

Data Path : Z:\HPCHEM1\BNA F\Data\BF062416\
 Data File : BF088331.D
 Acq On : 24 Jun 2016 15:01
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 24 17:51:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	94599	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	389586	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	183134	20.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	346012	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	256746	20.00	ng	-0.02
86) Perylene-d12	15.09	264	199527	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	455681	82.35	ng	-0.01
7) Phenol-d6	6.26	99	517881	77.22	ng	0.00
23) Nitrobenzene-d5	7.16	82	496936	74.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	131008	67.75	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	966005	82.72	ng	-0.01
78) Terphenyl-d14	12.67	244	840806	74.52	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	110322	41.03	ng	# 43
3) Pyridine	2.64	79	226798	35.72	ng	91
4) n-Nitrosodimethylamine	2.60	42	94408	35.11	ng	79
6) Aniline	6.25	93	330073	34.58	ng	93
8) 2-Chlorophenol	6.38	128	266906	40.75	ng	92
9) Benzaldehyde	6.14	77	153207	34.85	ng	99
10) Phenol	6.27	94	338956	49.18	ng	85
11) bis(2-Chloroethyl)ether	6.33	93	259809	44.18	ng	89
12) 1,3-Dichlorobenzene	6.60	146	284448	40.48	ng	96
13) 1,4-Dichlorobenzene	6.60	146	294125	41.55	ng	99
14) 1,2-Dichlorobenzene	6.60	146	299071	46.45	ng	97
15) Benzyl Alcohol	6.75	79	196537	37.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	241825	30.44	ng	# 1
17) 2-Methylphenol	6.88	107	195339	36.78	ng	# 89
18) Hexachloroethane	7.10	117	100421	39.98	ng	93
19) n-Nitroso-di-n-propylamine	7.03	70	181009	42.19	ng	# 81
20) 3+4-Methylphenols	7.04	107	255671	41.25	ng	# 81
22) Acetophenone	7.02	105	367343	42.19	ng	# 97
24) Nitrobenzene	7.19	77	270327	41.83	ng	95
25) Isophorone	7.43	82	477271	38.62	ng	98
26) 2-Nitrophenol	7.51	139	145341	41.98	ng	# 74
27) 2,4-Dimethylphenol	7.56	122	224000	35.14	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	315087	41.11	ng	# 97
29) 2,4-Dichlorophenol	7.76	162	214255	40.26	ng	93
30) 1,2,4-Trichlorobenzene	7.82	180	219870	37.94	ng	99
31) Naphthalene	7.90	128	741305	38.45	ng	99
32) Benzoic acid	7.74	122	107347	30.58	ng	88
33) 4-Chloroaniline	7.96	127	334245	38.82	ng	# 95
34) Hexachlorobutadiene	8.01	225	111845	36.60	ng	98
35) Caprolactam	8.35	113	70713	40.11	ng	# 78
36) 4-Chloro-3-methylphenol	8.47	107	226032	39.71	ng	99
37) 2-Methylnaphthalene	8.58	142	474809	37.37	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	204154	41.82	ng	# 1
40) Hexachlorocyclopentadiene	8.74	237	124491	42.14	ng	99

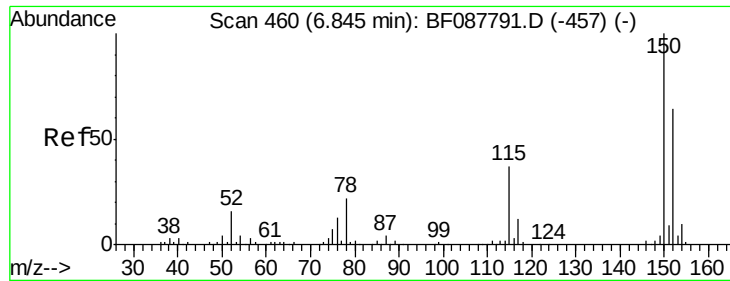
Data Path : Z:\HPCHEM1\BNA F\Data\BF062416\
 Data File : BF088331.D
 Acq On : 24 Jun 2016 15:01
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 24 17:51:48 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	128568	35.11	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	139522	36.62	nq #	86
45) 1,1'-Biphenyl	9.05	154	572479	41.11	nq	99
46) 2-Chloronaphthalene	9.07	162	451463	38.10	nq	99
47) 2-Nitroaniline	9.19	65	138863	39.72	nq #	82
48) Acenaphthylene	9.48	152	712384	37.79	nq	100
49) Dimethylphthalate	9.37	163	567283	42.76	nq	99
50) 2,6-Dinitrotoluene	9.43	165	117426	38.65	nq #	60
51) Acenaphthene	9.66	154	419486	35.67	nq	99
52) 3-Nitroaniline	9.60	138	138042	39.38	nq	99
53) 2,4-Dinitrophenol	9.72	184	64871	44.60	nq #	84
54) Dibenzofuran	9.83	168	615114	37.98	nq #	87
55) 4-Nitrophenol	9.83	139	361964	133.03	nq #	11
56) 2,4-Dinitrotoluene	9.84	165	167247	42.84	nq	93
57) Fluorene	10.17	166	495401	45.30	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	114032	38.08	nq #	59
59) Diethylphthalate	10.06	149	506948	37.75	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	195870	36.37	nq	90
61) 4-Nitroaniline	10.23	138	142800	42.94	nq	95
62) Azobenzene	10.32	77	519925	39.15	nq	94
64) 4,6-Dinitro-2-methylphenol	10.25	198	73268	34.55	nq #	67
65) n-Nitrosodiphenylamine	10.28	169	452885	39.45	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	141339	38.08	nq	95
67) Hexachlorobenzene	10.71	284	139176	36.08	nq	95
68) Atrazine	10.82	200	124471	35.80	nq	93
69) Pentachlorophenol	10.91	266	76179	37.47	nq	97
70) Phenanthrene	11.12	178	692875	38.16	nq	99
71) Anthracene	11.18	178	751207	41.02	nq	99
72) Carbazole	11.34	167	694563	40.53	nq	99
73) Di-n-butylphthalate	11.67	149	801003	36.92	nq	99
74) Fluoranthene	12.31	202	756563	39.48	nq	94
76) Benzidine	12.43	184	237351	33.39	nq	99
77) Pyrene	12.53	202	707427	37.13	nq	100
79) Butylbenzylphthalate	13.15	149	350777	41.64	nq	90
80) Benzo(a)anthracene	13.71	228	534434	36.53	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	164828	41.89	nq #	96
82) Chrysene	13.75	228	537990	39.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	379701	37.03	nq	99
84) Di-n-octyl phthalate	14.32	149	653648	39.23	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	467534	36.56	nq #	100
87) Benzo(b)fluoranthene	14.74	252	953140	68.54	nq	98
88) Benzo(k)fluoranthene	14.74	252	953140	90.86	nq #	96
89) Benzo(a)pyrene	15.03	252	439814	39.09	nq	97
90) Dibenzo(a,h)anthracene	16.33	278	385889	36.93	nq	97
91) Benzo(g,h,i)perylene	16.70	276	418831	38.96	nq	99

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

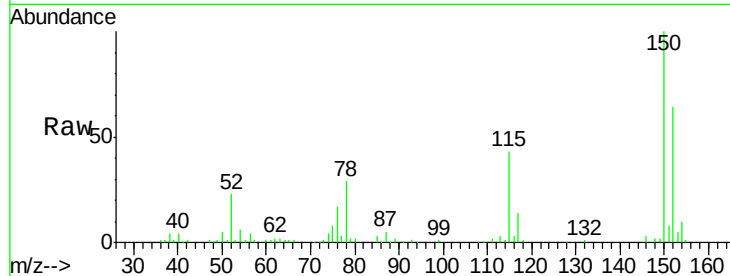


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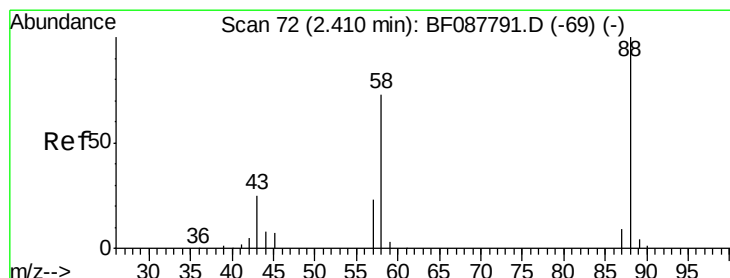
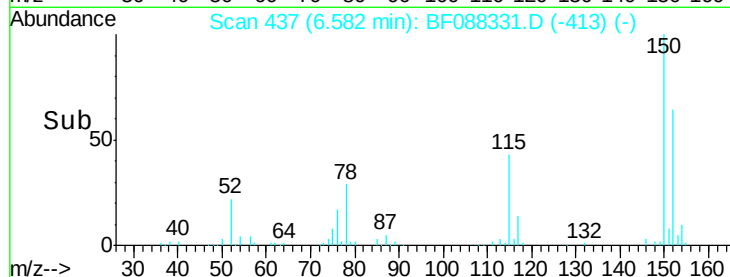
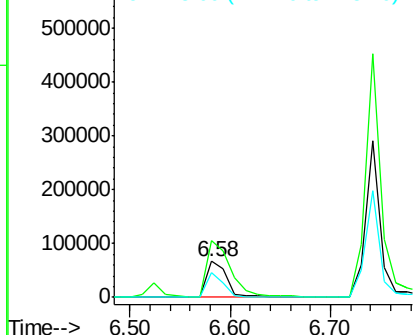
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94599
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 67.9 39.6 59.4#



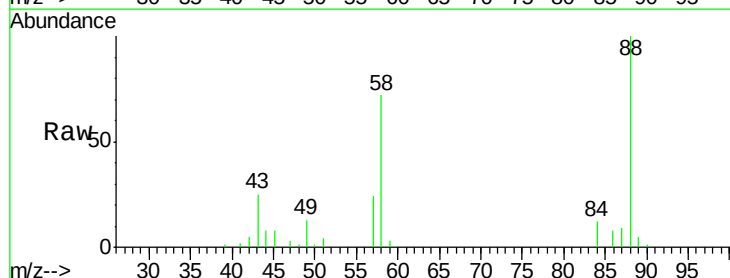
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



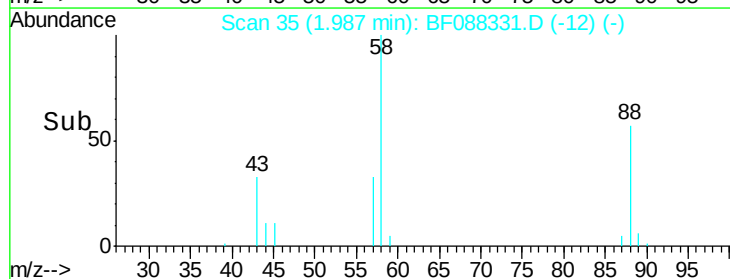
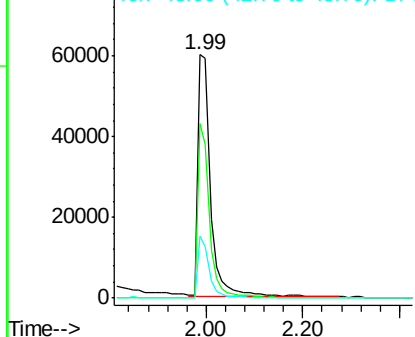
#2

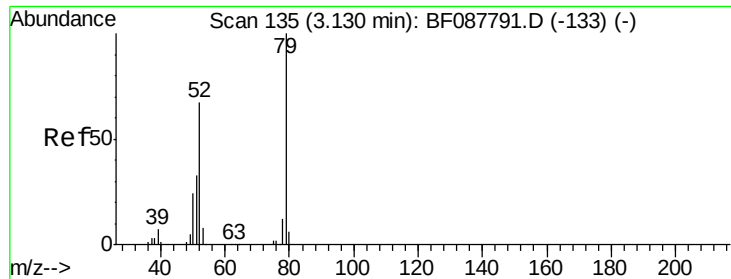
1,4-Dioxane
Concen: 41.03 ng
RT: 1.99 min Scan# 35
Delta R.T. -0.03 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion: 88 Resp: 110322
Ion Ratio Lower Upper
88 100
58 66.0 0.0 0.0#
43 23.0 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



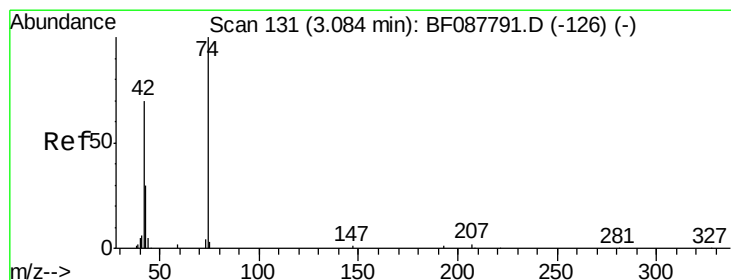
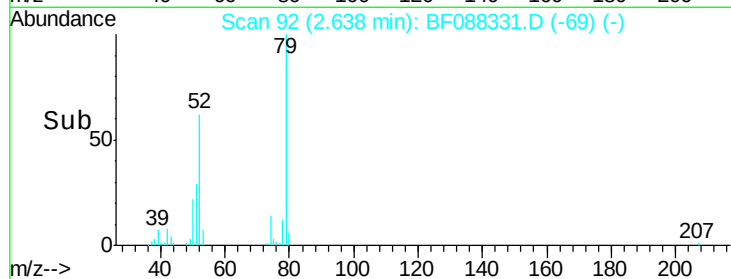
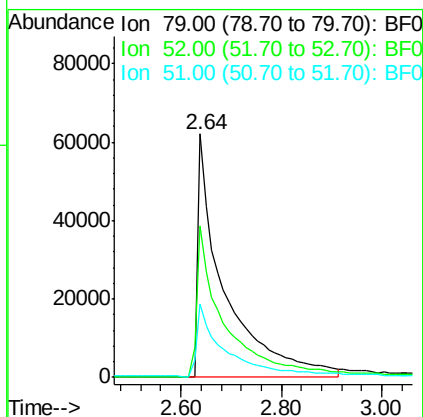
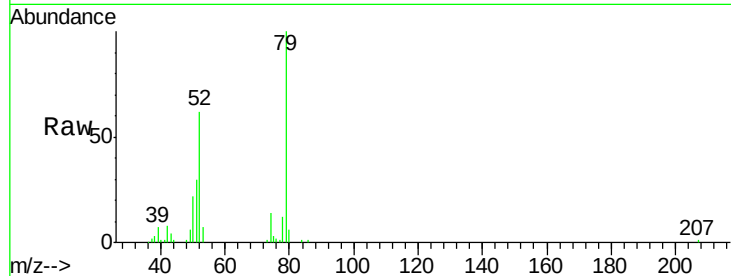


#3
 Pvridine
 Concen: 35.72 ng
 RT: 2.64 min Scan# 92
 Delta R.T. -0.03 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 226798

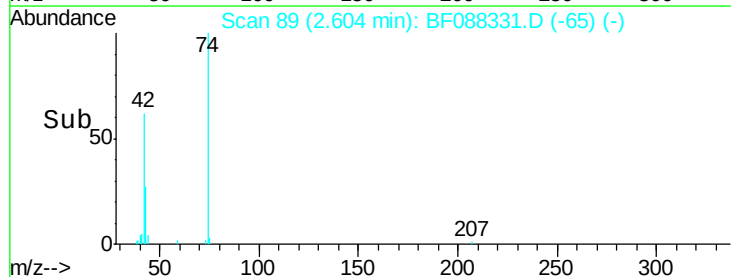
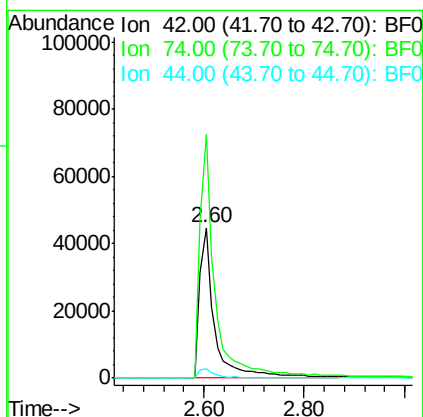
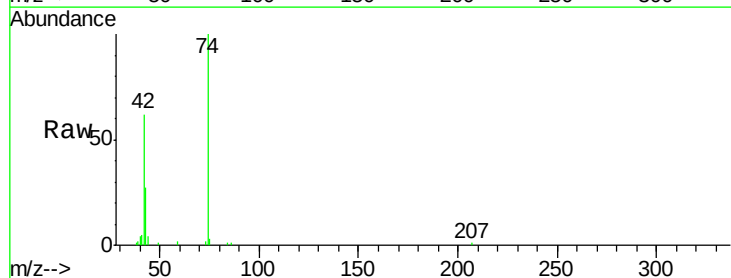
Ion	Ratio	Lower	Upper
79	100		
52	62.2	56.3	84.5
51	30.2	27.4	41.2

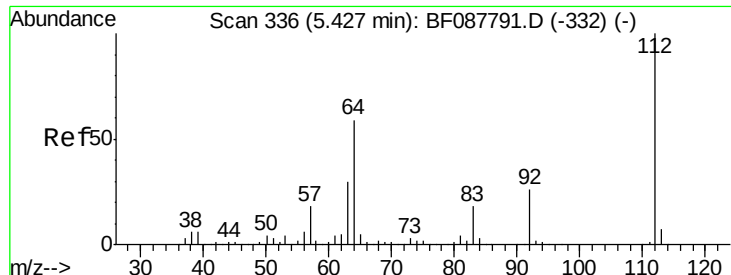


#4
 n-Nitrosodimethylamine
 Concen: 35.11 ng
 RT: 2.60 min Scan# 89
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion: 42 Resp: 94408

Ion	Ratio	Lower	Upper
42	100		
74	161.7	108.6	163.0
44	6.5	5.5	8.3





#5

2-Fluorophenol

Concen: 82.35 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

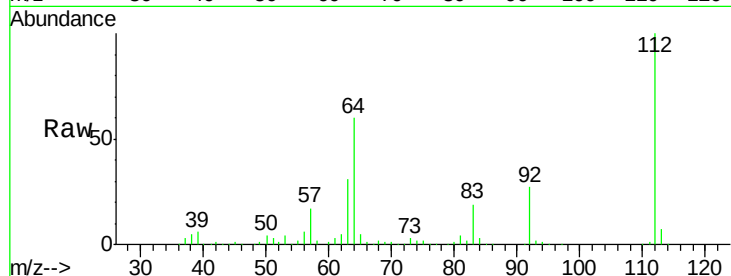
Tot Ion:112 Resp: 455681

Ion Ratio Lower Upper

112 100

64 59.8 42.2 63.2

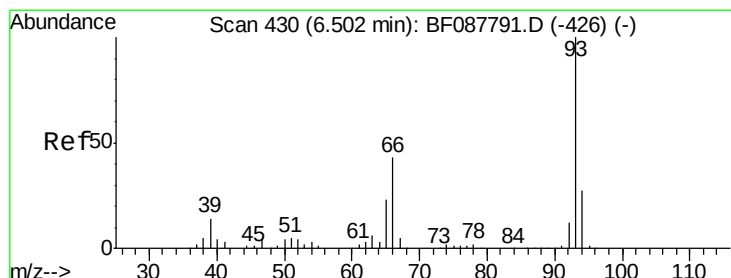
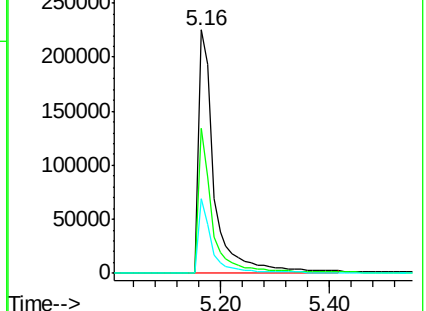
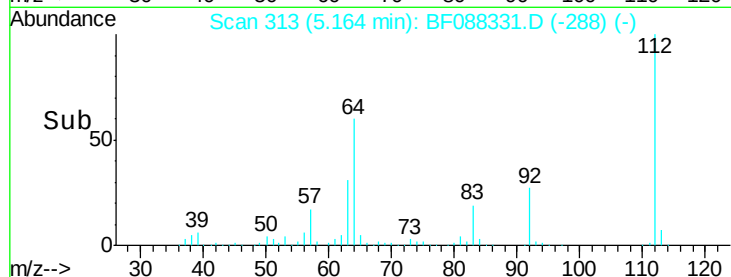
63 30.5 21.8 32.8



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



#6

Aniline

Concen: 34.58 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

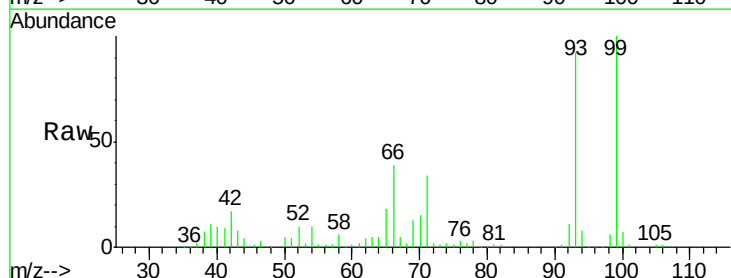
Tgt Ion: 93 Resp: 330073

Ion Ratio Lower Upper

93 100

66 42.6 29.8 44.8

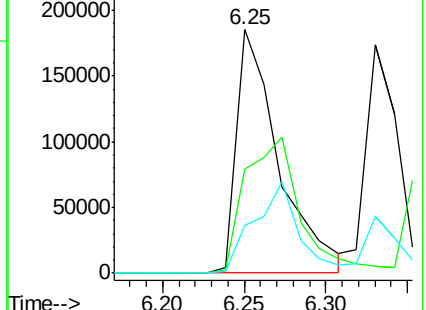
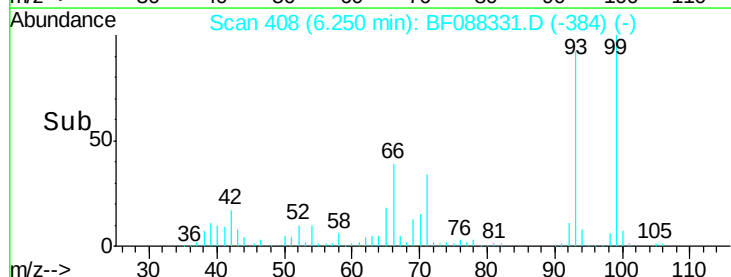
65 19.6 14.9 22.3

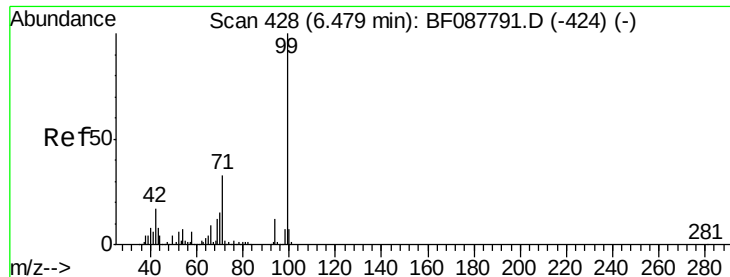


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.22 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

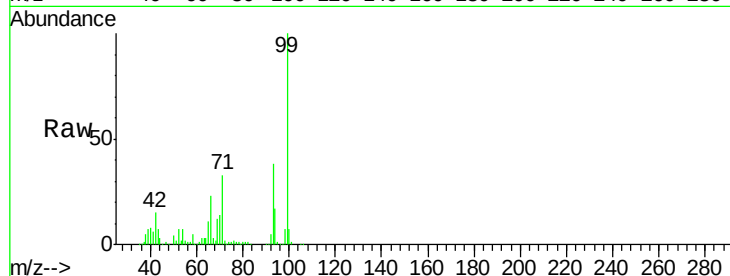
Tot Ion: 99 Resp: 517881

Ion Ratio Lower Upper

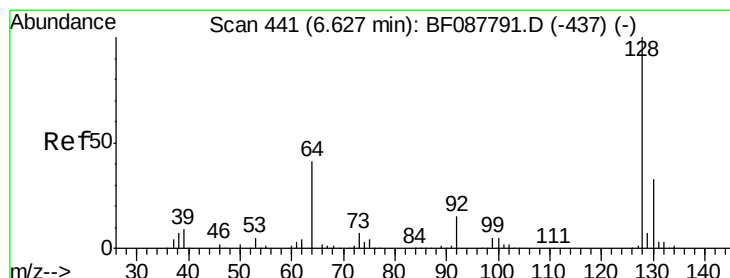
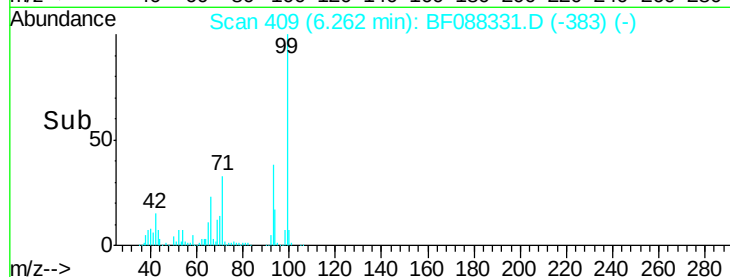
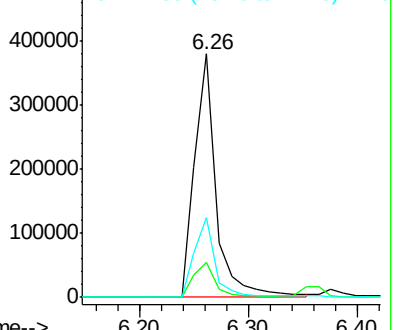
99 100

42 14.6 12.2 18.2

71 32.7 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: 40.75 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

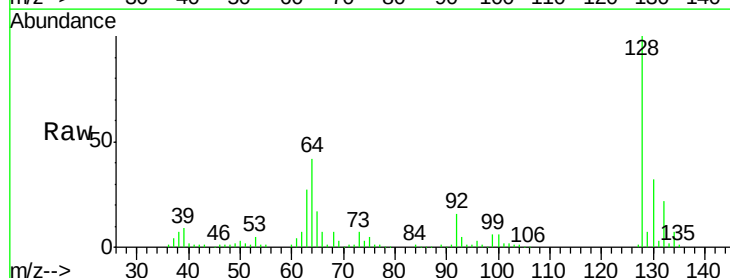
Tgt Ion: 128 Resp: 266906

Ion Ratio Lower Upper

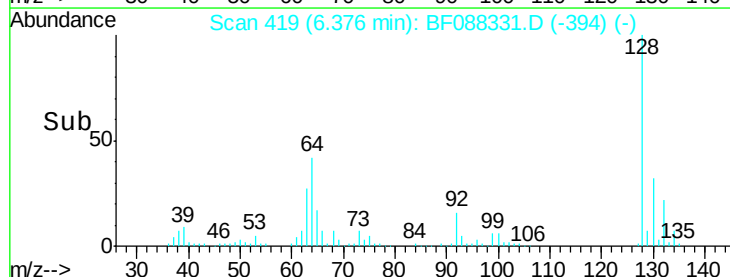
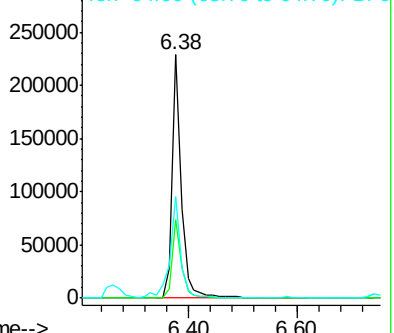
128 100

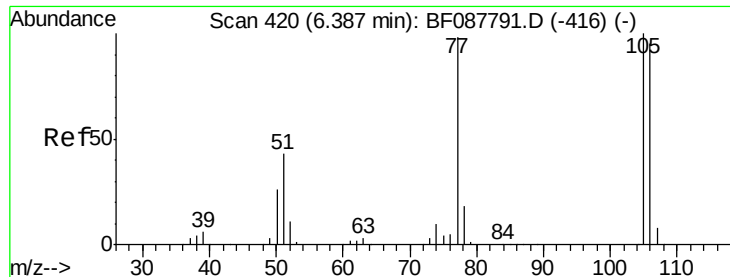
130 32.4 12.0 52.0

64 41.8 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: 34.85 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

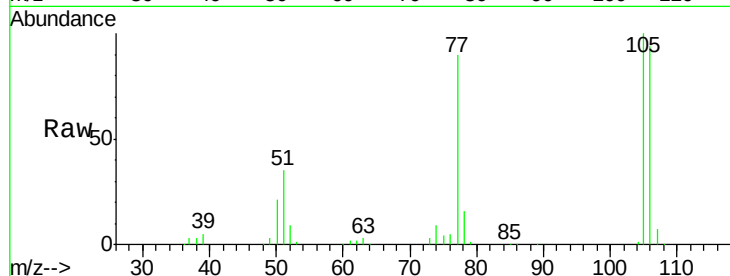
Tot Ion: 77 Resp: 153207

Ion Ratio Lower Upper

77 100

105 111.1 90.6 130.6

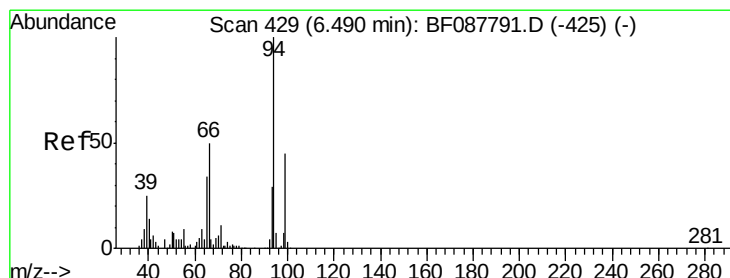
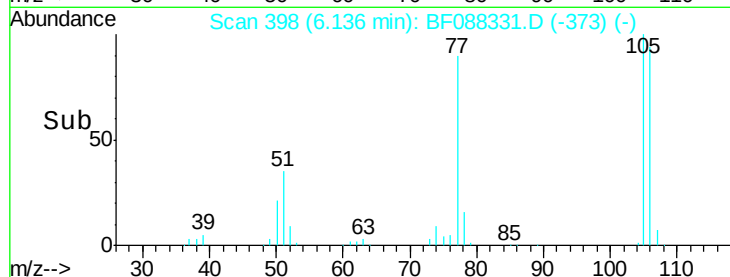
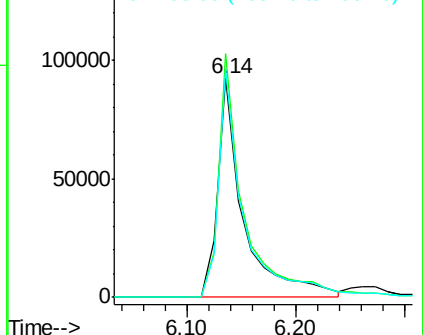
106 104.1 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.18 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

