

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085782.D
 Acq On : 26 Mar 2016 1:04
 Operator : UM/SJ
 Sample : H1834-08MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Quant Time: Mar 26 02:18:32 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	107787	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	413909	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	171109	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	266322	20.00	ng	0.00
75) Chrysene-d12	13.98	240	216068	20.00	ng	0.00
86) Perylene-d12	15.40	264	183712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	783262	121.02	ng	0.02
7) Phenol-d6	6.47	99	1019829	123.93	ng	0.01
23) Nitrobenzene-d5	7.40	82	642036	87.35	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	176480	108.55	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	988604	96.53	ng	0.00
78) Terphenyl-d14	12.93	244	671025	63.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	110714	35.82	ng	96
3) Pyridine	3.18	79	151431	20.44	ng	96
4) n-Nitrosodimethylamine	3.11	42	140615	47.41	ng	96
6) Aniline	6.49	93	158265	14.29	ng	96
8) 2-Chlorophenol	6.61	128	310396	41.28	ng	88
9) Benzaldehyde	6.37	77	60629	12.23	ng	97
10) Phenol	6.48	94	437194	46.90	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	293494	40.91	ng	94
12) 1,3-Dichlorobenzene	6.85	146	341603	42.19	ng	98
13) 1,4-Dichlorobenzene	6.85	146	341603	41.60	ng	93
14) 1,2-Dichlorobenzene	7.00	146	319548	41.75	ng	97
15) Benzyl Alcohol	6.97	79	246459	44.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	395930	41.59	ng	96
17) 2-Methylphenol	7.09	107	256304	42.57	ng	98
18) Hexachloroethane	7.34	117	112766	37.50	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	220058	44.66	ng	96
20) 3+4-Methylphenols	7.25	107	316894	43.78	ng	# 79
22) Acetophenone	7.24	105	414624	43.00	ng	96
24) Nitrobenzene	7.42	77	318970	42.10	ng	# 77
25) Isophorone	7.65	82	598233	42.25	ng	99
26) 2-Nitrophenol	7.73	139	146604	38.68	ng	# 86
27) 2,4-Dimethylphenol	7.77	122	284235	42.90	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	394635	48.92	ng	99
29) 2,4-Dichlorophenol	7.98	162	246448	44.25	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	267872	43.32	ng	93
31) Naphthalene	8.14	128	889500	42.65	ng	99
32) Benzoic acid	7.85	122	23969	5.45	ng	97
33) 4-Chloroaniline	8.18	127	69007	8.10	ng	# 95
34) Hexachlorobutadiene	8.25	225	143841	42.80	ng	98
35) Caprolactam	8.55	113	67278	34.10	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	272897	41.95	ng	98
37) 2-Methylnaphthalene	8.82	142	556326	46.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	235716	46.45	ng	99
40) Hexachlorocyclopentadiene	8.97	237	32541	22.81	ng	98

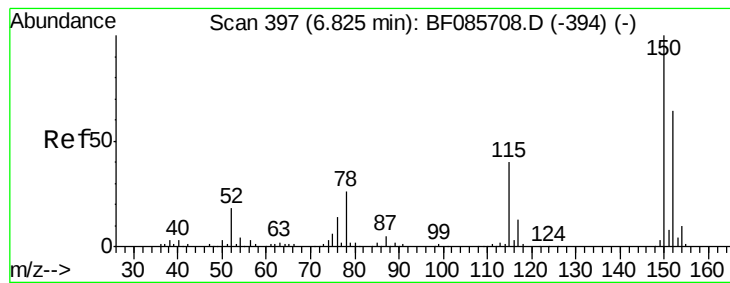
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	159955	46.67	ng	96
43) 2,4,5-Trichlorophenol	9.16	196	154819	43.08	ng	99
45) 1,1'-Biphenyl	9.29	154	672601	46.58	ng	94
46) 2-Chloronaphthalene	9.32	162	501819	47.27	ng	96
47) 2-Nitroaniline	9.41	65	141053	43.45	ng	85
48) Acenaphthylene	9.73	152	762433	44.07	ng	99
49) Dimethylphthalate	9.59	163	773634	59.59	ng	99
50) 2,6-Dinitrotoluene	9.66	165	130617	46.74	ng	# 69
51) Acenaphthene	9.90	154	444447	42.06	ng	100
52) 3-Nitroaniline	9.82	138	84133	26.30	ng	97
53) 2,4-Dinitrophenol	9.93	184	16417	16.79	ng	93
54) Dibenzofuran	10.07	168	622863	45.54	ng	97
55) 4-Nitrophenol	9.99	139	140852	67.60	ng	88
56) 2,4-Dinitrotoluene	10.06	165	150042	42.25	ng	# 67
57) Fluorene	10.41	166	484984	42.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	106454	42.62	ng	95
59) Diethylphthalate	10.29	149	553799	43.18	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	209928	37.77	ng	95
61) 4-Nitroaniline	10.44	138	120597	39.42	ng	96
62) Azobenzene	10.56	77	548121	44.47	ng	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	22368	14.34	ng	# 66
65) n-Nitrosodiphenylamine	10.53	169	441418	52.33	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	131028	48.09	ng	97
67) Hexachlorobenzene	10.96	284	133357	46.80	ng	# 92
68) Atrazine	11.05	200	137651	48.33	ng	99
69) Pentachlorophenol	11.16	266	120833	86.38	ng	99
70) Phenanthrene	11.37	178	678882	49.65	ng	99
71) Anthracene	11.42	178	615353	42.86	ng	99
72) Carbazole	11.58	167	575742	47.77	ng	99
73) Di-n-butylphthalate	11.91	149	788291	47.66	ng	100
74) Fluoranthene	12.56	202	626661	43.11	ng	89
76) Benzidine	12.68	184	117672	15.46	ng	99
77) Pyrene	12.79	202	646488	36.40	ng	99
79) Butylbenzylphthalate	13.41	149	314279	42.25	ng	97
80) Benzo(a)anthracene	13.97	228	544701	44.21	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	132951	15.55	ng	99
82) Chrysene	14.01	228	519631	41.87	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	424327	47.65	ng	100
84) Di-n-octyl phthalate	14.57	149	777396	58.70	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	415787	43.39	ng	99
87) Benzo(b)fluoranthene	15.00	252	1019036	88.05	ng	98
88) Benzo(k)fluoranthene	15.00	252	1019211	97.69	ng	99
89) Benzo(a)pyrene	15.34	252	458683	44.64	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	360384	37.75	ng	97
91) Benzo(g,h,i)perylene	17.20	276	324978	33.61	ng	98

(#) = 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: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

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ClientSampleId :

13MS

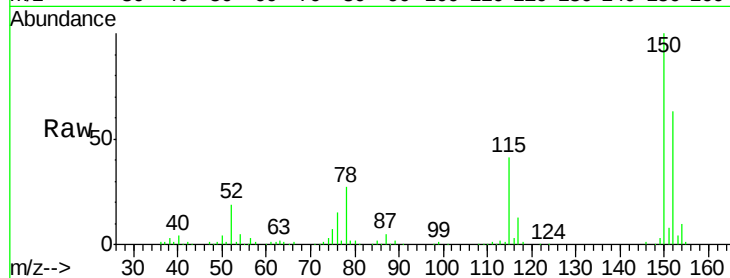
Tgt Ion:152 Resp: 107787

Ion Ratio Lower Upper

152 100

150 158.3 124.2 186.2

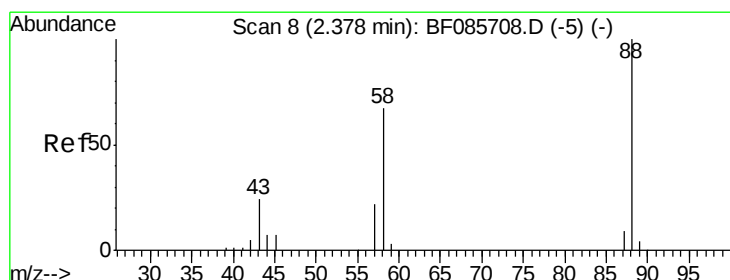
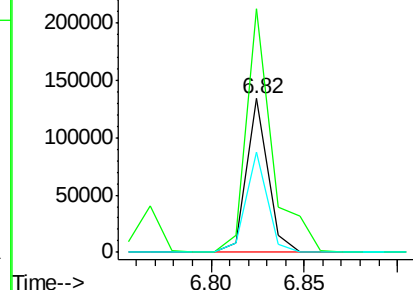
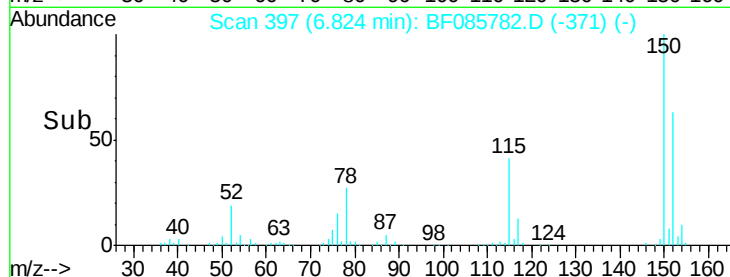
115 65.4 47.0 70.6



