

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085760.D
 Acq On : 25 Mar 2016 14:30
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 16:17:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106820	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	420060	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	165171	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	254168	20.00	ng	0.00
75) Chrysene-d12	13.98	240	200172	20.00	ng	0.00
86) Perylene-d12	15.40	264	191776	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	539705	84.14	ng	0.01
7) Phenol-d6	6.46	99	658430	80.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	584679	78.38	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	105374	67.15	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	905530	91.60	ng	0.00
78) Terphenyl-d14	12.93	244	654510	67.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	133151	43.48	ng	97
3) Pyridine	3.10	79	339880	46.29	ng	99
4) n-Nitrosodimethylamine	3.05	42	121367	41.29	ng	100
6) Aniline	6.49	93	436496	39.76	ng	94
8) 2-Chlorophenol	6.61	128	294254	39.48	ng	91
9) Benzaldehyde	6.37	77	197695	40.23	ng	93
10) Phenol	6.48	94	380917	41.23	ng	78
11) bis(2-Chloroethyl)ether	6.56	93	270283	38.02	ng	96
12) 1,3-Dichlorobenzene	6.85	146	337134	42.01	ng	97
13) 1,4-Dichlorobenzene	6.85	146	337134	41.42	ng	94
14) 1,2-Dichlorobenzene	7.00	146	303803	40.05	ng	97
15) Benzyl Alcohol	6.97	79	226030	41.54	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	383309	40.63	ng	96
17) 2-Methylphenol	7.09	107	232119	38.91	ng	100
18) Hexachloroethane	7.34	117	111293	37.35	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	200337	41.03	ng	96
20) 3+4-Methylphenols	7.25	107	283342	39.50	ng	# 87
22) Acetophenone	7.24	105	391275	39.98	ng	99
24) Nitrobenzene	7.42	77	311585	40.52	ng	# 84
25) Isophorone	7.66	82	546361	38.02	ng	# 91
26) 2-Nitrophenol	7.73	139	132538	34.46	ng	# 82
27) 2,4-Dimethylphenol	7.77	122	283015	42.09	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	334868	40.90	ng	99
29) 2,4-Dichlorophenol	7.98	162	211857	37.48	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	252881	40.30	ng	96
31) Naphthalene	8.14	128	836073	39.50	ng	99
32) Benzoic acid	7.89	122	135081	30.25	ng	99
33) 4-Chloroaniline	8.18	127	322577	37.33	ng	# 93
34) Hexachlorobutadiene	8.25	225	139408	40.87	ng	98
35) Caprolactam	8.56	113	71451	35.68	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	229282	34.73	ng	# 87
37) 2-Methylnaphthalene	8.82	142	483961	37.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	228450	46.64	ng	99
40) Hexachlorocyclopentadiene	8.97	237	15987	16.12	ng	98

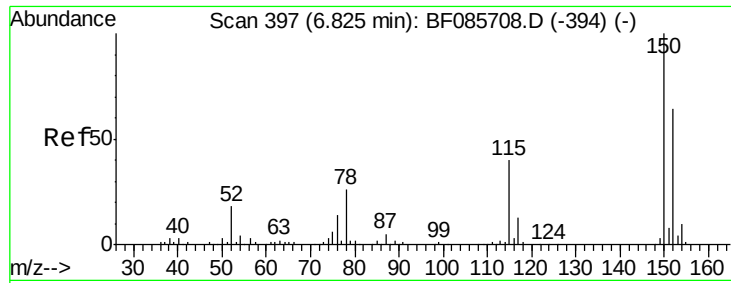
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085760.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	135117	40.84	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	129444	37.31	nq	# 78
45) 1,1'-Biphenyl	9.29	154	629250	45.15	nq	95
46) 2-Chloronaphthalene	9.32	162	455994	44.49	nq	96
47) 2-Nitroaniline	9.41	65	121589	38.80	nq	84
48) Acenaphthylene	9.73	152	713584	42.73	nq	99
49) Dimethylphthalate	9.59	163	519918	41.49	nq	100
50) 2,6-Dinitrotoluene	9.66	165	109931	40.76	nq	# 62
51) Acenaphthene	9.90	154	398824	39.10	nq	99
52) 3-Nitroaniline	9.82	138	115821	37.51	nq	92
53) 2,4-Dinitrophenol	9.94	184	8510	11.81	nq	# 76
54) Dibenzofuran	10.07	168	534125	40.46	nq	98
55) 4-Nitrophenol	9.99	139	65985	32.81	nq	96
56) 2,4-Dinitrotoluene	10.06	165	131851	38.46	nq	# 76
57) Fluorene	10.41	166	434182	39.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	83316	34.55	nq	98
59) Diethylphthalate	10.29	149	522298	42.19	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	197497	36.81	nq	92
61) 4-Nitroaniline	10.44	138	120318	40.74	nq	97
62) Azobenzene	10.56	77	413888	34.79	nq	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	18097	12.16	nq	# 63
65) n-Nitrosodiphenylamine	10.53	169	379953	47.20	nq	98
66) 4-Bromophenyl-phenylether	10.89	248	116803	44.92	nq	94
67) Hexachlorobenzene	10.96	284	113111	41.59	nq	# 89
68) Atrazine	11.05	200	120879	44.47	nq	99
69) Pentachlorophenol	11.16	266	56199	42.09	nq	99
70) Phenanthrene	11.37	178	585587	44.87	nq	100
71) Anthracene	11.42	178	556213	40.60	nq	99
72) Carbazole	11.58	167	498323	43.32	nq	99
73) Di-n-butylphthalate	11.91	149	707761	44.84	nq	99
74) Fluoranthene	12.56	202	540183	38.94	nq	89
76) Benzidine	12.69	184	341941	48.51	nq	99
77) Pyrene	12.79	202	548404	33.33	nq	99
79) Butylbenzylphthalate	13.41	149	270110	39.20	nq	100
80) Benzo(a)anthracene	13.97	228	467736	40.98	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	356452	45.00	nq	98
82) Chrysene	14.01	228	469255	40.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	357945	43.38	nq	99
84) Di-n-octyl phthalate	14.57	149	663303	54.07	nq	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	418510	47.14	nq	99
87) Benzo(b)fluoranthene	15.00	252	933267	77.25	nq	98
88) Benzo(k)fluoranthene	15.00	252	933267	85.69	nq	98
89) Benzo(a)pyrene	15.34	252	436732	40.71	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	359053	36.02	nq	99
91) Benzo(g,h,i)perylene	17.20	276	332621	32.96	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampled :

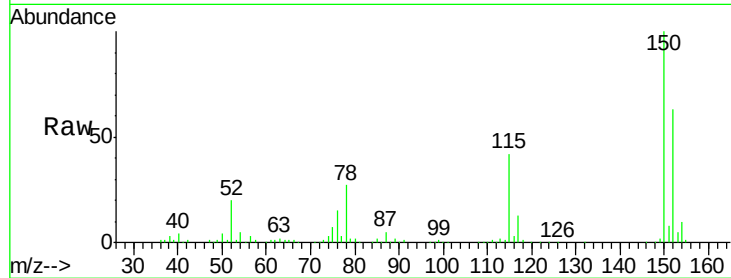
Tot Ion:152 Resp: 106820

Ion Ratio Lower Upper

152 100

150 159.2 124.2 186.2

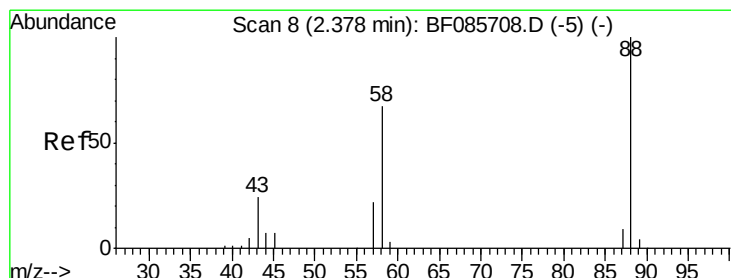
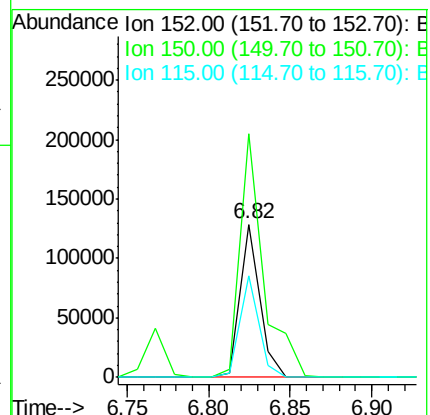
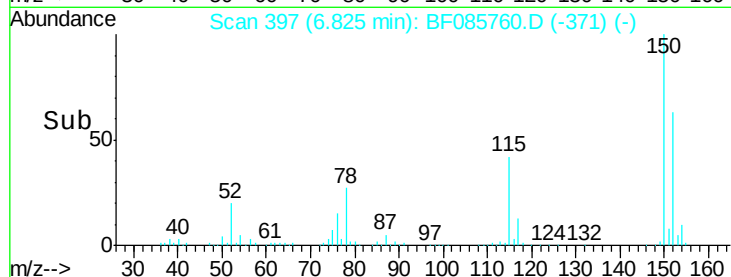
115 66.2 47.0 70.6



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: 43.48 ng

RT: 2.38 min Scan# 8

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

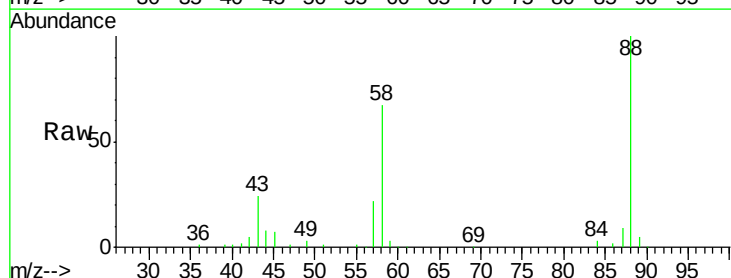
Tgt Ion: 88 Resp: 133151

Ion Ratio Lower Upper

88 100

58 66.0 54.2 81.2

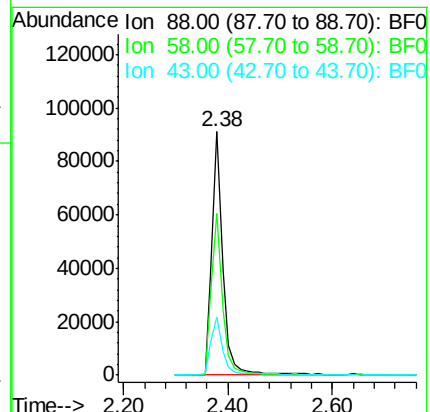
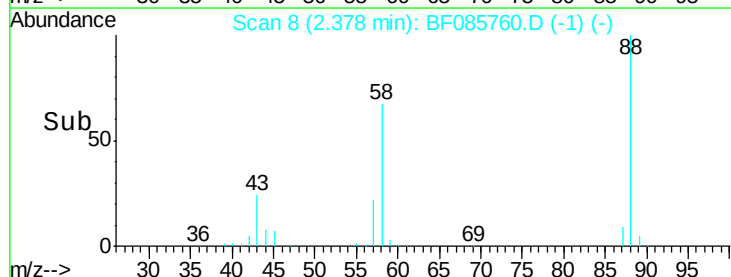
43 27.3 19.3 28.9

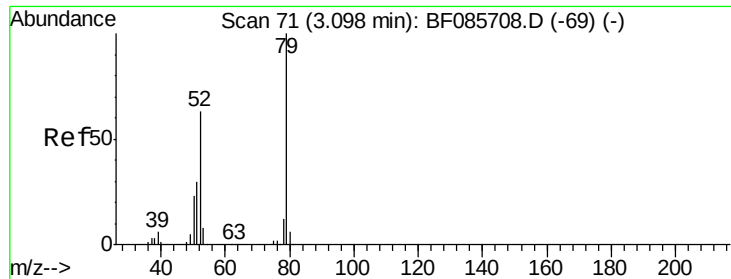


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 46.29 ng

RT: 3.10 min Scan# 71

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

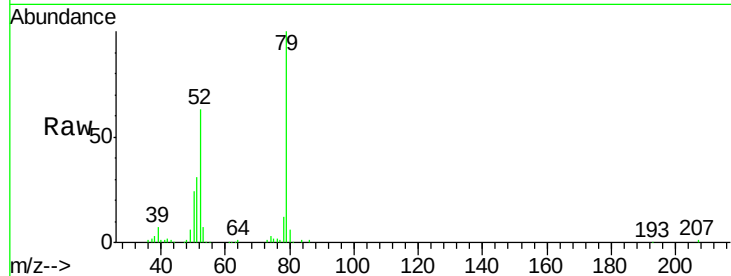
Tot Ion: 79 Resp: 339880

Ion Ratio Lower Upper

79 100

52 62.7 49.8 74.6

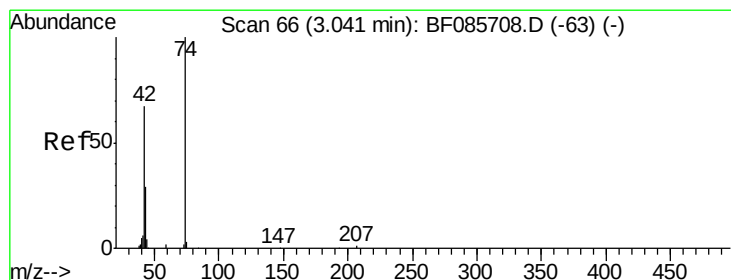
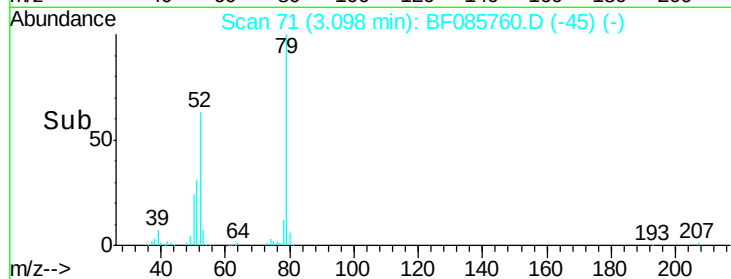
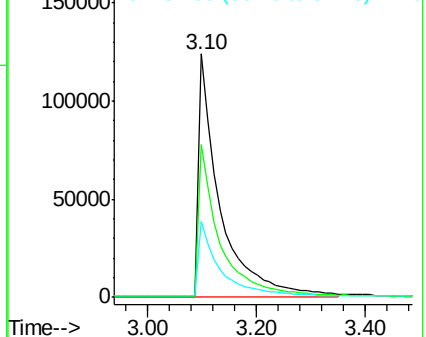
51 31.4 24.7 37.1



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: 41.29 ng

RT: 3.05 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

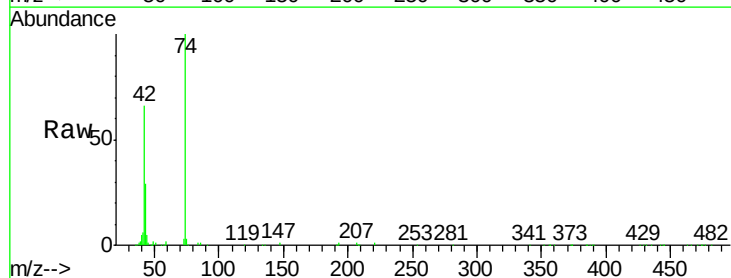
Tgt Ion: 42 Resp: 121367

Ion Ratio Lower Upper

42 100

74 151.4 121.4 182.2

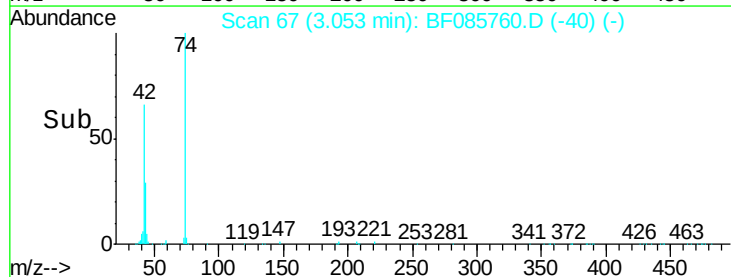
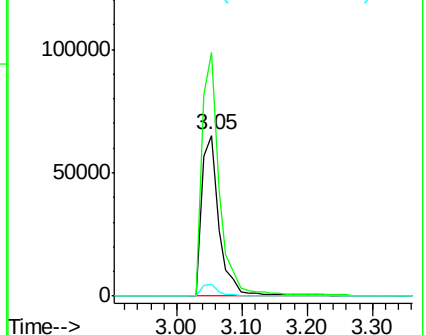
44 7.2 5.6 8.4

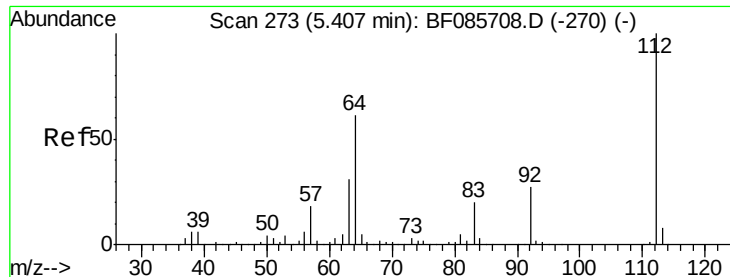


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.14 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

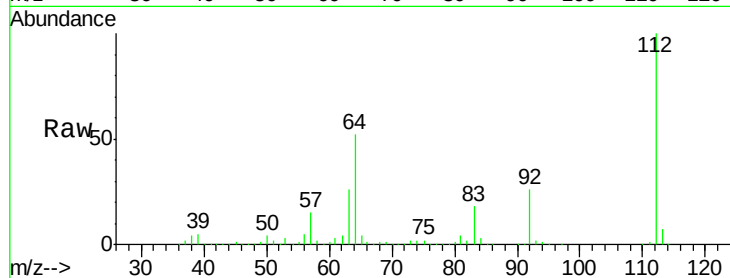
Tot Ion:112 Resp: 539705

Ion Ratio Lower Upper

112 100

64 51.6 39.9 59.9

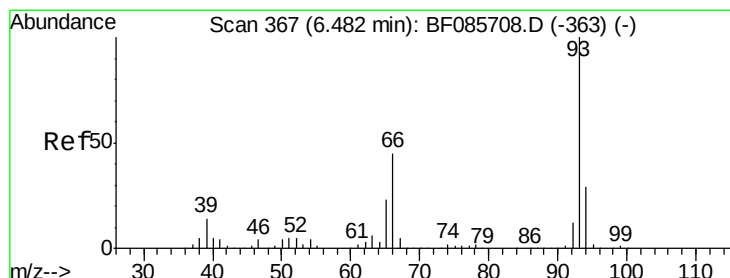
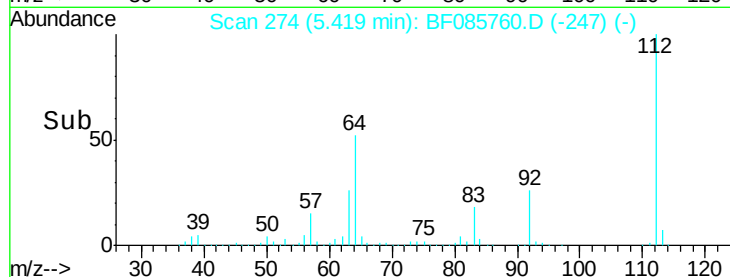
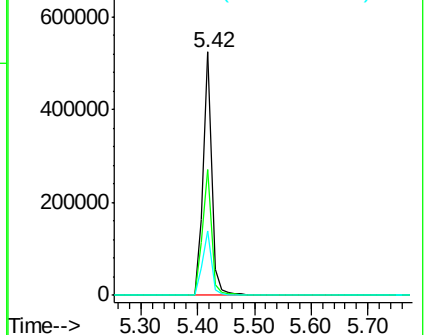
63 26.4 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.76 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

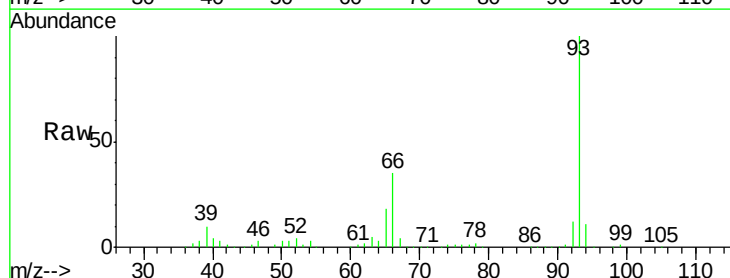
Tgt Ion: 93 Resp: 436496

Ion Ratio Lower Upper

93 100

66 35.1 31.4 47.2

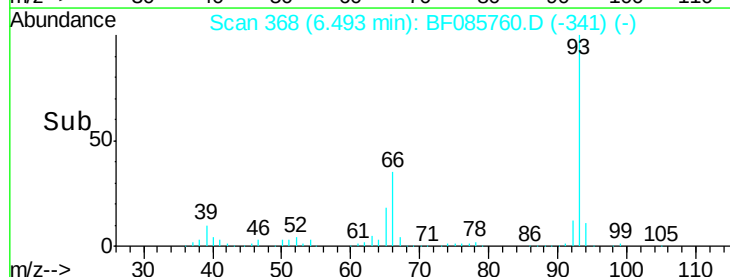
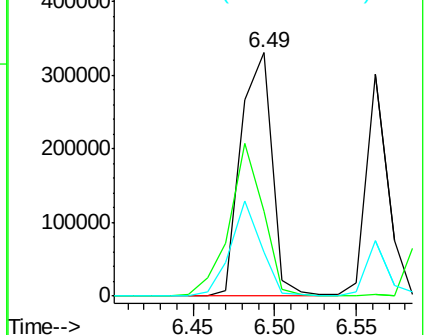
65 17.8 15.7 23.5

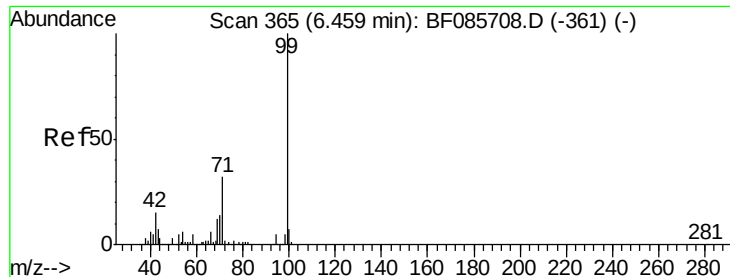


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.74 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

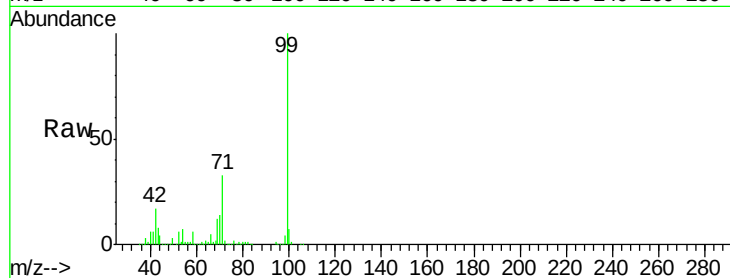
Tot Ion: 99 Resp: 658430

Ion Ratio Lower Upper

99 100

42 16.6 11.1 16.7

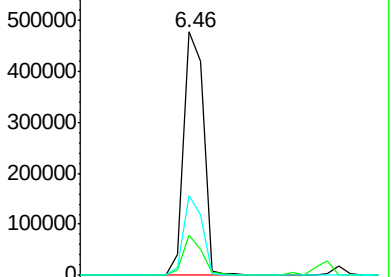
71 32.6 24.9 37.3



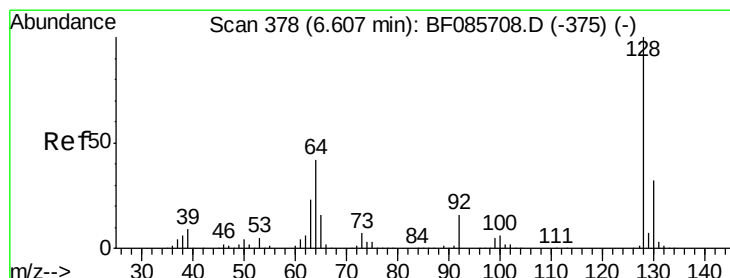
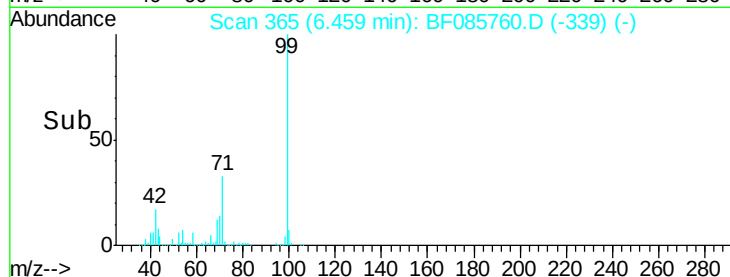
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 39.48 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

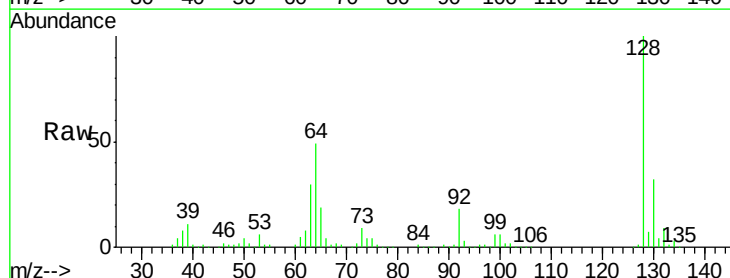
Tgt Ion: 128 Resp: 294254

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

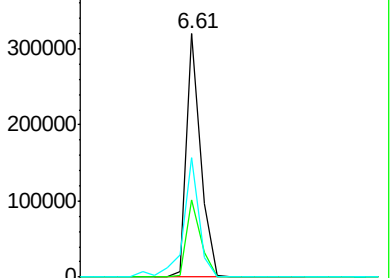
64 49.1 20.2 60.2



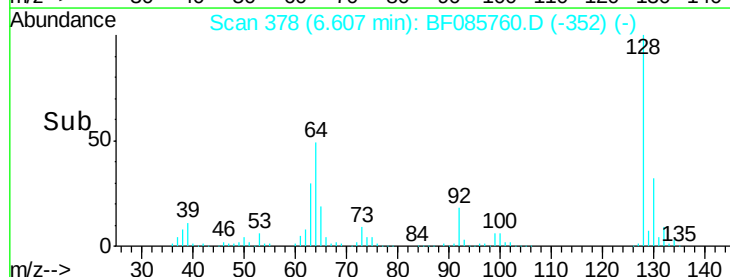
Abundance Ion 128.00 (127.70 to 128.70): E

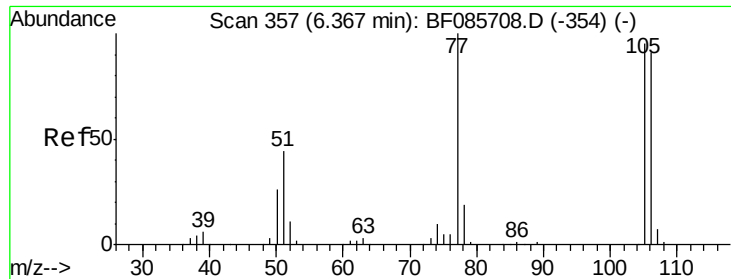
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->

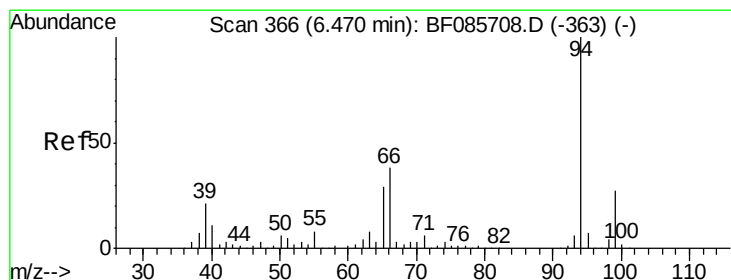
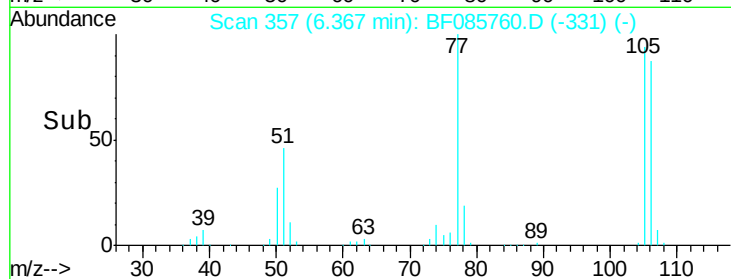
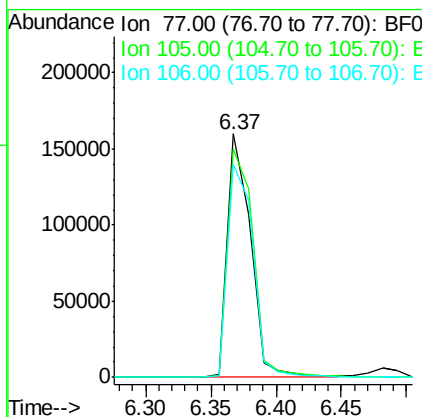
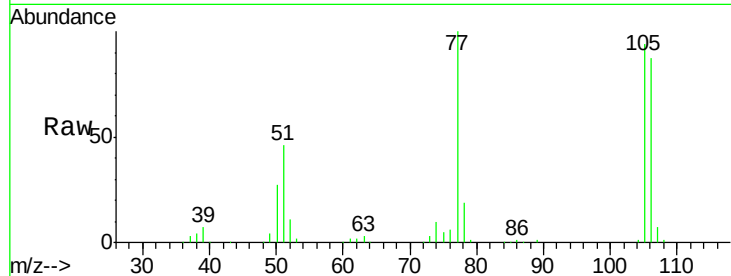




#9
Benzaldehyde
Concen: 40.23 ng
RT: 6.37 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