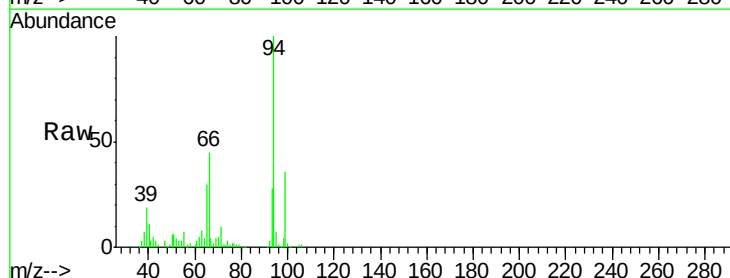
Tgt Ion: 94 Resp: 338956

Ion Ratio Lower Upper

94 100

65 30.1 5.9 45.9

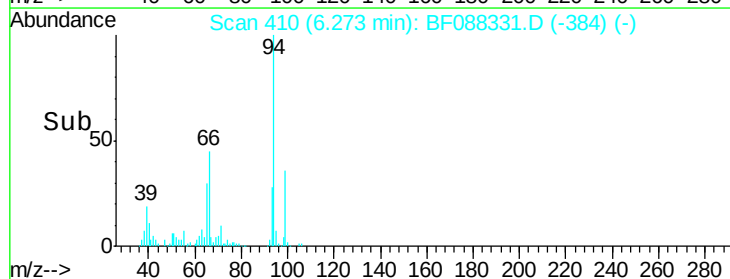
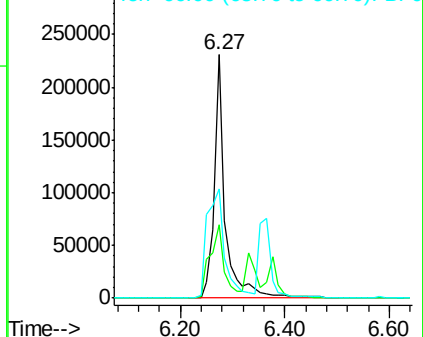
66 45.1 14.0 54.0

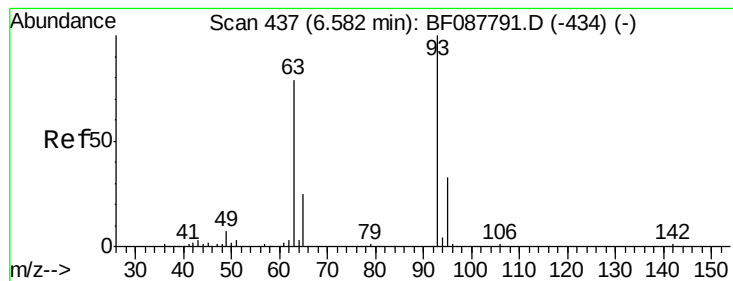


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

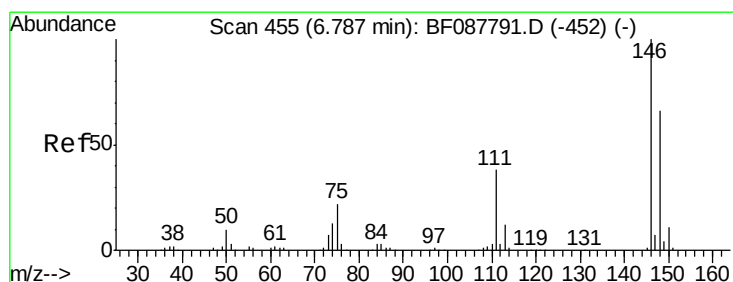
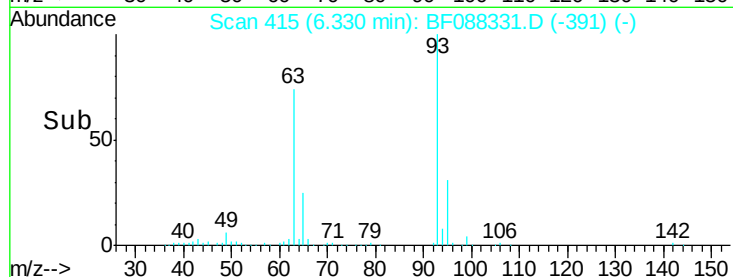
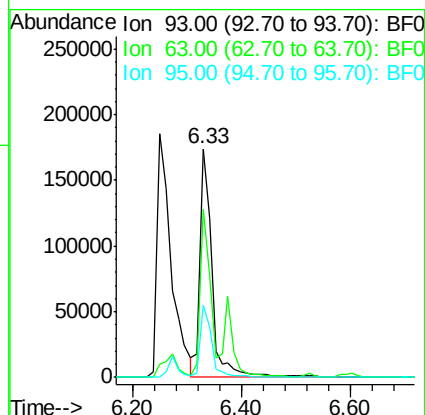
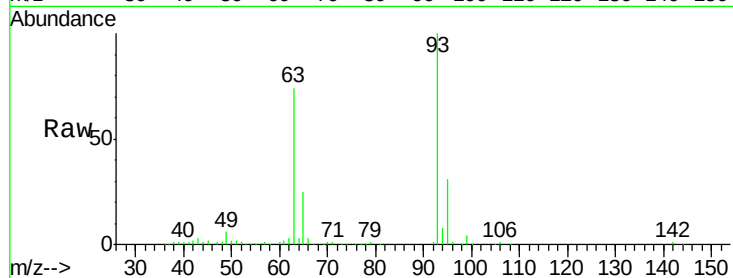




#11
bis(2-Chloroethyl)ether
Concen: 44.18 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

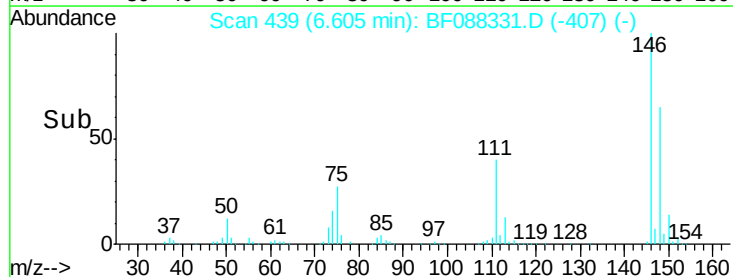
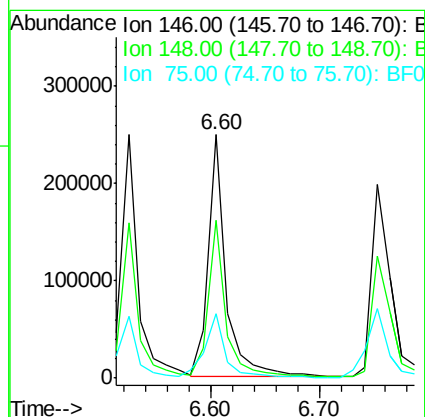
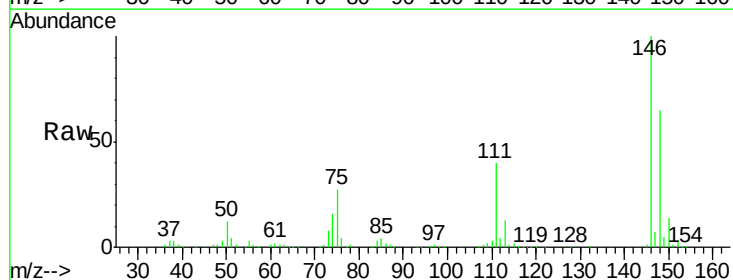
Instrument :
BNA_F
ClientSampleId :

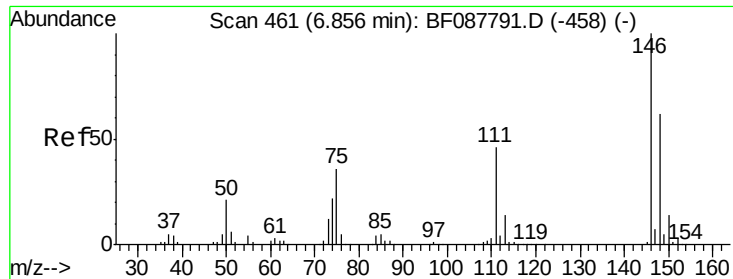
Tot Ion: 93 Resp: 259809
Ion Ratio Lower Upper
93 100
63 73.8 67.6 107.6
95 31.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.48 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.07 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion: 146 Resp: 284448
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 26.6 25.6 38.4

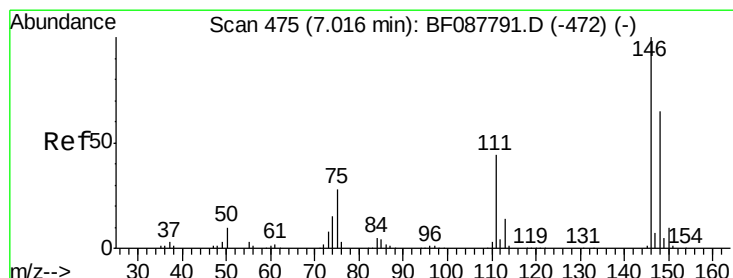
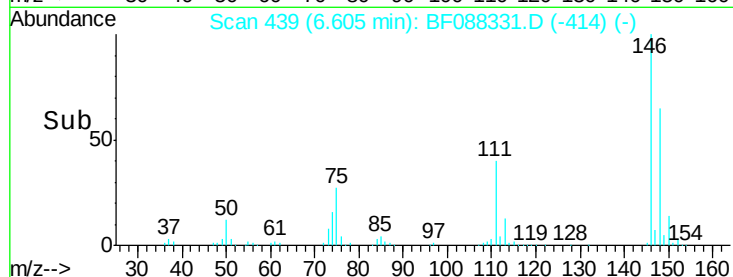
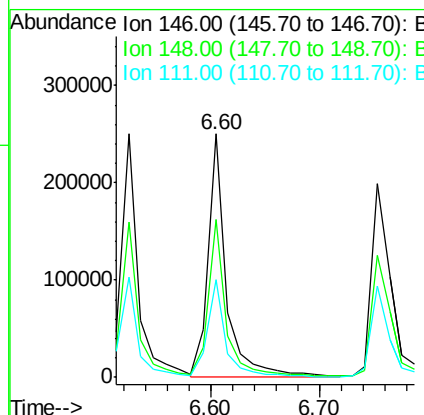
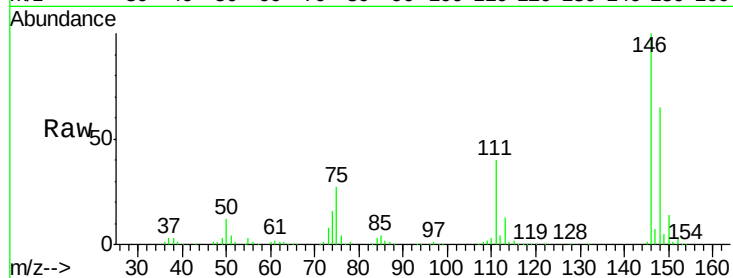




#13
 1,4-Dichlorobenzene
 Concen: 41.55 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

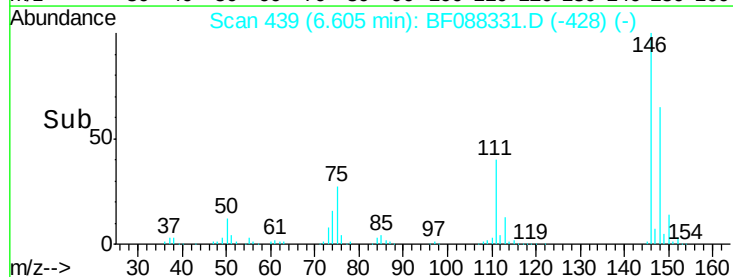
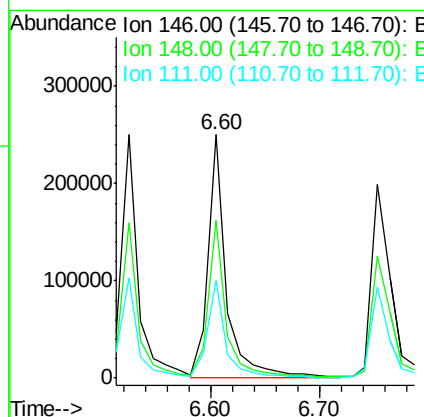
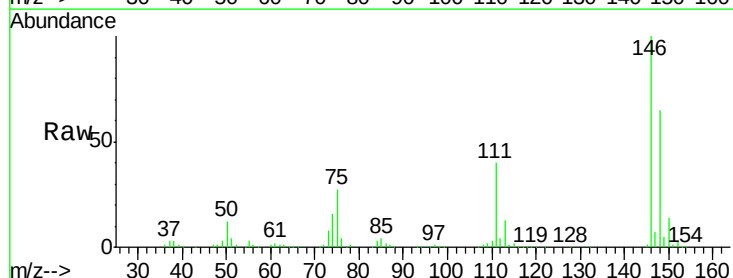
Instrument :
 BNA_F
 ClientSampleId :

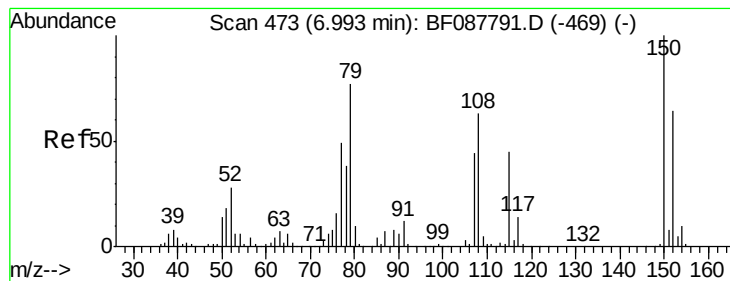
Tot Ion:146 Resp: 294125
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 40.3 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 46.45 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.17 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:146 Resp: 299071
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 40.3 28.7 43.1





#15

Benzyl Alcohol

Concen: 37.46 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

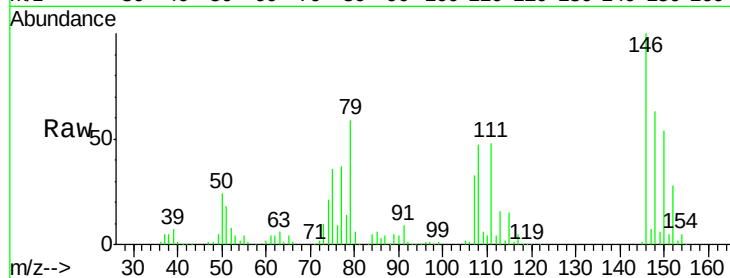
Tot Ion: 79 Resp: 196537

Ion Ratio Lower Upper

79 100

108 79.0 65.0 97.6

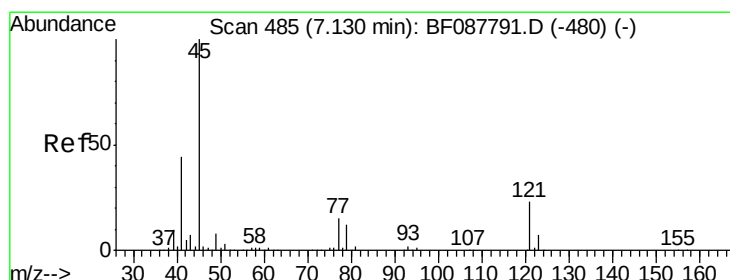
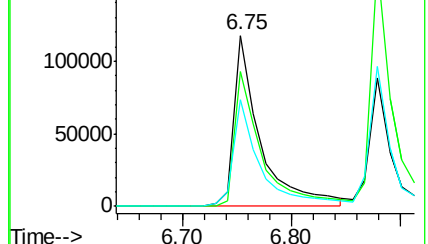
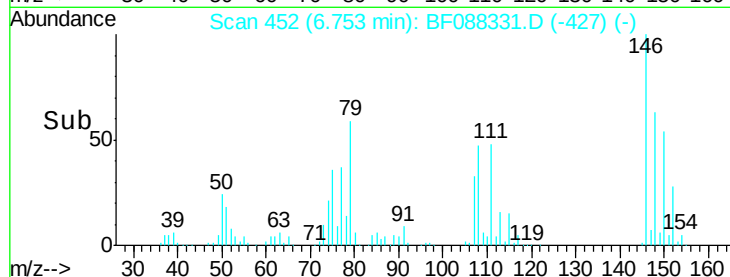
77 62.3 50.3 75.5



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: 30.44 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

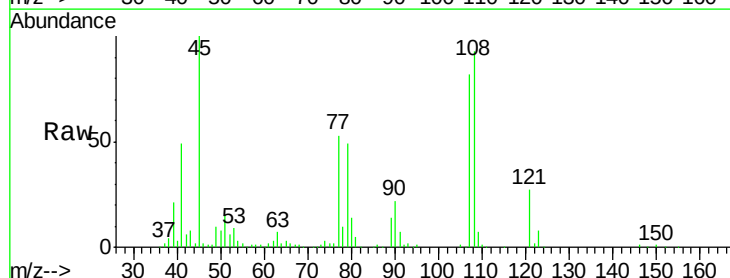
Tgt Ion: 45 Resp: 241825

Ion Ratio Lower Upper

45 100

77 53.2 0.0 32.5#

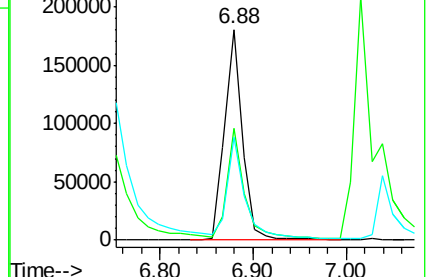
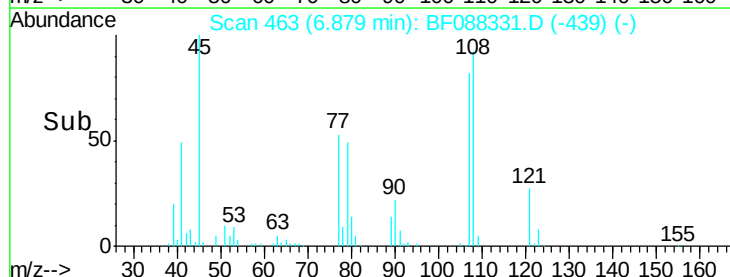
79 48.8 0.0 29.5#

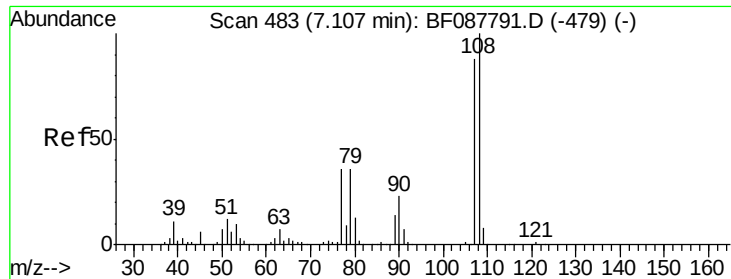


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

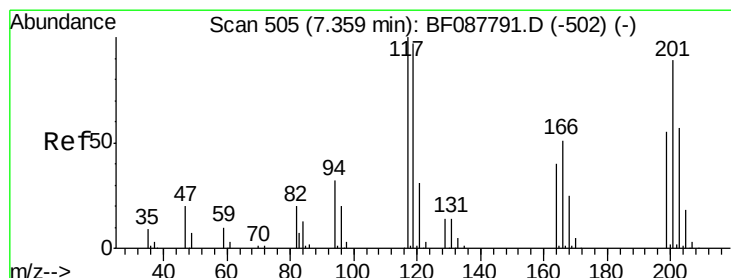
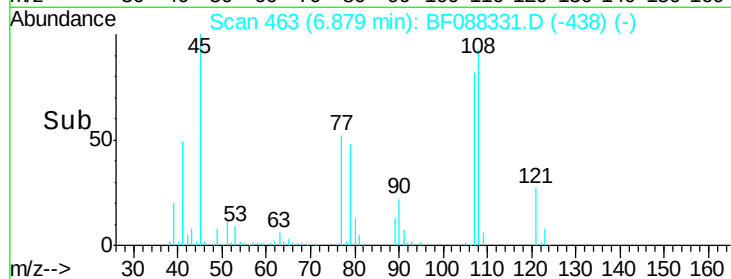
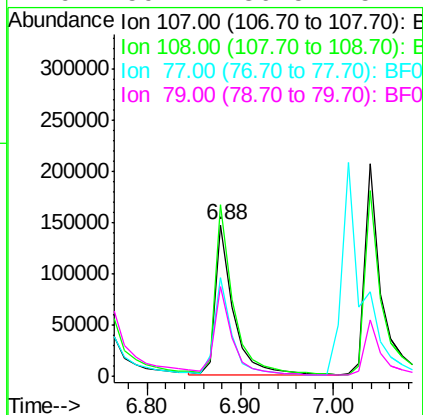
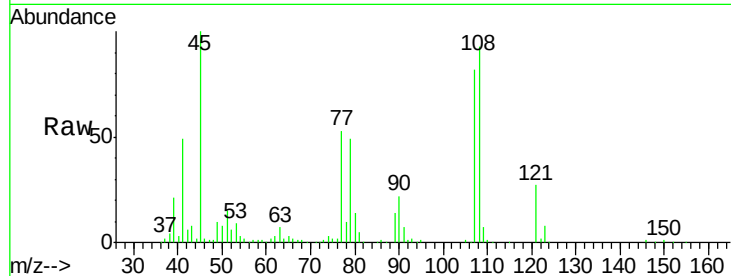




#17
2-Methylphenol
Concen: 36.78 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

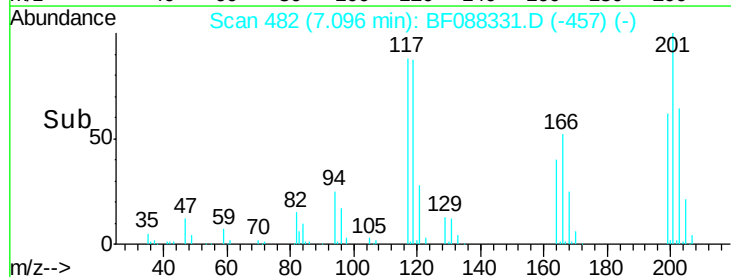
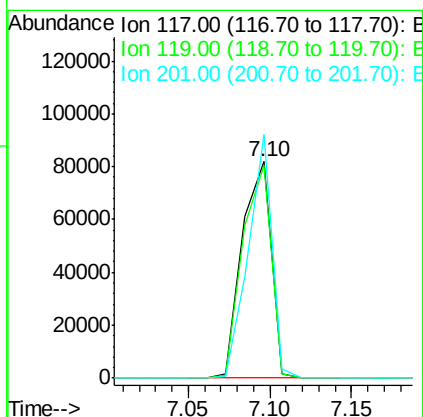
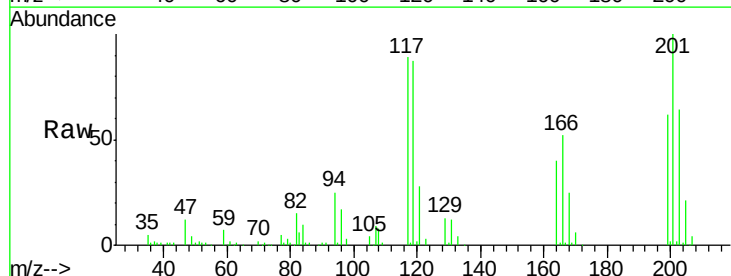
Instrument :
BNA_F
ClientSampleId :

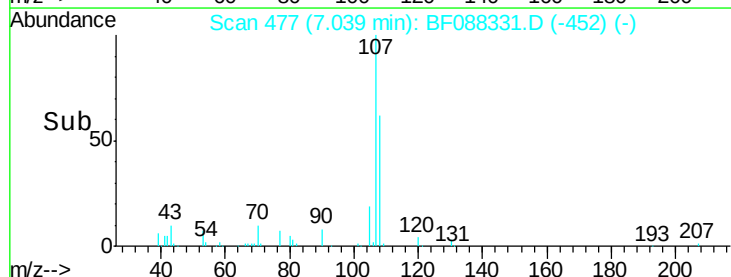
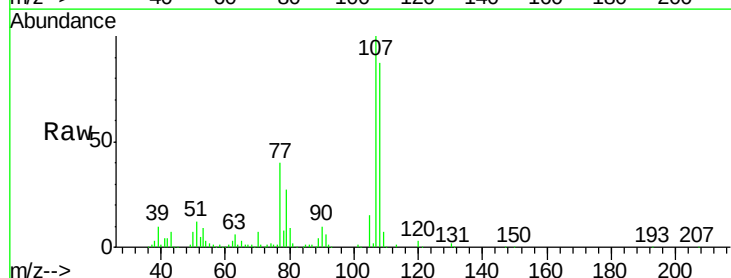
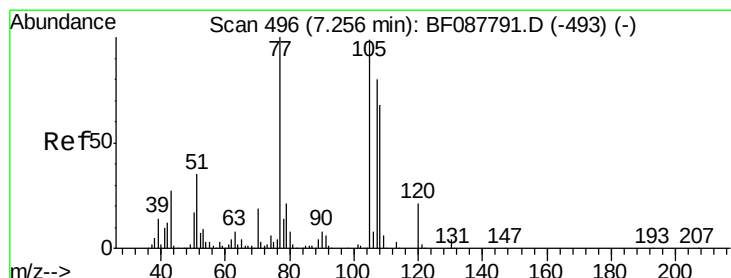
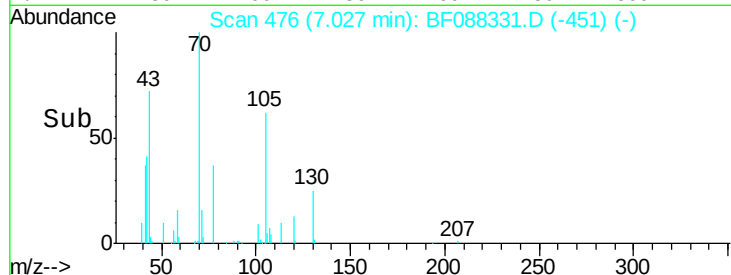
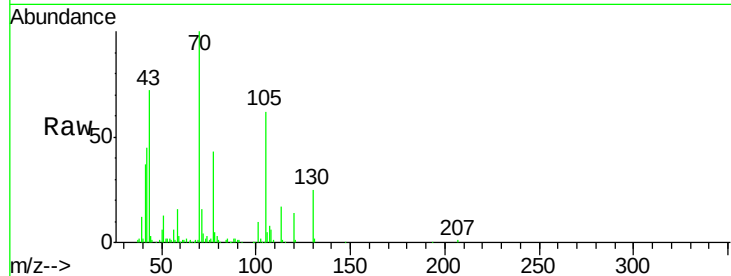
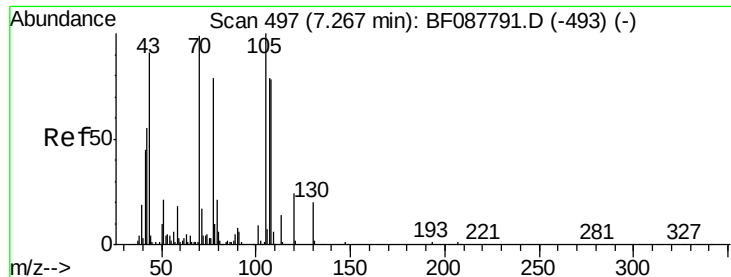
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.9	136.3
77	65.0	36.6	55.0#
79	59.7	36.5	54.7#



#18
Hexachloroethane
Concen: 39.98 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.4	116.2
201	112.6	80.4	120.6

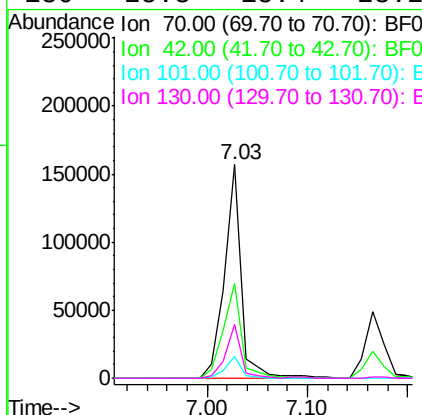




#19
n-Nitroso-di-n-propylamine
Concen: 42.19 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

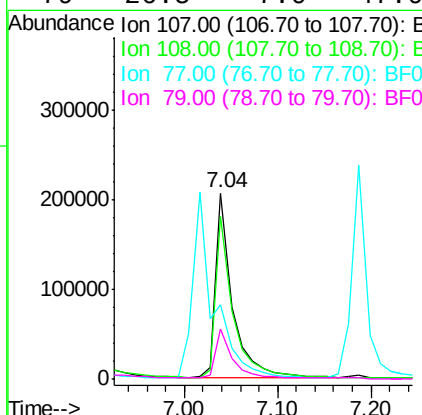
Instrument :
BNA_F
ClientSampled :

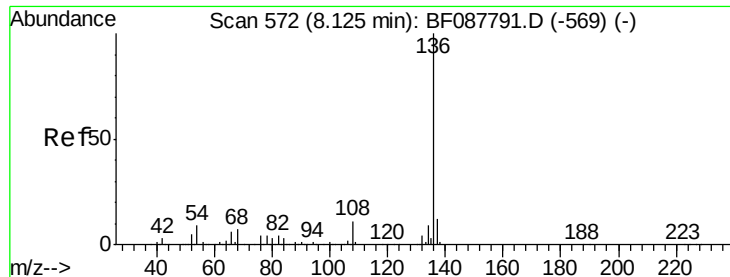
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	49.6	74.4#
101	10.3	7.1	10.7
130	25.3	15.4	23.2#



#20
3+4-Methylphenols
Concen: 41.25 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.8	107.8
77	40.0	59.3	99.3#
79	26.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 389586

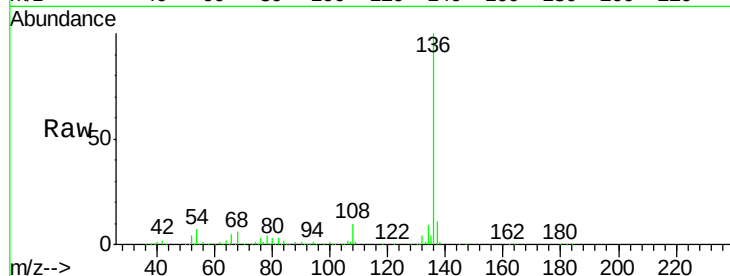
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.8 6.6 10.0

