

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085134.D
 Acq On : 2 Mar 2016 22:10
 Operator : SJ/IZ
 Sample : H1617-03MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:48:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	158605	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	618996	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	306084	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	534917	20.00	ng	0.00
75) Chrysene-d12	14.16	240	319218	20.00	ng	0.00
86) Perylene-d12	15.64	264	376597	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1418047	145.15	ng	0.03
7) Phenol-d6	6.62	99	1735037	135.47	ng	0.00
23) Nitrobenzene-d5	7.56	82	1172641	100.79	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	475200	154.49	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1931392	92.93	ng	0.00
78) Terphenyl-d14	13.10	244	1532358	112.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	216977	44.82	ng	# 84
3) Pyridine	3.60	79	501424	40.36	ng	97
4) n-Nitrosodimethylamine	3.54	42	272268	48.15	ng	92
6) Aniline	6.65	93	177682	9.78	ng	95
8) 2-Chlorophenol	6.78	128	565335	50.20	ng	97
9) Benzaldehyde	6.54	77	18481	0.75	ng	97
10) Phenol	6.64	94	575719	40.18	ng	84
11) bis(2-Chloroethyl)ether	6.73	93	603311	53.11	ng	97
12) 1,3-Dichlorobenzene	6.94	146	612157	50.61	ng	98
13) 1,4-Dichlorobenzene	7.01	146	568560	46.12	ng	99
14) 1,2-Dichlorobenzene	7.17	146	590152	54.38	ng	97
15) Benzyl Alcohol	7.13	79	496894	53.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	790273	47.21	ng	100
17) 2-Methylphenol	7.25	107	496690	52.65	ng	96
18) Hexachloroethane	7.51	117	229555	50.38	ng	# 90
19) n-Nitroso-di-n-propylamine	7.41	70	404977	47.98	ng	95
20) 3+4-Methylphenols	7.40	107	565553	50.16	ng	# 89
22) Acetophenone	7.41	105	796620	51.16	ng	# 93
24) Nitrobenzene	7.58	77	693281	57.44	ng	91
25) Isophorone	7.82	82	1179901	53.01	ng	96
26) 2-Nitrophenol	7.89	139	283930	52.61	ng	# 72
27) 2,4-Dimethylphenol	7.92	122	537105	51.35	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	737852	60.12	ng	100
29) 2,4-Dichlorophenol	8.13	162	468278	54.41	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	510184	54.38	ng	98
31) Naphthalene	8.30	128	1767907	56.47	ng	100
32) Benzoic acid	8.05	122	353657	55.65	ng	92
33) 4-Chloroaniline	8.34	127	85008	6.87	ng	94
34) Hexachlorobutadiene	8.41	225	283748	52.14	ng	98
35) Caprolactam	8.72	113	107236	39.70	ng	# 75
36) 4-Chloro-3-methylphenol	8.82	107	495778	52.10	ng	100
37) 2-Methylnaphthalene	9.00	142	1150632	60.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	441597	46.85	ng	99
40) Hexachlorocyclopentadiene	9.14	237	465164	86.67	ng	97

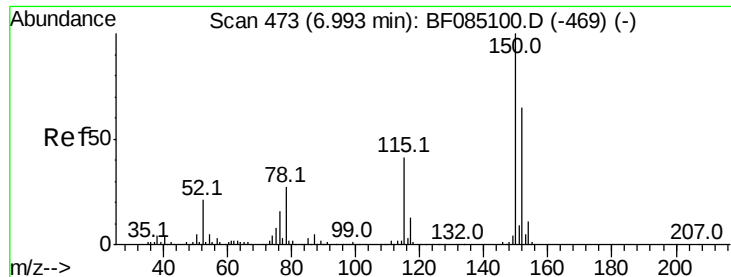
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085134.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	373014	58.78	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	329509	54.18	nq	# 91
45) 1,1'-Biphenyl	9.45	154	1209811	44.53	nq	96
46) 2-Chloronaphthalene	9.49	162	1000832	50.50	nq	94
47) 2-Nitroaniline	9.57	65	298770	48.03	nq	# 70
48) Acenaphthylene	9.90	152	1514352	51.42	nq	99
49) Dimethylphthalate	9.75	163	1171055	51.60	nq	99
50) 2,6-Dinitrotoluene	9.82	165	284680	60.49	nq	# 76
51) Acenaphthene	10.07	154	1097515	59.36	nq	98
52) 3-Nitroaniline	9.98	138	74208	13.27	nq	93
53) 2,4-Dinitrophenol	10.09	184	218033	87.20	nq	# 1
54) Dibenzofuran	10.24	168	1400901	58.36	nq	97
55) 4-Nitrophenol	10.14	139	346575	80.79	nq	# 62
56) 2,4-Dinitrotoluene	10.22	165	345456	54.48	nq	95
57) Fluorene	10.58	166	1053509	55.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	288267	62.57	nq	97
59) Diethylphthalate	10.46	149	1196820	55.03	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	512095	52.64	nq	94
61) 4-Nitroaniline	10.60	138	214775	40.99	nq	87
62) Azobenzene	10.73	77	1246791	56.74	nq	97
64) 4,6-Dinitro-2-methylphenol	10.63	198	158034	48.99	nq	78
65) n-Nitrosodiphenylamine	10.69	169	921199	54.64	nq	98
66) 4-Bromophenyl-phenylether	11.06	248	335089	59.66	nq	91
67) Hexachlorobenzene	11.13	284	371278	58.56	nq	94
68) Atrazine	11.21	200	233539	45.41	nq	100
69) Pentachlorophenol	11.33	266	419867	112.84	nq	98
70) Phenanthrene	11.55	178	1434818	53.92	nq	99
71) Anthracene	11.60	178	1583966	53.01	nq	98
72) Carbazole	11.75	167	1370544	52.70	nq	98
73) Di-n-butylphthalate	12.08	149	1667674	53.88	nq	99
74) Fluoranthene	12.73	202	1427851	48.90	nq	97
76) Benzidine	12.85	184	78643	8.15	nq	98
77) Pyrene	12.96	202	1374690	63.09	nq	98
79) Butylbenzylphthalate	13.58	149	554481	60.09	nq	94
80) Benzo(a)anthracene	14.15	228	1051903	56.75	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	144968	25.03	nq	# 96
82) Chrysene	14.19	228	1030255	60.87	nq	97
83) Bis(2-ethylhexyl)phthalate	14.13	149	700224	65.72	nq	100
84) Di-n-octyl phthalate	14.75	149	1175418	74.32	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1259347	88.00	nq	99
87) Benzo(b)fluoranthene	15.20	252	1065548	46.47	nq	99
88) Benzo(k)fluoranthene	15.20	252	1065548	53.65	nq	# 95
89) Benzo(a)pyrene	15.57	252	1070318	55.50	nq	99
90) Dibenzo(a,h)anthracene	17.15	278	1063721	61.23	nq	98
91) Benzo(g,h,i)perylene	17.58	276	1013444	57.38	nq	98

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

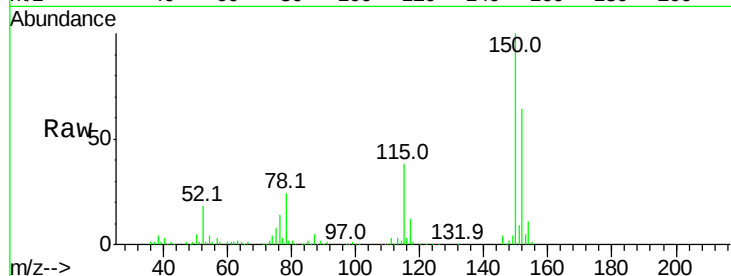


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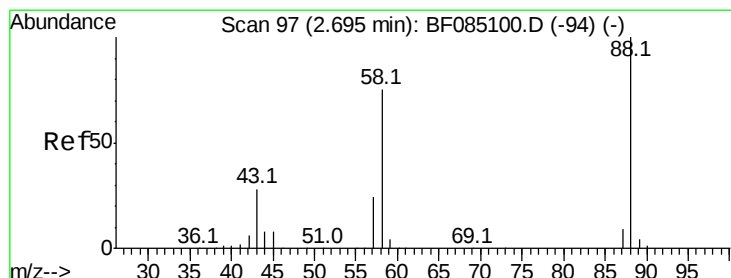
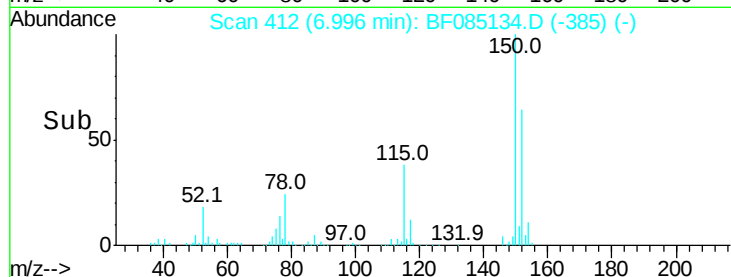
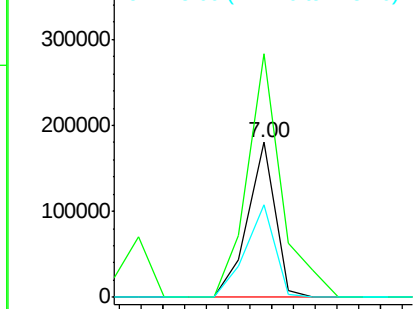
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158605
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.0
115 59.4 50.0 75.0



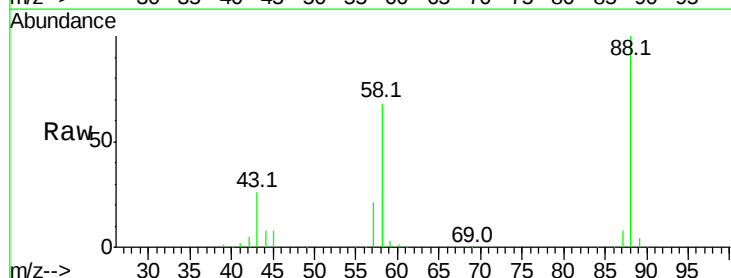
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



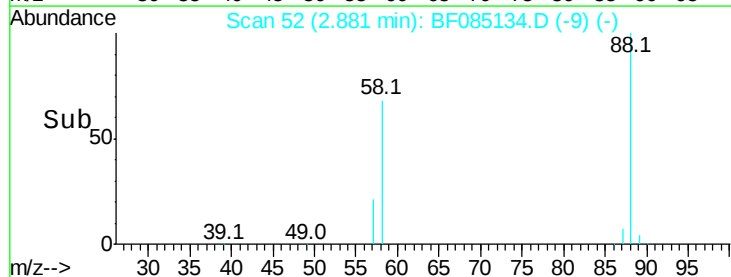
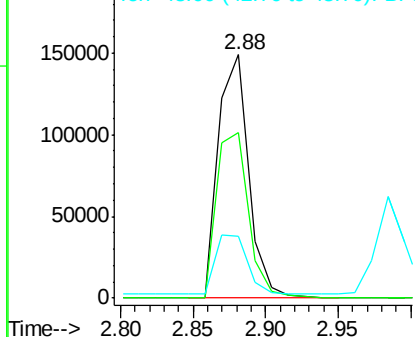
#2

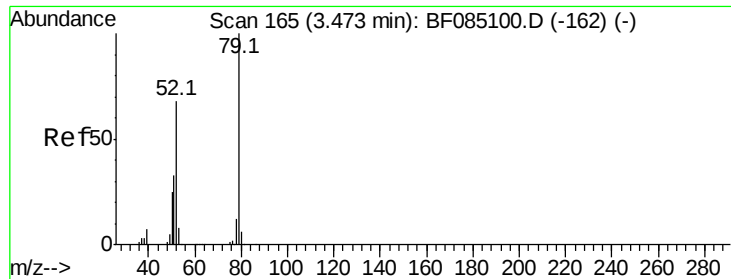
1,4-Dioxane
Concen: 44.82 ng
RT: 2.88 min Scan# 52
Delta R.T. 0.19 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion: 88 Resp: 216977
Ion Ratio Lower Upper
88 100
58 71.9 58.4 87.6
43 0.0 22.2 33.4#



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





#3

Pvridine

Concen: 40.36 ng

RT: 3.60 min Scan# 115

Delta R.T. 0.13 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampled :

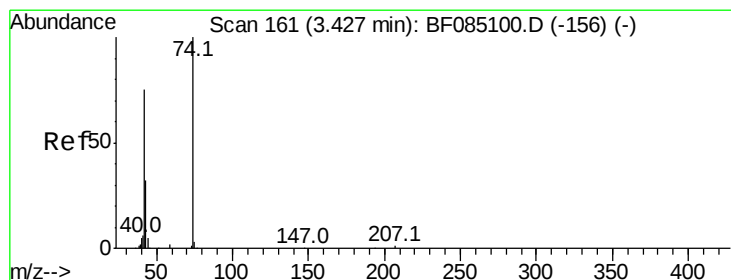
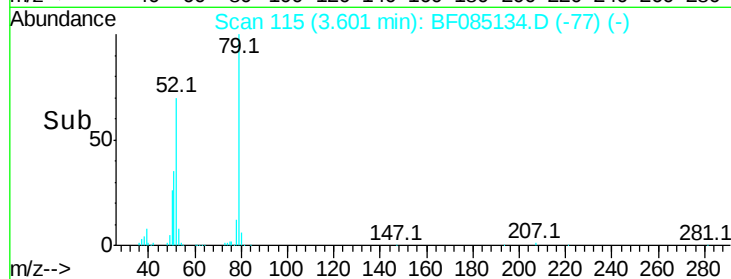
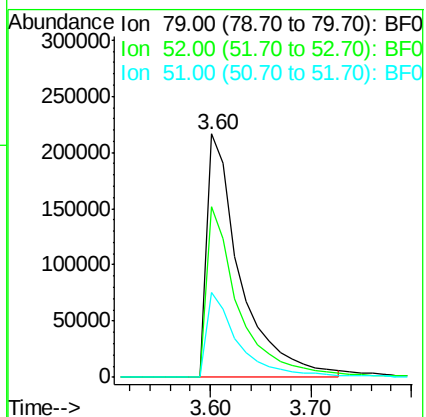
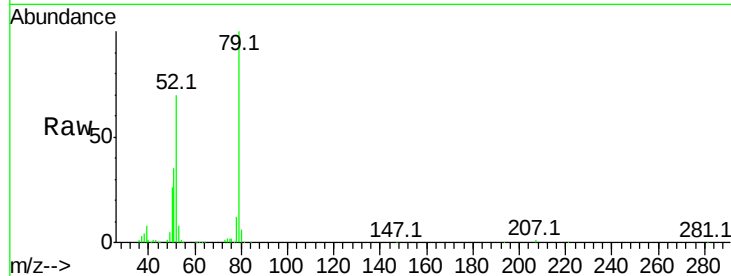
Tot Ion: 79 Resp: 501424

Ion Ratio Lower Upper

79 100

52 70.2 54.1 81.1

51 35.1 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 48.15 ng

RT: 3.54 min Scan# 110

Delta R.T. 0.12 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

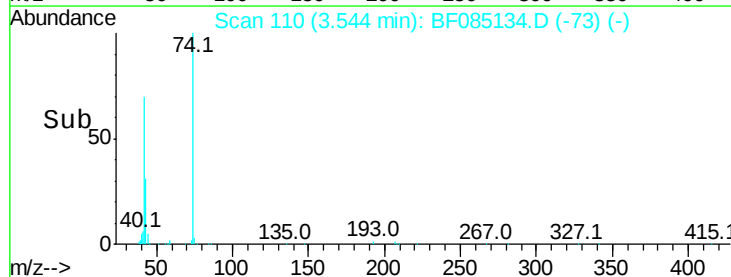
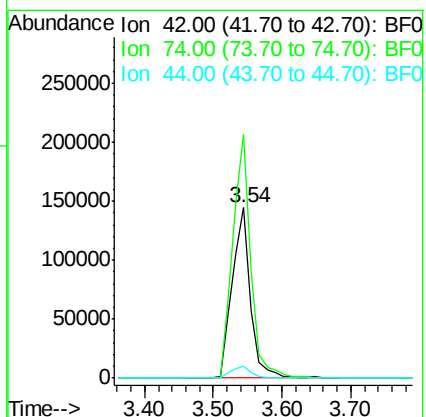
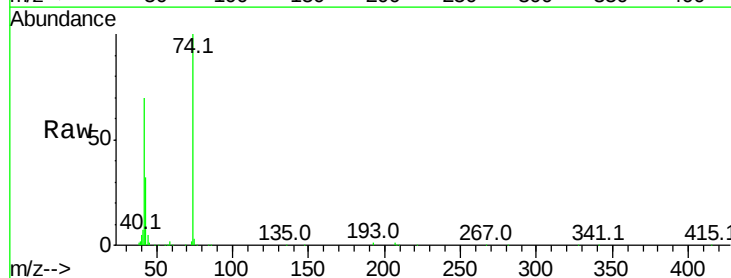
Tgt Ion: 42 Resp: 272268

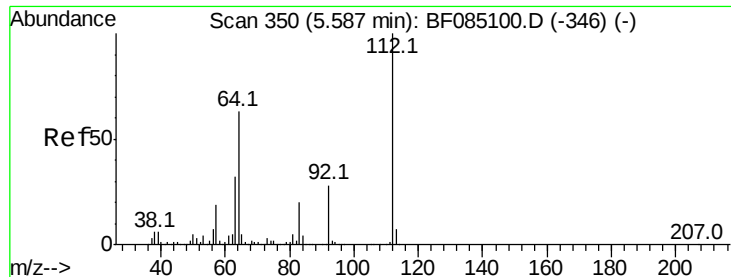
Ion Ratio Lower Upper

42 100

74 142.7 106.6 160.0

44 7.0 5.4 8.2





#5

2-Fluorophenol

Concen: 145.15 ng

RT: 5.61 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

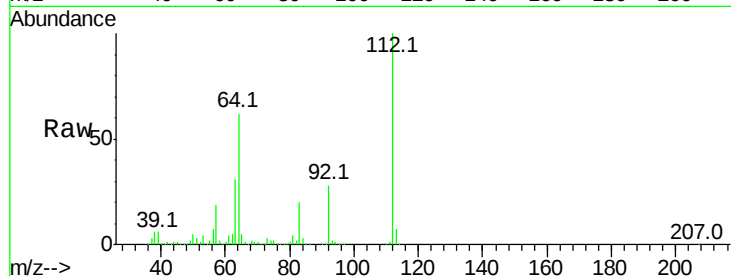
Tot Ion:112 Resp: 1418047

Ion Ratio Lower Upper

112 100

64 62.2 50.6 76.0

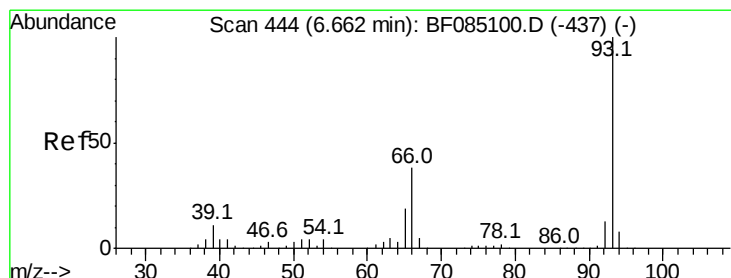
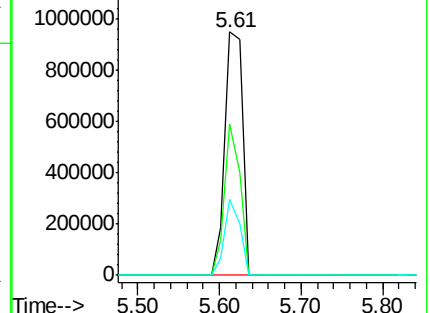
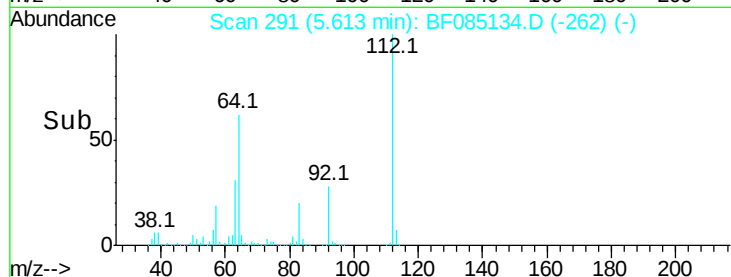
63 31.4 25.5 38.3



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: 9.78 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

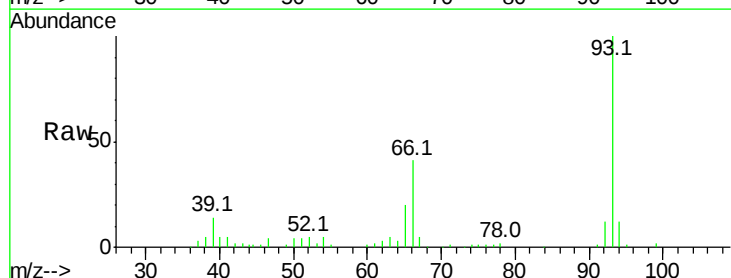
Tgt Ion: 93 Resp: 177682

Ion Ratio Lower Upper

93 100

66 40.8 30.1 45.1

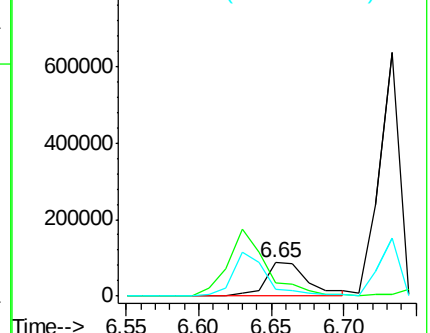
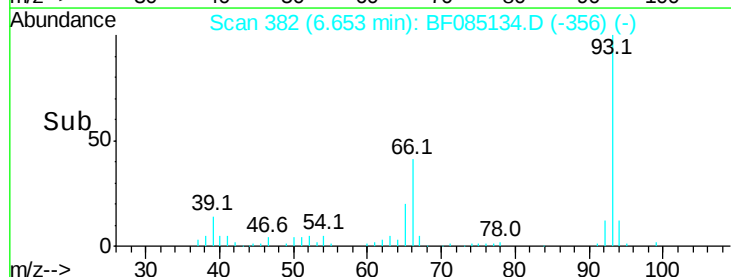
65 20.4 15.0 22.6

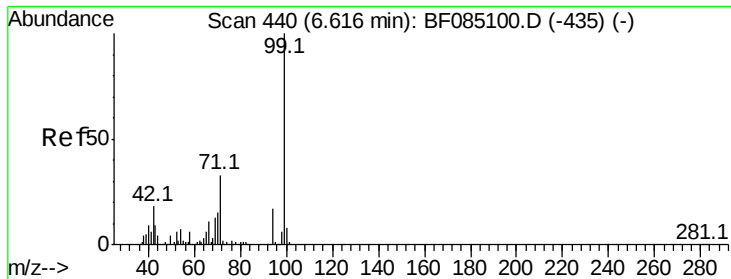


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.47 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

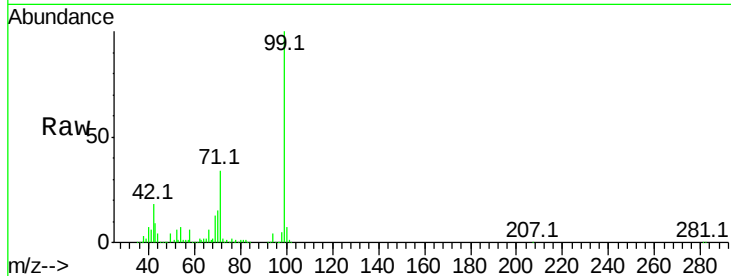
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1735037

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	33.7	26.8	40.2

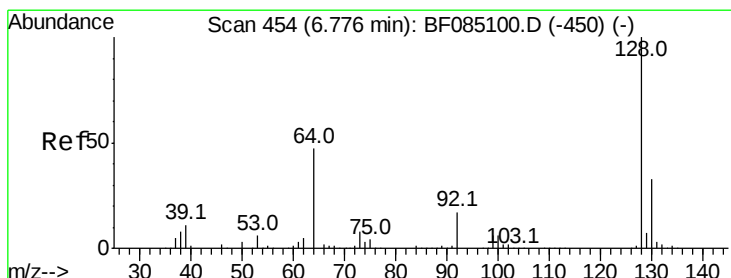
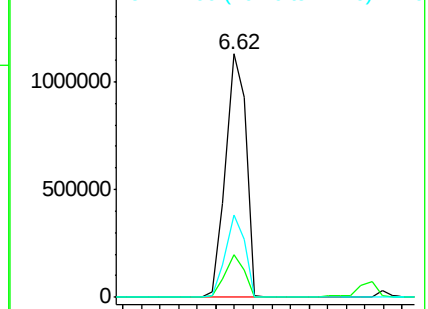
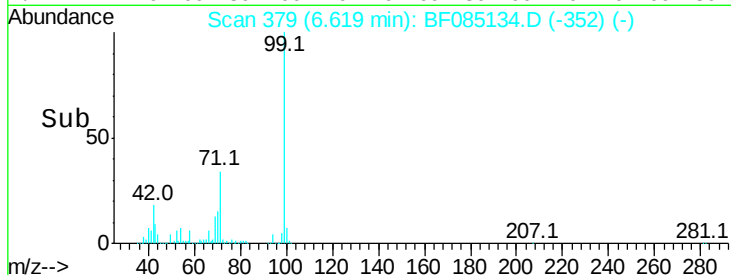


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.20 ng

RT: 6.78 min Scan# 393

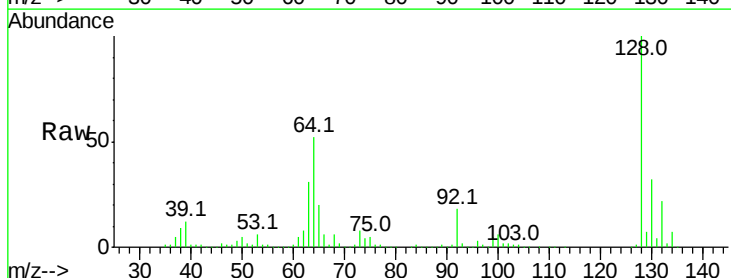
Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion: 128 Resp: 565335

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.1	53.1
64	52.2	29.6	69.6

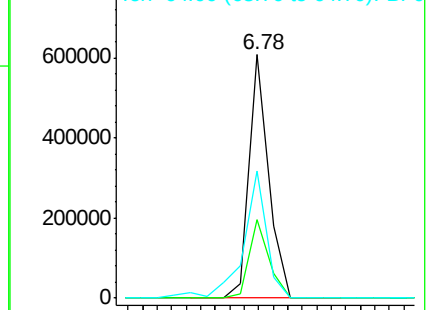
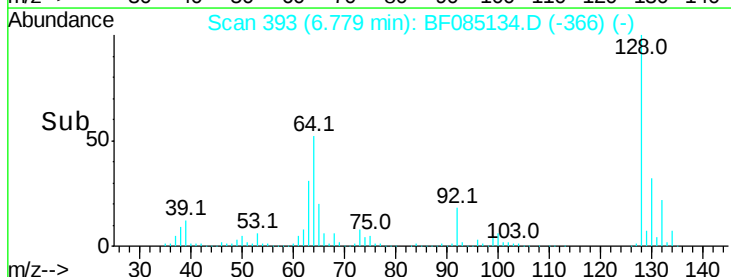


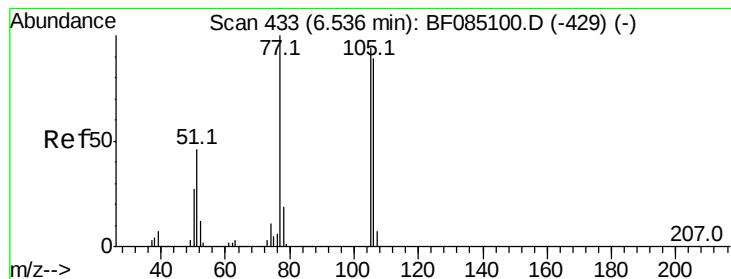
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyd

Concen: 0.75 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampled :

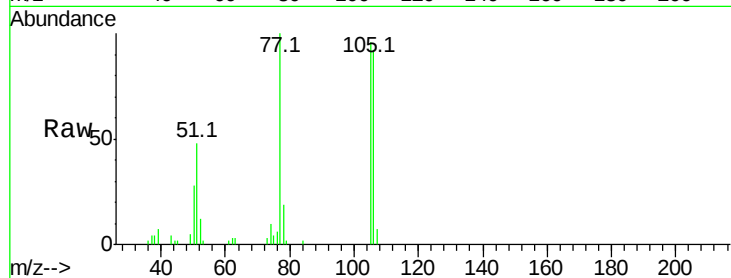
Tot Ion: 77 Resp: 18481

Ion Ratio Lower Upper

77 100

105 96.2 73.7 113.7

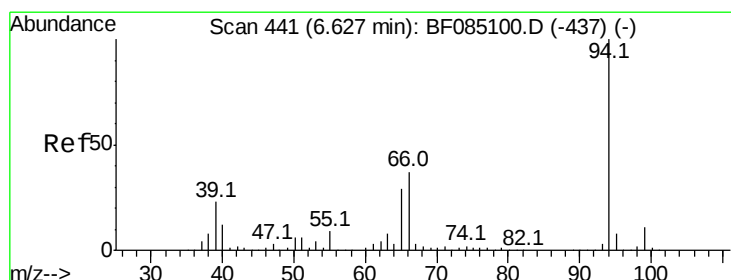
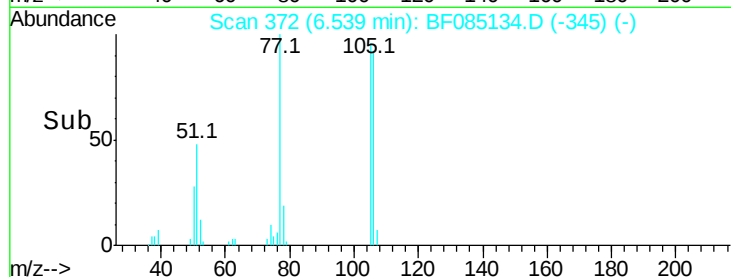
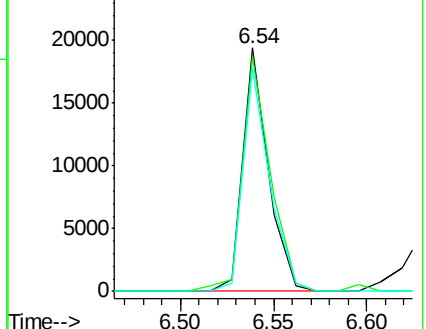
106 91.8 69.2 109.2



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: 40.18 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