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: 35.82 ng

RT: 2.45 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

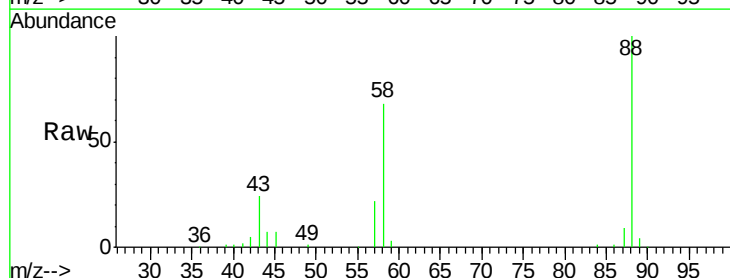
Tgt Ion: 88 Resp: 110714

Ion Ratio Lower Upper

88 100

58 70.7 54.2 81.2

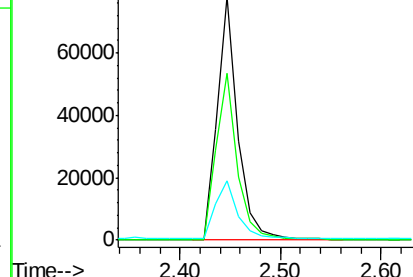
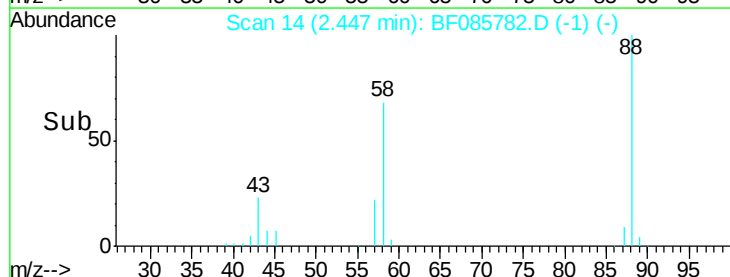
43 25.6 19.3 28.9

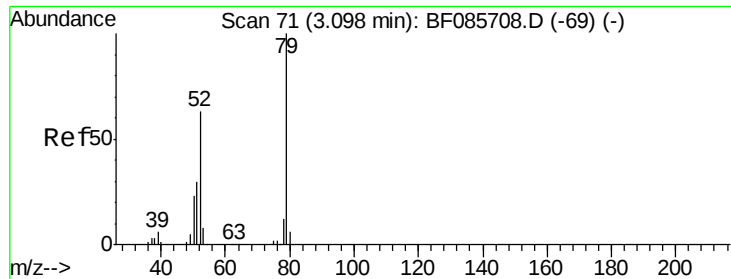


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 20.44 ng

RT: 3.18 min Scan# 78

Delta R.T. 0.08 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

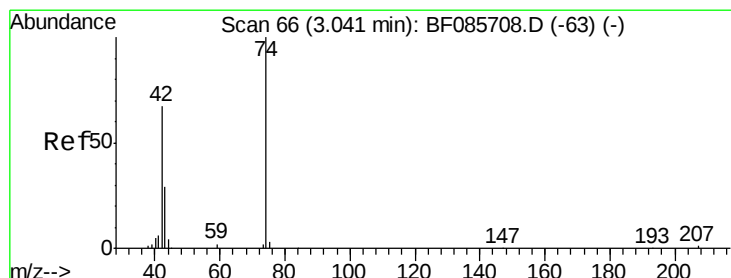
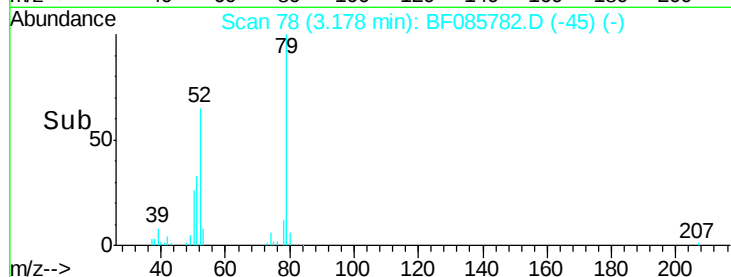
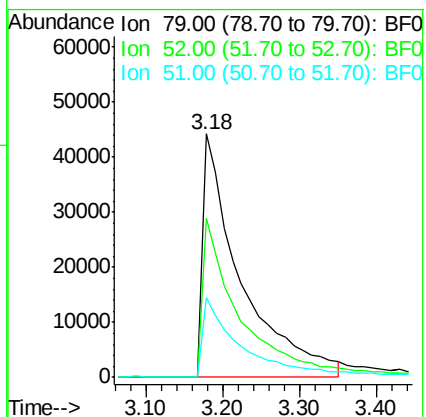
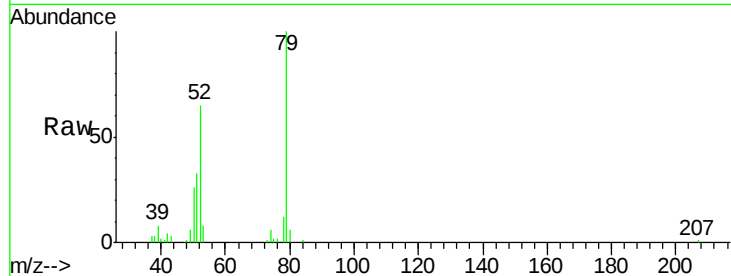
Tgt Ion: 79 Resp: 151431

Ion Ratio Lower Upper

79 100

52 65.5 49.8 74.6

51 32.8 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 47.41 ng

RT: 3.11 min Scan# 72

Delta R.T. 0.07 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

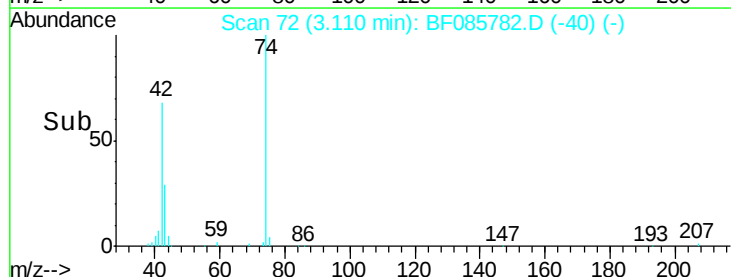
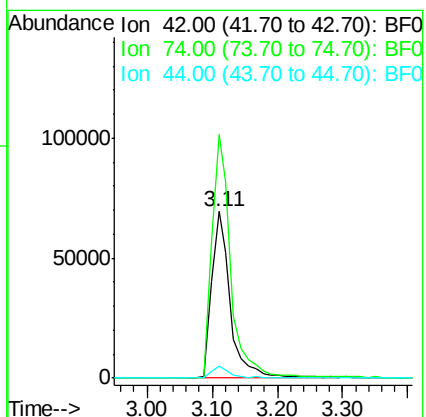
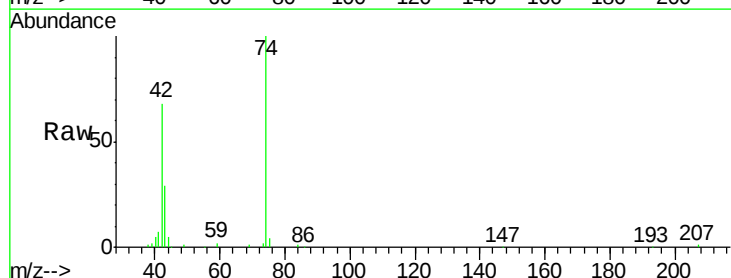
Tgt Ion: 42 Resp: 140615

