

Data Path : Z:\HPCHEM1\BNA F\Data\bf060516\
 Data File : BF087741.D
 Acq On : 6 Jun 2016 7:50
 Operator : UM/SJ
 Sample : H3356-01MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 12:39:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143077	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	549520	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	248541	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	358637	20.00	ng	0.00
75) Chrysene-d12	14.02	240	278863	20.00	ng	0.00
86) Perylene-d12	15.45	264	242978	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	701852	79.29	ng	0.02
7) Phenol-d6	6.50	99	882761	79.52	ng	0.01
23) Nitrobenzene-d5	7.43	82	508149	53.50	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	193767	77.67	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	896615	48.68	ng	0.00
78) Terphenyl-d14	12.97	244	707548	61.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	81283	19.00	ng	# 28
3) Pyridine	3.27	79	251148	22.22	ng	98
4) n-Nitrosodimethylamine	3.21	42	116898	24.48	ng	90
6) Aniline	6.52	93	201991	12.84	ng	99
8) 2-Chlorophenol	6.65	128	278744	27.36	ng	85
9) Benzaldehyde	6.40	77	19148	2.55	ng	84
10) Phenol	6.51	94	383217	30.32	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	267932	29.17	ng	# 84
12) 1,3-Dichlorobenzene	6.80	146	266128	24.40	ng	99
13) 1,4-Dichlorobenzene	6.88	146	278020	25.41	ng	99
14) 1,2-Dichlorobenzene	7.04	146	257332	25.08	ng	100
15) Benzyl Alcohol	7.00	79	204126	24.89	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	340502	25.42	ng	97
17) 2-Methylphenol	7.12	107	208579	25.50	ng	99
18) Hexachloroethane	7.38	117	84981	22.21	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	156075	22.51	ng	97
20) 3+4-Methylphenols	7.28	107	274681	27.41	ng	# 83
22) Acetophenone	7.28	105	355186	28.54	ng	# 93
24) Nitrobenzene	7.45	77	293426	30.87	ng	100
25) Isophorone	7.69	82	464621	26.87	ng	97
26) 2-Nitrophenol	7.76	139	65947	14.93	ng	97
27) 2,4-Dimethylphenol	7.80	122	240857	26.31	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	282907	25.79	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	213238	28.36	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	231328	29.38	ng	100
31) Naphthalene	8.17	128	764351	28.61	ng	99
32) Benzoic acid	7.80	122	240857	43.62	ng	# 14
33) 4-Chloroaniline	8.22	127	127695	11.00	ng	98
34) Hexachlorobutadiene	8.30	225	119273	29.14	ng	98
35) Caprolactam	8.58	113	64031	25.93	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	211008	27.13	ng	91
37) 2-Methylnaphthalene	8.87	142	465379	26.38	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	204220	29.81	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	52373	13.00	ng	98

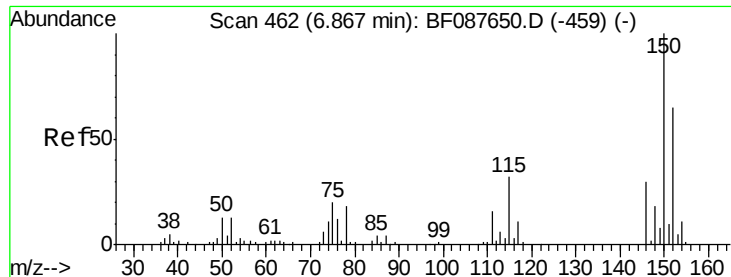
Data Path : Z:\HPCHEM1\BNA F\Data\bf060516\
 Data File : BF087741.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	133227	25.75	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	124137	25.79	nq	97
45) 1,1'-Biphenyl	9.32	154	503061	24.94	nq	100
46) 2-Chloronaphthalene	9.35	162	405041	25.23	nq	99
47) 2-Nitroaniline	9.45	65	144102	31.87	nq	# 56
48) Acenaphthylene	9.76	152	645008	25.76	nq	99
49) Dimethylphthalate	9.63	163	809613	44.81	nq	99
50) 2,6-Dinitrotoluene	9.69	165	104419	25.40	nq	96
51) Acenaphthene	9.94	154	404647	25.12	nq	99
52) 3-Nitroaniline	9.85	138	130864	27.83	nq	97
53) 2,4-Dinitrophenol	9.95	184	4754	6.30	nq	# 79
54) Dibenzofuran	10.11	168	610856	27.85	nq	100
55) 4-Nitrophenol	10.02	139	174532	43.43	nq	# 58
56) 2,4-Dinitrotoluene	10.09	165	132575	25.32	nq	97
57) Fluorene	10.46	166	459715	26.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	104855	25.28	nq	# 55
59) Diethylphthalate	10.33	149	564277	31.10	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	201967	26.01	nq	100
61) 4-Nitroaniline	10.47	138	141620	31.33	nq	96
62) Azobenzene	10.60	77	534995	29.29	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	7725	5.73	nq	93
65) n-Nitrosodiphenylamine	10.56	169	419561	35.72	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	140799	39.59	nq	100
67) Hexachlorobenzene	10.99	284	136436	34.31	nq	96
68) Atrazine	11.10	200	118016	33.92	nq	98
69) Pentachlorophenol	11.19	266	131506	55.65	nq	98
70) Phenanthrene	11.42	178	683065	35.13	nq	98
71) Anthracene	11.46	178	677042	34.75	nq	99
72) Carbazole	11.61	167	633437	34.34	nq	100
73) Di-n-butylphthalate	11.95	149	806829	40.80	nq	100
74) Fluoranthene	12.59	202	699700	36.57	nq	97
76) Benzidine	12.72	184	163027	14.83	nq	98
77) Pyrene	12.82	202	655734	33.02	nq	100
79) Butylbenzylphthalate	13.45	149	334579	39.59	nq	98
80) Benzo(a)anthracene	14.01	228	591921	36.78	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	135652	29.88	nq	# 98
82) Chrysene	14.05	228	482852	30.14	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	452315	44.97	nq	99
84) Di-n-octyl phthalate	14.62	149	722539	38.64	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	475834	35.94	nq	# 100
87) Benzo(b)fluoranthene	15.07	252	1052311	66.58	nq	99
88) Benzo(k)fluoranthene	15.07	252	1052311	80.02	nq	# 95
89) Benzo(a)pyrene	15.39	252	490884	36.95	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	392993	34.76	nq	98
91) Benzo(g,h,i)perylene	17.27	276	384367	33.69	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

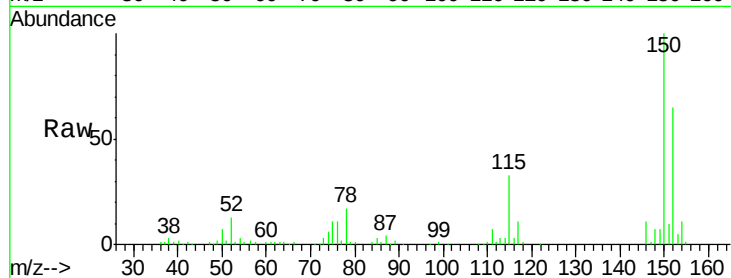


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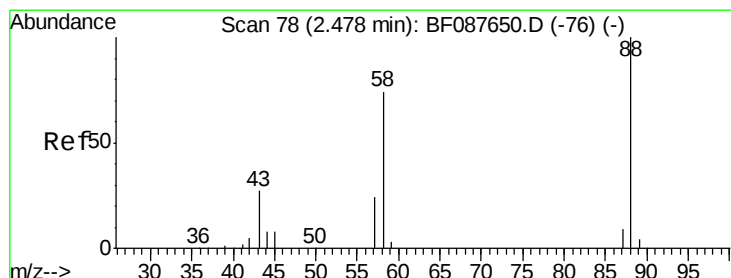
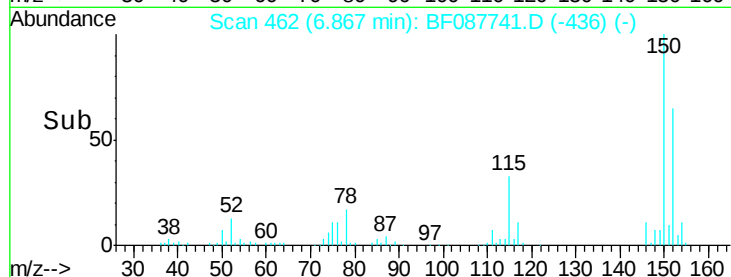
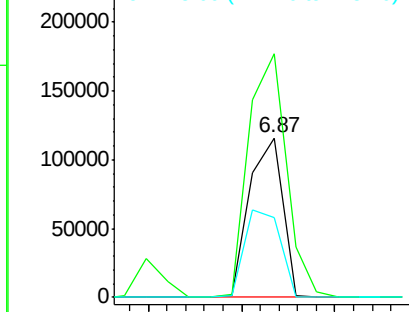
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 143077
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 50.3 39.6 59.4



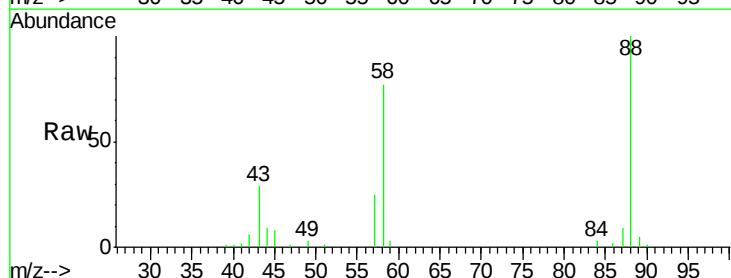
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



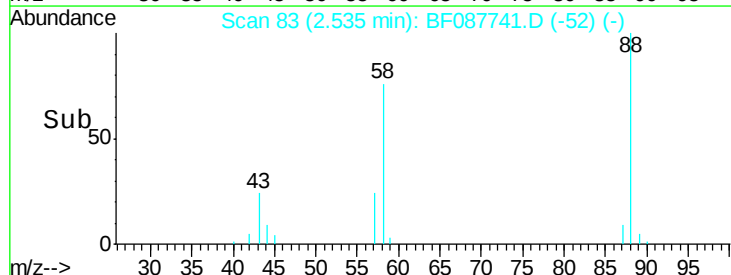
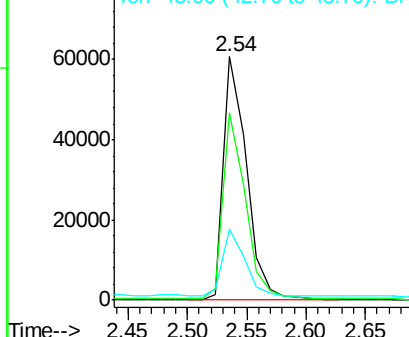
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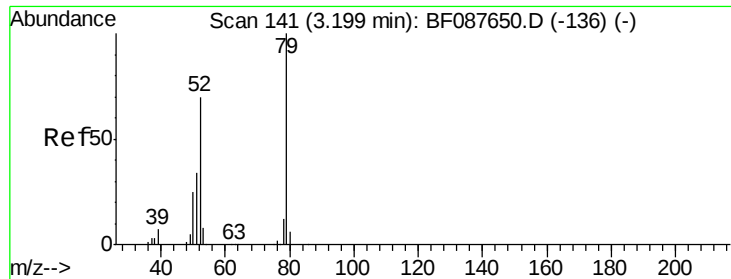
1,4-Dioxane
Concen: 19.00 ng
RT: 2.54 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion: 88 Resp: 81283
Ion Ratio Lower Upper
88 100
58 78.3 0.0 0.0#
43 28.0 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.22 ng

RT: 3.27 min Scan# 147

Delta R.T. 0.07 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampled :

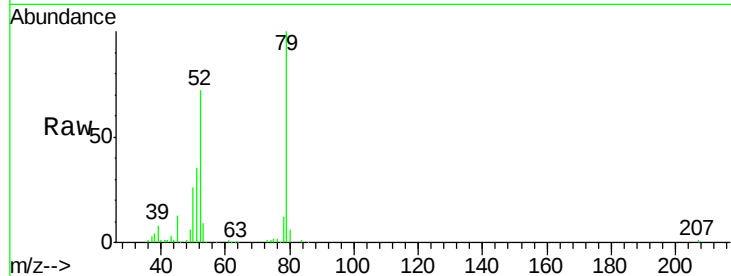
Tot Ion: 79 Resp: 251148

Ion Ratio Lower Upper

79 100

52 72.3 56.3 84.5

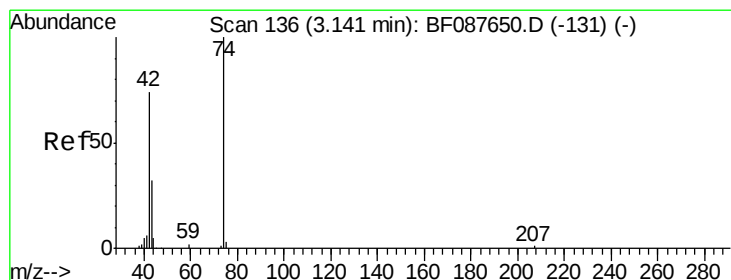
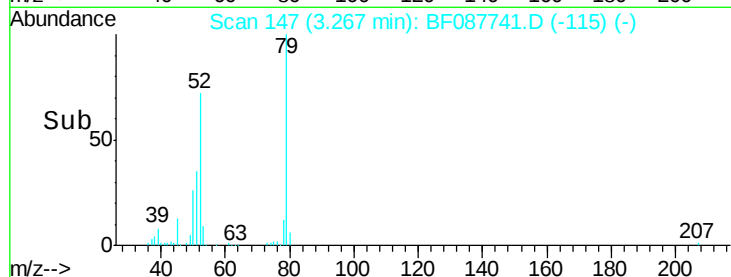
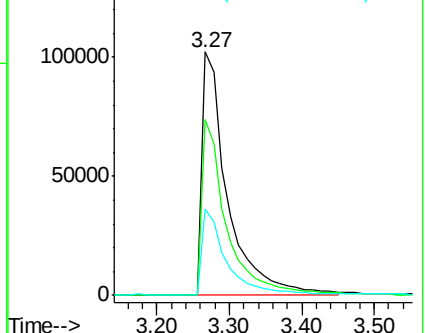
51 35.5 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 24.48 ng

RT: 3.21 min Scan# 142

Delta R.T. 0.07 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

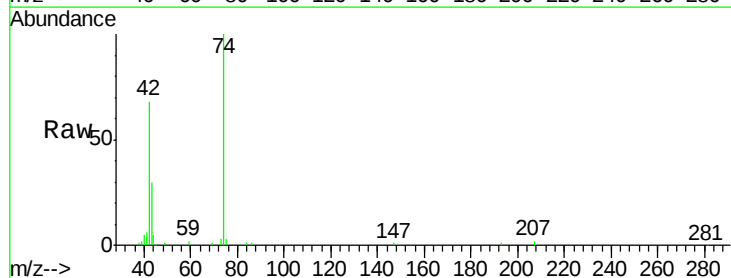
Tgt Ion: 42 Resp: 116898

Ion Ratio Lower Upper

42 100

74 148.1 108.6 163.0

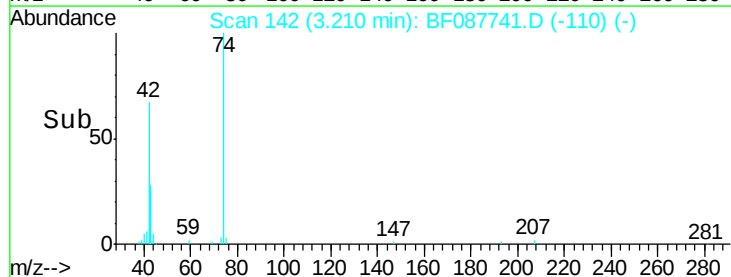
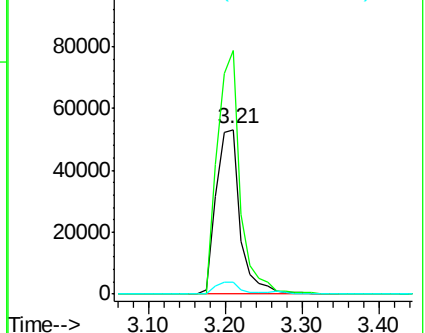
44 7.0 5.5 8.3

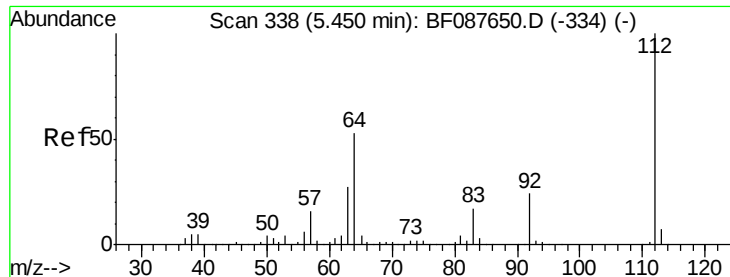


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.29 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087741.D

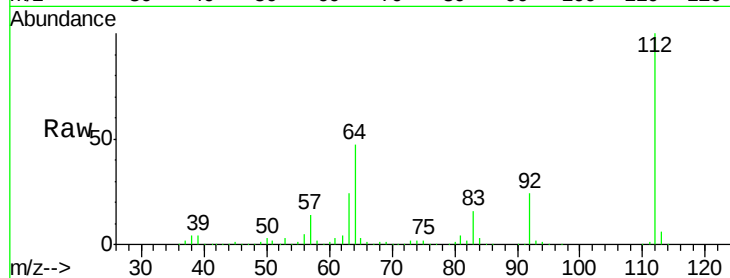
Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	701852
Ion	Ratio	Lower	Upper
112	100		
64	46.6	42.2	63.2
63	24.1	21.8	32.8

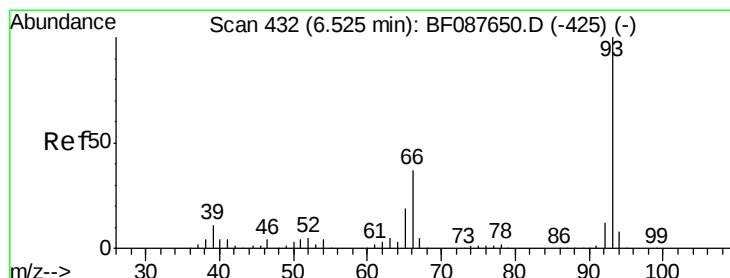
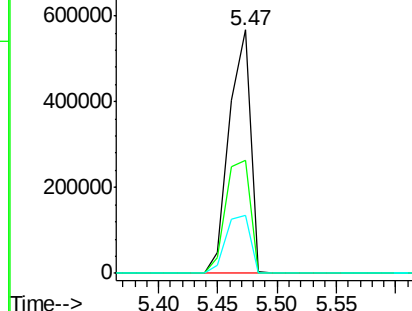
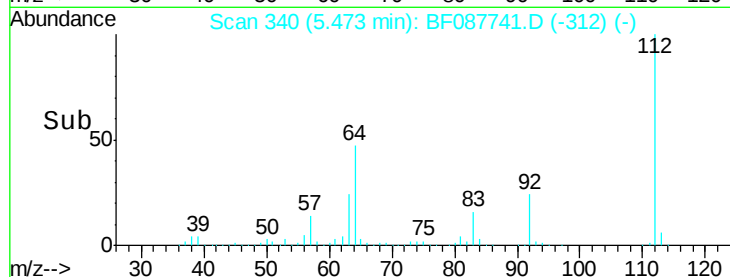


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 12.84 ng

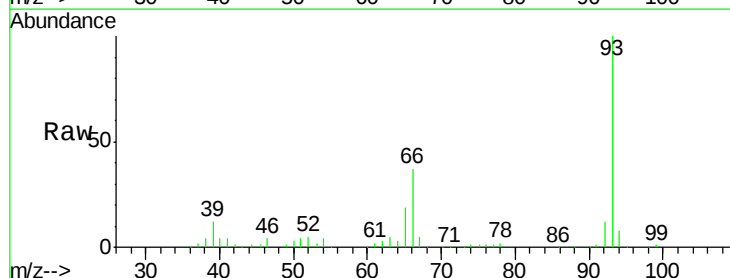
RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:	93	Resp:	201991
Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.8	44.8
65	18.9	14.9	22.3

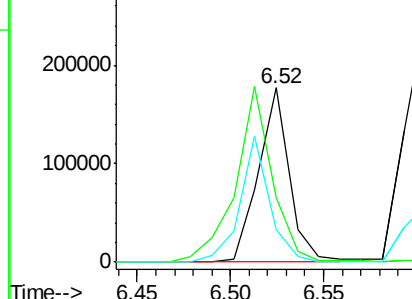
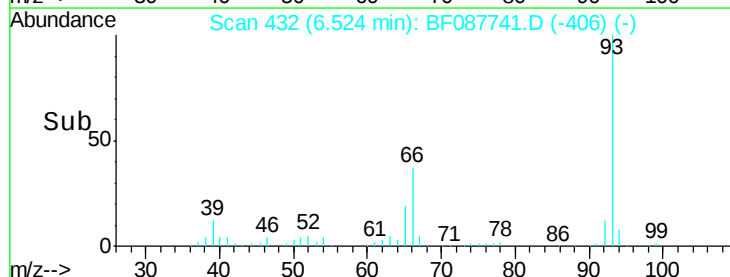


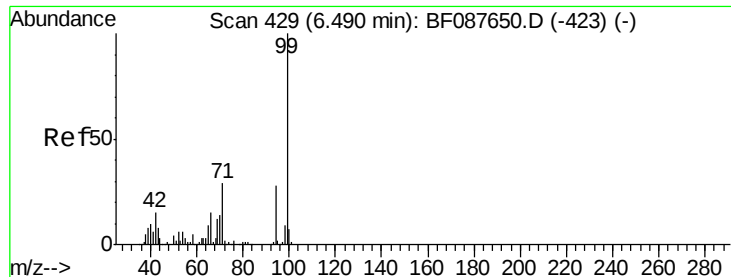
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 79.52 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

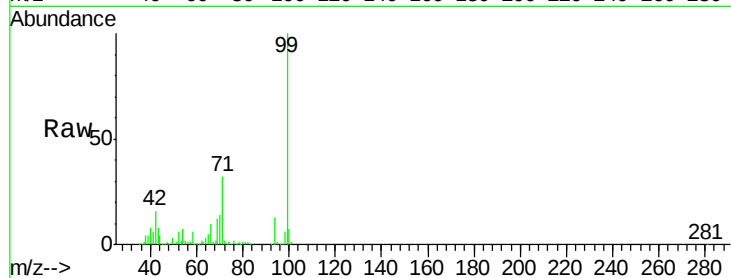
Tot Ion: 99 Resp: 882761

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

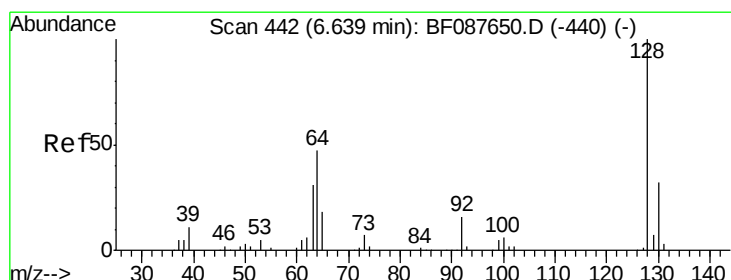
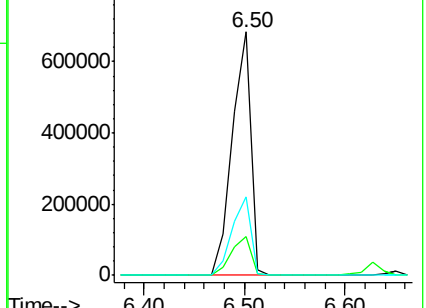
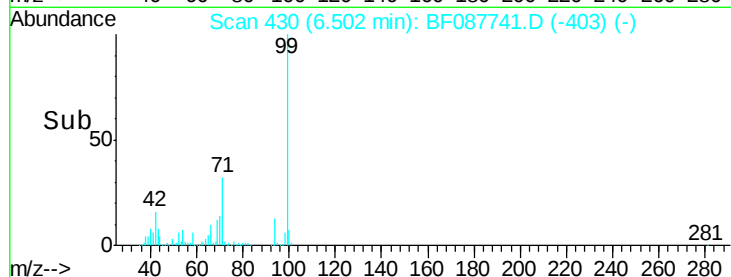
71 32.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 27.36 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

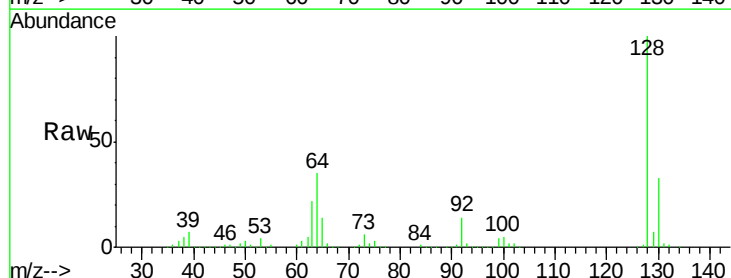
Tgt Ion: 128 Resp: 278744

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

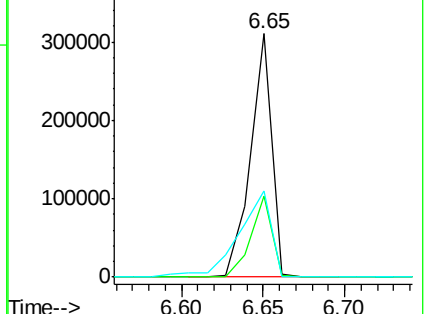
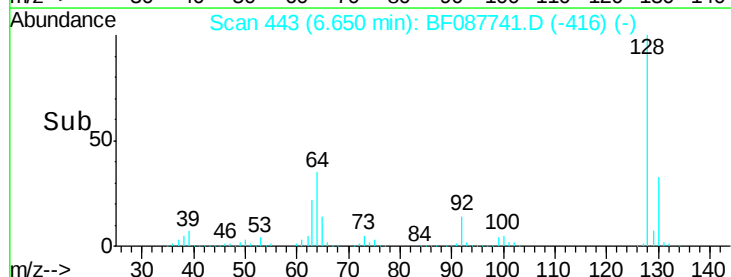
64 35.3 30.8 70.8

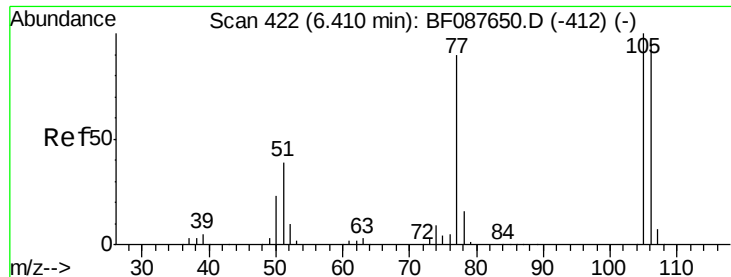


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

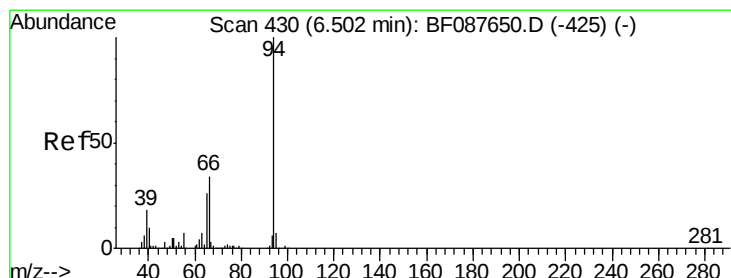
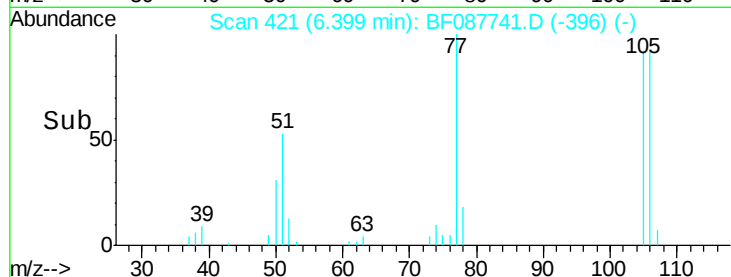
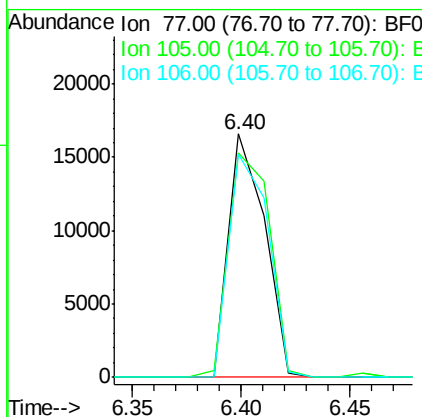
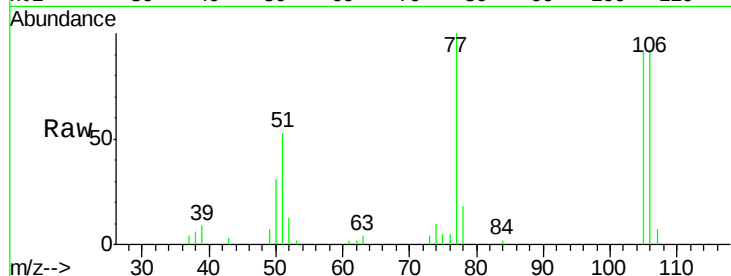




#9
Benzaldehyde
Concen: 2.55 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