68 5.8 5.1 7.7

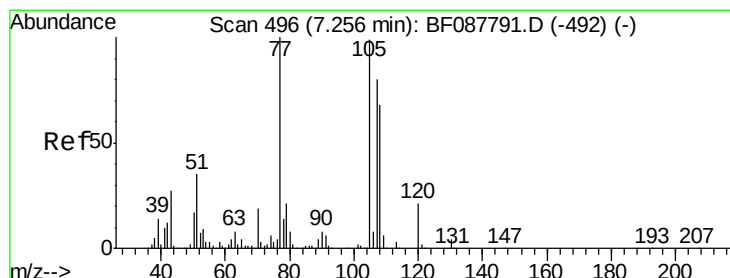
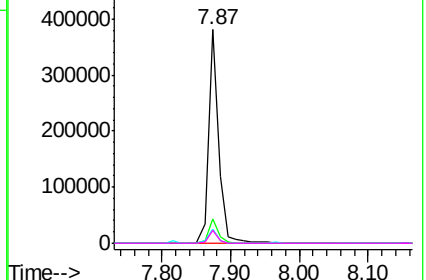
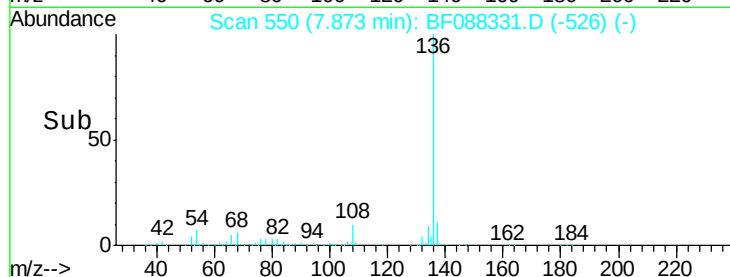


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.19 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:105 Resp: 367343

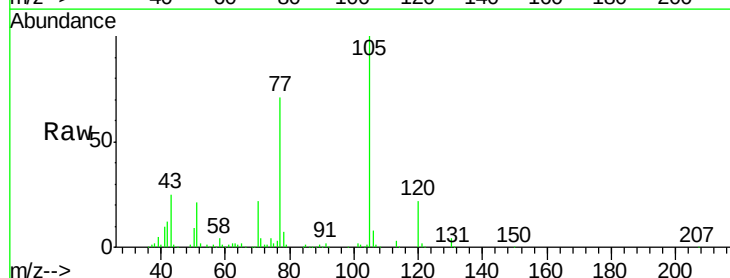
Ion Ratio Lower Upper

105 100

71 3.6 5.3 7.9#

51 21.4 18.2 27.4

120 21.7 18.0 27.0

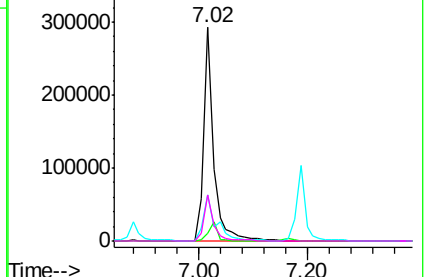
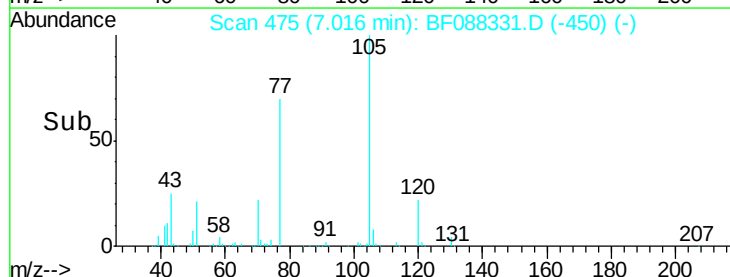


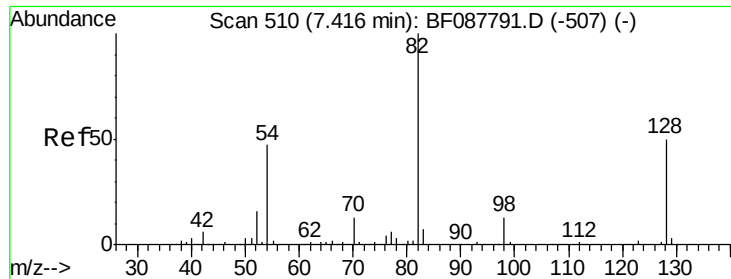
Abundance Ion 105.00 (104.70 to 105.70): E

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

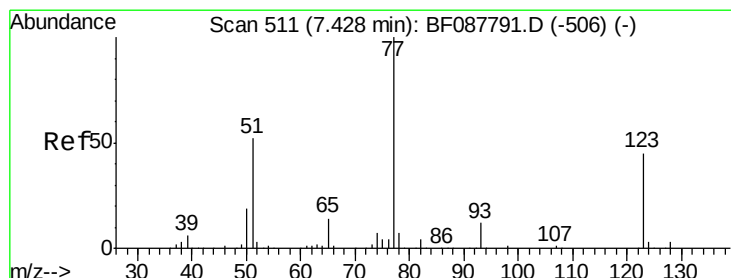
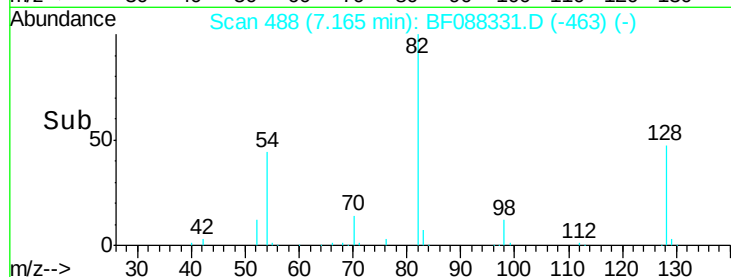
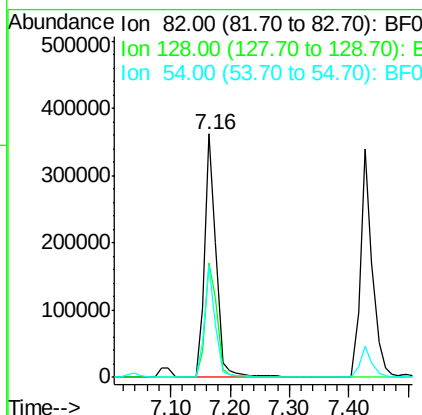
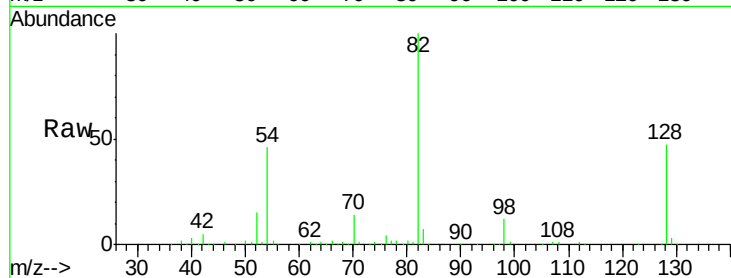




#23
Nitrobenzene-d5
Concen: 74.48 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

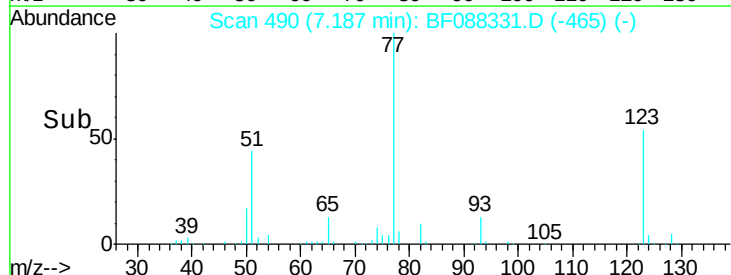
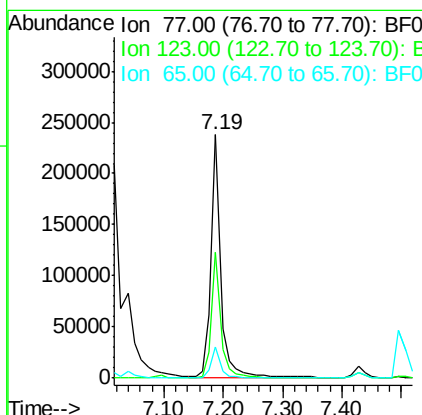
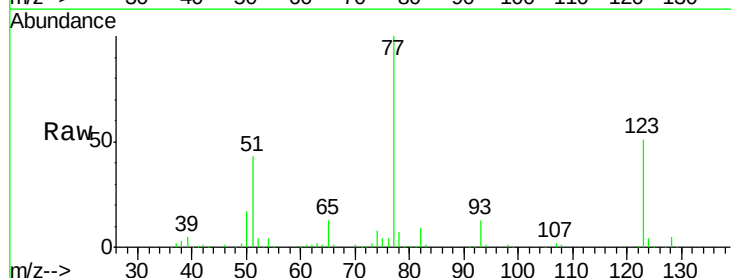
Instrument :
BNA_F
ClientSampled :

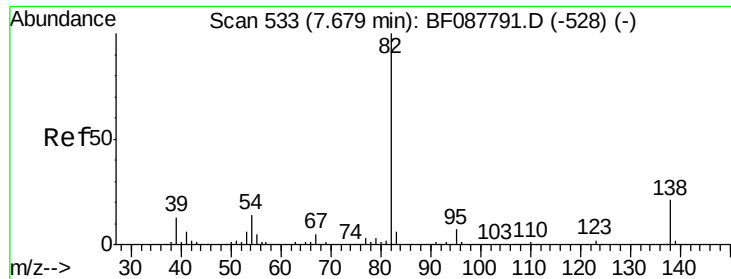
Tot Ion: 82 Resp: 496936
Ion Ratio Lower Upper
82 100
128 46.8 35.9 53.9
54 45.8 40.9 61.3



#24
Nitrobenzene
Concen: 41.83 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion: 77 Resp: 270327
Ion Ratio Lower Upper
77 100
123 51.5 45.0 67.4
65 12.9 10.2 15.2





#25

Isophorone

Concen: 38.62 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

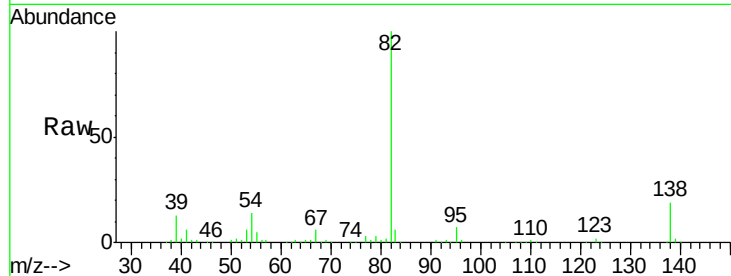
Tot Ion: 82 Resp: 477271

Ion Ratio Lower Upper

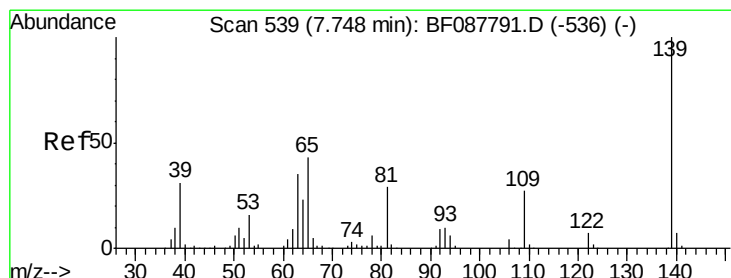
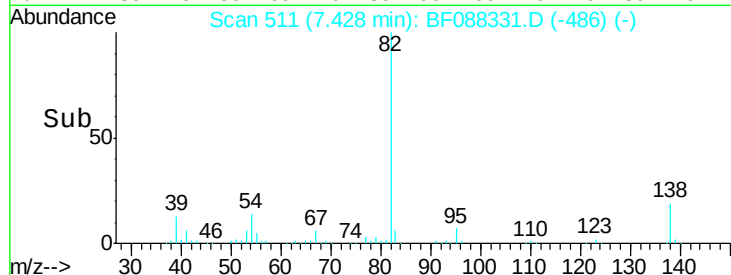
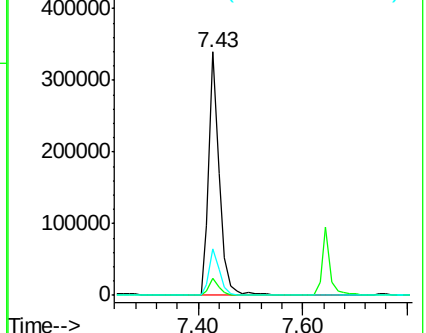
82 100

95 7.2 5.4 8.2

138 19.2 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): E



#26

2-Nitrophenol

Concen: 41.98 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

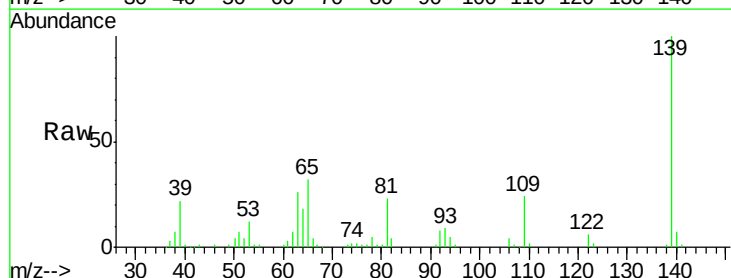
Tgt Ion: 139 Resp: 145341

Ion Ratio Lower Upper

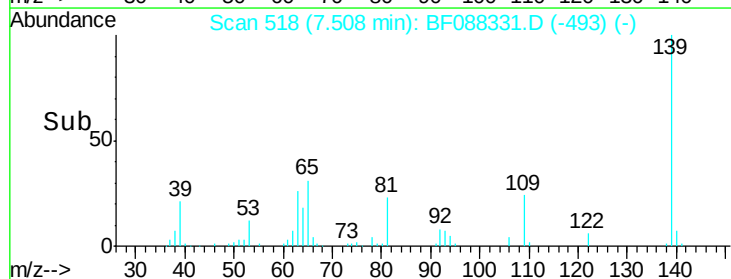
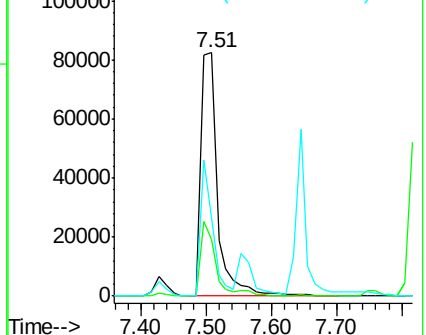
139 100

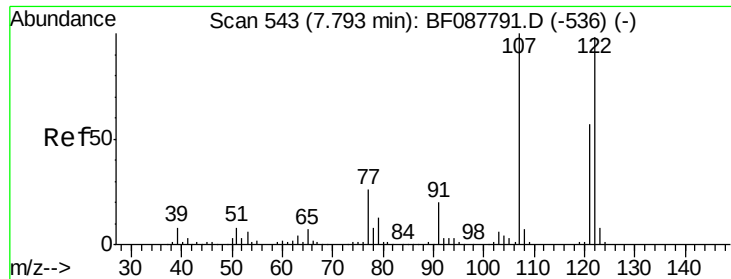
109 23.5 23.0 34.4

65 32.3 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: 35.14 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

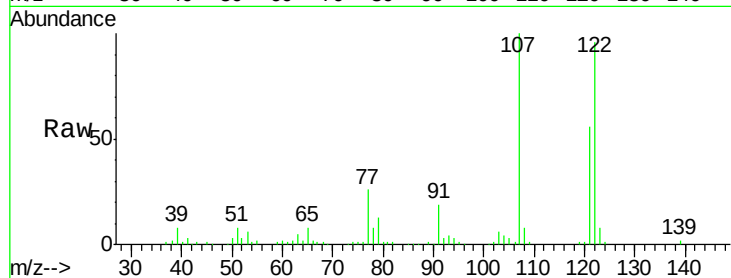
Tot Ion:122 Resp: 224000

Ion Ratio Lower Upper

122 100

107 104.3 82.4 123.6

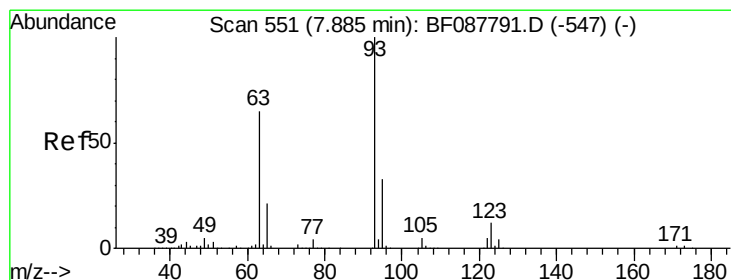
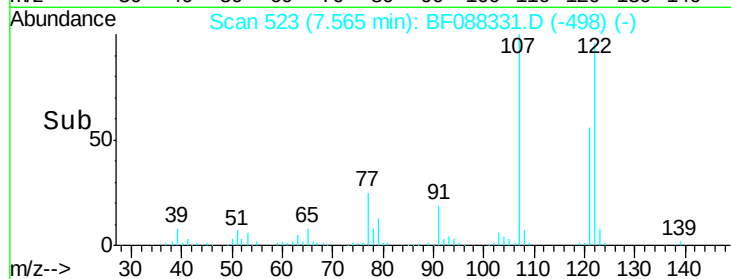
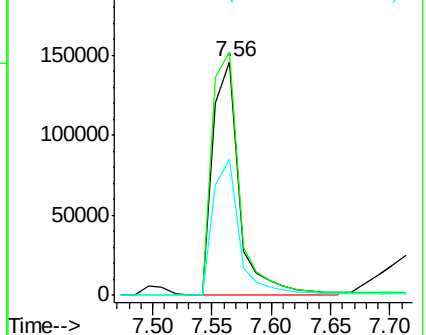
121 58.5 46.3 69.5



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: 41.11 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

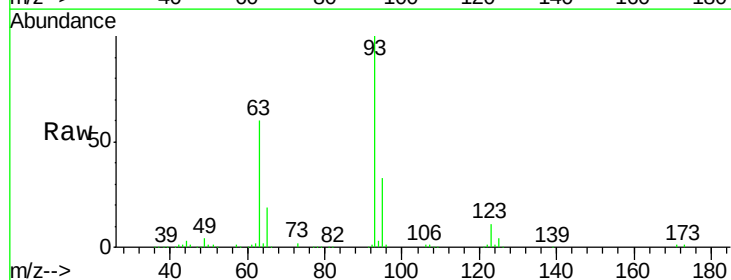
Tgt Ion: 93 Resp: 315087

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

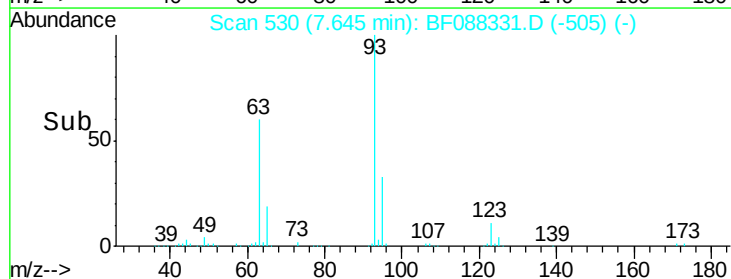
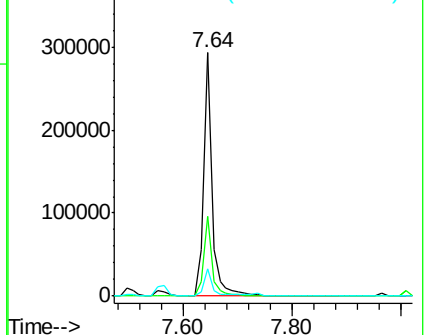
123 11.3 11.6 17.4#

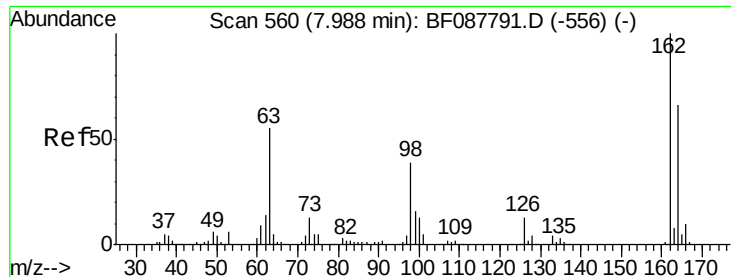


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

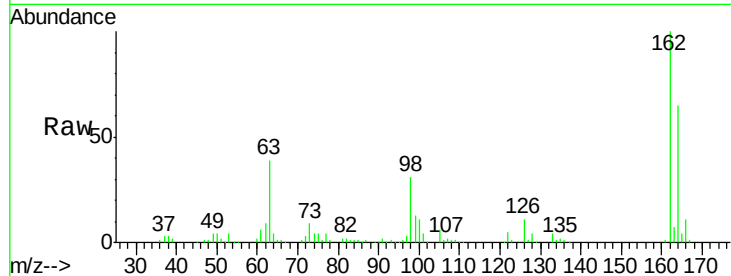




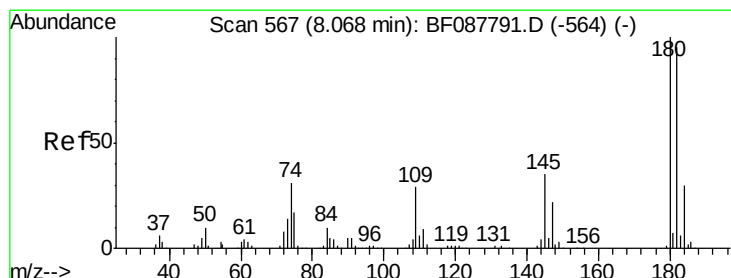
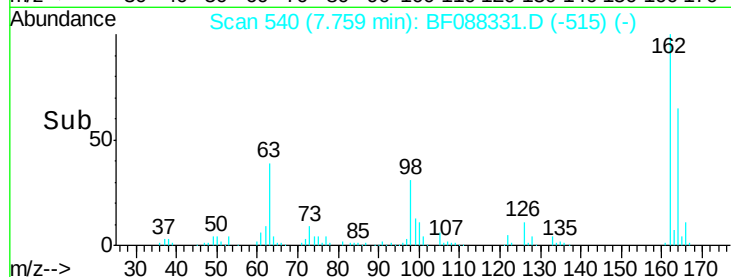
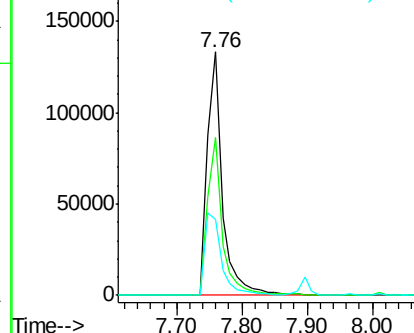
#29
 2,4-Dichlorophenol
 Concen: 40.26 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.8	83.8
98	31.1	21.3	61.3

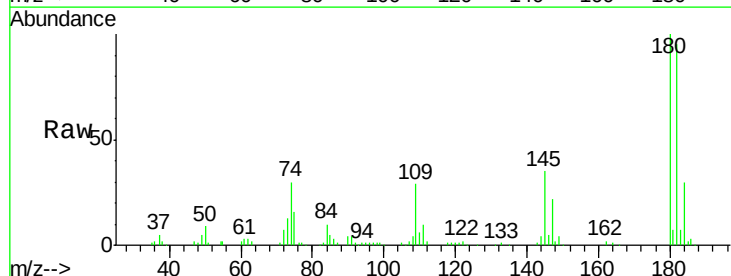


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

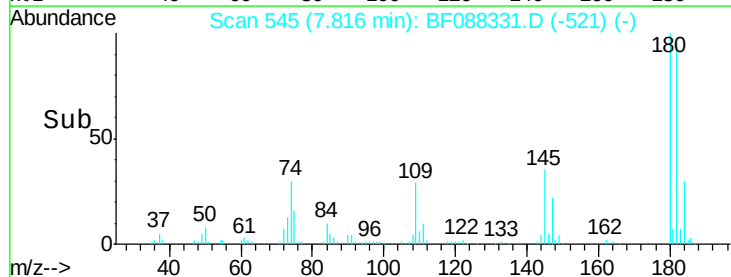
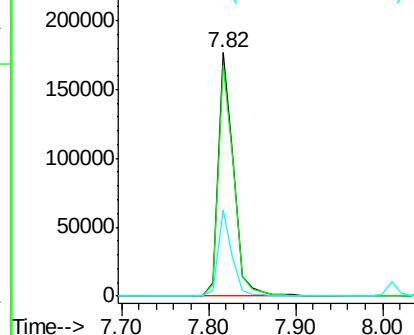


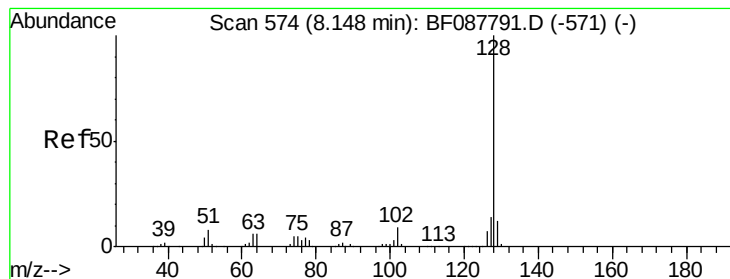
#30
 1,2,4-Trichlorobenzene
 Concen: 37.94 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	35.4	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: 38.45 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

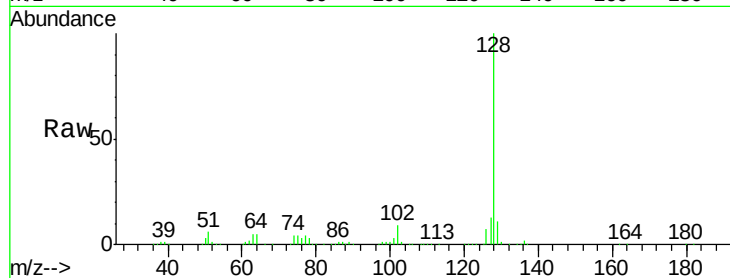
Tot Ion:128 Resp: 741305

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

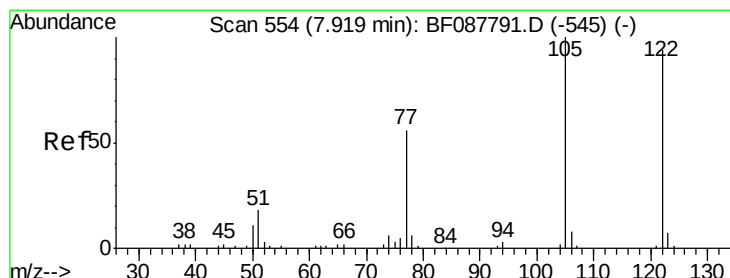
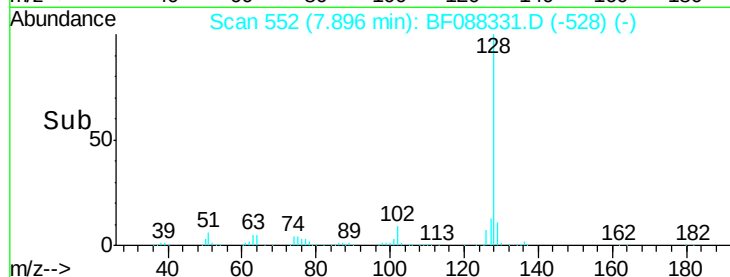
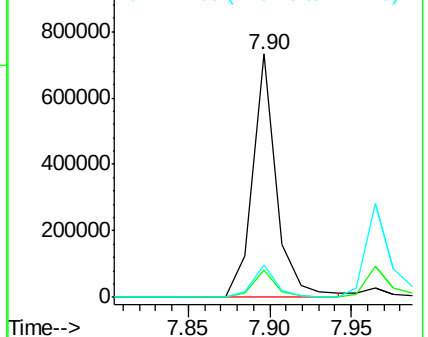
127 13.3 10.9 16.3



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: 30.58 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

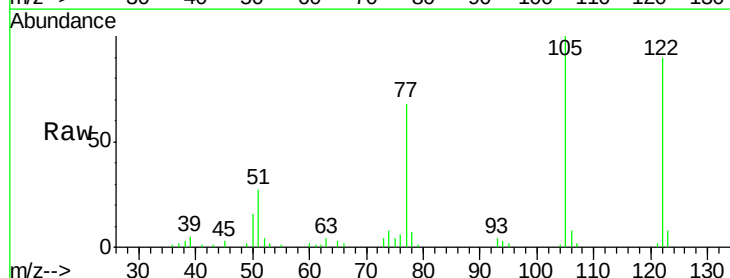
Tgt Ion:122 Resp: 107347

Ion Ratio Lower Upper

122 100

105 111.0 101.6 141.6

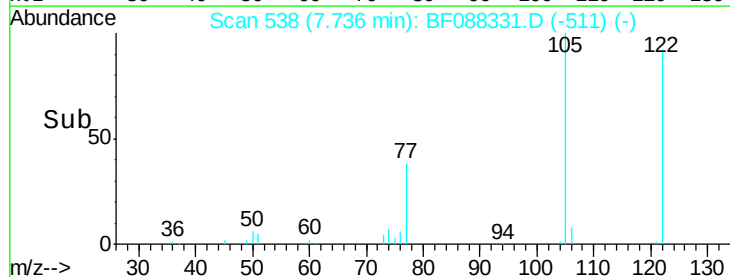
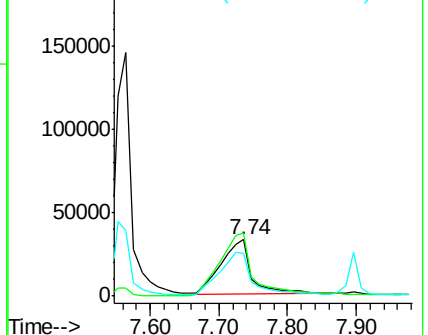
77 75.2 70.6 110.6