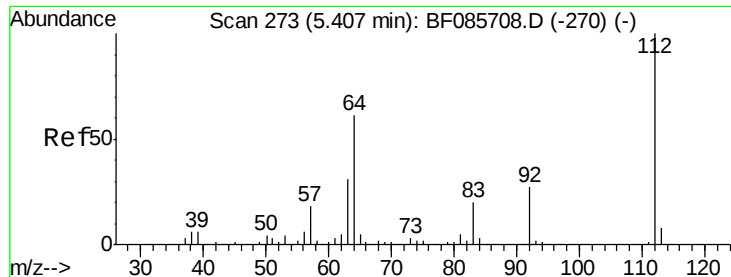
Ion Ratio Lower Upper

42 100

74 146.3 121.4 182.2

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 121.02 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

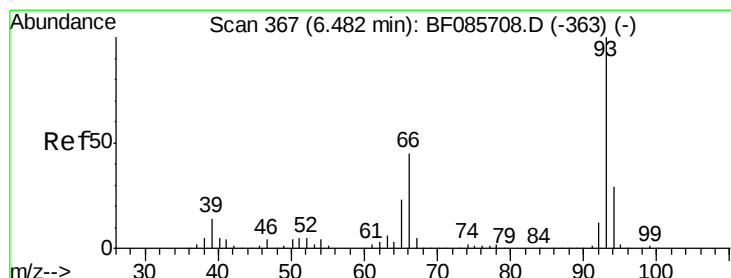
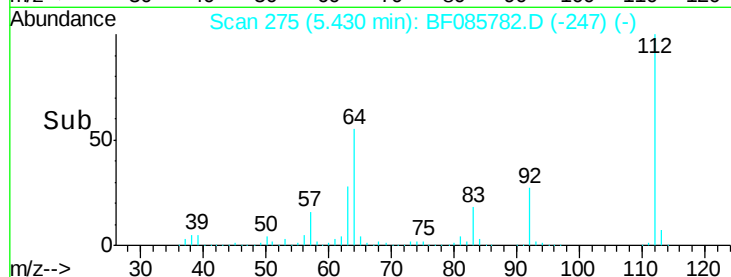
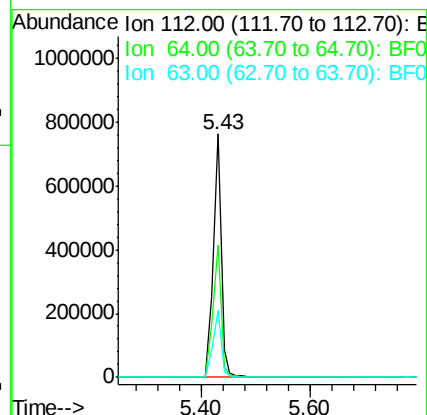
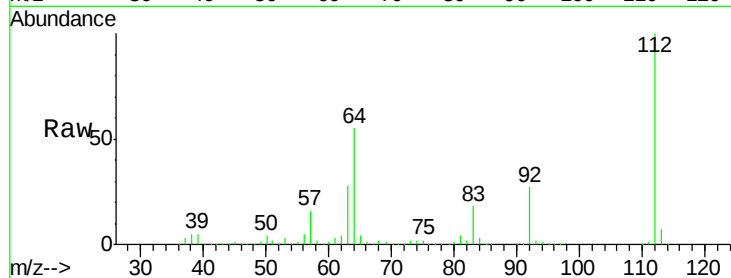
Instrument :

BNA_F

ClientSampleId :

13MS

Tgt Ion:	112	Resp:	783262
Ion	Ratio	Lower	Upper
112	100		
64	54.6	39.9	59.9
63	27.5	20.2	30.2



#6

Aniline

Concen: 14.29 ng

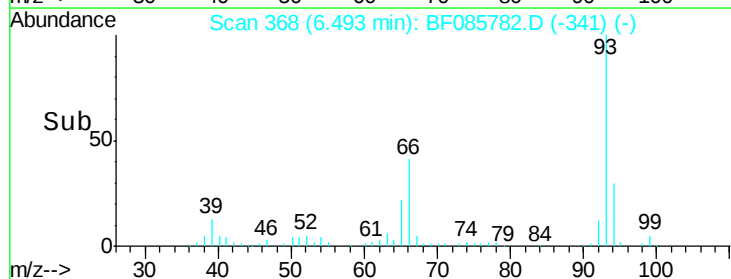
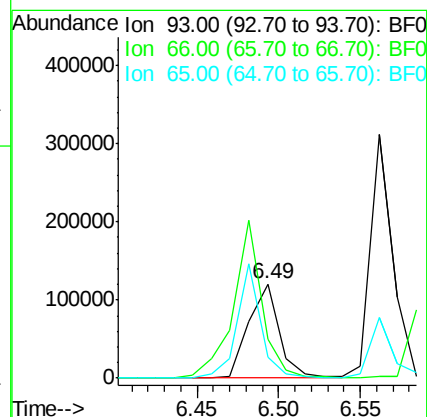
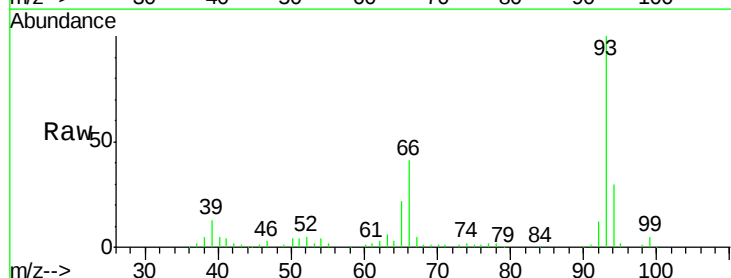
RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:	93	Resp:	158265
Ion	Ratio	Lower	Upper
93	100		
66	41.3	31.4	47.2
65	22.3	15.7	23.5





#7

Phenol-d6

Concen: 123.93 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampled :

13MS

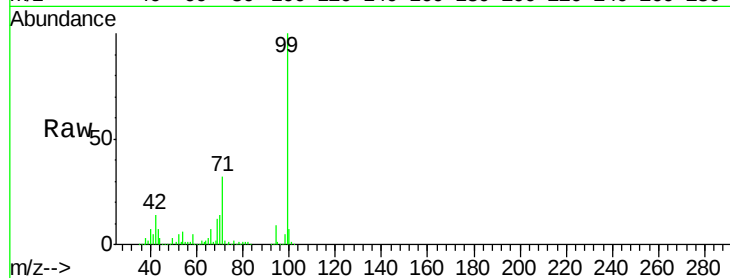
Tgt Ion: 99 Resp: 1019829

Ion Ratio Lower Upper

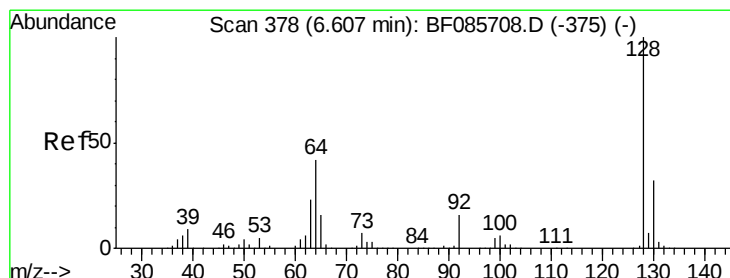
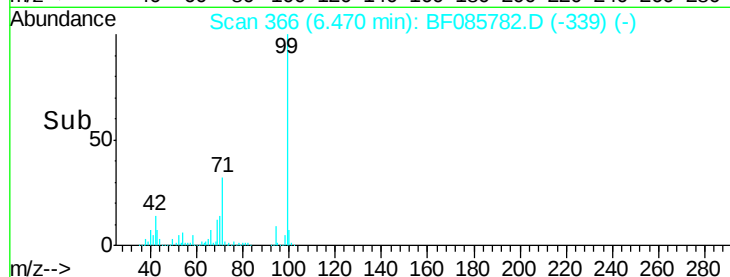
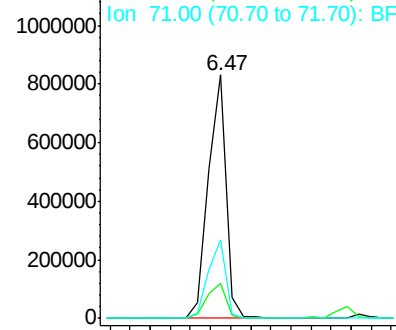
99 100