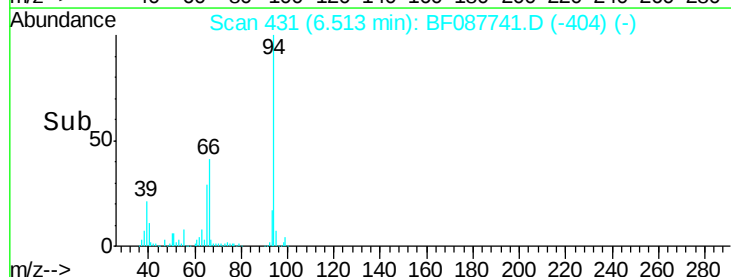
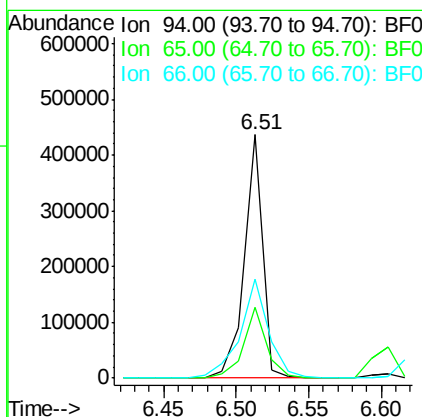
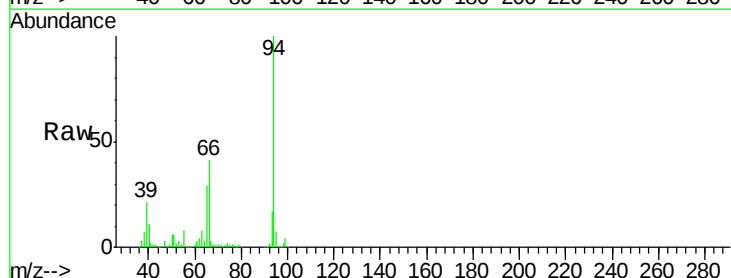
Instrument :
BNA_F
ClientSampled :

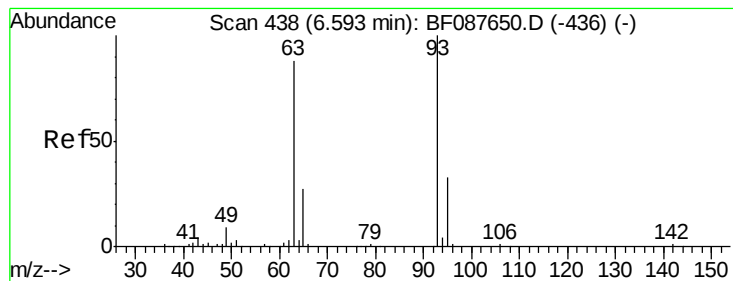
Tot Ion: 77 Resp: 19148
Ion Ratio Lower Upper
77 100
105 92.0 90.6 130.6
106 91.6 85.3 125.3



#10
Phenol
Concen: 30.32 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion: 94 Resp: 383217
Ion Ratio Lower Upper
94 100
65 29.3 5.9 45.9
66 40.7 14.0 54.0

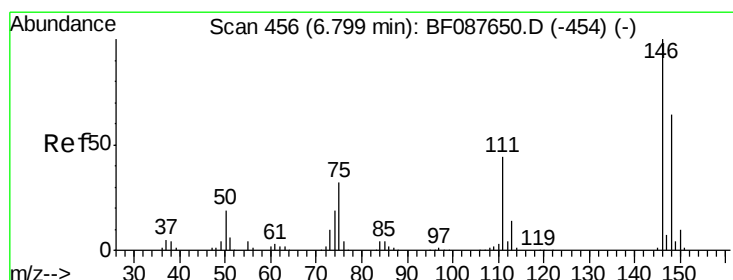
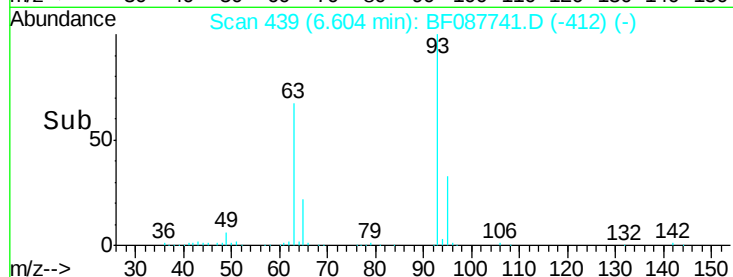
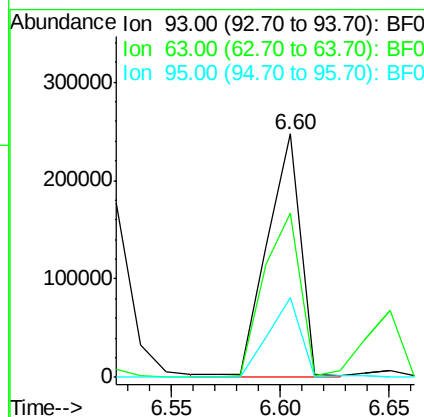
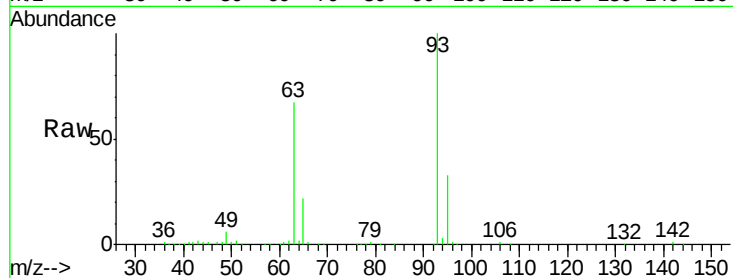




#11
bis(2-Chloroethyl)ether
Concen: 29.17 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

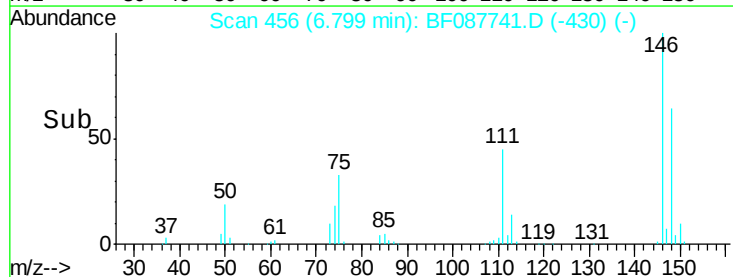
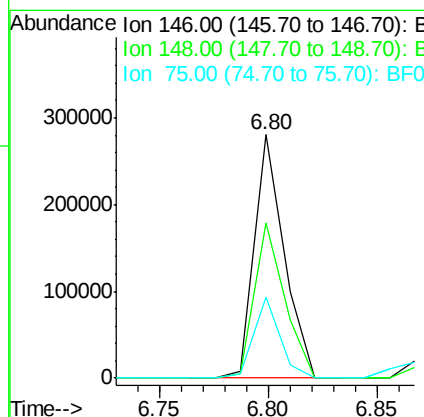
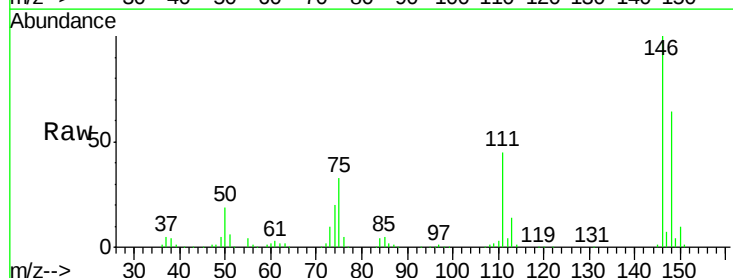
Instrument :
BNA_F
ClientSampleId :

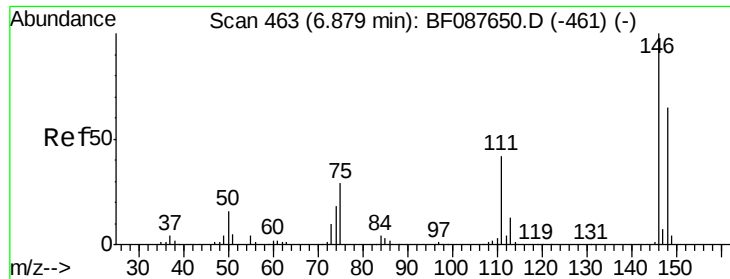
Tot Ion: 93 Resp: 267932
Ion Ratio Lower Upper
93 100
63 67.4 67.6 107.6#
95 33.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 24.40 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion: 146 Resp: 266128
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 33.5 25.6 38.4

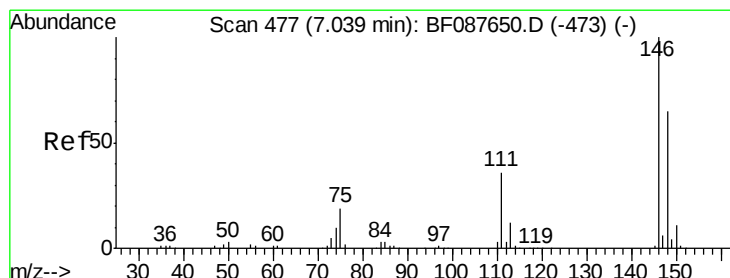
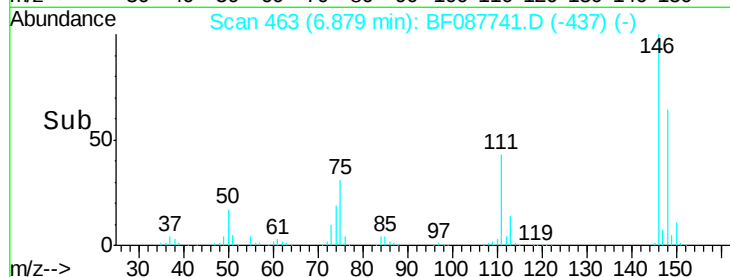
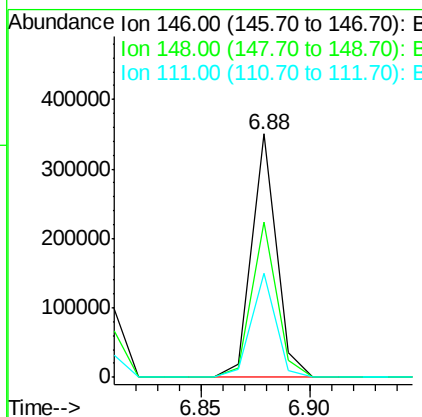
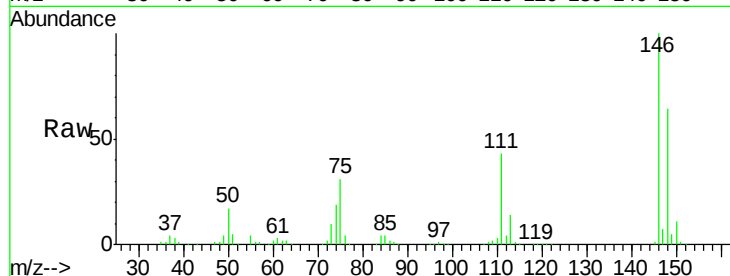




#13
 1,4-Dichlorobenzene
 Concen: 25.41 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

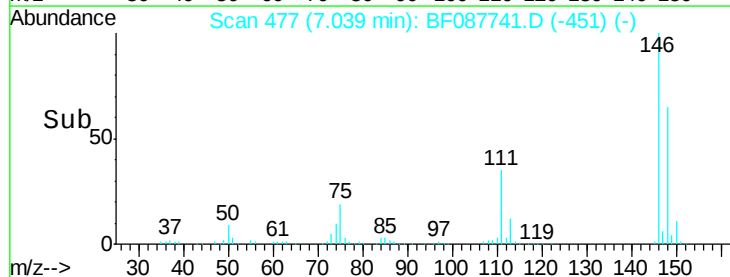
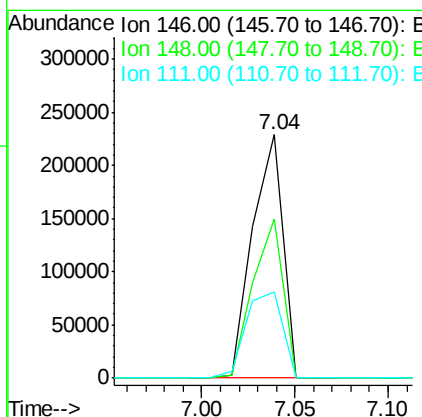
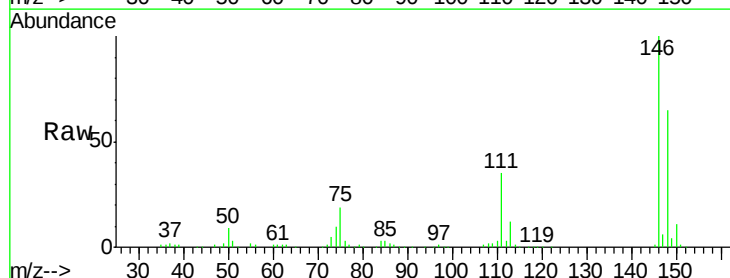
Instrument :
 BNA_F
 ClientSampled :

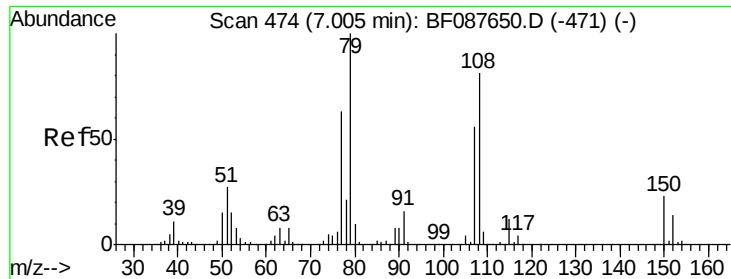
Tot Ion:146 Resp: 278020
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.0 78.0
 111 42.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 25.08 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:146 Resp: 257332
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 35.5 28.7 43.1





#15

Benzyl Alcohol

Concen: 24.89 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampled :

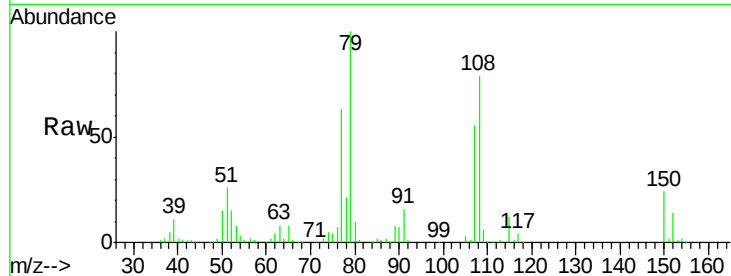
Tot Ion: 79 Resp: 204126

Ion Ratio Lower Upper

79 100

108 79.0 65.0 97.6

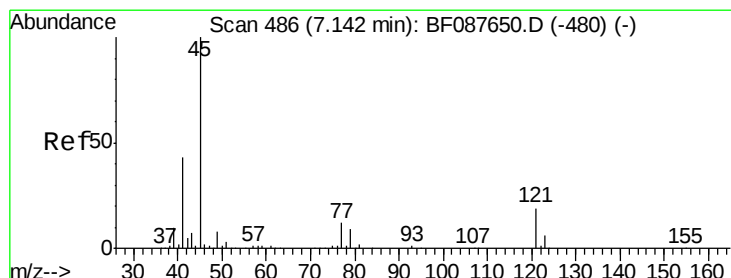
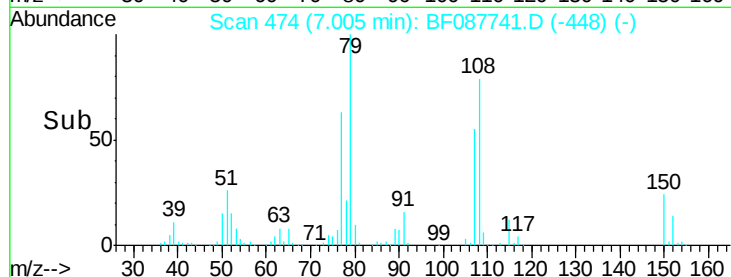
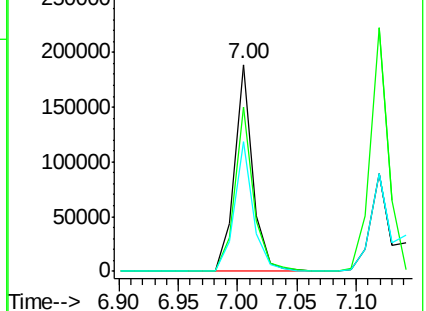
77 62.8 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.42 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

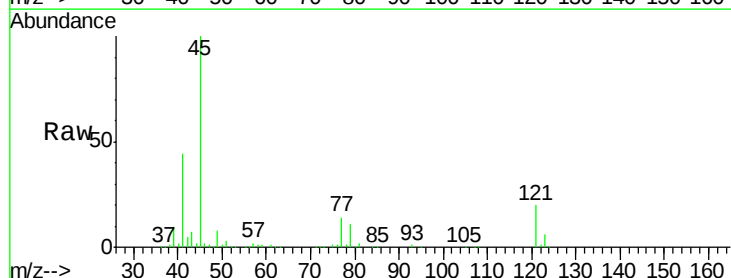
Tgt Ion: 45 Resp: 340502

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.5

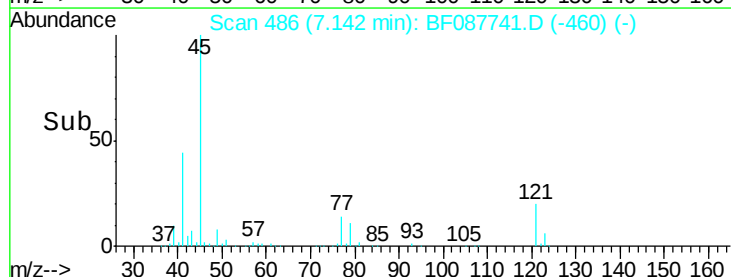
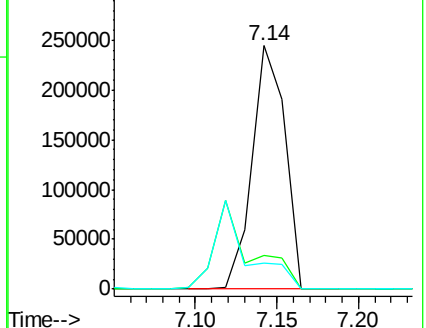
79 10.6 0.0 29.5

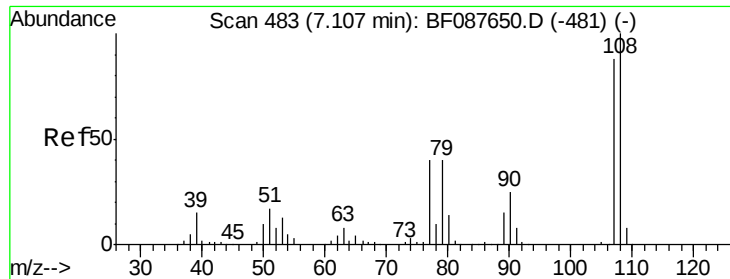


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 25.50 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 208579

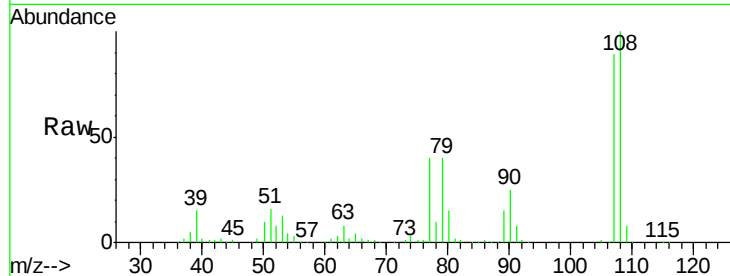
Ion Ratio Lower Upper

107 100

108 112.3 90.9 136.3

77 45.1 36.6 55.0

79 44.8 36.5 54.7

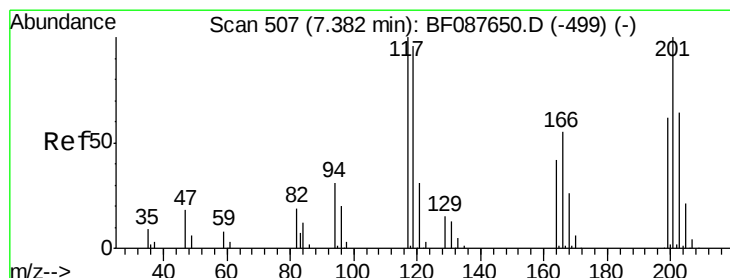
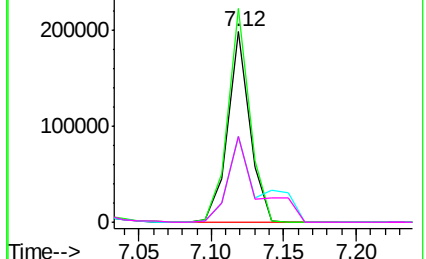
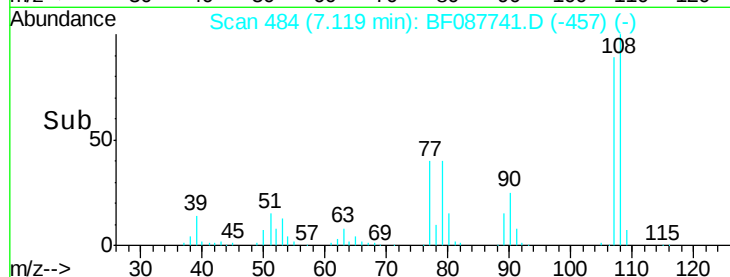


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 22.21 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

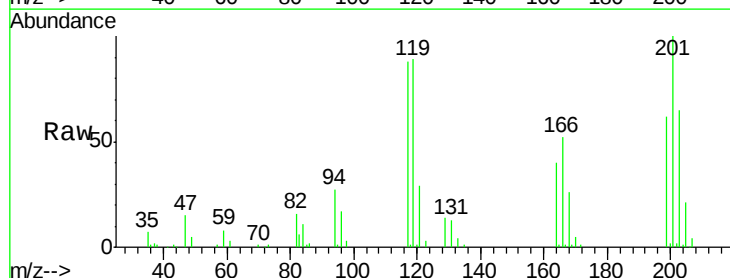
Tgt Ion:117 Resp: 84981

Ion Ratio Lower Upper

117 100

119 101.0 77.4 116.2

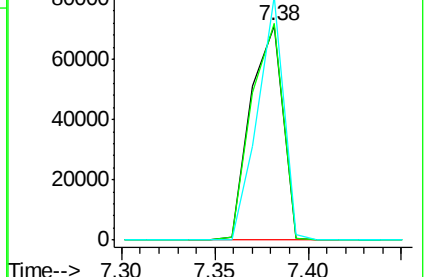
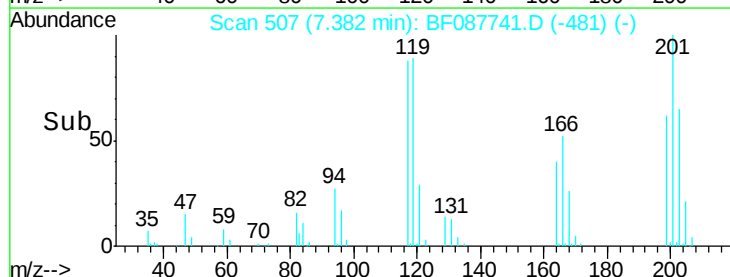
201 113.4 80.4 120.6

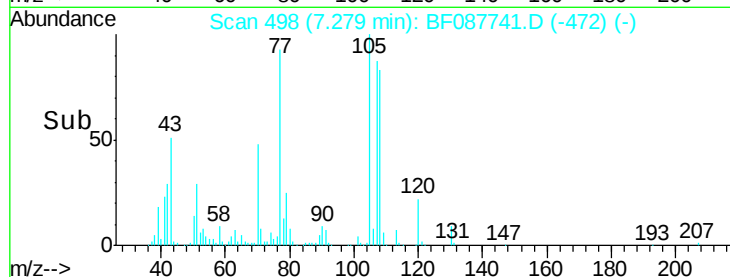
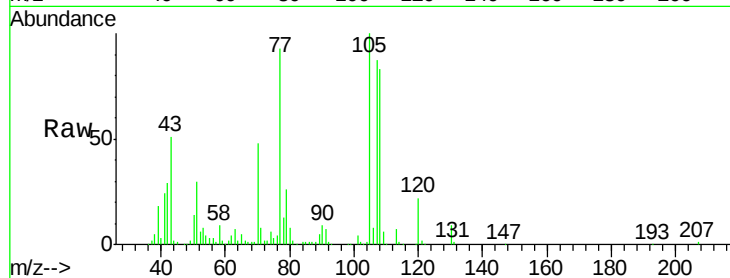
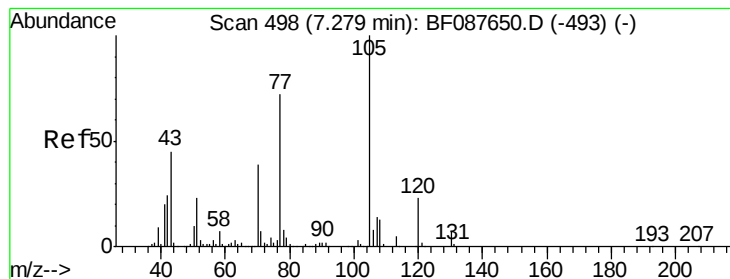


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 22.51 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 156075

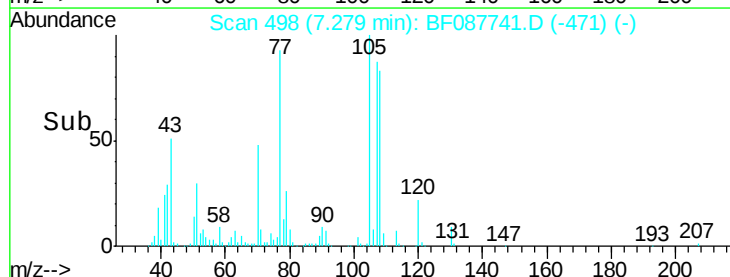
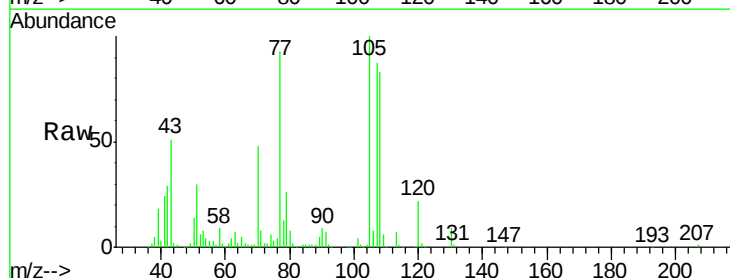
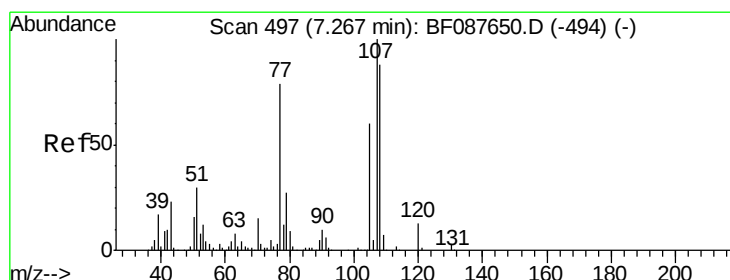
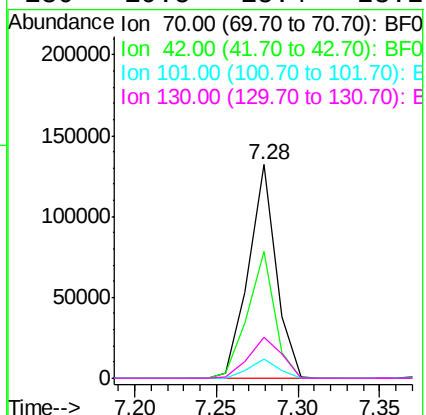
Ion Ratio Lower Upper

70 100

42 59.3 49.6 74.4

101 9.3 7.1 10.7

130 19.5 15.4 23.2



#20

3+4-Methylphenols

Concen: 27.41 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion: 107 Resp: 274681

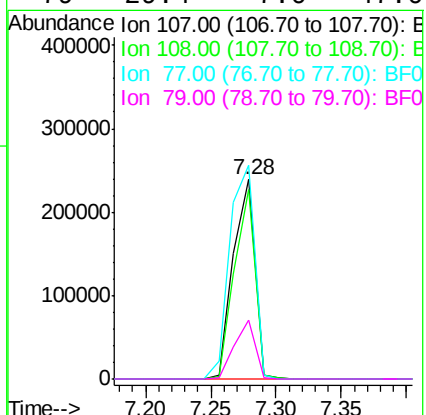
Ion Ratio Lower Upper

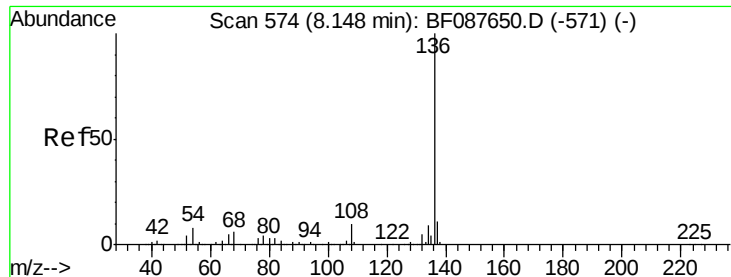
107 100

108 95.3 67.8 107.8

77 107.2 59.3 99.3#

79 29.4 7.0 47.0

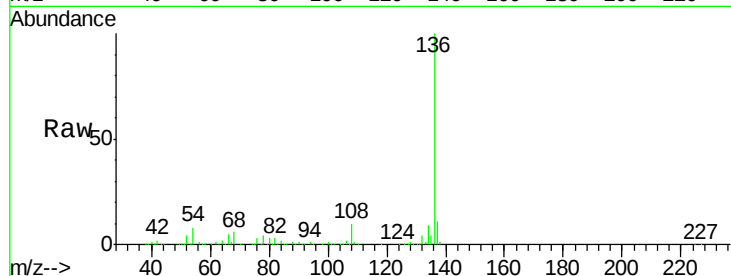




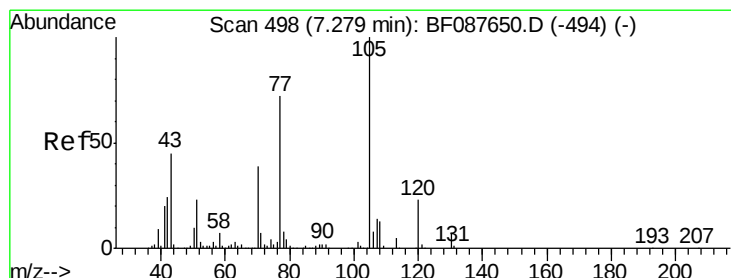
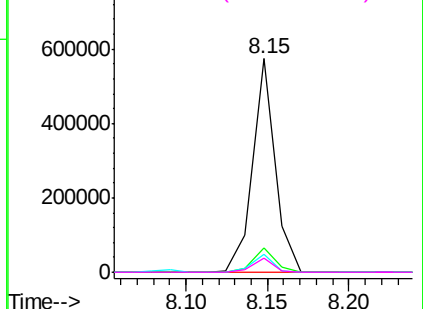
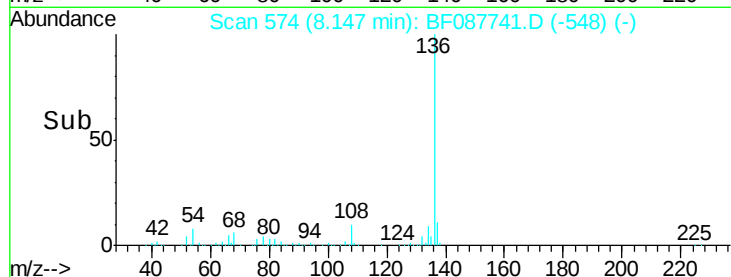
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	549520
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	8.2	6.6 10.0
68	6.4	5.1 7.7

