

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085110.D
 Acq On : 2 Mar 2016 10:53
 Operator : SJ/IZ
 Sample : PB88620BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:35:38 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	6.99	152	192393	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	771222	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	384988	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	743079	20.00	ng	0.00
75) Chrysene-d12	14.16	240	611924	20.00	ng	0.00
86) Perylene-d12	15.62	264	470301	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1303174	109.96	ng	0.01
7) Phenol-d6	6.62	99	1849891	119.07	ng	0.00
23) Nitrobenzene-d5	7.55	82	1170053	80.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	510790	132.02	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1927331	73.73	ng	-0.01
78) Terphenyl-d14	13.10	244	1924214	73.77	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	177852	30.28	ng	99
3) Pyridine	3.53	79	584481	38.78	ng	97
4) n-Nitrosodimethylamine	3.48	42	258819	37.74	ng	95
6) Aniline	6.65	93	509394	23.11	ng	98
8) 2-Chlorophenol	6.78	128	562173	41.16	ng	94
9) Benzaldehyde	6.54	77	63210	5.53	ng	95
10) Phenol	6.63	94	811235	46.67	ng	92
11) bis(2-Chloroethyl)ether	6.72	93	493904	35.84	ng	91
12) 1,3-Dichlorobenzene	6.94	146	559378	38.13	ng	95
13) 1,4-Dichlorobenzene	7.00	146	542776	36.30	ng	98
14) 1,2-Dichlorobenzene	7.16	146	549259	41.72	ng	95
15) Benzyl Alcohol	7.13	79	525974	46.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	751782	37.02	ng	100
17) 2-Methylphenol	7.23	107	445190	38.90	ng	99
18) Hexachloroethane	7.51	117	215508	38.99	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	425751	41.58	ng	98
20) 3+4-Methylphenols	7.39	107	603303	44.11	ng	# 76
22) Acetophenone	7.39	105	758126	39.08	ng	# 91
24) Nitrobenzene	7.58	77	602360	40.06	ng	# 84
25) Isophorone	7.82	82	1098735	39.62	ng	# 93
26) 2-Nitrophenol	7.88	139	247717	36.84	ng	# 73
27) 2,4-Dimethylphenol	7.92	122	523995	40.21	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	708701	46.34	ng	99
29) 2,4-Dichlorophenol	8.12	162	446071	41.60	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	474353	40.58	ng	98
31) Naphthalene	8.30	128	1492793	38.27	ng	99
32) Benzoic acid	8.02	122	219392	33.94	ng	98
33) 4-Chloroaniline	8.34	127	249903	16.21	ng	# 92
34) Hexachlorobutadiene	8.42	225	268925	39.66	ng	99
35) Caprolactam	8.71	113	102882	30.57	ng	91
36) 4-Chloro-3-methylphenol	8.82	107	531529	44.83	ng	93
37) 2-Methylnaphthalene	8.99	142	1077006	45.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	416662	35.14	ng	98
40) Hexachlorocyclopentadiene	9.14	237	528466	78.29	ng	99

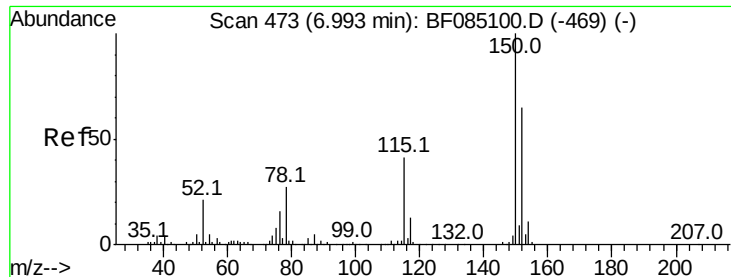
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085110.D
 Acq On : 2 Mar 2016 10:53
 Operator : SJ/IZ
 Sample : PB88620BS
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Instrument :
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Quant Time: Mar 03 01:35:38 2016
 Quant Method : 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)
42) 2,4,6-Trichlorophenol	9.27	196	325376	40.76	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	324088	42.37	nq	99
45) 1,1'-Biphenyl	9.45	154	1196428	35.01	nq	96
46) 2-Chloronaphthalene	9.47	162	929195	37.28	nq	95
47) 2-Nitroaniline	9.56	65	287663	36.76	nq	# 72
48) Acenaphthylene	9.90	152	1551488	41.88	nq	99
49) Dimethylphthalate	9.75	163	1077455	37.75	nq	99
50) 2,6-Dinitrotoluene	9.82	165	254525	43.00	nq	# 64
51) Acenaphthene	10.07	154	1044617	44.92	nq	98
52) 3-Nitroaniline	9.98	138	155663	22.14	nq	91
53) 2,4-Dinitrophenol	10.08	184	184409	68.97	nq	# 8
54) Dibenzofuran	10.24	168	1374767	45.54	nq	97
55) 4-Nitrophenol	10.14	139	506166	93.81	nq	# 78
56) 2,4-Dinitrotoluene	10.22	165	375067	47.02	nq	88
57) Fluorene	10.58	166	1056091	44.48	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	304557	52.56	nq	95
59) Diethylphthalate	10.46	149	1148777	41.99	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	499640	40.83	nq	96
61) 4-Nitroaniline	10.59	138	263656	40.00	nq	85
62) Azobenzene	10.73	77	1306196	47.26	nq	98
64) 4,6-Dinitro-2-methylphenol	10.62	198	155166	36.74	nq	# 48
65) n-Nitrosodiphenylamine	10.68	169	911073	38.90	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	336372	43.11	nq	92
67) Hexachlorobenzene	11.13	284	378369	42.96	nq	# 89
68) Atrazine	11.21	200	283920	39.74	nq	99
69) Pentachlorophenol	11.31	266	410576	79.44	nq	98
70) Phenanthrene	11.54	178	1570749	42.50	nq	99
71) Anthracene	11.60	178	1647855	39.70	nq	97
72) Carbazole	11.75	167	1574203	43.58	nq	98
73) Di-n-butylphthalate	12.08	149	1752134	40.75	nq	99
74) Fluoranthene	12.73	202	1770535	43.65	nq	97
76) Benzidine	12.84	184	504583	27.27	nq	99
77) Pyrene	12.96	202	1766440	42.29	nq	99
79) Butylbenzylphthalate	13.58	149	718082	40.59	nq	98
80) Benzo(a)anthracene	14.15	228	1460528	41.11	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	227872	20.52	nq	# 96
82) Chrysene	14.18	228	1383704	42.65	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	908765	44.50	nq	100
84) Di-n-octyl phthalate	14.74	149	1442154	47.57	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1010714	36.84	nq	100
87) Benzo(b)fluoranthene	15.20	252	1240407	43.32	nq	100
88) Benzo(k)fluoranthene	15.20	252	1240407	50.01	nq	# 95
89) Benzo(a)pyrene	15.57	252	1038145	43.10	nq	99
90) Dibenzo(a,h)anthracene	17.13	278	857425	39.52	nq	98
91) Benzo(g,h,i)perylene	17.55	276	852247	38.64	nq	99

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

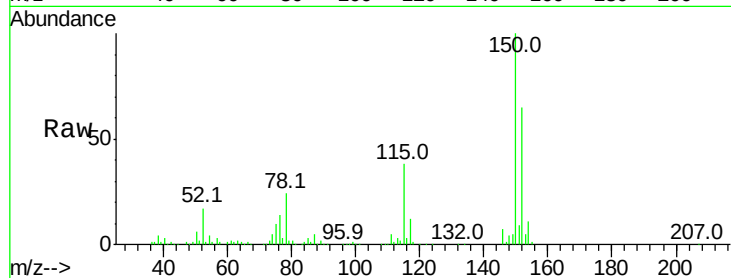


#1

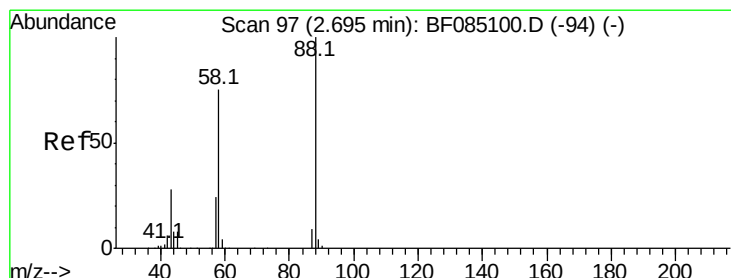
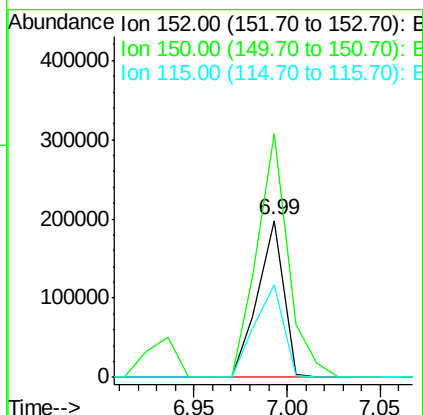
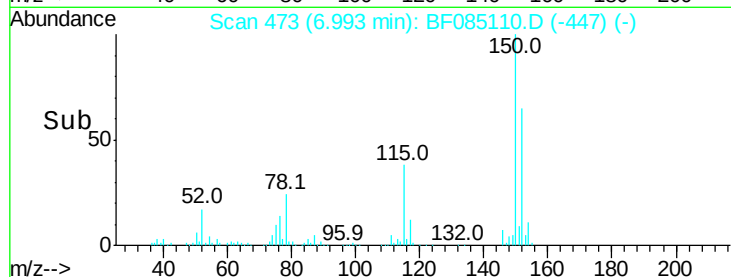
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192393
Ion Ratio Lower Upper
152 100
150 154.9 123.4 185.0
115 58.7 50.0 75.0



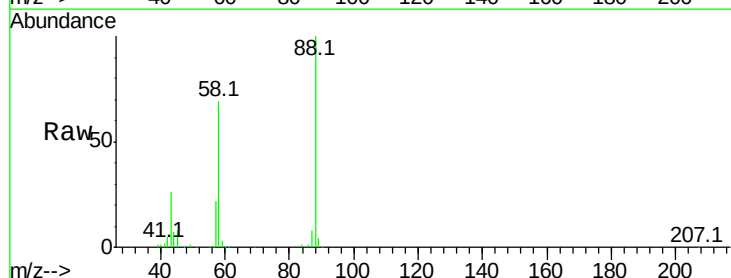
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



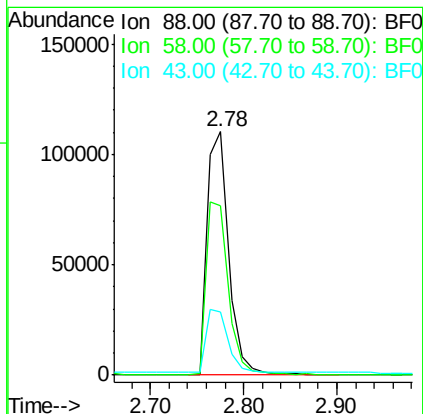
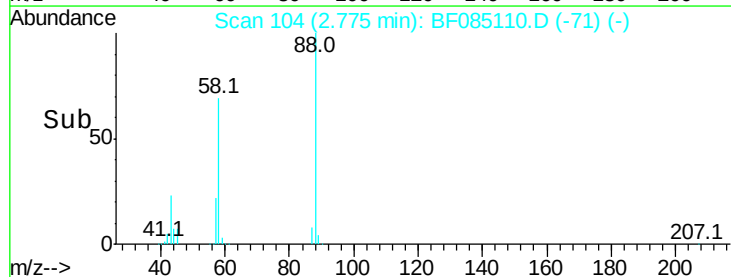
#2

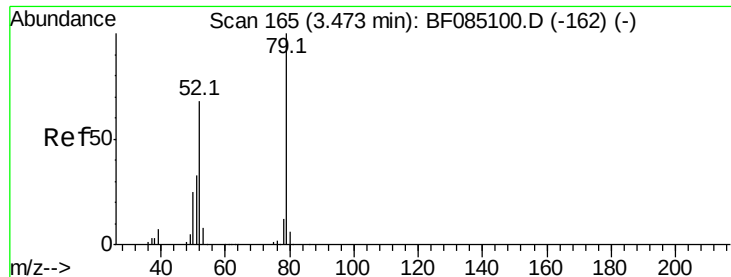
1,4-Dioxane
Concen: 30.28 ng
RT: 2.78 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion: 88 Resp: 177852
Ion Ratio Lower Upper
88 100
58 72.3 58.4 87.6
43 26.8 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: 38.78 ng

RT: 3.53 min Scan# 170

Delta R.T. 0.06 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

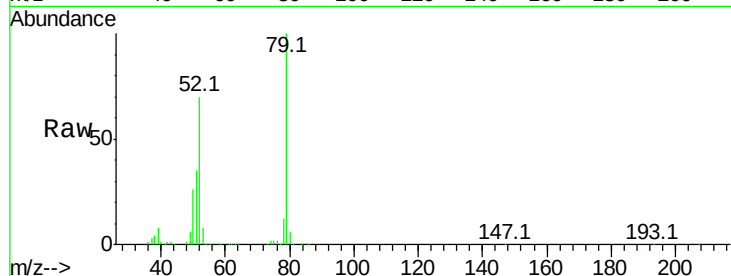
Tot Ion: 79 Resp: 584481

Ion Ratio Lower Upper

79 100

52 70.5 54.1 81.1

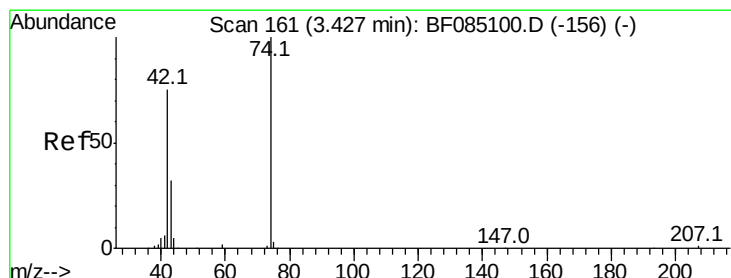
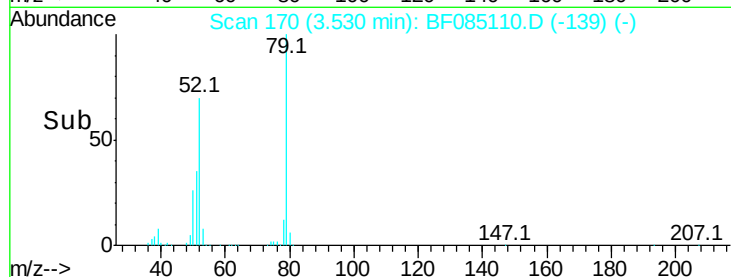
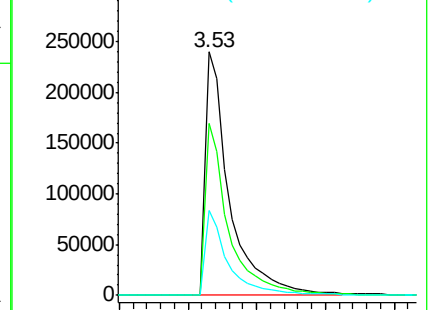
51 34.9 26.6 40.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.74 ng

RT: 3.48 min Scan# 166

Delta R.T. 0.06 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

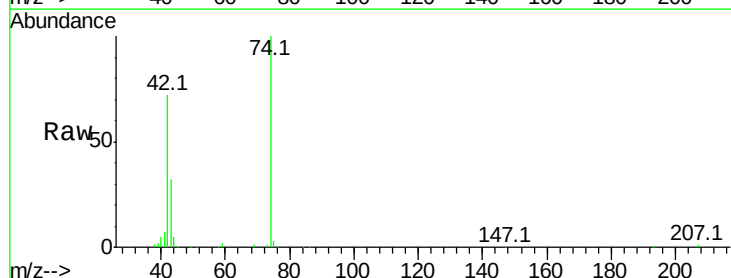
Tgt Ion: 42 Resp: 258819

Ion Ratio Lower Upper

42 100

74 139.7 106.6 160.0

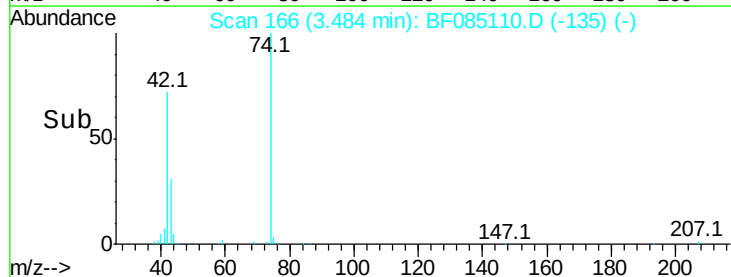
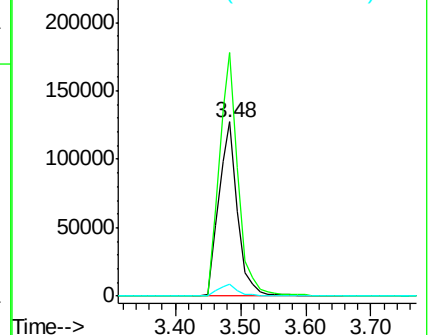
44 7.1 5.4 8.2

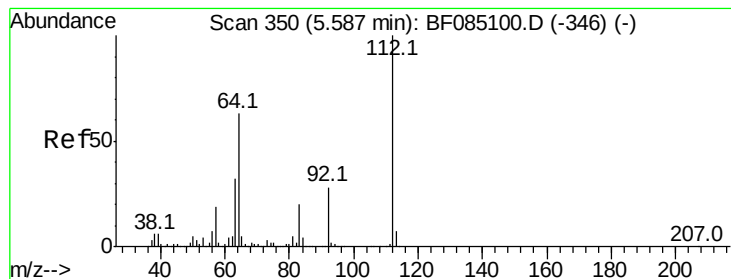


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 109.96 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampled :

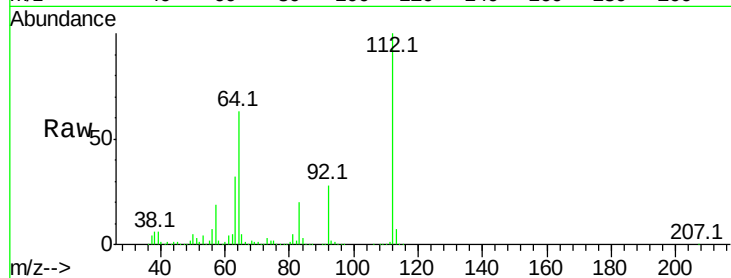
Tot Ion:112 Resp: 1303174

Ion Ratio Lower Upper

112 100

64 63.4 50.6 76.0

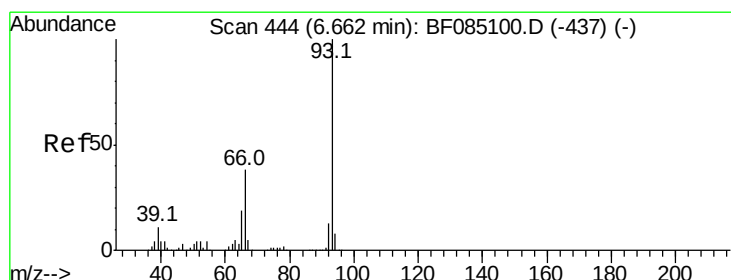
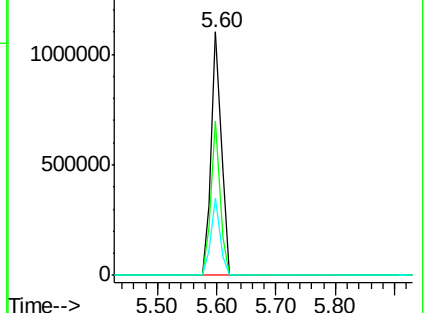
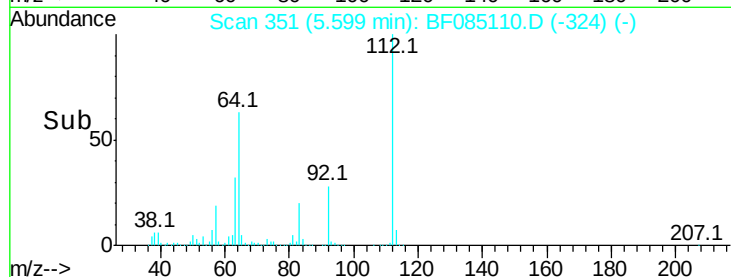
63 31.8 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.11 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

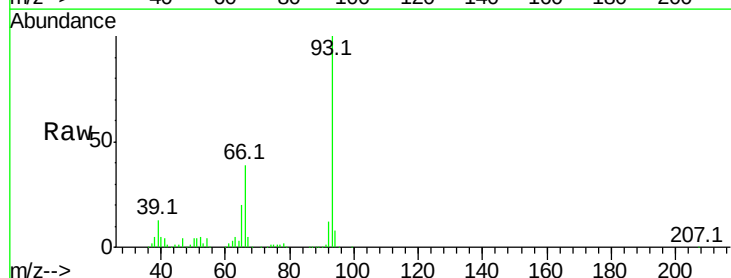
Tgt Ion: 93 Resp: 509394

Ion Ratio Lower Upper

93 100

66 39.2 30.1 45.1

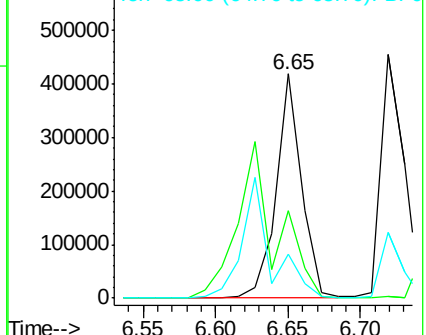
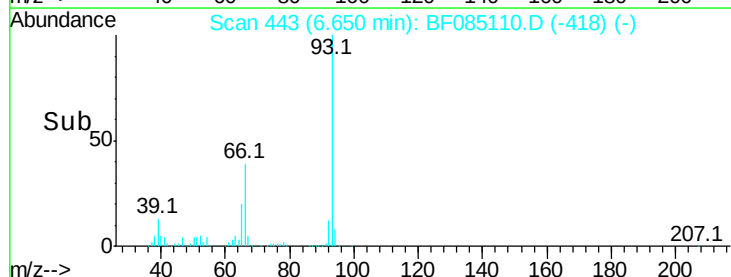
65 19.7 15.0 22.6

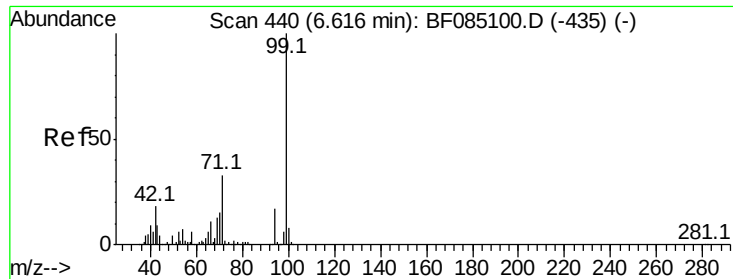


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.07 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

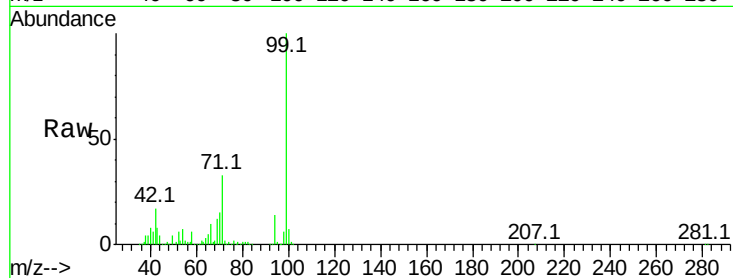
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1849891

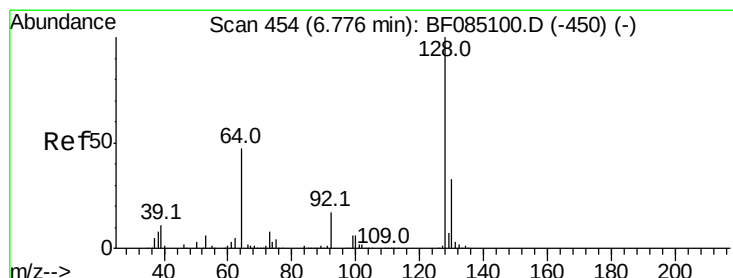
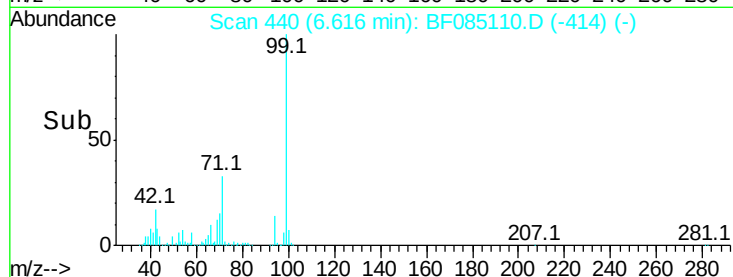
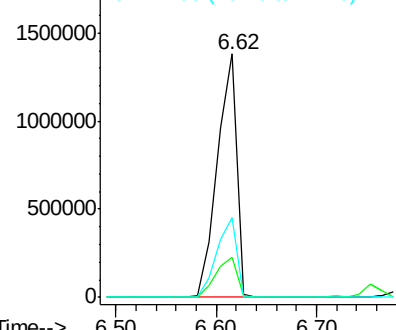
Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	32.7	26.8	40.2



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: 41.16 ng

RT: 6.78 min Scan# 454

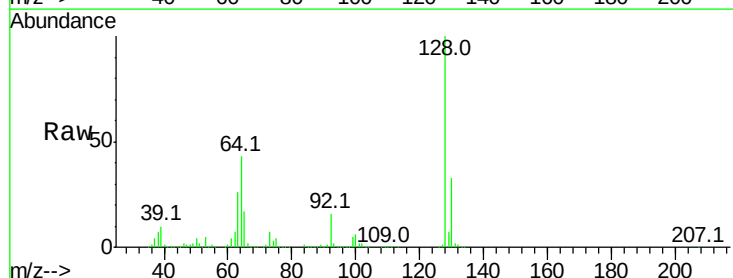
Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:128 Resp: 562173

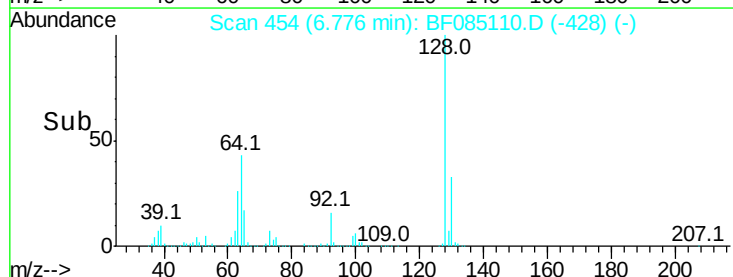
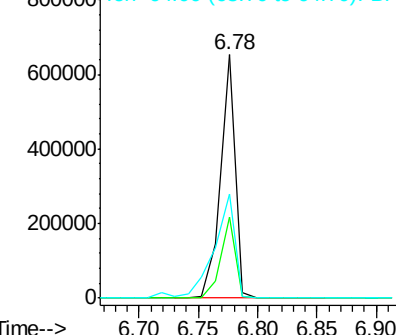
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	42.9	29.6	69.6

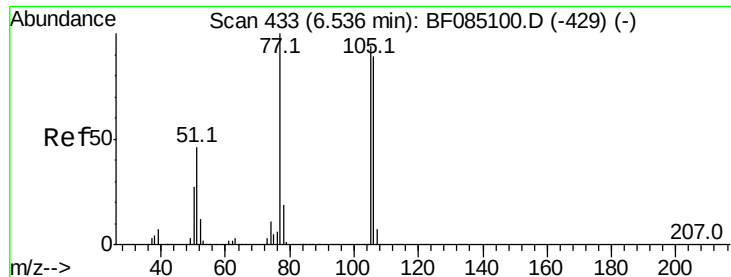


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.53 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampled :

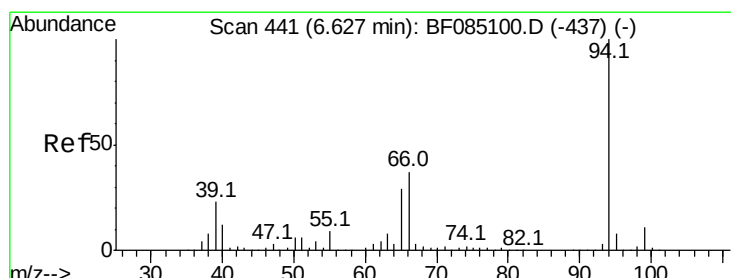
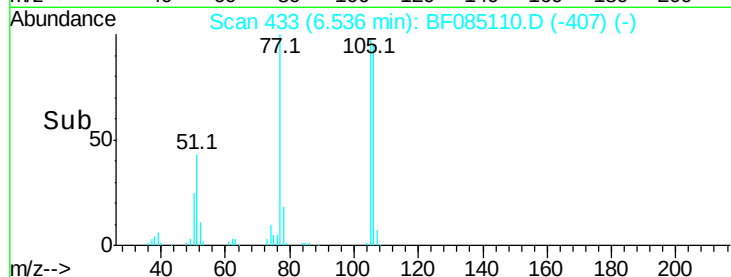
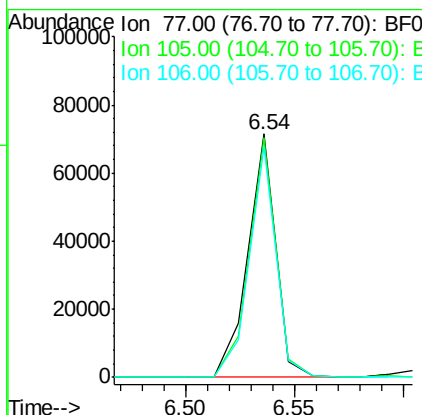
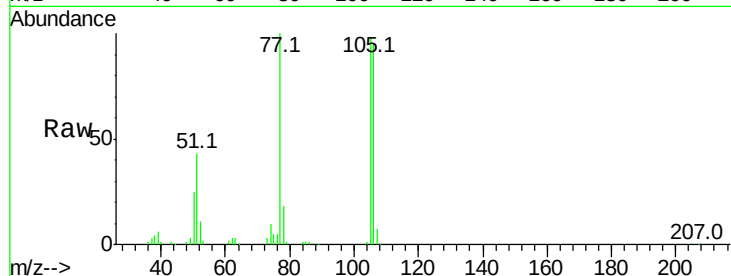
Tot Ion: 77 Resp: 63210

