

Data Path : Z:\HPCHEM1\BNA F\Data\BF060816\
 Data File : BF087843.D
 Acq On : 9 Jun 2016 9:39
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 14:35:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103261	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	404395	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	169633	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	251294	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	203963	20.00	ng	0.00
86) Perylene-d12	15.42	264	174366	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	501685	83.06	ng	-0.01
7) Phenol-d6	6.46	99	582371	79.56	ng	-0.02
23) Nitrobenzene-d5	7.39	82	499277	72.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	124895	69.73	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	974464	90.61	ng	-0.01
78) Terphenyl-d14	12.94	244	661416	73.79	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	115421	39.33	ng	# 35
3) Pyridine	3.10	79	288251	41.60	ng	97
4) n-Nitrosodimethylamine	3.04	42	117161	39.92	ng	92
6) Aniline	6.49	93	377720	36.25	ng	98
8) 2-Chlorophenol	6.60	128	266927	37.33	ng	96
9) Benzaldehyde	6.38	77	179596	39.86	ng	93
10) Phenol	6.48	94	324317	42.79	ng	73
11) bis(2-Chloroethyl)ether	6.57	93	251001	39.10	ng	# 81
12) 1,3-Dichlorobenzene	6.76	146	287265	37.45	ng	100
13) 1,4-Dichlorobenzene	6.84	146	305423	39.53	ng	100
14) 1,2-Dichlorobenzene	7.00	146	265203	37.74	ng	99
15) Benzyl Alcohol	6.97	79	215732	37.67	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	326726	37.68	ng	97
17) 2-Methylphenol	7.08	107	214100	36.93	ng	98
18) Hexachloroethane	7.34	117	80649	29.41	ng	# 80
19) n-Nitroso-di-n-propylamine	7.24	70	158942	33.94	ng	95
20) 3+4-Methylphenols	7.24	107	268598	39.70	ng	# 76
22) Acetophenone	7.24	105	357292	39.54	ng	# 95
24) Nitrobenzene	7.42	77	290072	43.24	ng	99
25) Isophorone	7.66	82	497908	38.82	ng	95
26) 2-Nitrophenol	7.72	139	112956	31.43	ng	97
27) 2,4-Dimethylphenol	7.77	122	251862	38.07	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	286073	35.96	ng	# 96
29) 2,4-Dichlorophenol	7.98	162	208830	37.80	ng	89
30) 1,2,4-Trichlorobenzene	8.06	180	231603	38.50	ng	99
31) Naphthalene	8.14	128	775088	38.73	ng	99
32) Benzoic acid	7.93	122	33140	9.10	ng	87
33) 4-Chloroaniline	8.18	127	284154	31.80	ng	99
34) Hexachlorobutadiene	8.25	225	117176	36.94	ng	97
35) Caprolactam	8.56	113	62933	34.39	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	223428	37.82	ng	90
37) 2-Methylnaphthalene	8.82	142	475803	36.07	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	201756	46.07	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	13455	4.92	ng	99

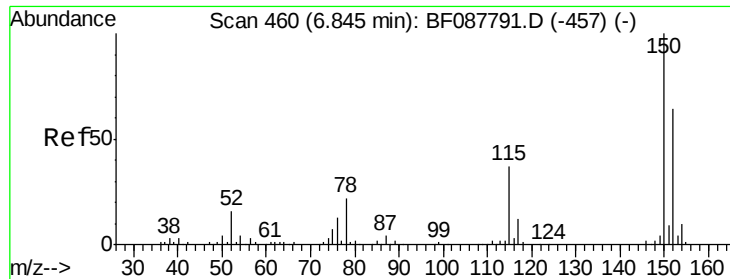
Data Path : Z:\HPCHEM1\BNA F\Data\BF060816\
 Data File : BF087843.D
 Acq On : 9 Jun 2016 9:39
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	128404	37.85	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	134357	38.07	nq	97
45) 1,1'-Biphenyl	9.29	154	529234	41.02	nq	99
46) 2-Chloronaphthalene	9.31	162	409447	37.30	nq	99
47) 2-Nitroaniline	9.42	65	133378	41.19	nq	# 68
48) Acenaphthylene	9.74	152	674401	38.62	nq	99
49) Dimethylphthalate	9.60	163	501575	40.82	nq	100
50) 2,6-Dinitrotoluene	9.66	165	99082	35.21	nq	# 69
51) Acenaphthene	9.91	154	398182	36.56	nq	99
52) 3-Nitroaniline	9.83	138	139815	43.06	nq	# 79
53) 2,4-Dinitrophenol	9.93	184	5330	7.26	nq	# 77
54) Dibenzofuran	10.08	168	593782	39.58	nq	97
55) 4-Nitrophenol	9.99	139	81453	32.32	nq	# 65
56) 2,4-Dinitrotoluene	10.06	165	118020	32.63	nq	# 71
57) Fluorene	10.42	166	433377	42.48	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	95023	34.26	nq	# 53
59) Diethylphthalate	10.30	149	461661	37.12	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	179974	36.08	nq	96
61) 4-Nitroaniline	10.43	138	101260	32.88	nq	94
62) Azobenzene	10.57	77	435981	35.45	nq	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	12725	9.91	nq	# 62
65) n-Nitrosodiphenylamine	10.54	169	396146	47.51	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	118057	43.79	nq	# 91
67) Hexachlorobenzene	10.97	284	122340	43.67	nq	# 69
68) Atrazine	11.06	200	111707	44.24	nq	95
69) Pentachlorophenol	11.17	266	59723	40.45	nq	97
70) Phenanthrene	11.38	178	572297	43.40	nq	99
71) Anthracene	11.43	178	548344	41.22	nq	99
72) Carbazole	11.59	167	557164	44.76	nq	98
73) Di-n-butylphthalate	11.92	149	650749	41.30	nq	100
74) Fluoranthene	12.56	202	529970	38.08	nq	97
76) Benzidine	12.69	184	65976	11.68	nq	99
77) Pyrene	12.79	202	552654	36.51	nq	99
79) Butylbenzylphthalate	13.42	149	266183	39.78	nq	# 83
80) Benzo(a)anthracene	13.98	228	487670	41.96	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	147748	47.27	nq	# 93
82) Chrysene	14.01	228	479825	43.88	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	373091	45.80	nq	# 95
84) Di-n-octyl phthalate	14.59	149	675939	51.07	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.80	276	381703	37.57	nq	# 100
87) Benzo(b)fluoranthene	15.01	252	828987	68.21	nq	# 97
88) Benzo(k)fluoranthene	15.01	252	828987	90.43	nq	98
89) Benzo(a)pyrene	15.35	252	390007	39.66	nq	100
90) Dibenzo(a,h)anthracene	16.82	278	326335	35.73	nq	96
91) Benzo(g,h,i)perylene	17.21	276	313071	33.33	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

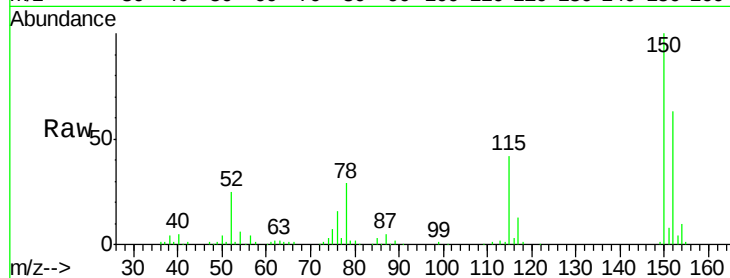
Tot Ion:152 Resp: 103261

Ion Ratio Lower Upper

152 100

150 159.9 123.8 185.6

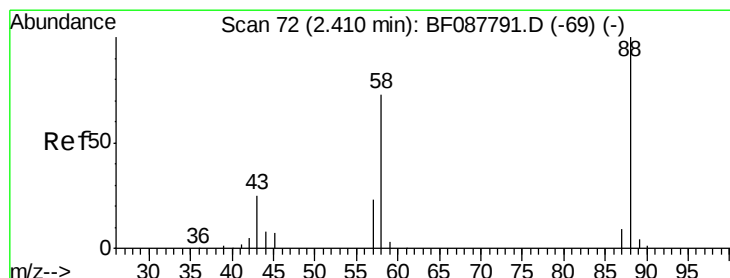
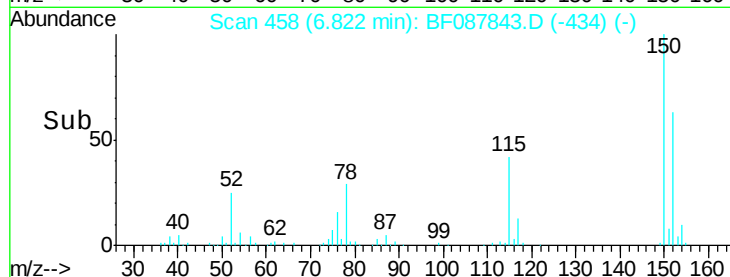
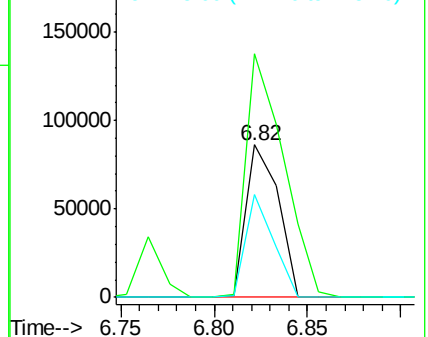
115 67.5 39.6 59.4#



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: 39.33 ng

RT: 2.38 min Scan# 69

Delta R.T. -0.03 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

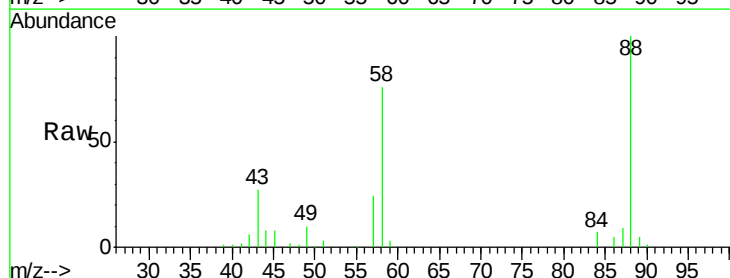
Tgt Ion: 88 Resp: 115421

Ion Ratio Lower Upper

88 100

58 71.9 0.0 0.0#

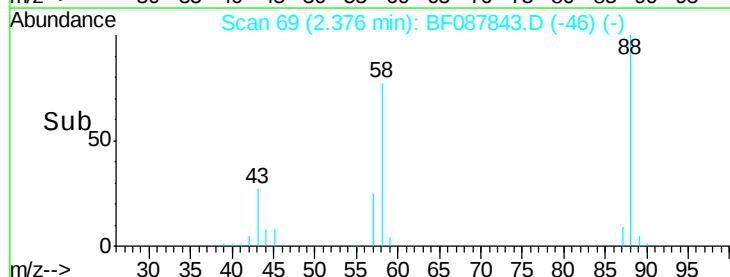
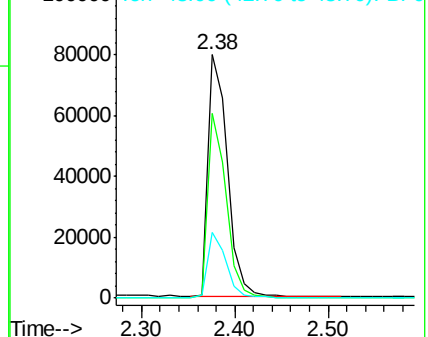
43 25.8 3.4 5.2#

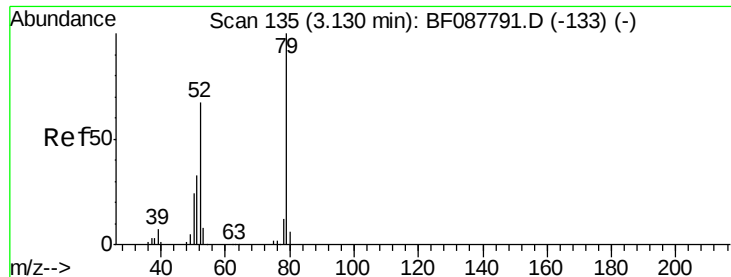


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.60 ng

RT: 3.10 min Scan# 132

Delta R.T. -0.03 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

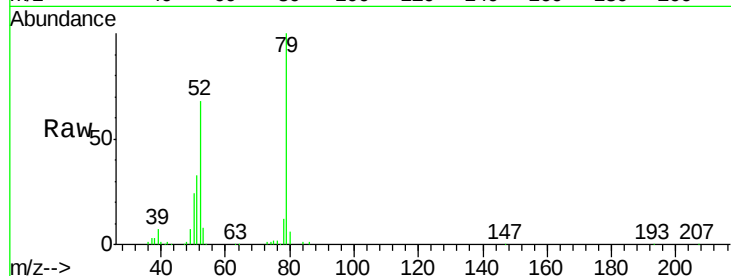
Tot Ion: 79 Resp: 288251

Ion Ratio Lower Upper

79 100

52 67.9 56.3 84.5

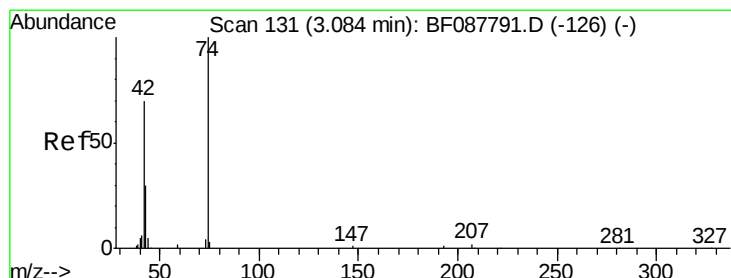
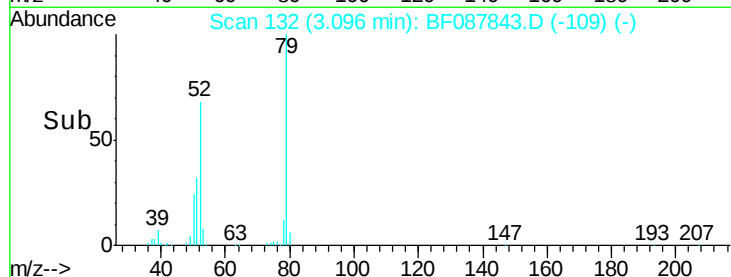
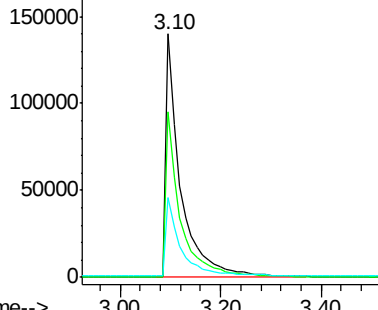
51 33.0 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.92 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.05 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

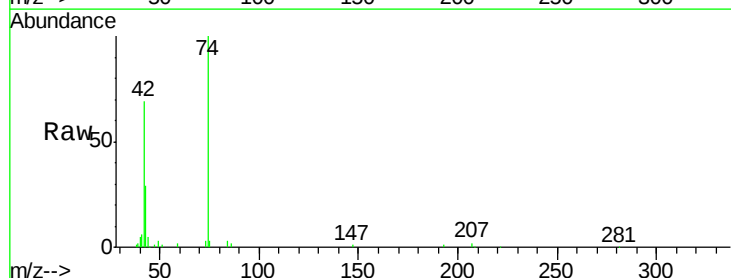
Tgt Ion: 42 Resp: 117161

Ion Ratio Lower Upper

42 100

74 145.7 108.6 163.0

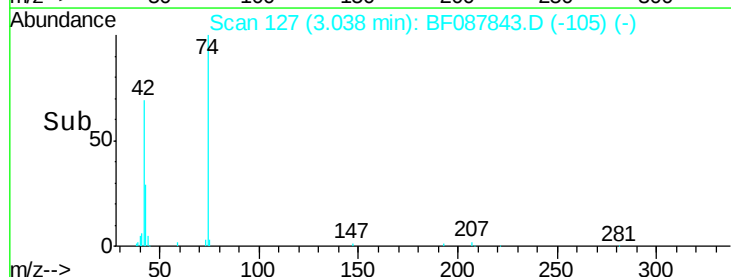
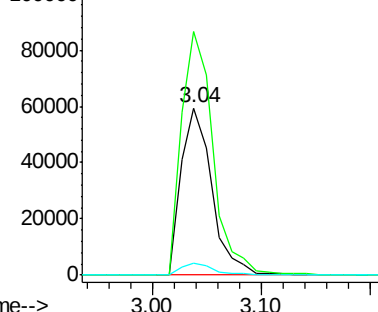
44 7.1 5.5 8.3

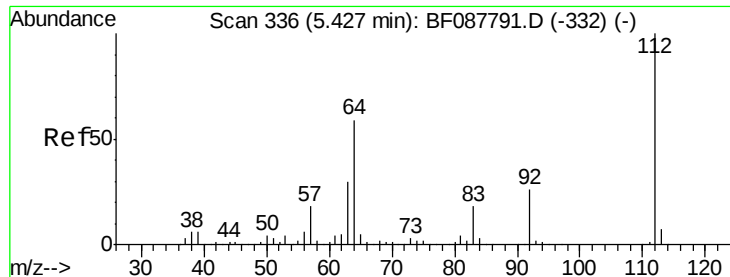


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.06 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

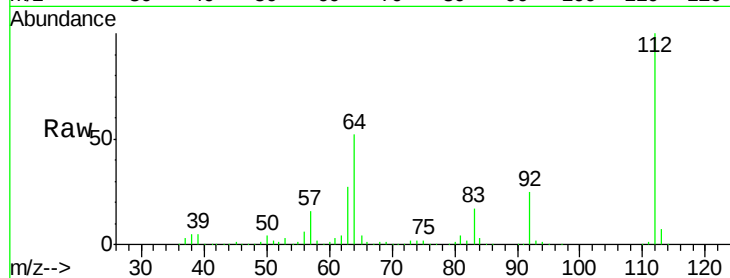
Tot Ion:112 Resp: 501685

Ion Ratio Lower Upper

112 100

64 52.5 42.2 63.2

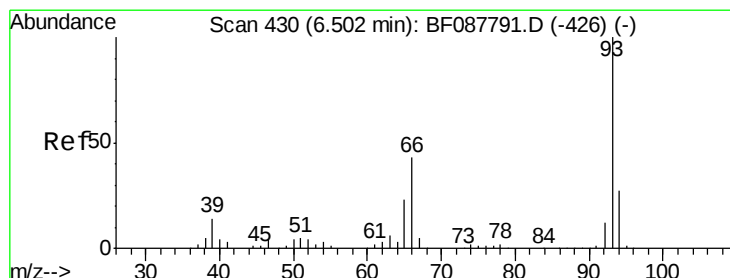
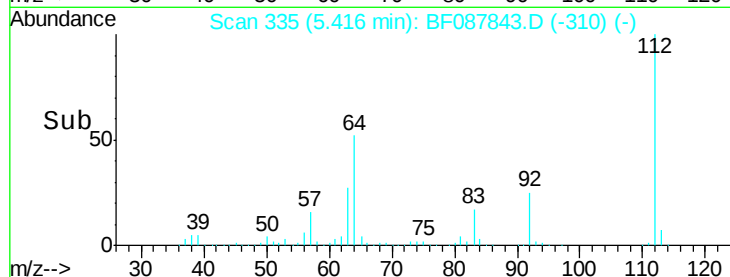
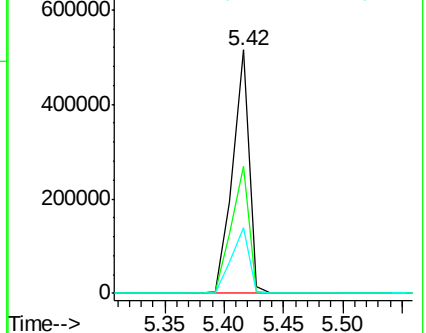
63 26.9 21.8 32.8



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: 36.25 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

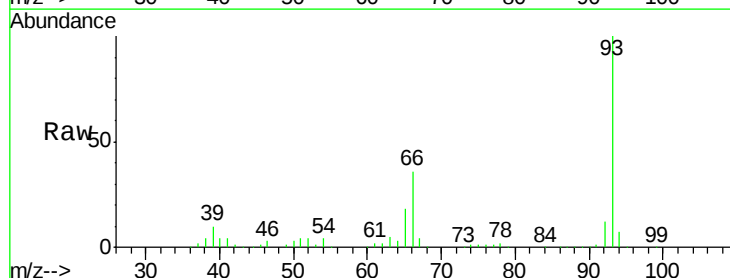
Tgt Ion: 93 Resp: 377720

Ion Ratio Lower Upper

93 100

66 35.8 29.8 44.8

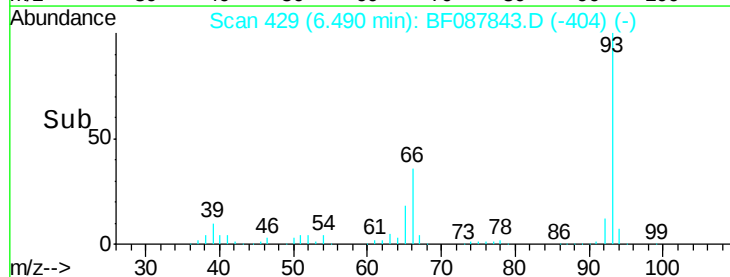
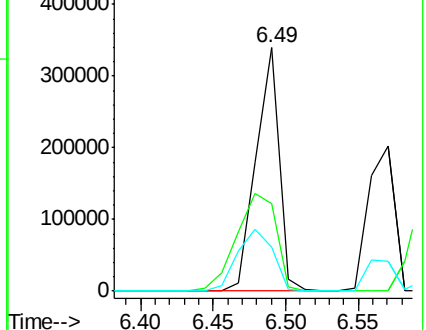
65 18.1 14.9 22.3

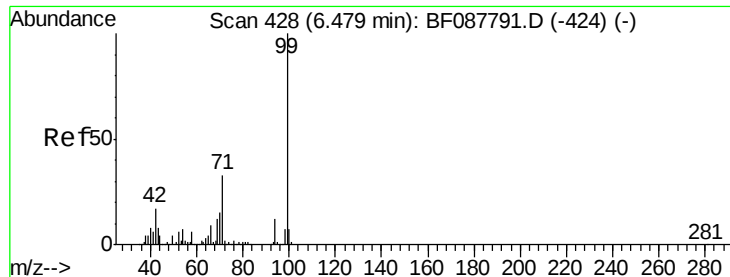


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.56 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

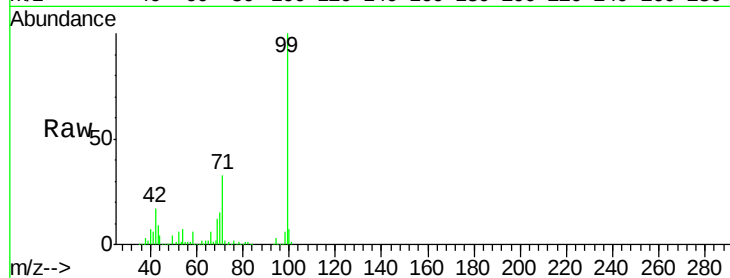
Tot Ion: 99 Resp: 582371

Ion Ratio Lower Upper

99 100

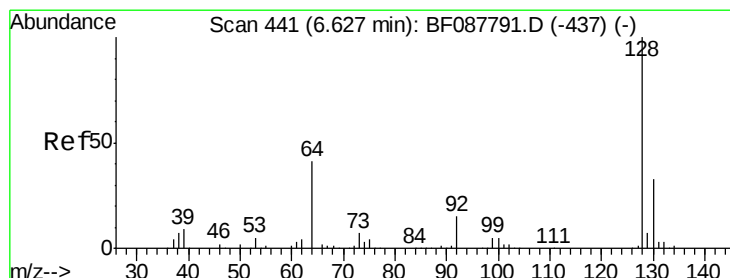
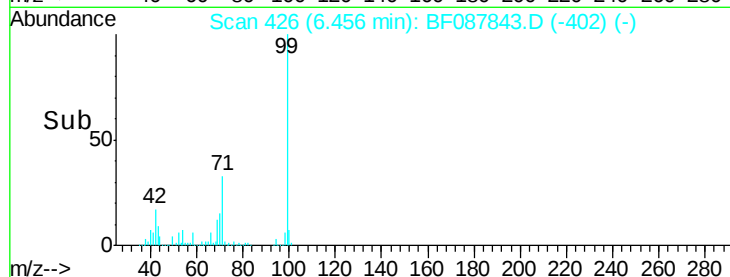
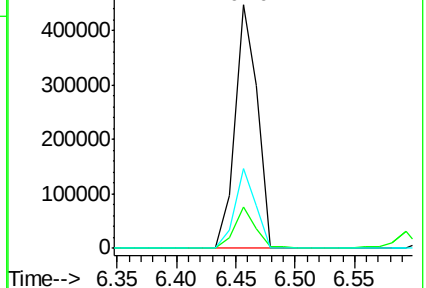
42 17.2 12.2 18.2

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

6.46



#8

2-Chlorophenol

Concen: 37.33 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

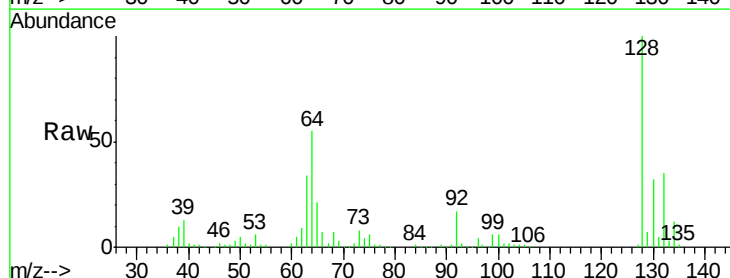
Tgt Ion: 128 Resp: 266927

Ion Ratio Lower Upper

128 100

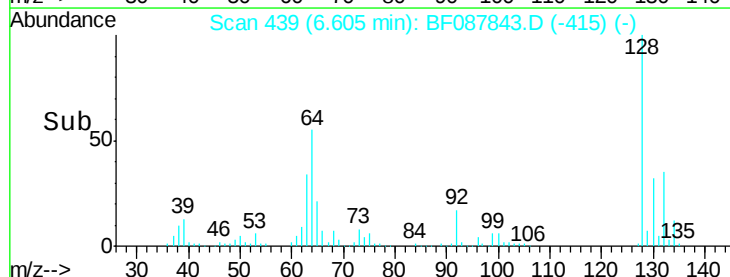
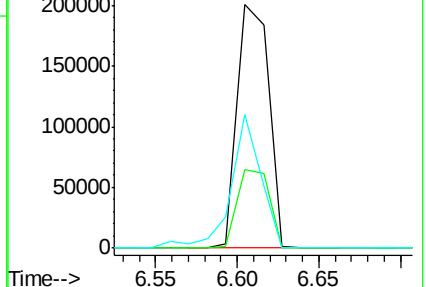
130 32.1 12.0 52.0

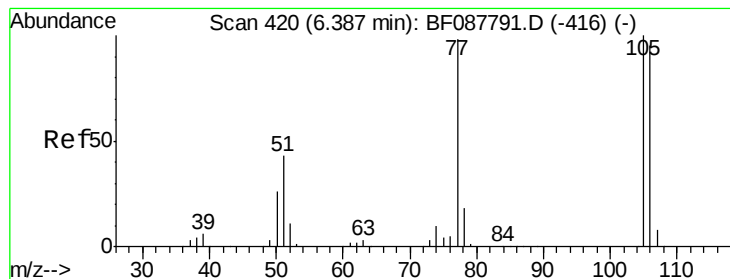
64 55.0 30.8 70.8



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

6.60





#9

Benzaldehyde

Concen: 39.86 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

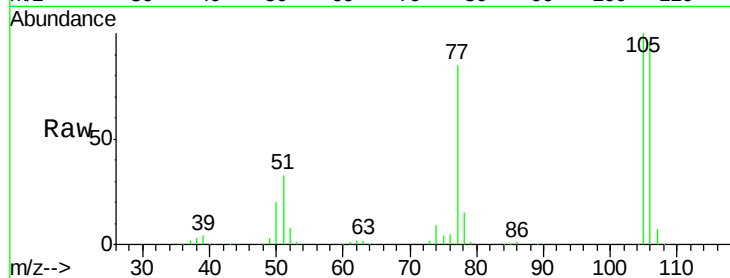
Tot Ion: 77 Resp: 179596

Ion Ratio Lower Upper

77 100

105 117.9 90.6 130.6

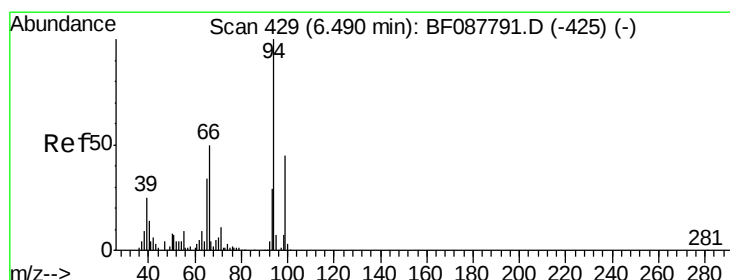
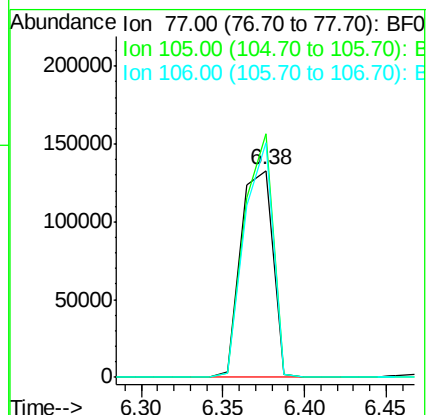
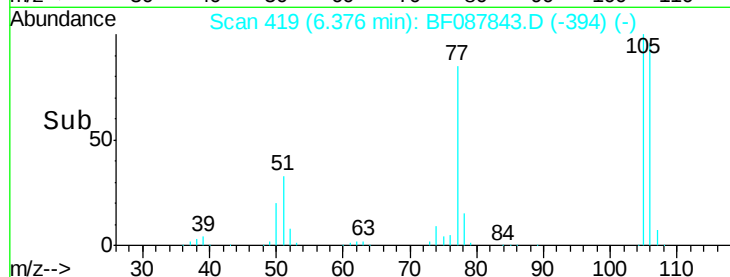
106 113.4 85.3 125.3



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: 42.79 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