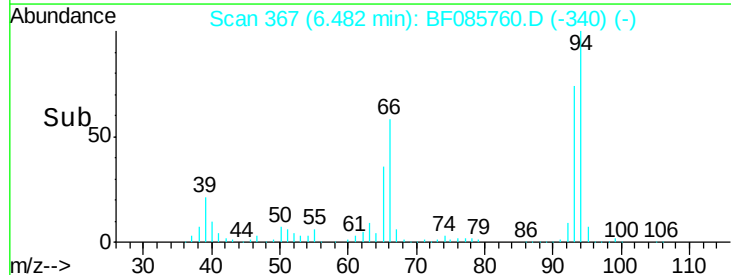
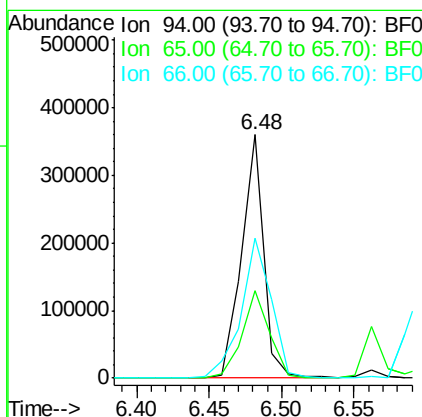
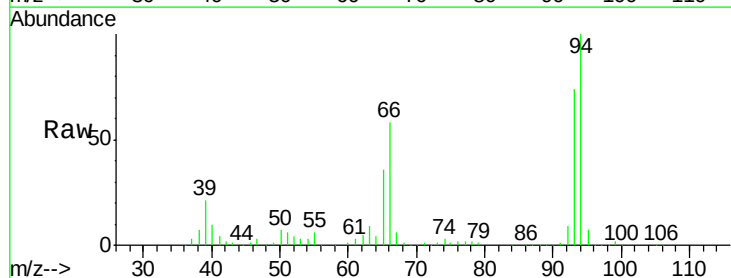
Instrument :
BNA_F
ClientSampled :

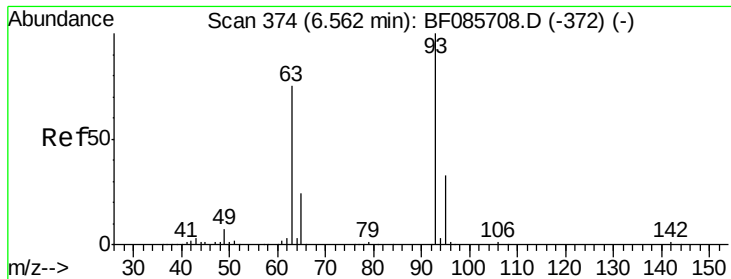
Tot Ion: 77 Resp: 197695
Ion Ratio Lower Upper
77 100
105 93.7 80.1 120.1
106 87.5 75.0 115.0



#10
Phenol
Concen: 41.23 ng
RT: 6.48 min Scan# 367
Delta R.T. 0.01 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion: 94 Resp: 380917
Ion Ratio Lower Upper
94 100
65 35.7 8.6 48.6
66 57.7 20.0 60.0

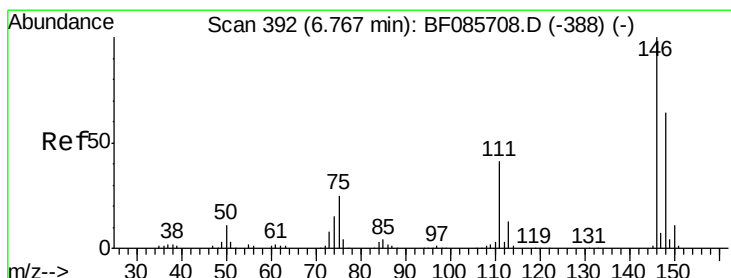
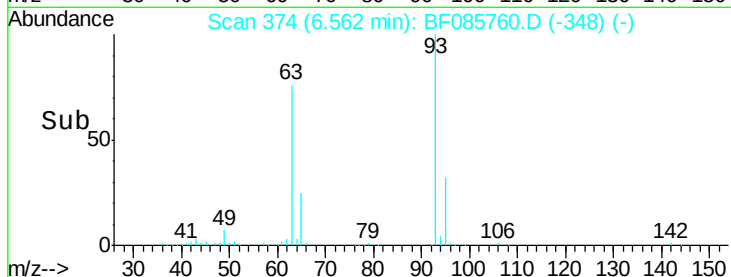
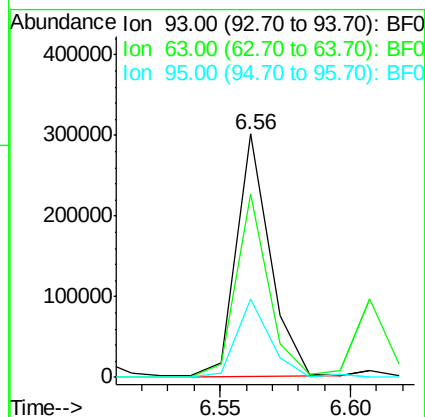
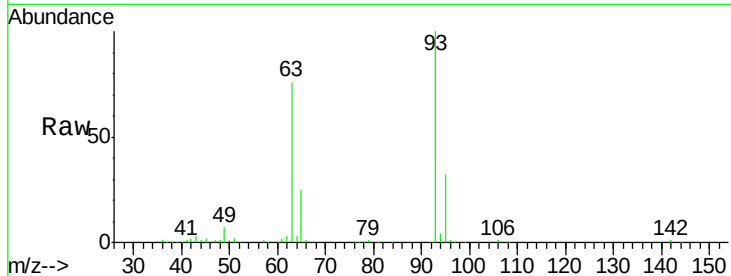




#11
bis(2-Chloroethyl)ether
Concen: 38.02 ng
RT: 6.56 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

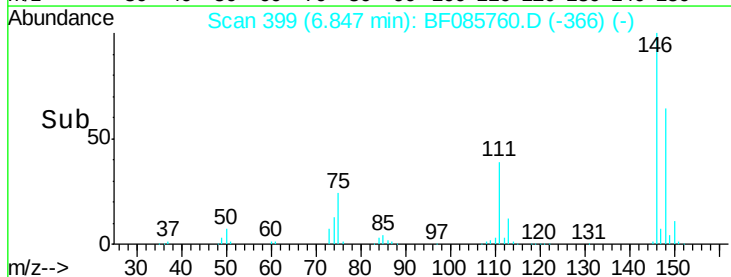
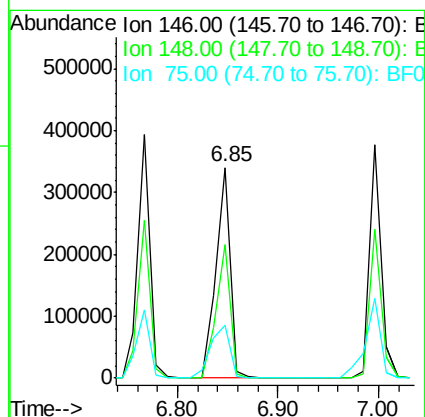
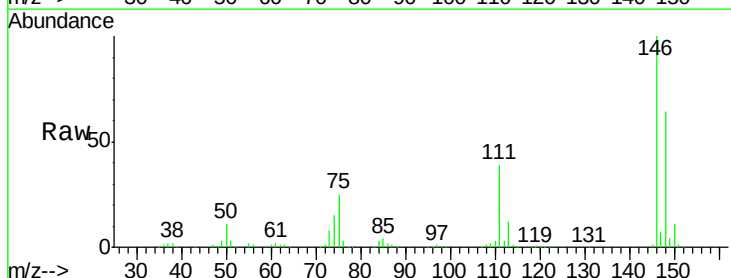
Instrument :
BNA_F
ClientSampleId :

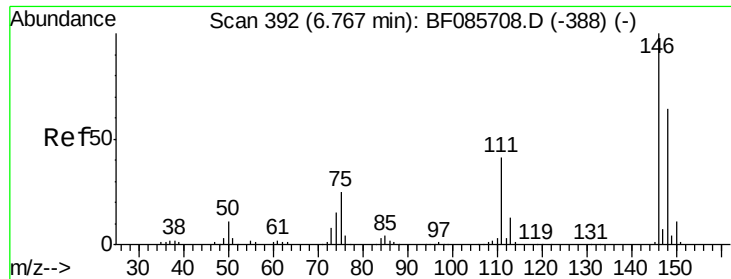
Tot Ion: 93 Resp: 270283
Ion Ratio Lower Upper
93 100
63 75.5 50.9 90.9
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.01 ng
RT: 6.85 min Scan# 399
Delta R.T. 0.08 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion: 146 Resp: 337134
Ion Ratio Lower Upper
146 100
148 63.6 52.3 78.5
75 24.9 17.4 26.2

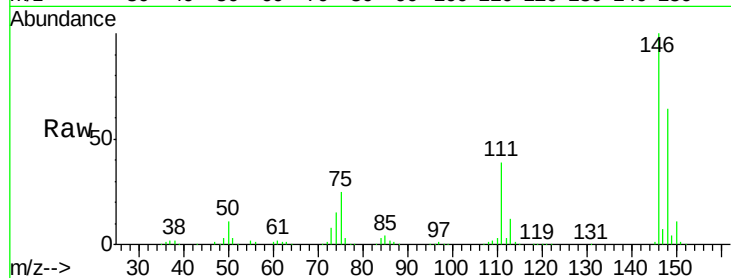




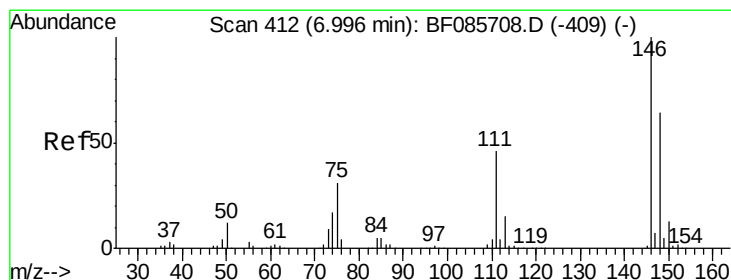
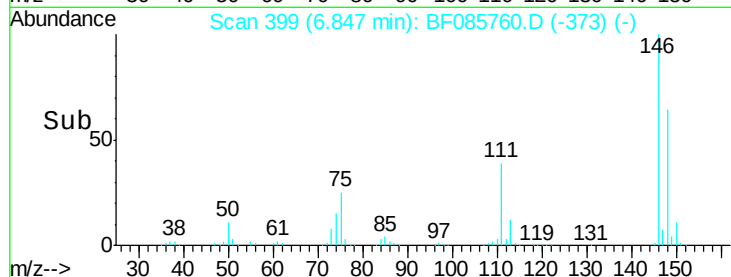
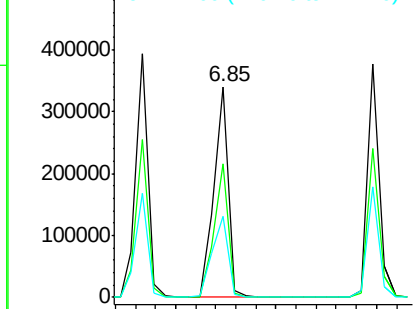
#13
 1,4-Dichlorobenzene
 Concen: 41.42 ng
 RT: 6.85 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 337134
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 38.6 37.8 56.6

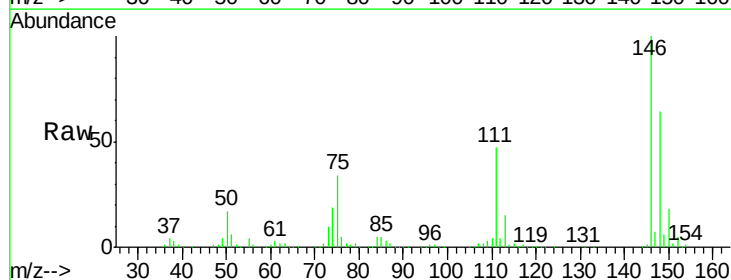


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

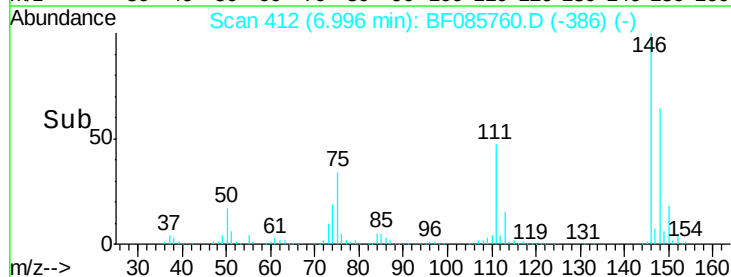
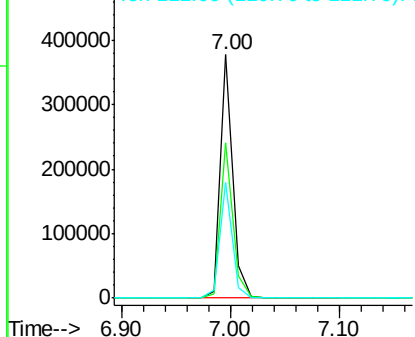


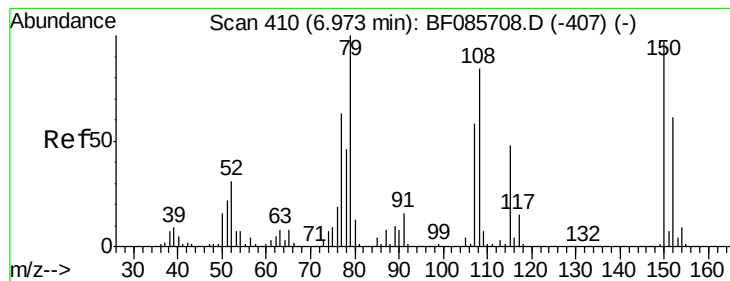
#14
 1,2-Dichlorobenzene
 Concen: 40.05 ng
 RT: 7.00 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion:146 Resp: 303803
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.2
 111 47.5 34.6 52.0



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





#15

Benzyl Alcohol

Concen: 41.54 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampled :

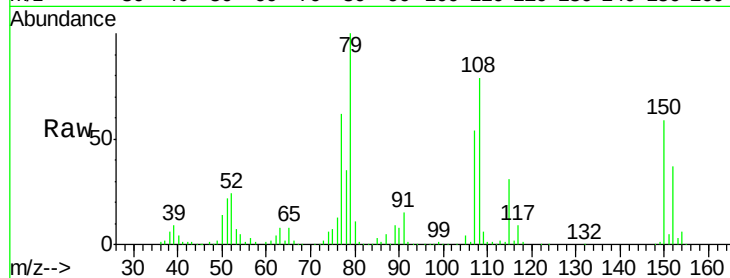
Tot Ion: 79 Resp: 226030

Ion Ratio Lower Upper

79 100

108 78.8 61.8 92.6

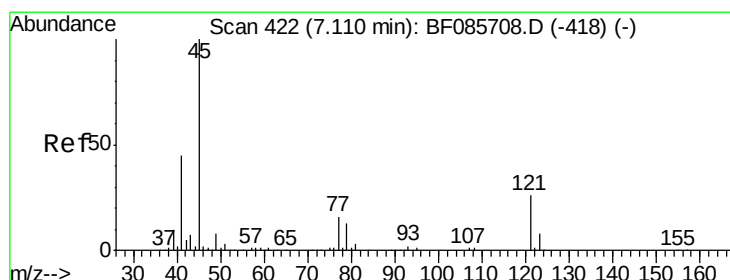
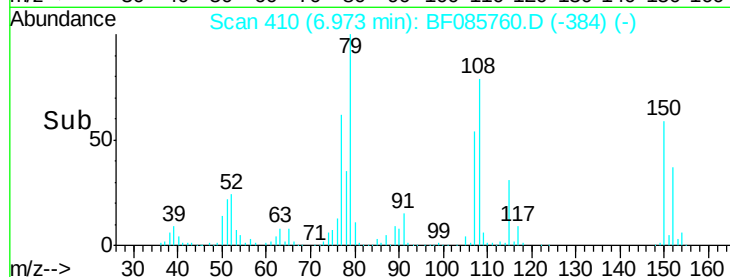
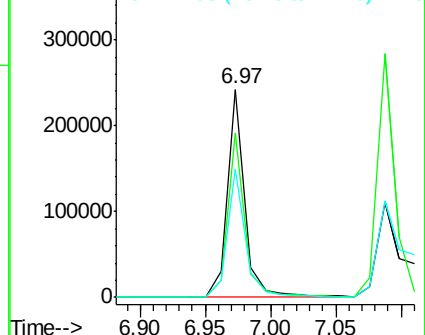
77 61.8 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.63 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

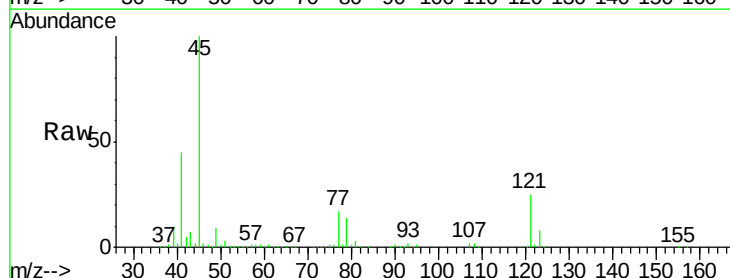
Tgt Ion: 45 Resp: 383309

Ion Ratio Lower Upper

45 100

77 17.3 0.0 35.7

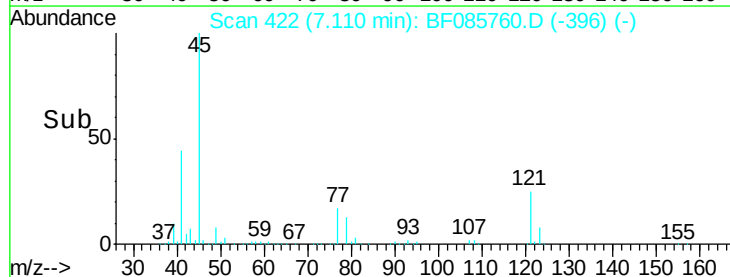
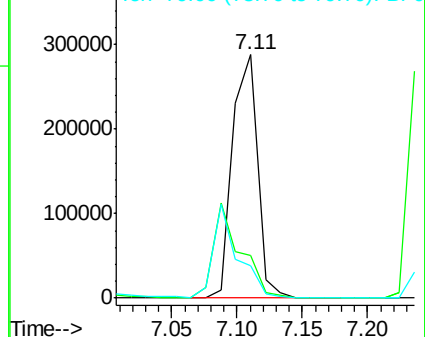
79 13.5 0.0 32.2

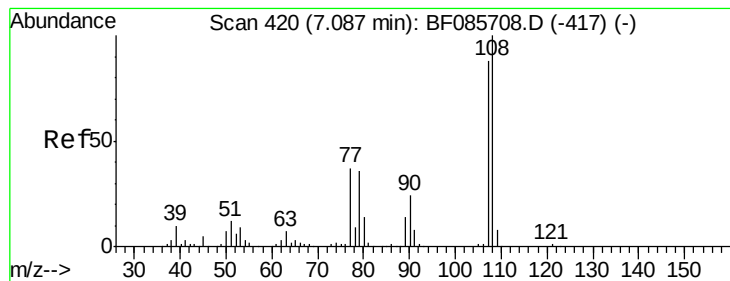


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.91 ng

RT: 7.09 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 232119

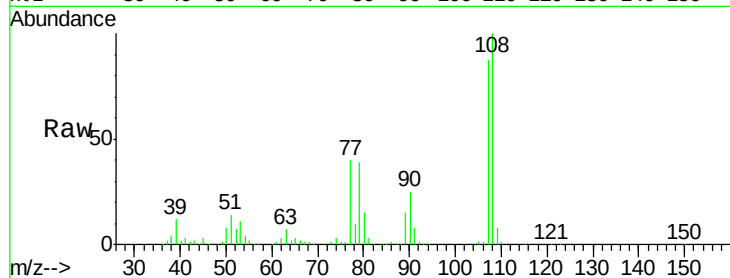
Ion Ratio Lower Upper

107 100

108 114.7 91.4 137.0

77 45.3 36.2 54.2

79 45.0 35.8 53.8

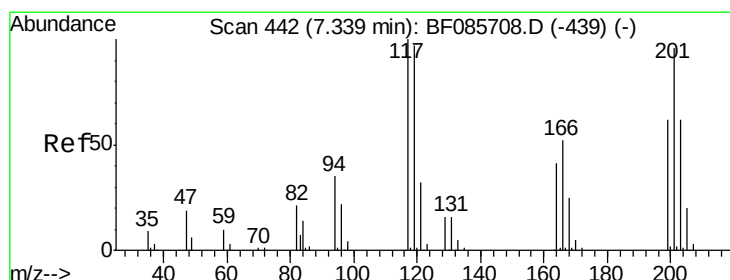
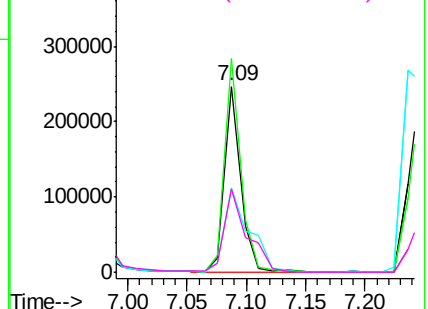
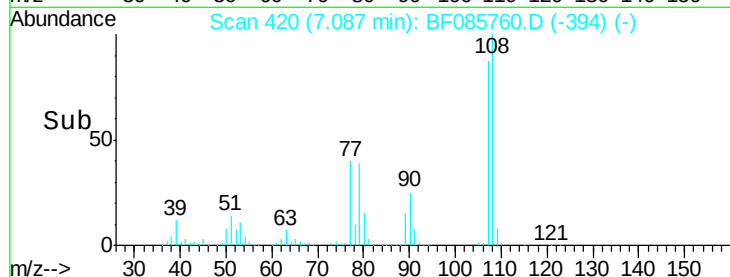


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.35 ng

RT: 7.34 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

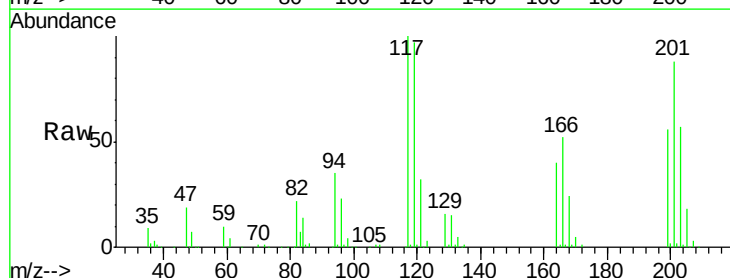
Tgt Ion:117 Resp: 111293

Ion Ratio Lower Upper

117 100

119 97.2 76.7 115.1

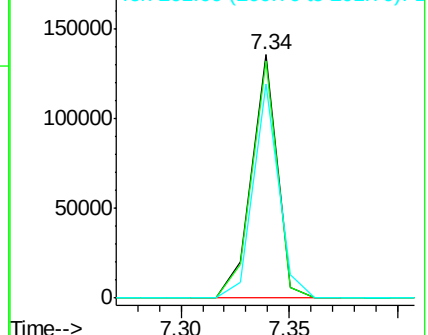
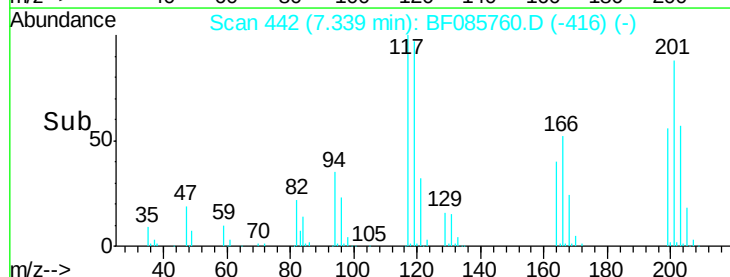
201 87.9 83.3 124.9

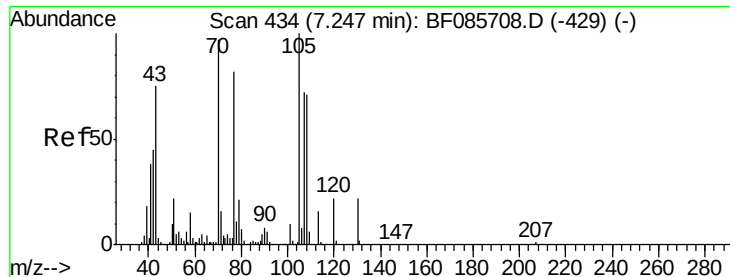


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

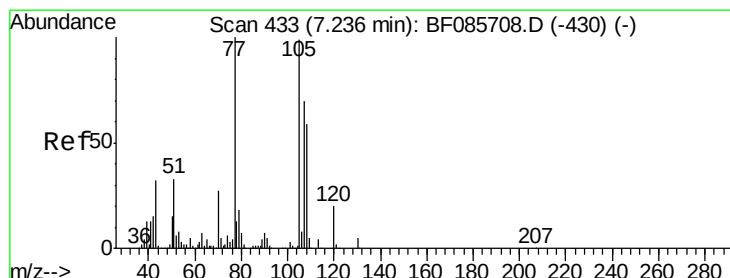
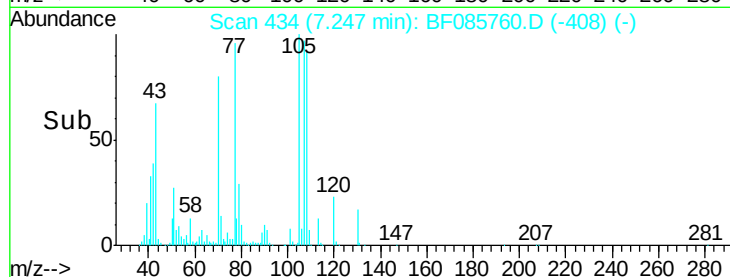
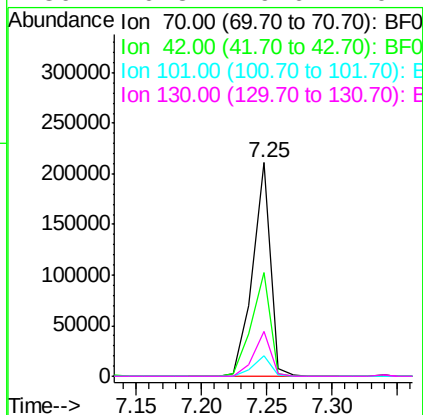
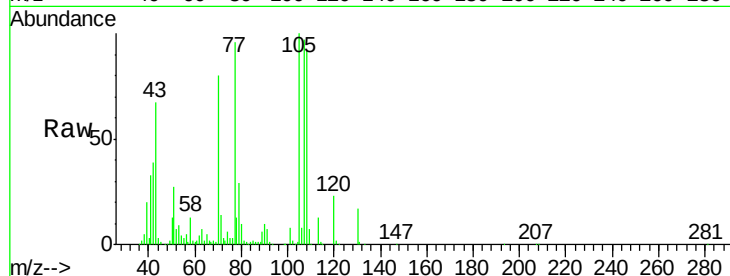




#19
n-Nitroso-di-n-propylamine
Concen: 41.03 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

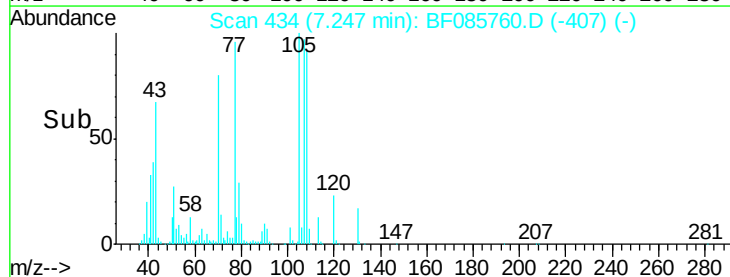
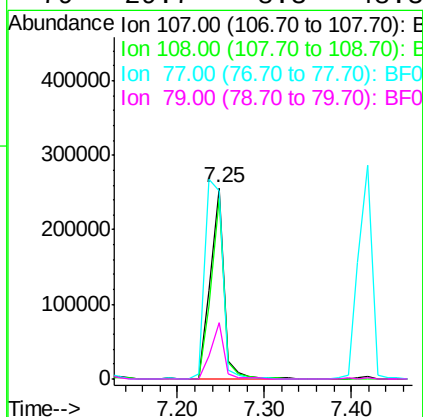
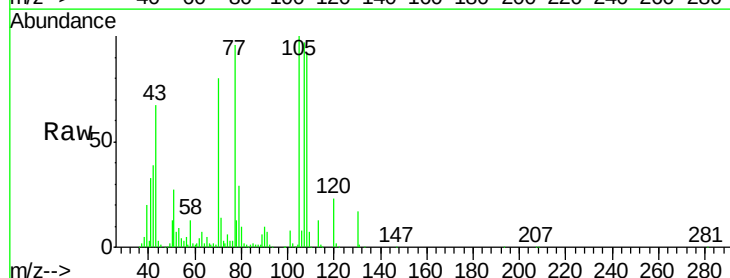
Instrument :
BNA_F
ClientSampleId :

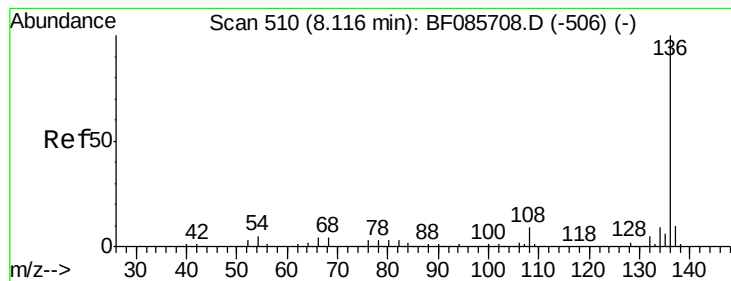
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.5	37.1	55.7
101	9.4	8.6	12.8
130	20.8	19.6	29.4



#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	69.3	109.3
77	98.5	101.7	141.7#
79	29.7	8.3	48.3