Ion Ratio Lower Upper

77 100

105 98.4 73.7 113.7

106 94.7 69.2 109.2



#10

Phenol

Concen: 46.67 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

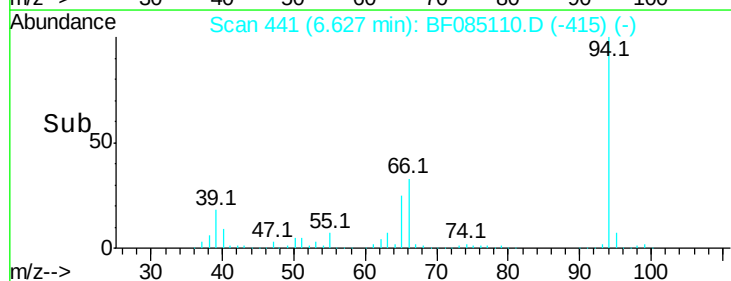
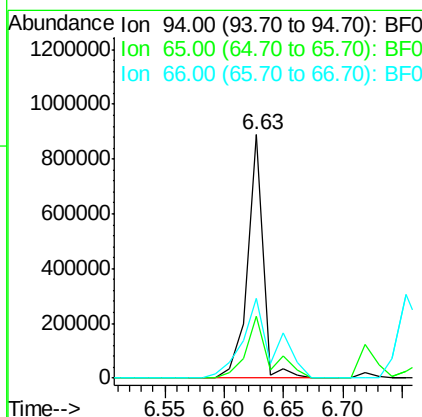
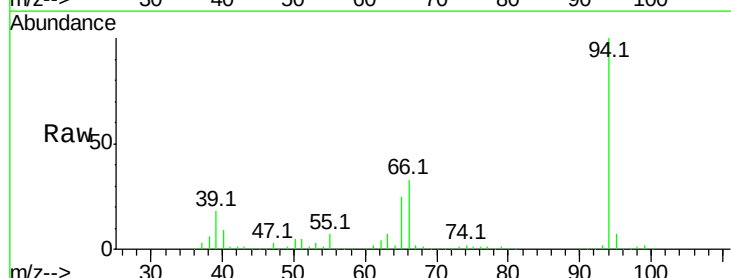
Tgt Ion: 94 Resp: 811235

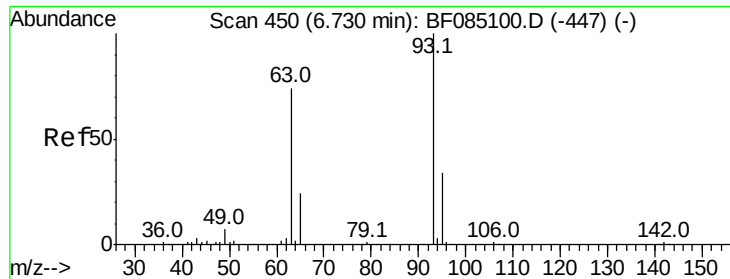
Ion Ratio Lower Upper

94 100

65 25.2 9.1 49.1

66 32.8 17.5 57.5

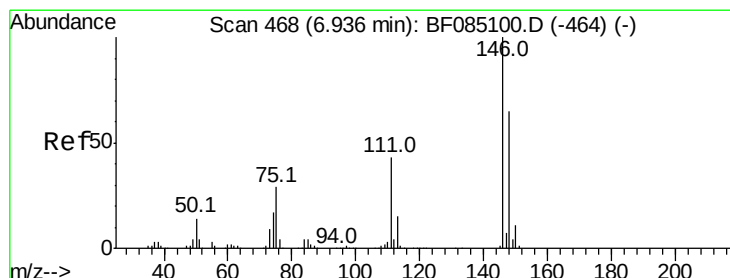
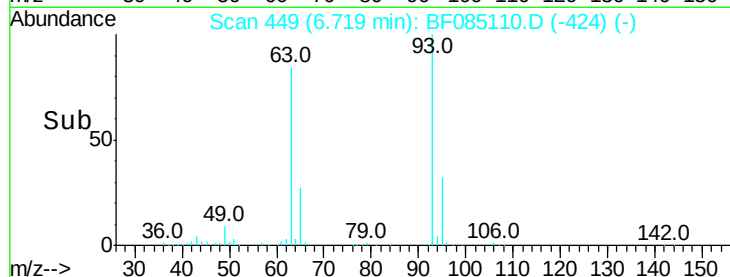
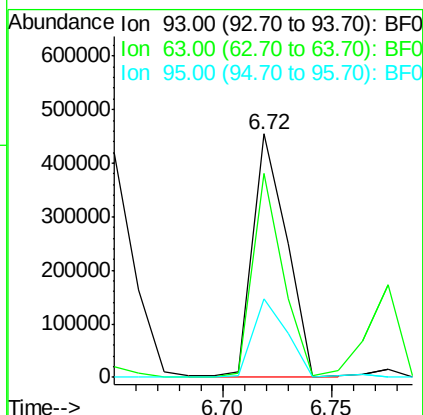
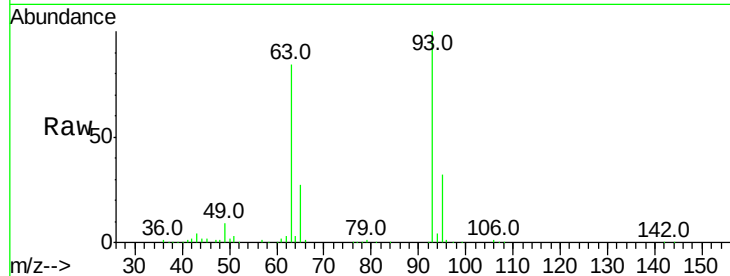




#11
bis(2-Chloroethyl)ether
Concen: 35.84 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

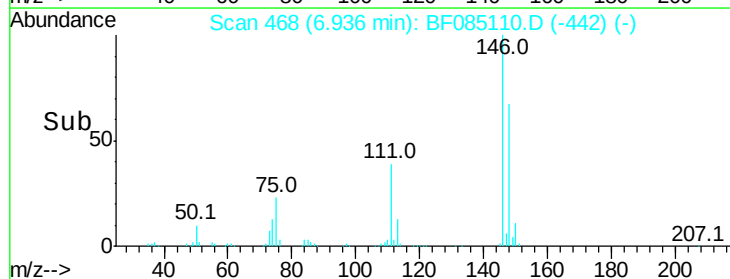
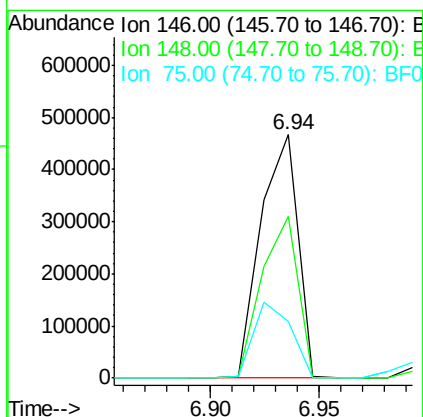
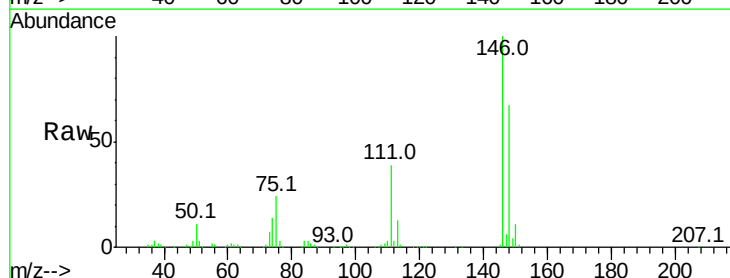
Instrument :
BNA_F
ClientSampleId :

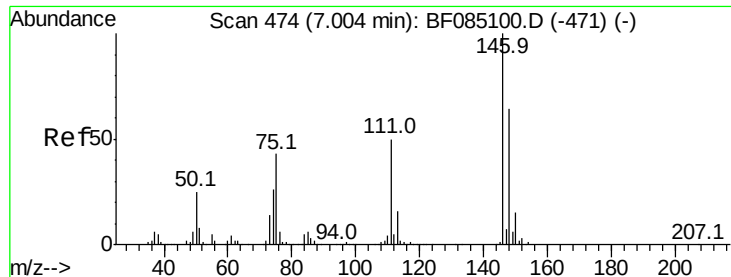
Tot Ion: 93 Resp: 493904
Ion Ratio Lower Upper
93 100
63 83.5 53.9 93.9
95 32.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 38.13 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion: 146 Resp: 559378
Ion Ratio Lower Upper
146 100
148 66.6 51.9 77.9
75 23.5 23.3 34.9

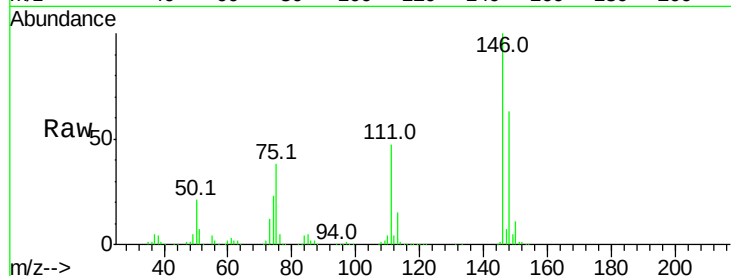




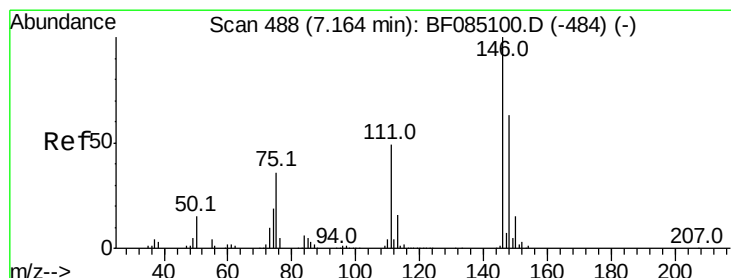
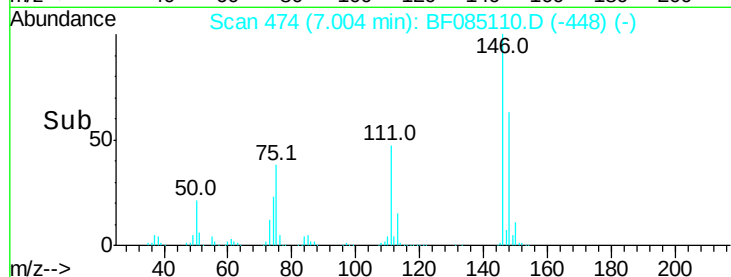
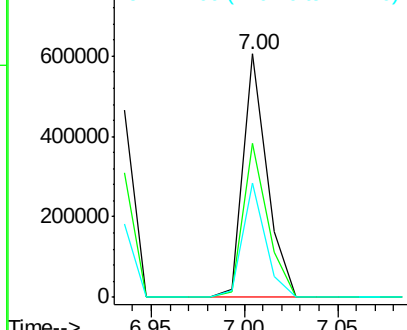
#13
1,4-Dichlorobenzene
Concen: 36.30 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 542776
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 47.2 40.0 60.0

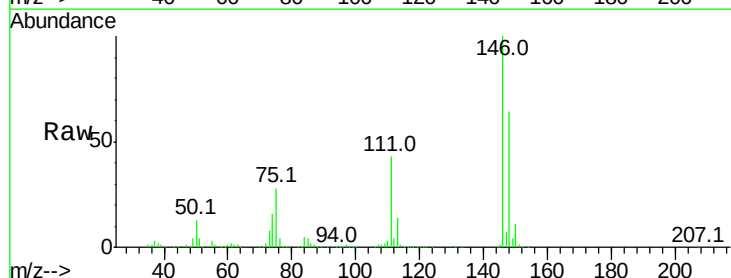


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

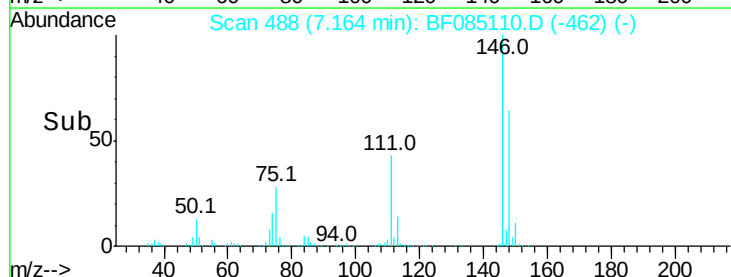
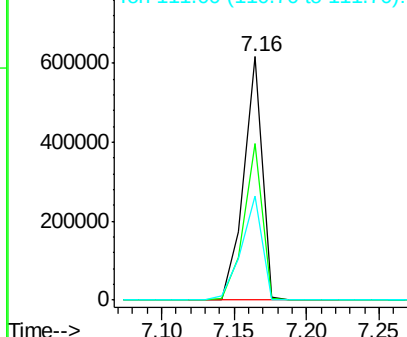


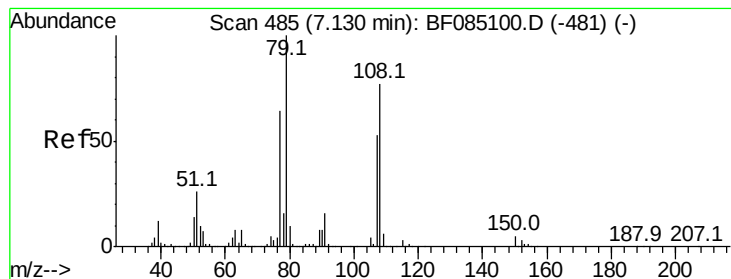
#14
1,2-Dichlorobenzene
Concen: 41.72 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion:146 Resp: 549259
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
111 42.9 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: 46.45 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampled :

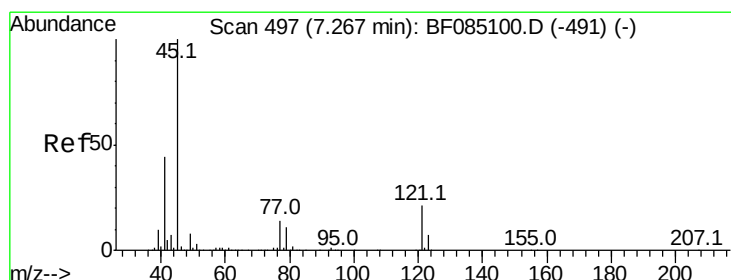
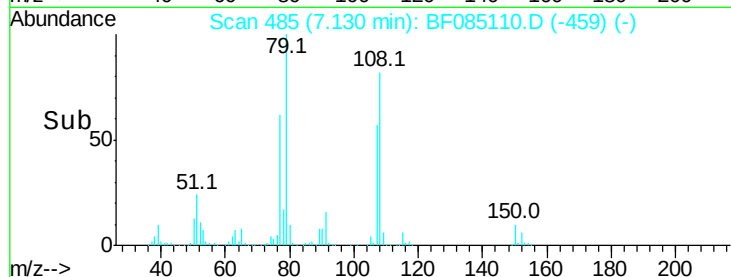
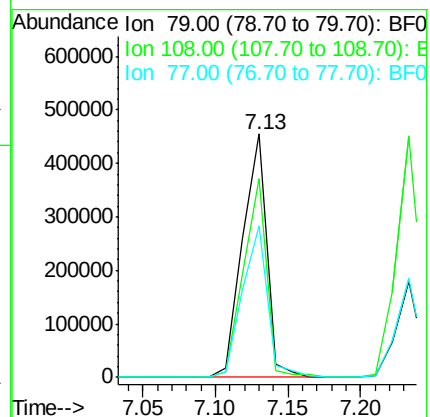
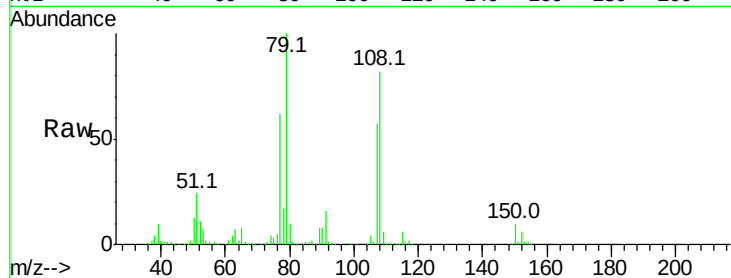
Tot Ion: 79 Resp: 525974

Ion Ratio Lower Upper

79 100

108 81.8 61.8 92.6

77 62.0 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.02 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

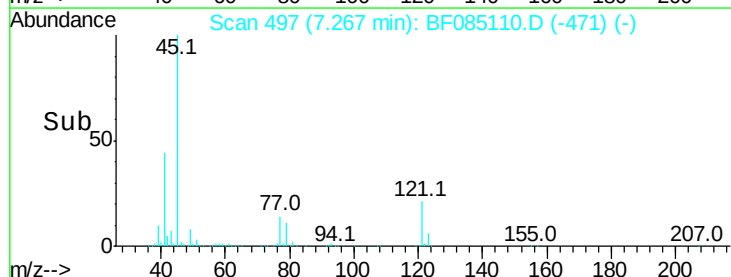
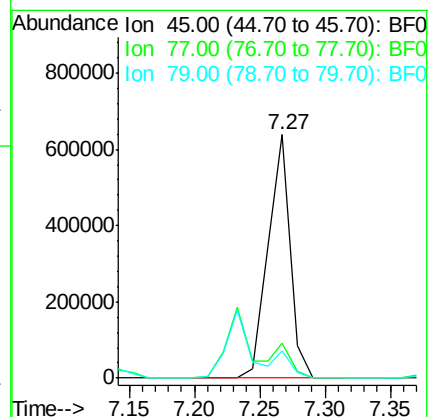
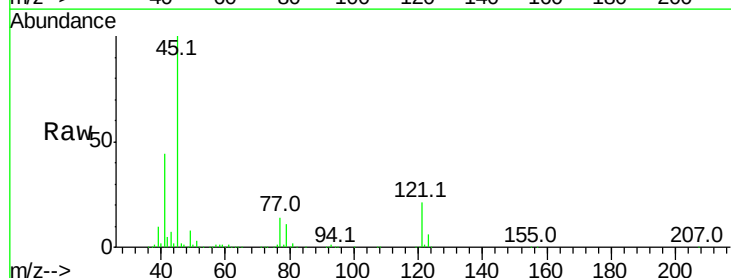
Tgt Ion: 45 Resp: 751782

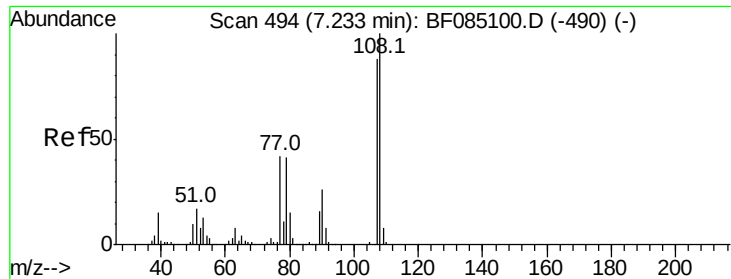
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.4

79 11.0 0.0 31.1





#17

2-Methylphenol

Concen: 38.90 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 445190

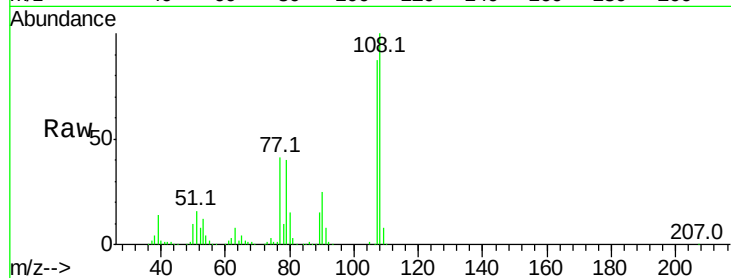
Ion Ratio Lower Upper

107 100

108 115.5 91.4 137.2

77 47.6 38.7 58.1

79 46.3 37.8 56.6

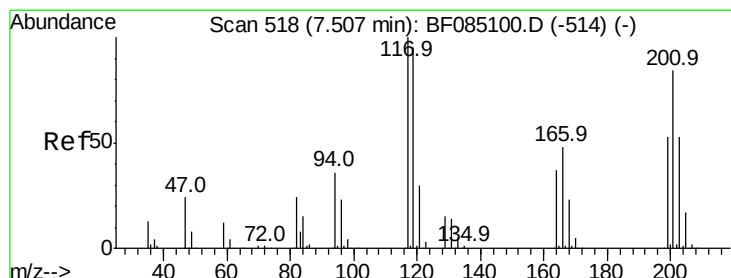
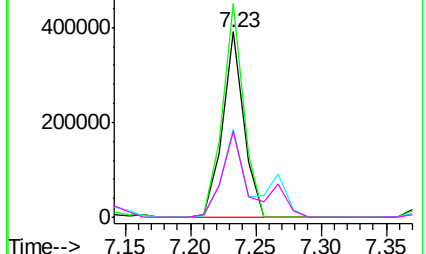
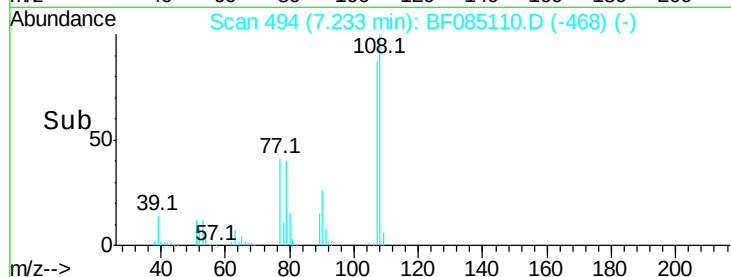


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.99 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

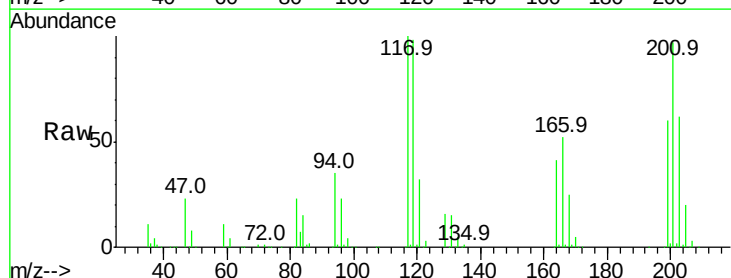
Tgt Ion:117 Resp: 215508

Ion Ratio Lower Upper

117 100

119 97.5 76.2 114.4

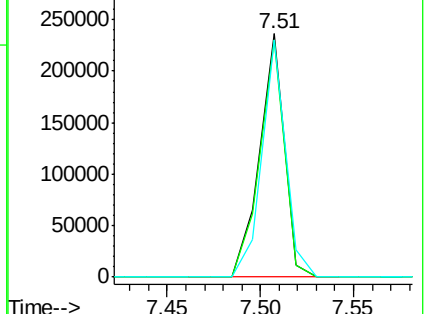
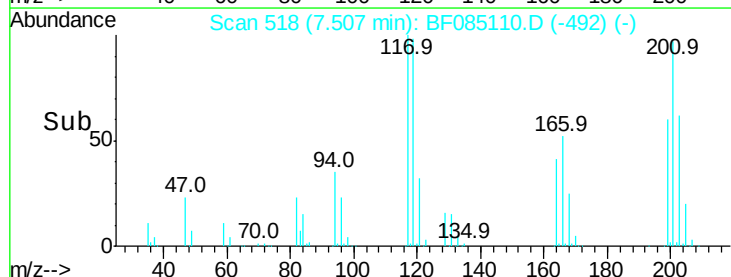
201 97.3 66.8 100.2

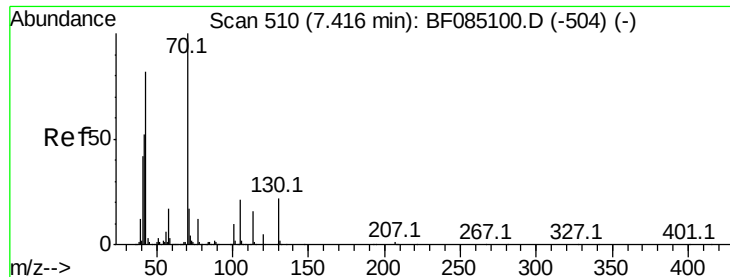


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

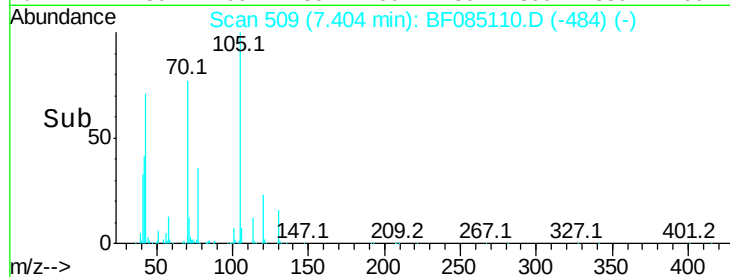
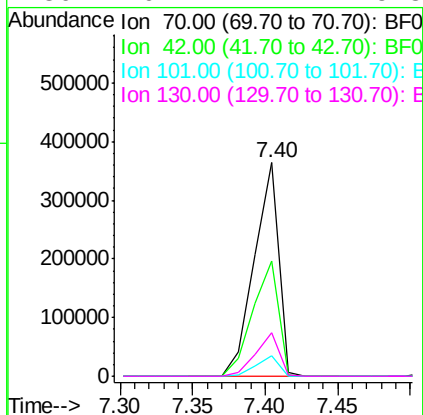
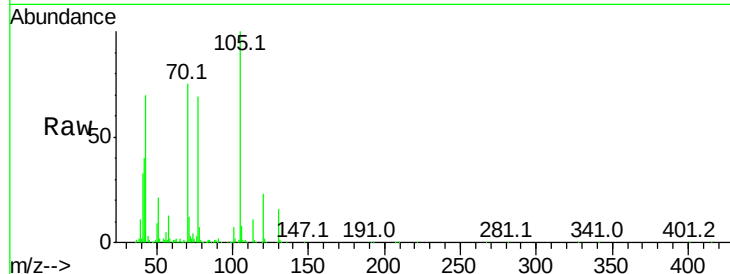




#19
n-Nitroso-di-n-propylamine
Concen: 41.58 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

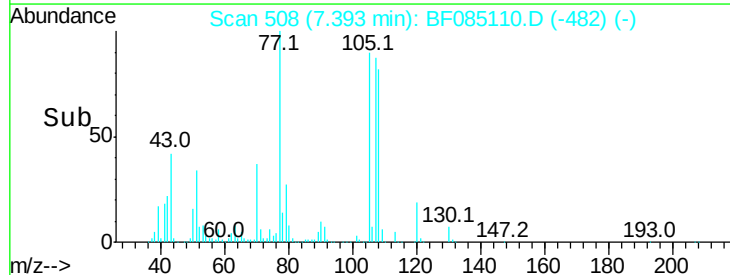
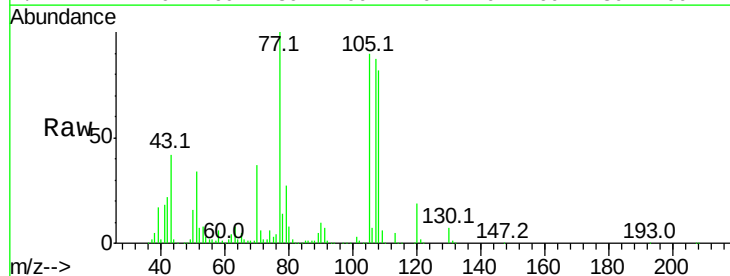
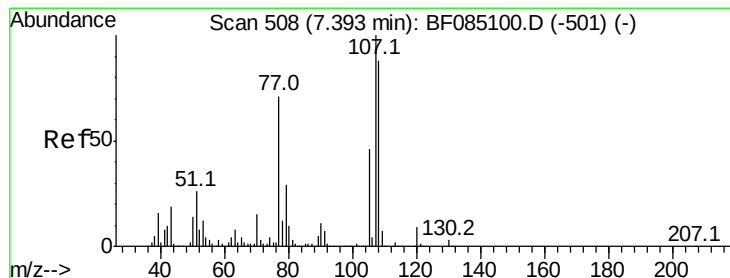
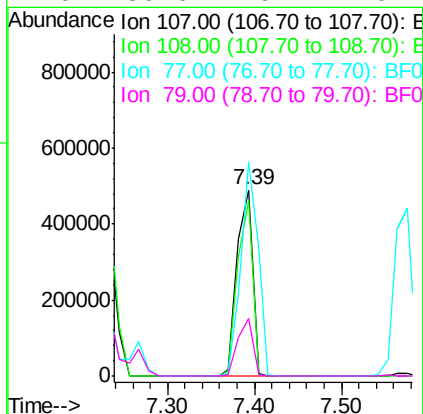
Instrument :
BNA_F
ClientSampleId :

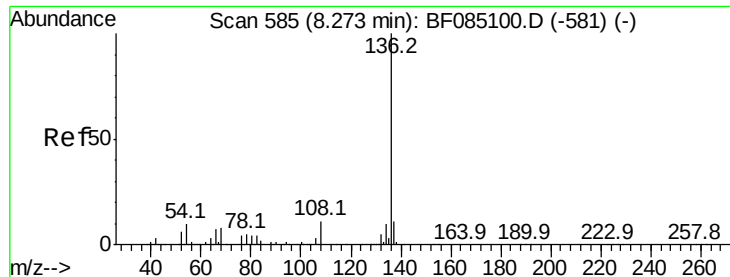
Tot Ion: 70 Resp: 425751
Ion Ratio Lower Upper
70 100
42 53.7 41.9 62.9
101 9.4 7.8 11.8
130 20.7 17.2 25.8



#20
3+4-Methylphenols
Concen: 44.11 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion: 107 Resp: 603303
Ion Ratio Lower Upper
107 100
108 94.5 67.8 107.8
77 114.7 50.6 90.6#
79 30.6 9.1 49.1