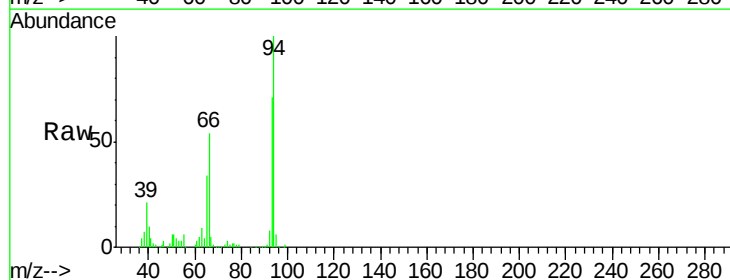
Tgt Ion: 94 Resp: 324317

Ion Ratio Lower Upper

94 100

65 34.4 5.9 45.9

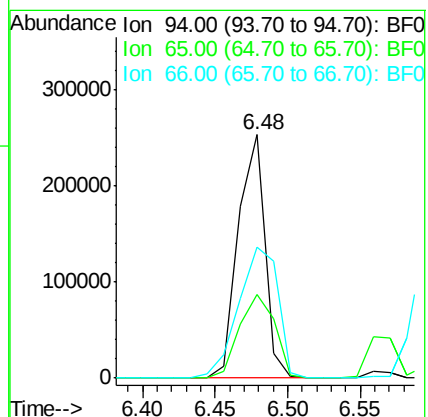
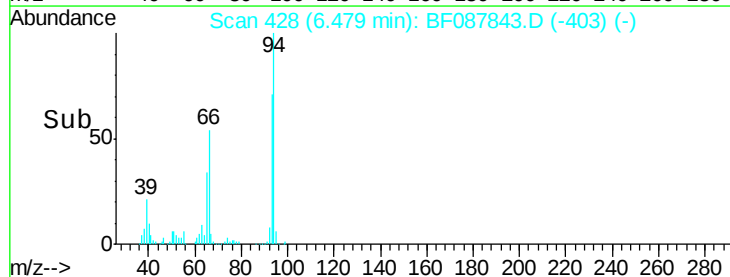
66 53.9 14.0 54.0

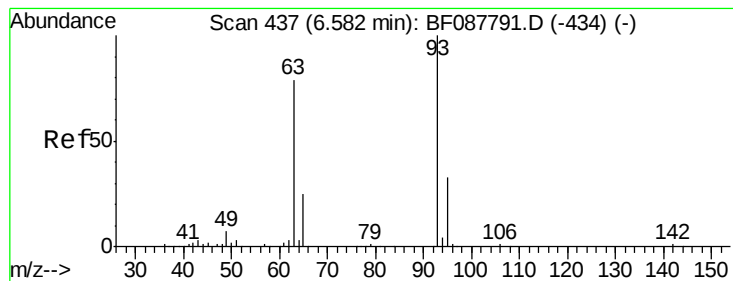


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

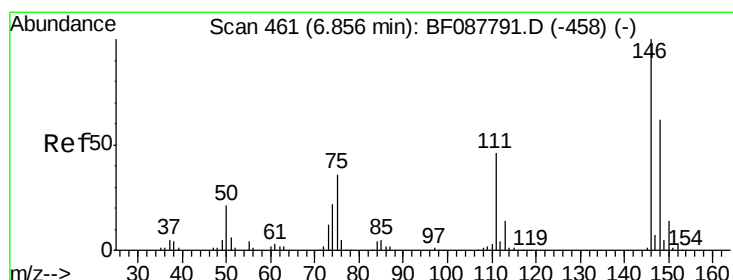
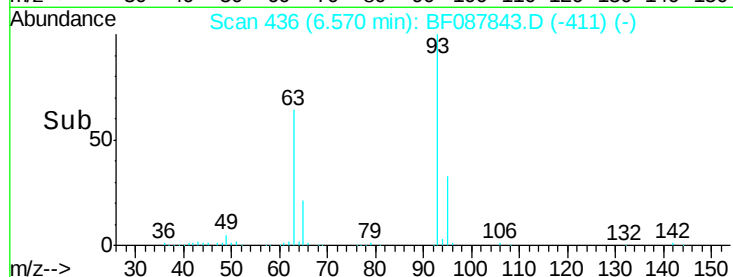
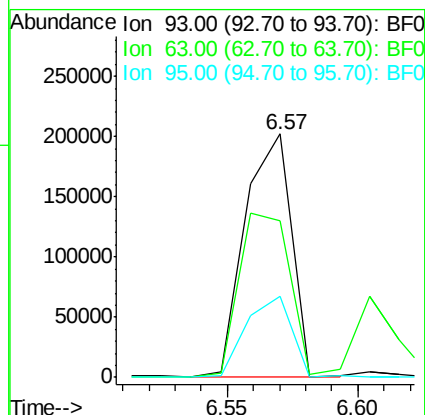
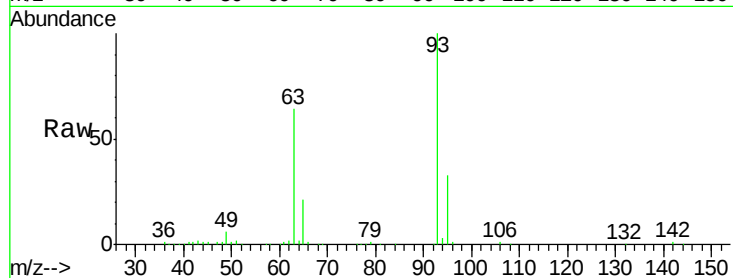




#11
bis(2-Chloroethyl)ether
Concen: 39.10 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

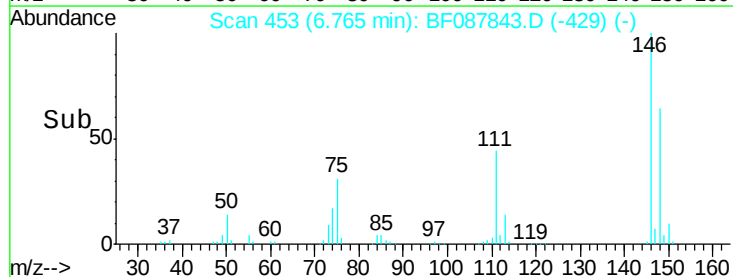
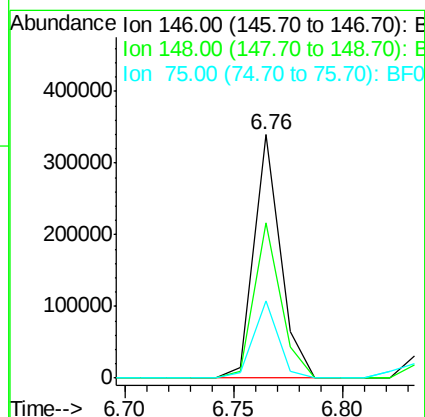
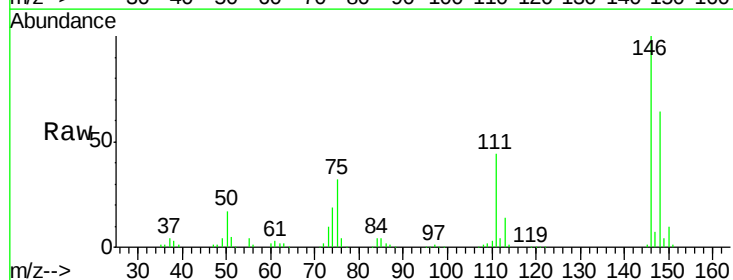
Instrument :
BNA_F
ClientSampleId :

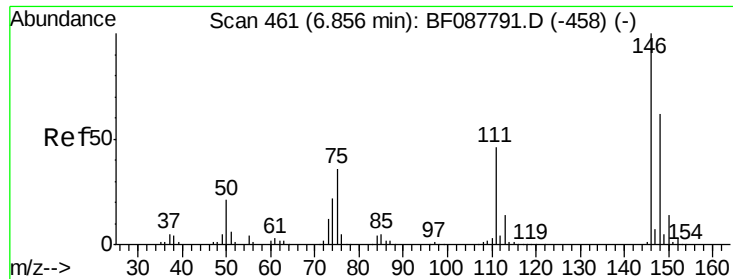
Tot Ion: 93 Resp: 251001
Ion Ratio Lower Upper
93 100
63 64.1 67.6 107.6#
95 33.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.45 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion: 146 Resp: 287265
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 31.7 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 39.53 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

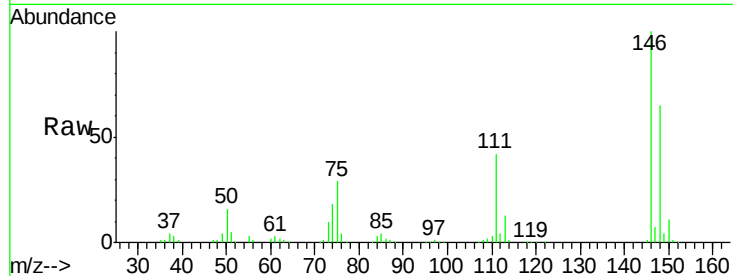
Tot Ion:146 Resp: 305423

Ion Ratio Lower Upper

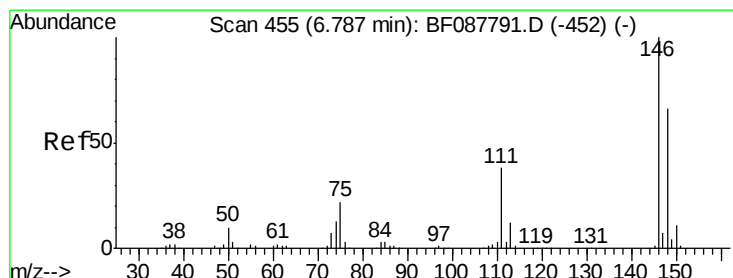
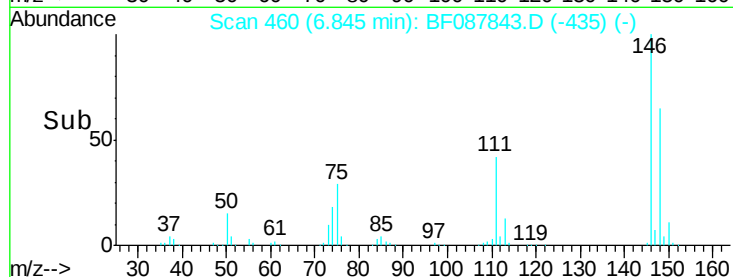
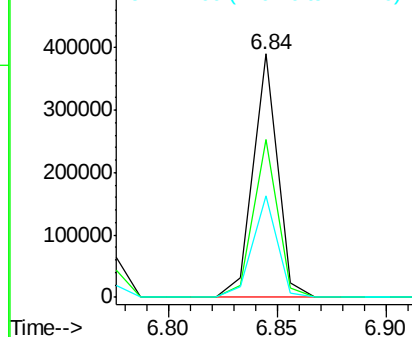
146 100

148 64.8 52.0 78.0

111 41.9 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.74 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

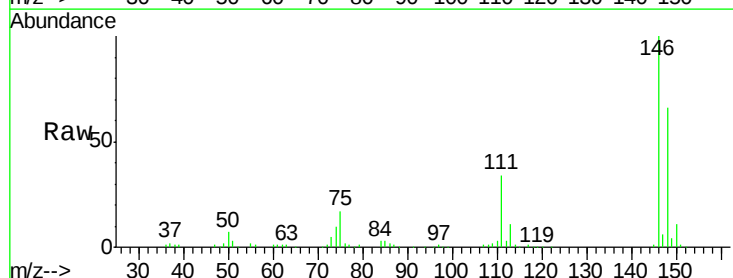
Tgt Ion:146 Resp: 265203

Ion Ratio Lower Upper

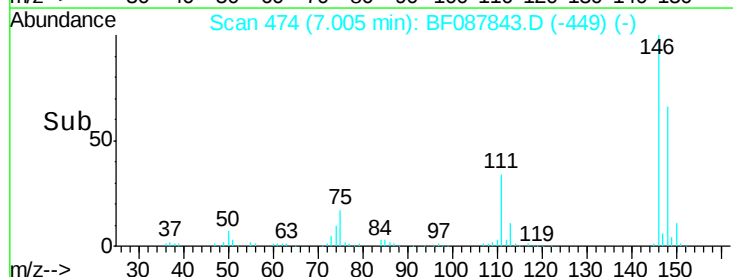
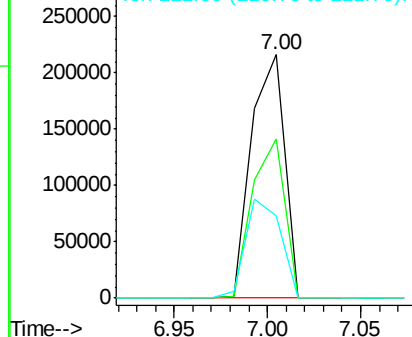
146 100

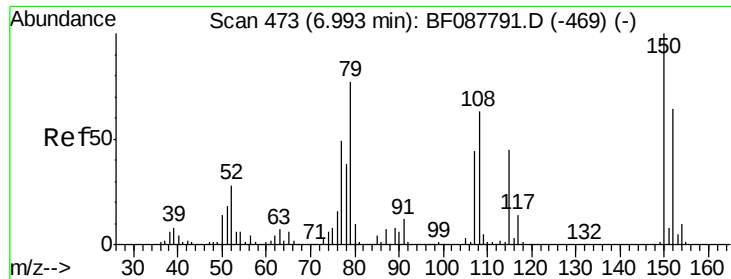
148 65.5 52.3 78.5

111 33.7 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

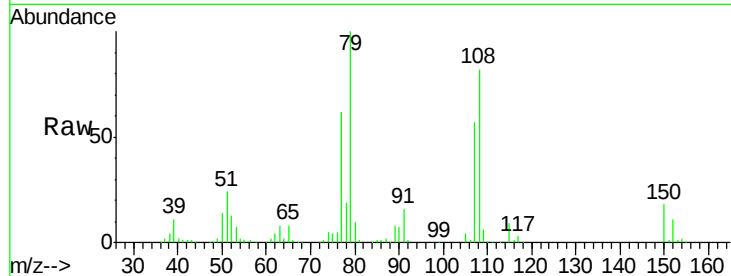




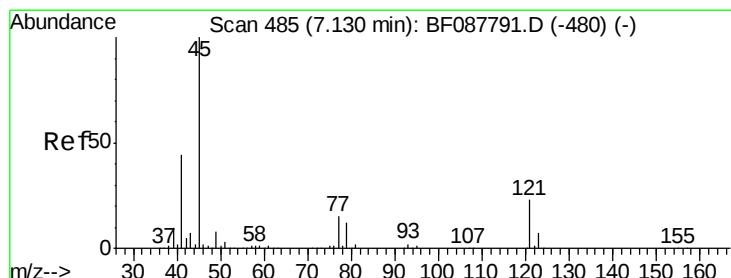
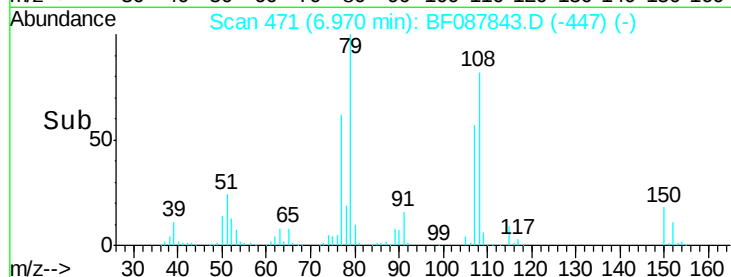
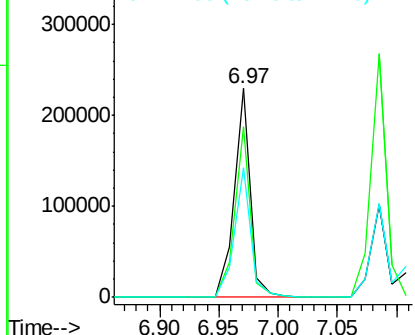
#15
Benzyl Alcohol
Concen: 37.67 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 215732
Ion Ratio Lower Upper
79 100
108 81.7 65.0 97.6
77 62.4 50.3 75.5

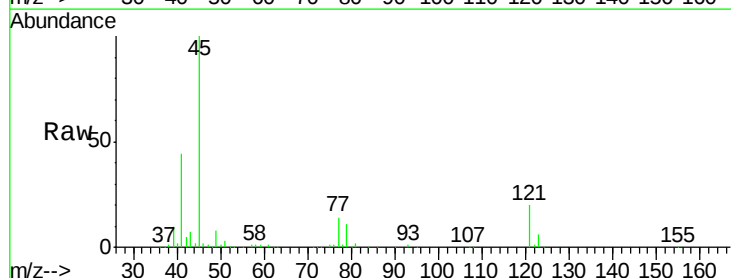


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

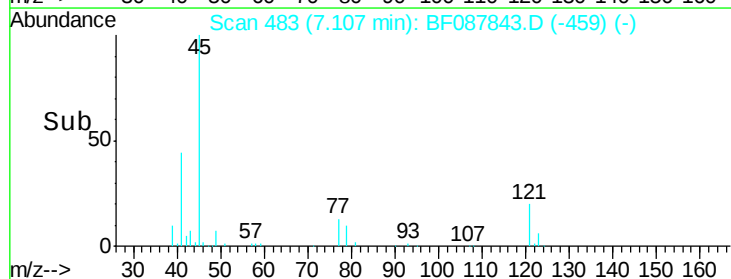
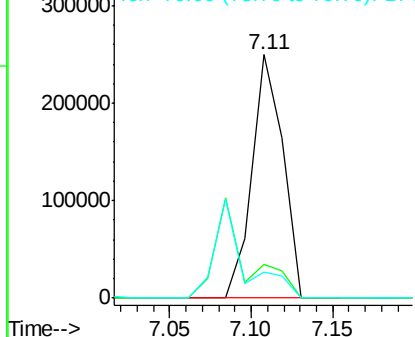


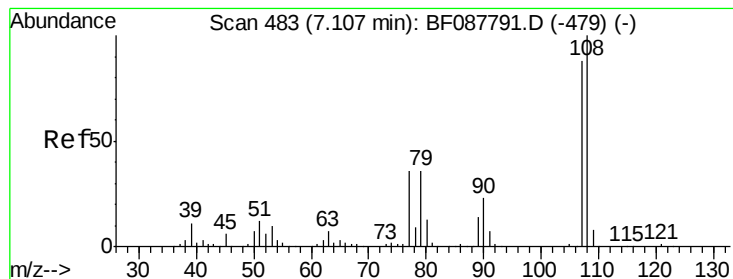
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.68 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion: 45 Resp: 326726
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.5
79 10.8 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: 36.93 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 214100

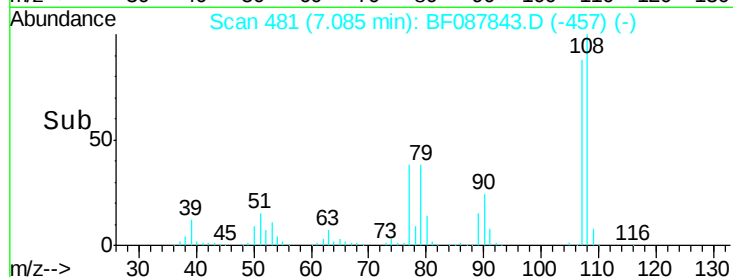
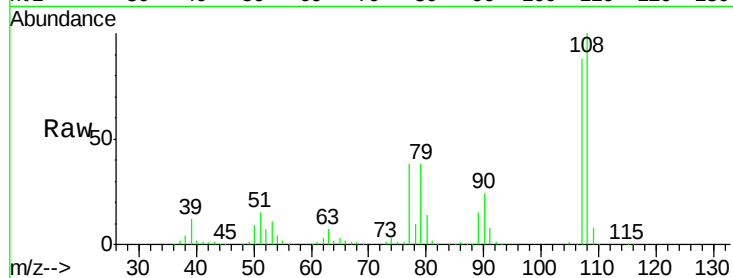
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 43.5 36.6 55.0

79 42.9 36.5 54.7

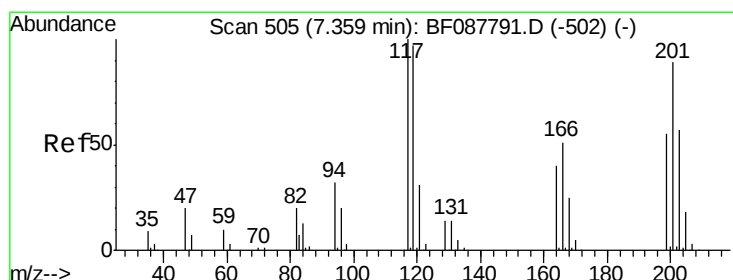
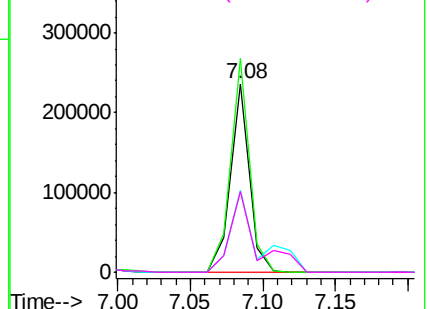


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.41 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

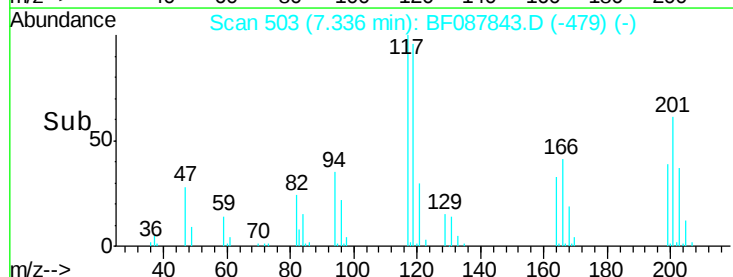
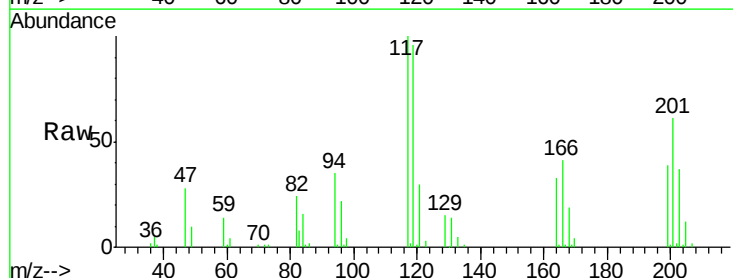
Tgt Ion:117 Resp: 80649

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2

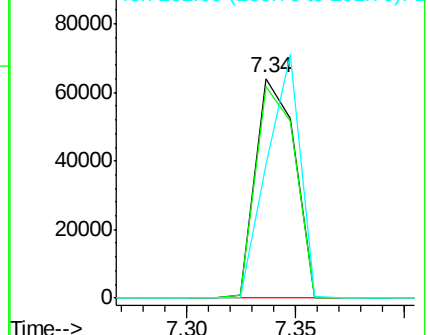
201 61.0 80.4 120.6#

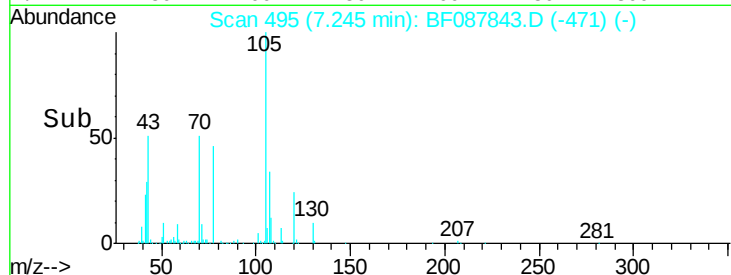
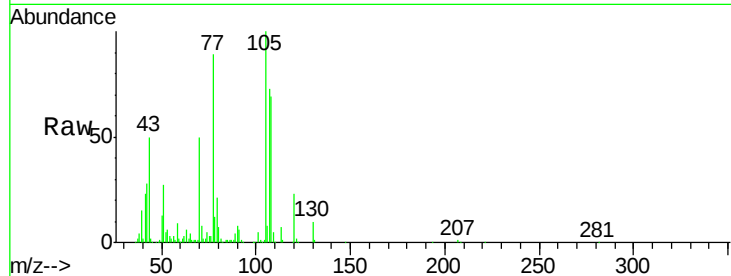
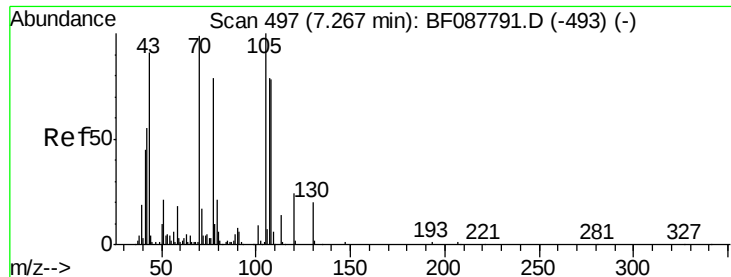


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

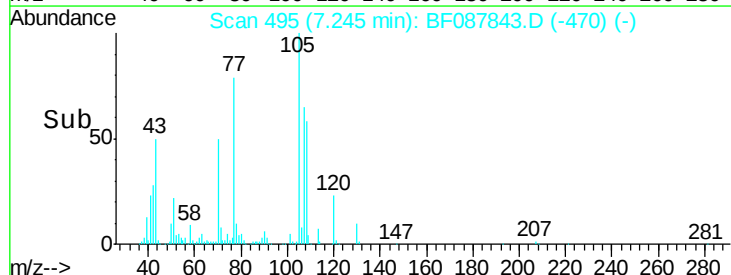
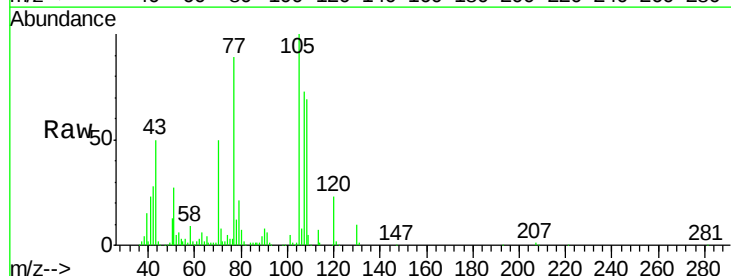
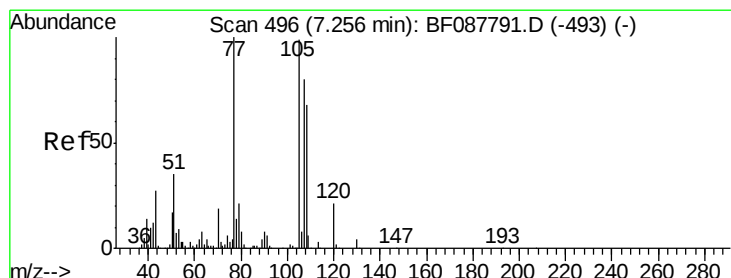
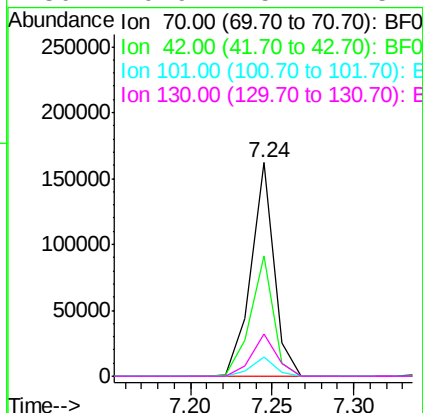




#19
n-Nitroso-di-n-propylamine
Concen: 33.94 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

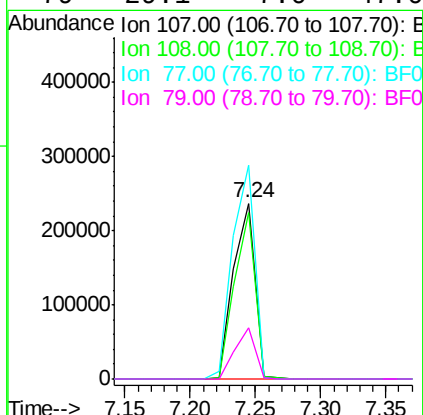
Instrument :
BNA_F
ClientSampleId :

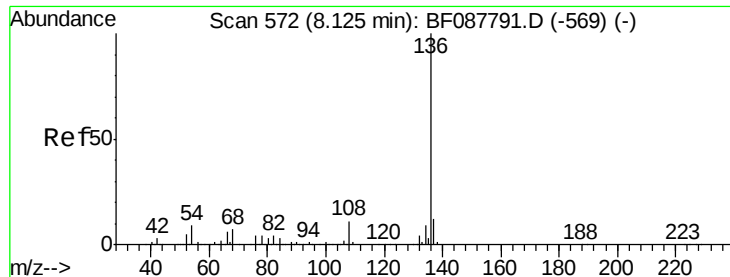
Tot Ion:	70	Resp:	158942
Ion	Ratio	Lower	Upper
70	100		
42	56.6	49.6	74.4
101	9.2	7.1	10.7
130	19.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion:	107	Resp:	268598
Ion	Ratio	Lower	Upper
107	100		
108	94.6	67.8	107.8
77	121.7	59.3	99.3#
79	29.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404395

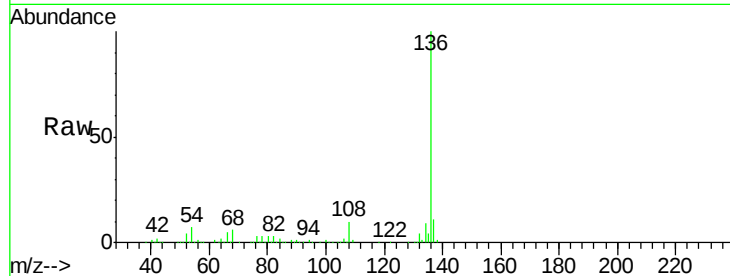
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.2 6.6 10.0