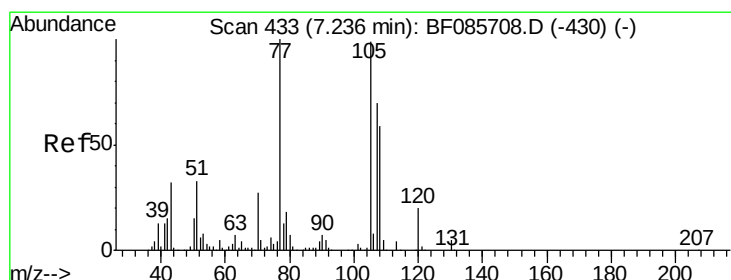
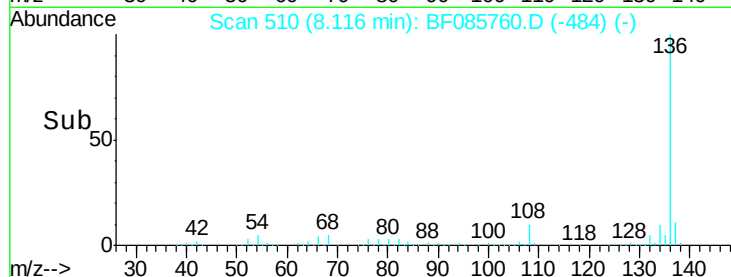
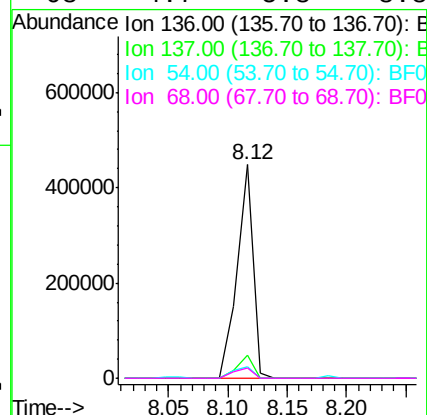
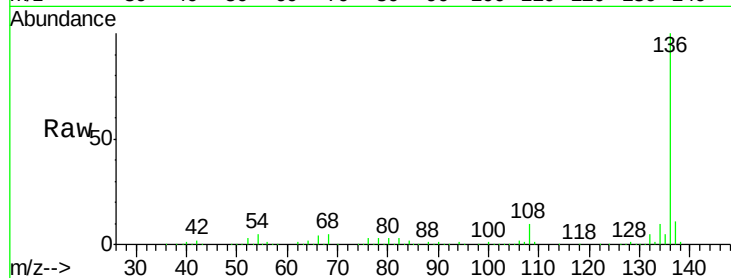




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

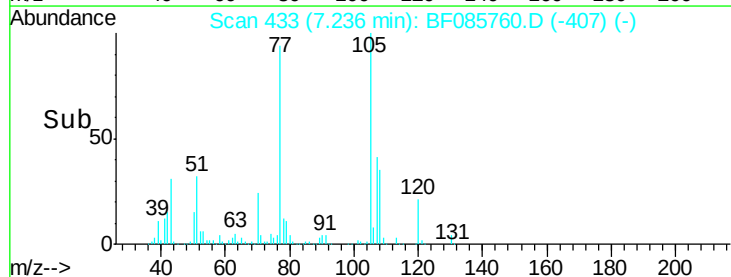
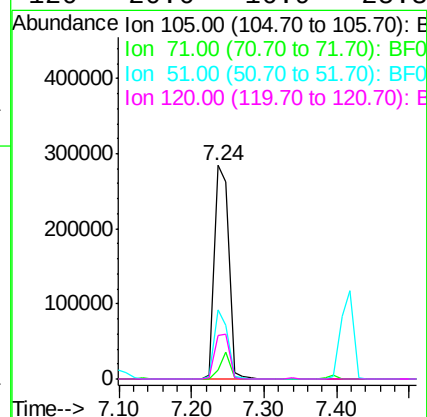
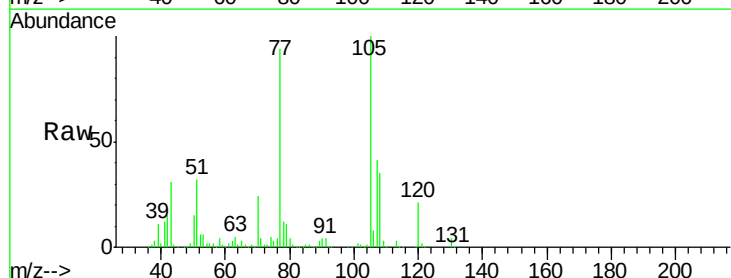
Instrument :
BNA_F
ClientSampleId :

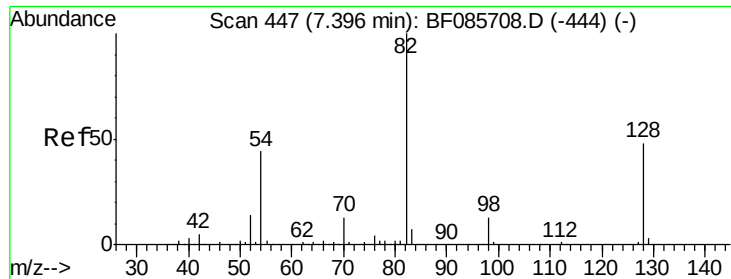
Tot Ion:136	Resp:	420060
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	5.4	7.4 11.0#
68	4.7	5.8 8.8#



#22
Acetophenone
Concen: 39.98 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion:105	Resp:	391275
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.6 5.4
51	32.2	25.4 38.0
120	20.6	16.9 25.3





#23

Nitrobenzene-d5

Concen: 78.38 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampled :

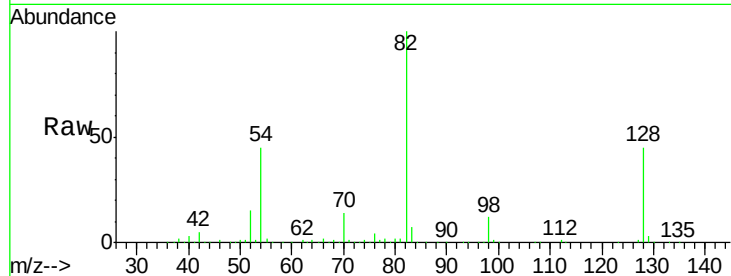
Tot Ion: 82 Resp: 584679

Ion Ratio Lower Upper

82 100

128 45.3 41.8 62.8

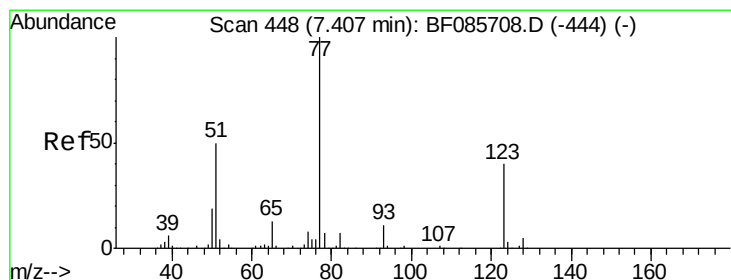
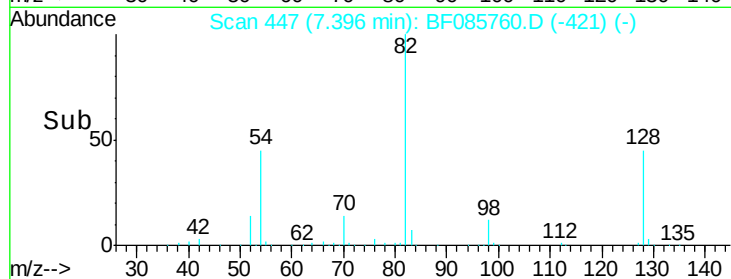
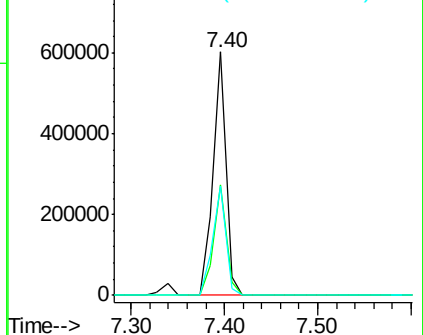
54 45.0 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.52 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

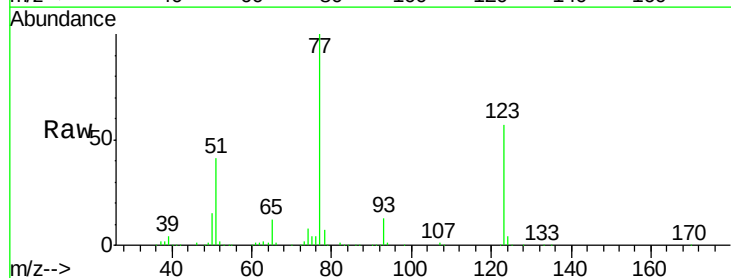
Tgt Ion: 77 Resp: 311585

Ion Ratio Lower Upper

77 100

123 56.9 35.0 52.4#

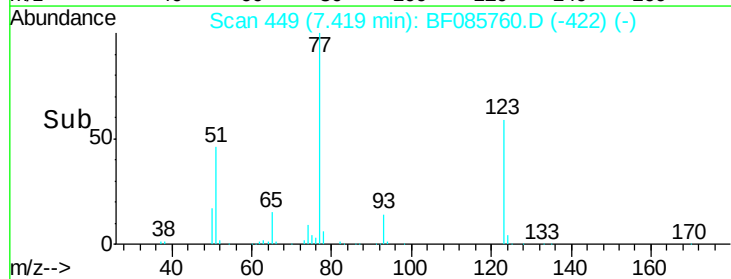
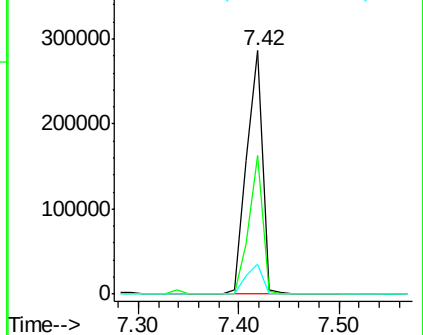
65 12.2 10.6 16.0

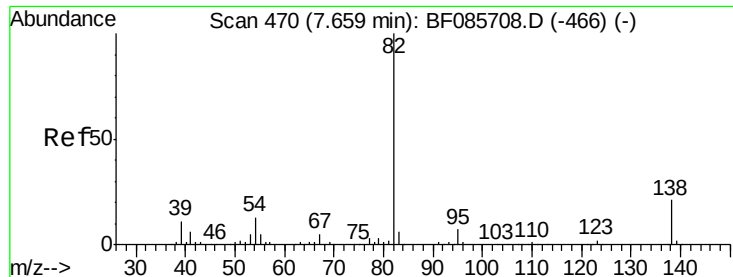


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.02 ng

RT: 7.66 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

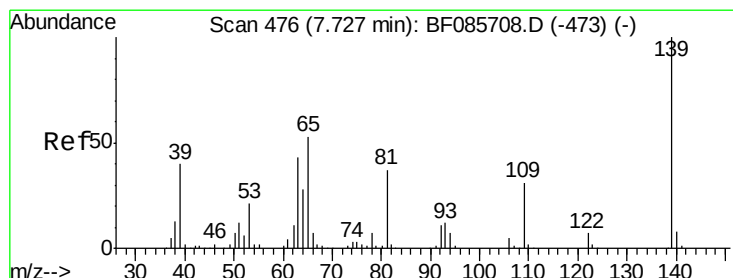
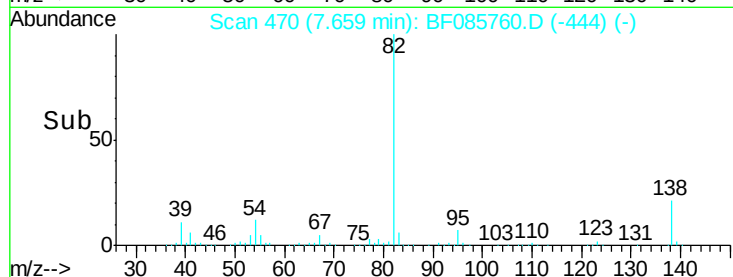
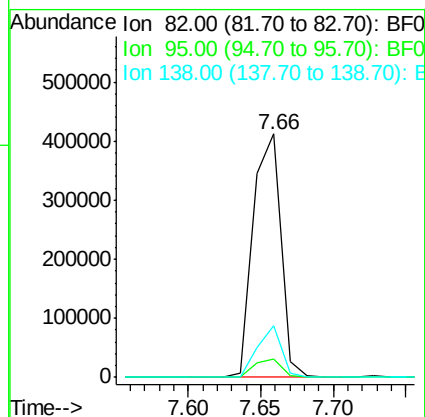
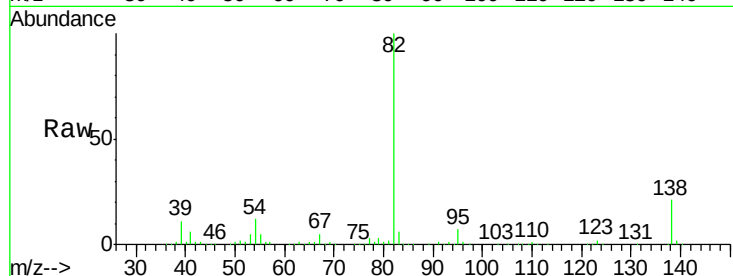
Tot Ion: 82 Resp: 546361

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 21.2 12.9 19.3#



#26

2-Nitrophenol

Concen: 34.46 ng

RT: 7.73 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

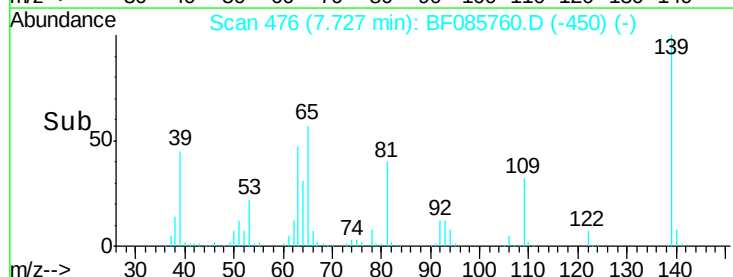
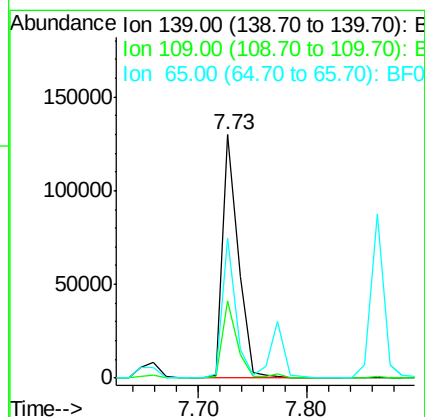
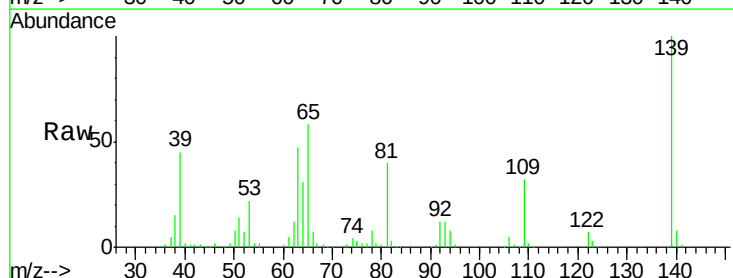
Tgt Ion: 139 Resp: 132538

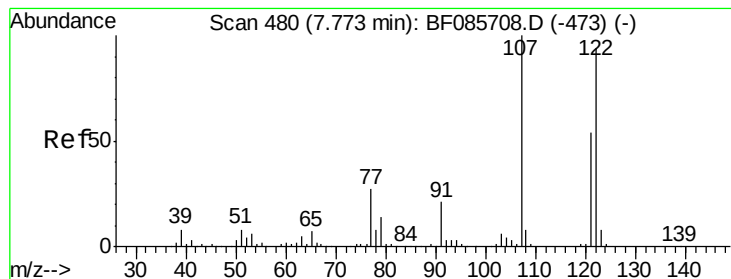
Ion Ratio Lower Upper

139 100

109 31.8 22.1 33.1

65 57.7 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 42.09 ng

RT: 7.77 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampled :

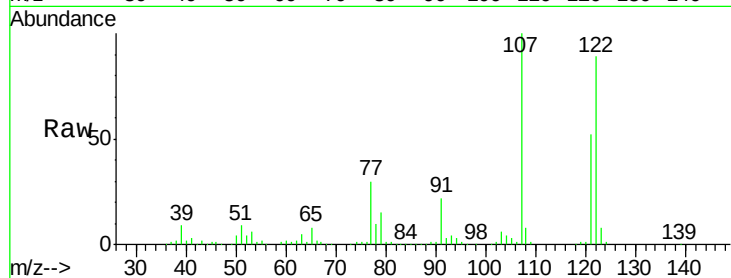
Tot Ion:122 Resp: 283015

Ion Ratio Lower Upper

122 100

107 112.4 93.0 139.6

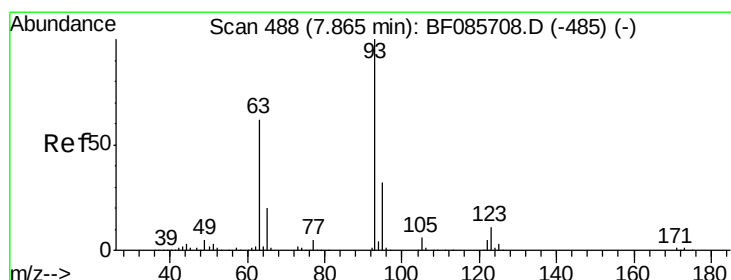
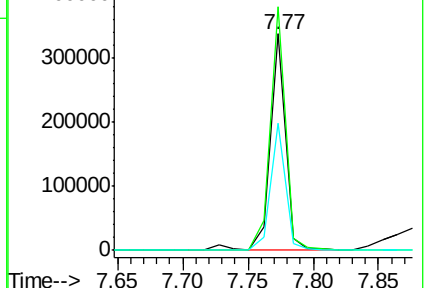
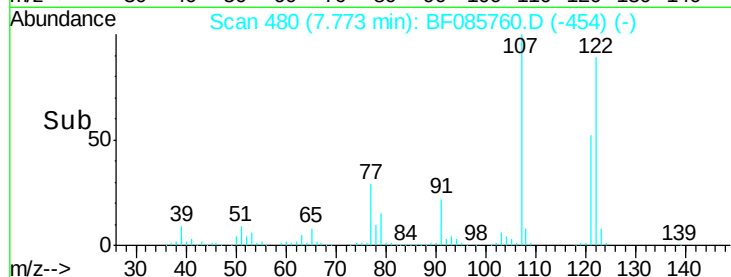
121 58.5 45.9 68.9



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: 40.90 ng

RT: 7.86 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

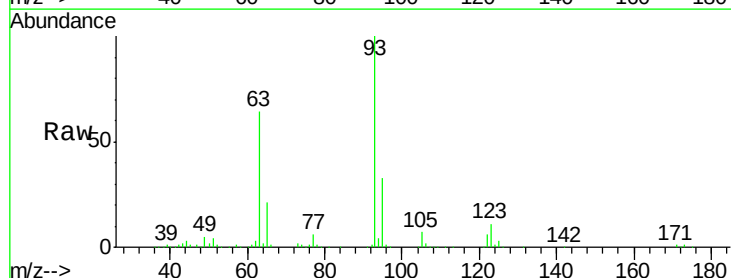
Tgt Ion: 93 Resp: 334868

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

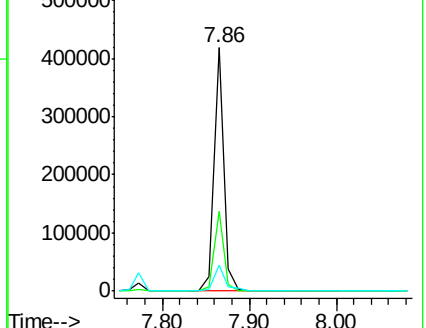
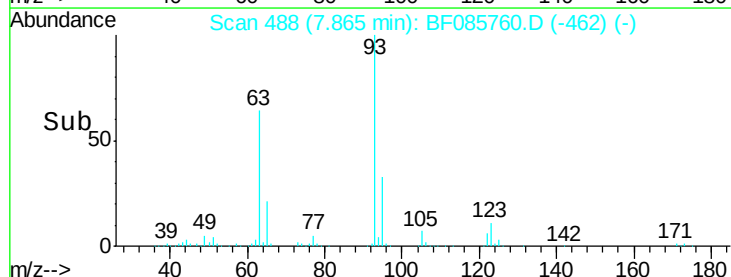
123 10.7 9.8 14.6

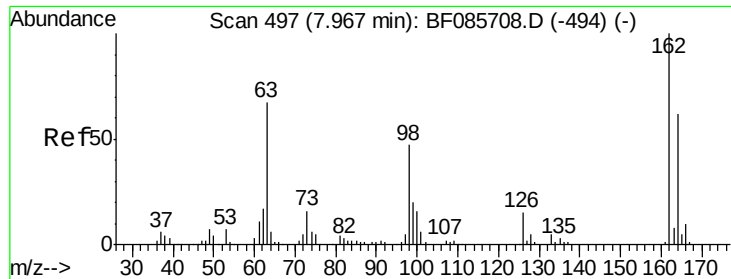


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

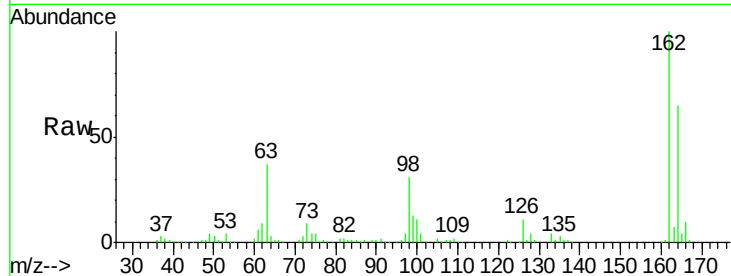




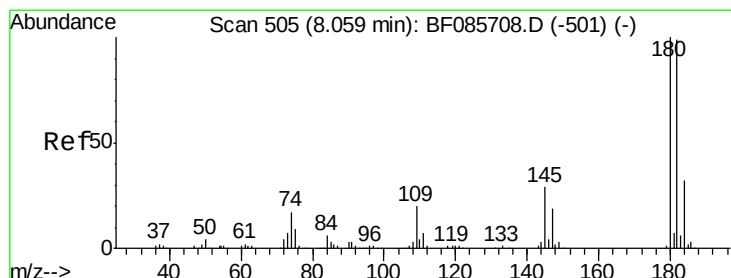
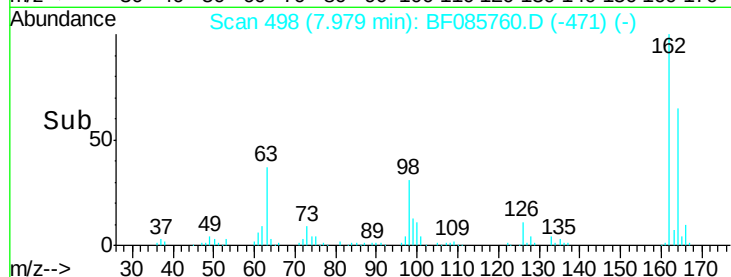
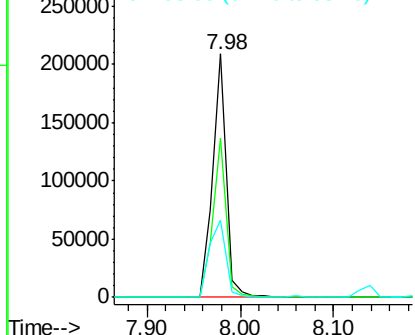
#29
 2,4-Dichlorophenol
 Concen: 37.48 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	31.5	20.4	60.4

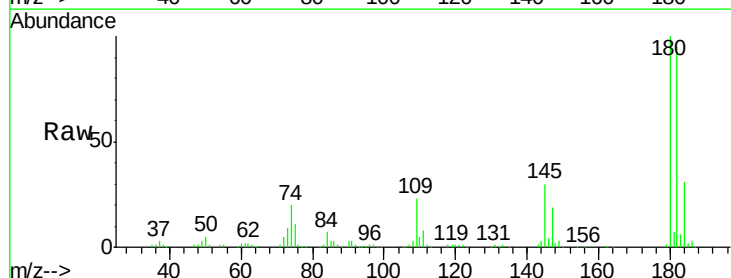


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

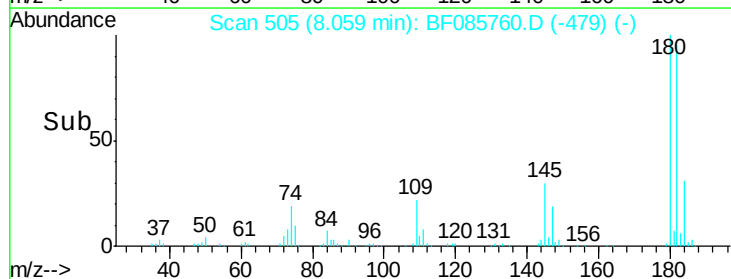
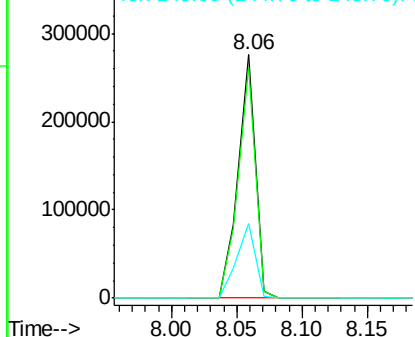


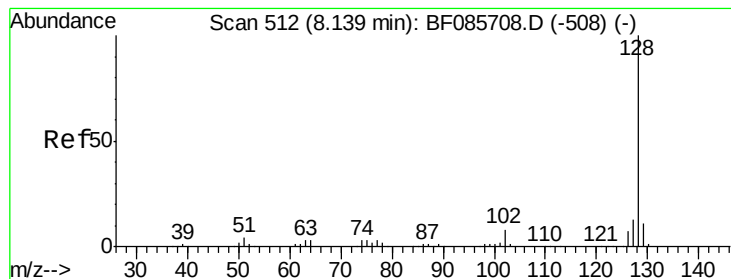
#30
 1,2,4-Trichlorobenzene
 Concen: 40.30 ng
 RT: 8.06 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	73.8	110.8
145	30.5	28.4	42.6



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: 39.50 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

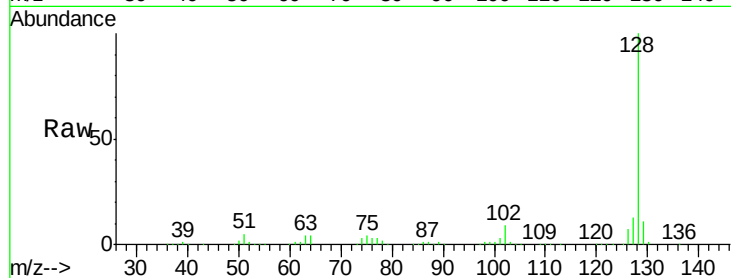
Tot Ion:128 Resp: 836073

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

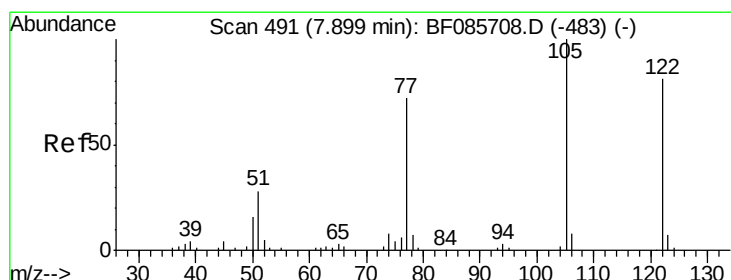
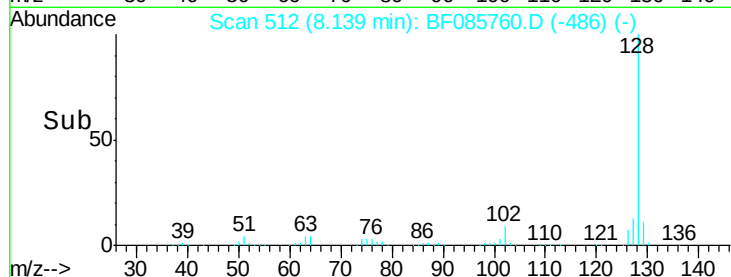
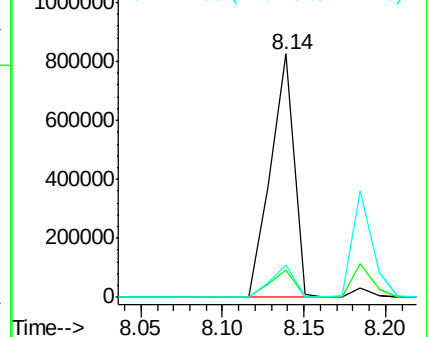
127 13.4 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.25 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

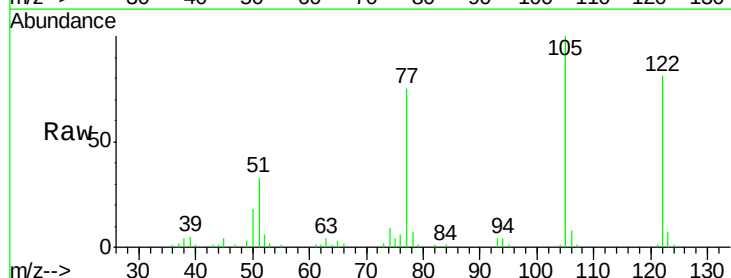
Tgt Ion:122 Resp: 135081

Ion Ratio Lower Upper

122 100

105 123.1 102.9 142.9

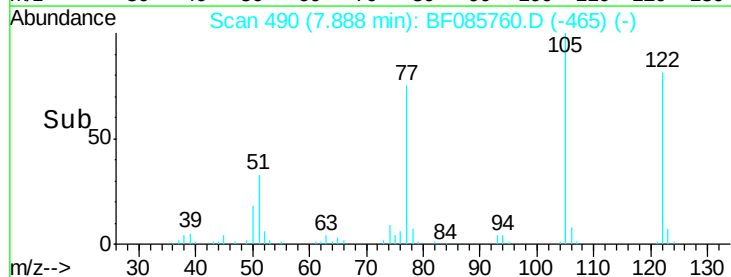
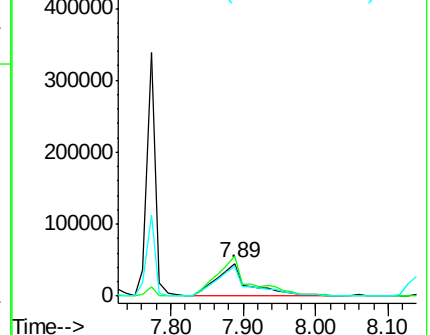
77 92.9 71.8 111.8