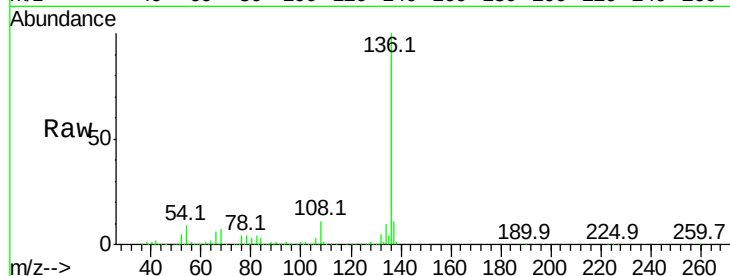




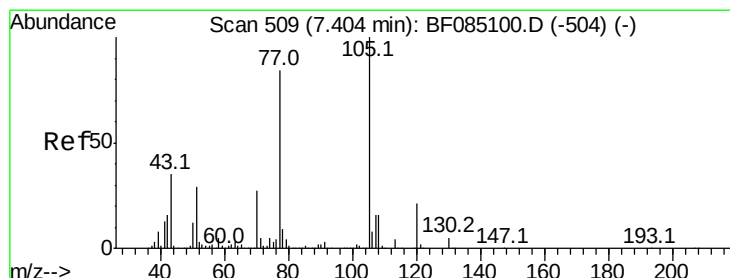
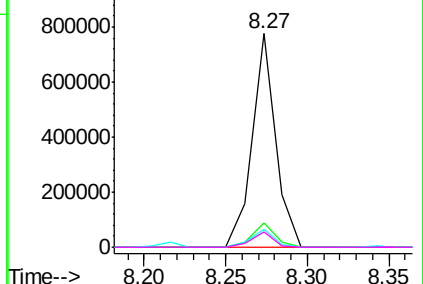
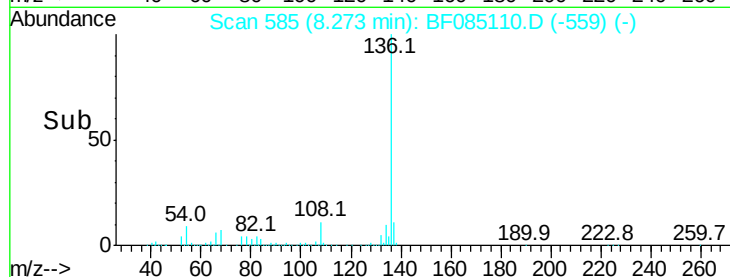
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	771222
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.7	8.5	12.7
68	7.0	6.4	9.6

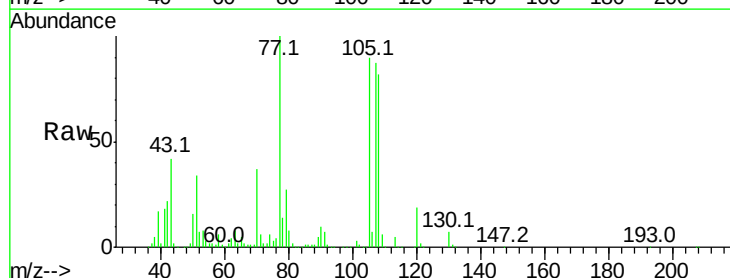


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF0
800000
Ion 68.00 (67.70 to 68.70): BF0
600000
400000
200000
0

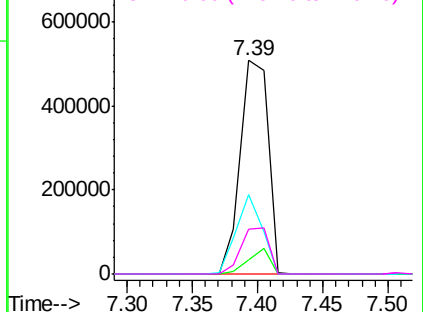
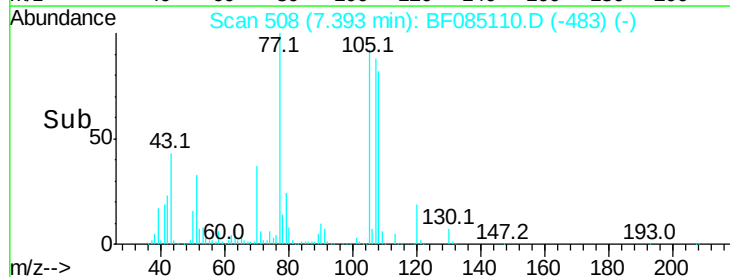


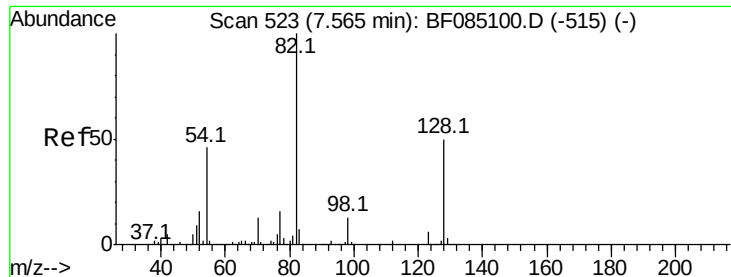
#22
Acetophenone
Concen: 39.08 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion:	105	Resp:	758126
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.8	5.6#
51	37.4	22.9	34.3#
120	20.9	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF0
600000
Ion 51.00 (50.70 to 51.70): BF0
400000
Ion 120.00 (119.70 to 120.70): E
200000
0



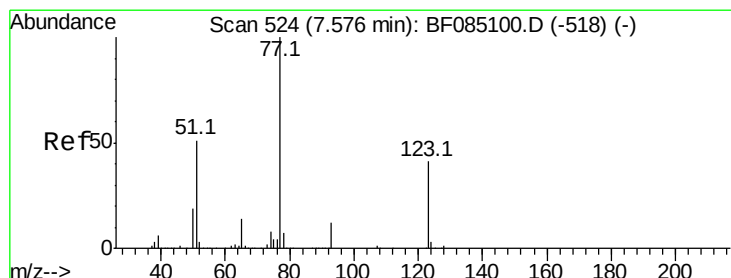
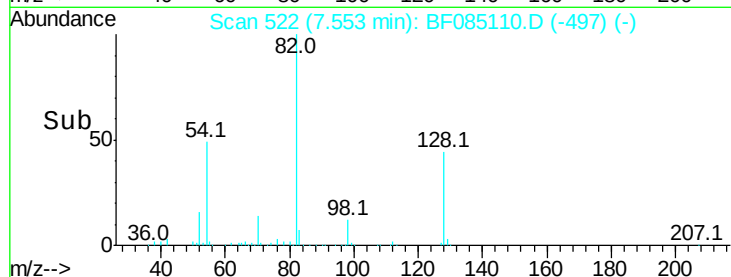
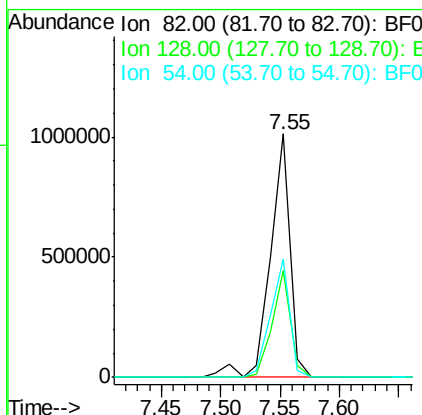
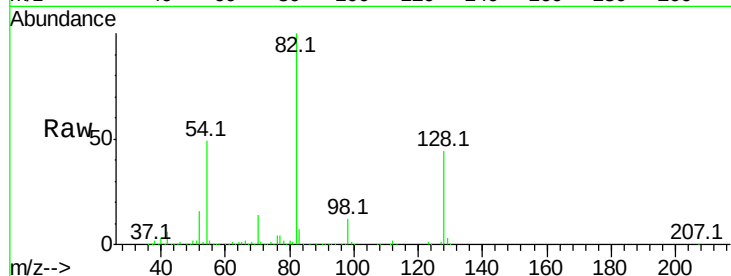


#23
 Nitrobenzene-d5
 Concen: 80.72 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1170053

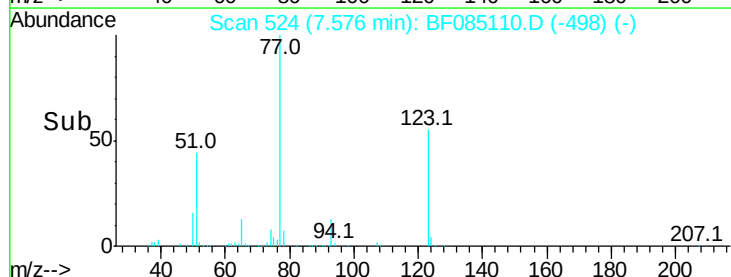
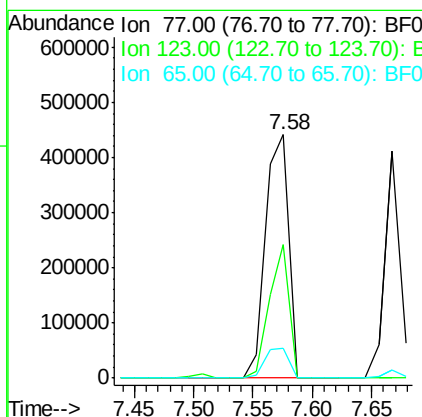
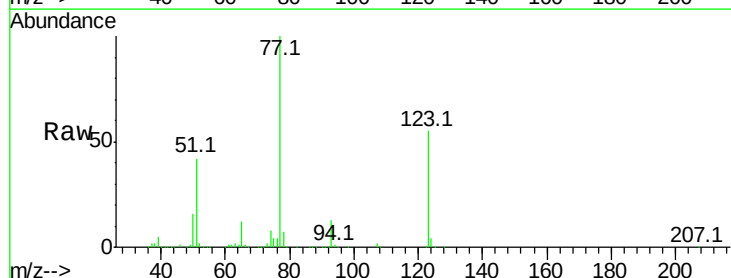
Ion	Ratio	Lower	Upper
82	100		
128	44.1	39.8	59.6
54	48.6	36.6	54.8

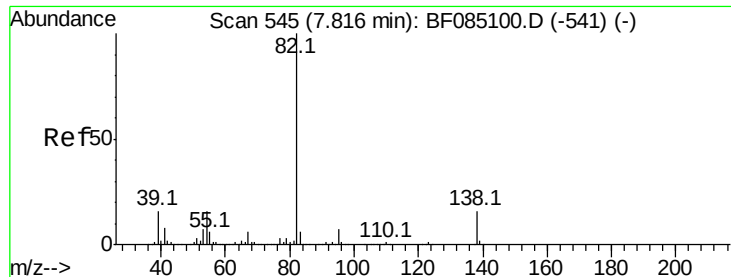


#24
 Nitrobenzene
 Concen: 40.06 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion: 77 Resp: 602360

Ion	Ratio	Lower	Upper
77	100		
123	54.9	33.4	50.2#
65	12.4	10.9	16.3





#25

Isophorone

Concen: 39.62 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

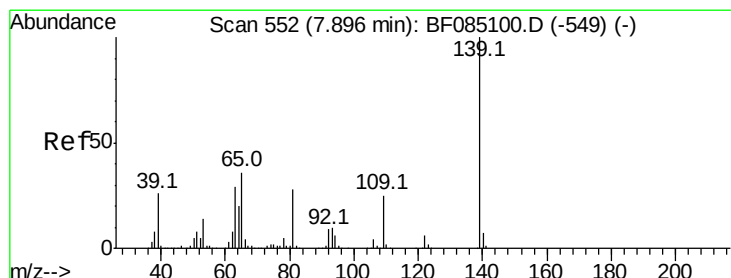
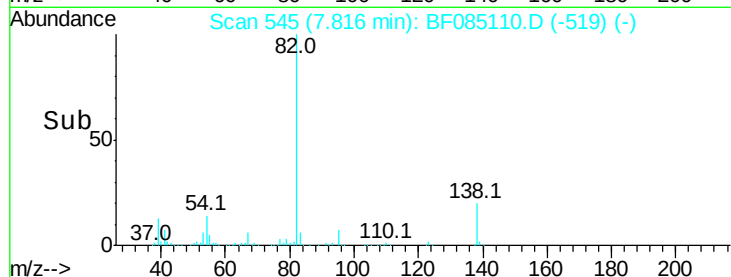
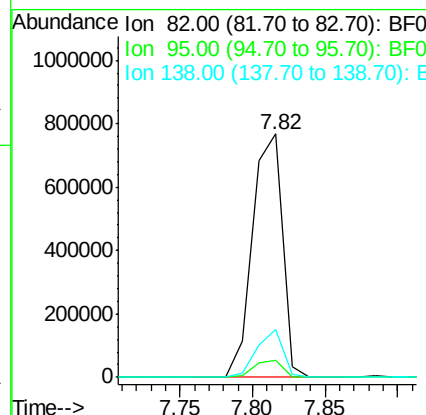
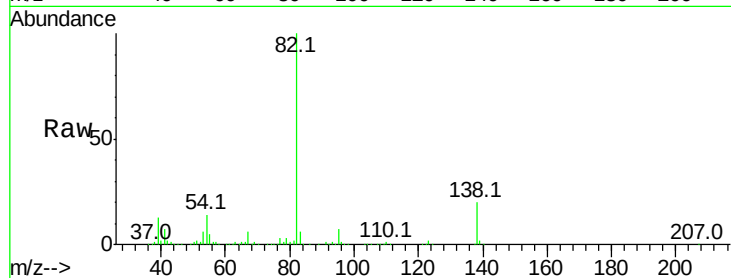
Tot Ion: 82 Resp: 1098735

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 19.7 12.6 18.8#



#26

2-Nitrophenol

Concen: 36.84 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

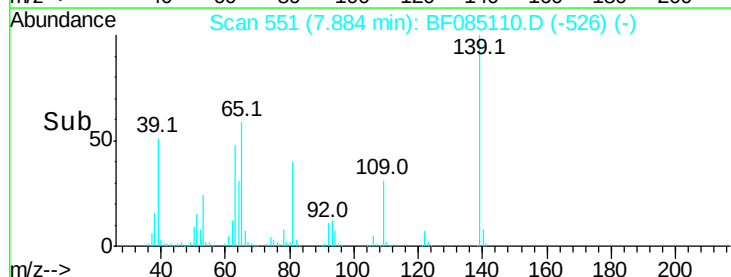
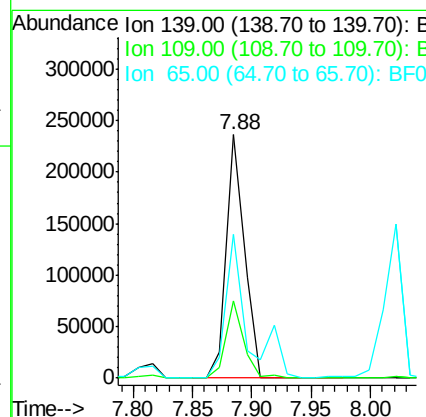
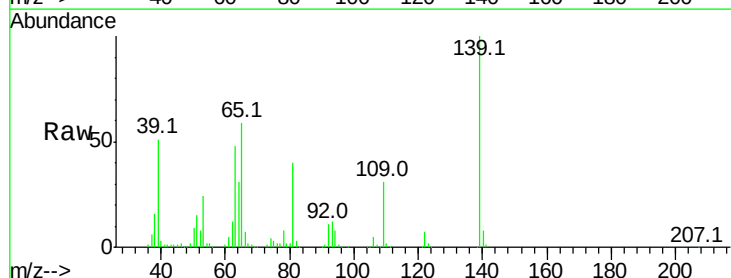
Tgt Ion: 139 Resp: 247717

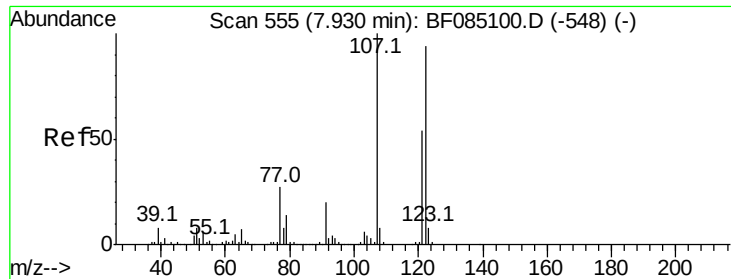
Ion Ratio Lower Upper

139 100

109 31.5 20.4 30.6#

65 58.9 29.2 43.8#





#27

2,4-Dimethylphenol

Concen: 40.21 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

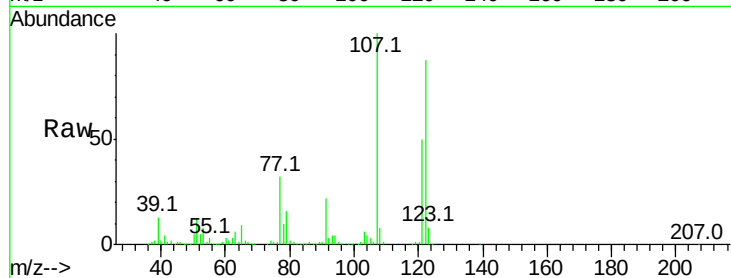
Tot Ion:122 Resp: 523995

Ion Ratio Lower Upper

122 100

107 115.2 85.0 127.4

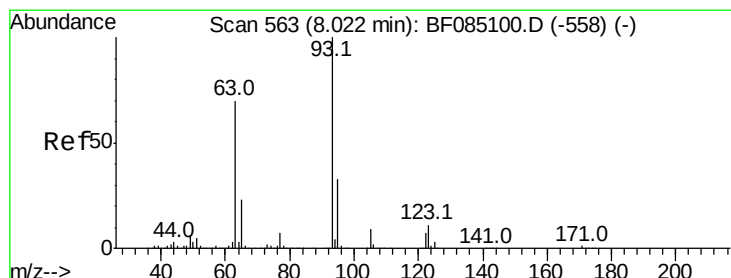
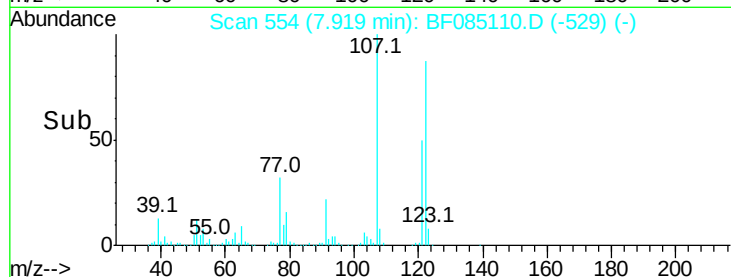
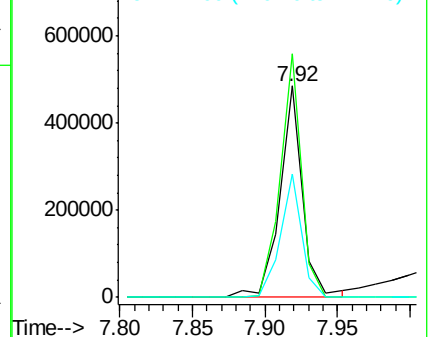
121 58.1 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.34 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

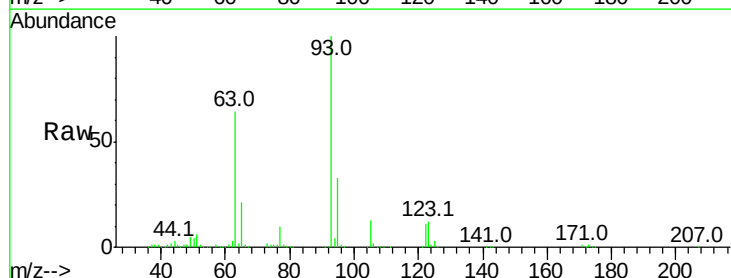
Tgt Ion: 93 Resp: 708701

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

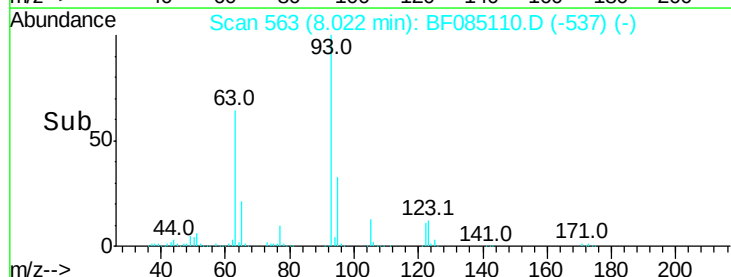
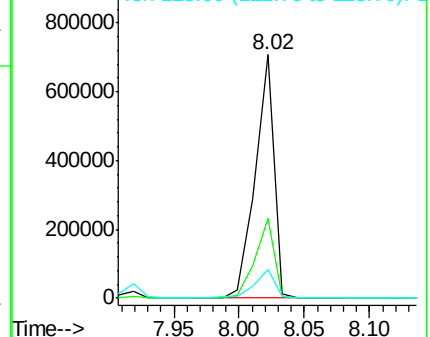
123 11.7 8.8 13.2

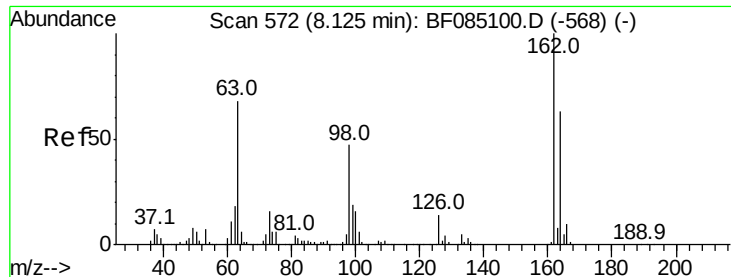


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

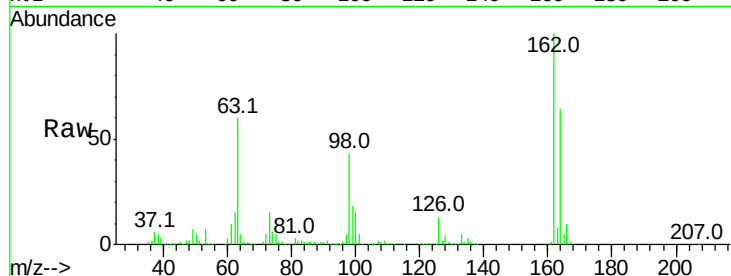




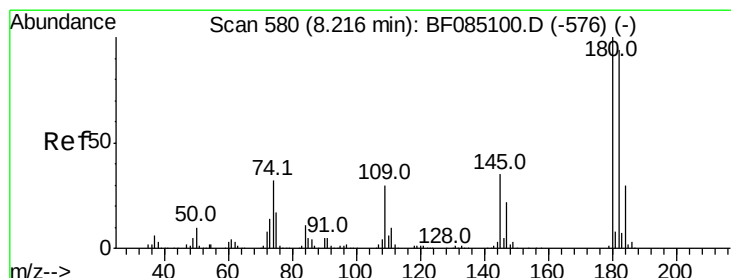
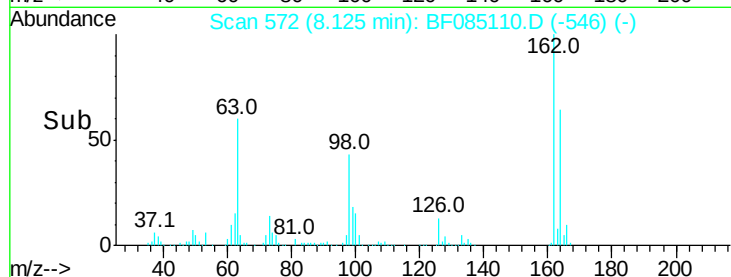
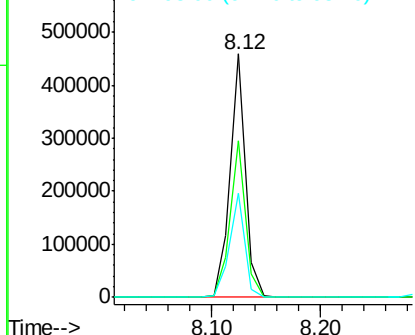
#29
 2,4-Dichlorophenol
 Concen: 41.60 ng
 RT: 8.12 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.9	82.9
98	42.6	26.9	66.9

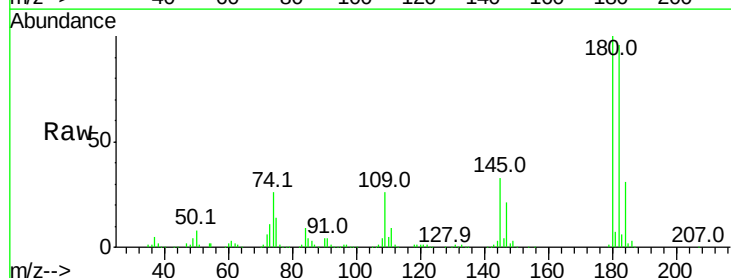


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

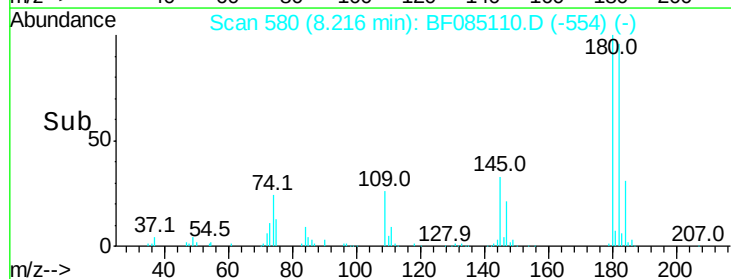
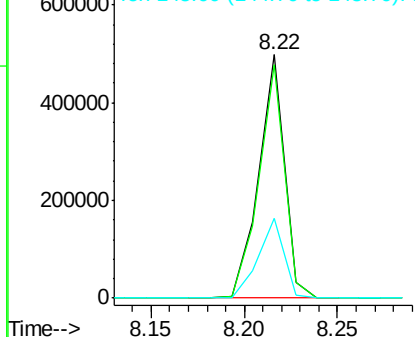


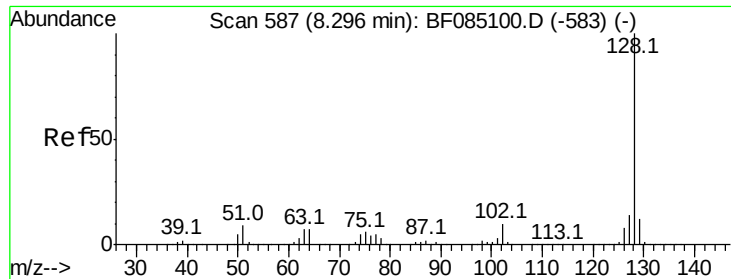
#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.0
145	32.6	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: 38.27 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

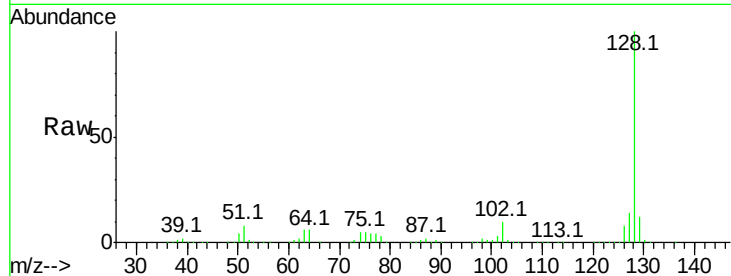
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1492793

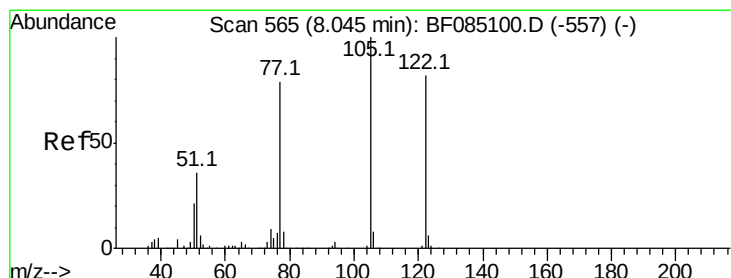
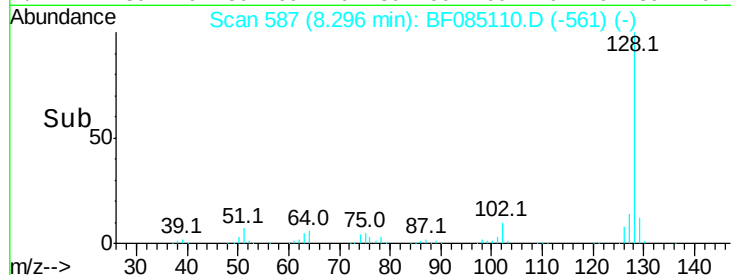
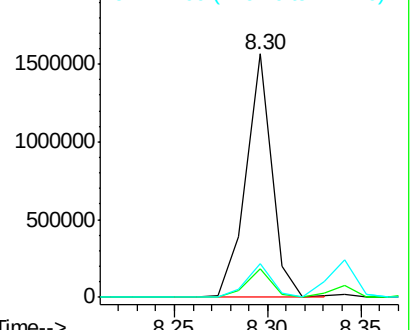
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	14.0	11.1	16.7



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: 33.94 ng

RT: 8.02 min Scan# 563

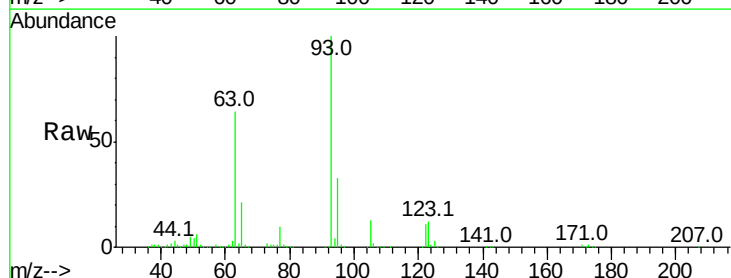
Delta R.T. -0.02 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:122 Resp: 219392

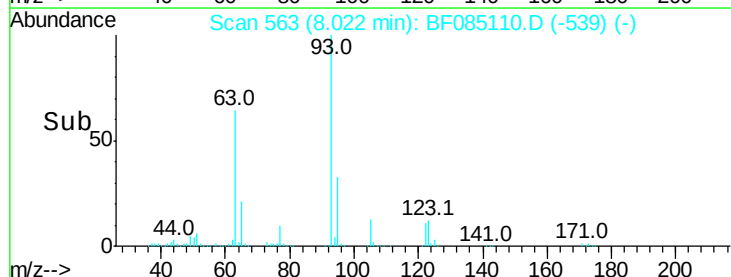
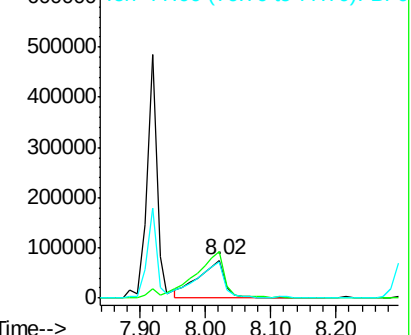
Ion	Ratio	Lower	Upper
122	100		
105	124.1	102.0	142.0
77	98.3	76.8	116.8