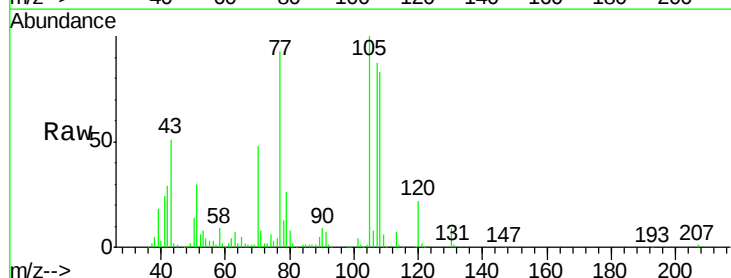


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

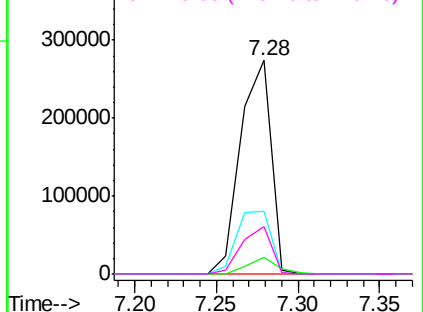
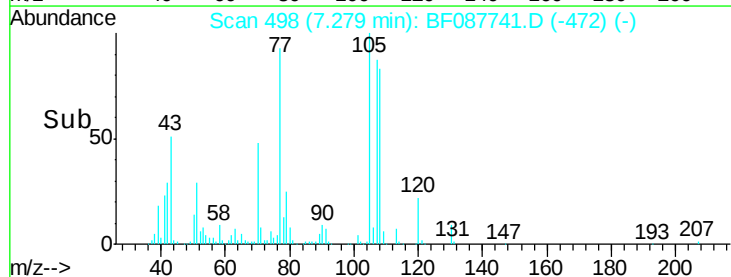


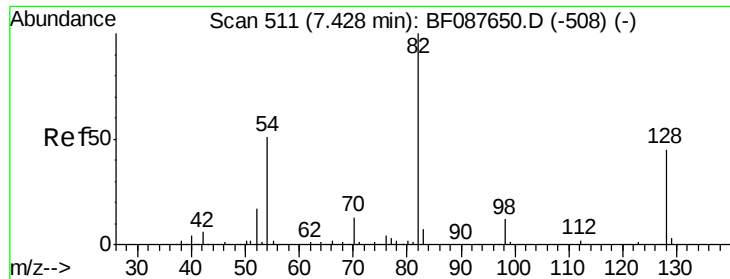
#22
Acetophenone
Concen: 28.54 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:105	Resp:	355186
Ion Ratio	Lower	Upper
105	100	
71	8.1	5.3 7.9#
51	29.6	18.2 27.4#
120	22.3	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

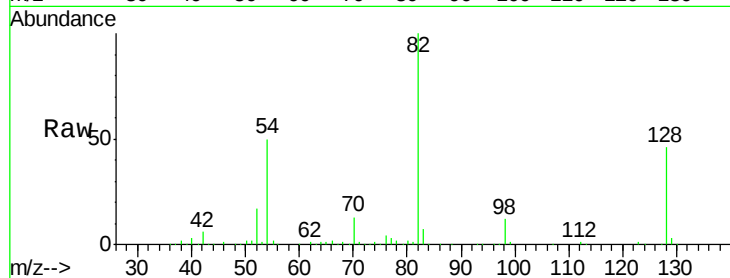




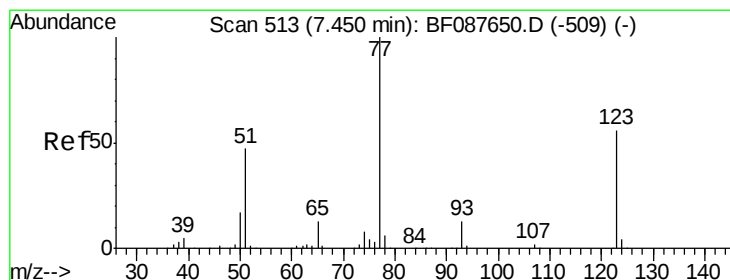
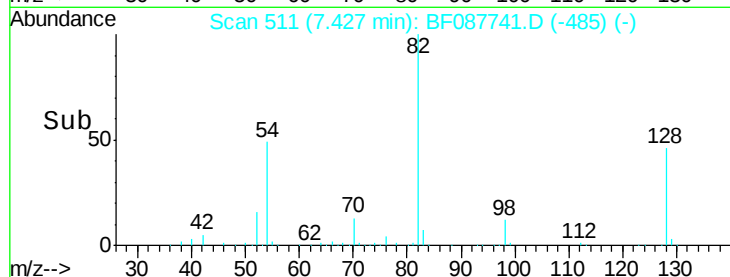
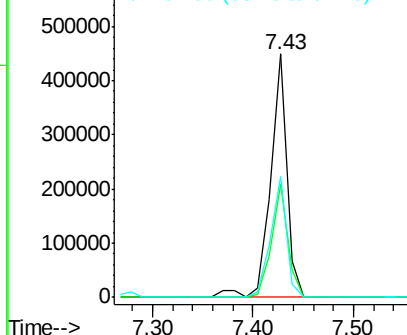
#23
Nitrobenzene-d5
Concen: 53.50 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 508149
Ion Ratio Lower Upper
82 100
128 46.2 35.9 53.9
54 49.7 40.9 61.3

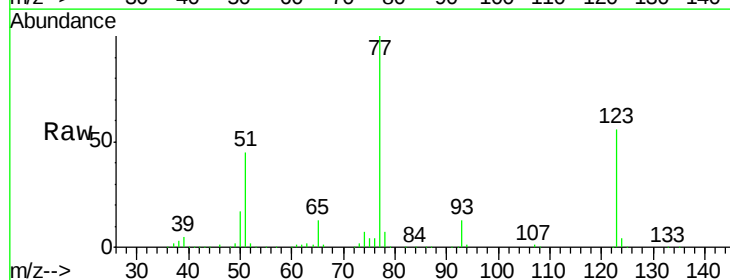


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

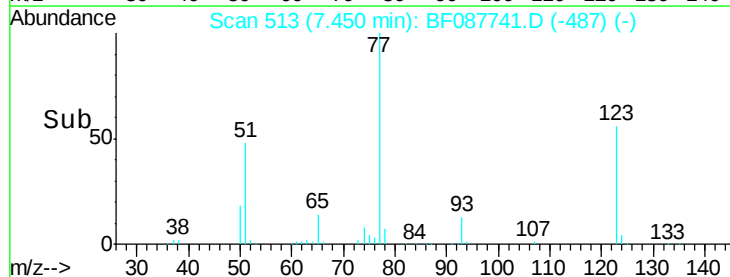
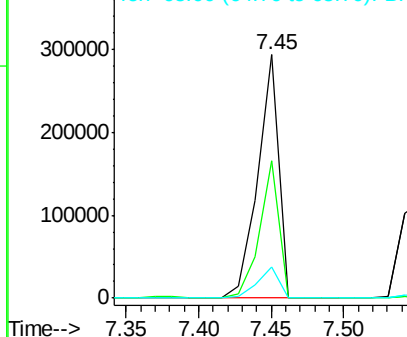


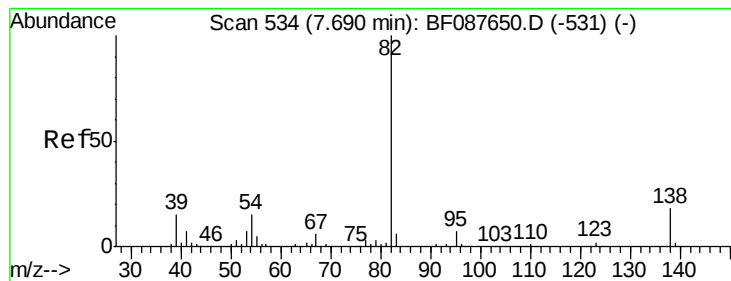
#24
Nitrobenzene
Concen: 30.87 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion: 77 Resp: 293426
Ion Ratio Lower Upper
77 100
123 56.2 45.0 67.4
65 12.5 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 26.87 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

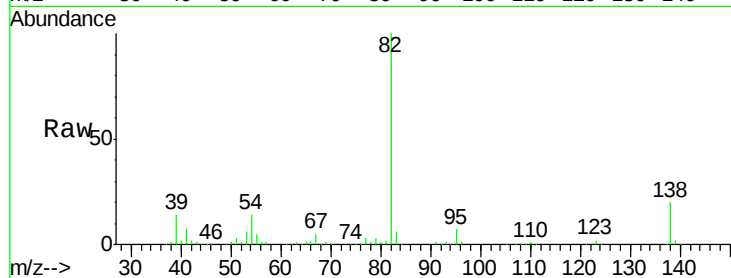
Tot Ion: 82 Resp: 464621

Ion Ratio Lower Upper

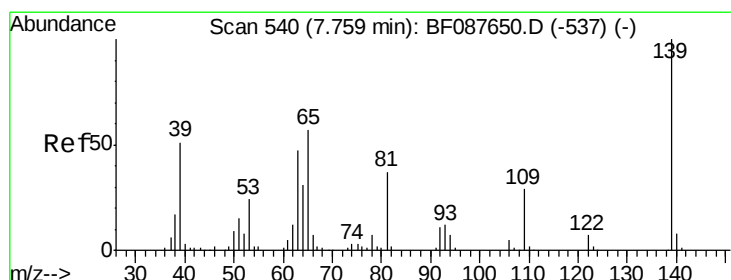
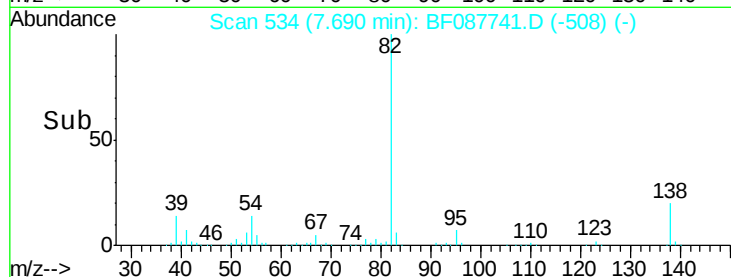
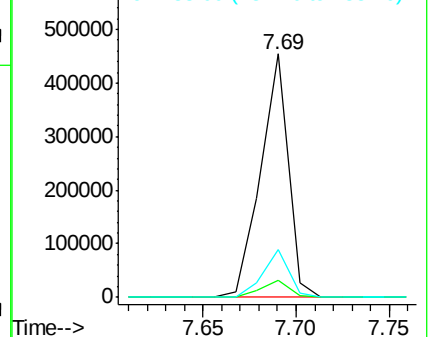
82 100

95 7.1 5.4 8.2

138 19.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 14.93 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

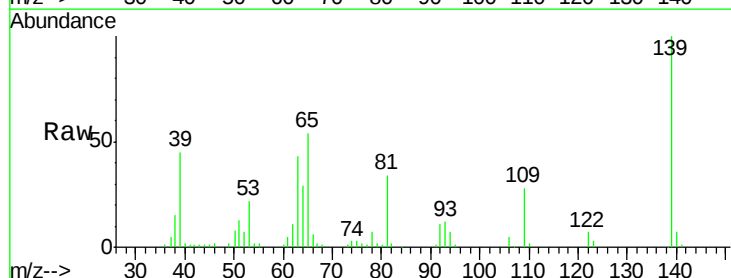
Tgt Ion: 139 Resp: 65947

Ion Ratio Lower Upper

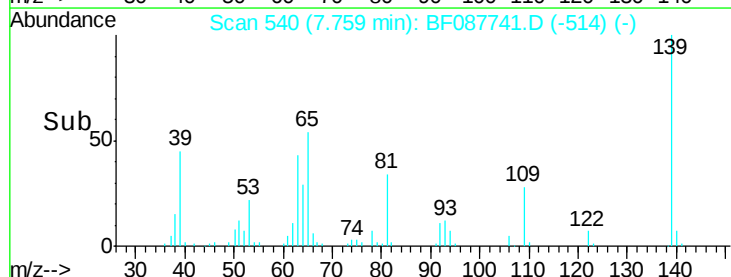
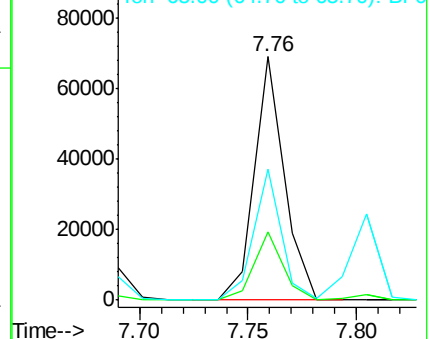
139 100

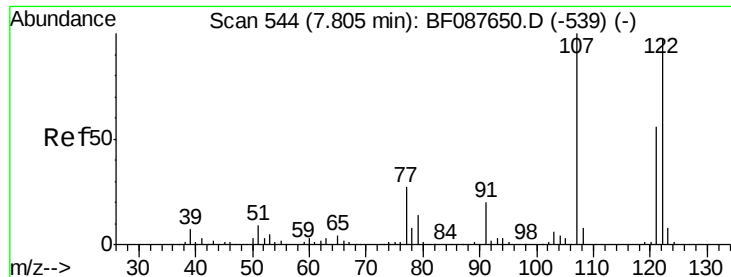
109 28.3 23.0 34.4

65 53.8 45.8 68.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

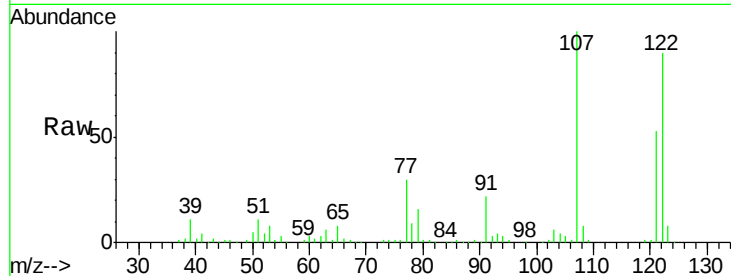




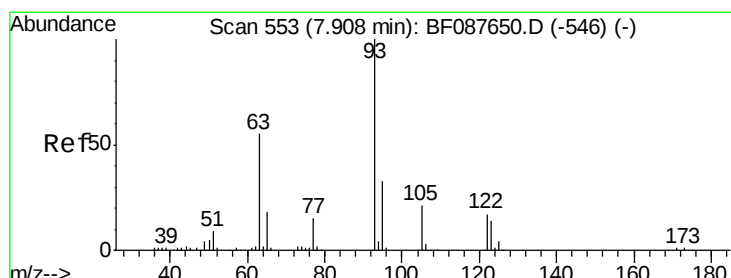
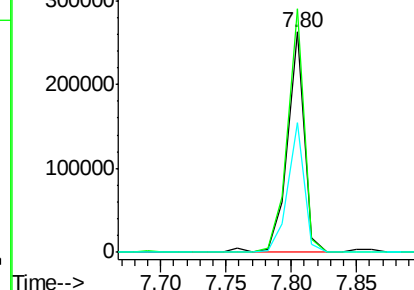
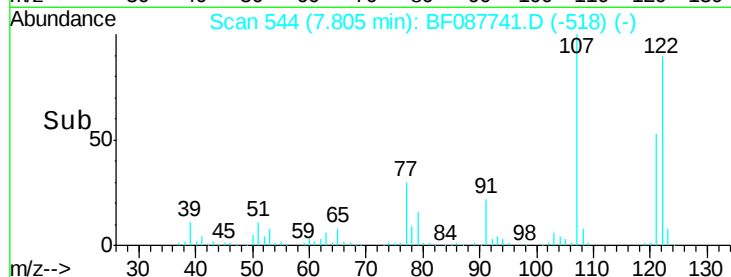
#27
2,4-Dimethylphenol
Concen: 26.31 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	82.4	123.6
121	58.7	46.3	69.5

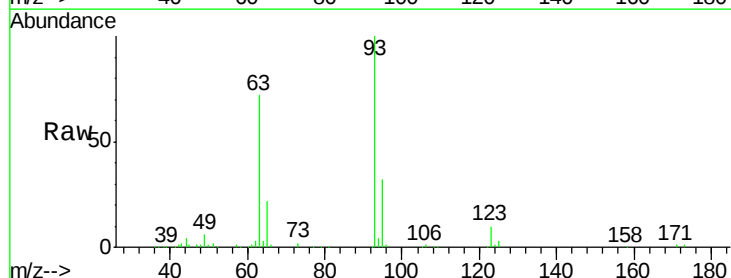


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

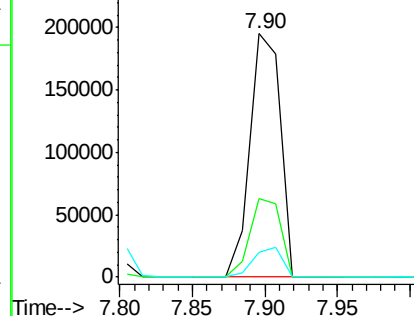
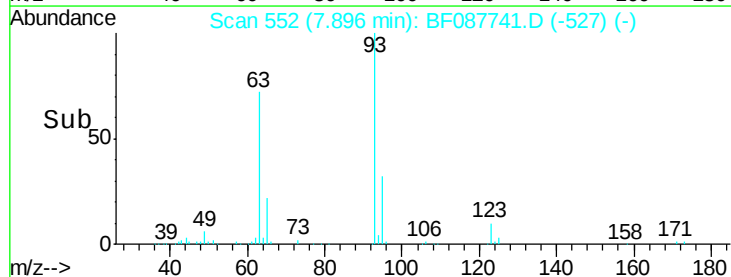


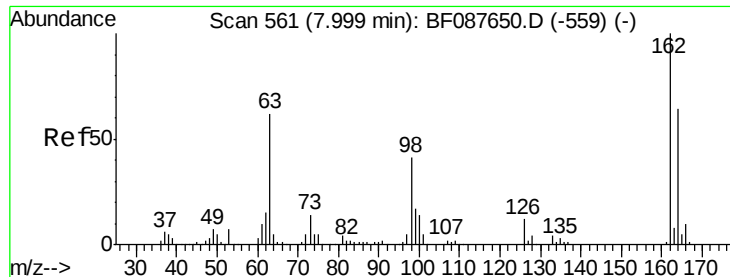
#28
bis(2-Chloroethoxy)methane
Concen: 25.79 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.2	11.6	17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

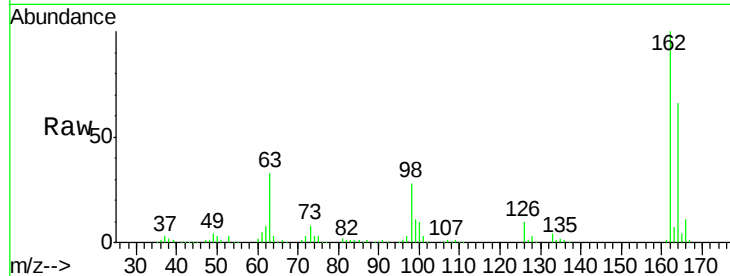




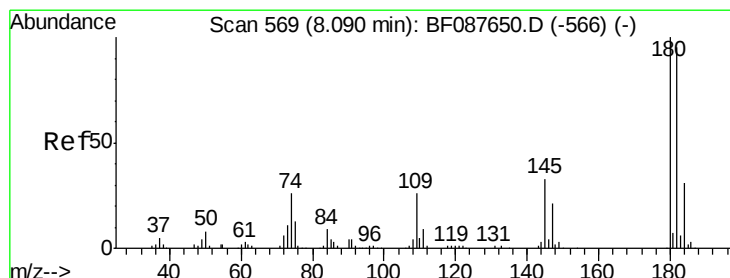
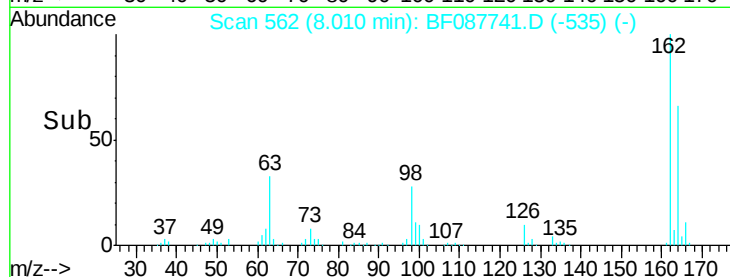
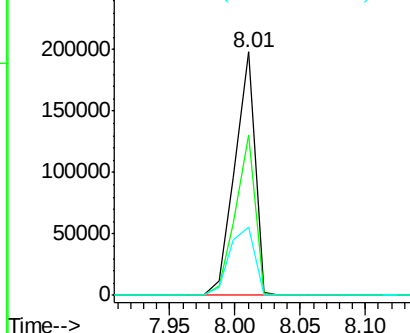
#29
2,4-Dichlorophenol
Concen: 28.36 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 213238
Ion Ratio Lower Upper
162 100
164 66.1 43.8 83.8
98 28.0 21.3 61.3

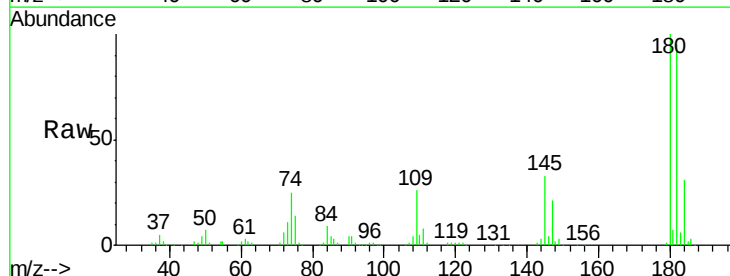


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

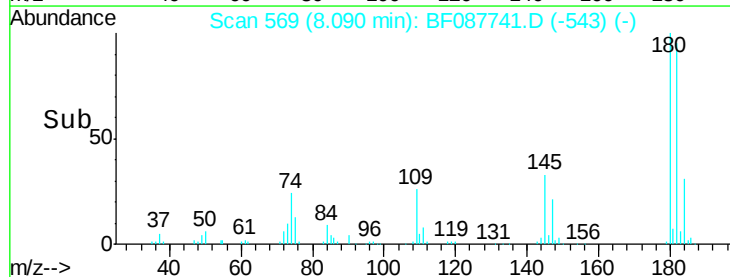
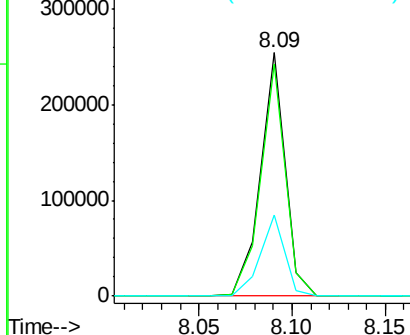


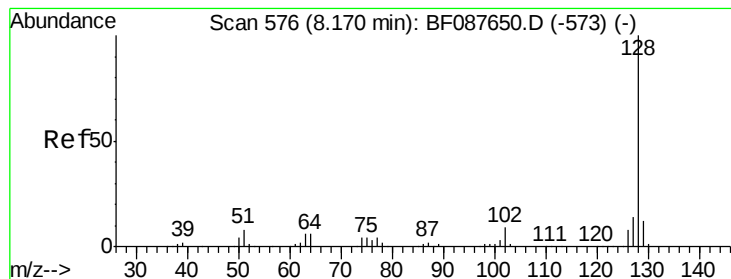
#30
1,2,4-Trichlorobenzene
Concen: 29.38 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:180 Resp: 231328
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
145 33.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.61 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

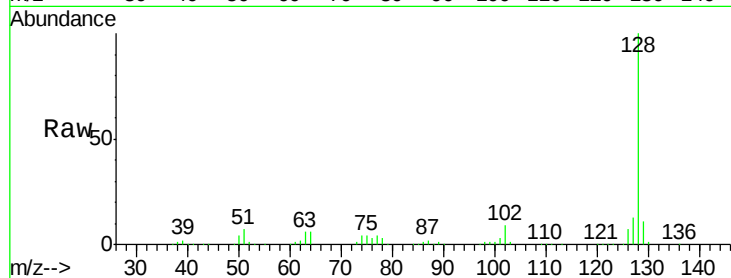
Tot Ion:128 Resp: 764351

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

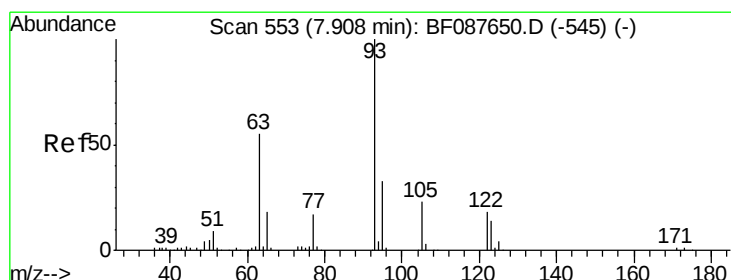
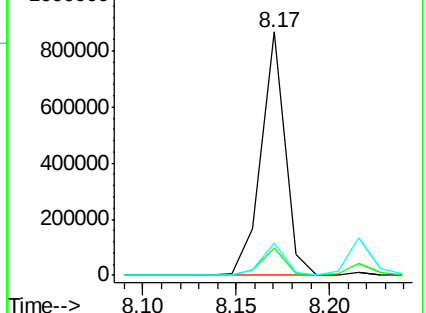
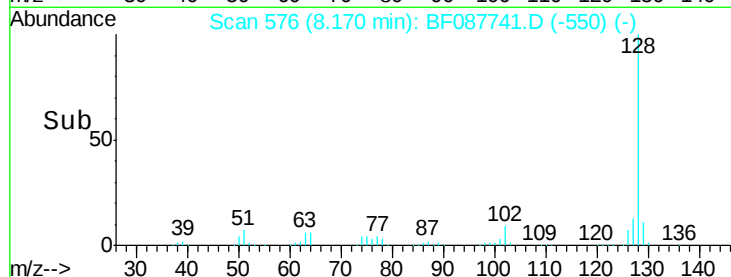
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.62 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.10 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

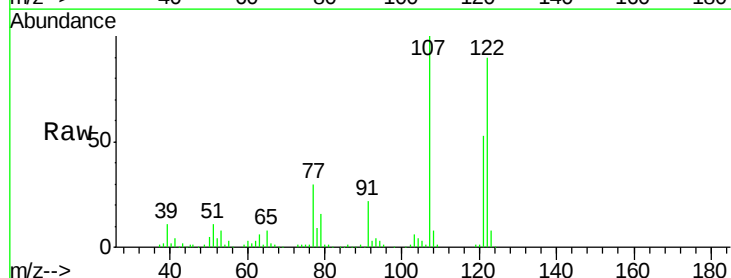
Tgt Ion:122 Resp: 240857

Ion Ratio Lower Upper

122 100

105 3.6 101.6 141.6#

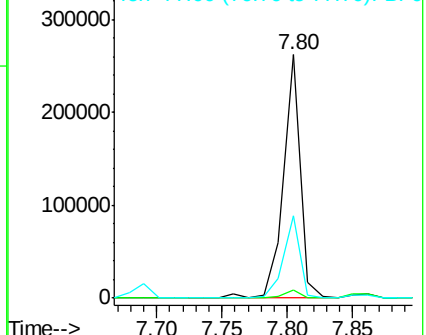
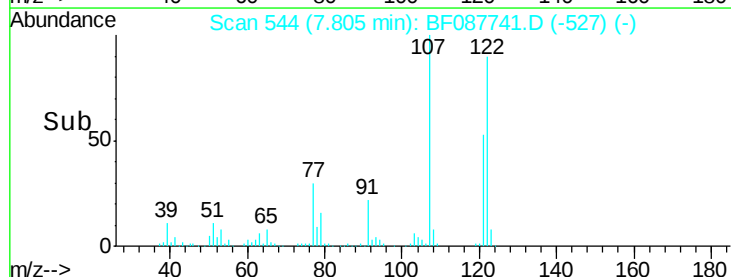
77 33.6 70.6 110.6#