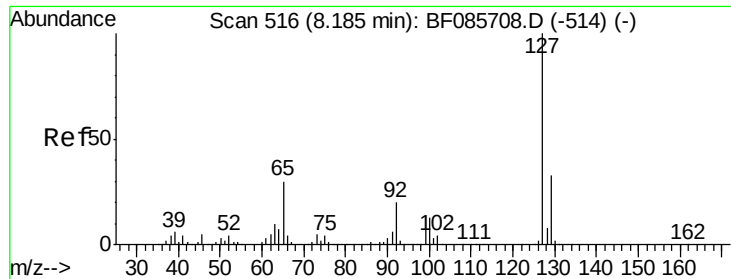


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

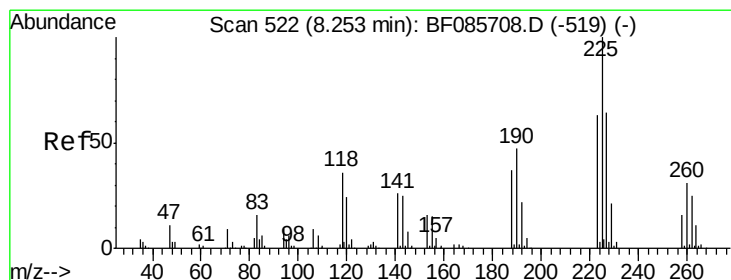
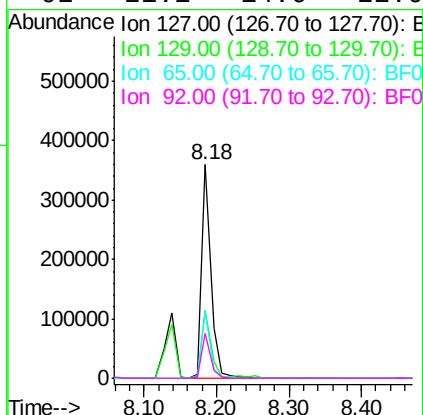
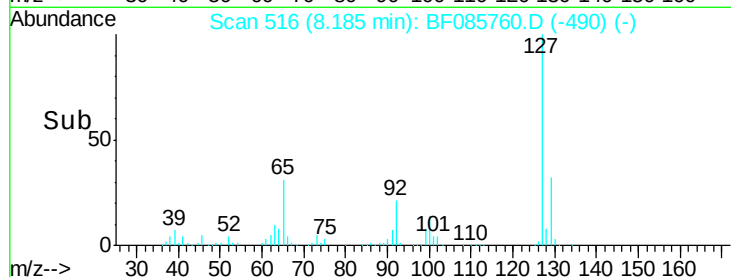
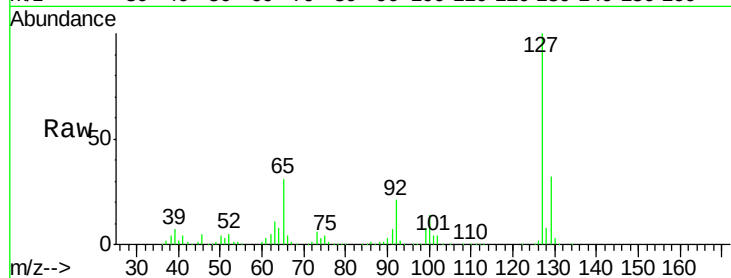




#33
4-Chloroaniline
Concen: 37.33 ng
RT: 8.18 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

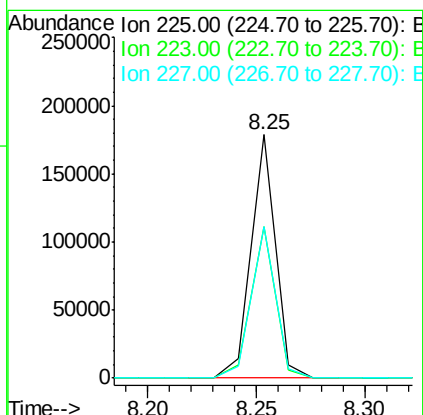
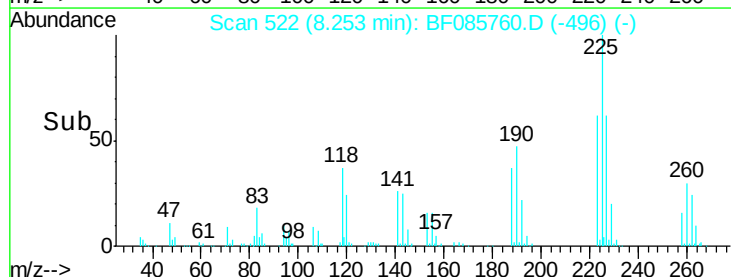
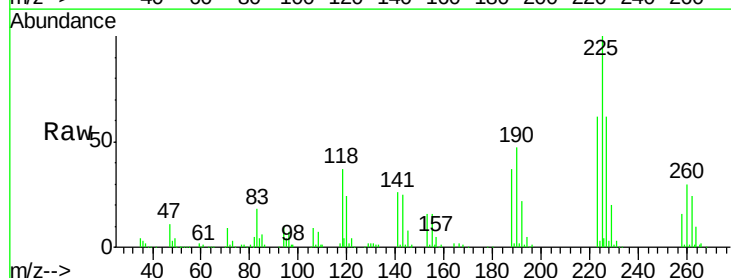
Instrument :
BNA_F
ClientSampled :

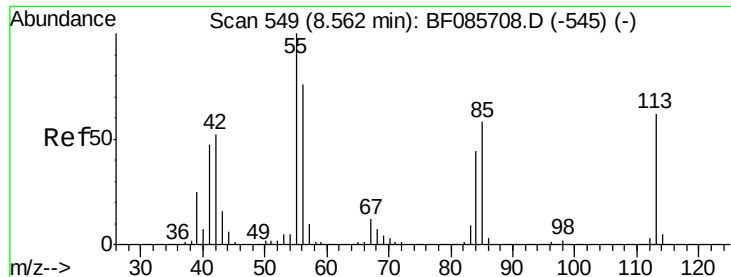
Tot Ion:	127	Resp:	322577
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	31.4	19.5	29.3
92	21.1	14.6	22.0



#34
Hexachlorobutadiene
Concen: 40.87 ng
RT: 8.25 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion:	225	Resp:	139408
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	62.4	51.4	77.2





#35

Caprolactam

Concen: 35.68 ng

RT: 8.56 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

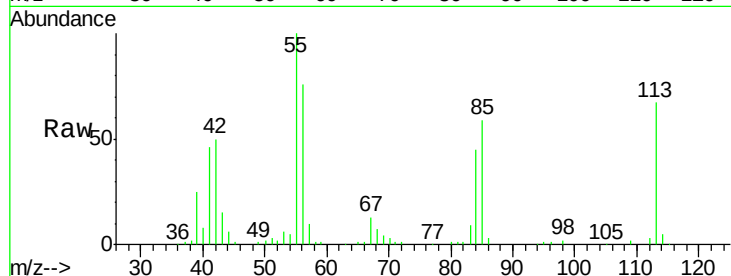
Tot Ion:113 Resp: 71451

Ion Ratio Lower Upper

113 100

55 149.0 139.4 179.4

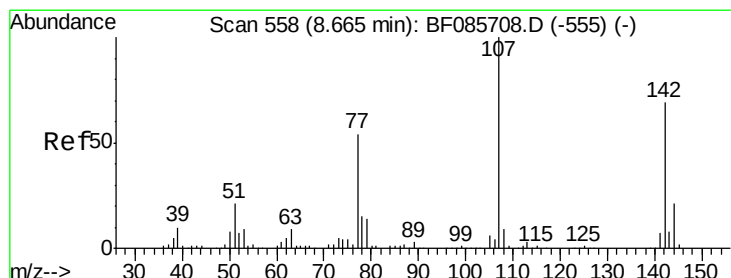
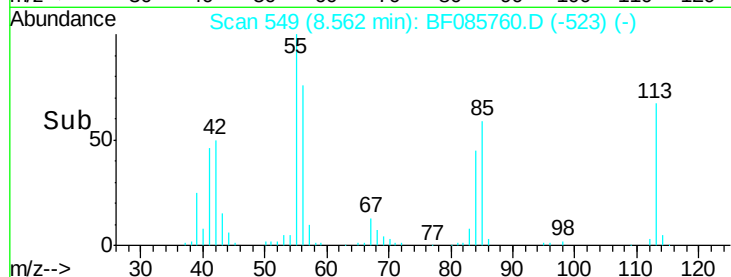
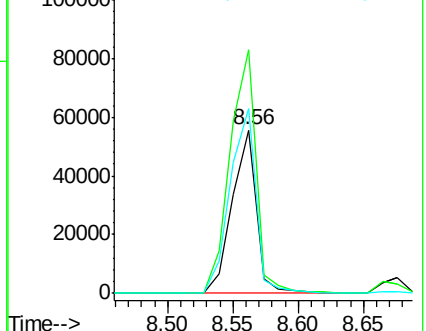
56 113.2 100.4 140.4



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: 34.73 ng

RT: 8.68 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

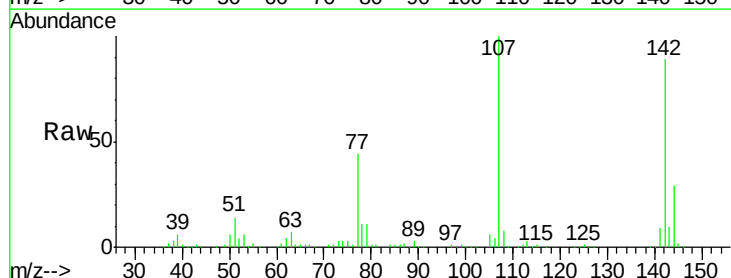
Tgt Ion:107 Resp: 229282

Ion Ratio Lower Upper

107 100

144 29.4 19.3 28.9#

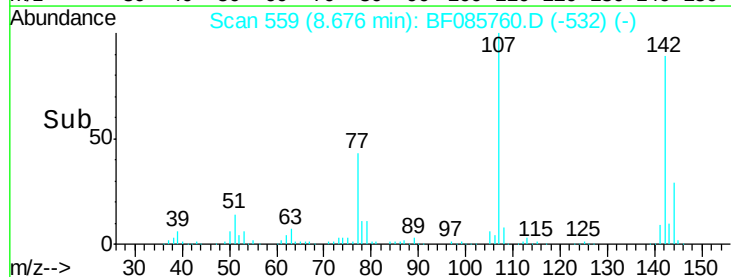
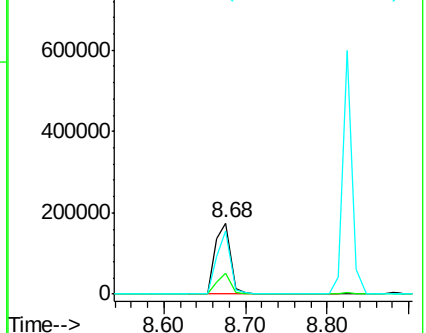
142 88.8 61.4 92.0

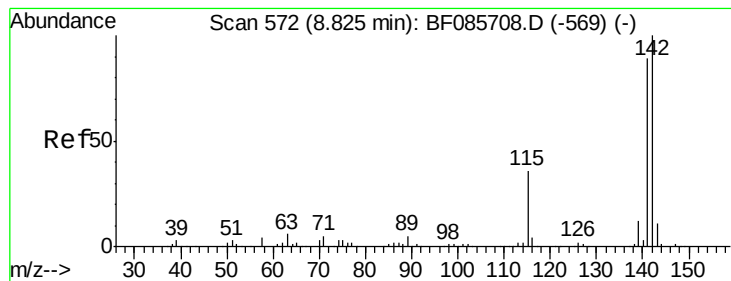


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.70 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

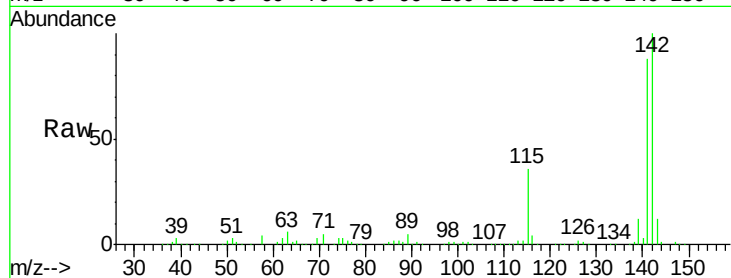
Tot Ion:142 Resp: 483961

Ion Ratio Lower Upper

142 100

141 88.0 71.6 107.4

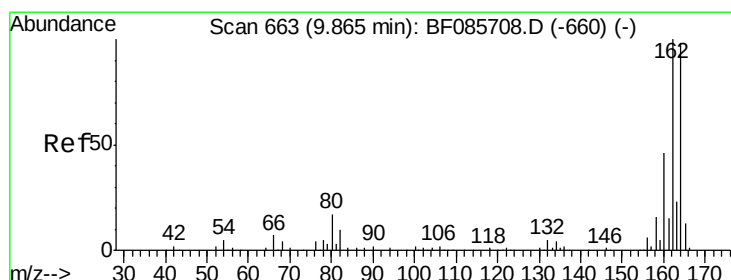
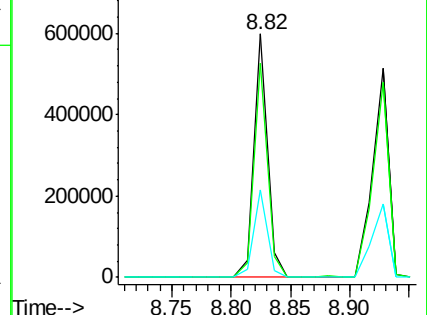
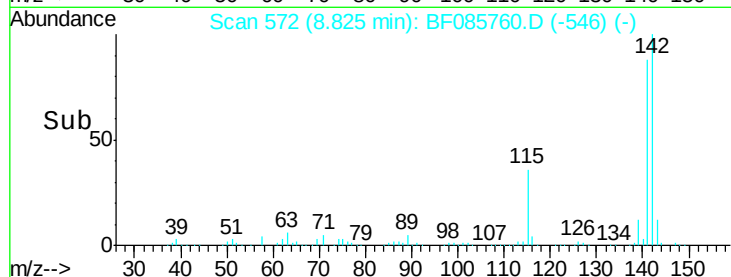
115 36.0 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

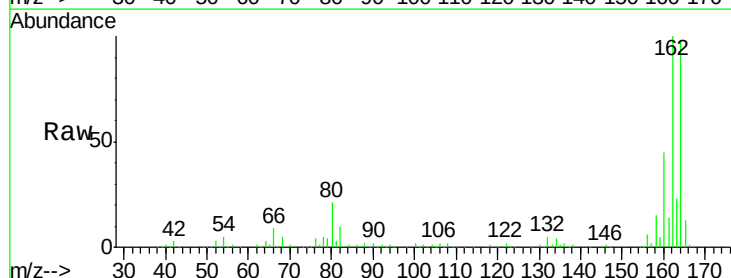
Tgt Ion:164 Resp: 165171

Ion Ratio Lower Upper

164 100

162 101.7 82.1 123.1

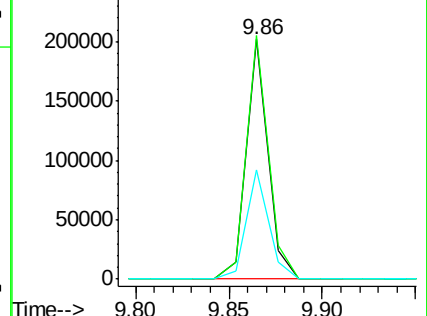
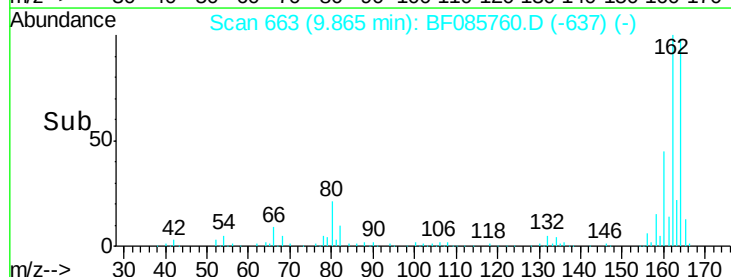
160 45.8 37.4 56.2

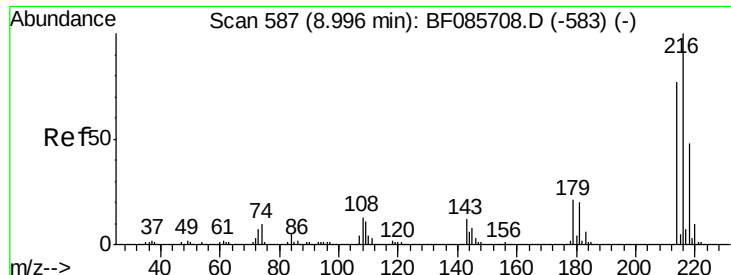


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

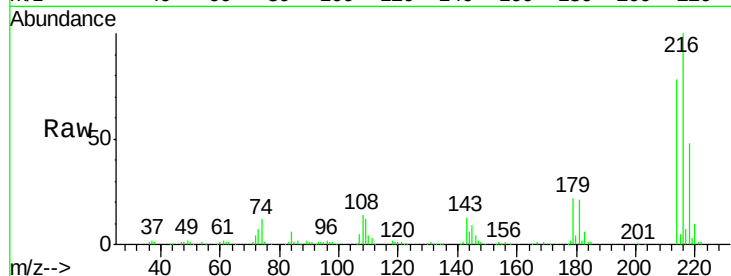




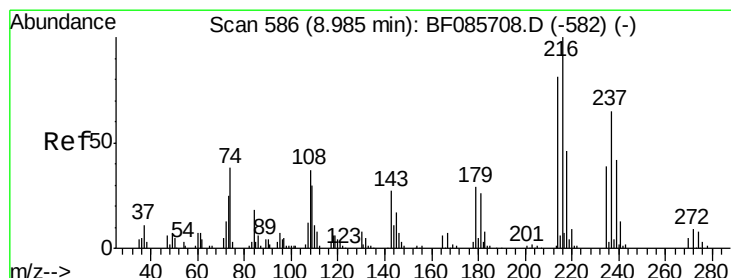
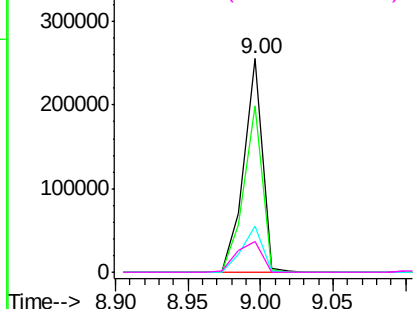
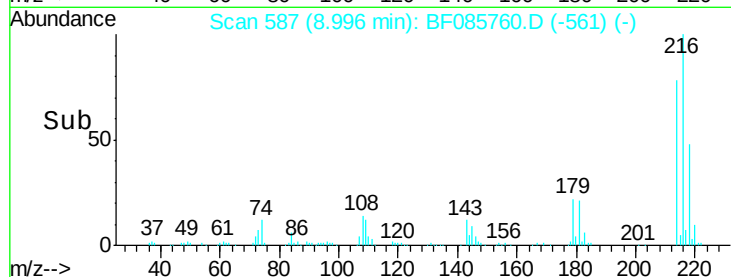
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.64 ng
 RT: 9.00 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	228450
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.1 94.7
179	23.1	18.2 27.2
108	19.5	17.3 25.9

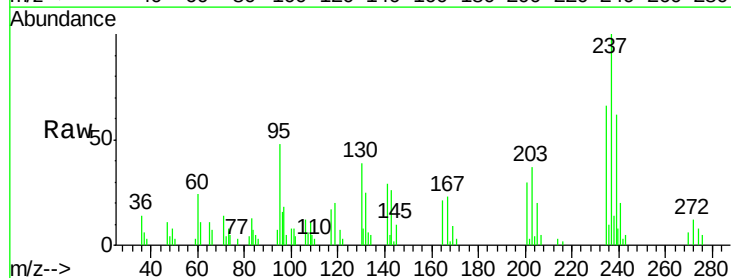


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

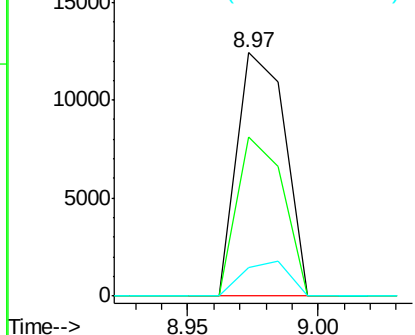
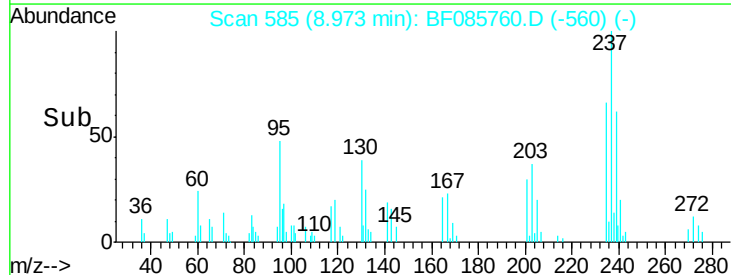


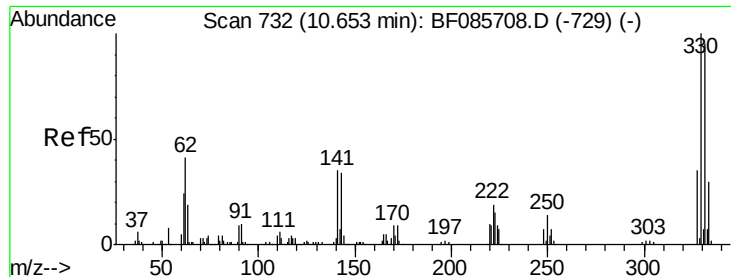
#40
 Hexachlorocyclopentadiene
 Concen: 16.12 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion:237	Resp:	15987
Ion Ratio	Lower	Upper
237	100	
235	65.6	43.7 83.7
272	11.7	0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

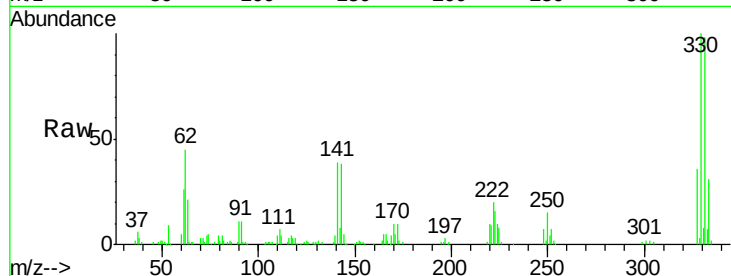




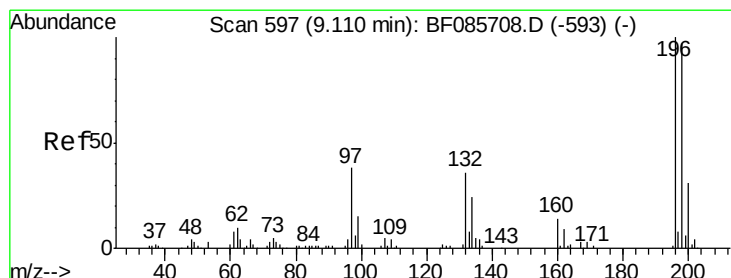
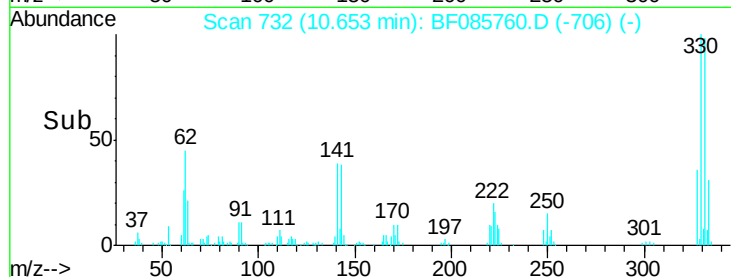
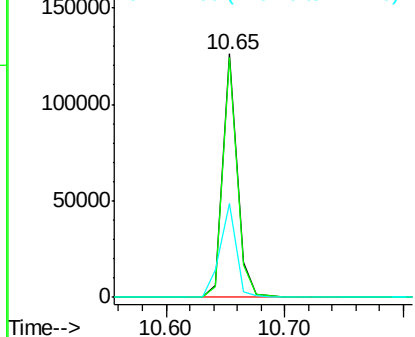
#41
 2,4,6-Tribromophenol
 Concen: 67.15 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	43.4	31.5	47.3

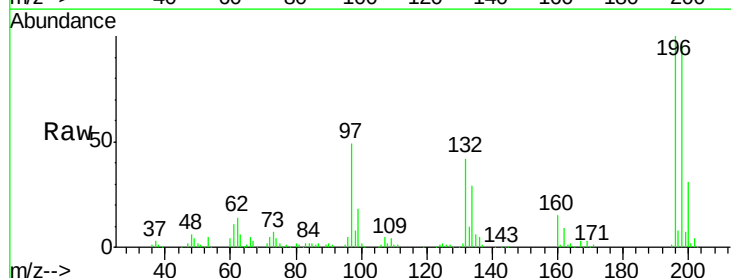


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

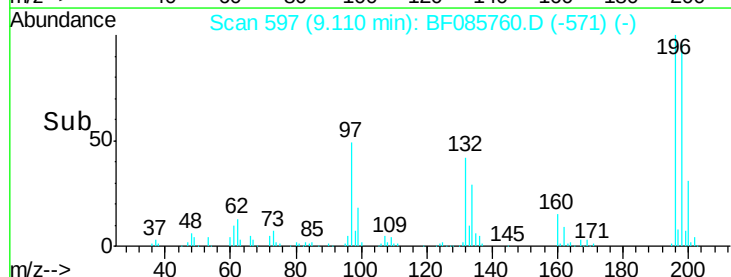
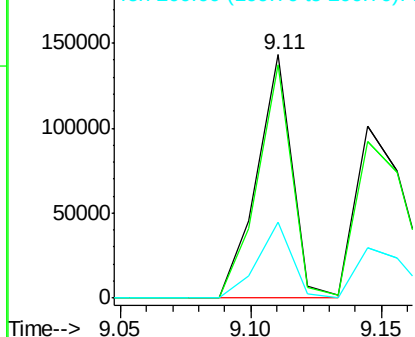


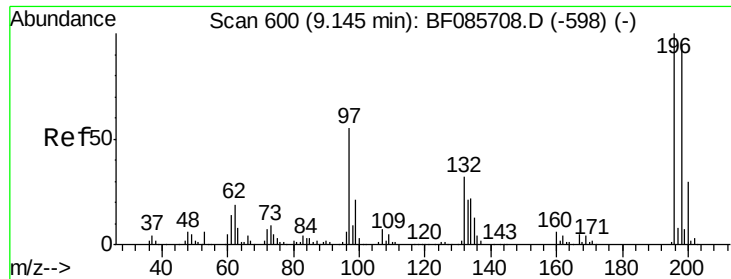
#42
 2,4,6-Trichlorophenol
 Concen: 40.84 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.3	112.9
200	31.0	23.7	35.5



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

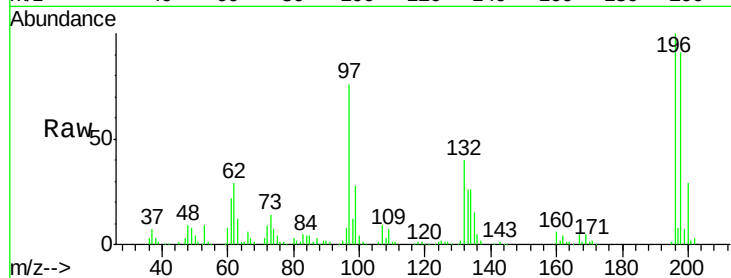




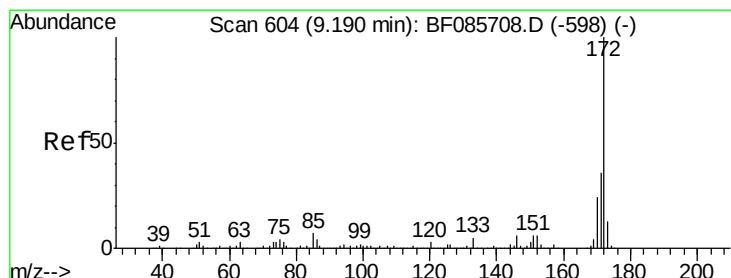
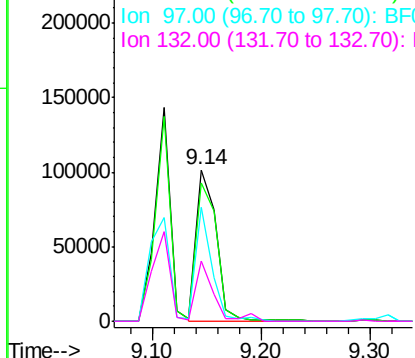
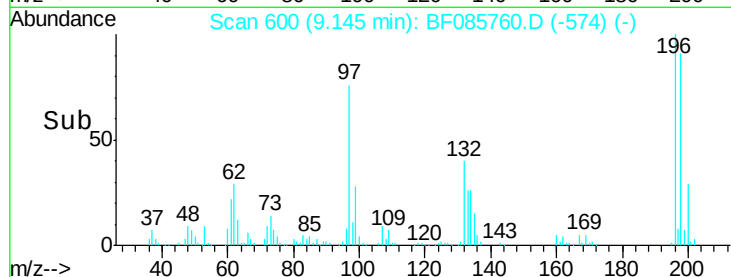
#43
2,4,5-Trichlorophenol
Concen: 37.31 ng
RT: 9.14 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 129444
Ion Ratio Lower Upper
196 100
198 91.1 76.6 114.8
97 75.5 30.5 45.7#
132 39.5 20.2 30.2#

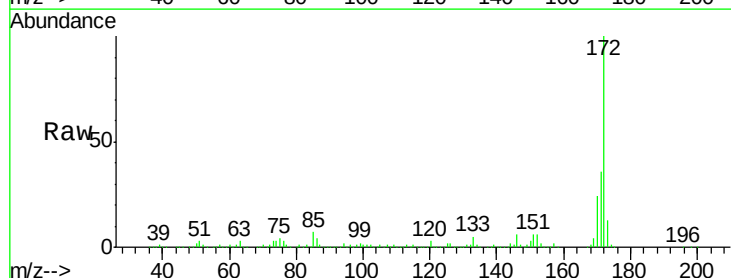


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

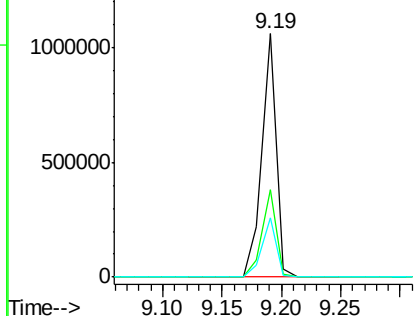
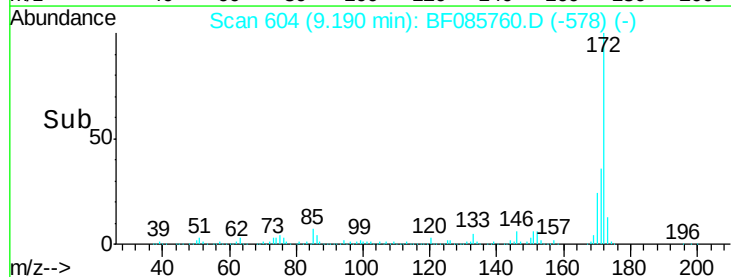