68 5.9 5.1 7.7

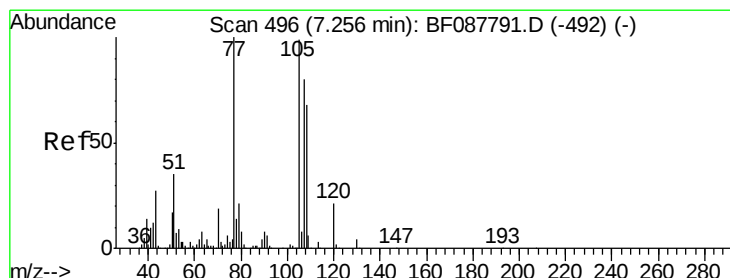
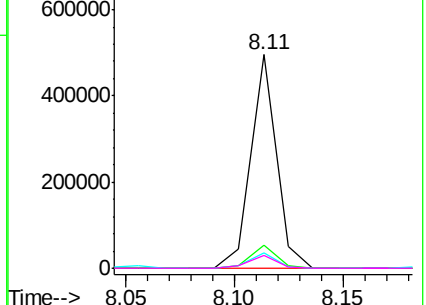
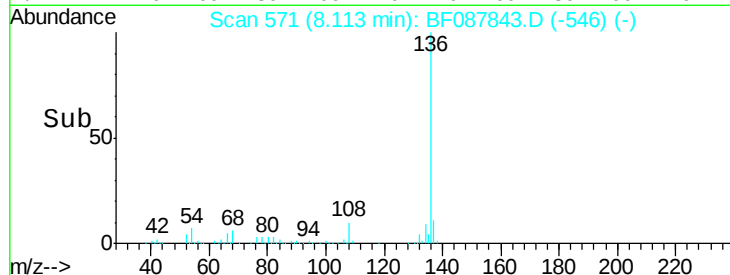


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.54 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Tgt Ion:105 Resp: 357292

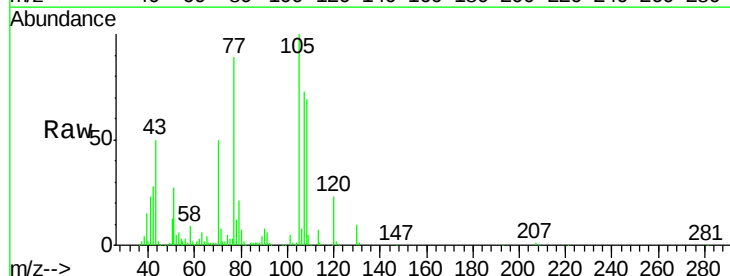
Ion Ratio Lower Upper

105 100

71 8.3 5.3 7.9#

51 26.7 18.2 27.4

120 23.0 18.0 27.0

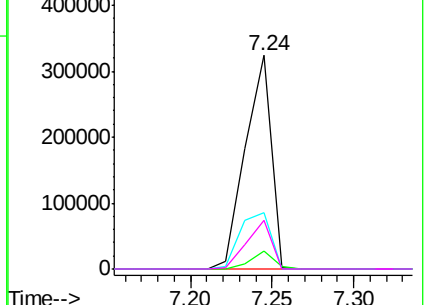
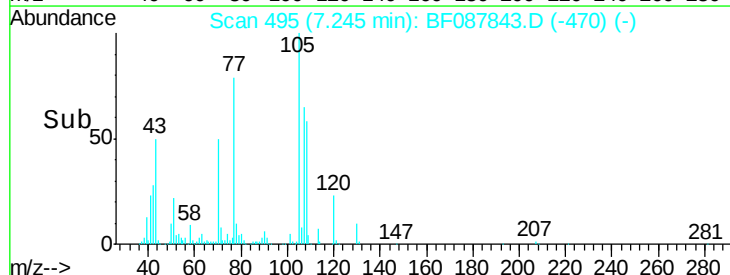


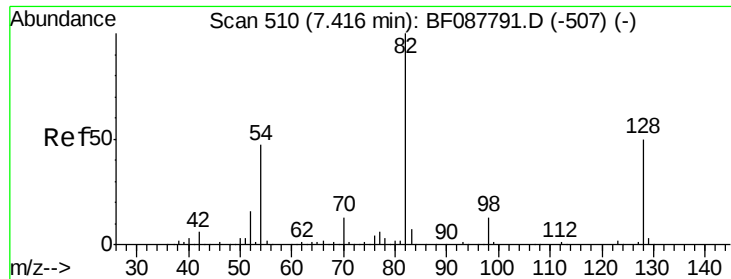
Abundance Ion 105.00 (104.70 to 105.70): E

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

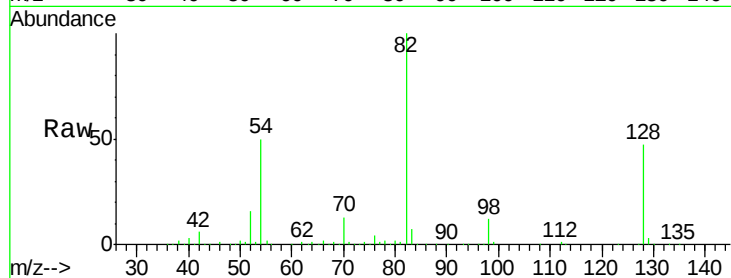




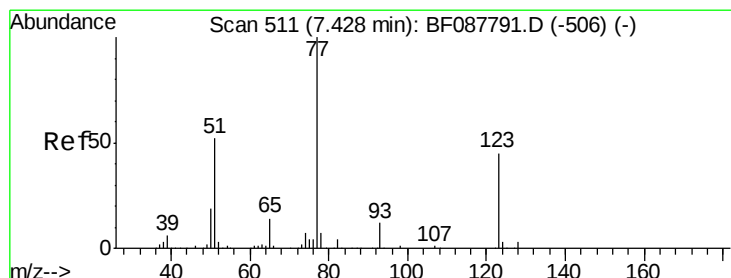
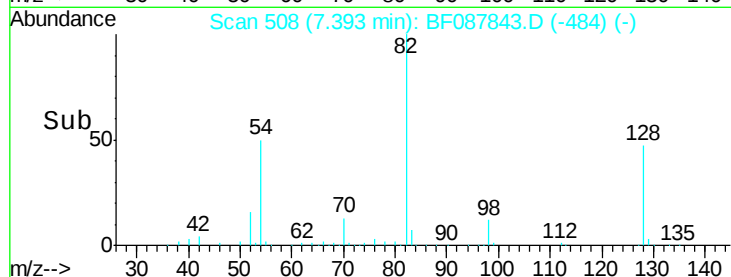
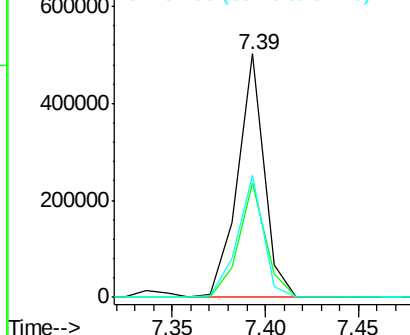
#23
Nitrobenzene-d5
Concen: 72.09 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 499277
Ion Ratio Lower Upper
82 100
128 47.1 35.9 53.9
54 49.9 40.9 61.3

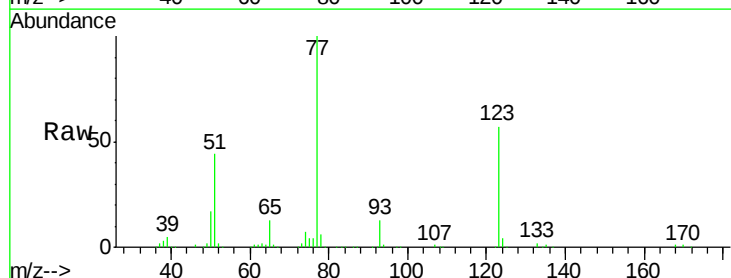


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

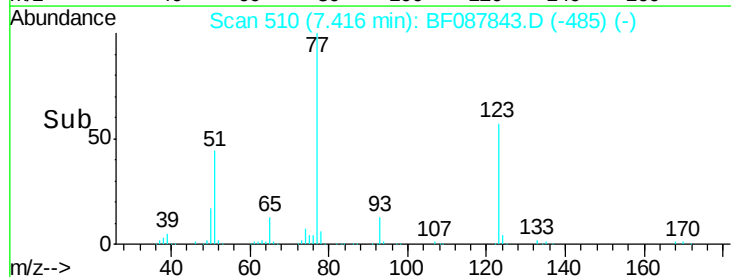
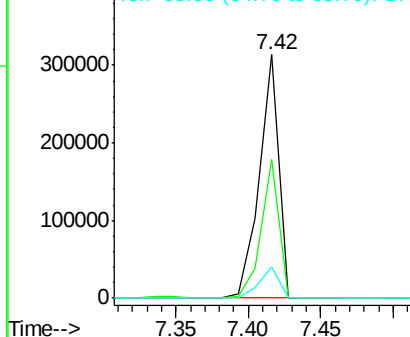


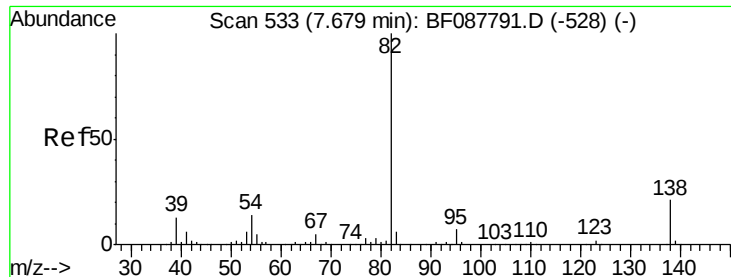
#24
Nitrobenzene
Concen: 43.24 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion: 77 Resp: 290072
Ion Ratio Lower Upper
77 100
123 57.0 45.0 67.4
65 12.9 10.2 15.2



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





#25

Isophorone

Concen: 38.82 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

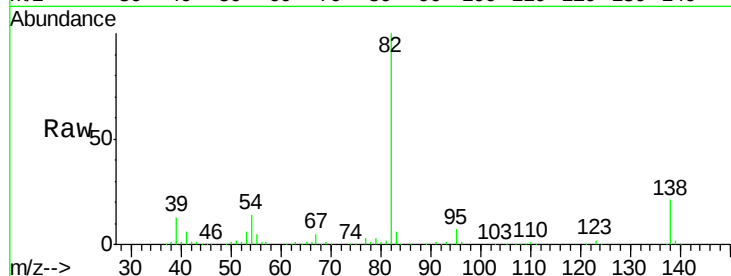
Tot Ion: 82 Resp: 497908

Ion Ratio Lower Upper

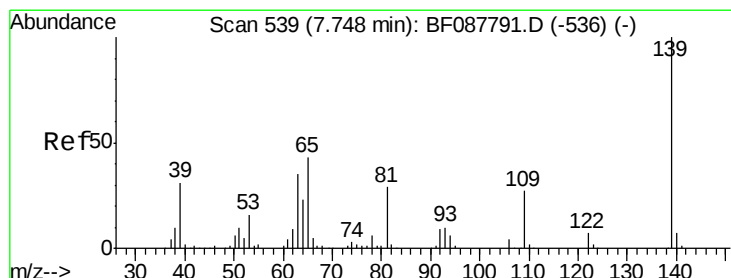
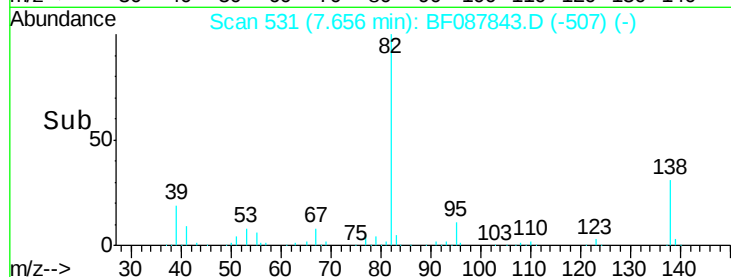
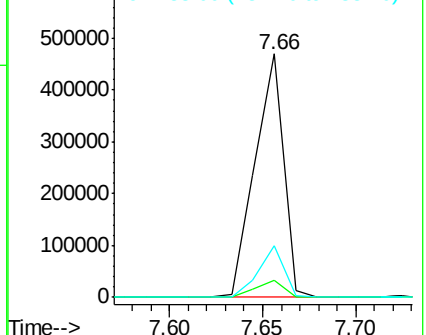
82 100

95 7.2 5.4 8.2

138 21.1 14.6 21.8



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



#26

2-Nitrophenol

Concen: 31.43 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

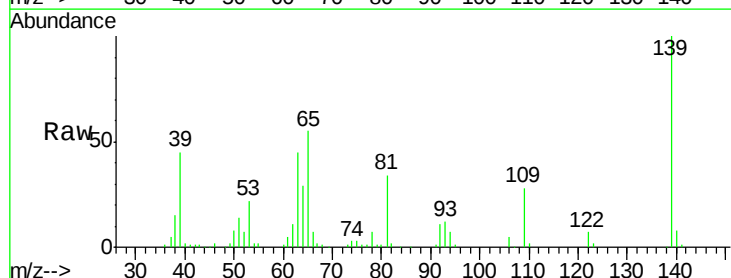
Tgt Ion: 139 Resp: 112956

Ion Ratio Lower Upper

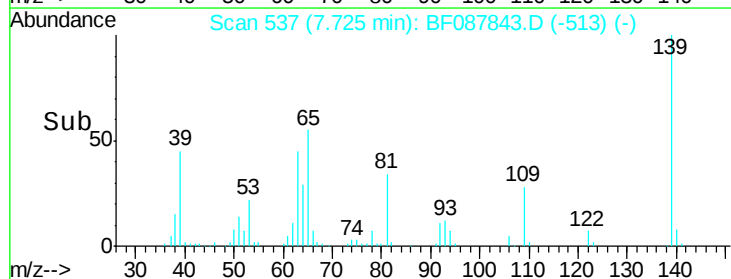
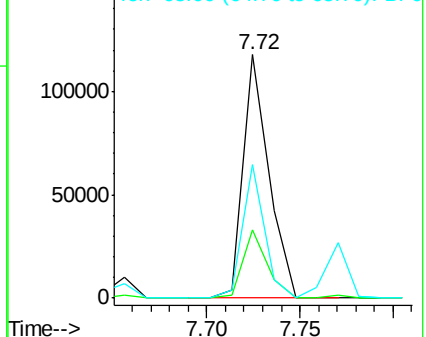
139 100

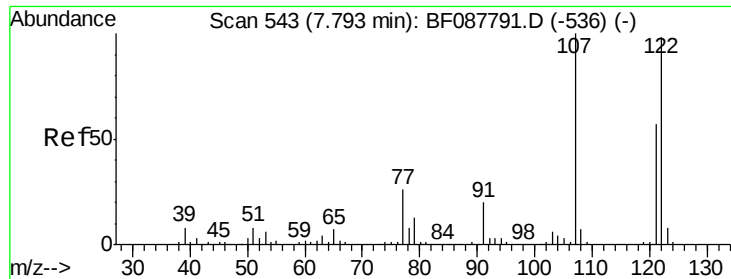
109 28.2 23.0 34.4

65 54.7 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

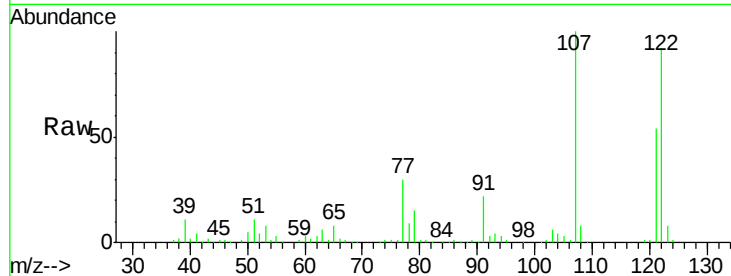




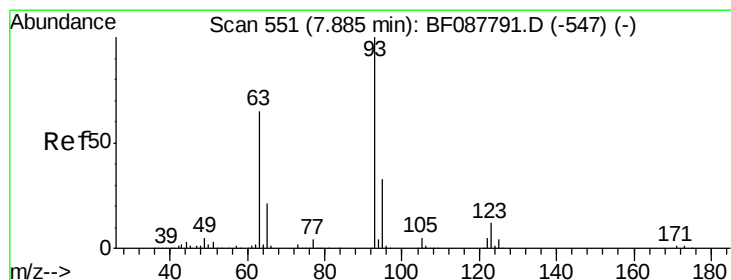
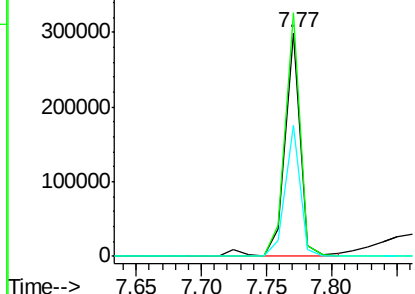
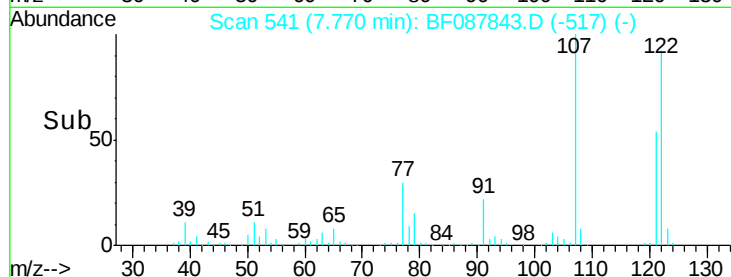
#27
 2,4-Dimethylphenol
 Concen: 38.07 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 251862
 Ion Ratio Lower Upper
 122 100
 107 109.0 82.4 123.6
 121 58.6 46.3 69.5

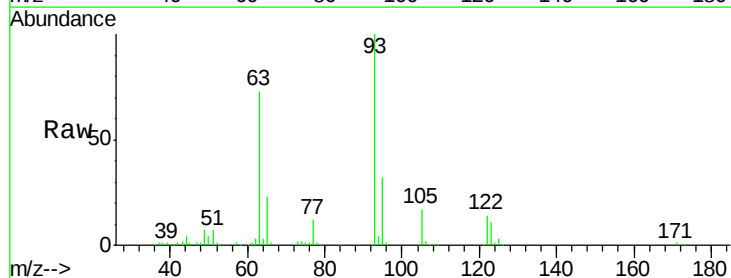


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

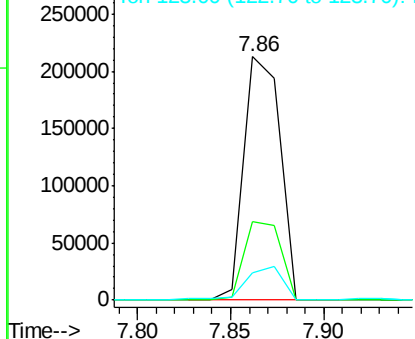
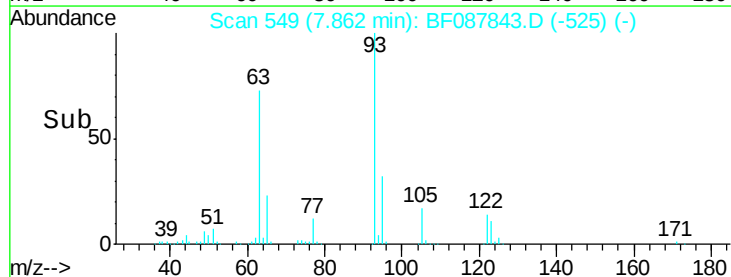


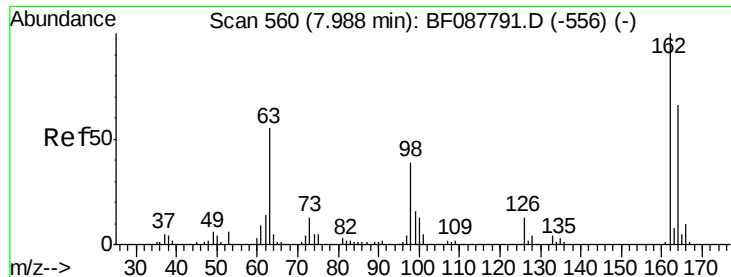
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.96 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion: 93 Resp: 286073
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 11.1 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

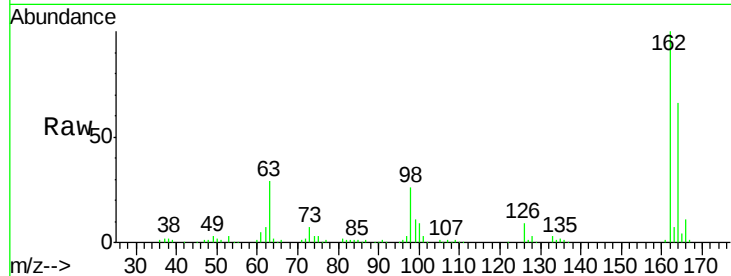




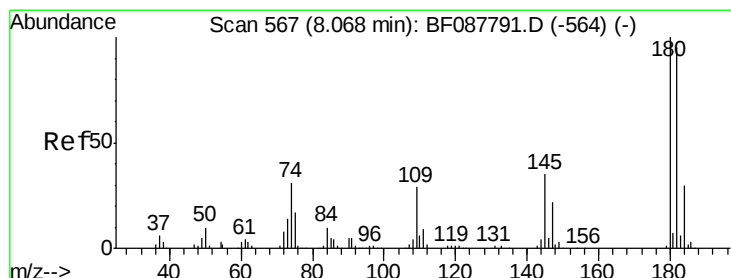
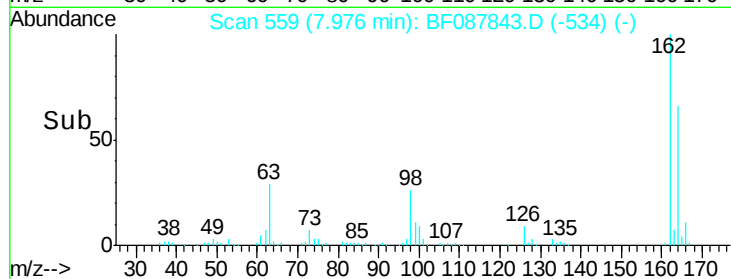
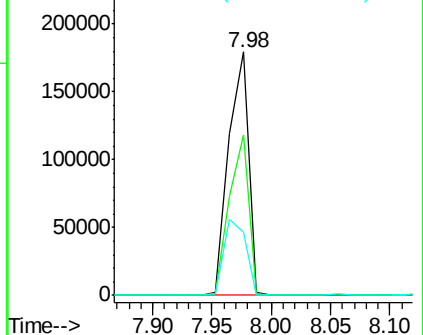
#29
 2,4-Dichlorophenol
 Concen: 37.80 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	43.8	83.8
98	25.9	21.3	61.3

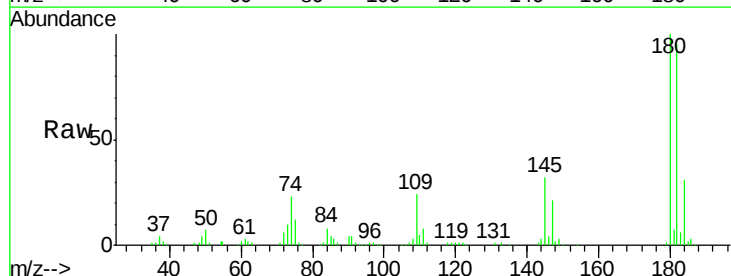


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

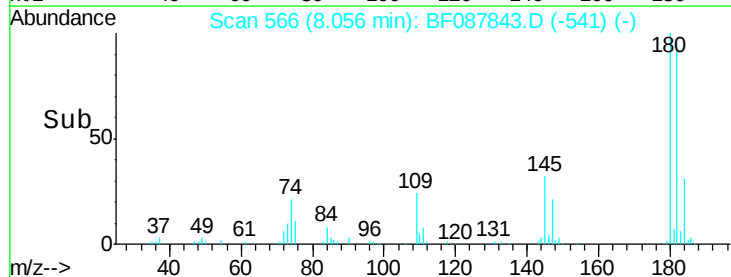
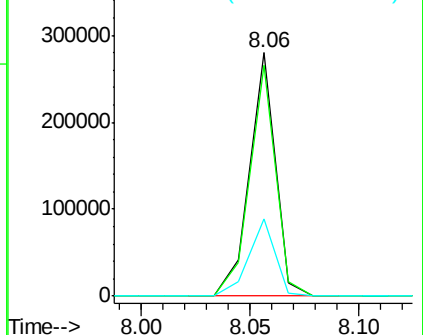


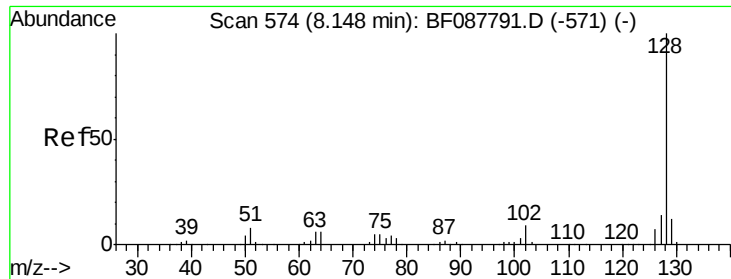
#30
 1,2,4-Trichlorobenzene
 Concen: 38.50 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
145	31.9	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

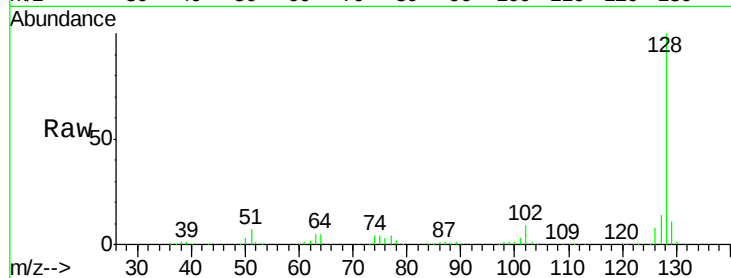




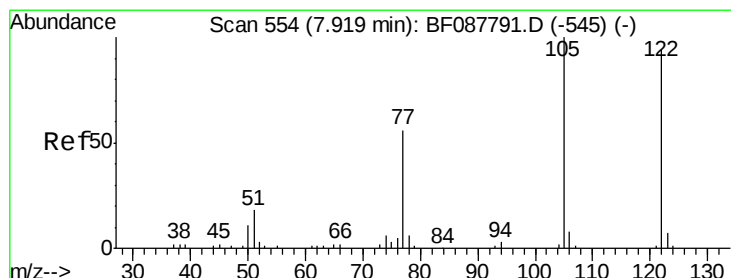
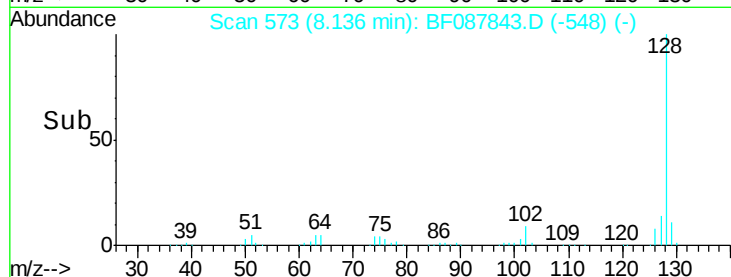
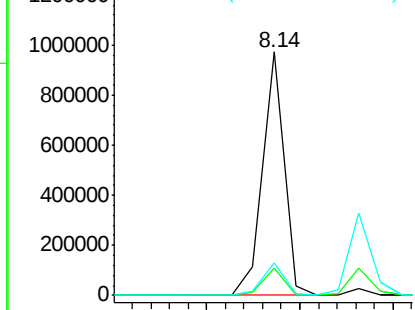
#31
Naphthalene
Concen: 38.73 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 775088
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 10.9 16.3

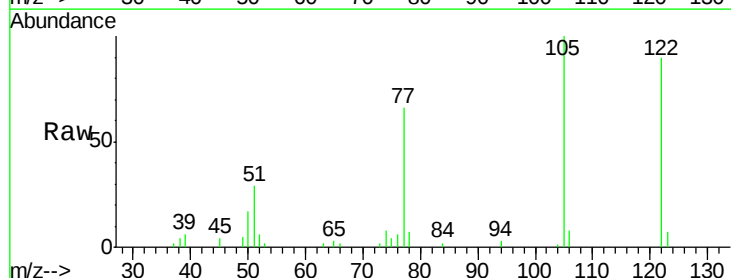


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

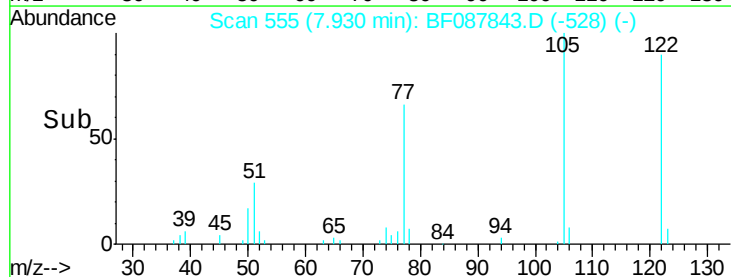
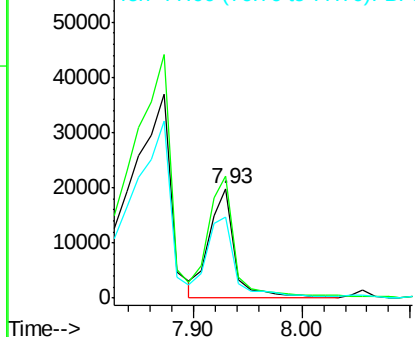


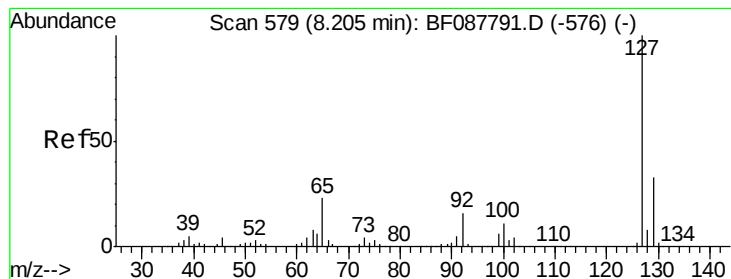
#32
Benzoic acid
Concen: 9.10 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion:122 Resp: 33140
Ion Ratio Lower Upper
122 100
105 111.4 101.6 141.6
77 73.8 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: 31.80 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 284154

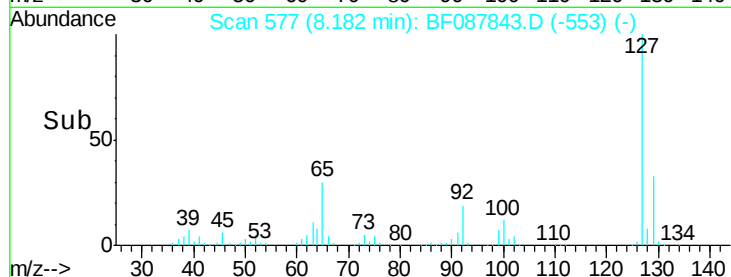
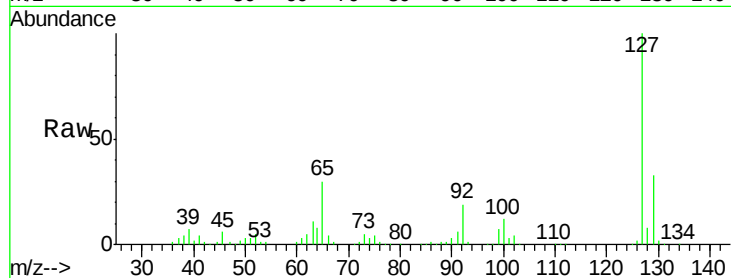
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 30.0 24.7 37.1