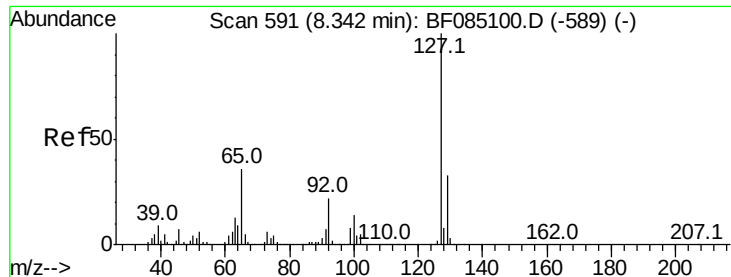


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

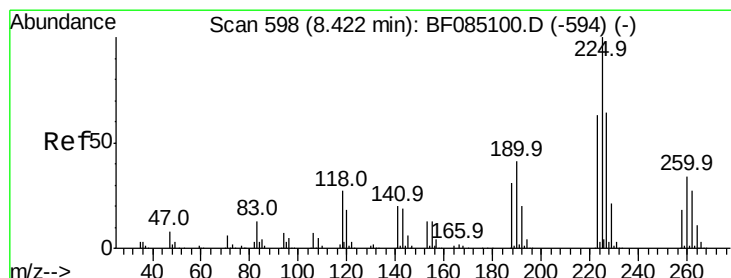
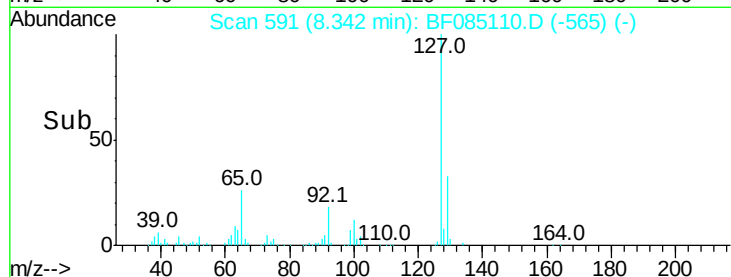
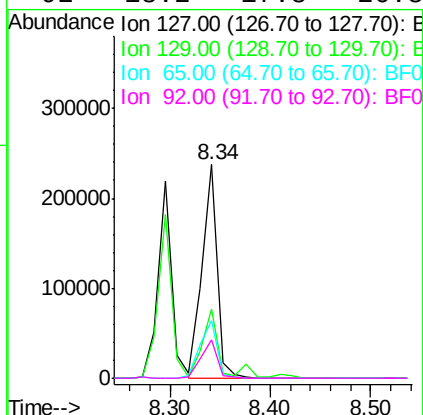
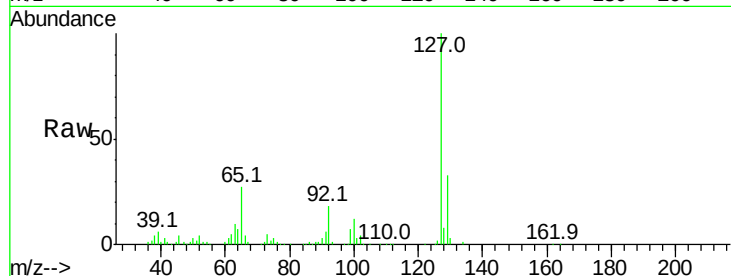




#33
4-Chloroaniline
Concen: 16.21 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

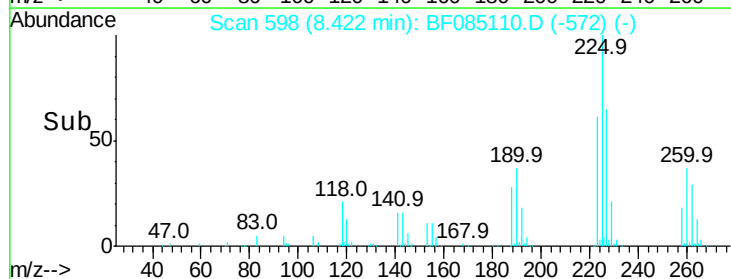
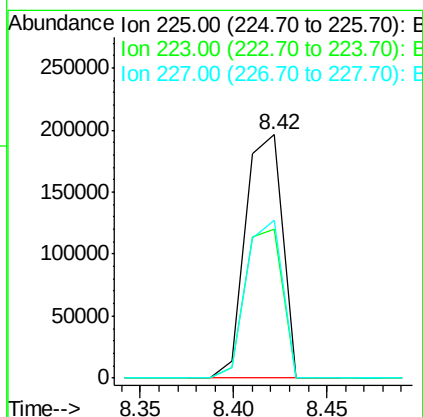
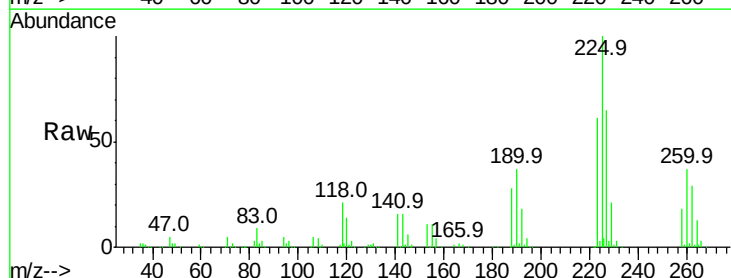
Instrument :
BNA_F
ClientSampleId :

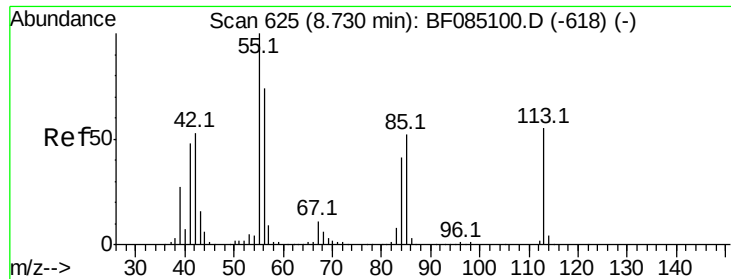
Tot Ion:	127	Resp:	249903
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	26.7	28.6	43.0
92	18.2	17.8	26.8



#34
Hexachlorobutadiene
Concen: 39.66 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion:	225	Resp:	268925
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.4	75.6
227	65.1	51.6	77.4

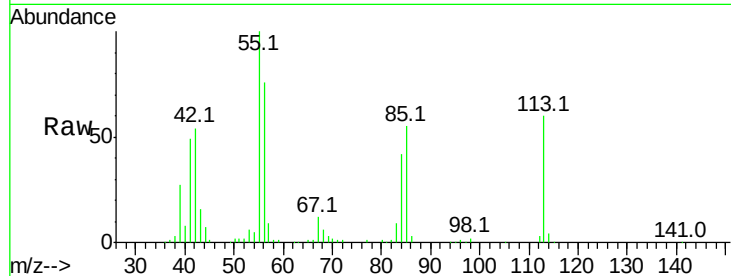




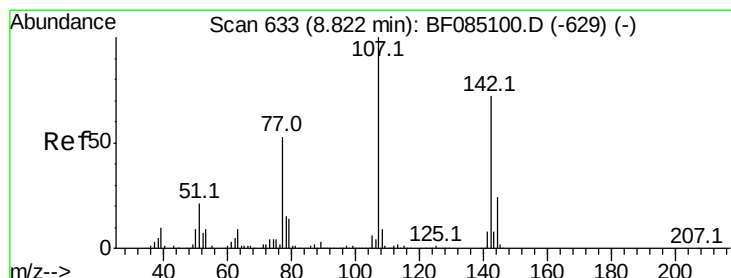
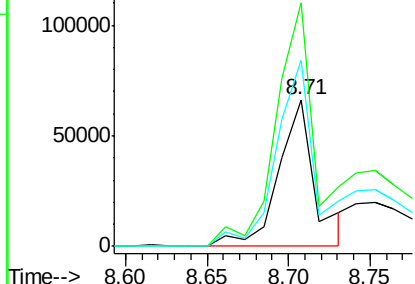
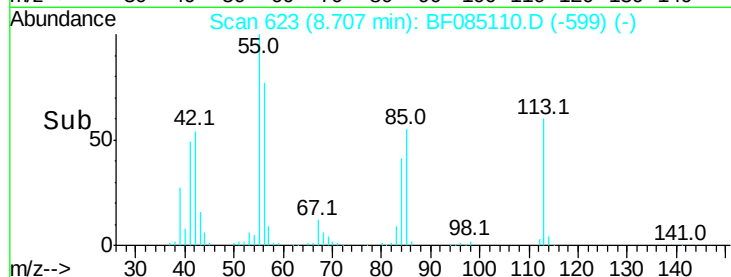
#35
 Caprolactam
 Concen: 30.57 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 102882
 Ion Ratio Lower Upper
 113 100
 55 166.0 162.9 202.9
 56 127.0 114.5 154.5

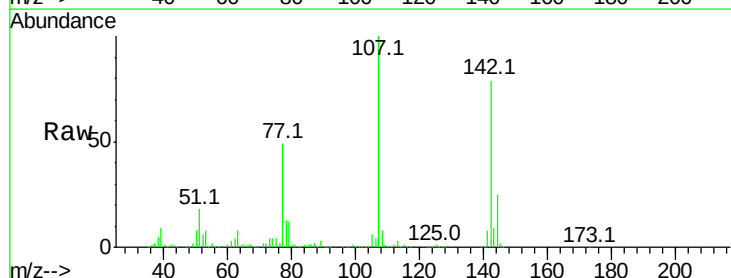


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

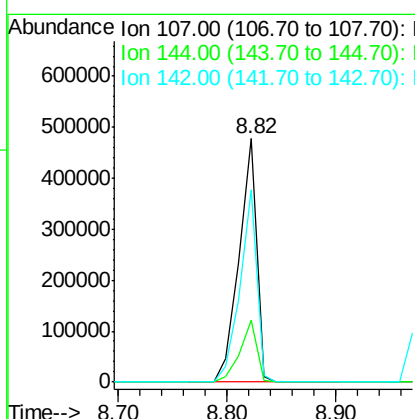
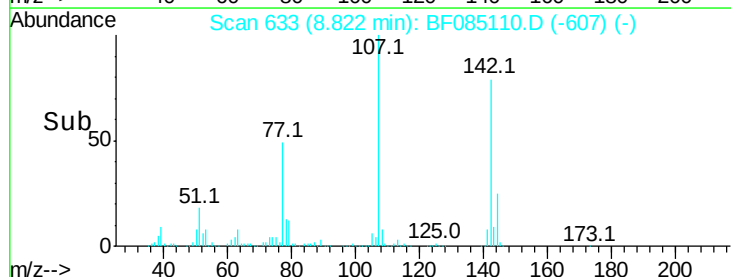


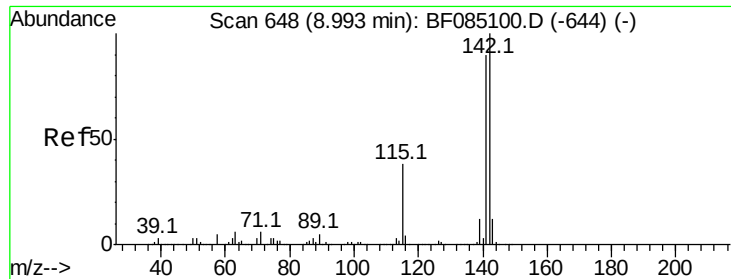
#36
 4-Chloro-3-methylphenol
 Concen: 44.83 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion:107 Resp: 531529
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.9 28.3
 142 78.8 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: 45.17 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.00 min

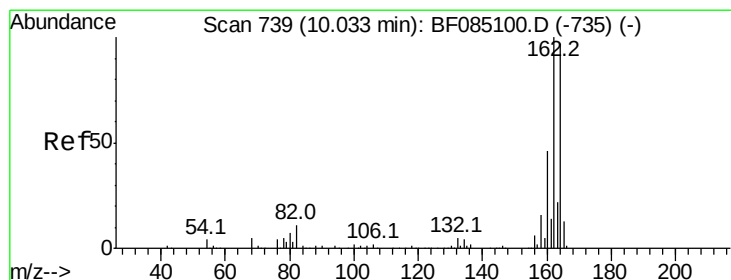
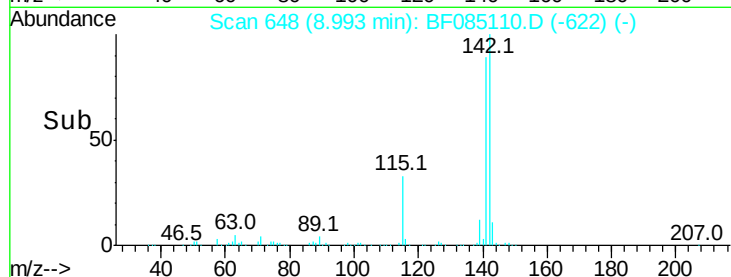
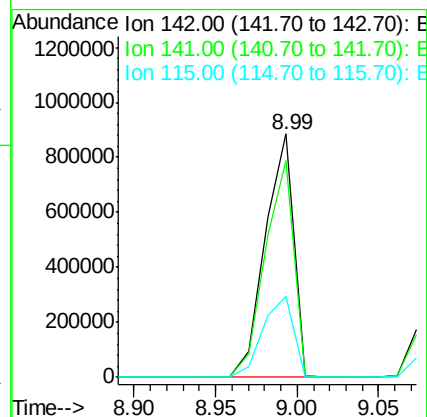
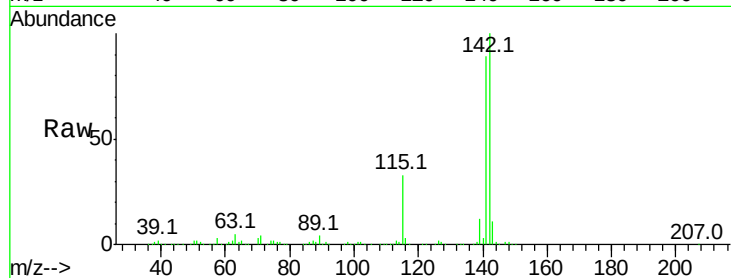
Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1077006

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	33.3	30.1	45.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 739

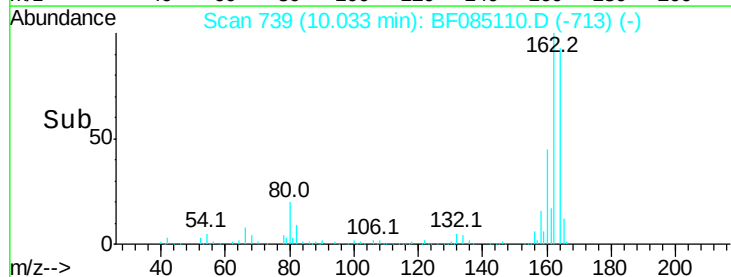
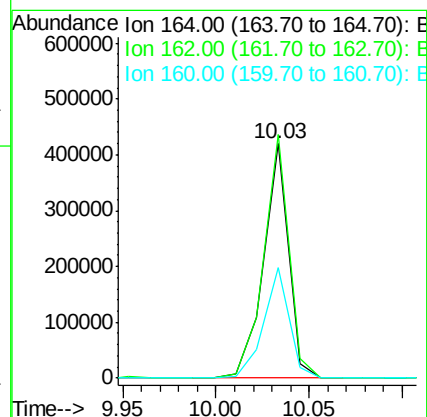
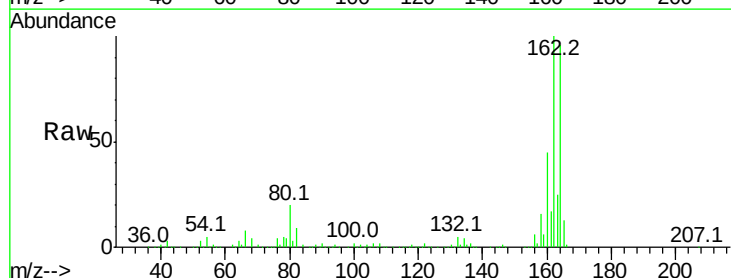
Delta R.T. -0.00 min

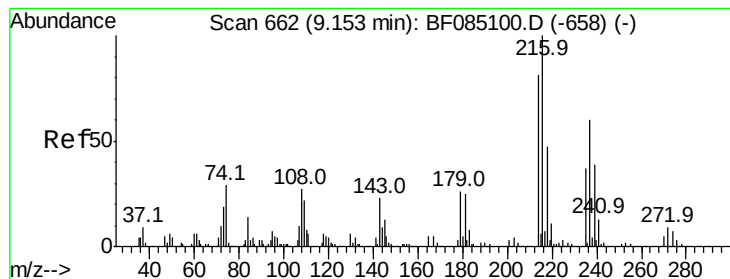
Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:164 Resp: 384988

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	47.1	38.2	57.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.14 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 416662

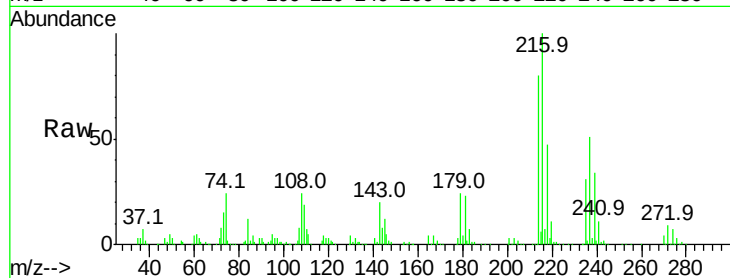
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 22.7 18.1 27.1

108 25.5 17.1 25.7

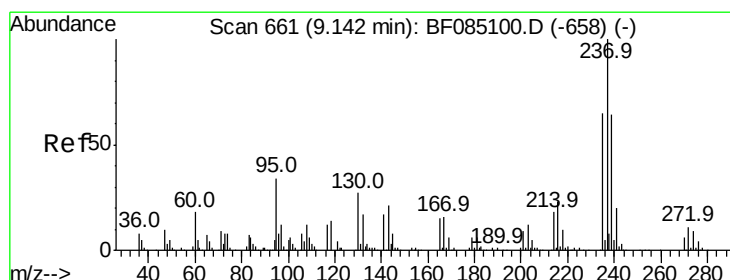
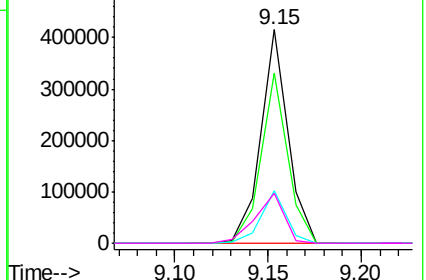
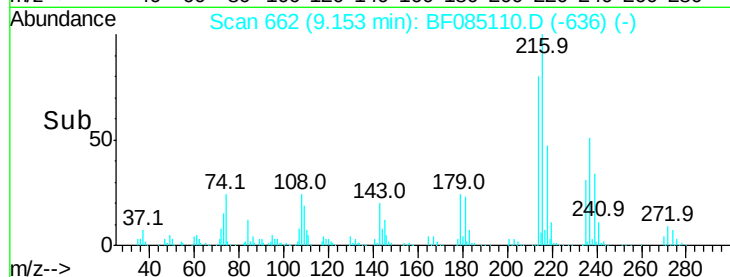


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.29 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

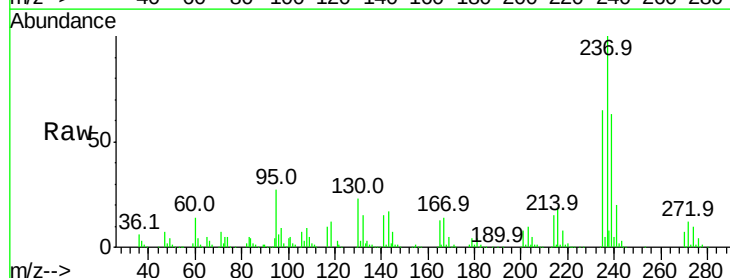
Tgt Ion:237 Resp: 528466

Ion Ratio Lower Upper

237 100

235 65.5 45.3 85.3

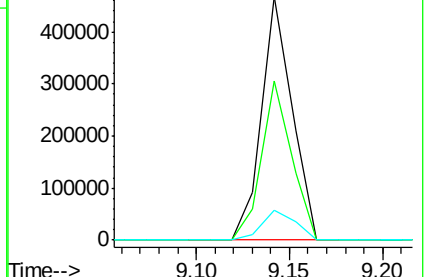
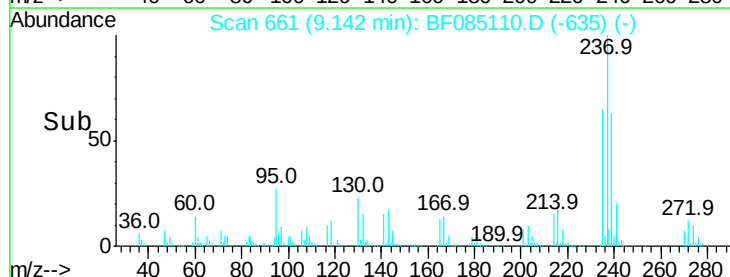
272 12.3 0.0 31.2

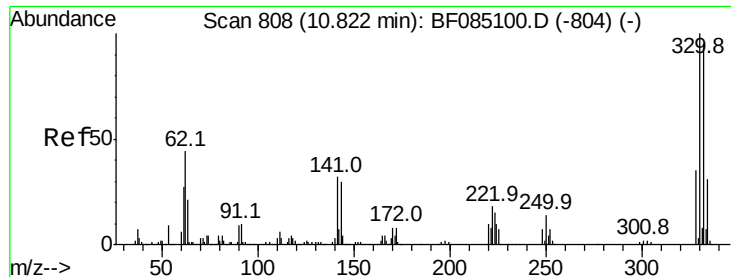


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

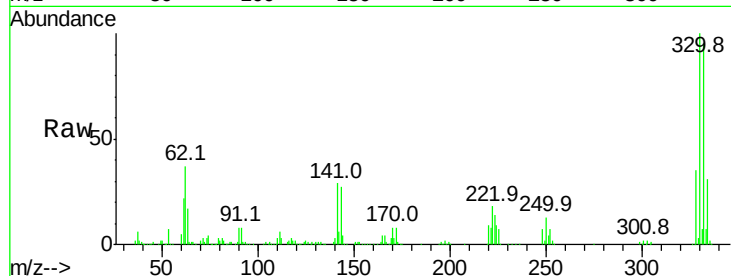




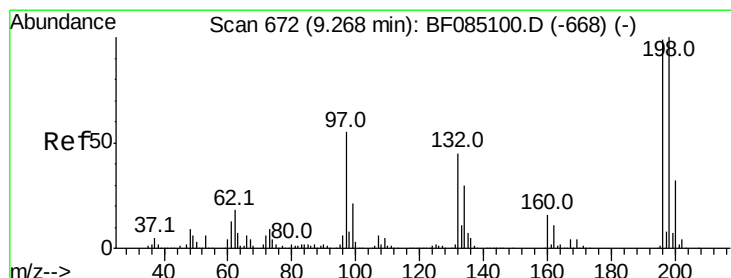
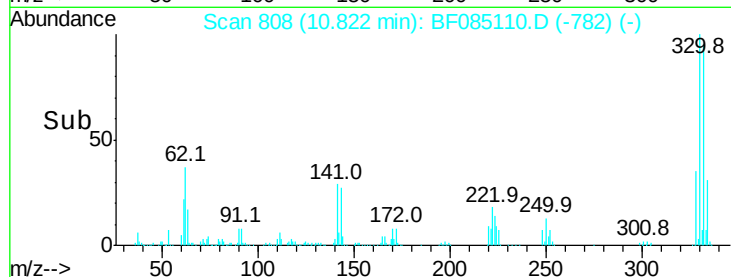
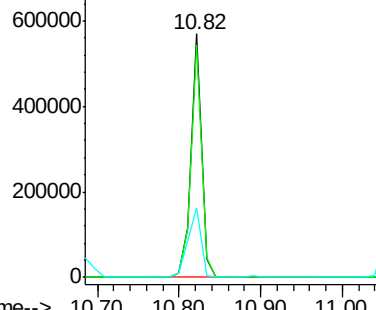
#41
 2,4,6-Tribromophenol
 Concen: 132.02 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	35.2	28.9	43.3

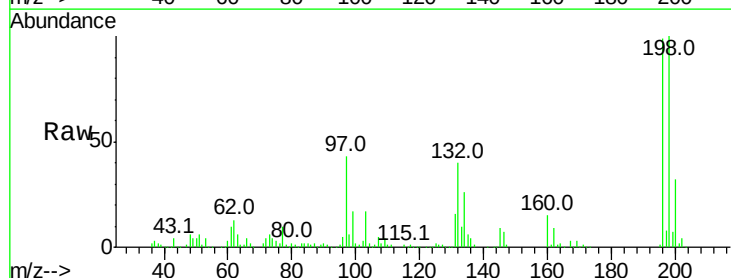


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

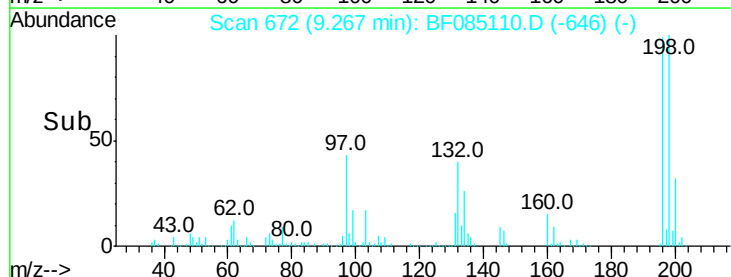
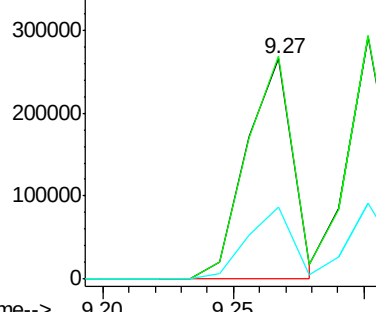


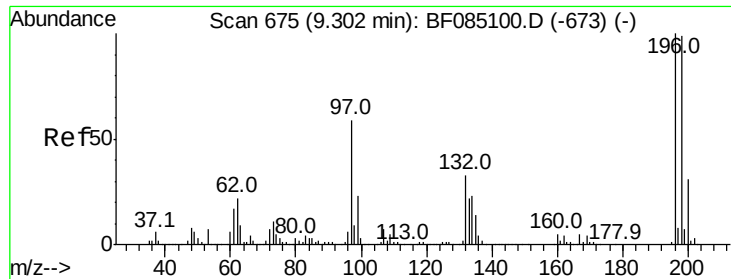
#42
 2,4,6-Trichlorophenol
 Concen: 40.76 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	80.4	120.6
200	32.7	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

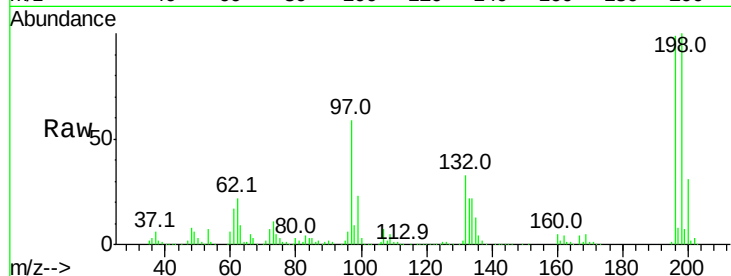




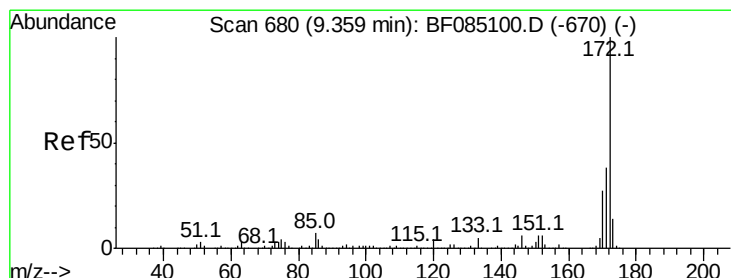
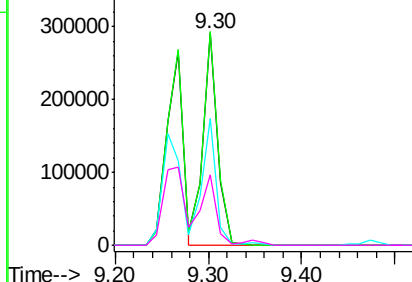
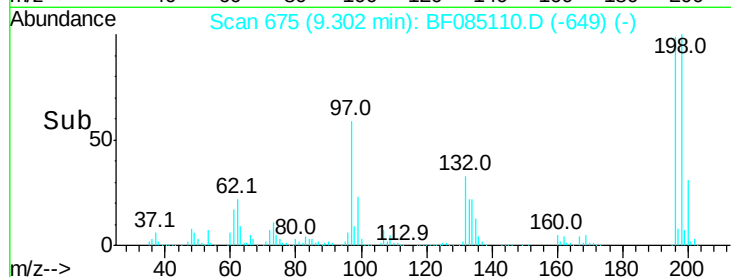
#43
 2,4,5-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	324088
Ion	Ratio	Lower	Upper
196	100		
198	100.5	79.5	119.3
97	59.5	47.3	70.9
132	33.0	26.5	39.7