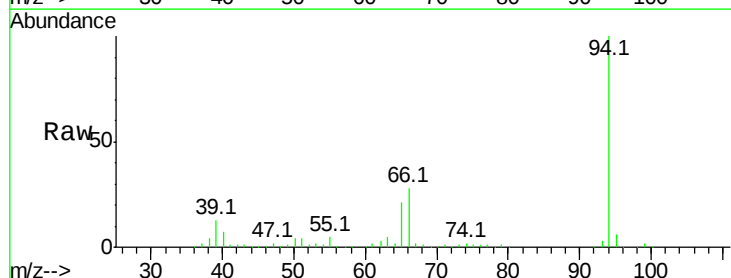
Tgt Ion: 94 Resp: 575719

Ion Ratio Lower Upper

94 100

65 21.1 9.1 49.1

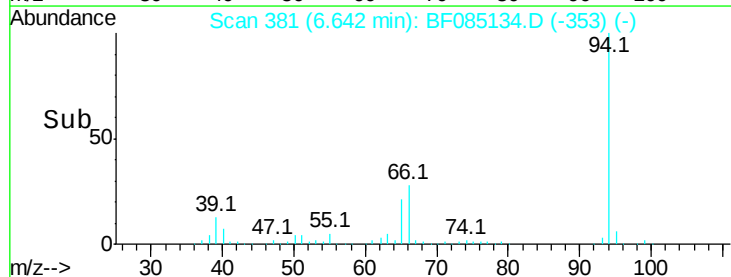
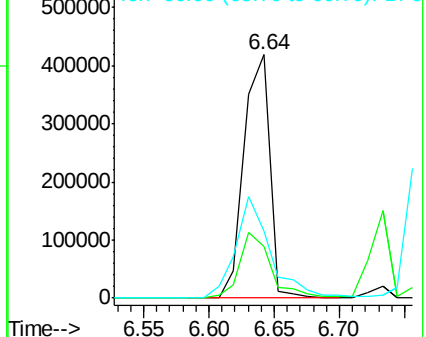
66 27.6 17.5 57.5

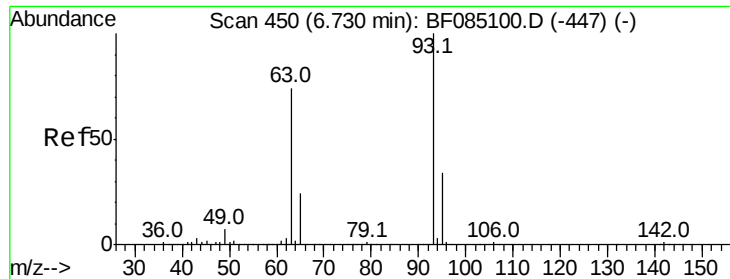


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 53.11 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

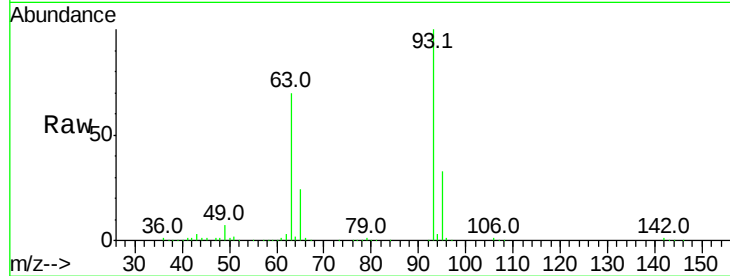
Tot Ion: 93 Resp: 603311

Ion Ratio Lower Upper

93 100

63 70.2 53.9 93.9

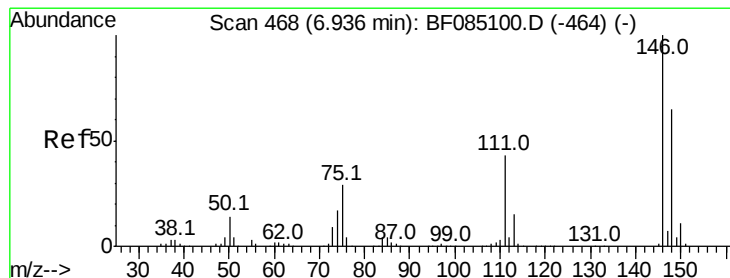
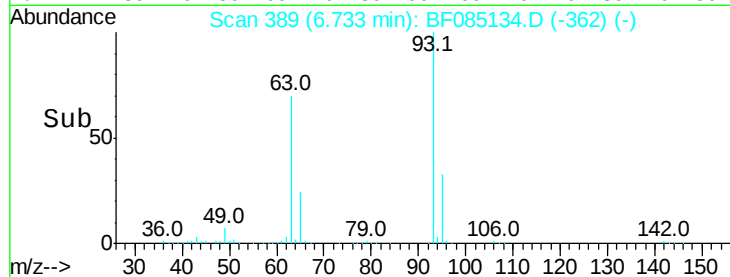
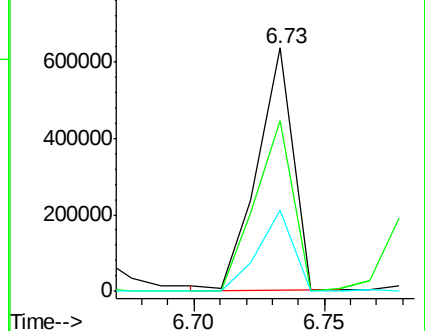
95 33.2 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 50.61 ng

RT: 6.94 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

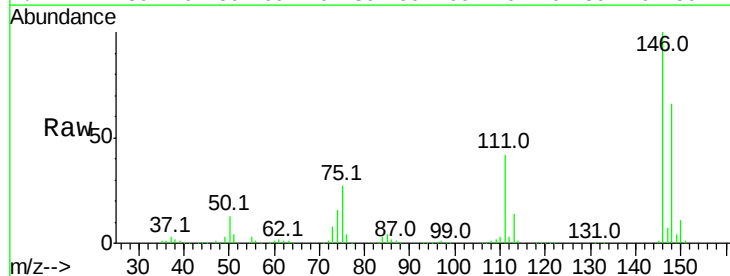
Tgt Ion: 146 Resp: 612157

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

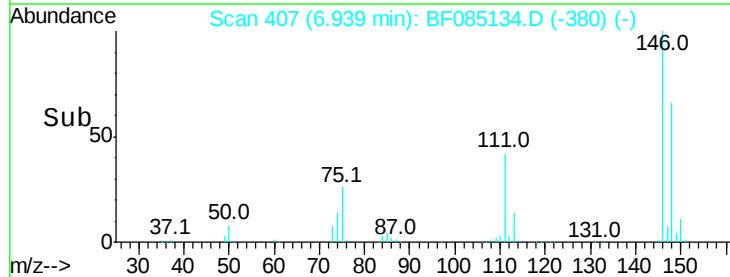
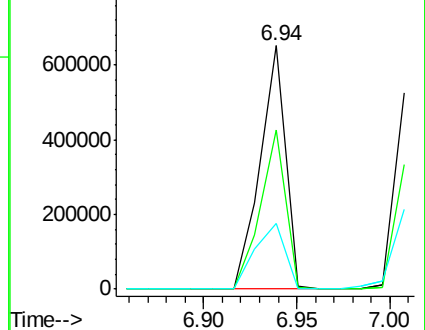
75 26.9 23.3 34.9

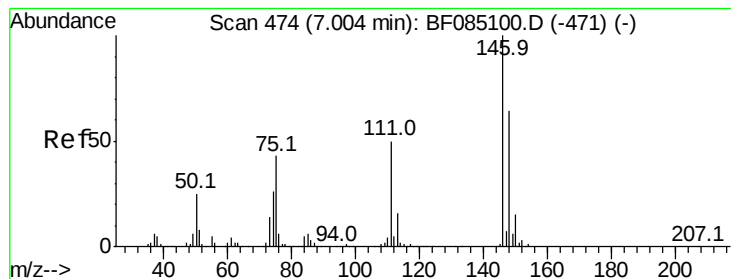


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 46.12 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

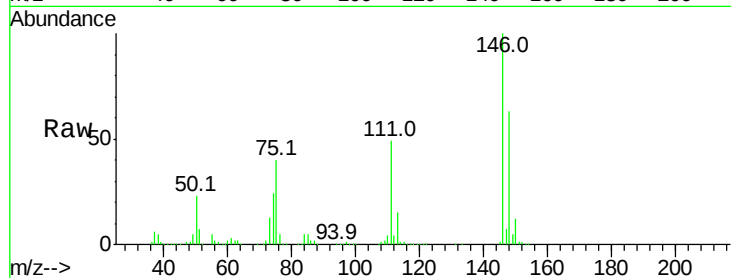
Tot Ion:146 Resp: 568560

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

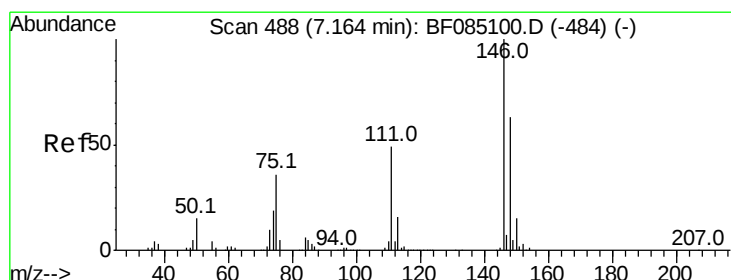
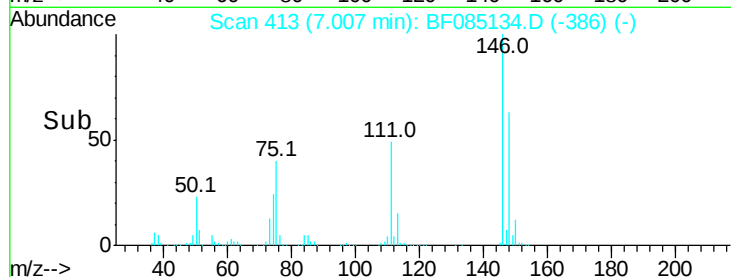
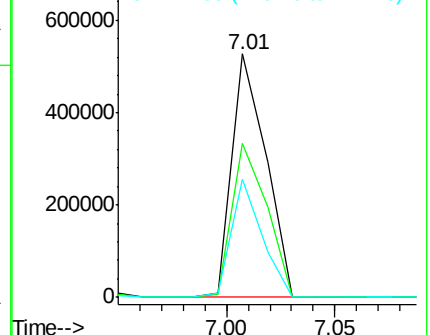
111 48.7 40.0 60.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.38 ng

RT: 7.17 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

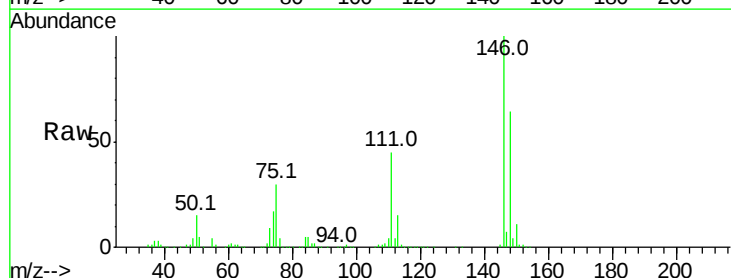
Tgt Ion:146 Resp: 590152

Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

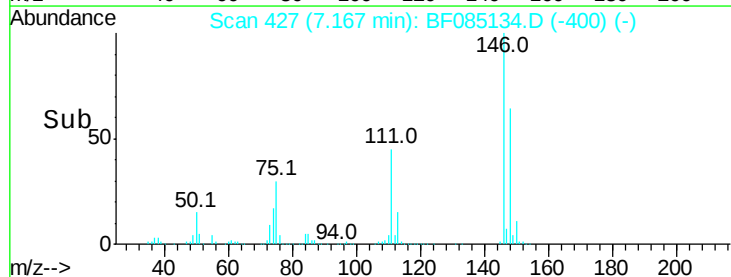
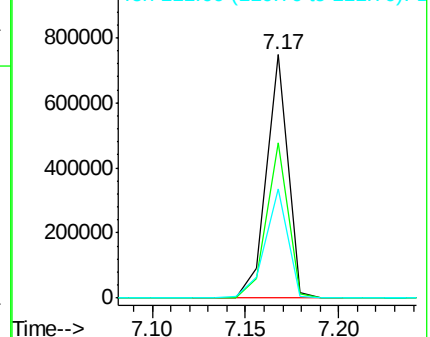
111 44.9 38.9 58.3

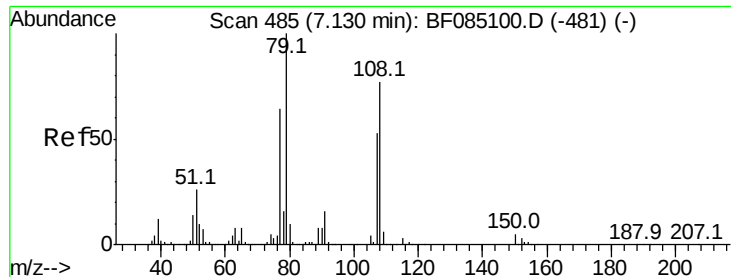


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.23 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

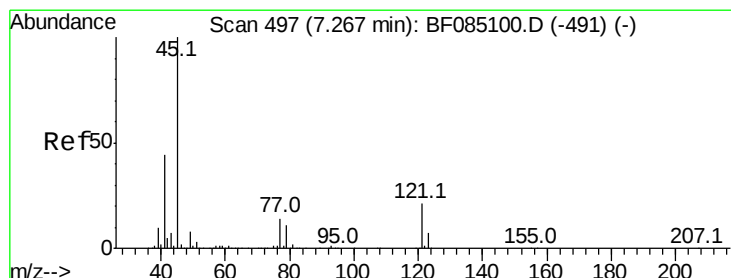
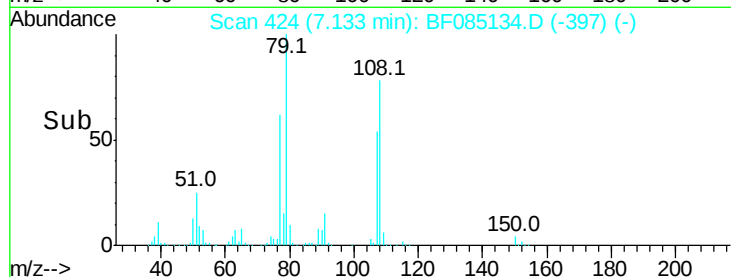
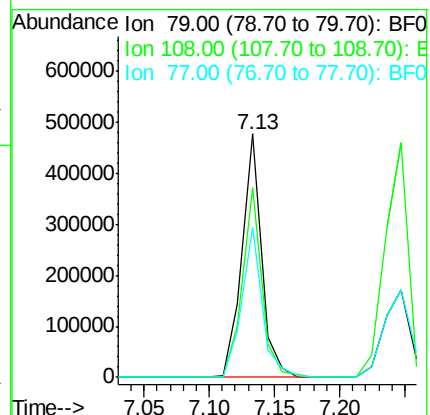
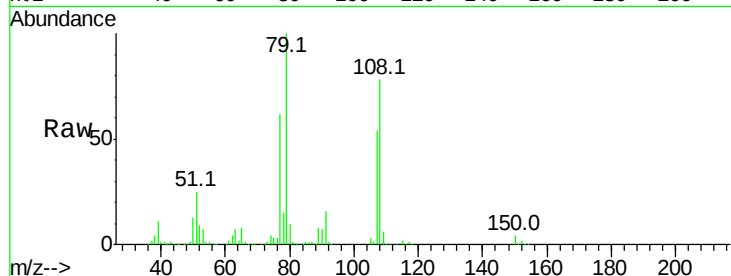
Tot Ion: 79 Resp: 496894

Ion Ratio Lower Upper

79 100

108 78.0 61.8 92.6

77 61.9 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.21 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

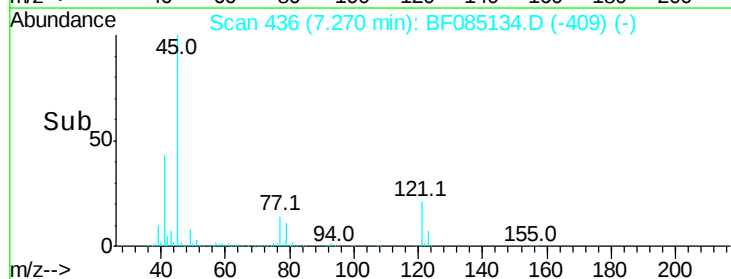
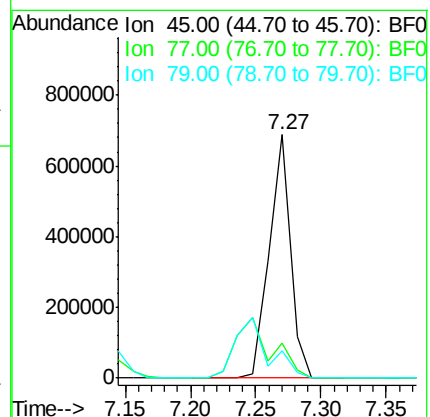
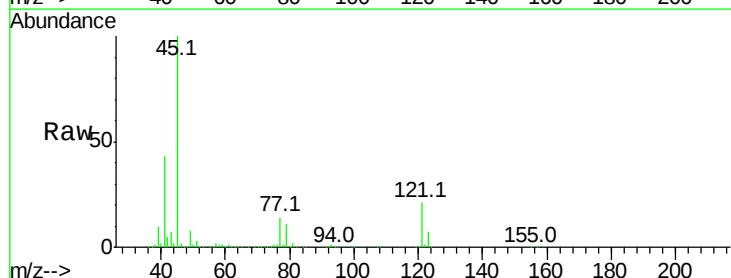
Tgt Ion: 45 Resp: 790273

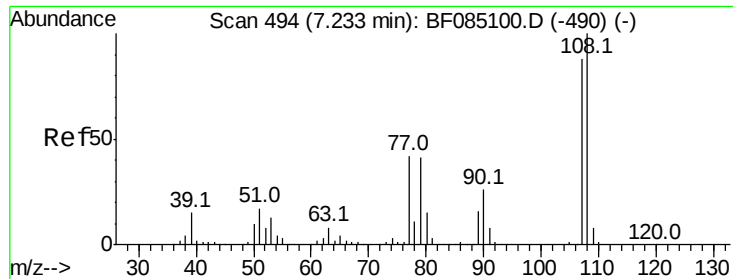
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.4

79 11.4 0.0 31.1

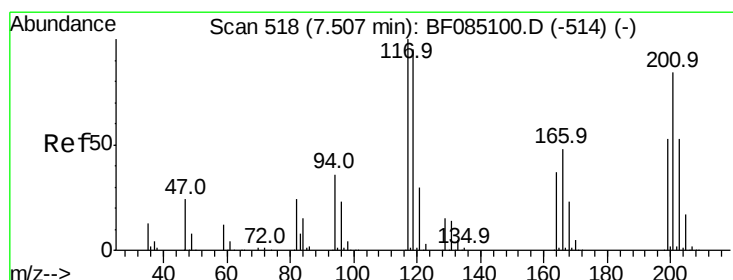
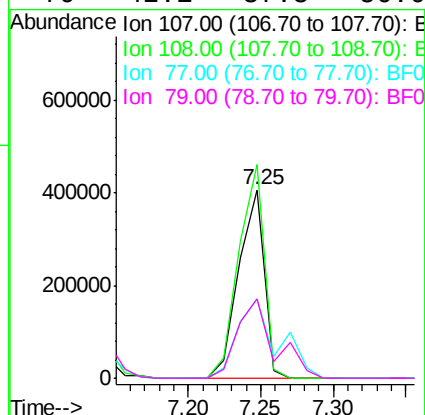
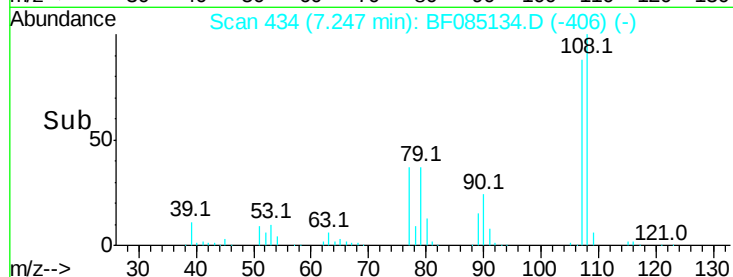
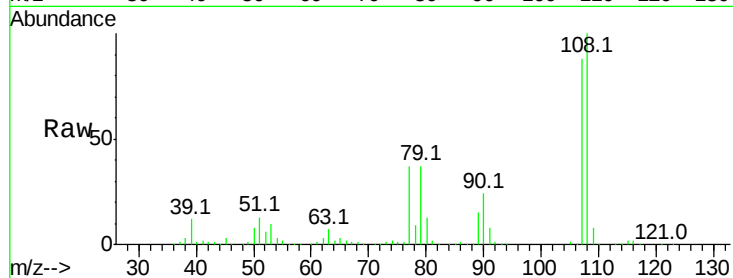




#17
2-Methylphenol
Concen: 52.65 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

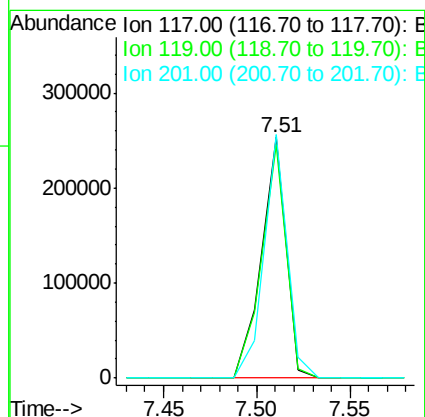
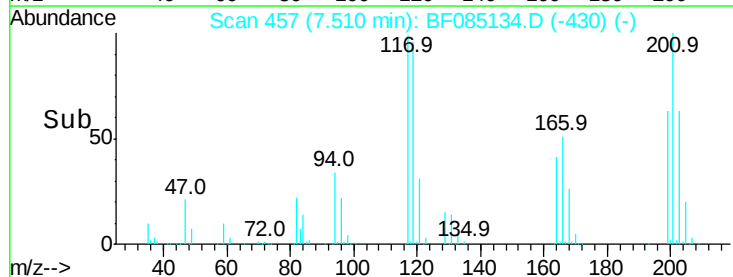
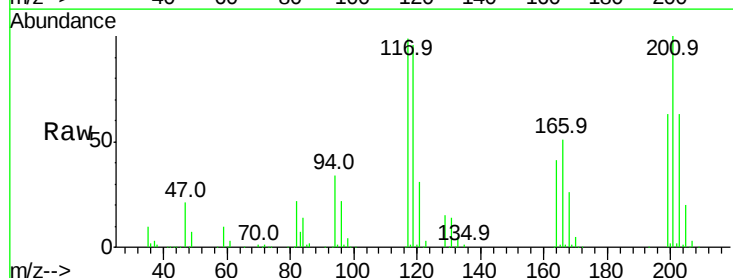
Instrument :
BNA_F
ClientSampleId :

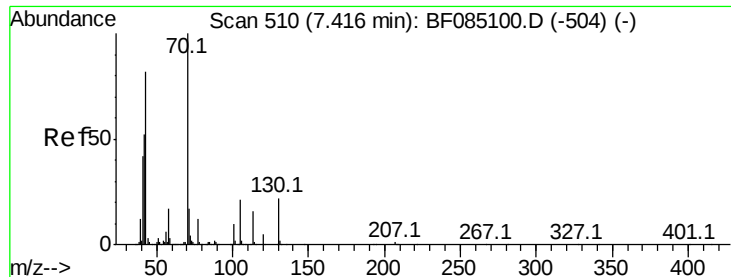
Tot Ion:107 Resp: 496690
Ion Ratio Lower Upper
107 100
108 113.4 91.4 137.2
77 42.5 38.7 58.1
79 42.1 37.8 56.6



#18
Hexachloroethane
Concen: 50.38 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:117 Resp: 229555
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4
201 101.0 66.8 100.2#





#19

n-Nitroso-di-n-propylamine

Concen: 47.98 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 404977

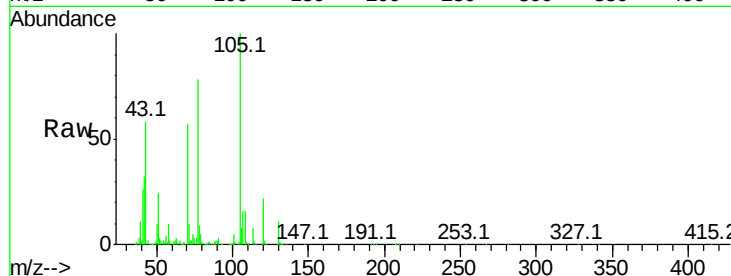
Ion Ratio Lower Upper

70 100

42 55.7 41.9 62.9

101 9.3 7.8 11.8

130 18.8 17.2 25.8

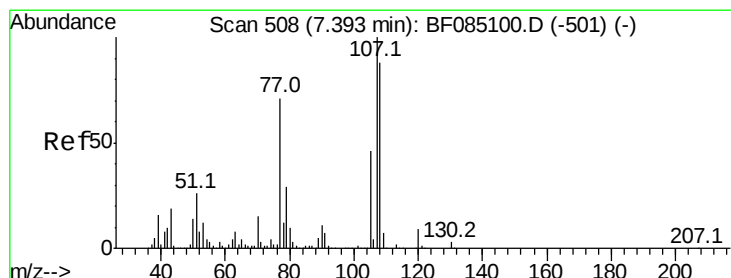
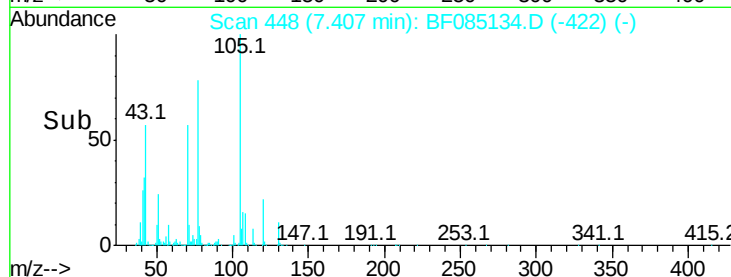
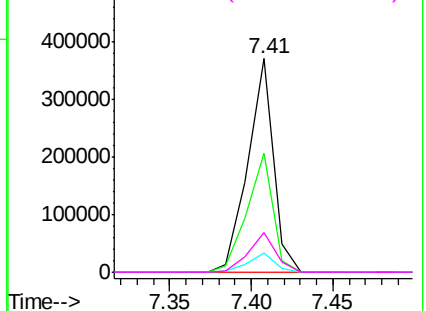


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 50.16 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion: 107 Resp: 565553

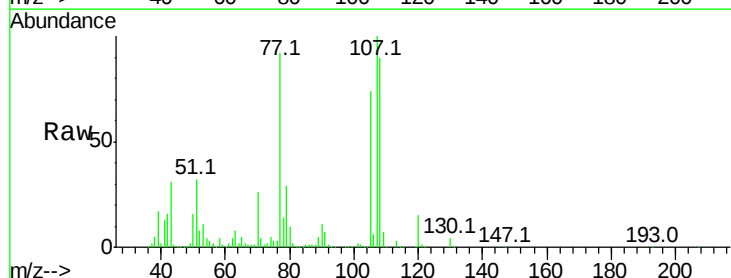
Ion Ratio Lower Upper

107 100

108 90.3 67.8 107.8

77 91.8 50.6 90.6#

79 29.0 9.1 49.1

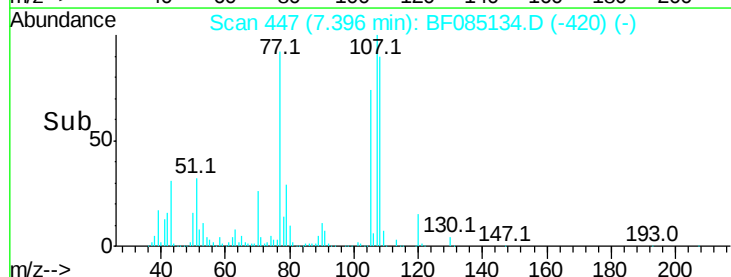
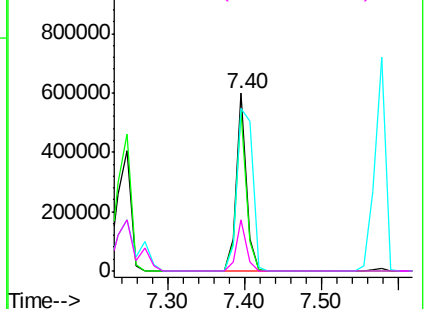


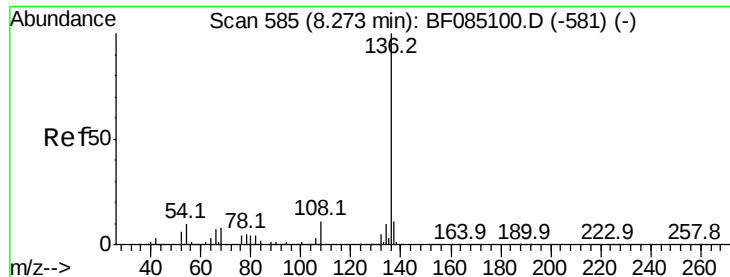
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 618996

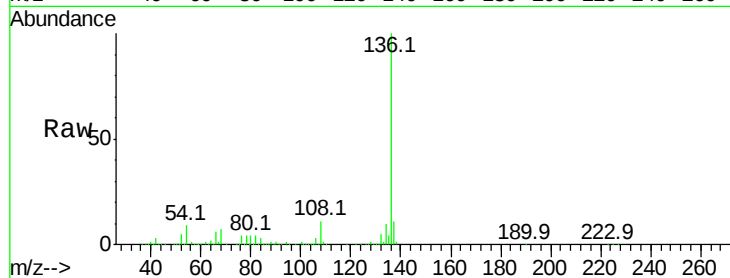
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.0 8.5 12.7

68 7.1 6.4 9.6

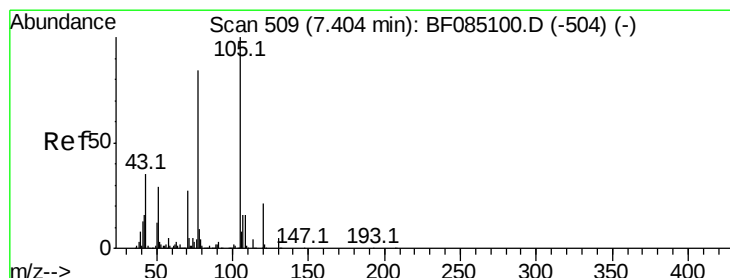
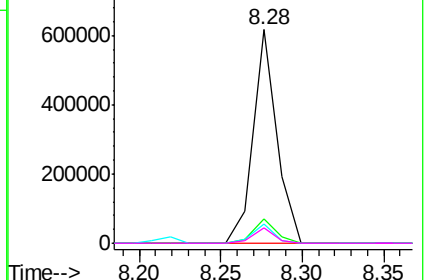
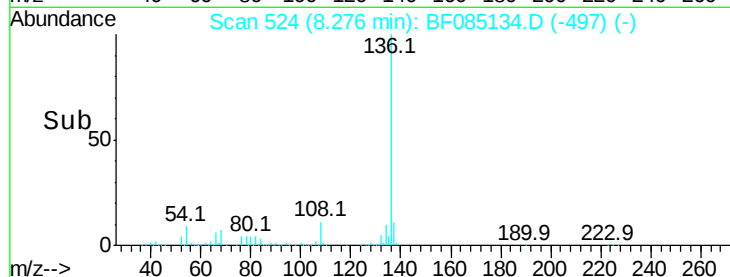