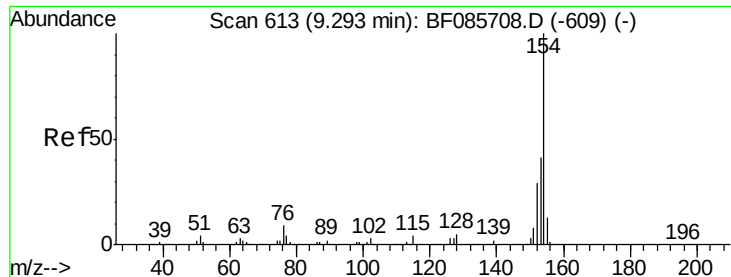
#44
2-Fluorobiphenyl
Concen: 91.60 ng
RT: 9.19 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion:172 Resp: 905530
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.2
170 24.2 19.8 29.6



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: 45.15 ng

RT: 9.29 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

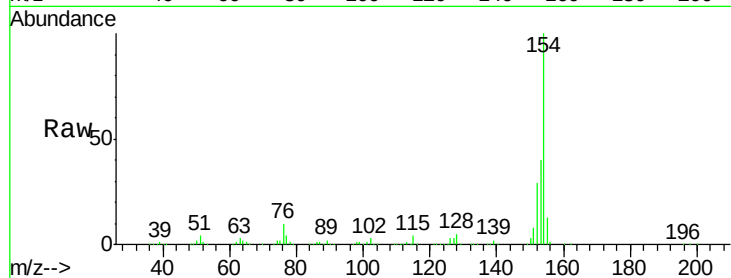
Tot Ion:154 Resp: 629250

Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

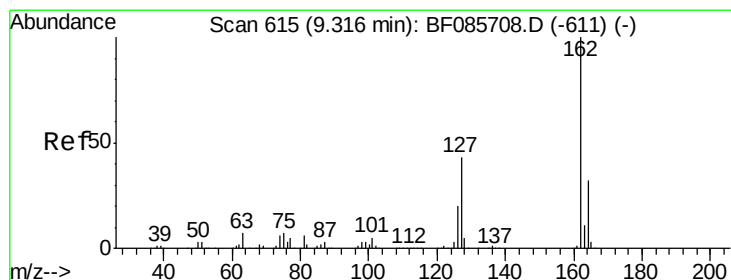
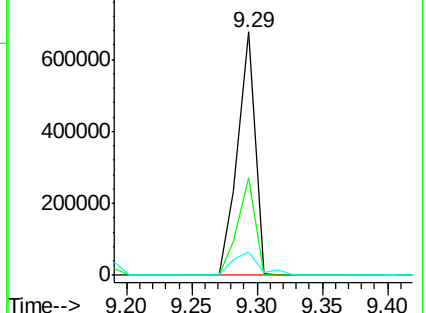
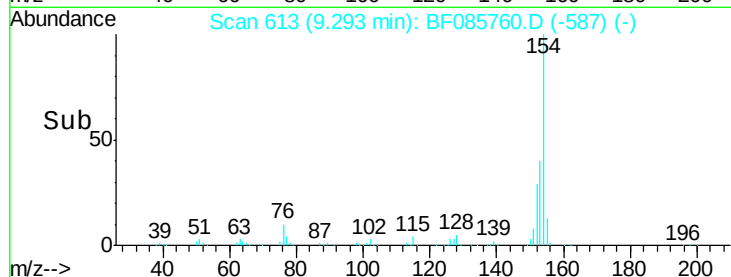
76 9.7 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.49 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

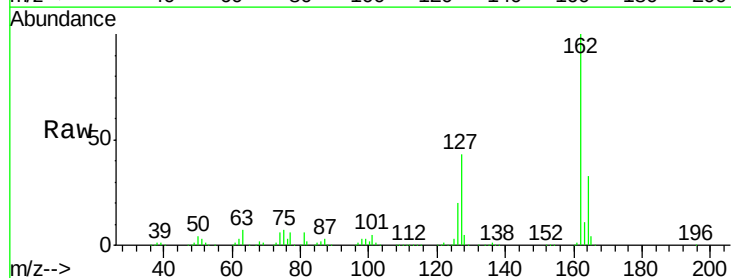
Tgt Ion:162 Resp: 455994

Ion Ratio Lower Upper

162 100

127 42.9 31.7 47.5

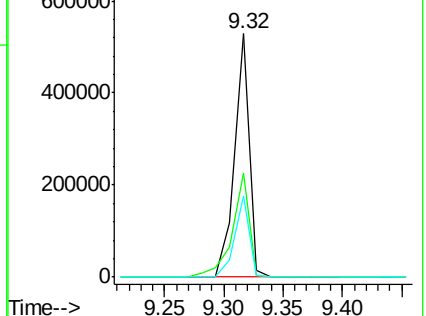
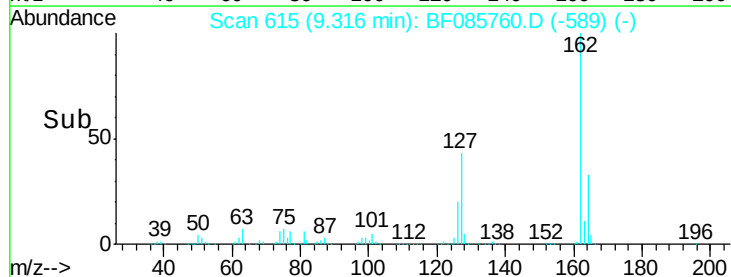
164 33.3 27.3 40.9

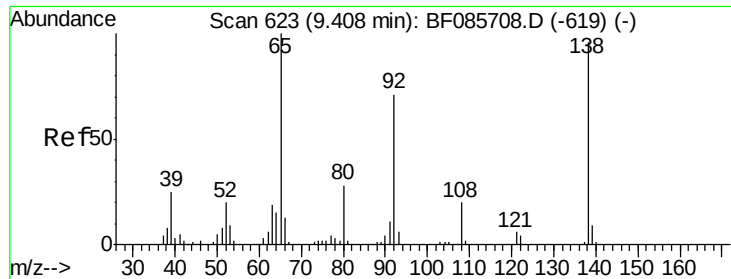


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

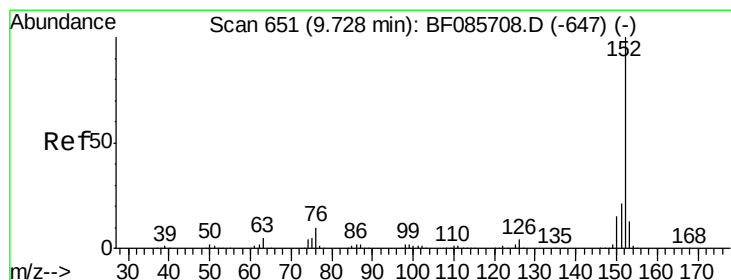
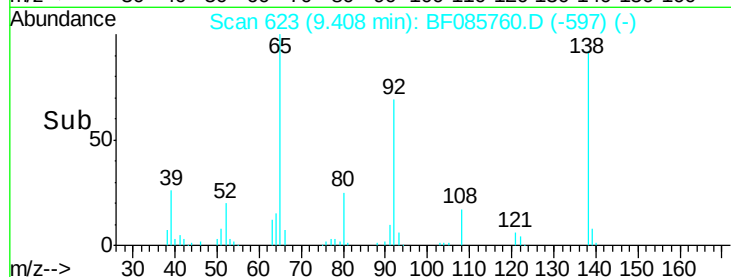
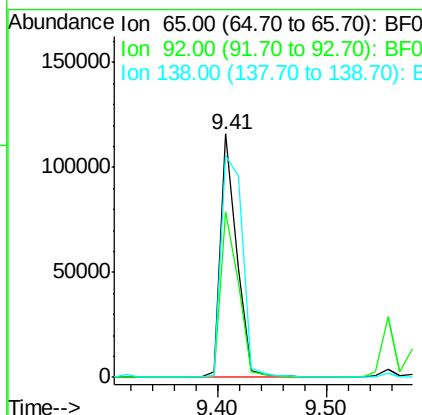
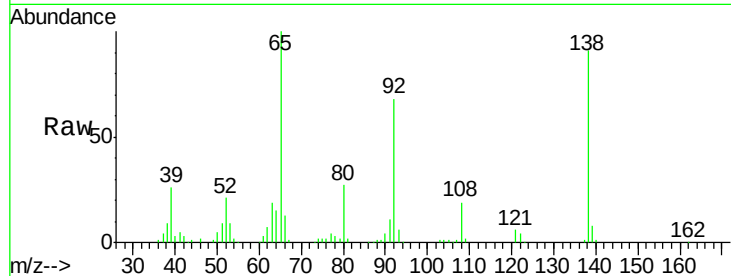




#47
2-Nitroaniline
Concen: 38.80 ng
RT: 9.41 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

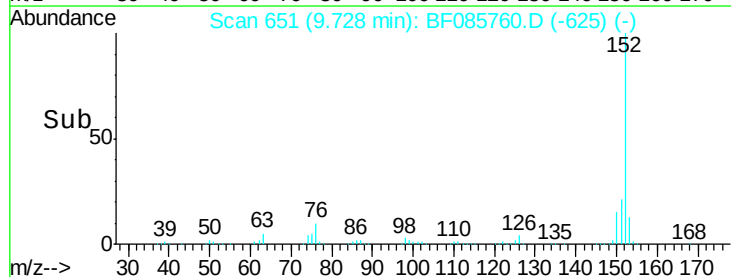
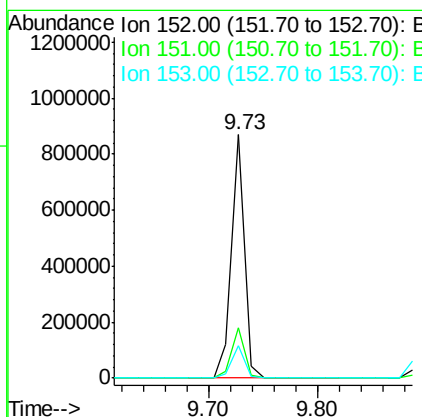
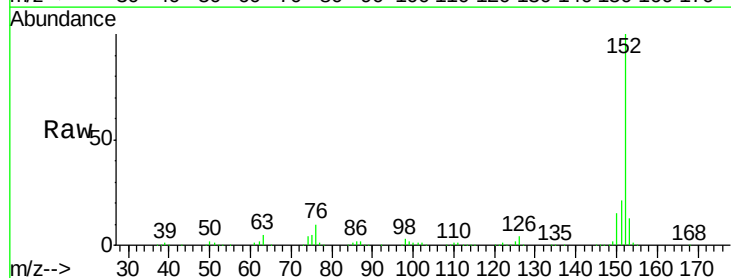
Instrument :
BNA_F
ClientSampleId :

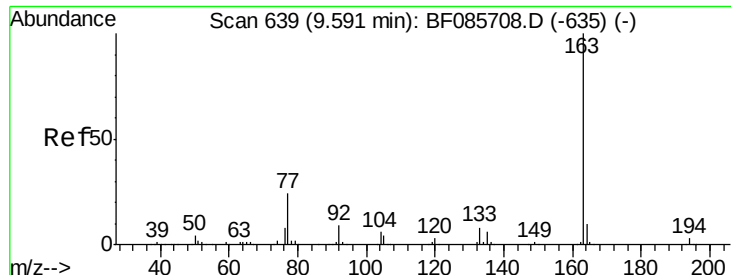
Tot Ion: 65 Resp: 121589
Ion Ratio Lower Upper
65 100
92 68.2 59.7 89.5
138 91.4 91.4 137.0



#48
Acenaphthylene
Concen: 42.73 ng
RT: 9.73 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion: 152 Resp: 713584
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.1 10.9 16.3

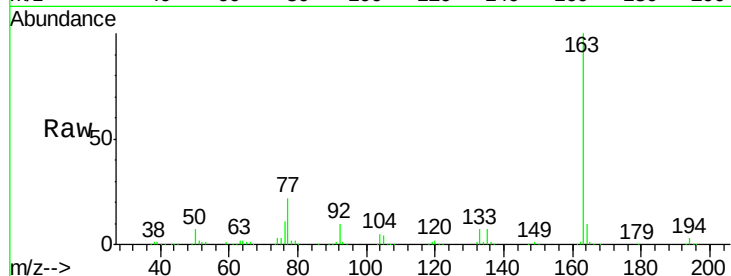




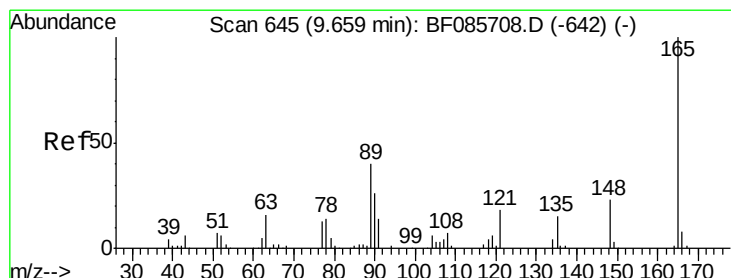
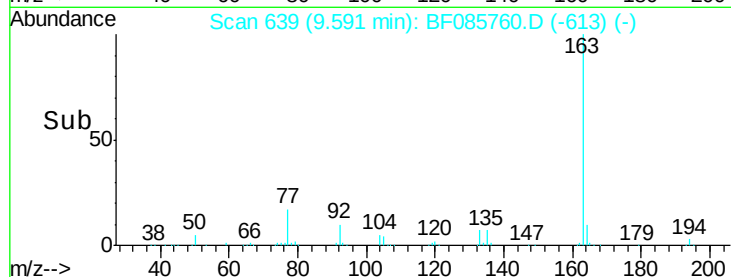
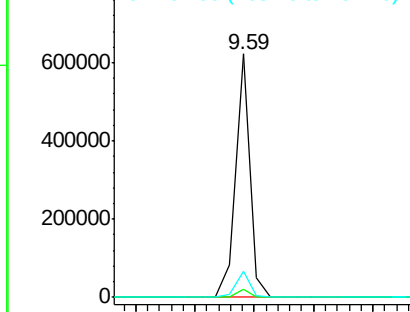
#49
Dimethylphthalate
Concen: 41.49 ng
RT: 9.59 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 519918
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.5 8.3 12.5

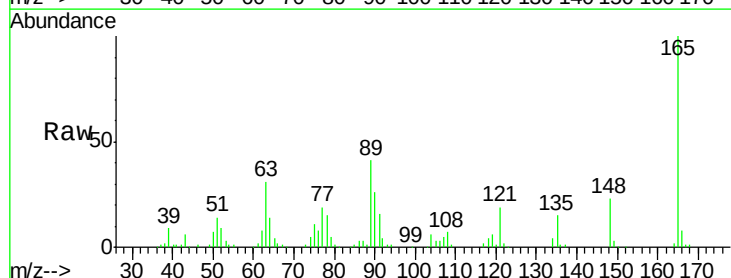


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

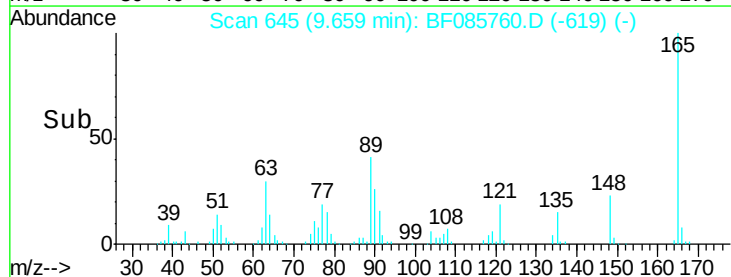
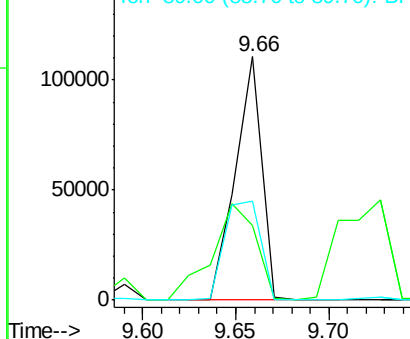


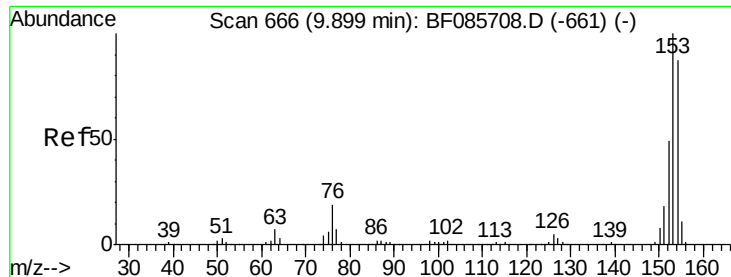
#50
2,6-Dinitrotoluene
Concen: 40.76 ng
RT: 9.66 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion:165 Resp: 109931
Ion Ratio Lower Upper
165 100
63 30.7 51.8 77.8#
89 40.7 53.7 80.5#



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





#51

Acenaphthene

Concen: 39.10 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

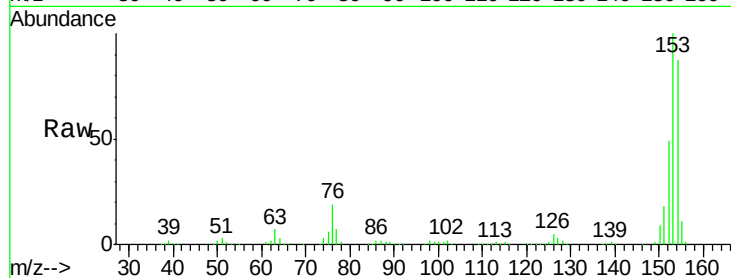
Tot Ion:154 Resp: 398824

Ion Ratio Lower Upper

154 100

153 114.5 90.1 135.1

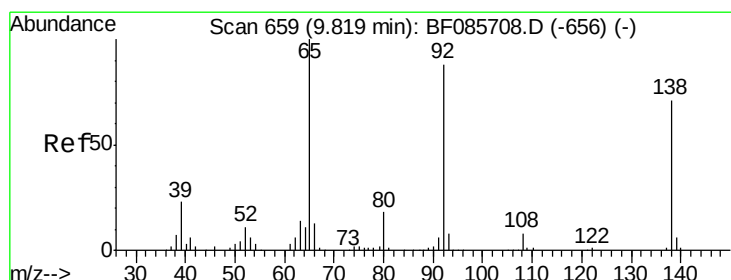
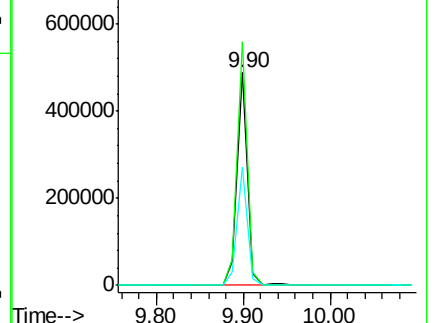
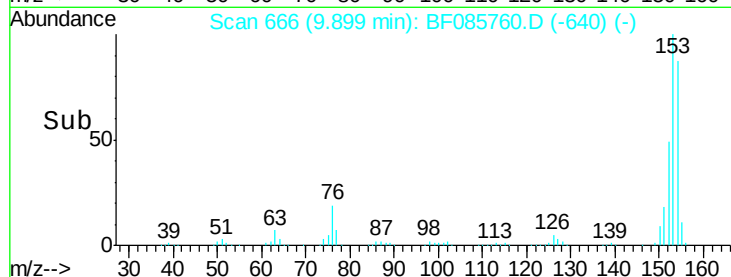
152 55.6 44.2 66.2



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: 37.51 ng

RT: 9.82 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

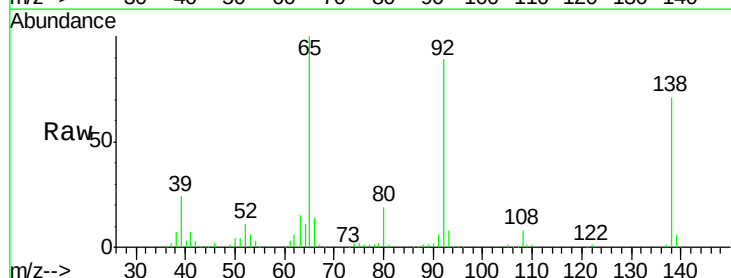
Tgt Ion:138 Resp: 115821

Ion Ratio Lower Upper

138 100

108 11.4 8.7 13.1

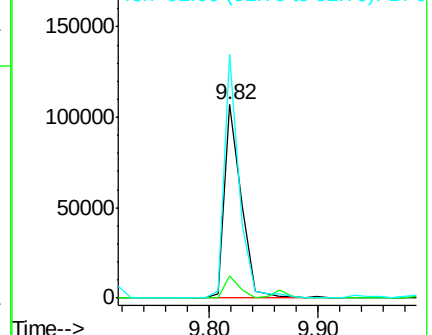
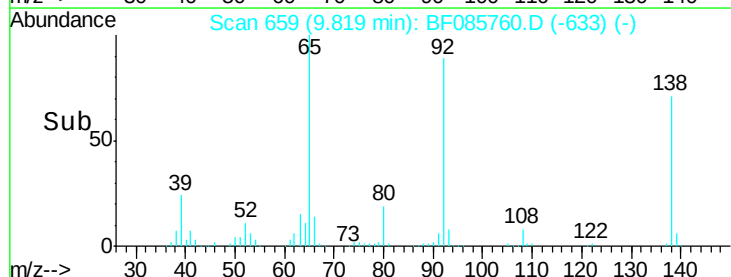
92 126.0 93.3 139.9

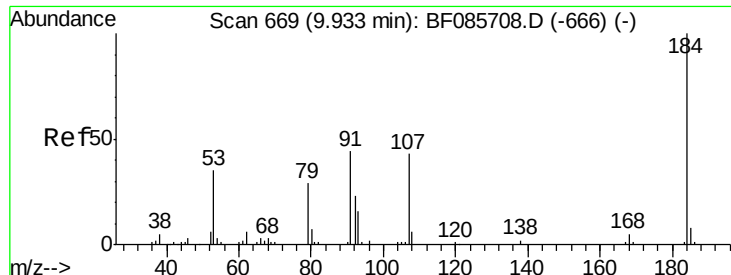


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

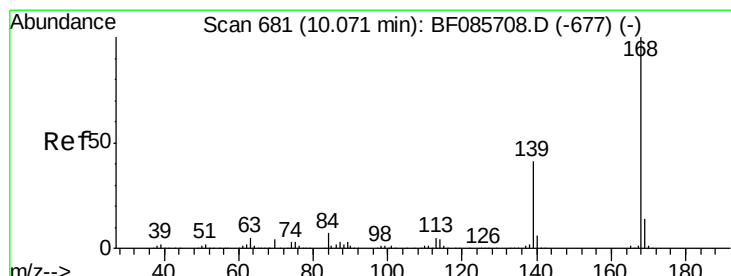
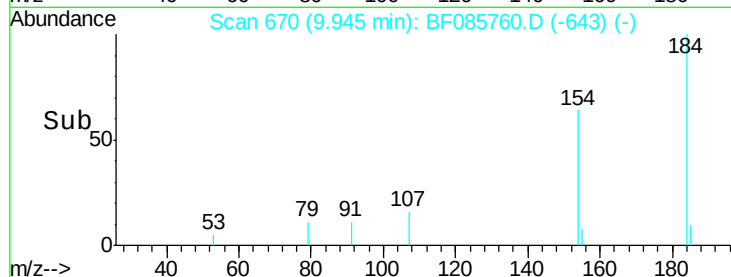
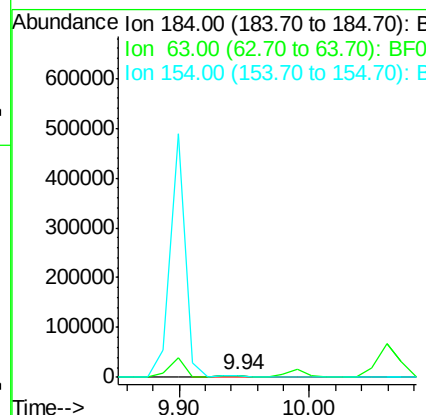
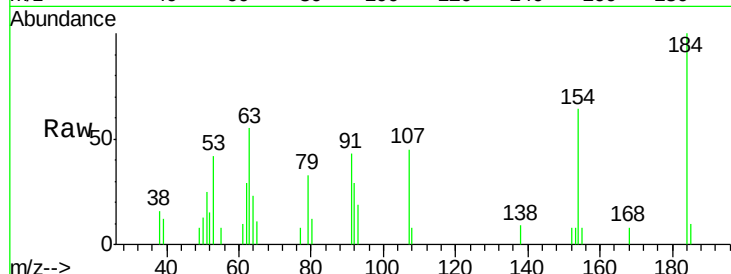




#53
 2,4-Dinitrophenol
 Concen: 11.81 ng
 RT: 9.94 min Scan# 670
 Delta R.T. 0.01 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

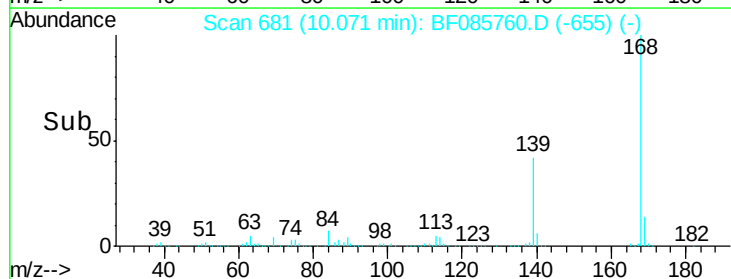
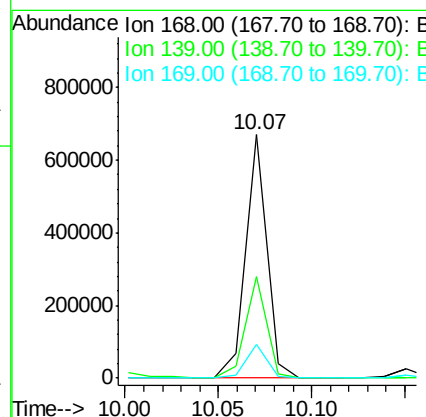
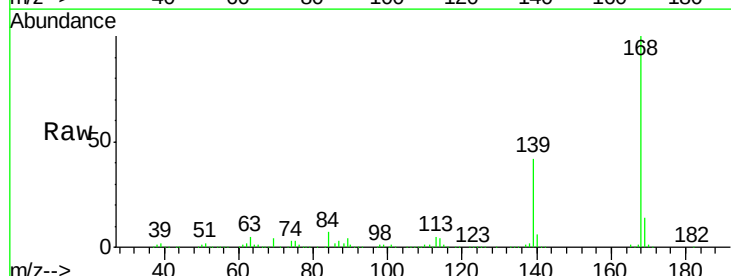
Instrument :
 BNA_F
 ClientSampled :

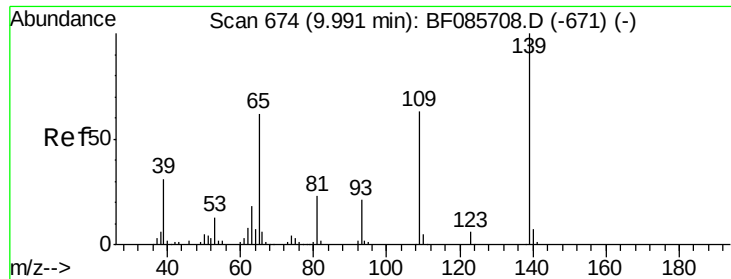
Tot Ion:184 Resp: 8510
 Ion Ratio Lower Upper
 184 100
 63 54.9 69.5 104.3#
 154 64.3 58.3 87.5



#54
 Dibenzofuran
 Concen: 40.46 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion:168 Resp: 534125
 Ion Ratio Lower Upper
 168 100
 139 41.7 31.9 47.9
 169 13.7 11.0 16.6

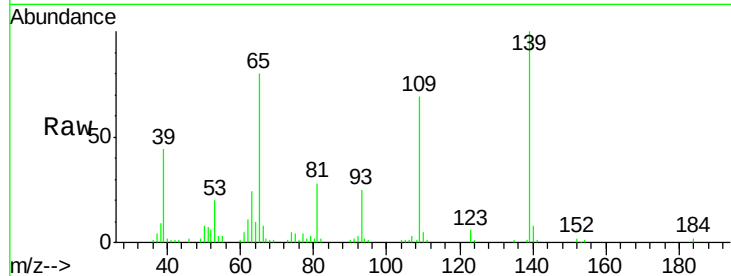




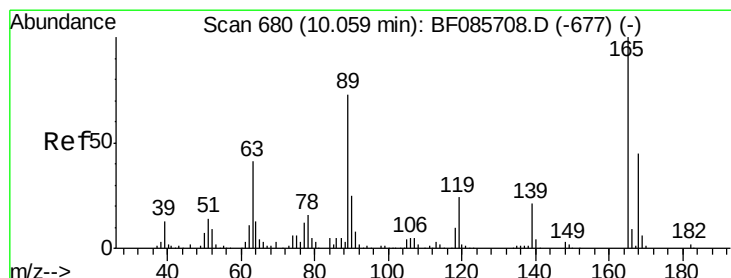
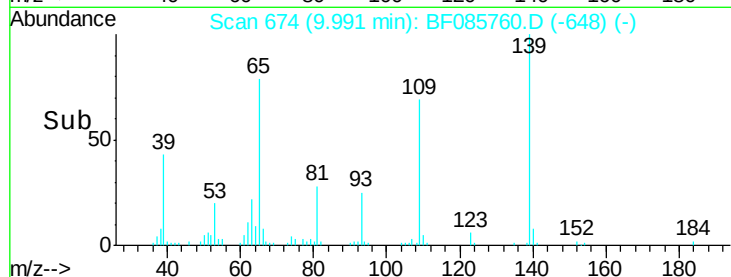
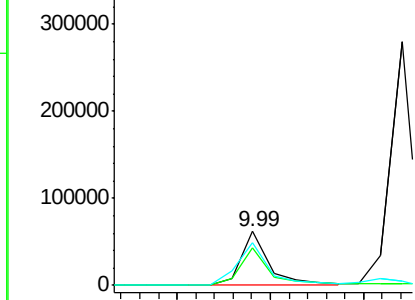
#55
4-Nitrophenol
Concen: 32.81 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 65985
Ion Ratio Lower Upper
139 100
109 68.7 49.2 89.2
65 79.9 66.9 106.9

