

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090316.D
 Acq On : 30 Sep 2016 16:41
 Operator : UM/SJ
 Sample : PB93703BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Quant Time: Sep 30 18:27:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 16:07:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	133434	20.00	ng	-0.01
21) Naphthalene-d8	7.75	136	557656	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	298736	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	445975	20.00	ng	0.00
75) Chrysene-d12	13.57	240	300134	20.00	ng	0.00
86) Perylene-d12	14.88	264	250657	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.02	112	750440	91.67	ng	0.02
7) Phenol-d6	6.11	99	917734	90.78	ng	0.00
23) Nitrobenzene-d5	7.03	82	830447	86.33	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	224847	87.73	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1400734	92.05	ng	0.00
78) Terphenyl-d14	12.54	244	1089394	92.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.87	88	117702	26.50	ng	# 98
3) Pyridine	2.44	79	349819	36.32	ng	99
4) n-Nitrosodimethylamine	2.41	42	127389	44.32	ng	92
6) Aniline	6.11	93	450900	35.78	ng	# 75
8) 2-Chlorophenol	6.24	128	433395	46.01	ng	83
9) Benzaldehyde	5.99	77	233297	52.95	ng	96
10) Phenol	6.12	94	479202	40.10	ng	82
11) bis(2-Chloroethyl)ether	6.20	93	443662	47.60	ng	91
12) 1,3-Dichlorobenzene	6.39	146	421726	42.86	ng	98
13) 1,4-Dichlorobenzene	6.47	146	433776	43.18	ng	98
14) 1,2-Dichlorobenzene	6.63	146	370564	41.40	ng	99
15) Benzyl Alcohol	6.62	79	319578	53.01	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.75	45	461370	41.43	ng	83
17) 2-Methylphenol	6.74	107	343753	46.33	ng	94
18) Hexachloroethane	6.96	117	153392	42.80	ng	99
19) n-Nitroso-di-n-propylamine	6.89	70	301086	50.70	ng	95
20) 3+4-Methylphenols	6.90	107	437496	49.12	ng	96
22) Acetophenone	6.88	105	602884	44.83	ng	# 98
24) Nitrobenzene	7.05	77	468244	46.71	ng	92
25) Isophorone	7.30	82	877563	43.66	ng	98
26) 2-Nitrophenol	7.37	139	240837	48.79	ng	# 85
27) 2,4-Dimethylphenol	7.43	122	391076	44.60	ng	98
28) bis(2-Chloroethoxy)methane	7.52	93	566780	46.62	ng	99
29) 2,4-Dichlorophenol	7.62	162	346003	44.98	ng	98
30) 1,2,4-Trichlorobenzene	7.69	180	342682	44.60	ng	98
31) Naphthalene	7.76	128	1195807	45.03	ng	99
32) Benzoic acid	7.60	122	271655	45.13	ng	96
33) 4-Chloroaniline	7.83	127	307512	27.92	ng	95
34) Hexachlorobutadiene	7.90	225	181919	44.89	ng	96
35) Caprolactam	8.22	113	136233m	53.51	ng	
36) 4-Chloro-3-methylphenol	8.33	107	392176	45.11	ng	97
37) 2-Methylnaphthalene	8.46	142	778769	47.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	322305	47.00	ng	97
40) Hexachlorocyclopentadiene	8.62	237	245683	72.61	ng	98

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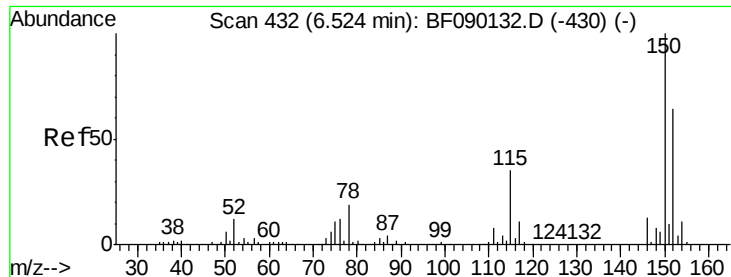
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	226039	46.26	nq	99
43) 2,4,5-Trichlorophenol	8.79	196	239162	47.27	nq	# 94
45) 1,1'-Biphenyl	8.92	154	1010771	47.29	nq	96
46) 2-Chloronaphthalene	8.94	162	670694	42.54	nq	97
47) 2-Nitroaniline	9.05	65	236031	49.65	nq	85
48) Acenaphthylene	9.35	152	1054409	41.18	nq	99
49) Dimethylphthalate	9.24	163	943860	49.61	nq	99
50) 2,6-Dinitrotoluene	9.29	165	189411	44.66	nq	97
51) Acenaphthene	9.52	154	635249	41.79	nq	99
52) 3-Nitroaniline	9.46	138	147315	29.63	nq	81
53) 2,4-Dinitrophenol	9.58	184	224292	93.98	nq	# 82
54) Dibenzofuran	9.69	168	911877	45.59	nq	94
55) 4-Nitrophenol	9.64	139	251676	73.89	nq	# 79
56) 2,4-Dinitrotoluene	9.70	165	241197	48.10	nq	# 52
57) Fluorene	10.03	166	734473	48.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	180261	47.59	nq	98
59) Diethylphthalate	9.93	149	820480	44.65	nq	100
60) 4-Chlorophenyl-phenylether	10.03	204	315618	45.92	nq	89
61) 4-Nitroaniline	10.07	138	195426	38.56	nq	85
62) Azobenzene	10.19	77	998453	52.20	nq	92
64) 4,6-Dinitro-2-methylphenol	10.10	198	130406	46.68	nq	75
65) n-Nitrosodiphenylamine	10.16	169	742595	50.64	nq	100
66) 4-Bromophenyl-phenylether	10.51	248	205597	46.85	nq	# 84
67) Hexachlorobenzene	10.57	284	225195	44.03	nq	# 86
68) Atrazine	10.70	200	230340	57.32	nq	98
69) Pentachlorophenol	10.78	266	258460	89.03	nq	99
70) Phenanthrene	10.98	178	1117800	53.59	nq	99
71) Anthracene	11.03	178	967305	44.22	nq	100
72) Carbazole	11.19	167	943861	40.81	nq	98
73) Di-n-butylphthalate	11.54	149	1334617	49.63	nq	100
74) Fluoranthene	12.15	202	936075	41.81	nq	100
76) Benzidine	12.29	184	444099	44.21	nq	97
77) Pyrene	12.38	202	1018985	49.62	nq	100
79) Butylbenzylphthalate	13.02	149	487478	48.52	nq	# 80
80) Benzo(a)anthracene	13.55	228	759939	47.06	nq	99
81) 3,3'-Dichlorobenzidine	13.53	252	229804	34.51	nq	98
82) Chrysene	13.59	228	537844	34.19	nq	98
83) Bis(2-ethylhexyl)phthalate	13.59	149	658095	51.19	nq	# 99
84) Di-n-octyl phthalate	14.19	149	1106723	49.97	nq	98
85) Indeno(1,2,3-cd)pyrene	16.02	276	751331	59.08	nq	97
87) Benzo(b)fluoranthene	14.55	252	734672m	52.93	nq	
88) Benzo(k)fluoranthene	14.57	252	541170m	41.54	nq	
89) Benzo(a)pyrene	14.83	252	628307	48.12	nq	# 98
90) Dibenzo(a,h)anthracene	16.03	278	624243	61.27	nq	98
91) Benzo(g,h,i)perylene	16.35	276	643538	64.53	nq	96

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

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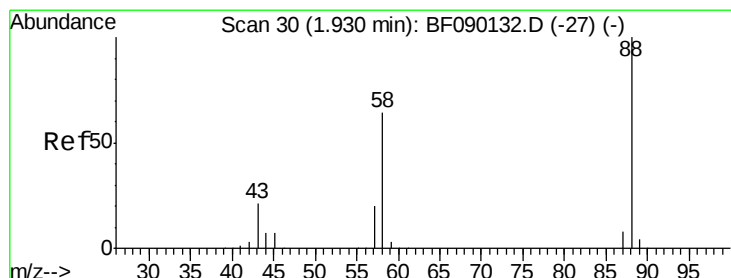
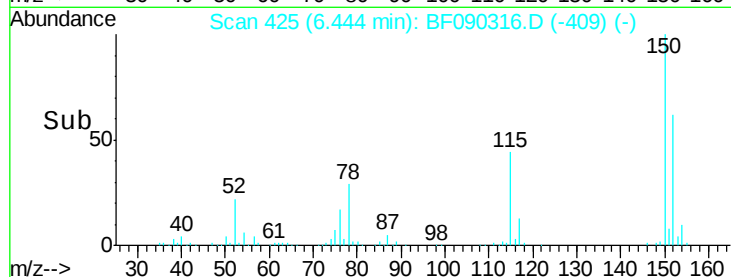
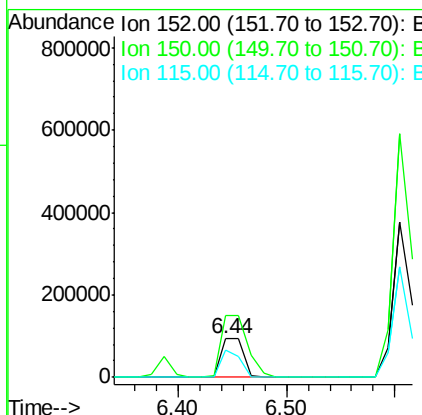
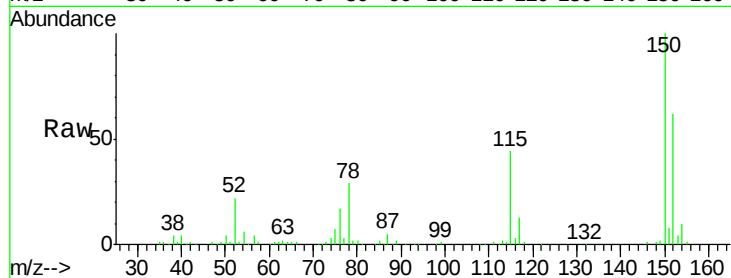


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Instrument :
BNA_F
ClientSampleId :
PB93703BS

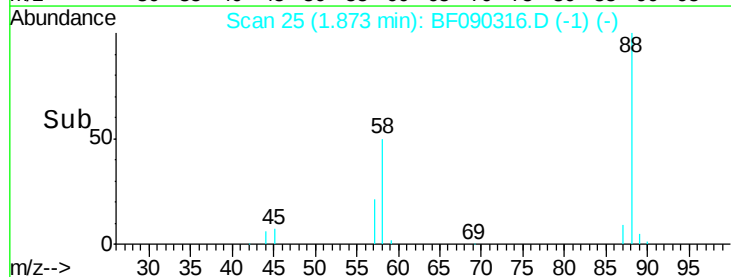
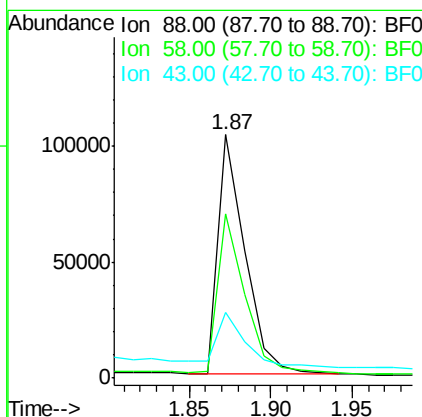
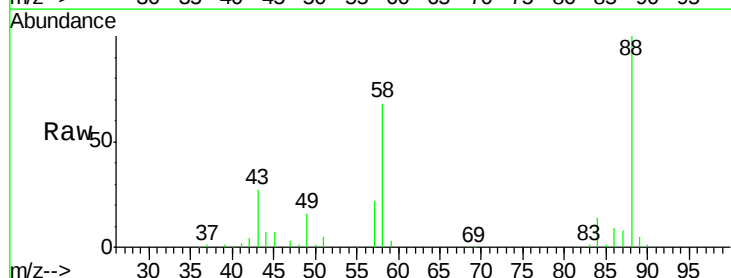
Tot Ion:152 Resp: 133434
Ion Ratio Lower Upper
152 100
150 160.5 128.9 193.3
115 70.0 55.5 83.3

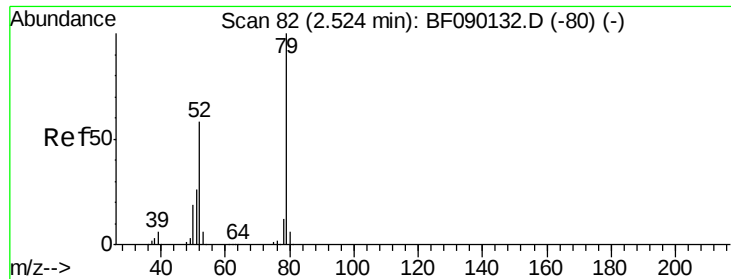


#2

1,4-Dioxane
Concen: 26.50 ng
RT: 1.87 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion: 88 Resp: 117702
Ion Ratio Lower Upper
88 100
58 66.5 53.4 80.0
43 24.8 16.5 24.7#





#3

Pvridine

Concen: 36.32 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.07 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

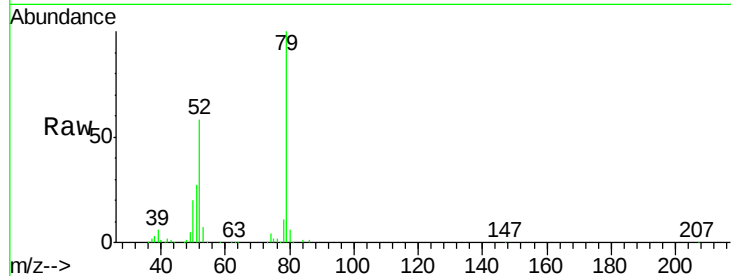
Tot Ion: 79 Resp: 349819

Ion Ratio Lower Upper

79 100

52 58.2 45.9 68.9

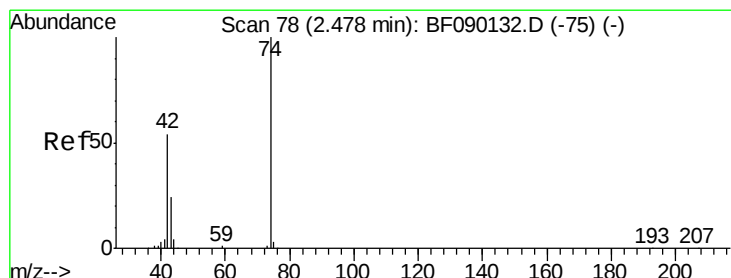
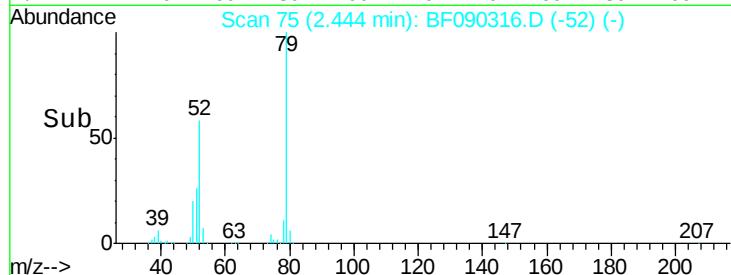
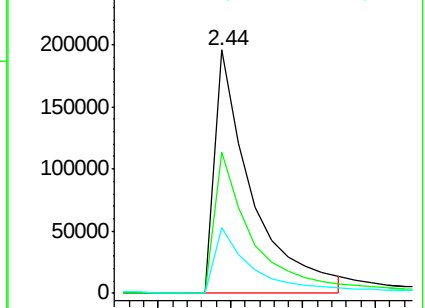
51 26.9 21.3 31.9



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: 44.32 ng

RT: 2.41 min Scan# 72

Delta R.T. 0.08 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

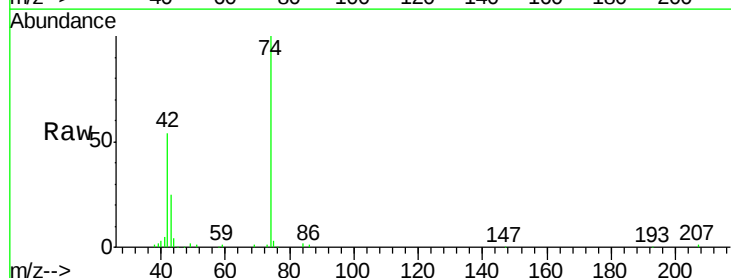
Tgt Ion: 42 Resp: 127389

Ion Ratio Lower Upper

42 100

74 186.4 158.7 238.1

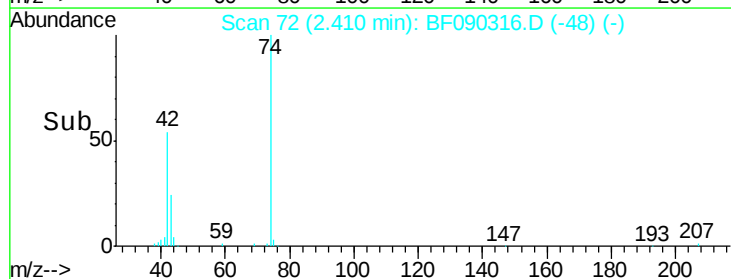
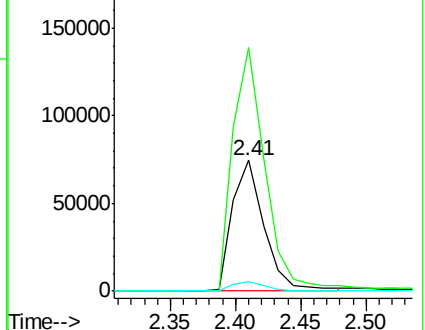
44 7.5 6.4 9.6

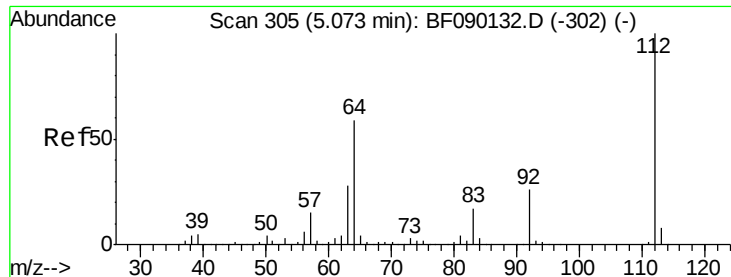


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 91.67 ng

RT: 5.02 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

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ClientSampleId :

PB93703BS

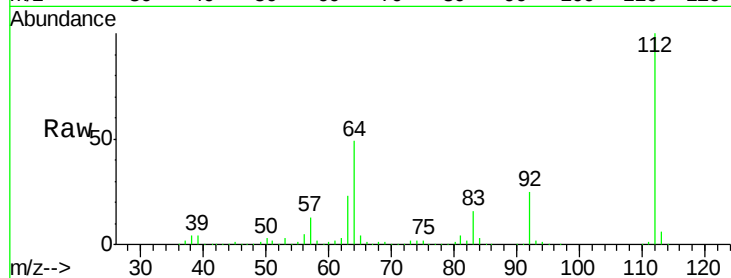
Tot Ion:112 Resp: 750440

Ion Ratio Lower Upper

112 100

64 48.8 39.8 59.6

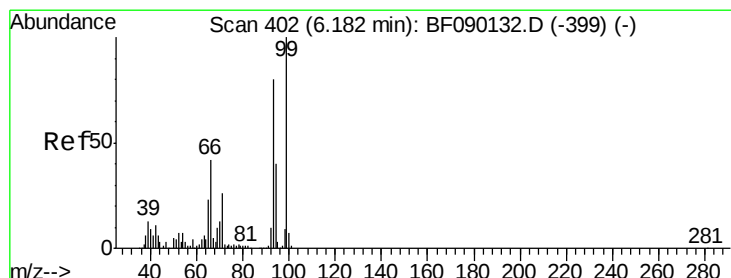
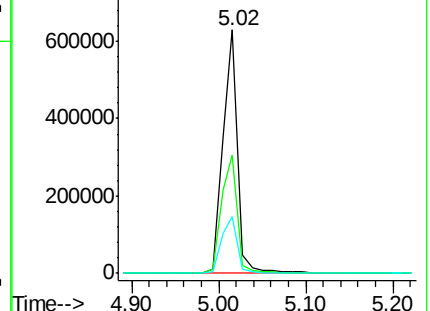
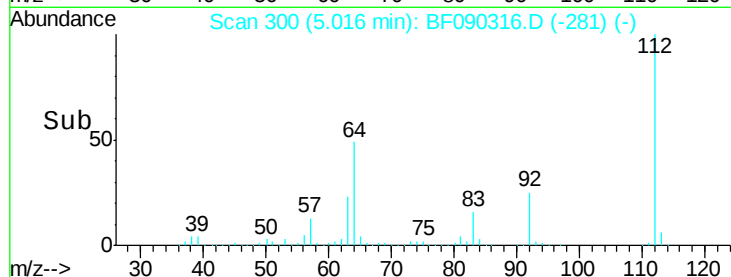
63 23.4 18.9 28.3



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: 35.78 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

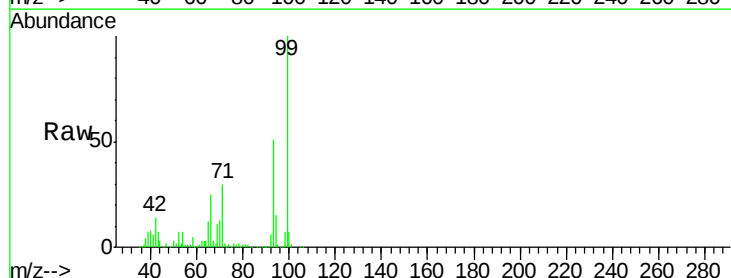
Tgt Ion: 93 Resp: 450900

Ion Ratio Lower Upper

93 100

66 49.5 54.2 81.2#

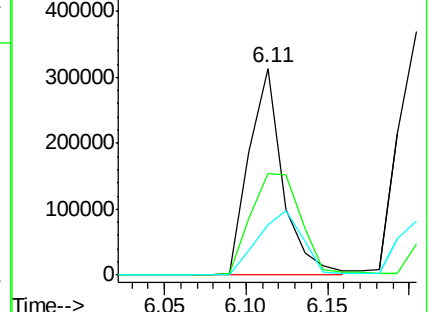
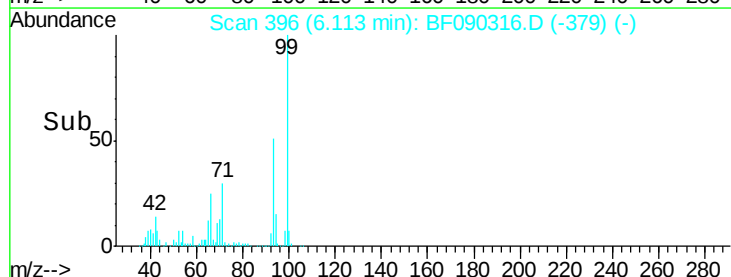
65 24.2 33.8 50.6#

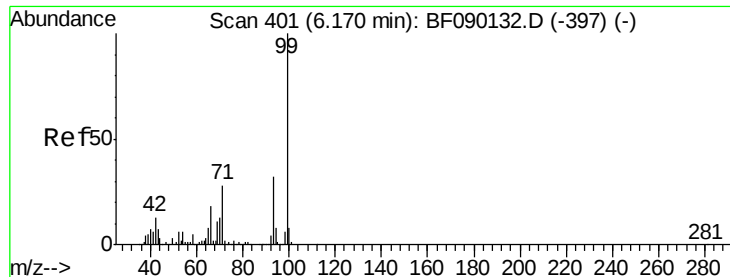


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.78 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

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ClientSampleId :

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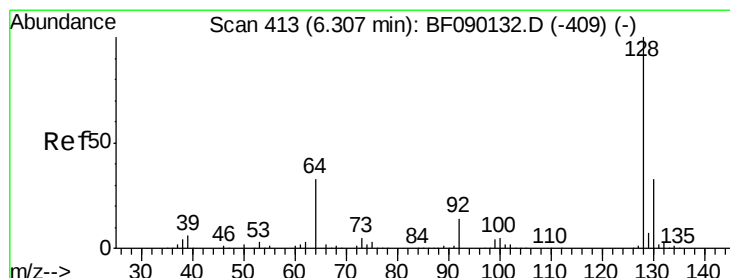
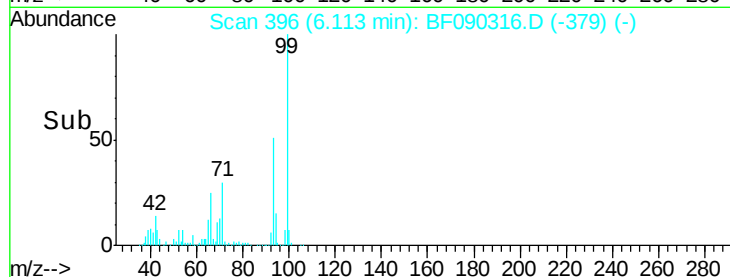
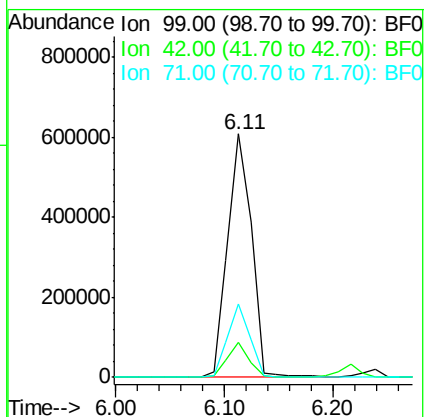
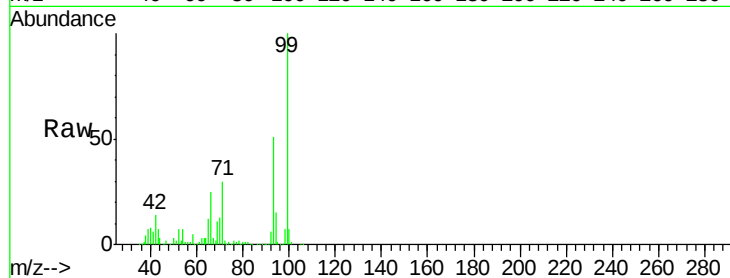
Tot Ion: 99 Resp: 917734

Ion Ratio Lower Upper

99 100

42 14.2 10.6 15.8

71 30.4 23.0 34.6



#8

2-Chlorophenol

Concen: 46.01 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

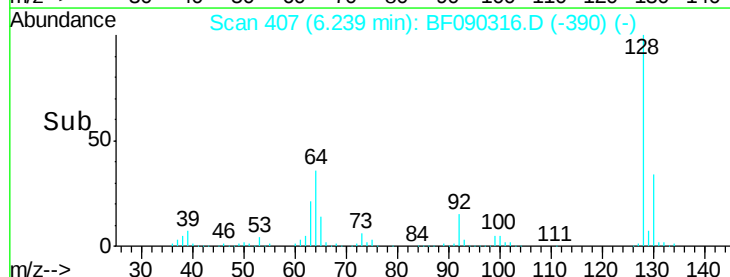
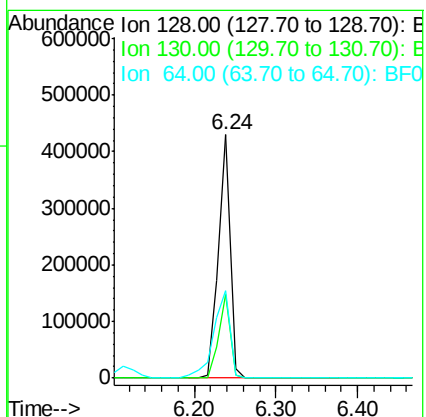
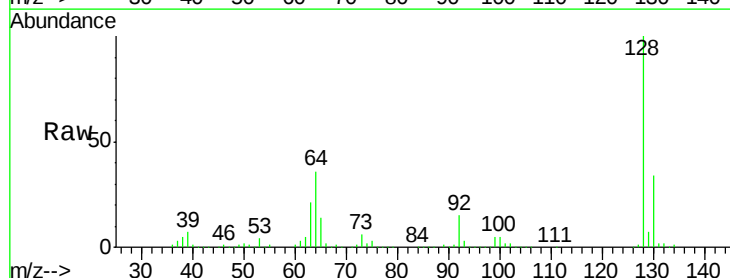
Tgt Ion: 128 Resp: 433395

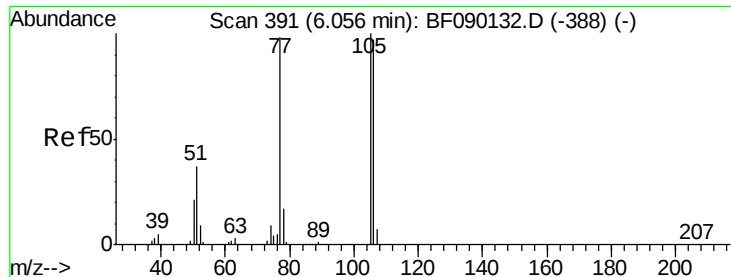
Ion Ratio Lower Upper

128 100

130 34.2 12.0 52.0

64 36.1 33.6 73.6





#9

Benzaldehyde

Concen: 52.95 ng

RT: 5.99 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

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ClientSampleId :

PB93703BS

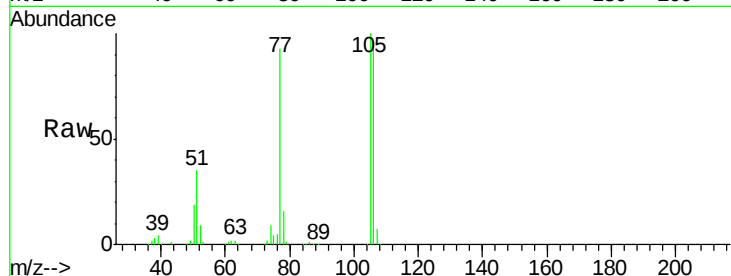
Tot Ion: 77 Resp: 233297

Ion Ratio Lower Upper

77 100

105 107.1 83.0 123.0

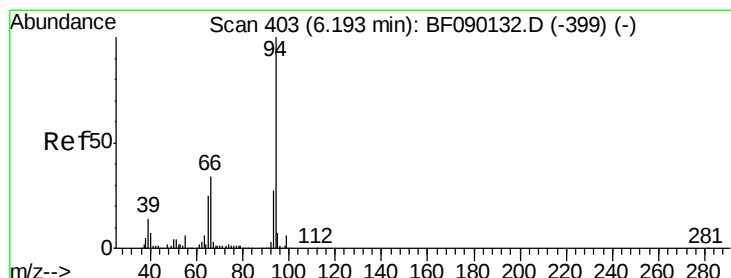
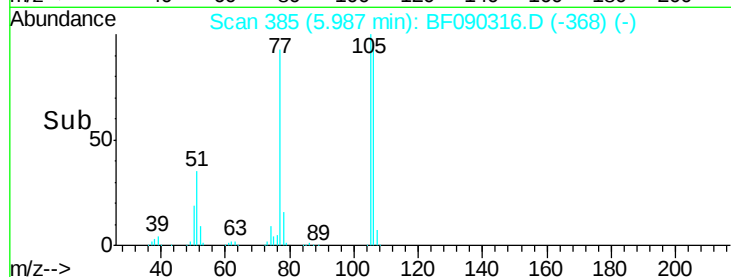
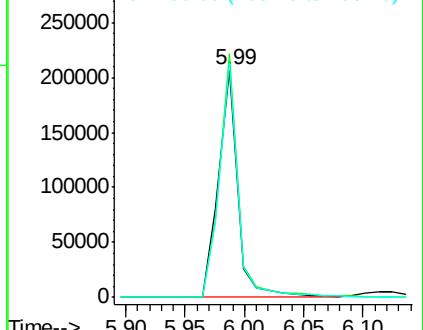
106 103.2 78.5 118.5