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.16 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion:105 Resp: 796620

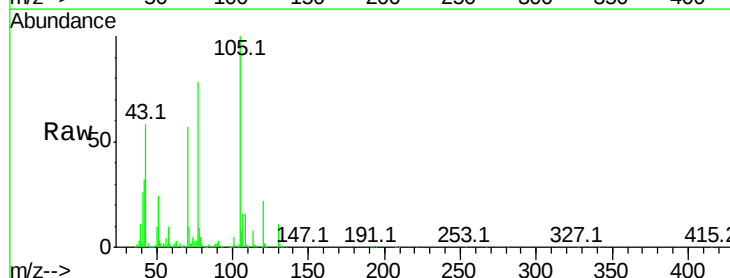
Ion Ratio Lower Upper

105 100

71 9.7 3.8 5.6#

51 24.0 22.9 34.3

120 22.3 16.9 25.3

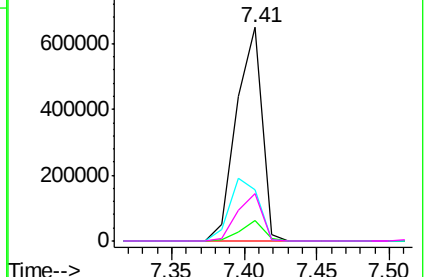
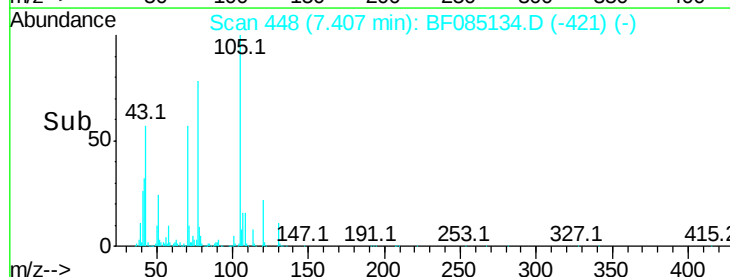


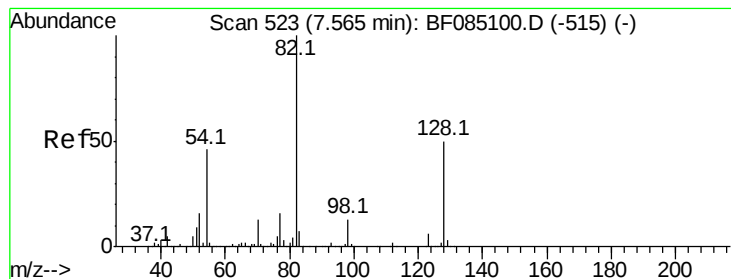
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 100.79 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

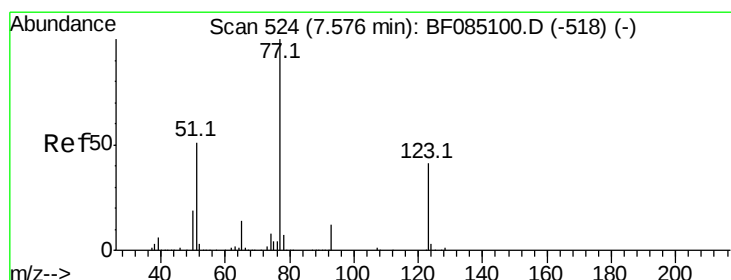
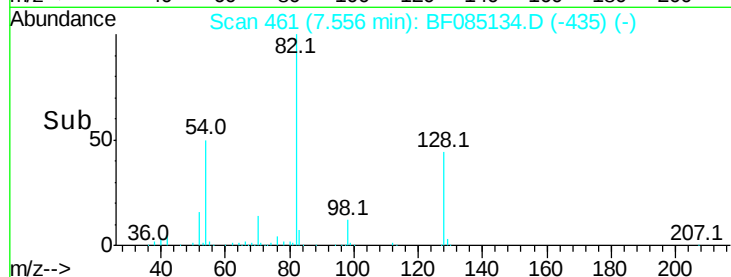
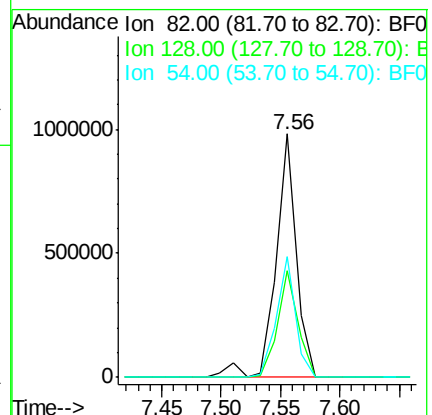
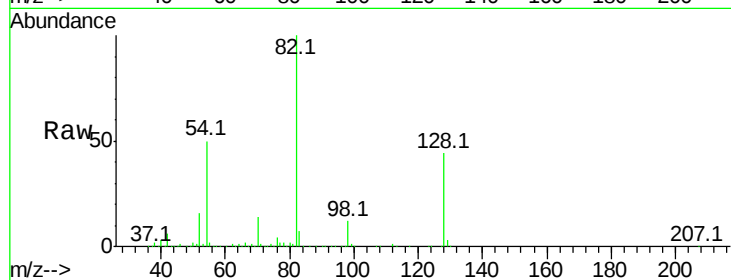
Tot Ion: 82 Resp: 1172641

Ion Ratio Lower Upper

82 100

128 43.6 39.8 59.6

54 49.7 36.6 54.8



#24

Nitrobenzene

Concen: 57.44 ng

RT: 7.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

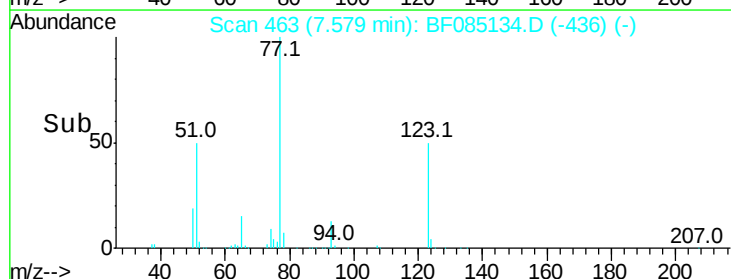
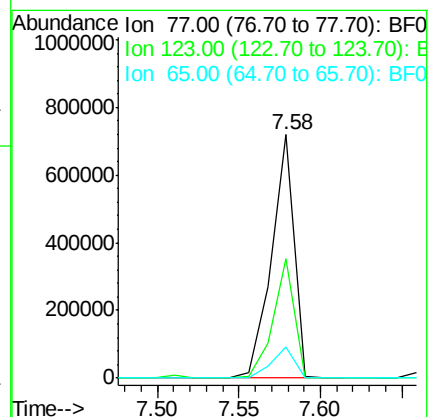
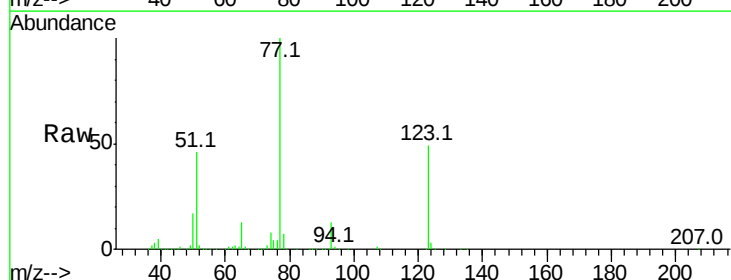
Tgt Ion: 77 Resp: 693281

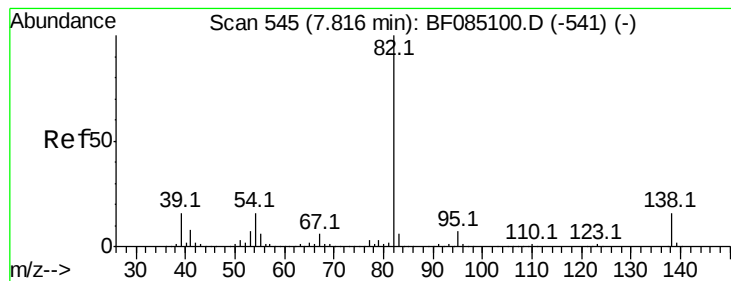
Ion Ratio Lower Upper

77 100

123 49.2 33.4 50.2

65 12.9 10.9 16.3





#25

Isophorone

Concen: 53.01 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampled :

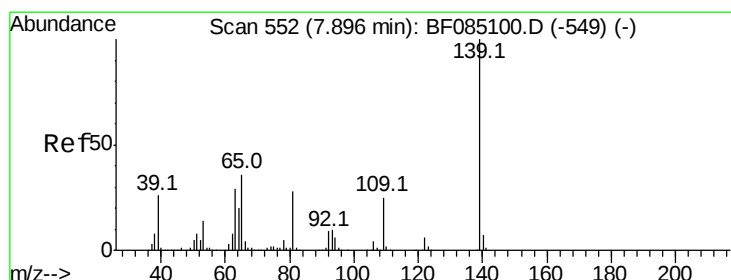
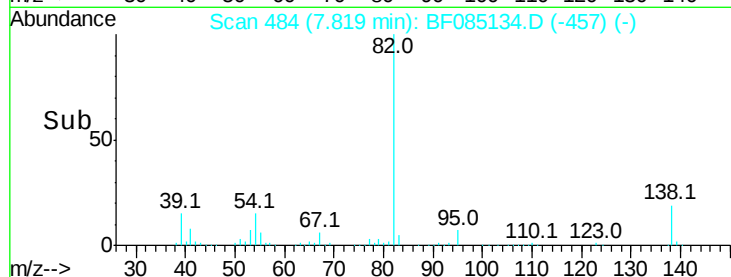
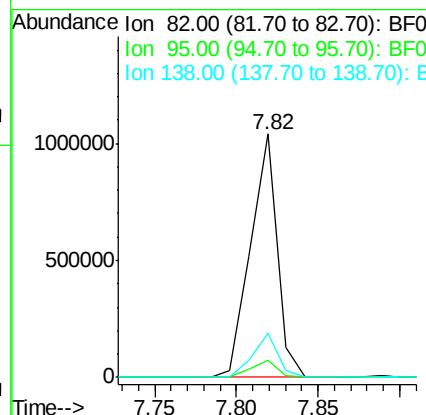
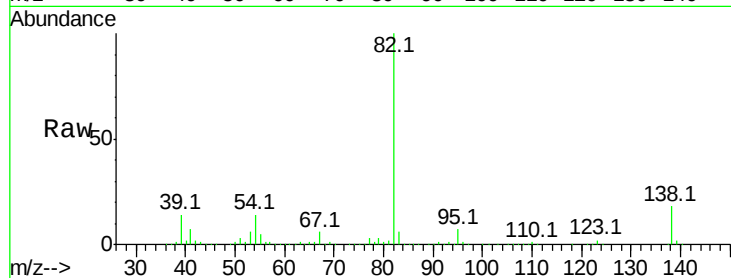
Tot Ion: 82 Resp: 1179901

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.0 12.6 18.8



#26

2-Nitrophenol

Concen: 52.61 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

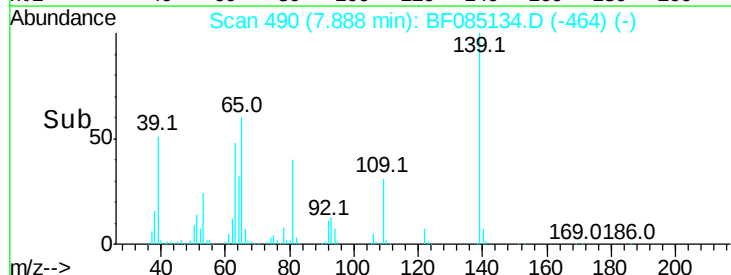
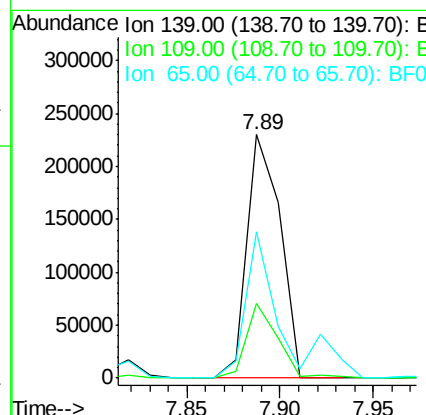
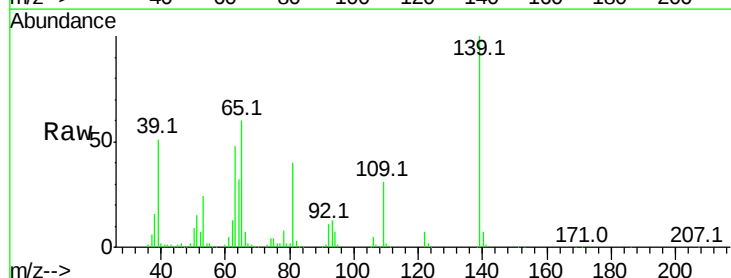
Tgt Ion:139 Resp: 283930

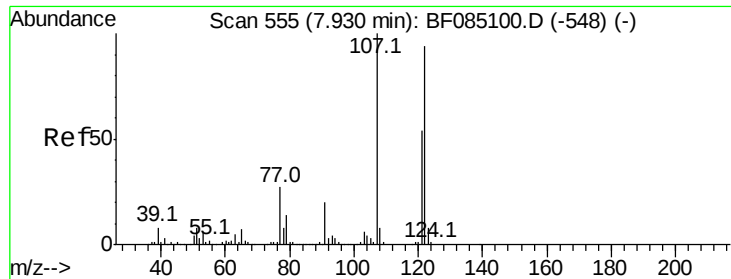
Ion Ratio Lower Upper

139 100

109 30.8 20.4 30.6#

65 59.9 29.2 43.8#

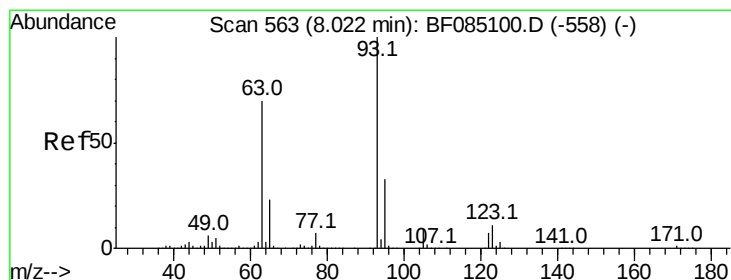
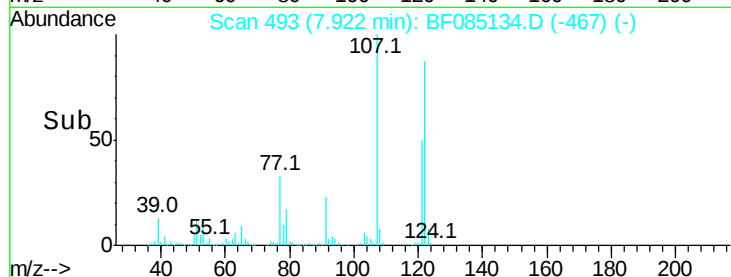
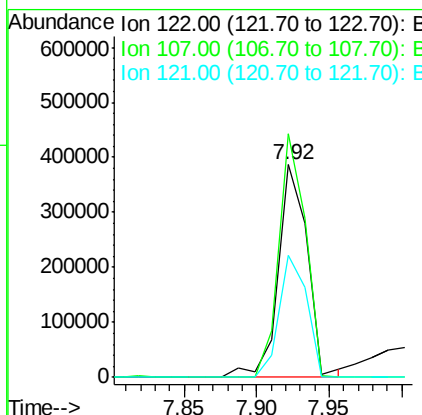
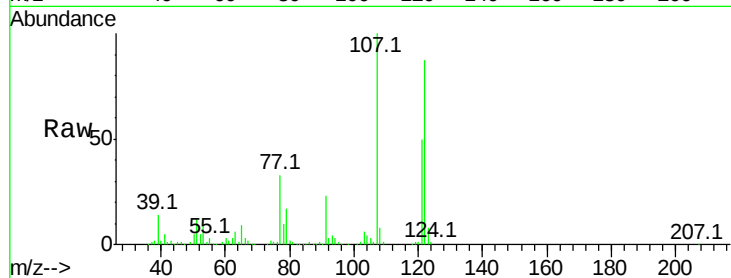




#27
 2,4-Dimethylphenol
 Concen: 51.35 ng
 RT: 7.92 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

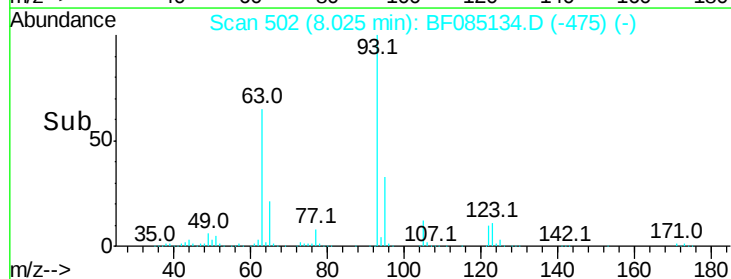
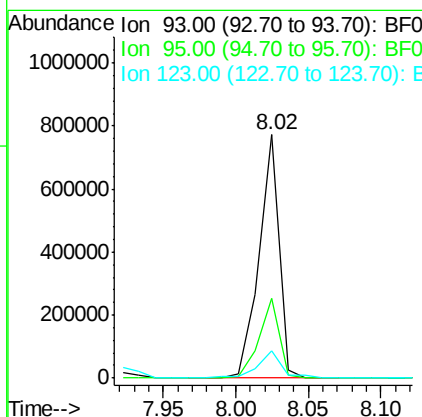
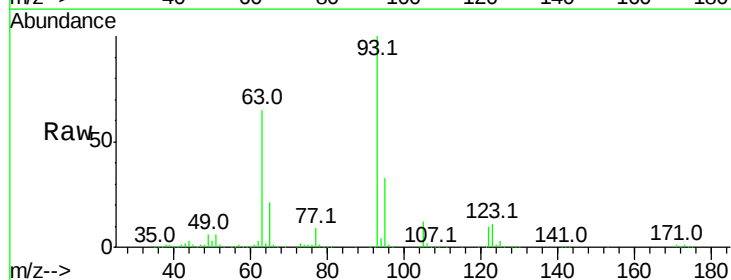
Instrument :
 BNA_F
 ClientSampleId :

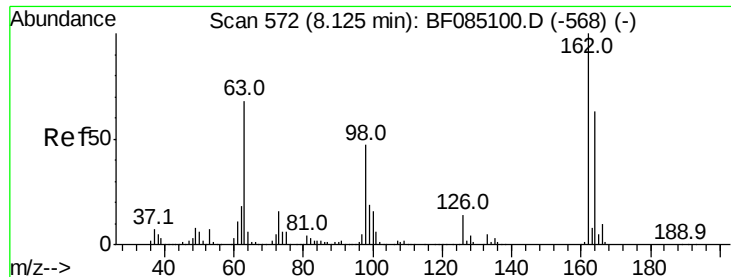
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	85.0	127.4
121	57.4	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.12 ng
 RT: 8.02 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.4	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 54.41 ng

RT: 8.13 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampled :

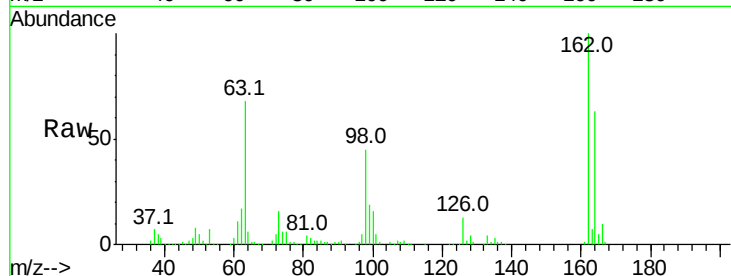
Tot Ion:162 Resp: 468278

Ion Ratio Lower Upper

162 100

164 63.2 42.9 82.9

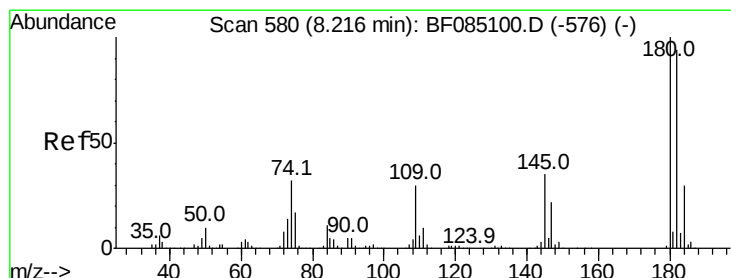
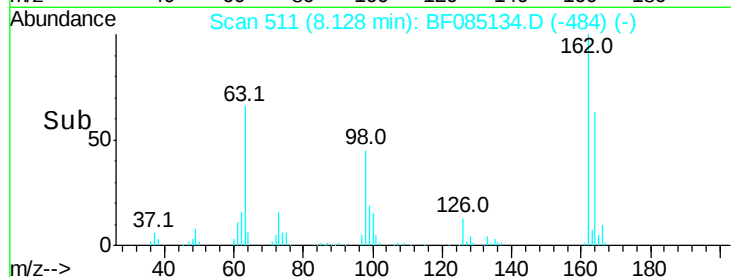
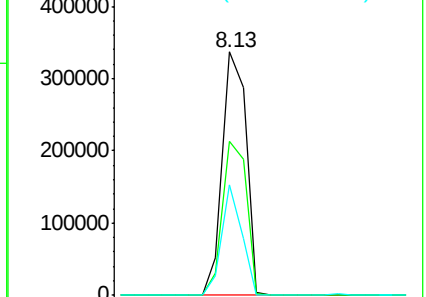
98 45.3 26.9 66.9



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: 54.38 ng

RT: 8.22 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

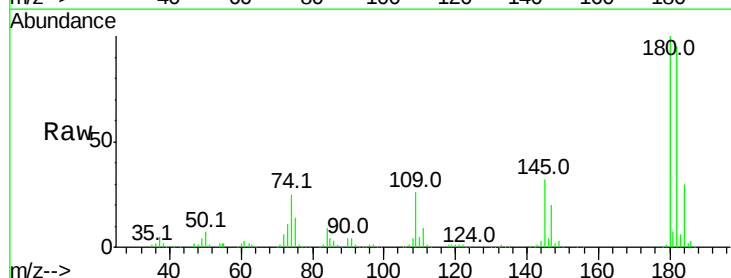
Tgt Ion:180 Resp: 510184

Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

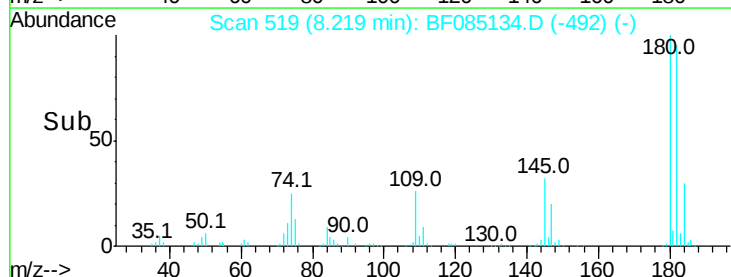
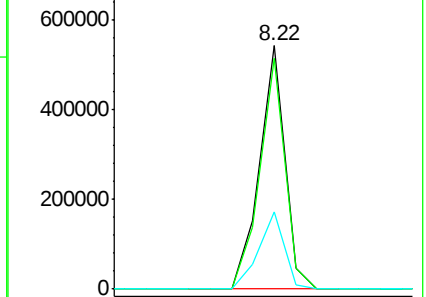
145 31.9 27.8 41.8

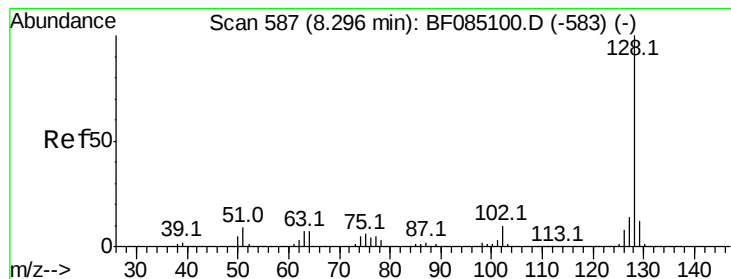


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 56.47 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

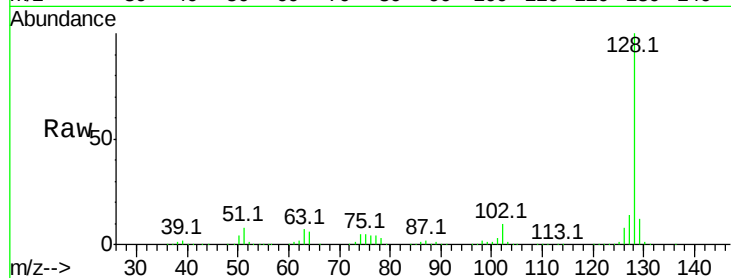
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1767907

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	14.1	11.1	16.7

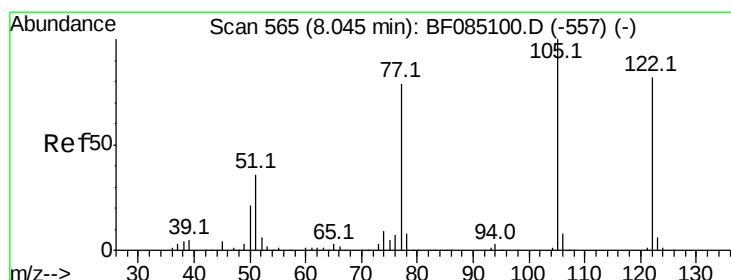
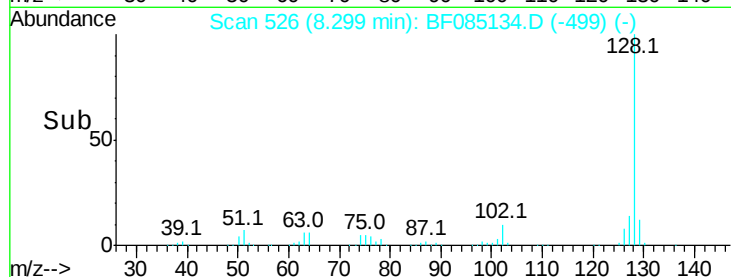
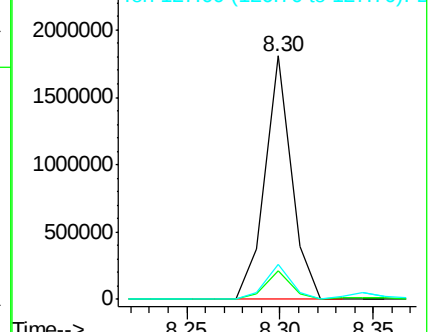


Abundance

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: 55.65 ng

RT: 8.05 min Scan# 504

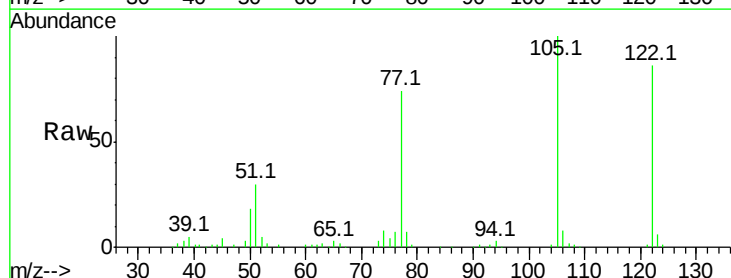
Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion:122 Resp: 353657

Ion	Ratio	Lower	Upper
122	100		
105	116.3	102.0	142.0
77	85.8	76.8	116.8

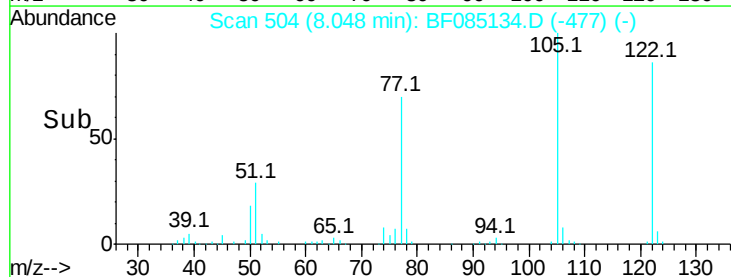
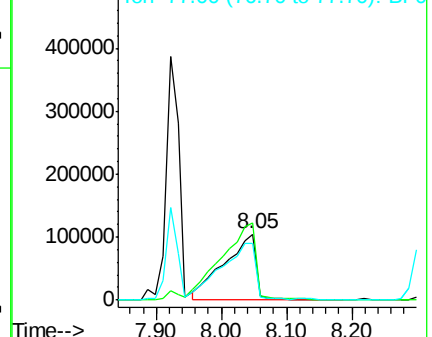


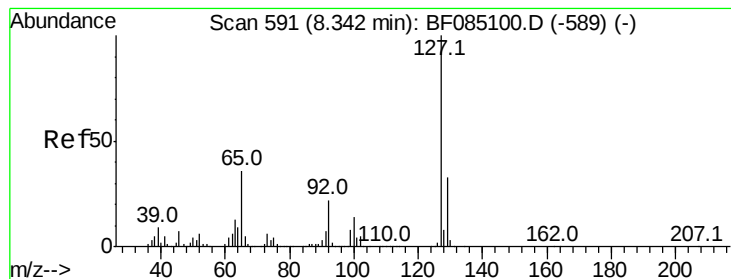
Abundance

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: 6.87 ng

RT: 8.34 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 85008

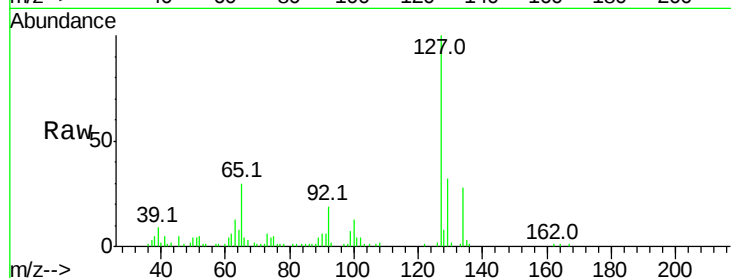
Ion Ratio Lower Upper

127 100

129 31.6 26.3 39.5

65 30.4 28.6 43.0

92 18.8 17.8 26.8

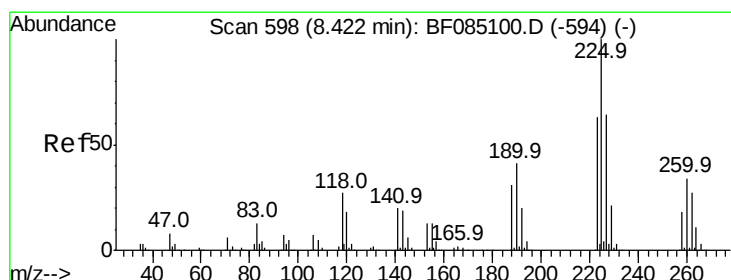
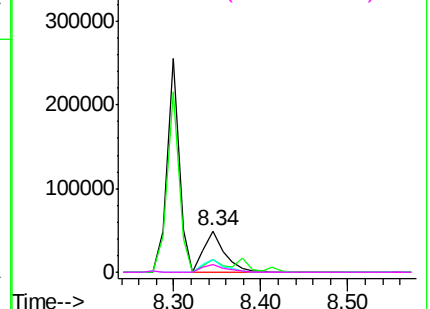
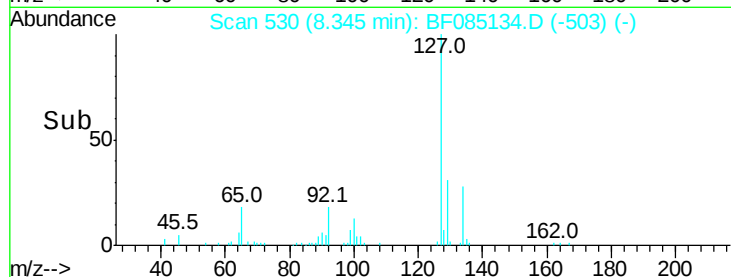