92 18.8 15.4 23.0

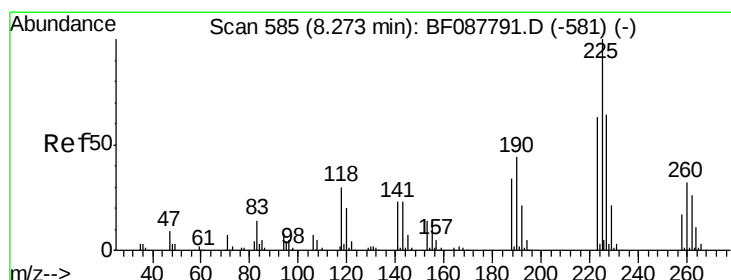
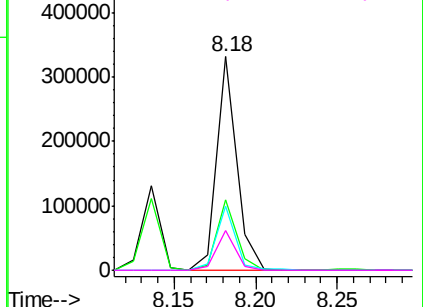


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.94 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

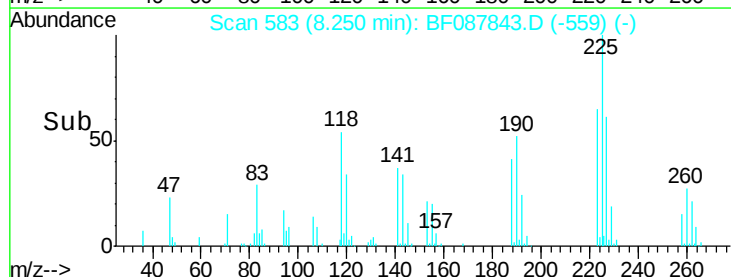
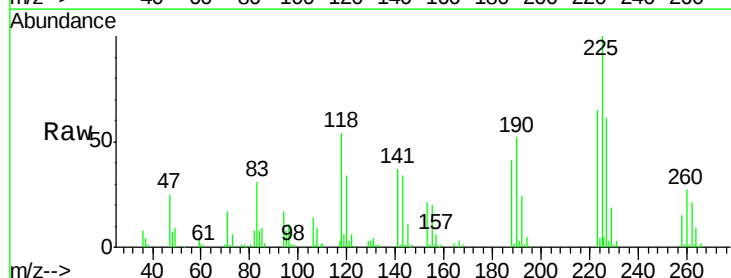
Tgt Ion:225 Resp: 117176

Ion Ratio Lower Upper

225 100

223 64.9 50.9 76.3

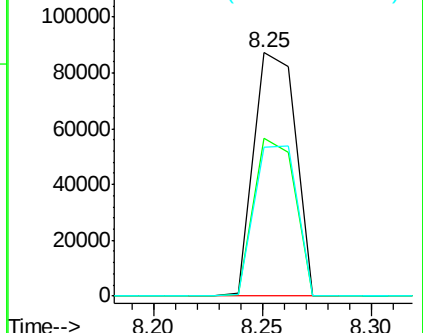
227 61.3 51.9 77.9

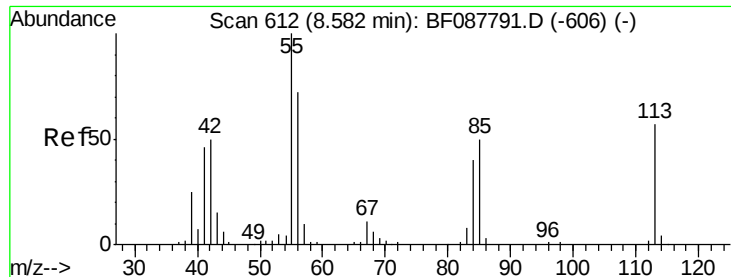


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

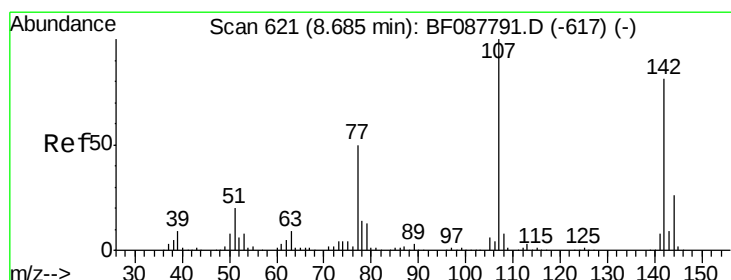
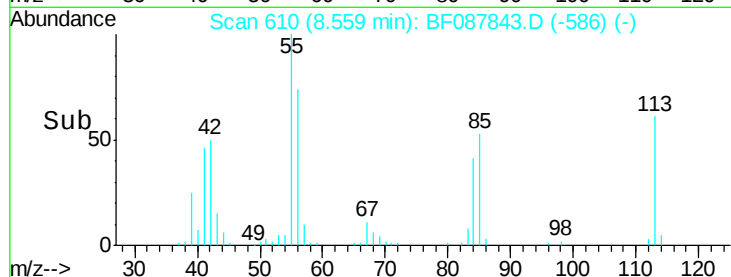
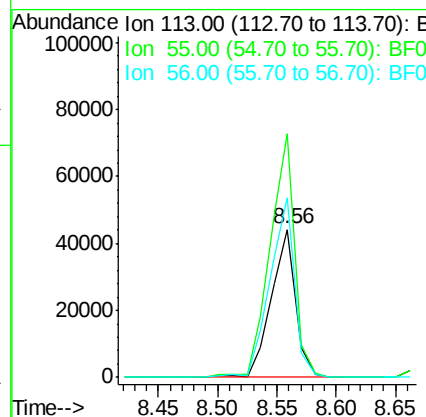
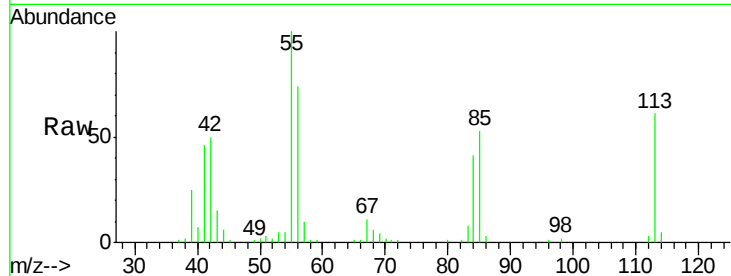




#35
Caprolactam
Concen: 34.39 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

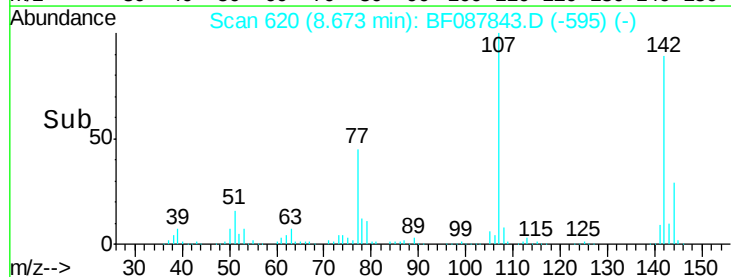
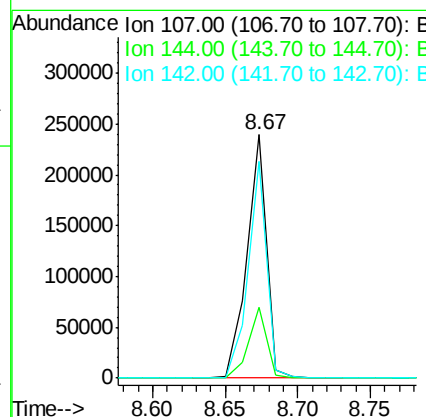
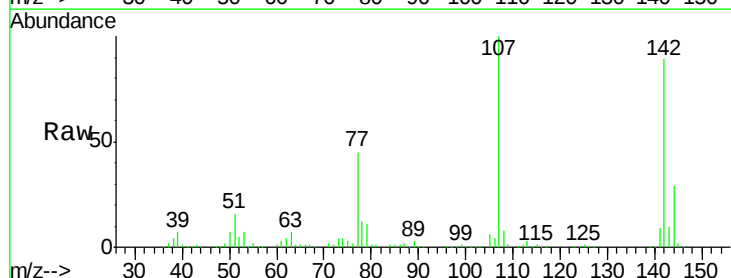
Instrument :
BNA_F
ClientSampleId :

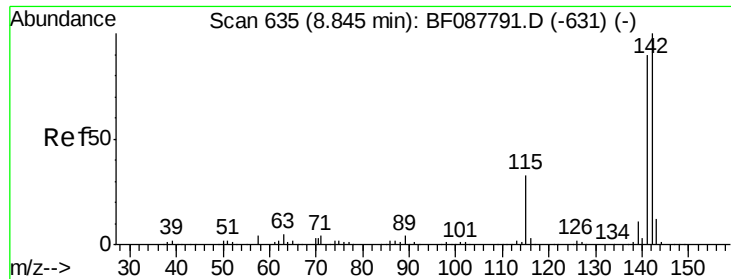
Tot Ion:113 Resp: 62933
Ion Ratio Lower Upper
113 100
55 165.0 158.6 198.6
56 121.7 110.6 150.6



#36
4-Chloro-3-methylphenol
Concen: 37.82 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion:107 Resp: 223428
Ion Ratio Lower Upper
107 100
144 28.8 20.8 31.2
142 88.9 63.4 95.2

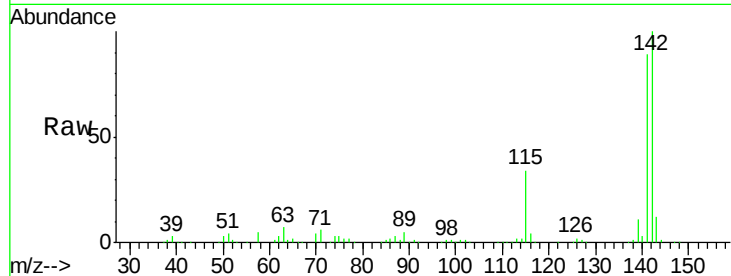




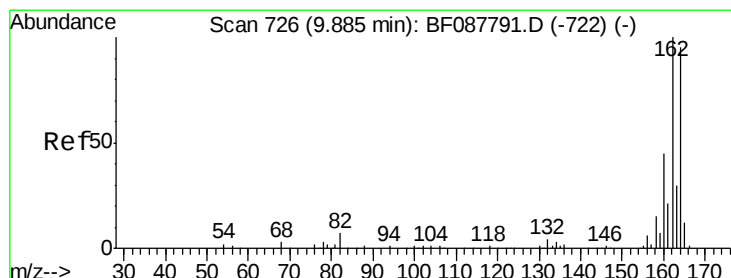
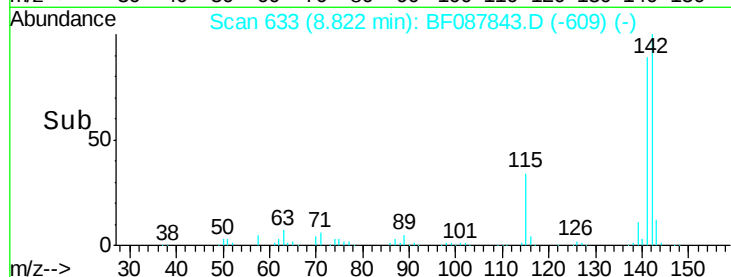
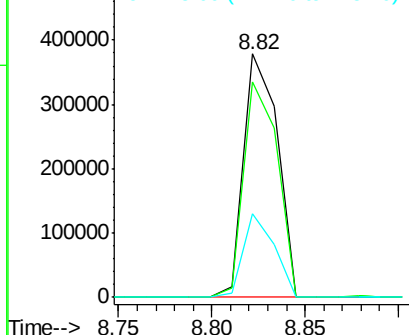
#37
2-Methylnaphthalene
Concen: 36.07 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 475803
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 34.4 22.6 33.8#

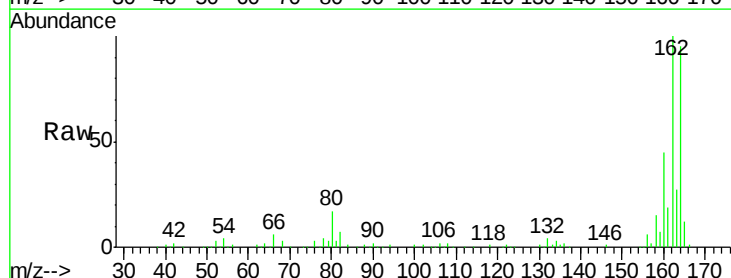


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

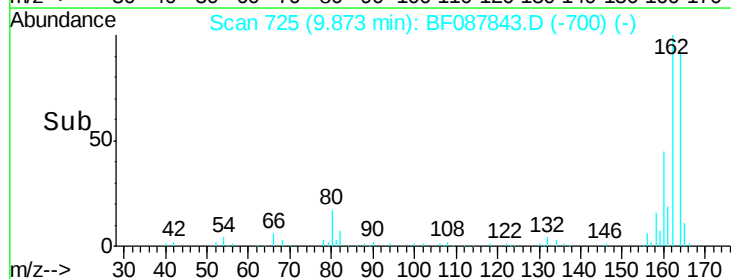
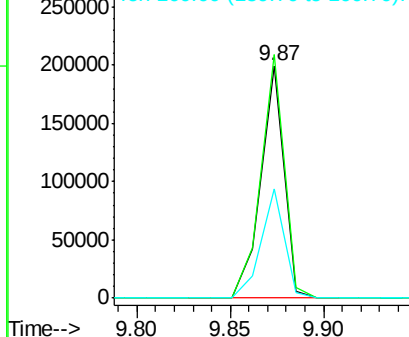


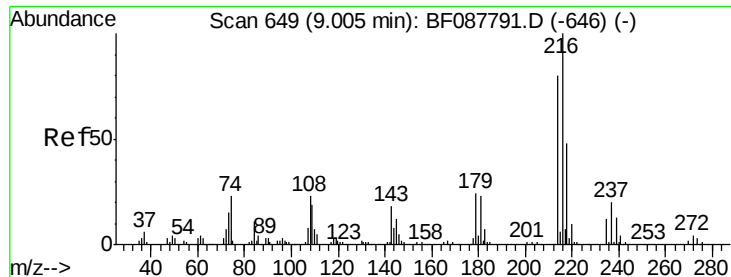
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion:164 Resp: 169633
Ion Ratio Lower Upper
164 100
162 104.8 85.4 128.2
160 47.3 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.07 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 201756

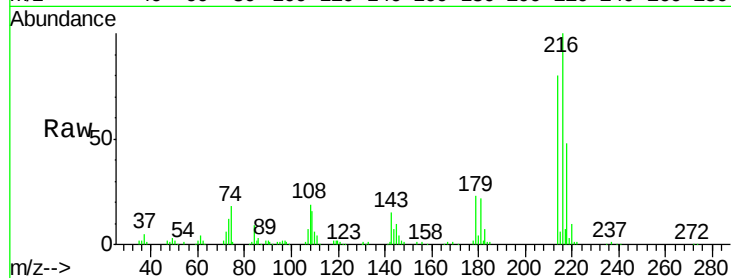
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

179 22.6 0.0 0.0#

108 19.1 0.5 0.7#

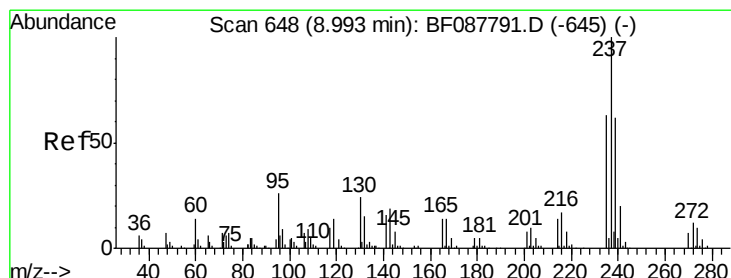
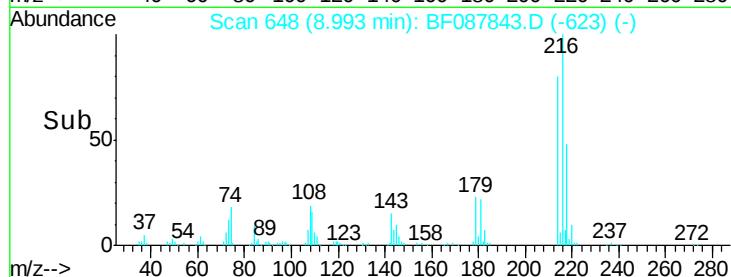
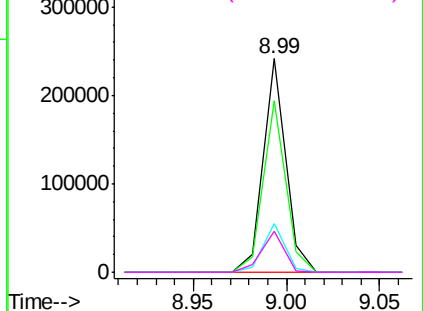


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.92 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

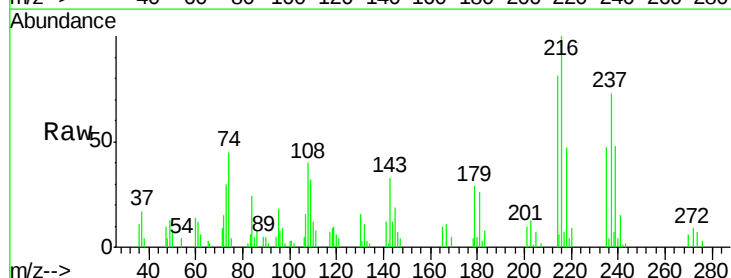
Tgt Ion:237 Resp: 13455

Ion Ratio Lower Upper

237 100

235 63.8 43.4 83.4

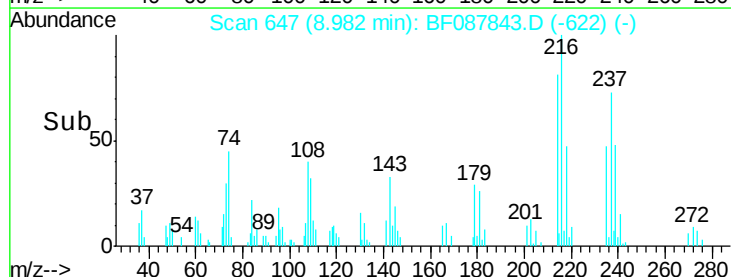
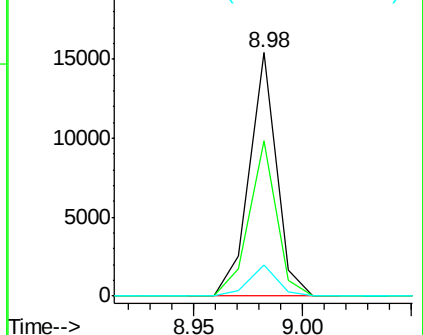
272 12.6 0.0 32.3

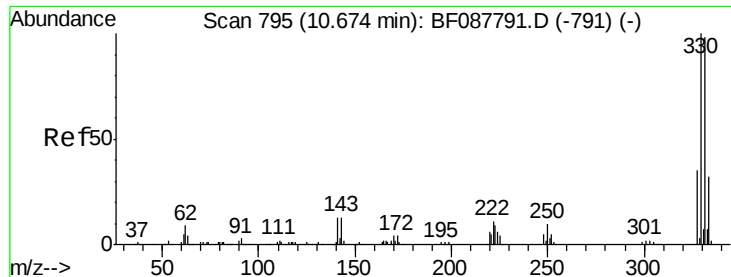


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

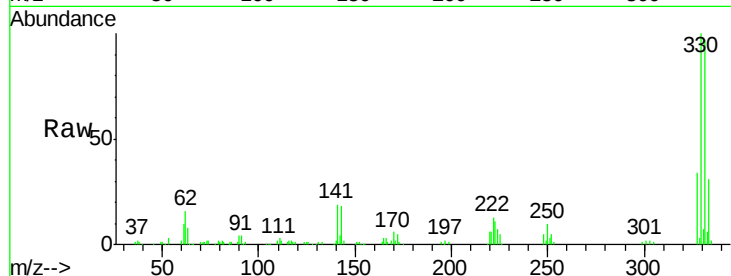




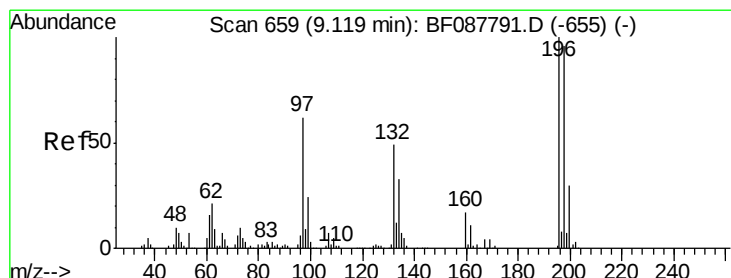
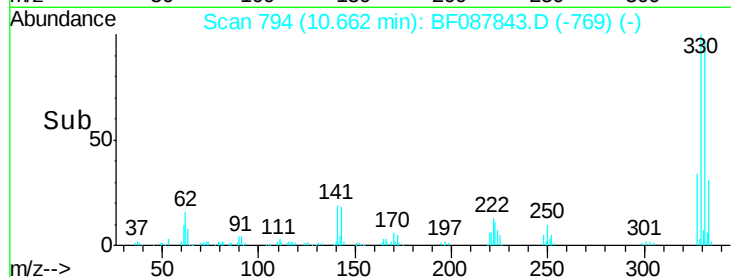
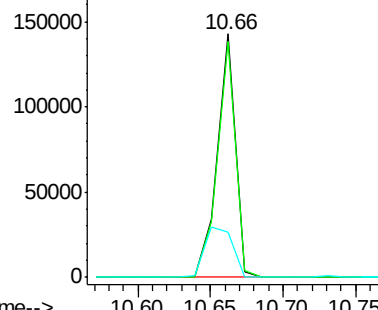
#41
 2,4,6-Tribromophenol
 Concen: 69.73 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	31.6	0.0	0.0#

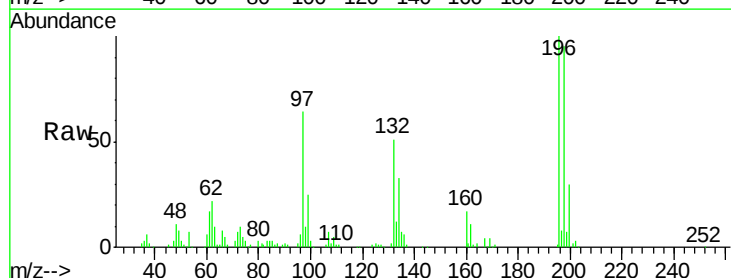


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

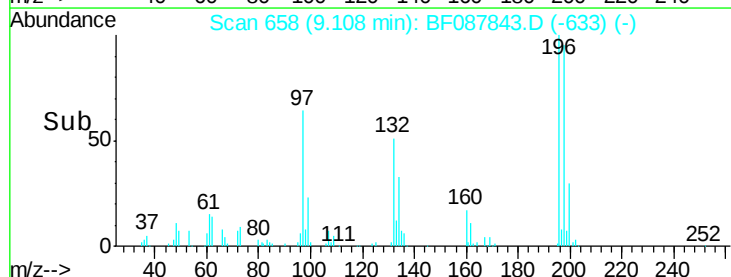
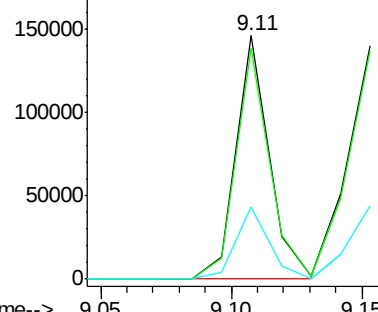


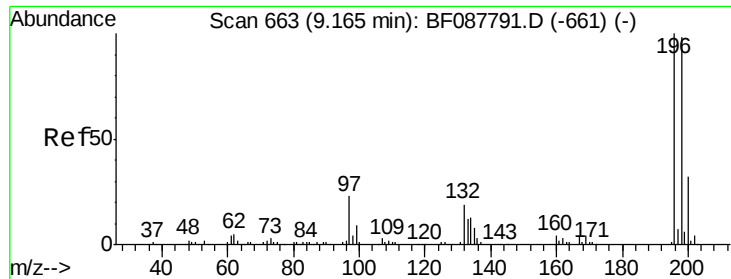
#42
 2,4,6-Trichlorophenol
 Concen: 37.85 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.0	117.0
200	29.8	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

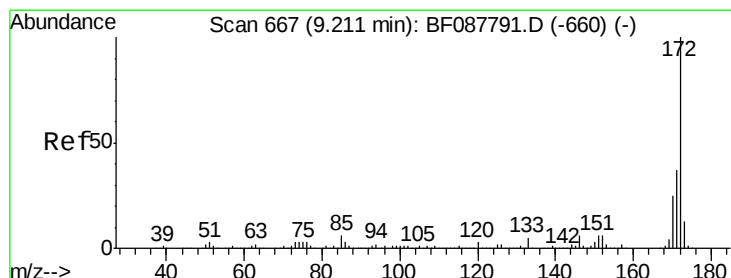
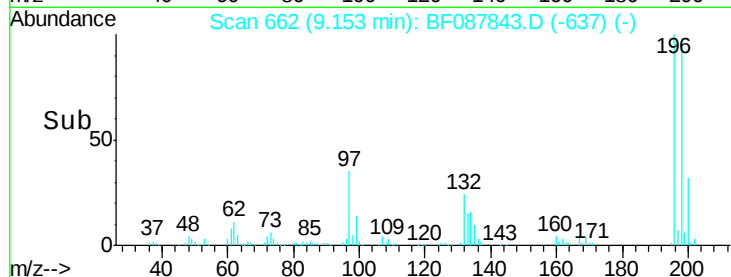
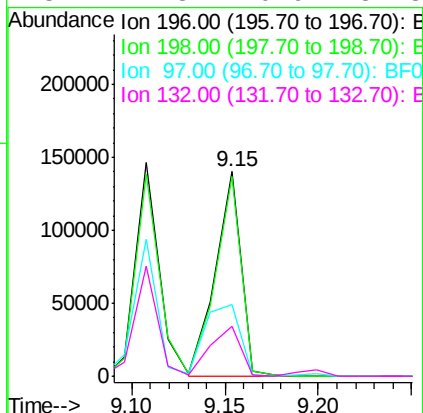
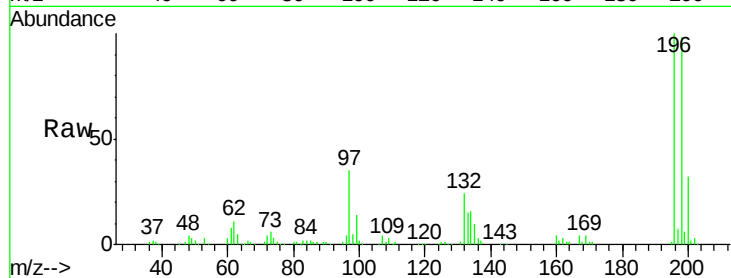




#43
 2,4,5-Trichlorophenol
 Concen: 38.07 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

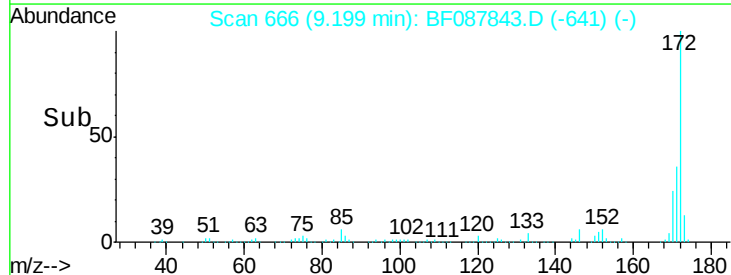
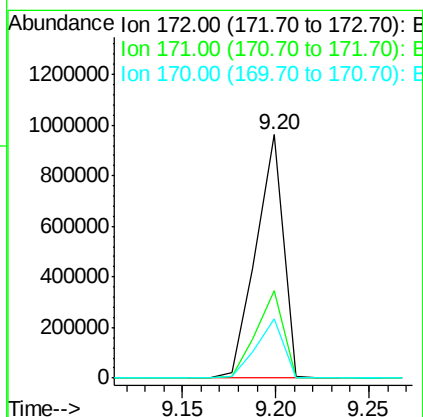
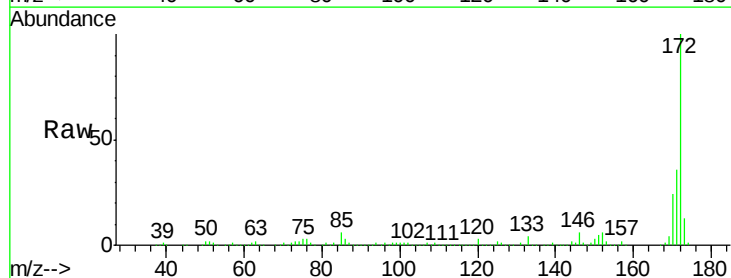
Instrument :
 BNA_F
 ClientSampleId :

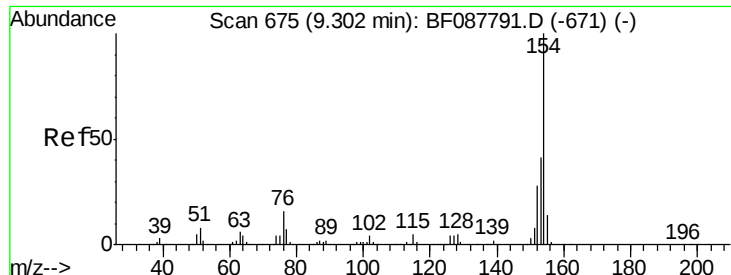
Tot Ion:196	Resp:	134357
Ion Ratio	Lower	Upper
196	100	
198	97.8	77.5 116.3
97	35.0	32.0 48.0
132	24.3	20.9 31.3