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: 40.10 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

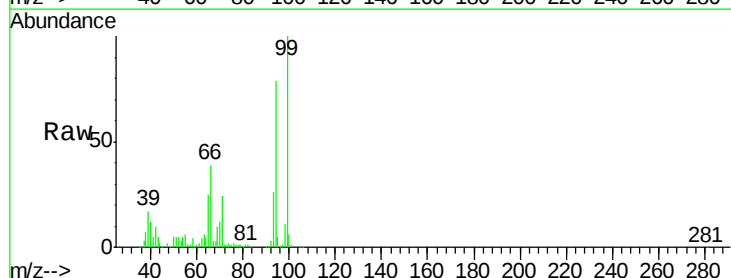
Tgt Ion: 94 Resp: 479202

Ion Ratio Lower Upper

94 100

65 32.1 20.6 60.6

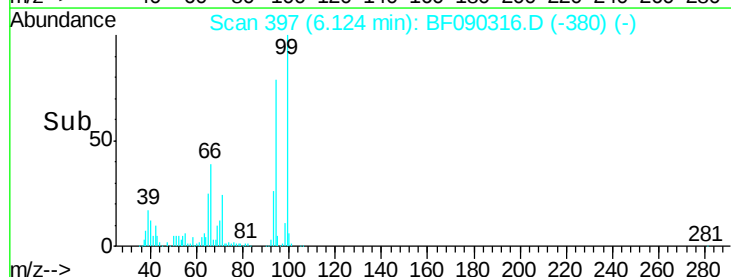
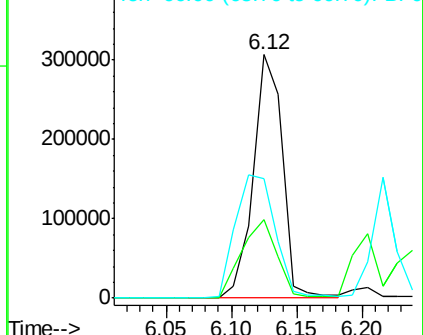
66 49.3 45.1 85.1

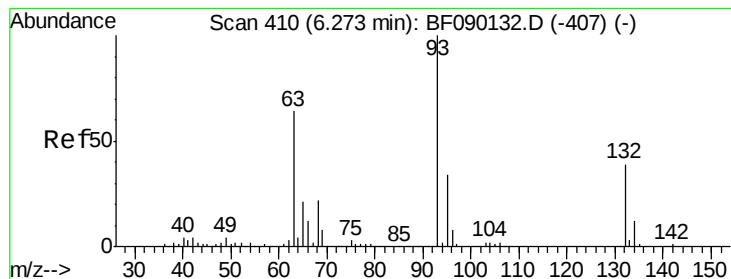


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

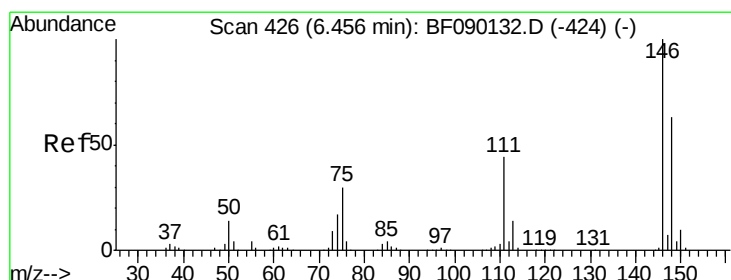
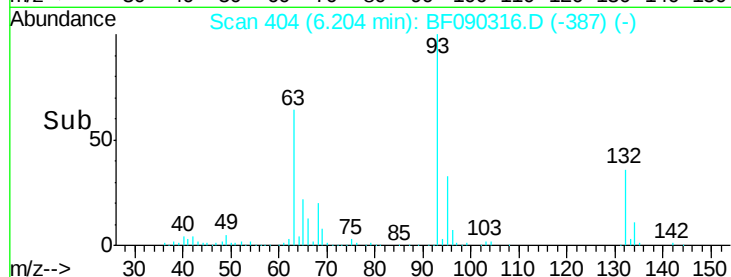
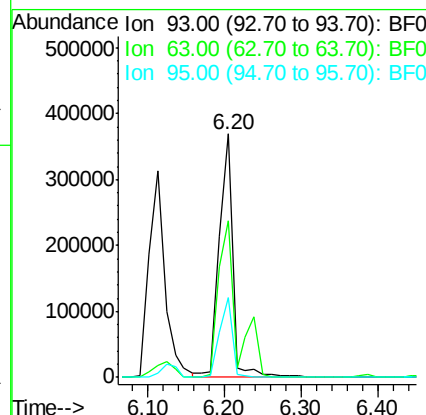
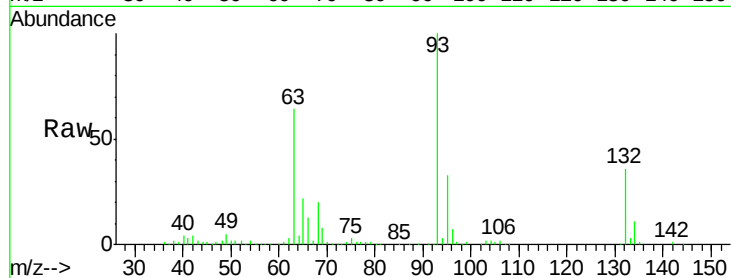




#11
bis(2-Chloroethyl)ether
Concen: 47.60 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

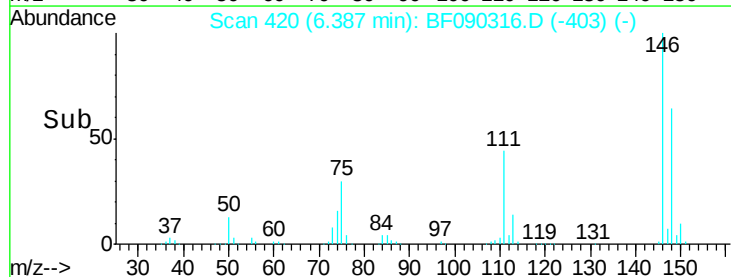
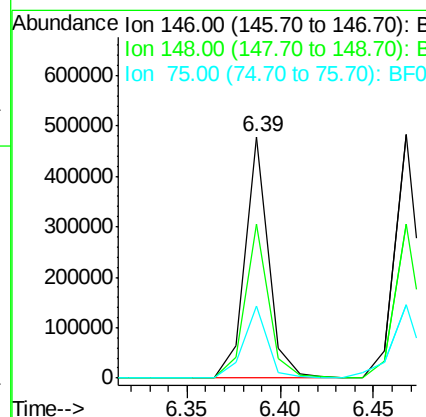
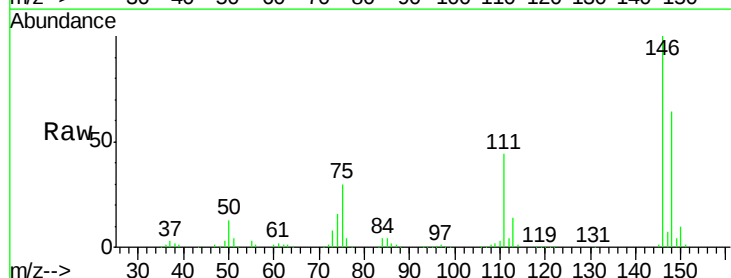
Instrument :
BNA_F
ClientSampleId :
PB93703BS

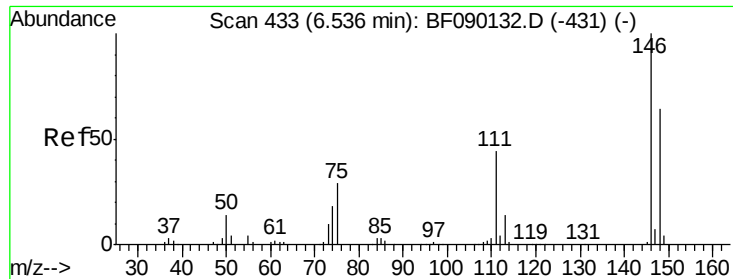
Tot Ion: 93 Resp: 443662
Ion Ratio Lower Upper
93 100
63 64.1 55.6 95.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.86 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion: 146 Resp: 421726
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 29.7 22.8 34.2

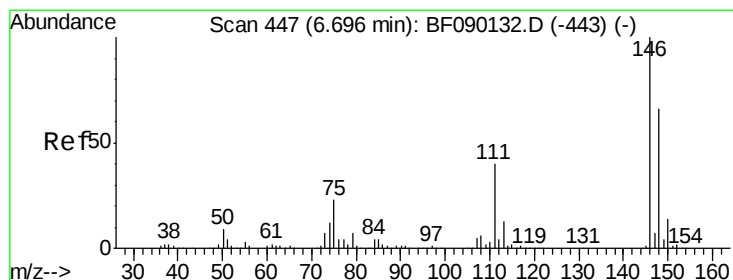
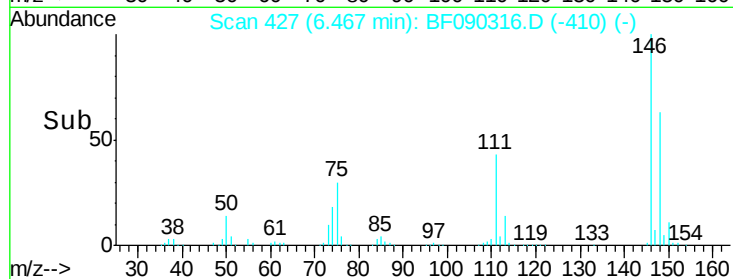
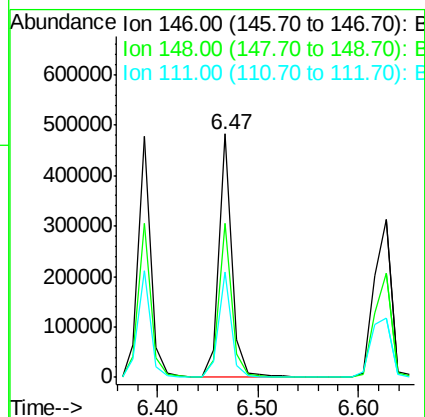
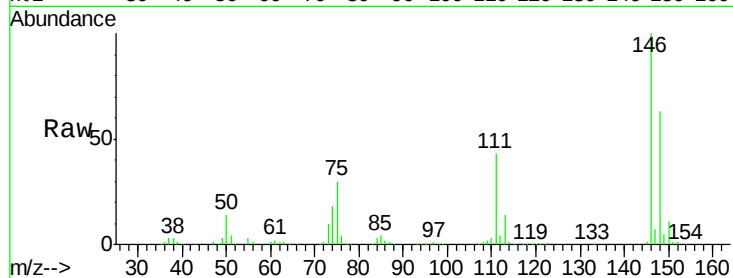




#13
 1,4-Dichlorobenzene
 Concen: 43.18 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

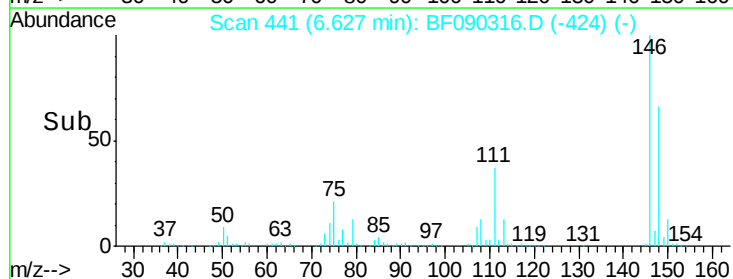
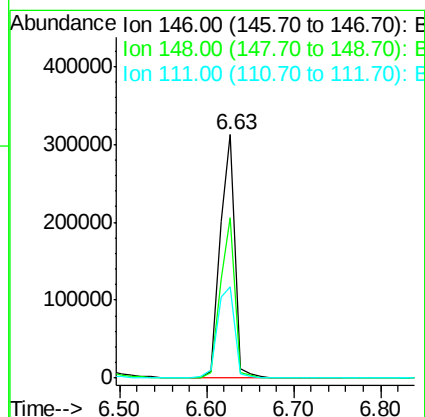
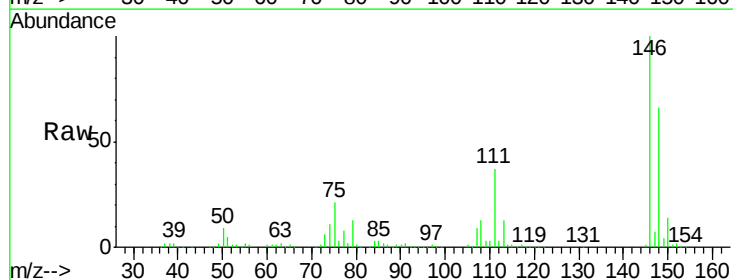
Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

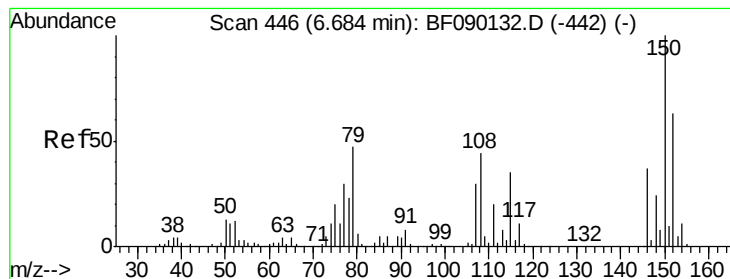
Tot Ion:146 Resp: 433776
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 43.5 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 41.40 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion:146 Resp: 370564
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 37.3 28.2 42.2





#15

Benzyl Alcohol

Concen: 53.01 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

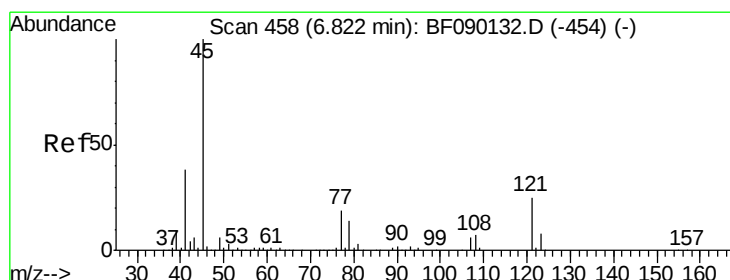
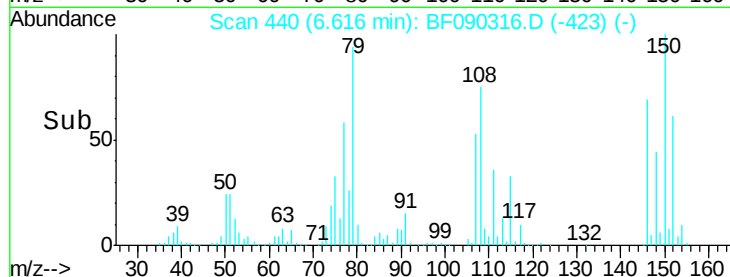
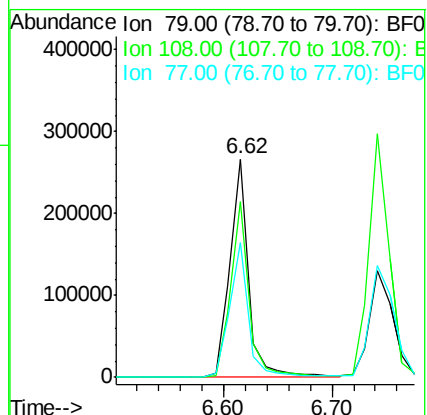
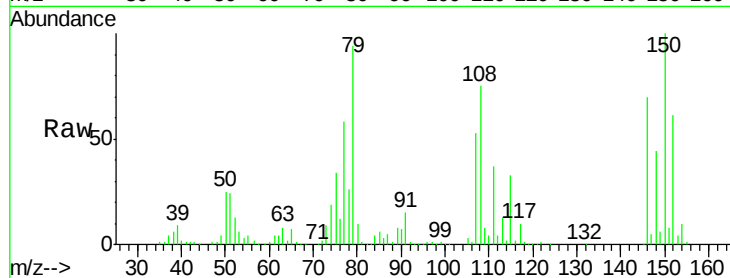
Tot Ion: 79 Resp: 319578

Ion Ratio Lower Upper

79 100

108 80.1 62.2 93.4

77 61.7 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.43 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

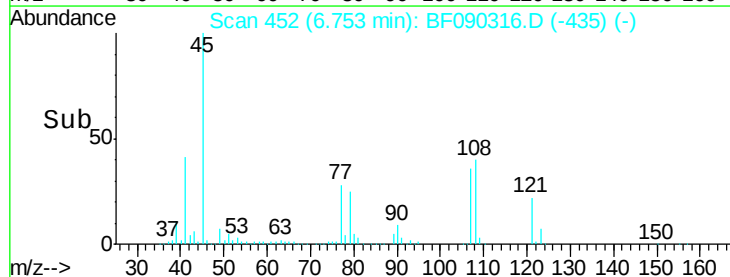
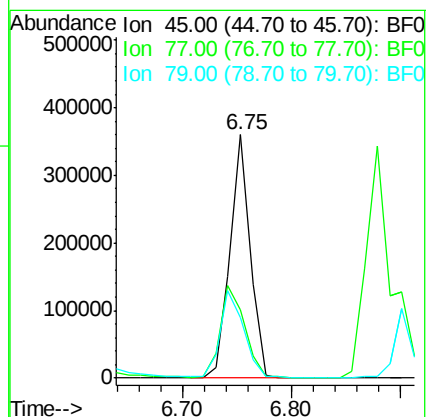
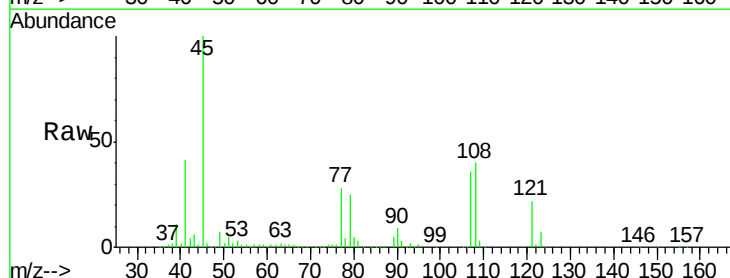
Tgt Ion: 45 Resp: 461370

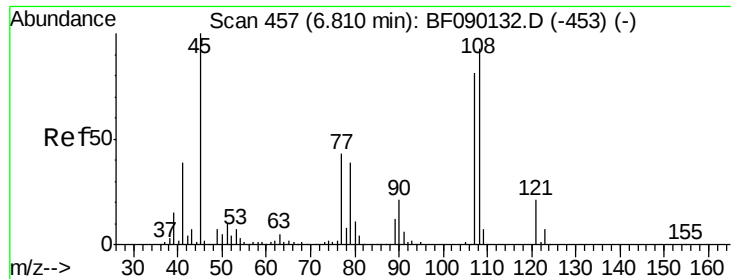
Ion Ratio Lower Upper

45 100

77 27.9 0.5 40.5

79 24.9 0.0 37.0

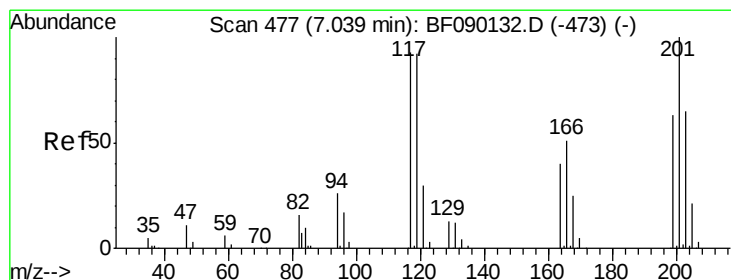
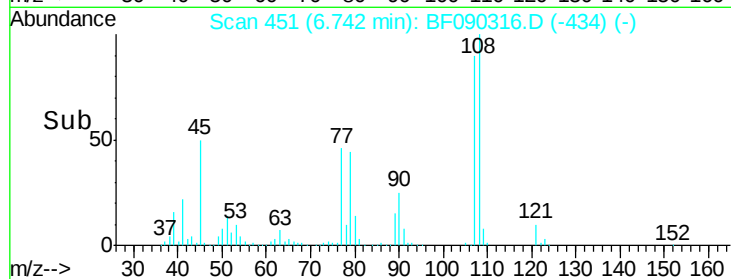
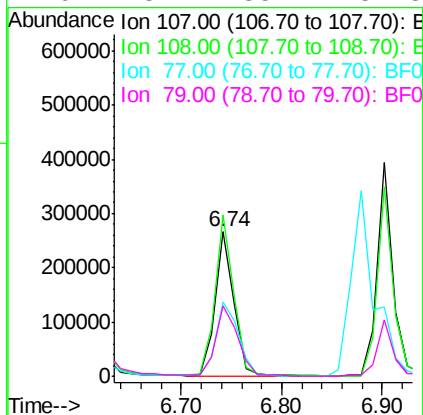
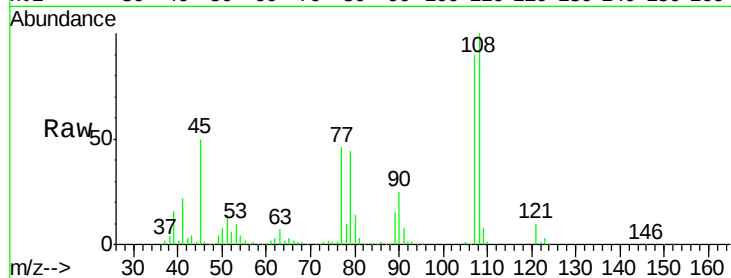




#17
2-Methylphenol
Concen: 46.33 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

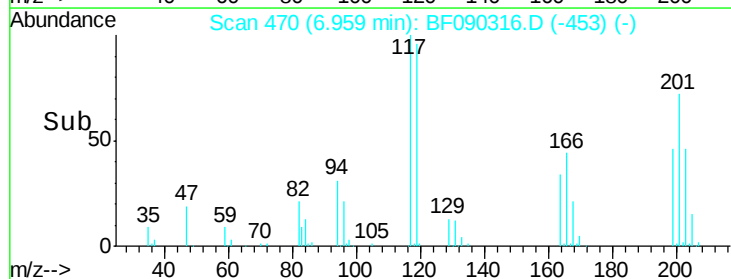
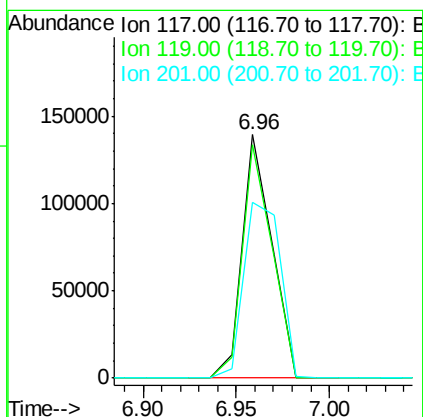
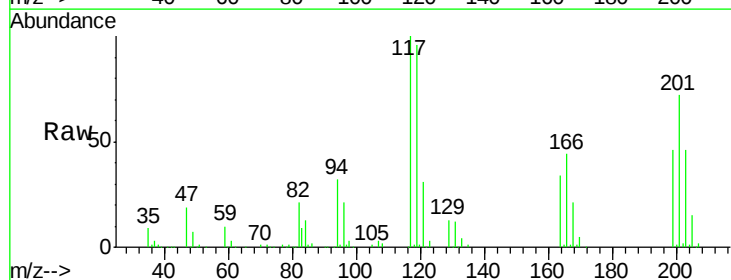
Instrument :
BNA_F
ClientSampleId :
PB93703BS

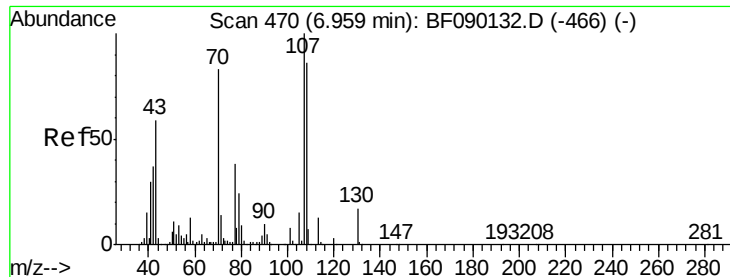
Tot Ion:	107	Resp:	343753
Ion	Ratio	Lower	Upper
107	100		
108	111.5	92.0	138.0
77	51.0	35.6	53.4
79	48.7	35.2	52.8



#18
Hexachloroethane
Concen: 42.80 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:	117	Resp:	153392
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	72.3	55.5	83.3

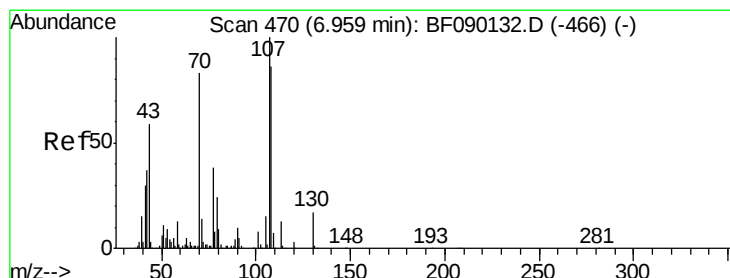
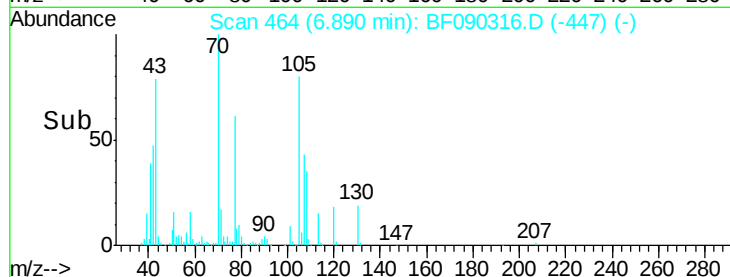
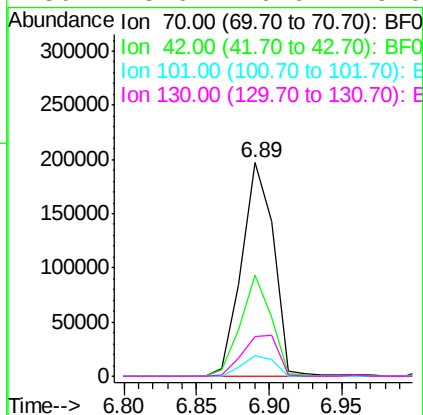
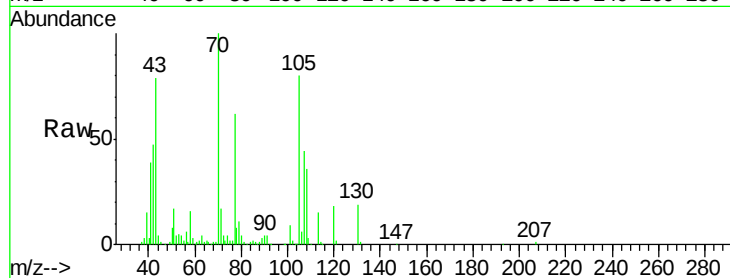




#19
n-Nitroso-di-n-propylamine
Concen: 50.70 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

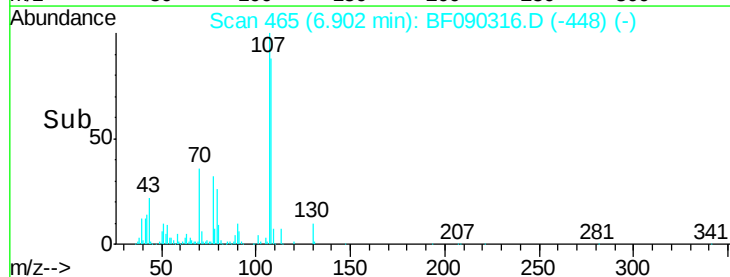
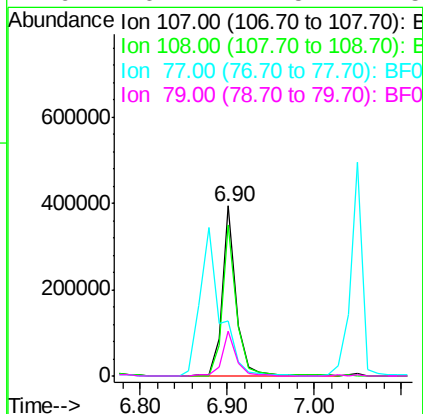
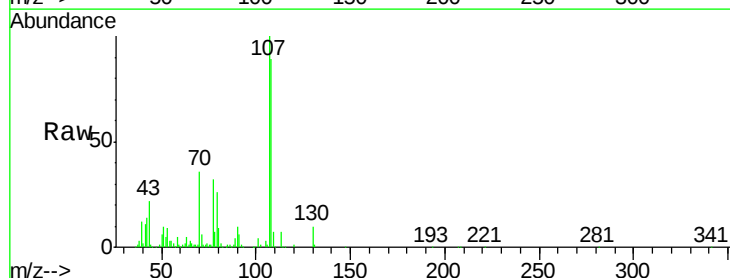
Instrument :
BNA_F
ClientSampleId :
PB93703BS

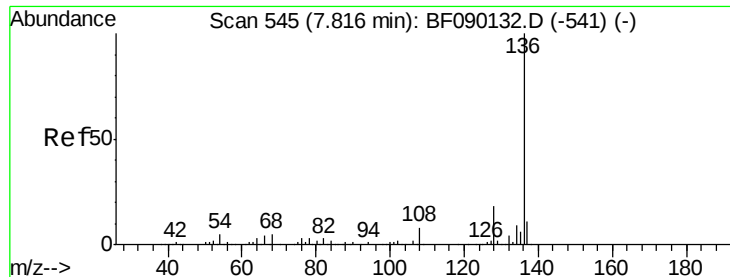
Tot Ion:	70	Resp:	301086
Ion	Ratio	Lower	Upper
70	100		
42	47.5	35.1	52.7
101	9.3	7.5	11.3
130	18.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 49.12 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:	107	Resp:	437496
Ion	Ratio	Lower	Upper
107	100		
108	88.6	73.3	113.3
77	32.4	14.1	54.1
79	26.2	7.5	47.5