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 52.14 ng

RT: 8.41 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

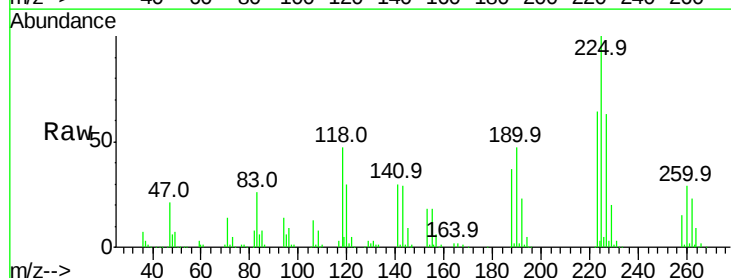
Tgt Ion:225 Resp: 283748

Ion Ratio Lower Upper

225 100

223 63.9 50.4 75.6

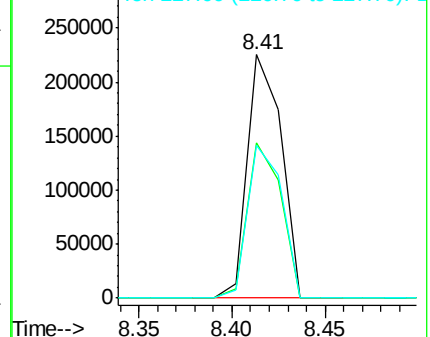
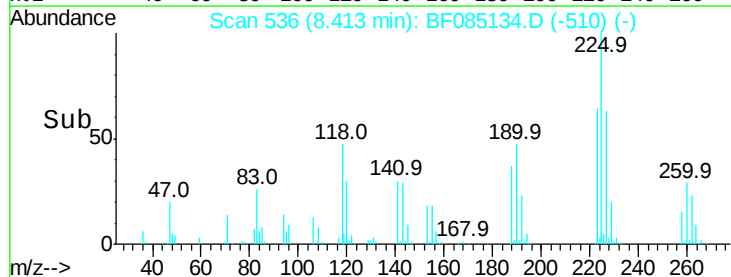
227 62.8 51.6 77.4

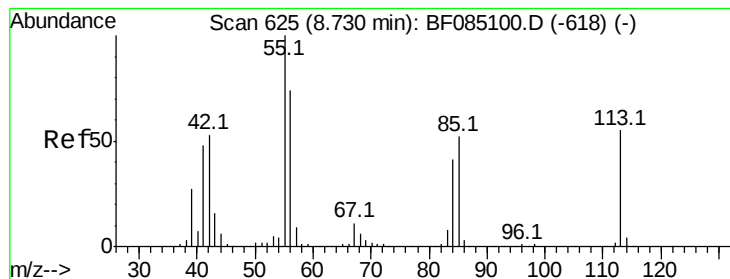


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.70 ng

RT: 8.72 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

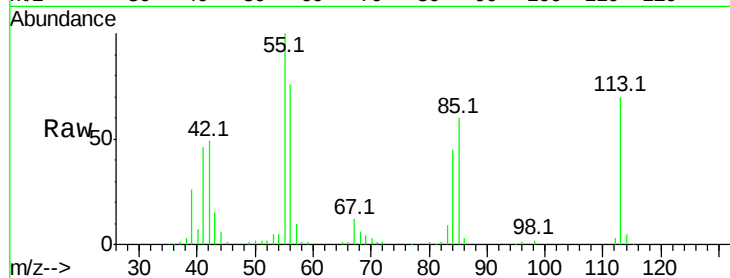
Tot Ion:113 Resp: 107236

Ion Ratio Lower Upper

113 100

55 143.1 162.9 202.9#

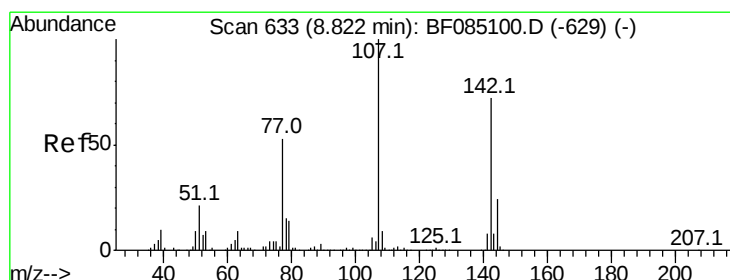
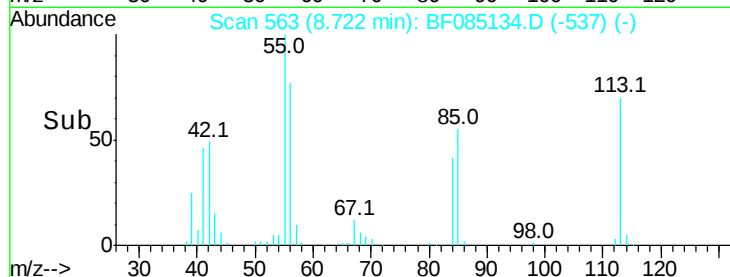
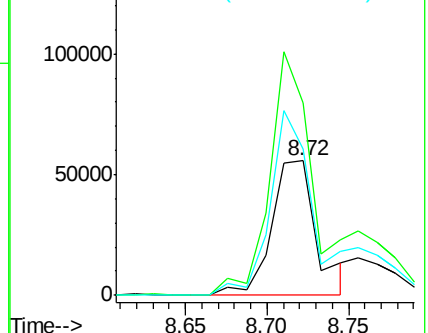
56 109.0 114.5 154.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.10 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

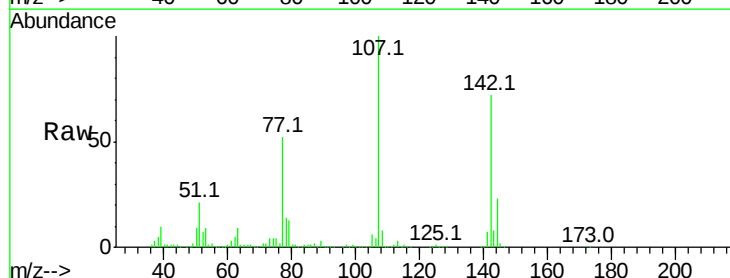
Tgt Ion:107 Resp: 495778

Ion Ratio Lower Upper

107 100

144 23.1 18.9 28.3

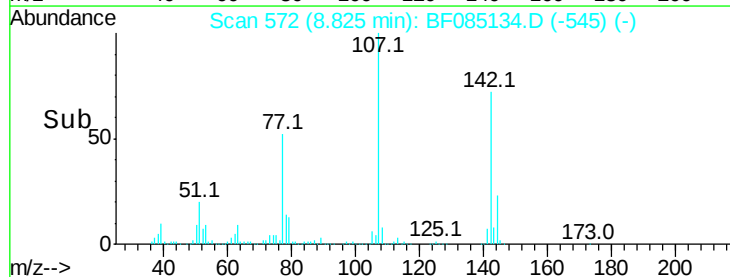
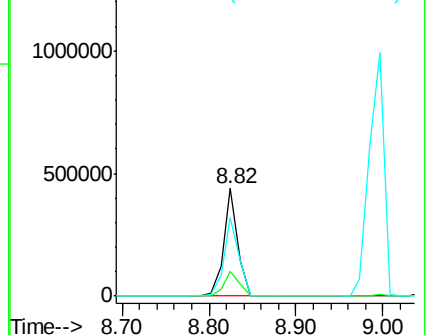
142 72.4 57.9 86.9

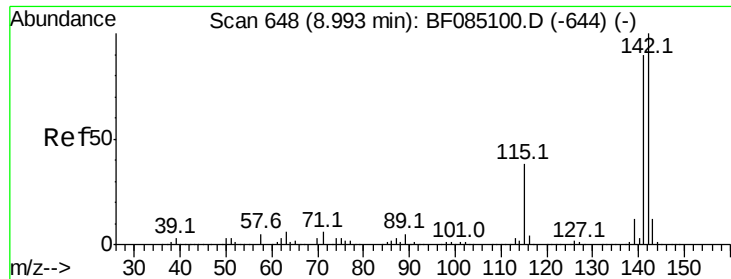


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

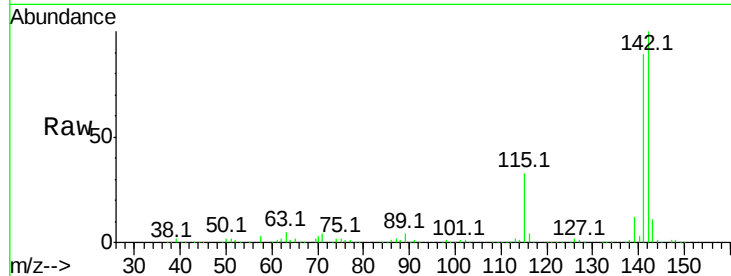




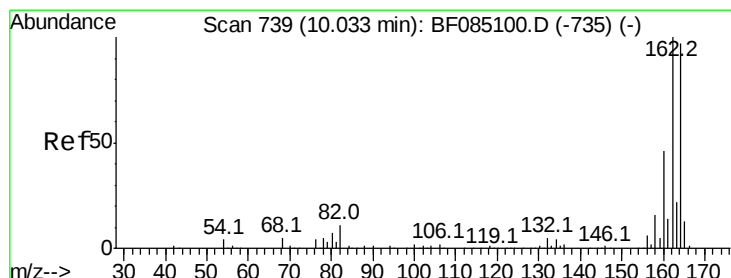
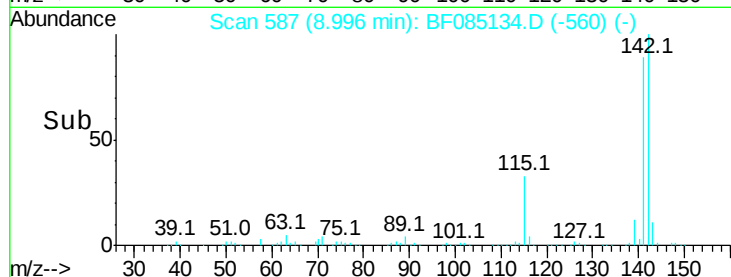
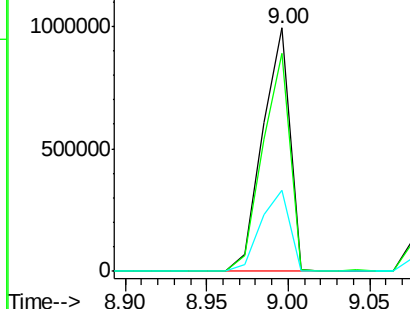
#37
2-Methylnaphthalene
Concen: 60.13 ng
RT: 9.00 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1150632
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5
115 33.0 30.1 45.1

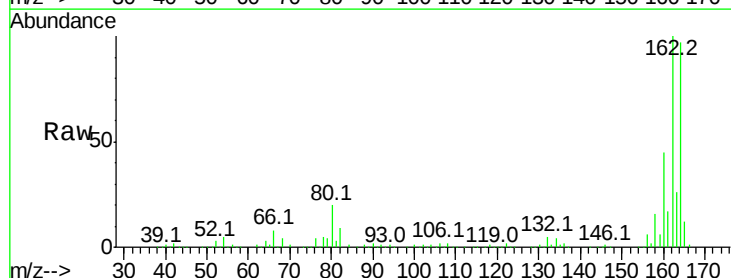


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

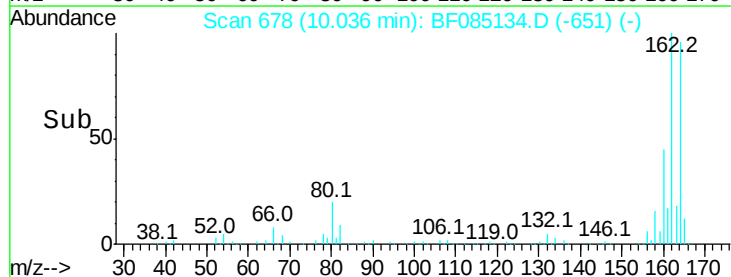
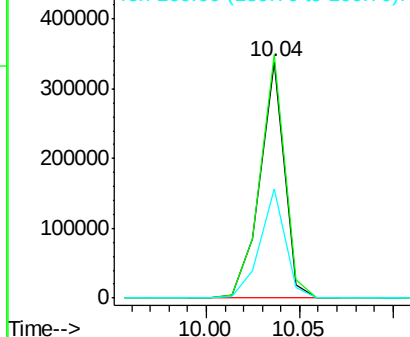


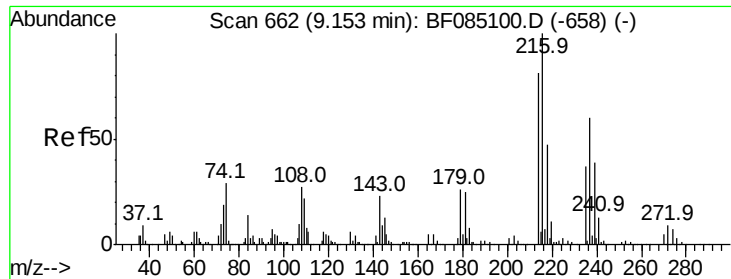
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:164 Resp: 306084
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 46.2 38.2 57.2



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

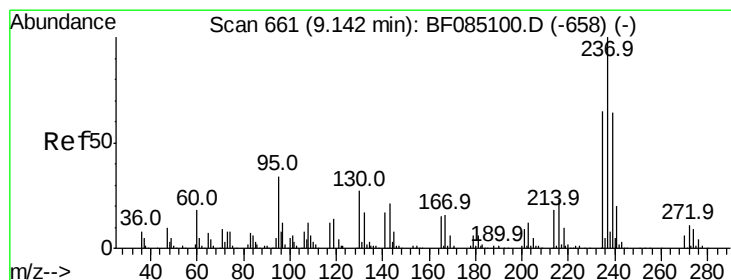
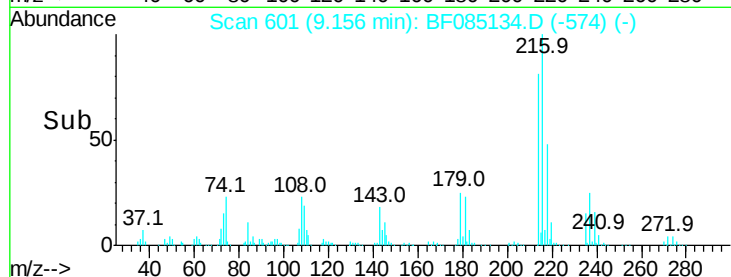
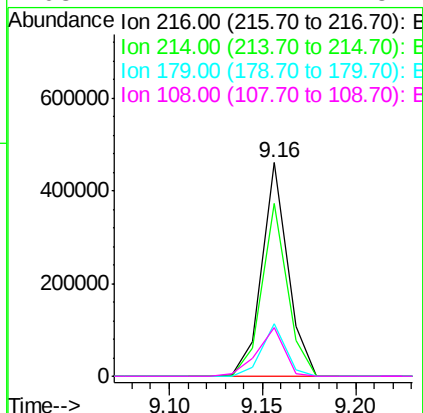
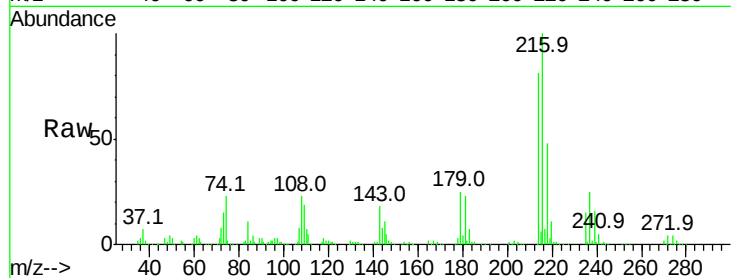




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.85 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

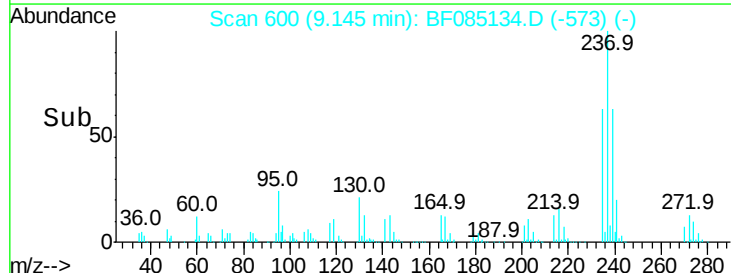
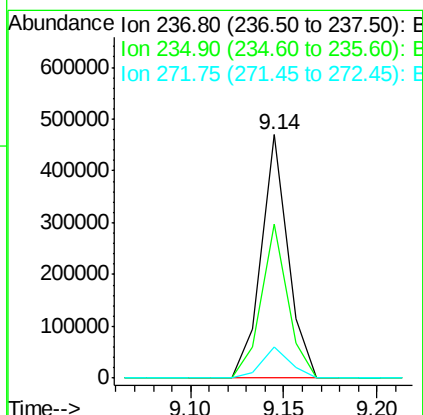
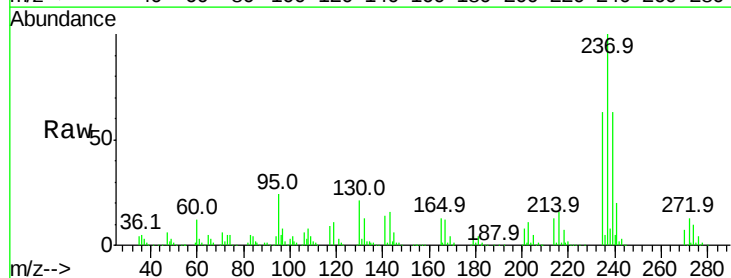
Instrument :
 BNA_F
 ClientSampleId :

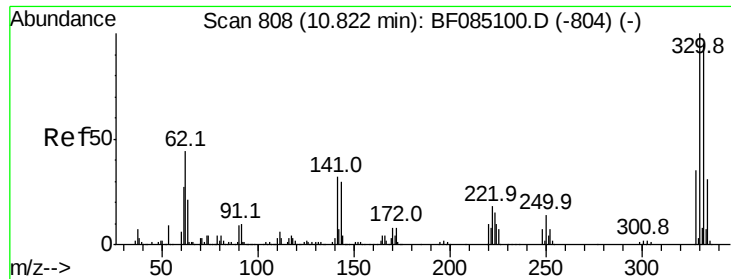
Tot Ion:	216	Resp:	441597
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.7	95.5
179	23.1	18.1	27.1
108	24.1	17.1	25.7



#40
 Hexachlorocyclopentadiene
 Concen: 86.67 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion:	237	Resp:	465164
Ion	Ratio	Lower	Upper
237	100		
235	63.3	45.3	85.3
272	12.8	0.0	31.2

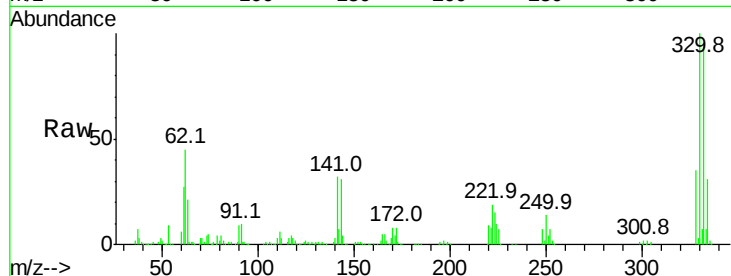




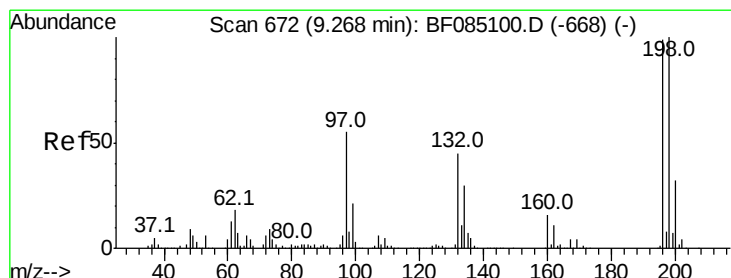
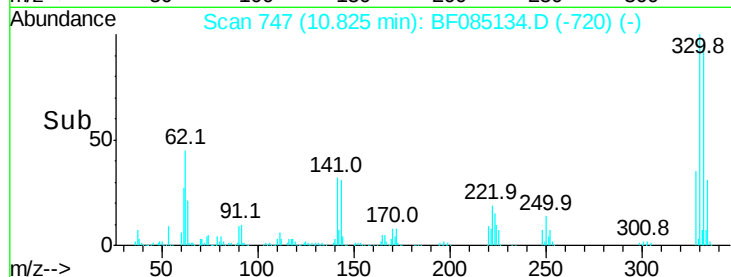
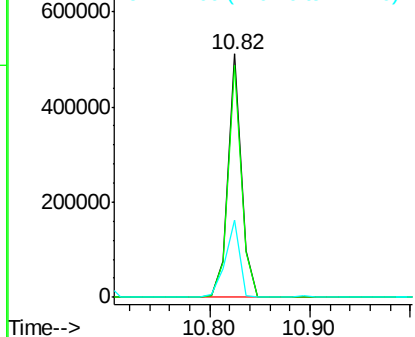
#41
 2,4,6-Tribromophenol
 Concen: 154.49 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	33.7	28.9	43.3

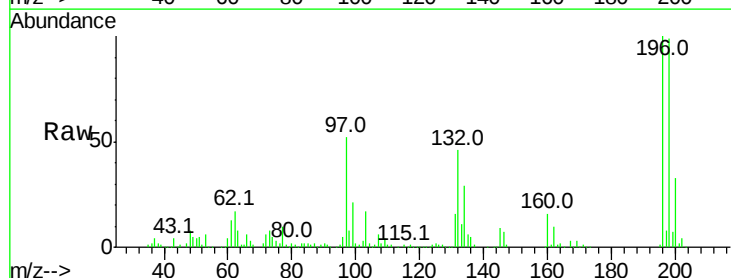


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

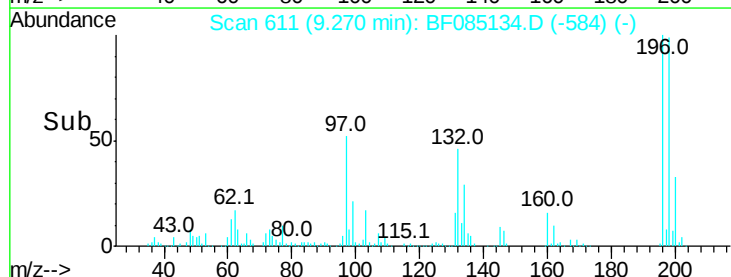
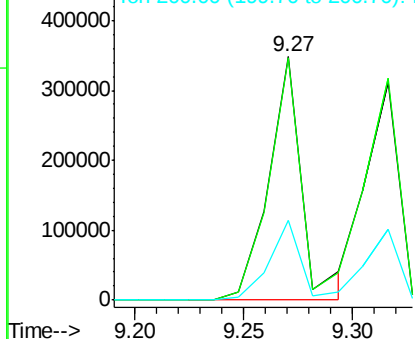


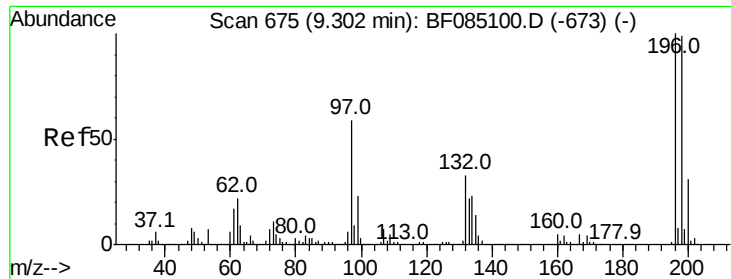
#42
 2,4,6-Trichlorophenol
 Concen: 58.78 ng
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.4	120.6
200	32.9	25.8	38.8



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

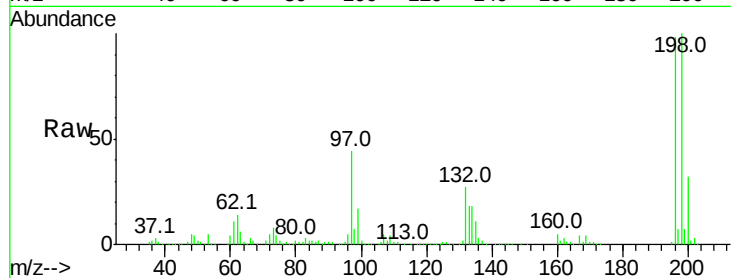




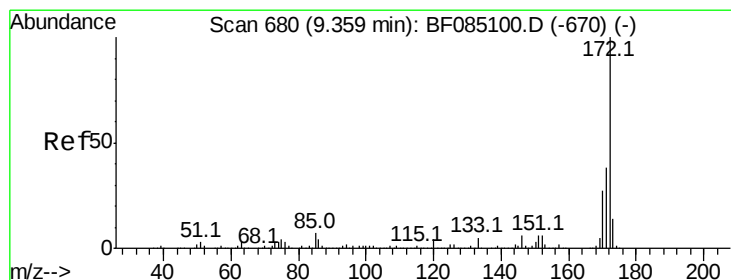
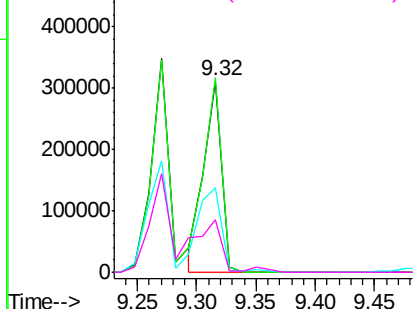
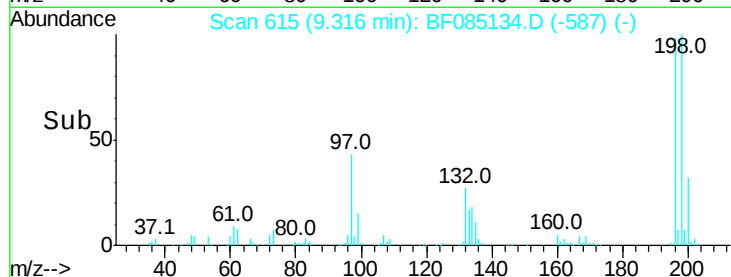
#43
 2,4,5-Trichlorophenol
 Concen: 54.18 ng
 RT: 9.32 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 329509
 Ion Ratio Lower Upper
 196 100
 198 102.0 79.5 119.3
 97 44.4 47.3 70.9#
 132 27.3 26.5 39.7

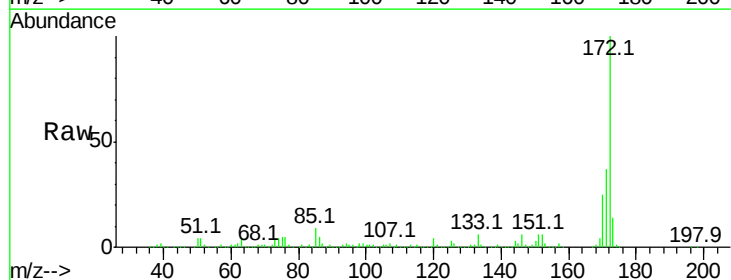


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

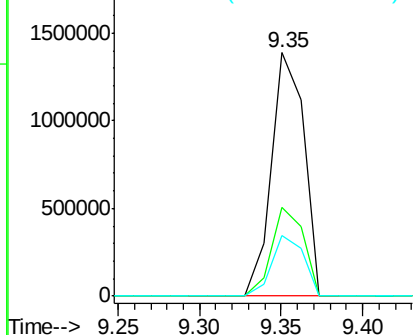
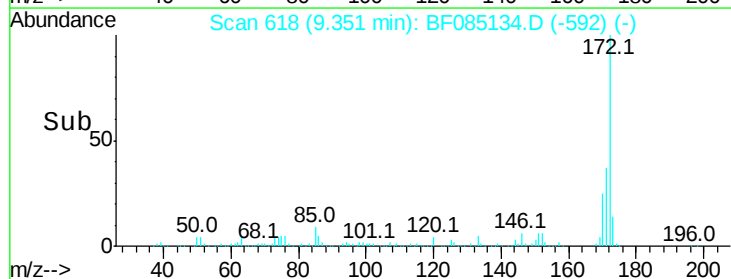


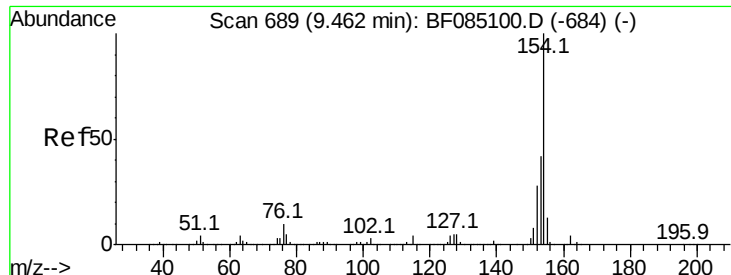
#44
 2-Fluorobiphenyl
 Concen: 92.93 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion:172 Resp: 1931392
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 25.1 21.2 31.8



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: 44.53 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