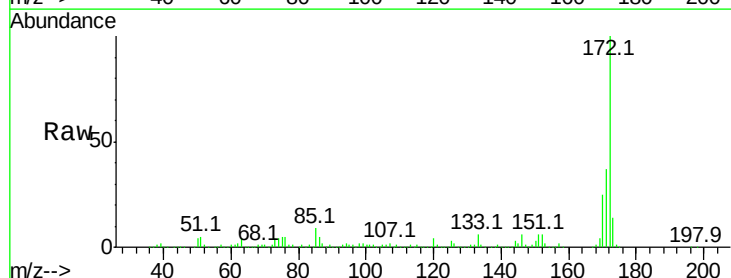


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

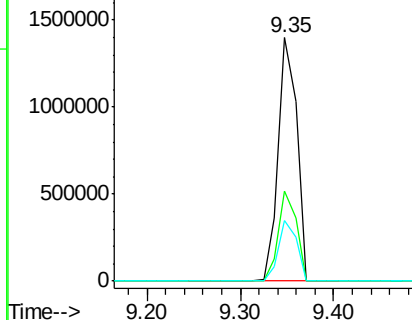
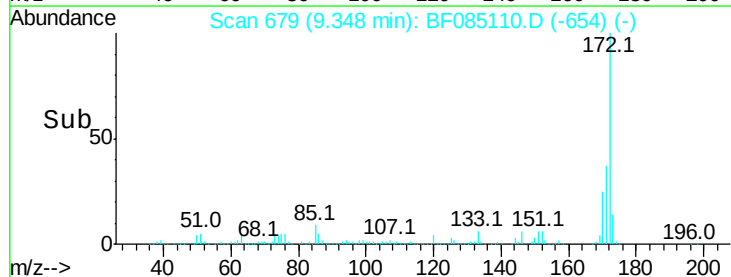


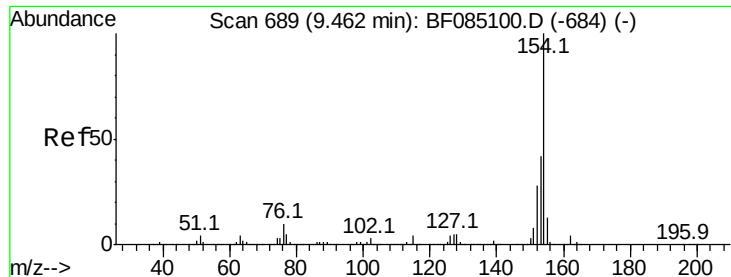
#44
 2-Fluorobiphenyl
 Concen: 73.73 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion:	172	Resp:	1927331
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	25.0	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: 35.01 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

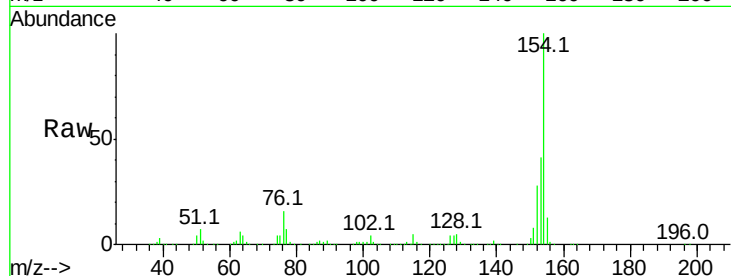
Tot Ion:154 Resp: 1196428

Ion Ratio Lower Upper

154 100

153 40.9 21.5 61.5

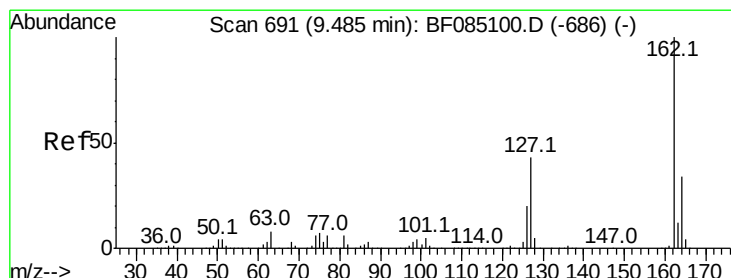
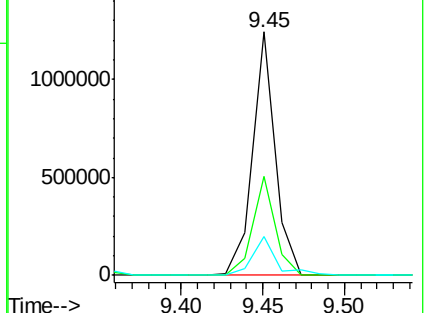
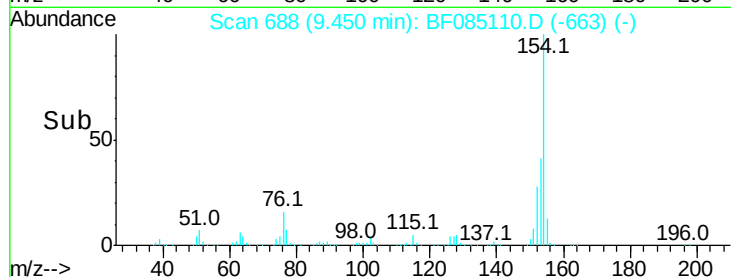
76 15.7 0.0 29.7



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: 37.28 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

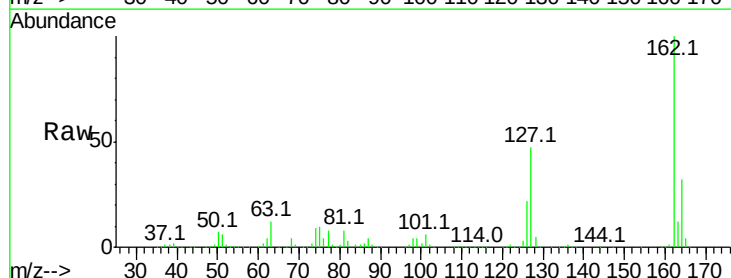
Tgt Ion:162 Resp: 929195

Ion Ratio Lower Upper

162 100

127 46.8 34.2 51.4

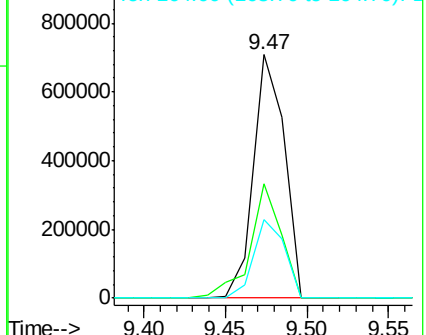
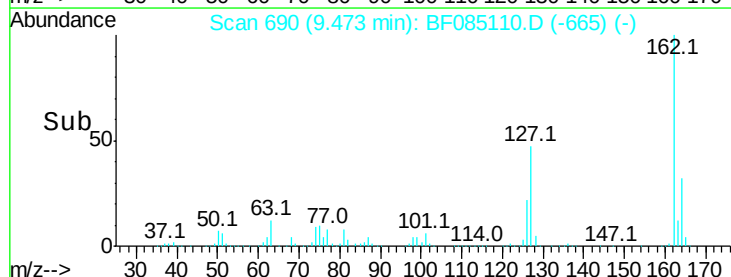
164 32.4 27.2 40.8

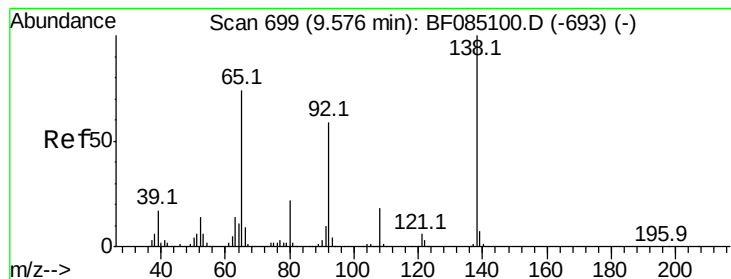


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.76 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

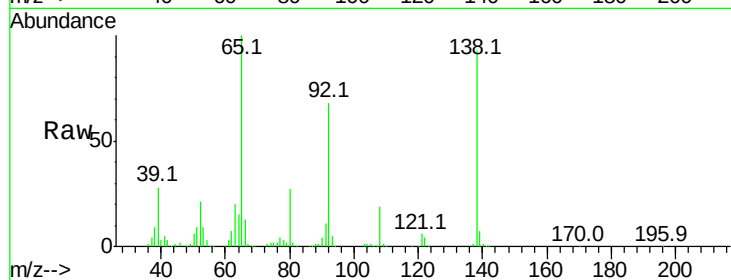
Tot Ion: 65 Resp: 287663

Ion Ratio Lower Upper

65 100

92 67.8 63.8 95.6

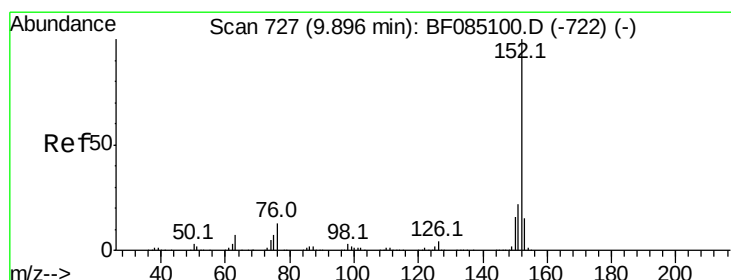
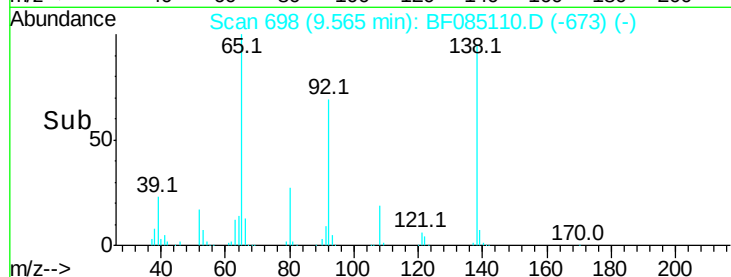
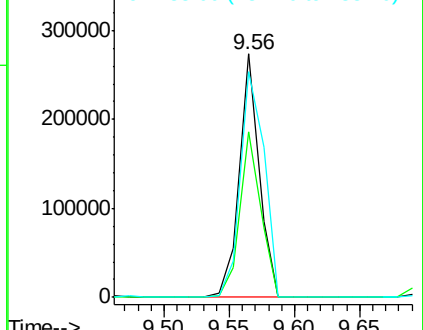
138 92.8 108.5 162.7#



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: 41.88 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

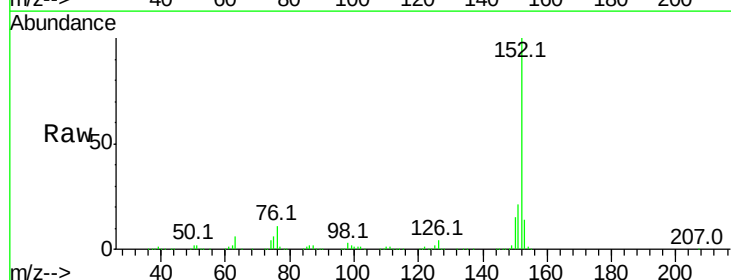
Tgt Ion:152 Resp: 1551488

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.0

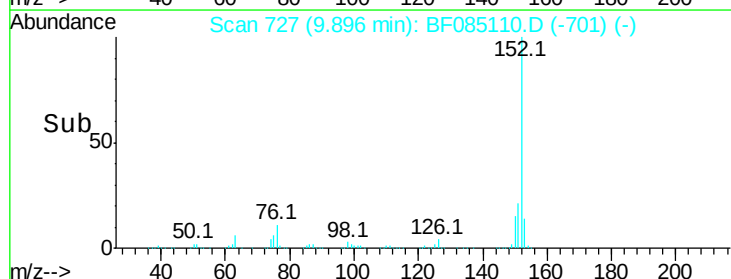
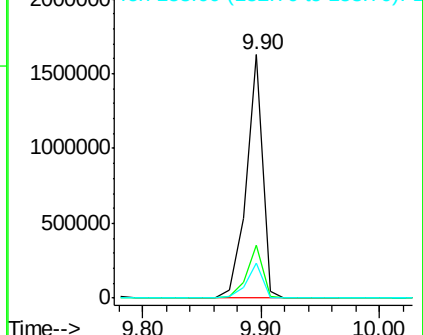
153 14.3 12.0 18.0

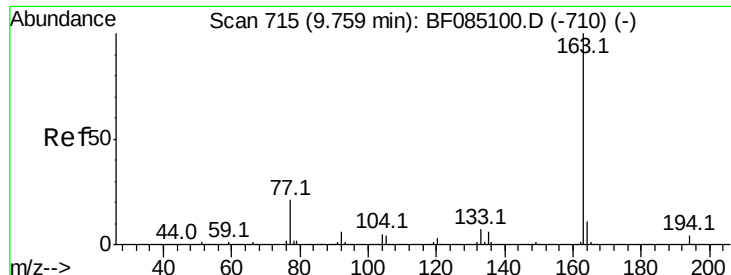


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 37.75 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

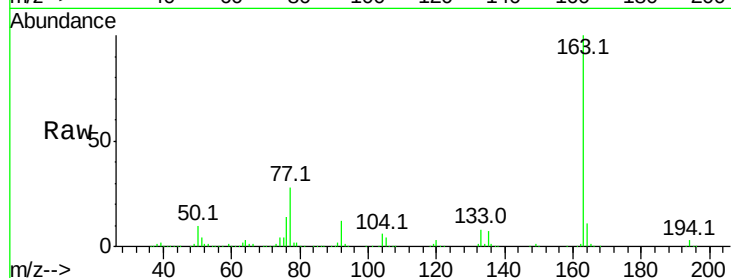
Tot Ion:163 Resp: 1077455

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

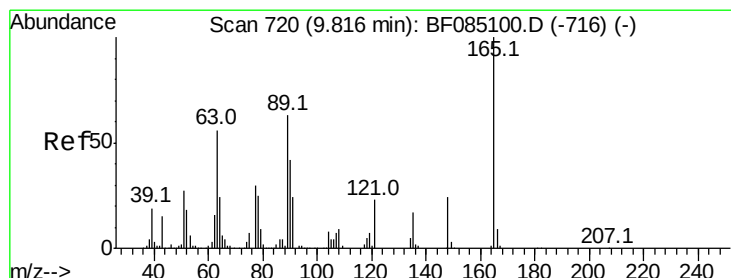
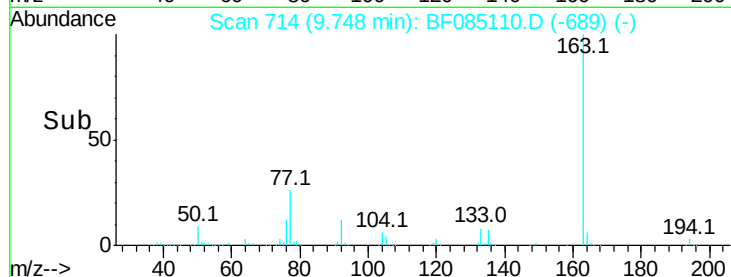
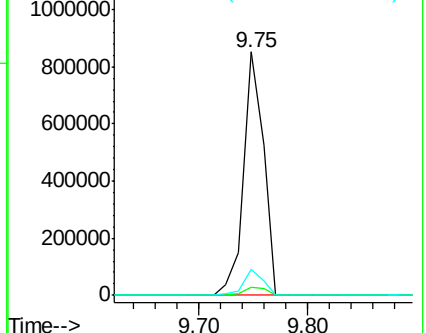
164 10.8 8.6 12.8



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: 43.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

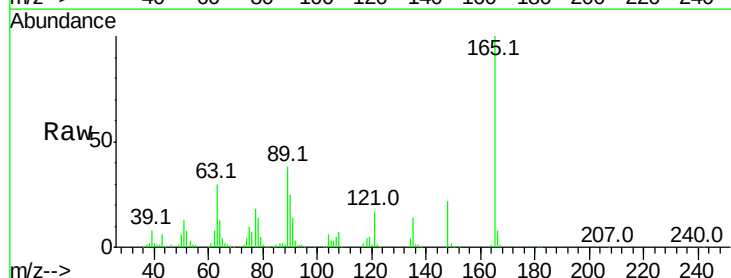
Tgt Ion:165 Resp: 254525

Ion Ratio Lower Upper

165 100

63 29.6 47.4 71.2#

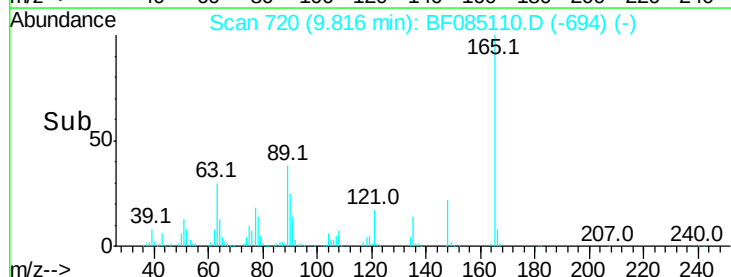
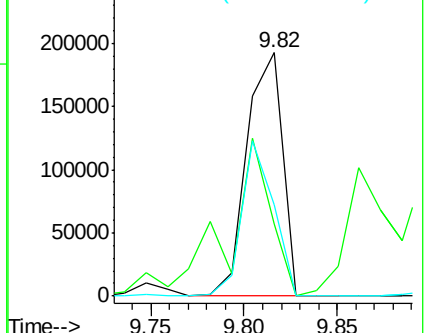
89 37.7 50.2 75.2#

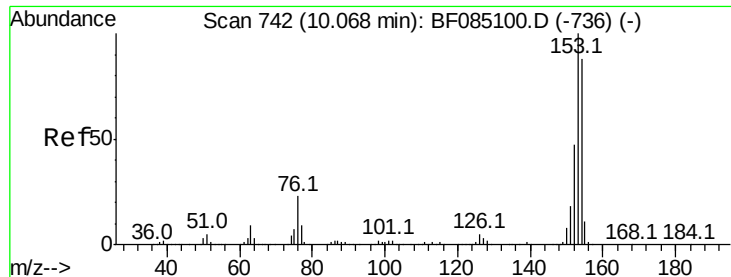


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.92 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

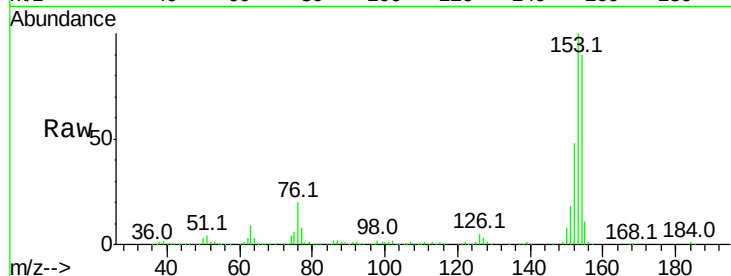
Instrument :

BNA_F

ClientSampled :

Tot Ion:154 Resp: 1044617

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.0	136.6
152	53.0	43.0	64.6

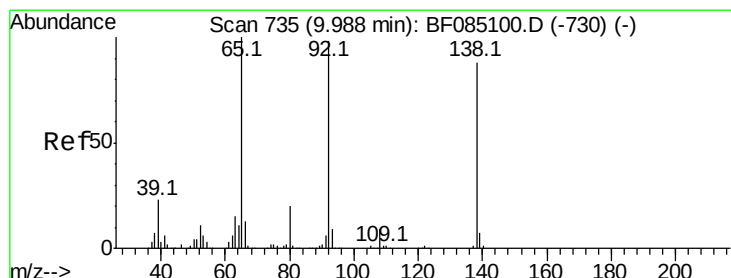
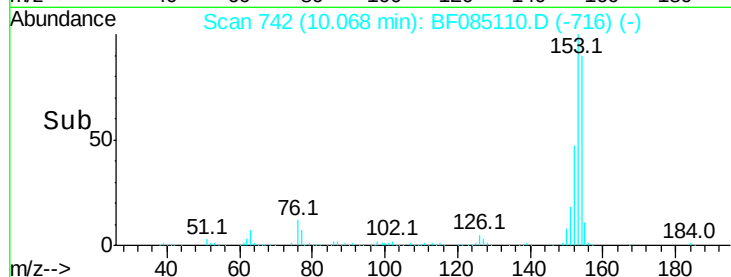


Abundance

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: 22.14 ng

RT: 9.98 min Scan# 734

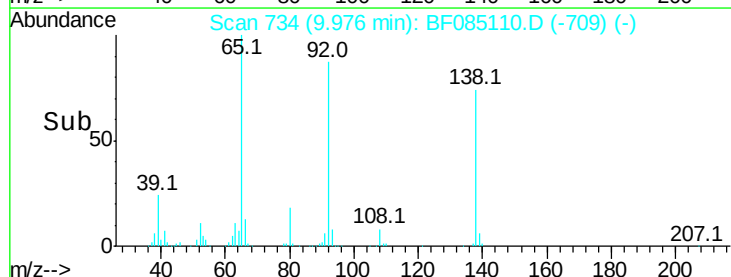
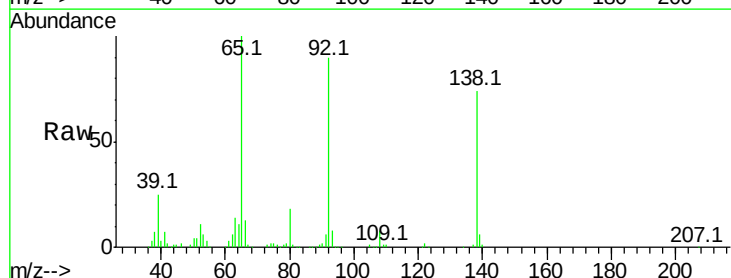
Delta R.T. -0.01 min

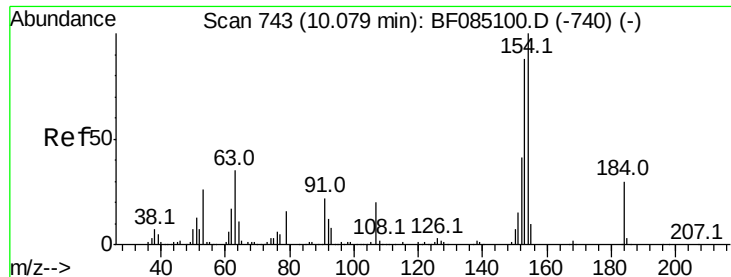
Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:138 Resp: 155663

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.2	12.2
92	121.6	89.0	133.6

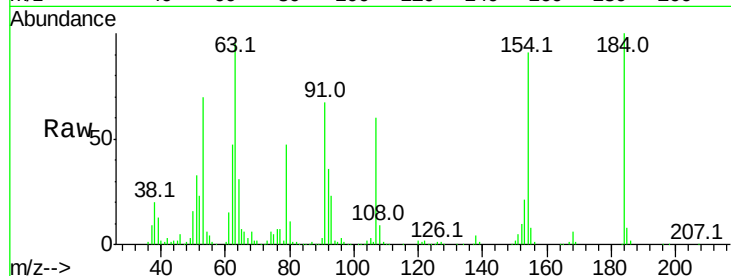




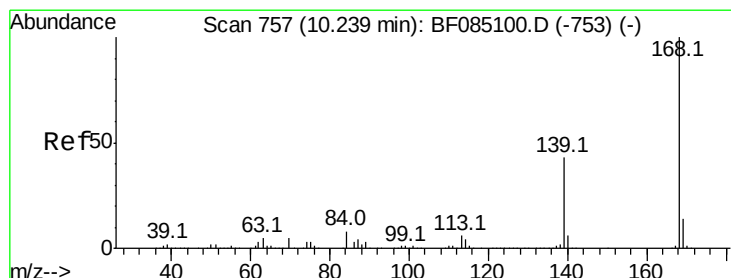
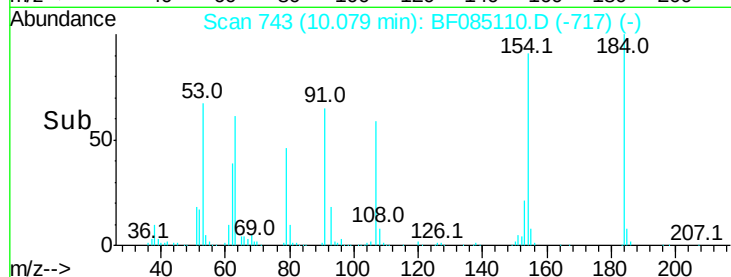
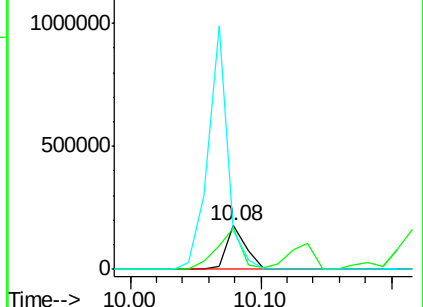
#53
2,4-Dinitrophenol
Concen: 68.97 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 184409
Ion Ratio Lower Upper
184 100
63 95.0 94.0 141.0
154 91.0 269.8 404.8#

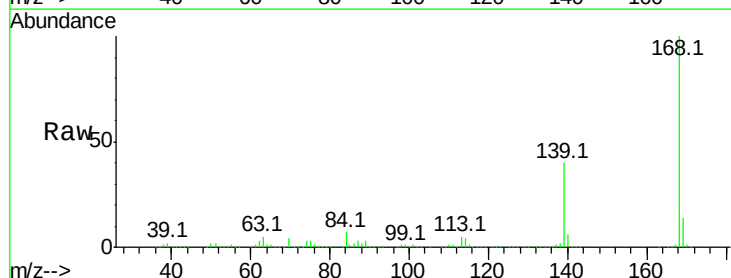


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

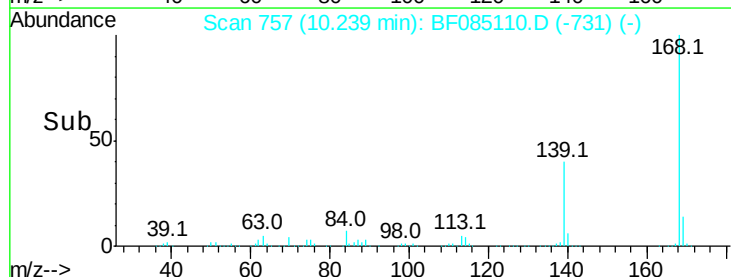
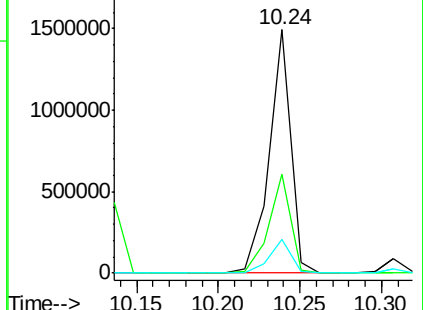


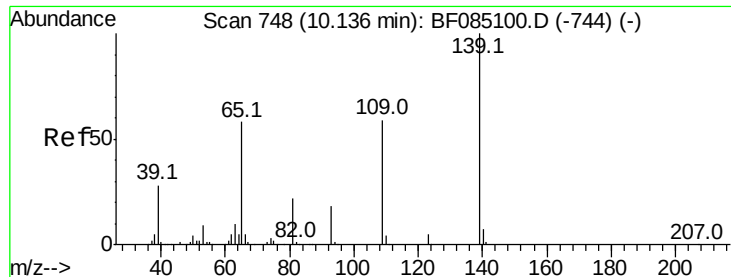
#54
Dibenzofuran
Concen: 45.54 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion:168 Resp: 1374767
Ion Ratio Lower Upper
168 100
139 40.4 34.2 51.2
169 13.8 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: 93.81 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

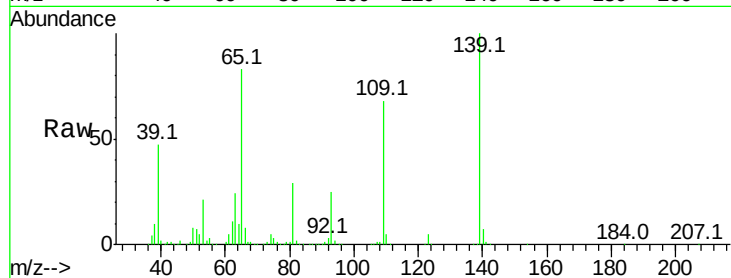
Tot Ion:139 Resp: 506166

Ion Ratio Lower Upper

139 100

109 67.7 39.5 79.5

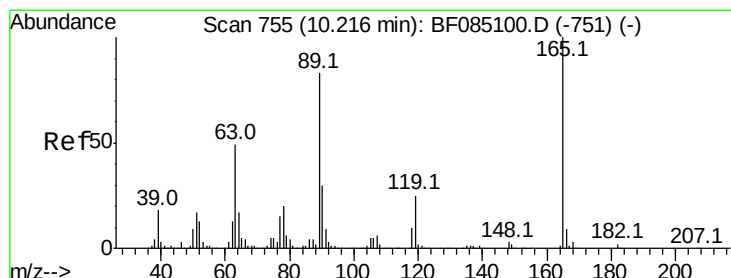
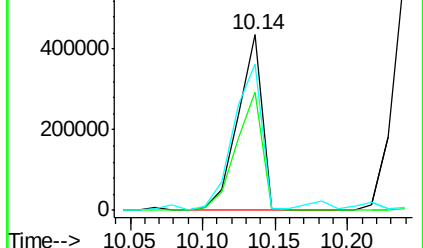
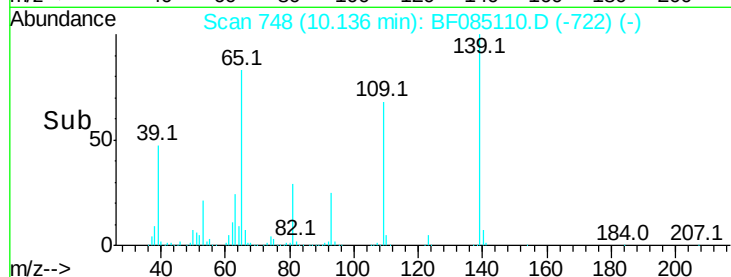
65 83.5 38.4 78.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.02 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:165 Resp: 375067