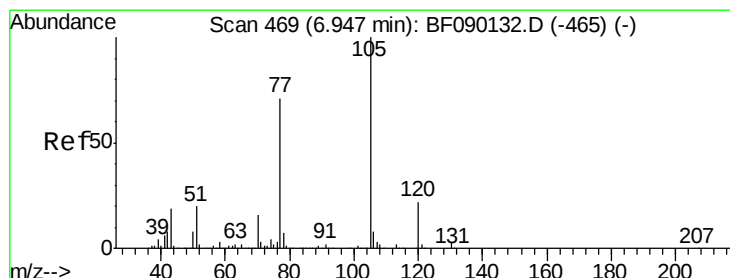
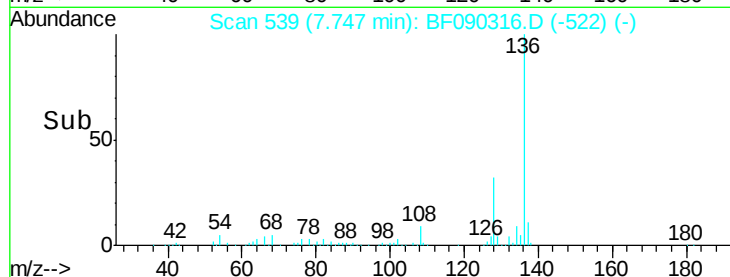
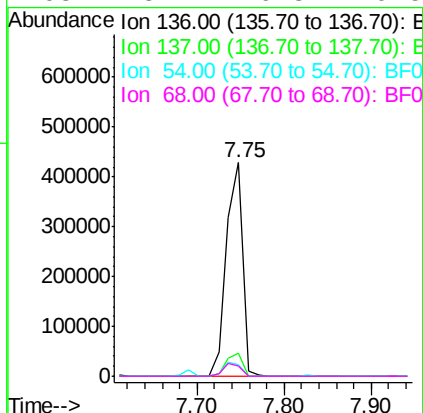
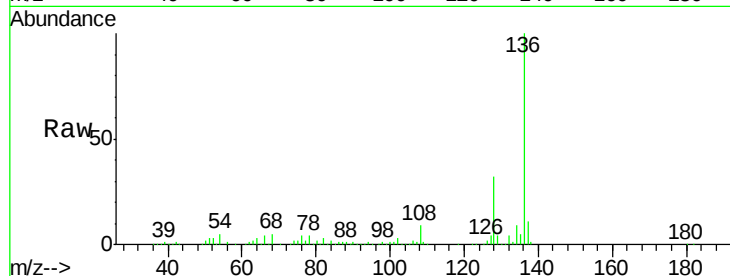




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

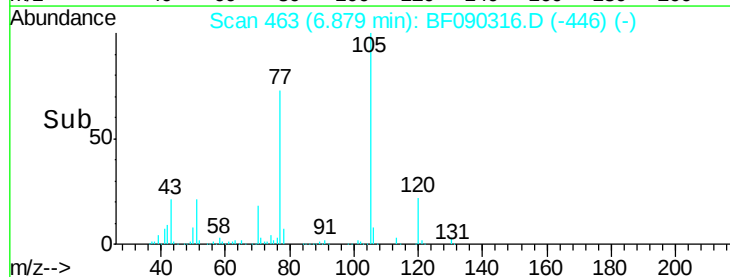
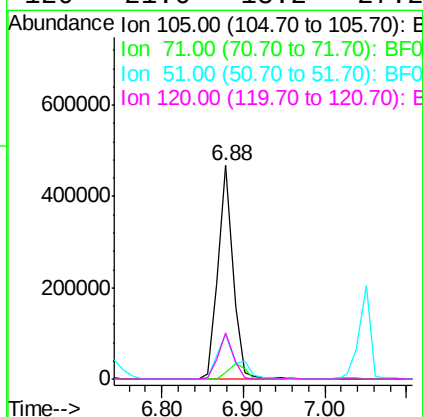
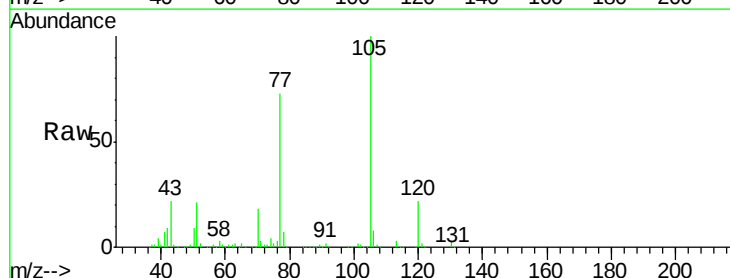
Instrument :
BNA_F
ClientSampleId :
PB93703BS

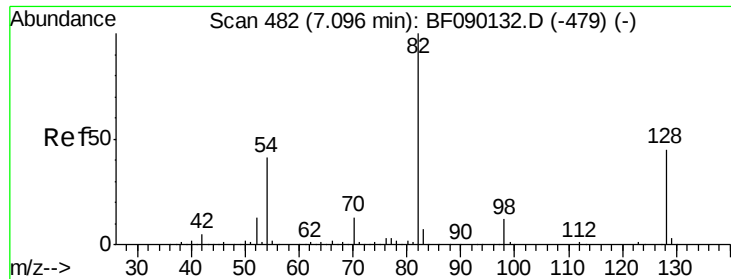
Tot Ion:136	Resp:	557656
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	5.2	6.4 9.6#
68	5.1	6.3 9.5#



#22
Acetophenone
Concen: 44.83 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:105	Resp:	602884
Ion Ratio	Lower	Upper
105	100	
71	3.0	4.1 6.1#
51	20.9	16.2 24.2
120	21.6	18.2 27.2

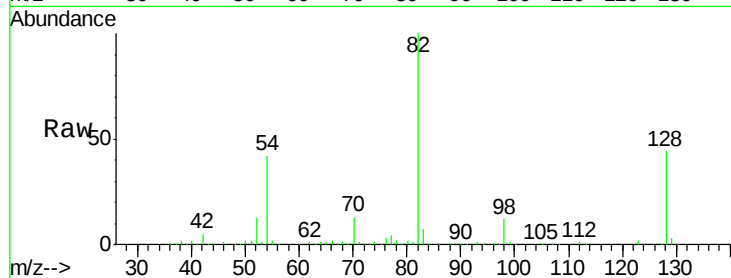




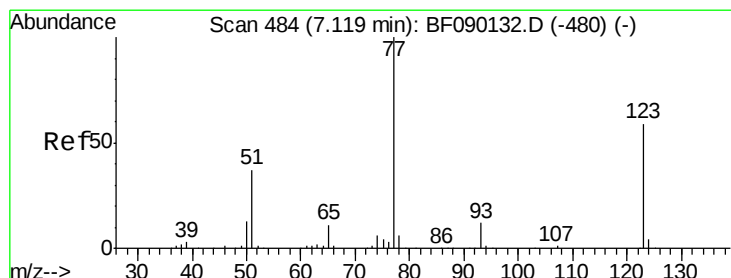
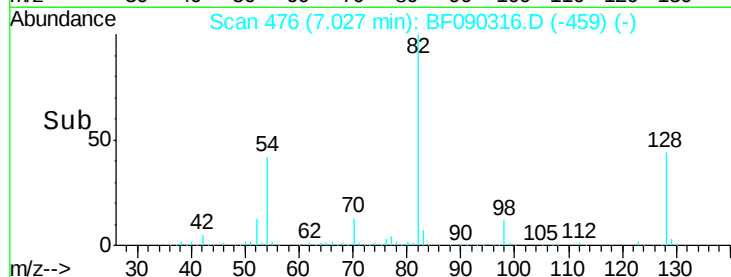
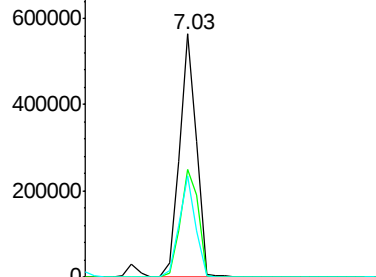
#23
 Nitrobenzene-d5
 Concen: 86.33 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Tot Ion	82	Resp	830447
Ion Ratio	100	Lower	Upper
128	44.1	37.5	56.3
54	41.9	31.9	47.9

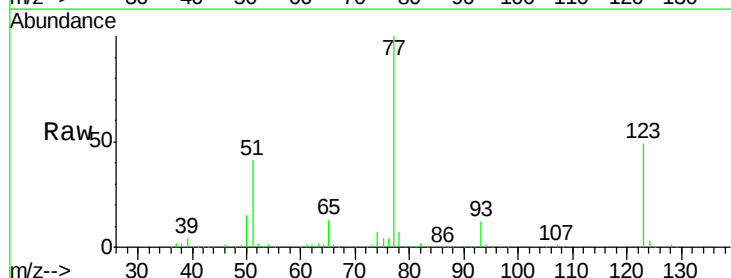


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

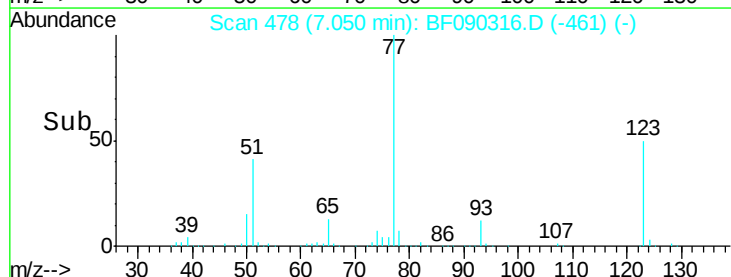
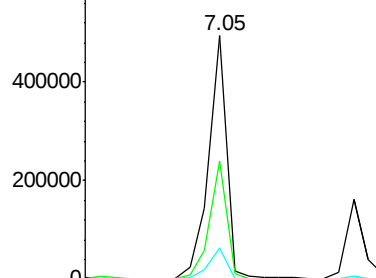


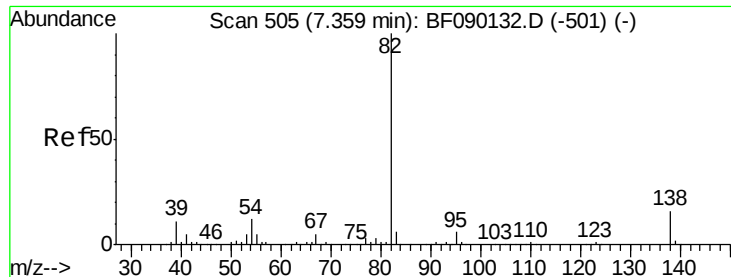
#24
 Nitrobenzene
 Concen: 46.71 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion	77	Resp	468244
Ion Ratio	100	Lower	Upper
123	48.7	33.4	50.2
65	12.6	10.1	15.1



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: 43.66 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

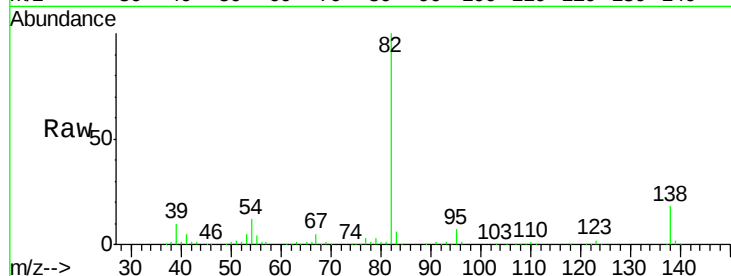
Tot Ion: 82 Resp: 877563

Ion Ratio Lower Upper

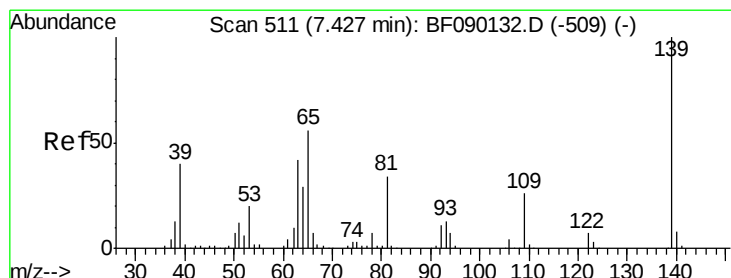
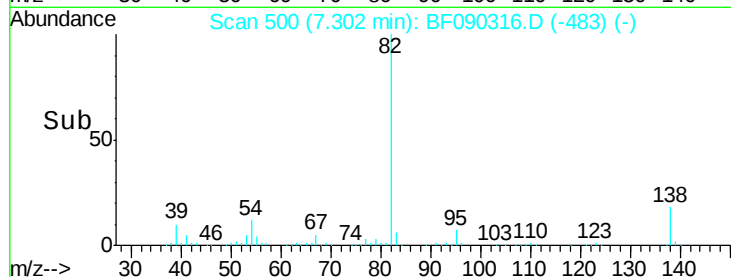
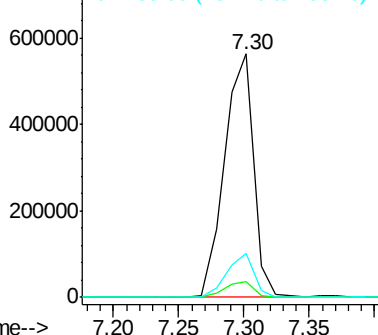
82 100

95 6.5 5.1 7.7

138 18.3 13.5 20.3



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: 48.79 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

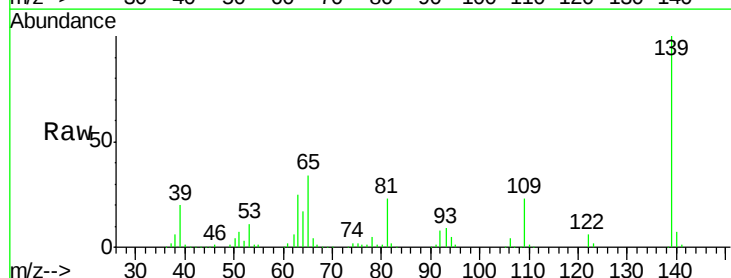
Tgt Ion: 139 Resp: 240837

Ion Ratio Lower Upper

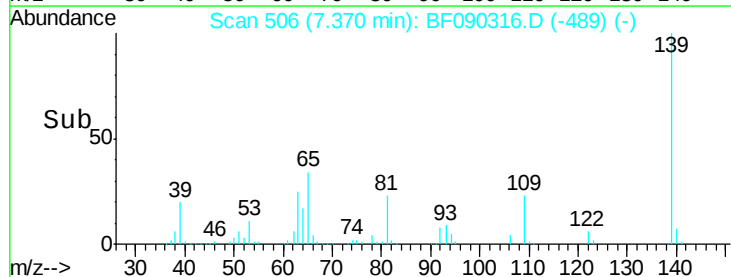
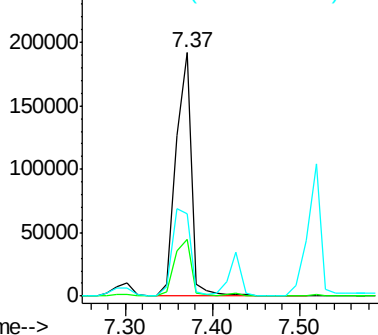
139 100

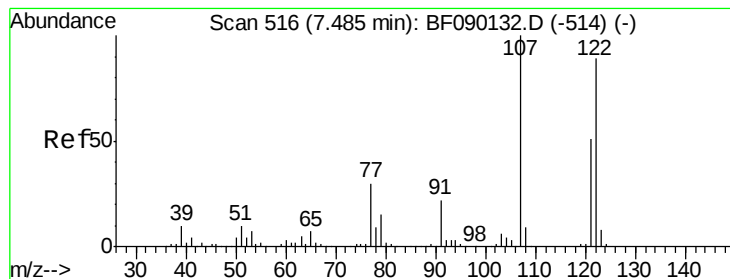
109 23.1 20.5 30.7

65 33.8 37.9 56.9#



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

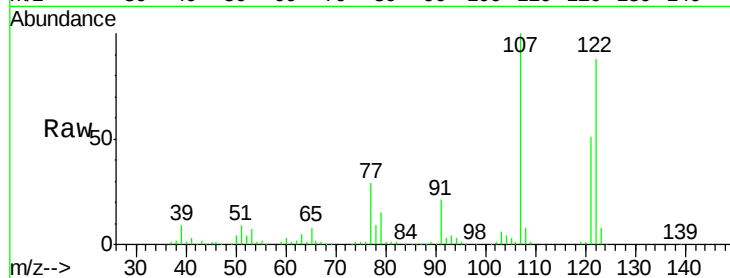




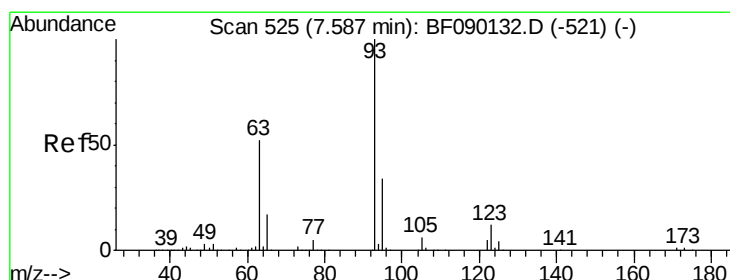
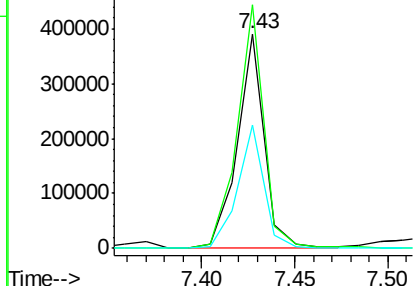
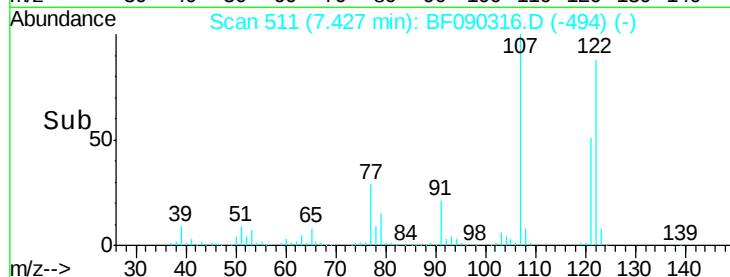
#27
 2,4-Dimethylphenol
 Concen: 44.60 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	87.8	131.6
121	57.4	45.7	68.5

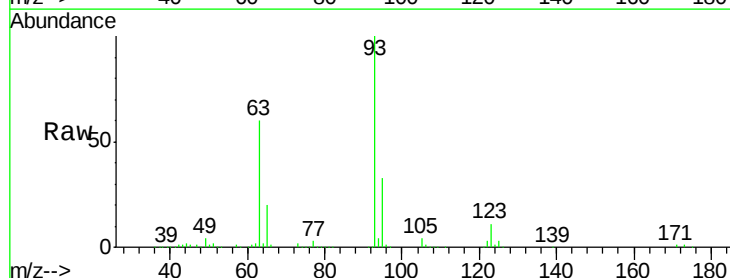


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

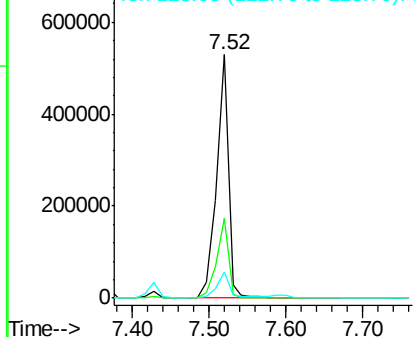
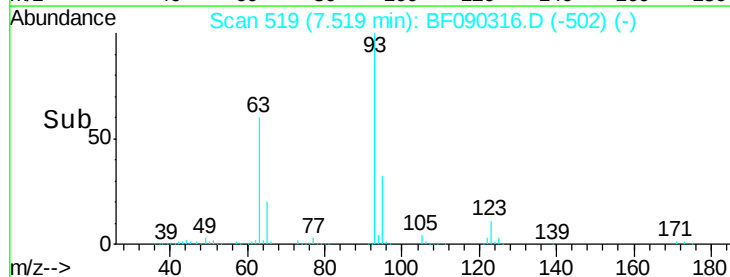


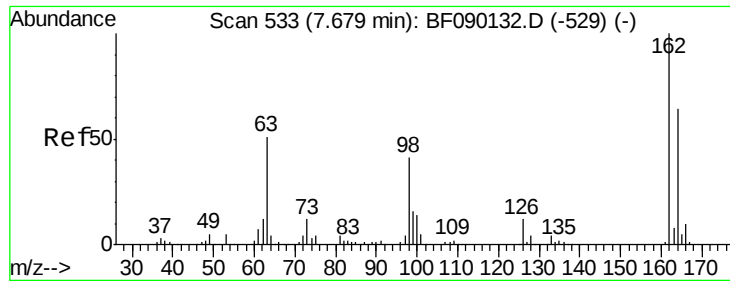
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.62 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	10.8	8.5	12.7



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

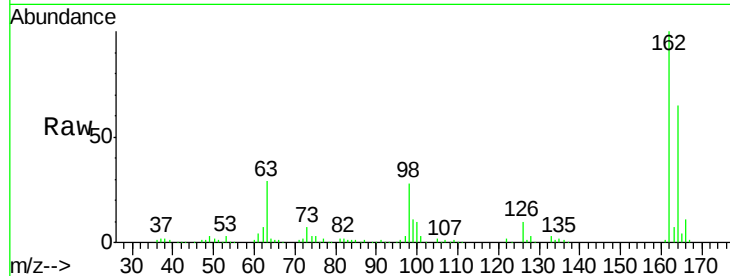




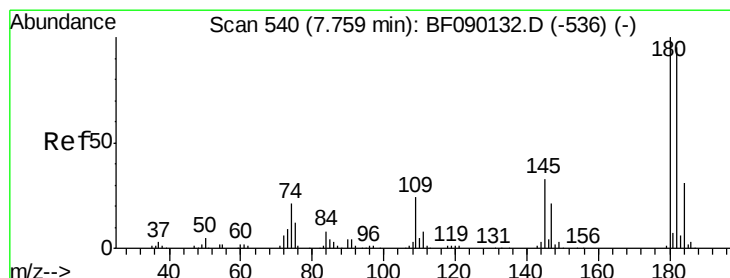
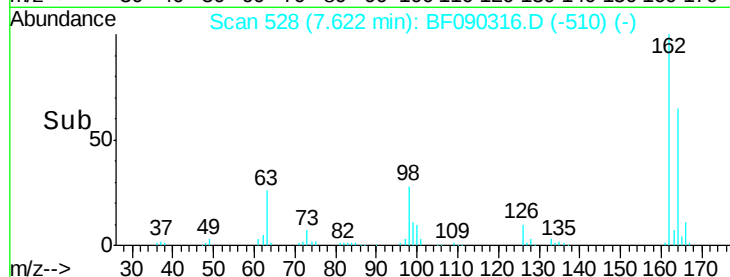
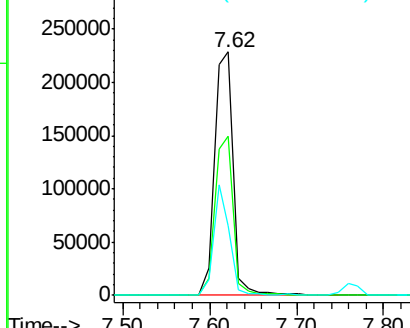
#29
 2,4-Dichlorophenol
 Concen: 44.98 ng
 RT: 7.62 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.2	86.2
98	28.5	10.4	50.4

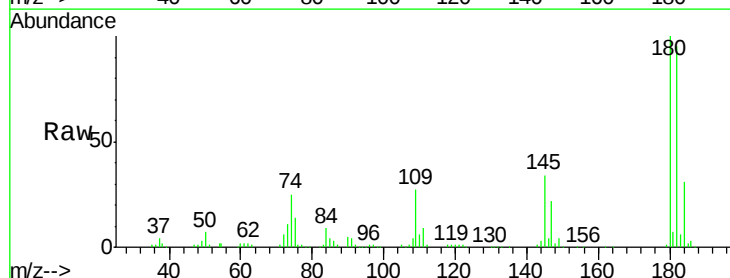


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

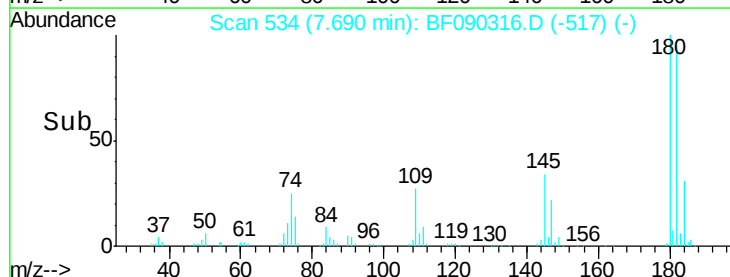
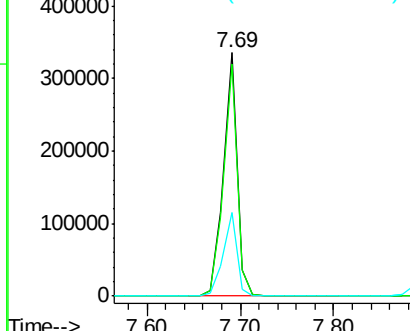


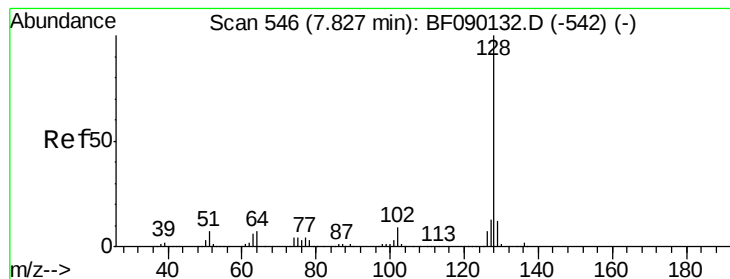
#30
 1,2,4-Trichlorobenzene
 Concen: 44.60 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.0	112.6
145	34.2	28.6	42.8



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: 45.03 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

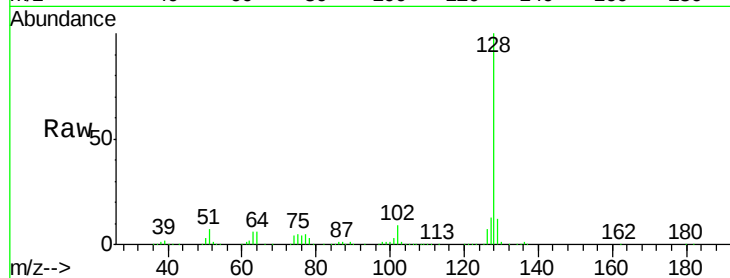
Tot Ion:128 Resp: 1195807

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

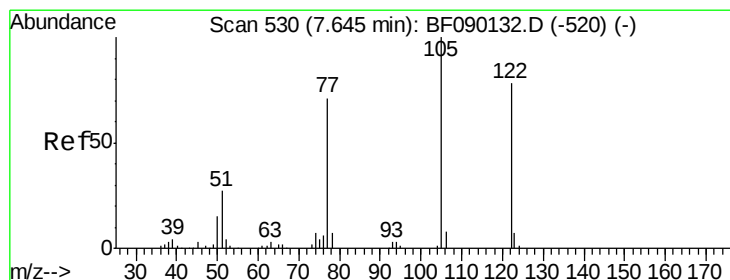
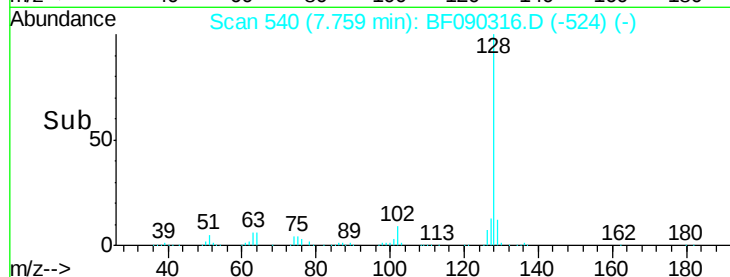
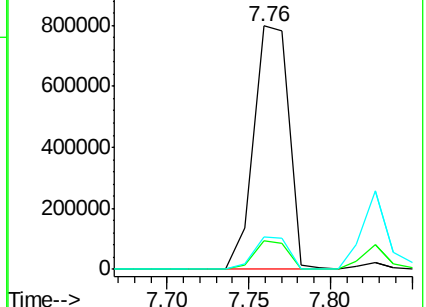
127 13.1 10.8 16.2



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: 45.13 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.02 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

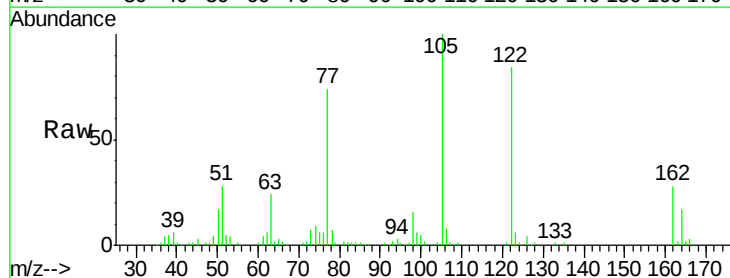
Tgt Ion:122 Resp: 271655

Ion Ratio Lower Upper

122 100

105 119.3 105.0 145.0

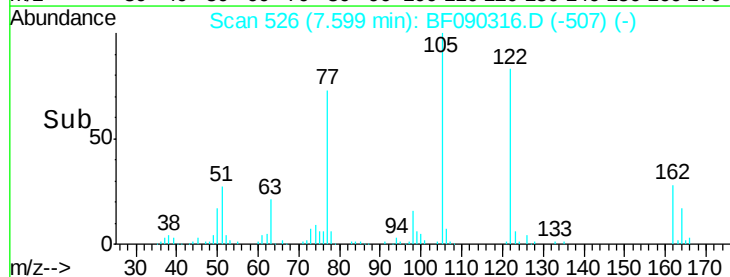
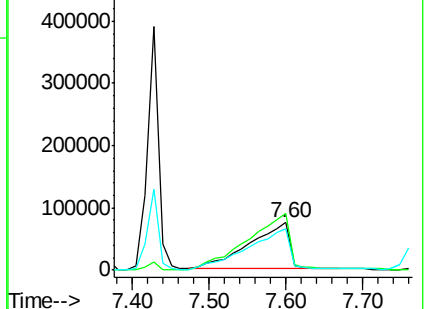
77 88.3 70.4 110.4