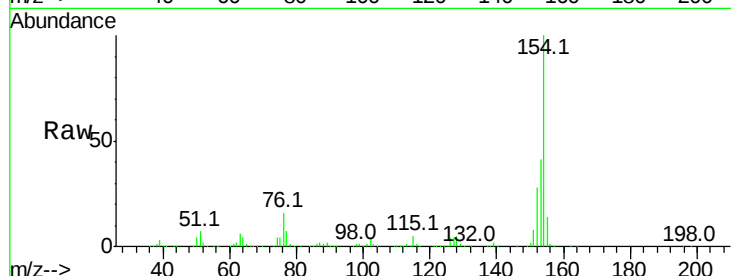
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1209811

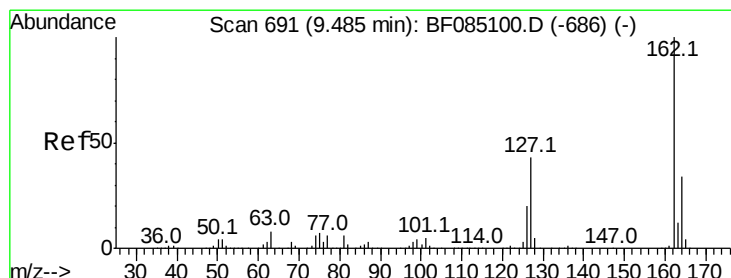
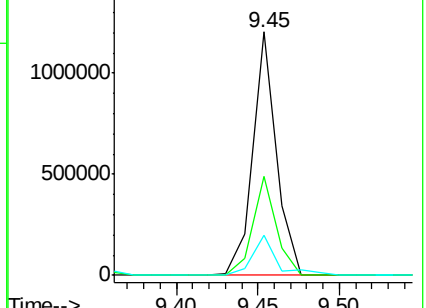
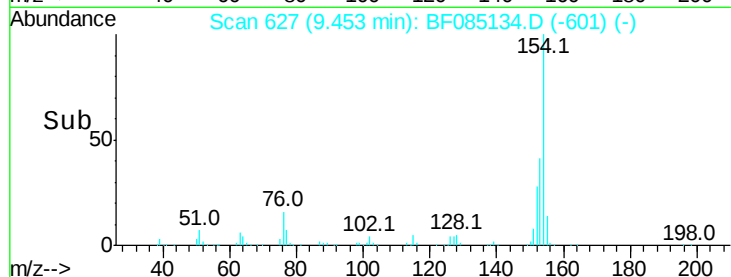
Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.5	61.5
76	16.2	0.0	29.7



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: 50.50 ng

RT: 9.49 min Scan# 630

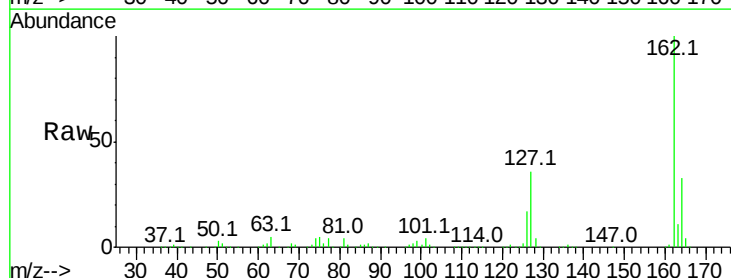
Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion:162 Resp: 1000832

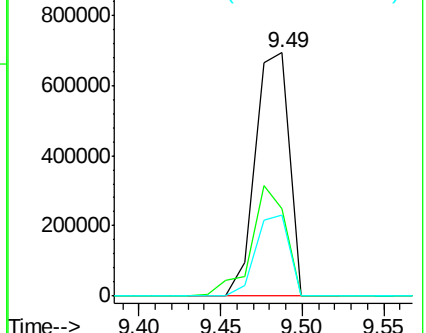
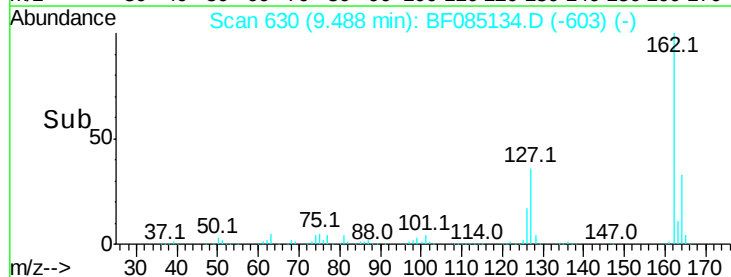
Ion	Ratio	Lower	Upper
162	100		
127	36.0	34.2	51.4
164	33.5	27.2	40.8

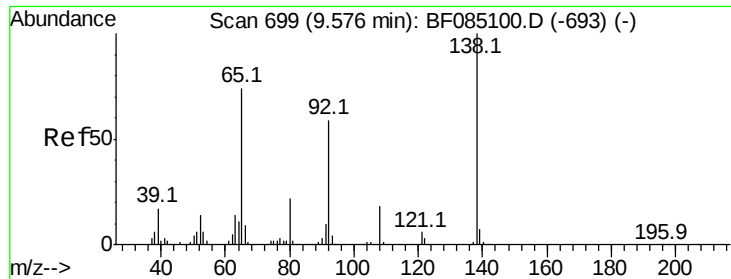


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.03 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

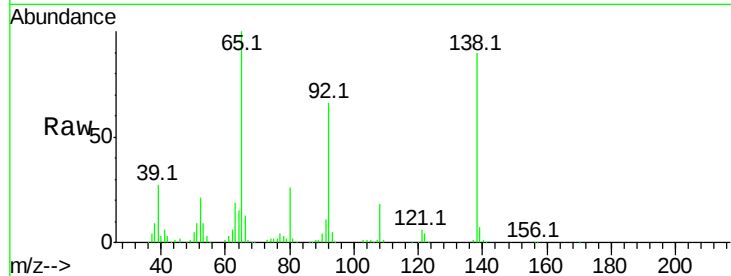
Tot Ion: 65 Resp: 298770

Ion Ratio Lower Upper

65 100

92 66.5 63.8 95.6

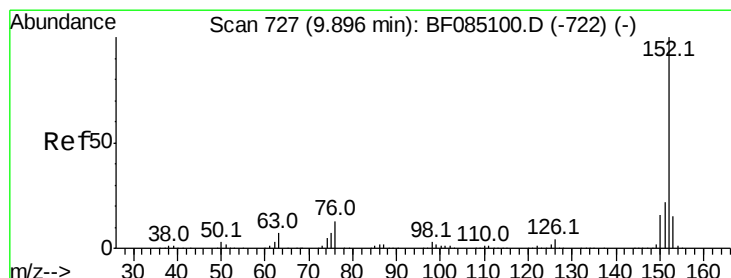
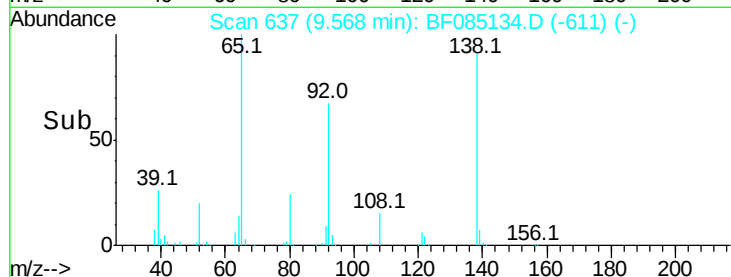
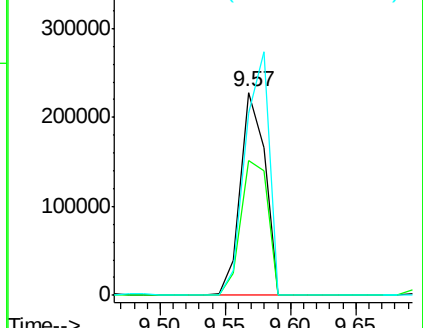
138 89.7 108.5 162.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 51.42 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

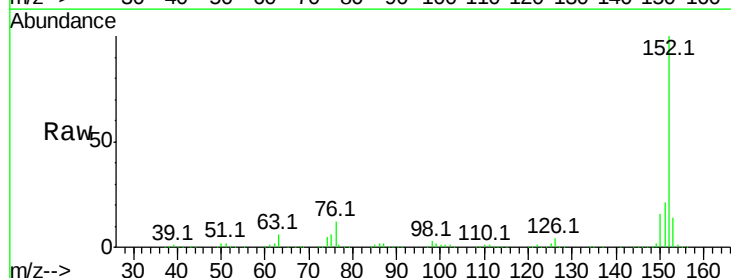
Tgt Ion:152 Resp: 1514352

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

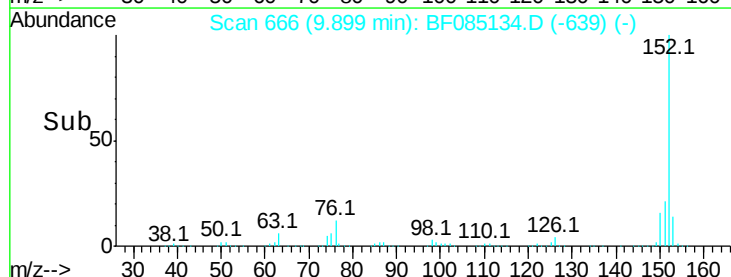
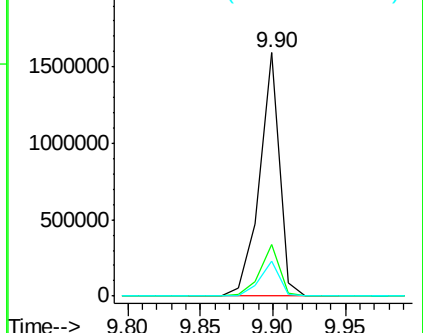
153 14.5 12.0 18.0

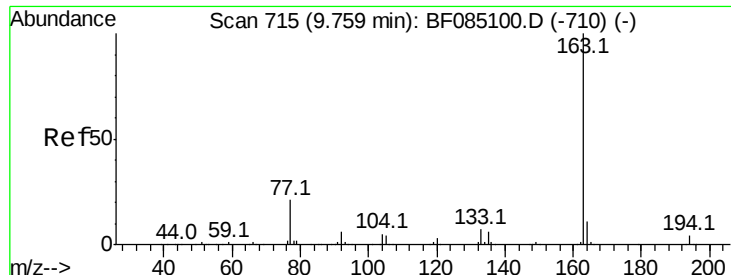


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

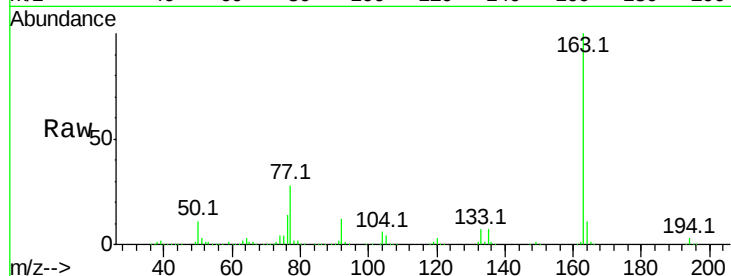




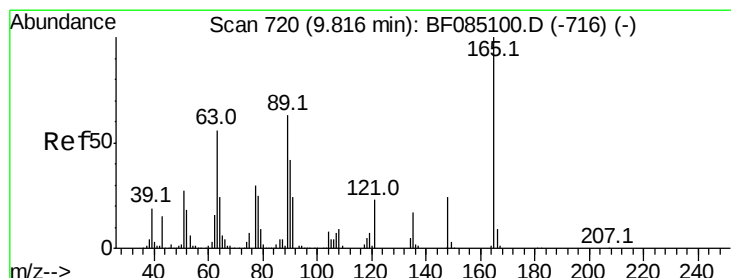
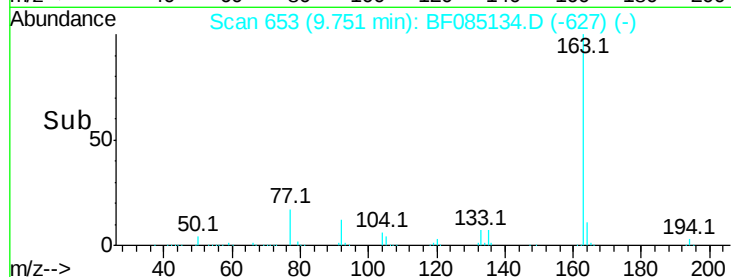
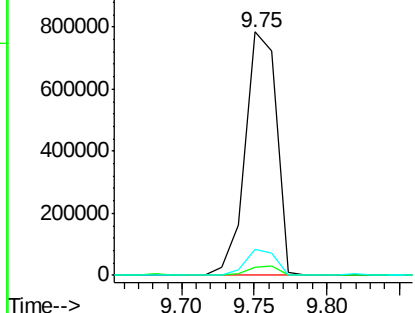
#49
Dimethylphthalate
Concen: 51.60 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1171055
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.9 8.6 12.8

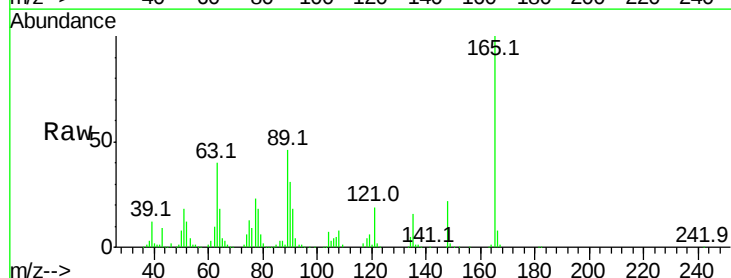


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

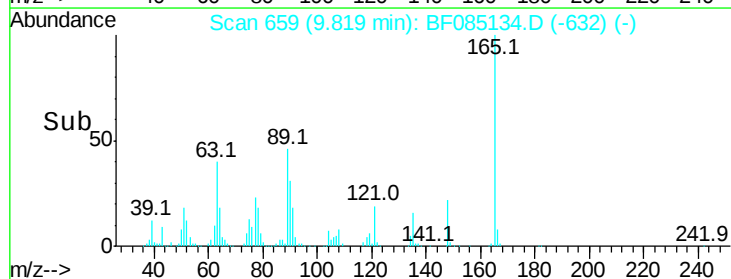
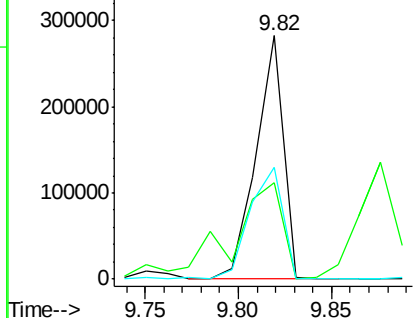


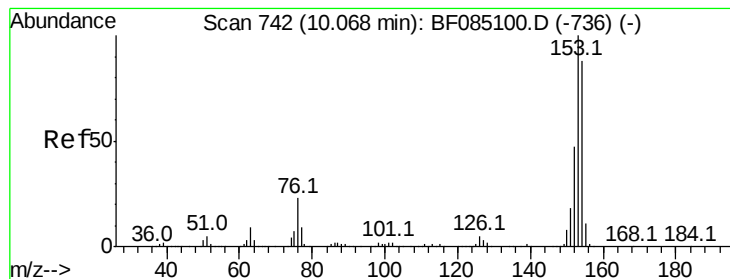
#50
2,6-Dinitrotoluene
Concen: 60.49 ng
RT: 9.82 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:165 Resp: 284680
Ion Ratio Lower Upper
165 100
63 39.7 47.4 71.2#
89 46.1 50.2 75.2#



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





#51

Acenaphthene

Concen: 59.36 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

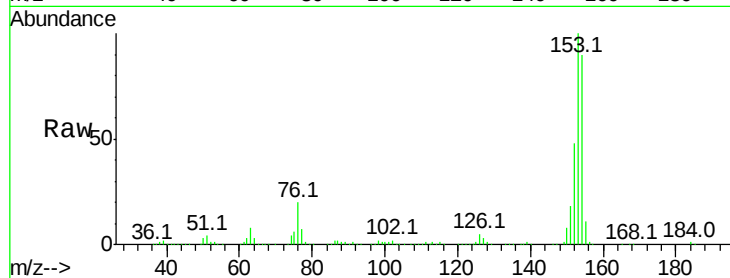
Tot Ion:154 Resp: 1097515

Ion Ratio Lower Upper

154 100

153 111.5 91.0 136.6

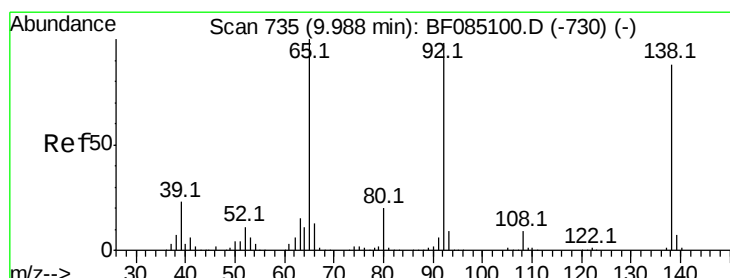
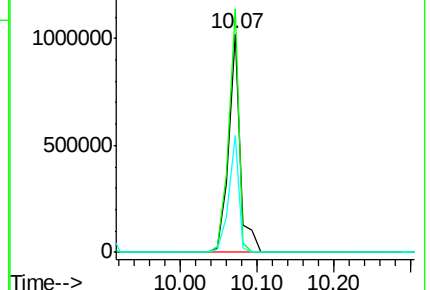
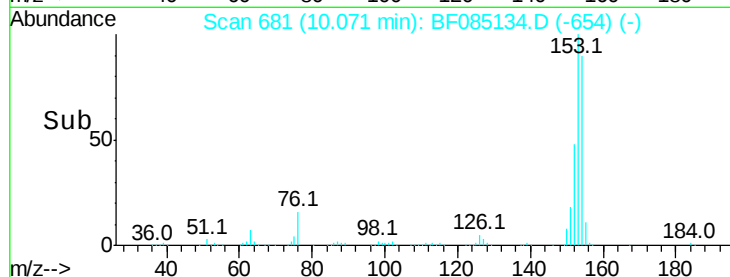
152 53.4 43.0 64.6



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: 13.27 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

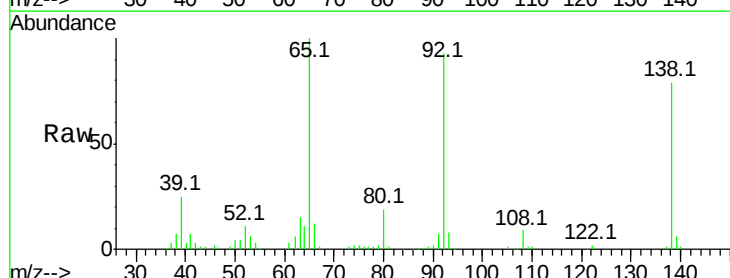
Tgt Ion:138 Resp: 74208

Ion Ratio Lower Upper

138 100

108 11.0 8.2 12.2

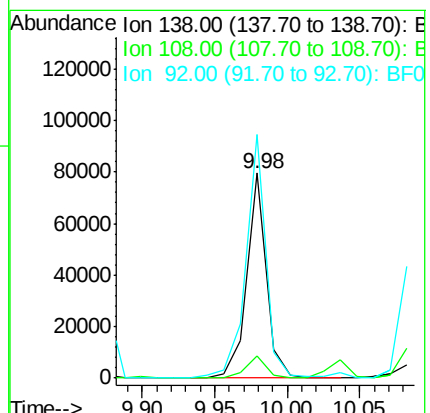
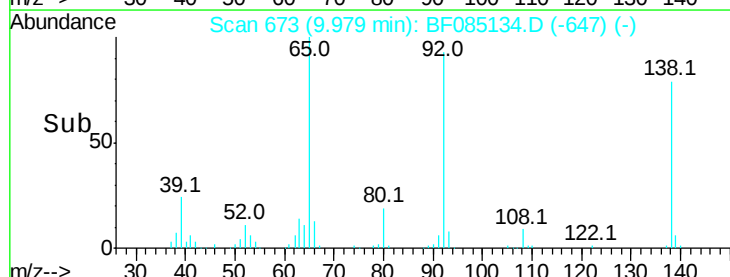
92 118.9 89.0 133.6

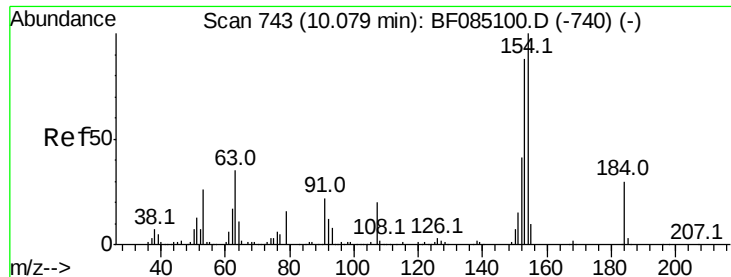


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

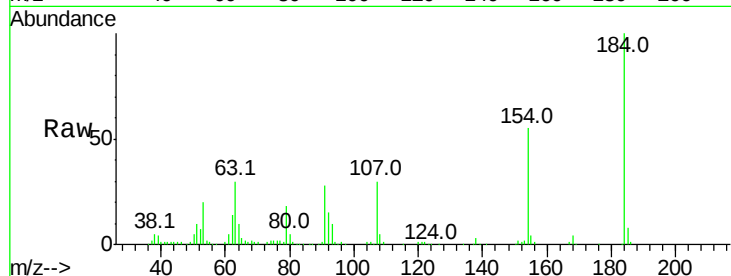




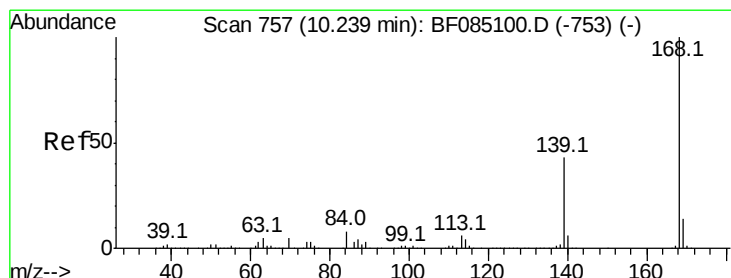
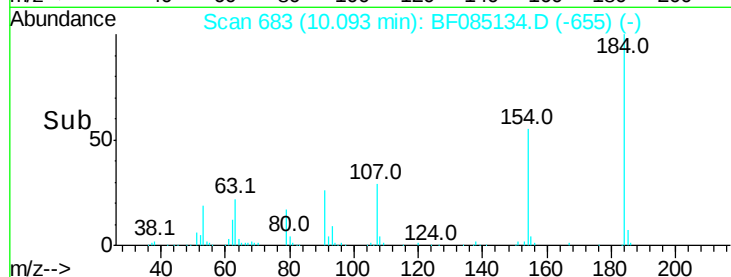
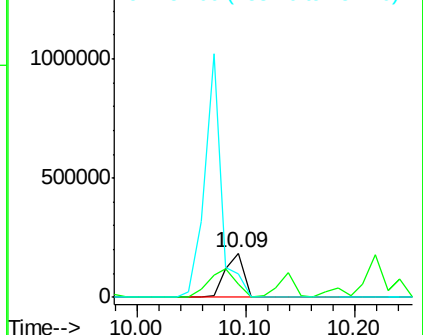
#53
2,4-Dinitrophenol
Concen: 87.20 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 218033
Ion Ratio Lower Upper
184 100
63 30.2 94.0 141.0#
154 54.5 269.8 404.8#

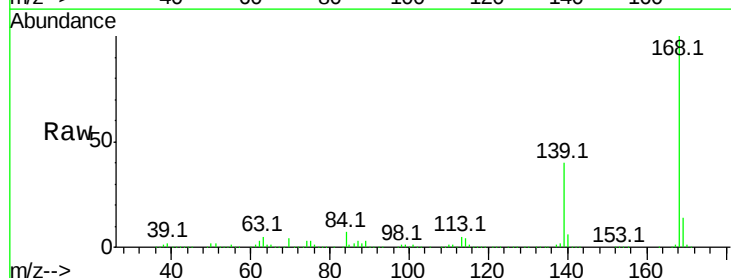


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

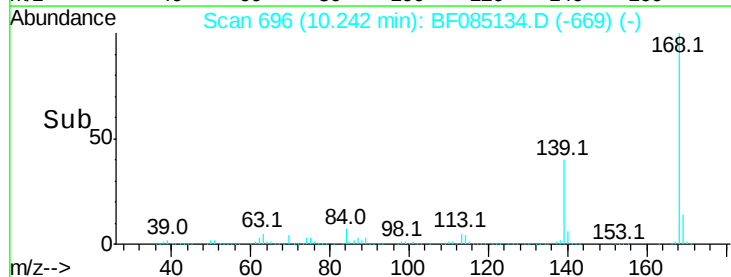
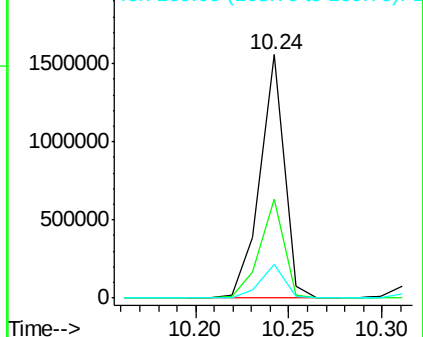


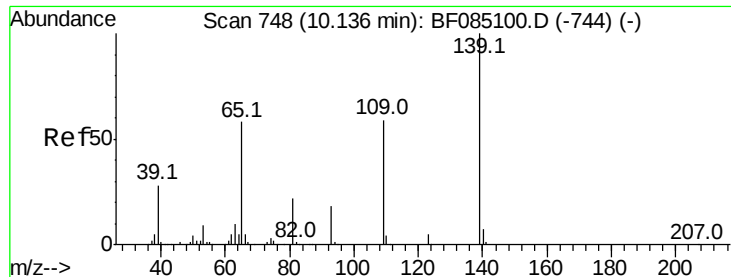
#54
Dibenzofuran
Concen: 58.36 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:168 Resp: 1400901
Ion Ratio Lower Upper
168 100
139 40.4 34.2 51.2
169 14.0 11.4 17.2



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

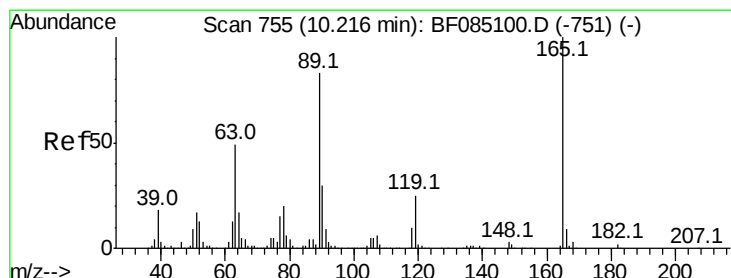
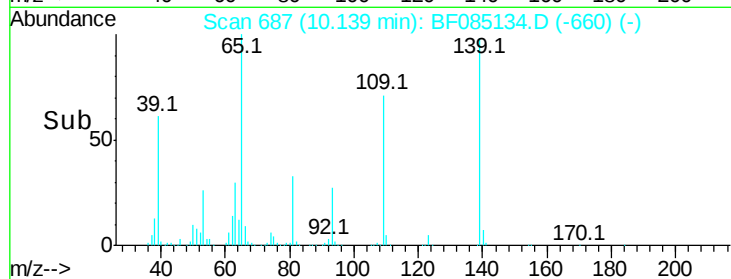
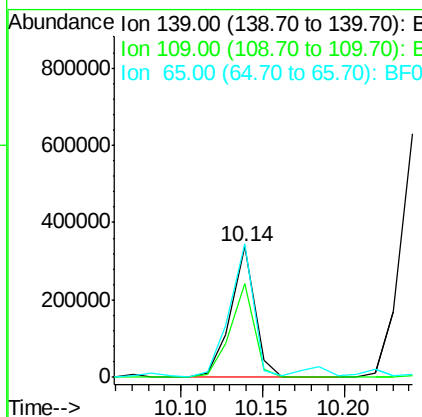
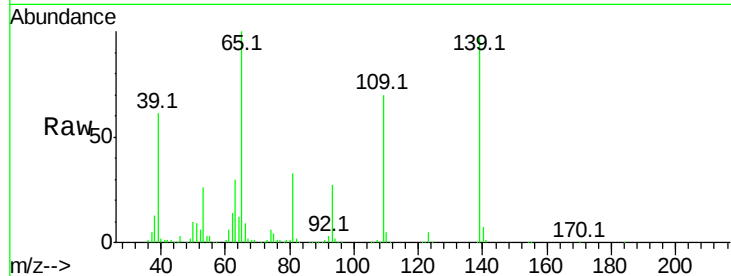




#55
4-Nitrophenol
Concen: 80.79 ng
RT: 10.14 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

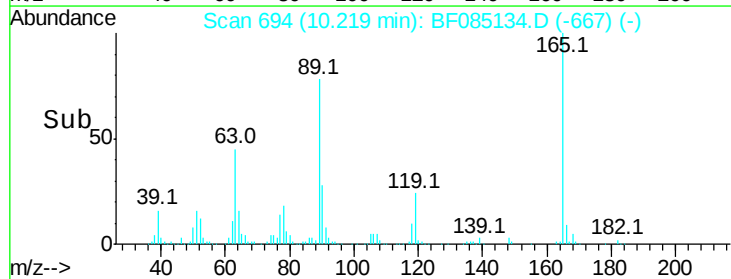
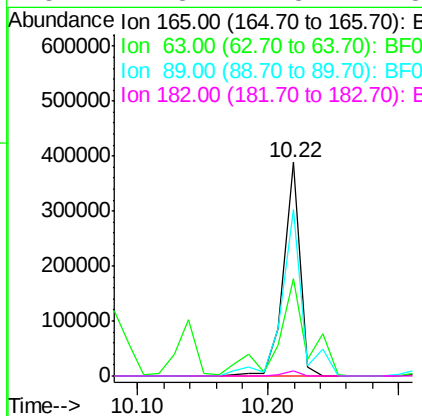
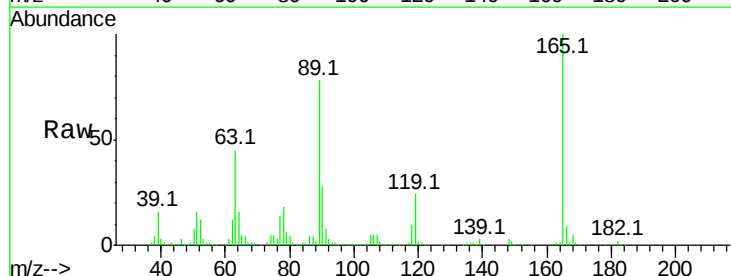
Instrument :
BNA_F
ClientSampleId :

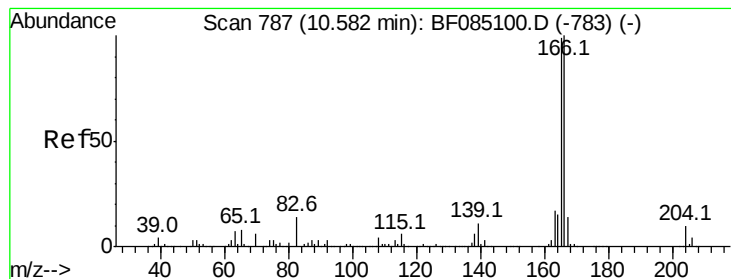
Tot Ion:139 Resp: 346575
Ion Ratio Lower Upper
139 100
109 72.3 39.5 79.5
65 102.6 38.4 78.4#