42 14.2 11.1 16.7

71 32.1 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



#8

2-Chlorophenol

Concen: 41.28 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

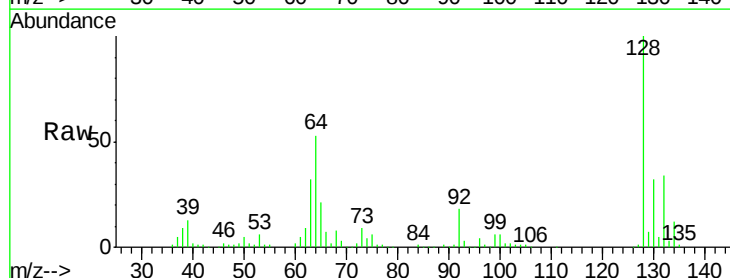
Tgt Ion: 128 Resp: 310396

Ion Ratio Lower Upper

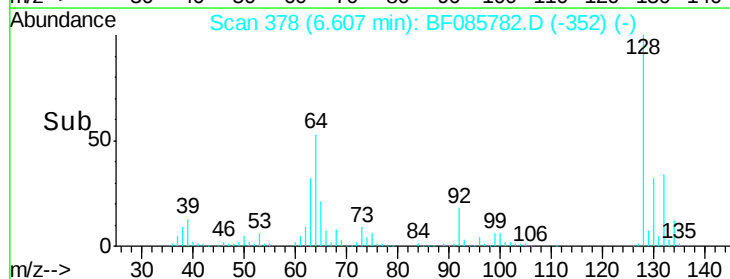
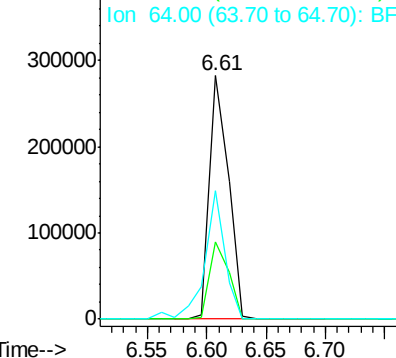
128 100

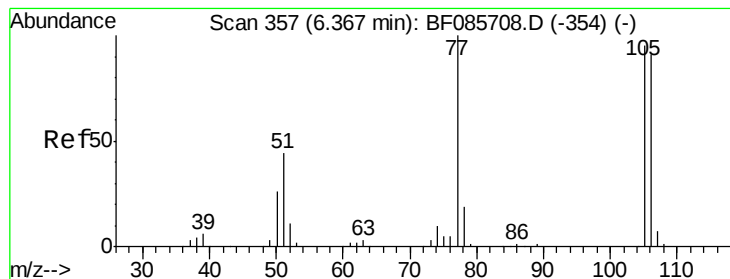
130 31.7 12.9 52.9

64 52.8 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





#9

Benzaldehyde

Concen: 12.23 ng

RT: 6.37 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

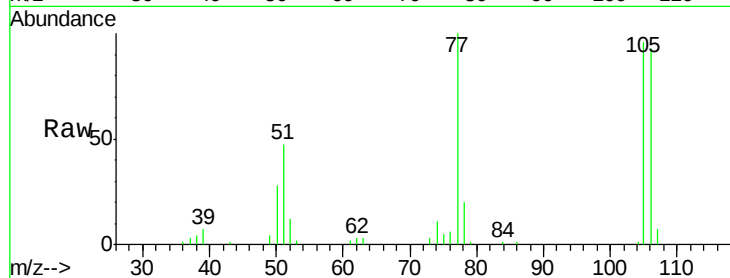
Tgt Ion: 77 Resp: 60629

Ion Ratio Lower Upper

77 100

105 95.8 80.1 120.1

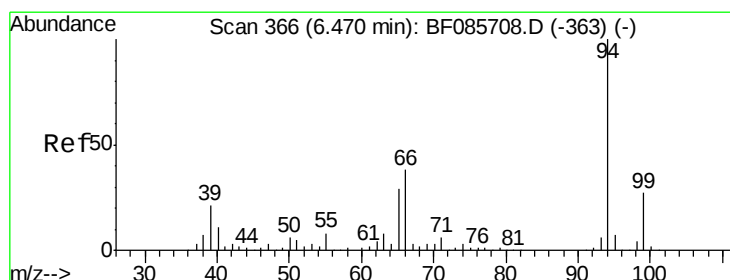
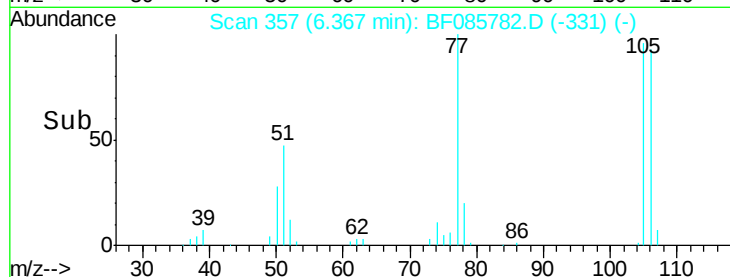
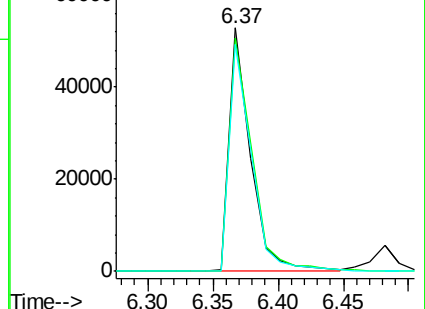
106 93.2 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.90 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

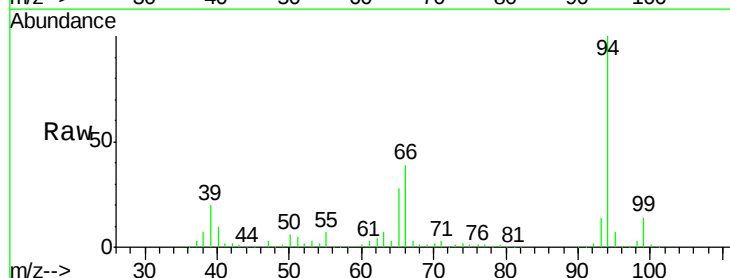
Tgt Ion: 94 Resp: 437194

Ion Ratio Lower Upper

94 100

65 28.4 8.6 48.6

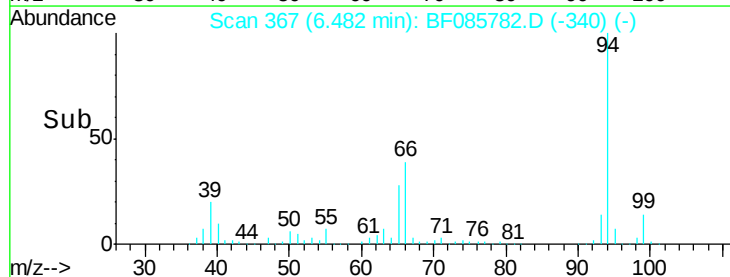
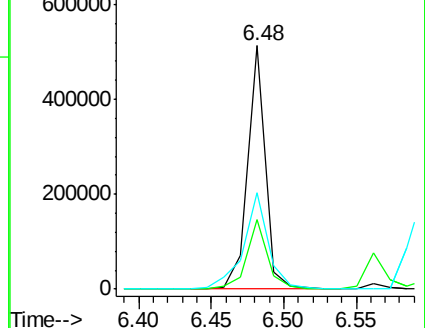
66 39.3 20.0 60.0

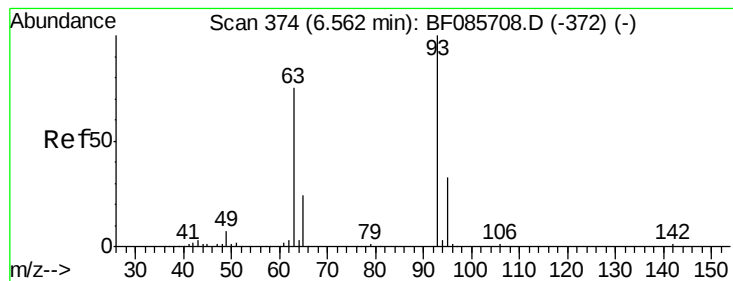


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.91 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