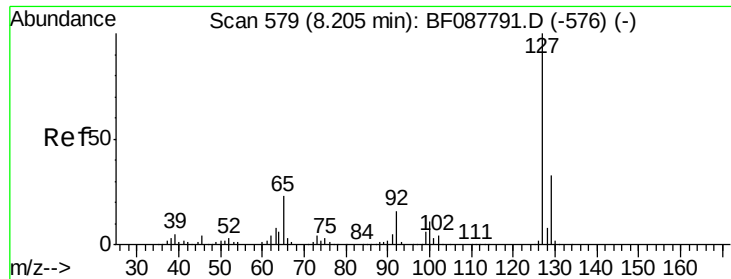


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

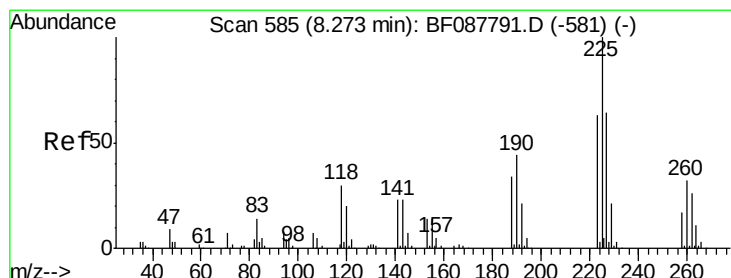
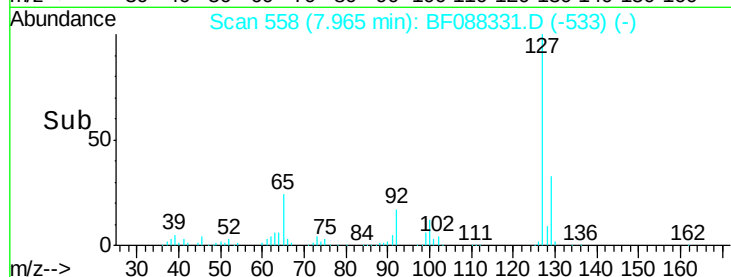
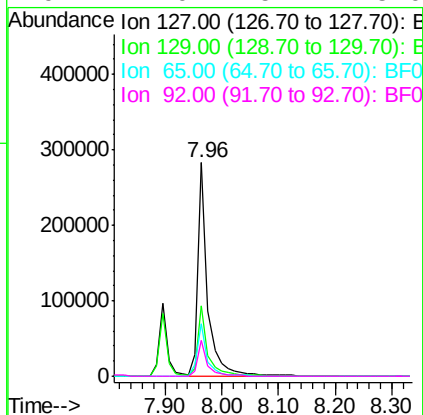
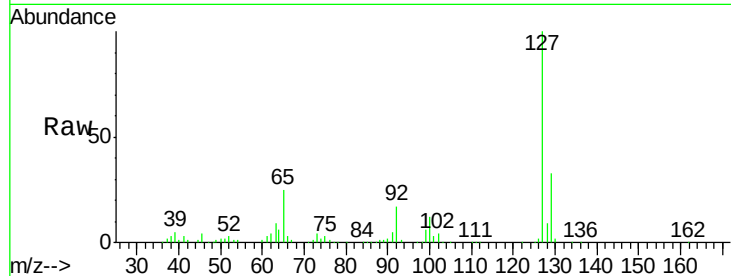




#33
4-Chloroaniline
Concen: 38.82 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

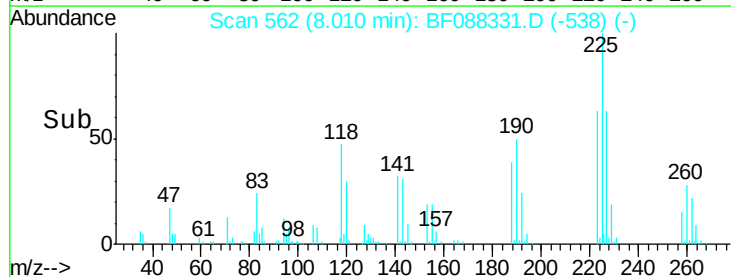
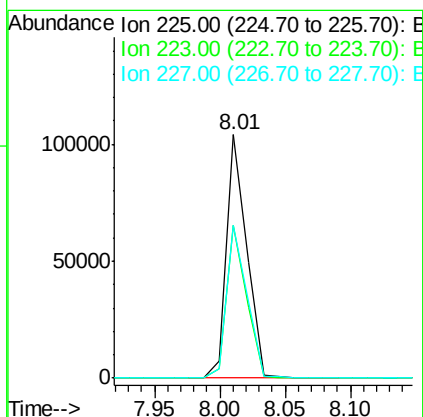
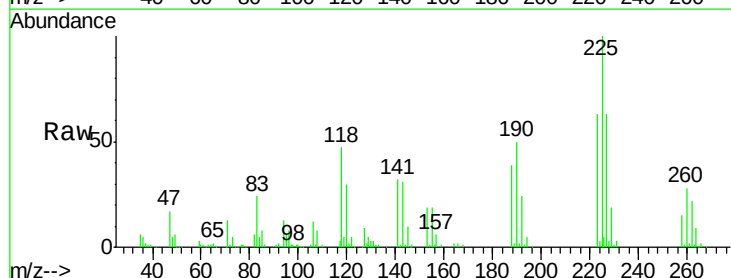
Instrument :
BNA_F
ClientSampleId :

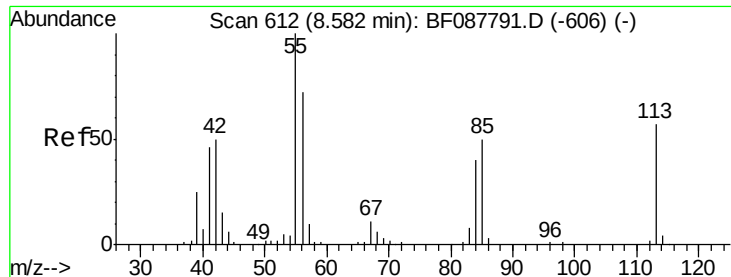
Tot Ion:	127	Resp:	334245
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	24.6	24.7	37.1#
92	17.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 36.60 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:	225	Resp:	111845
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	62.7	51.9	77.9

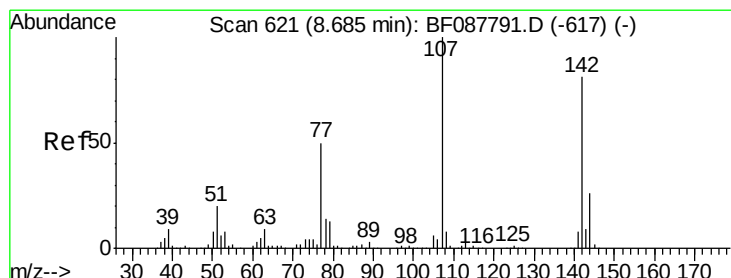
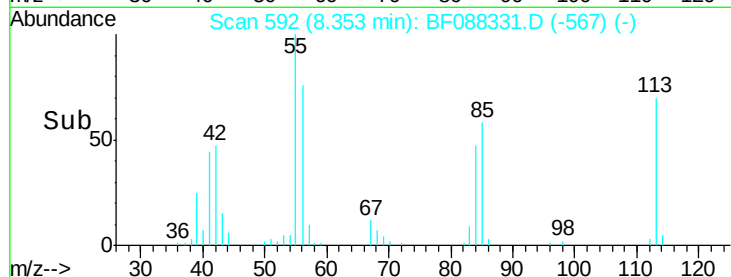
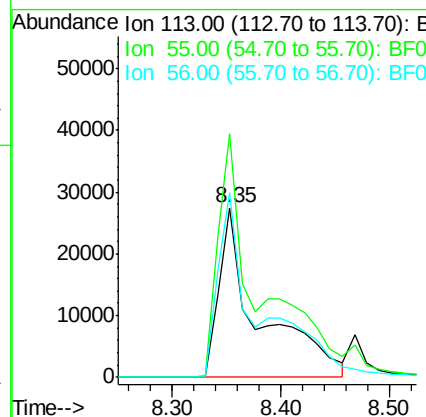
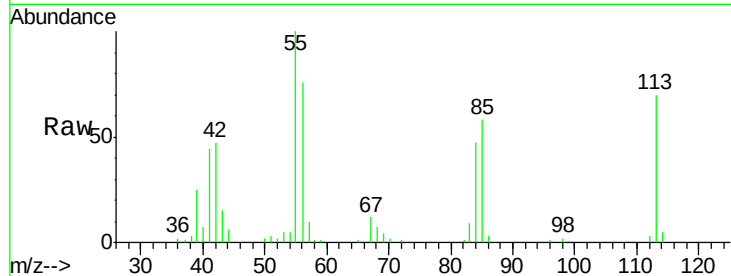




#35
Caprolactam
Concen: 40.11 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

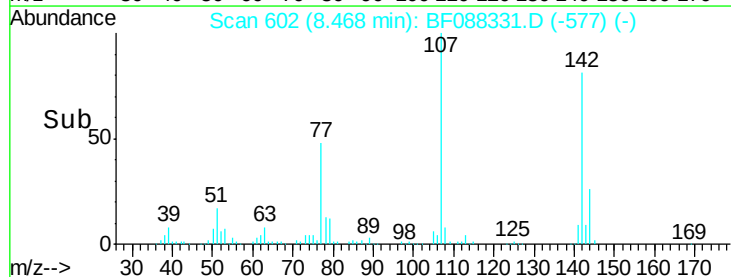
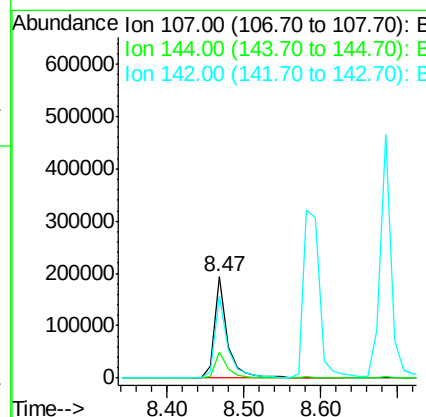
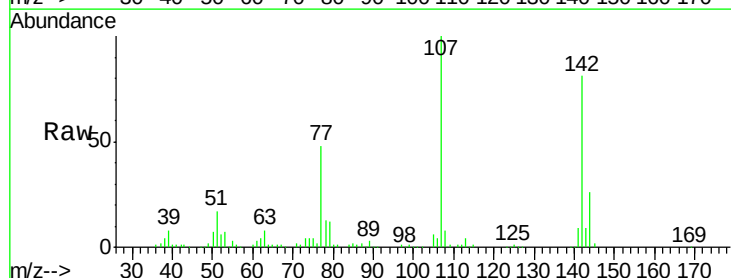
Instrument :
BNA_F
ClientSampleId :

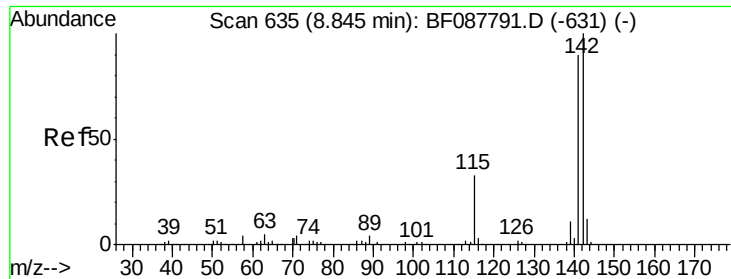
Tot Ion:113 Resp: 70713
Ion Ratio Lower Upper
113 100
55 143.4 158.6 198.6#
56 108.6 110.6 150.6#



#36
4-Chloro-3-methylphenol
Concen: 39.71 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:107 Resp: 226032
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 80.8 63.4 95.2

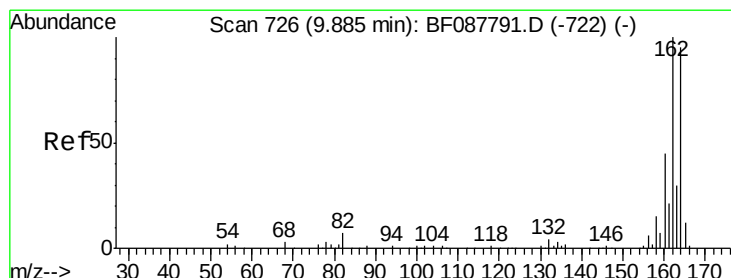
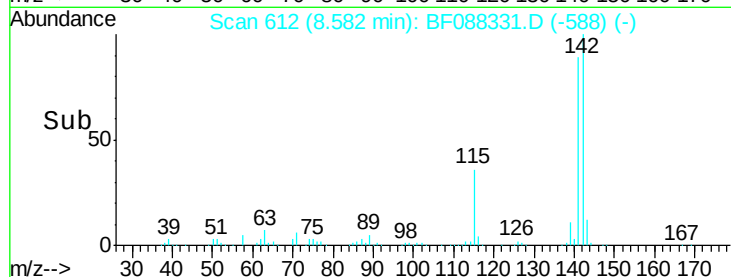
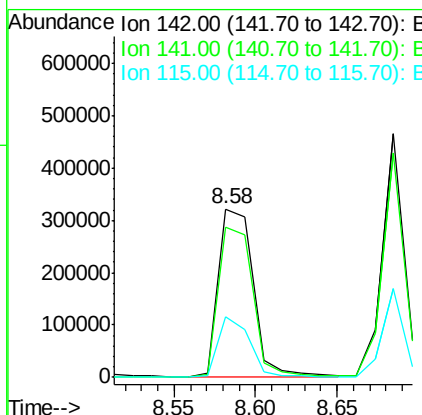
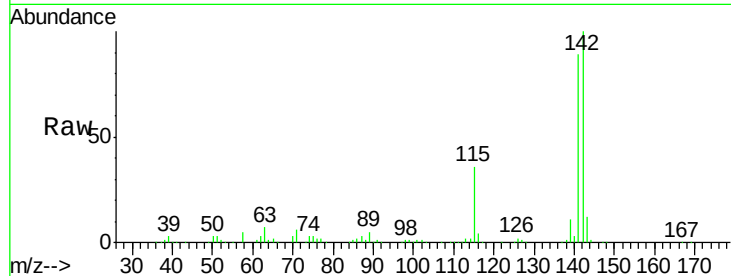




#37
2-Methylnaphthalene
Concen: 37.37 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

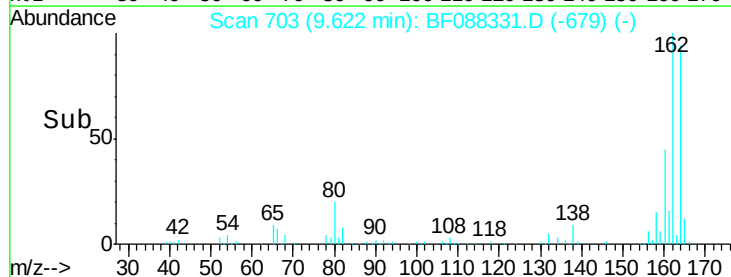
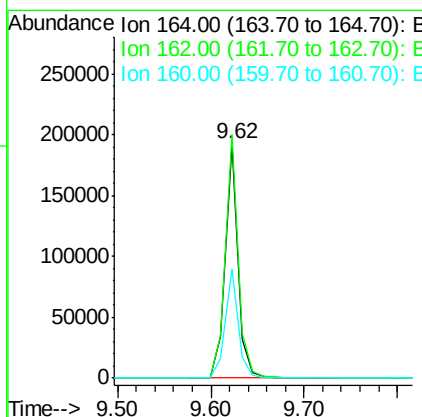
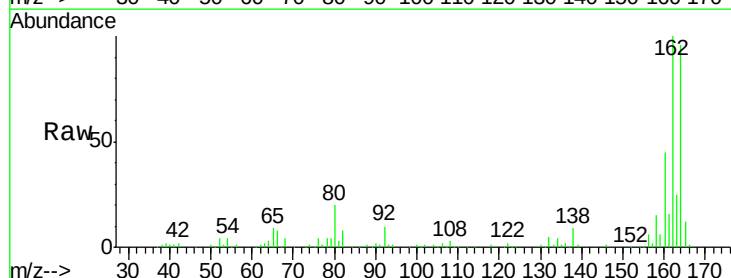
Instrument :
BNA_F
ClientSampleId :

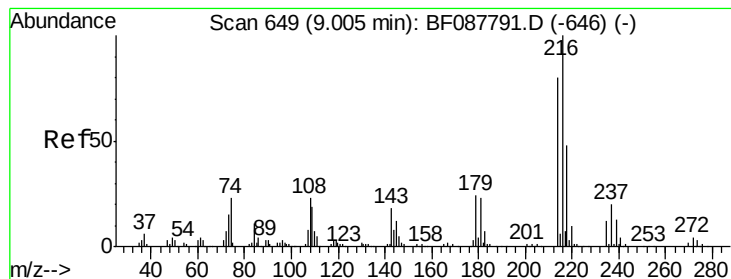
Tot Ion:142 Resp: 474809
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 36.1 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:164 Resp: 183134
Ion Ratio Lower Upper
164 100
162 104.2 85.4 128.2
160 47.0 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.82 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 204154

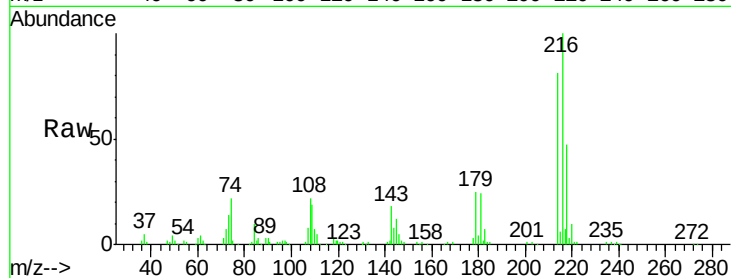
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 22.9 0.0 0.0#

108 22.5 0.5 0.7#

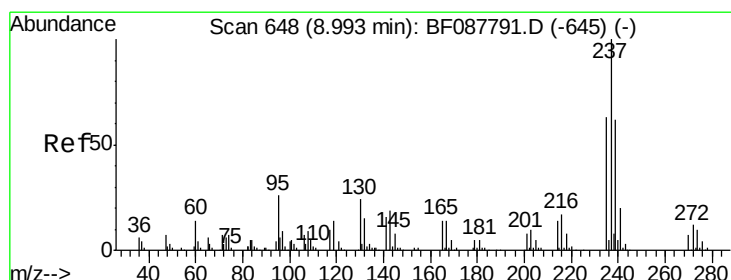
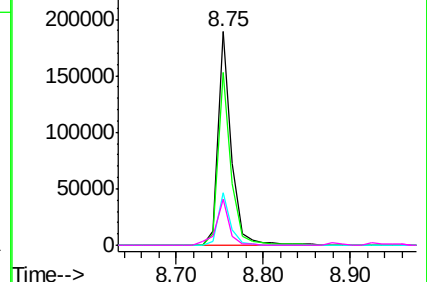
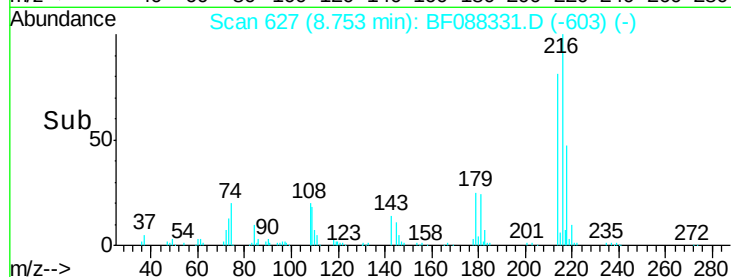


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.14 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

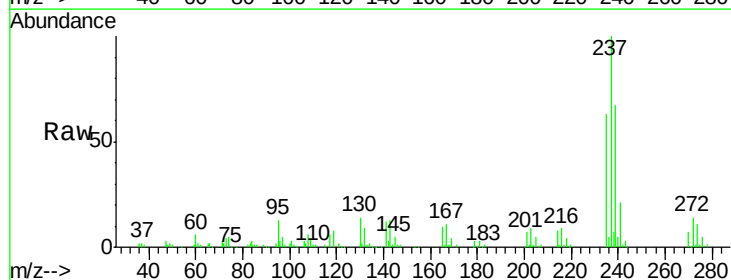
Tgt Ion:237 Resp: 124491

Ion Ratio Lower Upper

237 100

235 63.2 43.4 83.4

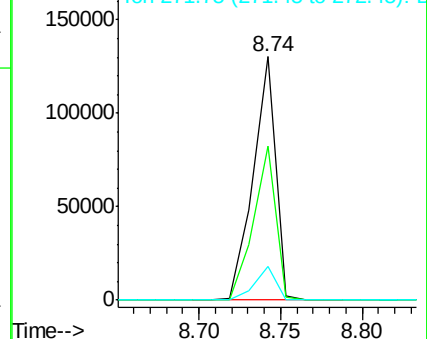
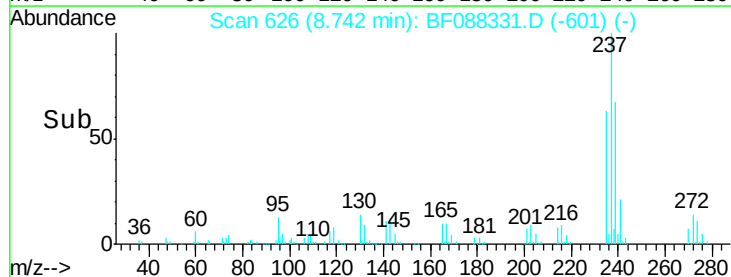
272 13.9 0.0 32.3

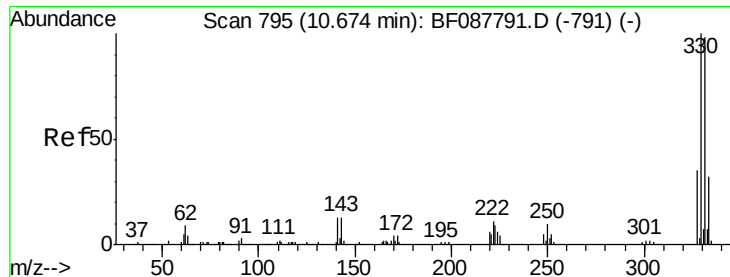


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

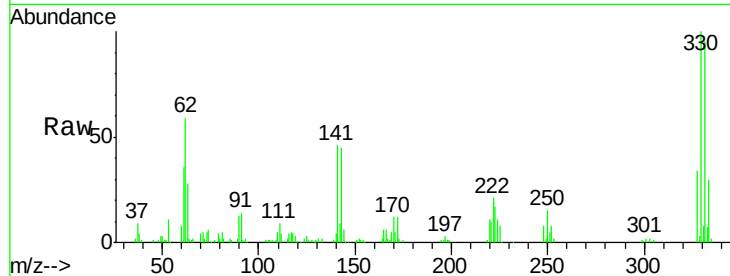




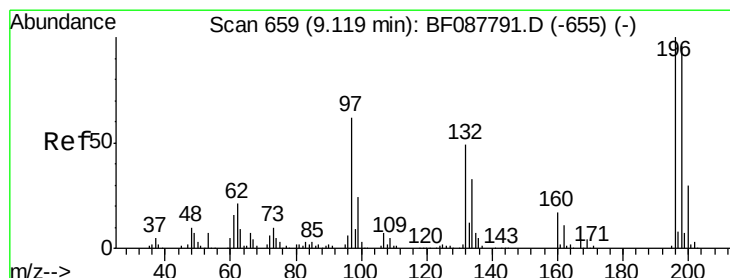
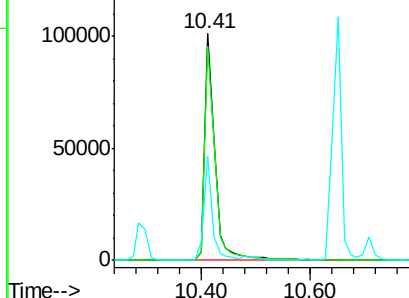
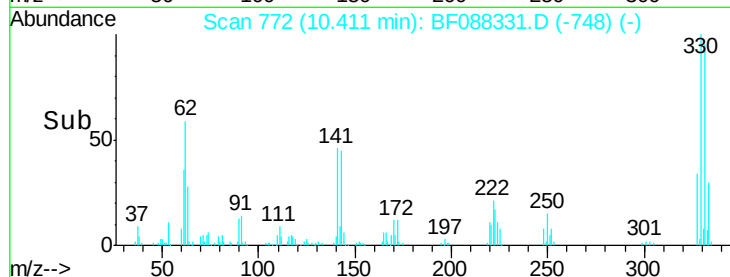
#41
 2,4,6-Tribromophenol
 Concen: 67.75 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	37.8	0.0	0.0#

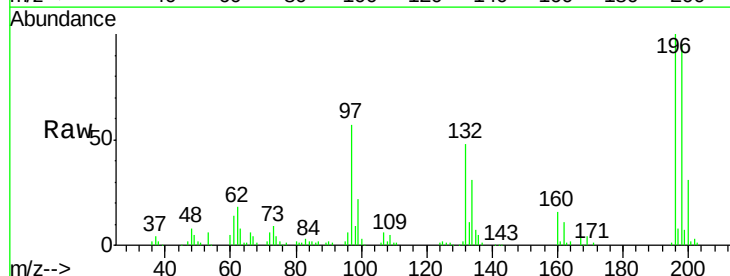


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

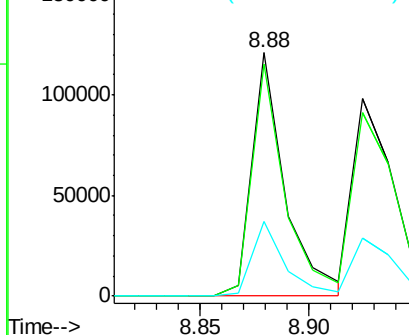
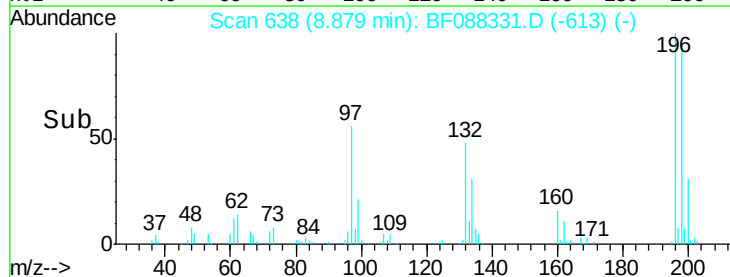


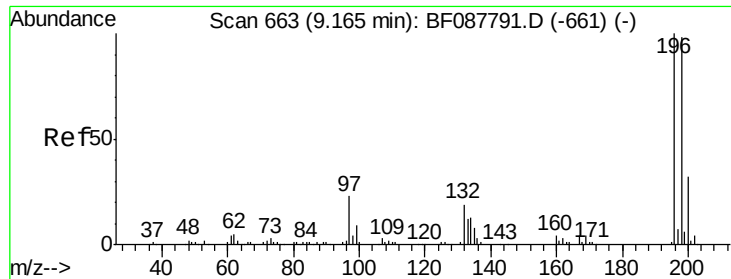
#42
 2,4,6-Trichlorophenol
 Concen: 35.11 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.0	117.0
200	30.6	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

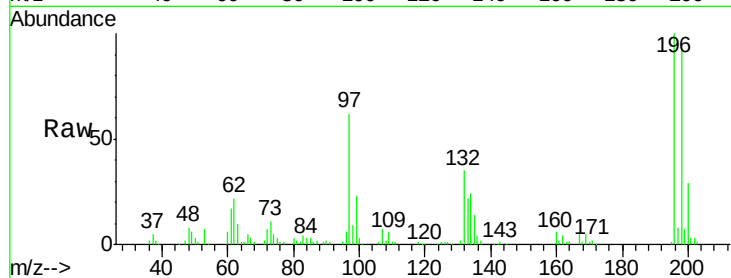




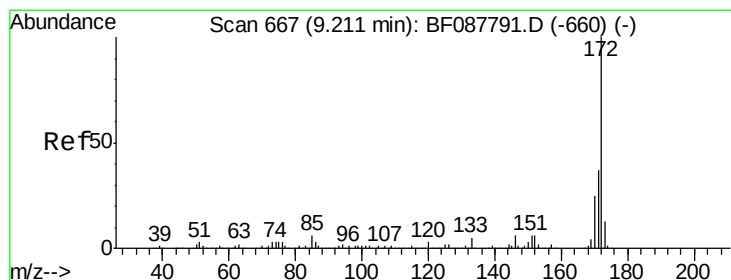
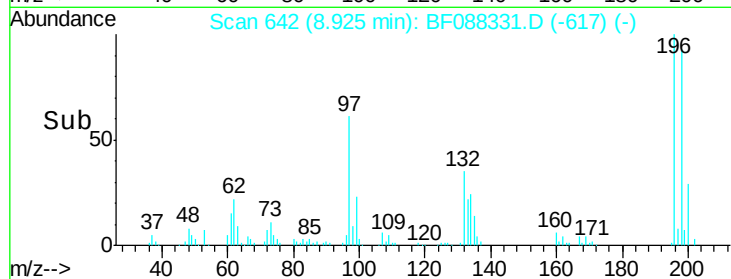
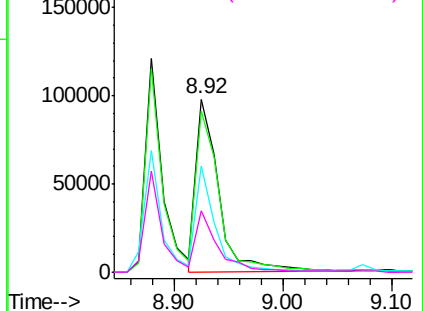
#43
2,4,5-Trichlorophenol
Concen: 36.62 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 139522
Ion Ratio Lower Upper
196 100
198 93.0 77.5 116.3
97 61.6 32.0 48.0#
132 35.3 20.9 31.3#

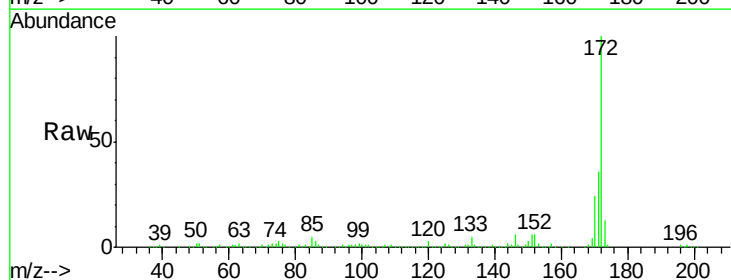


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

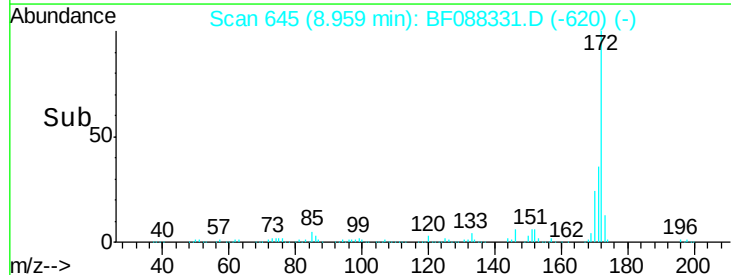
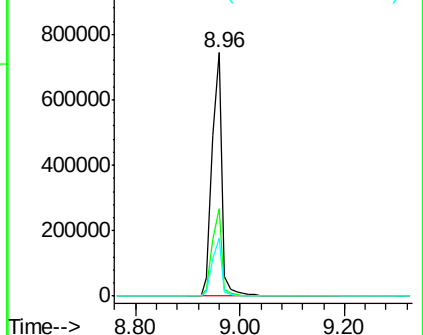