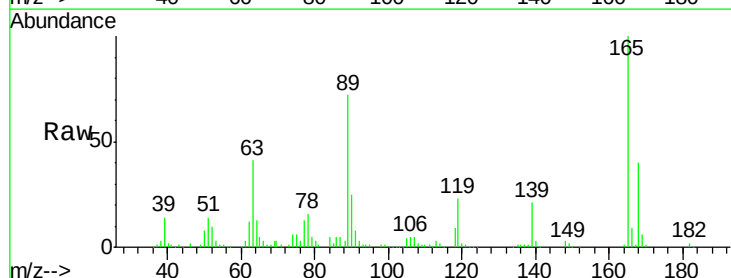


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

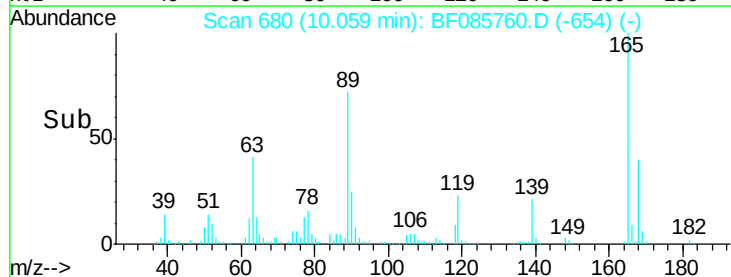
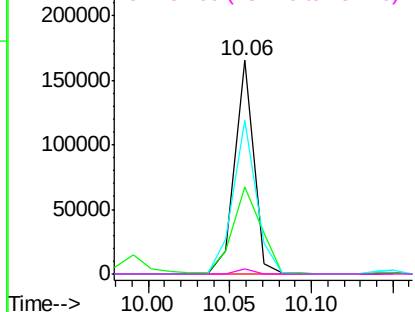


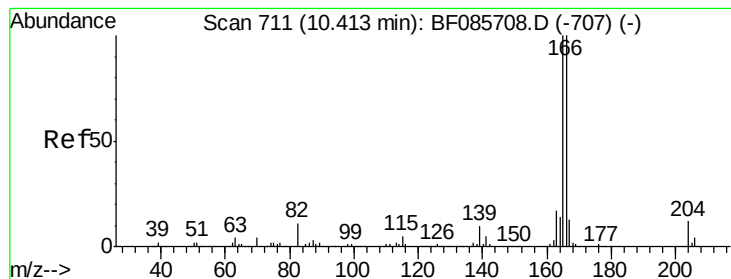
#56
2,4-Dinitrotoluene
Concen: 38.46 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion:165 Resp: 131851
Ion Ratio Lower Upper
165 100
63 40.8 24.9 37.3#
89 71.9 41.0 61.6#
182 2.5 2.1 3.1



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: 39.56 ng

RT: 10.41 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

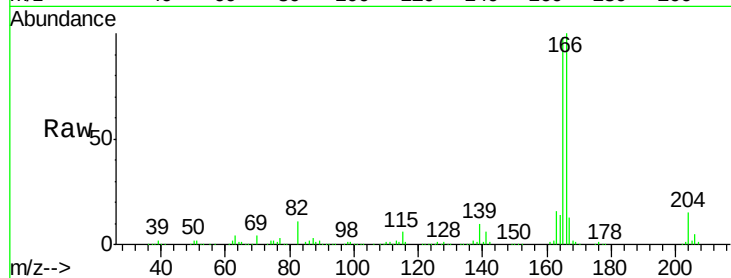
Tot Ion:166 Resp: 434182

Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.0

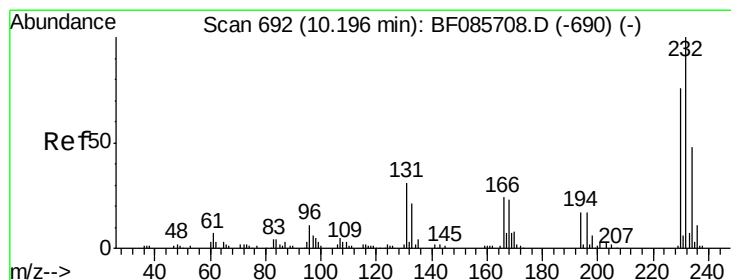
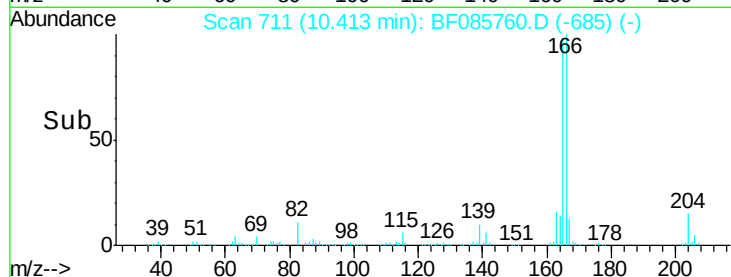
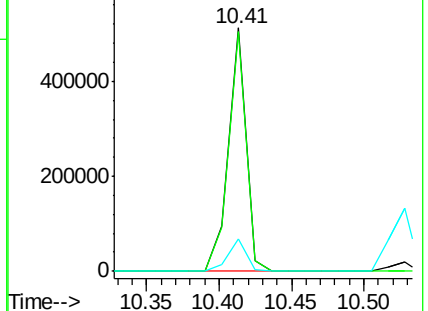
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.55 ng

RT: 10.20 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Tgt Ion:232 Resp: 83316

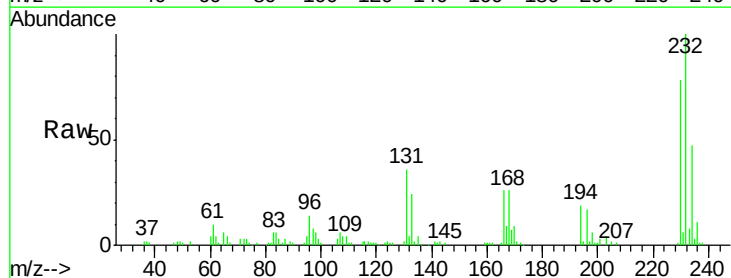
Ion Ratio Lower Upper

232 100

131 54.8 44.9 67.3

130 2.8 2.3 3.5

166 33.1 28.1 42.1

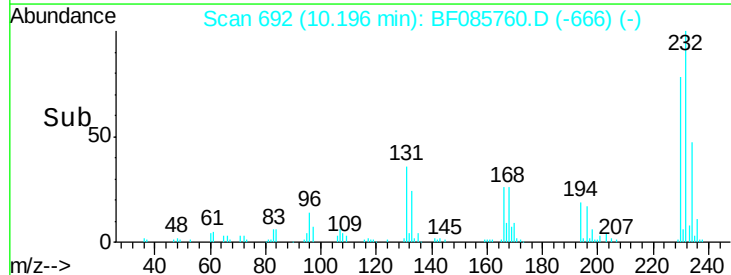
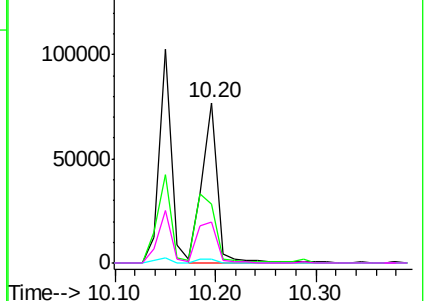


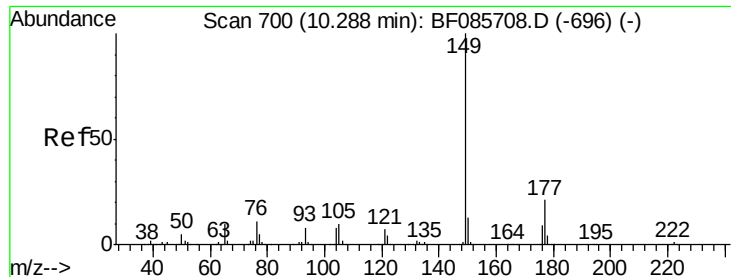
Abundance Ion 232.00 (231.70 to 232.70): E

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

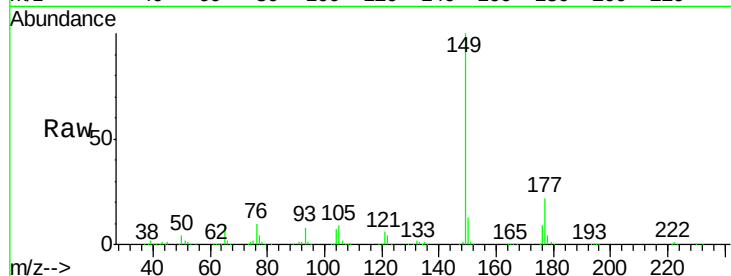




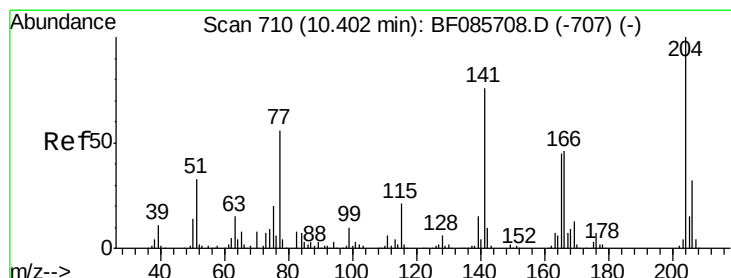
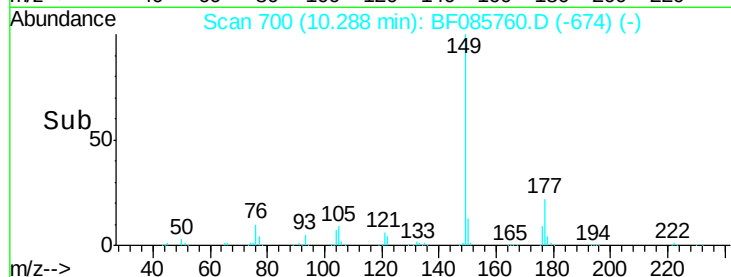
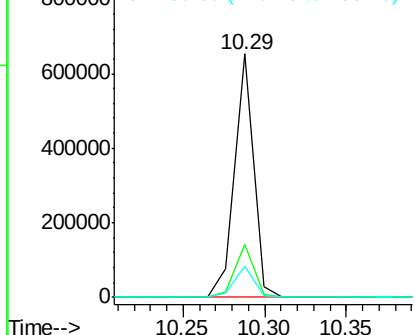
#59
Diethylphthalate
Concen: 42.19 ng
RT: 10.29 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 522298
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.9 10.2 15.2

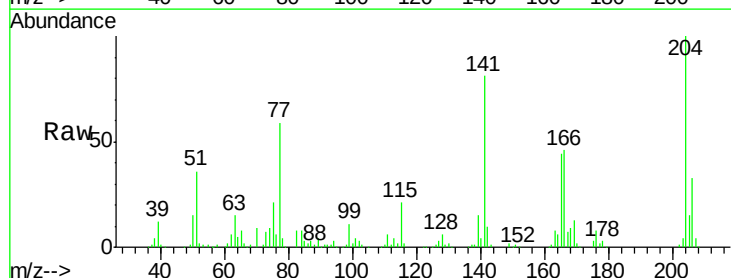


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

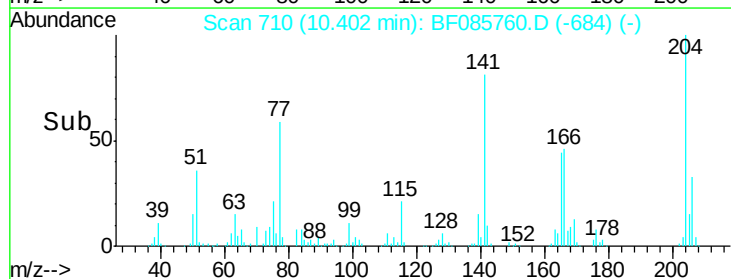
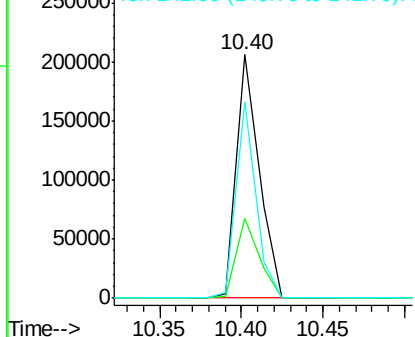


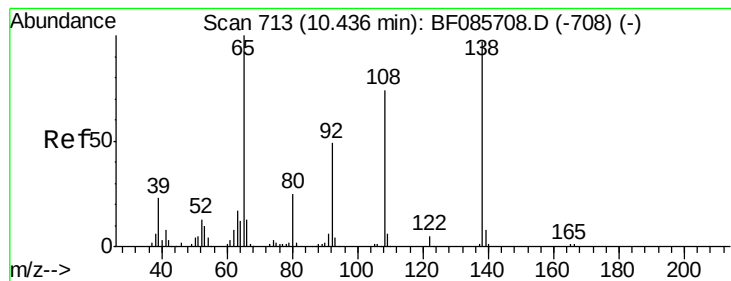
#60
4-Chlorophenyl-phenylether
Concen: 36.81 ng
RT: 10.40 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion:204 Resp: 197497
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 80.6 57.4 86.0



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

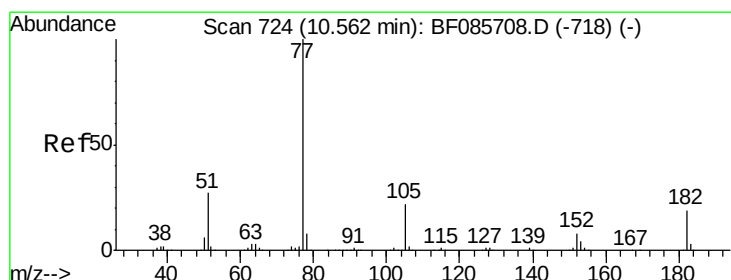
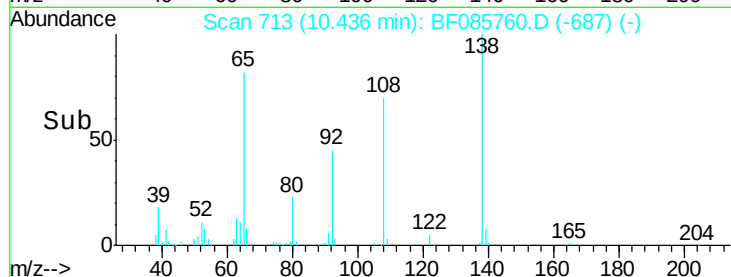
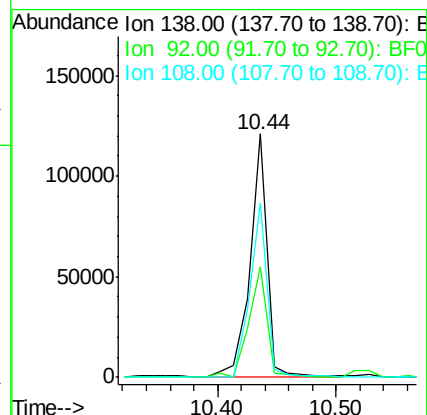
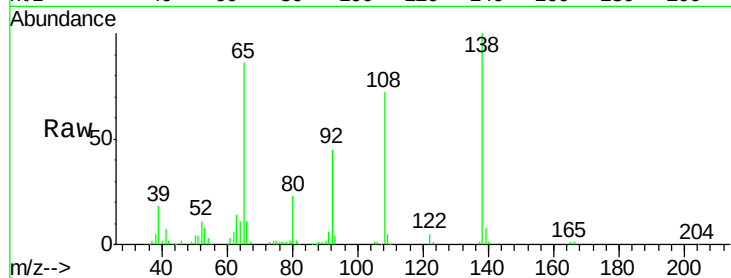




#61
4-Nitroaniline
Concen: 40.74 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

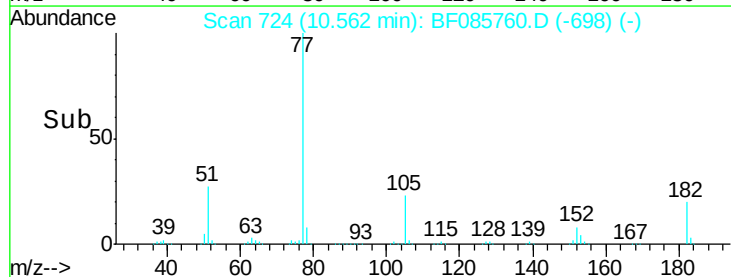
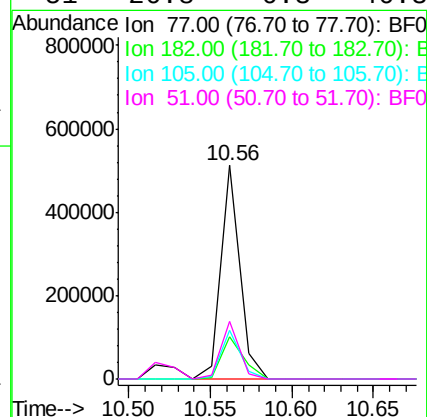
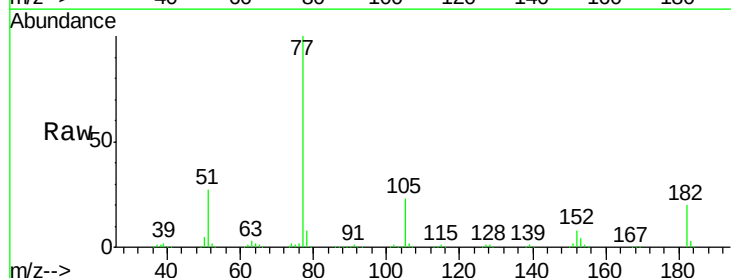
Instrument :
BNA_F
ClientSampleId :

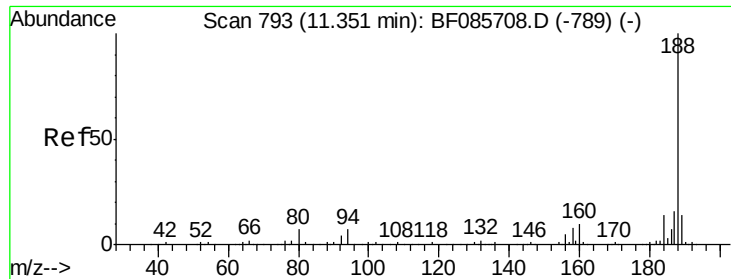
Tot Ion:138 Resp: 120318
Ion Ratio Lower Upper
138 100
92 45.2 26.4 66.4
108 71.6 49.0 89.0



#62
Azobenzene
Concen: 34.79 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion: 77 Resp: 413888
Ion Ratio Lower Upper
77 100
182 19.5 1.9 41.9
105 22.6 3.5 43.5
51 26.8 6.3 46.3

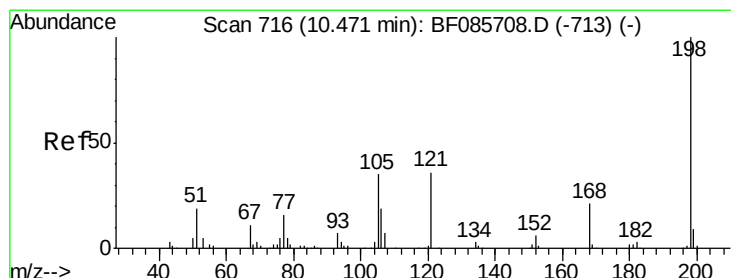
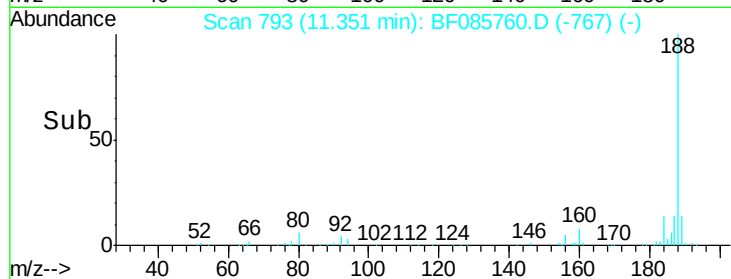
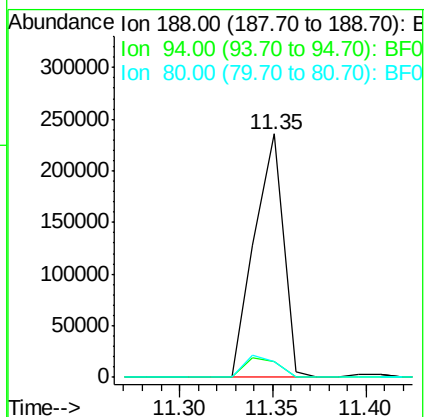
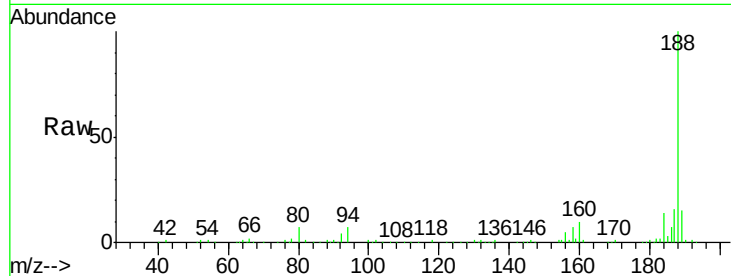




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

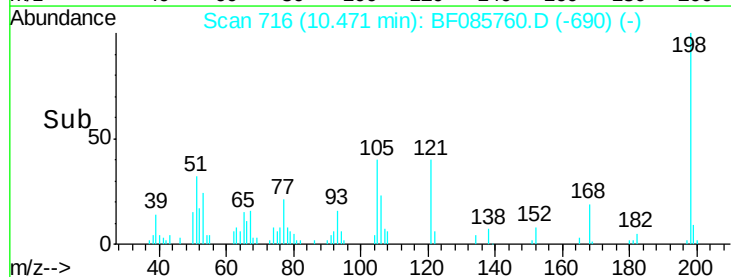
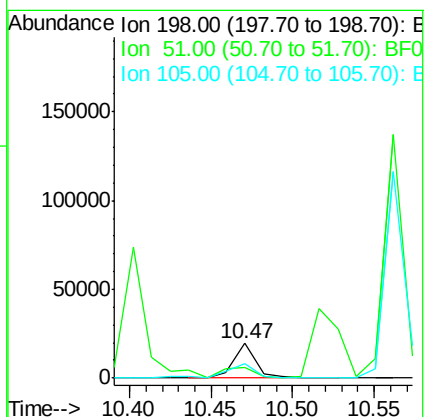
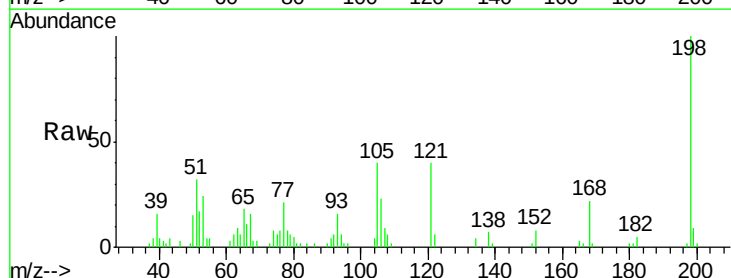
Instrument :
 BNA_F
 ClientSampleId :

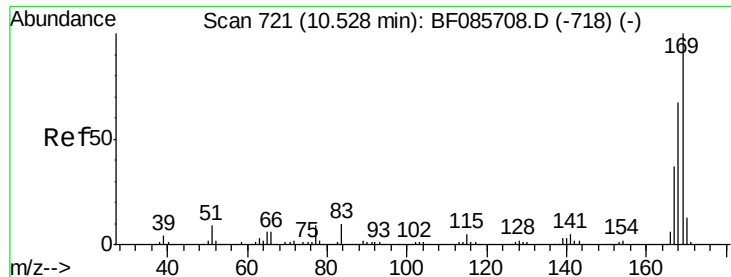
Tot Ion:188 Resp: 254168
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.4 8.0
 80 6.7 5.5 8.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.16 ng
 RT: 10.47 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion:198 Resp: 18097
 Ion Ratio Lower Upper
 198 100
 51 31.8 45.4 85.4#
 105 40.5 45.9 85.9#

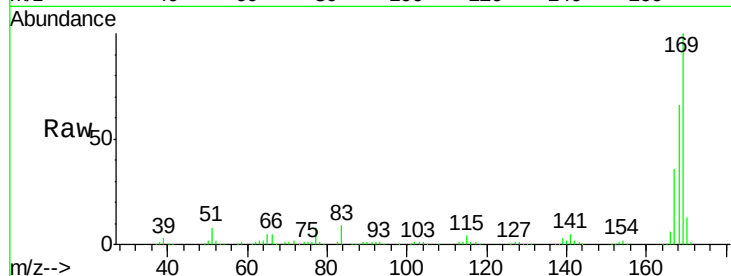




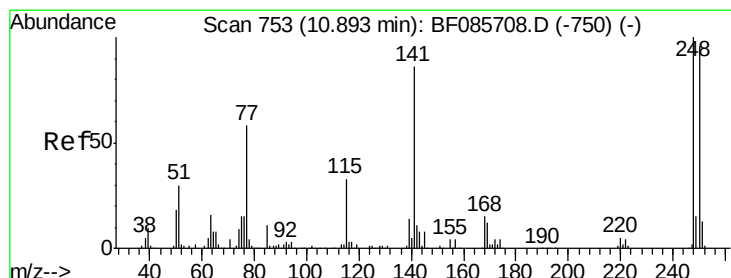
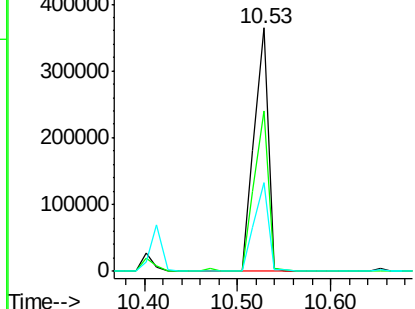
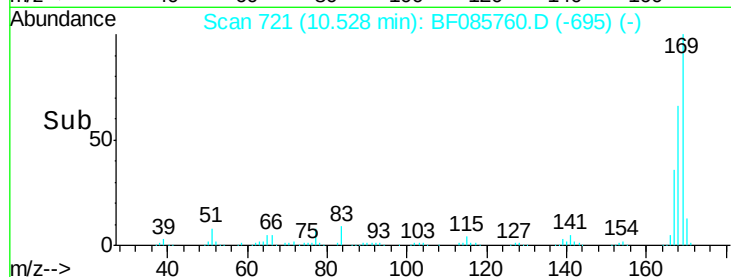
#65
 n-Nitrosodiphenylamine
 Concen: 47.20 ng
 RT: 10.53 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	36.4	29.4	44.0

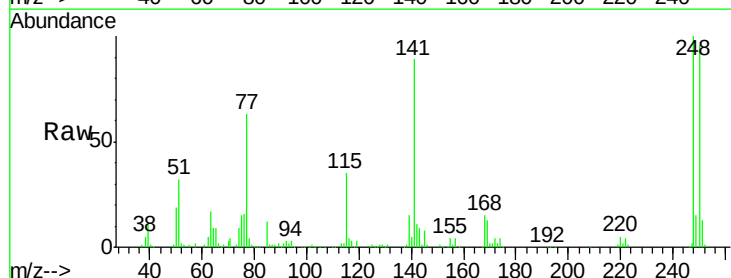


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

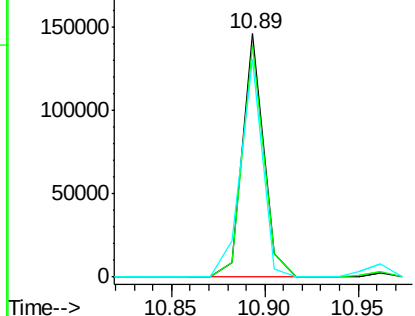
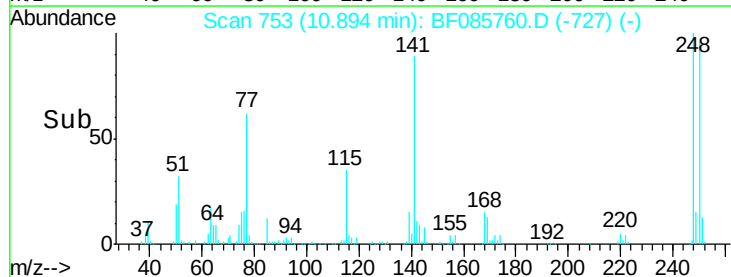


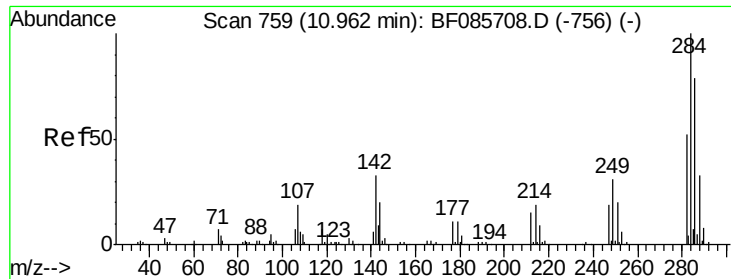
#66
 4-Bromophenyl-phenylether
 Concen: 44.92 ng
 RT: 10.89 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.0
141	89.4	63.6	95.4