#56
2,4-Dinitrotoluene
Concen: 54.48 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:165 Resp: 345456
Ion Ratio Lower Upper
165 100
63 45.4 39.2 58.8
89 78.0 66.2 99.4
182 2.3 1.8 2.8





#57

Fluorene

Concen: 55.81 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

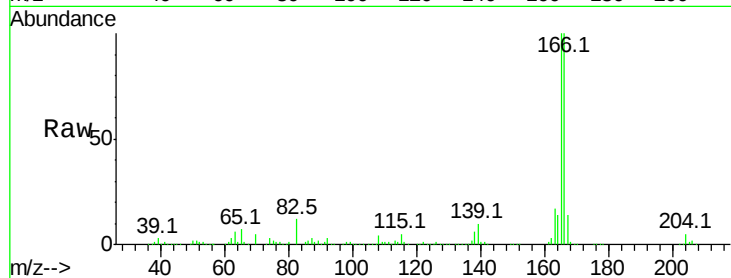
Tot Ion:166 Resp: 1053509

Ion Ratio Lower Upper

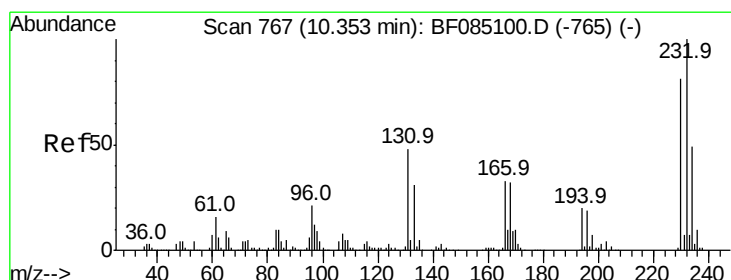
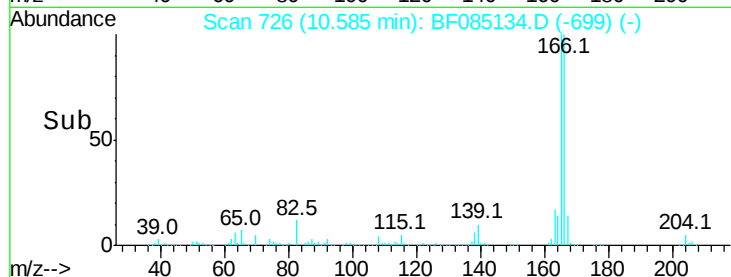
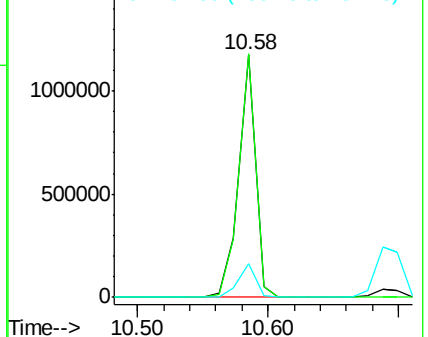
166 100

165 100.4 79.4 119.2

167 13.9 11.2 16.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.57 ng

RT: 10.36 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion:232 Resp: 288267

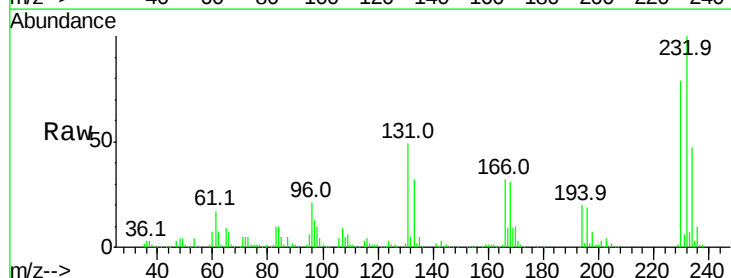
Ion Ratio Lower Upper

232 100

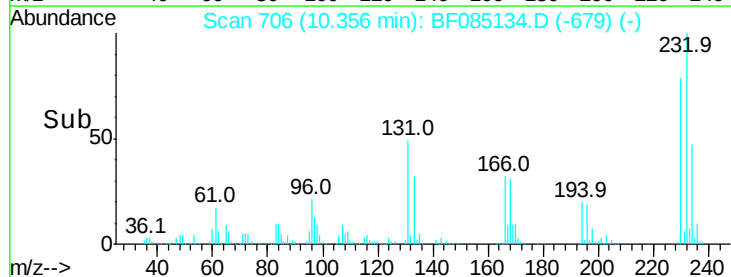
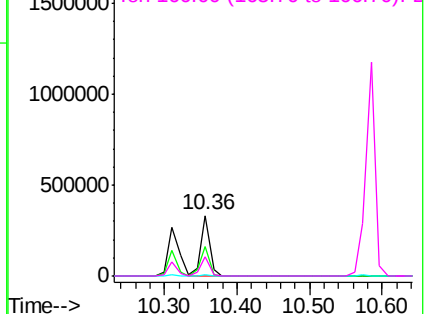
131 49.8 41.6 62.4

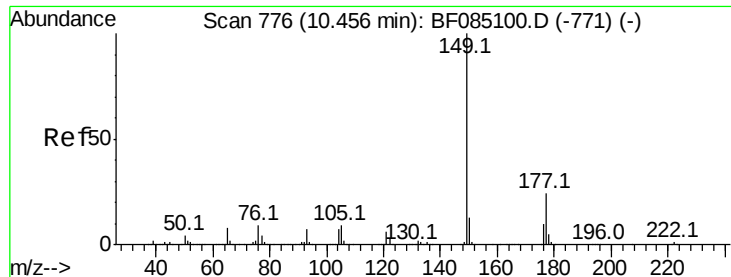
130 2.5 2.1 3.1

166 32.0 26.8 40.2



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

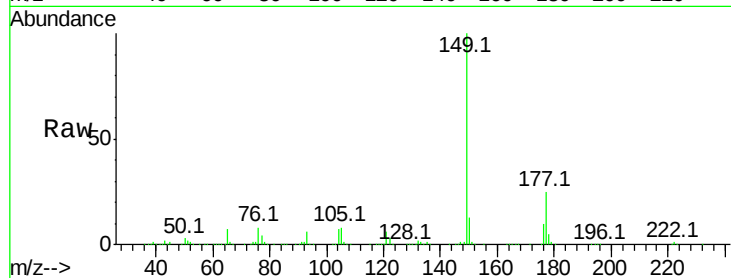




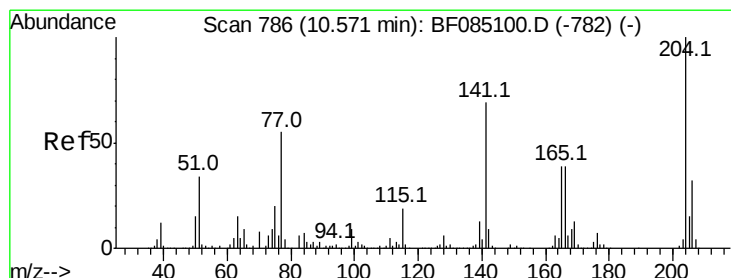
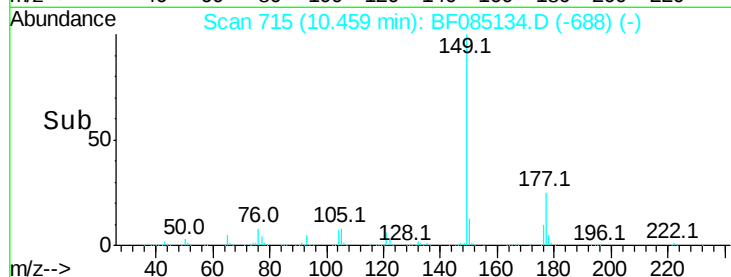
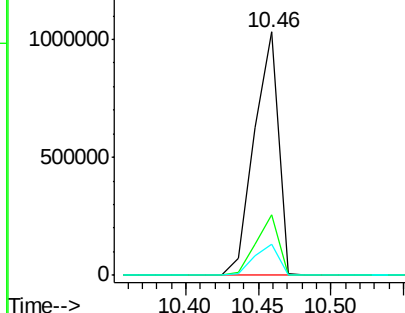
#59
Diethylphthalate
Concen: 55.03 ng
RT: 10.46 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1196820
Ion Ratio Lower Upper
149 100
177 24.8 19.4 29.2
150 12.6 10.1 15.1

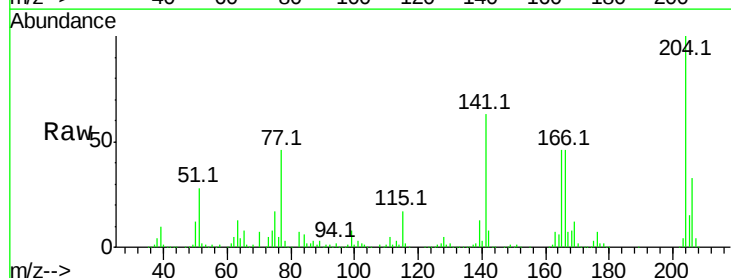


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

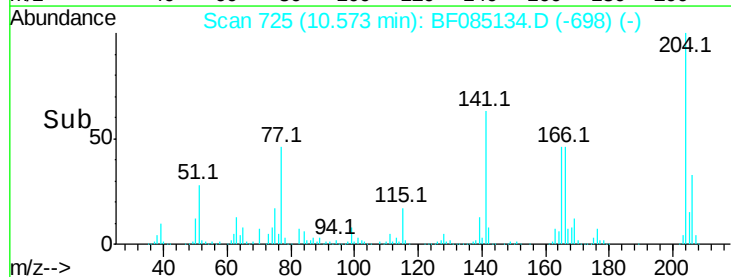
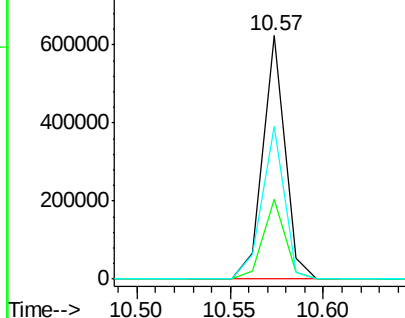


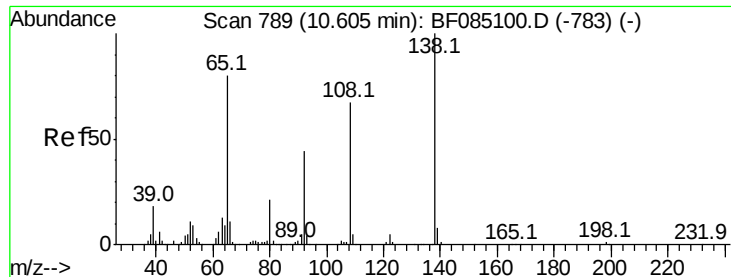
#60
4-Chlorophenyl-phenylether
Concen: 52.64 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:204 Resp: 512095
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 63.0 55.3 82.9



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

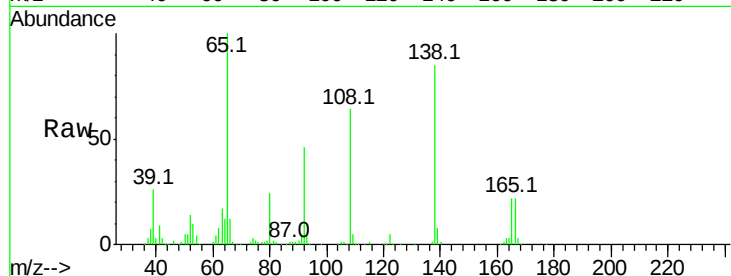




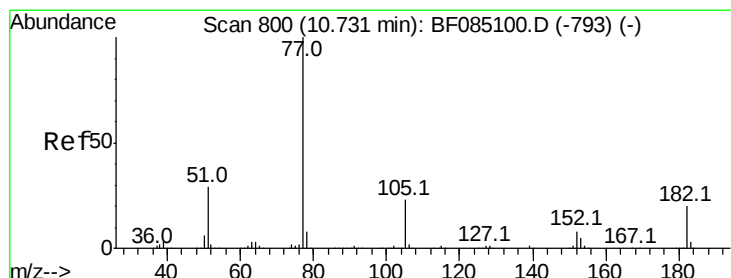
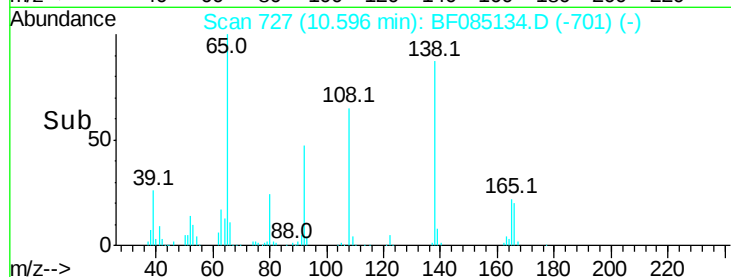
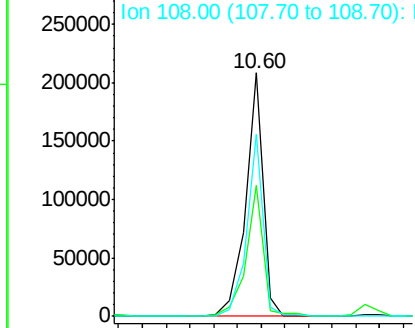
#61
4-Nitroaniline
Concen: 40.99 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 214775
Ion Ratio Lower Upper
138 100
92 53.9 23.5 63.5
108 75.0 46.8 86.8

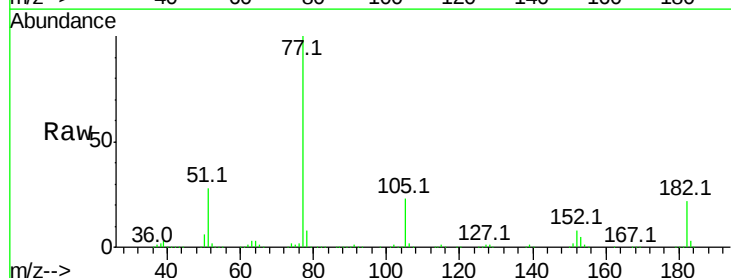


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

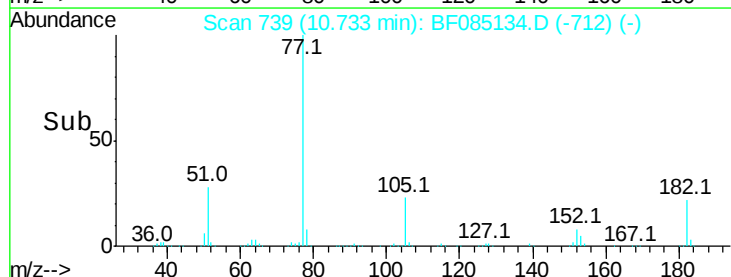
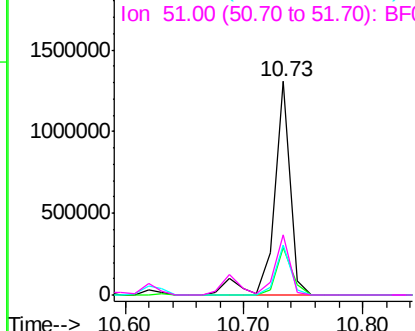


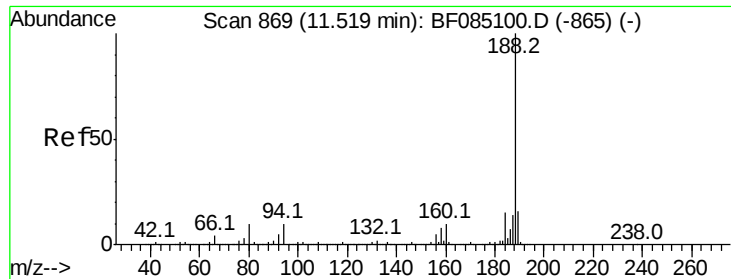
#62
Azobenzene
Concen: 56.74 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion: 77 Resp: 1246791
Ion Ratio Lower Upper
77 100
182 22.4 0.0 39.8
105 23.2 2.7 42.7
51 28.3 9.4 49.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

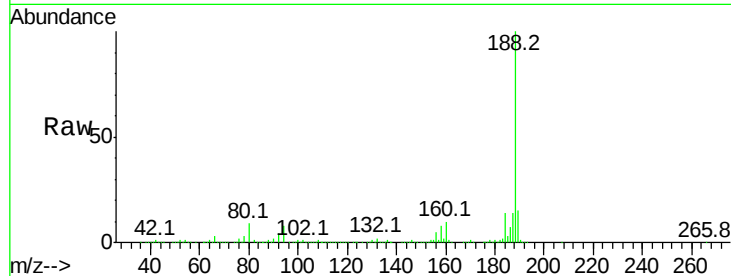
Tot Ion:188 Resp: 534917

Ion Ratio Lower Upper

188 100

94 8.1 7.8 11.6

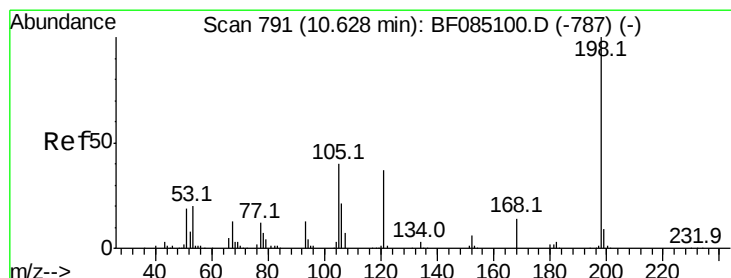
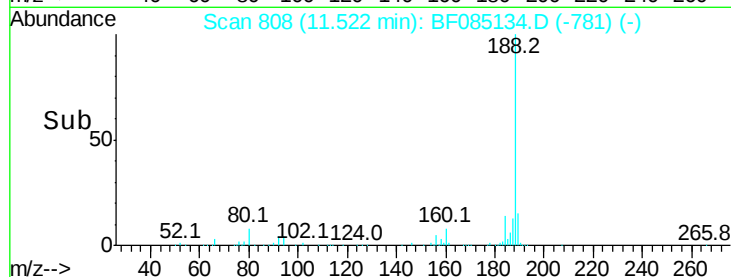
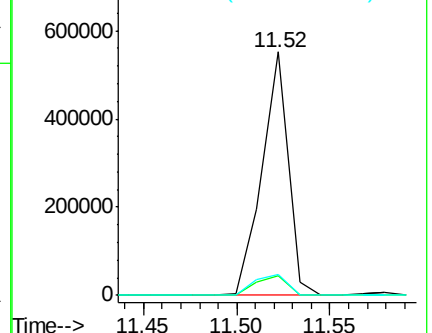
80 8.7 8.2 12.4



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: 48.99 ng

RT: 10.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

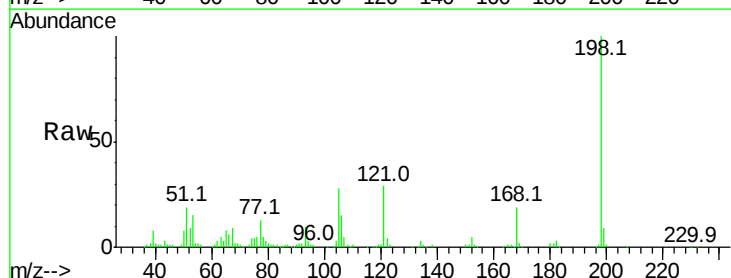
Tgt Ion:198 Resp: 158034

Ion Ratio Lower Upper

198 100

51 19.1 12.5 52.5

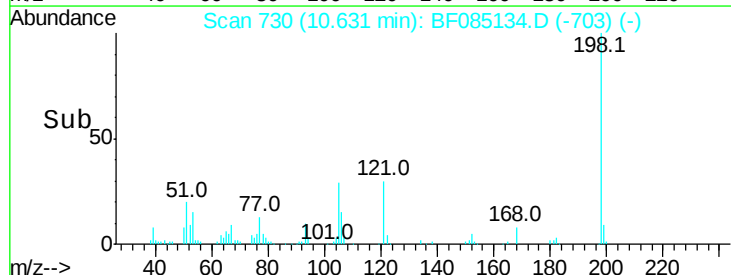
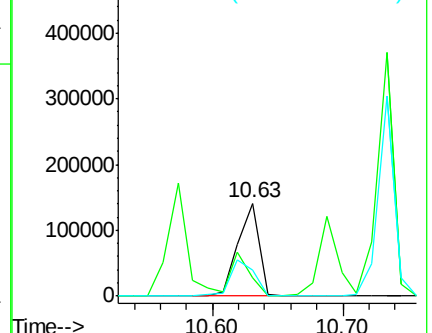
105 27.9 20.2 60.2

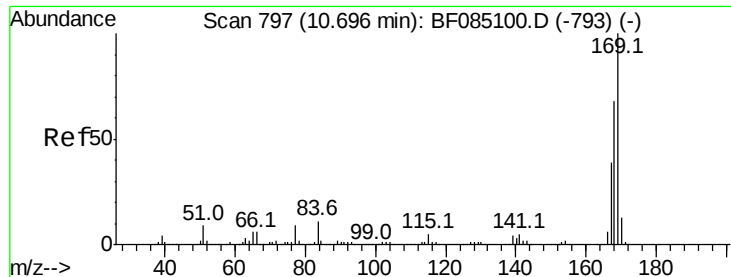


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 54.64 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

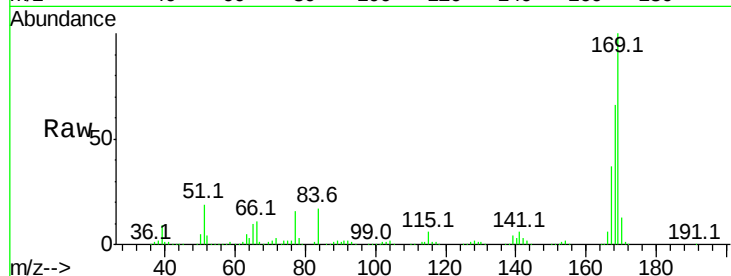
Tot Ion:169 Resp: 921199

Ion Ratio Lower Upper

169 100

168 66.5 54.6 81.8

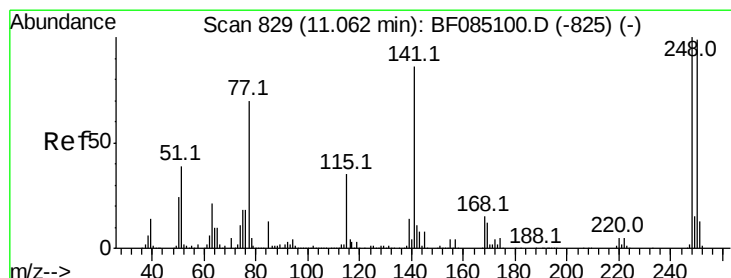
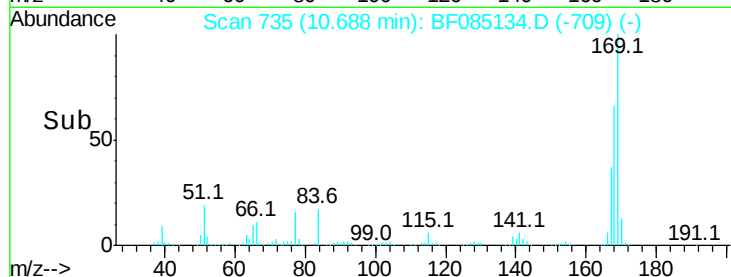
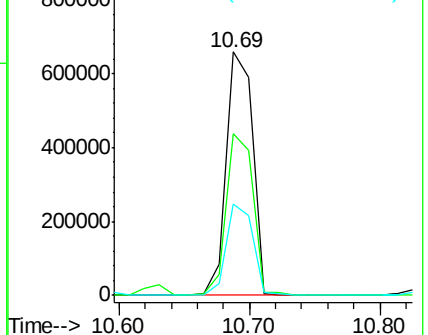
167 37.3 30.8 46.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 59.66 ng

RT: 11.06 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

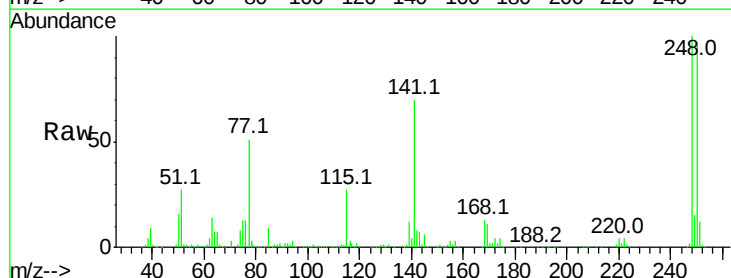
Tgt Ion:248 Resp: 335089

Ion Ratio Lower Upper

248 100

250 97.2 79.0 118.4

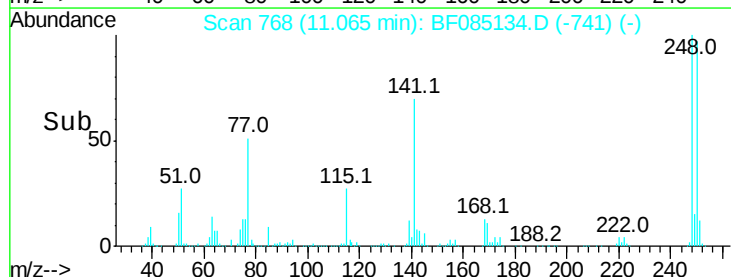
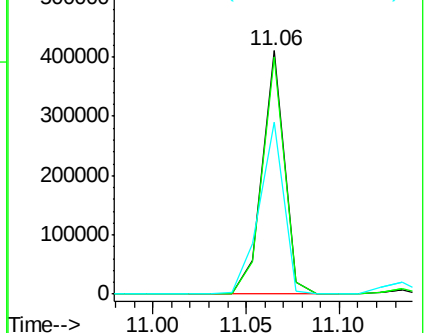
141 70.4 68.6 103.0

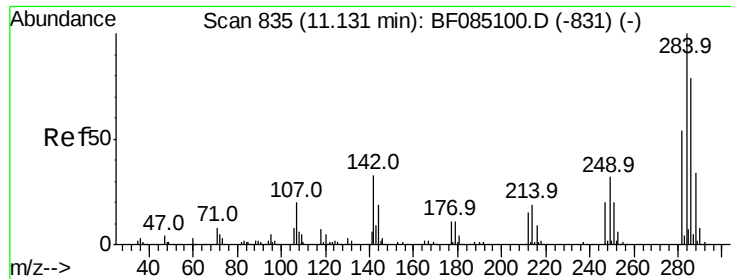


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

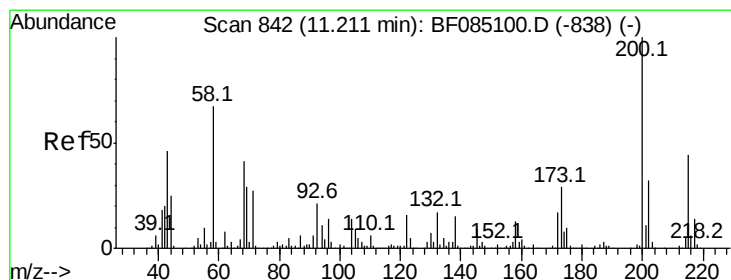
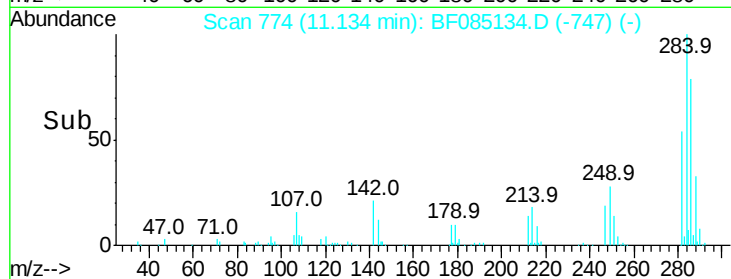
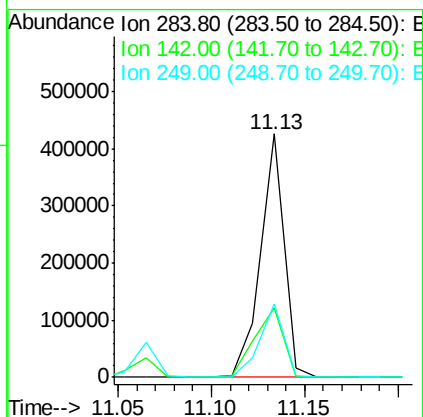
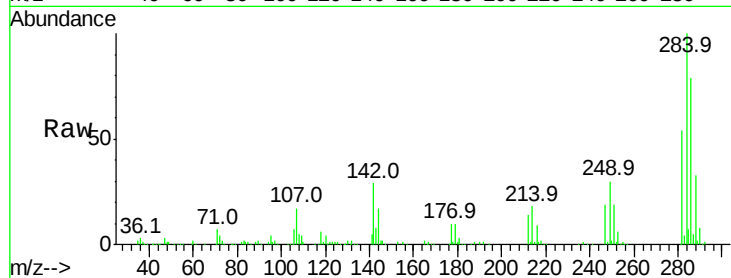




#67
Hexachlorobenzene
Concen: 58.56 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

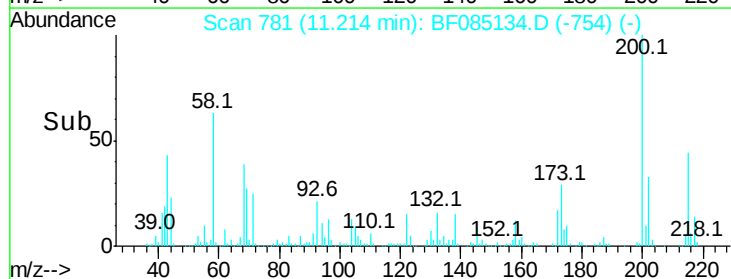
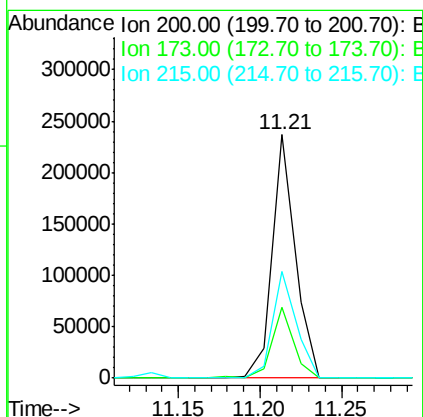
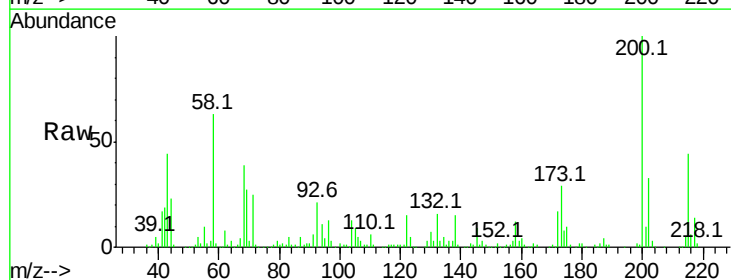
Instrument :
BNA_F
ClientSampled :