#44
 2-Fluorobiphenyl
 Concen: 90.61 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:172	Resp:	974464
Ion Ratio	Lower	Upper
172	100	
171	36.0	28.6 43.0
170	24.5	19.2 28.8





#45

1,1'-Biphenyl

Concen: 41.02 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

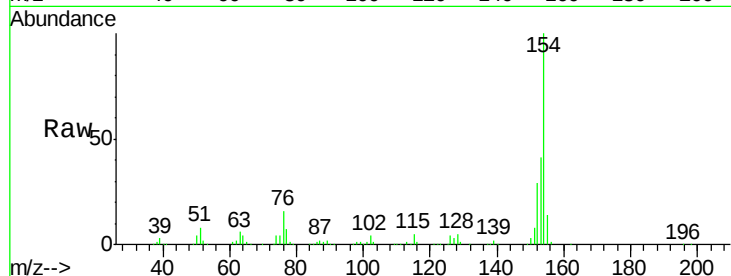
Tot Ion:154 Resp: 529234

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

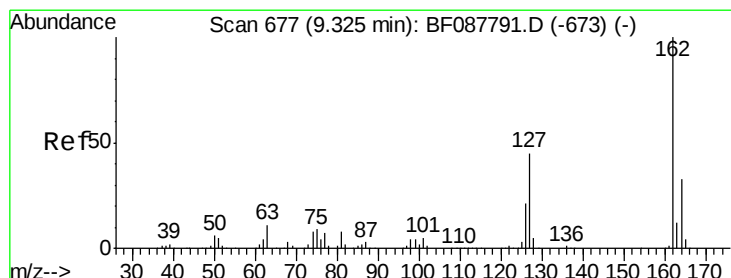
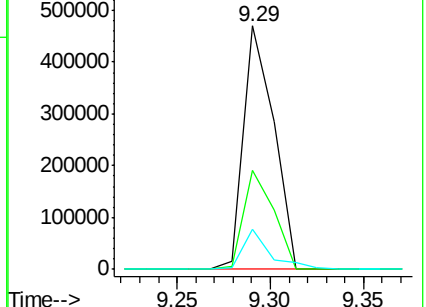
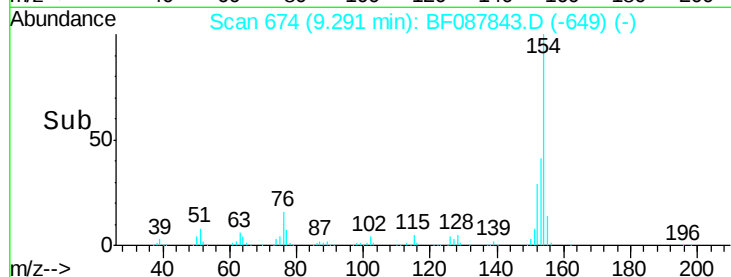
76 16.4 0.0 35.1



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): BF0



#46

2-Chloronaphthalene

Concen: 37.30 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

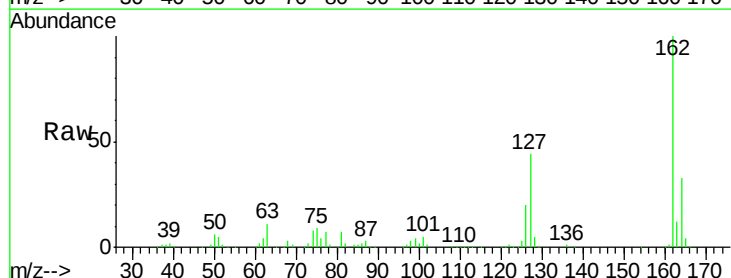
Tgt Ion:162 Resp: 409447

Ion Ratio Lower Upper

162 100

127 44.0 35.2 52.8

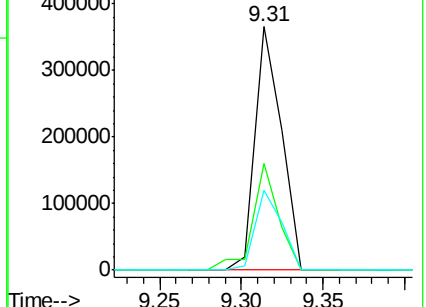
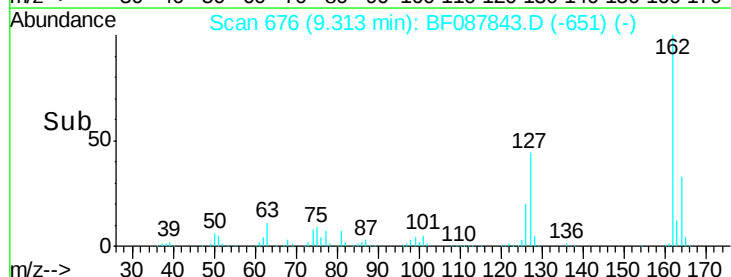
164 32.5 26.6 39.8

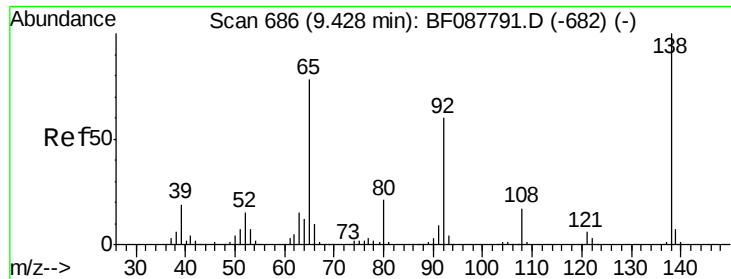


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

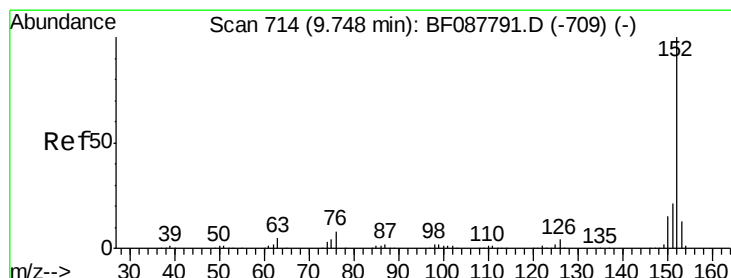
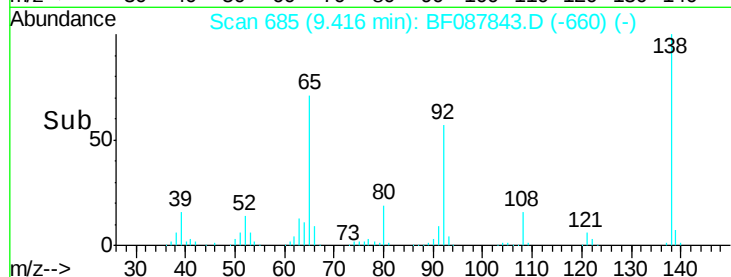
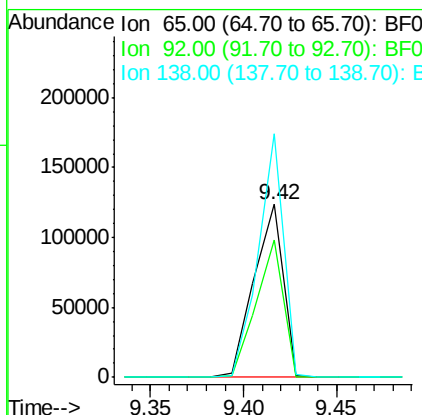
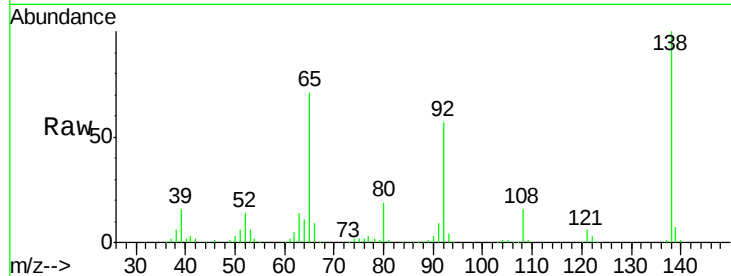




#47
 2-Nitroaniline
 Concen: 41.19 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

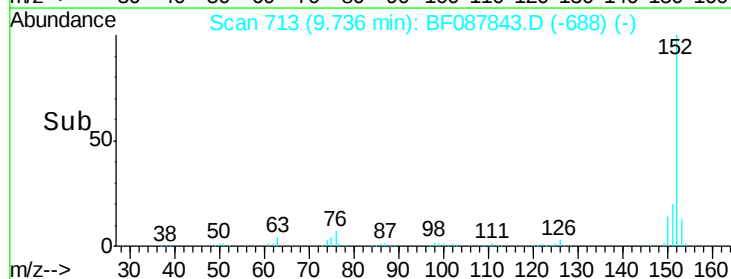
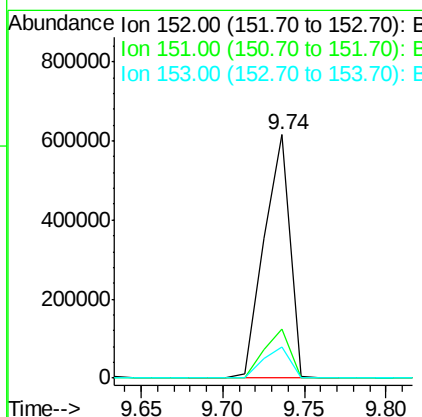
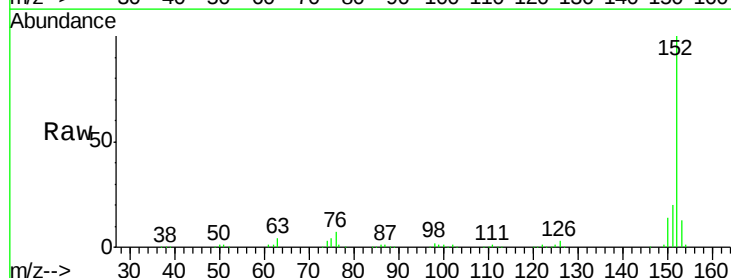
Instrument :
 BNA_F
 ClientSampleID :

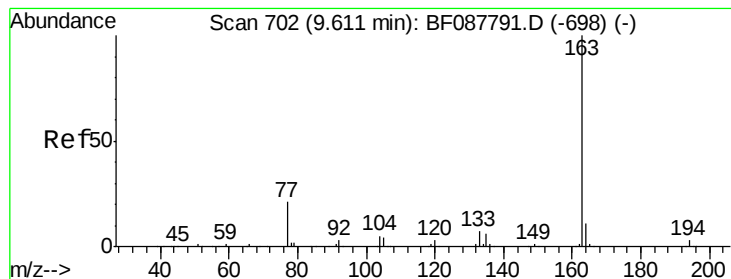
Tot Ion: 65 Resp: 133378
 Ion Ratio Lower Upper
 65 100
 92 79.7 54.6 82.0
 138 140.7 77.0 115.4#



#48
 Acenaphthylene
 Concen: 38.62 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion: 152 Resp: 674401
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4
 153 13.0 11.0 16.6





#49

Dimethylphthalate

Concen: 40.82 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

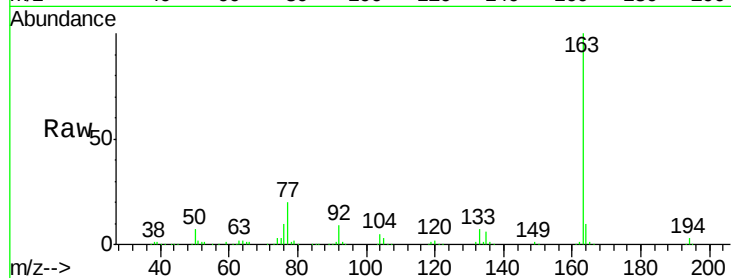
Tot Ion:163 Resp: 501575

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

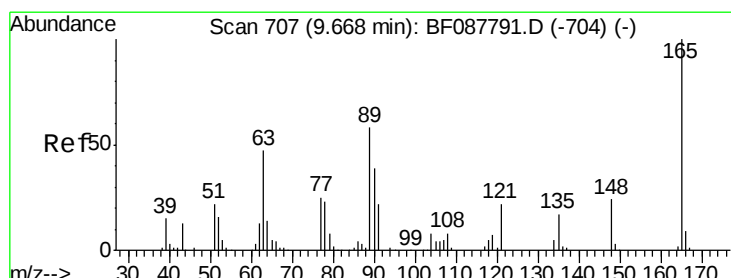
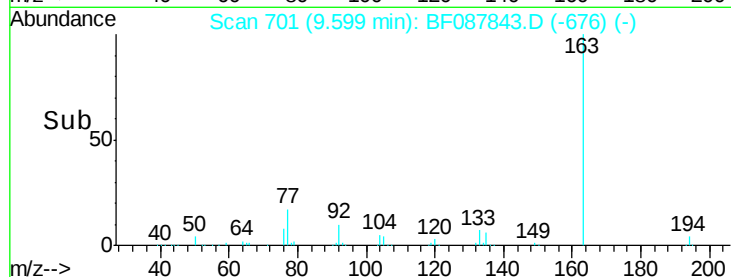
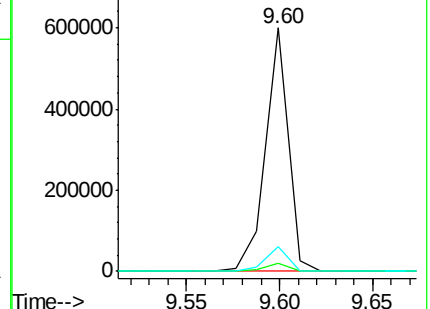
164 10.3 8.3 12.5



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: 35.21 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

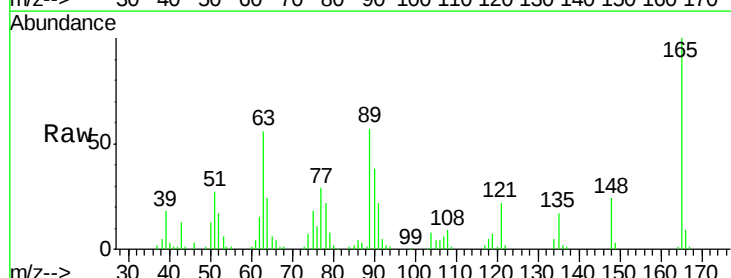
Tgt Ion:165 Resp: 99082

Ion Ratio Lower Upper

165 100

63 55.7 28.1 42.1#

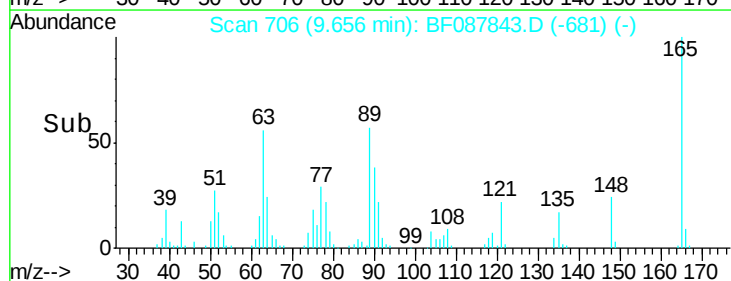
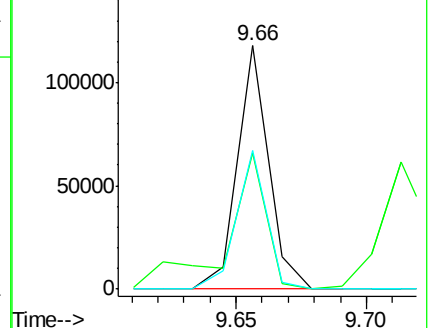
89 57.1 32.2 48.2#

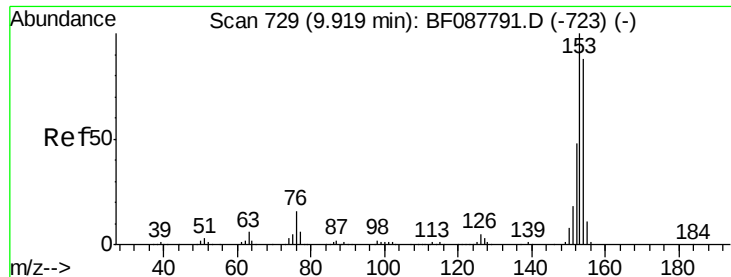


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.56 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

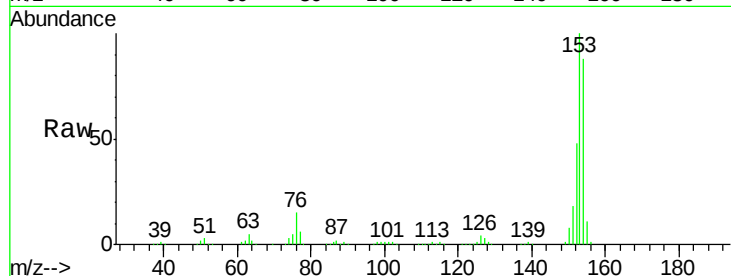
Tot Ion:154 Resp: 398182

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

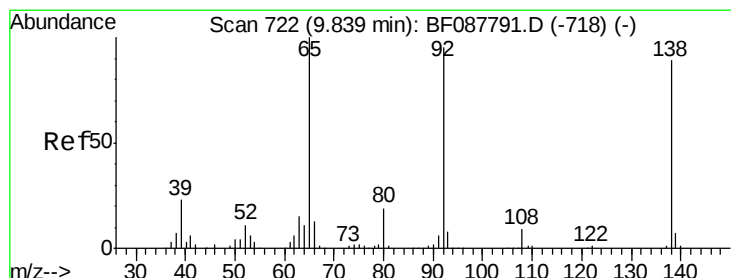
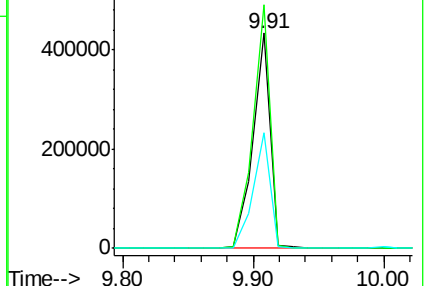
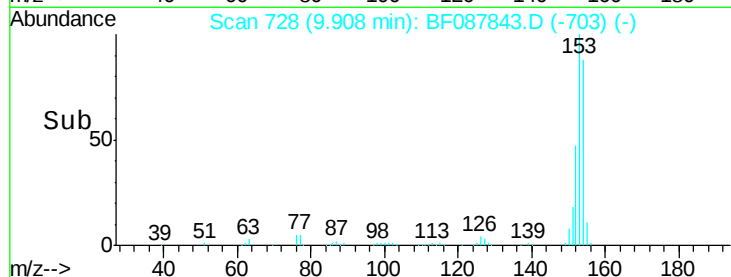
152 54.1 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.06 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

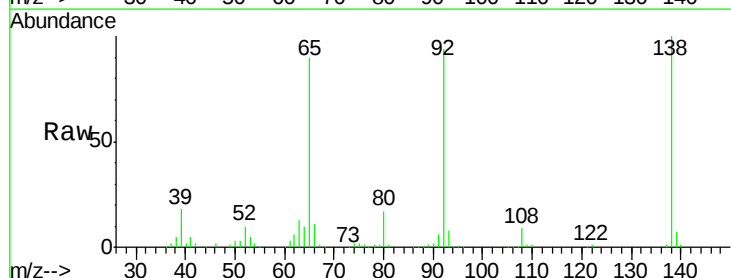
Tgt Ion:138 Resp: 139815

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

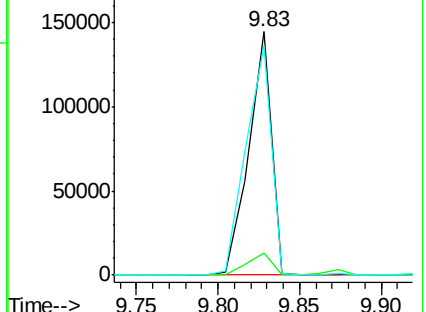
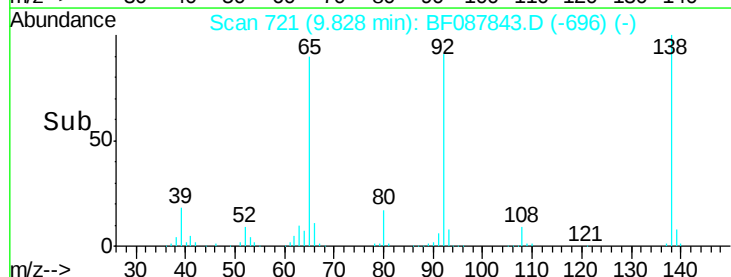
92 94.2 95.7 143.5#

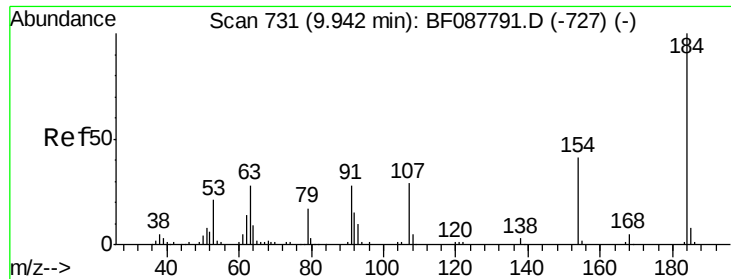


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

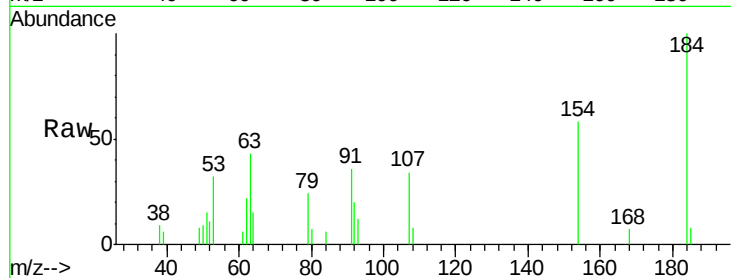




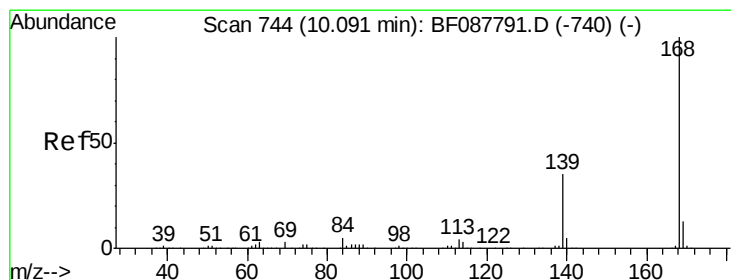
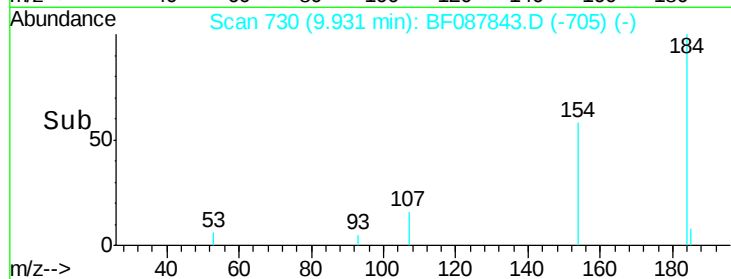
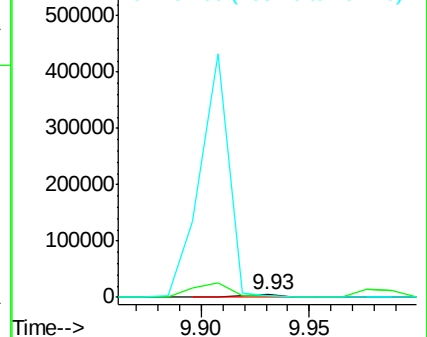
#53
 2,4-Dinitrophenol
 Concen: 7.26 na
 RT: 9.93 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 5330
 Ion Ratio Lower Upper
 184 100
 63 43.5 57.6 86.4#
 154 58.2 53.5 80.3

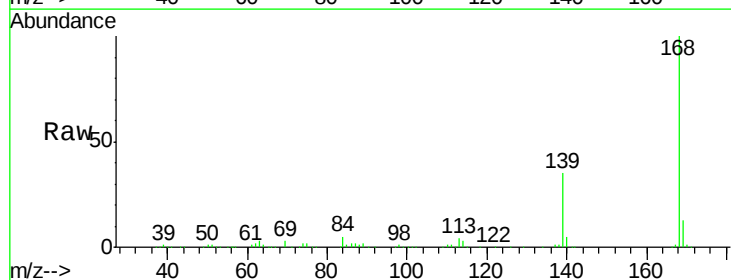


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

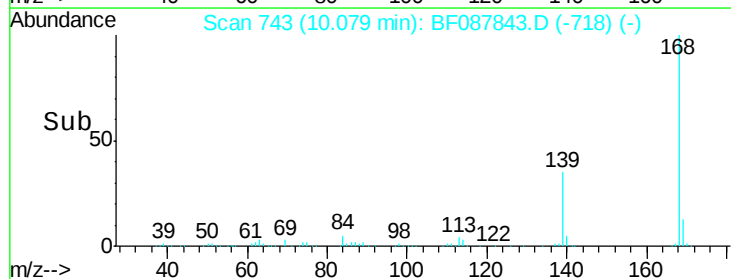
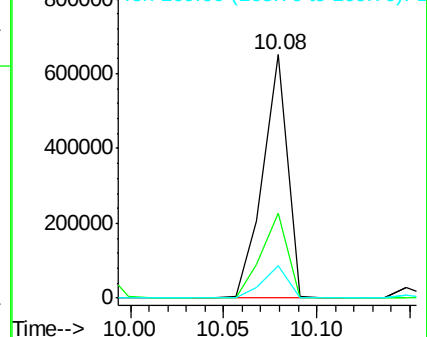


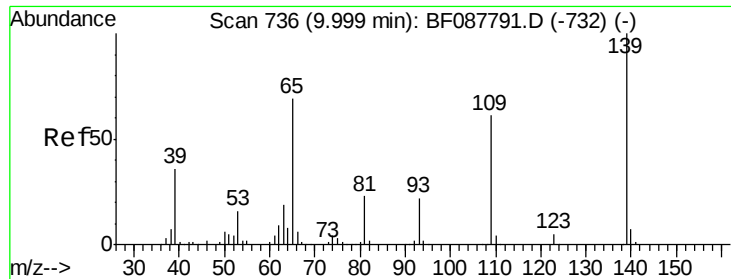
#54
 Dibenzofuran
 Concen: 39.58 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:168 Resp: 593782
 Ion Ratio Lower Upper
 168 100
 139 35.1 26.4 39.6
 169 13.5 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

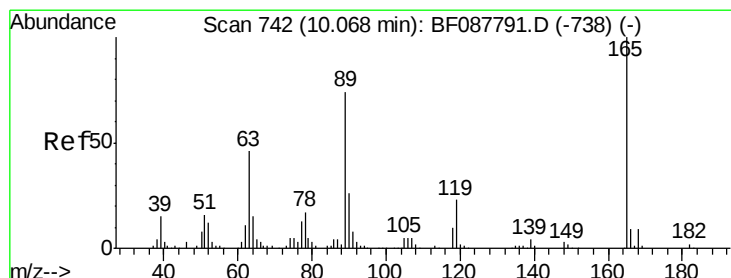
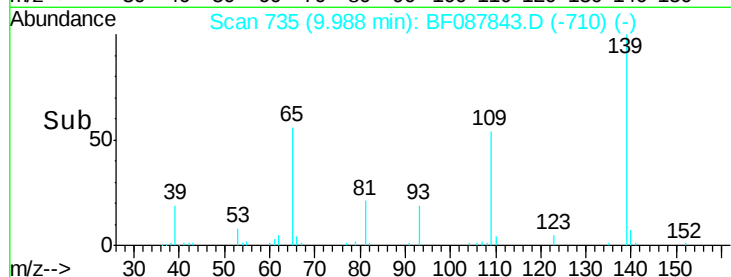
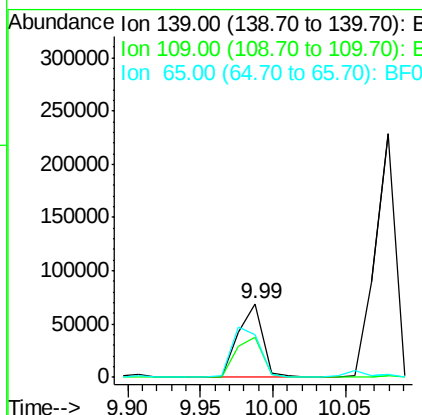
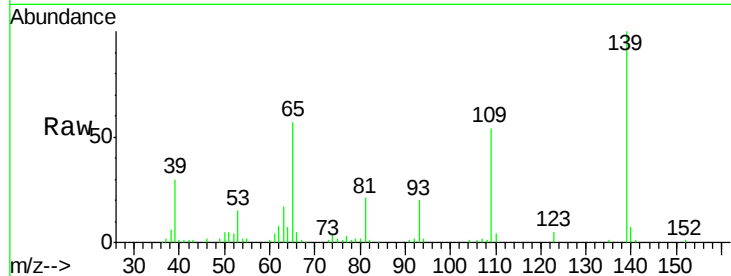




#55
4-Nitrophenol
Concen: 32.32 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

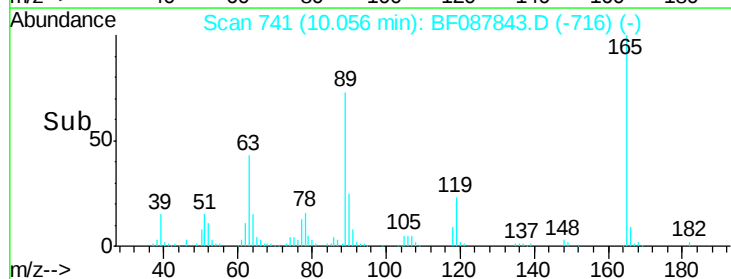
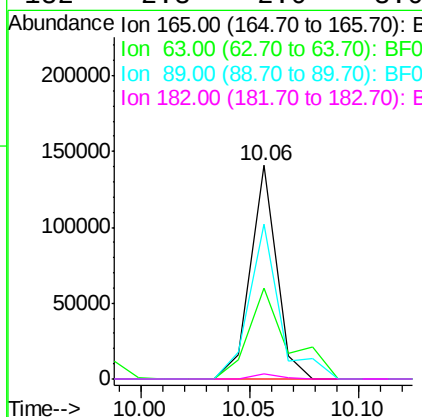
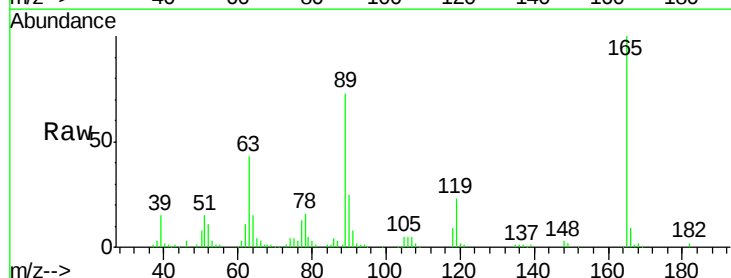
Instrument :
BNA_F
ClientSampled :