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: 41.59 ng

RT: 10.96 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

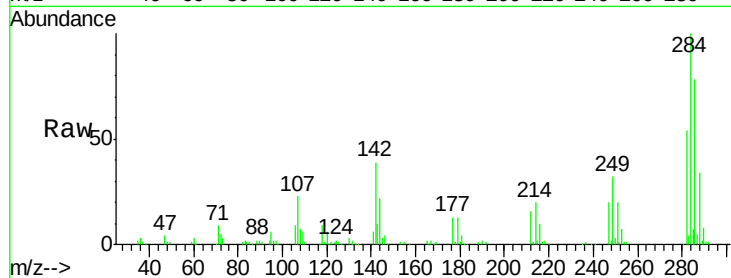
Tot Ion:284 Resp: 113111

Ion Ratio Lower Upper

284 100

142 38.5 23.1 34.7#

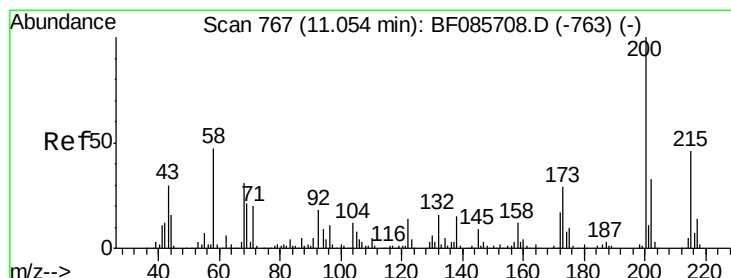
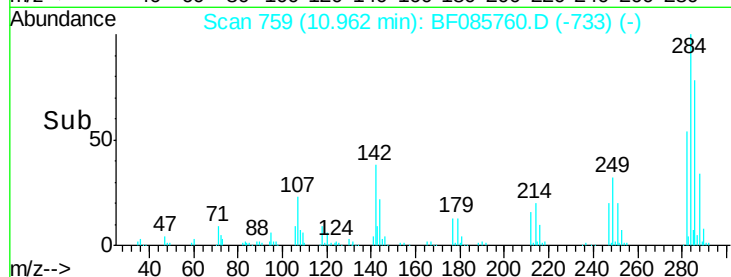
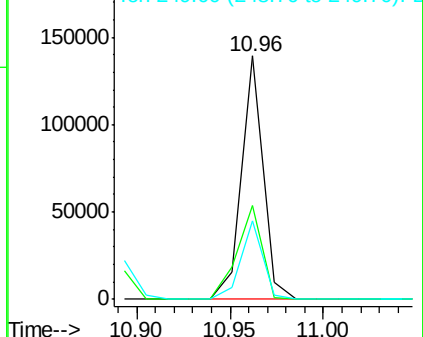
249 32.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.47 ng

RT: 11.05 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

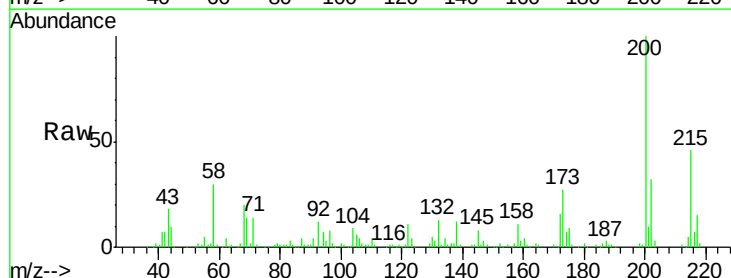
Tgt Ion:200 Resp: 120879

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

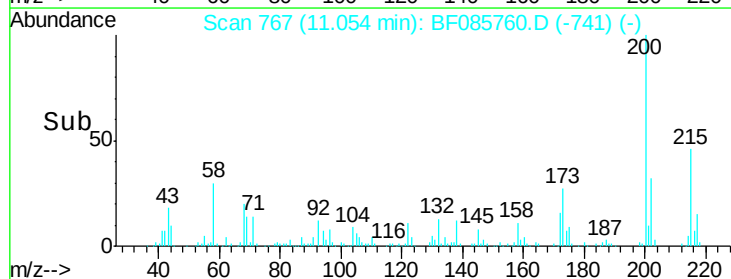
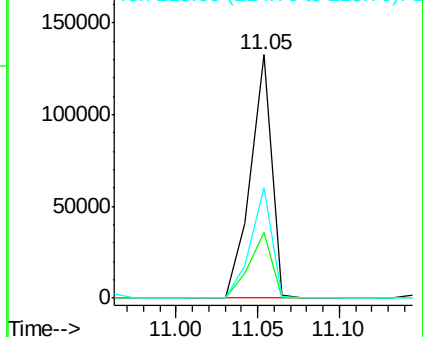
215 45.6 25.4 65.4

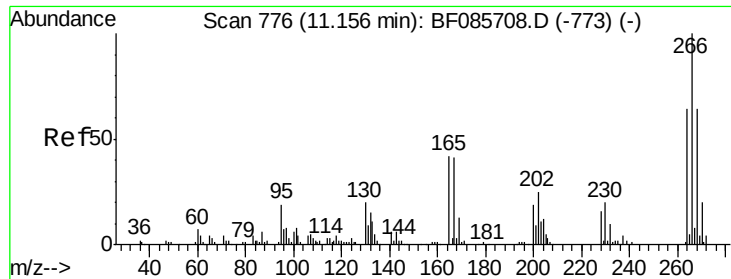


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

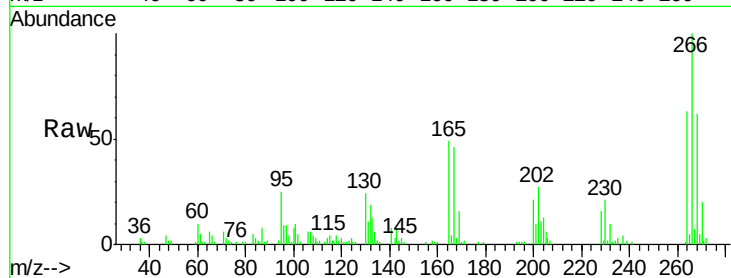




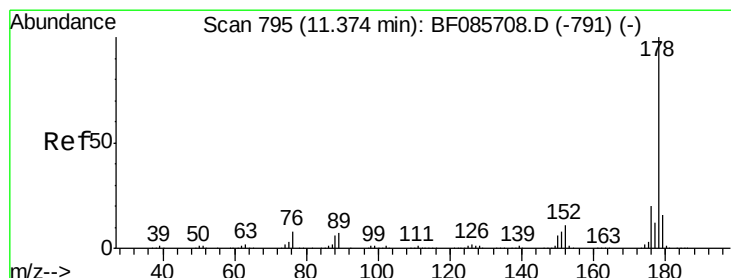
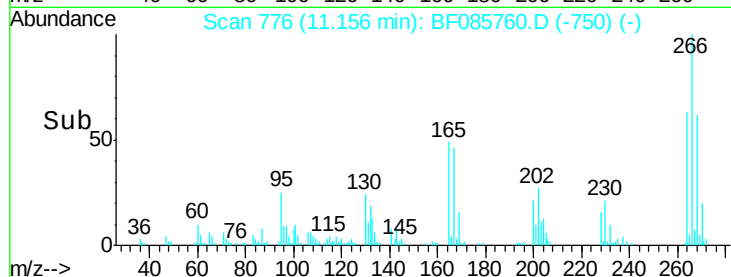
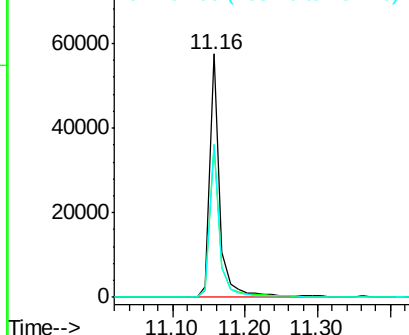
#69
 Pentachlorophenol
 Concen: 42.09 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 56199
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.5 77.3
 264 62.9 50.6 76.0

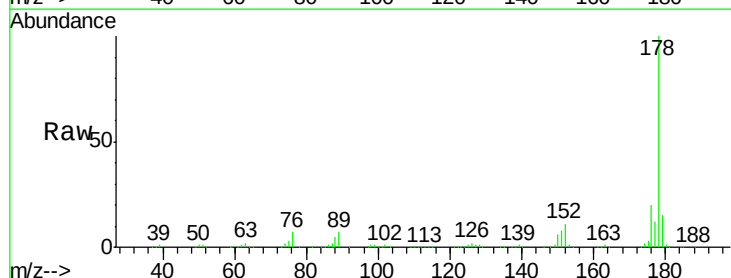


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

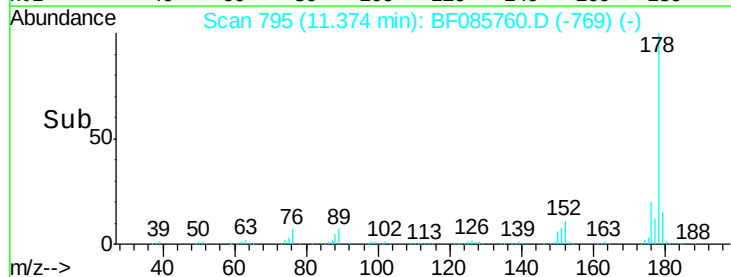
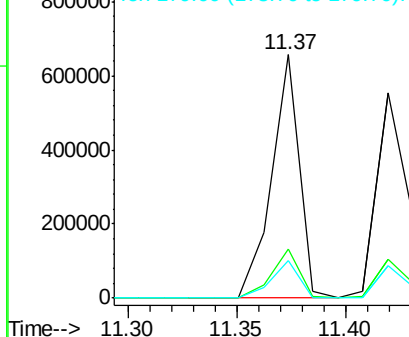


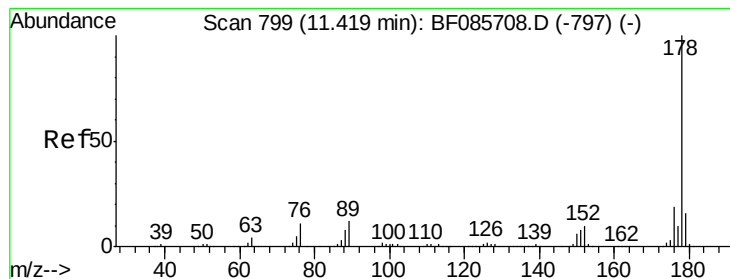
#70
 Phenanthrene
 Concen: 44.87 ng
 RT: 11.37 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion:178 Resp: 585587
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.5 12.6 18.8



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





#71

Anthracene

Concen: 40.60 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

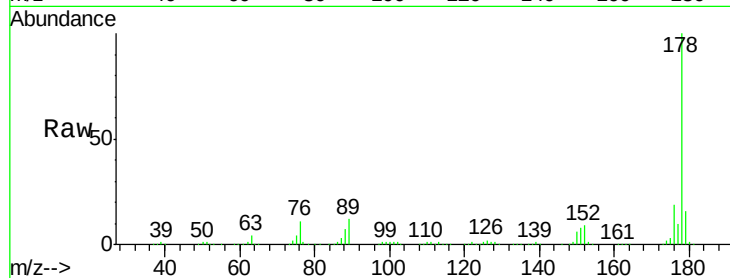
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 556213

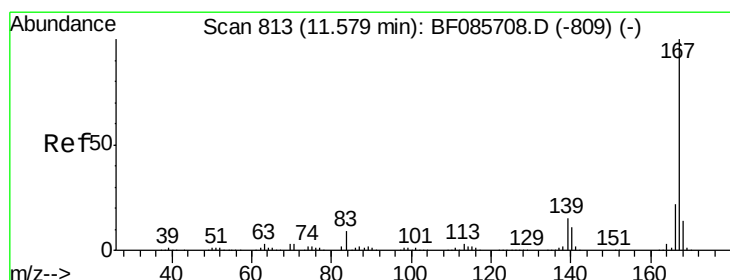
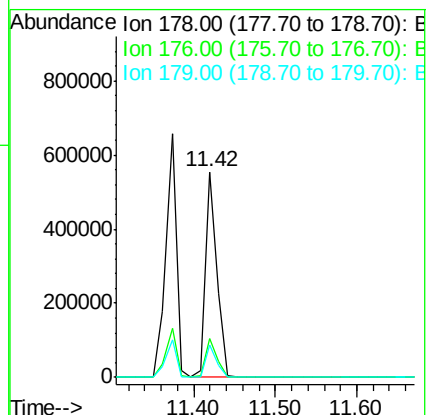
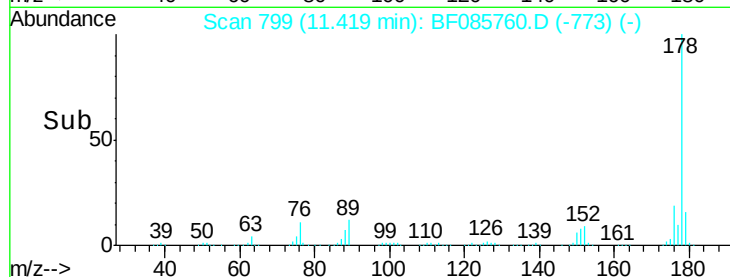
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.8	13.0	19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.32 ng

RT: 11.58 min Scan# 813

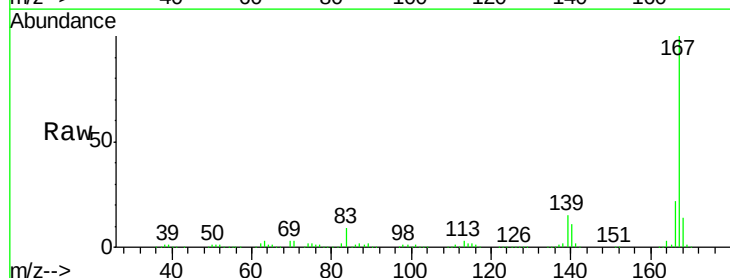
Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Tgt Ion:167 Resp: 498323

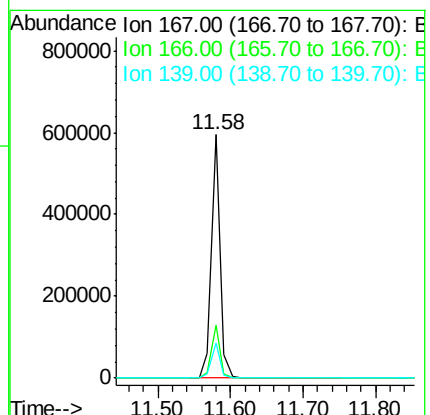
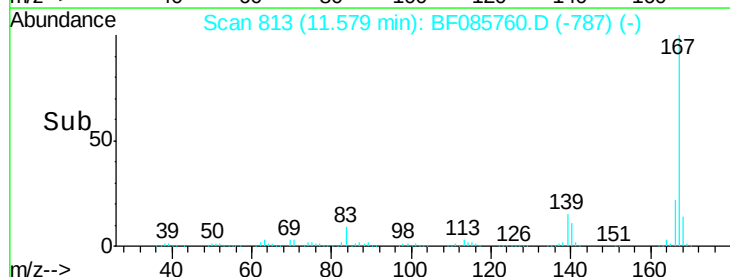
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	14.6	11.6	17.4

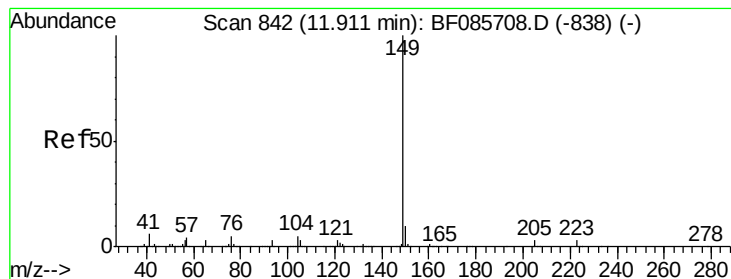


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.84 ng

RT: 11.91 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampled :

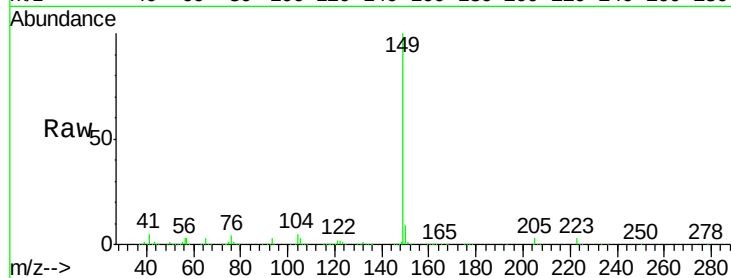
Tot Ion:149 Resp: 707761

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

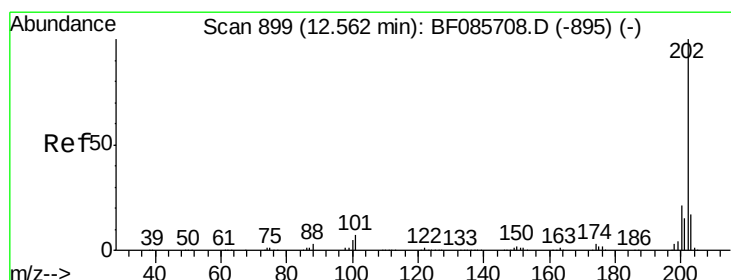
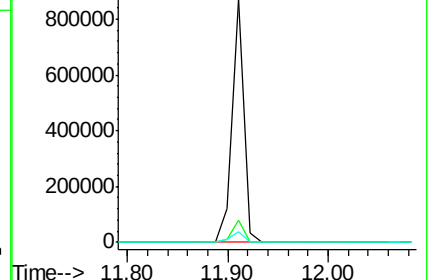
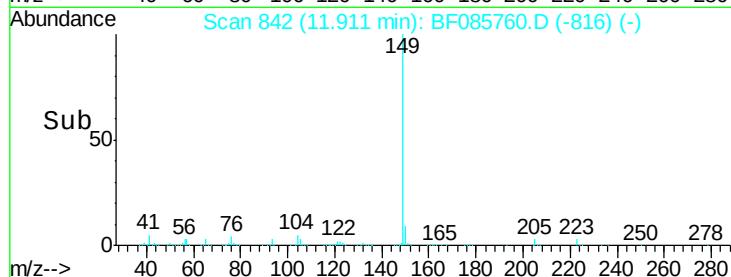
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.94 ng

RT: 12.56 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

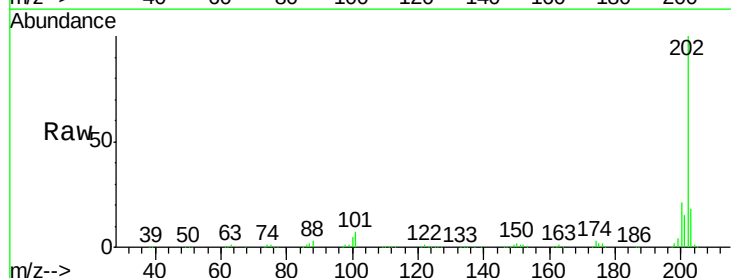
Tgt Ion:202 Resp: 540183

Ion Ratio Lower Upper

202 100

101 7.2 0.0 36.6

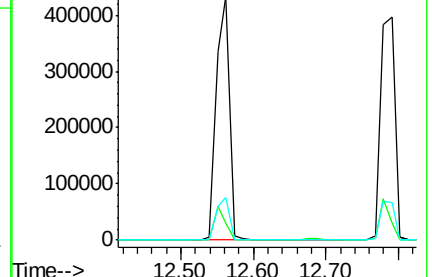
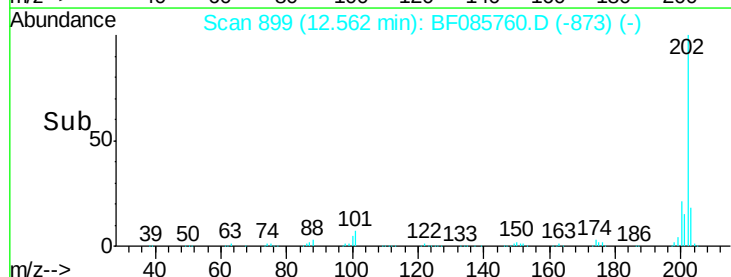
203 17.5 0.0 38.1

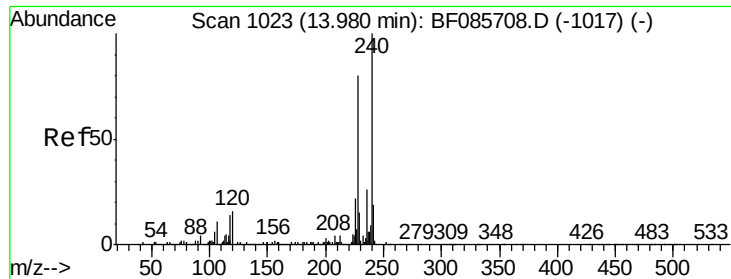


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

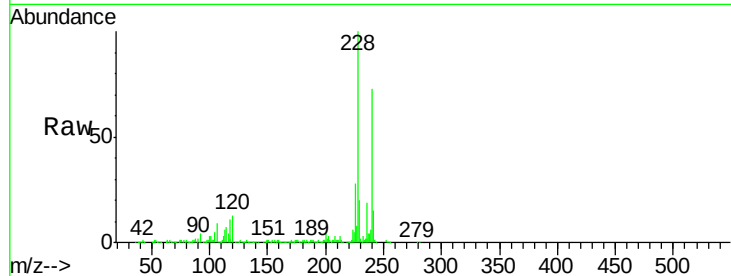
Tot Ion:240 Resp: 200172

Ion Ratio Lower Upper

240 100

120 17.8 13.8 20.8

236 26.5 20.6 30.8



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

250000

200000

150000

100000

50000

0

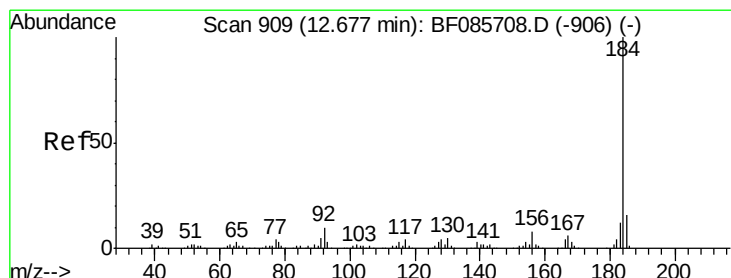
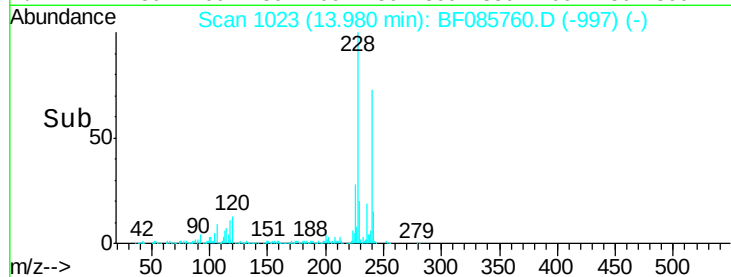
13.98

13.90

14.00

14.10

Time-->



#76

Benzidine

Concen: 48.51 ng

RT: 12.69 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

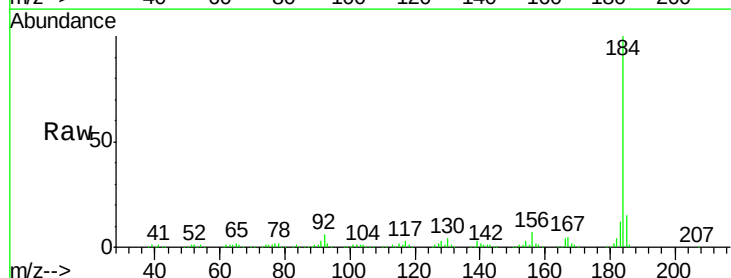
Tgt Ion:184 Resp: 341941

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

183 11.8 9.4 14.2



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

300000

200000

100000

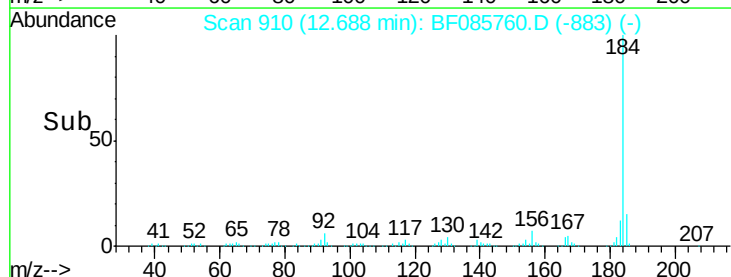
0

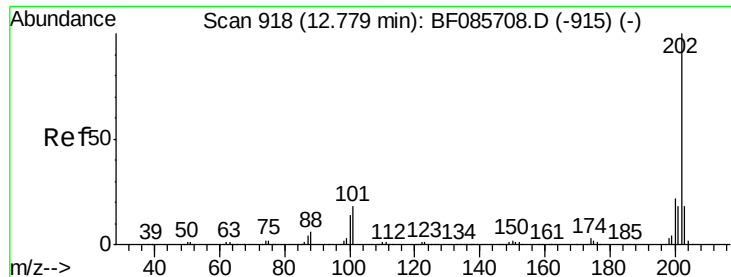
12.69

12.60

12.80

Time-->





#77

Pvrene

Concen: 33.33 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :
BNA_F
ClientSampleId :

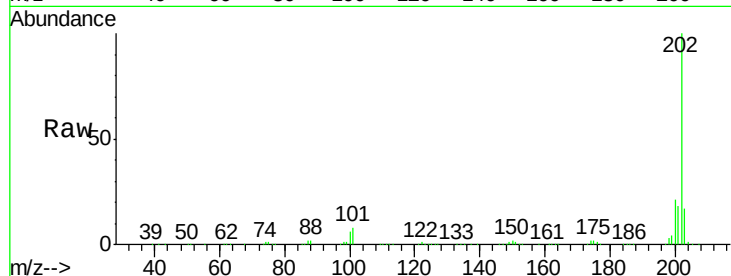
Tot Ion:202 Resp: 548404

Ion Ratio Lower Upper

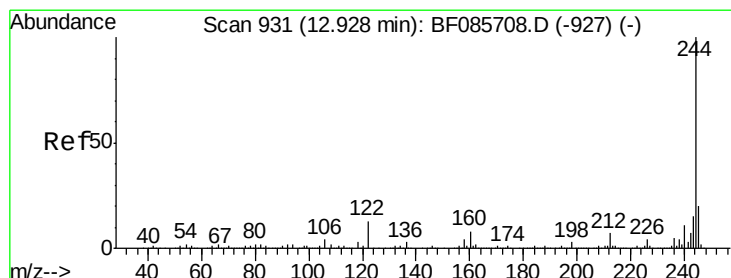
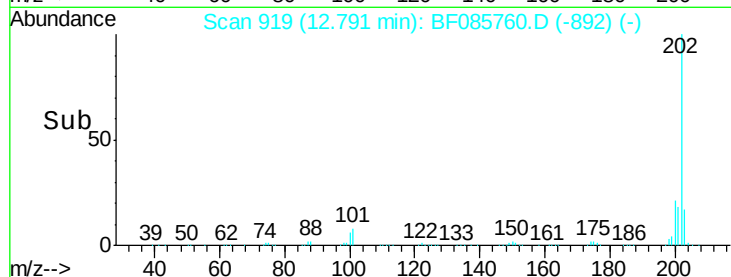
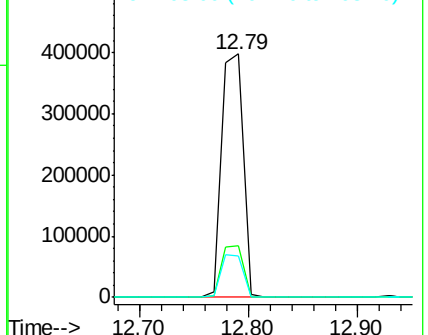
202 100

200 21.5 17.6 26.4

203 16.9 14.0 21.0



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: 67.24 ng

RT: 12.93 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

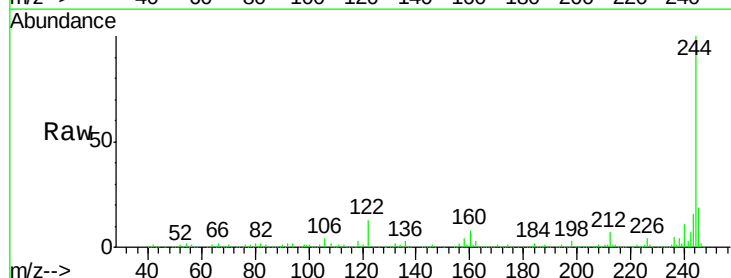
Tgt Ion:244 Resp: 654510

Ion Ratio Lower Upper

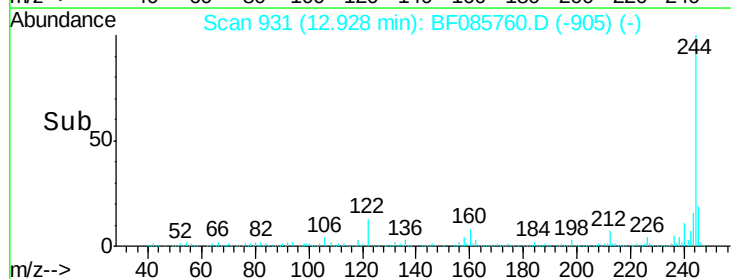
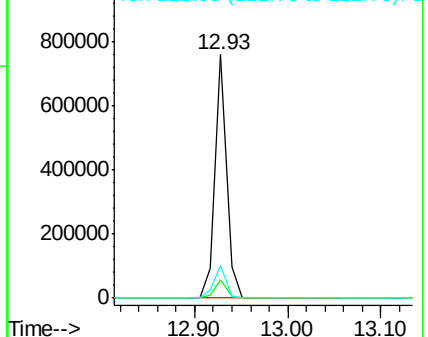
244 100

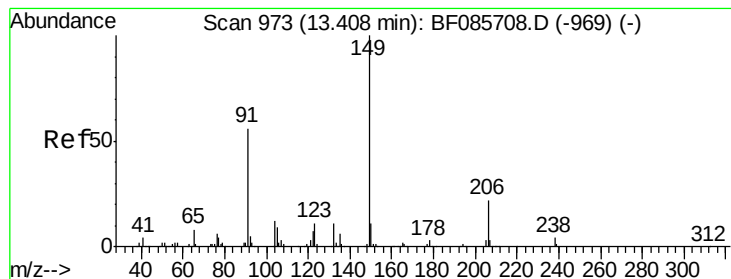
212 7.4 6.1 9.1

122 13.3 10.2 15.4



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





#79

Butylbenzylphthalate

Concen: 39.20 ng

RT: 13.41 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampled :

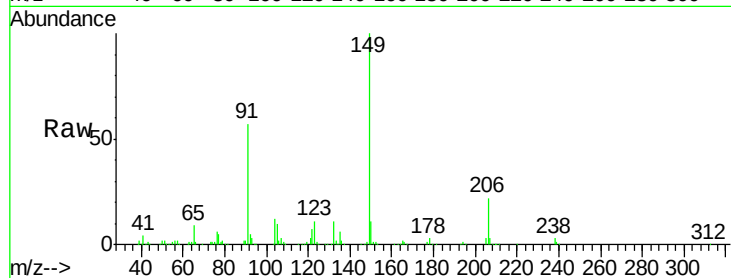
Tot Ion:149 Resp: 270110

Ion Ratio Lower Upper

149 100

91 57.3 45.8 68.8

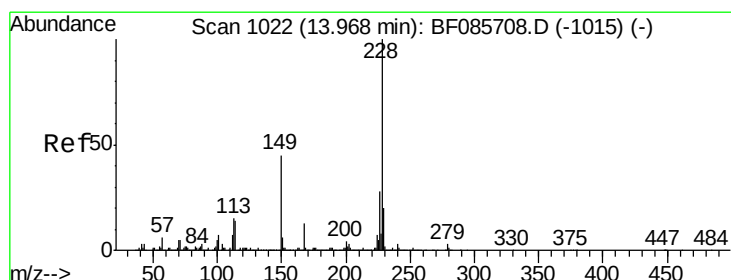
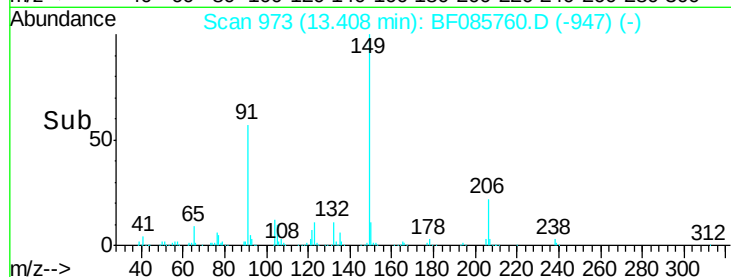
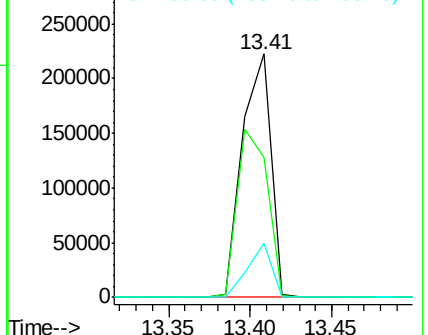
206 22.1 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.98 ng

RT: 13.97 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

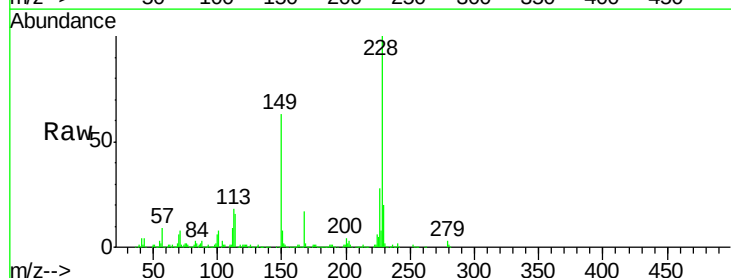
Tgt Ion:228 Resp: 467736

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

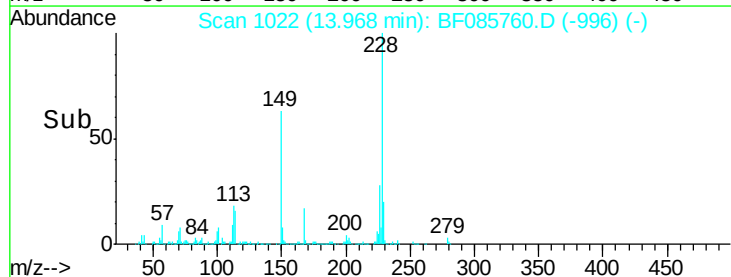
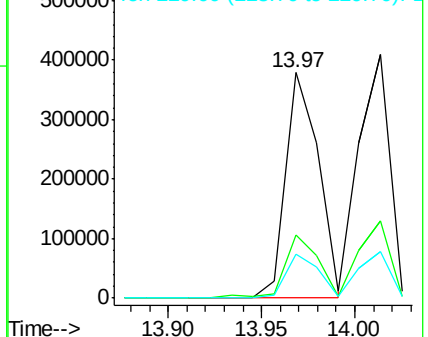
229 19.8 16.2 24.4

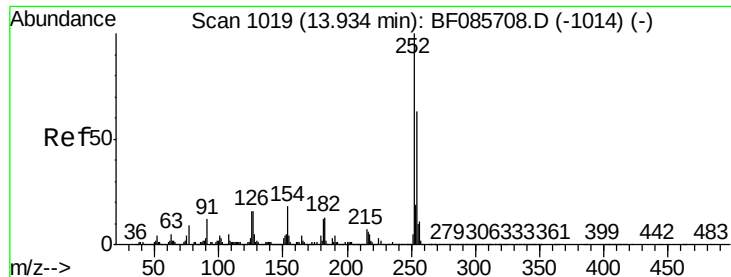


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

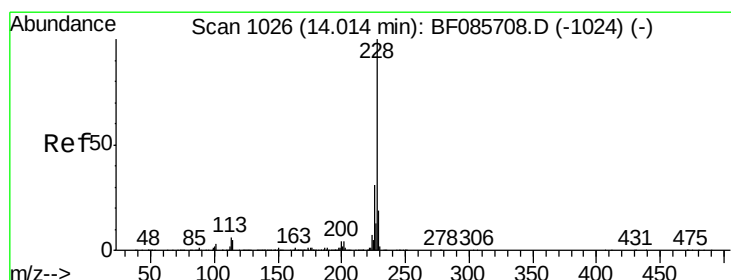
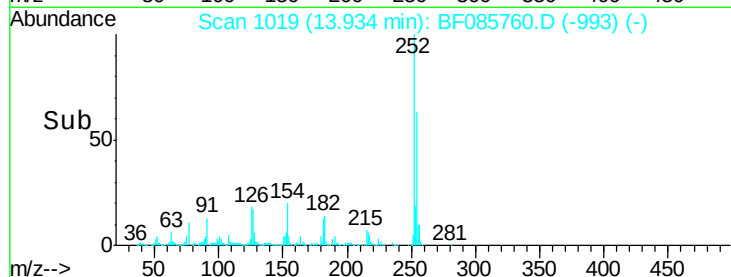
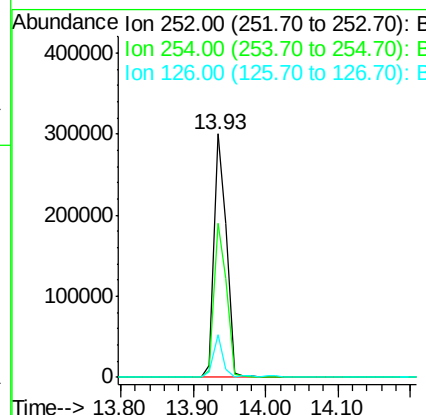
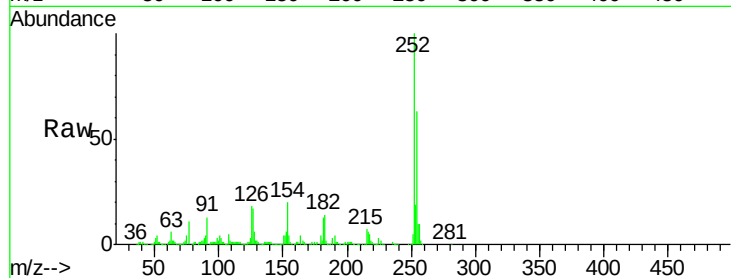




#81
 3,3'-Dichlorobenzidine
 Concen: 45.00 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

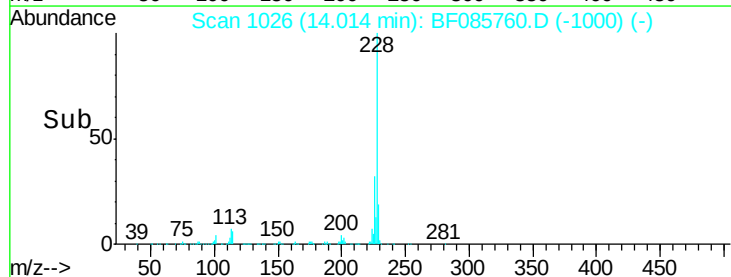
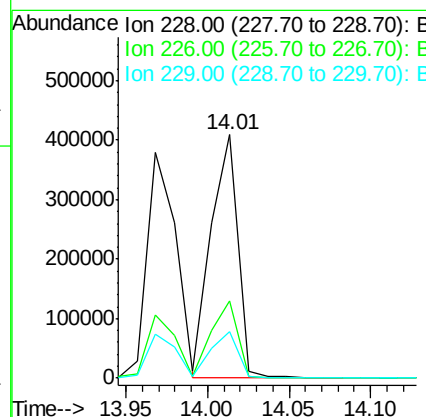
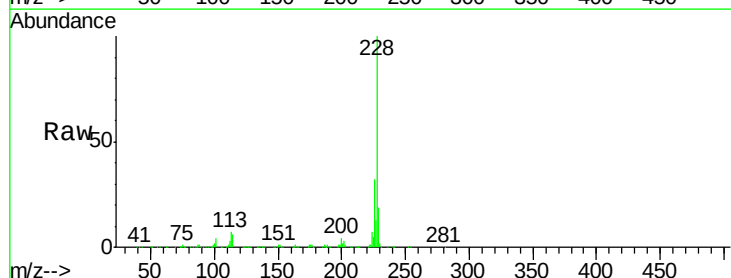
Instrument :
 BNA_F
 ClientSampleId :

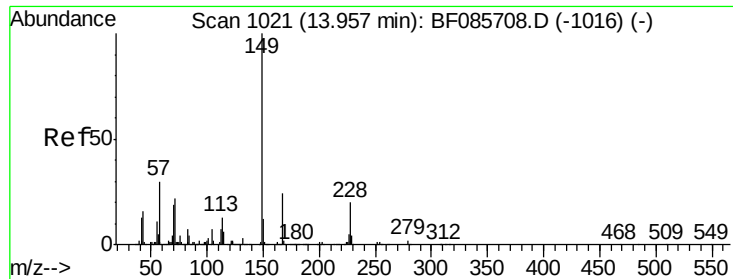
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.7	76.1
126	17.5	11.8	17.6



#82
 Chrysene
 Concen: 40.82 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.2	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.38 ng

RT: 13.96 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

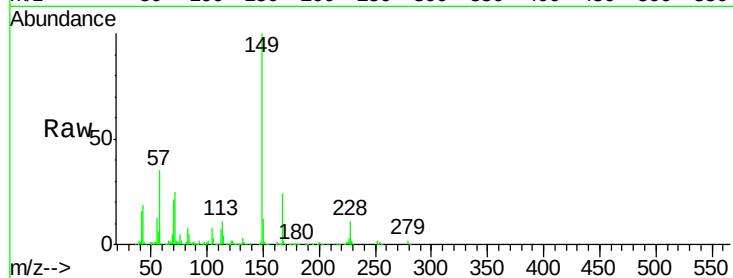
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 357945

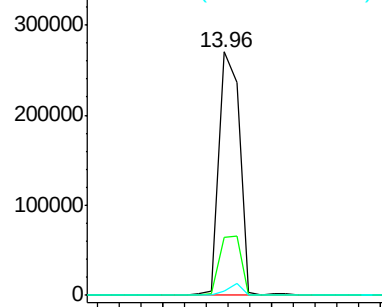
Ion	Ratio	Lower	Upper
149	100		
167	23.8	19.4	29.2
279	1.6	1.5	2.3



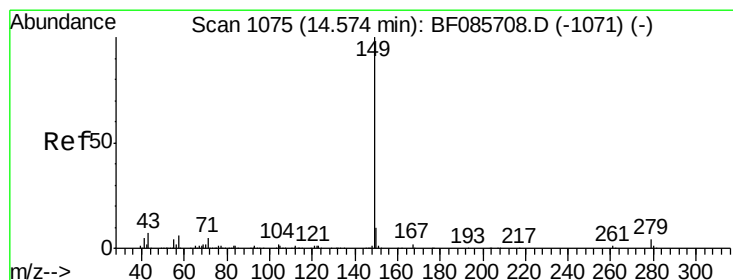
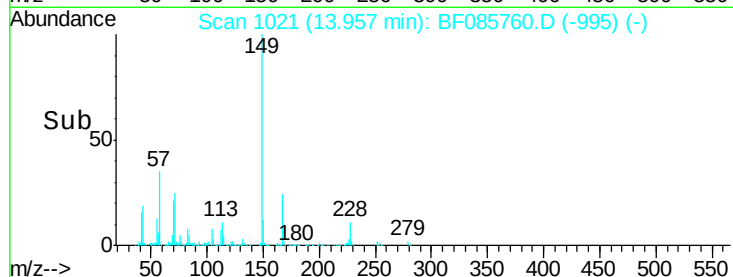
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 54.07 ng

RT: 14.57 min Scan# 1075

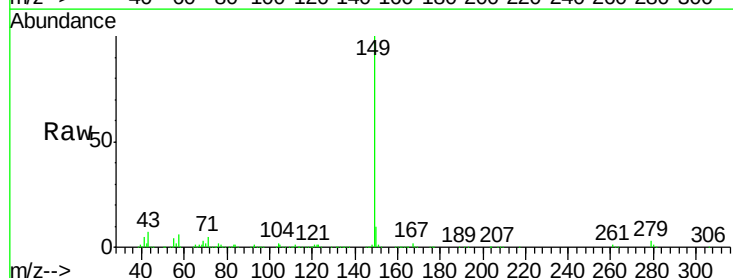
Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Tgt Ion:149 Resp: 663303

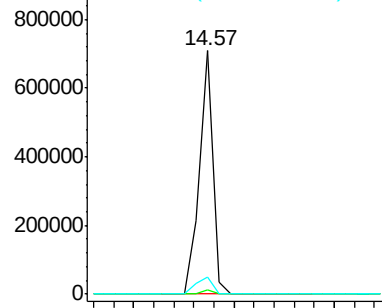
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	7.1	10.7



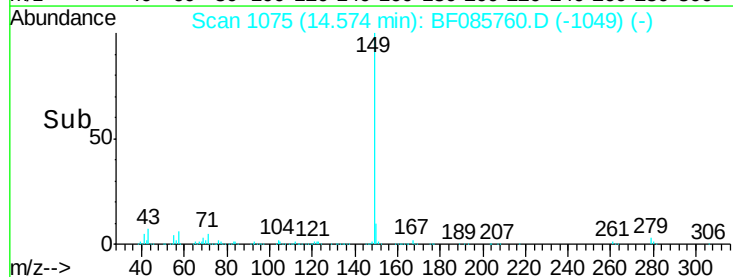
Abundance Ion 149.00 (148.70 to 149.70): E

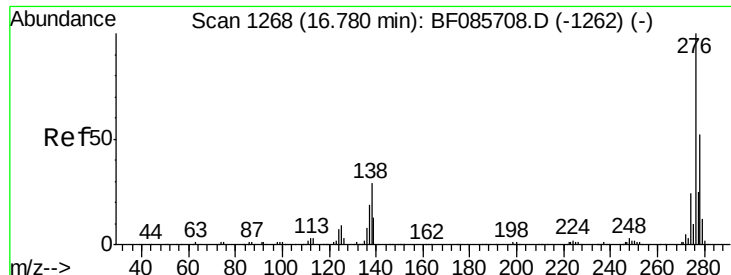
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->

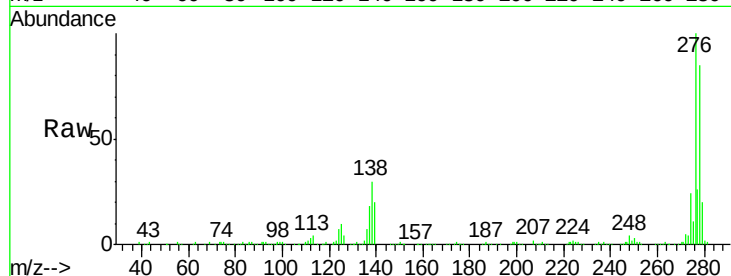




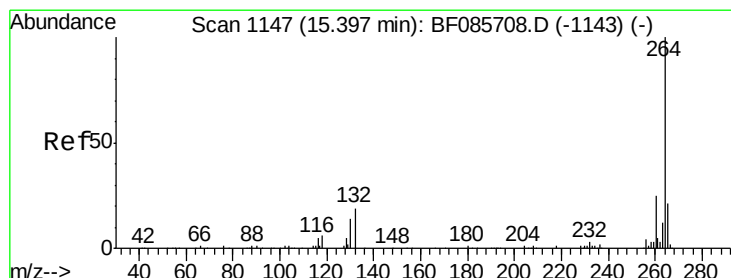
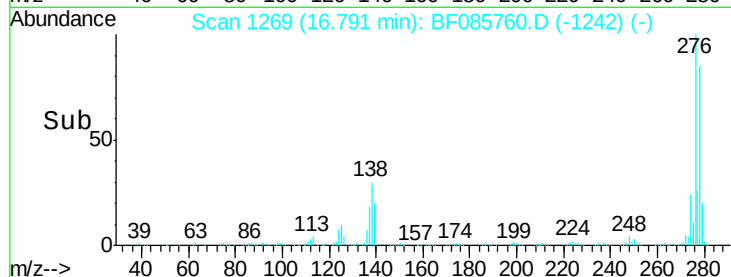
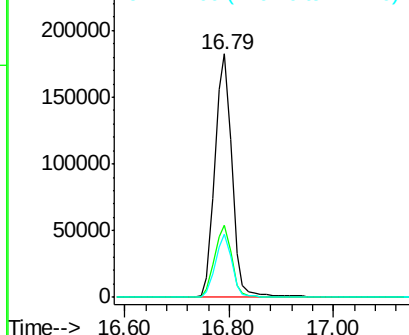
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.14 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 418510
 Ion Ratio Lower Upper
 276 100
 138 30.2 24.2 36.4
 277 25.4 20.0 30.0

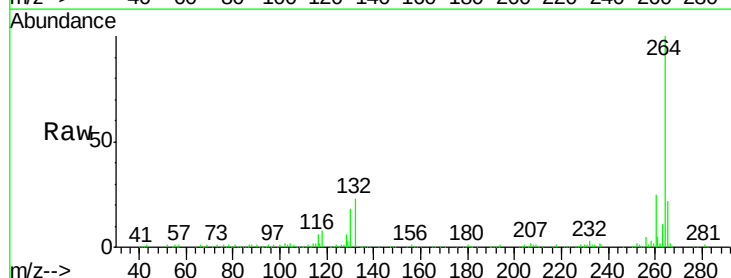


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

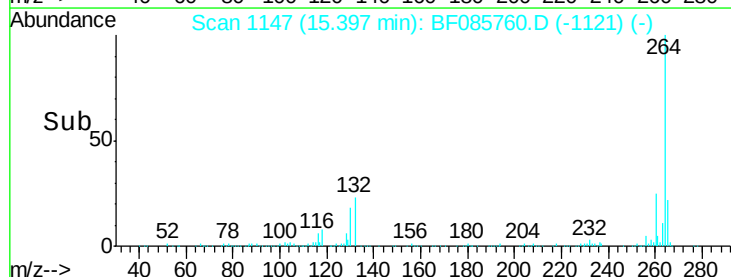
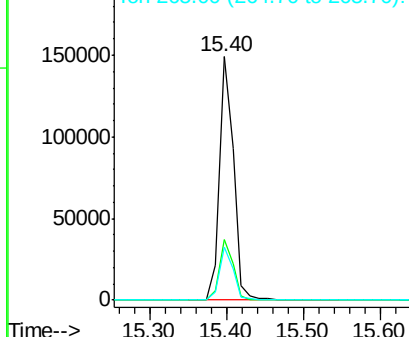


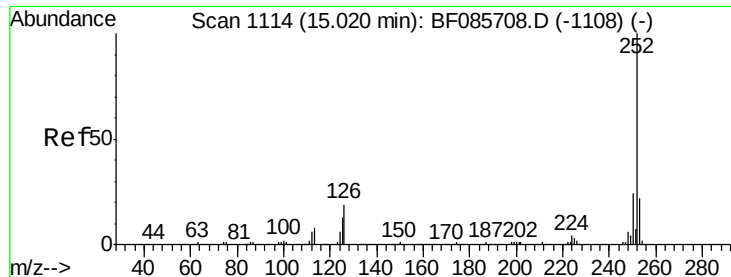
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Tgt Ion:264 Resp: 191776
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.5 17.2 25.8



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

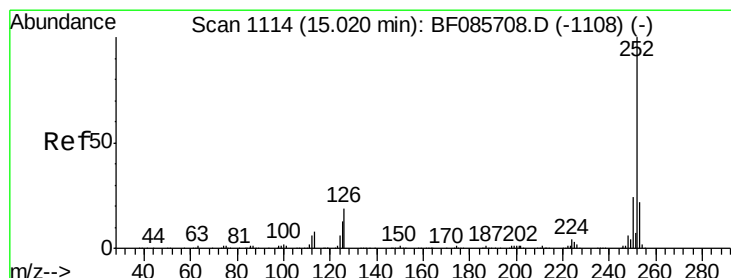
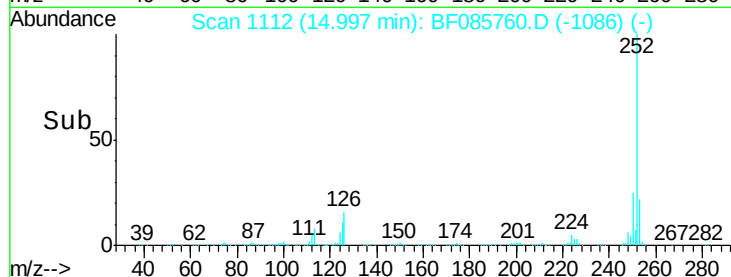
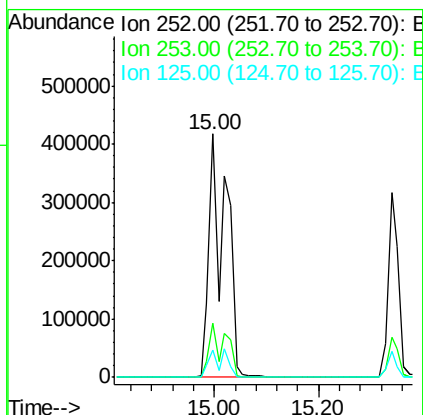
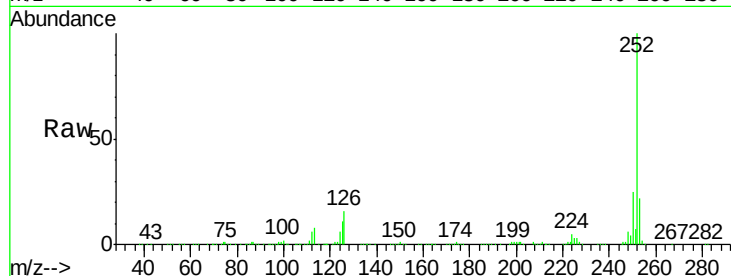




#87
Benzo(b)fluoranthene
Concen: 77.25 ng
RT: 15.00 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

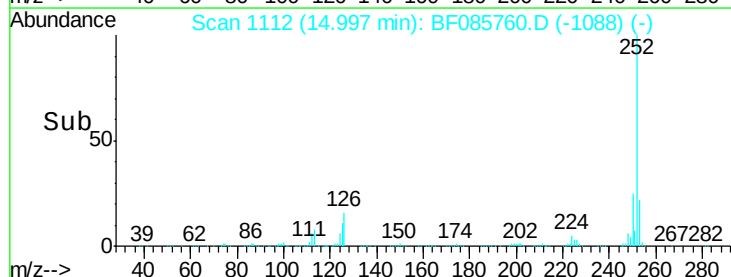
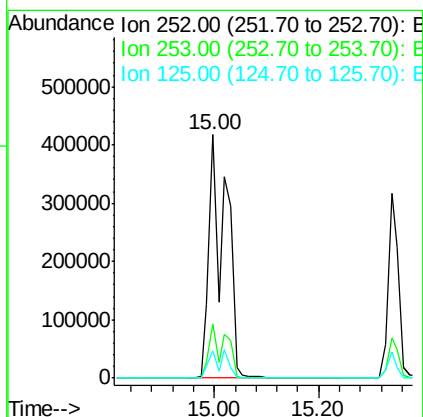
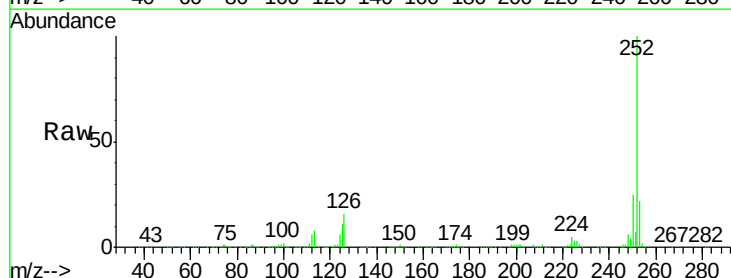
Instrument :
BNA_F
ClientSampleId :

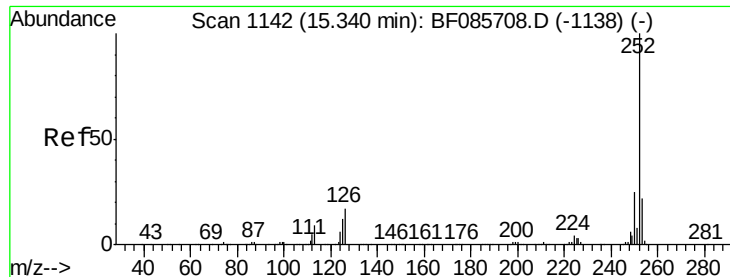
Tot Ion:252 Resp: 933267
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.4 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 85.69 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085760.D
Acq: 25 Mar 2016 14:30

Tgt Ion:252 Resp: 933267
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.4 7.7 11.5





#89

Benzo(a)pyrene

Concen: 40.71 ng

RT: 15.34 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

Instrument :

BNA_F

ClientSampleId :

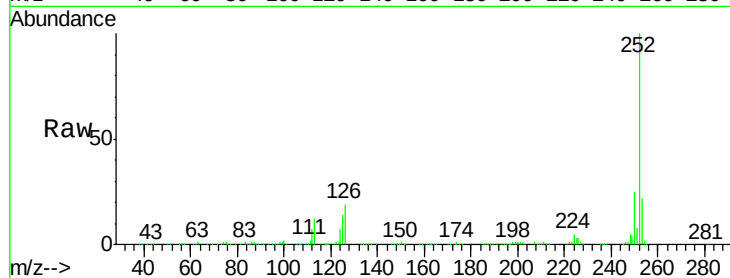
Tot Ion:252 Resp: 436732

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

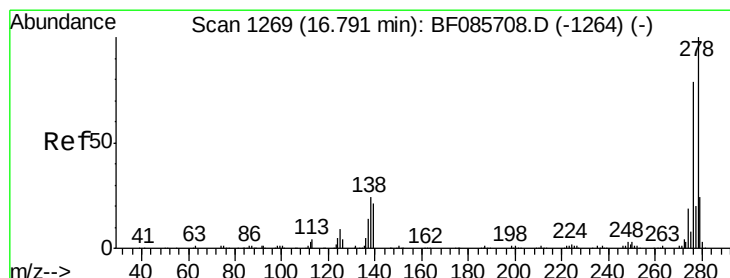
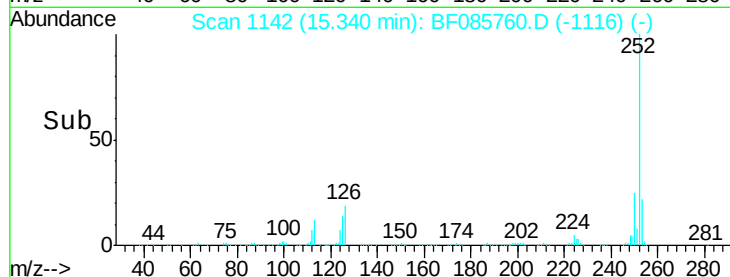
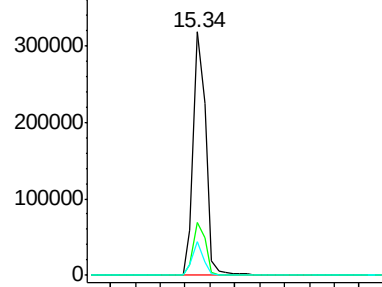
125 13.9 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.02 ng

RT: 16.80 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF085760.D

Acq: 25 Mar 2016 14:30

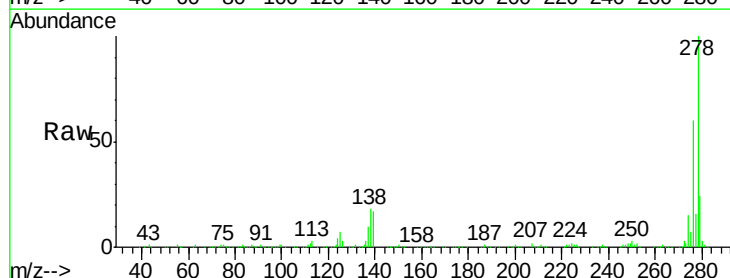
Tgt Ion:278 Resp: 359053

Ion Ratio Lower Upper

278 100

139 17.0 14.4 21.6

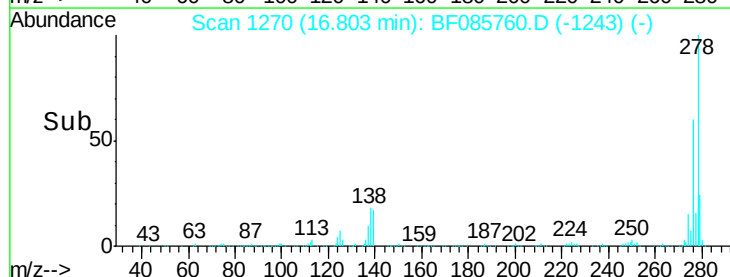
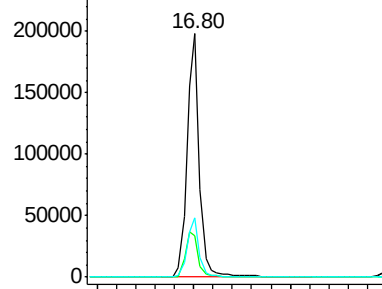
279 24.2 19.1 28.7

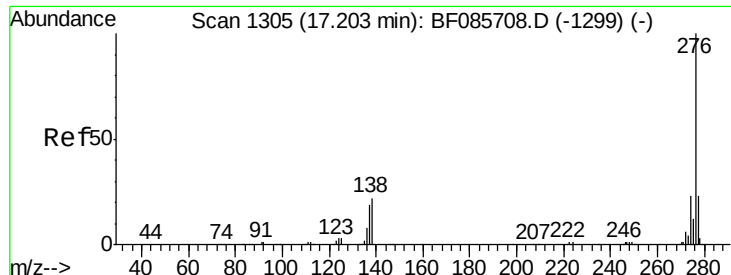


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 32.96 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF085760.D
 Acq: 25 Mar 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	25.8	22.6	34.0