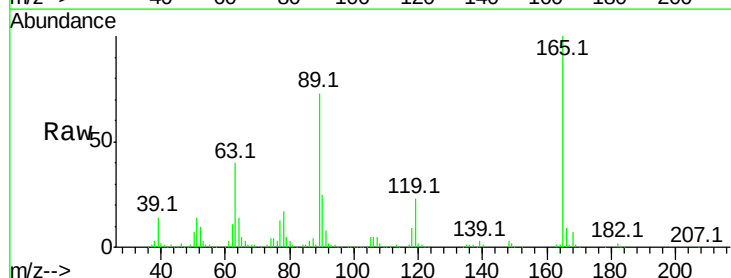
Ion Ratio Lower Upper

165 100

63 40.0 39.2 58.8

89 72.9 66.2 99.4

182 2.5 1.8 2.8

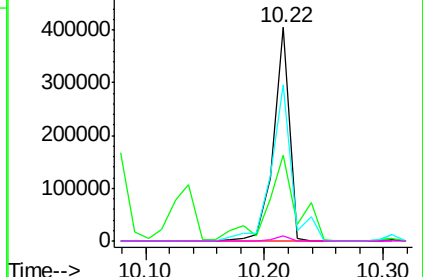
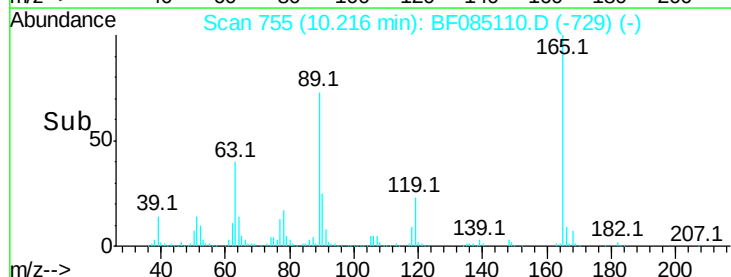


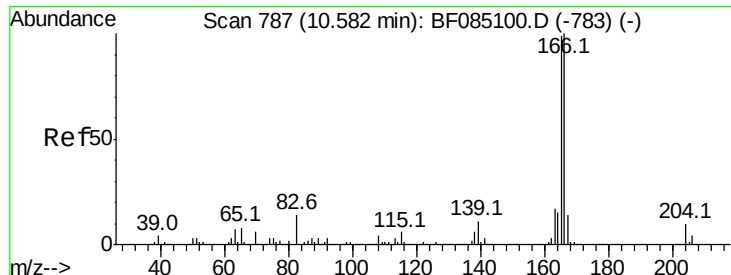
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

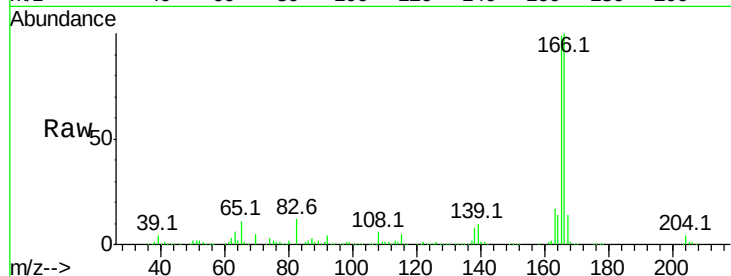




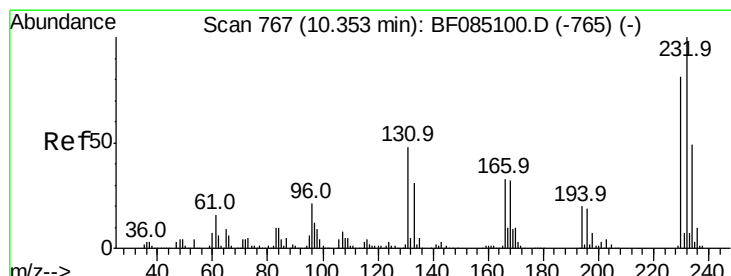
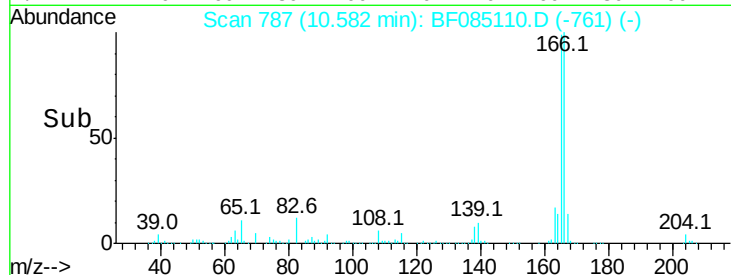
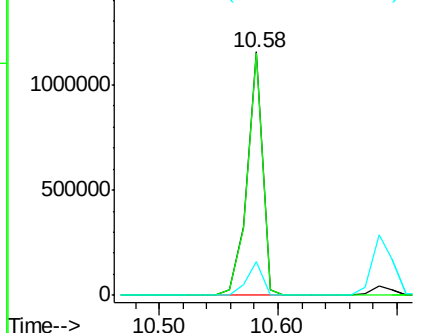
#57
 Fluorene
 Concen: 44.48 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1056091
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.4 119.2
 167 13.6 11.2 16.8



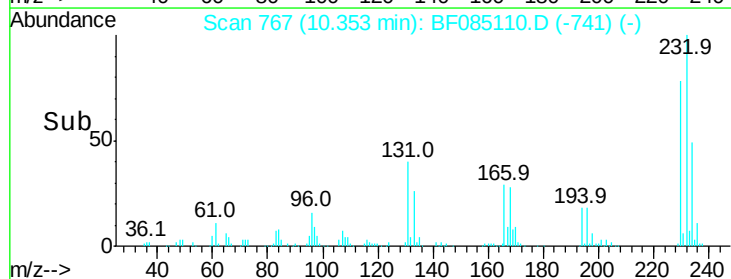
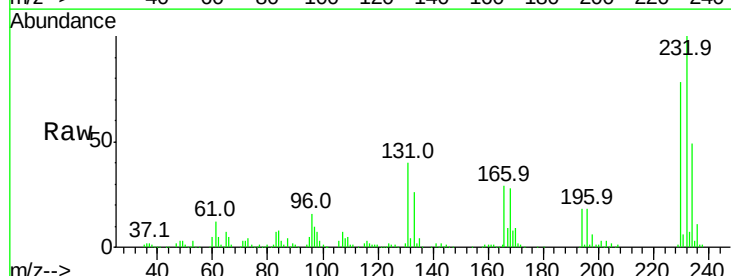
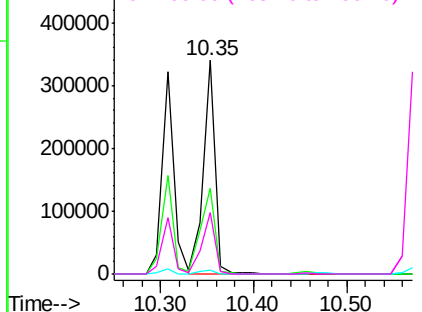
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

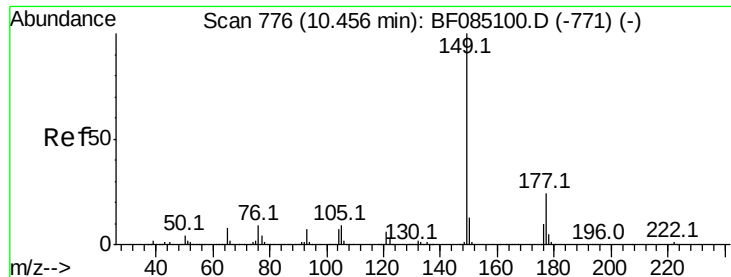


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.56 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion:232 Resp: 304557
 Ion Ratio Lower Upper
 232 100
 131 48.3 41.6 62.4
 130 2.4 2.1 3.1
 166 31.4 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

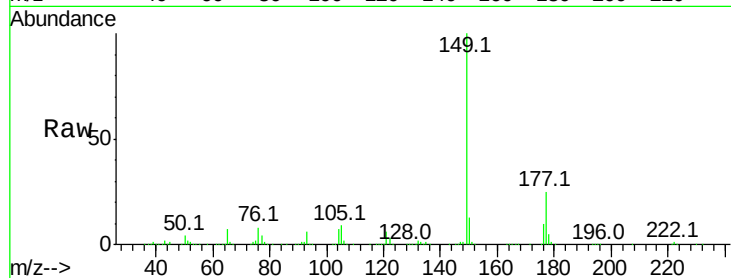




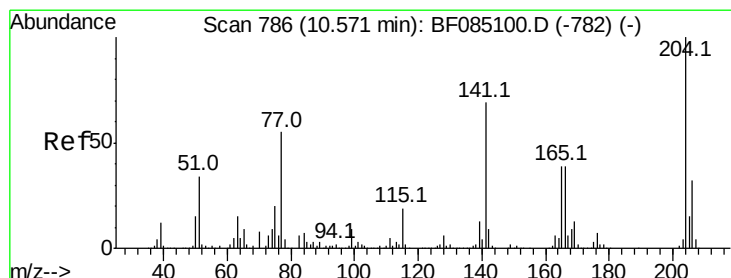
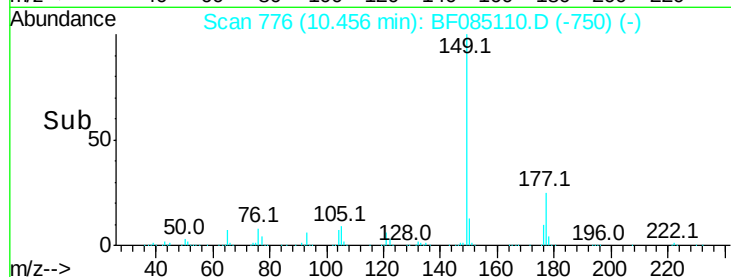
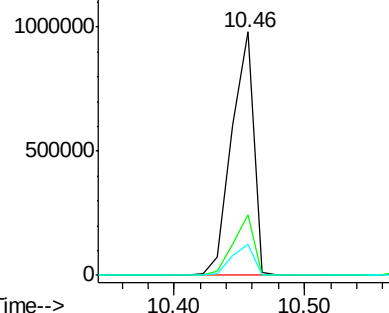
#59
Diethylphthalate
Concen: 41.99 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1148777
Ion Ratio Lower Upper
149 100
177 24.6 19.4 29.2
150 12.7 10.1 15.1

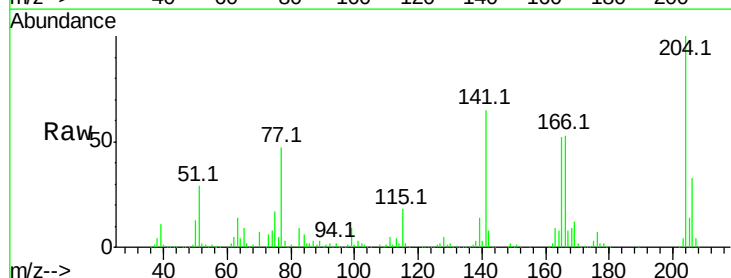


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

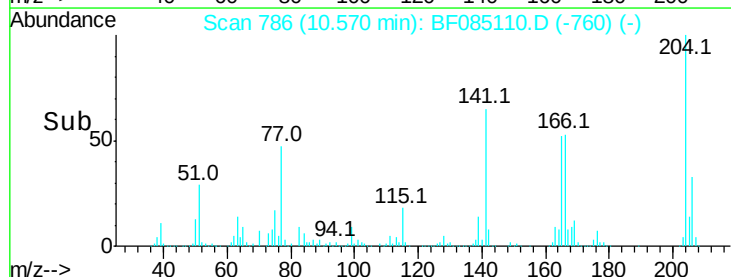
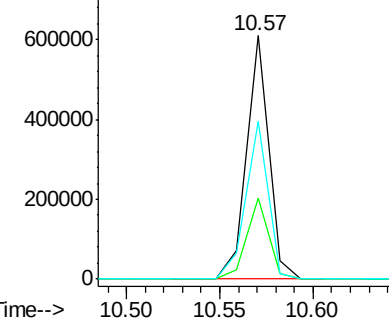


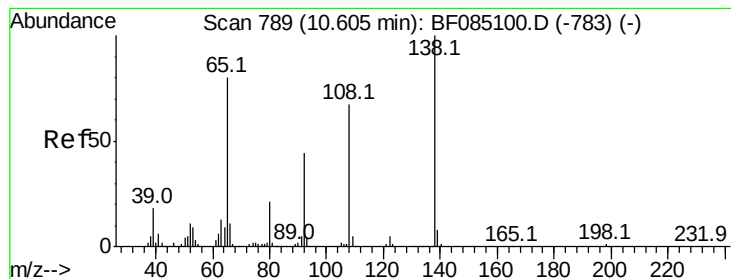
#60
4-Chlorophenyl-phenylether
Concen: 40.83 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion:204 Resp: 499640
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 65.1 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: 40.00 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

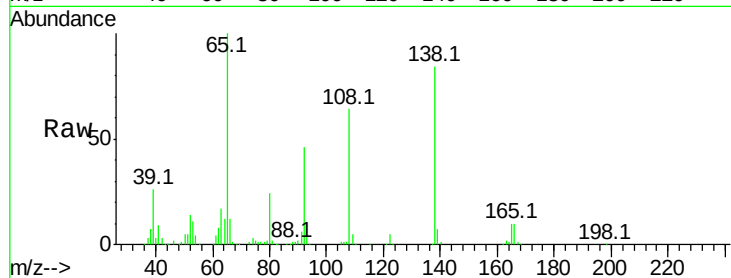
Tot Ion:138 Resp: 263656

Ion Ratio Lower Upper

138 100

92 55.4 23.5 63.5

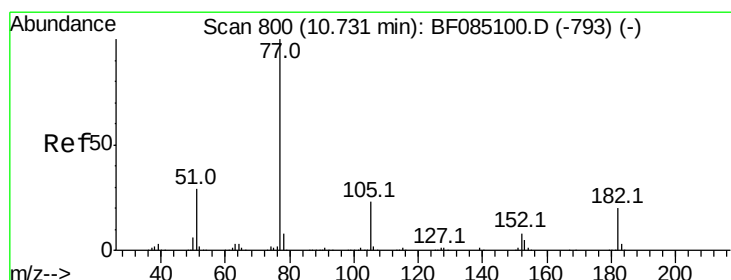
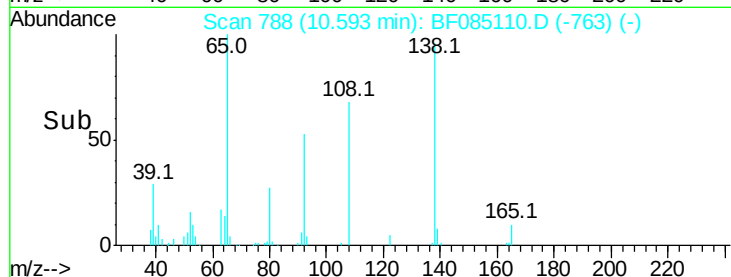
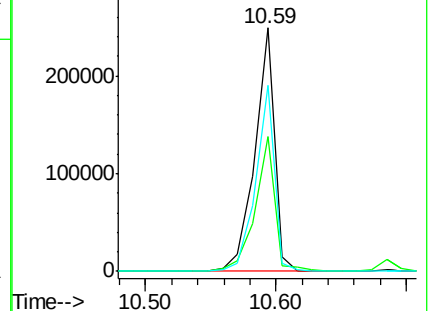
108 76.7 46.8 86.8



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: 47.26 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion: 77 Resp: 1306196

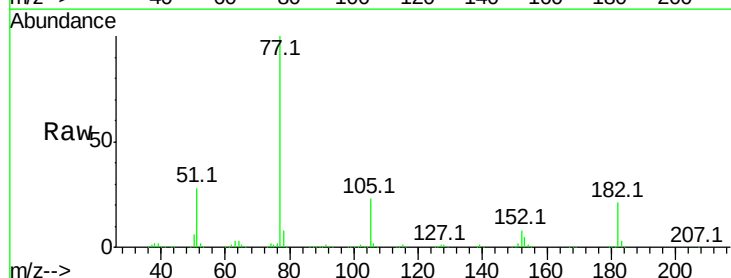
Ion Ratio Lower Upper

77 100

182 21.2 0.0 39.8

105 22.9 2.7 42.7

51 28.1 9.4 49.4

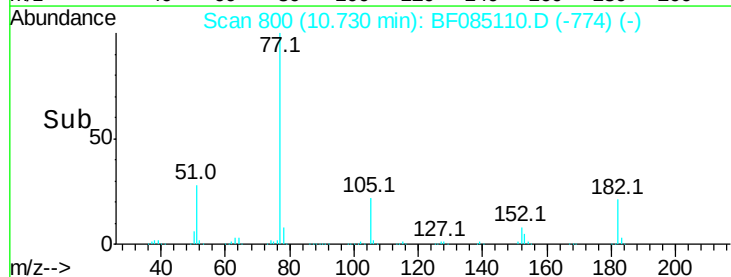
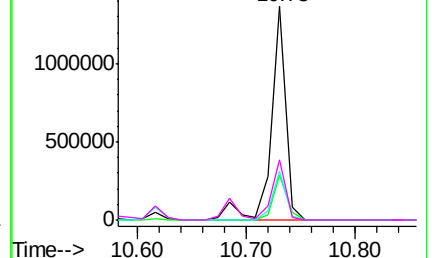


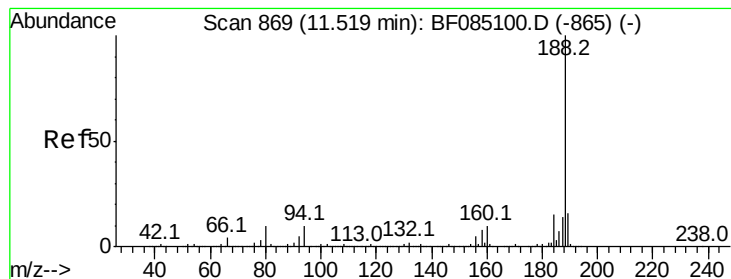
Abundance Ion 77.00 (76.70 to 77.70): BF0

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# 869

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

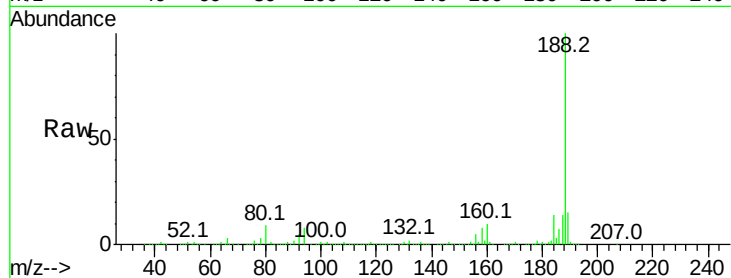
Tot Ion:188 Resp: 743079

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

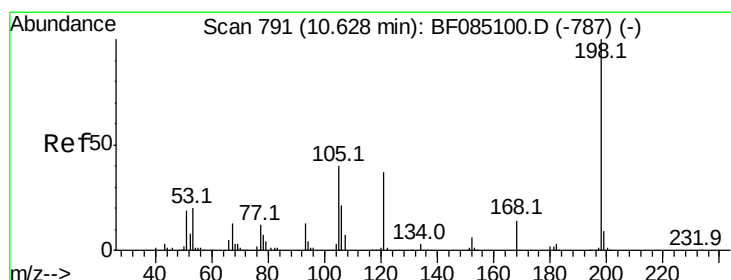
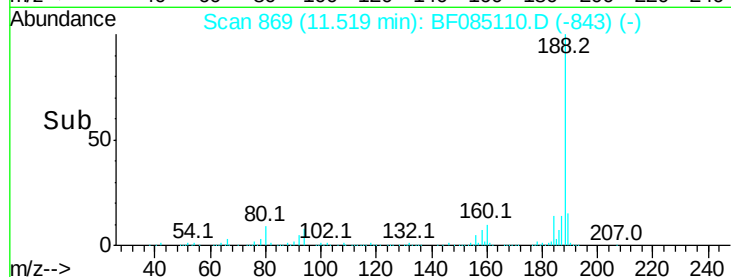
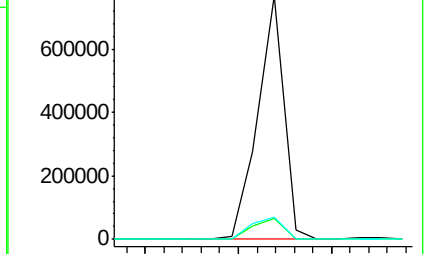
80 8.9 8.2 12.4



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: 36.74 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

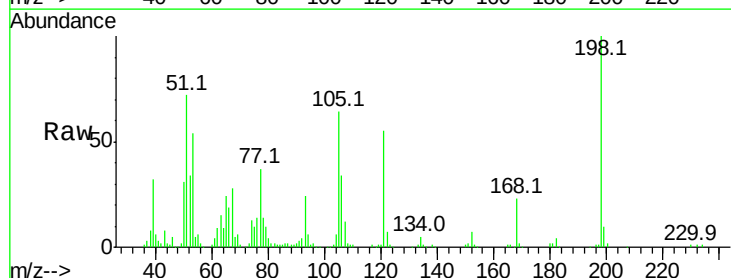
Tgt Ion:198 Resp: 155166

Ion Ratio Lower Upper

198 100

51 72.0 12.5 52.5#

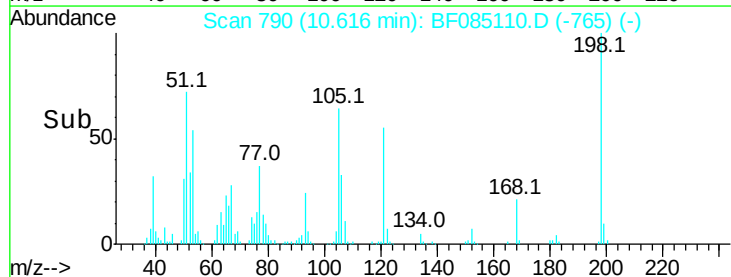
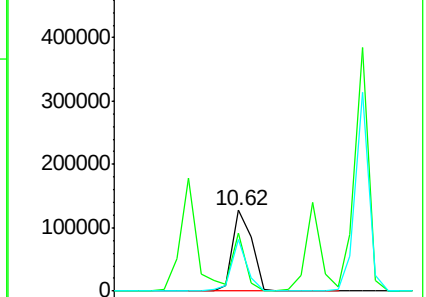
105 63.5 20.2 60.2#

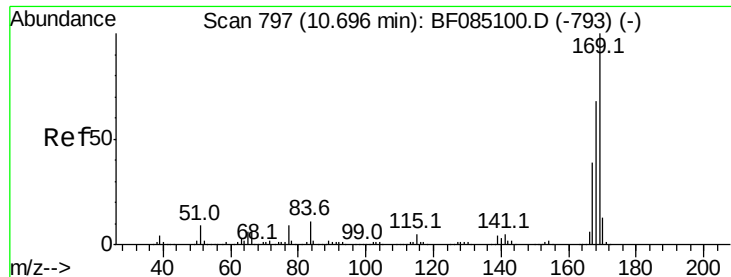


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.90 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

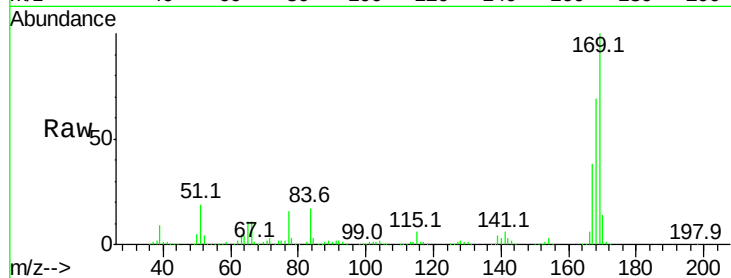
Tot Ion:169 Resp: 911073

Ion Ratio Lower Upper

169 100

168 68.6 54.6 81.8

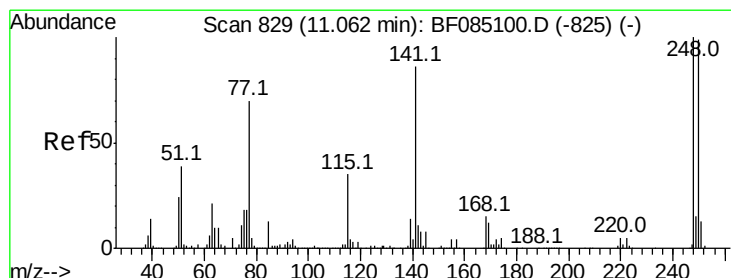
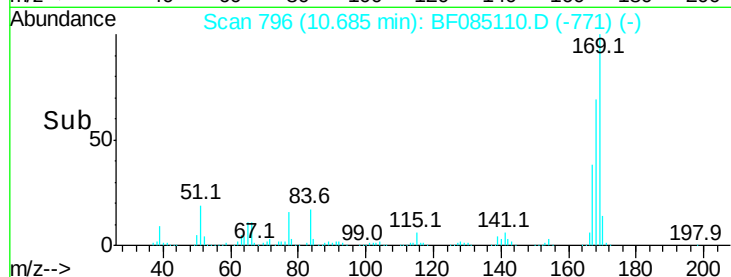
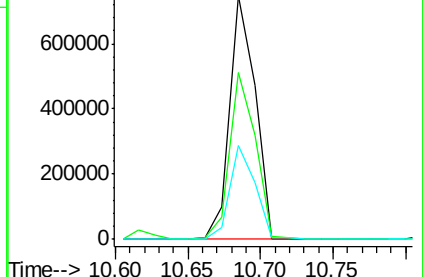
167 38.4 30.8 46.2



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: 43.11 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

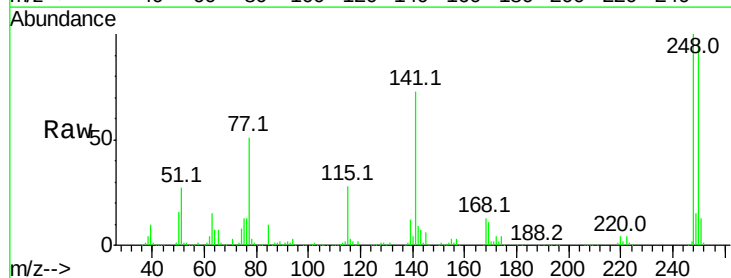
Tgt Ion:248 Resp: 336372

Ion Ratio Lower Upper

248 100

250 96.3 79.0 118.4

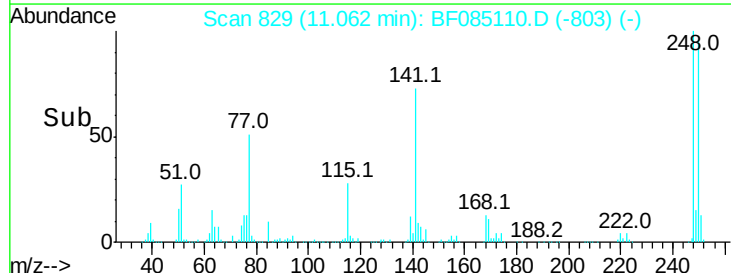
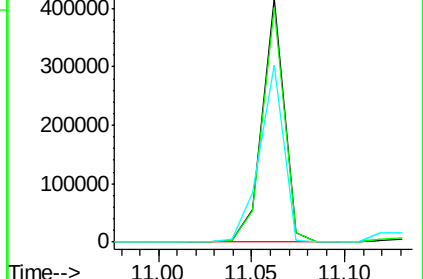
141 72.5 68.6 103.0

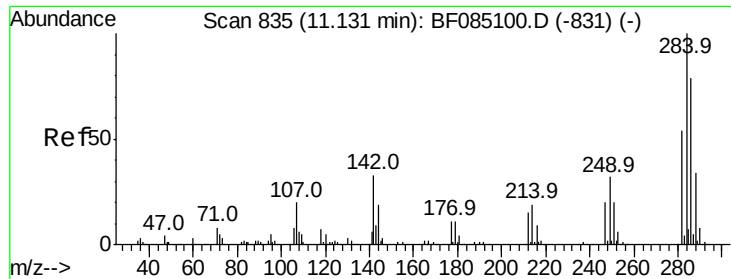


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.96 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

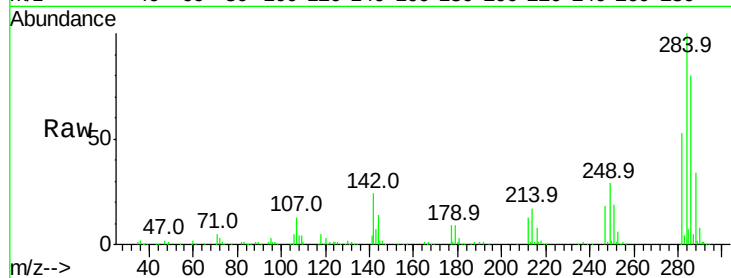
Tot Ion:284 Resp: 378369

Ion Ratio Lower Upper

284 100

142 23.7 26.3 39.5#

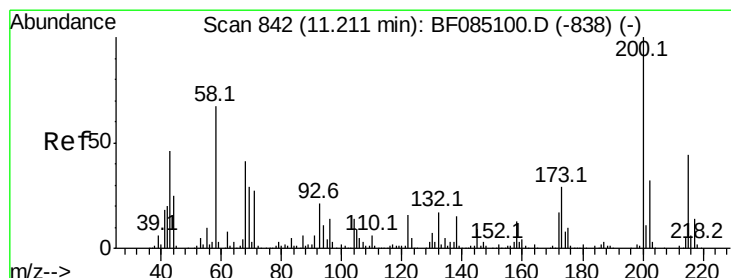
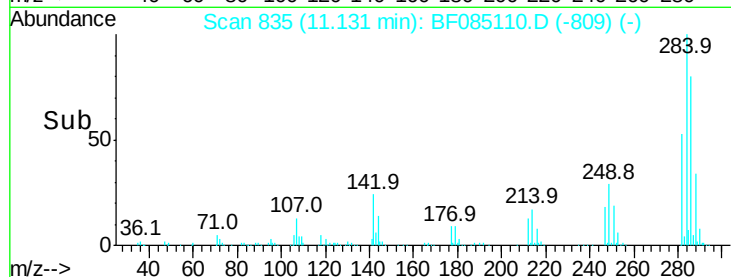
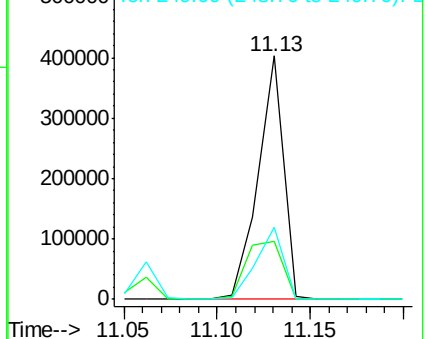
249 29.4 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.74 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