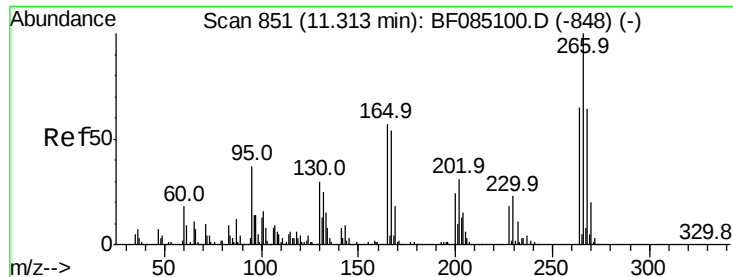
Tot Ion:284 Resp: 371278
Ion Ratio Lower Upper
284 100
142 28.6 26.3 39.5
249 30.3 25.8 38.6



#68
Atrazine
Concen: 45.41 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:200 Resp: 233539
Ion Ratio Lower Upper
200 100
173 28.9 9.4 49.4
215 43.7 23.6 63.6

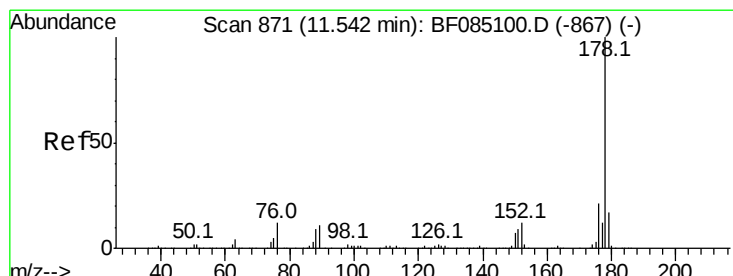
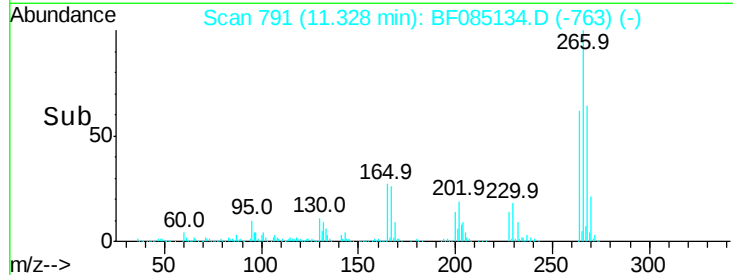
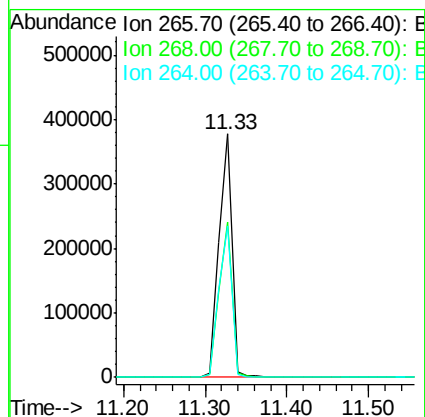
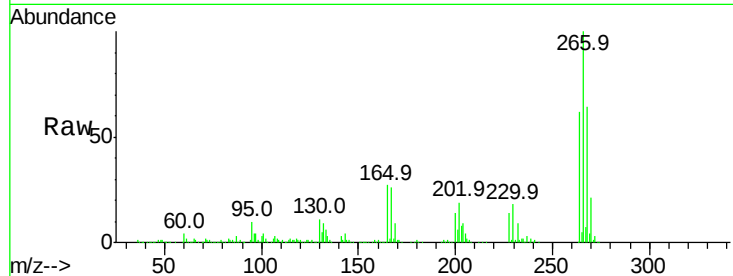




#69
 Pentachlorophenol
 Concen: 112.84 ng
 RT: 11.33 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

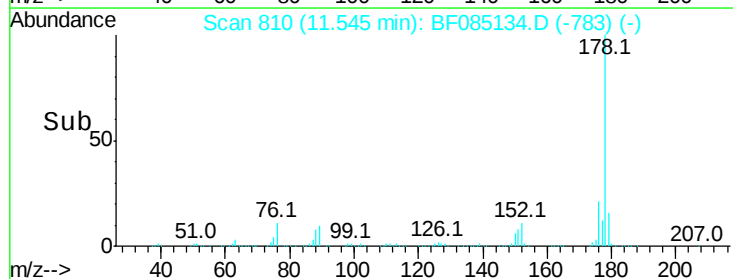
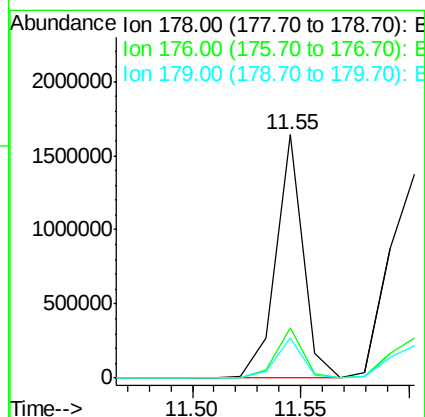
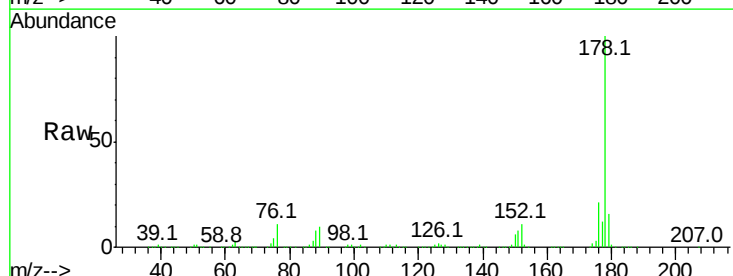
Instrument :
 BNA_F
 ClientSampled :

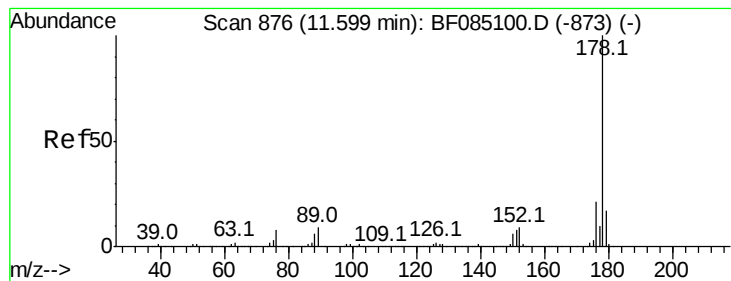
Tot Ion:266 Resp: 419867
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 62.4 52.3 78.5



#70
 Phenanthrene
 Concen: 53.92 ng
 RT: 11.55 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion:178 Resp: 1434818
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.6
 179 16.3 13.3 19.9





#71

Anthracene

Concen: 53.01 ng

RT: 11.60 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

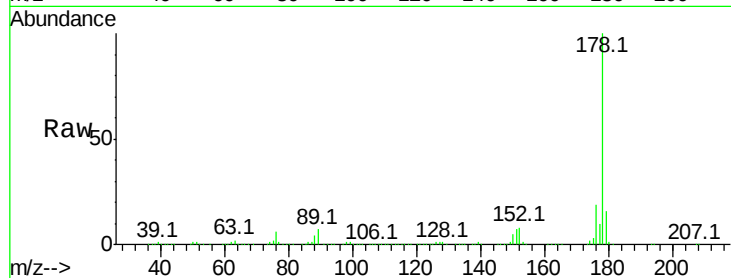
Tot Ion:178 Resp: 1583966

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

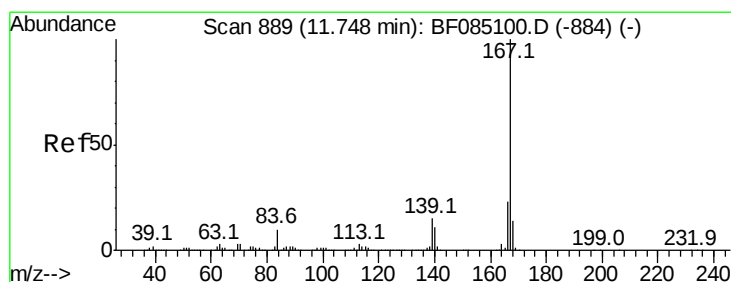
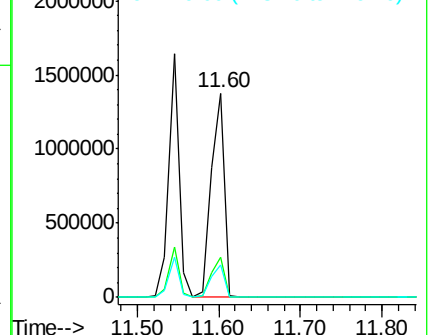
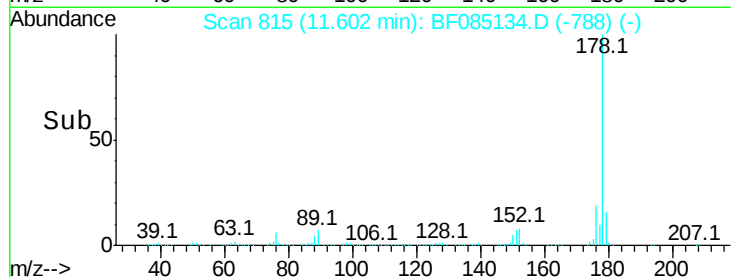
179 15.7 13.2 19.8



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: 52.70 ng

RT: 11.75 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

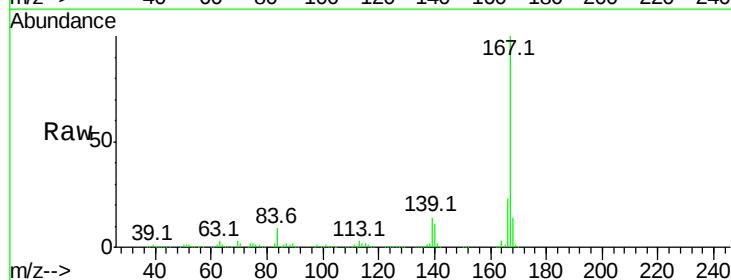
Tgt Ion:167 Resp: 1370544

Ion Ratio Lower Upper

167 100

166 22.5 18.6 28.0

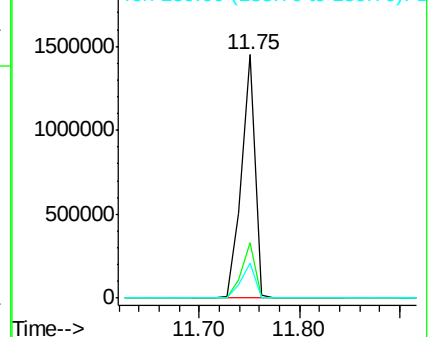
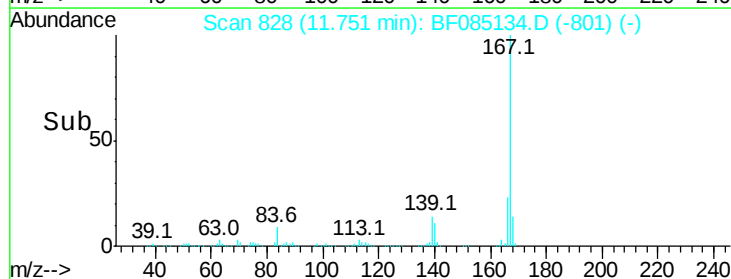
139 14.1 11.8 17.8

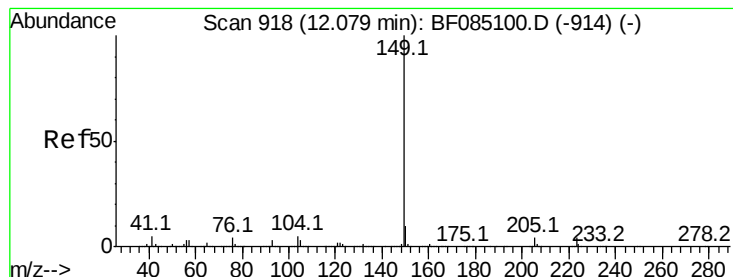


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.88 ng

RT: 12.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

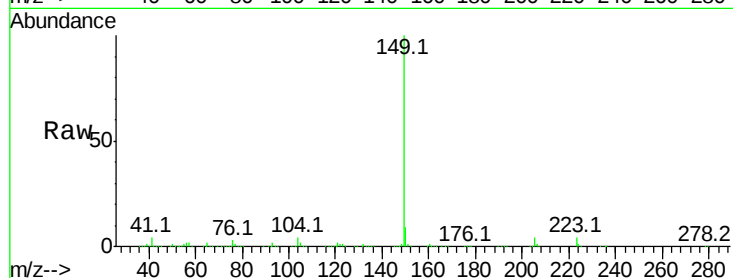
Tot Ion:149 Resp: 1667674

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

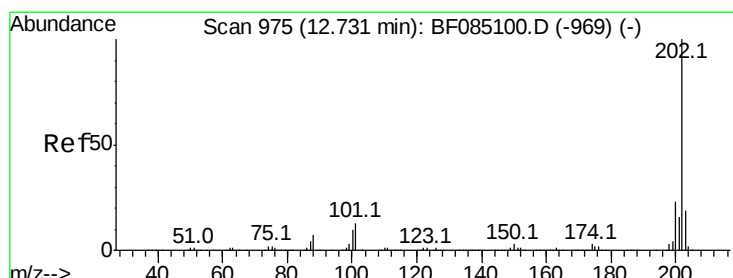
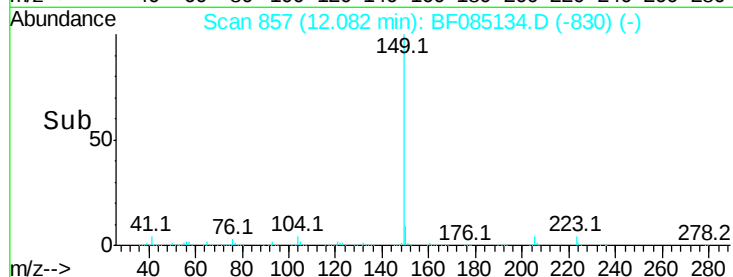
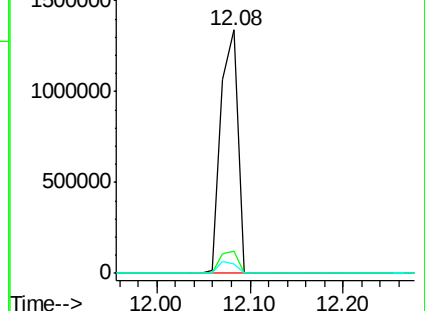
104 4.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.90 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

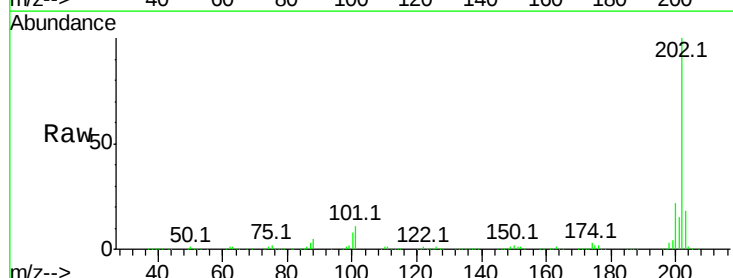
Tgt Ion:202 Resp: 1427851

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.2

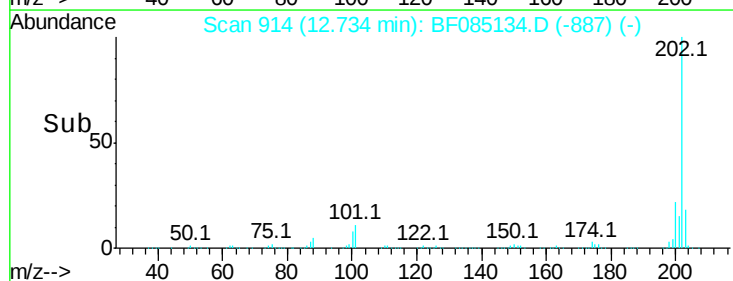
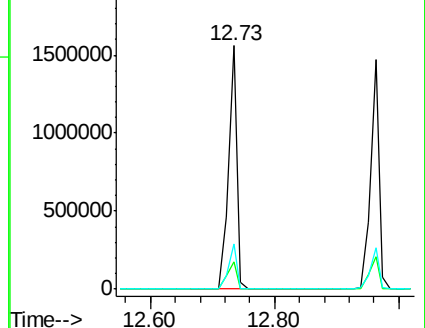
203 18.3 0.0 38.6

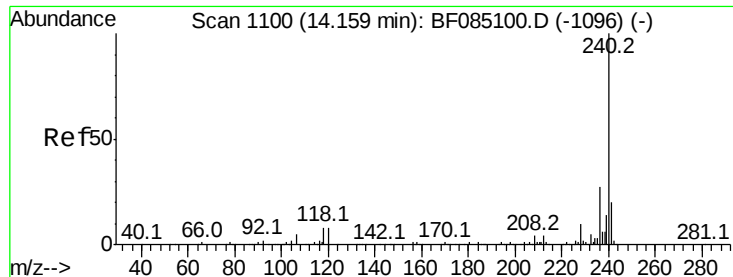


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

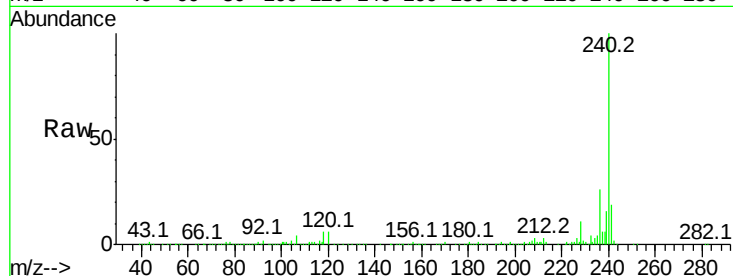
Tot Ion:240 Resp: 319218

Ion Ratio Lower Upper

240 100

120 6.0 6.7 10.1#

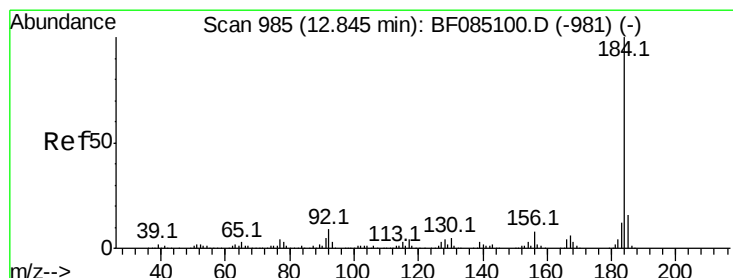
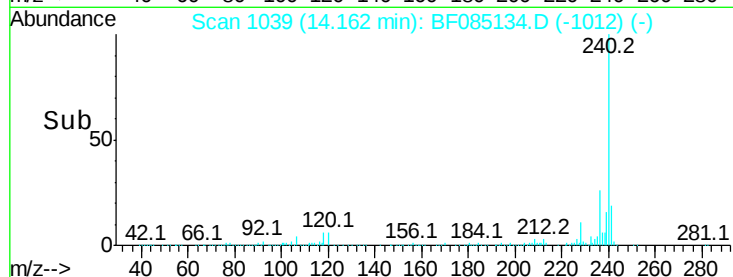
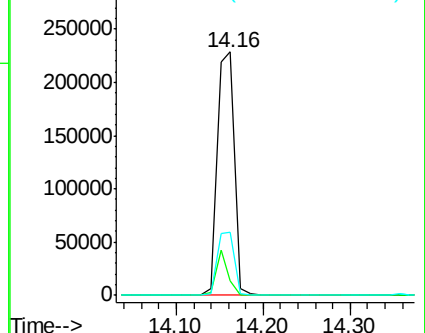
236 25.7 21.6 32.4



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: 8.15 ng

RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

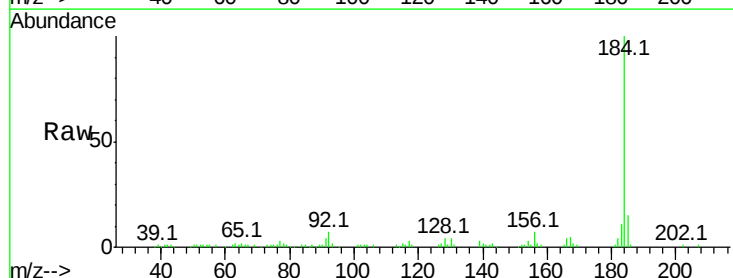
Tgt Ion:184 Resp: 78643

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

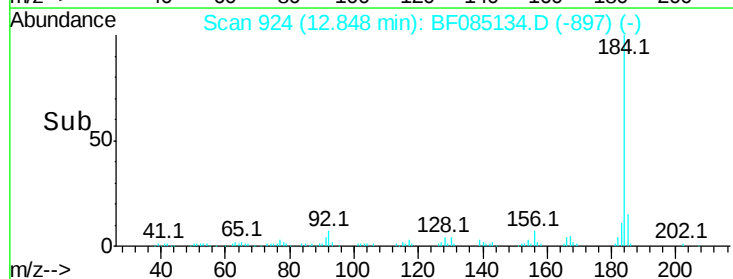
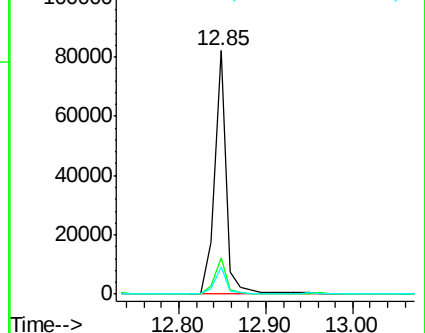
183 11.2 9.5 14.3

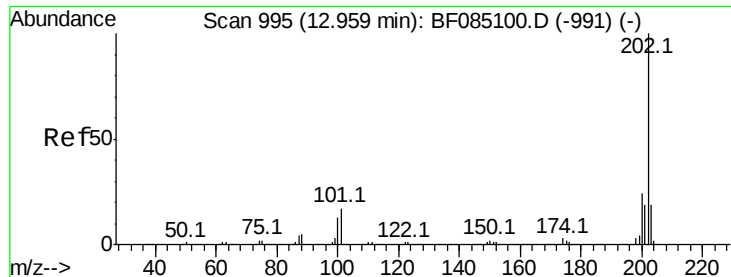


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 63.09 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

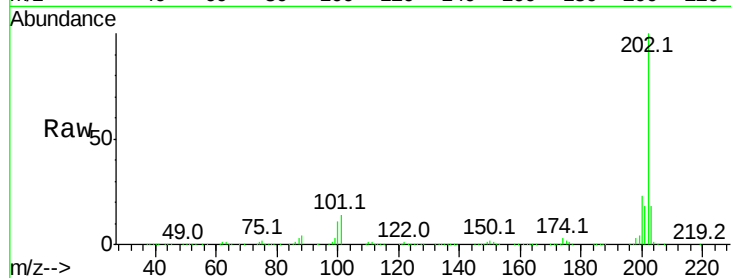
Tot Ion:202 Resp: 1374690

Ion Ratio Lower Upper

202 100

200 22.9 19.0 28.6

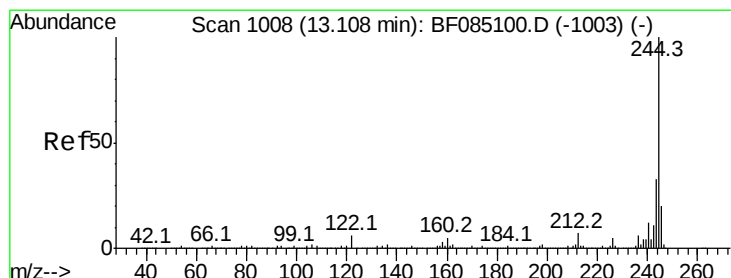
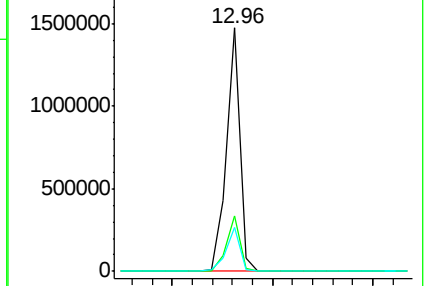
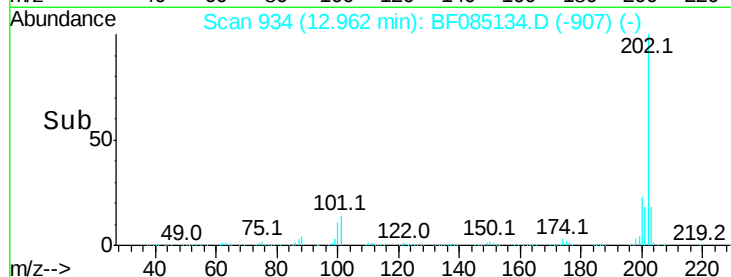
203 18.1 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 112.61 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

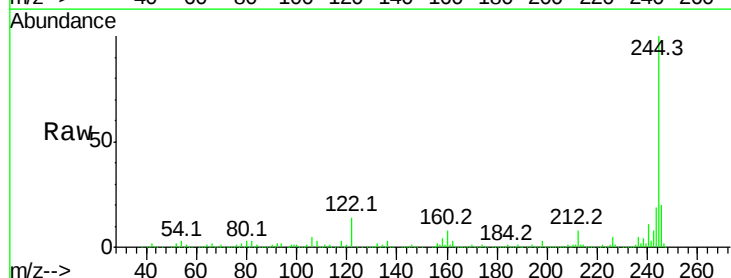
Tgt Ion:244 Resp: 1532358

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

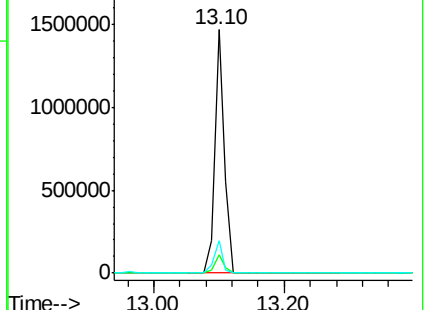
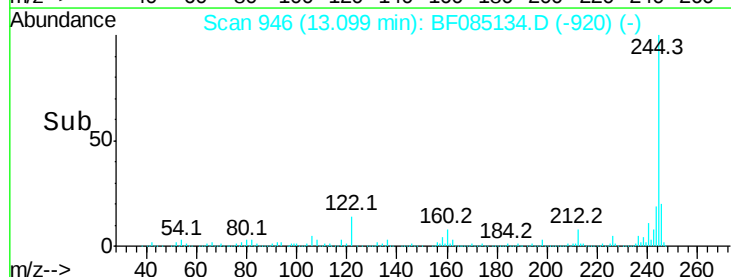
122 13.6 5.1 7.7#

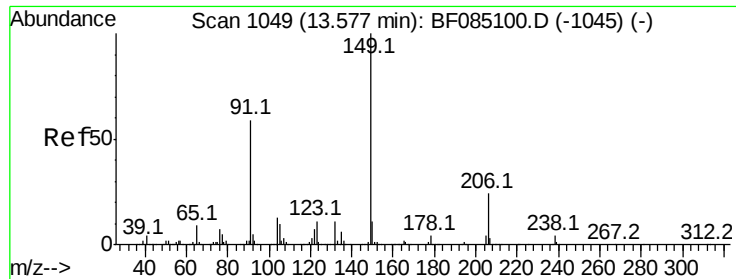


Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

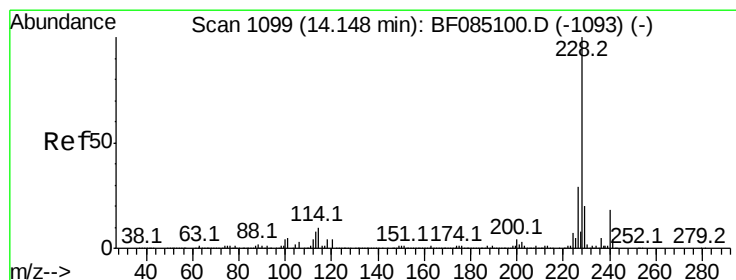
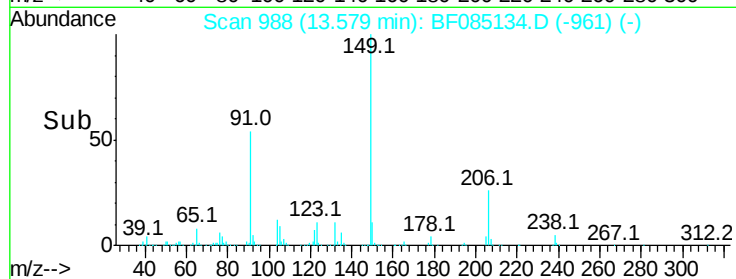
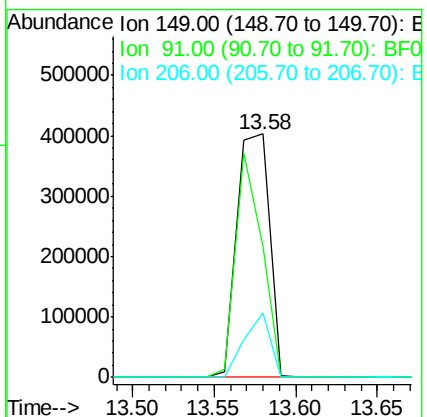
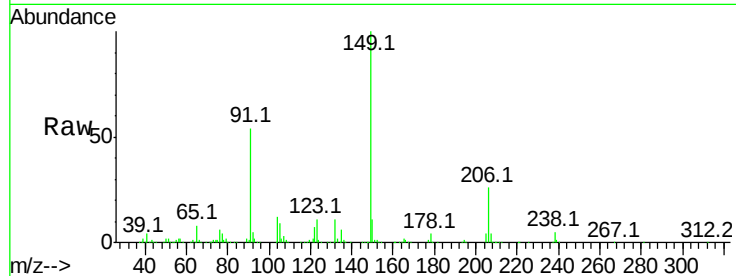




#79
Butylbenzylphthalate
Concen: 60.09 ng
RT: 13.58 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