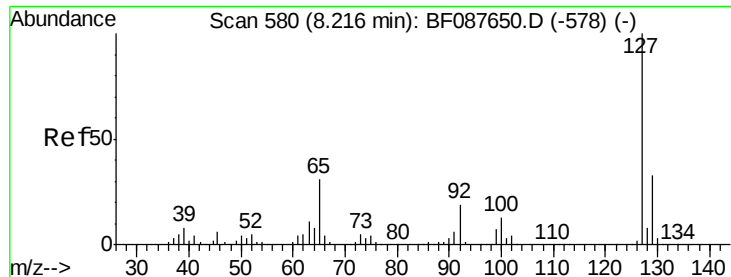


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

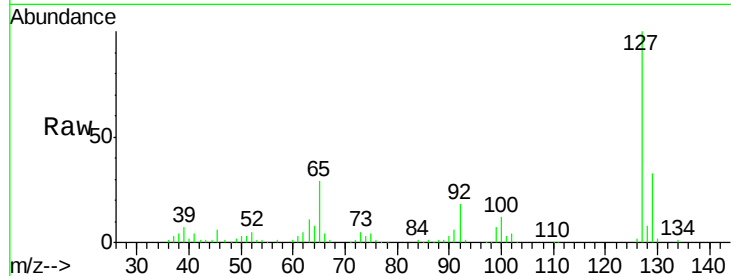




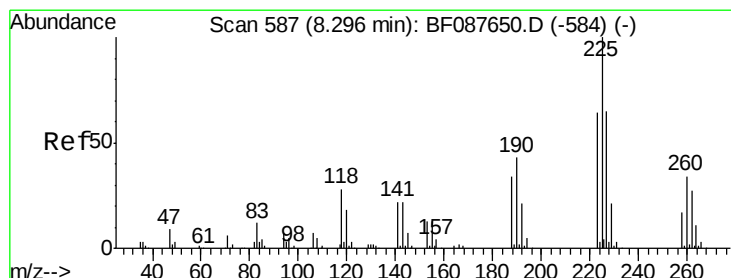
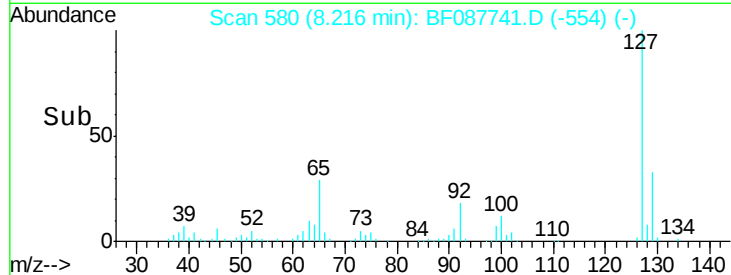
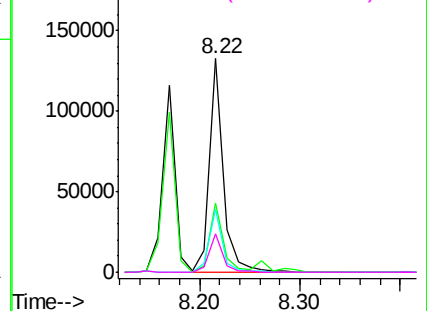
#33
4-Chloroaniline
Concen: 11.00 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	127695
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	29.4	24.7	37.1
92	18.2	15.4	23.0

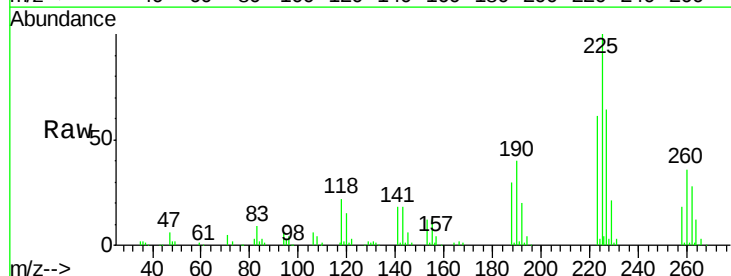


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

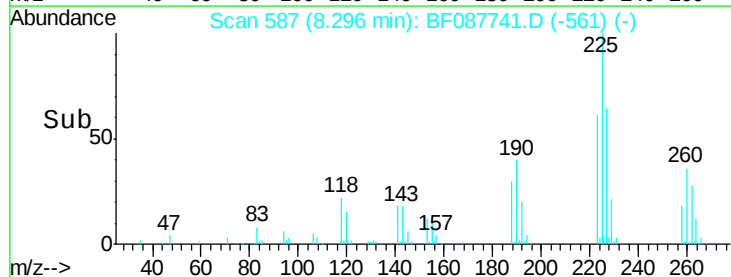
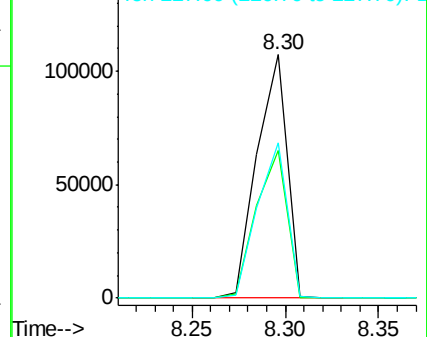


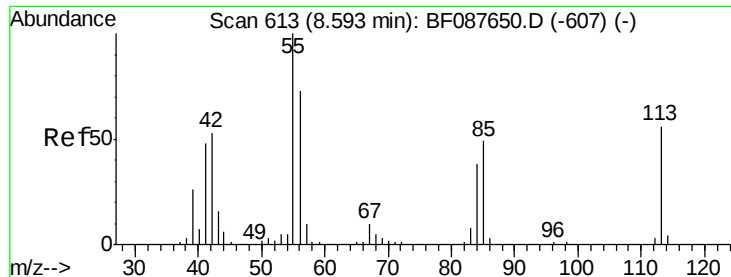
#34
Hexachlorobutadiene
Concen: 29.14 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:	225	Resp:	119273
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.9	76.3
227	63.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

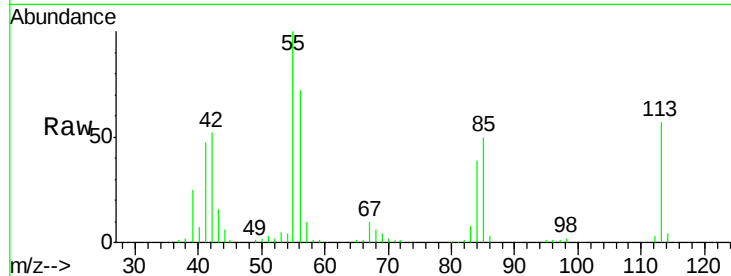




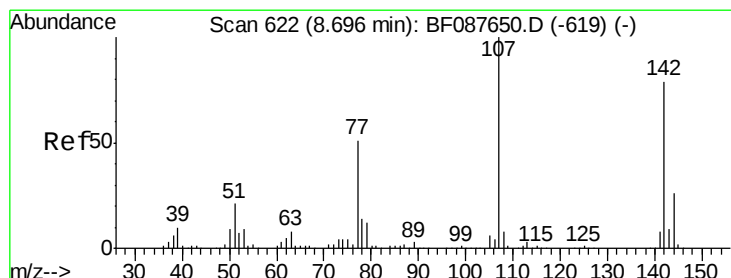
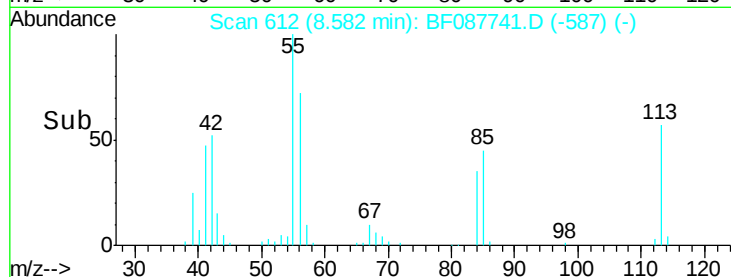
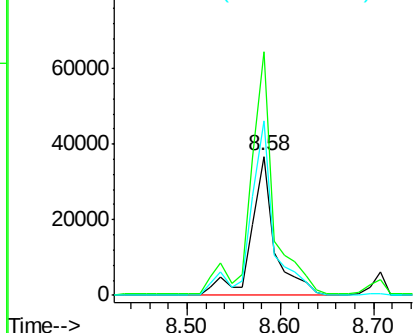
#35
Caprolactam
Concen: 25.93 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 64031
Ion Ratio Lower Upper
113 100
55 175.5 158.6 198.6
56 125.9 110.6 150.6

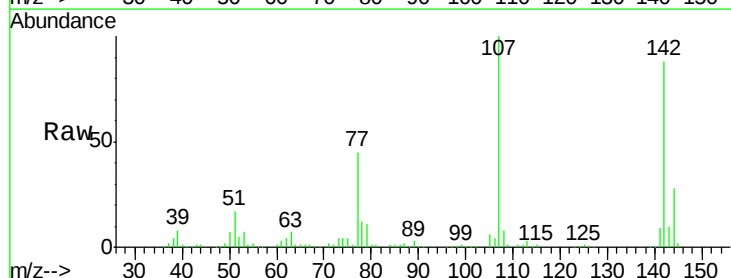


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

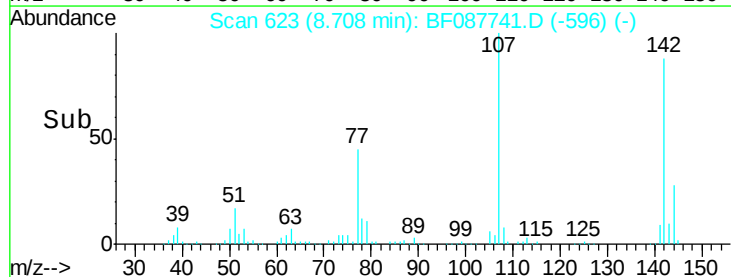
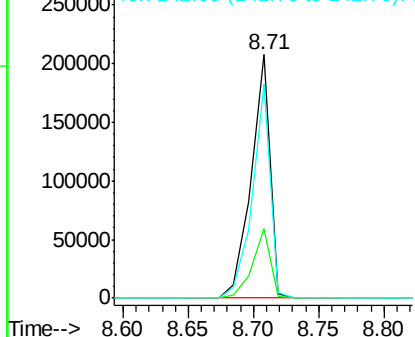


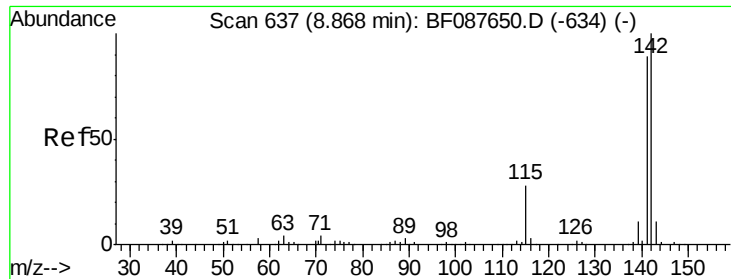
#36
4-Chloro-3-methylphenol
Concen: 27.13 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:107 Resp: 211008
Ion Ratio Lower Upper
107 100
144 28.4 20.8 31.2
142 88.2 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

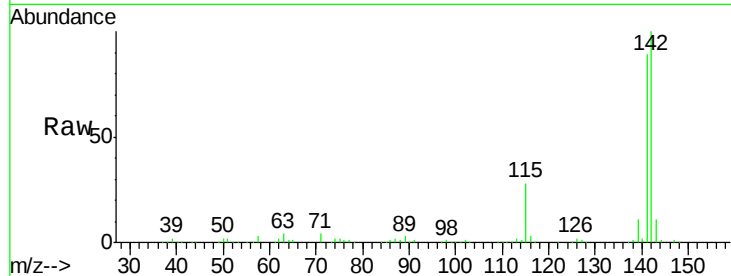




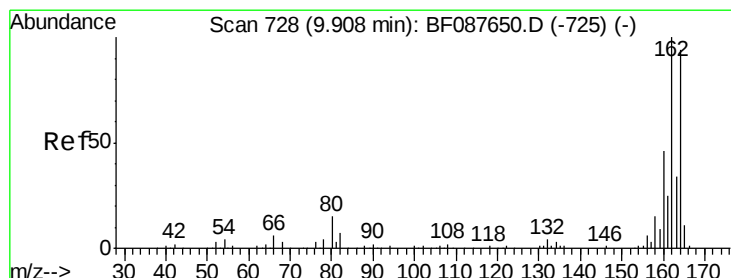
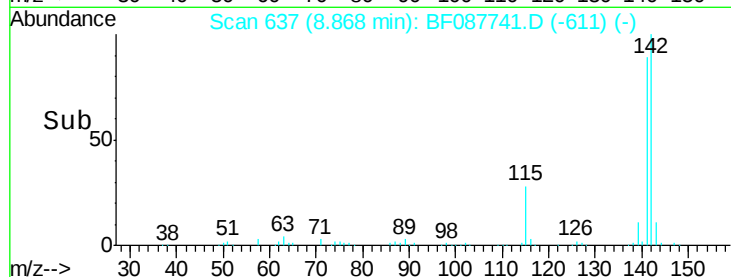
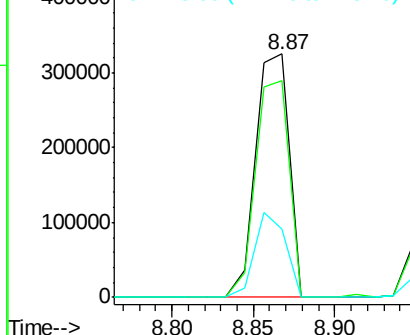
#37
2-Methylnaphthalene
Concen: 26.38 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 465379
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 28.1 22.6 33.8

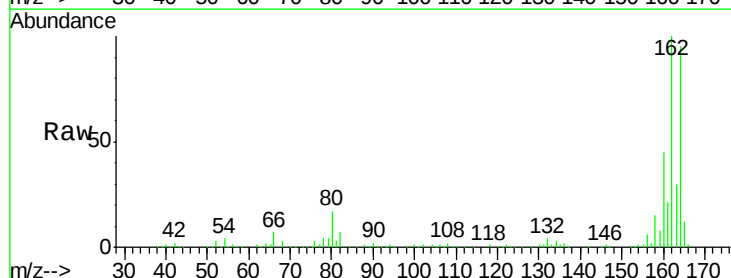


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

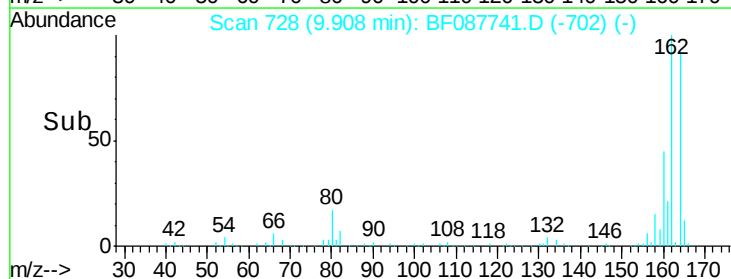
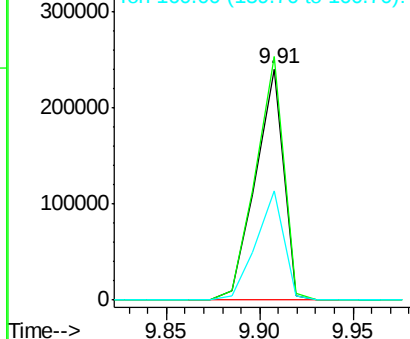


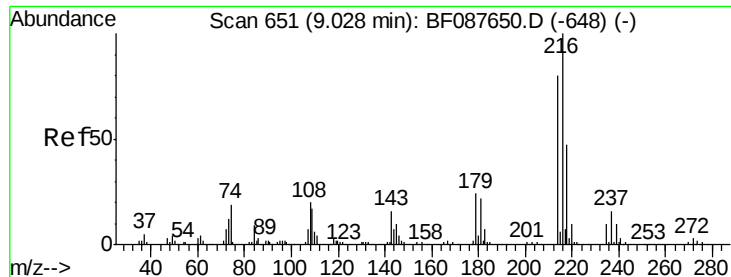
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:164 Resp: 248541
Ion Ratio Lower Upper
164 100
162 105.4 85.4 128.2
160 47.4 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.81 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 204220

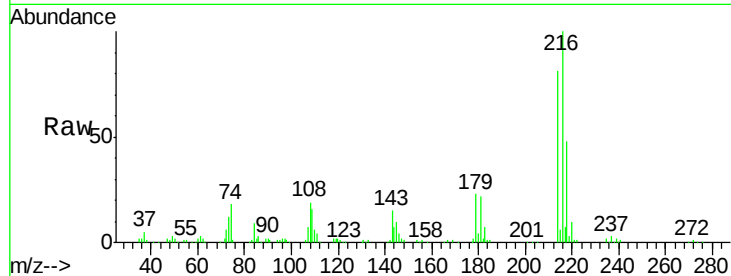
Ion Ratio Lower Upper

216 100

214 80.1 2.9 4.3#

179 23.0 0.0 0.0#

108 20.4 0.5 0.7#

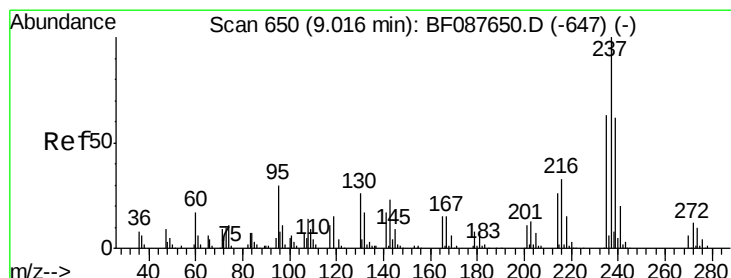
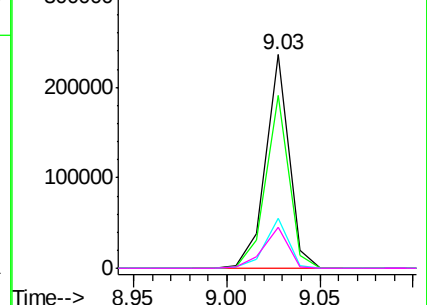
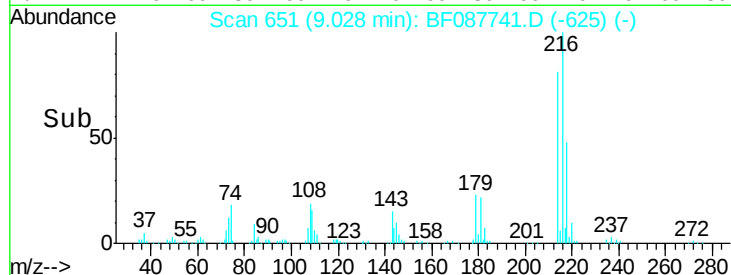


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 13.00 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

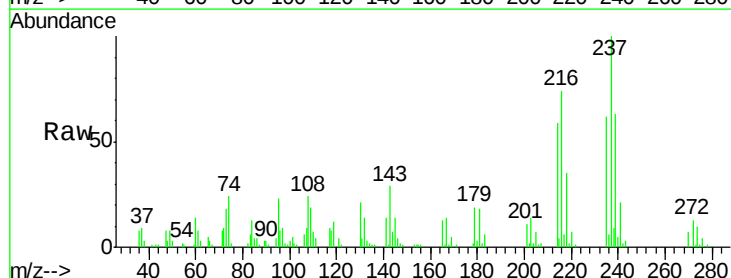
Tgt Ion:237 Resp: 52373

Ion Ratio Lower Upper

237 100

235 62.0 43.4 83.4

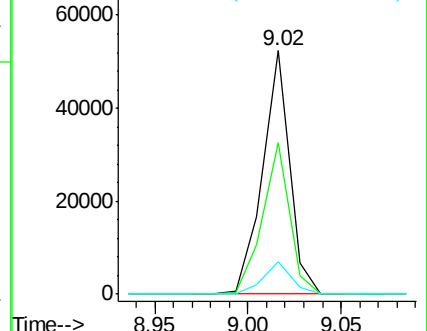
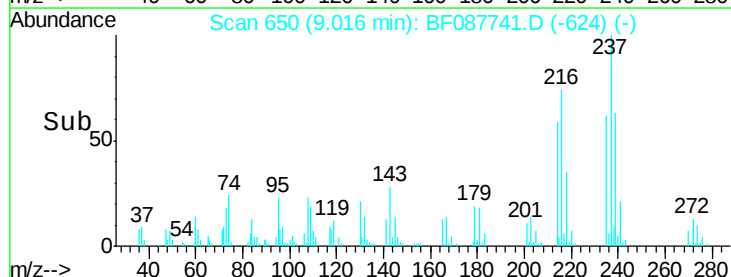
272 13.3 0.0 32.3

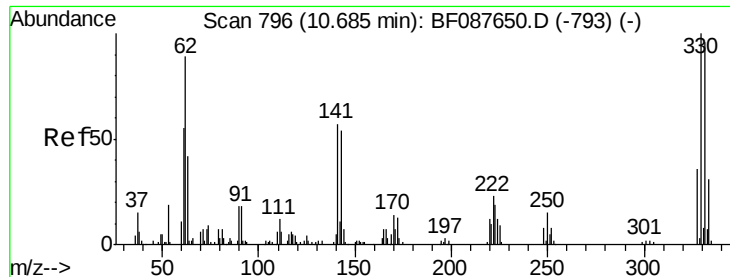


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

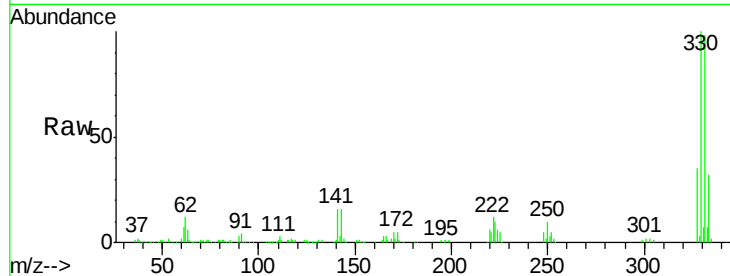




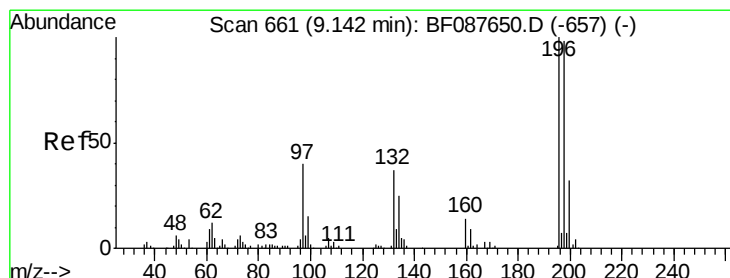
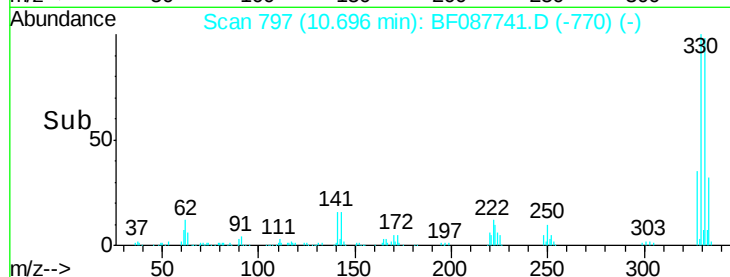
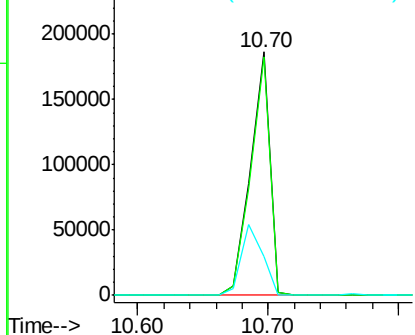
#41
 2,4,6-Tribromophenol
 Concen: 77.67 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 193767
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 31.9 0.0 0.0#

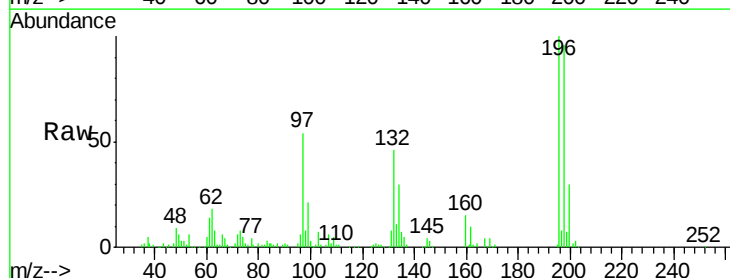


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

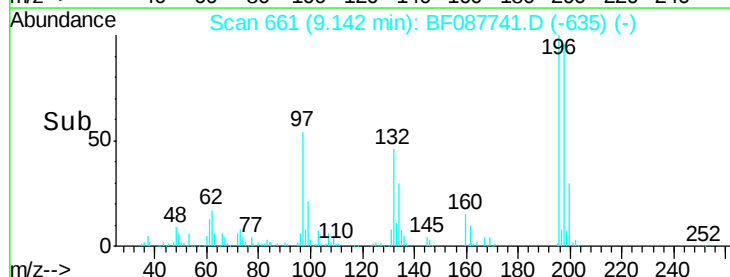
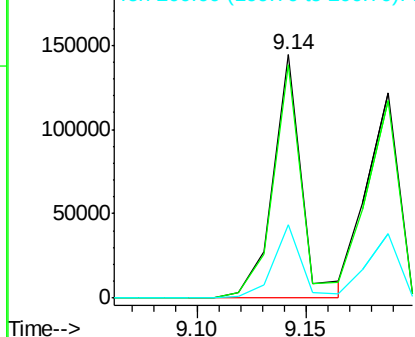


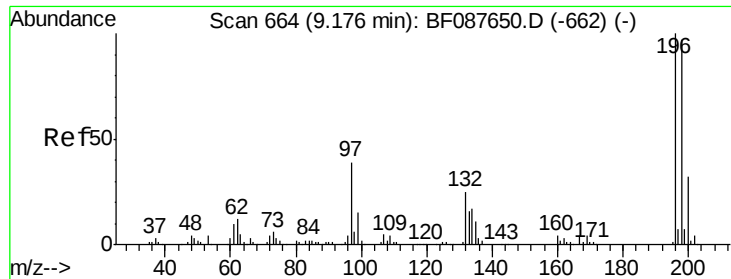
#42
 2,4,6-Trichlorophenol
 Concen: 25.75 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:196 Resp: 133227
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.0 117.0
 200 30.4 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

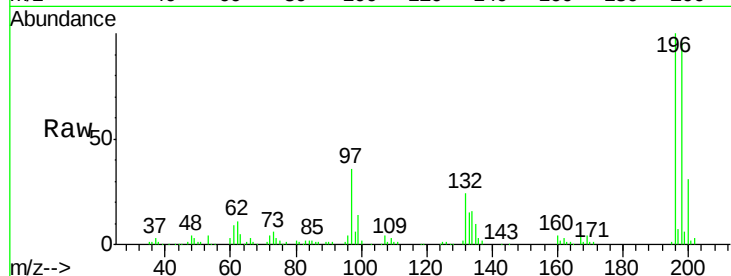




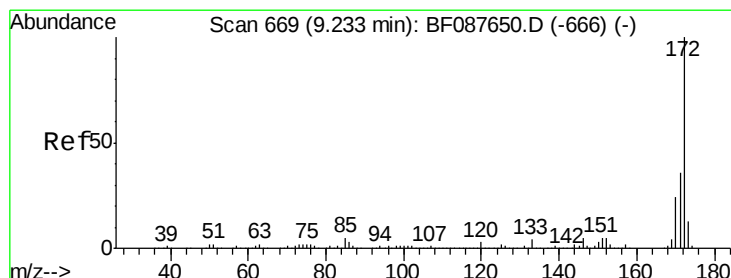
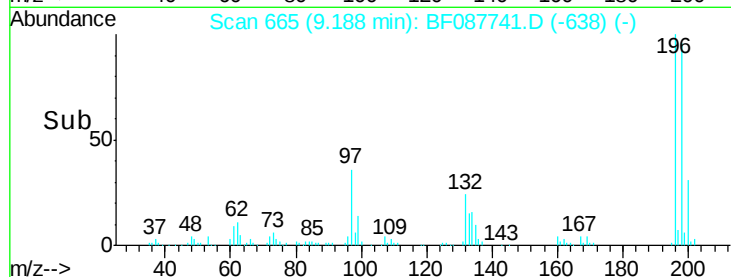
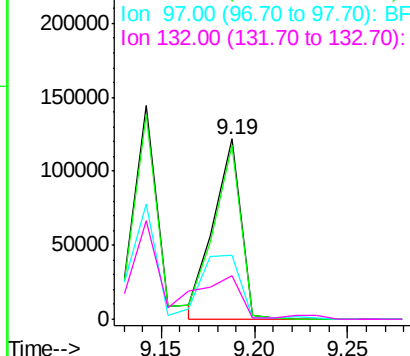
#43
 2,4,5-Trichlorophenol
 Concen: 25.79 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	124137
Ion Ratio	Lower	Upper
196	100	
198	96.5	77.5 116.3
97	35.7	32.0 48.0
132	23.9	20.9 31.3

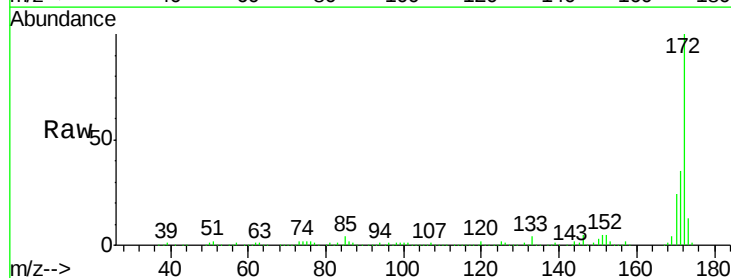


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

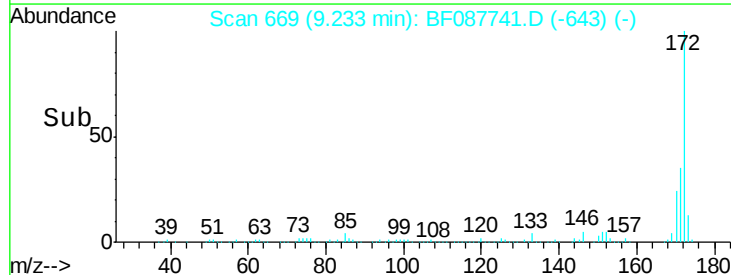
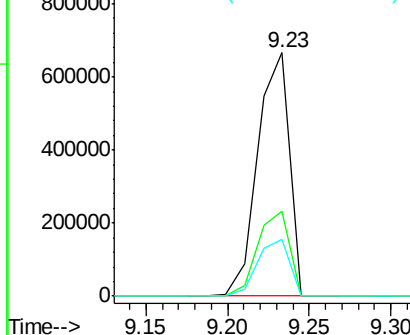