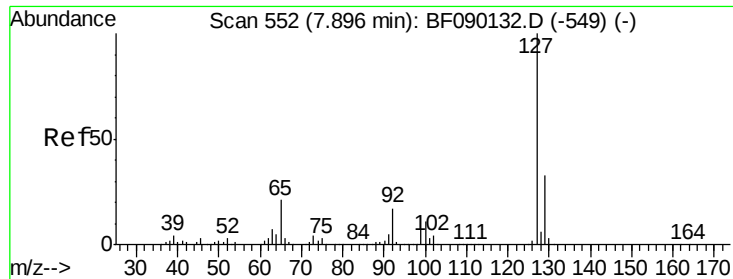


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

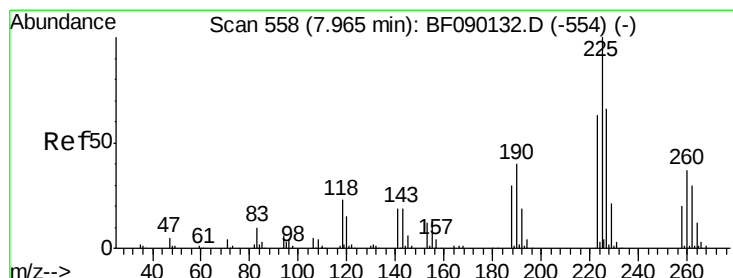
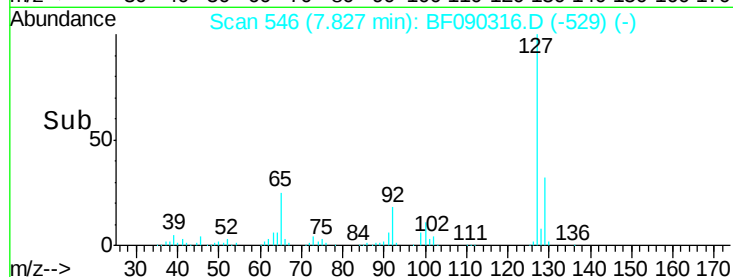
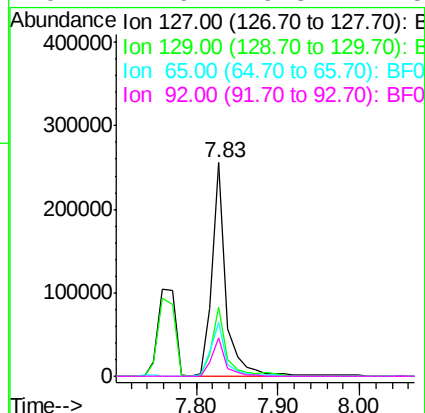
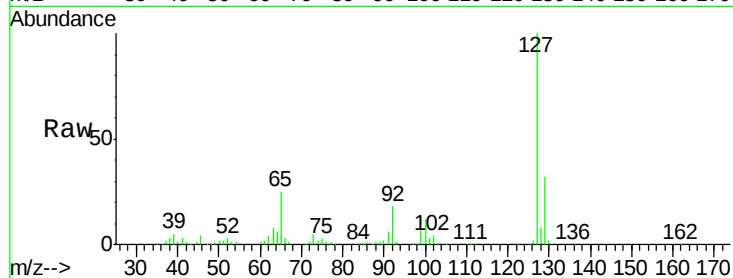




#33
4-Chloroaniline
Concen: 27.92 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

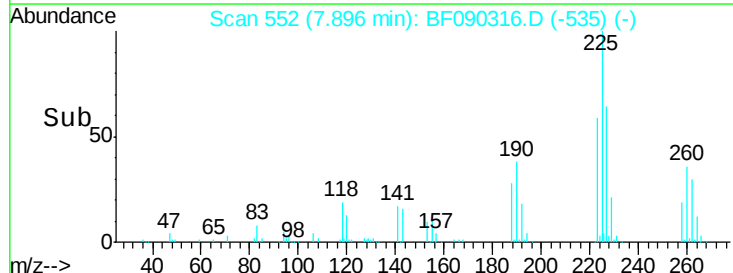
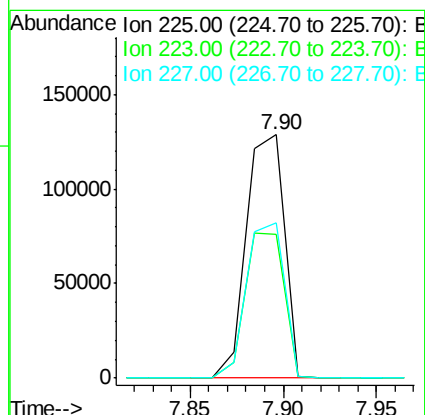
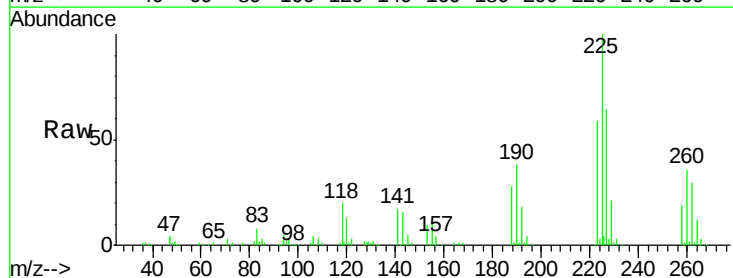
Instrument :
BNA_F
ClientSampleId :
PB93703BS

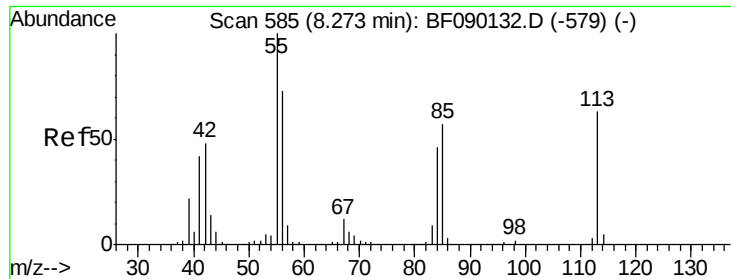
Tot Ion:	127	Resp:	307512
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	25.5	24.1	36.1
92	17.9	16.3	24.5



#34
Hexachlorobutadiene
Concen: 44.89 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:	225	Resp:	181919
Ion	Ratio	Lower	Upper
225	100		
223	59.2	51.3	76.9
227	63.6	51.4	77.0

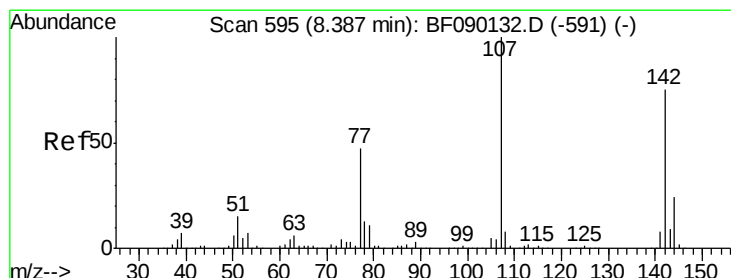
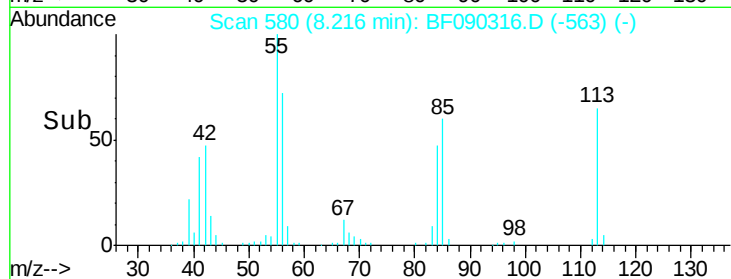
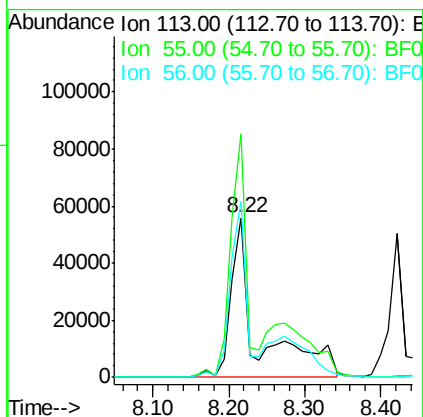
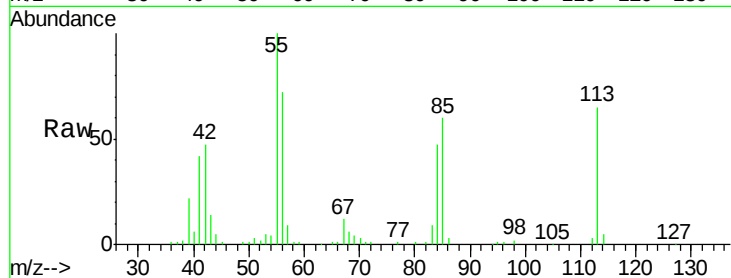




#35
 Caprolactam
 Concen: 53.51 ng/ml
 RT: 8.22 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

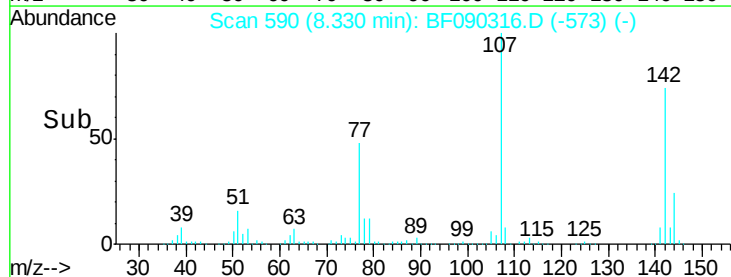
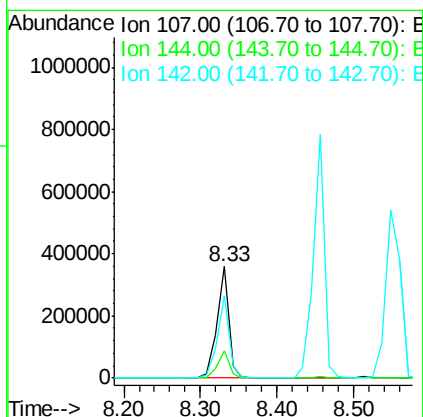
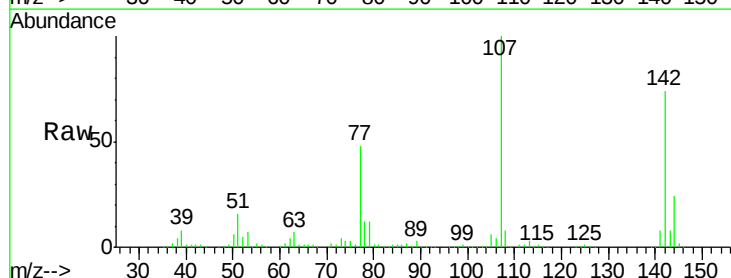
Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

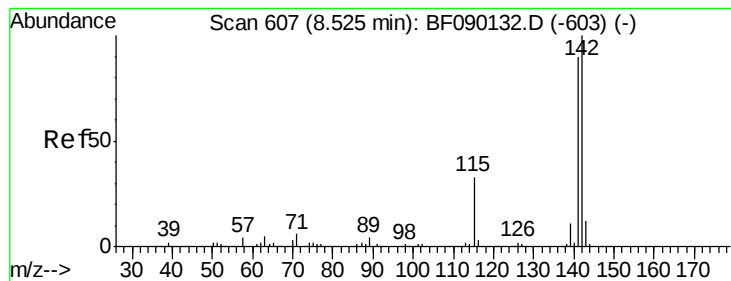
Tot Ion:113 Resp: 136233
 Ion Ratio Lower Upper
 113 100
 55 152.9 134.5 174.5
 56 110.6 93.7 133.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.11 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion:107 Resp: 392176
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.6 27.8
 142 74.1 57.0 85.6





#37

2-Methylnaphthalene

Concen: 47.16 ng

RT: 8.46 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

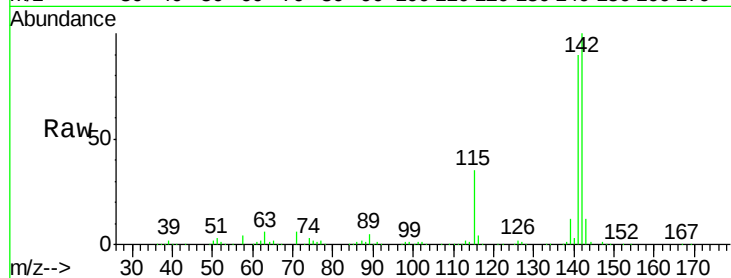
Tot Ion:142 Resp: 778769

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

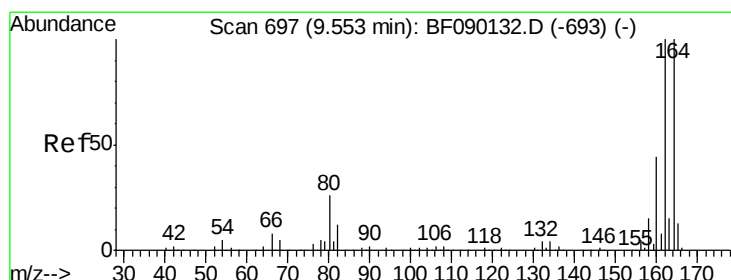
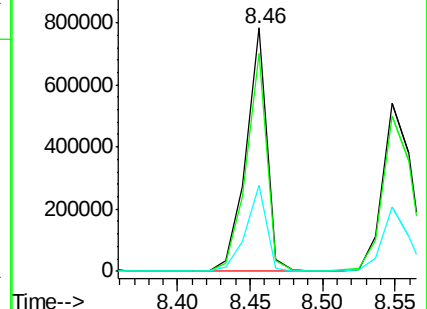
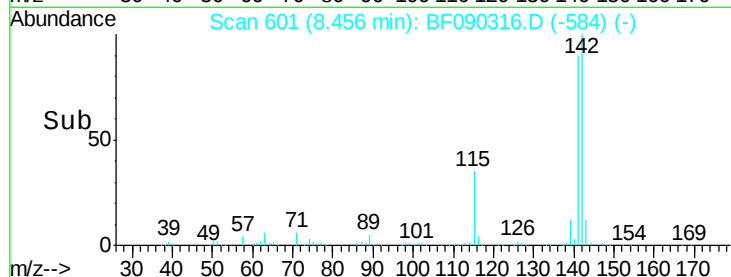
115 35.1 28.3 42.5



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: 9.48 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

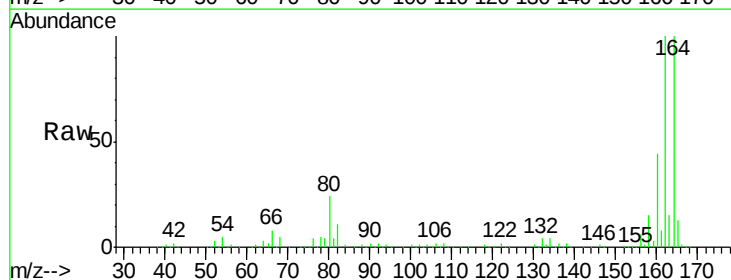
Tgt Ion:164 Resp: 298736

Ion Ratio Lower Upper

164 100

162 99.6 81.4 122.2

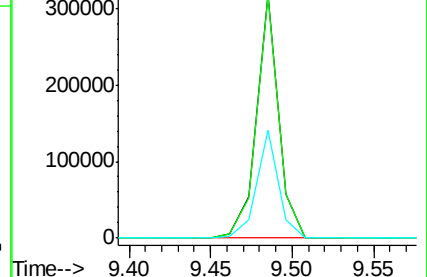
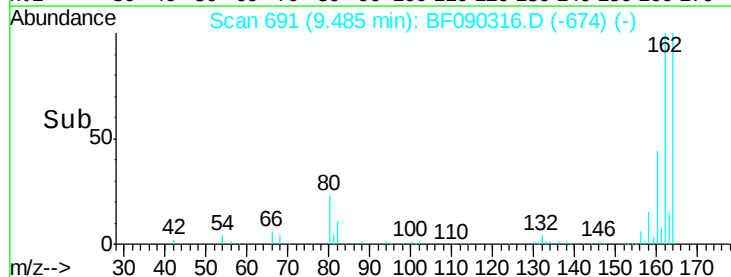
160 44.3 36.6 54.8

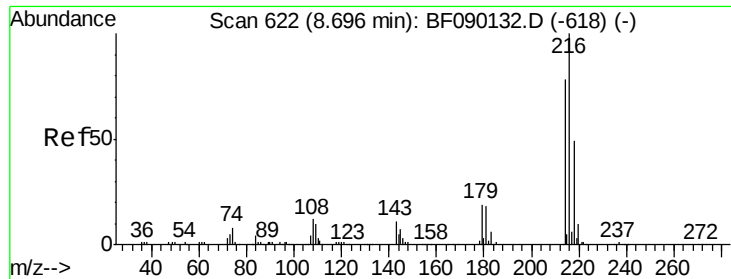


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

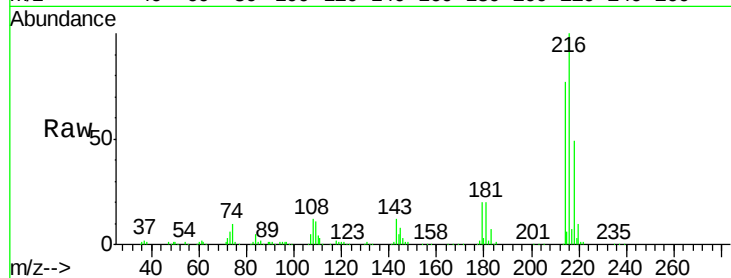




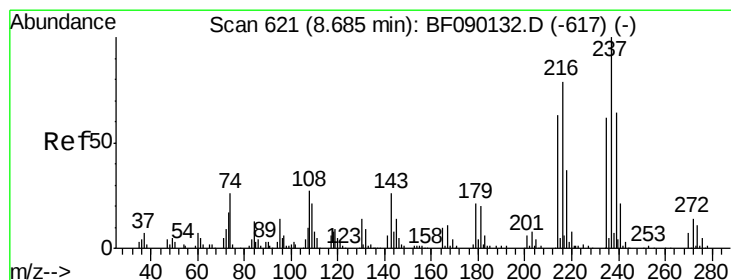
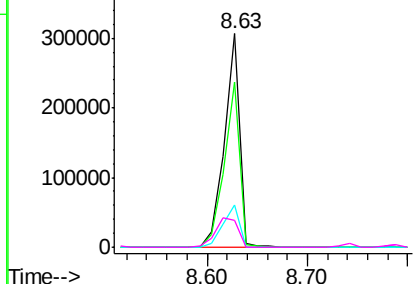
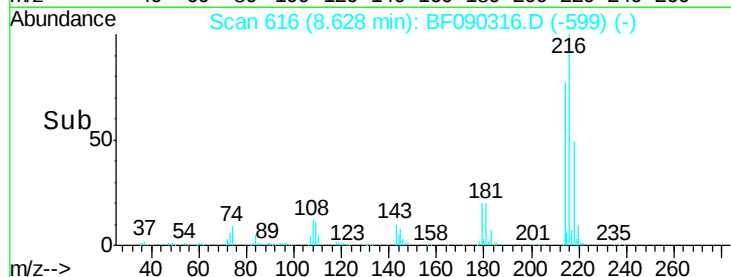
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.00 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Tot Ion:216	Resp:	322305
Ion Ratio	Lower	Upper
216	100	
214	78.1	63.7 95.5
179	21.7	18.5 27.7
108	20.5	19.5 29.3

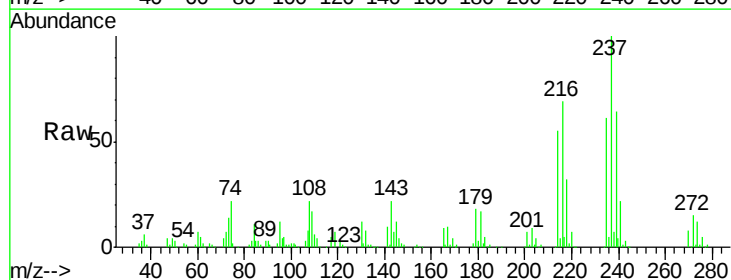


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

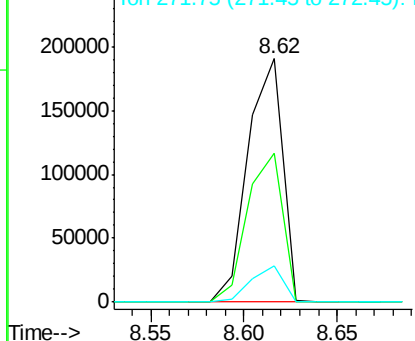
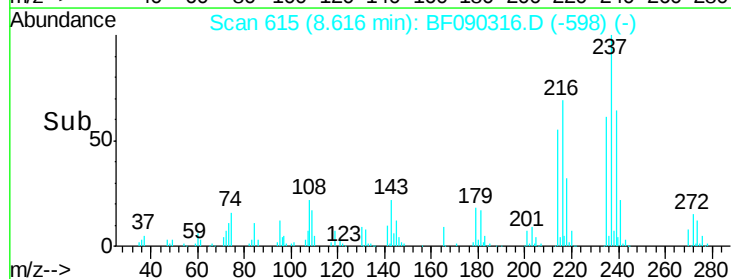


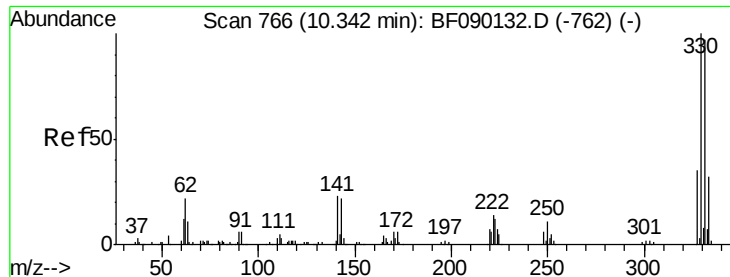
#40
 Hexachlorocyclopentadiene
 Concen: 72.61 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion:237	Resp:	245683
Ion Ratio	Lower	Upper
237	100	
235	61.2	42.5 82.5
272	14.7	0.0 32.0



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

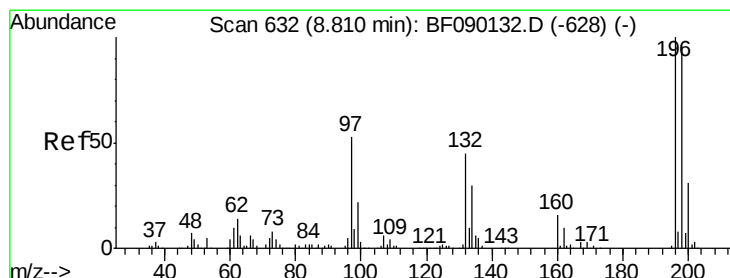
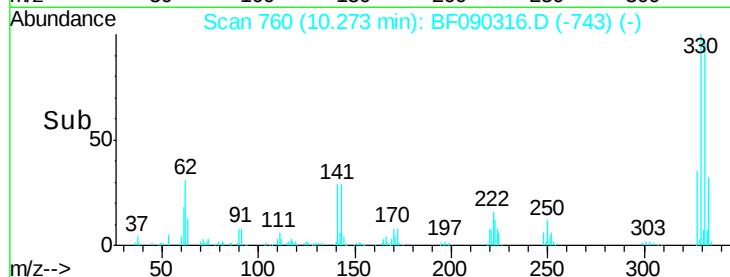
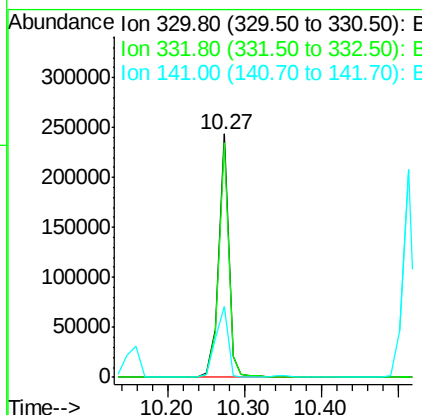
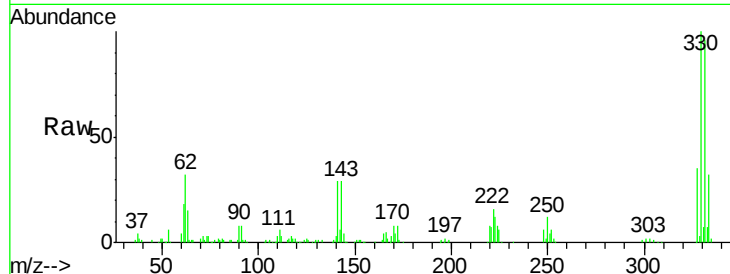




#41
 2,4,6-Tribromophenol
 Concen: 87.73 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

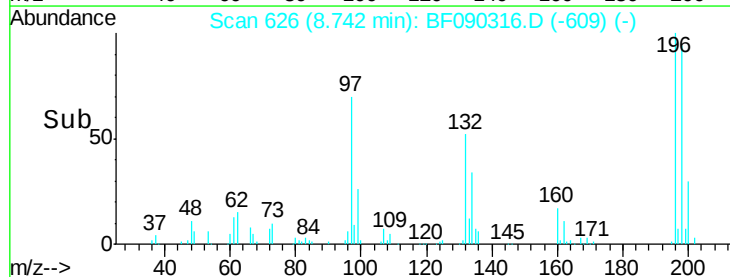
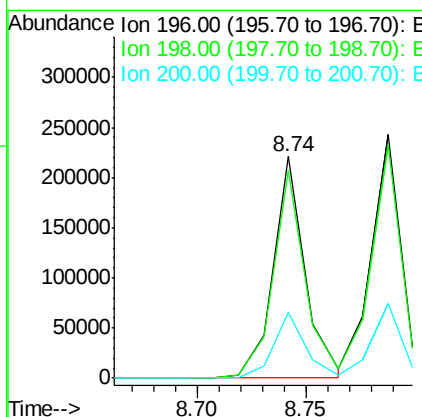
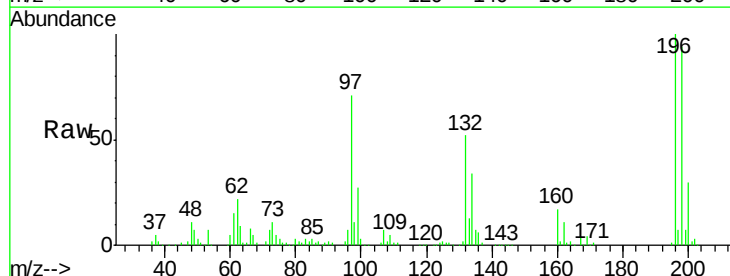
Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

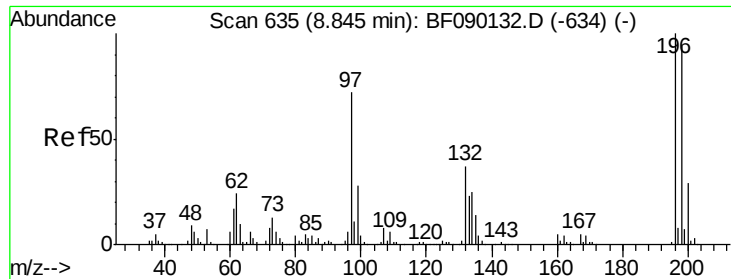
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	35.6	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.26 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.3	114.5
200	29.8	24.1	36.1

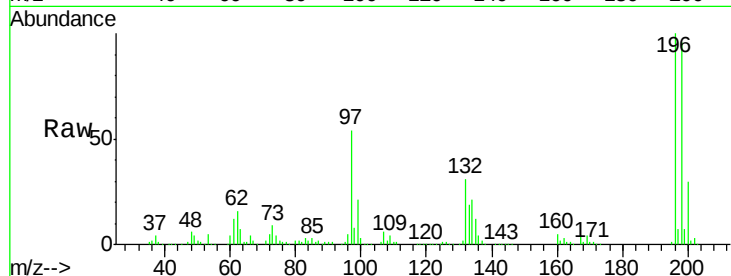




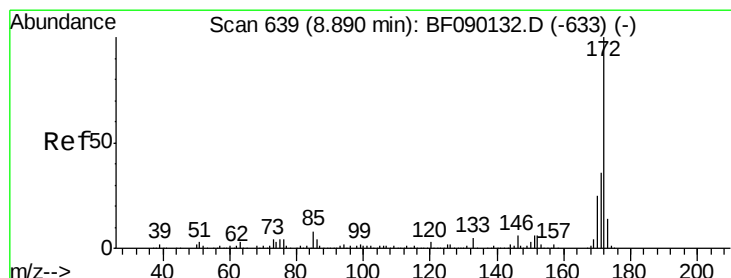
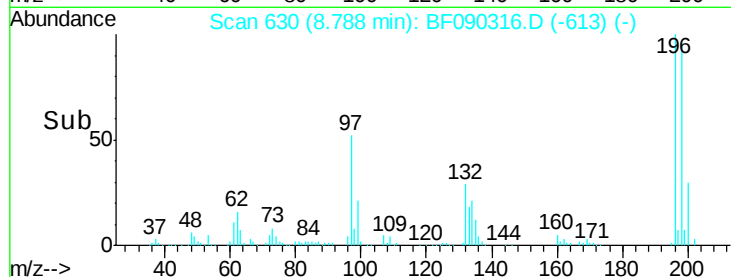
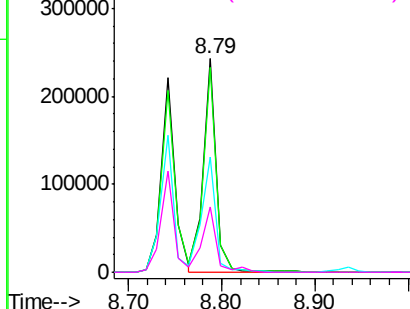
#43
 2,4,5-Trichlorophenol
 Concen: 47.27 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	114.8
97	53.7	34.4	51.6
132	30.7	22.2	33.2

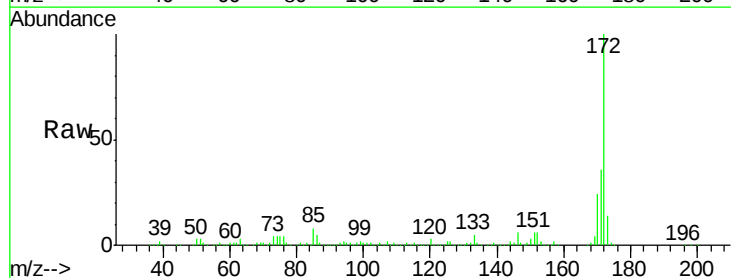


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

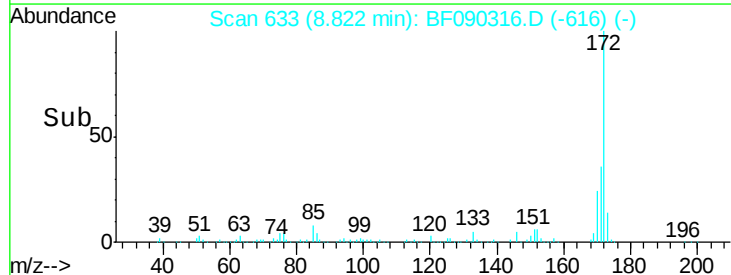
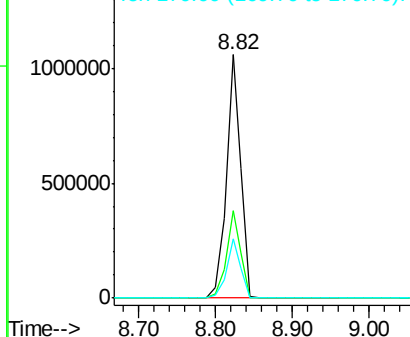