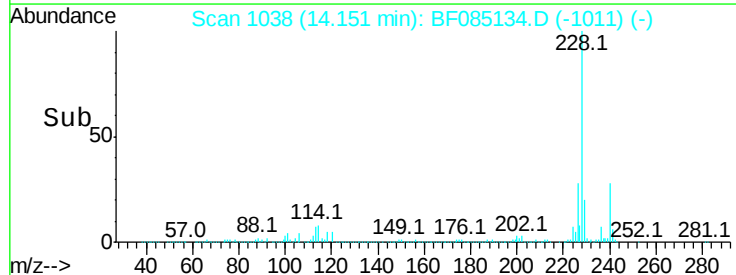
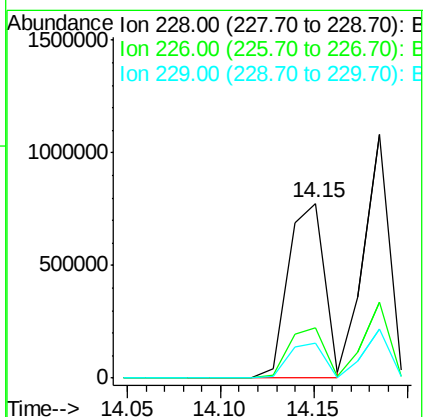
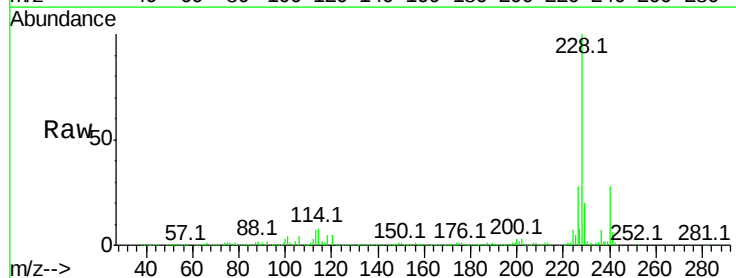
Instrument :
BNA_F
ClientSampled :

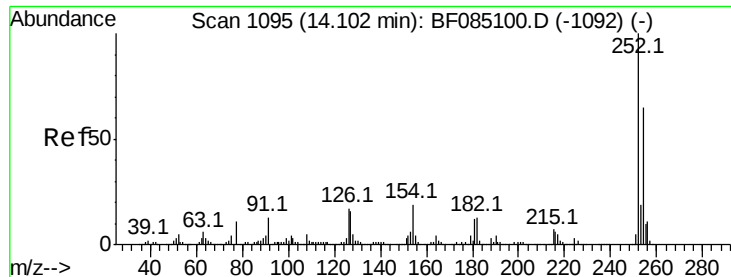
Tot Ion:149 Resp: 554481
Ion Ratio Lower Upper
149 100
91 53.9 46.9 70.3
206 26.4 19.0 28.6



#80
Benzo(a)anthracene
Concen: 56.75 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:228 Resp: 1051903
Ion Ratio Lower Upper
228 100
226 28.4 23.0 34.4
229 19.8 16.1 24.1

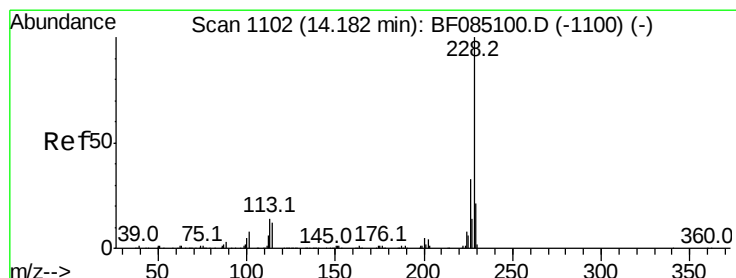
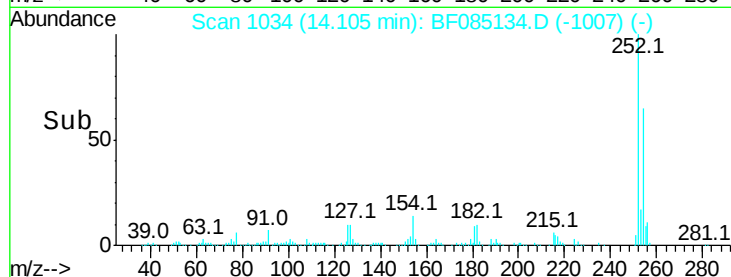
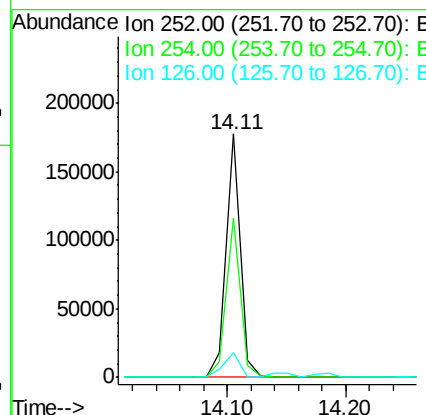
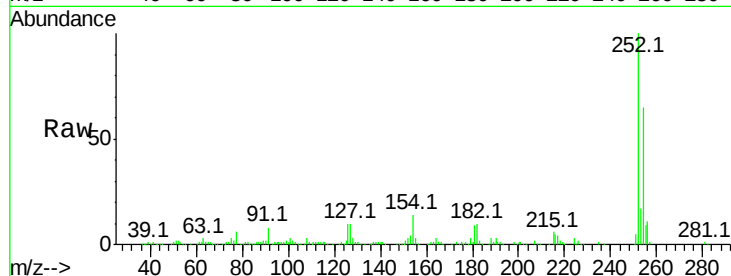




#81
 3,3'-Dichlorobenzidine
 Concen: 25.03 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

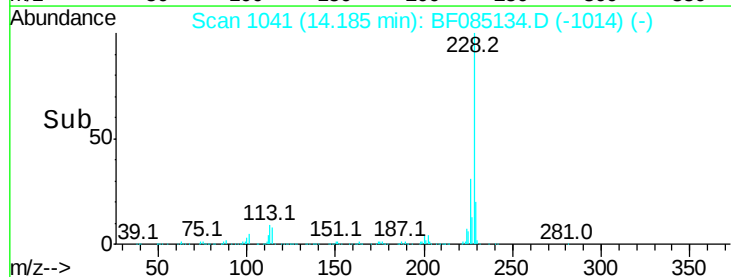
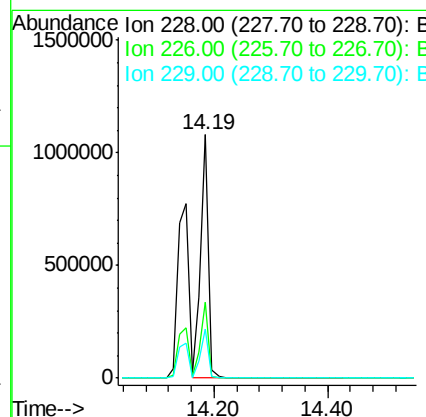
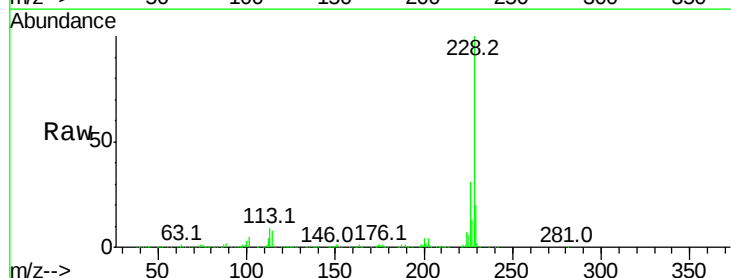
Instrument :
 BNA_F
 ClientSampleId :

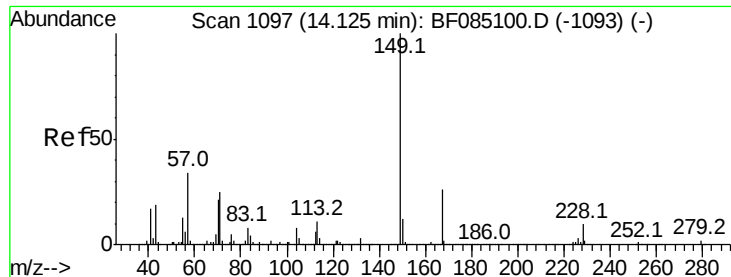
Tot Ion:252 Resp: 144968
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.8 77.6
 126 10.3 13.2 19.8#



#82
 Chrysene
 Concen: 60.87 ng
 RT: 14.19 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion:228 Resp: 1030255
 Ion Ratio Lower Upper
 228 100
 226 31.0 26.2 39.4
 229 19.9 16.5 24.7

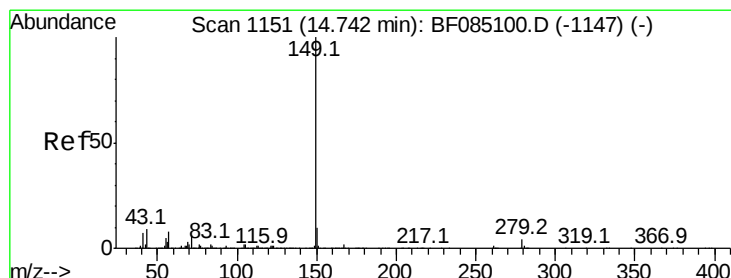
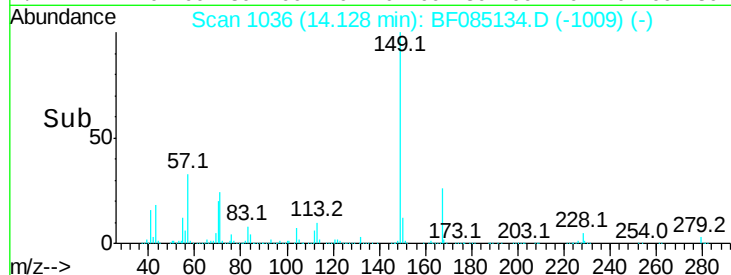
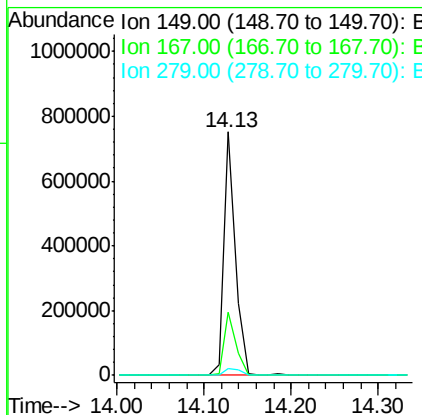
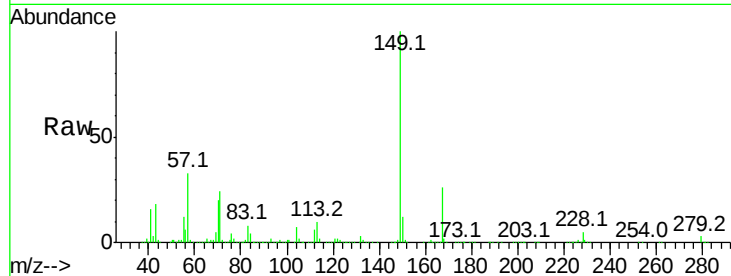




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.72 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

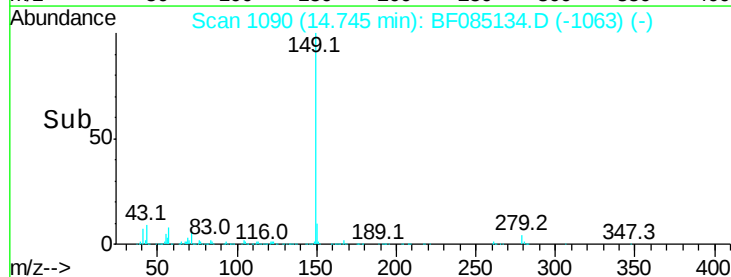
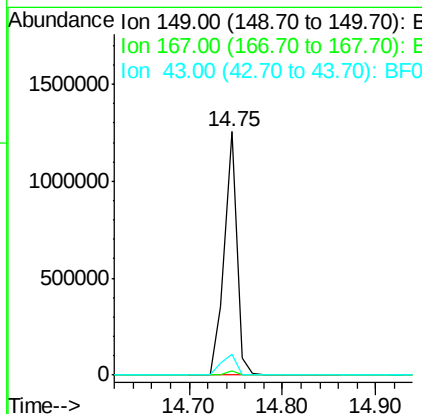
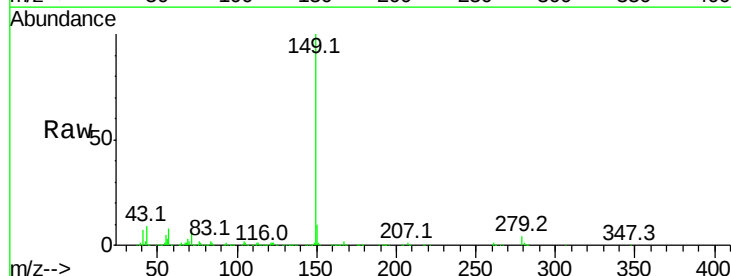
Instrument :
 BNA_F
 ClientSampleId :

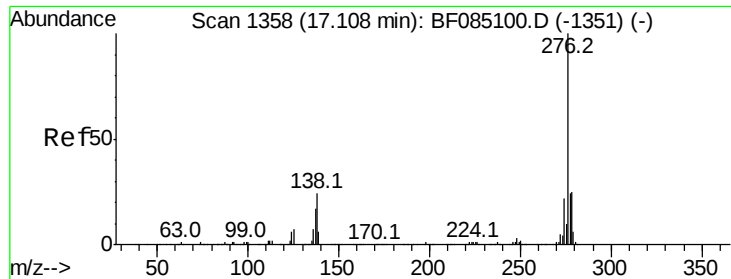
Tot Ion:149 Resp: 700224
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.6 31.0
 279 2.6 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 74.32 ng
 RT: 14.75 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion:149 Resp: 1175418
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 8.8 13.2



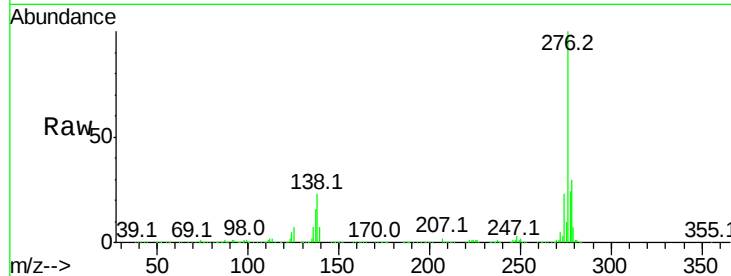


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 88.00 ng
 RT: 17.12 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

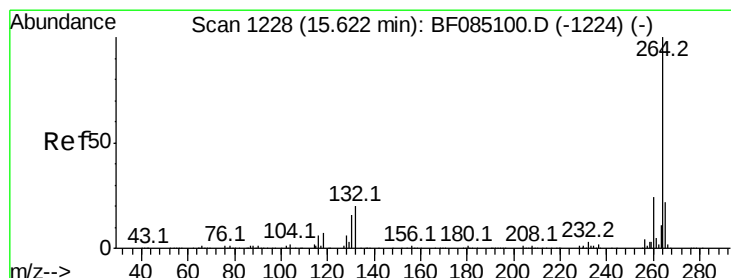
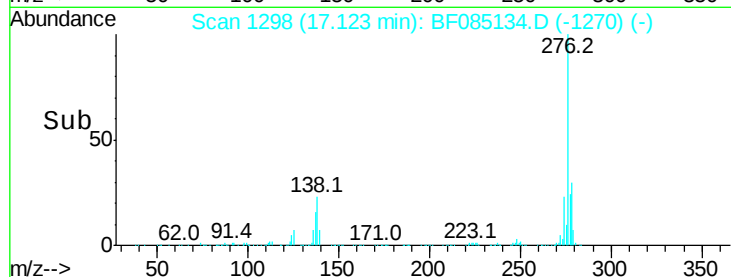
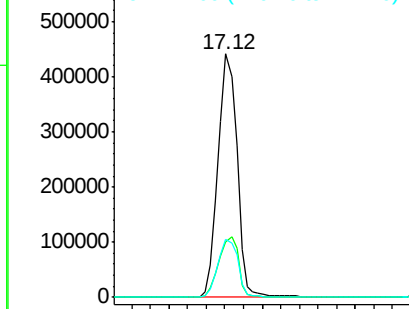
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1259347

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.4	32.2
277	25.2	20.1	30.1



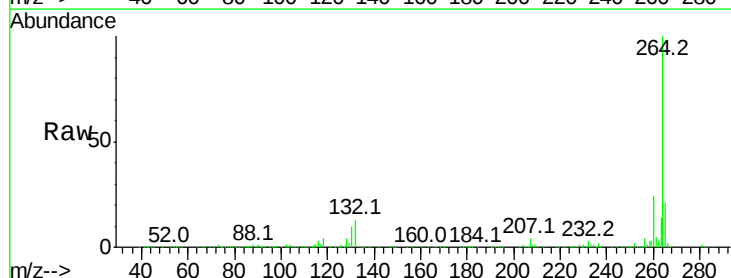
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



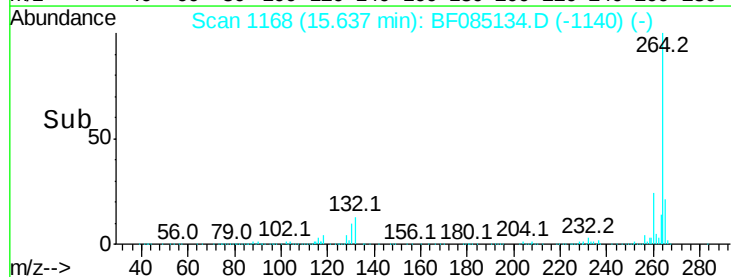
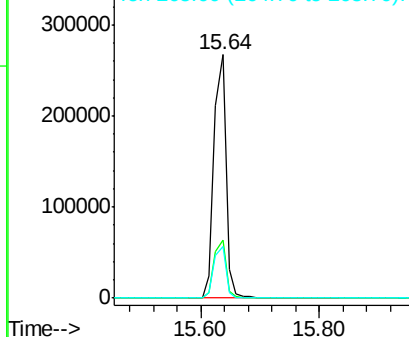
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

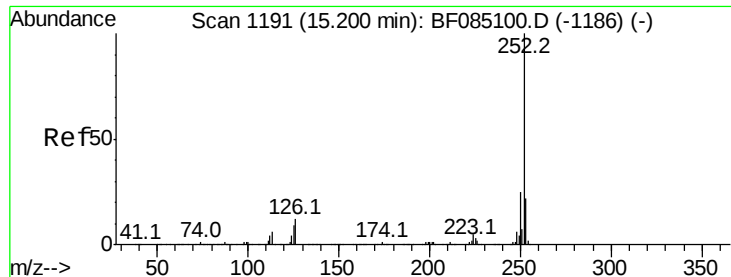
Tgt Ion:264 Resp: 376597

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.0	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.47 ng

RT: 15.20 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampled :

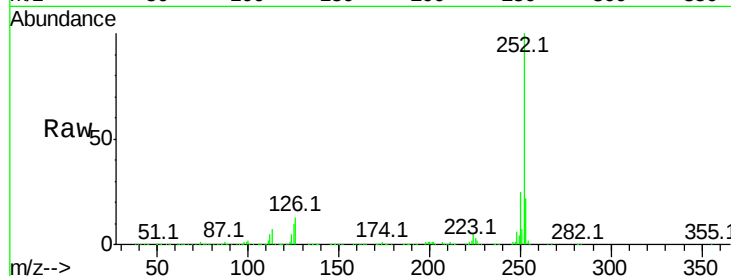
Tot Ion:252 Resp: 1065548

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

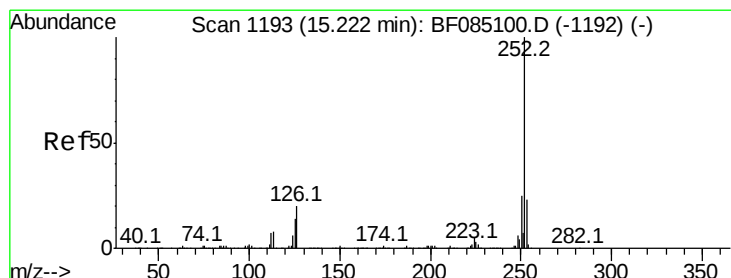
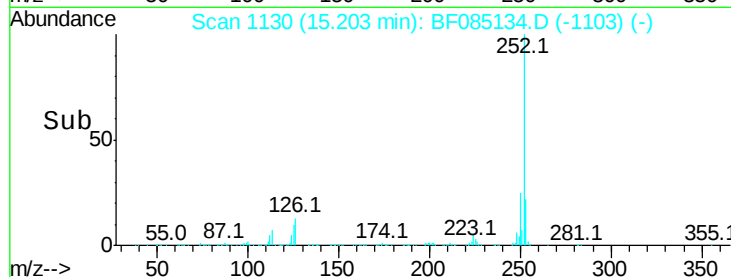
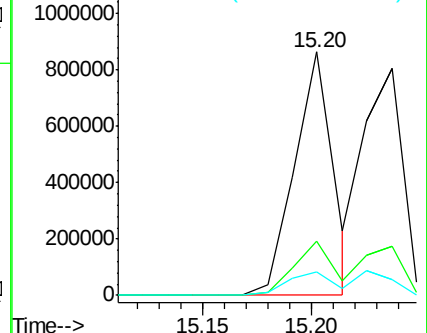
125 9.9 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.65 ng

RT: 15.20 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

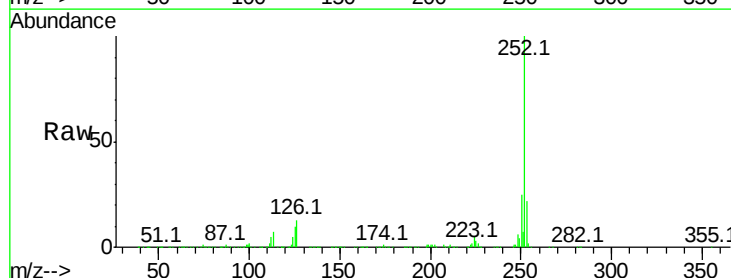
Tgt Ion:252 Resp: 1065548

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

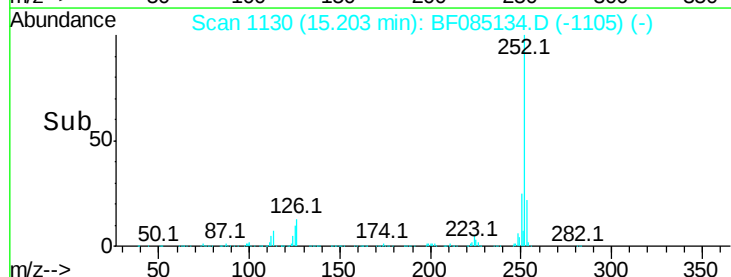
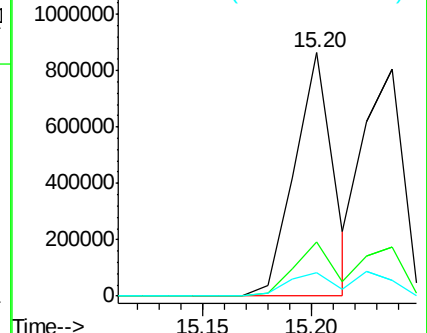
125 9.9 11.1 16.7#

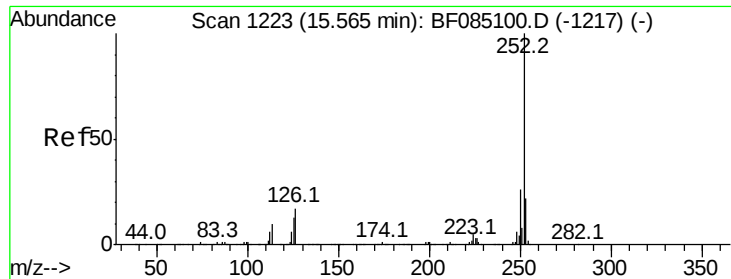


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

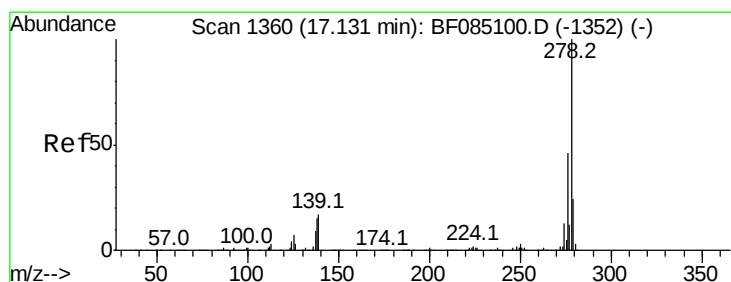
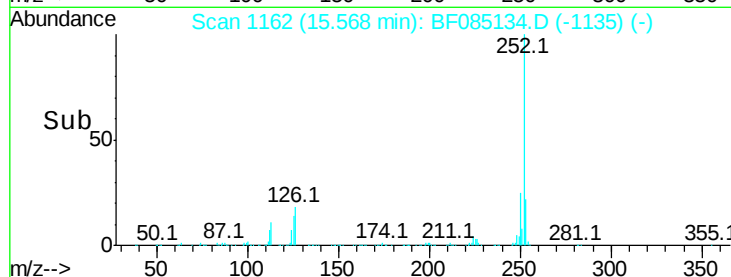
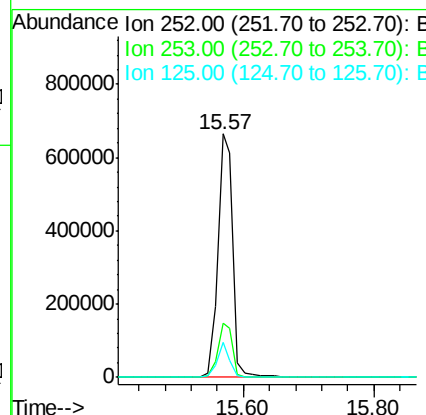
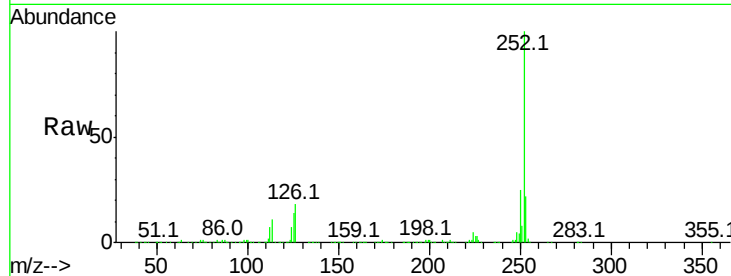




#89
Benzo(a)pyrene
Concen: 55.50 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

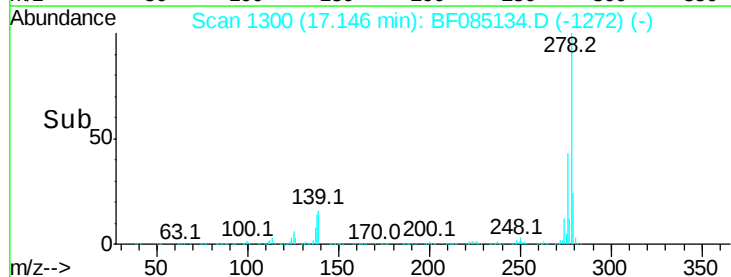
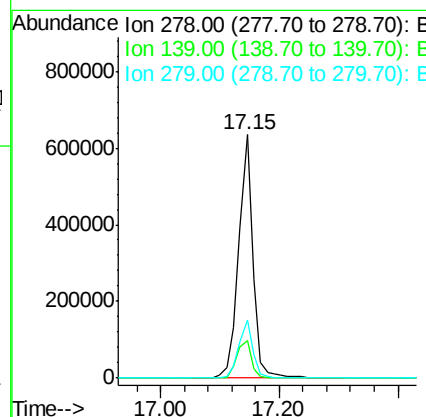
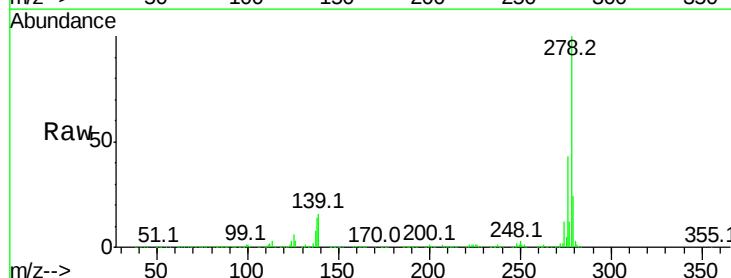
Instrument :
BNA_F
ClientSampleId :

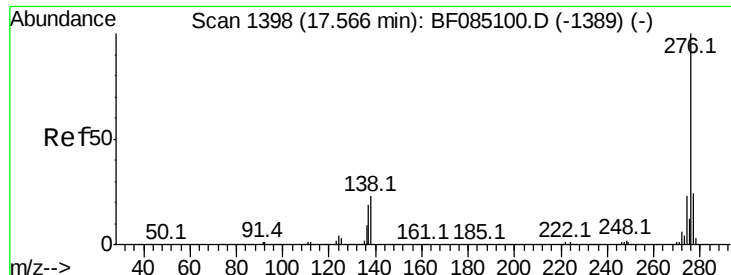
Tot Ion:252 Resp: 1070318
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 14.1 10.2 15.2



#90
Dibenzo(a,h)anthracene
Concen: 61.23 ng
RT: 17.15 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:278 Resp: 1063721
Ion Ratio Lower Upper
278 100
139 15.6 13.6 20.4
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 57.38 ng

RT: 17.58 min Scan# 1338

Delta R.T. 0.01 min

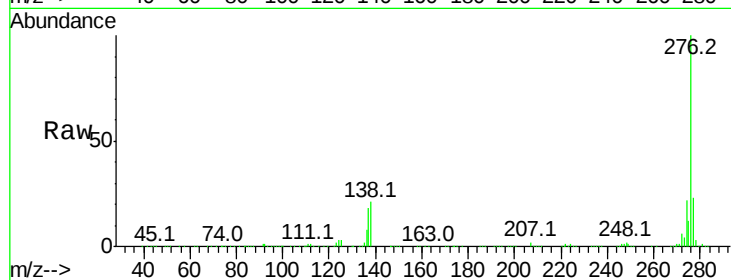
Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :



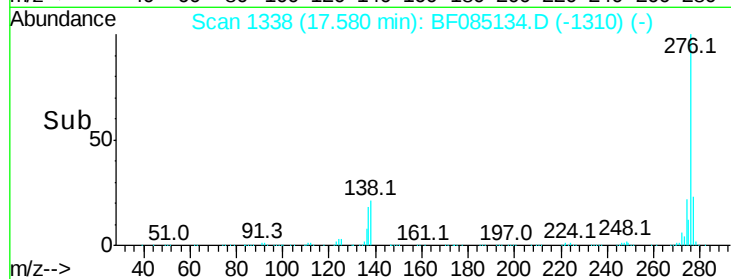
Tot Ion:276 Resp: 1013444

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 21.4 18.1 27.1



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

600000

500000

400000

300000

200000

100000

0

17.58

17.40 17.60 17.80

Time-->