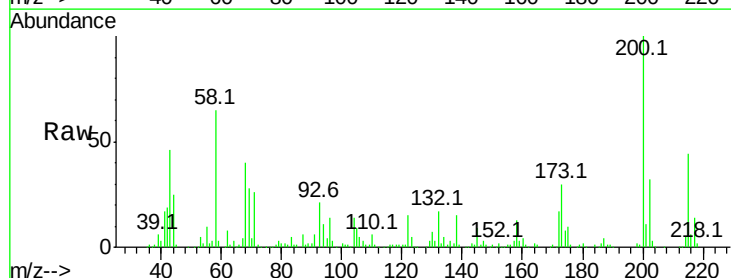
Tgt Ion:200 Resp: 283920

Ion Ratio Lower Upper

200 100

173 29.7 9.4 49.4

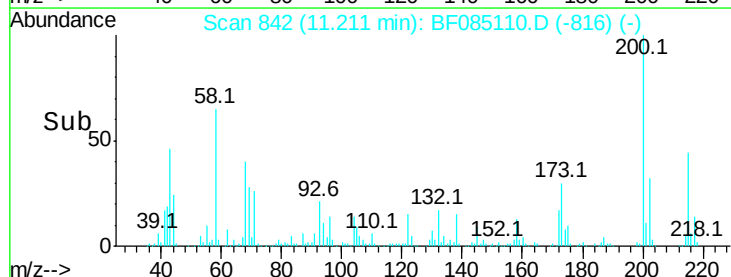
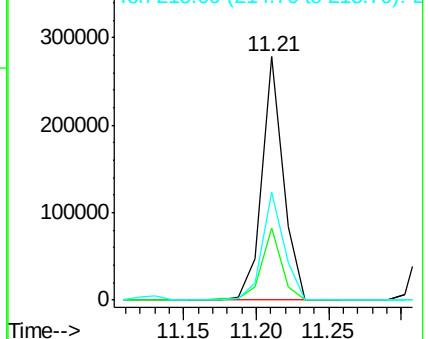
215 44.4 23.6 63.6

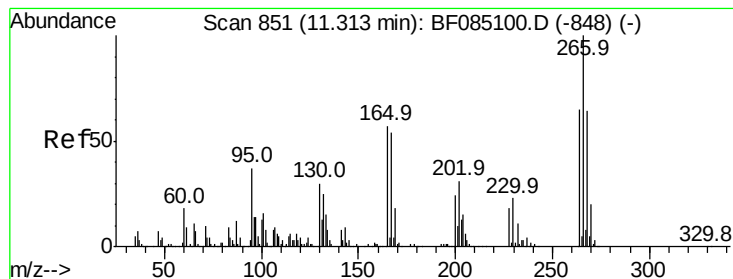


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 79.44 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :
BNA_F
ClientSampled :

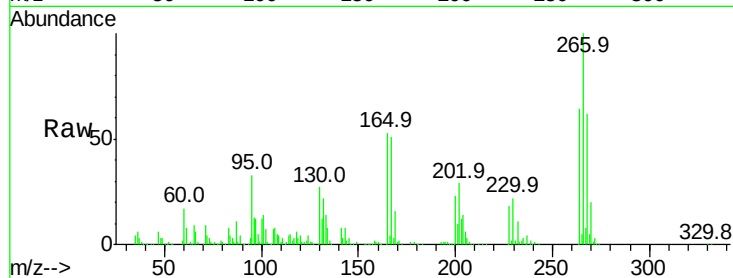
Tot Ion:266 Resp: 410576

Ion Ratio Lower Upper

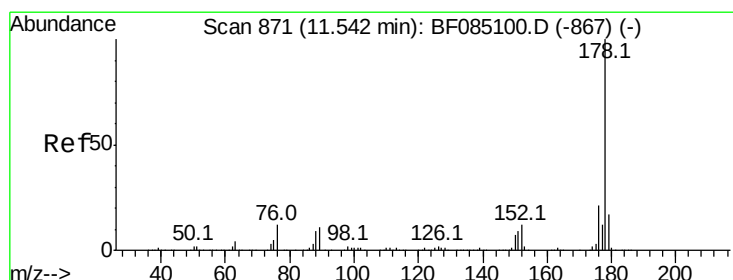
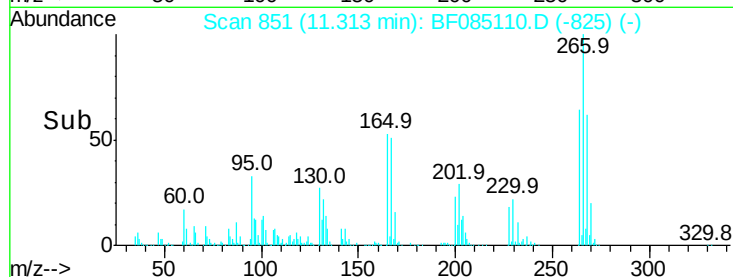
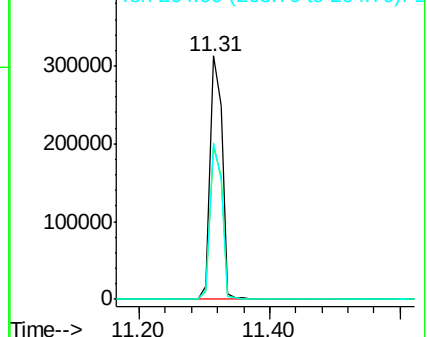
266 100

268 62.5 51.0 76.6

264 64.3 52.3 78.5



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



#70

Phenanthrene

Concen: 42.50 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

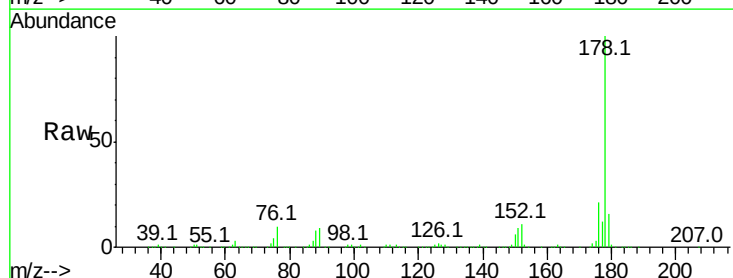
Tgt Ion:178 Resp: 1570749

Ion Ratio Lower Upper

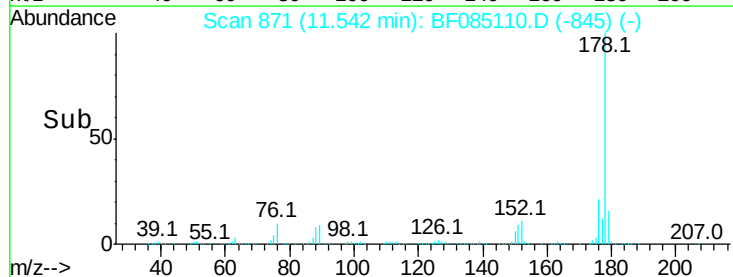
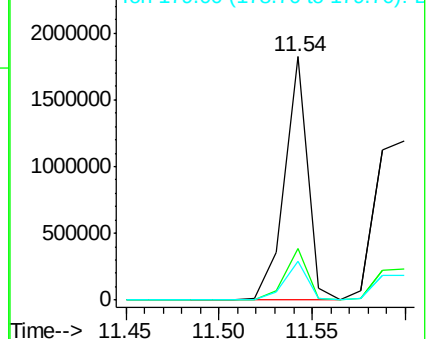
178 100

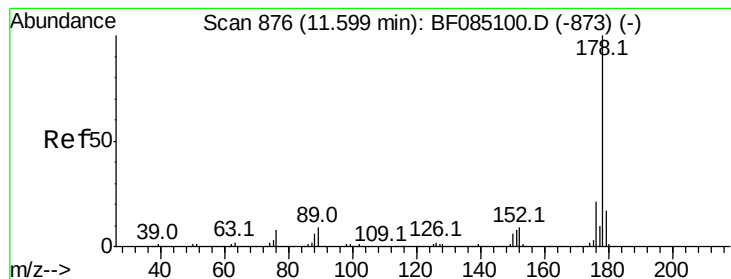
176 21.0 17.0 25.6

179 16.1 13.3 19.9



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





#71

Anthracene

Concen: 39.70 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

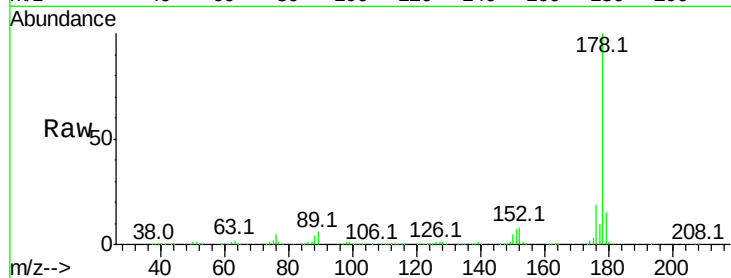
Tot Ion:178 Resp: 1647855

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

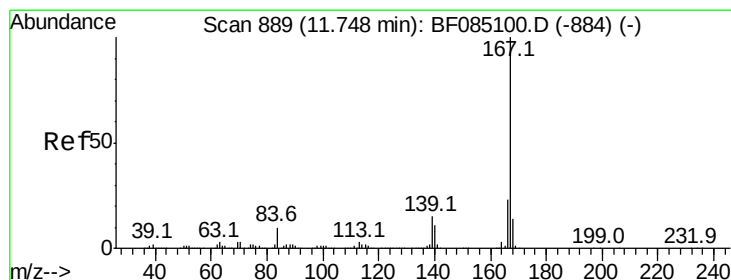
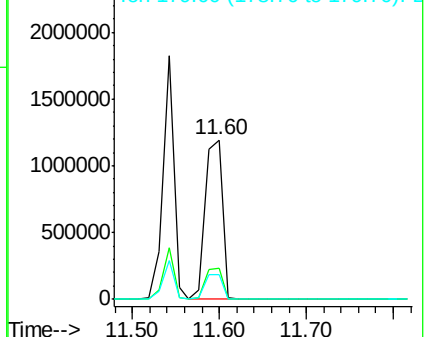
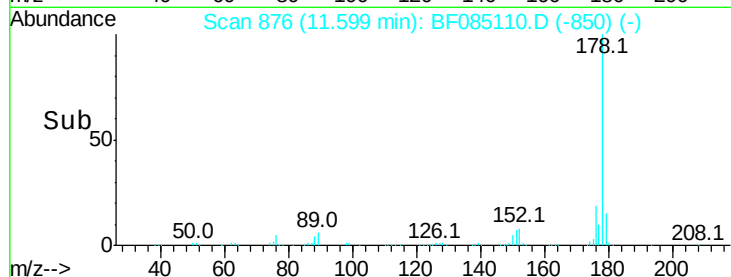
179 15.5 13.2 19.8



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: 43.58 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

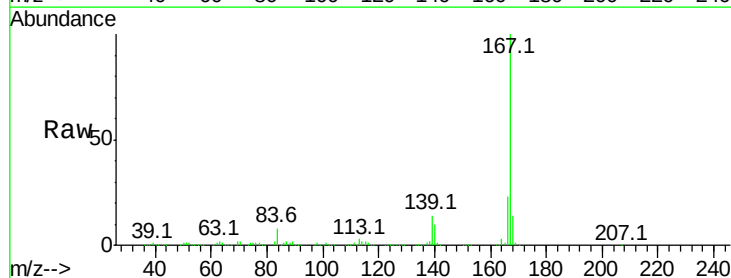
Tgt Ion:167 Resp: 1574203

Ion Ratio Lower Upper

167 100

166 22.6 18.6 28.0

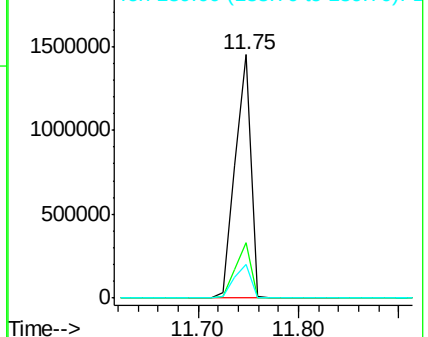
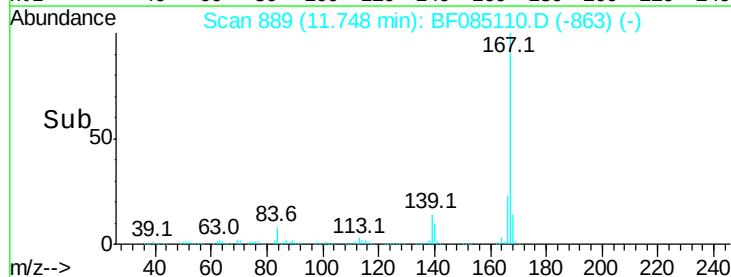
139 13.7 11.8 17.8

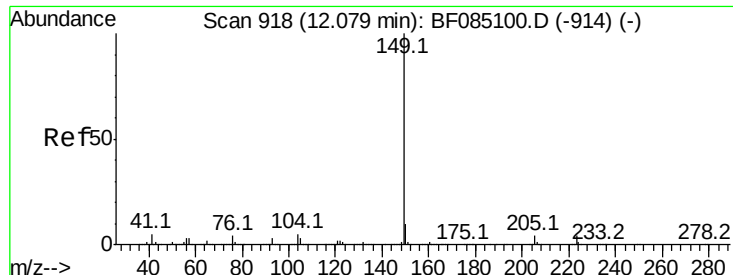


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.75 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

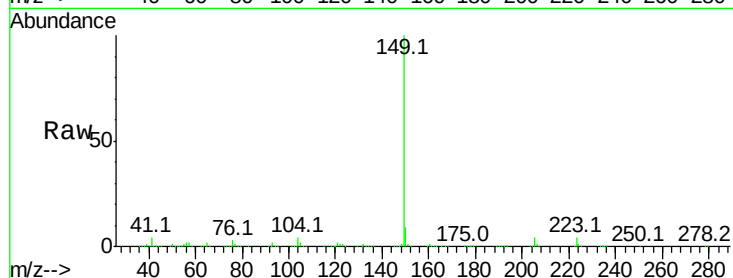
Tot Ion:149 Resp: 1752134

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

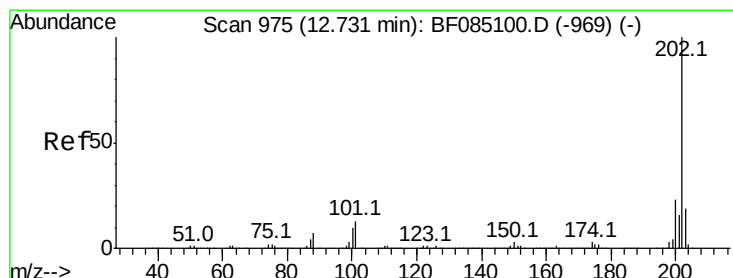
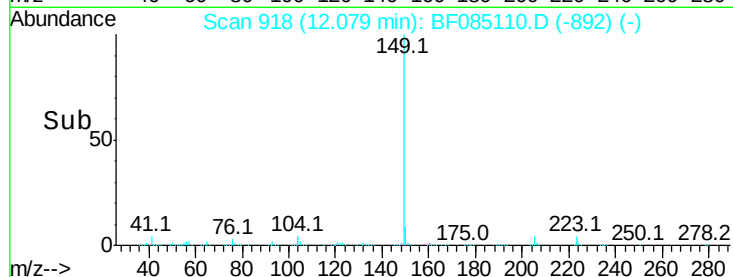
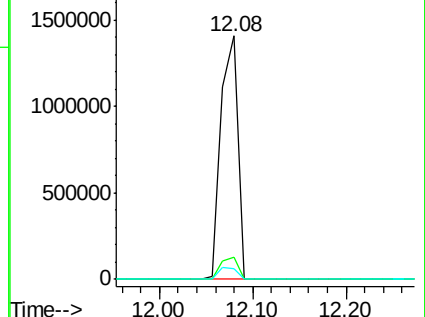
104 4.2 3.7 5.5



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: 43.65 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

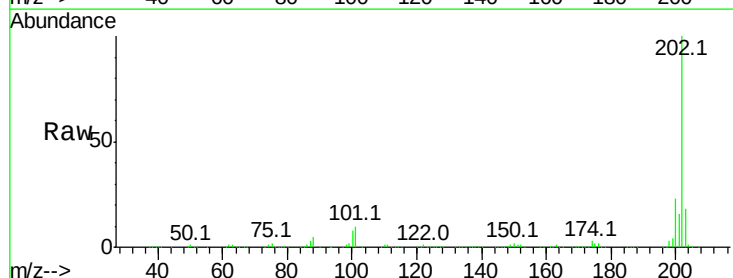
Tgt Ion:202 Resp: 1770535

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.2

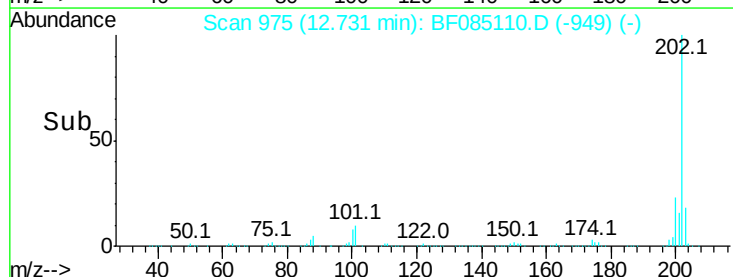
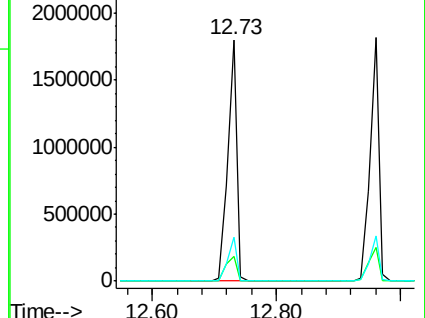
203 18.4 0.0 38.6

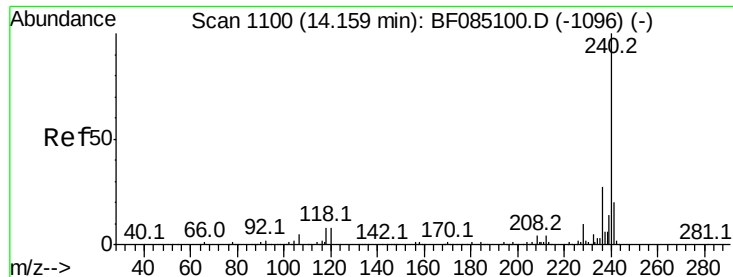


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1100

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

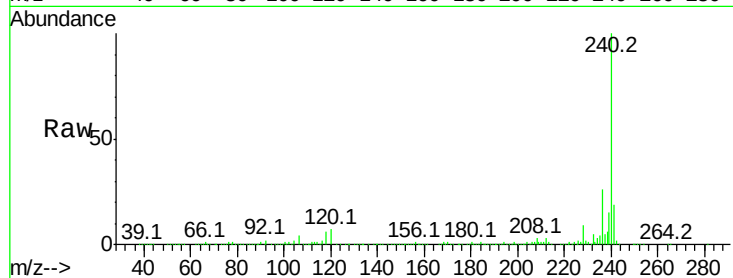
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 611924

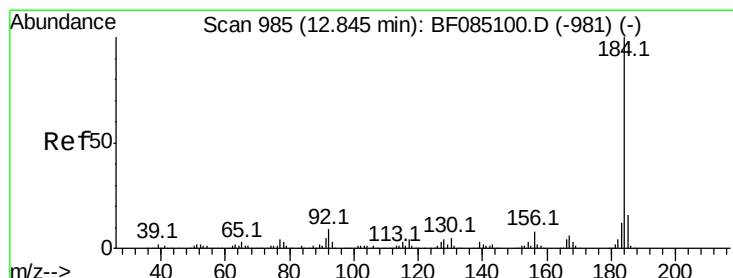
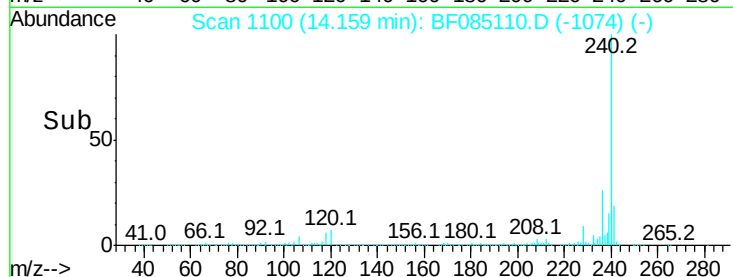
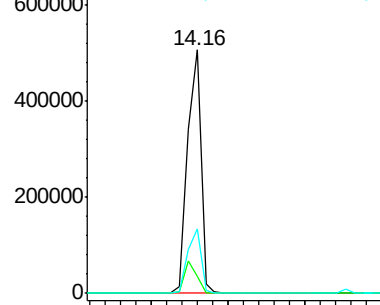
Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.7	10.1
236	26.2	21.6	32.4



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: 27.27 ng

RT: 12.84 min Scan# 985

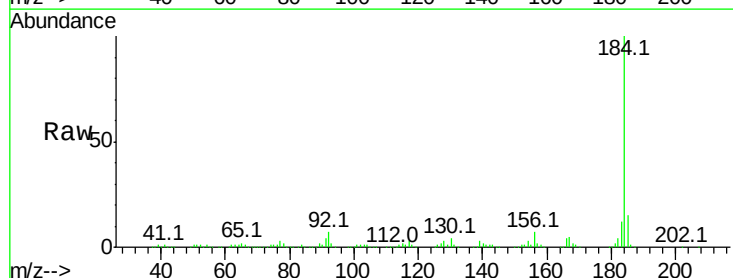
Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Tgt Ion:184 Resp: 504583

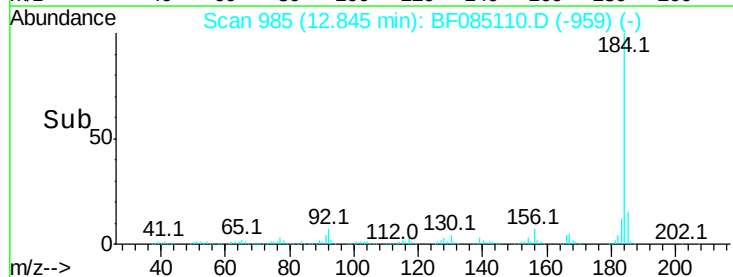
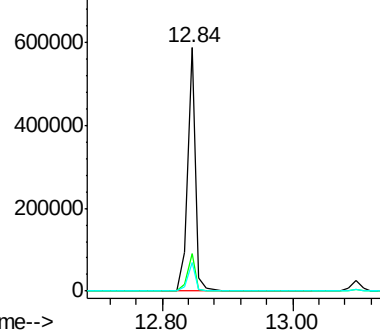
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	11.6	9.5	14.3

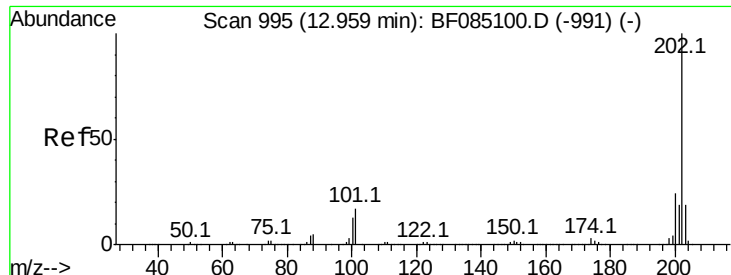


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

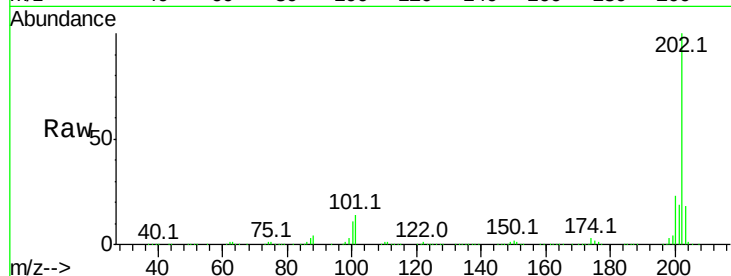




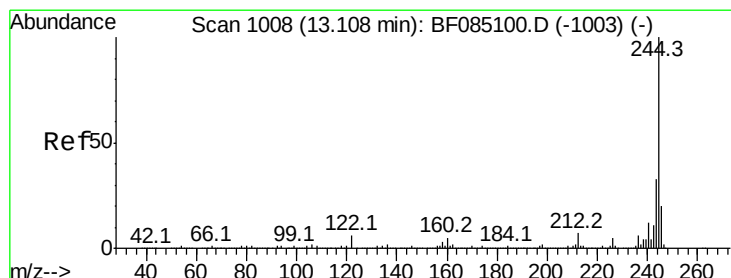
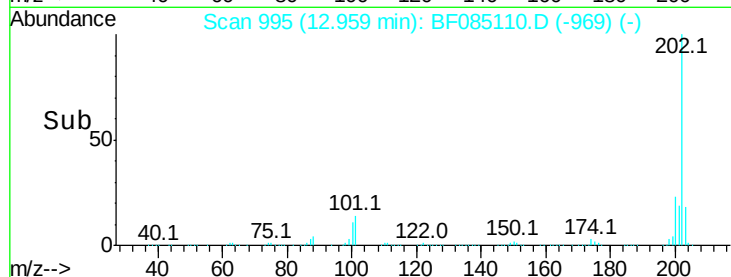
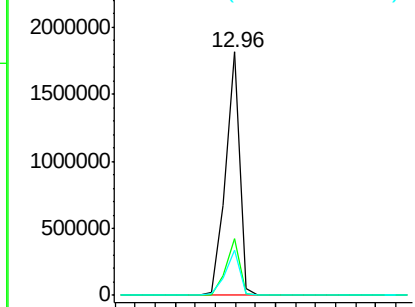
#77
 Pvrene
 Concen: 42.29 ng
 RT: 12.96 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1766440
 Ion Ratio Lower Upper
 202 100
 200 23.1 19.0 28.6
 203 18.3 15.0 22.6

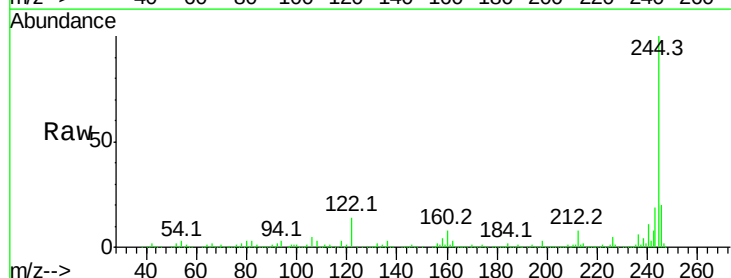


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

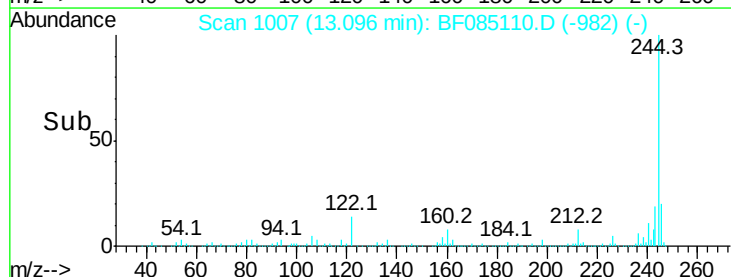
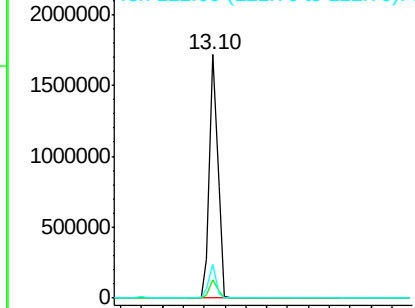


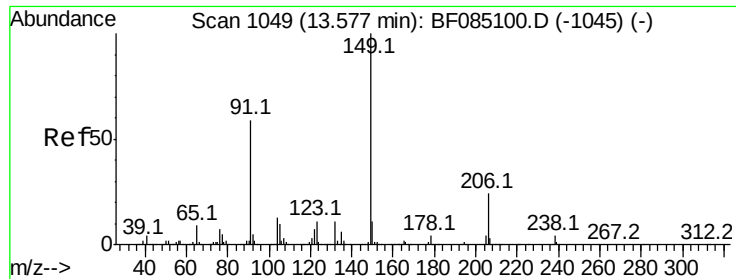
#78
 Terphenyl-d14
 Concen: 73.77 ng
 RT: 13.10 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion:244 Resp: 1924214
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 14.0 5.1 7.7#



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

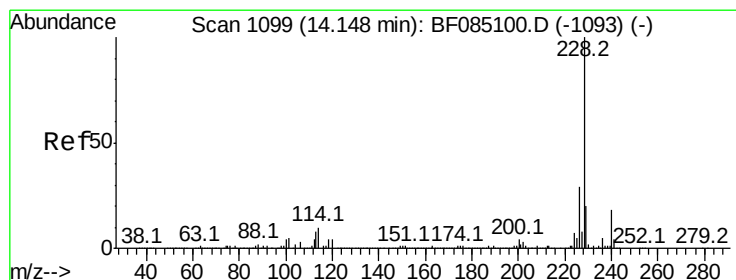
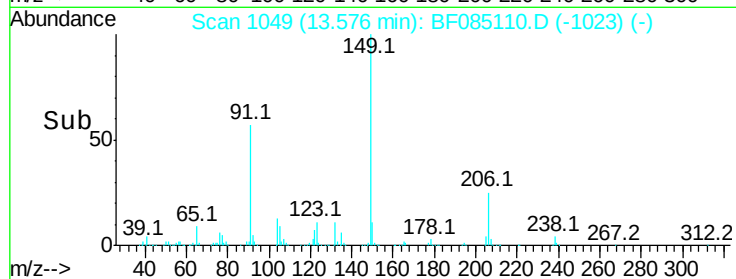
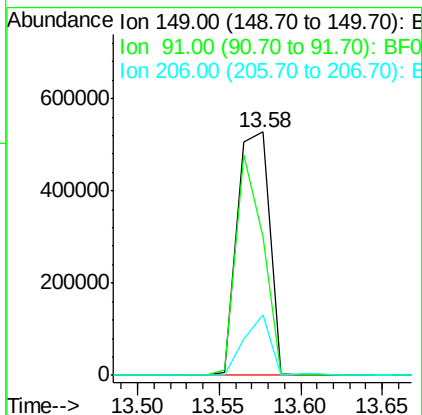
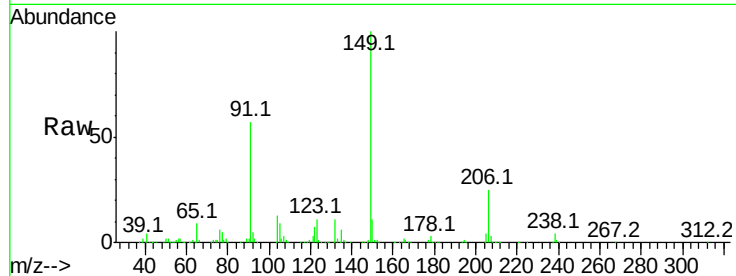