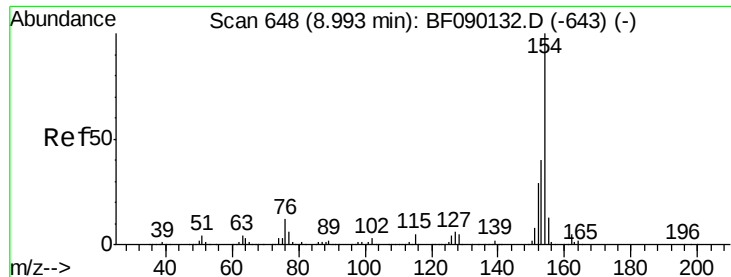
#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.4	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 47.29 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

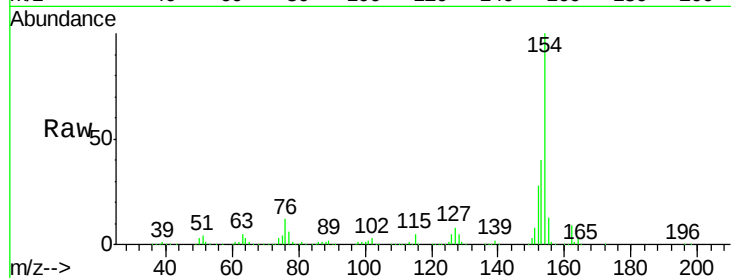
Tot Ion:154 Resp: 1010771

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

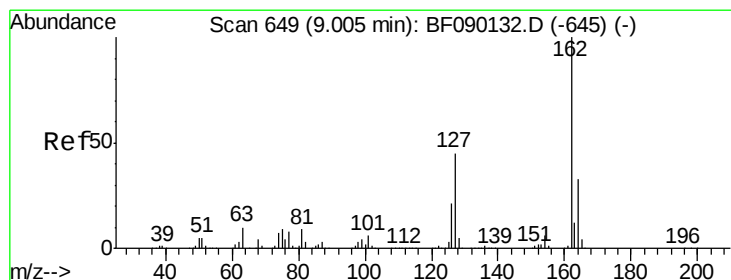
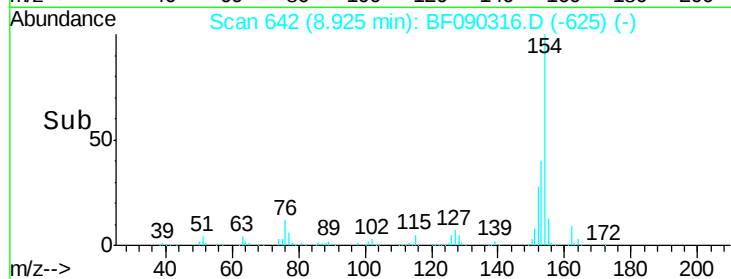
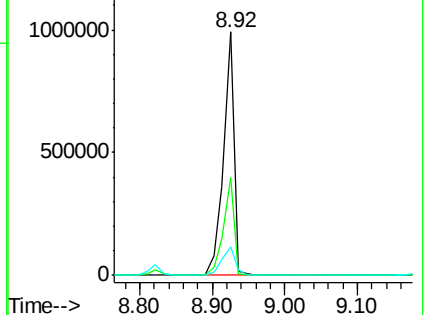
76 11.7 0.0 36.7



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: 42.54 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

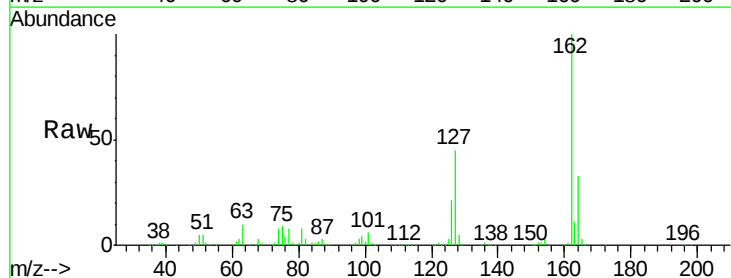
Tgt Ion:162 Resp: 670694

Ion Ratio Lower Upper

162 100

127 45.4 34.0 51.0

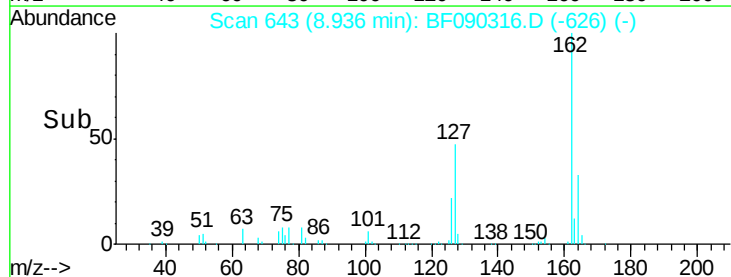
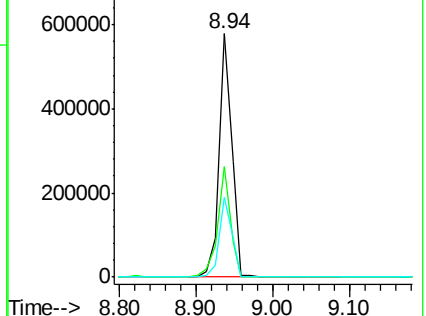
164 32.7 26.8 40.2

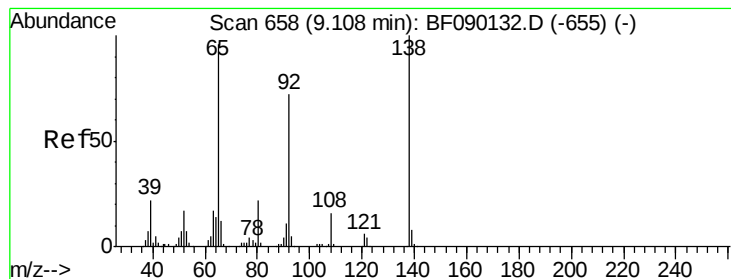


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.65 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.01 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

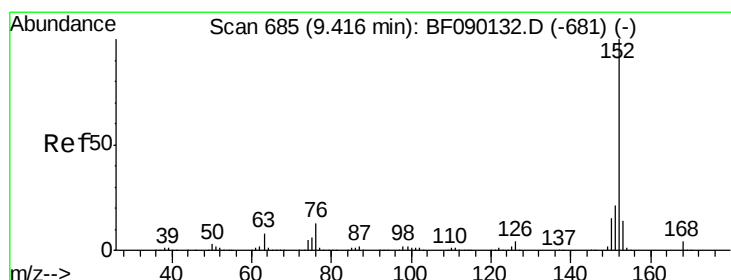
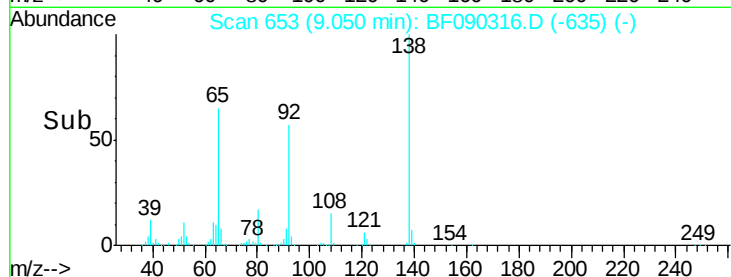
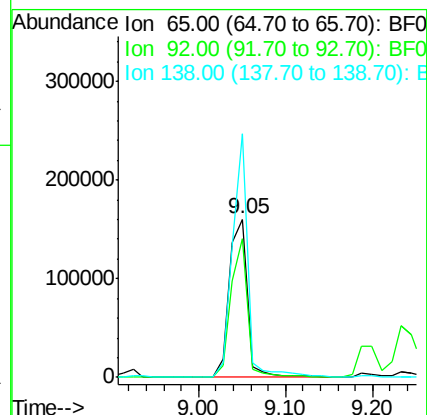
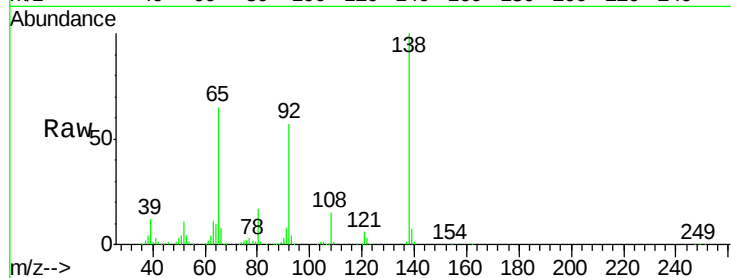
Tot Ion: 65 Resp: 236031

Ion Ratio Lower Upper

65 100

92 87.4 66.1 99.1

138 153.9 104.1 156.1



#48

Acenaphthylene

Concen: 41.18 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

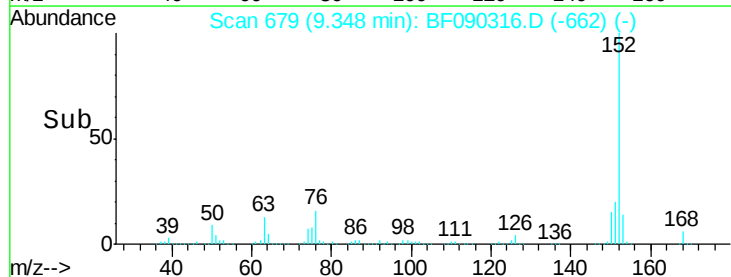
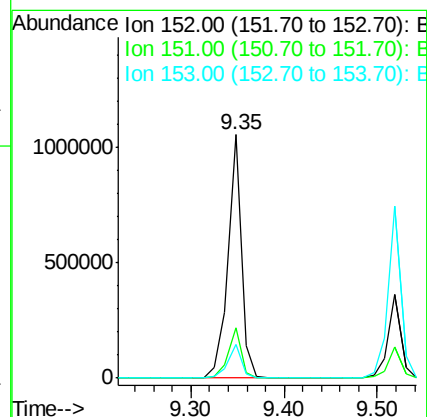
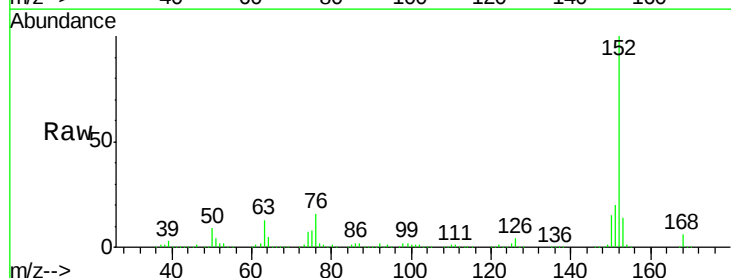
Tgt Ion: 152 Resp: 1054409

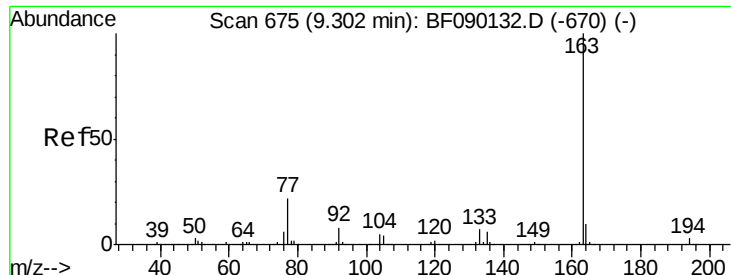
Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

153 13.7 10.6 15.8

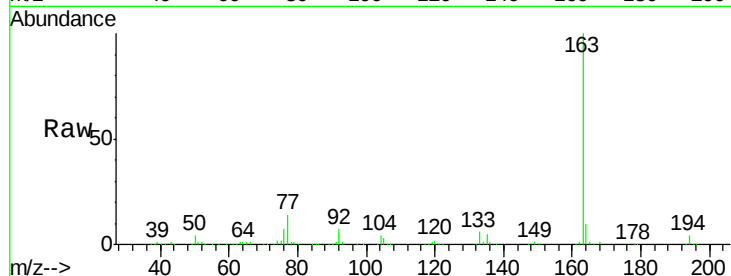




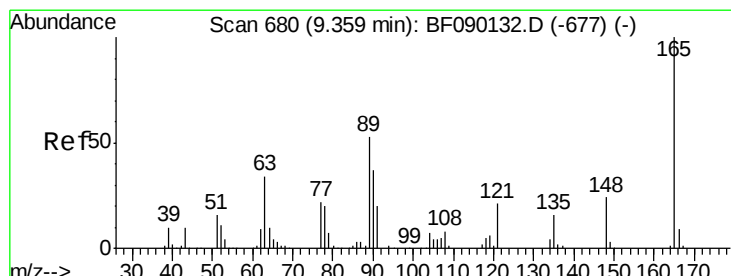
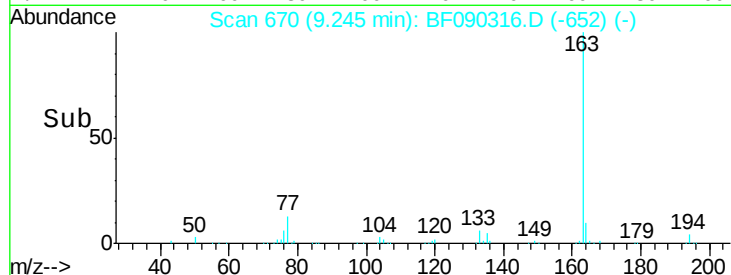
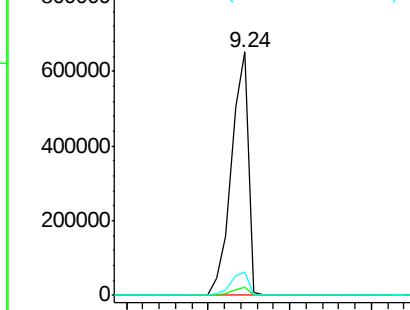
#49
Dimethylphthalate
Concen: 49.61 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Instrument :
BNA_F
ClientSampleId :
PB93703BS

Tot Ion:163 Resp: 943860
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.1 12.1

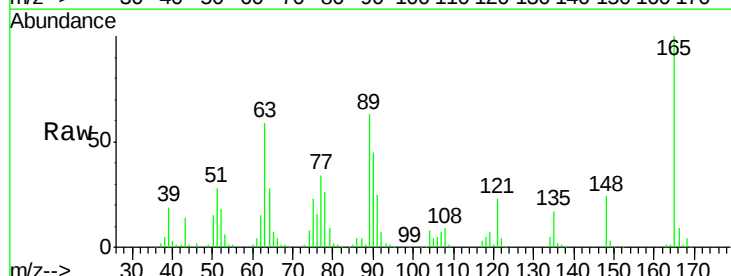


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

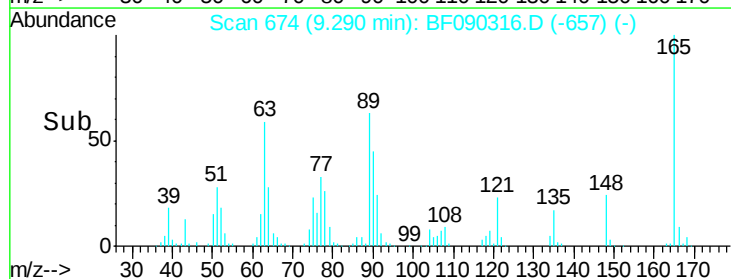
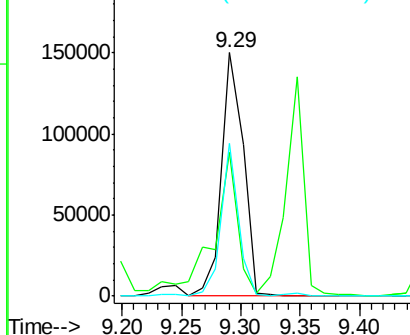


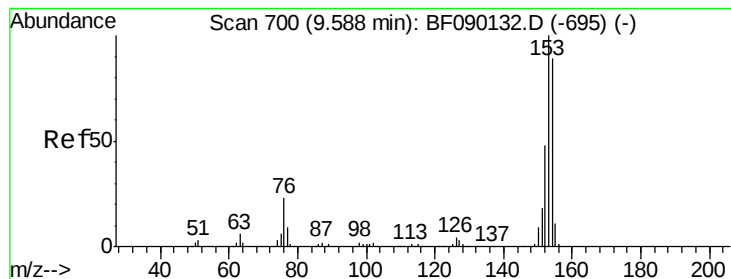
#50
2,6-Dinitrotoluene
Concen: 44.66 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:165 Resp: 189411
Ion Ratio Lower Upper
165 100
63 59.3 49.9 74.9
89 62.9 51.0 76.4



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: 41.79 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

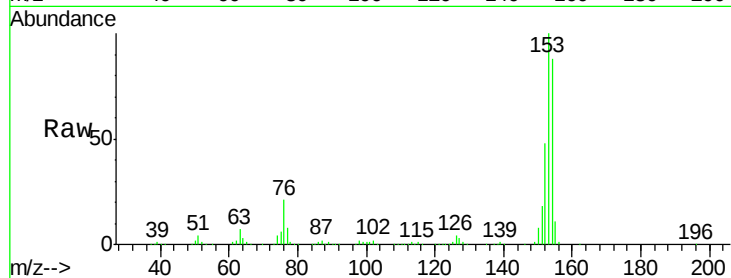
Tot Ion:154 Resp: 635249

Ion Ratio Lower Upper

154 100

153 113.1 90.8 136.2

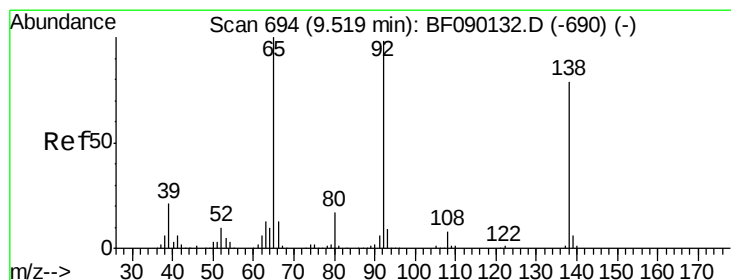
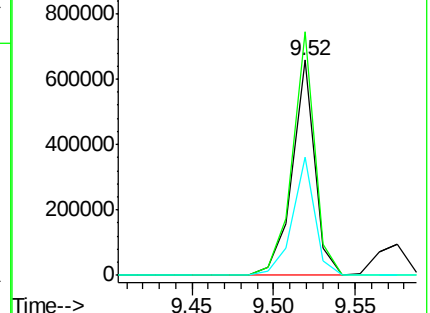
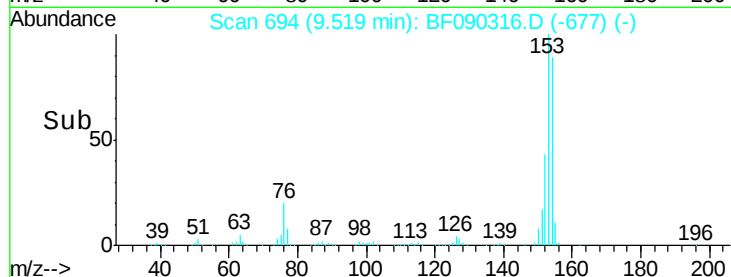
152 54.7 44.2 66.4



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: 29.63 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

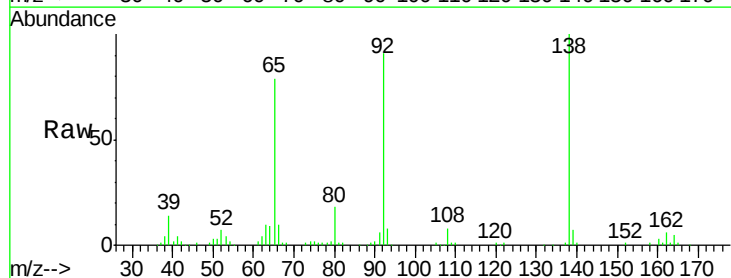
Tgt Ion:138 Resp: 147315

Ion Ratio Lower Upper

138 100

108 8.4 7.8 11.6

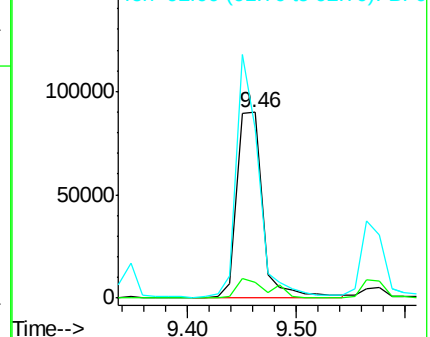
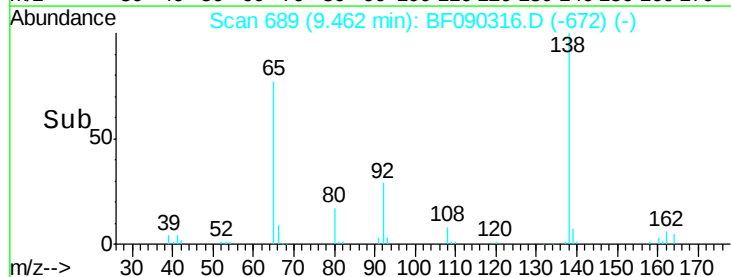
92 91.3 90.7 136.1

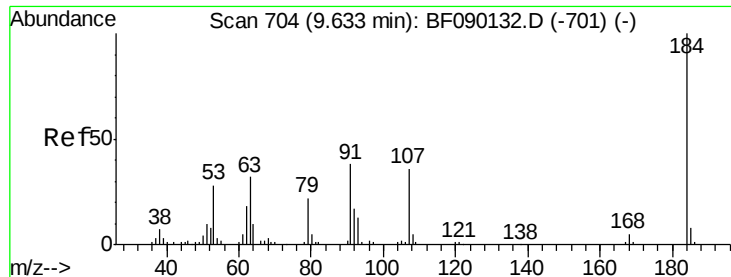


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

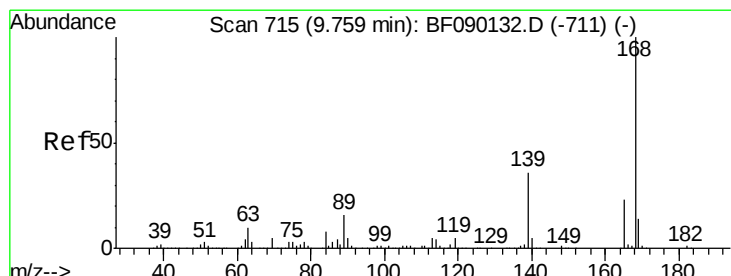
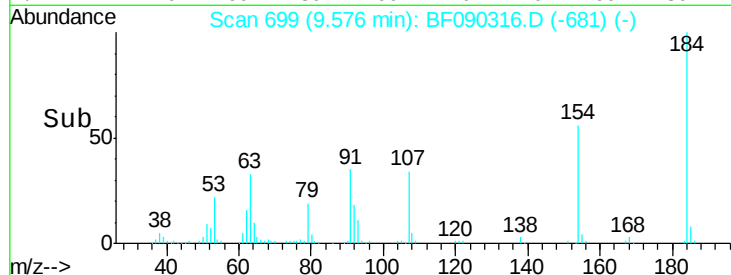
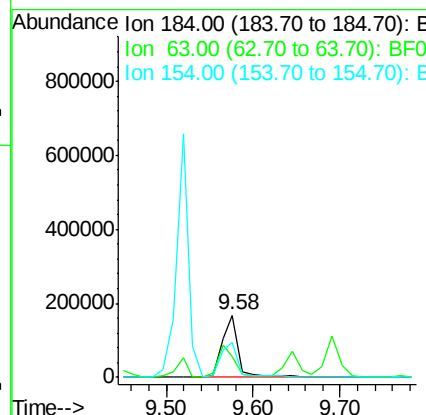
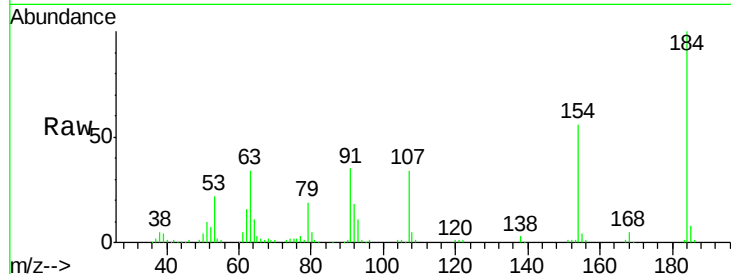




#53
 2,4-Dinitrophenol
 Concen: 93.98 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

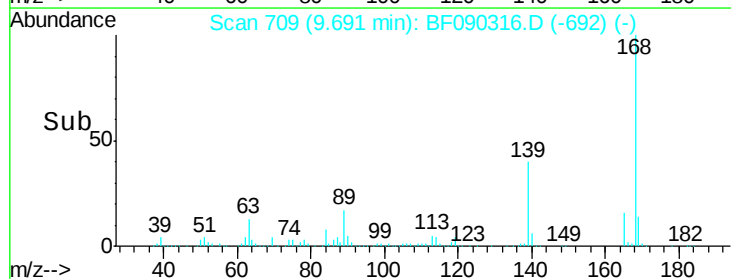
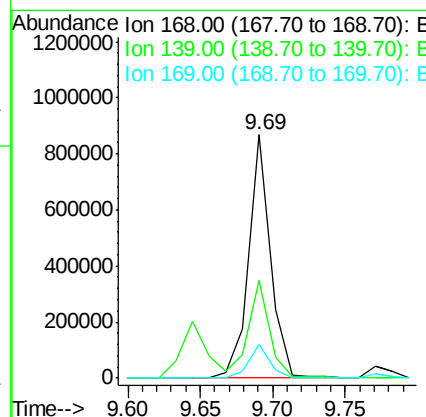
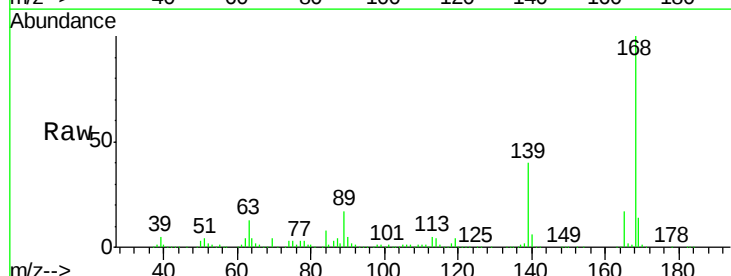
Instrument :
 BNA_F
 ClientSampled :
 PB93703BS

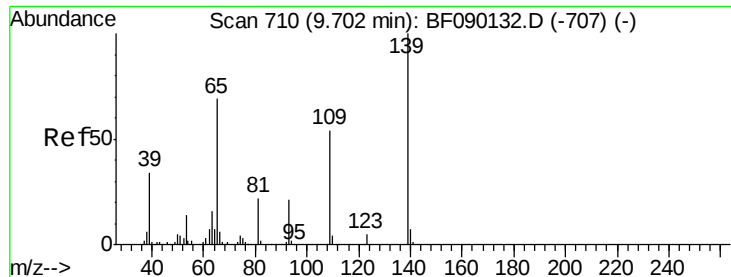
Tot Ion:184 Resp: 224292
 Ion Ratio Lower Upper
 184 100
 63 34.3 44.6 67.0#
 154 55.9 49.7 74.5



#54
 Dibenzofuran
 Concen: 45.59 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion:168 Resp: 911877
 Ion Ratio Lower Upper
 168 100
 139 40.3 28.8 43.2
 169 13.8 10.7 16.1





#55

4-Nitrophenol

Concen: 73.89 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

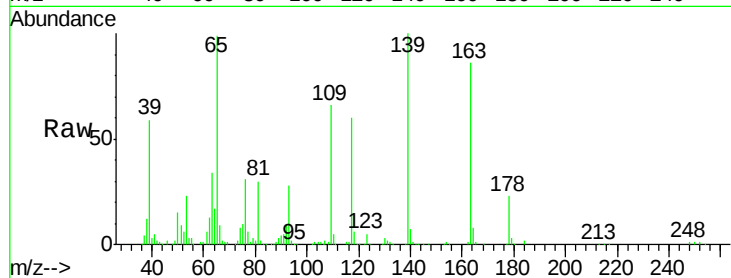
Tot Ion:139 Resp: 251676

Ion Ratio Lower Upper

139 100

109 65.5 35.6 75.6

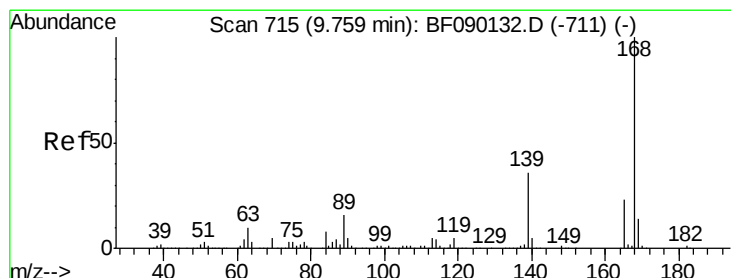
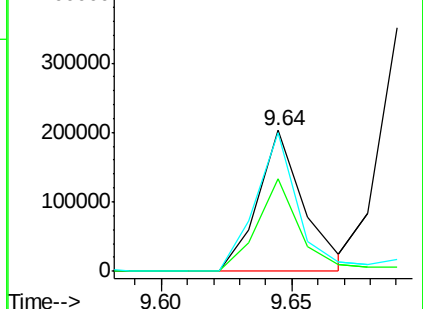
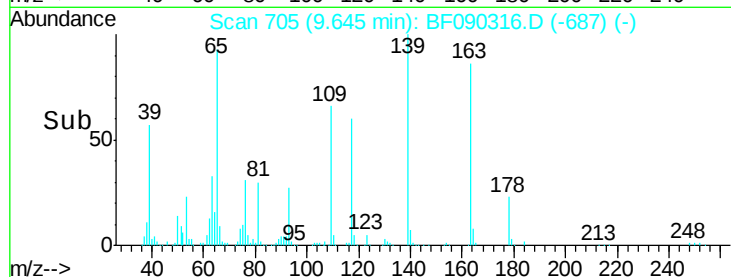
65 98.5 55.5 95.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.10 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Tgt Ion:165 Resp: 241197