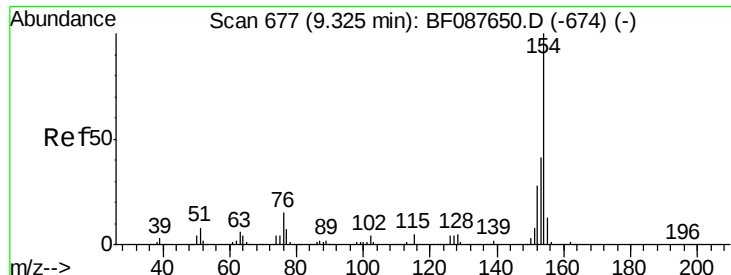
#44
 2-Fluorobiphenyl
 Concen: 48.68 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:172	Resp:	896615
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.6 43.0
170	23.5	19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

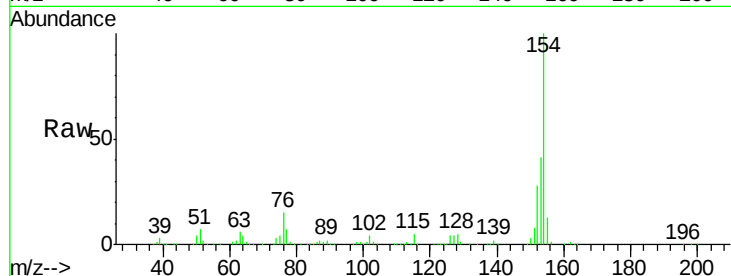




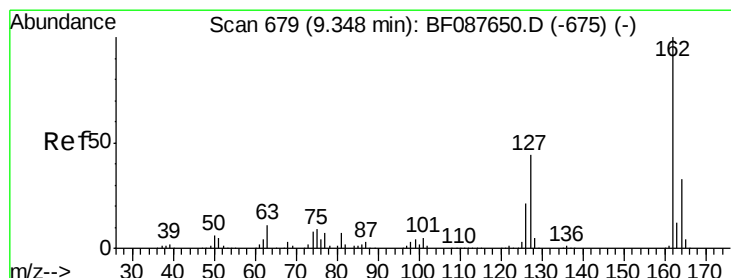
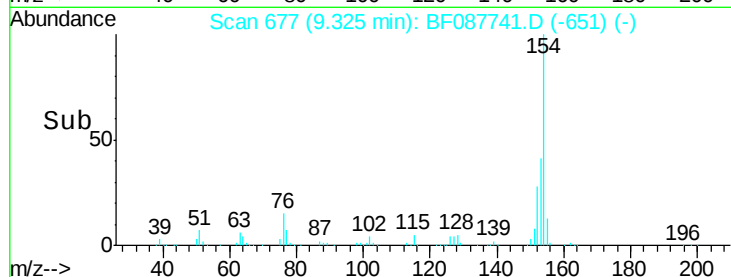
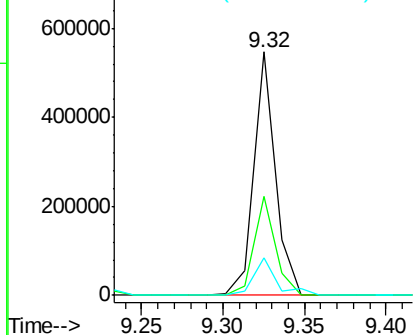
#45
 1,1'-Biphenyl
 Concen: 24.94 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 503061
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 15.2 0.0 35.1

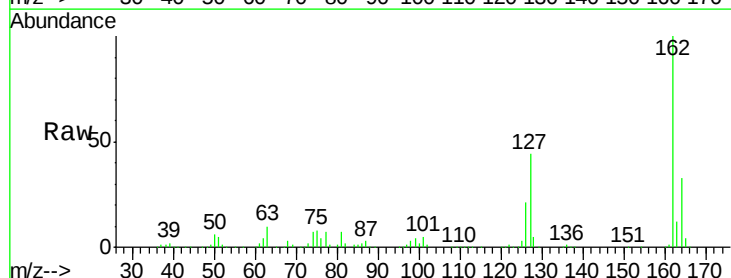


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

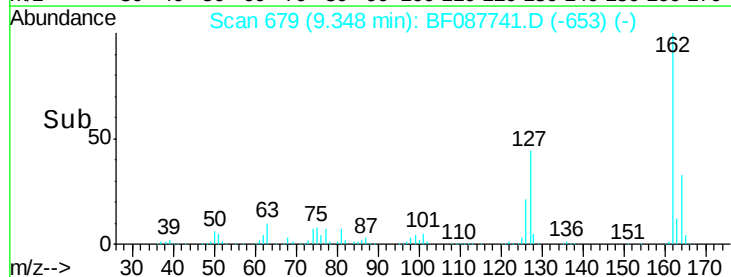
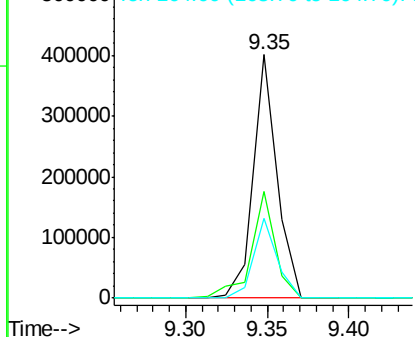


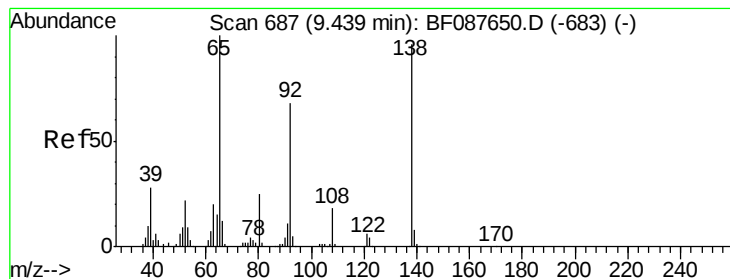
#46
 2-Chloronaphthalene
 Concen: 25.23 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:162 Resp: 405041
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.2 52.8
 164 32.7 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 31.87 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampled :

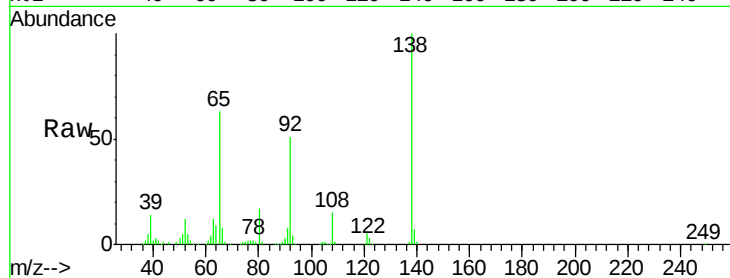
Tot Ion: 65 Resp: 144102

Ion Ratio Lower Upper

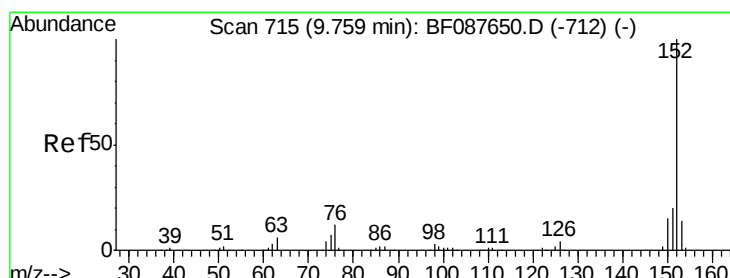
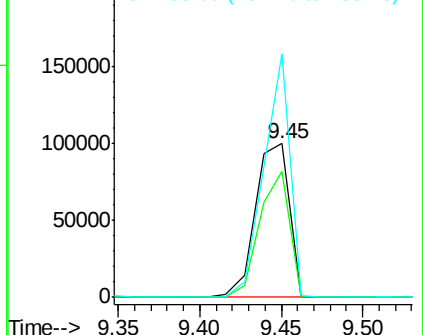
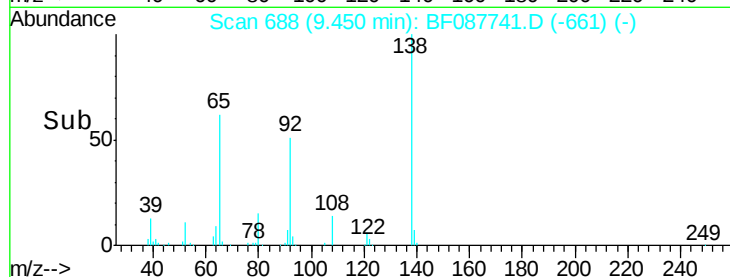
65 100

92 81.5 54.6 82.0

138 158.4 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 25.76 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

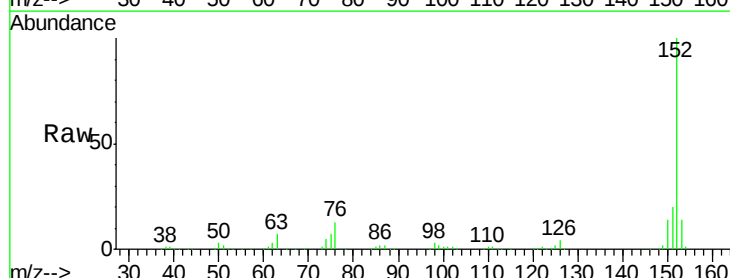
Tgt Ion: 152 Resp: 645008

Ion Ratio Lower Upper

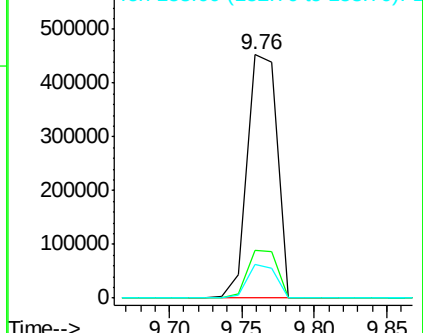
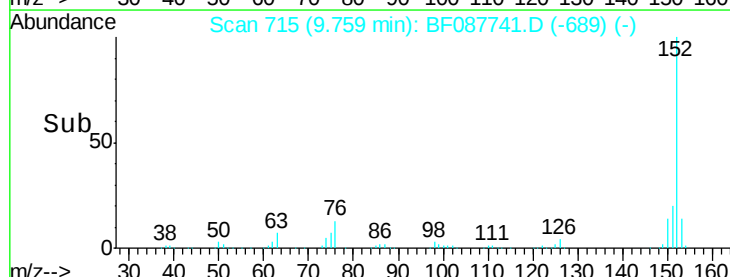
152 100

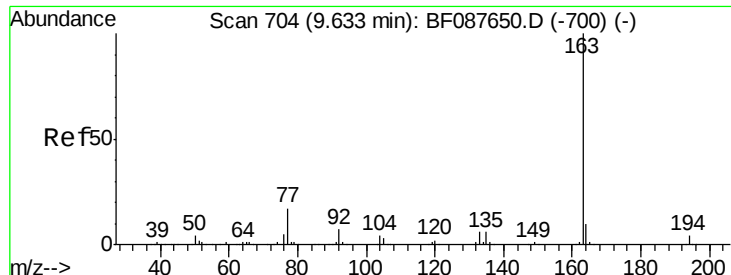
151 19.9 16.2 24.4

153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

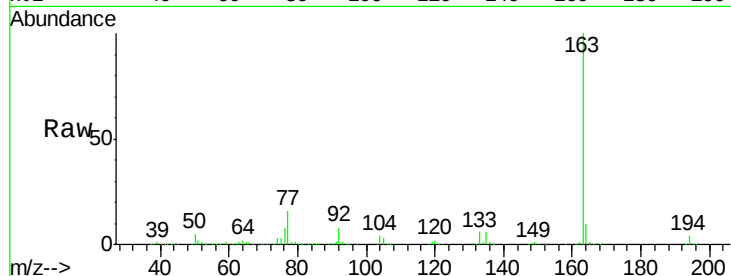




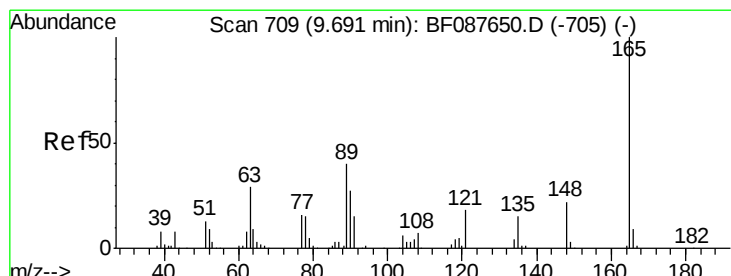
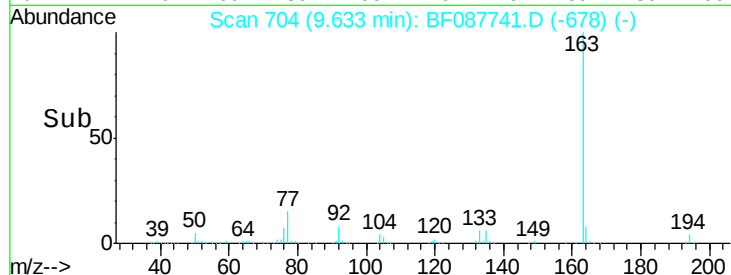
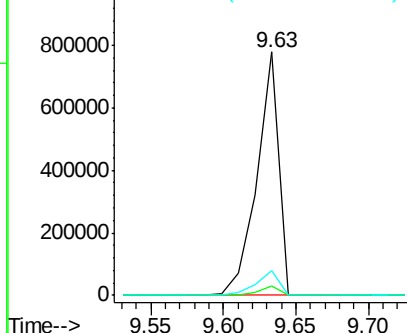
#49
Dimethylphthalate
Concen: 44.81 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 809613
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.2 8.3 12.5

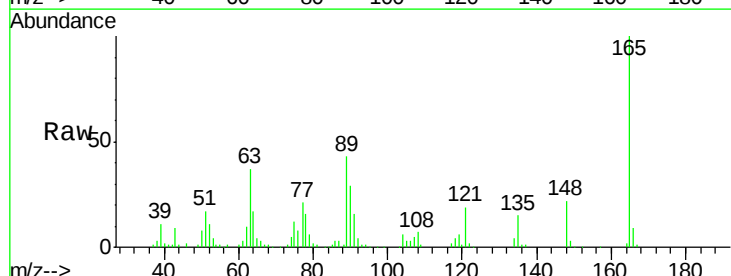


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

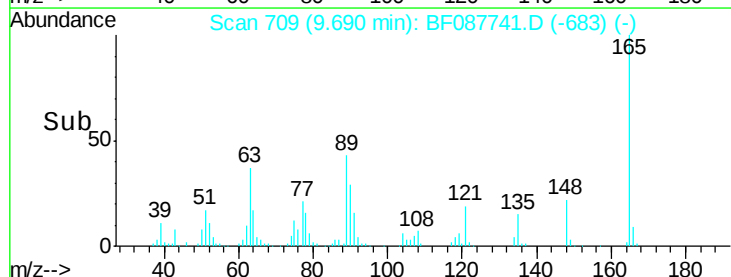
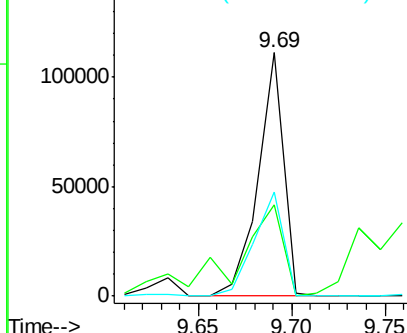


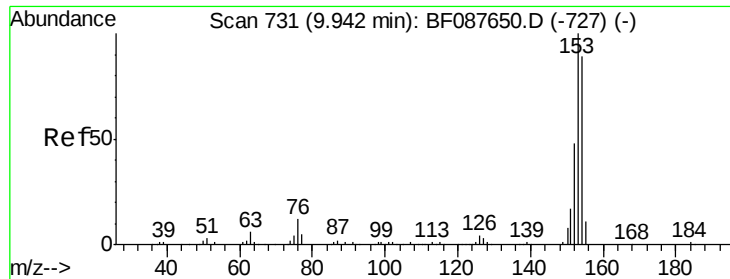
#50
2,6-Dinitrotoluene
Concen: 25.40 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:165 Resp: 104419
Ion Ratio Lower Upper
165 100
63 37.4 28.1 42.1
89 42.9 32.2 48.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.12 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

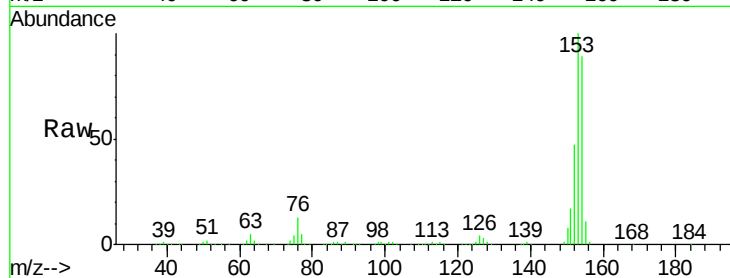
Tot Ion:154 Resp: 404647

Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

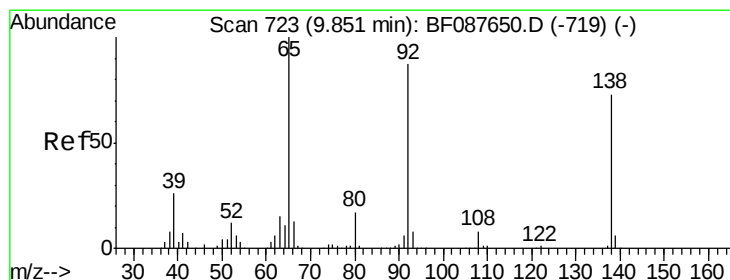
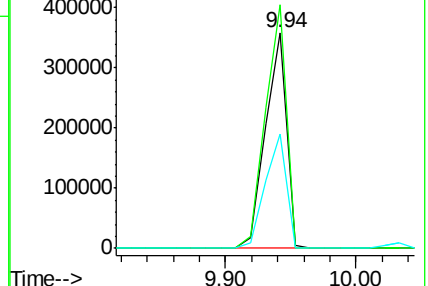
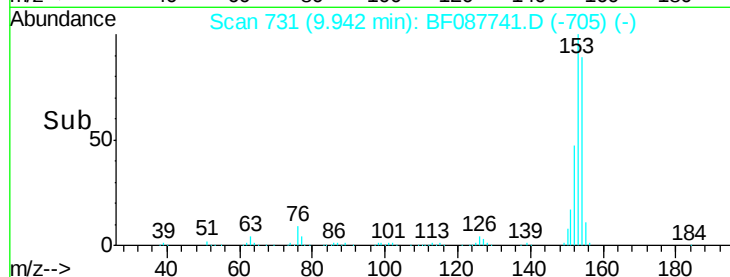
152 53.1 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.83 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

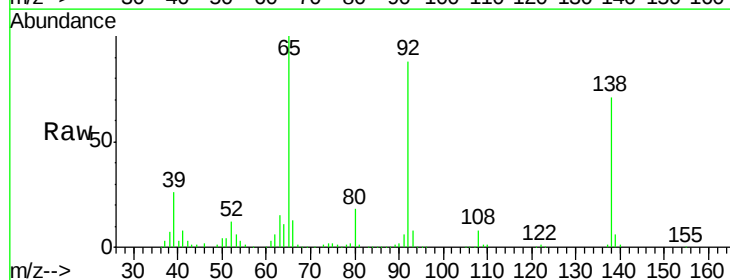
Tgt Ion:138 Resp: 130864

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

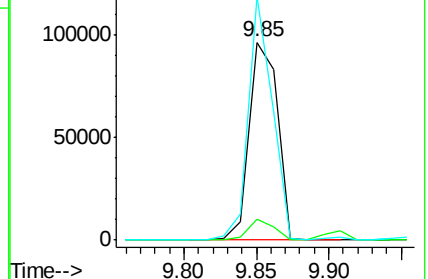
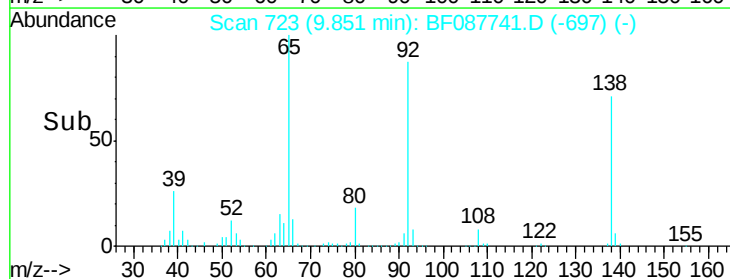
92 123.1 95.7 143.5

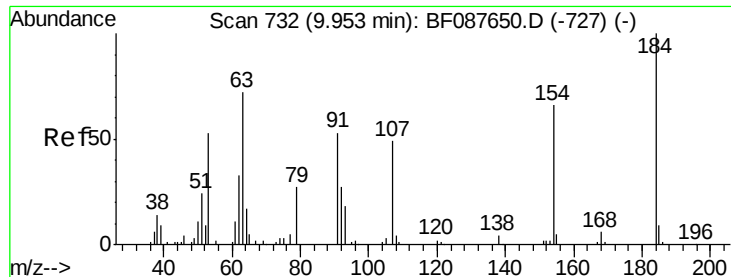


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

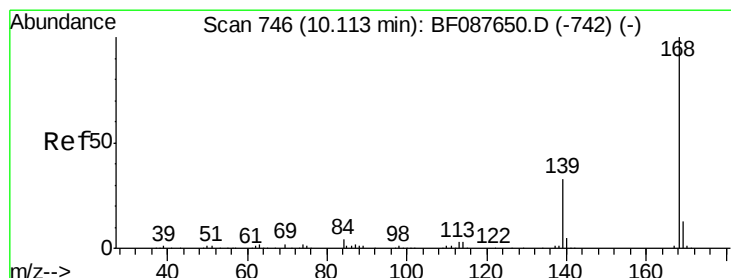
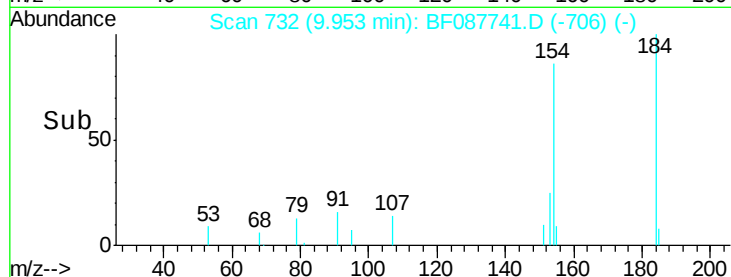
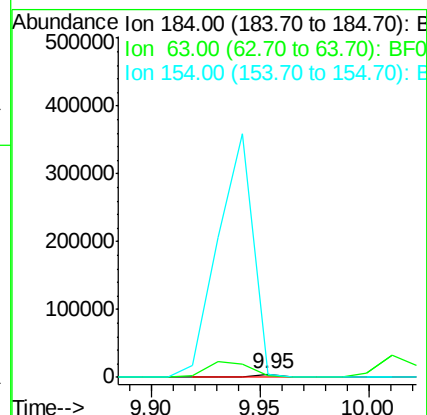
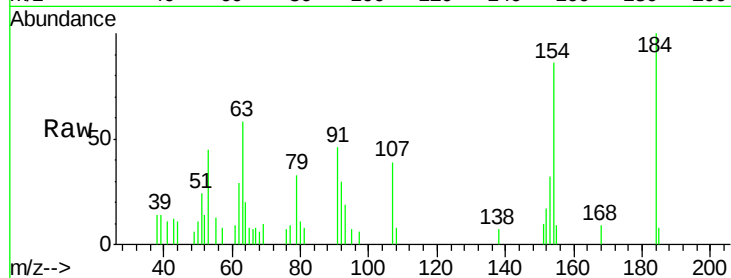




#53
 2,4-Dinitrophenol
 Concen: 6.30 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

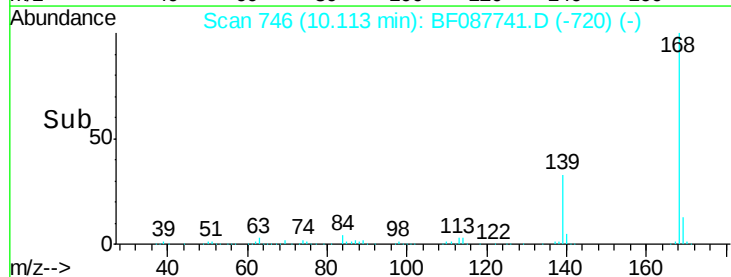
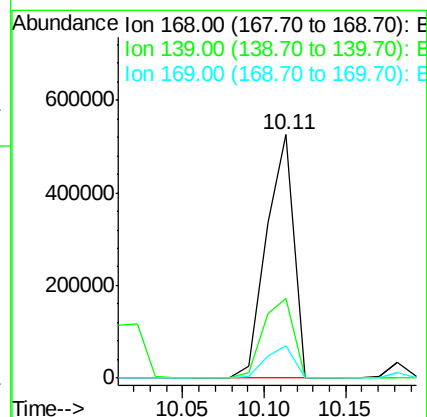
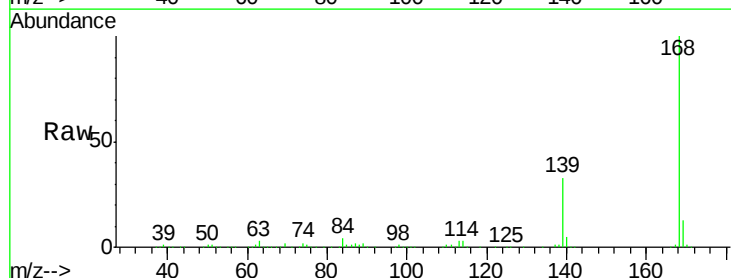
Instrument :
 BNA_F
 ClientSampled :

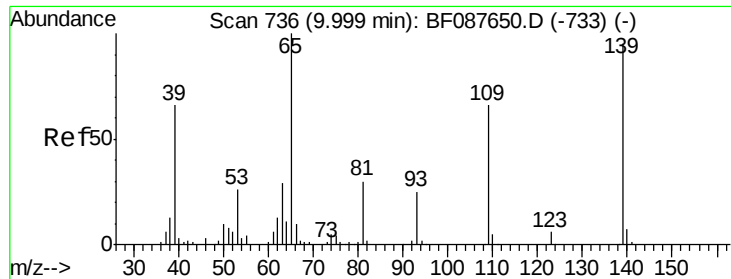
Tot Ion:184 Resp: 4754
 Ion Ratio Lower Upper
 184 100
 63 57.8 57.6 86.4
 154 86.4 53.5 80.3#



#54
 Dibenzofuran
 Concen: 27.85 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:168 Resp: 610856
 Ion Ratio Lower Upper
 168 100
 139 33.0 26.4 39.6
 169 13.3 10.4 15.6





#55

4-Nitrophenol

Concen: 43.43 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampled :

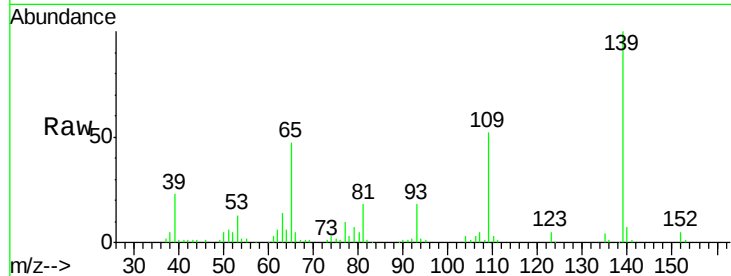
Tot Ion:139 Resp: 174532

Ion Ratio Lower Upper

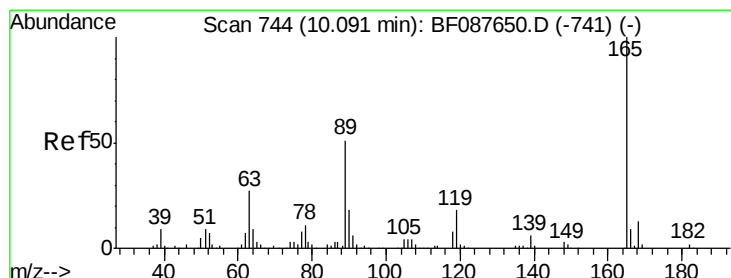
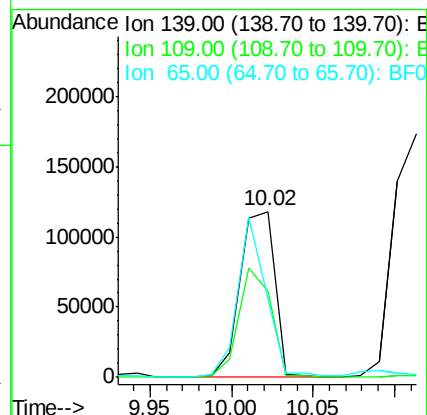
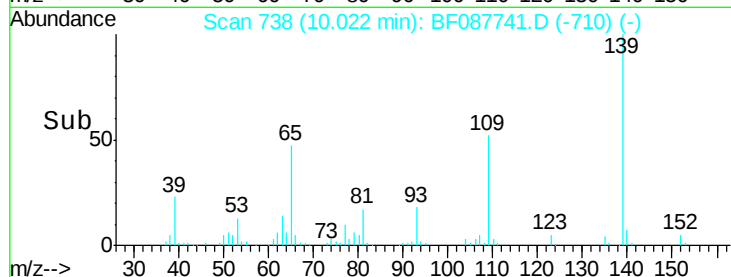
139 100

109 51.7 48.9 88.9

65 47.3 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 25.32 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Tgt Ion:165 Resp: 132575