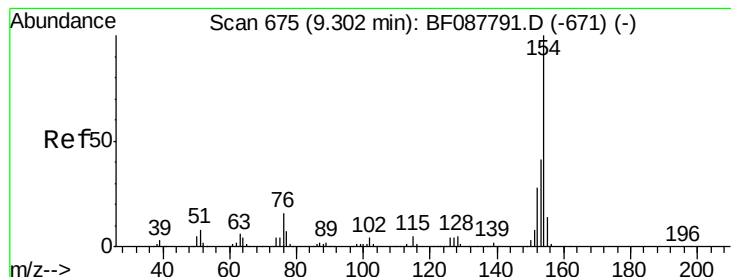
#44
2-Fluorobiphenyl
Concen: 82.72 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:172 Resp: 966005
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.8 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: 41.11 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

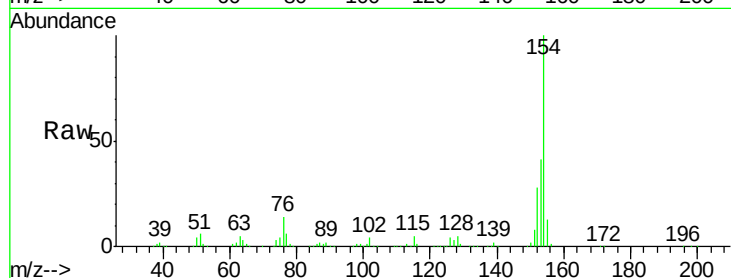
Tot Ion:154 Resp: 572479

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

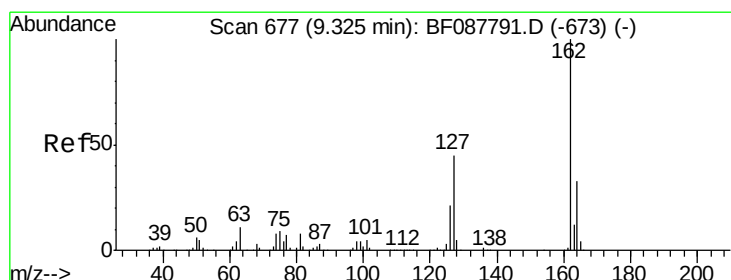
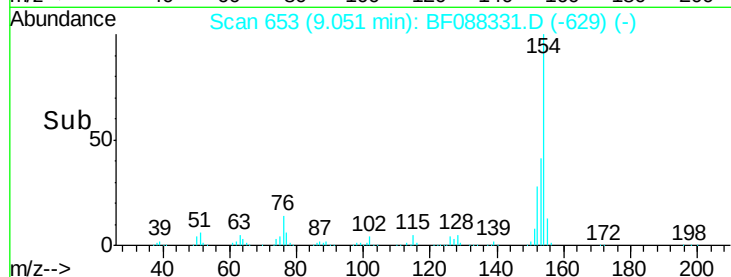
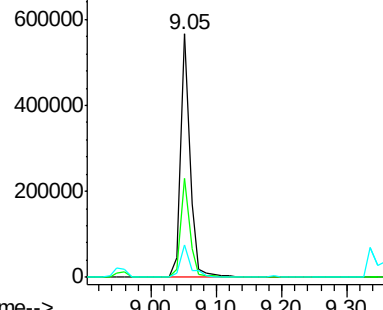
76 13.6 0.0 35.1



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): E



#46

2-Chloronaphthalene

Concen: 38.10 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

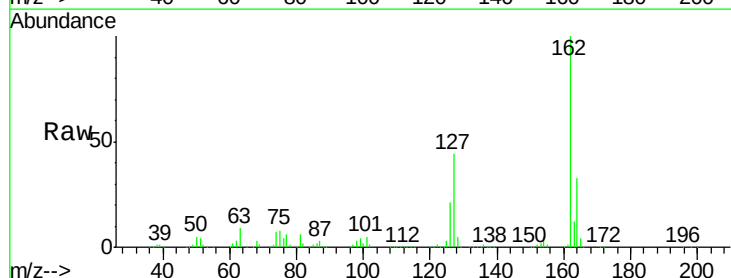
Tgt Ion:162 Resp: 451463

Ion Ratio Lower Upper

162 100

127 44.4 35.2 52.8

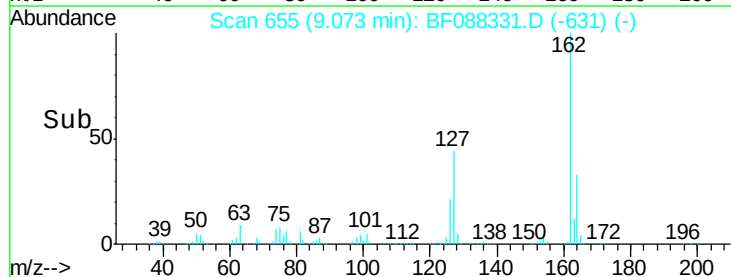
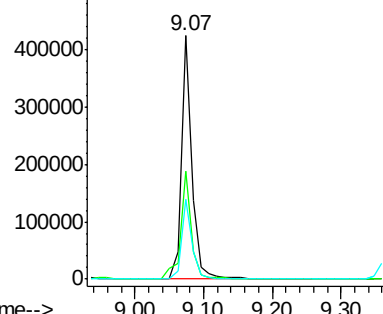
164 32.9 26.6 39.8

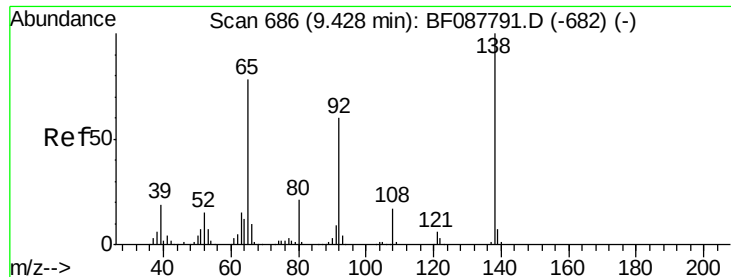


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

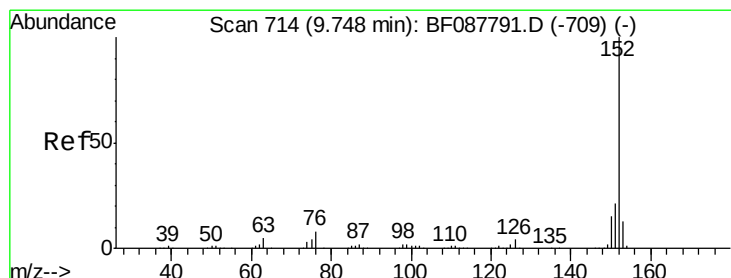
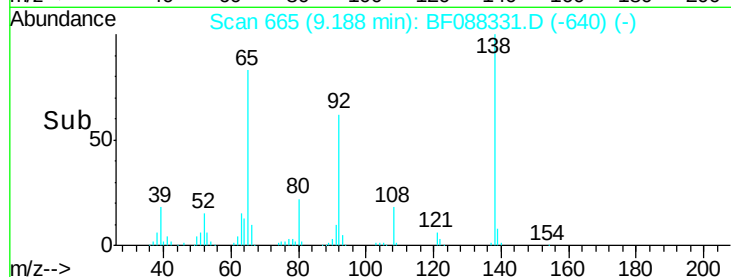
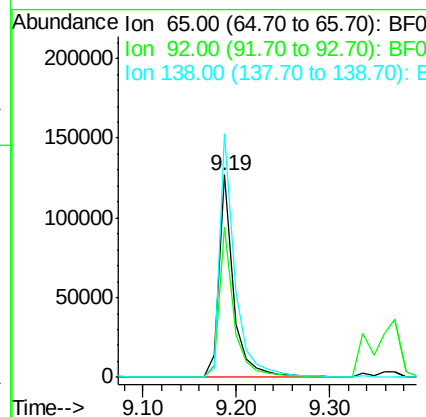
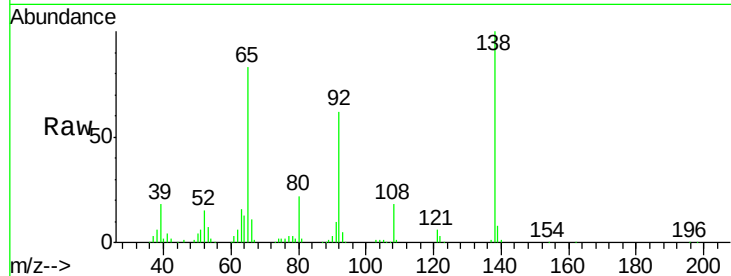




#47
 2-Nitroaniline
 Concen: 39.72 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

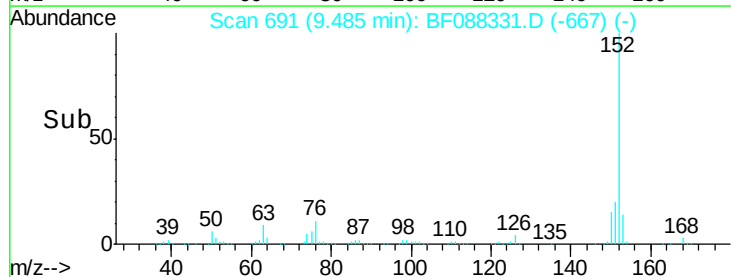
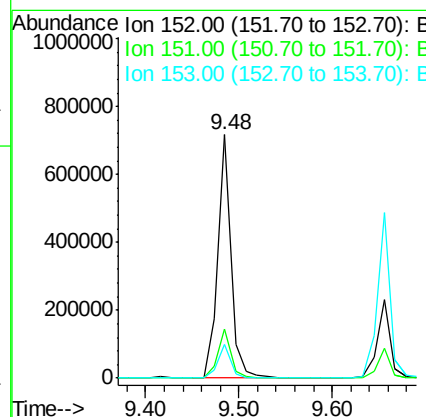
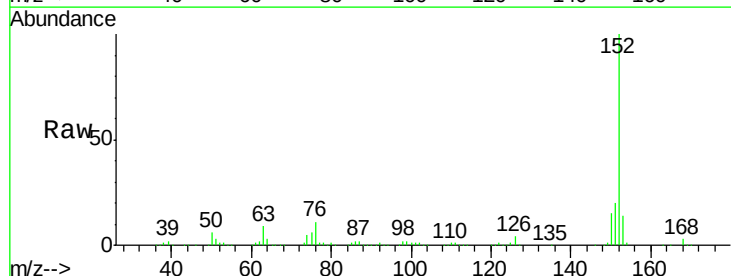
Instrument :
 BNA_F
 ClientSampleId :

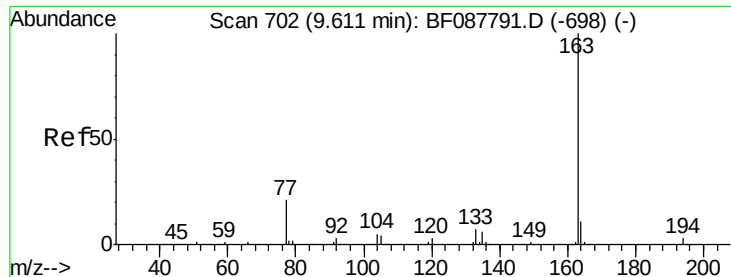
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.2	54.6	82.0
138	120.5	77.0	115.4



#48
 Acenaphthylene
 Concen: 37.79 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.6	11.0	16.6

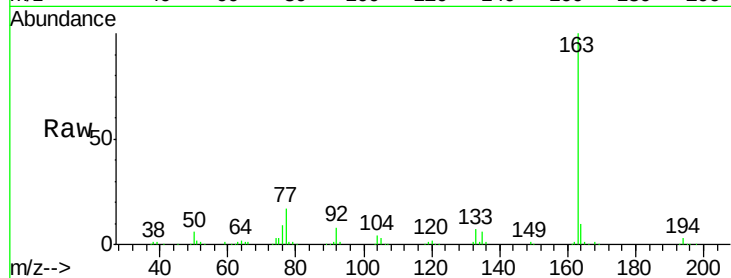




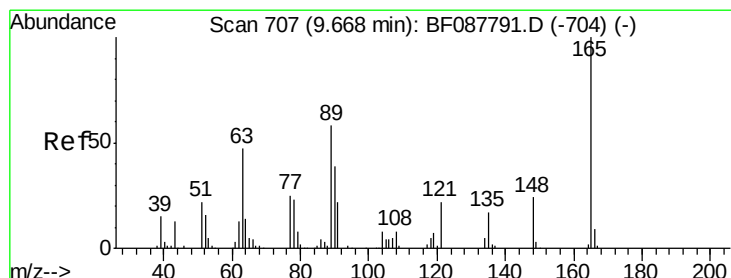
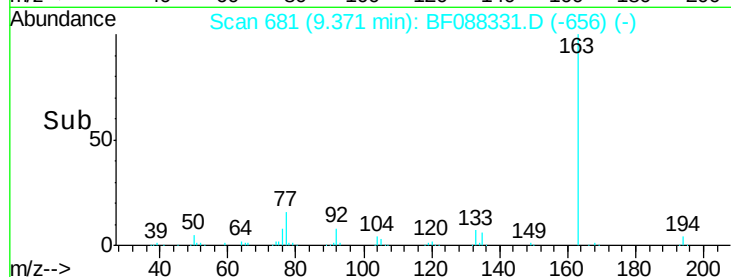
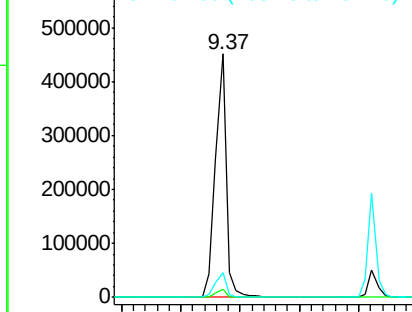
#49
Dimethylphthalate
Concen: 42.76 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 567283
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.9 8.3 12.5

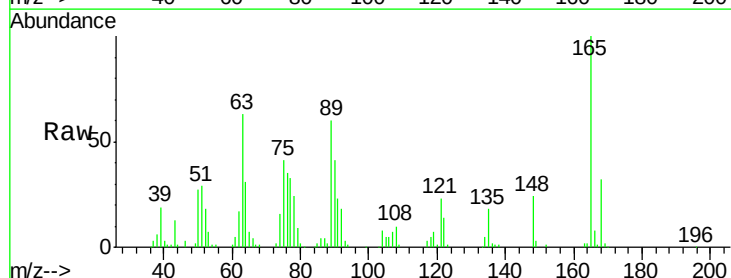


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

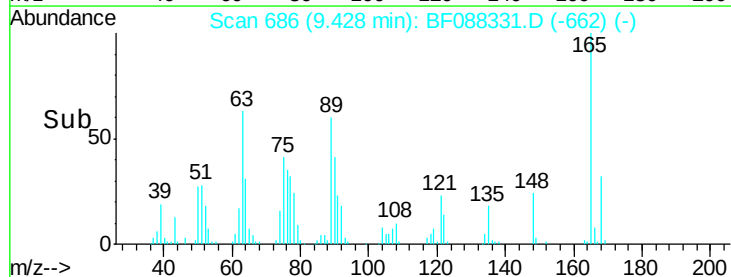
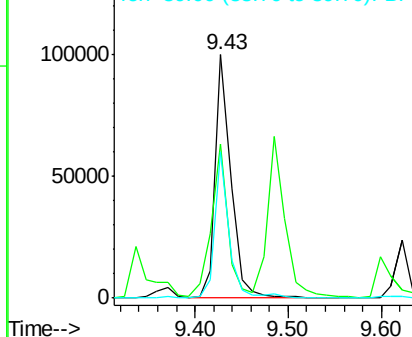


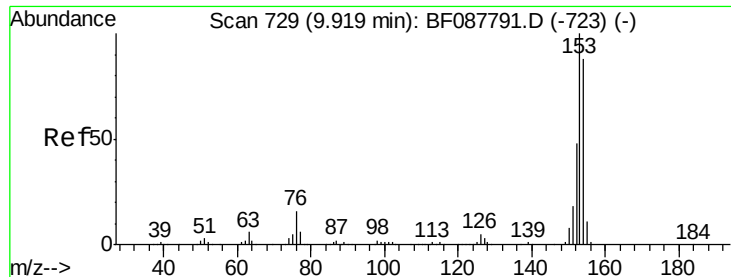
#50
2,6-Dinitrotoluene
Concen: 38.65 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:165 Resp: 117426
Ion Ratio Lower Upper
165 100
63 63.4 28.1 42.1#
89 59.9 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: 35.67 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

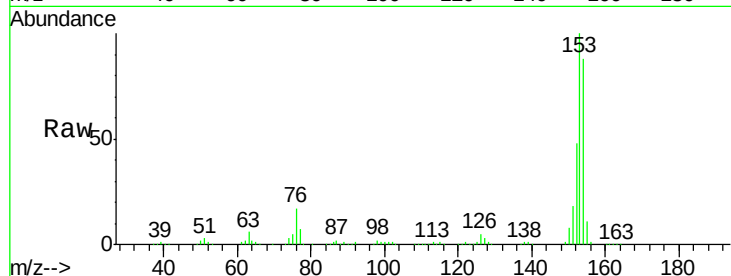
Tot Ion:154 Resp: 419486

Ion Ratio Lower Upper

154 100

153 113.5 89.5 134.3

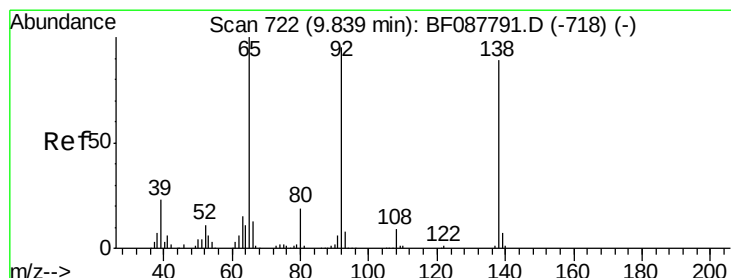
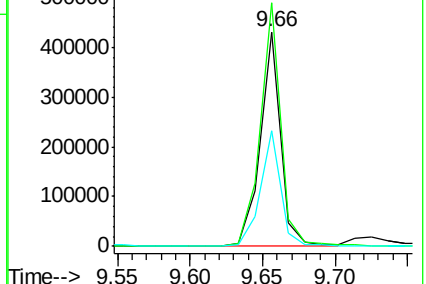
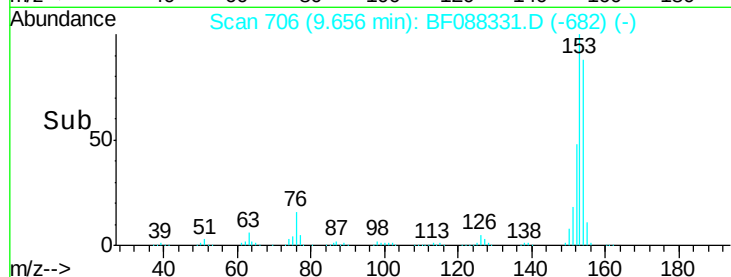
152 54.0 42.7 64.1



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: 39.38 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

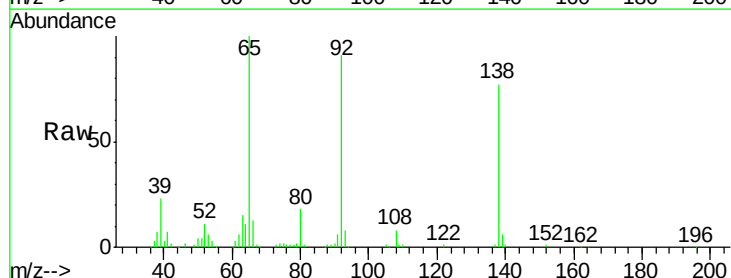
Tgt Ion:138 Resp: 138042

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

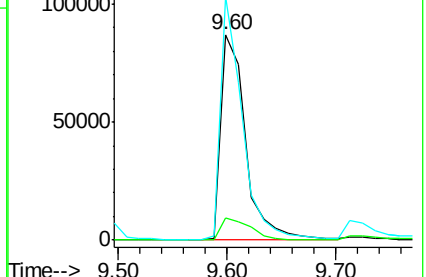
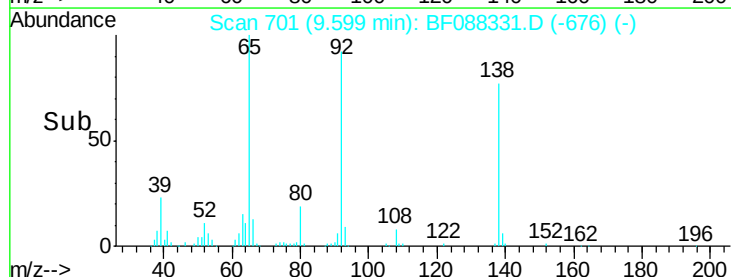
92 118.5 95.7 143.5

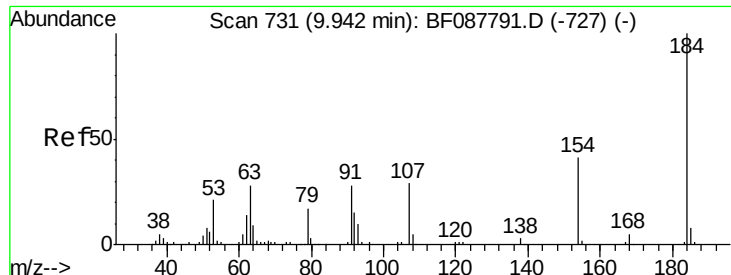


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

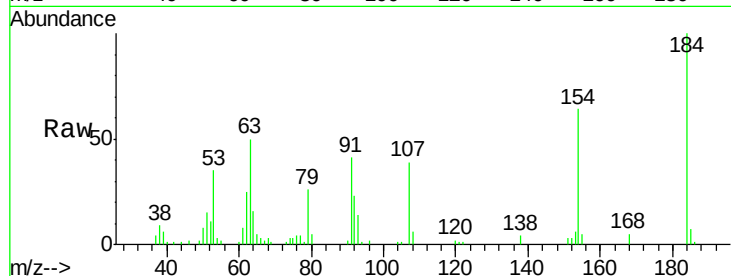




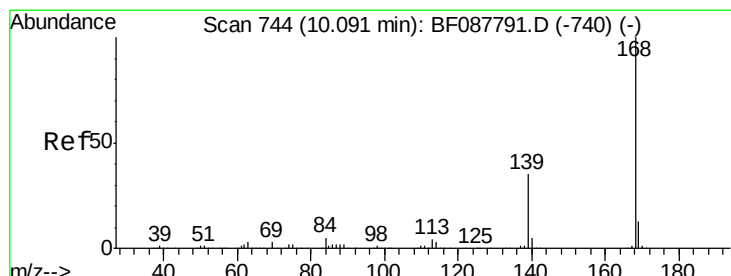
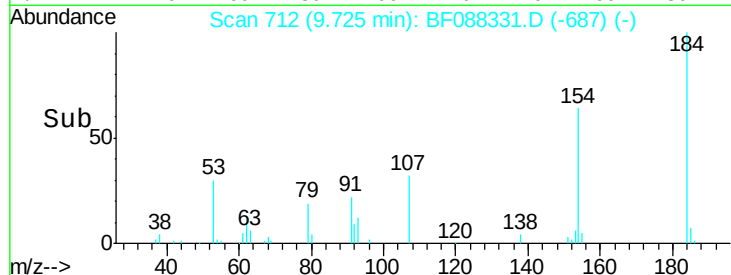
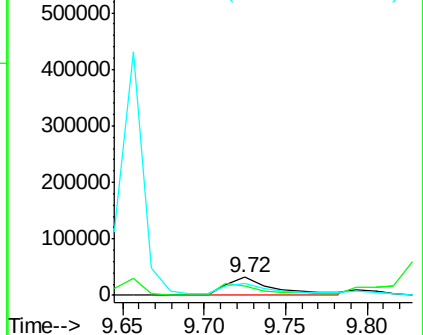
#53
 2,4-Dinitrophenol
 Concen: 44.60 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 64871
 Ion Ratio Lower Upper
 184 100
 63 50.0 57.6 86.4#
 154 63.8 53.5 80.3

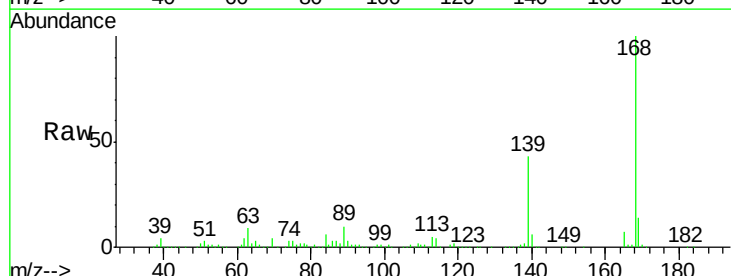


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

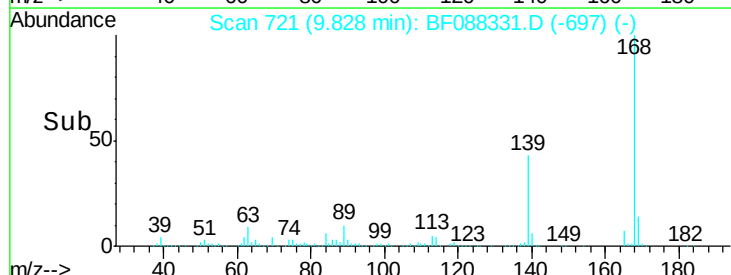
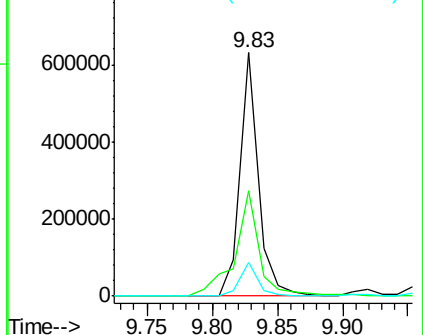


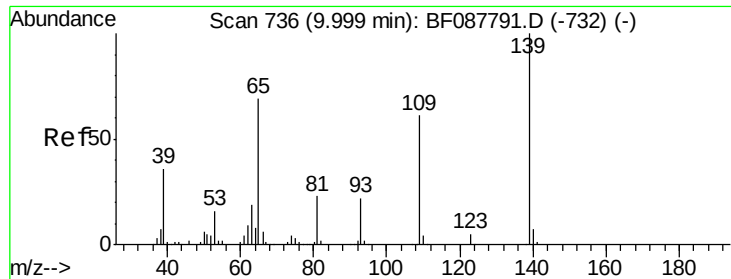
#54
 Dibenzofuran
 Concen: 37.98 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:168 Resp: 615114
 Ion Ratio Lower Upper
 168 100
 139 43.2 26.4 39.6#
 169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 133.03 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

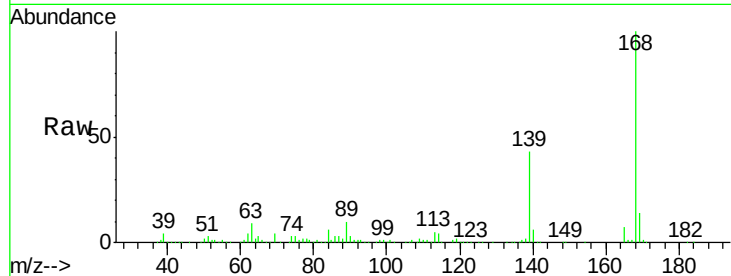
Tot Ion:139 Resp: 361964

Ion Ratio Lower Upper

139 100

109 4.4 48.9 88.9#

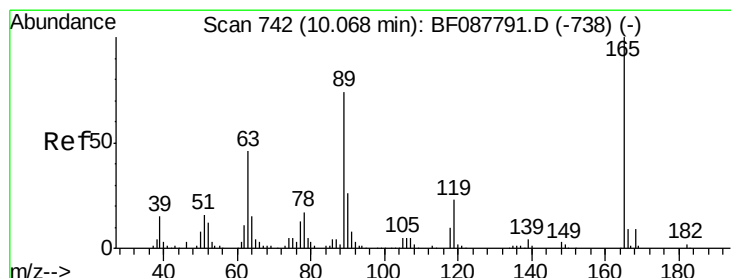
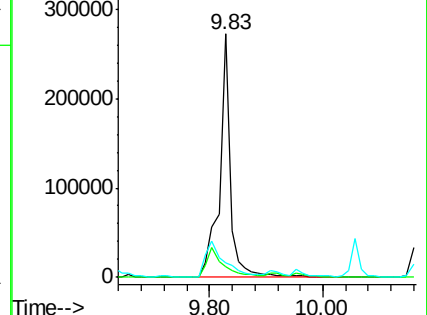
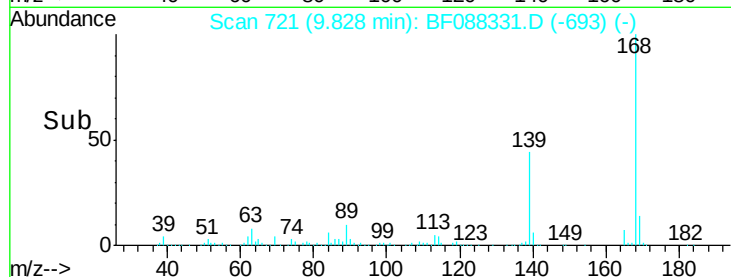
65 6.2 84.9 124.9#



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: 42.84 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:165 Resp: 167247