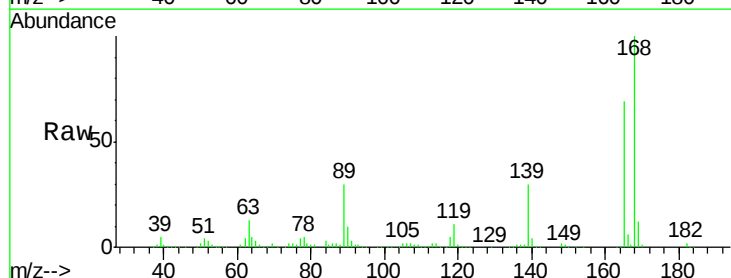
Ion Ratio Lower Upper

165 100

63 19.6 44.4 66.6#

89 42.9 70.1 105.1#

182 2.4 1.7 2.5

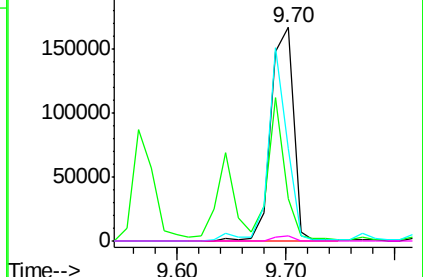
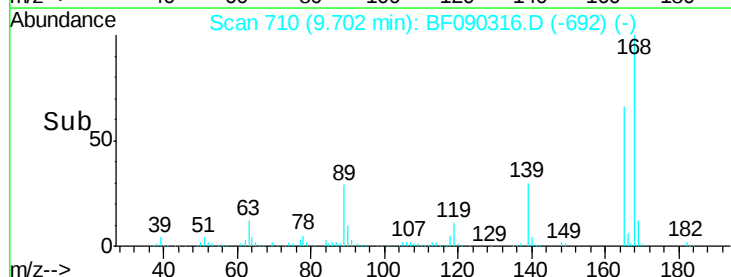


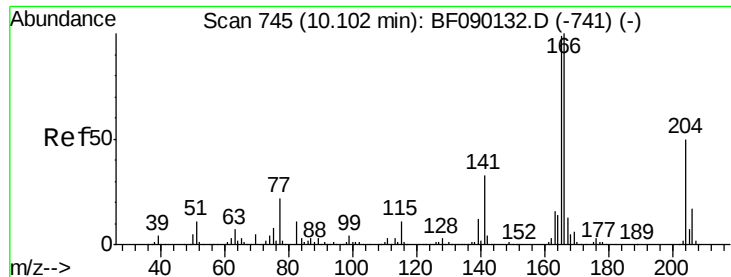
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

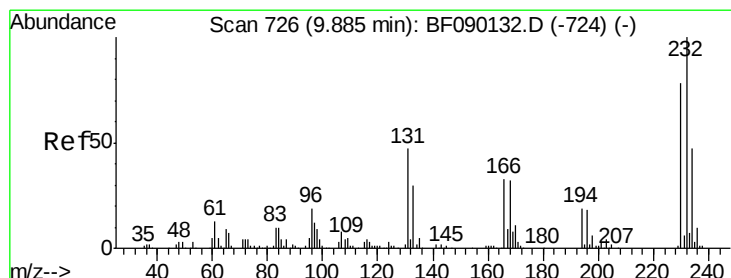
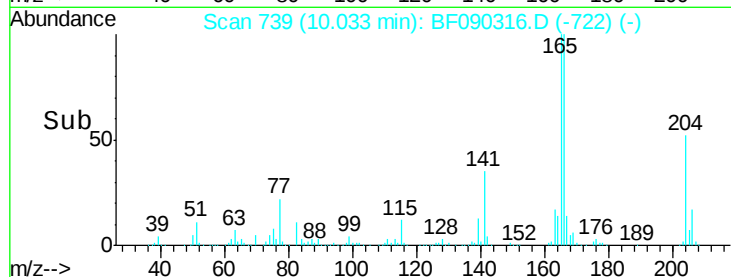
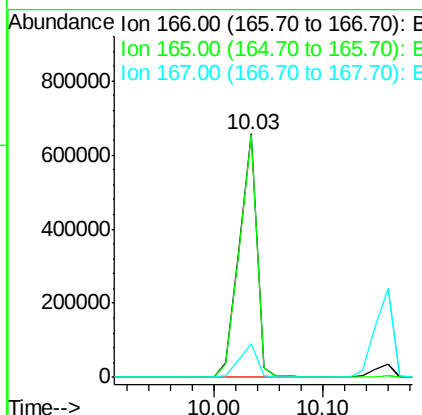
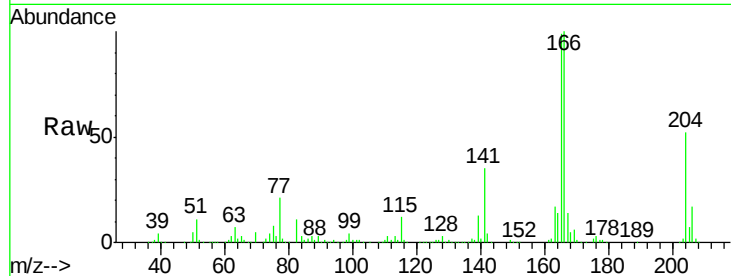




#57
 Fluorene
 Concen: 48.72 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

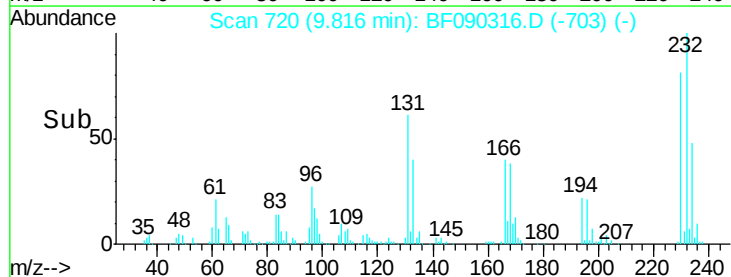
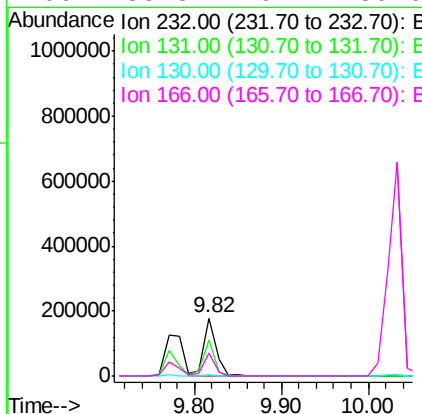
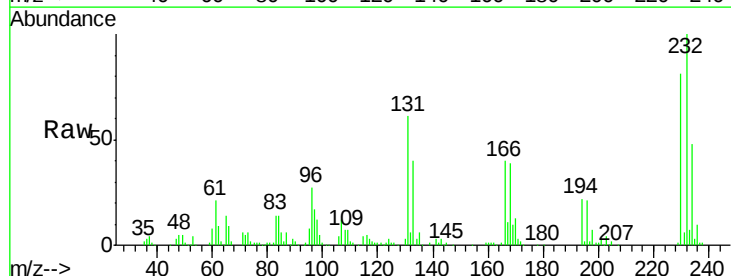
Instrument :
 BNA_F
 ClientSampled :
 PB93703BS

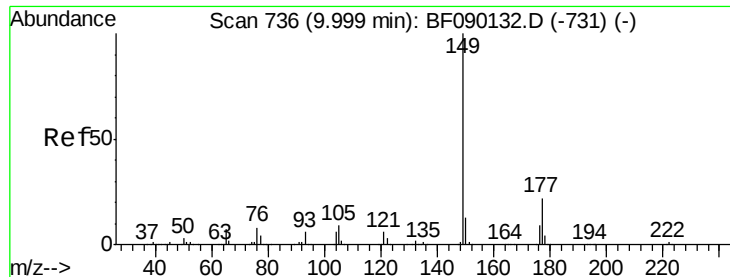
Tot Ion:166 Resp: 734473
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.5 117.7
 167 13.6 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.59 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion:232 Resp: 180261
 Ion Ratio Lower Upper
 232 100
 131 53.2 42.2 63.4
 130 2.5 1.9 2.9
 166 35.3 26.4 39.6

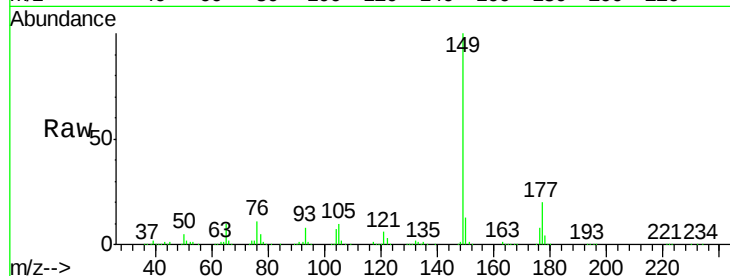




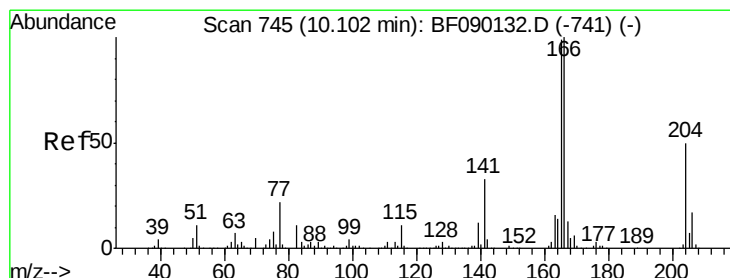
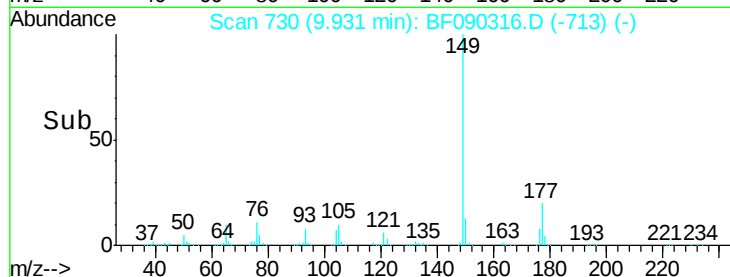
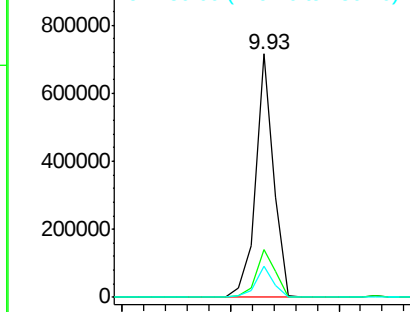
#59
Diethylphthalate
Concen: 44.65 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Instrument :
BNA_F
ClientSampleId :
PB93703BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.8	15.8	23.6
150	12.9	10.4	15.6

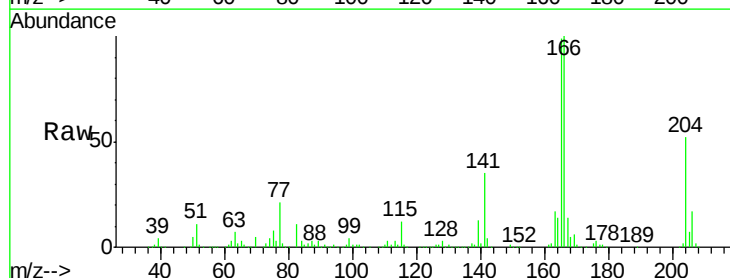


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

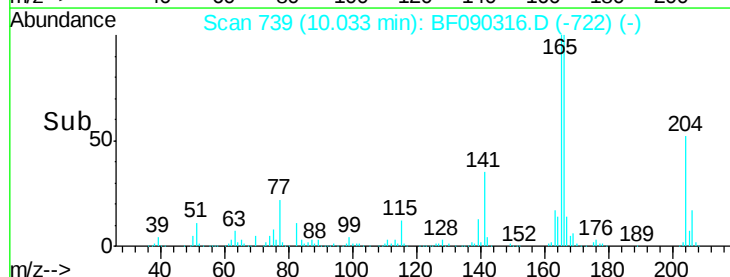
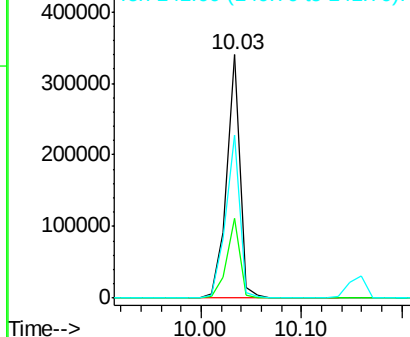


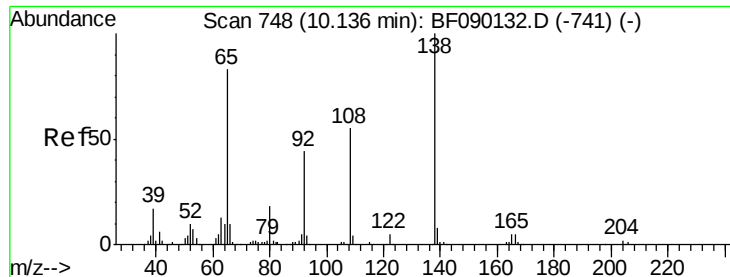
#60
4-Chlorophenyl-phenylether
Concen: 45.92 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.6	38.4
141	67.2	64.4	96.6



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: 38.56 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

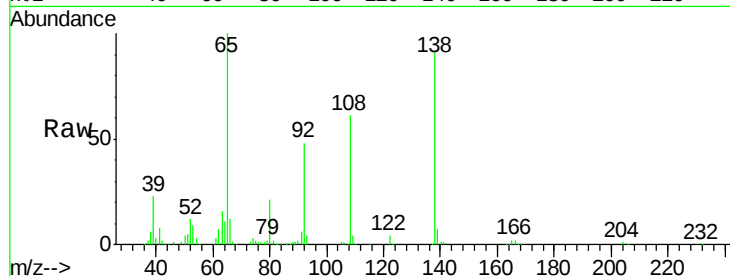
Tot Ion:138 Resp: 195426

Ion Ratio Lower Upper

138 100

92 52.9 23.8 63.8

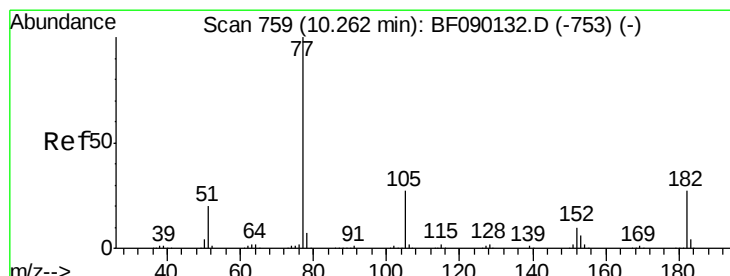
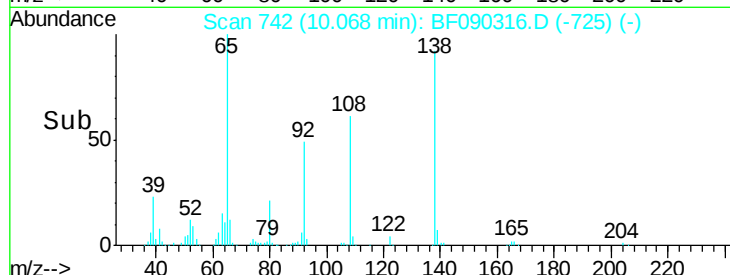
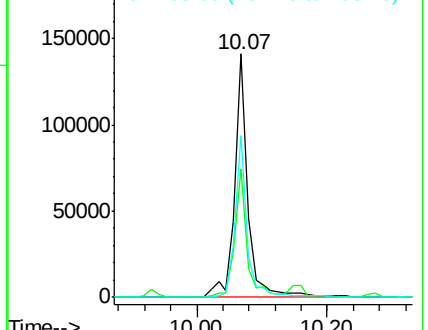
108 66.3 35.0 75.0



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: 52.20 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Tgt Ion: 77 Resp: 998453

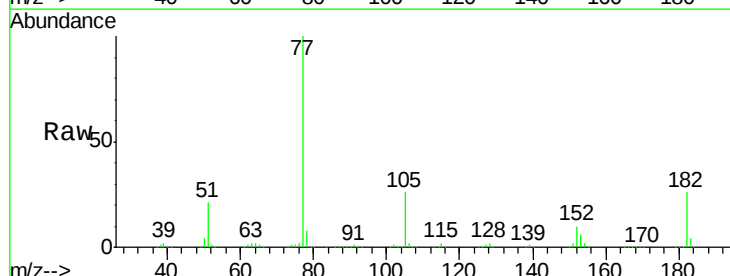
Ion Ratio Lower Upper

77 100

182 26.2 0.0 38.4

105 26.0 3.8 43.8

51 21.0 2.6 42.6

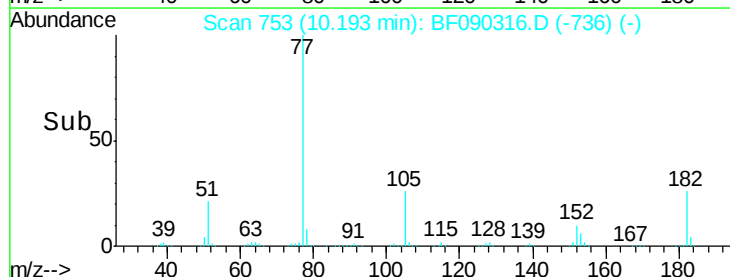
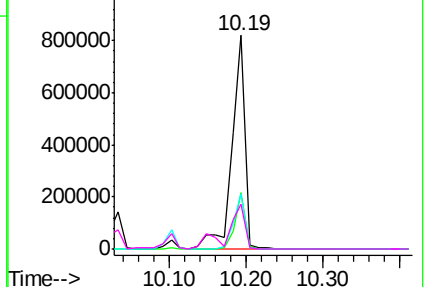


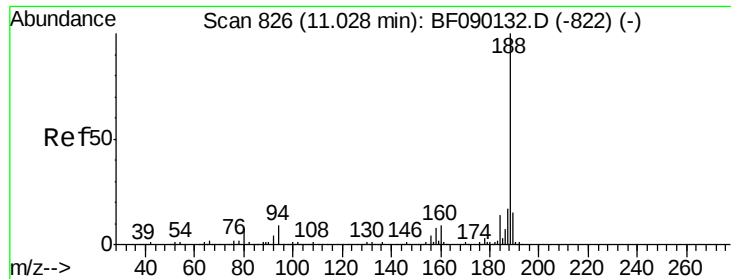
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

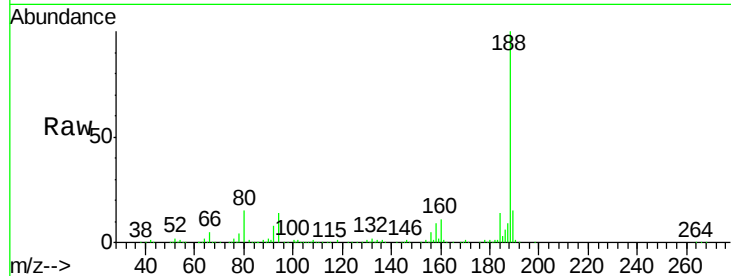




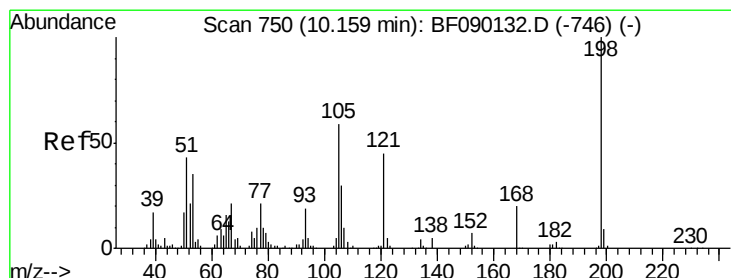
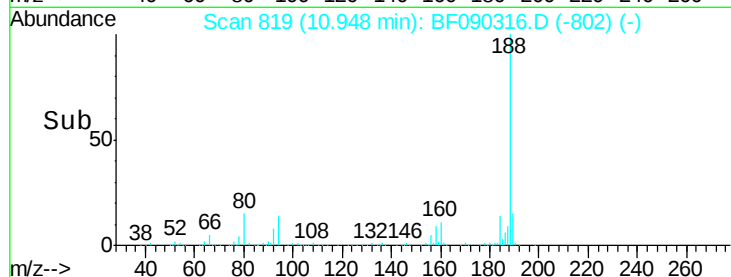
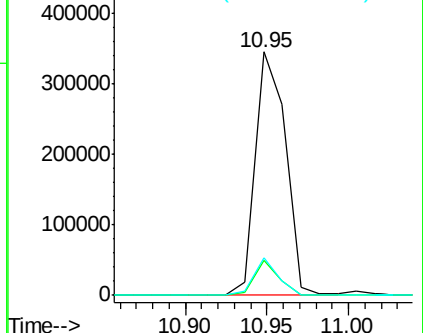
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Instrument :
BNA_F
ClientSampleId :
PB93703BS

Tot Ion:188 Resp: 445975
Ion Ratio Lower Upper
188 100
94 14.3 10.5 15.7
80 15.2 11.2 16.8

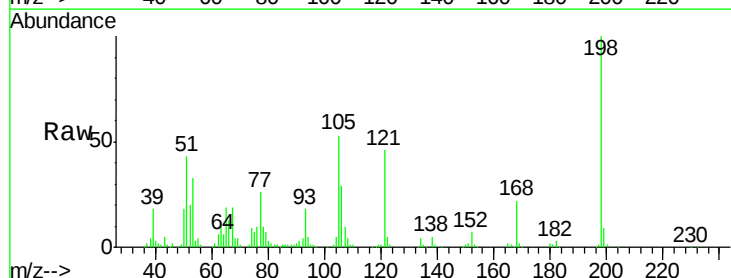


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

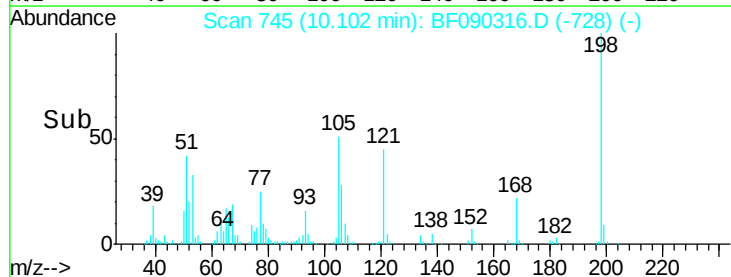
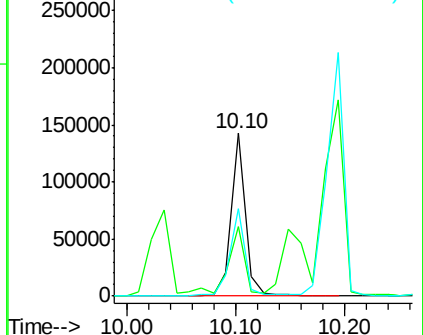


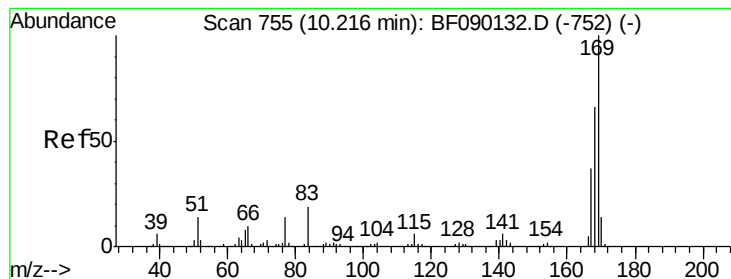
#64
4,6-Dinitro-2-methylphenol
Concen: 46.68 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:198 Resp: 130406
Ion Ratio Lower Upper
198 100
51 43.1 5.5 45.5
105 53.4 21.8 61.8



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

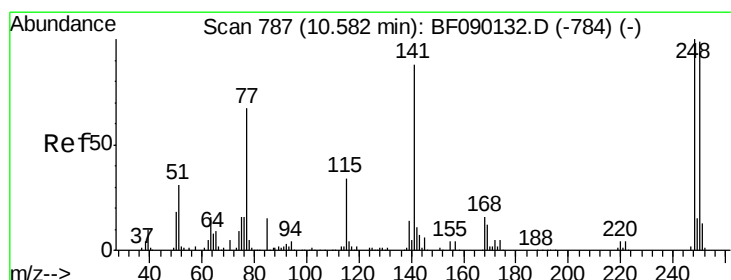
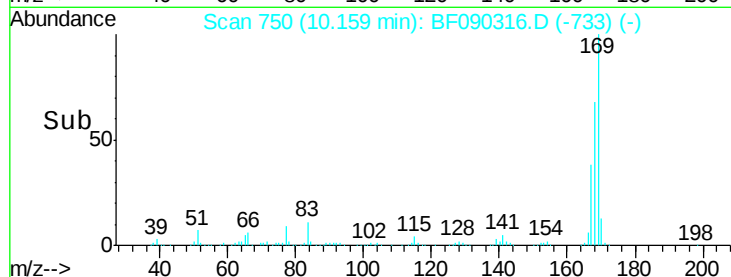
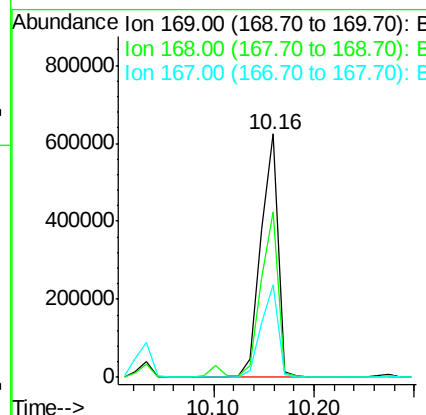
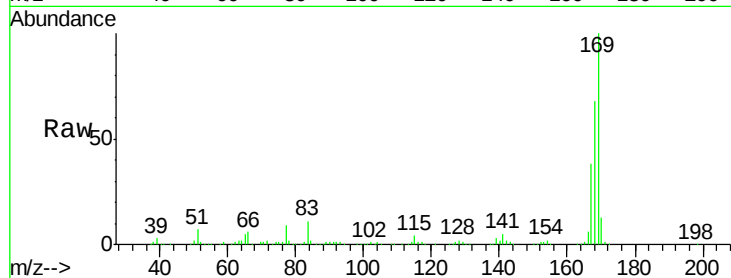




#65
n-Nitrosodiphenylamine
Concen: 50.64 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

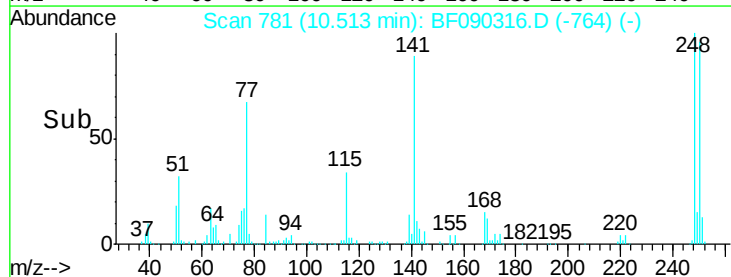
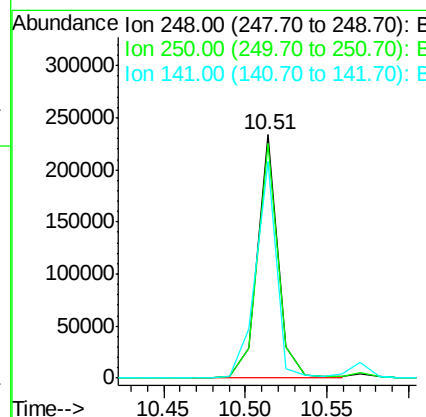
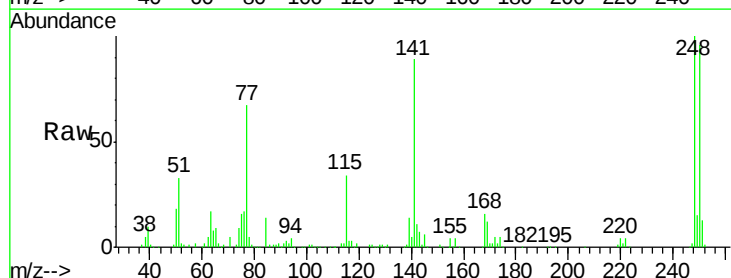
Instrument :
BNA_F
ClientSampleId :
PB93703BS

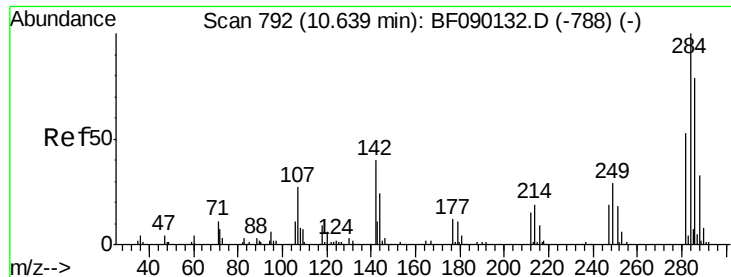
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.2	81.4
167	38.2	30.3	45.5



#66
4-Bromophenyl-phenylether
Concen: 46.85 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.4	119.2
141	88.9	49.3	73.9

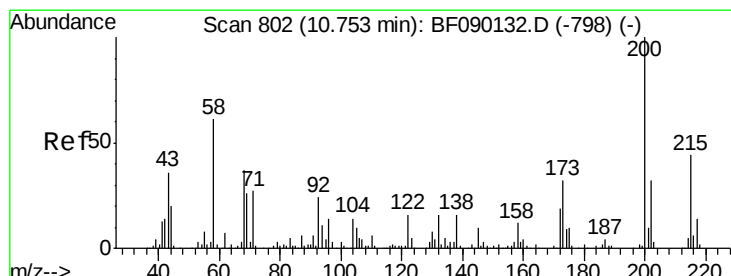
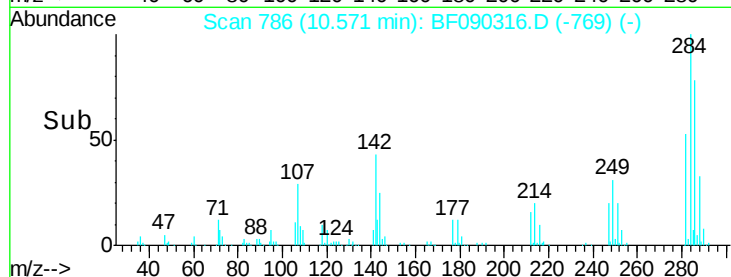
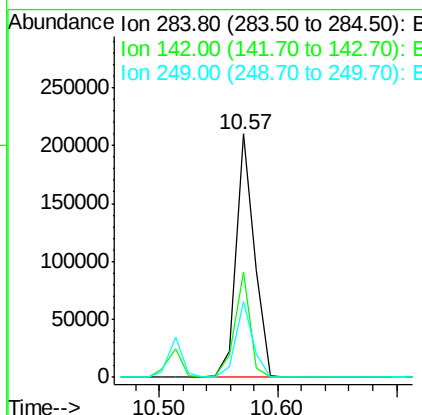
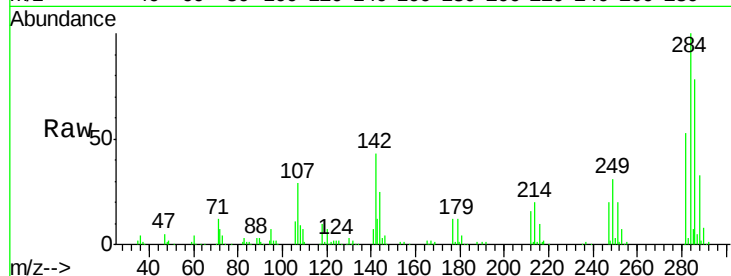




#67
Hexachlorobenzene
Concen: 44.03 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