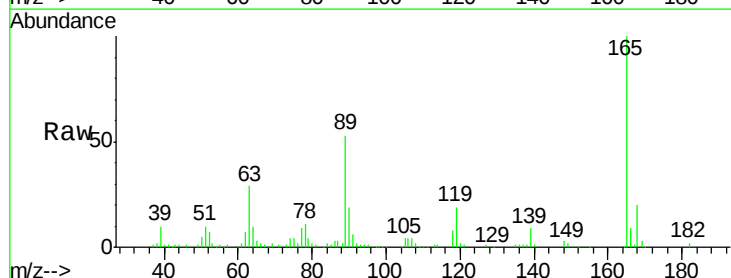
Ion Ratio Lower Upper

165 100

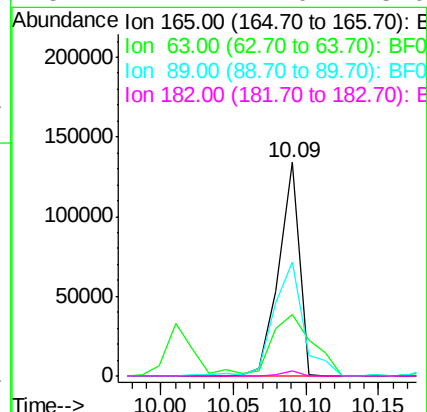
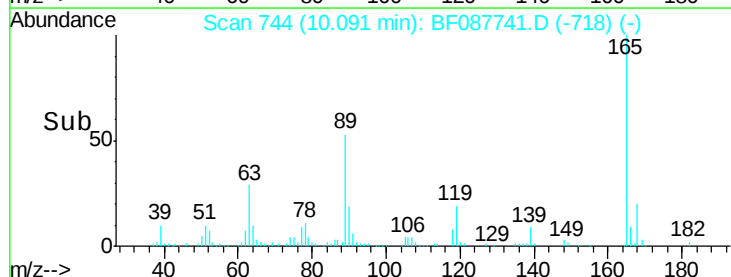
63 29.0 22.0 33.0

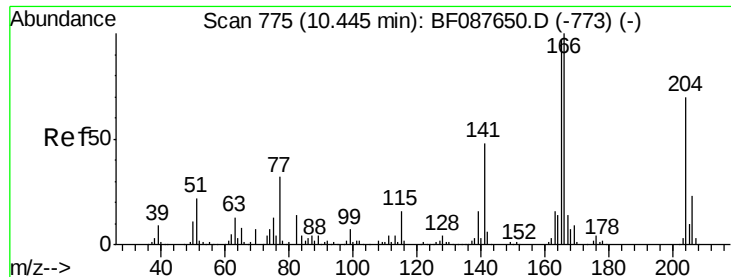
89 53.3 41.1 61.7

182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

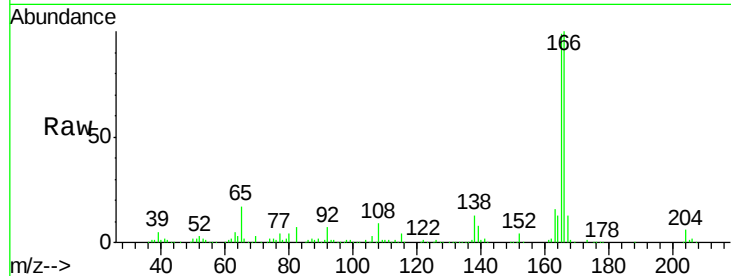




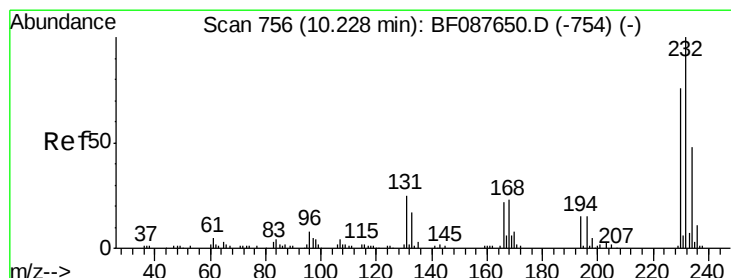
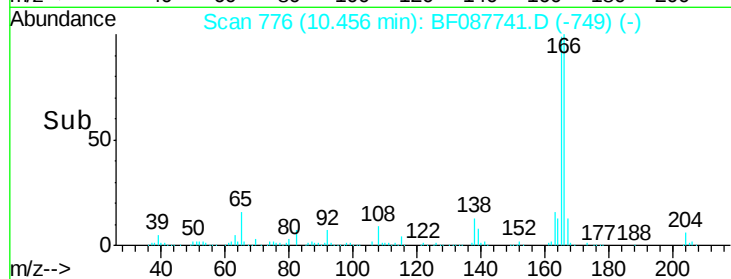
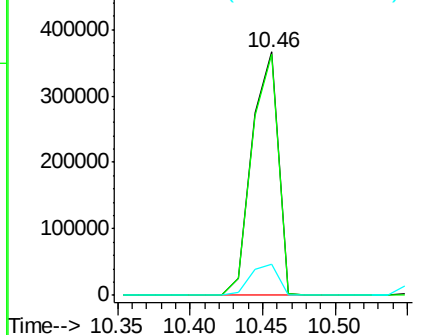
#57
 Fluorene
 Concen: 26.81 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 459715
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 12.9 11.2 16.8

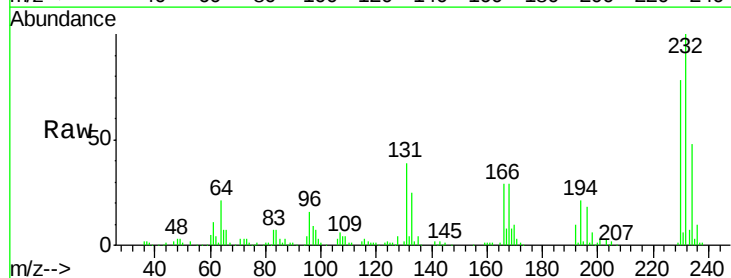


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

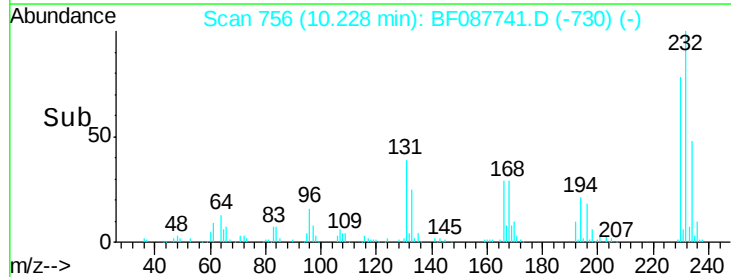
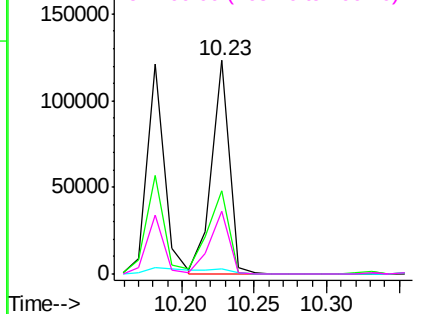


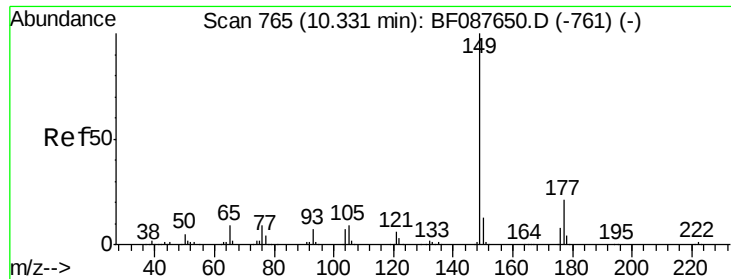
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.28 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:232 Resp: 104855
 Ion Ratio Lower Upper
 232 100
 131 46.7 0.9 1.3#
 130 0.0 1.5 2.3#
 166 32.1 0.5 0.7#



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

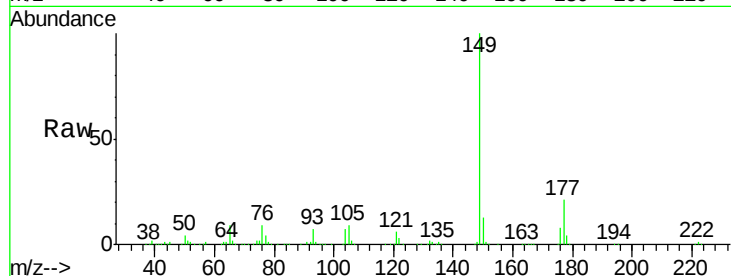




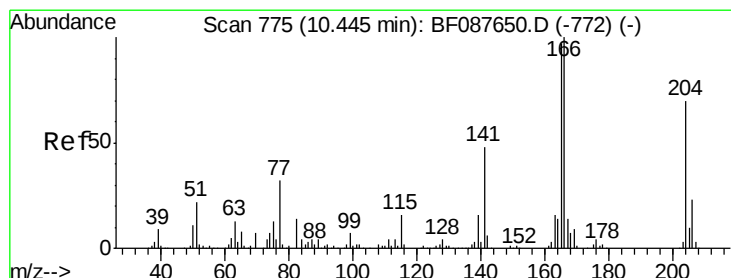
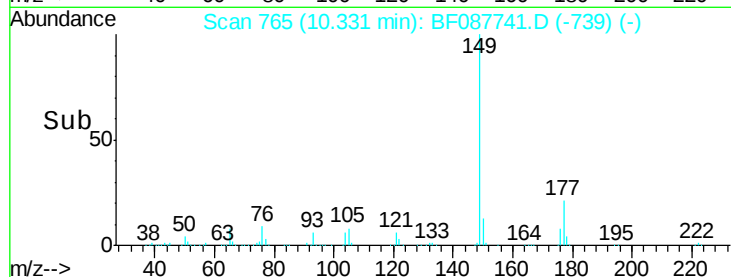
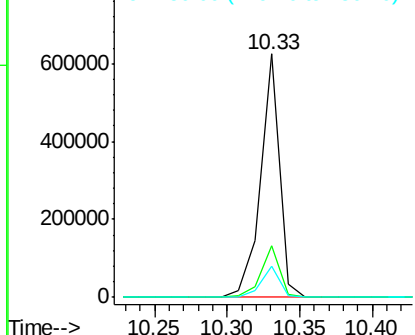
#59
Diethylphthalate
Concen: 31.10 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 564277
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.6 10.1 15.1

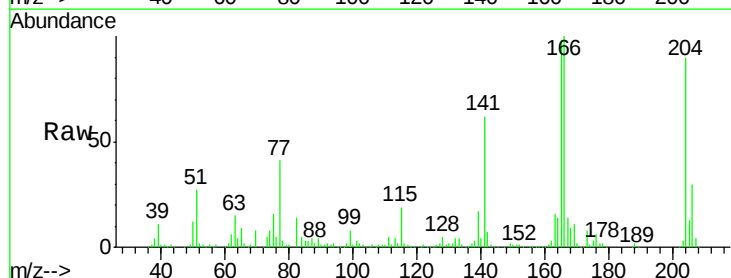


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

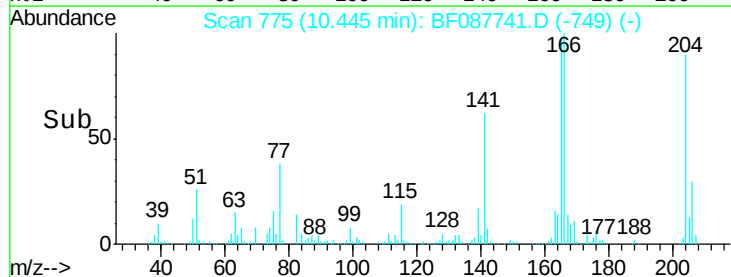
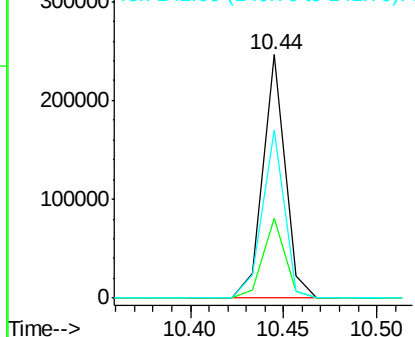


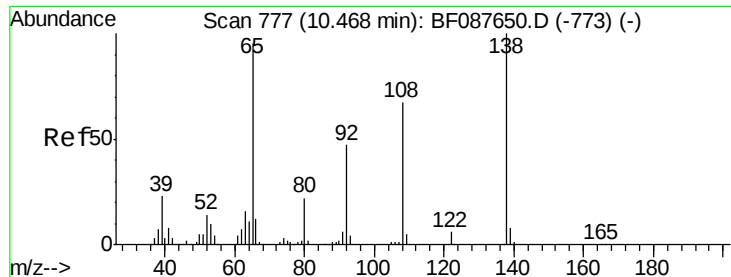
#60
4-Chlorophenyl-phenylether
Concen: 26.01 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:204 Resp: 201967
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 69.0 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

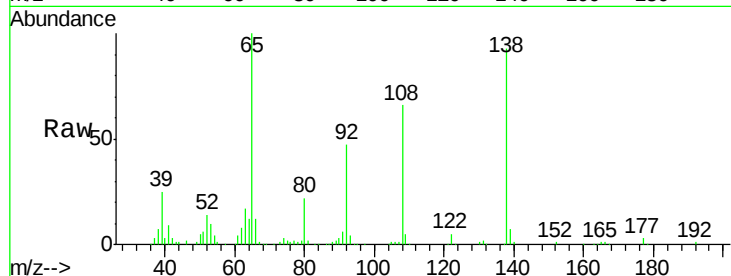




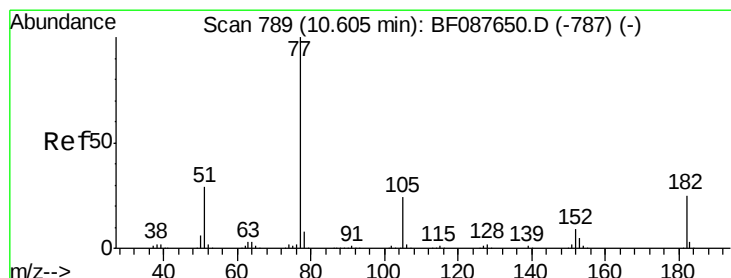
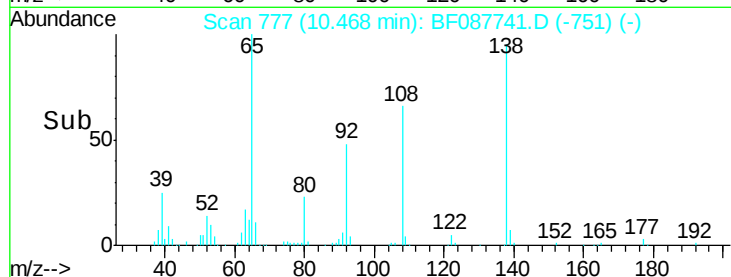
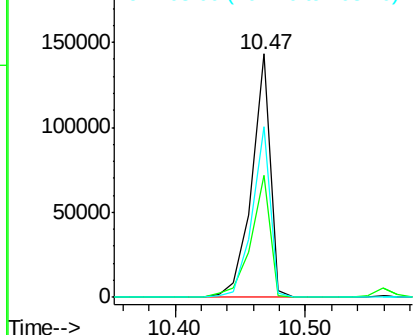
#61
4-Nitroaniline
Concen: 31.33 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 141620
Ion Ratio Lower Upper
138 100
92 50.0 27.3 67.3
108 70.1 46.7 86.7

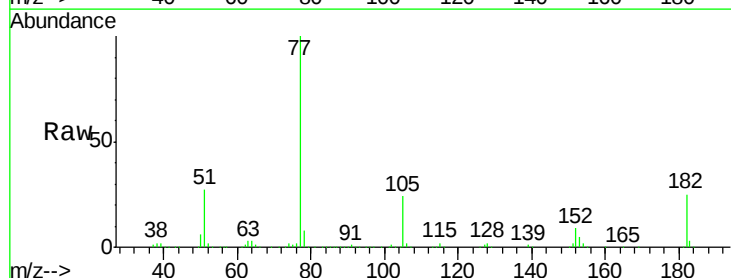


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

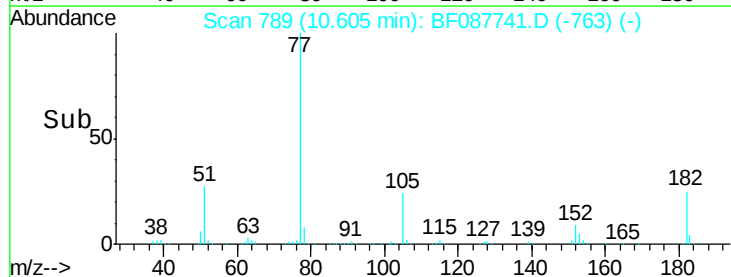
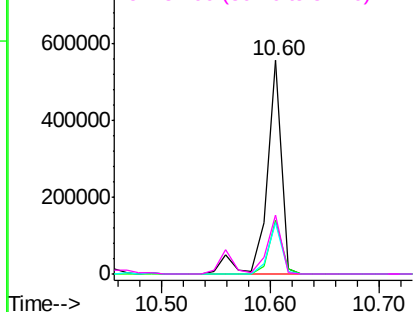


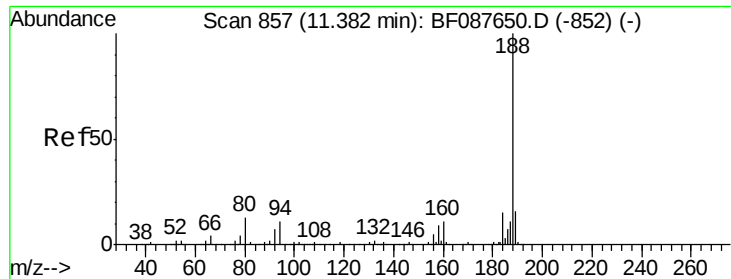
#62
Azobenzene
Concen: 29.29 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion: 77 Resp: 534995
Ion Ratio Lower Upper
77 100
182 25.1 4.4 44.4
105 24.1 3.8 43.8
51 27.4 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

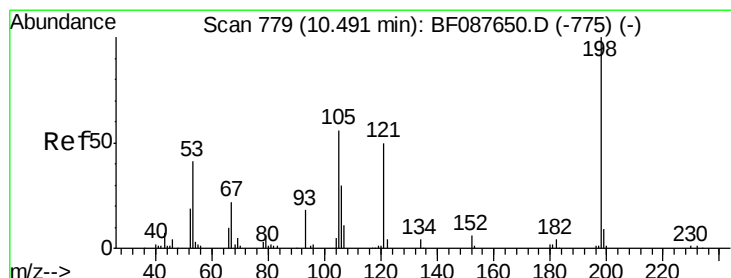
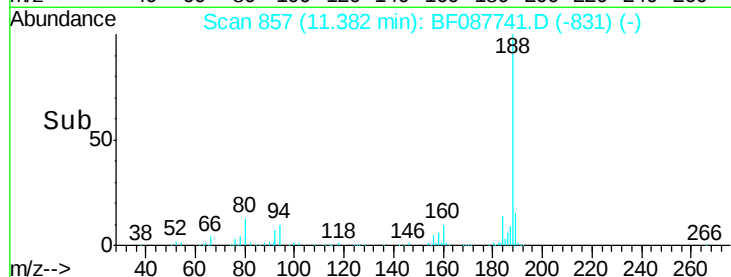
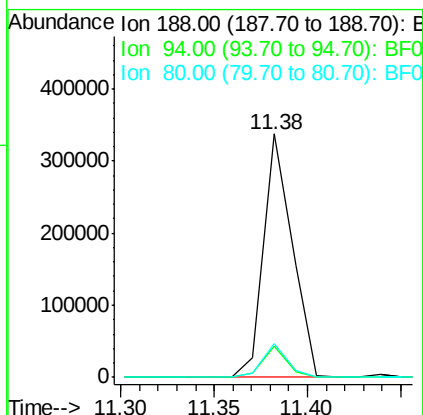
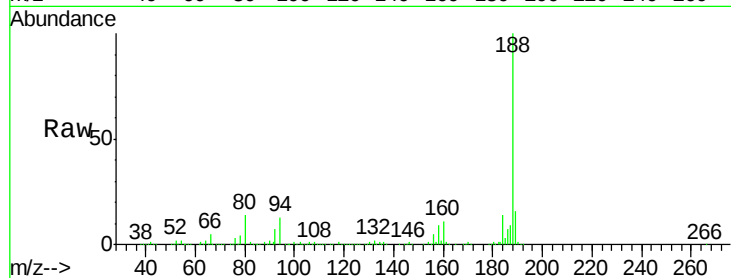




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

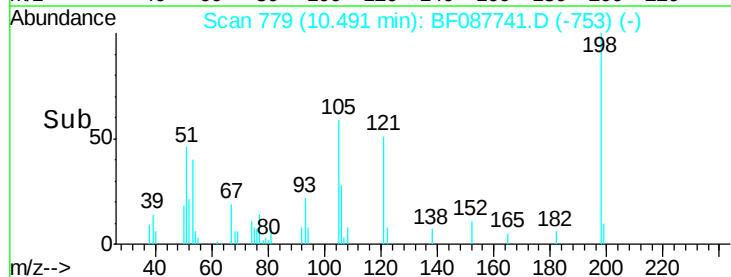
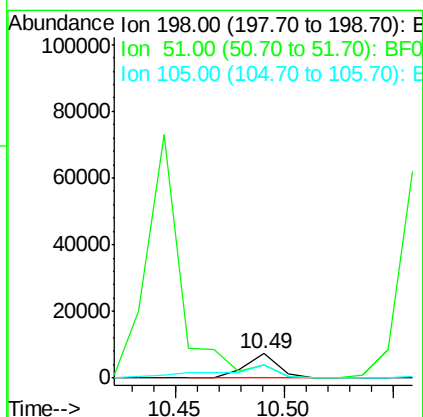
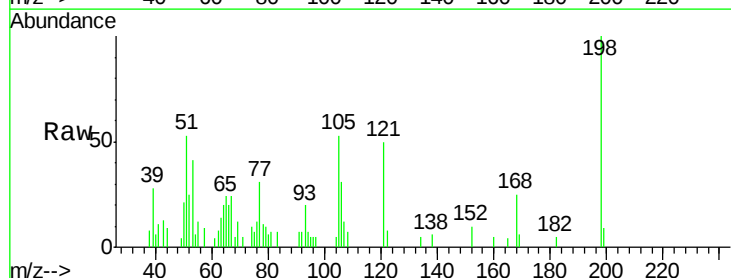
Instrument :
BNA_F
ClientSampleId :

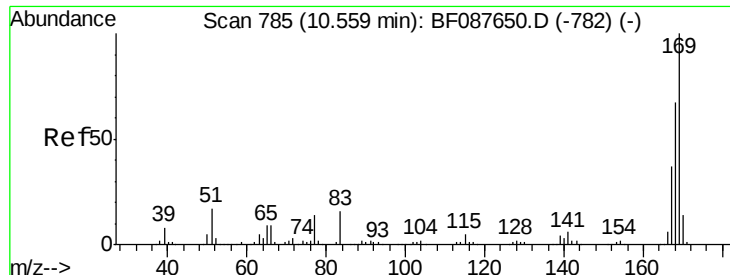
Tot Ion:188 Resp: 358637
Ion Ratio Lower Upper
188 100
94 12.6 9.0 13.6
80 13.6 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 5.73 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:198 Resp: 7725
Ion Ratio Lower Upper
198 100
51 53.2 39.6 79.6
105 53.1 36.6 76.6

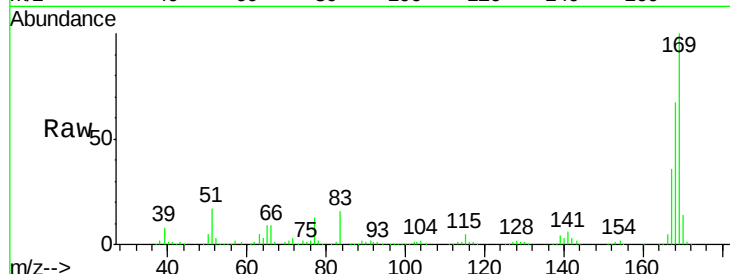




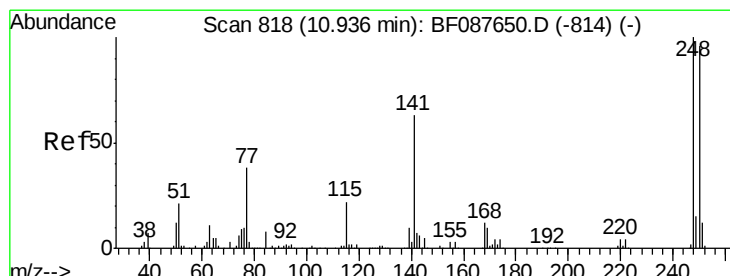
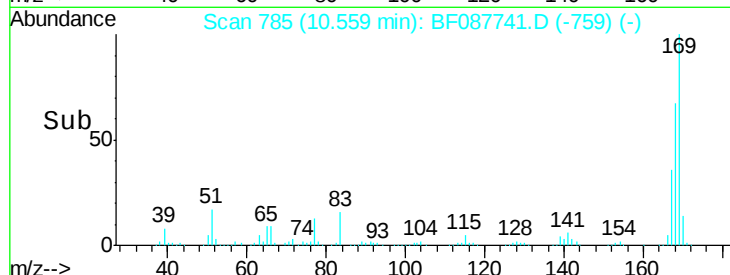
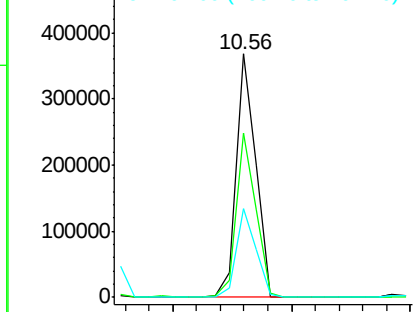
#65
 n-Nitrosodiphenylamine
 Concen: 35.72 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.4	80.0
167	36.5	29.4	44.0

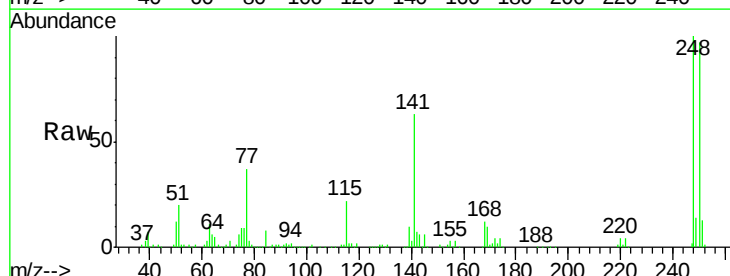


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

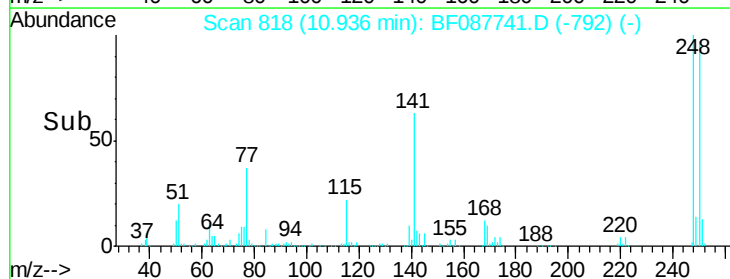
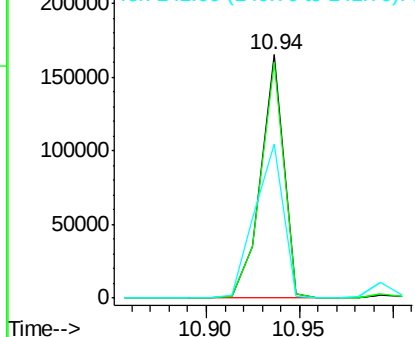


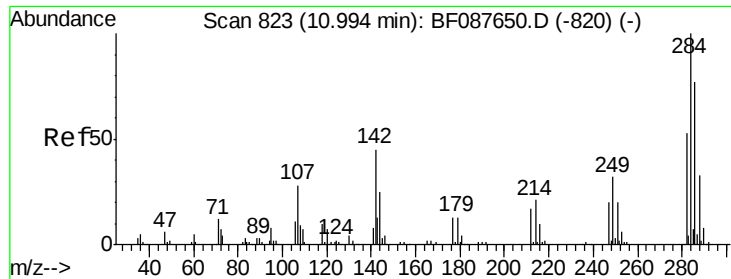
#66
 4-Bromophenyl-phenylether
 Concen: 39.59 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	63.3	50.6	76.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

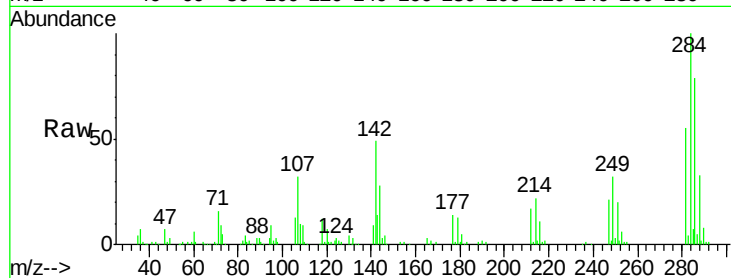




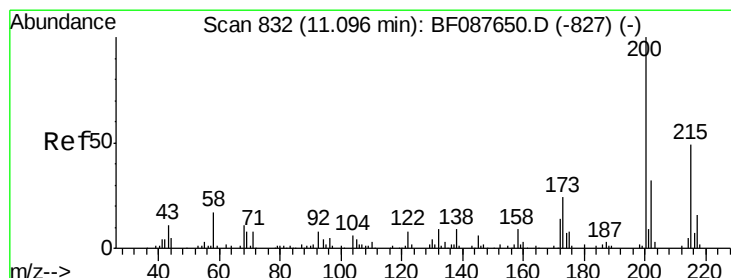
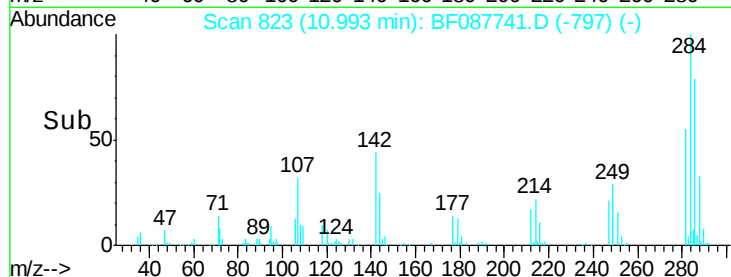
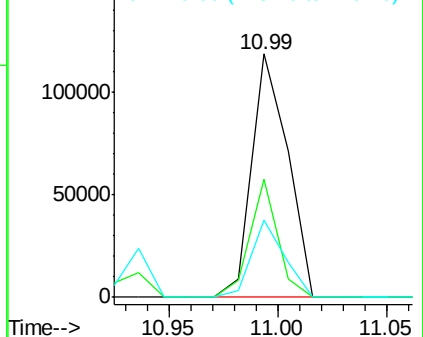
#67
Hexachlorobenzene
Concen: 34.31 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	48.7	35.8	53.8
249	31.6	25.8	38.6