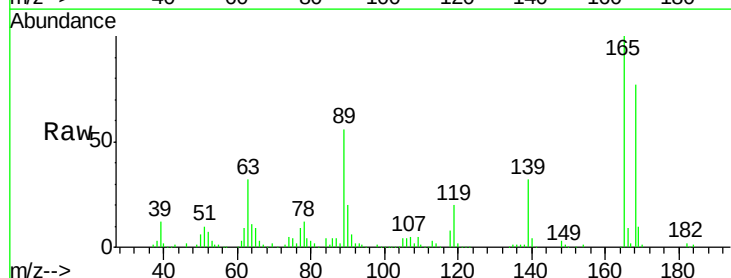
Ion Ratio Lower Upper

165 100

63 32.3 22.0 33.0

89 56.1 41.1 61.7

182 2.4 2.0 3.0

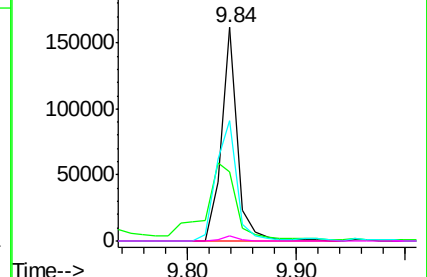
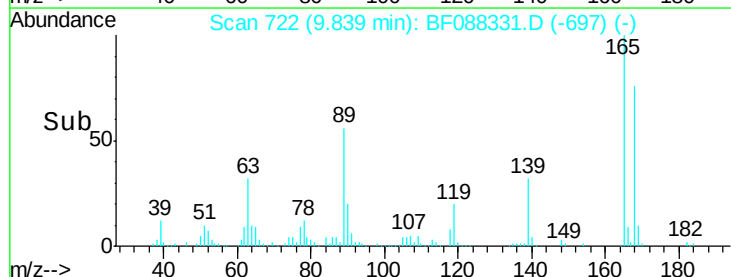


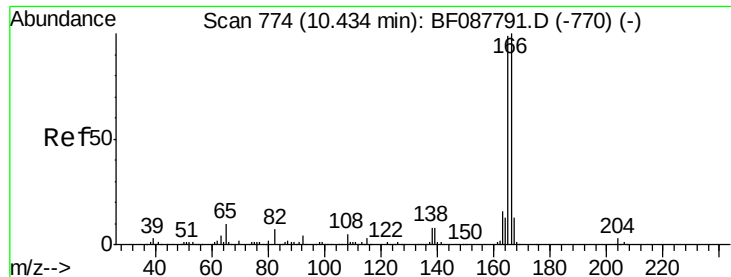
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.30 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

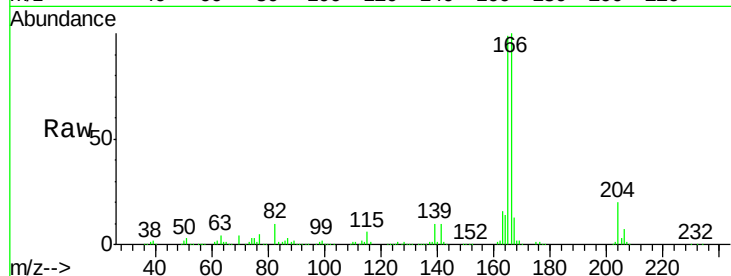
Tot Ion:166 Resp: 495401

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

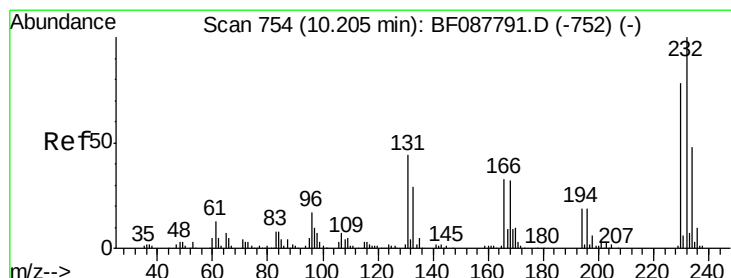
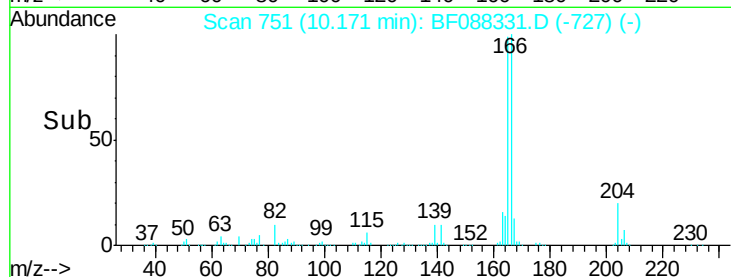
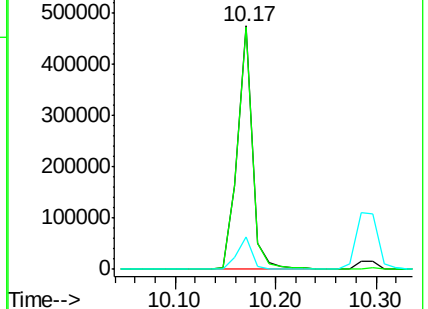
167 13.2 11.2 16.8



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: 38.08 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion:232 Resp: 114032

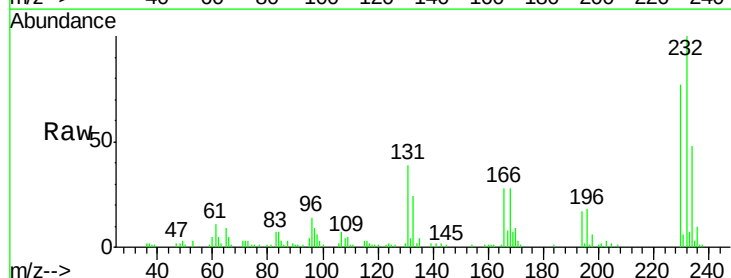
Ion Ratio Lower Upper

232 100

131 44.7 0.9 1.3#

130 2.1 1.5 2.3

166 32.1 0.5 0.7#

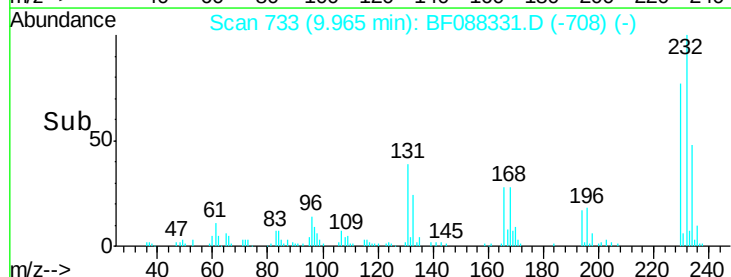
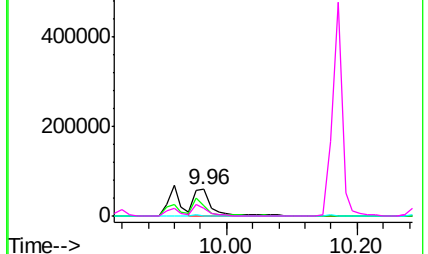


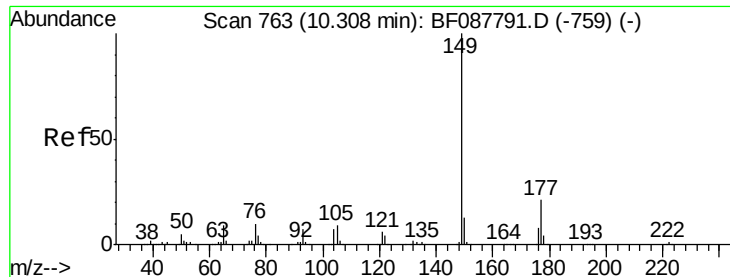
Abundance Ion 232.00 (231.70 to 232.70): E

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

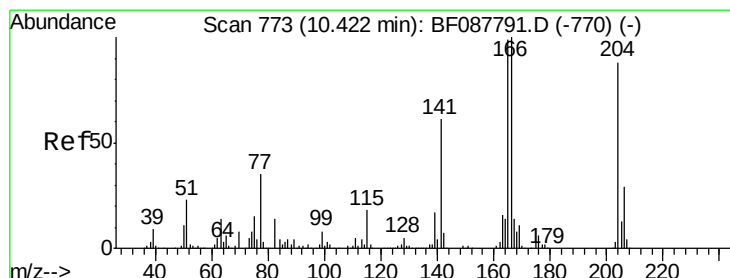
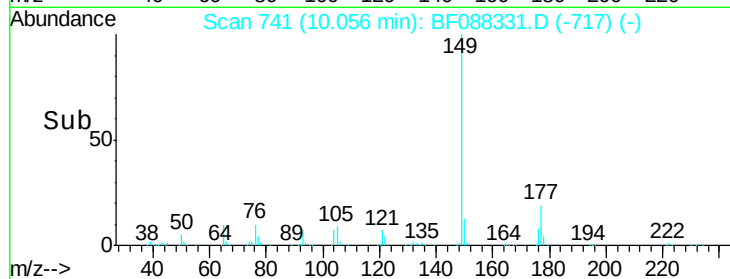
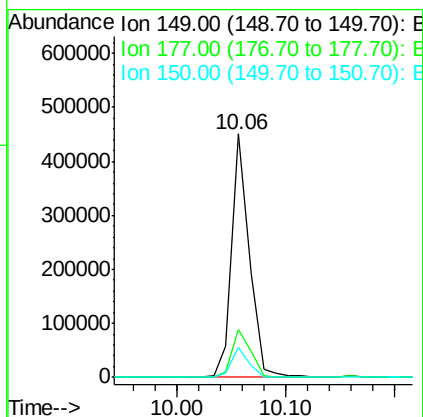
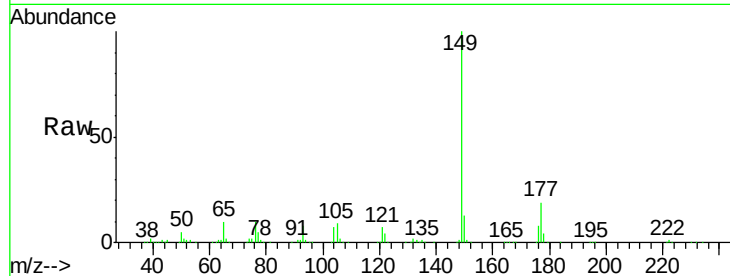




#59
Diethylphthalate
Concen: 37.75 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

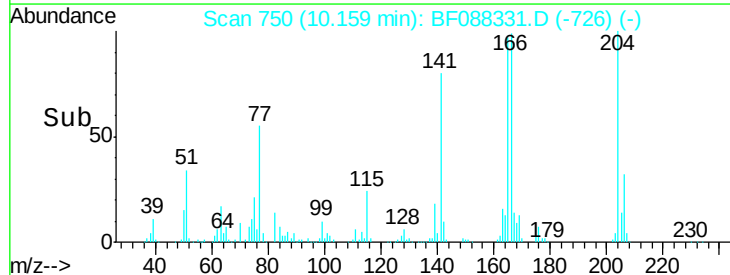
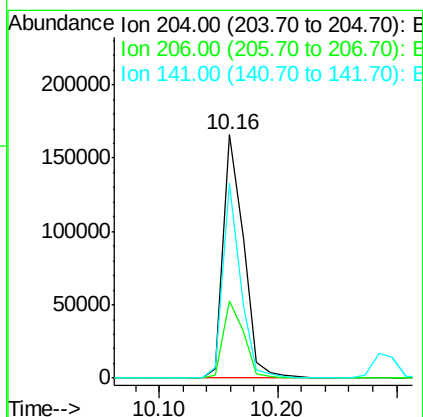
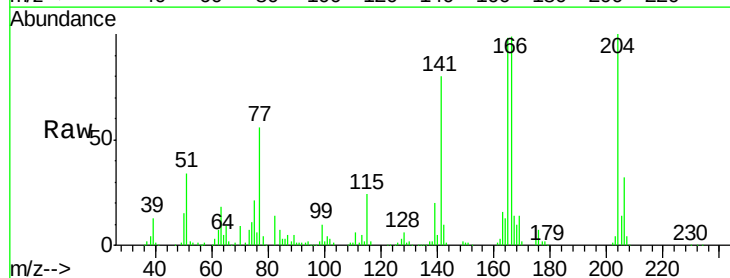
Instrument :
BNA_F
ClientSampleId :

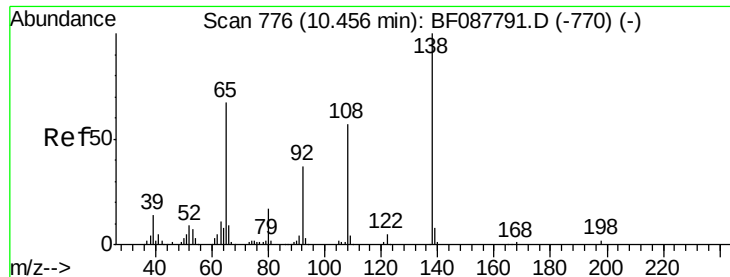
Tot Ion:149 Resp: 506948
Ion Ratio Lower Upper
149 100
177 19.4 16.9 25.3
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.37 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:204 Resp: 195870
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 79.8 55.0 82.6





#61

4-Nitroaniline

Concen: 42.94 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

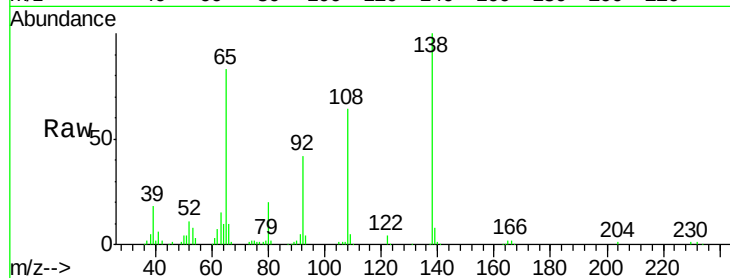
Tot Ion:138 Resp: 142800

Ion Ratio Lower Upper

138 100

92 42.2 27.3 67.3

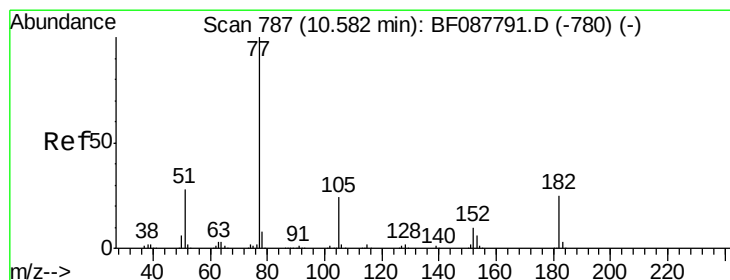
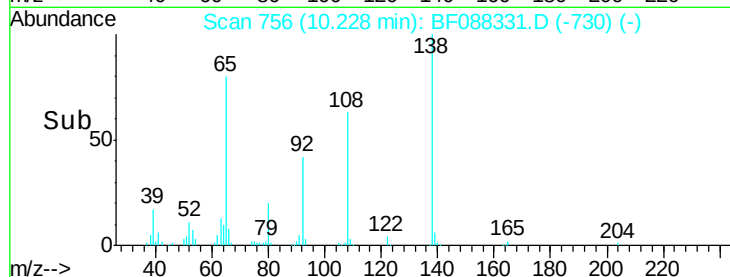
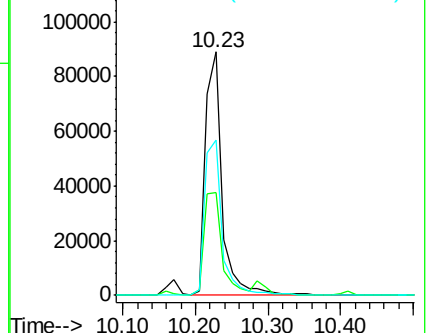
108 63.8 46.7 86.7



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: 39.15 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Tgt Ion: 77 Resp: 519925

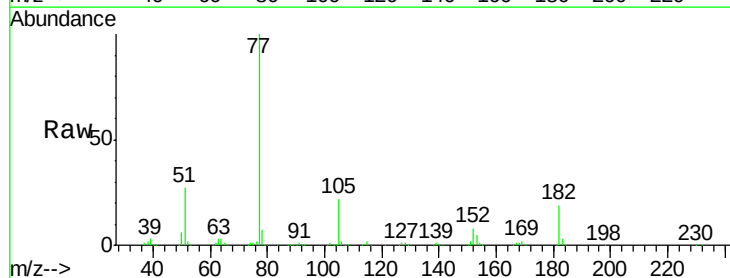
Ion Ratio Lower Upper

77 100

182 18.9 4.4 44.4

105 22.5 3.8 43.8

51 26.9 9.3 49.3

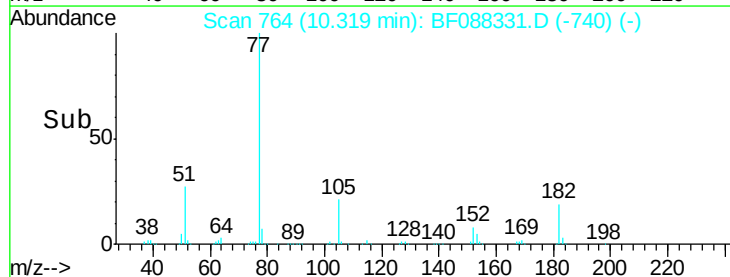
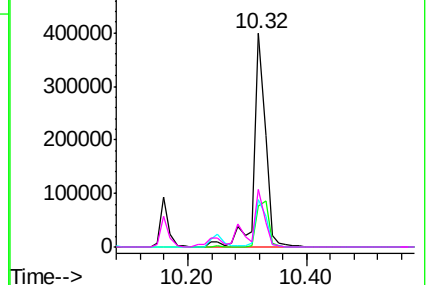


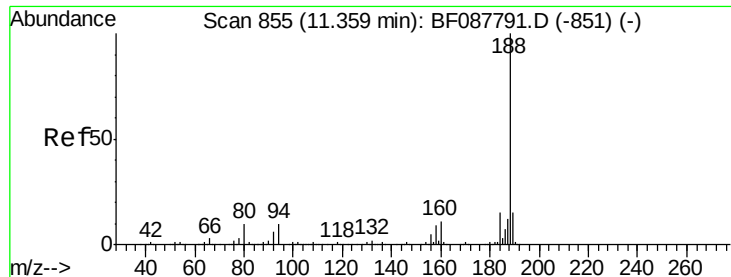
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

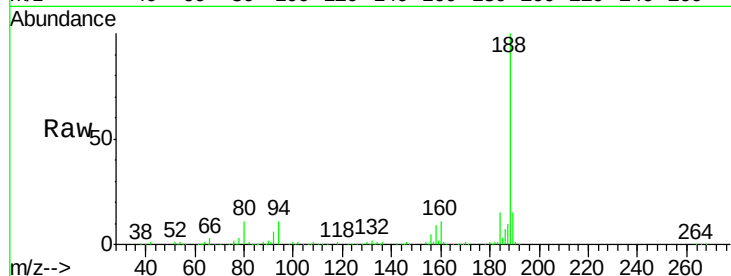




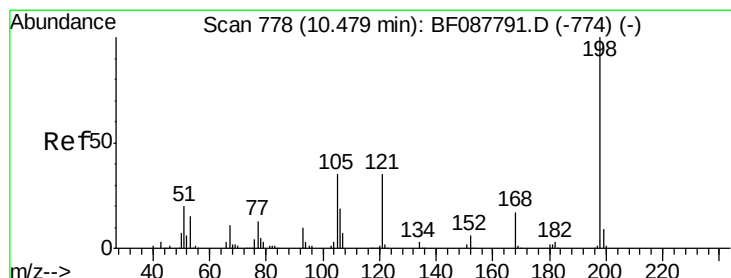
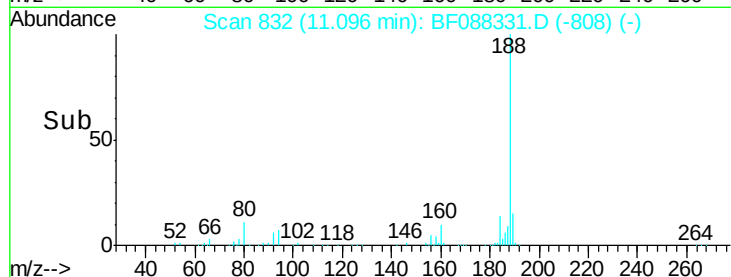
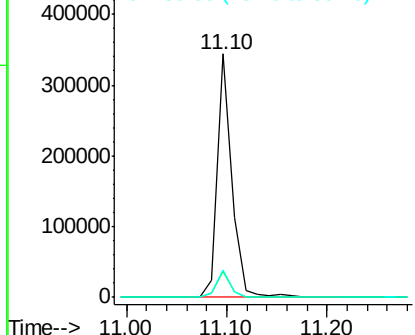
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 346012
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.6
80 11.1 10.0 15.0

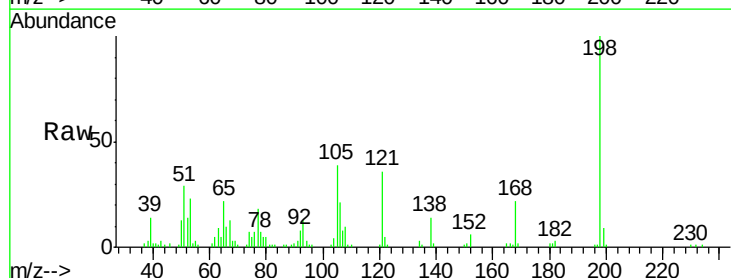


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

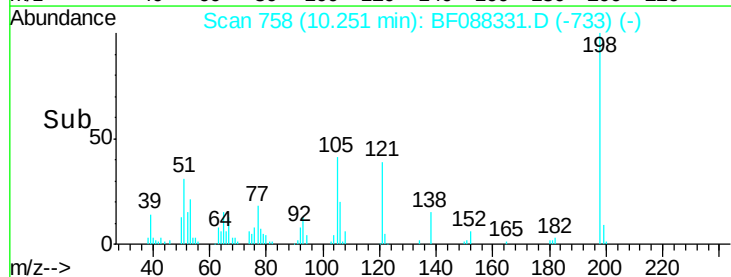
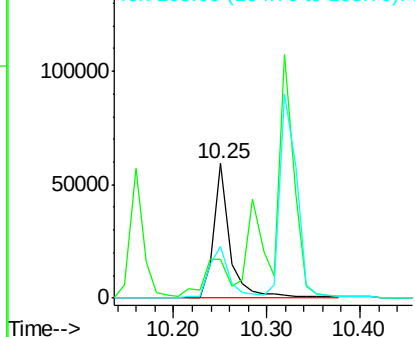


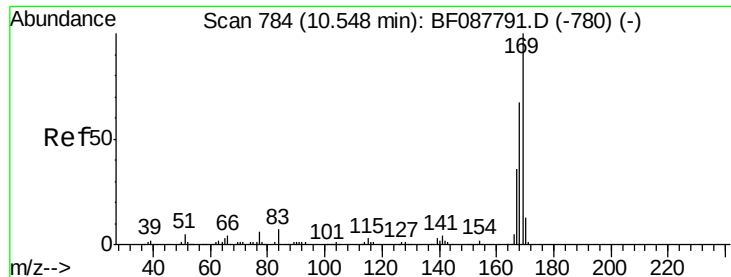
#64
4,6-Dinitro-2-methylphenol
Concen: 34.55 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:198 Resp: 73268
Ion Ratio Lower Upper
198 100
51 29.0 39.6 79.6#
105 38.6 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.45 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

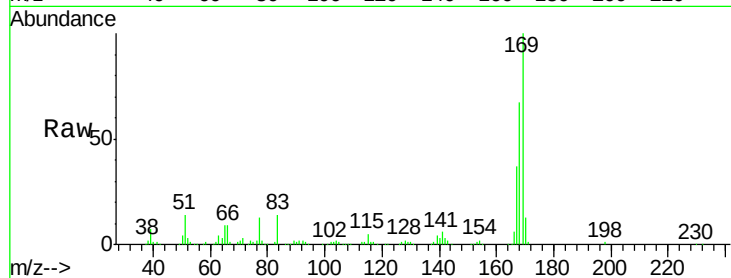
Tot Ion:169 Resp: 452885

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

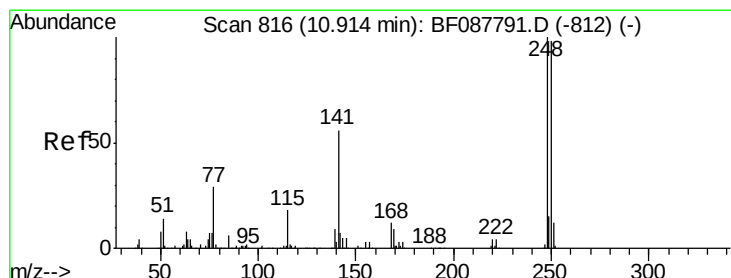
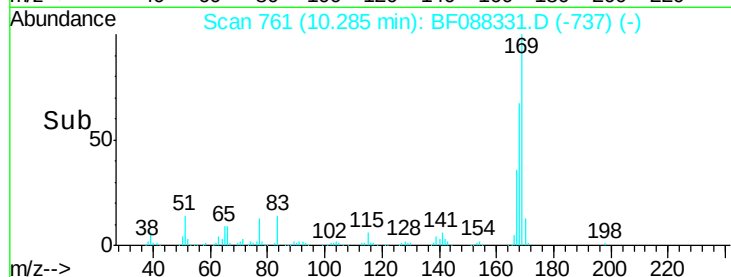
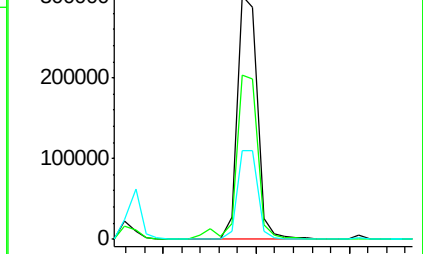
167 36.5 29.4 44.0



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: 38.08 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

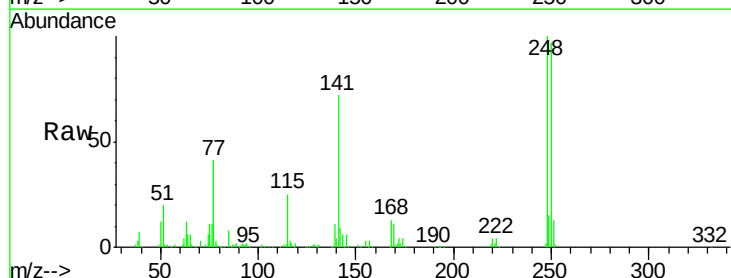
Tgt Ion:248 Resp: 141339

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

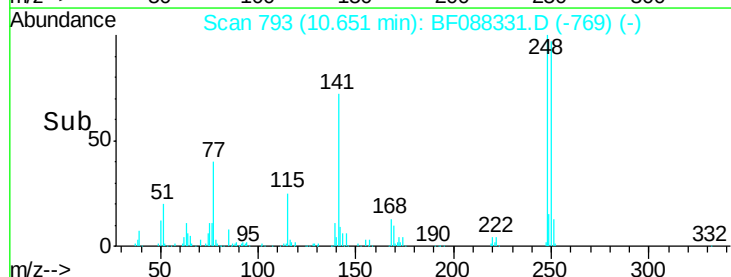
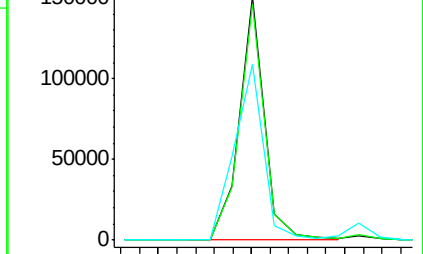
141 72.0 50.6 76.0

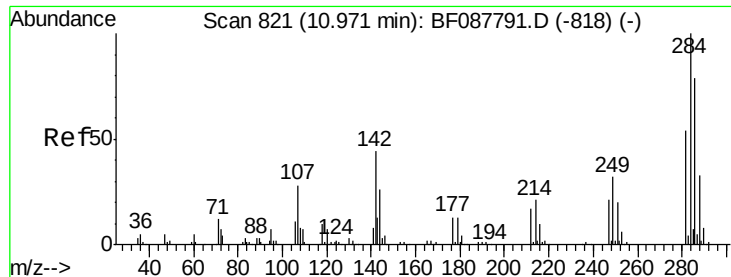


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

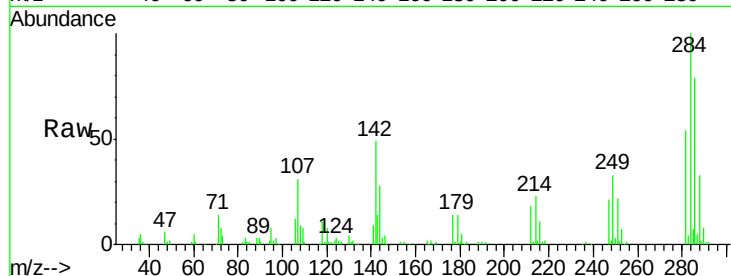




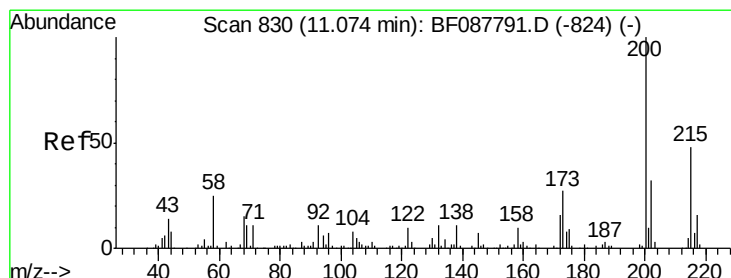
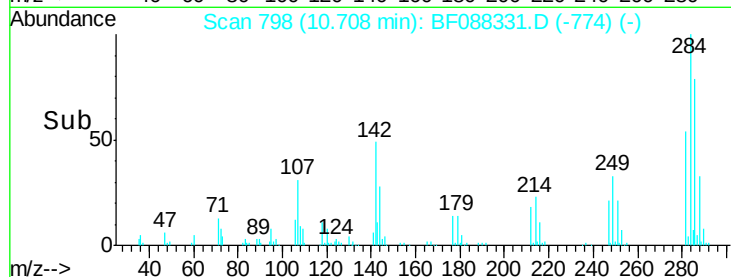
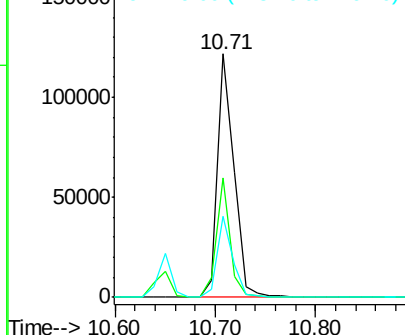
#67
Hexachlorobenzene
Concen: 36.08 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	49.2	35.8	53.8
249	33.5	25.8	38.6