#79
Butylbenzylphthalate
Concen: 40.59 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

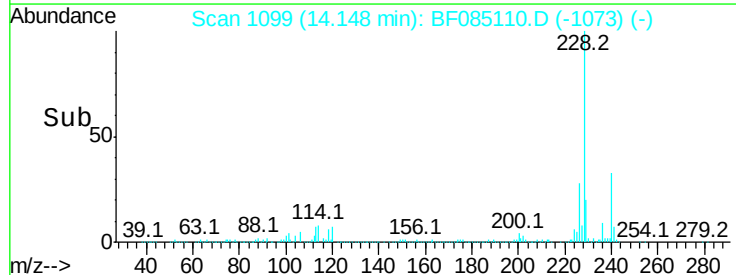
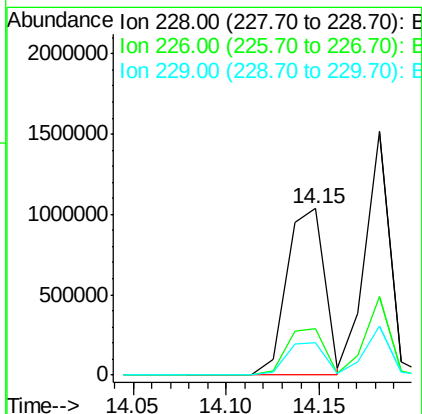
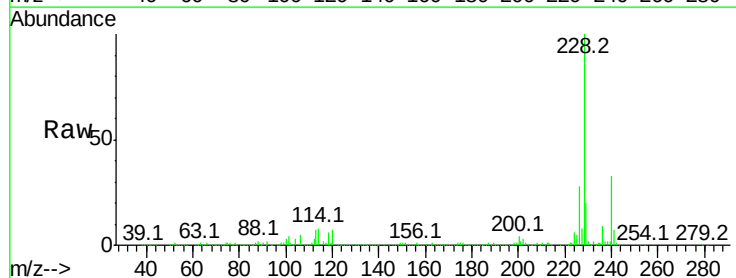
Instrument :
BNA_F
ClientSampleId :

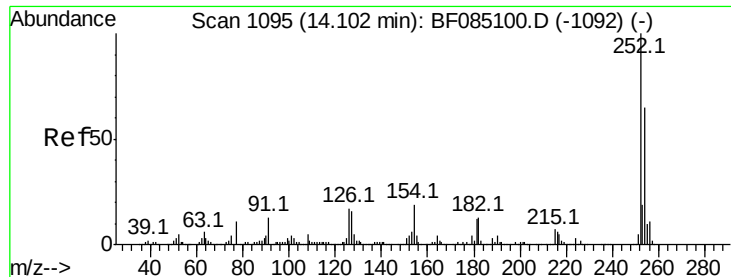
Tot Ion	Ratio	Lower	Upper
149	100		
91	56.8	46.9	70.3
206	24.7	19.0	28.6



#80
Benzo(a)anthracene
Concen: 41.11 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	19.6	16.1	24.1

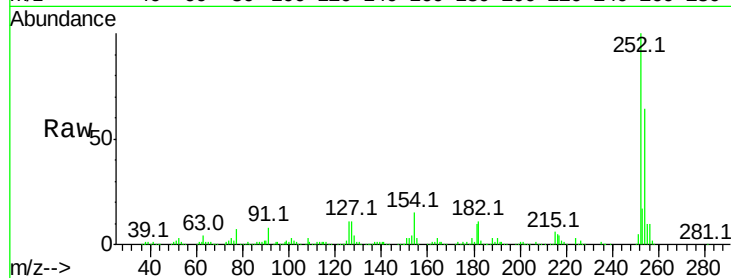




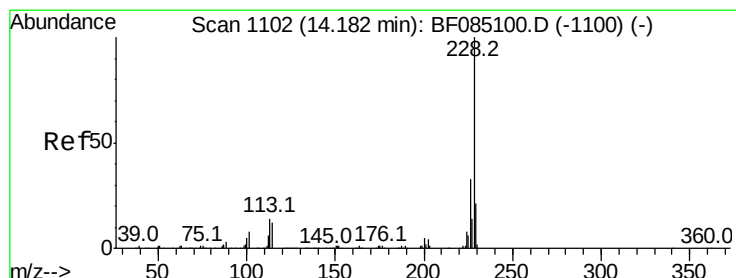
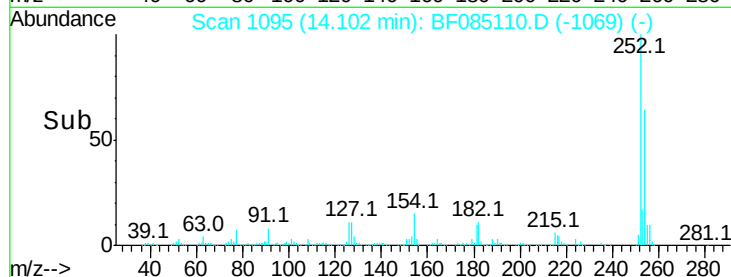
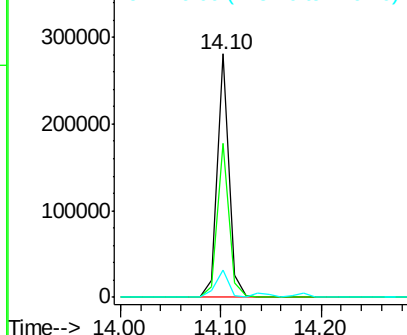
#81
 3,3'-Dichlorobenzidine
 Concen: 20.52 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 227872
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.8 77.6
 126 11.4 13.2 19.8#

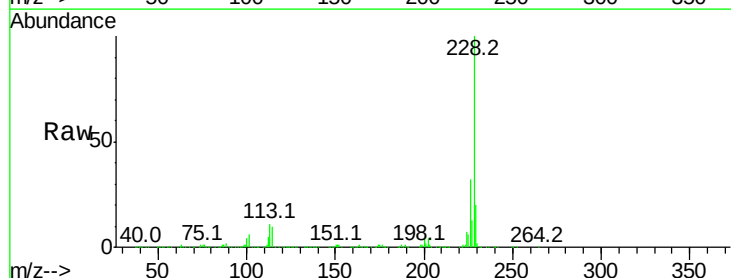


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

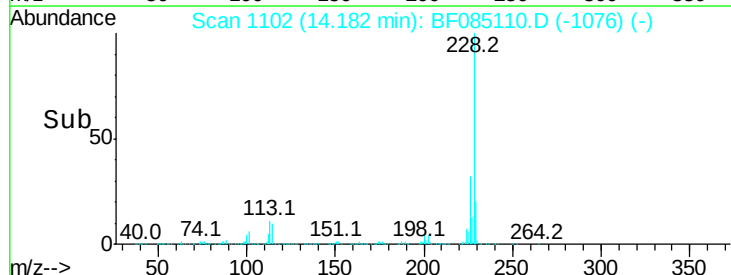
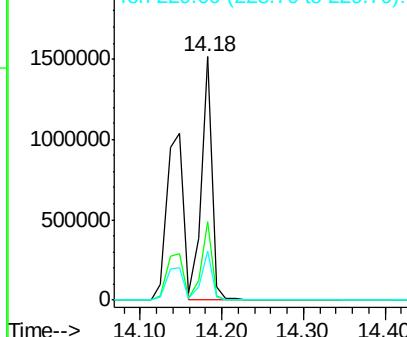


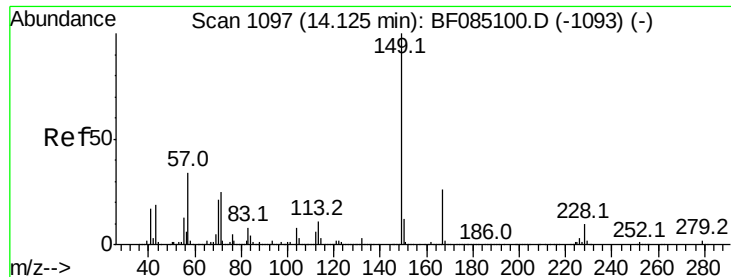
#82
 Chrysene
 Concen: 42.65 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion:228 Resp: 1383704
 Ion Ratio Lower Upper
 228 100
 226 32.2 26.2 39.4
 229 20.3 16.5 24.7



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

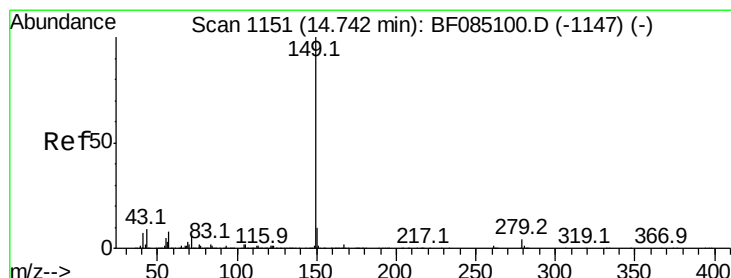
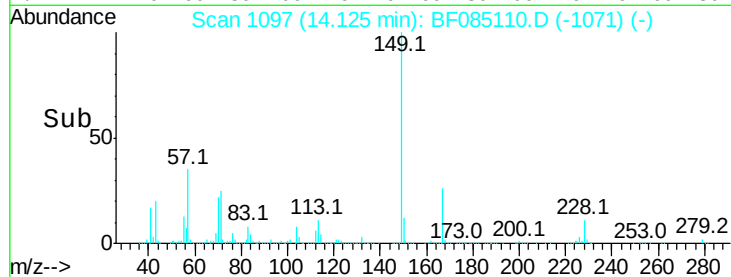
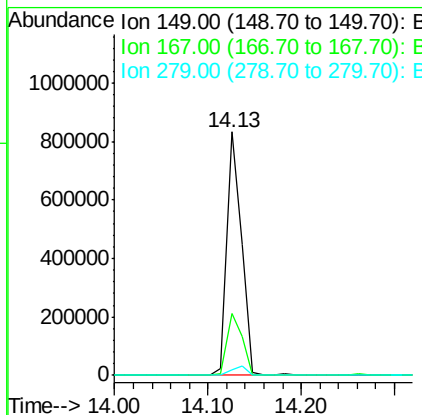
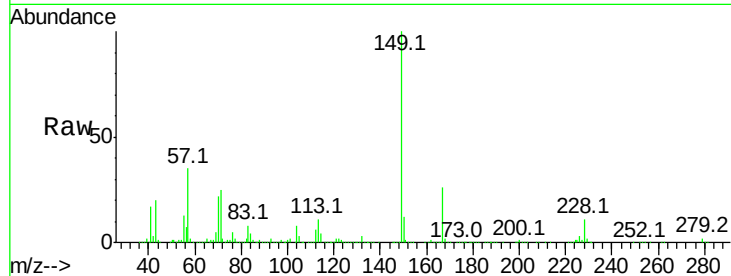




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.50 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

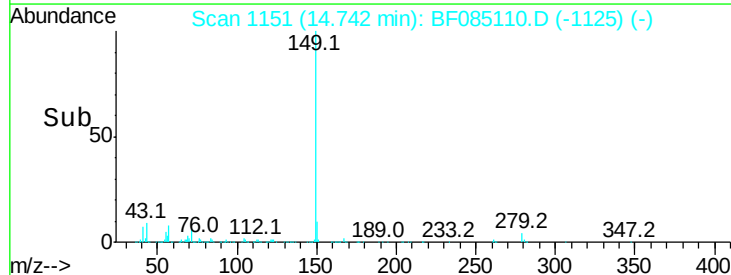
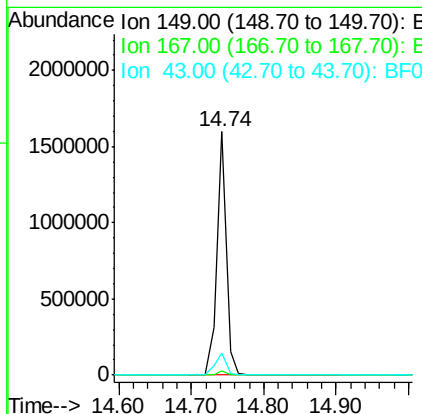
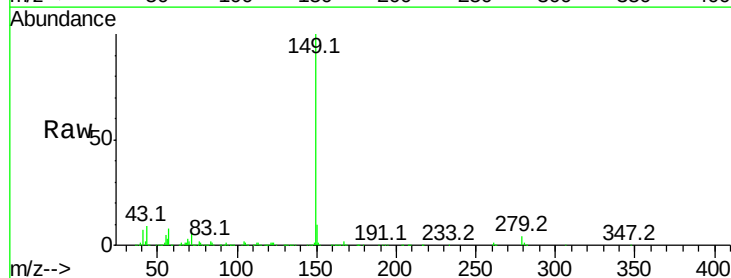
Instrument :
 BNA_F
 ClientSampleId :

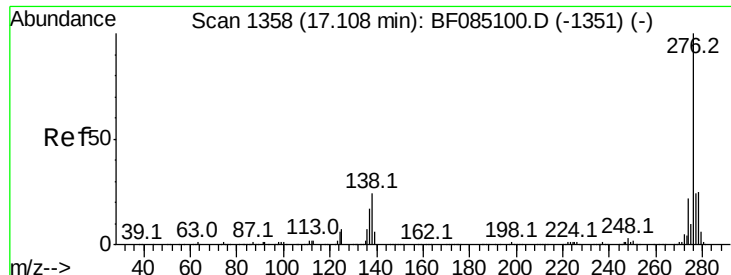
Tot Ion:149 Resp: 908765
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.6 31.0
 279 2.2 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 47.57 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

Tgt Ion:149 Resp: 1442154
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.6 8.8 13.2



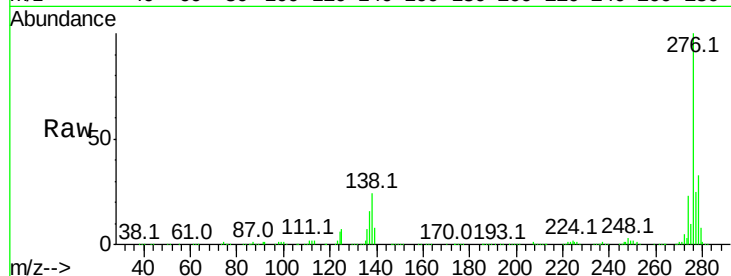


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.84 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

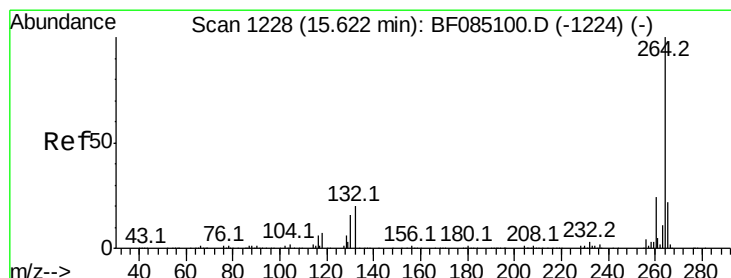
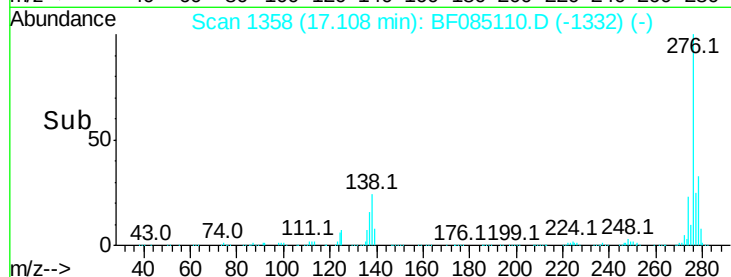
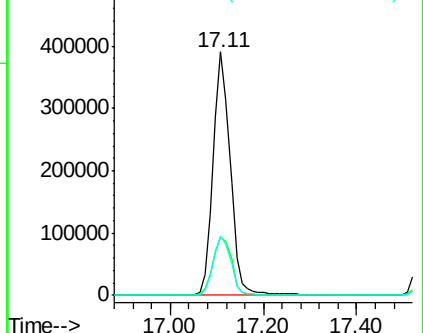
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:276 Resp: 1010714

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.4	32.2
277	25.2	20.1	30.1



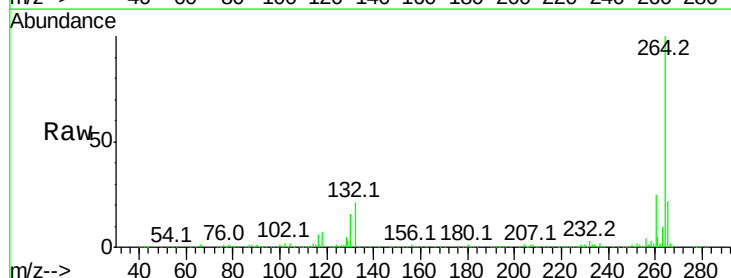
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



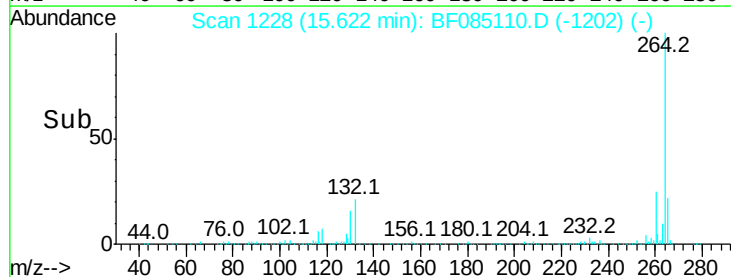
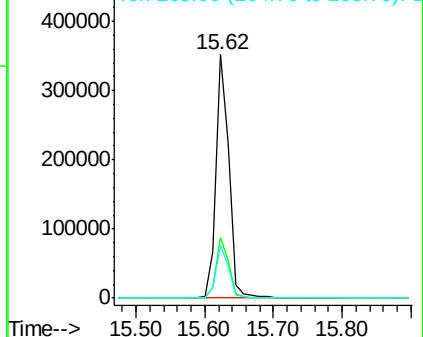
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF085110.D
 Acq: 2 Mar 2016 10:53

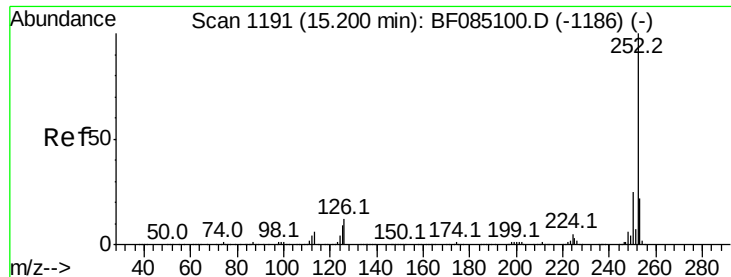
Tgt Ion:264 Resp: 470301

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	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: 43.32 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :

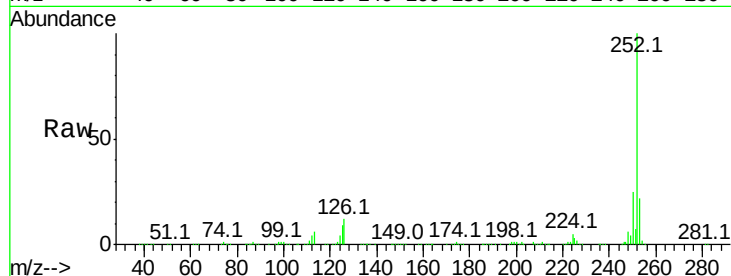
Tot Ion:252 Resp: 1240407

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

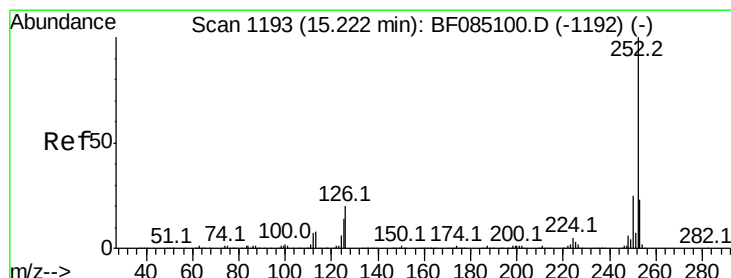
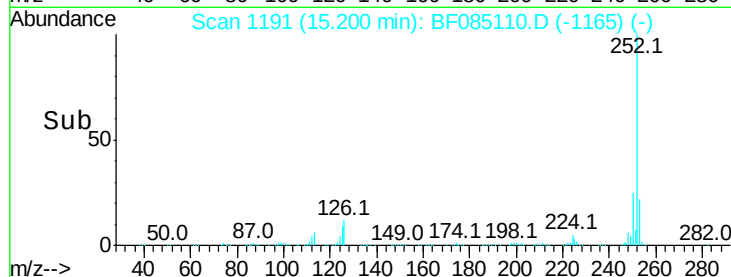
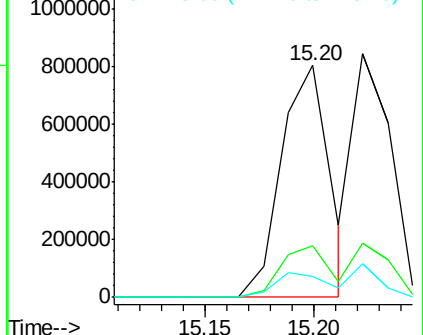
125 8.8 7.0 10.4



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: 50.01 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

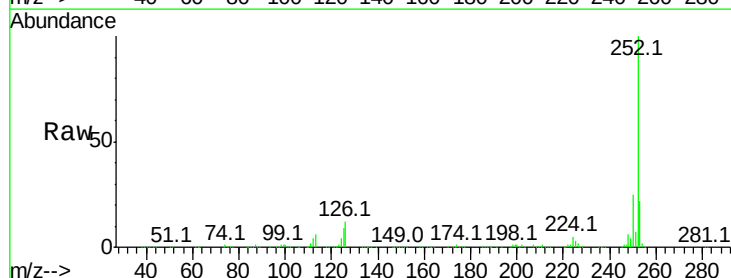
Tgt Ion:252 Resp: 1240407

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

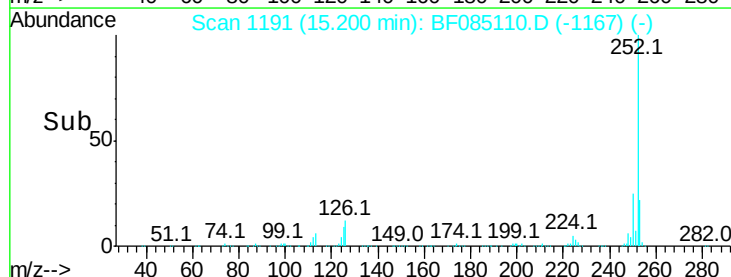
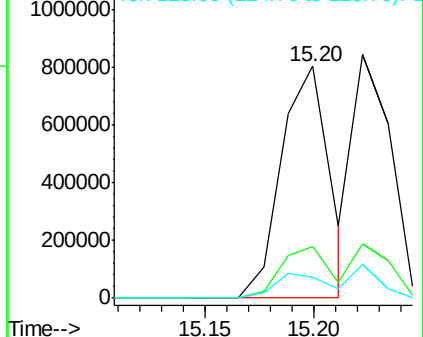
125 8.8 11.1 16.7#

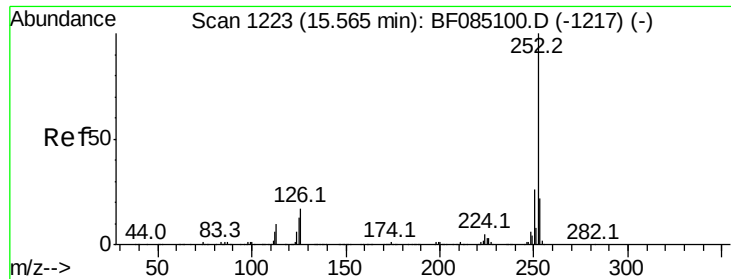


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

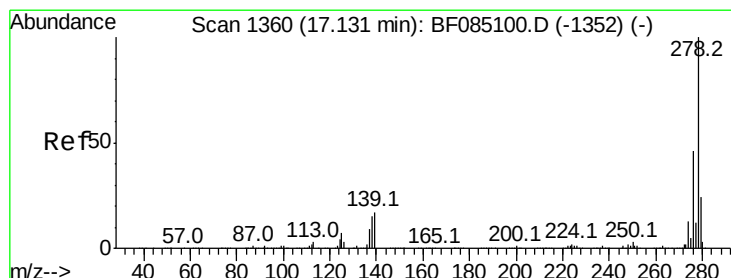
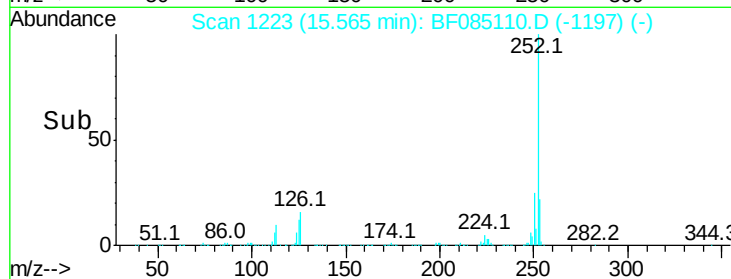
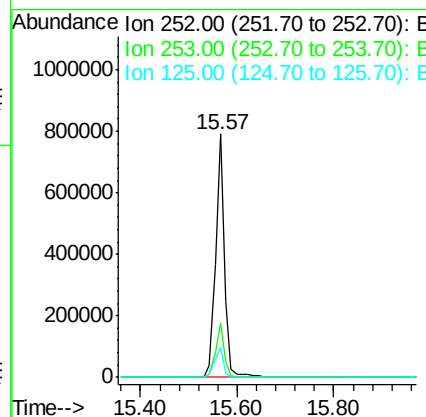
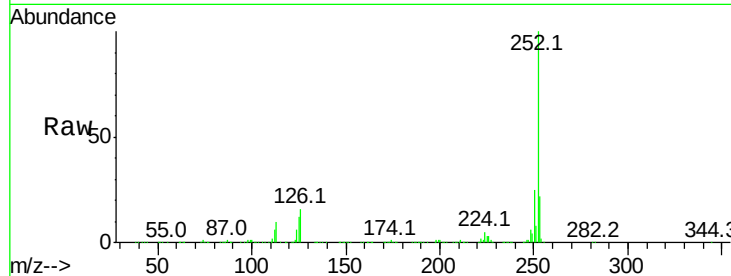




#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 15.57 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

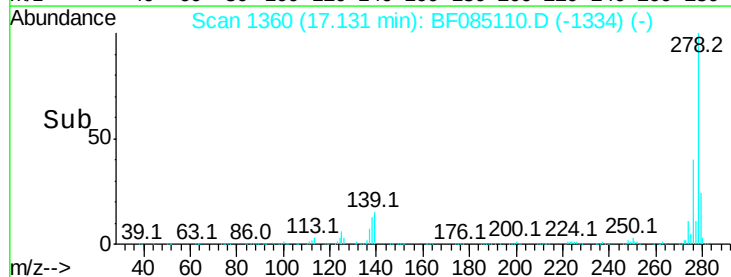
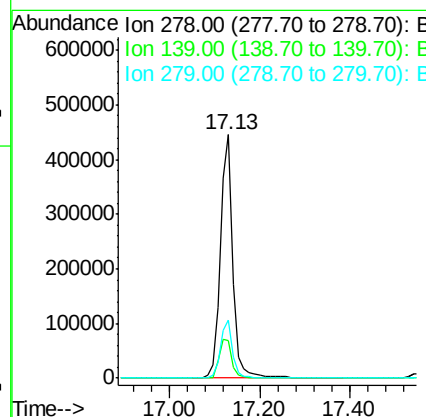
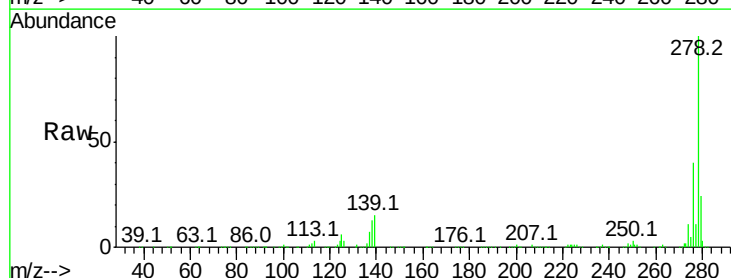
Instrument :
BNA_F
ClientSampleId :

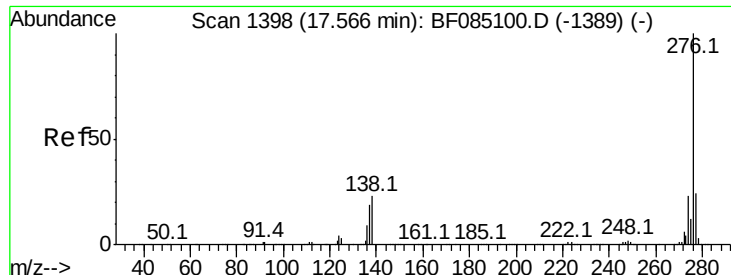
Tot Ion:252 Resp: 1038145
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 12.1 10.2 15.2



#90
Dibenzo(a,h)anthracene
Concen: 39.52 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF085110.D
Acq: 2 Mar 2016 10:53

Tgt Ion:278 Resp: 857425
Ion Ratio Lower Upper
278 100
139 15.2 13.6 20.4
279 24.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.64 ng

RT: 17.55 min Scan# 1397

Delta R.T. -0.01 min

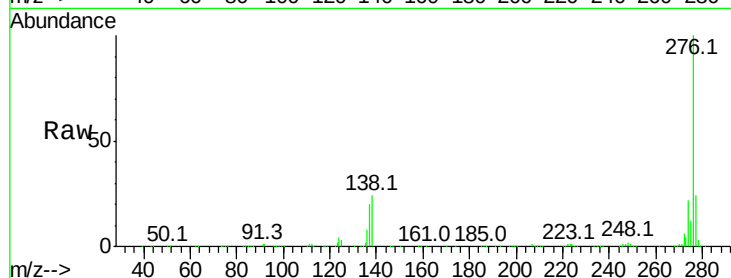
Lab File: BF085110.D

Acq: 2 Mar 2016 10:53

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 852247

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 23.8 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