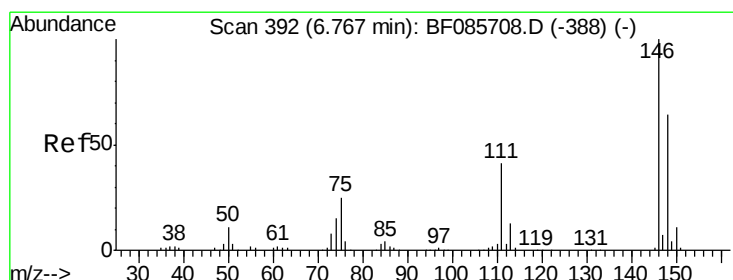
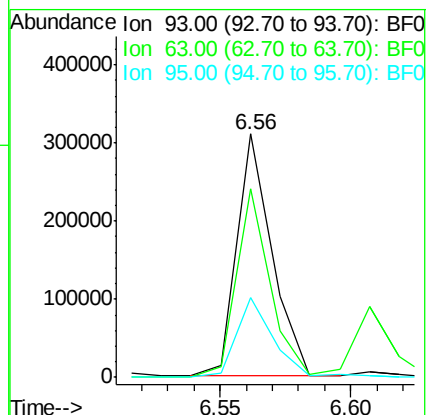
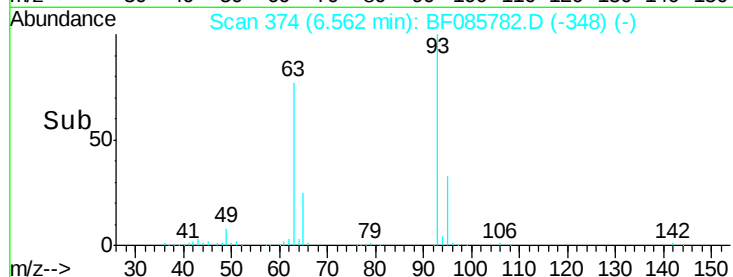
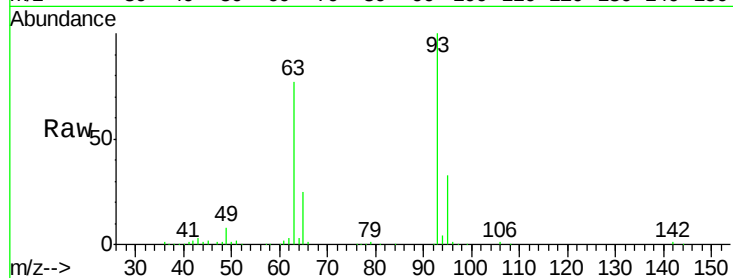
Tgt Ion: 93 Resp: 293494

Ion Ratio Lower Upper

93 100

63 77.4 50.9 90.9

95 32.7 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 42.19 ng

RT: 6.85 min Scan# 399

Delta R.T. 0.08 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

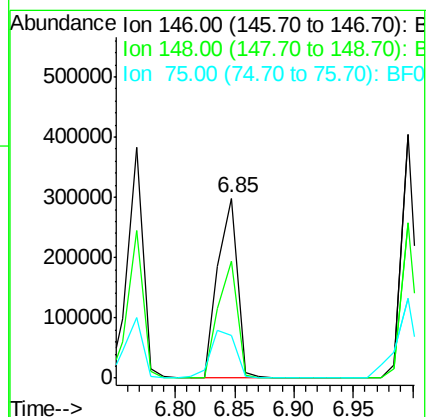
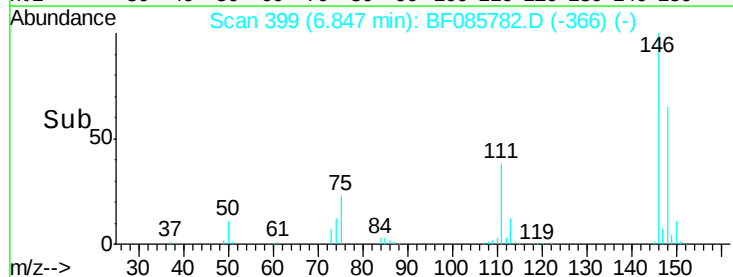
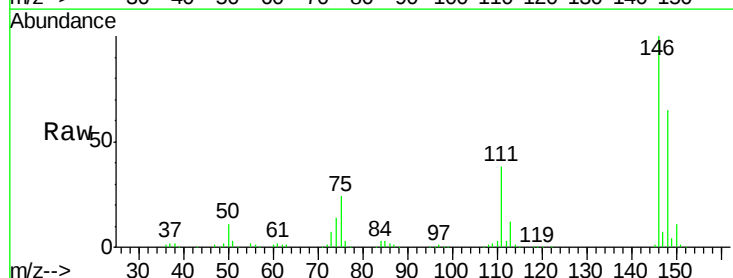
Tgt Ion: 146 Resp: 341603

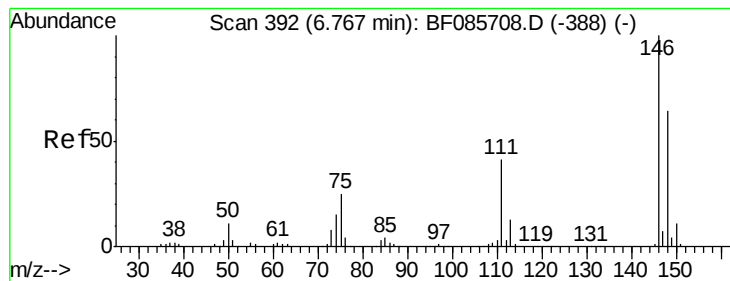
Ion Ratio Lower Upper

146 100

148 64.7 52.3 78.5

75 23.8 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 41.60 ng

RT: 6.85 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

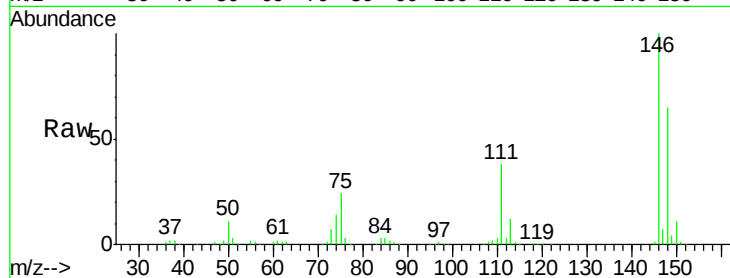
Tgt Ion:146 Resp: 341603

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

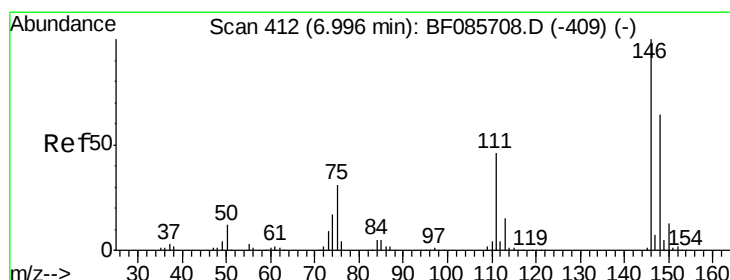
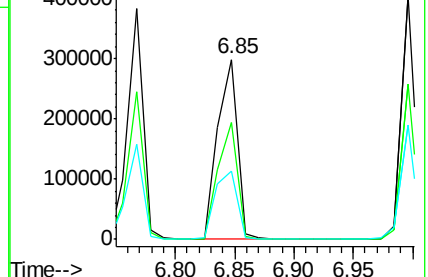
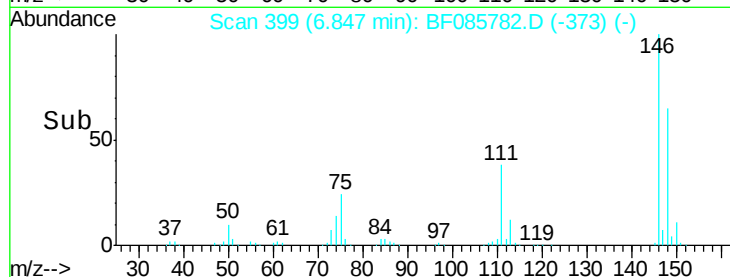
111 38.1 37.8 56.6



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: 41.75 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