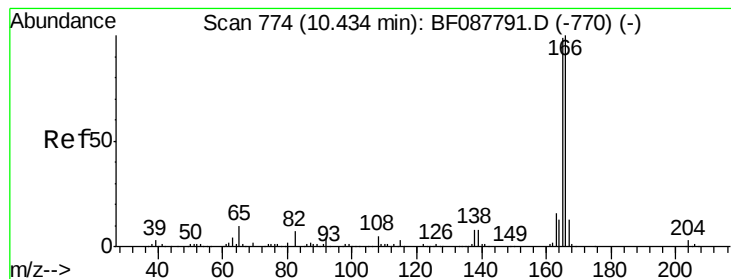
Tot Ion:139 Resp: 81453
Ion Ratio Lower Upper
139 100
109 54.1 48.9 88.9
65 57.5 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 32.63 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion:165 Resp: 118020
Ion Ratio Lower Upper
165 100
63 42.8 22.0 33.0#
89 72.7 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 42.48 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

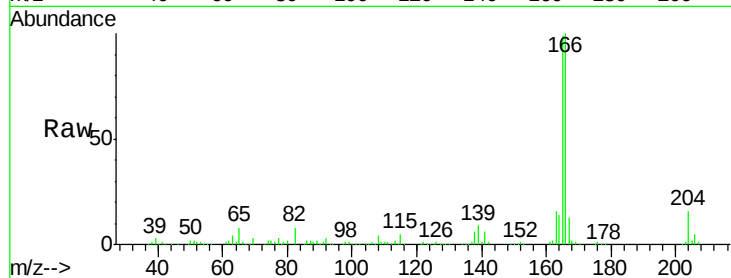
Tot Ion:166 Resp: 433377

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

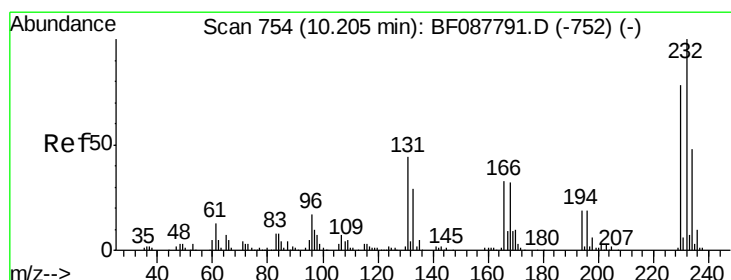
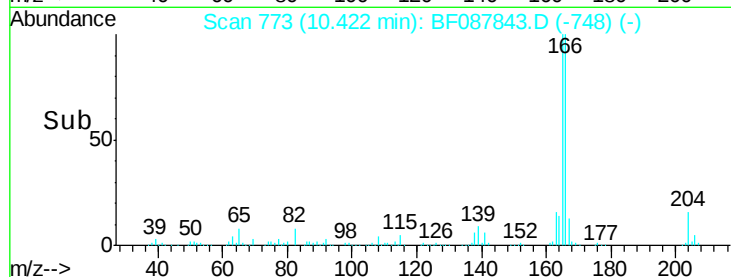
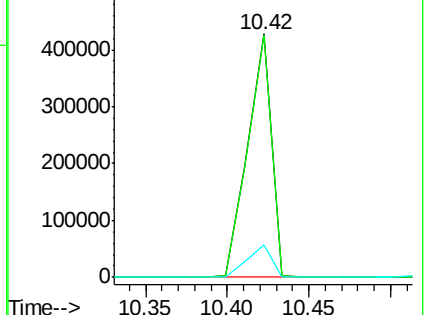
167 13.2 11.2 16.8



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: 34.26 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Tgt Ion:232 Resp: 95023

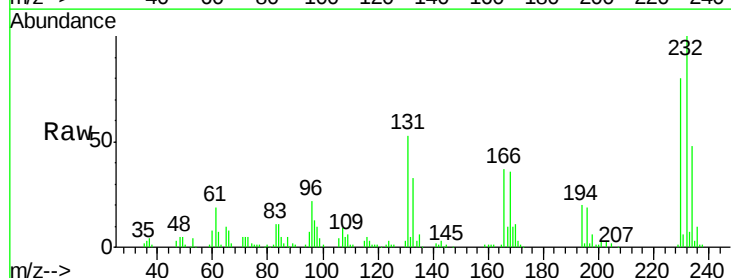
Ion Ratio Lower Upper

232 100

131 51.5 0.9 1.3#

130 2.5 1.5 2.3#

166 35.1 0.5 0.7#

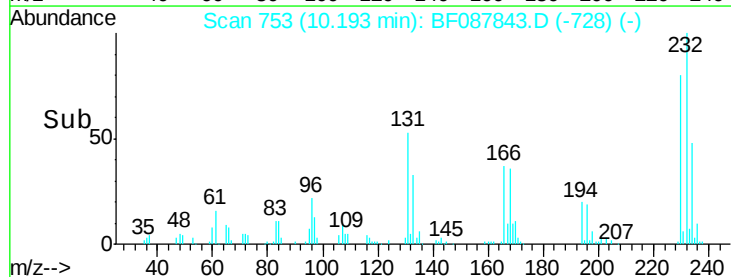
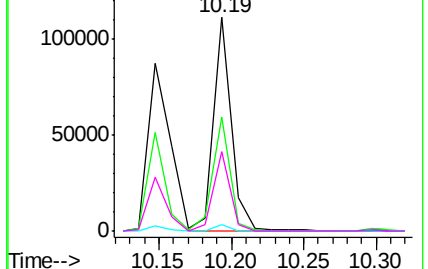


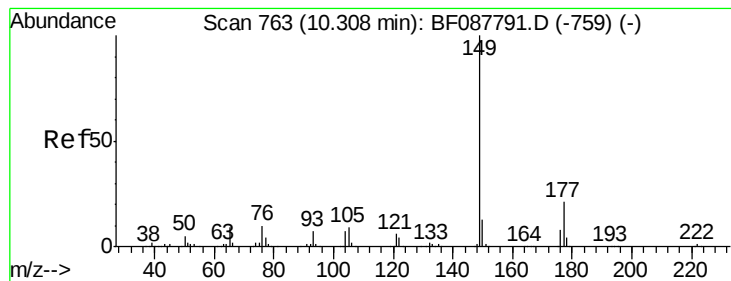
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.12 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

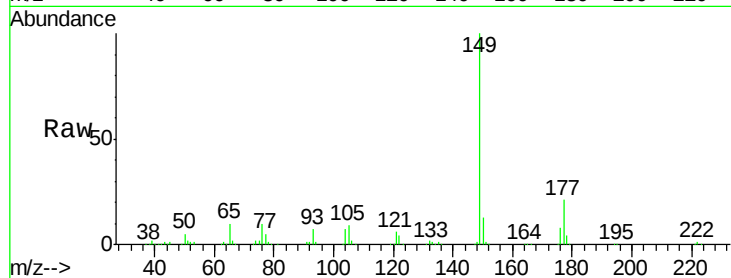
Tot Ion:149 Resp: 461661

Ion Ratio Lower Upper

149 100

177 20.5 16.9 25.3

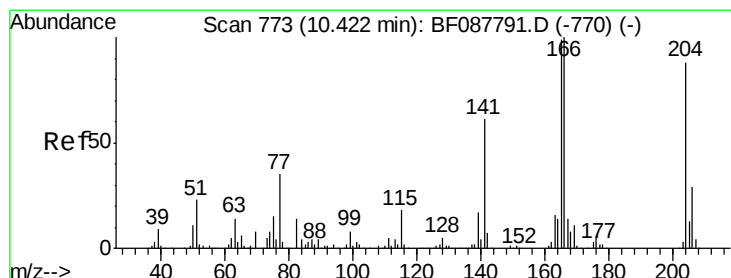
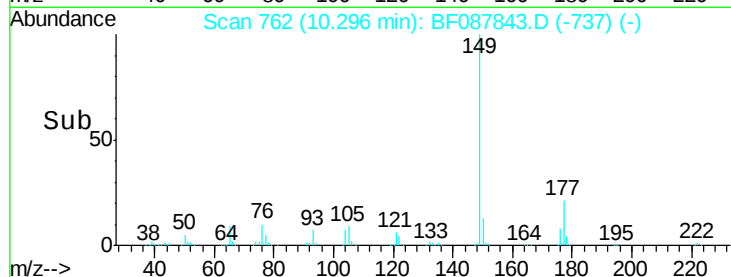
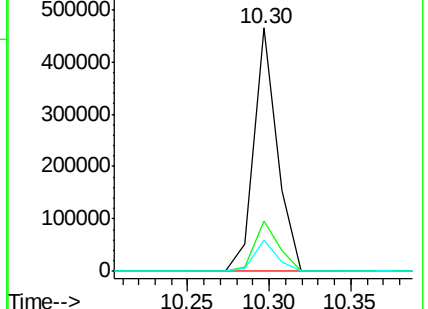
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.08 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

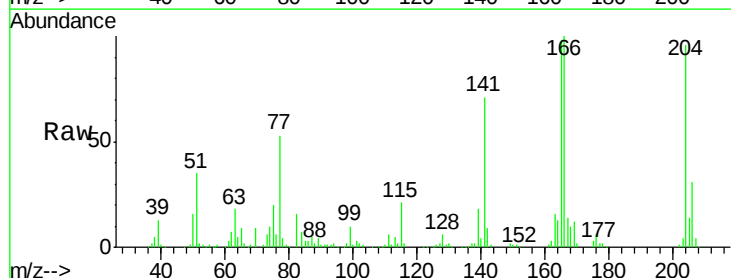
Tgt Ion:204 Resp: 179974

Ion Ratio Lower Upper

204 100

206 32.2 26.3 39.5

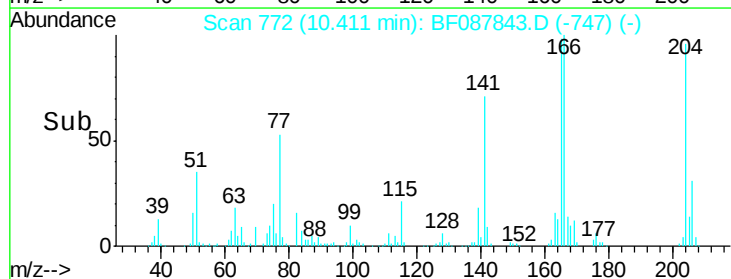
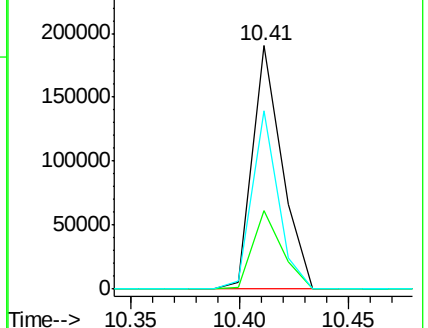
141 73.3 55.0 82.6

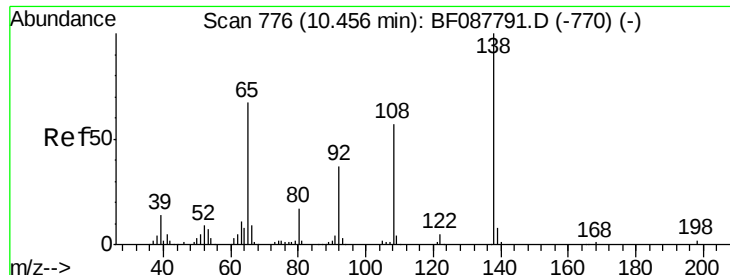


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

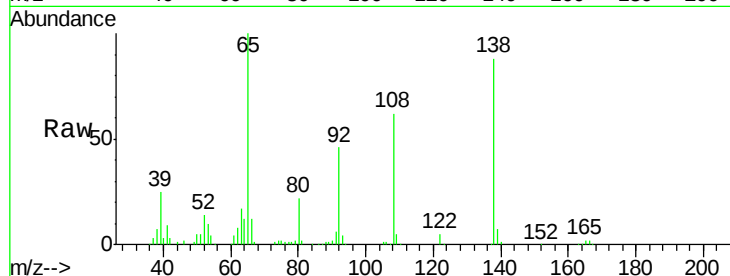




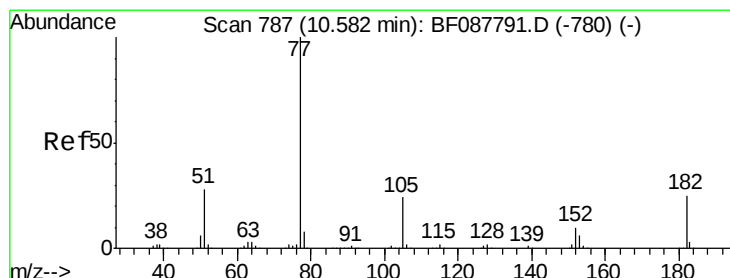
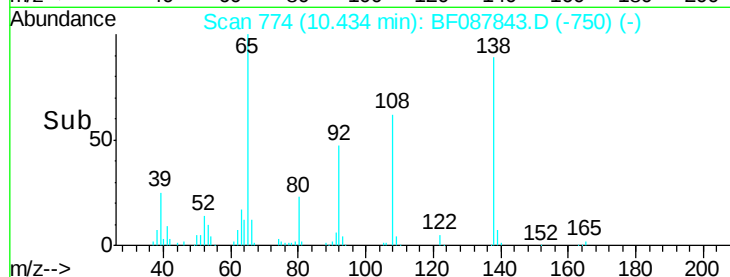
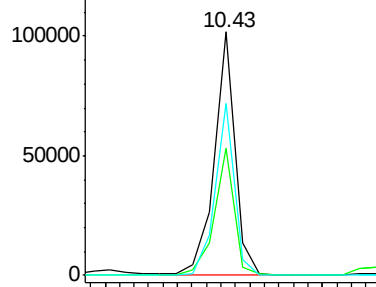
#61
4-Nitroaniline
Concen: 32.88 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101260
Ion Ratio Lower Upper
138 100
92 52.5 27.3 67.3
108 70.7 46.7 86.7

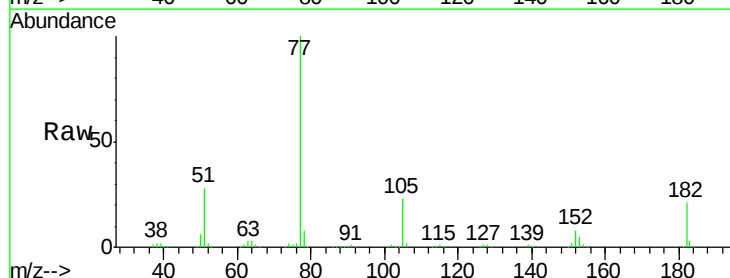


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

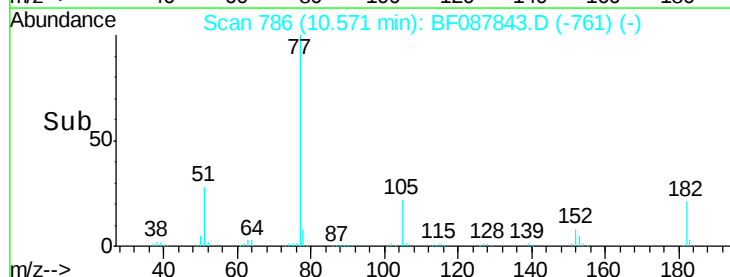
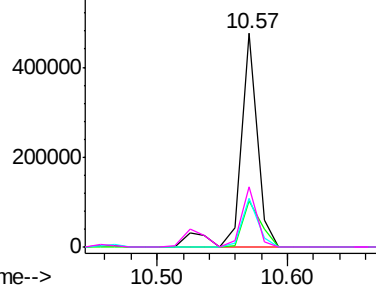


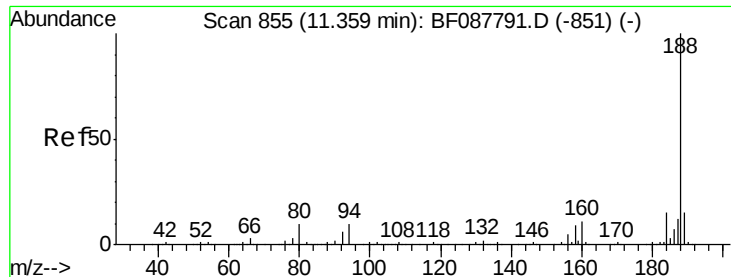
#62
Azobenzene
Concen: 35.45 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion: 77 Resp: 435981
Ion Ratio Lower Upper
77 100
182 21.3 4.4 44.4
105 23.0 3.8 43.8
51 28.1 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

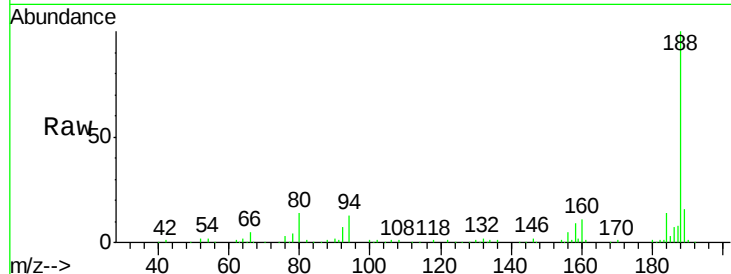




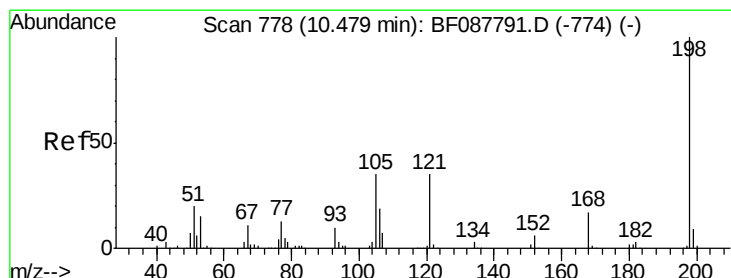
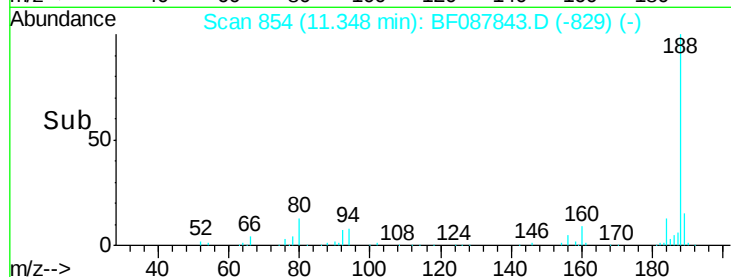
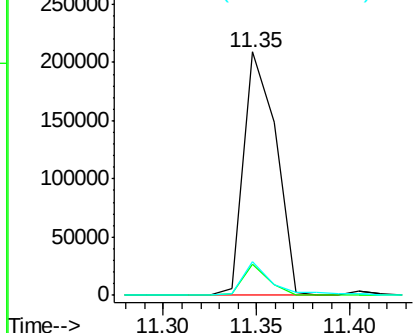
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 251294
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.0 13.6
 80 14.0 10.0 15.0

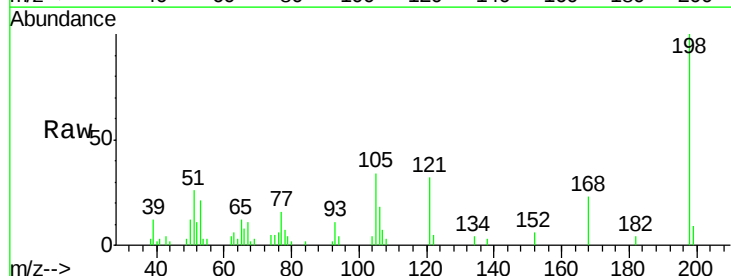


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

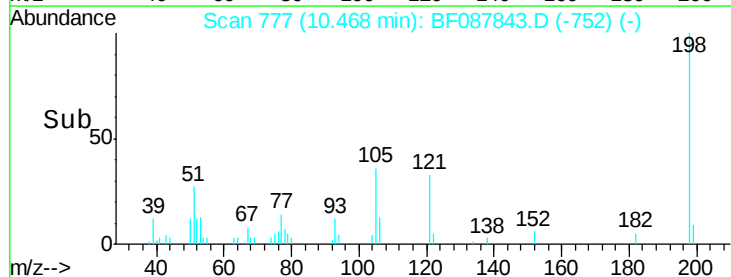
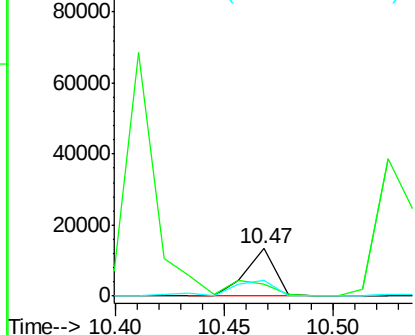


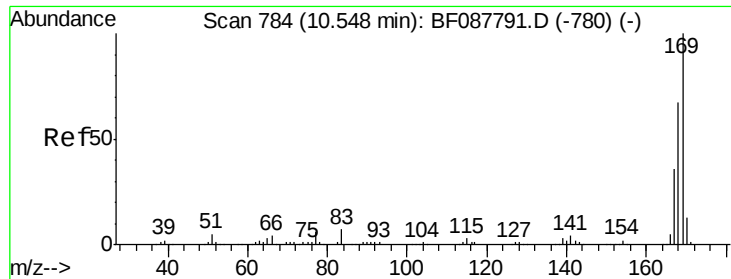
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.91 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:198 Resp: 12725
 Ion Ratio Lower Upper
 198 100
 51 26.0 39.6 79.6#
 105 34.2 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

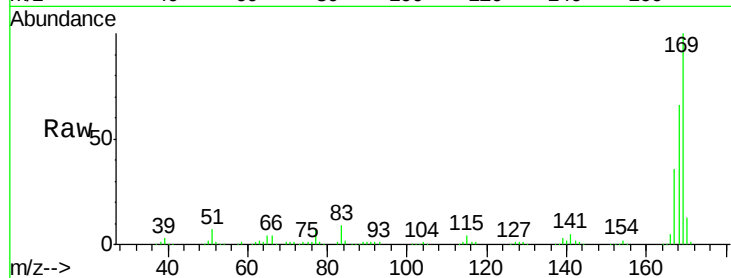




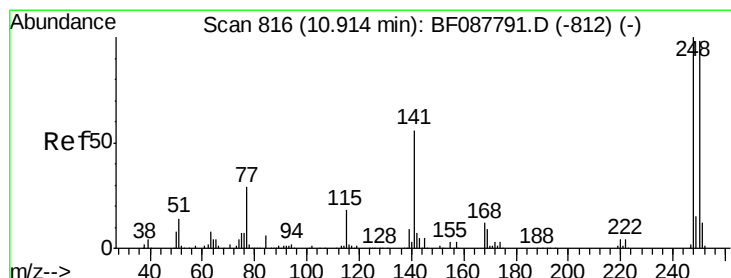
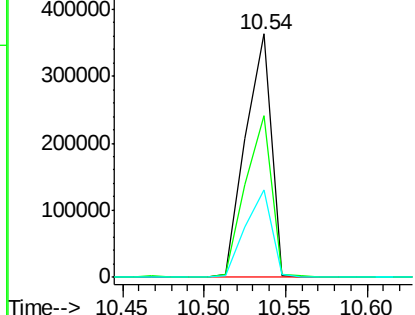
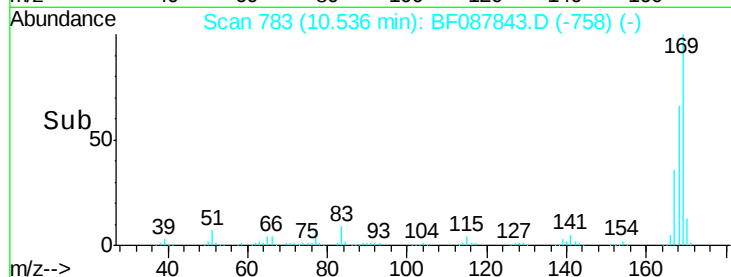
#65
 n-Nitrosodiphenylamine
 Concen: 47.51 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	396146
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.4	80.0
167	36.0	29.4	44.0

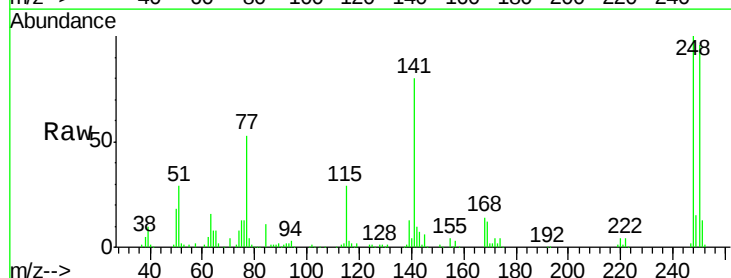


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

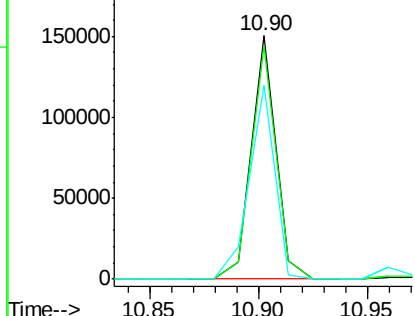
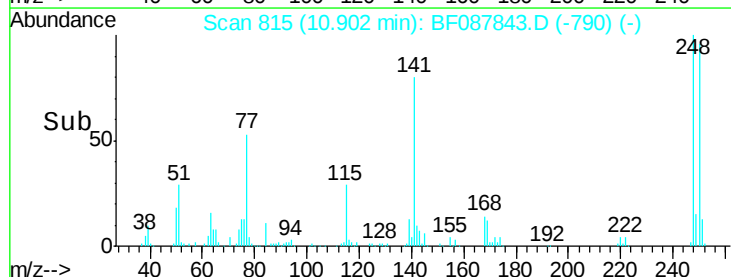


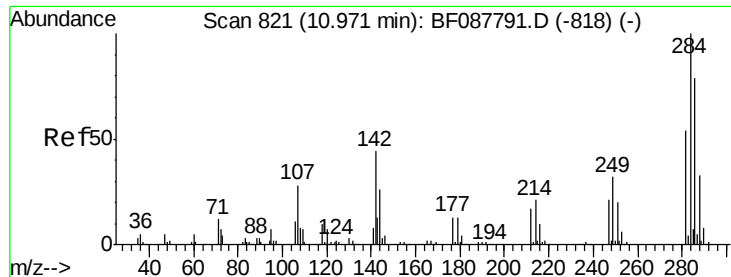
#66
 4-Bromophenyl-phenylether
 Concen: 43.79 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion	248	Resp	118057
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.1	115.7
141	79.8	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

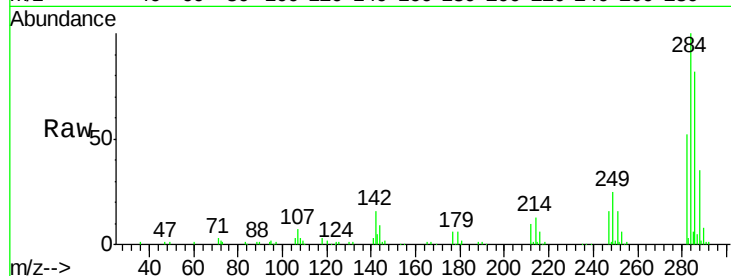




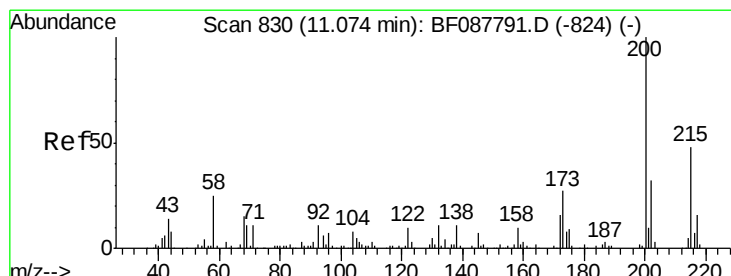
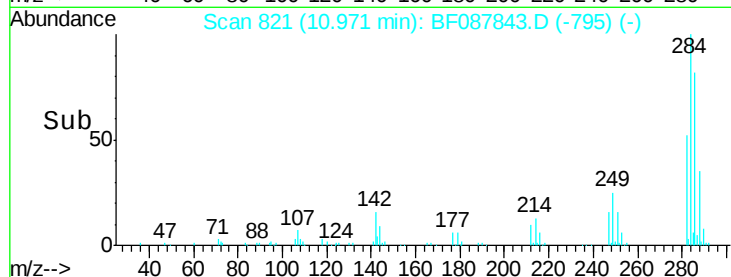
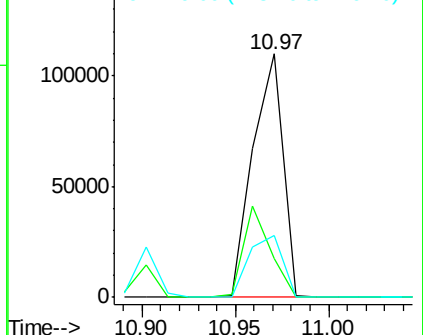
#67
Hexachlorobenzene
Concen: 43.67 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 122340
Ion Ratio Lower Upper
284 100
142 16.0 35.8 53.8#
249 25.4 25.8 38.6#