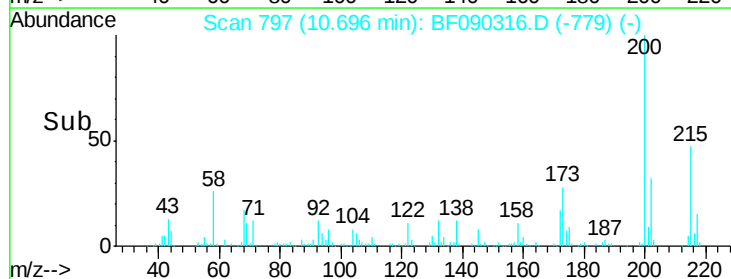
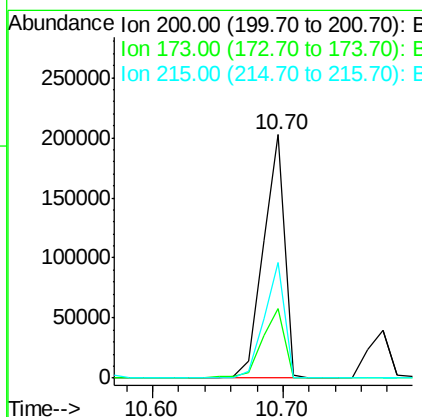
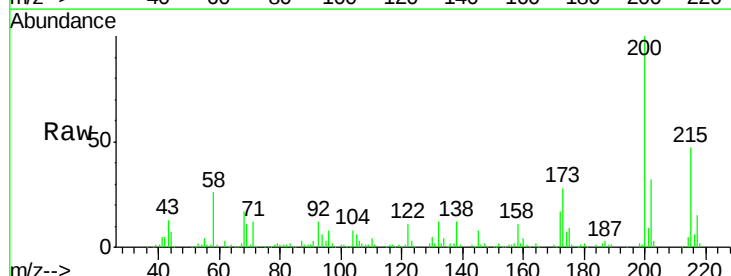
Instrument :
BNA_F
ClientSampleId :
PB93703BS

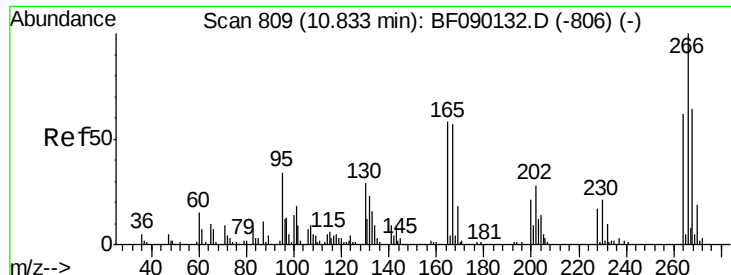
Tot Ion:284 Resp: 225195
Ion Ratio Lower Upper
284 100
142 43.3 24.0 36.0#
249 31.4 23.8 35.6



#68
Atrazine
Concen: 57.32 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:200 Resp: 230340
Ion Ratio Lower Upper
200 100
173 28.4 9.3 49.3
215 47.4 26.1 66.1

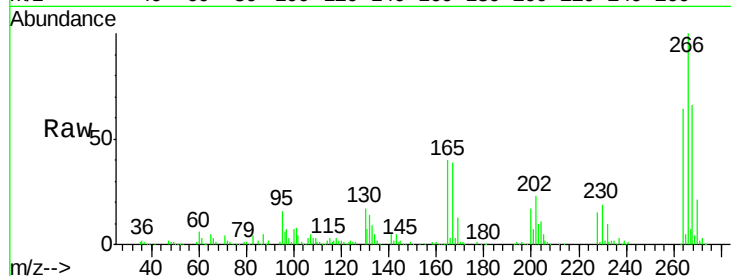




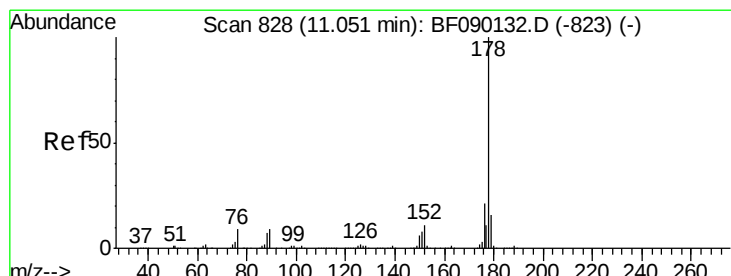
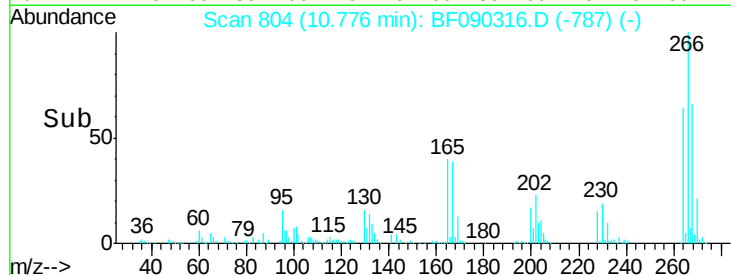
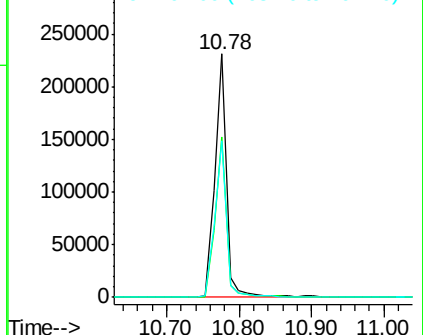
#69
 Pentachlorophenol
 Concen: 89.03 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Tot Ion:266 Resp: 258460
 Ion Ratio Lower Upper
 266 100
 268 65.8 52.1 78.1
 264 64.5 50.3 75.5

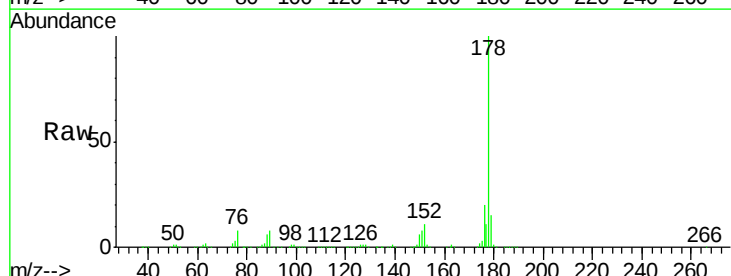


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

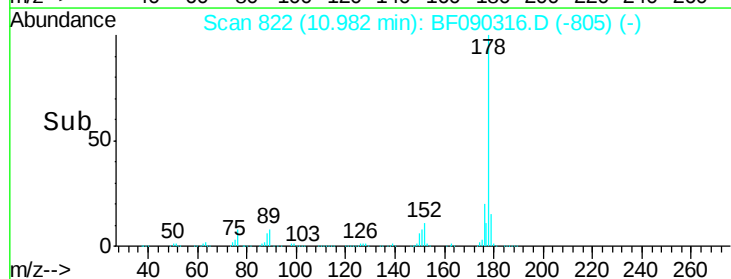
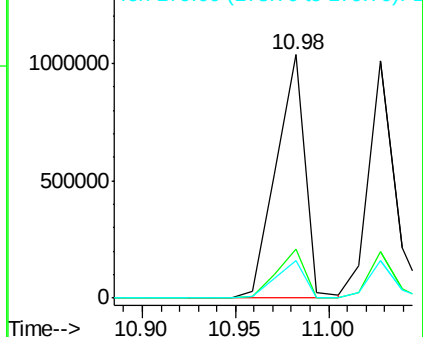


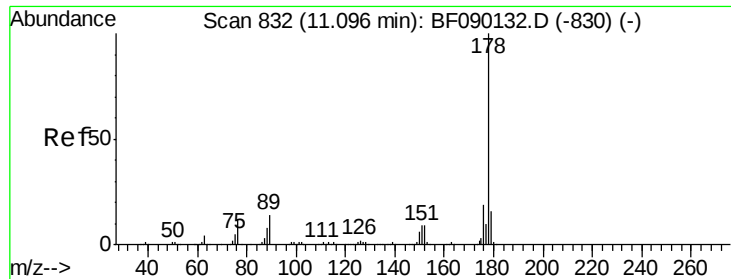
#70
 Phenanthrene
 Concen: 53.59 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion:178 Resp: 1117800
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 15.5 12.9 19.3



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: 44.22 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

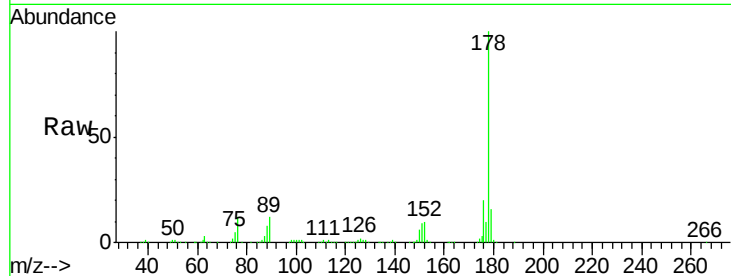
Tot Ion:178 Resp: 967305

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

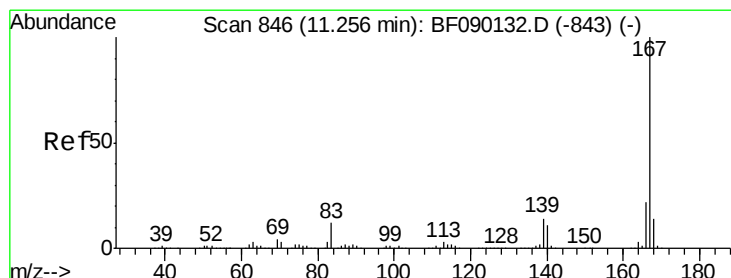
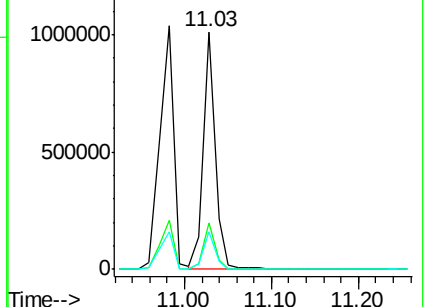
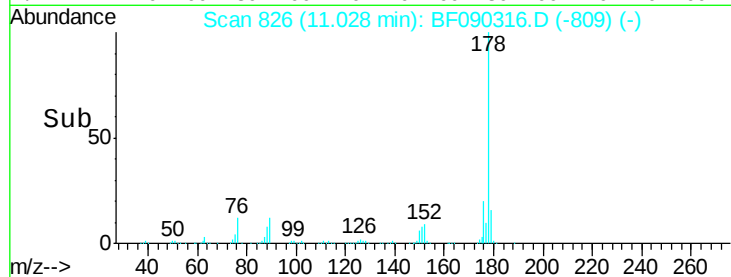
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.81 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

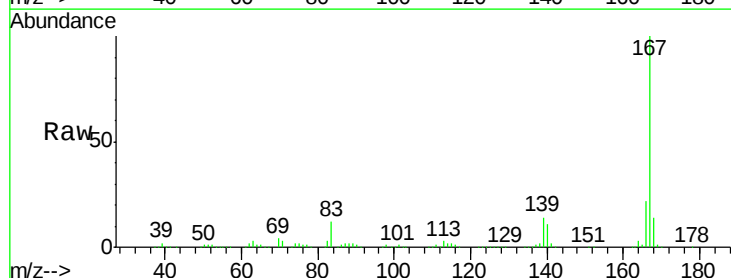
Tgt Ion:167 Resp: 943861

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

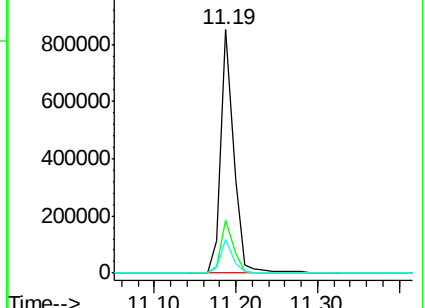
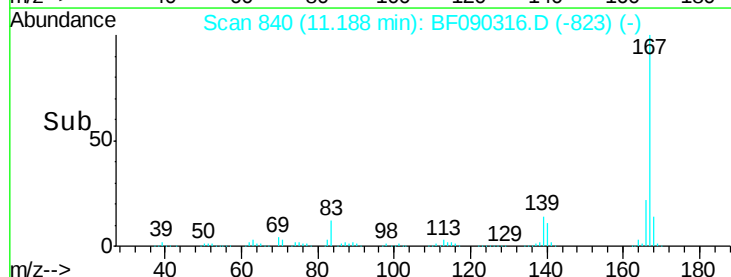
139 14.1 10.4 15.6

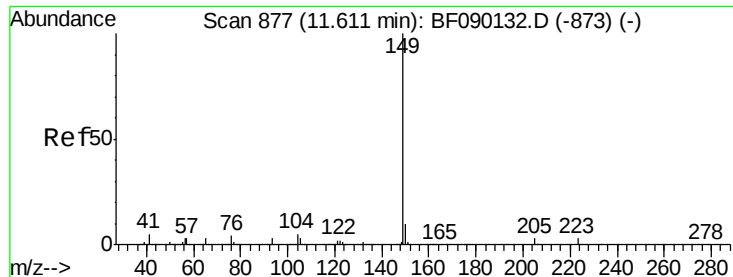


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.63 ng

RT: 11.54 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

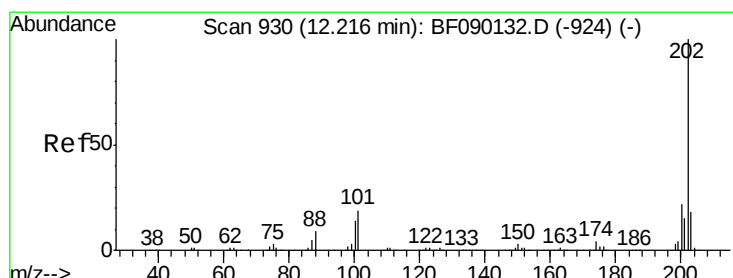
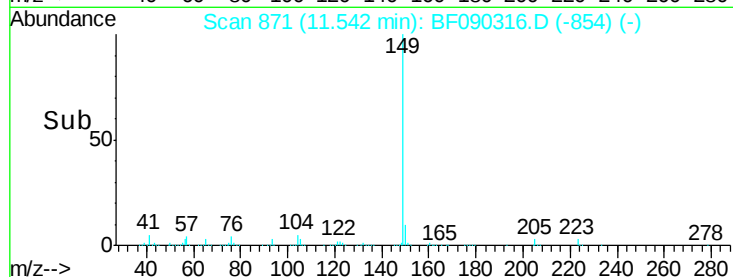
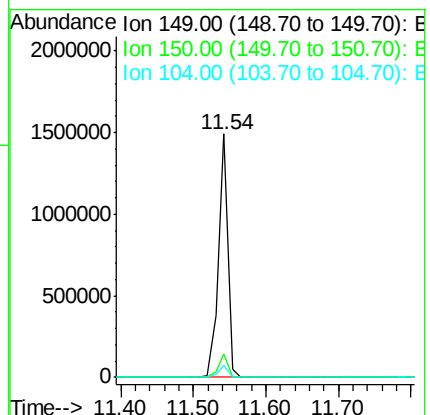
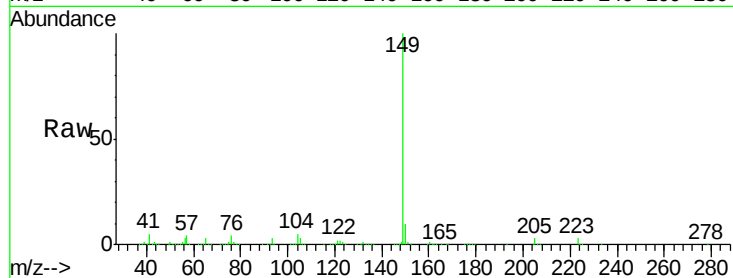
Tot Ion:149 Resp: 1334617

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 4.8 3.9 5.9



#74

Fluoranthene

Concen: 41.81 ng

RT: 12.15 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

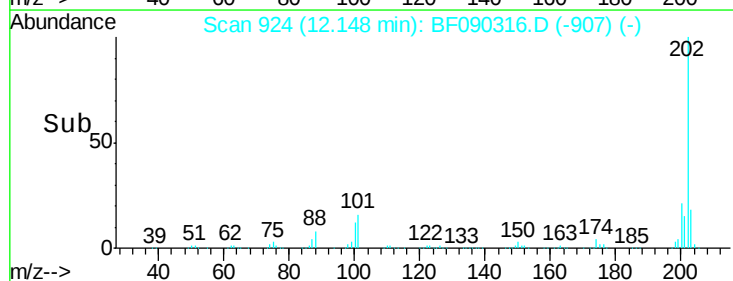
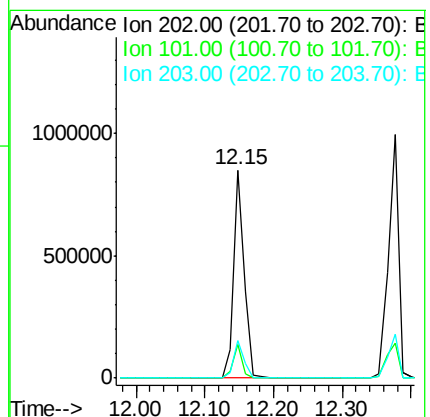
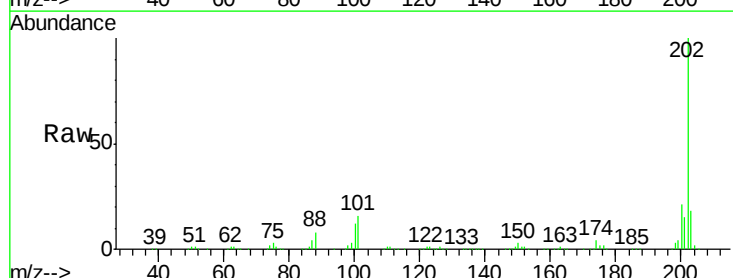
Tgt Ion:202 Resp: 936075

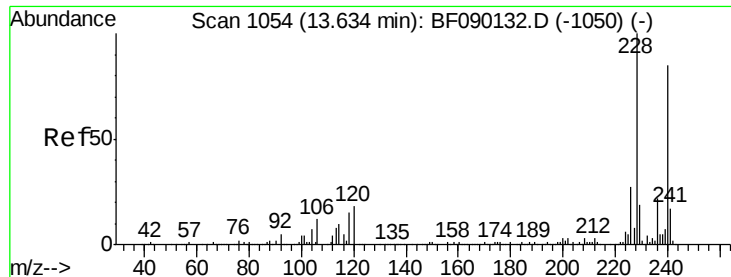
Ion Ratio Lower Upper

202 100

101 16.3 0.0 36.1

203 18.2 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.57 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

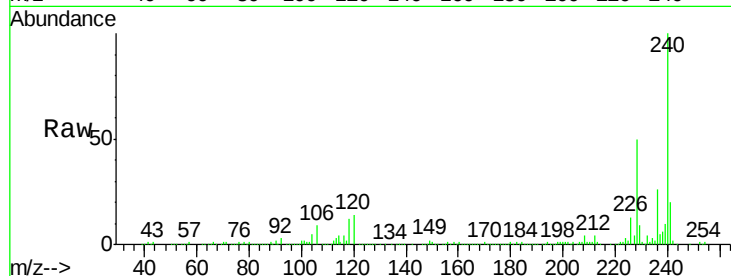
Tot Ion:240 Resp: 300134

Ion Ratio Lower Upper

240 100

120 13.7 10.6 16.0

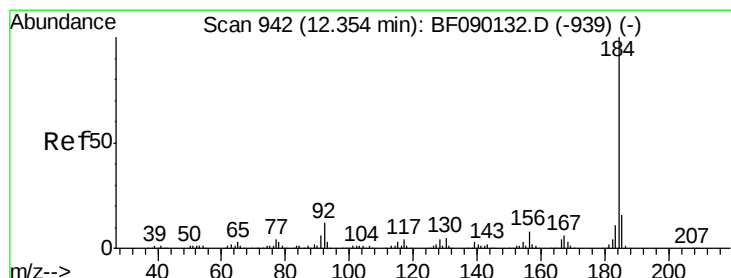
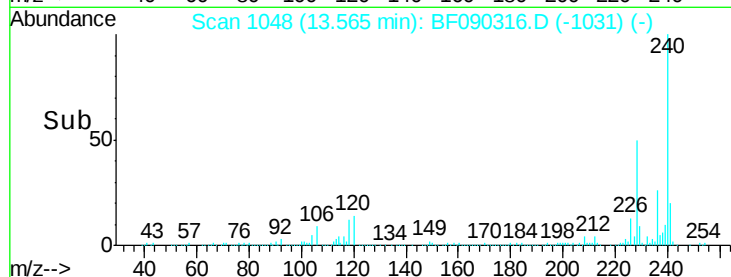
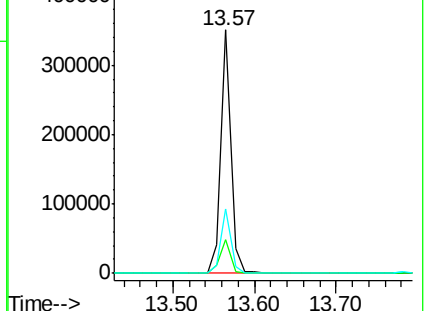
236 26.4 21.6 32.4



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: 44.21 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

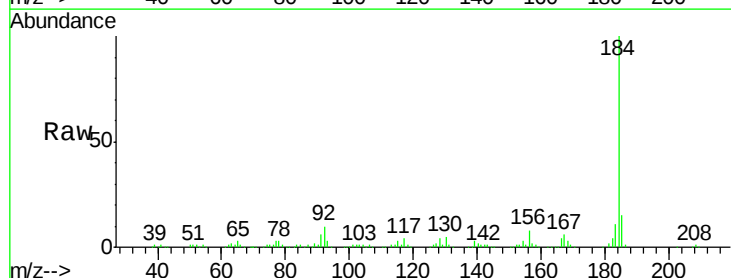
Tgt Ion:184 Resp: 444099

Ion Ratio Lower Upper

184 100

185 14.6 13.2 19.8

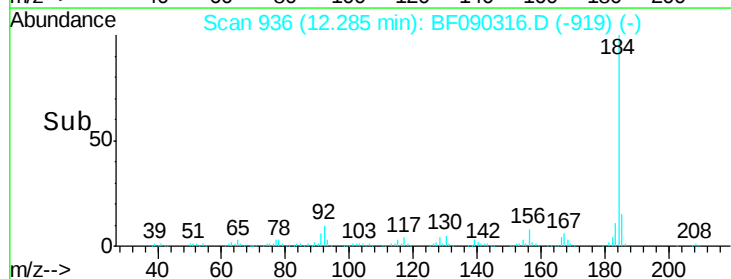
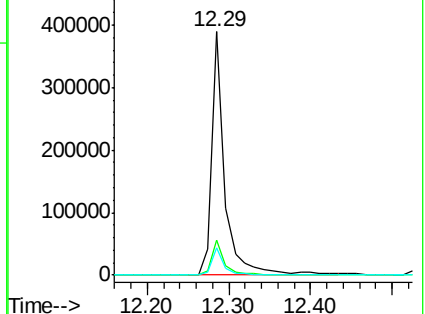
183 11.3 9.2 13.8

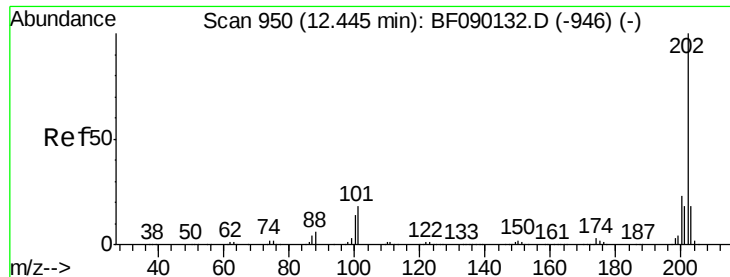


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.62 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

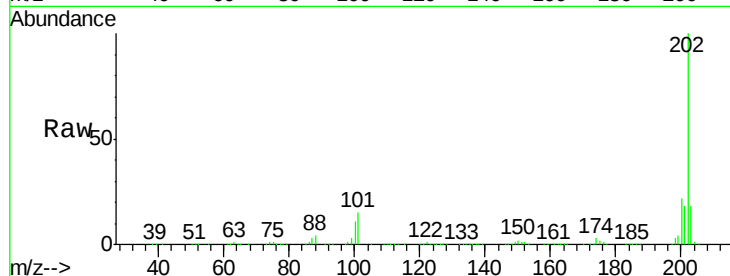
Tot Ion:202 Resp: 1018985

Ion Ratio Lower Upper

202 100

200 22.3 17.9 26.9

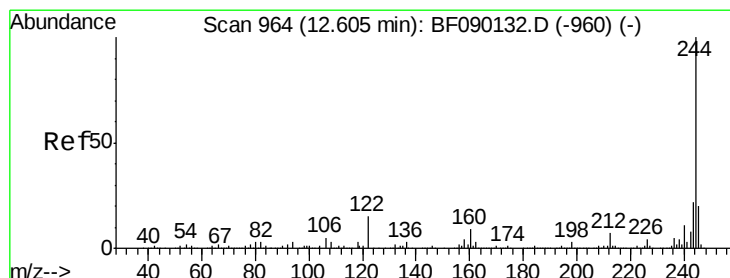
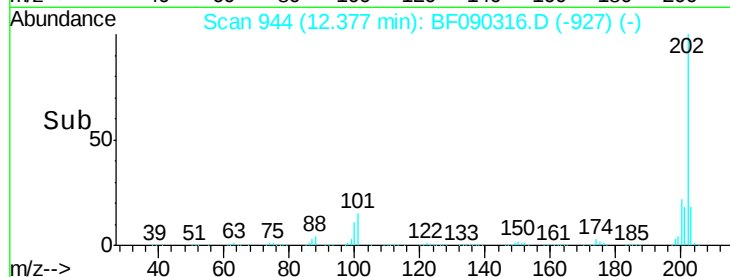
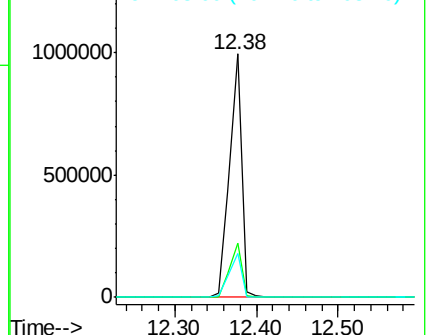
203 17.8 14.2 21.4



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: 92.15 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

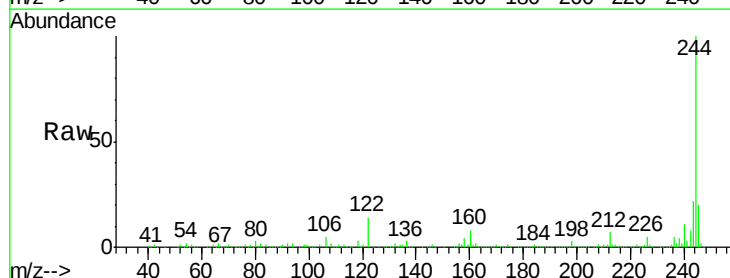
Tgt Ion:244 Resp: 1089394

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

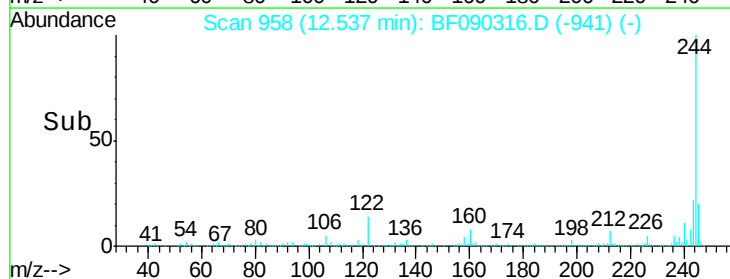
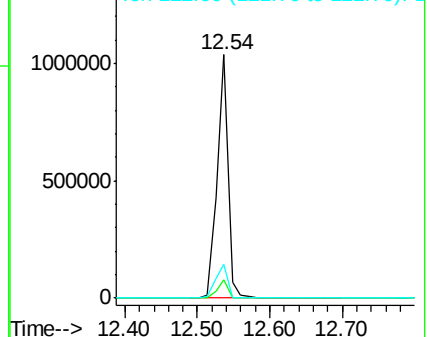
122 13.7 9.4 14.0

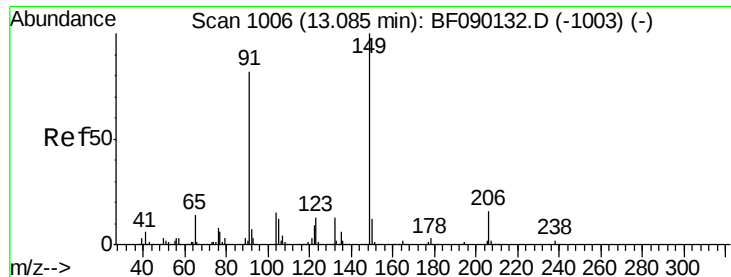


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

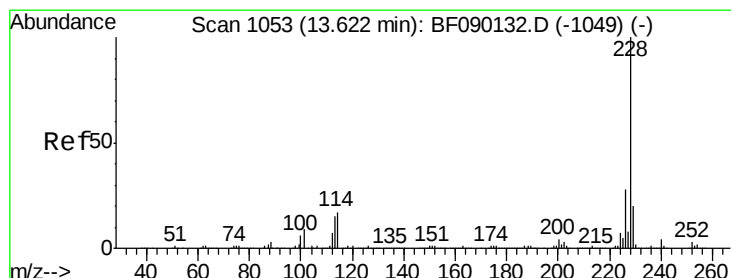
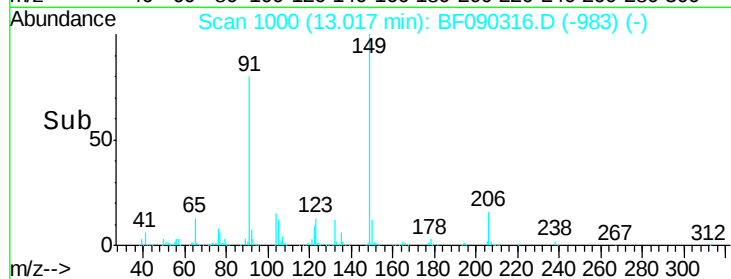
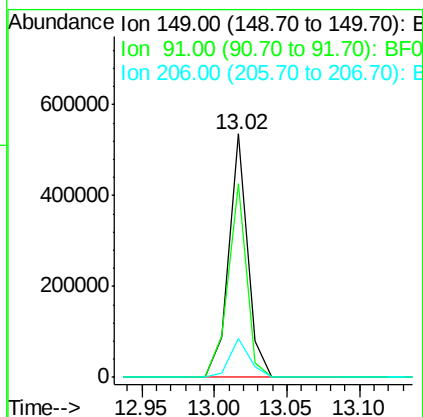
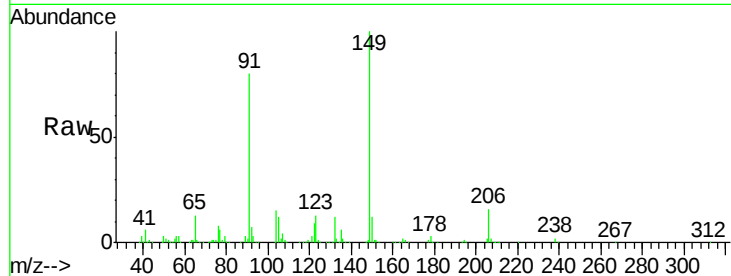