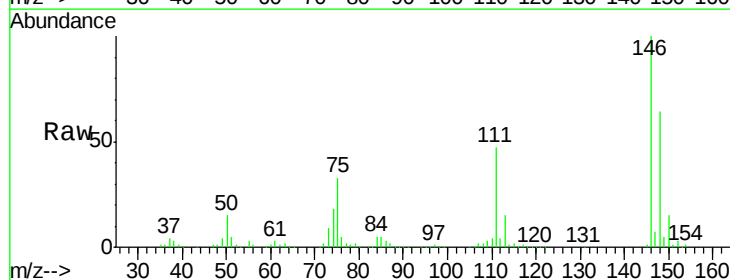
Tgt Ion:146 Resp: 319548

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

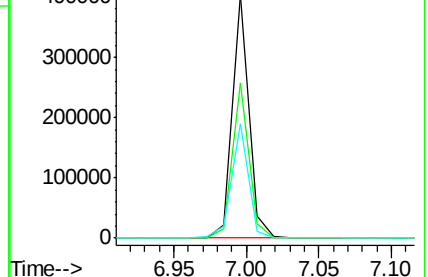
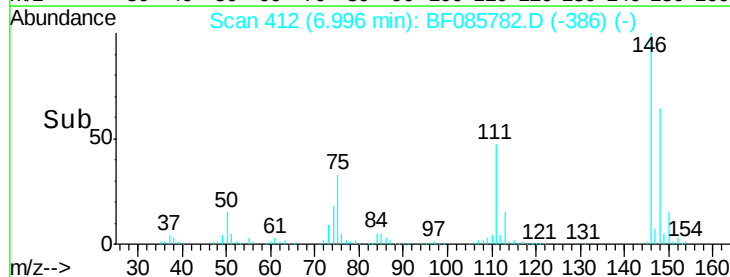
111 46.8 34.6 52.0

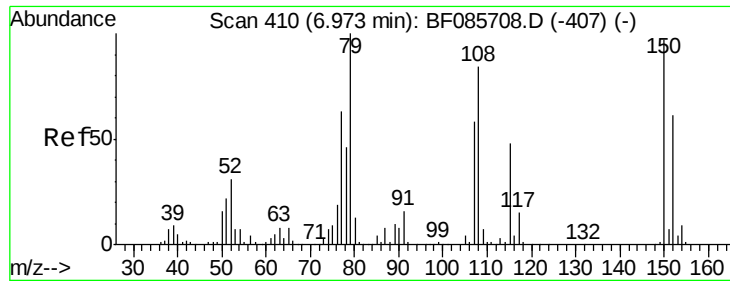


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.89 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

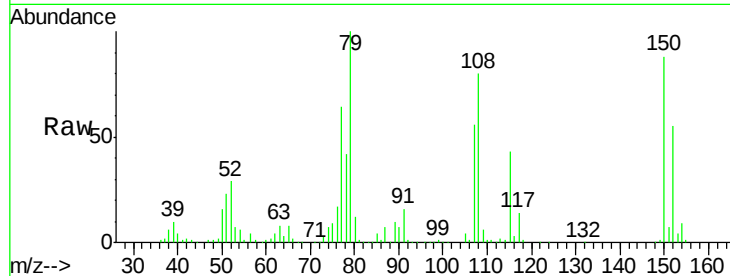
Tgt Ion: 79 Resp: 246459

Ion Ratio Lower Upper

79 100

108 80.2 61.8 92.6

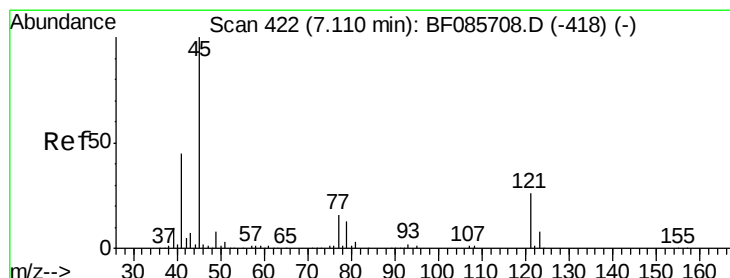
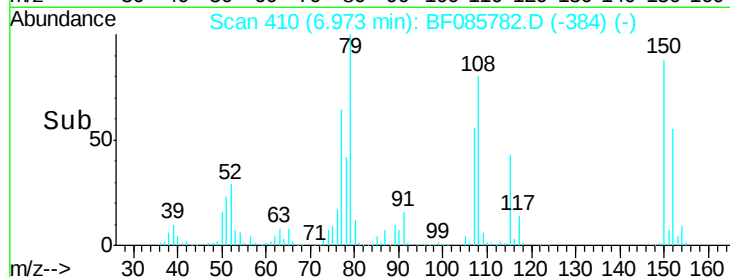
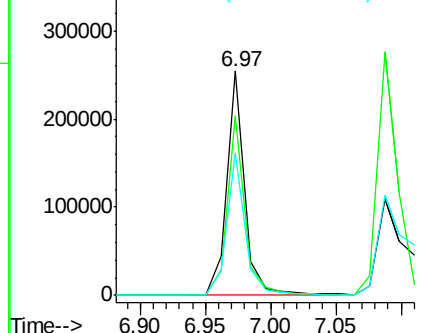
77 63.7 49.6 74.4



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: 41.59 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

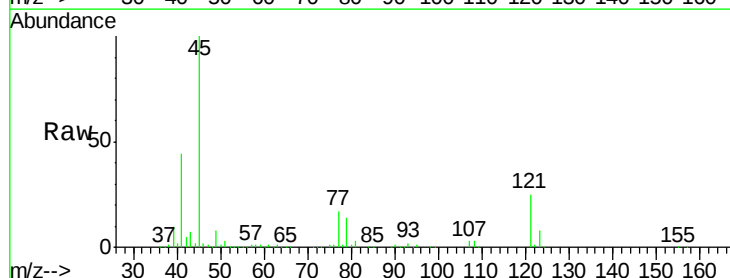
Tgt Ion: 45 Resp: 395930

Ion Ratio Lower Upper

45 100

77 17.3 0.0 35.7

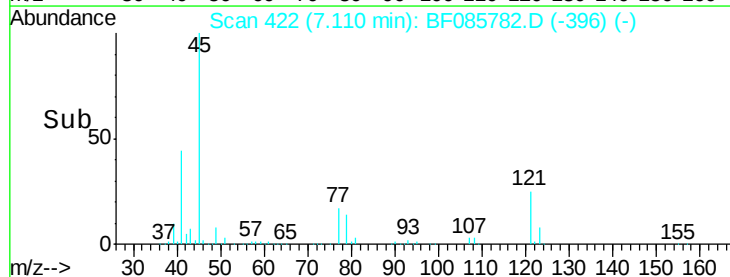
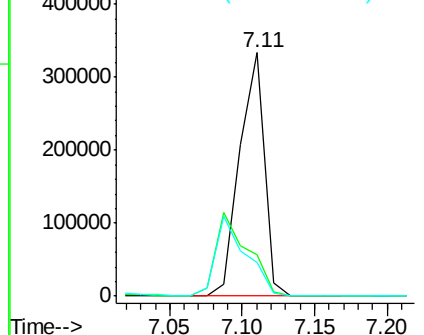
79 13.8 0.0 32.2

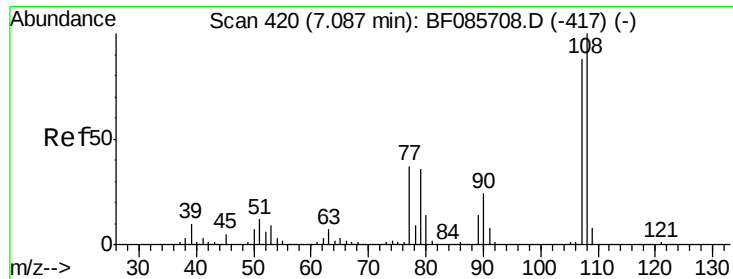


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

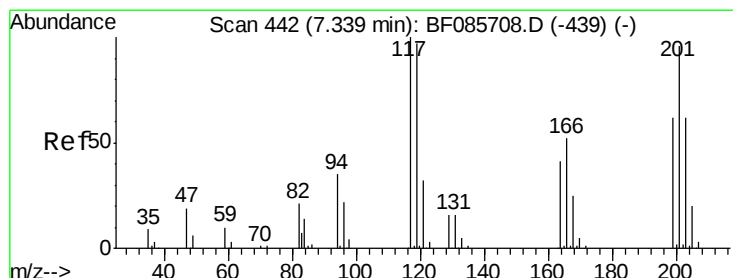
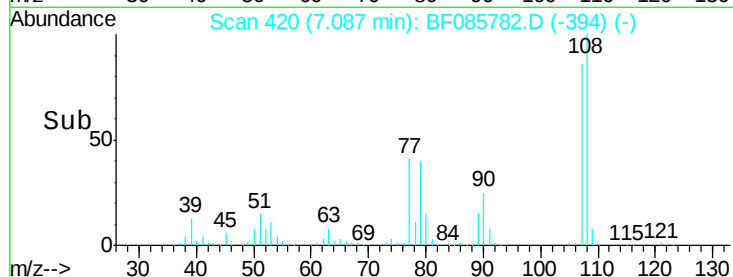
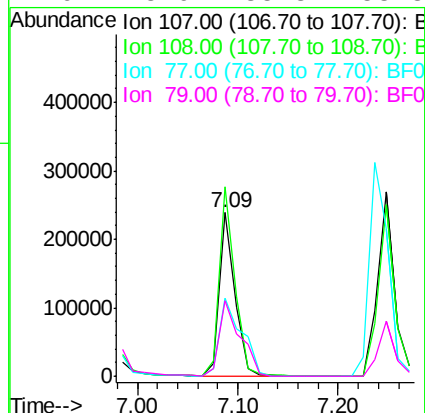
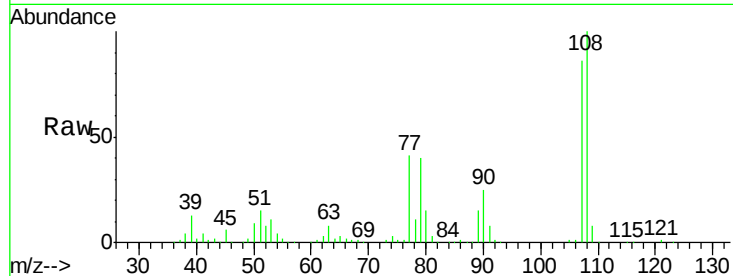