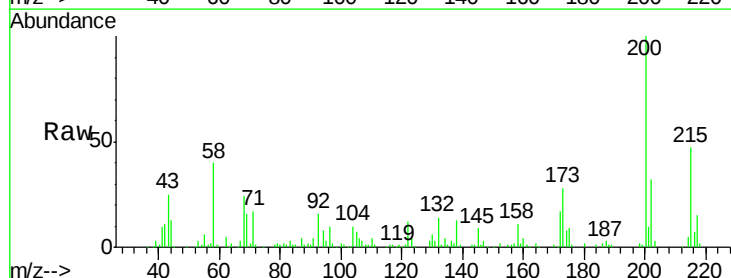


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

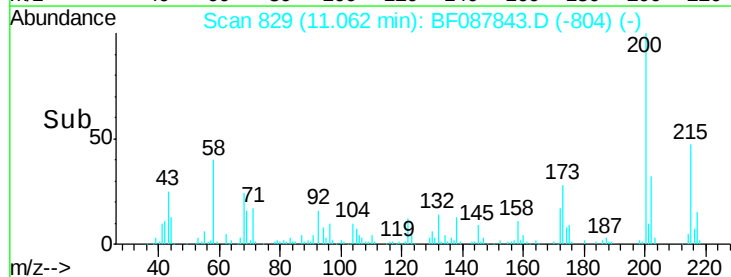
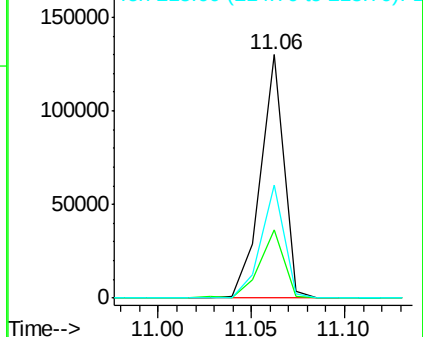


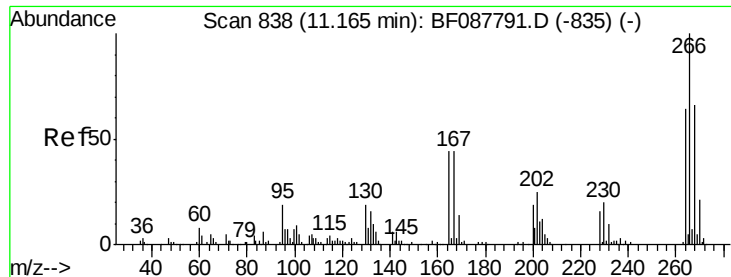
#68
Atrazine
Concen: 44.24 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion:200 Resp: 111707
Ion Ratio Lower Upper
200 100
173 28.3 4.0 44.0
215 46.7 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

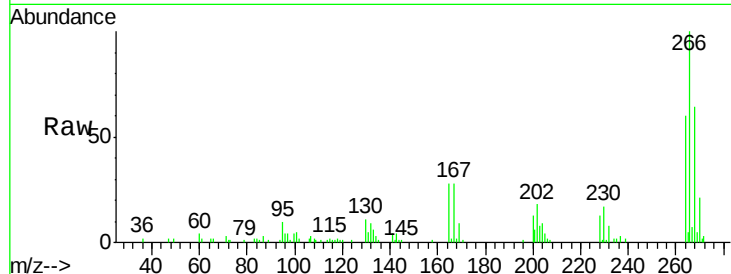




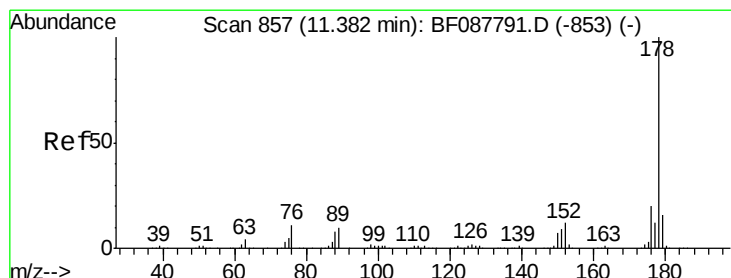
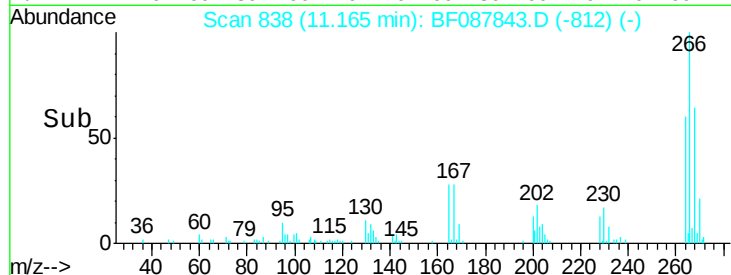
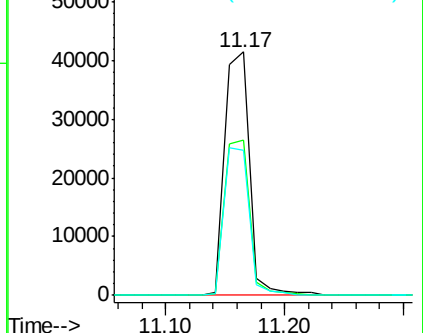
#69
 Pentachlorophenol
 Concen: 40.45 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 59723
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.8 79.2
 264 59.7 49.6 74.4

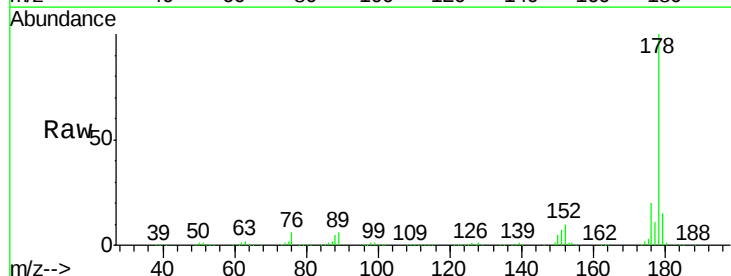


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

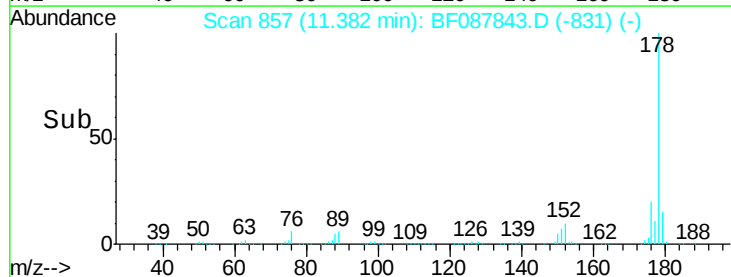
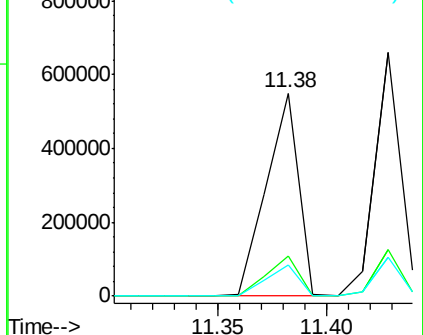


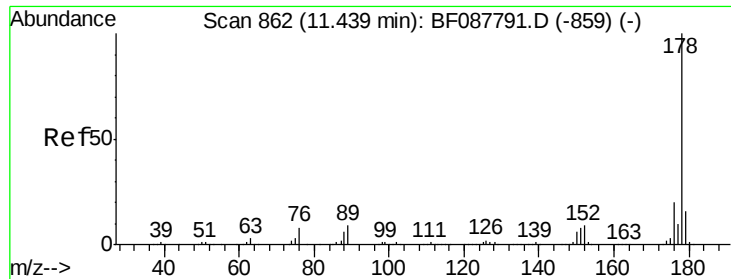
#70
 Phenanthrene
 Concen: 43.40 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:178 Resp: 572297
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.3 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

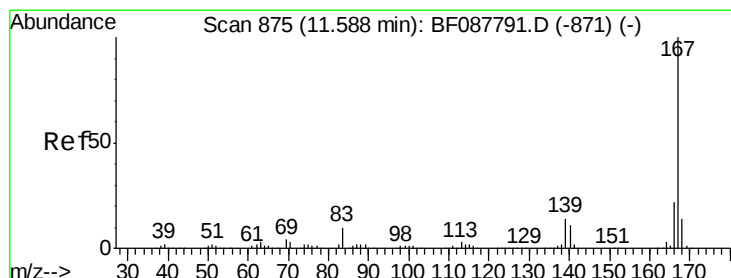
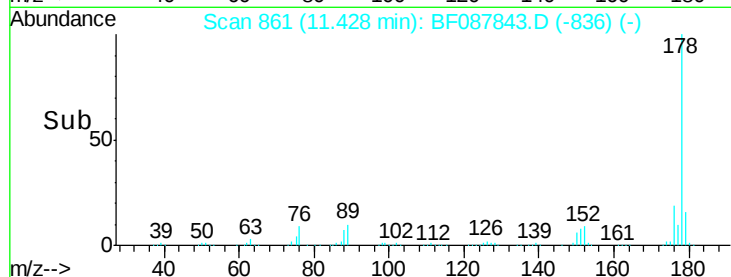
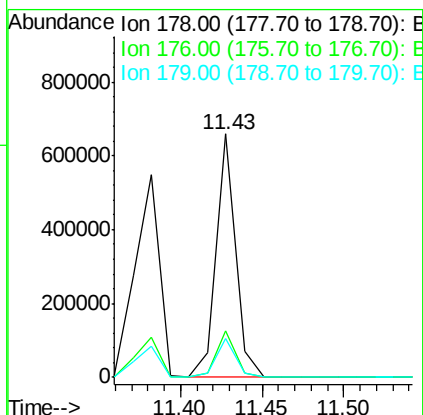
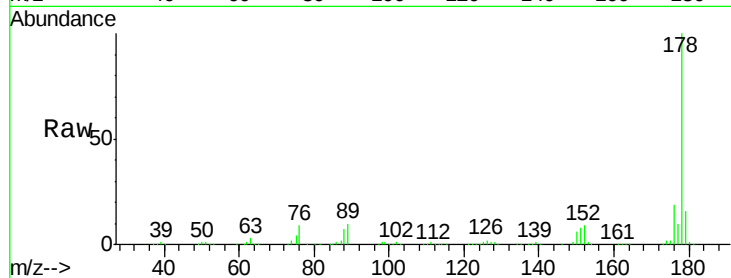




#71
 Anthracene
 Concen: 41.22 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

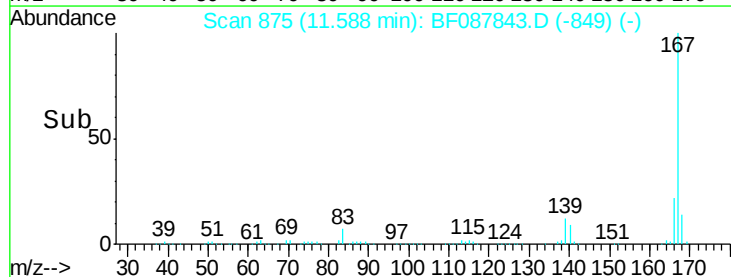
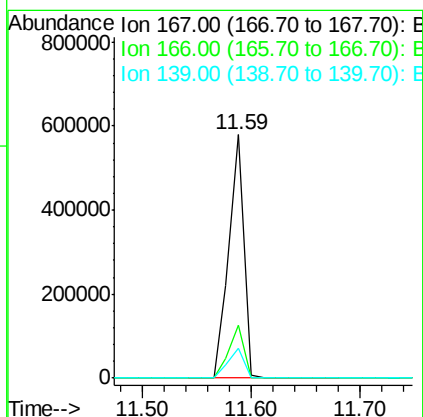
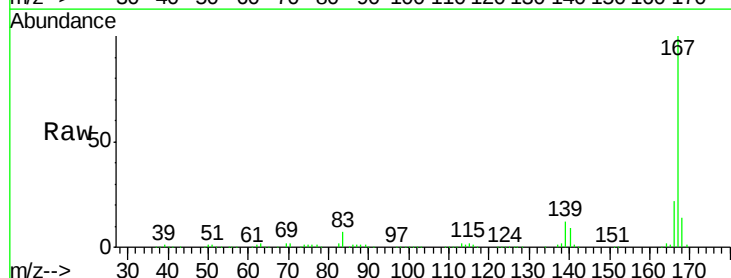
Instrument :
 BNA_F
 ClientSampleId :

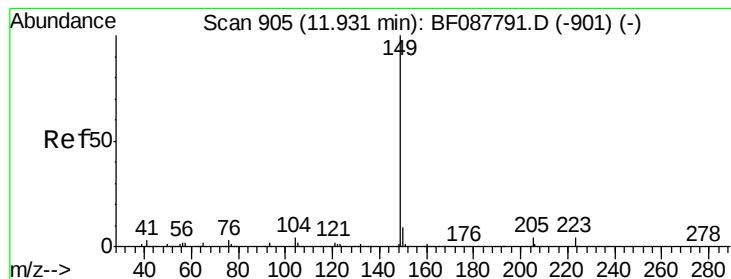
Tot Ion:178 Resp: 548344
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.8 12.8 19.2



#72
 Carbazole
 Concen: 44.76 ng
 RT: 11.59 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:167 Resp: 557164
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.3 11.2 16.8





#73

Di-n-butylphthalate

Concen: 41.30 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

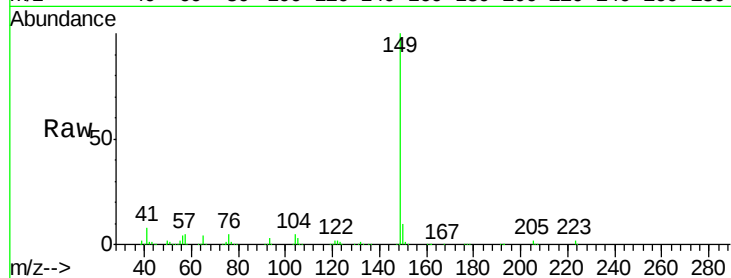
Tot Ion:149 Resp: 650749

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

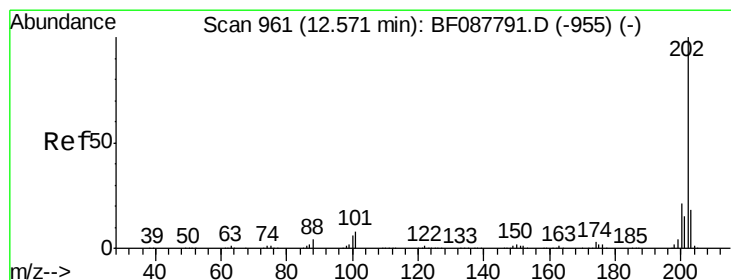
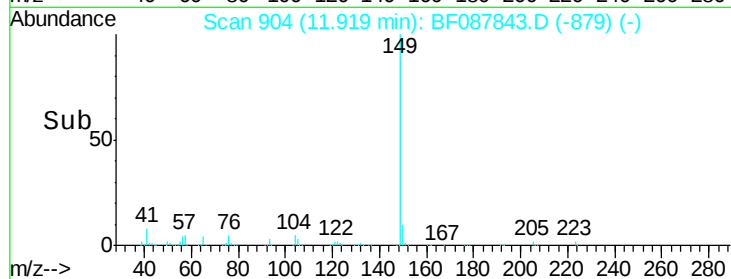
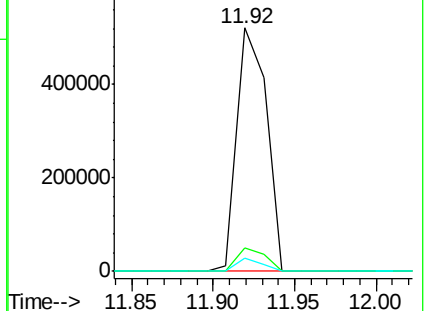
104 5.2 4.0 6.0



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: 38.08 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

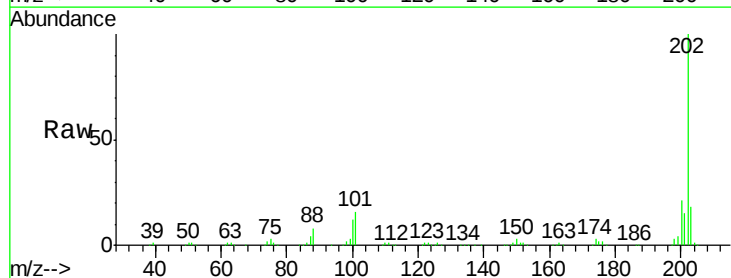
Tgt Ion:202 Resp: 529970

Ion Ratio Lower Upper

202 100

101 15.6 0.0 33.1

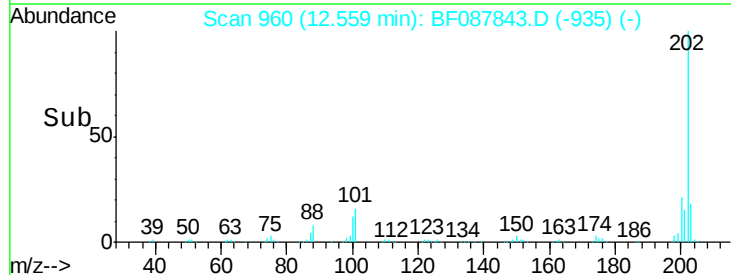
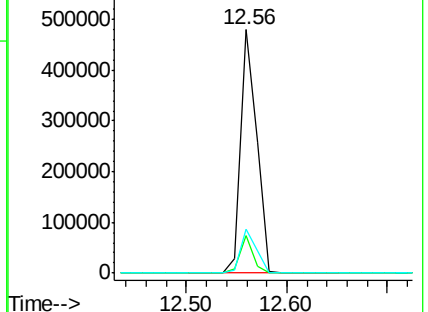
203 18.0 0.0 38.1

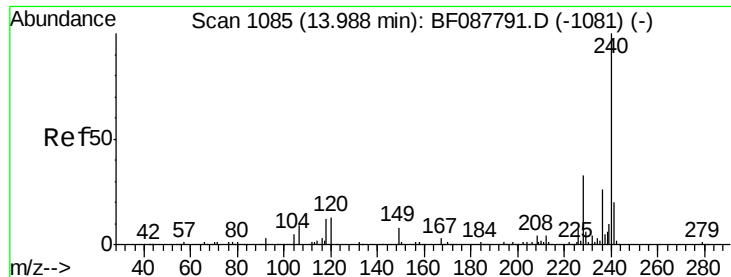


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

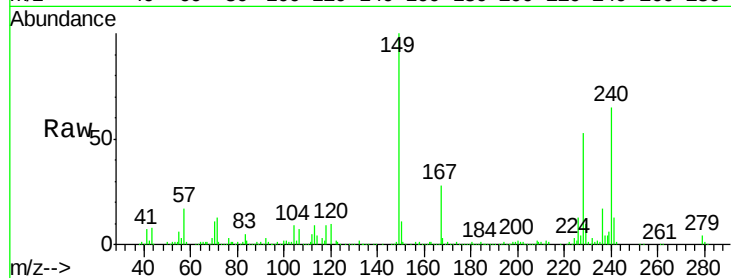
Tot Ion:240 Resp: 203963

Ion Ratio Lower Upper

240 100

120 15.9 6.8 10.2#

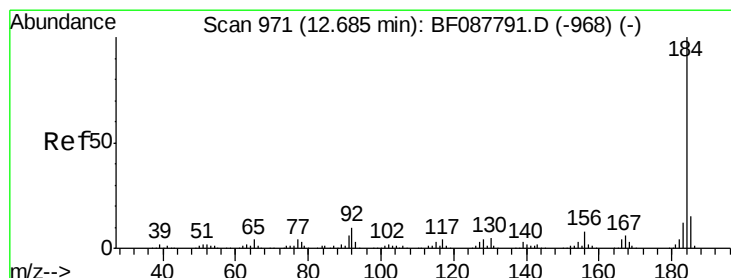
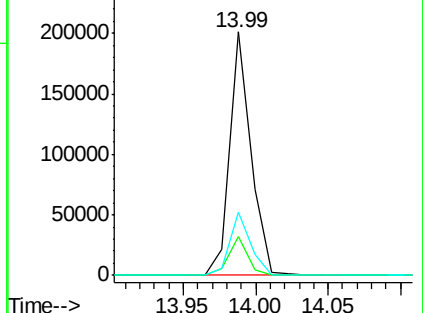
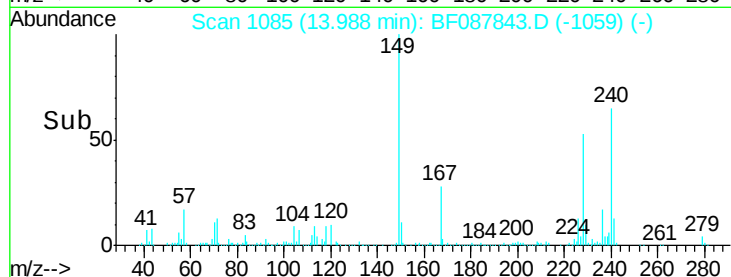
236 26.2 20.2 30.2



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: 11.68 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

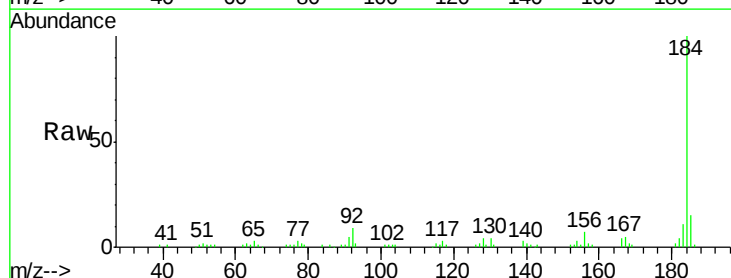
Tgt Ion:184 Resp: 65976

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

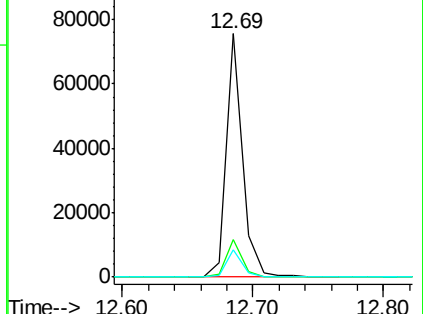
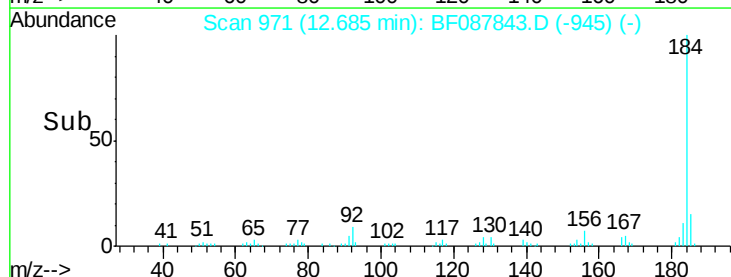
183 11.2 9.3 13.9

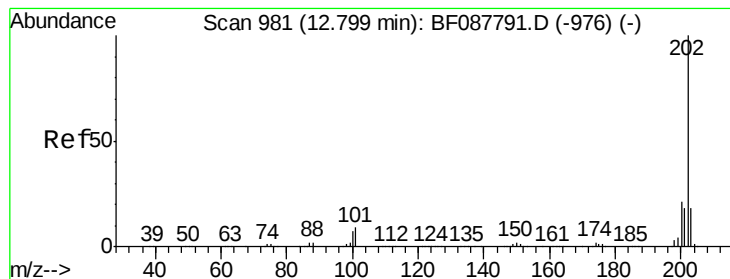


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.51 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

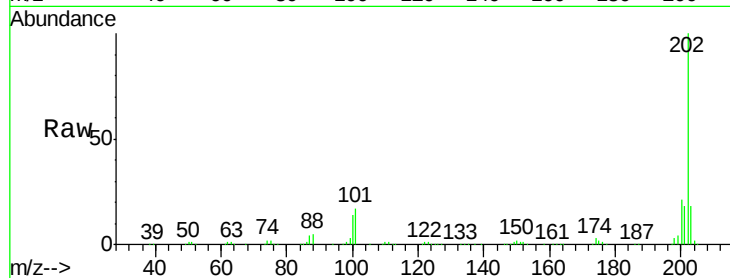
Tot Ion:202 Resp: 552654

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

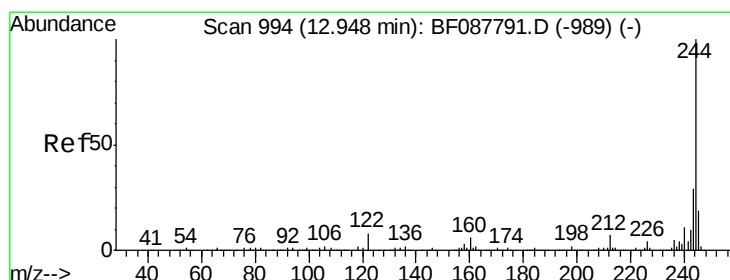
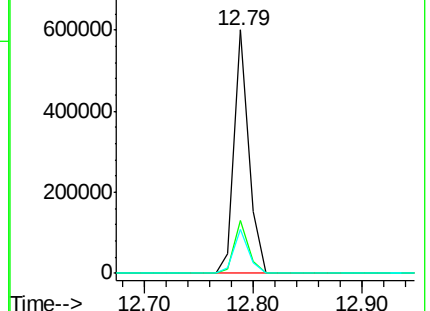
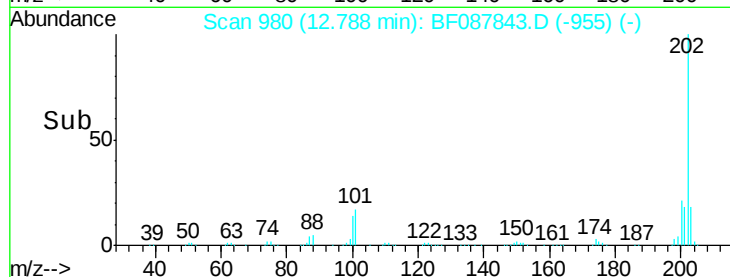
203 17.8 14.5 21.7



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: 73.79 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

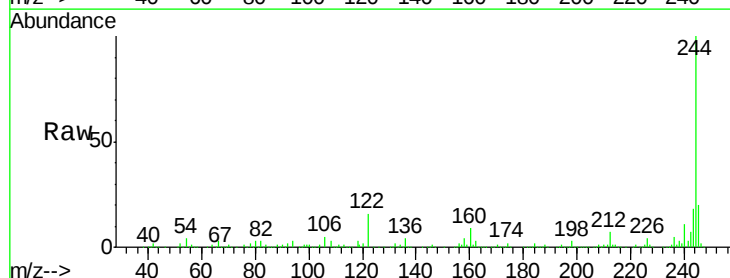
Tgt Ion:244 Resp: 661416

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

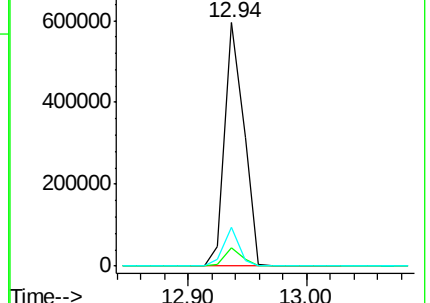
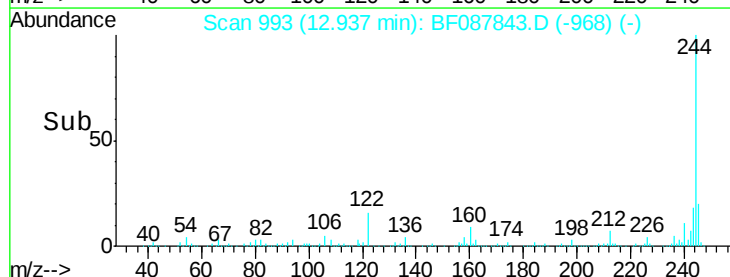
122 16.1 11.2 16.8

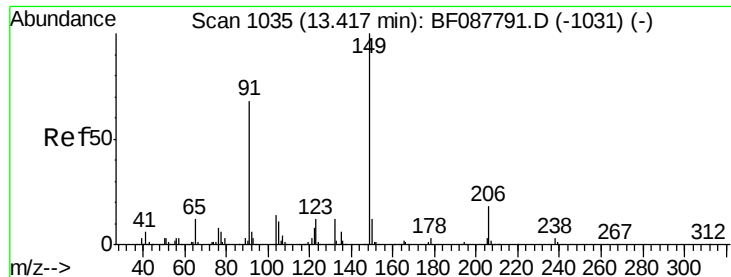


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

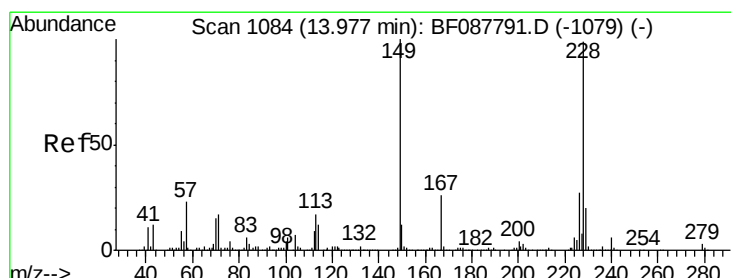
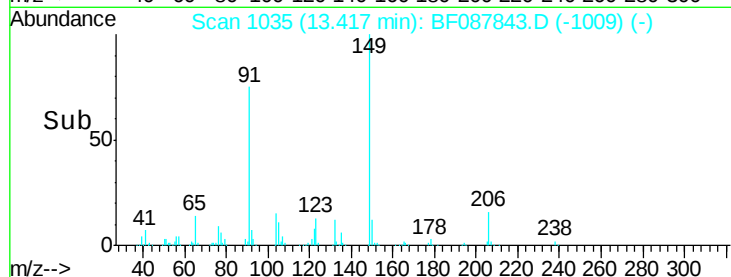
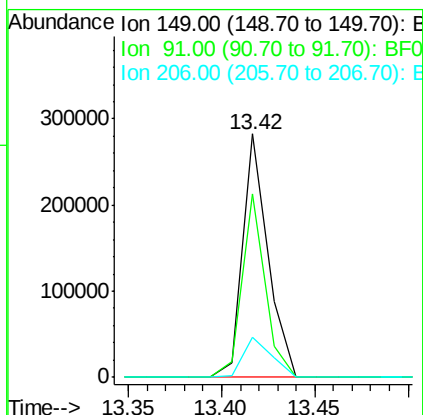
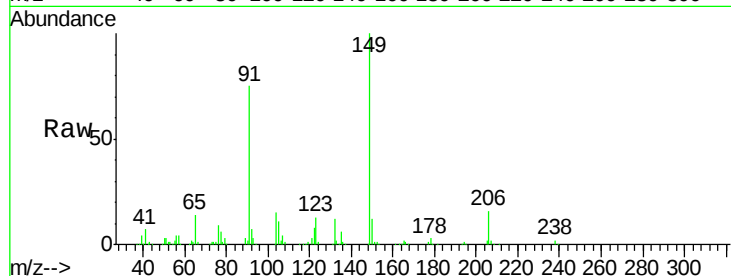