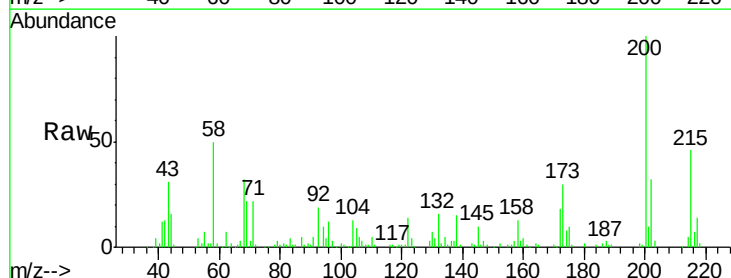


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

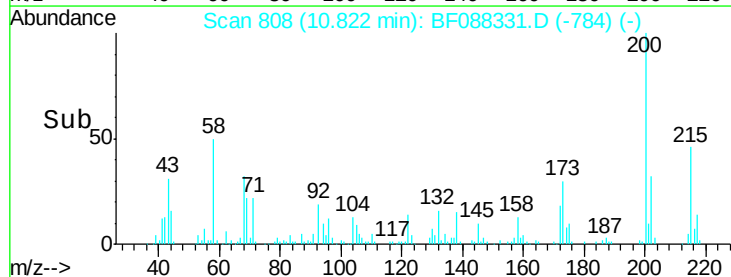
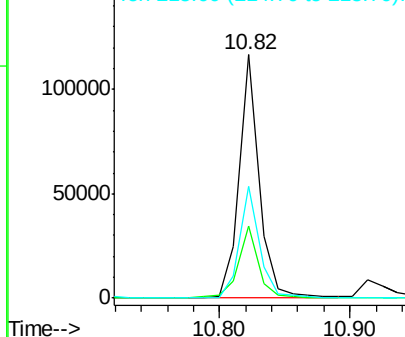


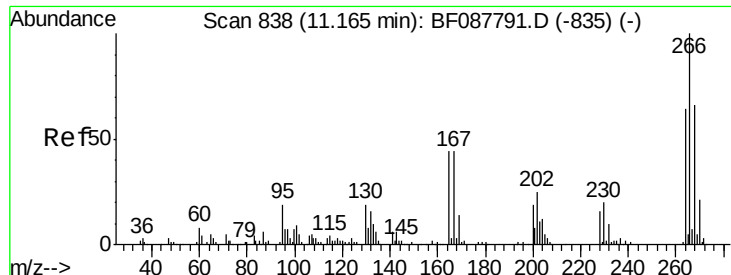
#68
Atrazine
Concen: 35.80 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	4.0	44.0
215	46.1	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

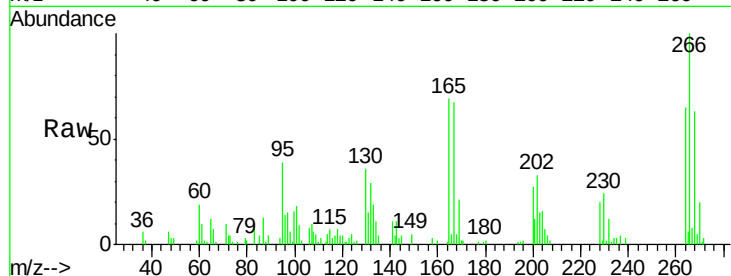




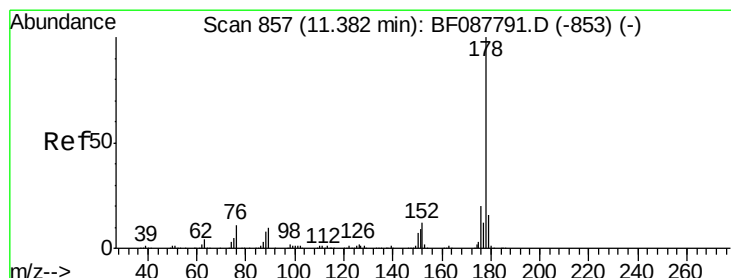
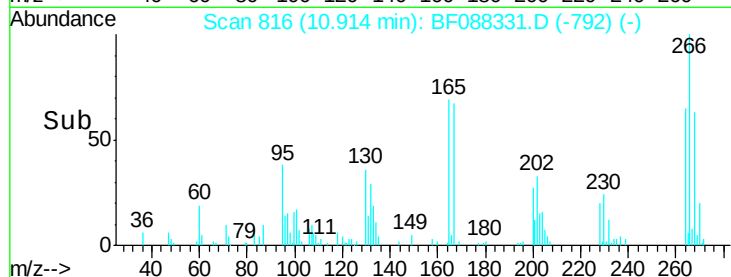
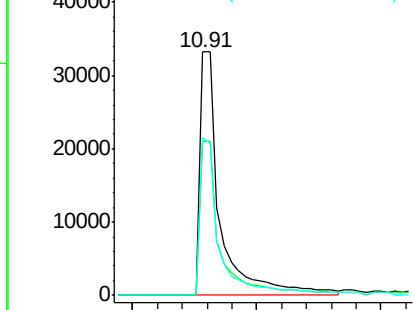
#69
 Pentachlorophenol
 Concen: 37.47 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 76179
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.8 79.2
 264 64.8 49.6 74.4

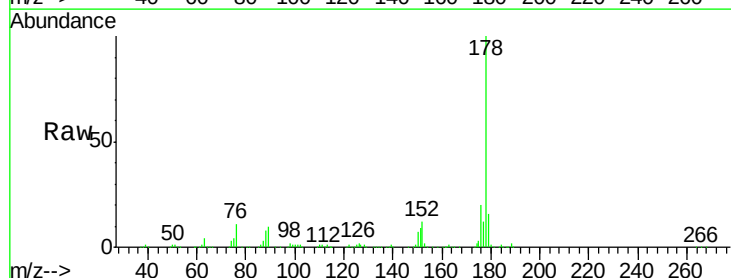


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

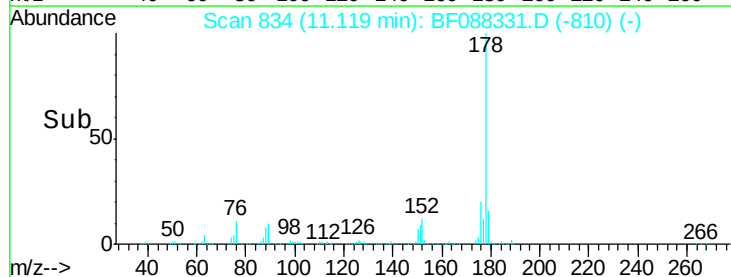
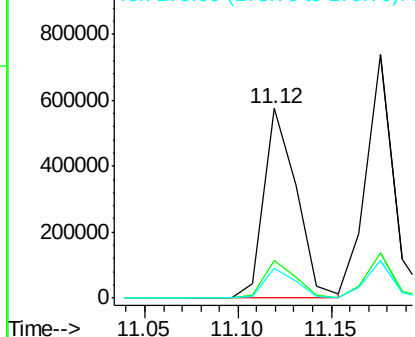


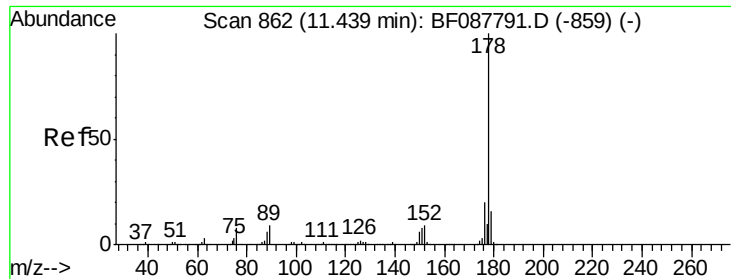
#70
 Phenanthrene
 Concen: 38.16 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:178 Resp: 692875
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 15.8 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

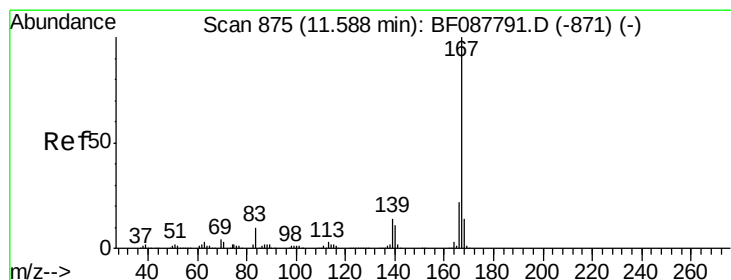
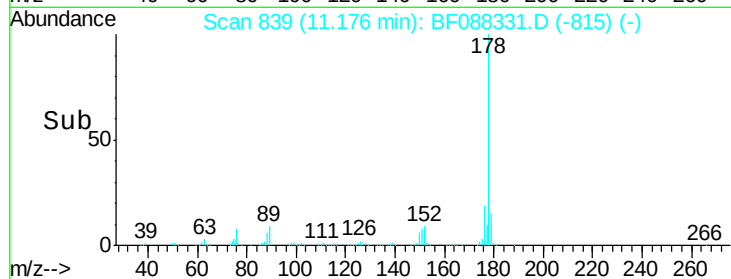
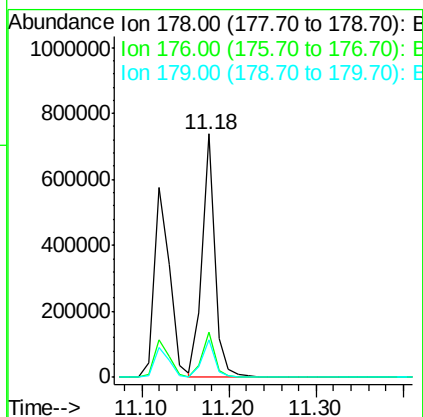
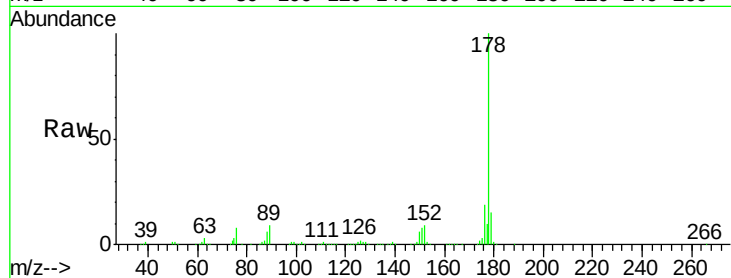




#71
 Anthracene
 Concen: 41.02 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

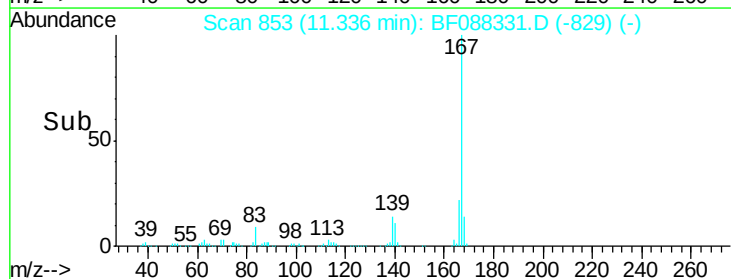
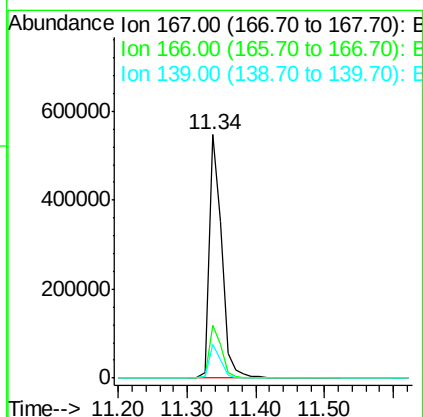
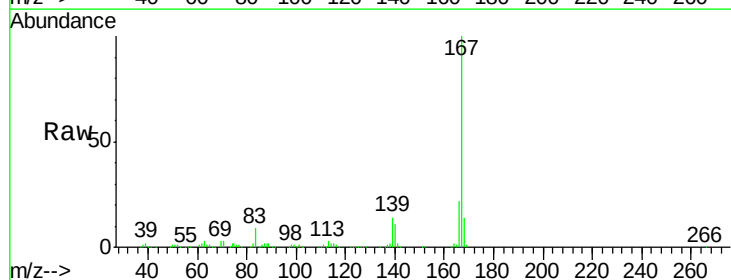
Instrument :
 BNA_F
 ClientSampled :

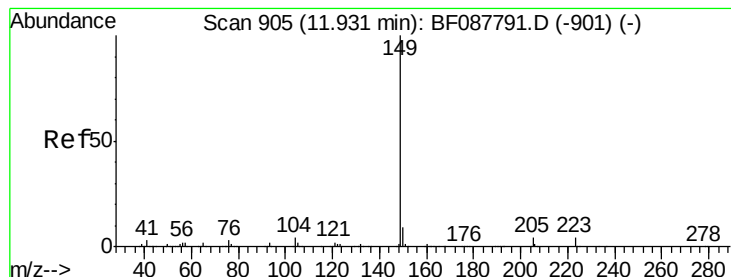
Tot Ion:178 Resp: 751207
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 40.53 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:167 Resp: 694563
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 14.1 11.2 16.8





#73

Di-n-butylphthalate

Concen: 36.92 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampled :

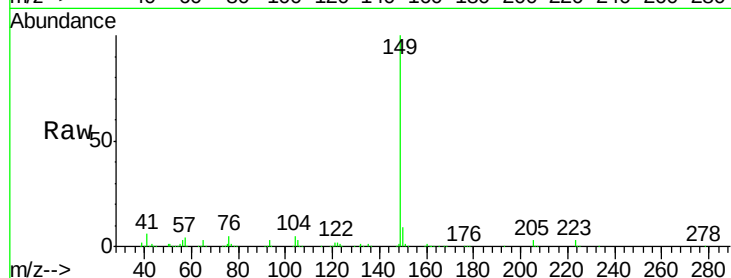
Tot Ion:149 Resp: 801003

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

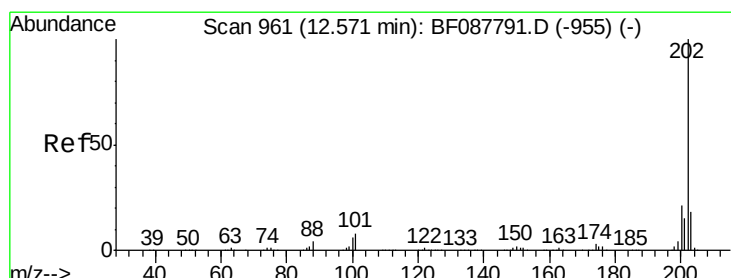
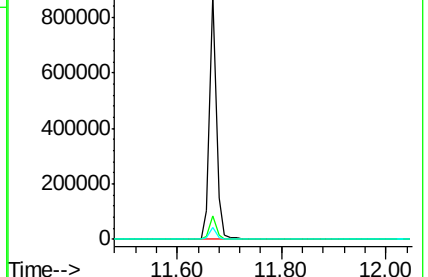
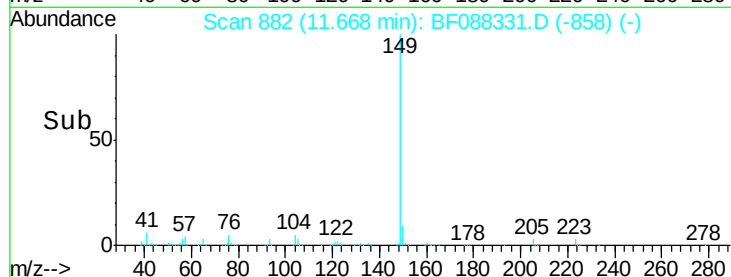
104 4.9 4.0 6.0



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: 39.48 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

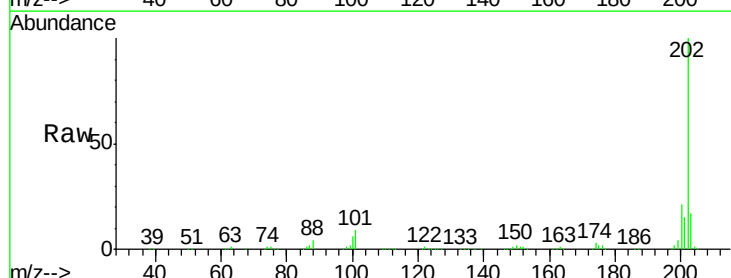
Tgt Ion:202 Resp: 756563

Ion Ratio Lower Upper

202 100

101 8.6 0.0 33.1

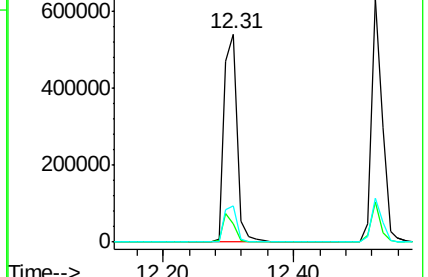
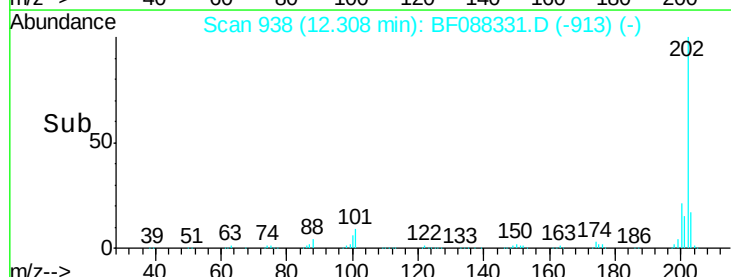
203 17.2 0.0 38.1

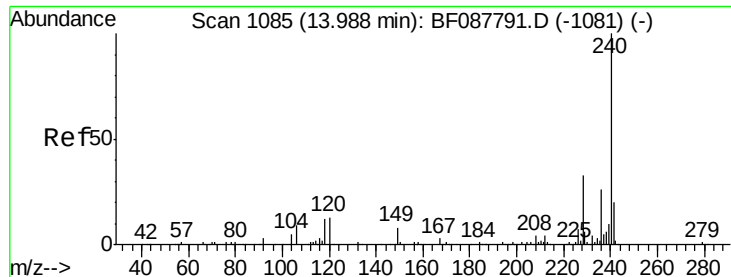


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :

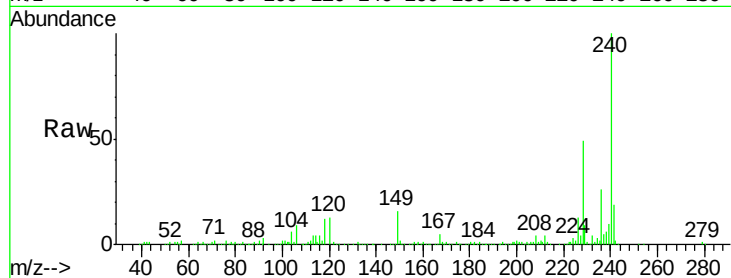
Tot Ion:240 Resp: 256746

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

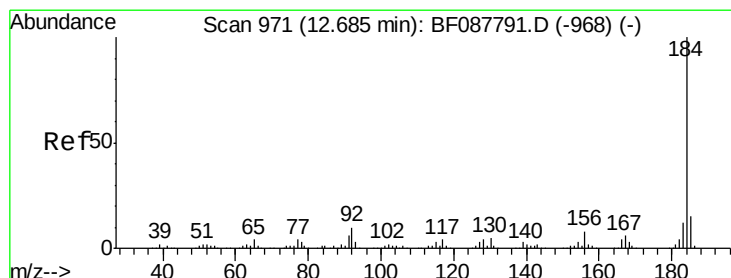
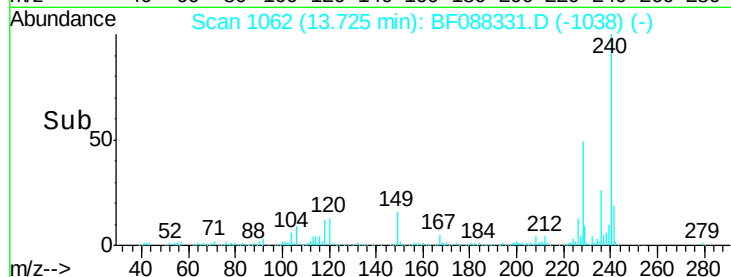
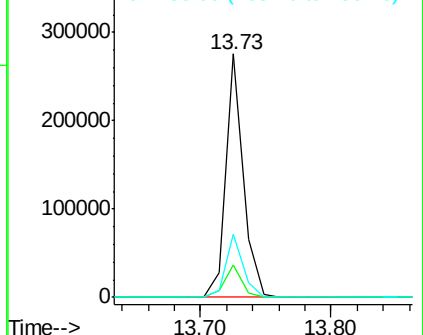
236 25.9 20.2 30.2



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



#76

Benzidine

Concen: 33.39 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

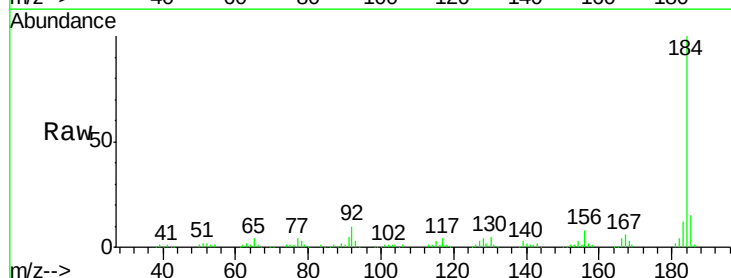
Tgt Ion:184 Resp: 237351

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

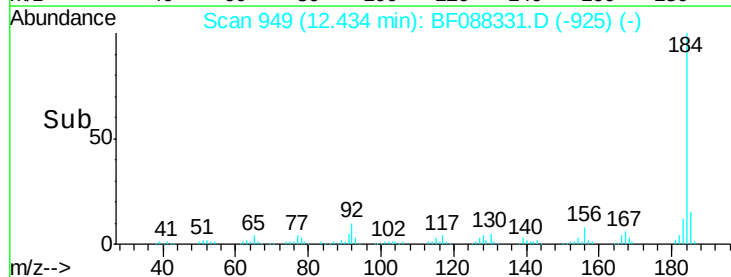
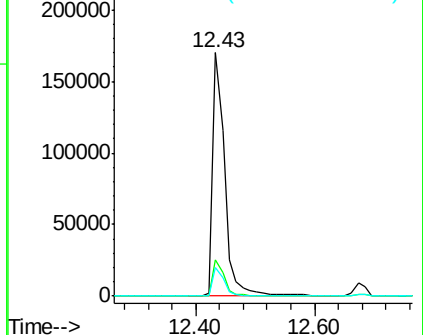
183 11.6 9.3 13.9

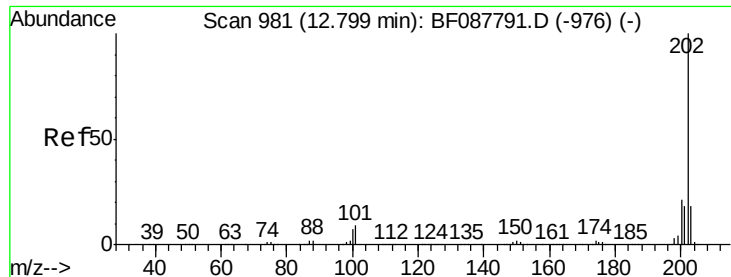


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

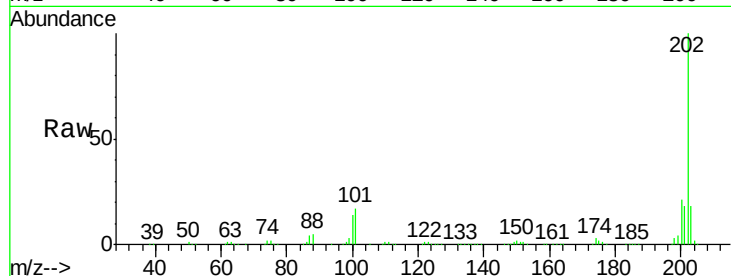




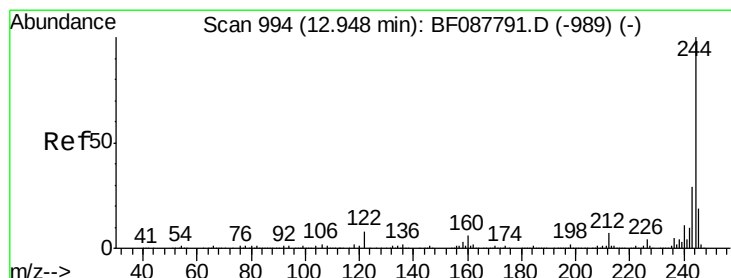
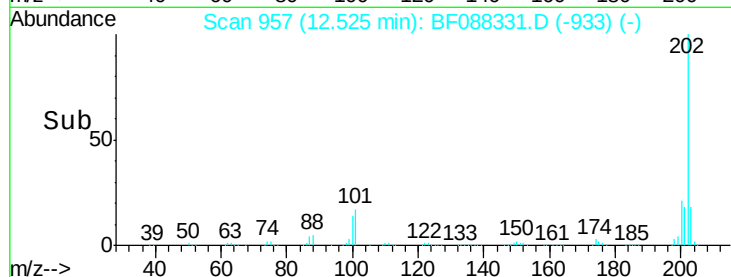
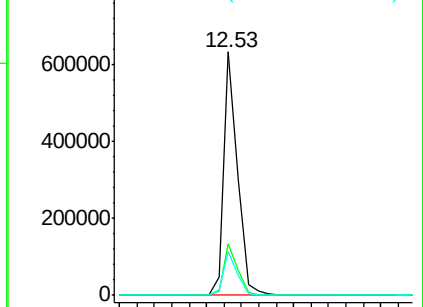
#77
 Pvrene
 Concen: 37.13 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 707427
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 18.1 14.5 21.7

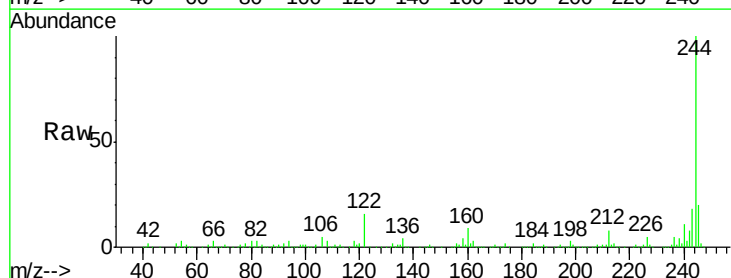


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

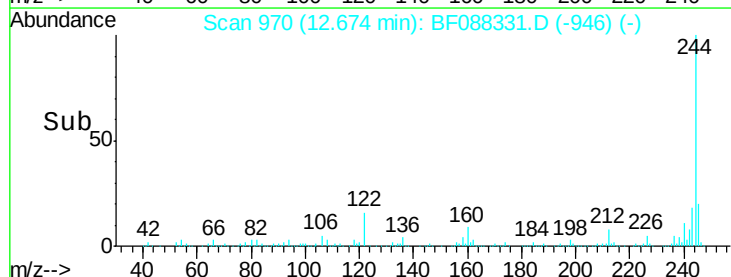
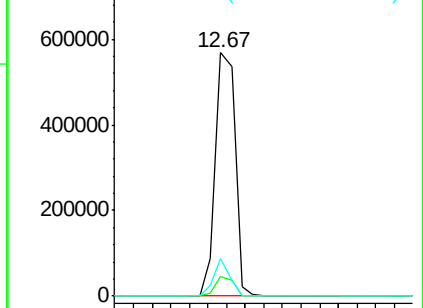


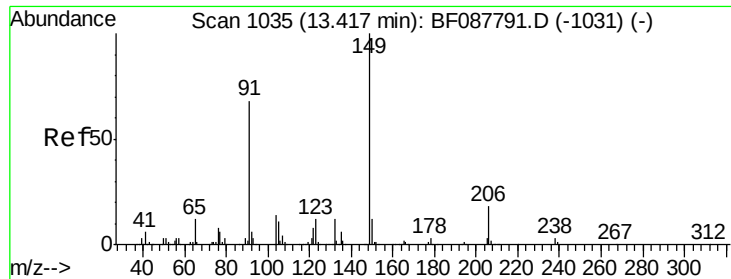
#78
 Terphenyl-d14
 Concen: 74.52 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:244 Resp: 840806
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 15.6 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

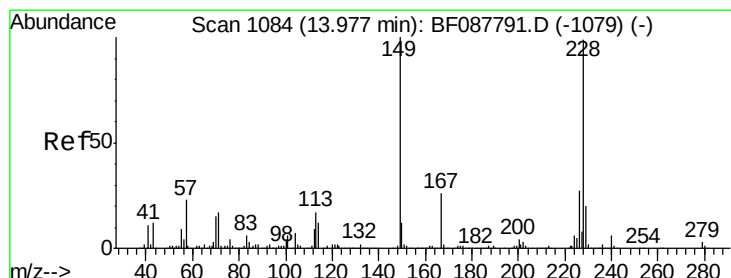
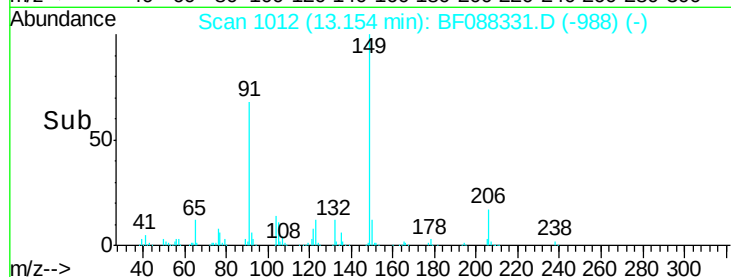
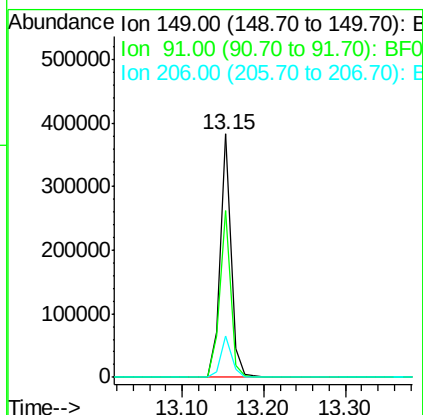
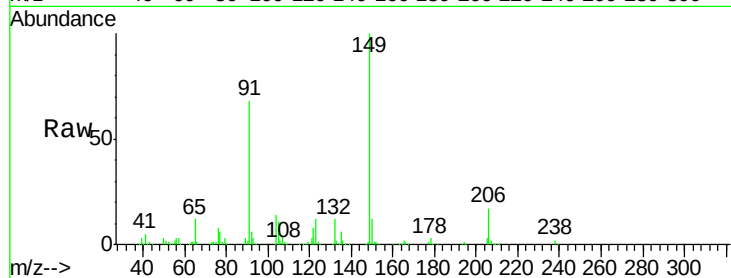




#79
Butylbenzylphthalate
Concen: 41.64 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