#17
2-Methylphenol
Concen: 42.57 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

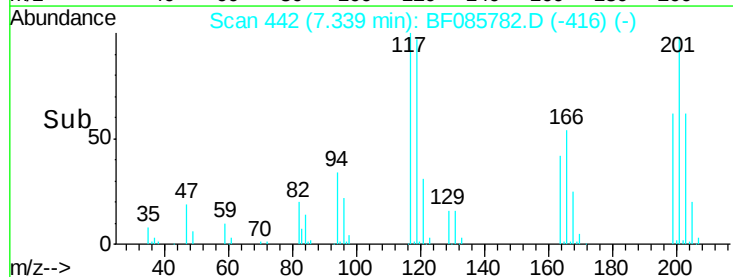
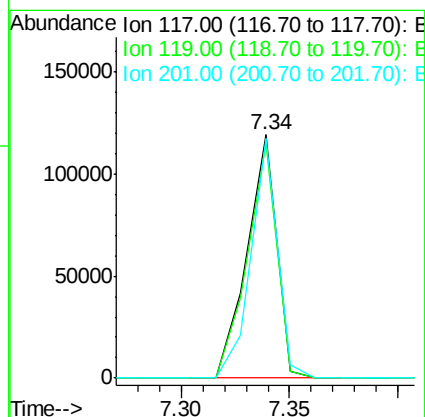
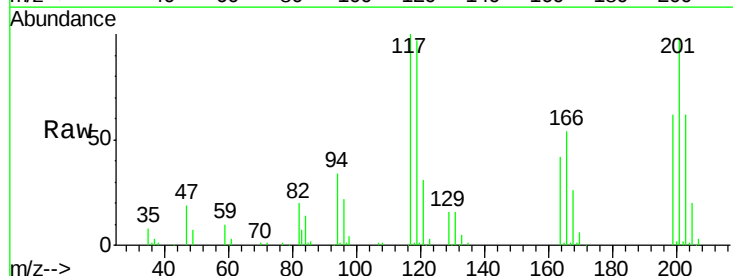
Instrument :
BNA_F
ClientSampleId :
13MS

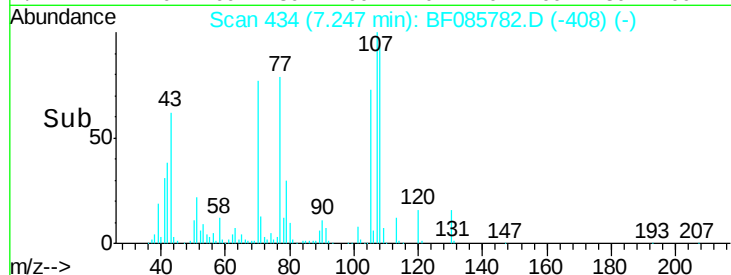
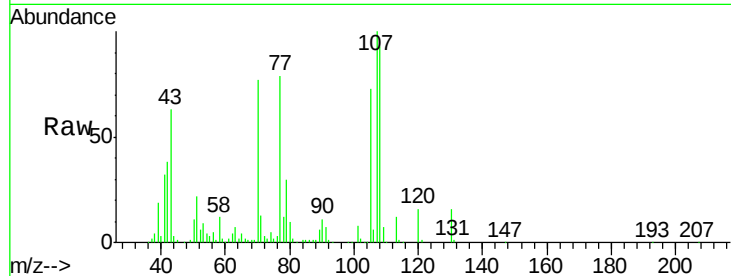
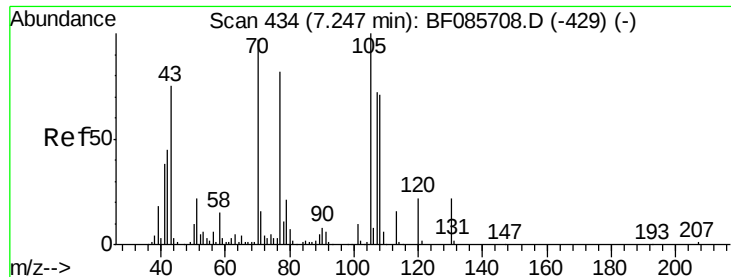
Tgt Ion:	107	Resp:	256304
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.4	137.0
77	47.6	36.2	54.2
79	45.9	35.8	53.8



#18
Hexachloroethane
Concen: 37.50 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:	117	Resp:	112766
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.7	115.1
201	98.3	83.3	124.9

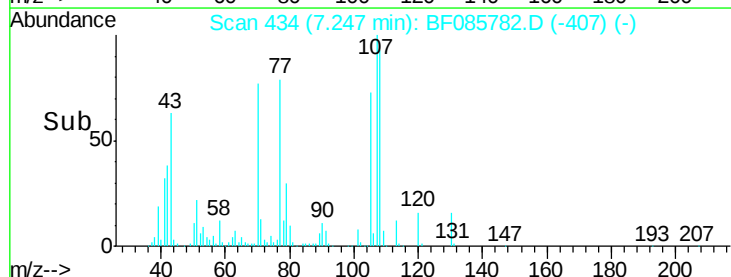
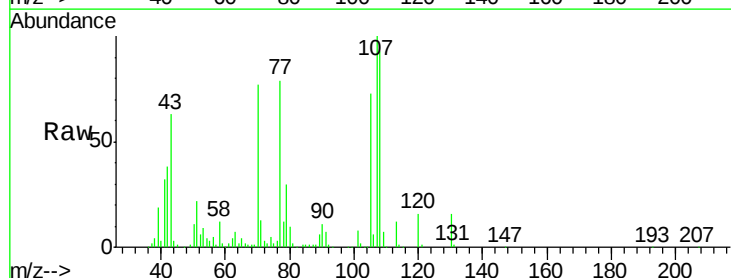
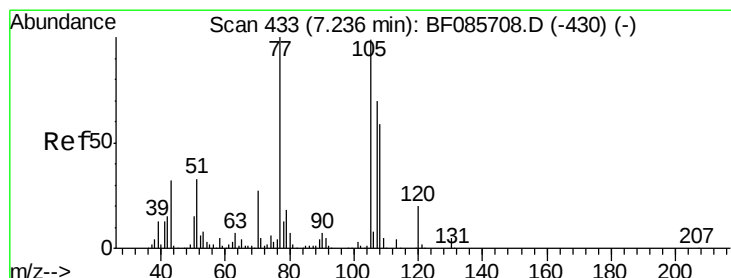
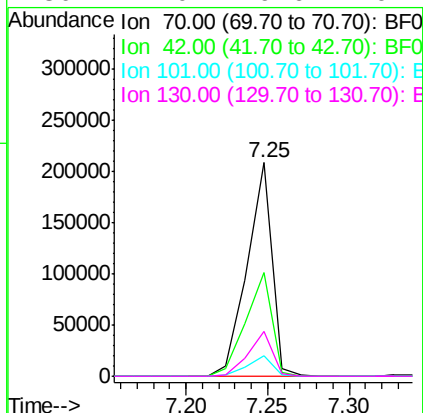




#19
n-Nitroso-di-n-propylamine
Concen: 44.66 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