#79
Butylbenzylphthalate
Concen: 39.78 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

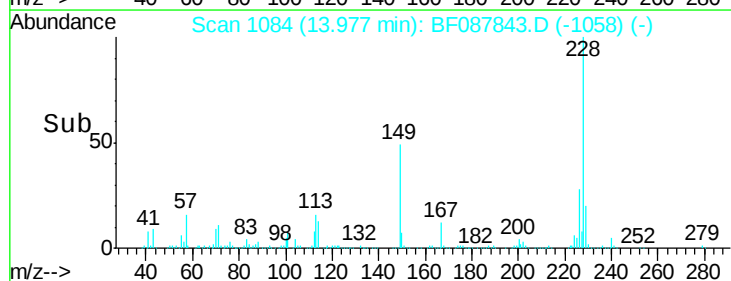
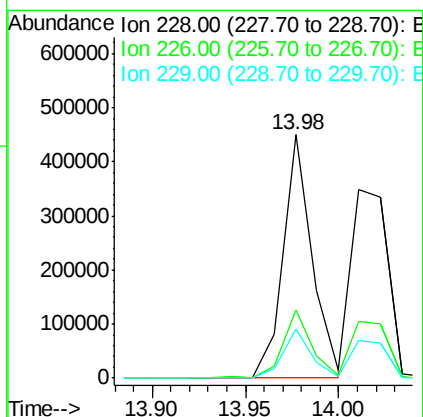
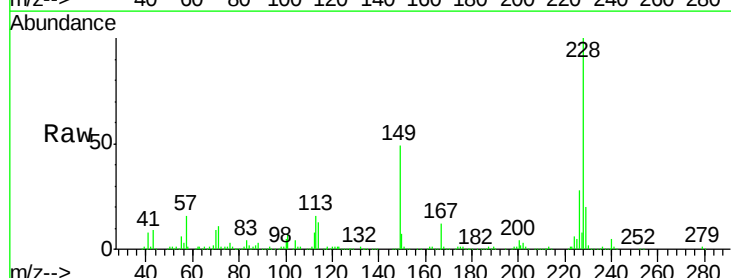
Instrument :
BNA_F
ClientSampleId :

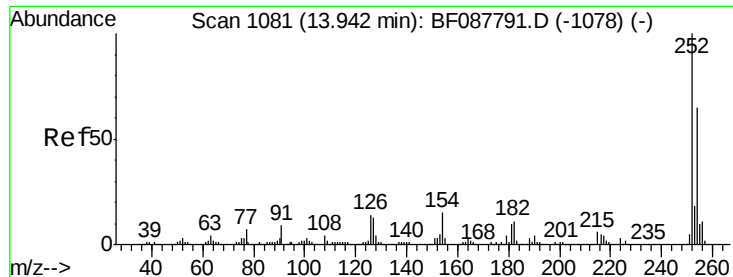
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.3	48.0	72.0#
206	16.4	16.0	24.0



#80
Benzo(a)anthracene
Concen: 41.96 ng
RT: 13.98 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.3	16.0	24.0

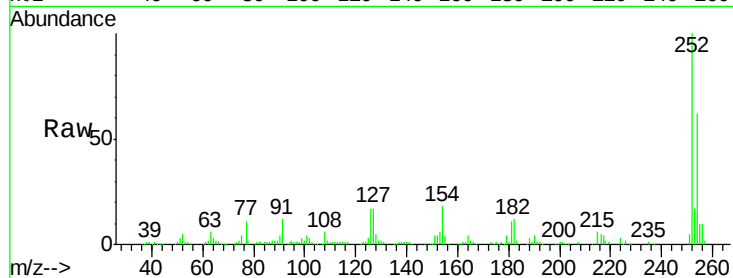




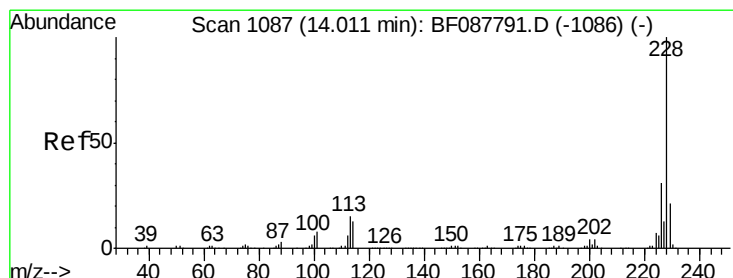
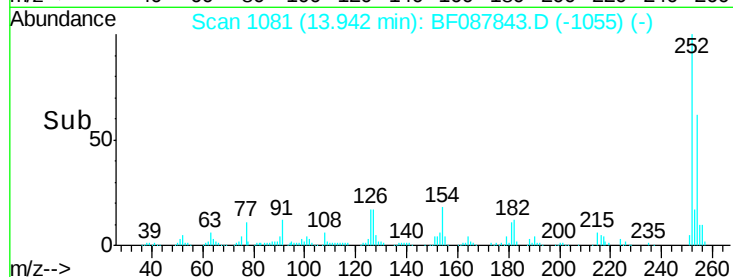
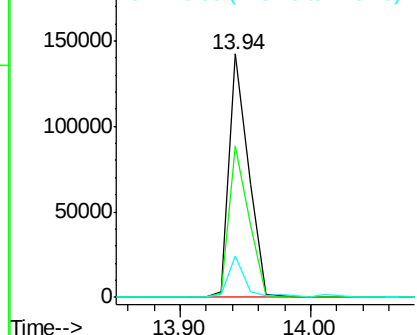
#81
 3,3'-Dichlorobenzidine
 Concen: 47.27 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 147748
 Ion Ratio Lower Upper
 252 100
 254 62.1 52.6 78.8
 126 17.1 6.2 9.2#

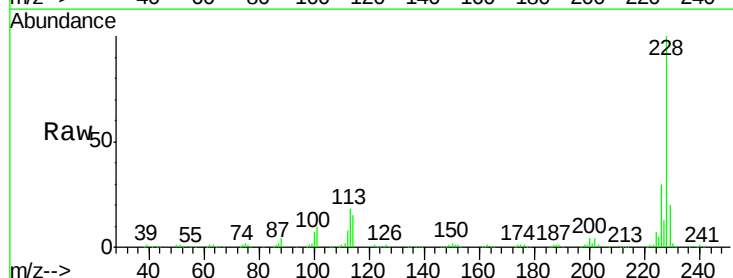


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

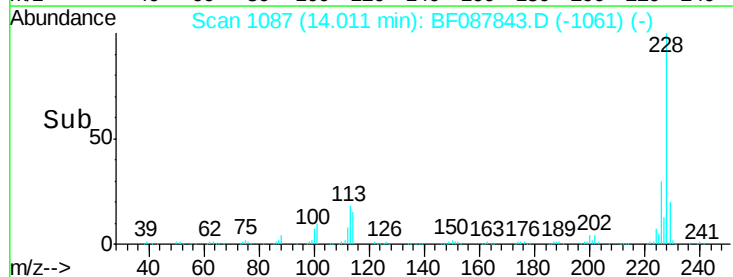
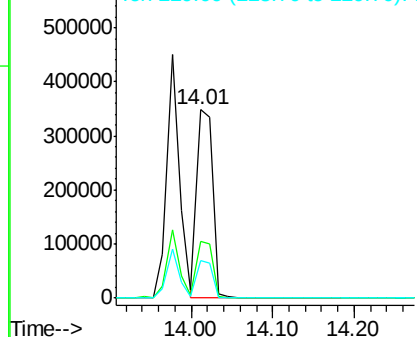


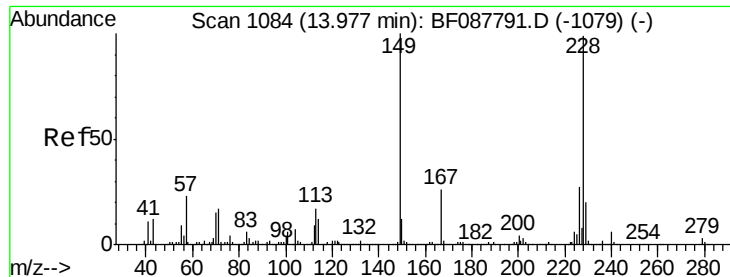
#82
 Chrysene
 Concen: 43.88 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:228 Resp: 479825
 Ion Ratio Lower Upper
 228 100
 226 30.1 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

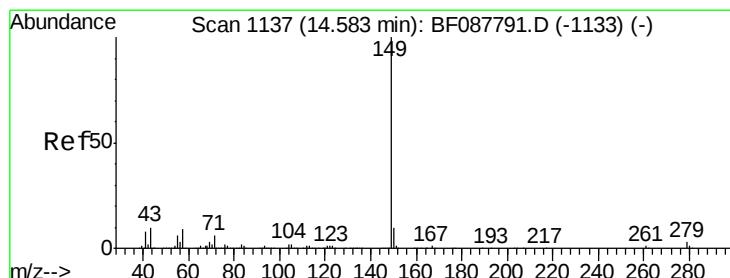
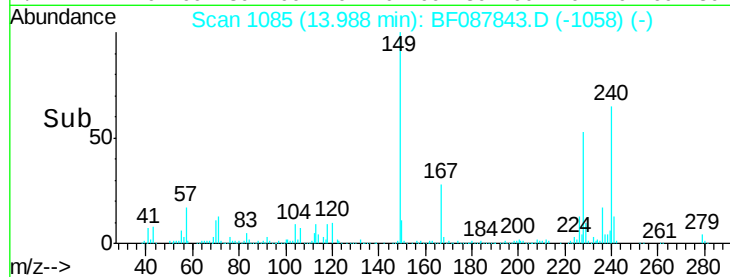
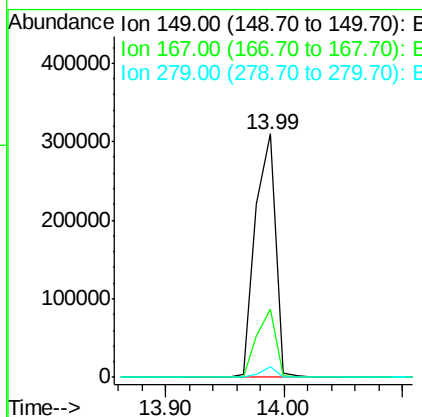
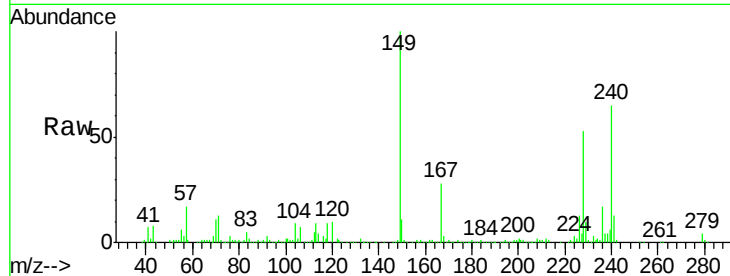




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.80 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

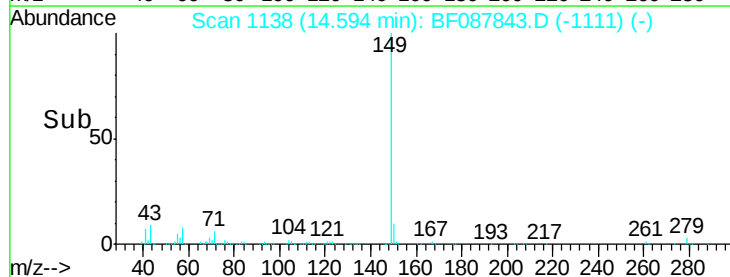
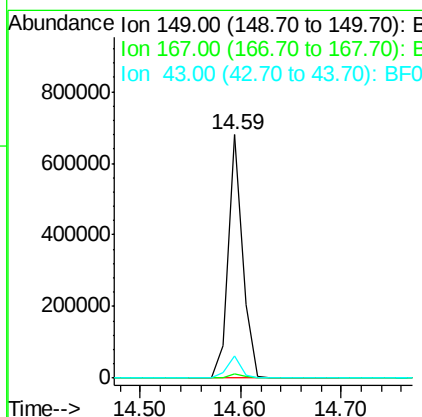
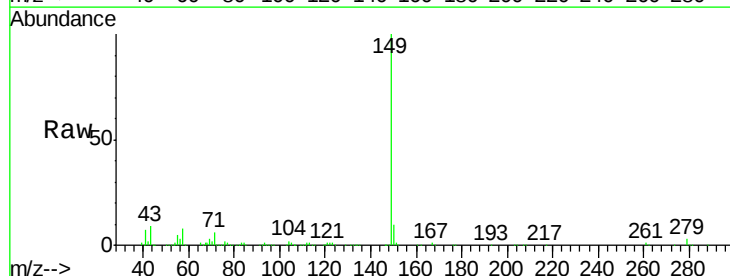
Instrument :
 BNA_F
 ClientSampleId :

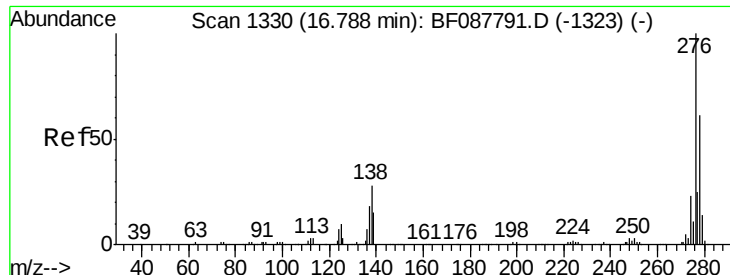
Tot Ion:149 Resp: 373091
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.5 30.7
 279 4.5 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 51.07 ng
 RT: 14.59 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:149 Resp: 675939
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.8 0.0 0.0#

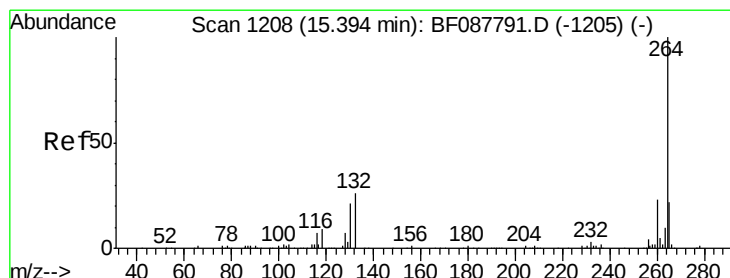
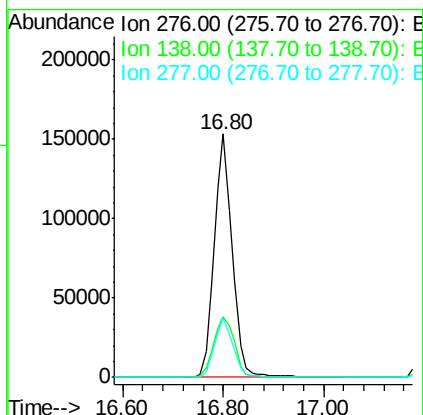
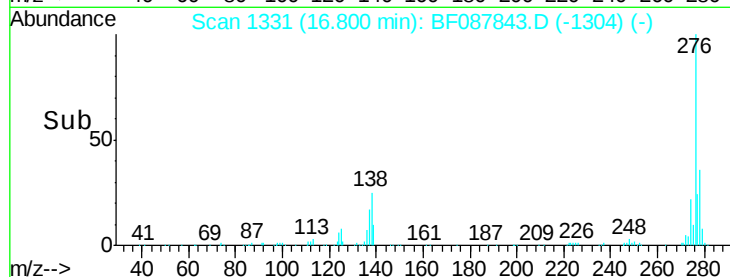
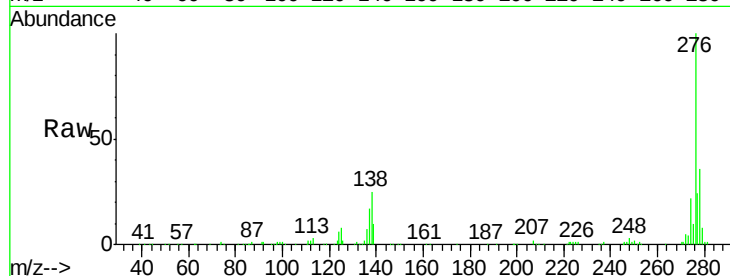




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.57 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

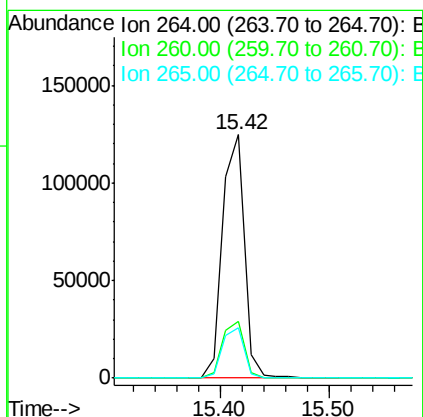
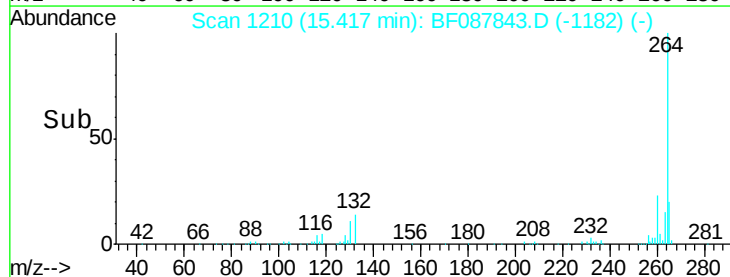
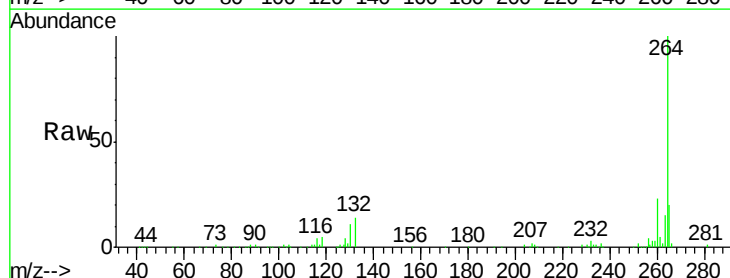
Instrument :
 BNA_F
 ClientSampleId :

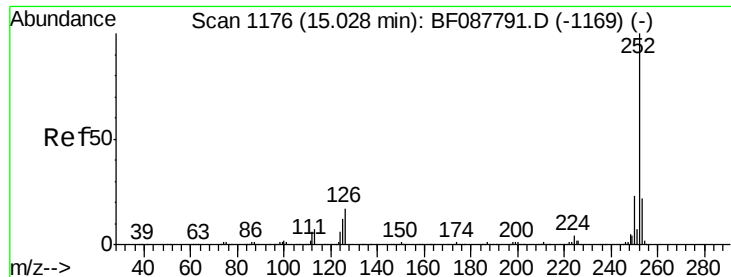
Tot Ion:276 Resp: 381703
 Ion Ratio Lower Upper
 276 100
 138 28.8 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Tgt Ion:264 Resp: 174366
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.5 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 68.21 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

Instrument :

BNA_F

ClientSampleId :

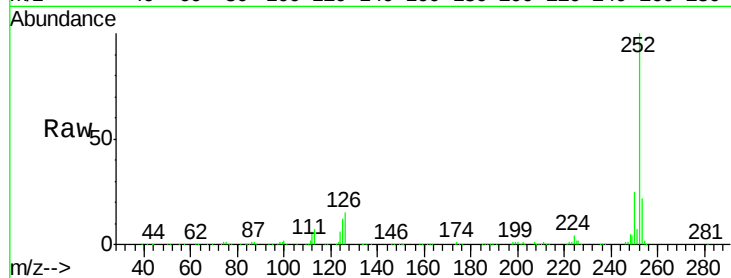
Tot Ion:252 Resp: 828987

Ion Ratio Lower Upper

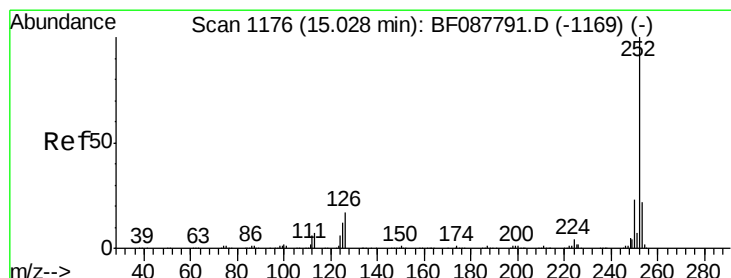
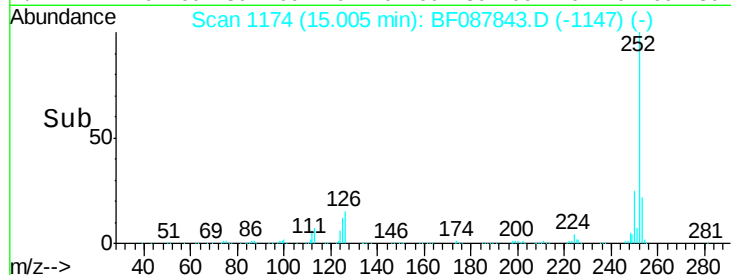
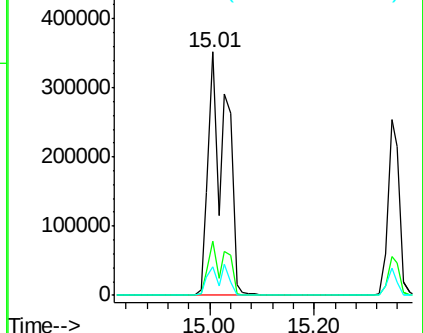
252 100

253 22.3 17.4 26.2

125 11.7 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 90.43 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF087843.D

Acq: 9 Jun 2016 9:39

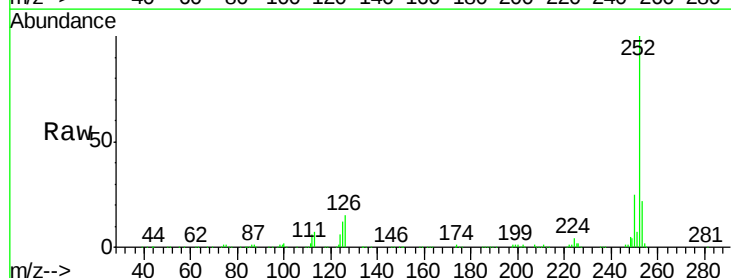
Tgt Ion:252 Resp: 828987

Ion Ratio Lower Upper

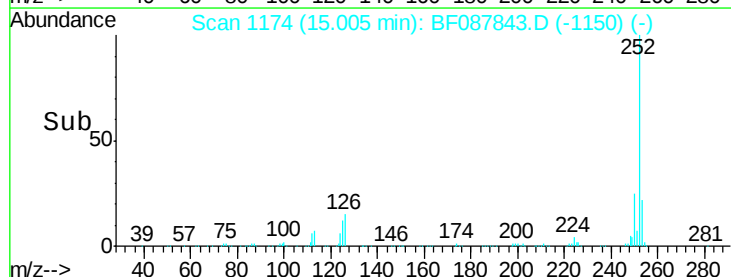
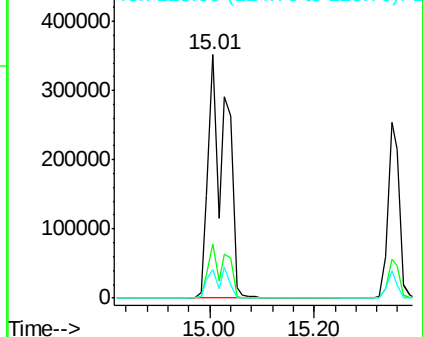
252 100

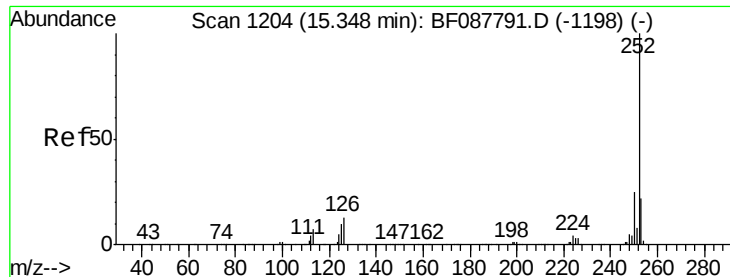
253 22.3 18.0 27.0

125 11.7 11.2 16.8



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

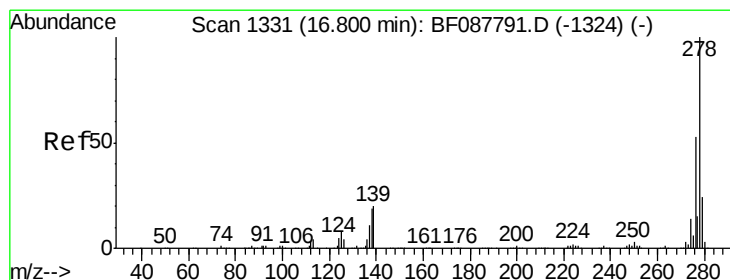
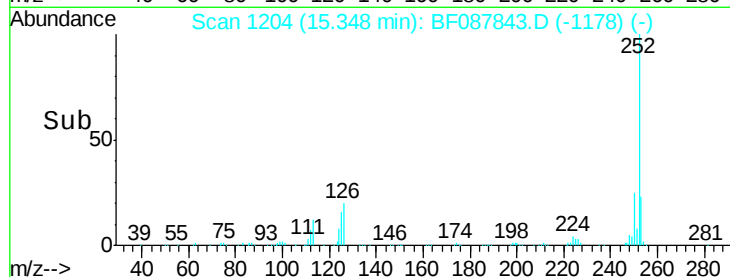
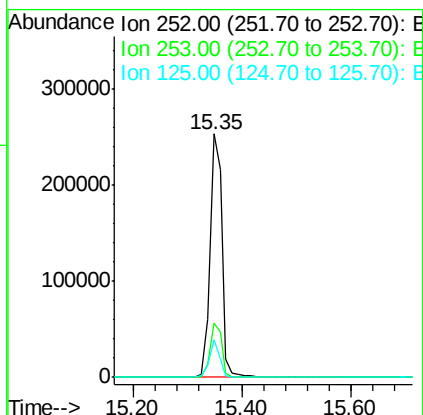
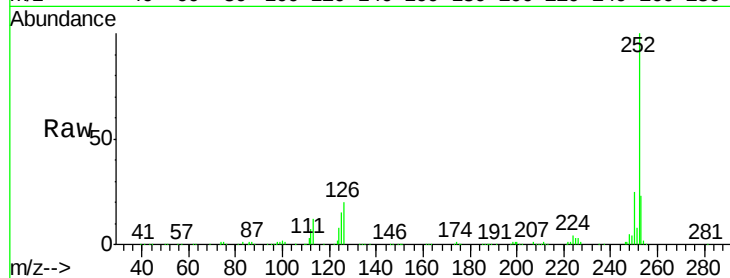




#89
Benzo(a)pyrene
Concen: 39.66 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

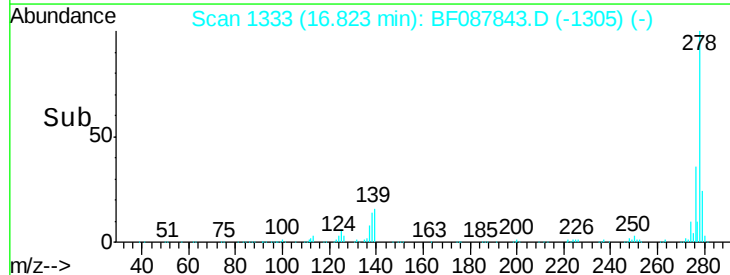
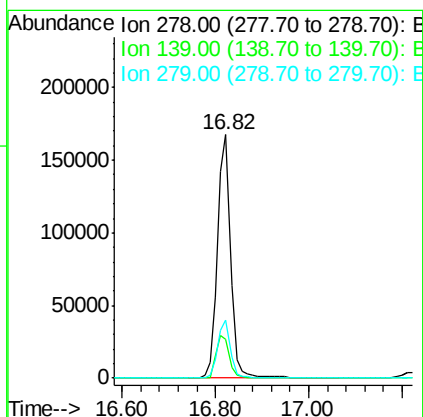
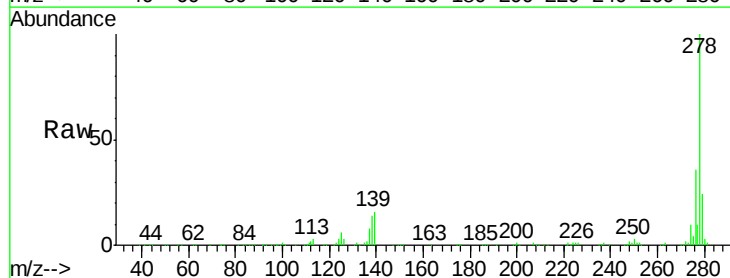
Instrument :
BNA_F
ClientSampleId :

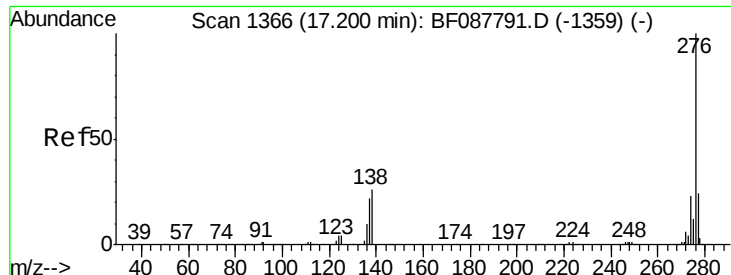
Tot Ion:252 Resp: 390007
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 15.5 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 35.73 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF087843.D
Acq: 9 Jun 2016 9:39

Tgt Ion:278 Resp: 326335
Ion Ratio Lower Upper
278 100
139 15.9 15.7 23.5
279 23.8 19.4 29.2

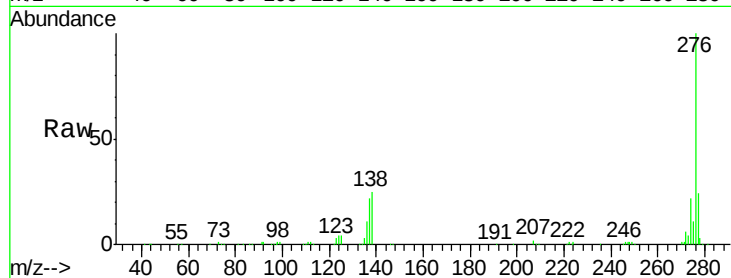




#91
 Benzo(a,h,i)perylene
 Concen: 33.33 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF087843.D
 Acq: 9 Jun 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.4	21.4	32.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