#79
Butylbenzylphthalate
Concen: 48.52 ng
RT: 13.02 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

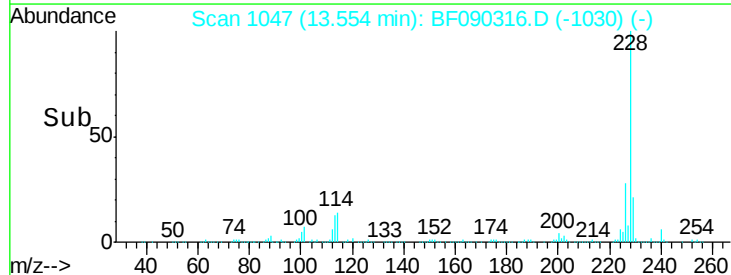
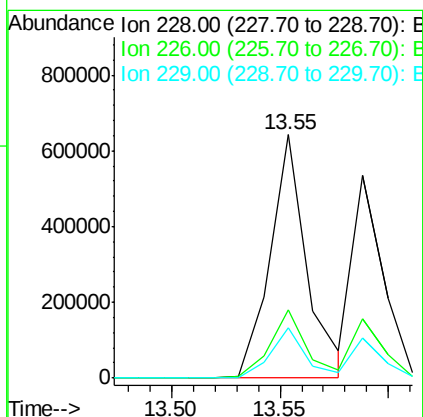
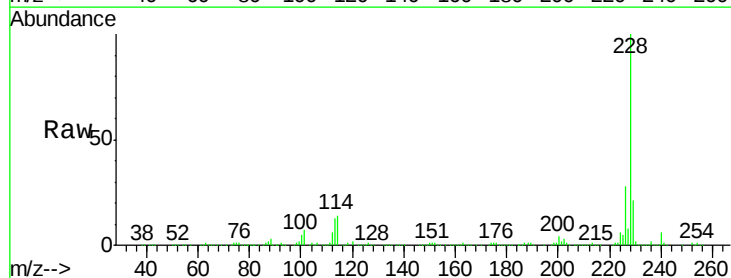
Instrument :
BNA_F
ClientSampleId :
PB93703BS

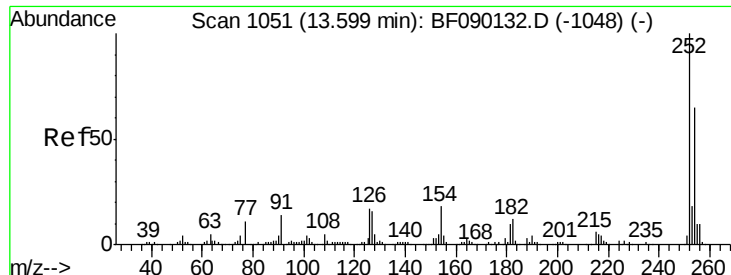
Tot Ion:149 Resp: 487478
Ion Ratio Lower Upper
149 100
91 79.8 49.8 74.6#
206 15.9 16.3 24.5#



#80
Benzo(a)anthracene
Concen: 47.06 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:228 Resp: 759939
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.6 16.2 24.2

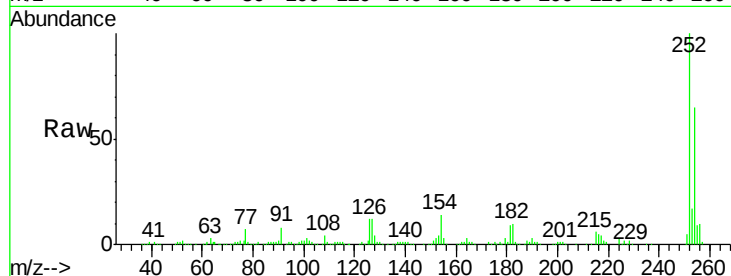




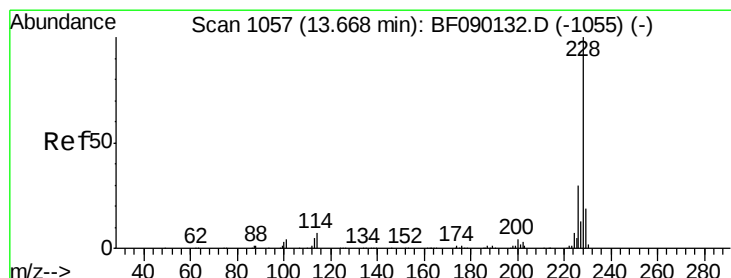
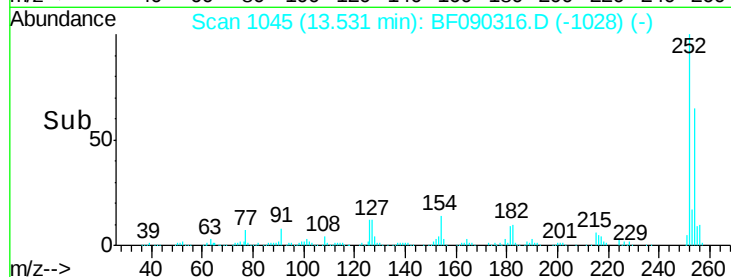
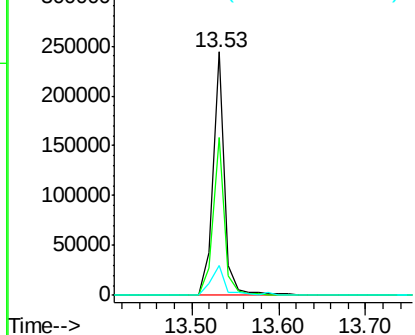
#81
 3,3'-Dichlorobenzidine
 Concen: 34.51 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB93703BS

Tot Ion:252 Resp: 229804
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.7 76.1
 126 12.2 9.2 13.8

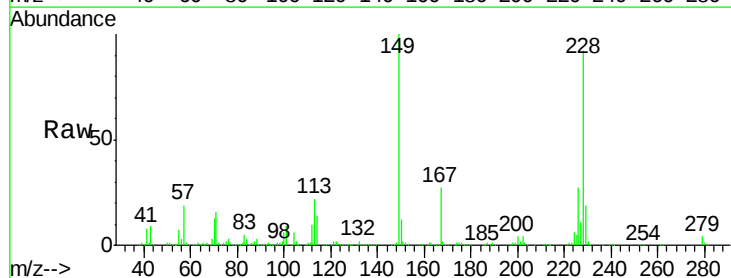


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

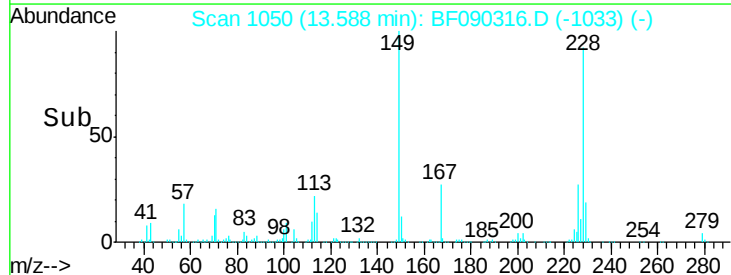
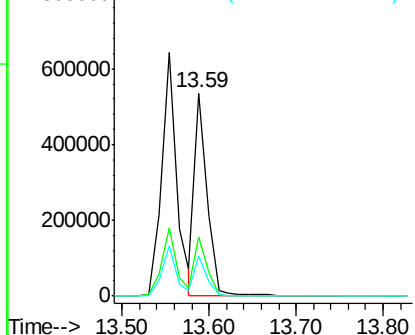


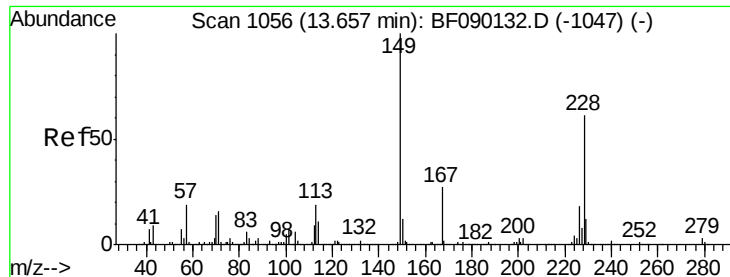
#82
 Chrysene
 Concen: 34.19 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 16:41

Tgt Ion:228 Resp: 537844
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.6 37.0
 229 20.1 16.2 24.4



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: 51.19 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

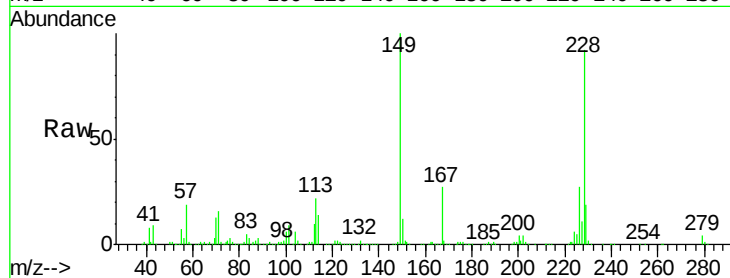
Tot Ion:149 Resp: 658095

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

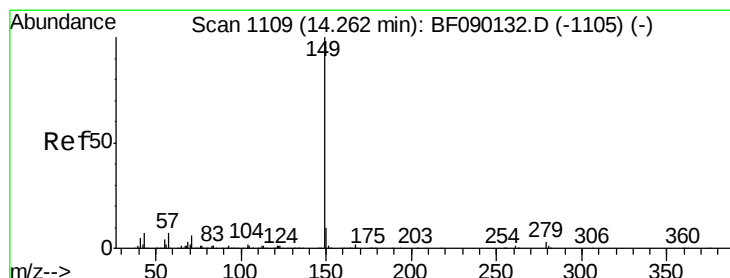
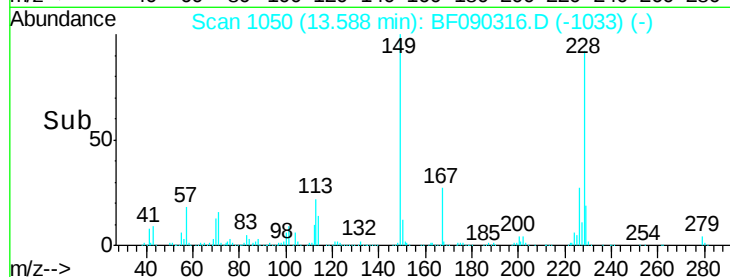
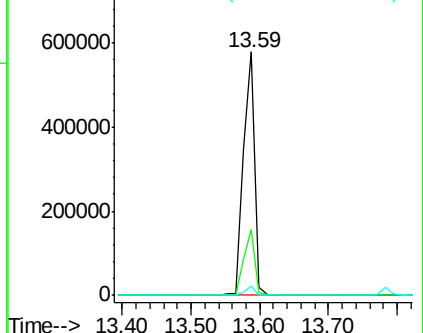
279 3.6 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.97 ng

RT: 14.19 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

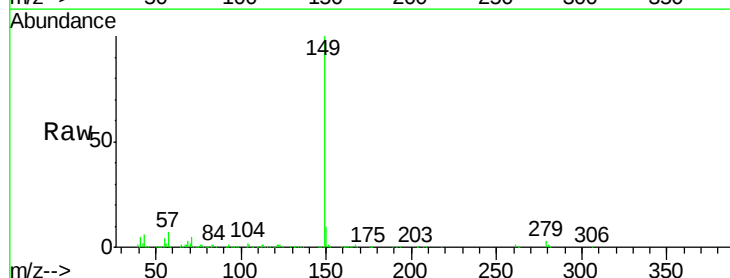
Tgt Ion:149 Resp: 1106723

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

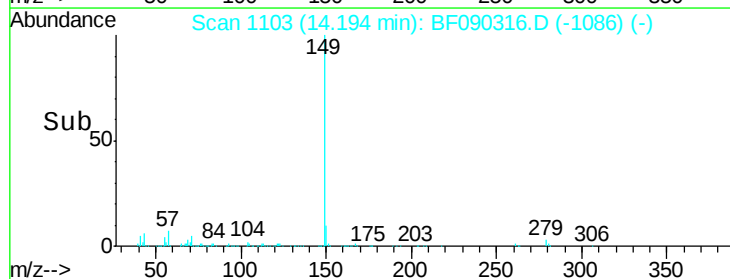
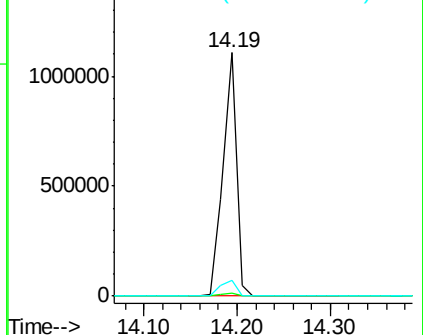
43 7.8 6.8 10.2

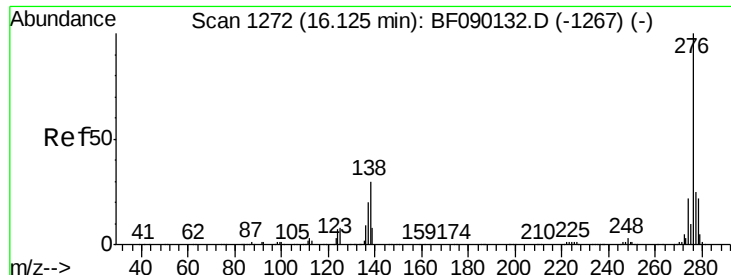


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

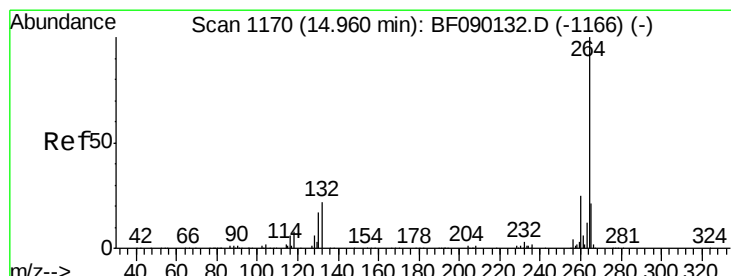
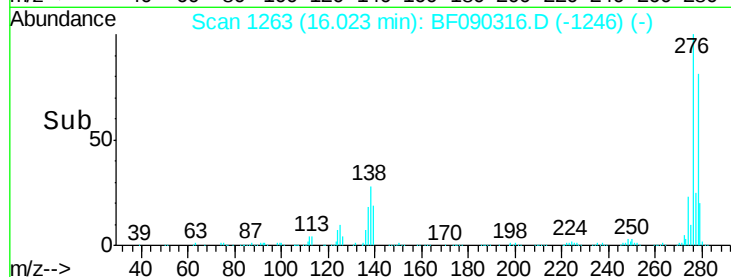
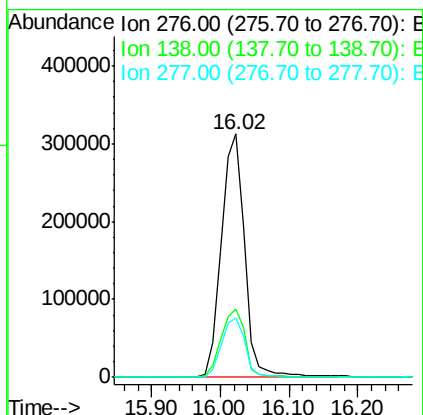
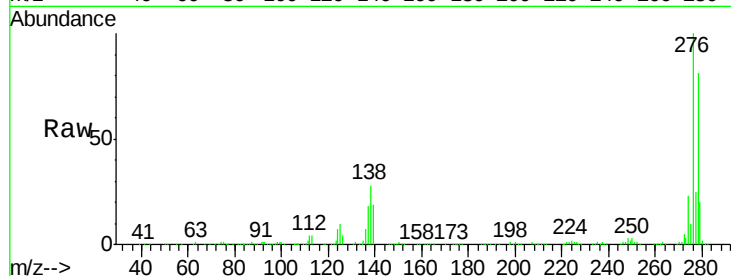




#85
Indeno(1,2,3-cd)pyrene
Concen: 59.08 ng
RT: 16.02 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

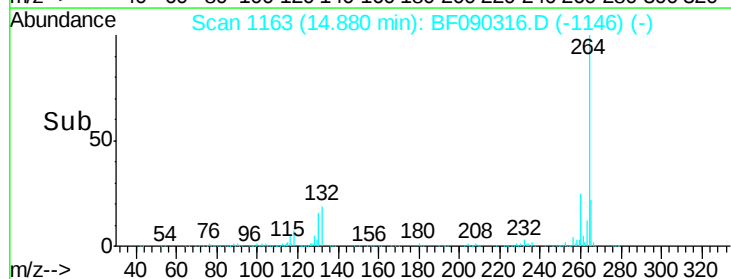
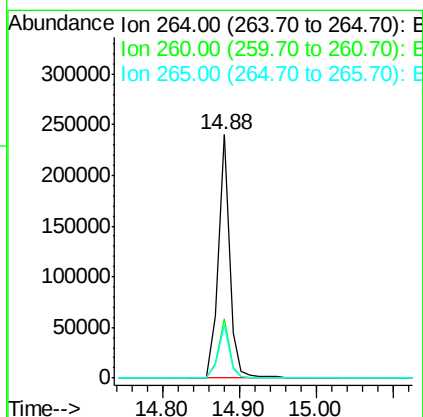
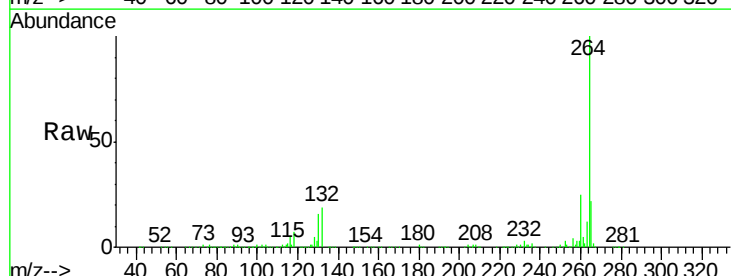
Instrument :
BNA_F
ClientSampleId :
PB93703BS

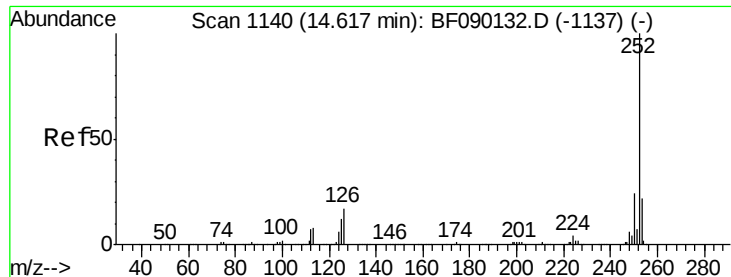
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.9	38.9
277	25.2	19.9	29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.0	25.4

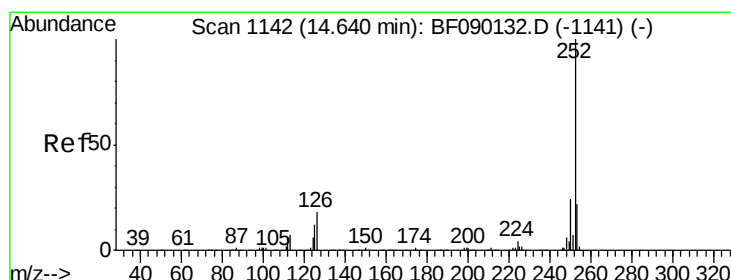
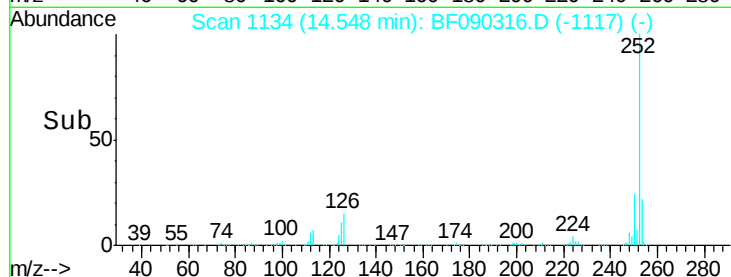
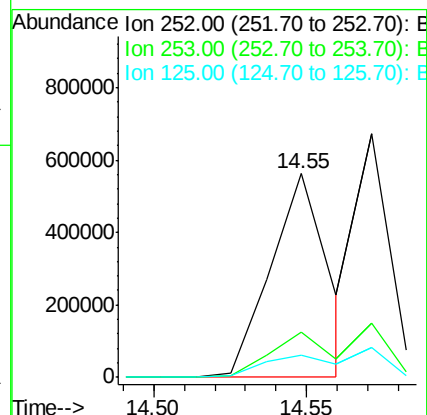
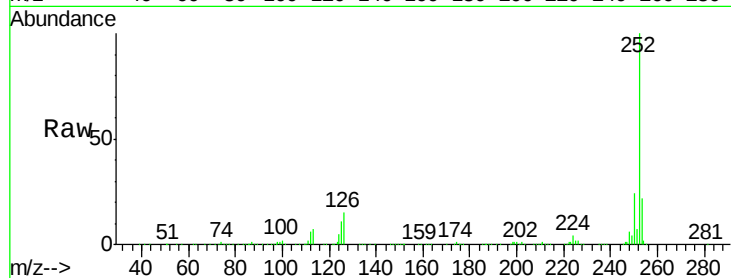




#87
Benzo(b)fluoranthene
Concen: 52.93 ng m
RT: 14.55 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

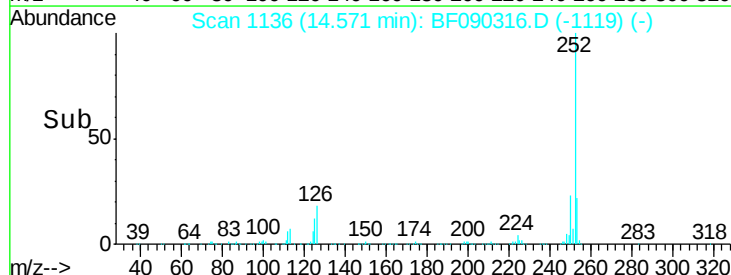
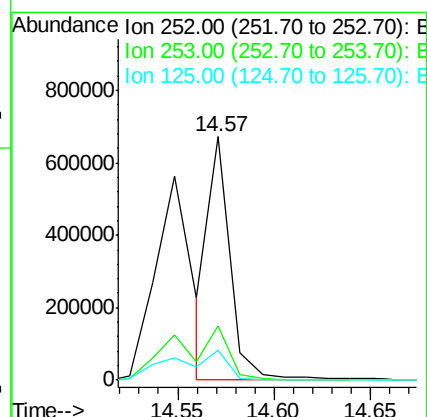
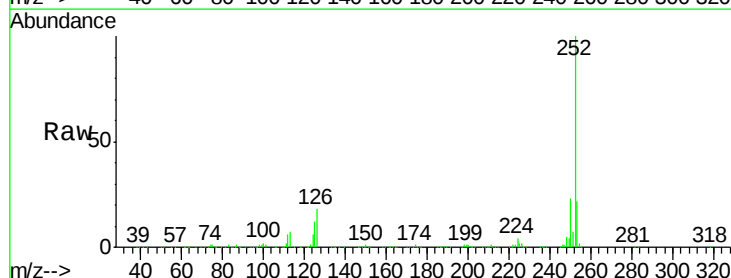
Instrument :
BNA_F
ClientSampleId :
PB93703BS

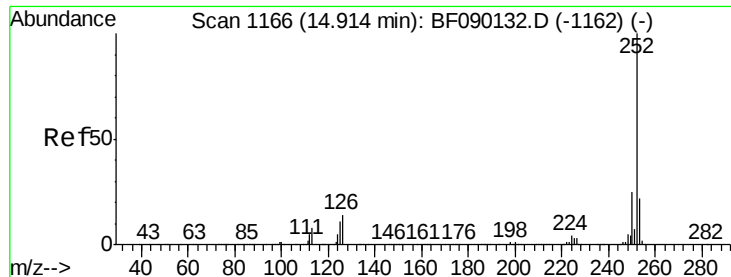
Tot Ion:252 Resp: 734672
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.9 12.7 19.1#



#88
Benzo(k)fluoranthene
Concen: 41.54 ng m
RT: 14.57 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF090316.D
Acq: 30 Sep 2016 16:41

Tgt Ion:252 Resp: 541170
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.1 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 48.12 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

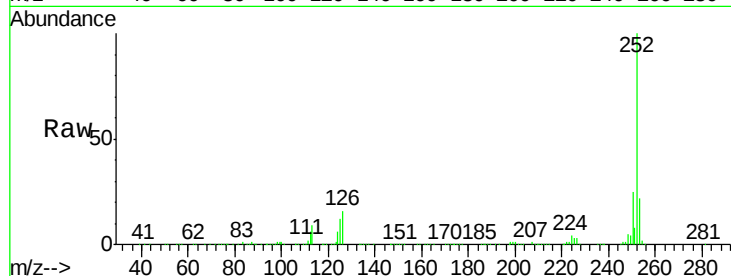
Tot Ion:252 Resp: 628307

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

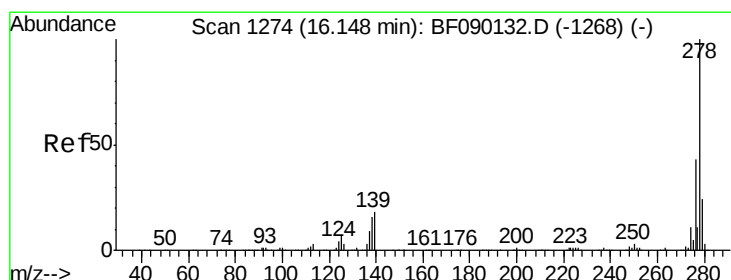
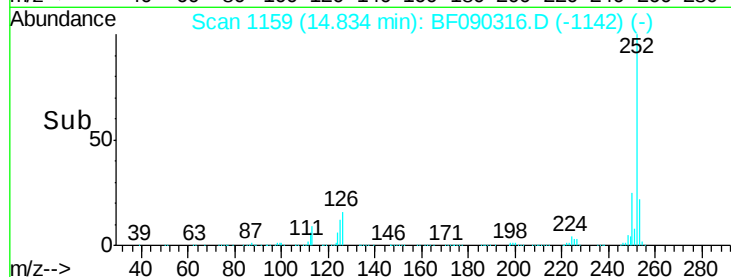
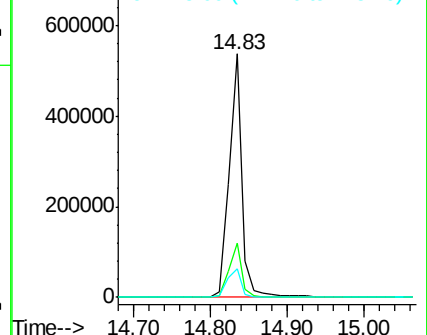
125 11.9 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 61.27 ng

RT: 16.03 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

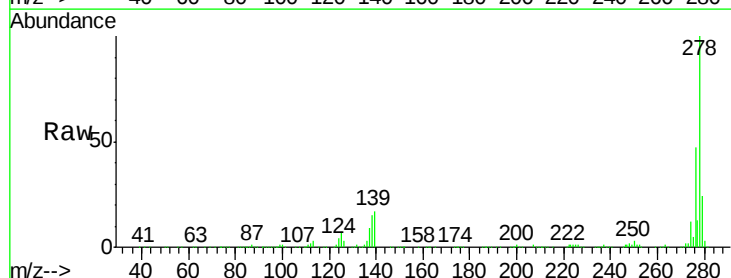
Tgt Ion:278 Resp: 624243

Ion Ratio Lower Upper

278 100

139 17.0 14.6 21.8

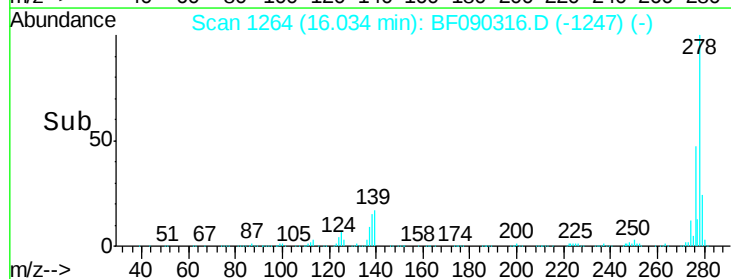
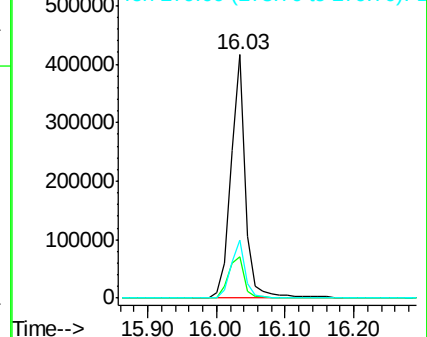
279 23.8 18.8 28.2

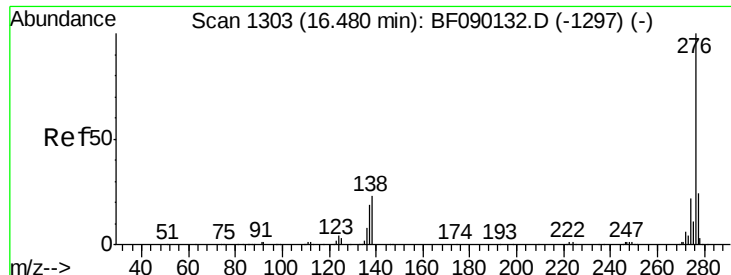


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 64.53 ng

RT: 16.35 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF090316.D

Acq: 30 Sep 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB93703BS

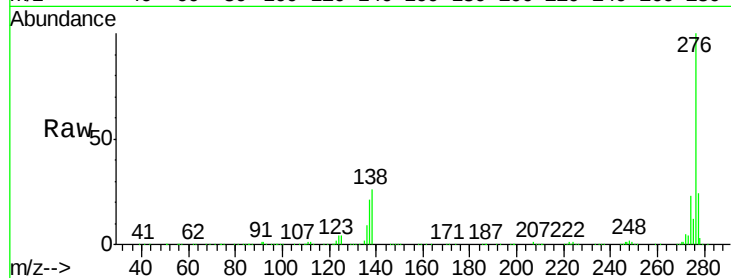
Tot Ion:276 Resp: 643538

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 25.8 23.3 34.9



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