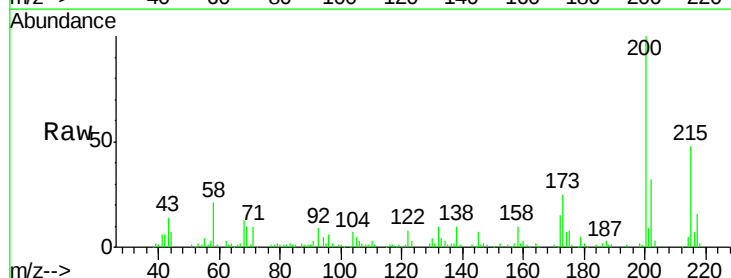


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

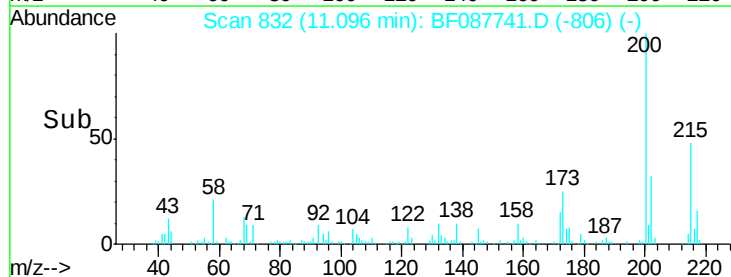
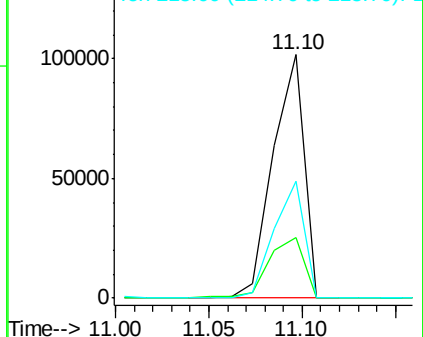


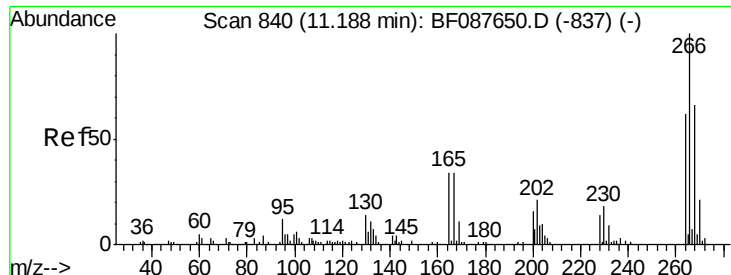
#68
Atrazine
Concen: 33.92 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.0	44.0
215	48.0	29.3	69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

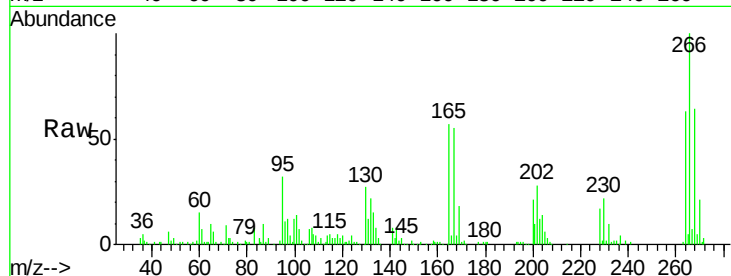




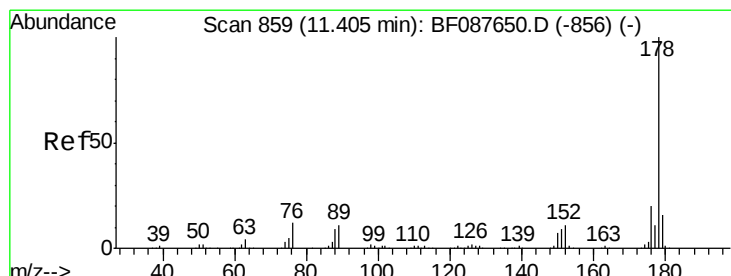
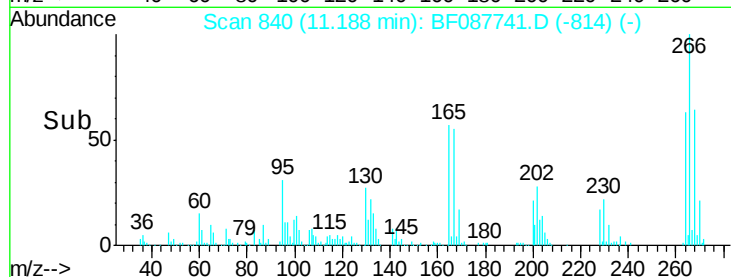
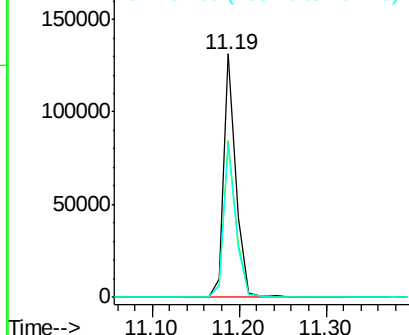
#69
 Pentachlorophenol
 Concen: 55.65 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 131506
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.8 79.2
 264 62.9 49.6 74.4

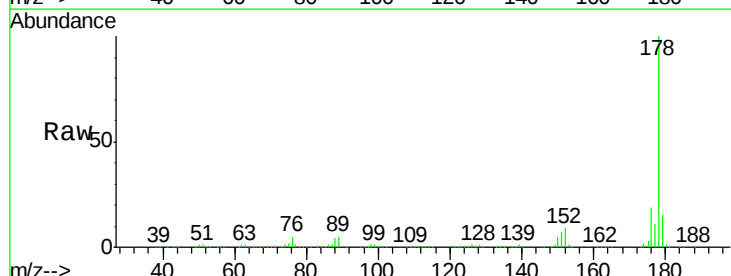


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

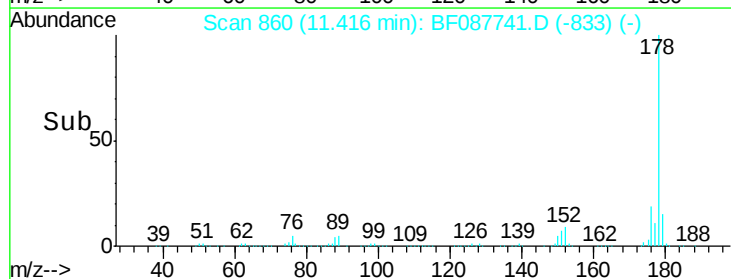
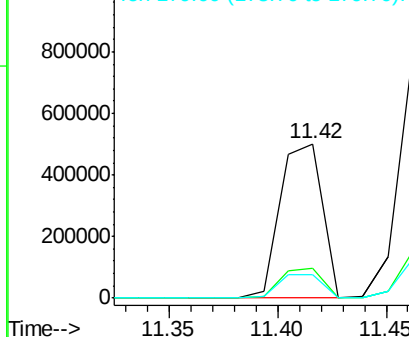


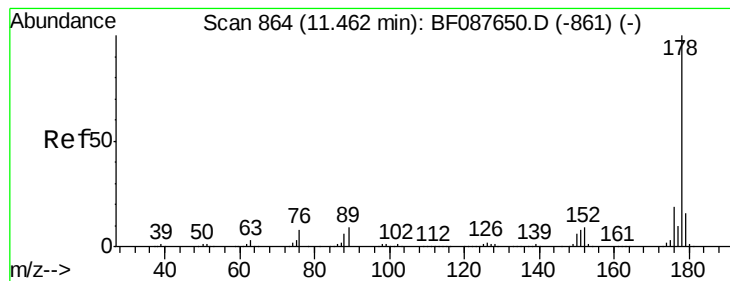
#70
 Phenanthrene
 Concen: 35.13 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:178 Resp: 683065
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 15.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.75 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampled :

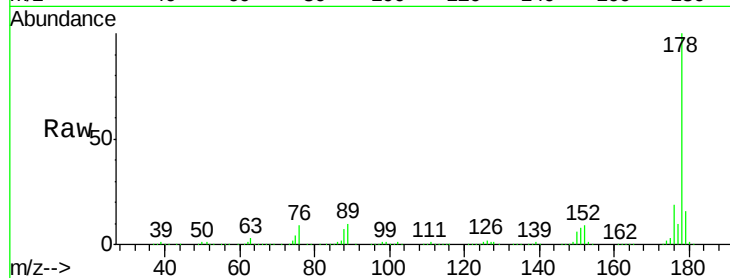
Tot Ion:178 Resp: 677042

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

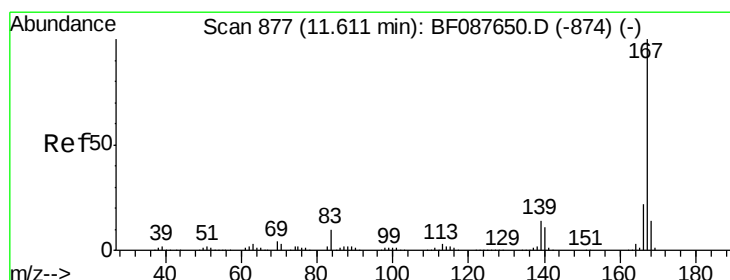
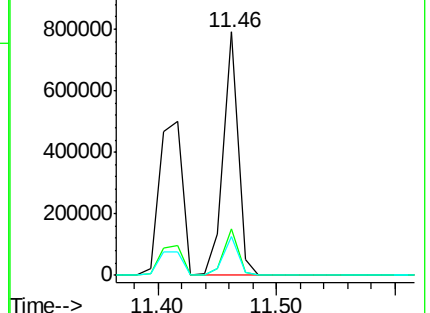
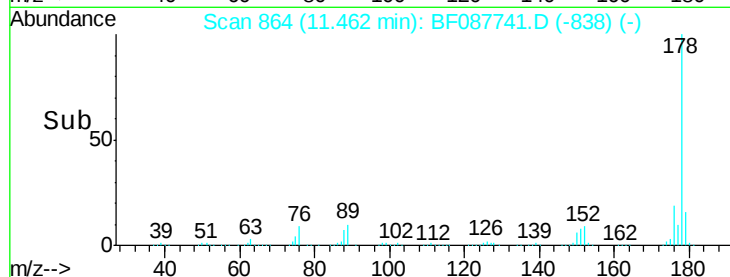
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.34 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

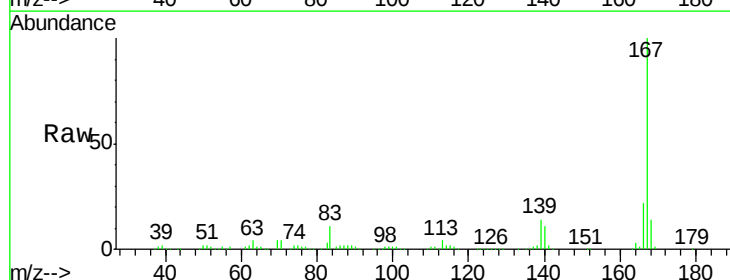
Tgt Ion:167 Resp: 633437

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

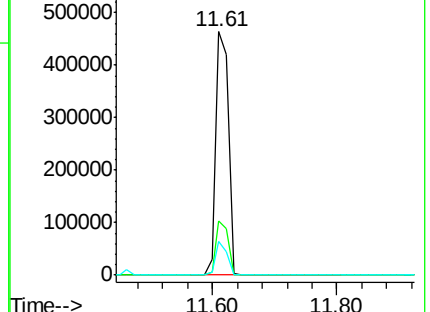
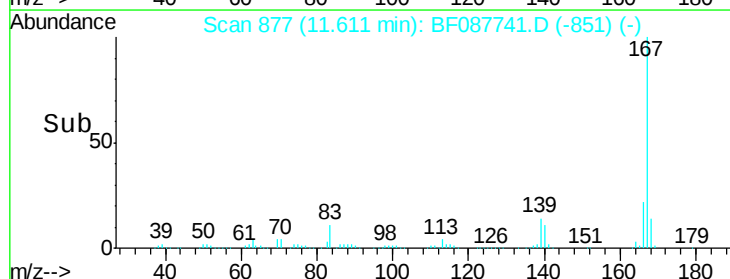
139 14.0 11.2 16.8

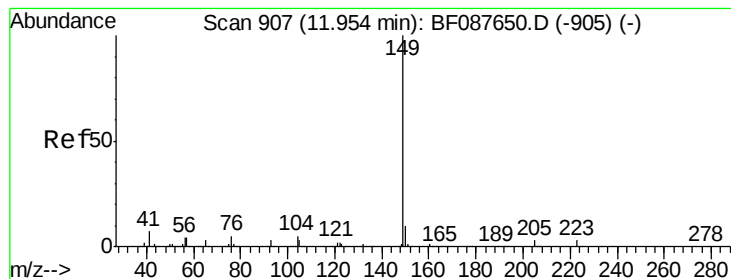


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.80 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

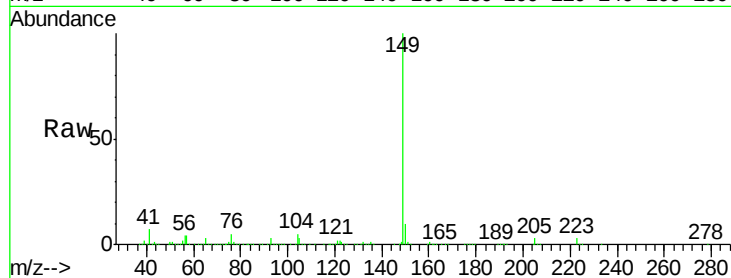
Tot Ion:149 Resp: 806829

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

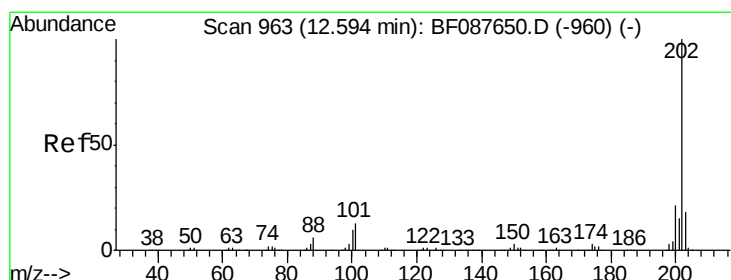
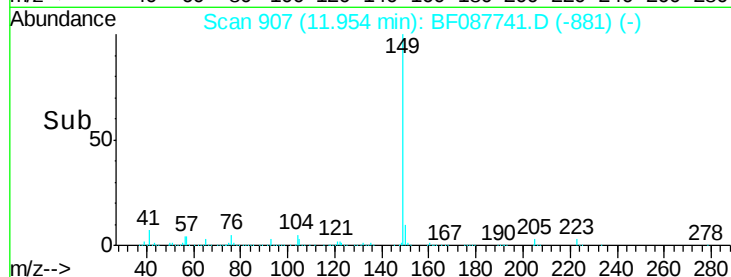
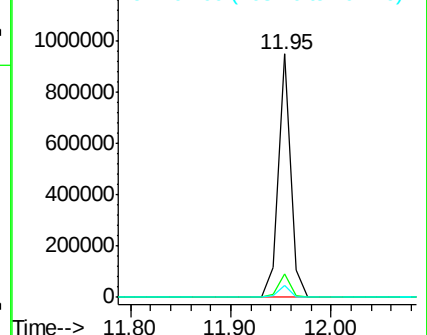
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.57 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

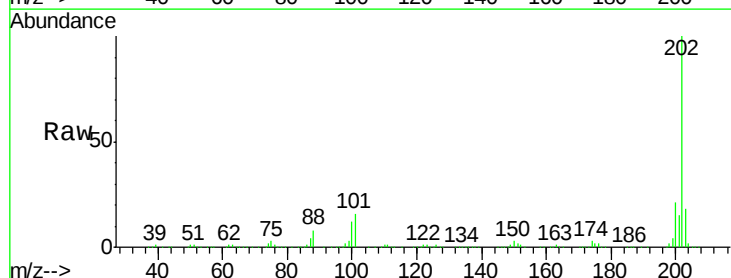
Tgt Ion:202 Resp: 699700

Ion Ratio Lower Upper

202 100

101 16.1 0.0 33.1

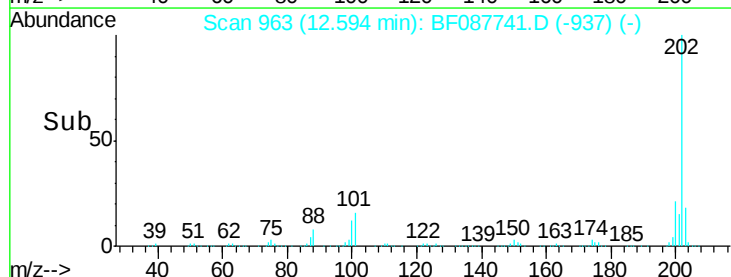
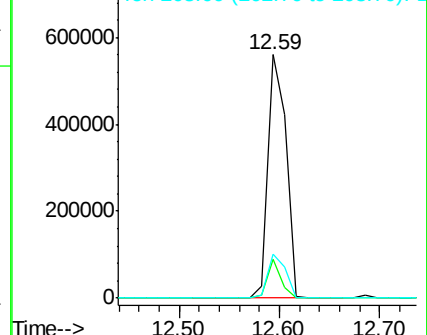
203 18.2 0.0 38.1

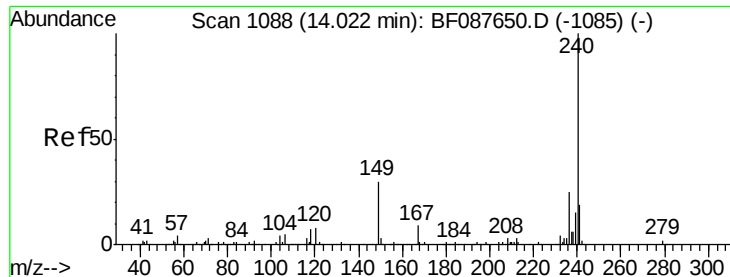


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

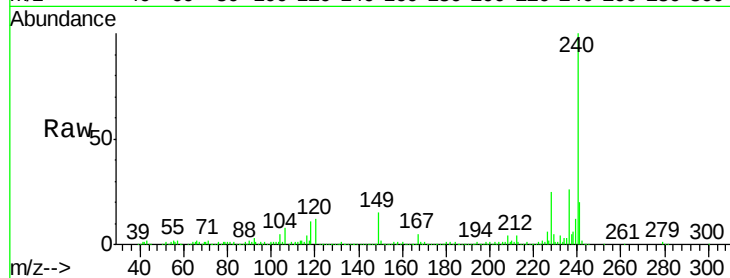
Tot Ion:240 Resp: 278863

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.02

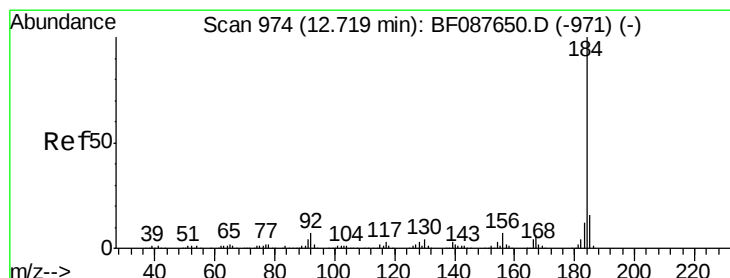
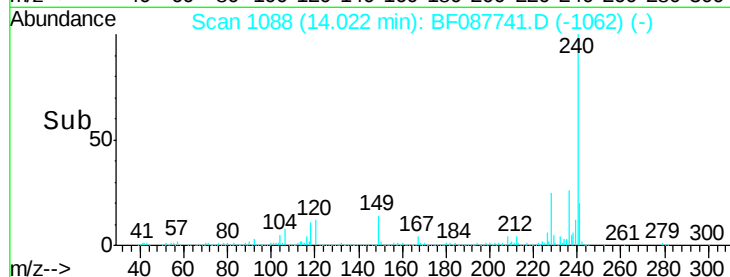
300000

200000

100000

0

Time--> 13.90 14.00 14.10 14.20



#76

Benzidine

Concen: 14.83 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

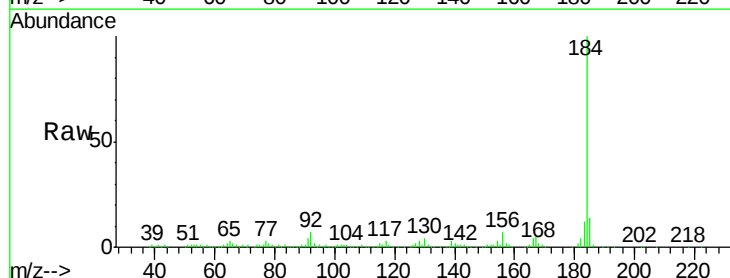
Tgt Ion:184 Resp: 163027

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.72

200000

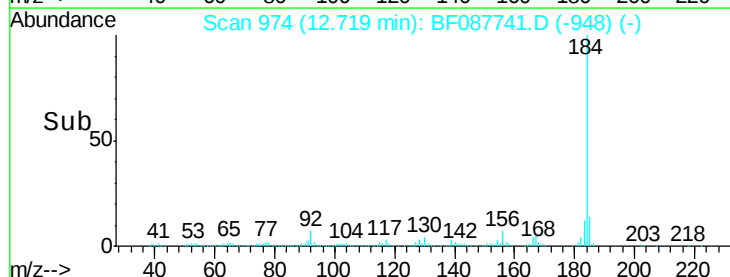
150000

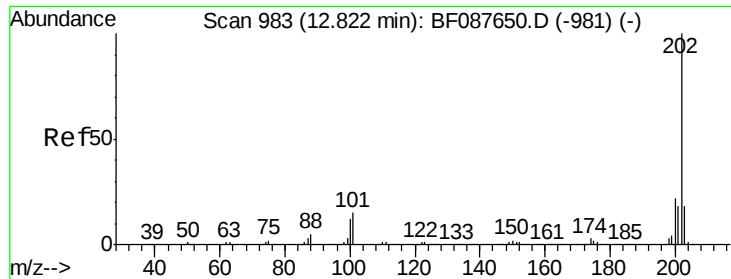
100000

50000

0

Time--> 12.60 12.80 13.00

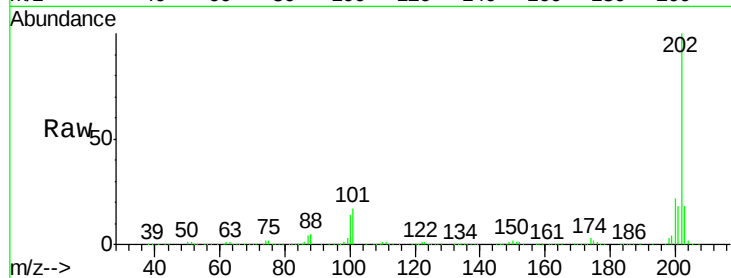




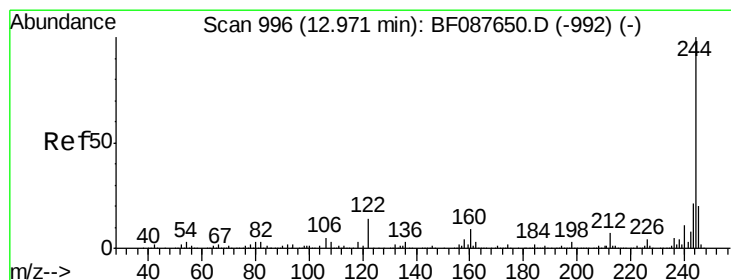
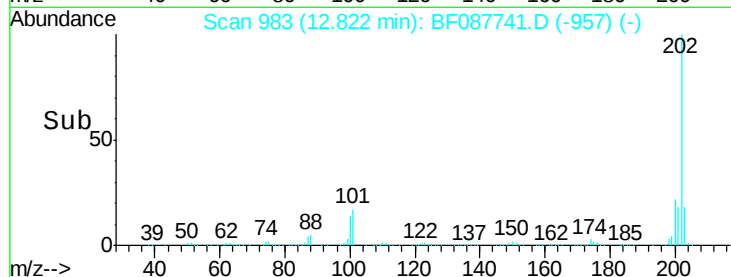
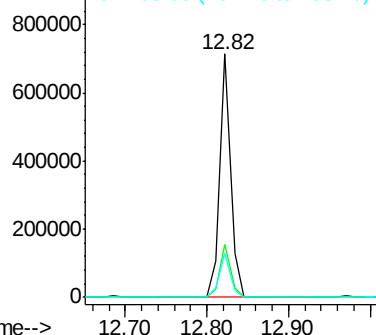
#77
 Pvrene
 Concen: 33.02 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 655734
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 18.0 14.5 21.7

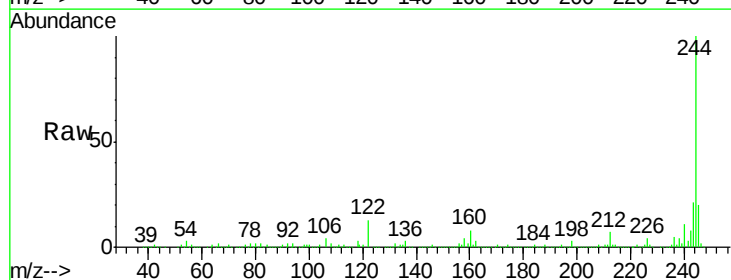


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

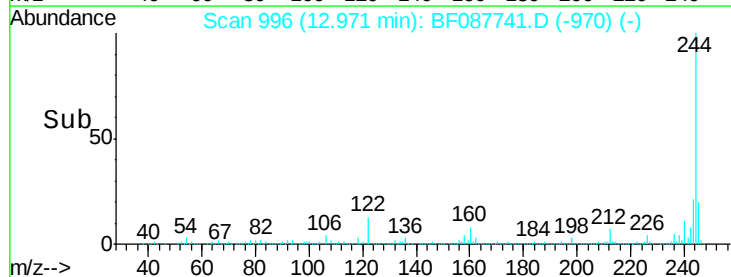
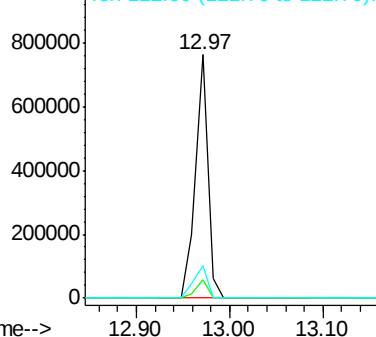


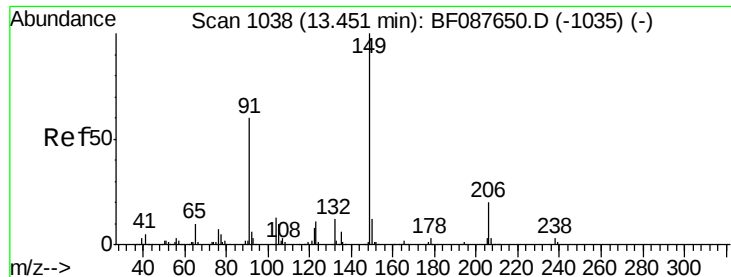
#78
 Terphenyl-d14
 Concen: 61.91 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:244 Resp: 707548
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.3 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

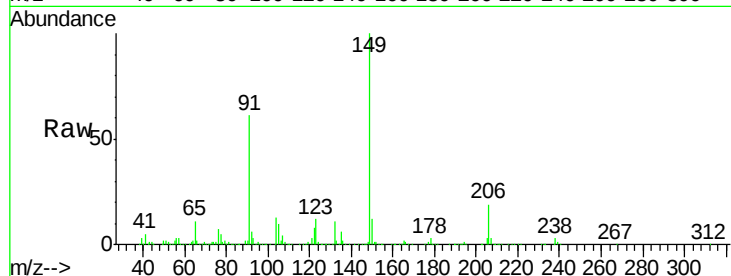




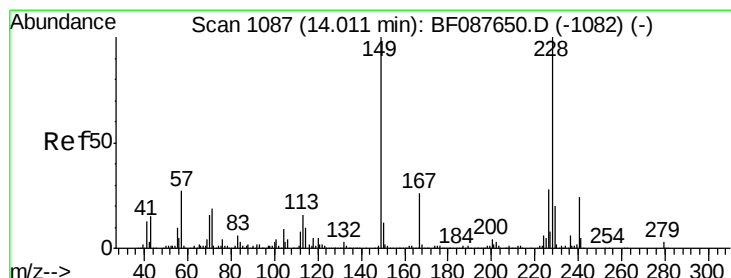
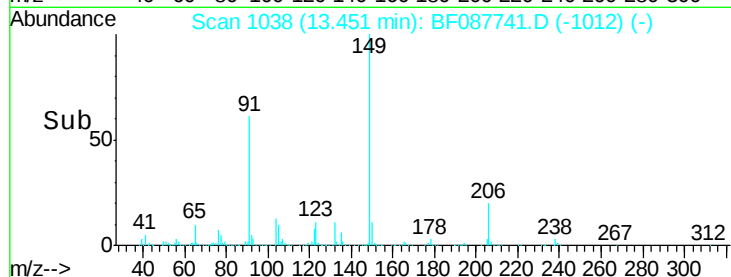
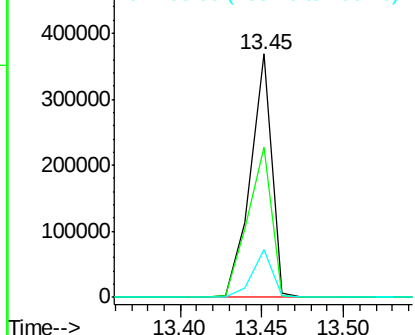
#79
Butylbenzylphthalate
Concen: 39.59 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 334579
Ion Ratio Lower Upper
149 100
91 61.4 48.0 72.0
206 19.5 16.0 24.0