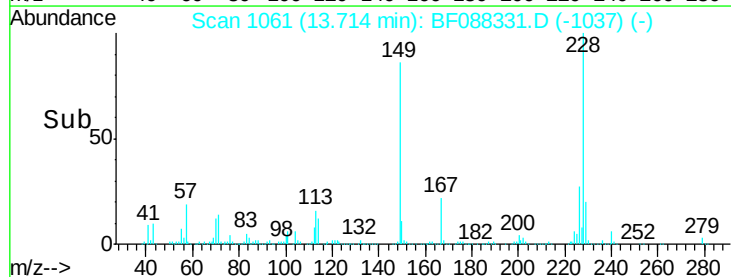
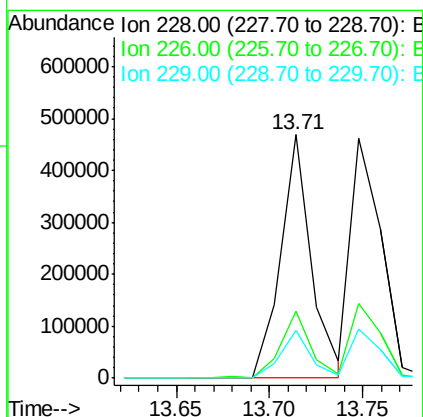
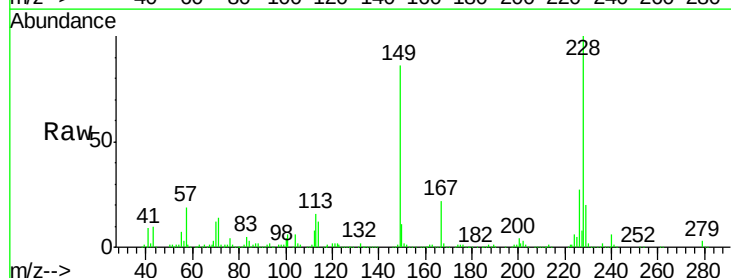
Instrument :
BNA_F
ClientSampled :

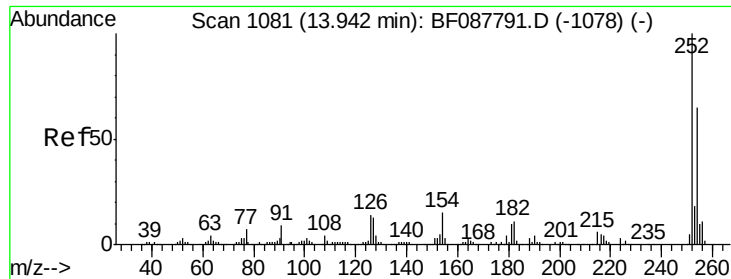
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	48.0	72.0
206	16.9	16.0	24.0



#80
Benzo(a)anthracene
Concen: 36.53 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.8	16.0	24.0

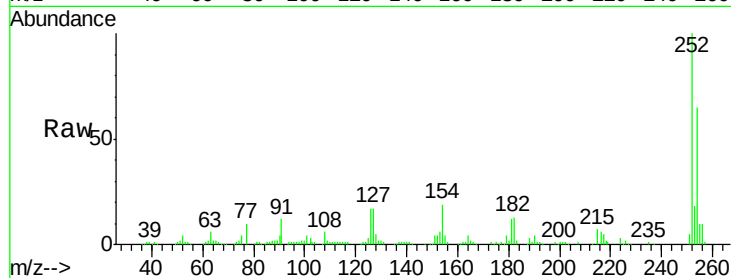




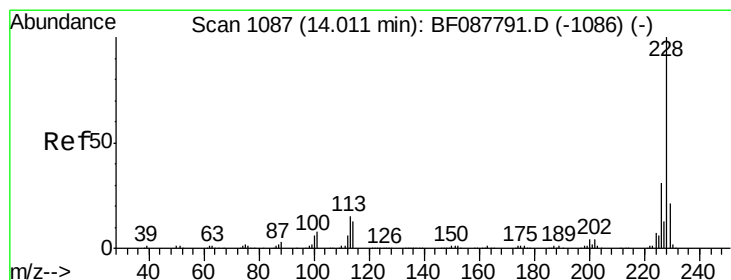
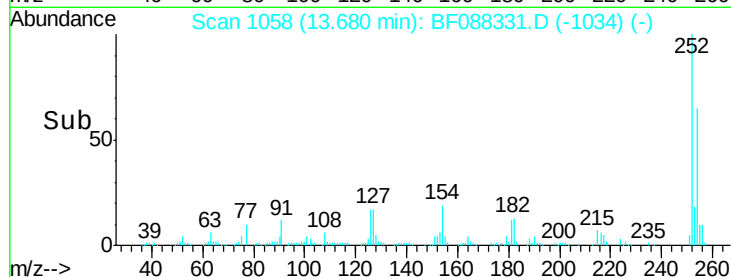
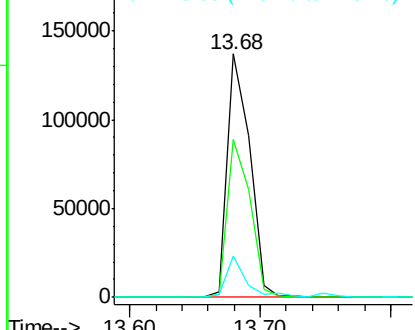
#81
 3,3'-Dichlorobenzidine
 Concen: 41.89 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 164828
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.6 78.8
 126 17.1 6.2 9.2#

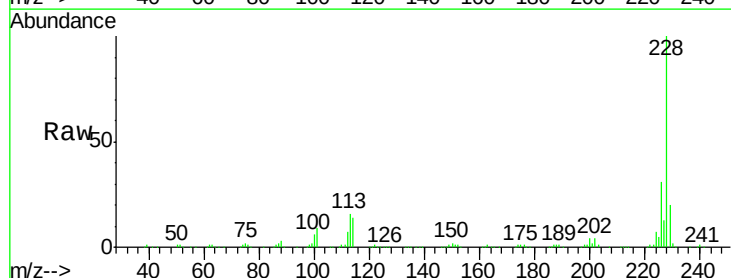


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

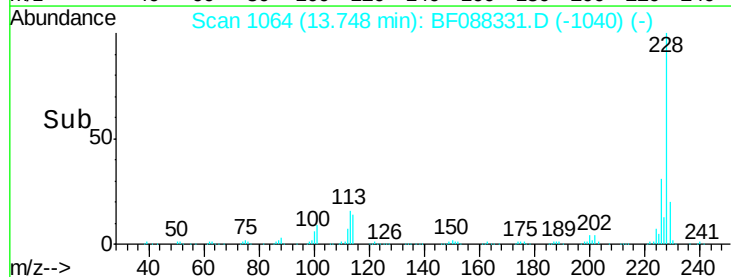
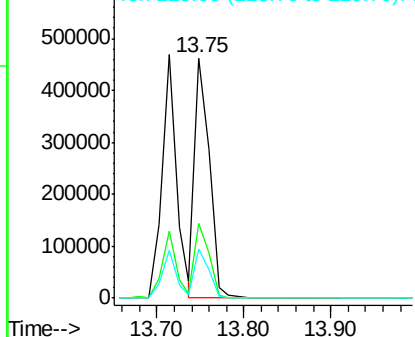


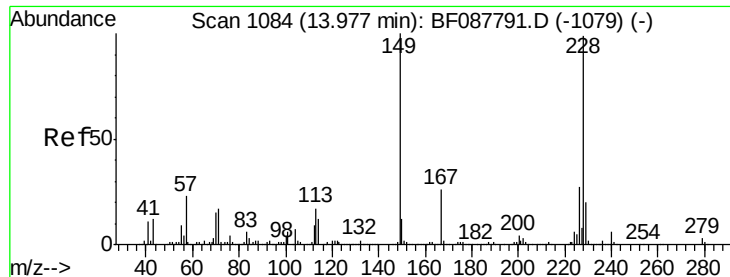
#82
 Chrysene
 Concen: 39.08 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:228 Resp: 537990
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.2
 229 20.2 16.3 24.5



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

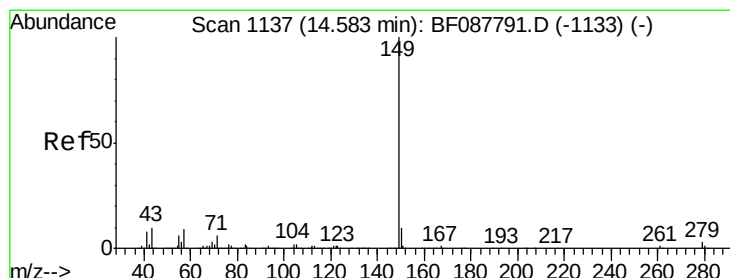
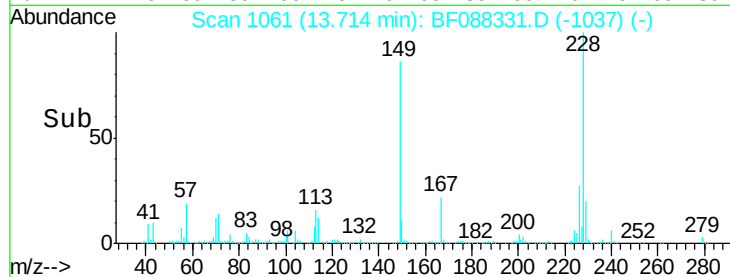
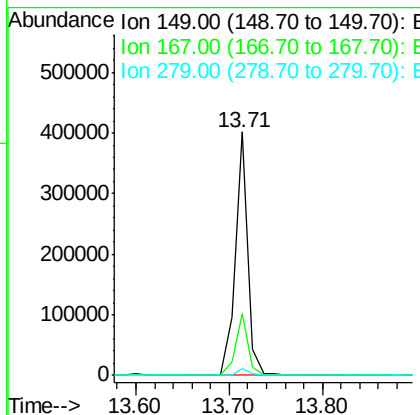
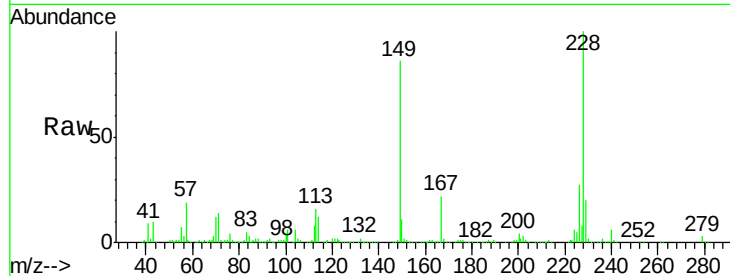




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.03 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

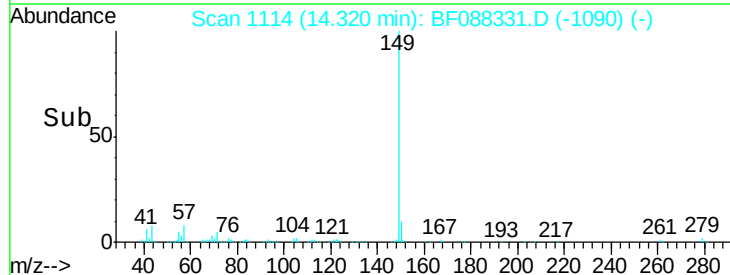
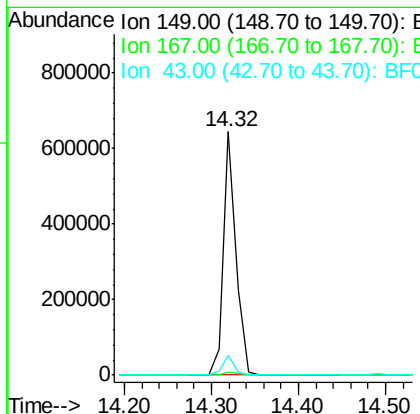
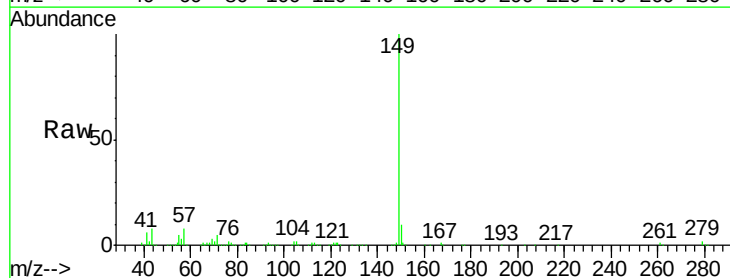
Instrument :
 BNA_F
 ClientSampleId :

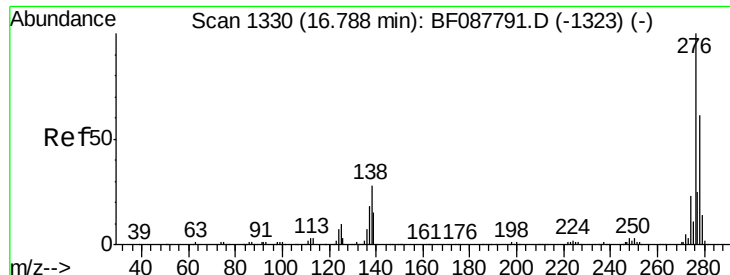
Tot Ion:149 Resp: 379701
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.5 30.7
 279 3.0 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 39.23 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:149 Resp: 653648
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 7.5 0.0 0.0#

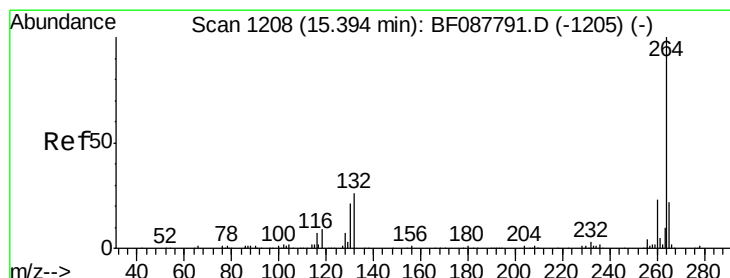
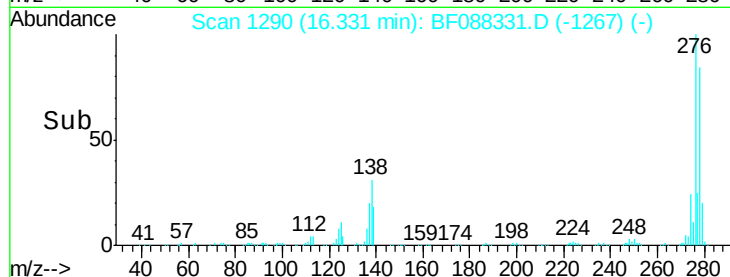
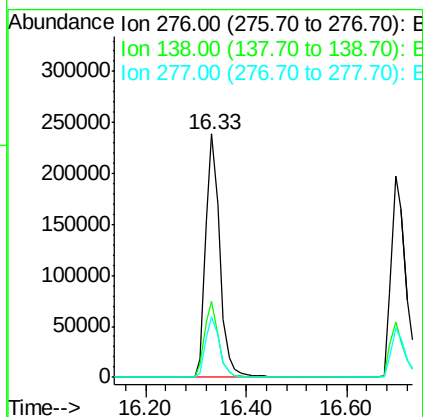
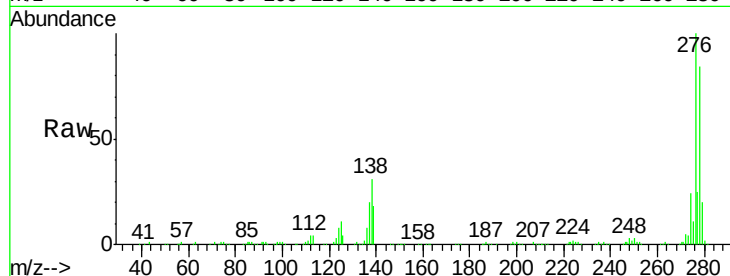




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.56 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. -0.03 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

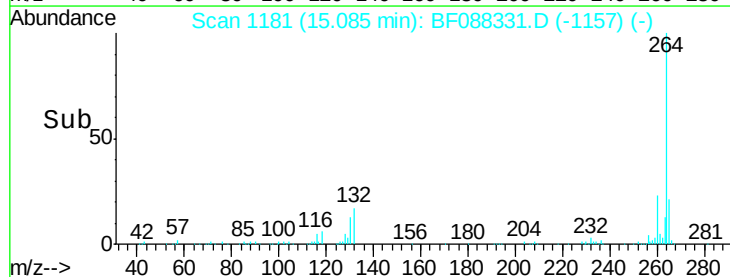
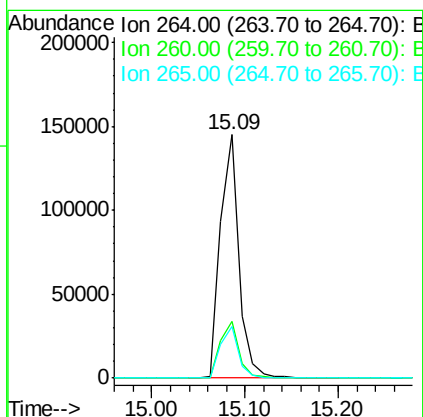
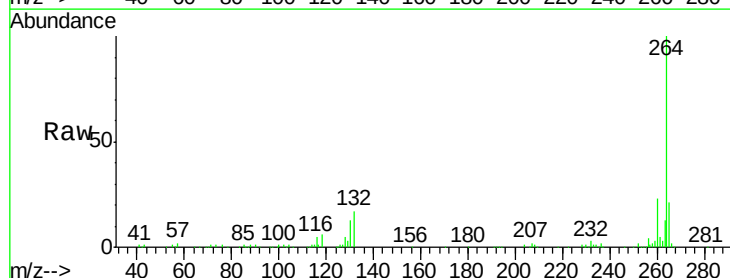
Instrument :
 BNA_F
 ClientSampleId :

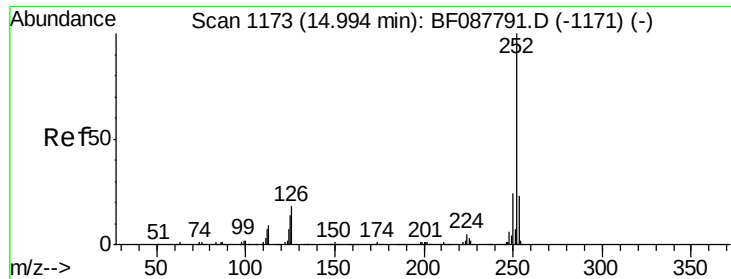
Tot Ion:276 Resp: 467534
 Ion Ratio Lower Upper
 276 100
 138 30.6 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF088331.D
 Acq: 24 Jun 2016 15:01

Tgt Ion:264 Resp: 199527
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.4 16.9 25.3

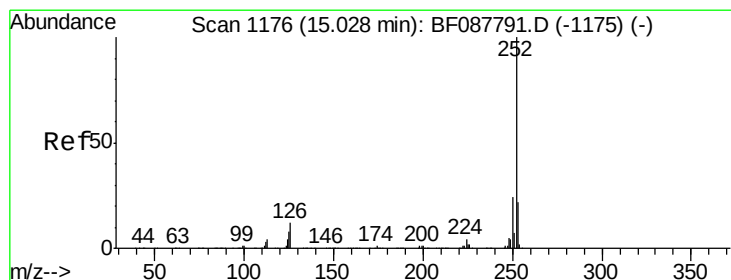
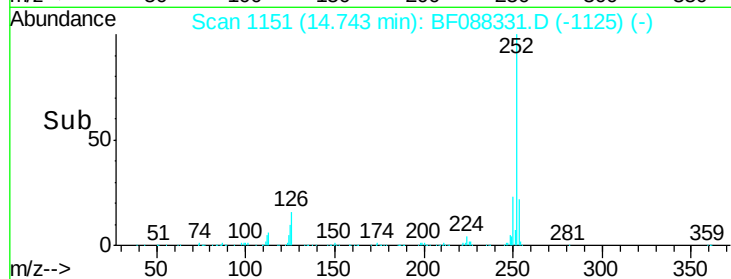
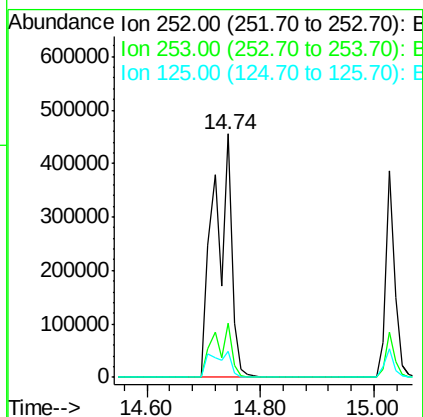
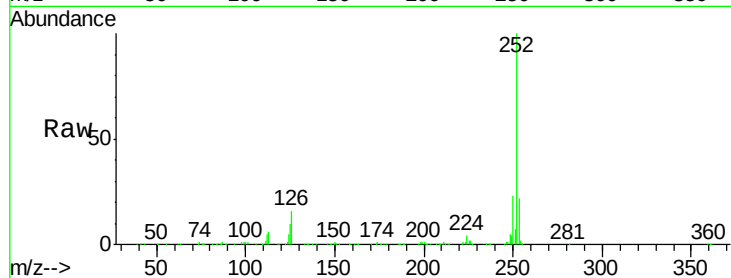




#87
Benzo(b)fluoranthene
Concen: 68.54 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

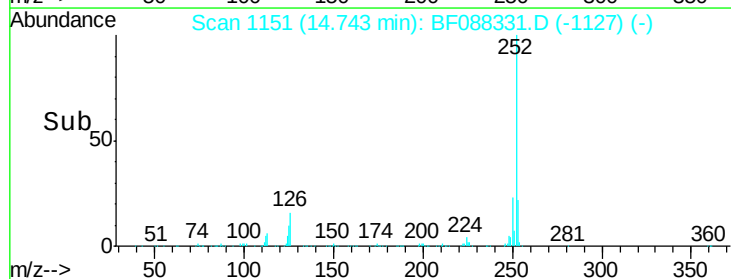
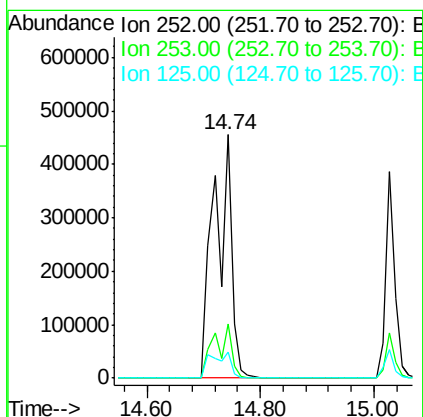
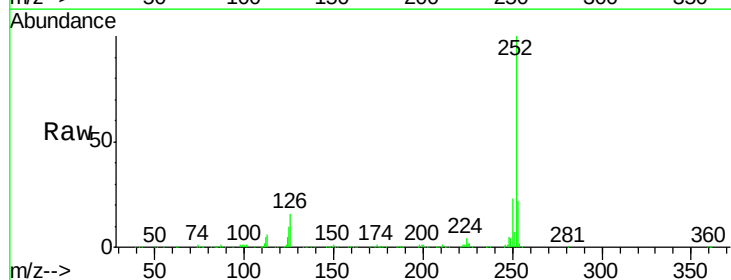
Instrument :
BNA_F
ClientSampleId :

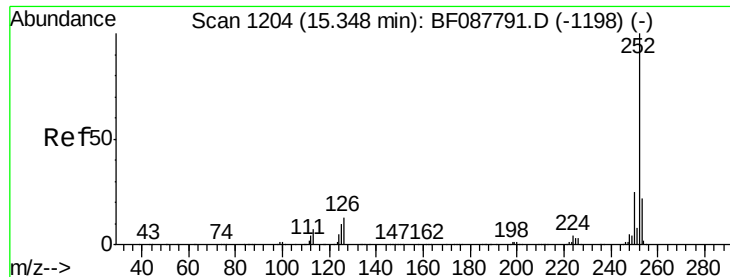
Tot Ion:252 Resp: 953140
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.5 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 90.86 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:252 Resp: 953140
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.5 11.2 16.8#

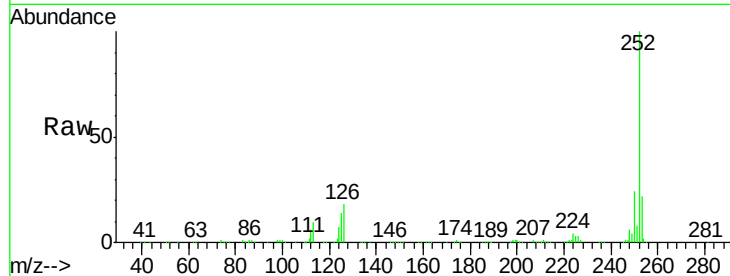




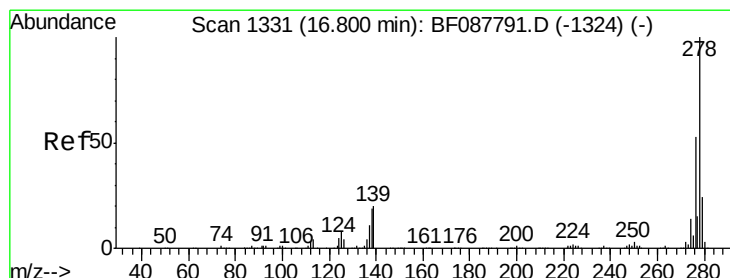
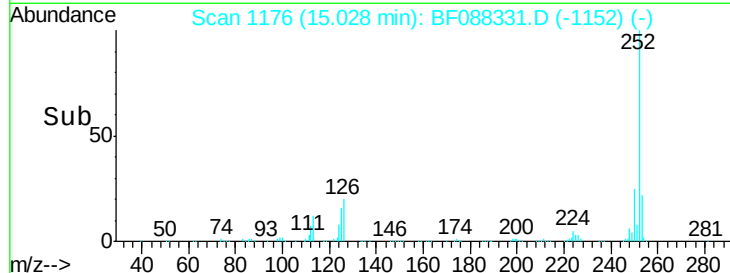
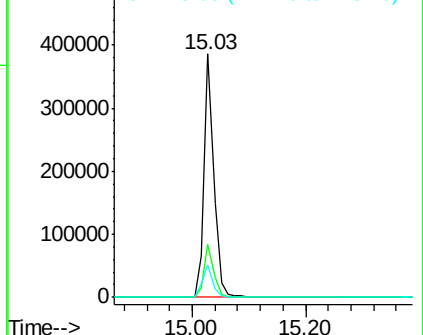
#89
Benzo(a)pyrene
Concen: 39.09 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 439814
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.5 12.5 18.7

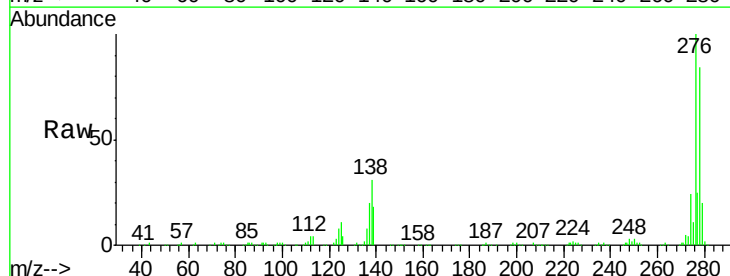


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

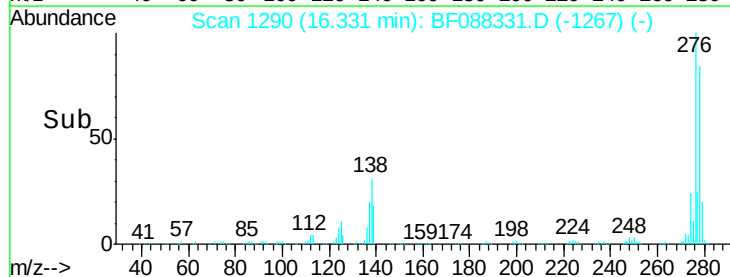
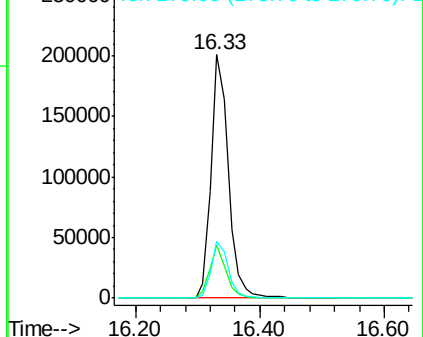


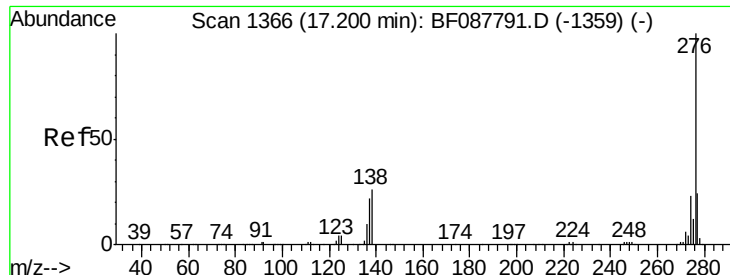
#90
Dibenzo(a,h)anthracene
Concen: 36.93 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088331.D
Acq: 24 Jun 2016 15:01

Tgt Ion:278 Resp: 385889
Ion Ratio Lower Upper
278 100
139 21.6 15.7 23.5
279 23.4 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: 38.96 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.05 min

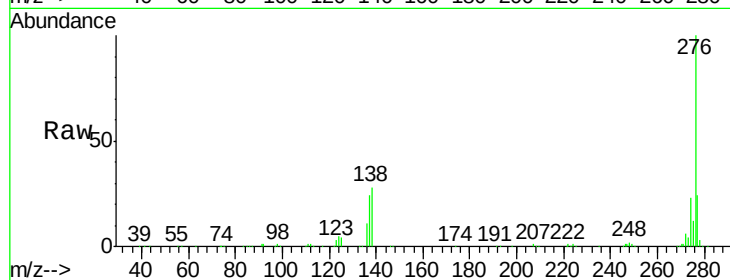
Lab File: BF088331.D

Acq: 24 Jun 2016 15:01

Instrument :

BNA_F

ClientSampleId :



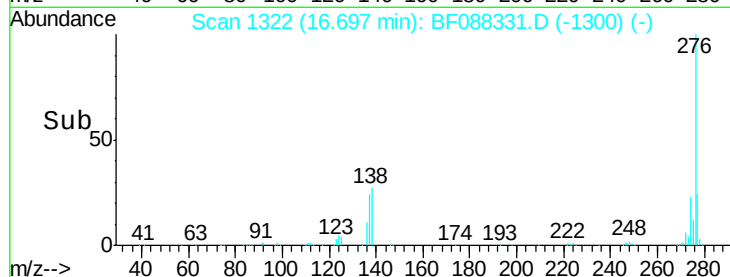
Tot Ion: 276 Resp: 418831

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 27.5 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