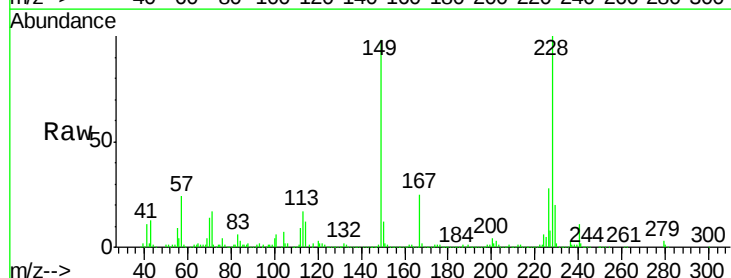


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

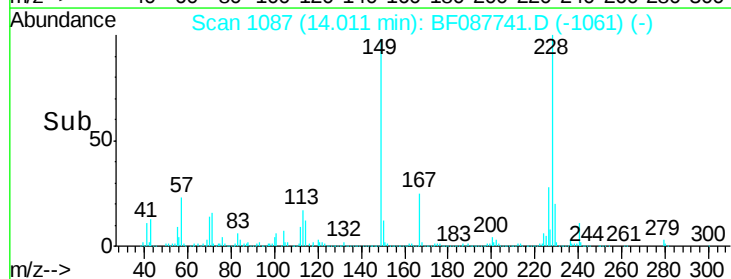
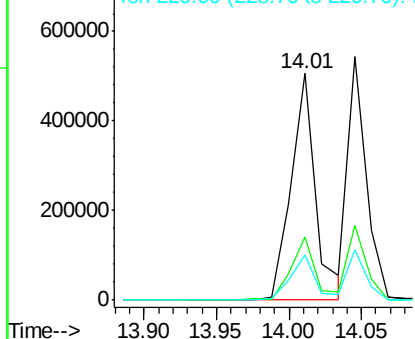


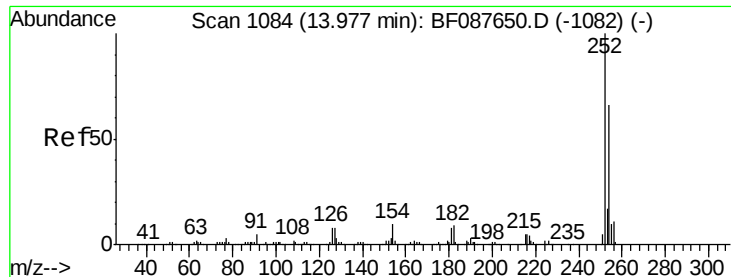
#80
Benzo(a)anthracene
Concen: 36.78 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion:228 Resp: 591921
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

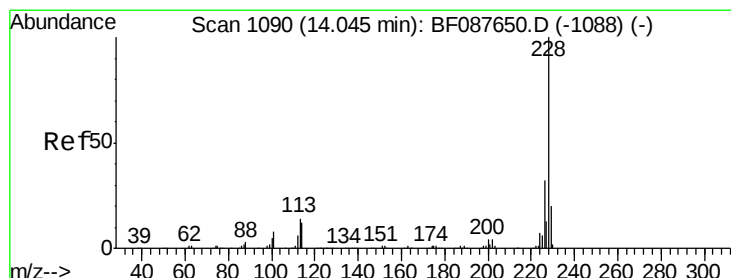
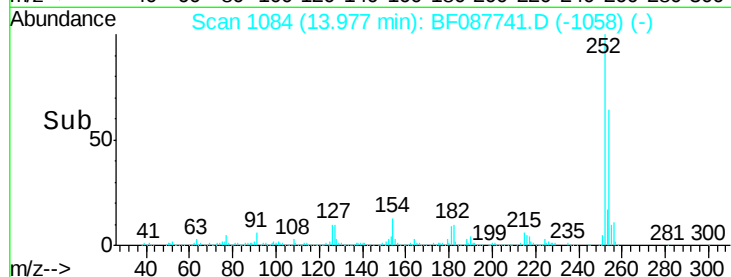
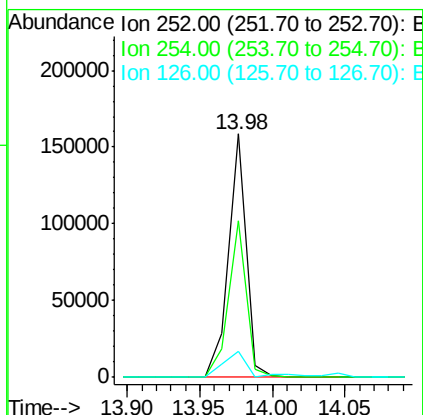
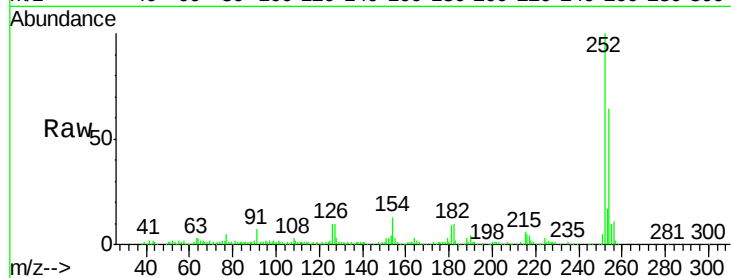




#81
 3,3'-Dichlorobenzidine
 Concen: 29.88 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

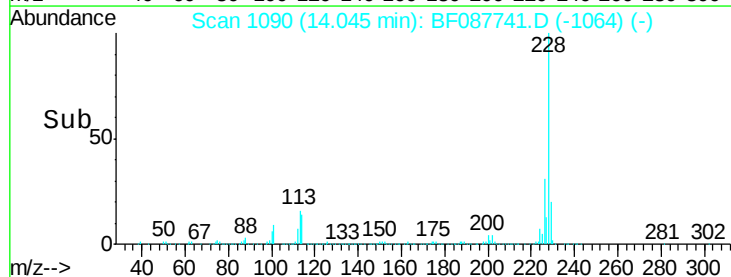
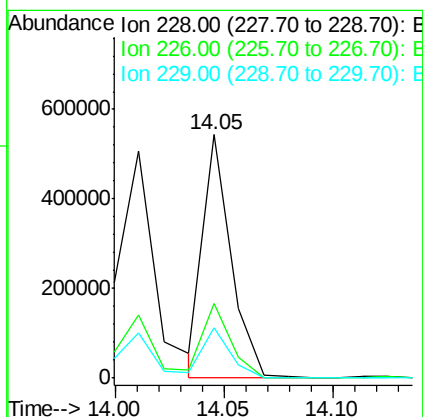
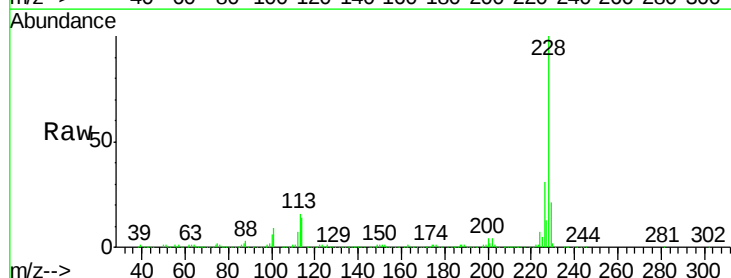
Instrument :
 BNA_F
 ClientSampleId :

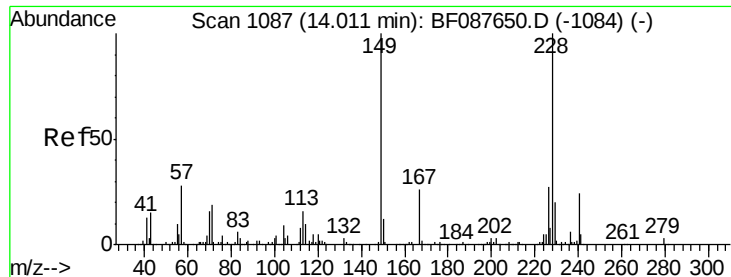
Tot Ion:252 Resp: 135652
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.6 78.8
 126 10.5 6.2 9.2#



#82
 Chrysene
 Concen: 30.14 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion:228 Resp: 482852
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.2
 229 20.5 16.3 24.5

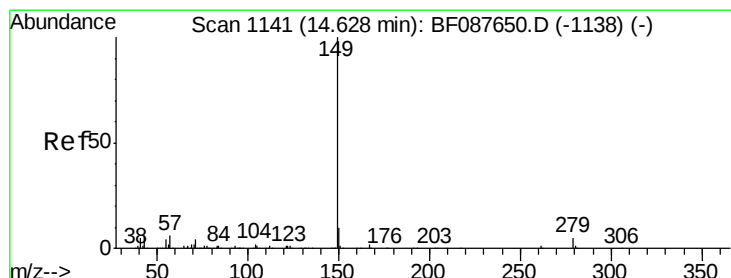
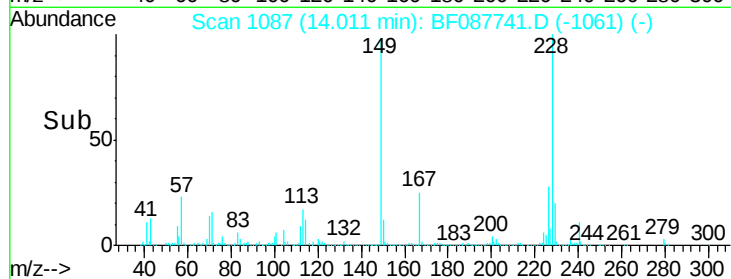
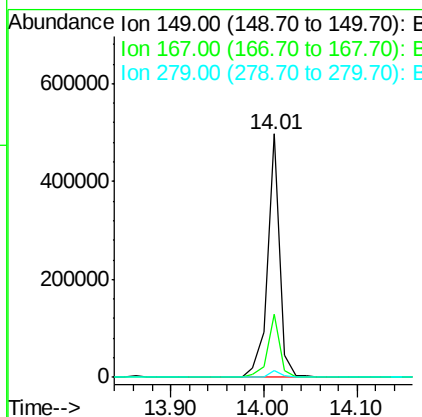
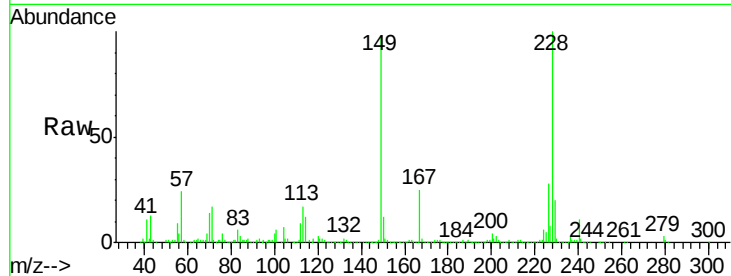




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.97 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

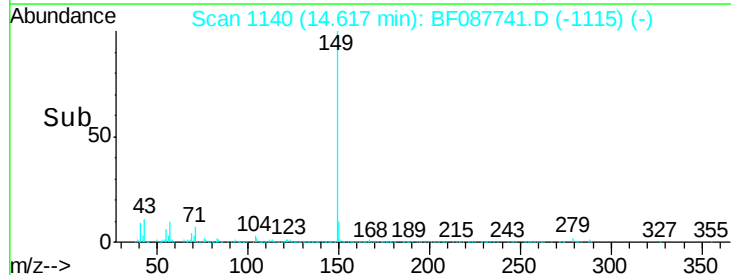
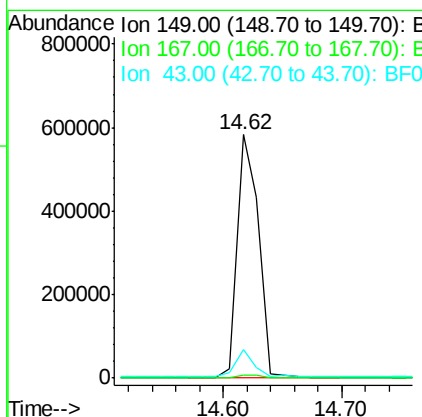
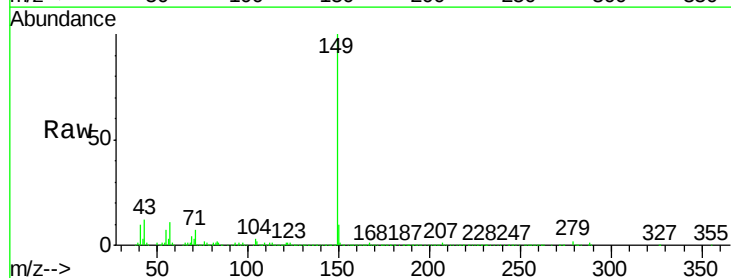
Instrument :
 BNA_F
 ClientSampleId :

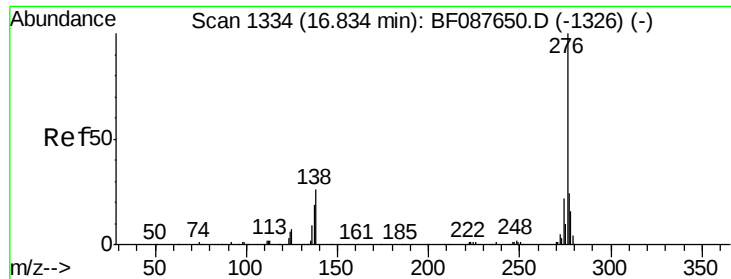
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.5	30.7
279	2.9	2.0	3.0



#84
 Di-n-octyl phthalate
 Concen: 38.64 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	9.6	0.0	0.0#

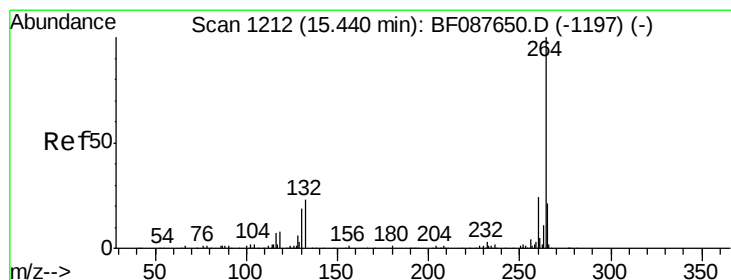
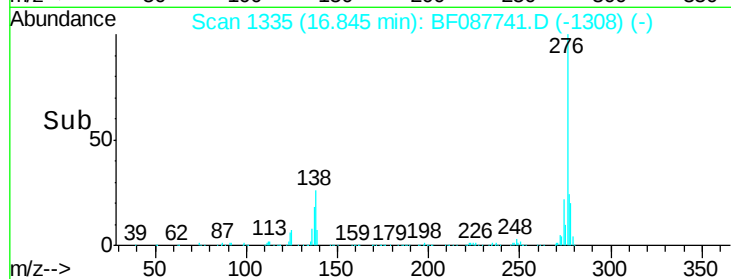
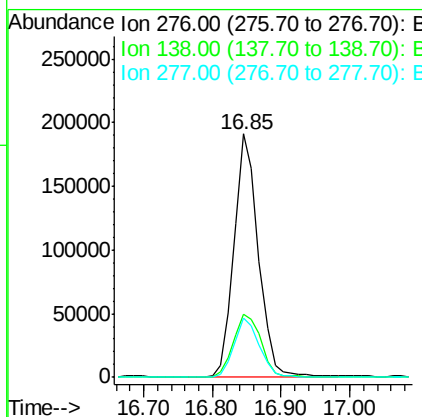
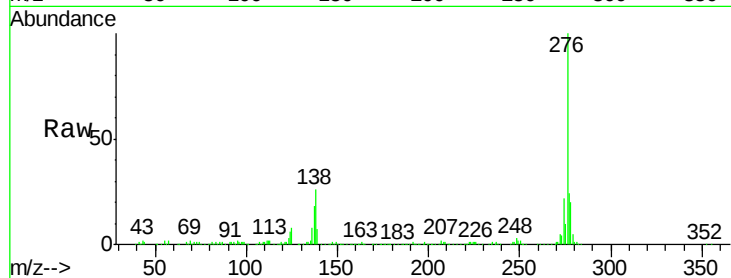




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.94 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

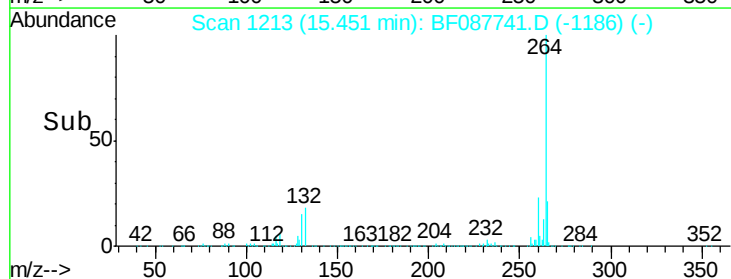
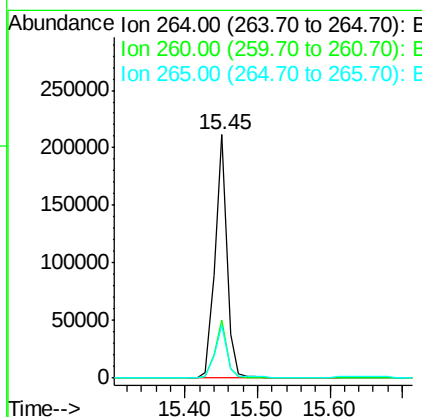
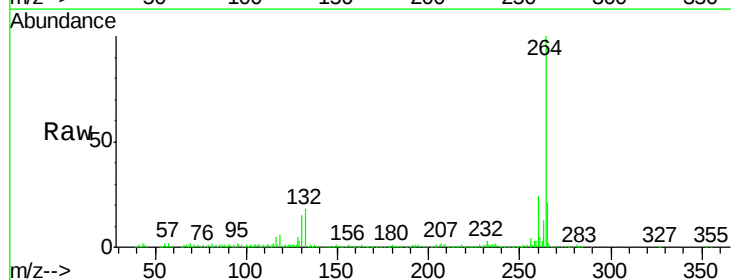
Instrument :
 BNA_F
 ClientSampleId :

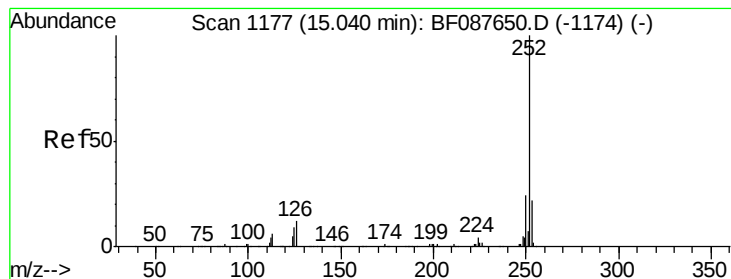
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	0.0	0.0#
277	25.7	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 66.58 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.03 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

Instrument :

BNA_F

ClientSampleId :

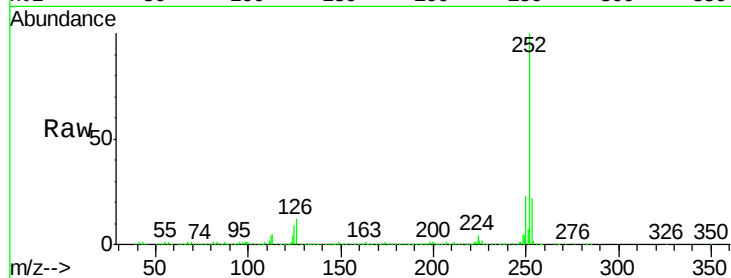
Tot Ion:252 Resp: 1052311

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

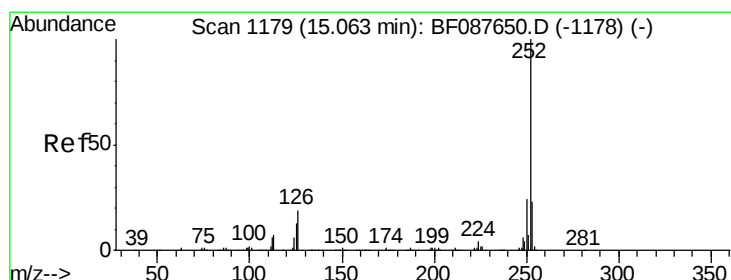
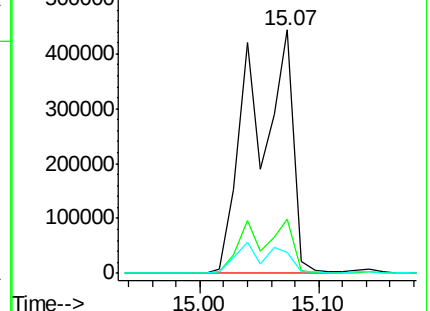
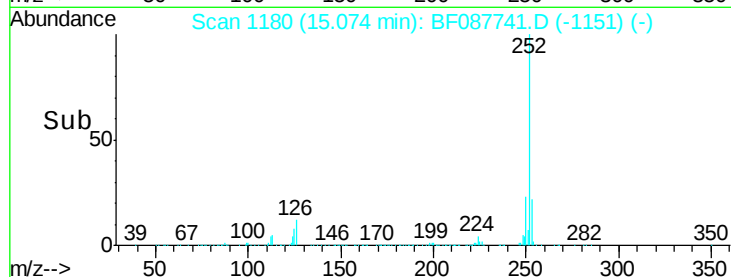
125 8.7 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.02 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF087741.D

Acq: 6 Jun 2016 7:50

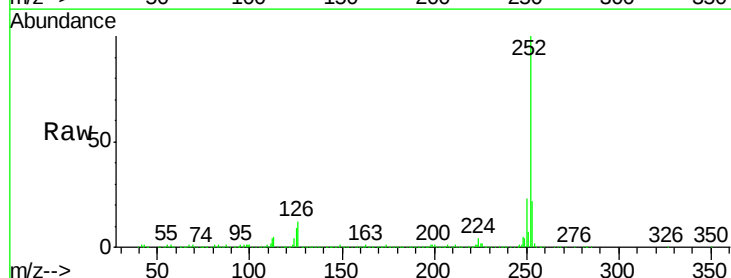
Tgt Ion:252 Resp: 1052311

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

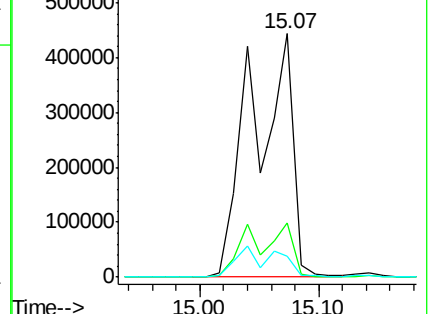
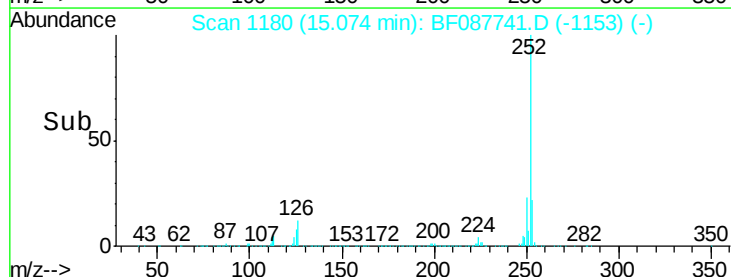
125 8.7 11.2 16.8#

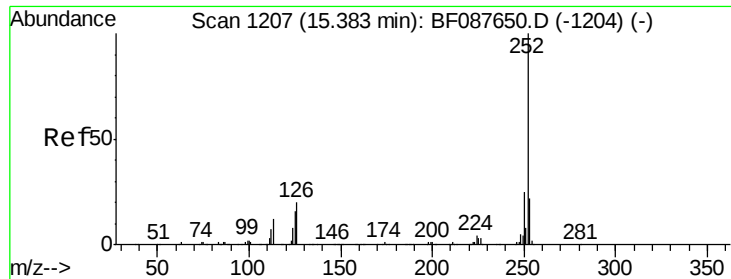


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

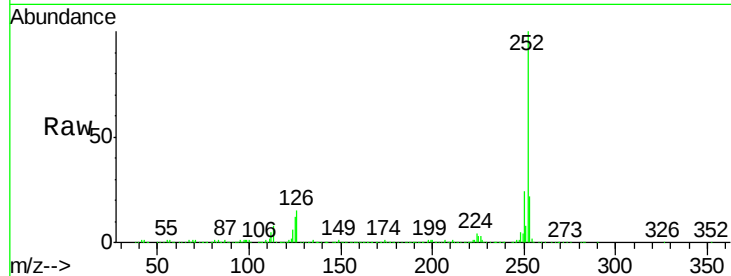




#89
Benzo(a)pyrene
Concen: 36.95 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.1	12.5	18.7#

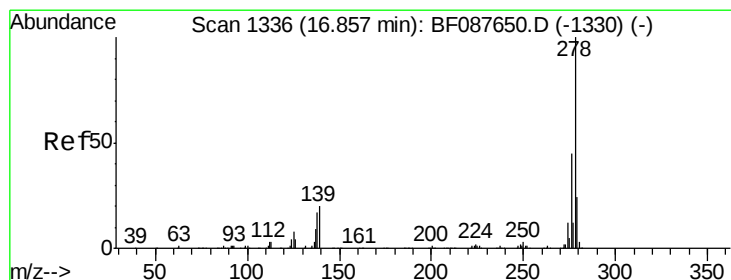
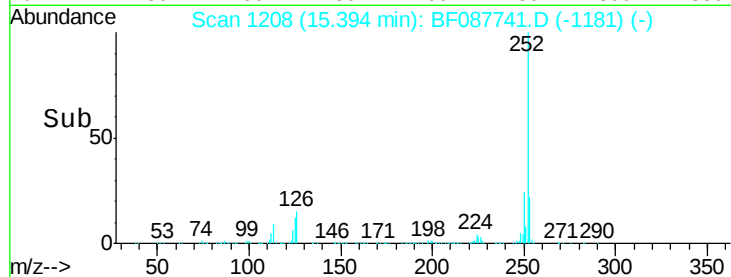
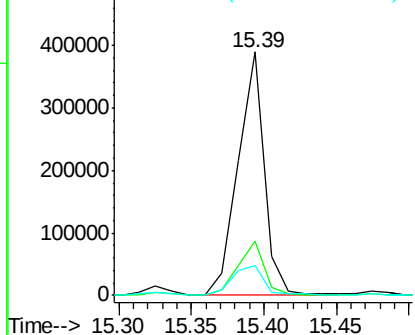


Abundance

Ion 252.00 (251.70 to 252.70): E

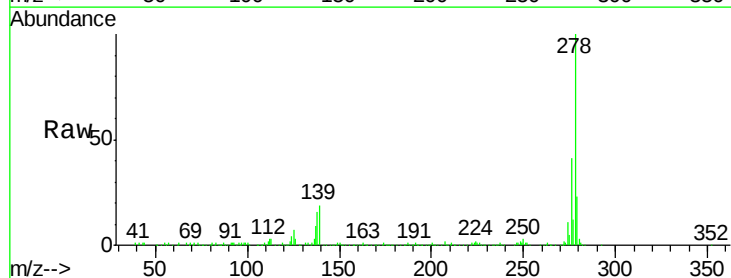
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 34.76 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087741.D
Acq: 6 Jun 2016 7:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	23.5	19.4	29.2

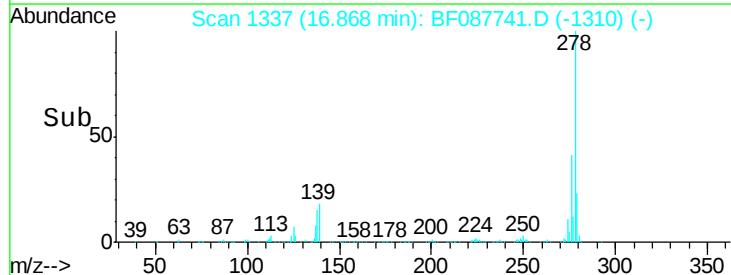
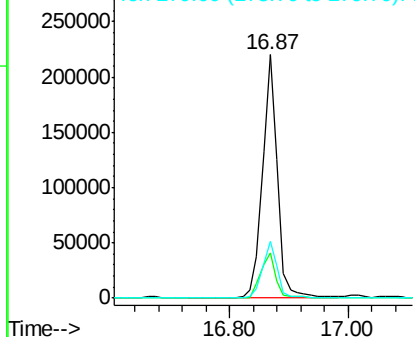


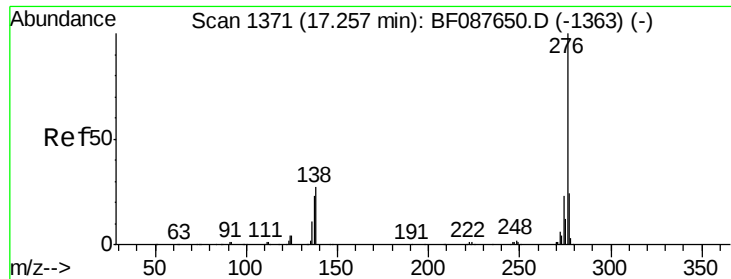
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

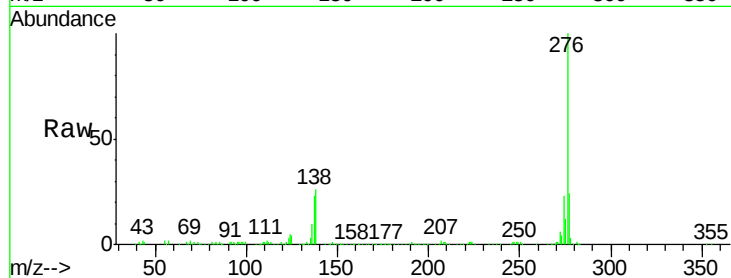




#91
 Benzo(a,h,i)perylene
 Concen: 33.69 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF087741.D
 Acq: 6 Jun 2016 7:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.4	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