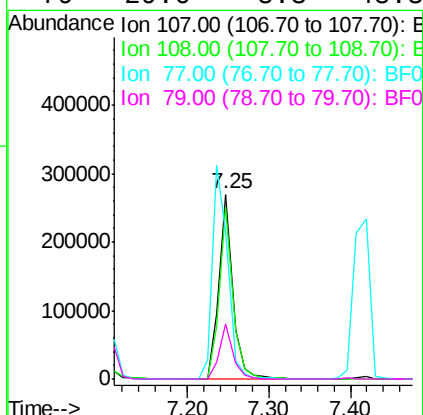
Instrument :
BNA_F
ClientSampleId :
13MS

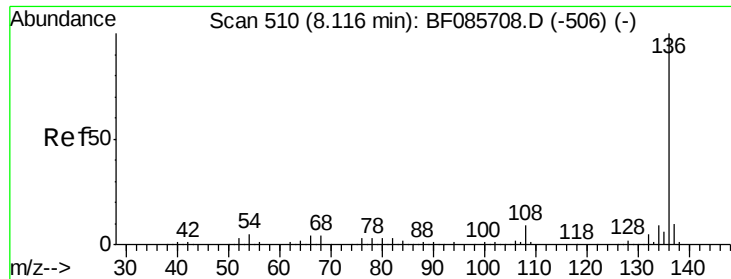
Tgt Ion:	70	Resp:	220058
Ion	Ratio	Lower	Upper
70	100		
42	48.8	37.1	55.7
101	9.9	8.6	12.8
130	21.0	19.6	29.4



#20
3+4-Methylphenols
Concen: 43.78 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:	107	Resp:	316894
Ion	Ratio	Lower	Upper
107	100		
108	92.9	69.3	109.3
77	79.4	101.7	141.7#
79	29.6	8.3	48.3

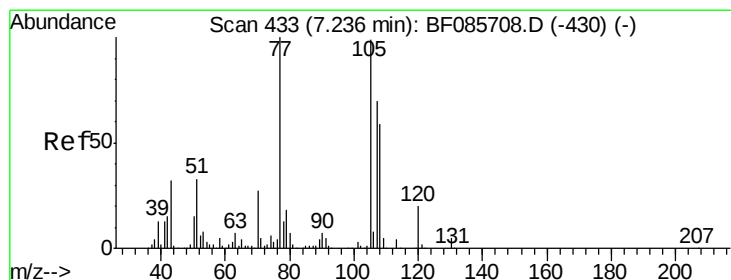
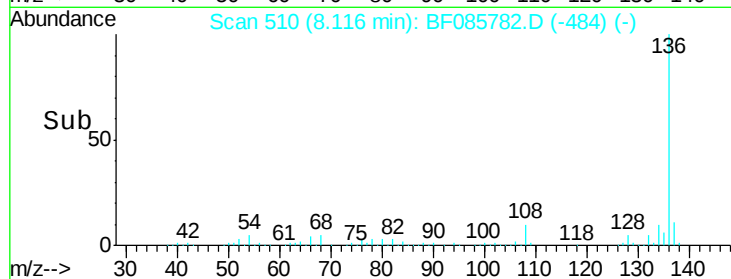
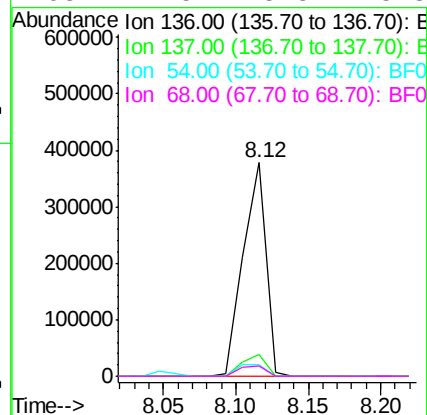
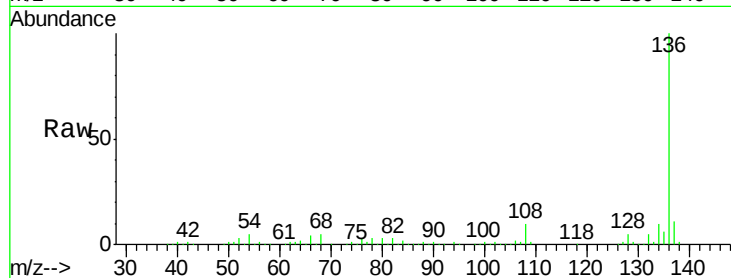




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

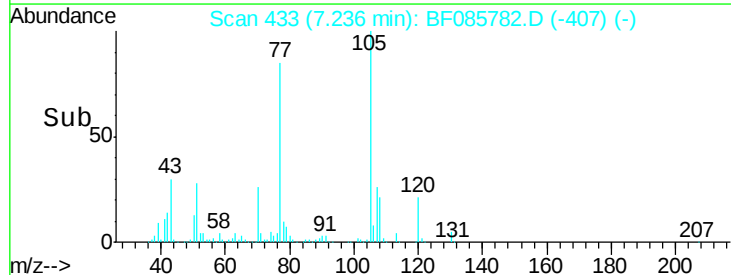
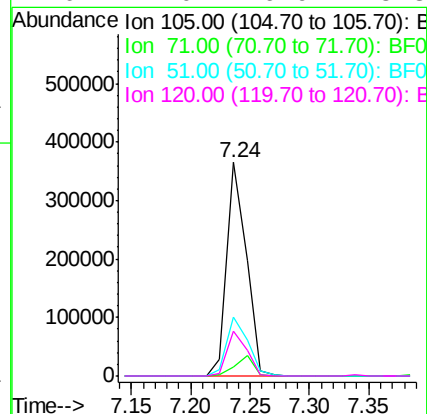
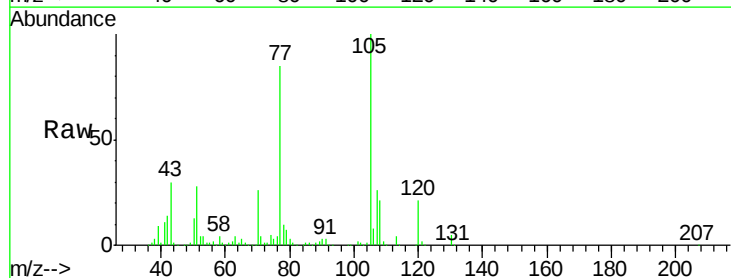
Instrument :
BNA_F
ClientSampleId :
13MS

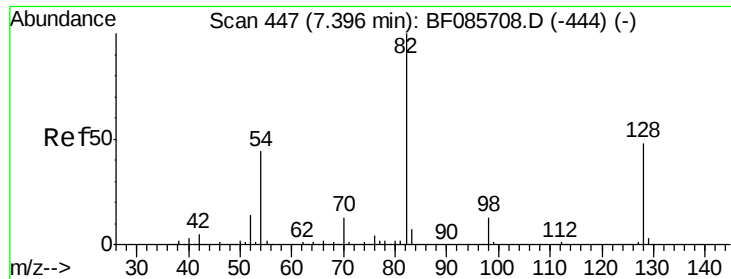
Tgt Ion:	136	Resp:	413909
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.3	7.4	11.0#
68	4.5	5.8	8.8#



#22
Acetophenone
Concen: 43.00 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:	105	Resp:	414624
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.6	5.4
51	27.8	25.4	38.0
120	21.0	16.9	25.3

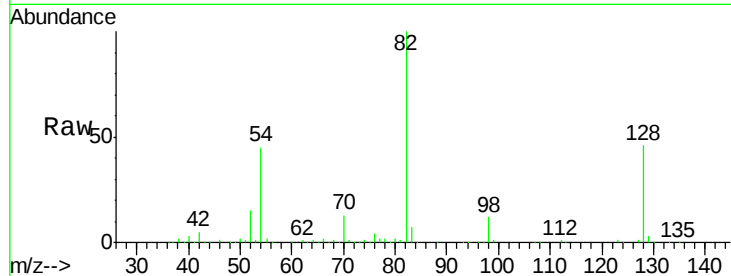




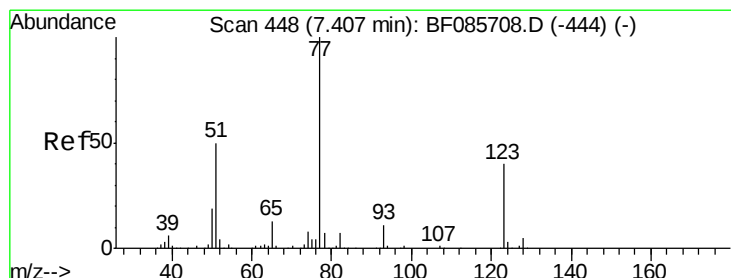
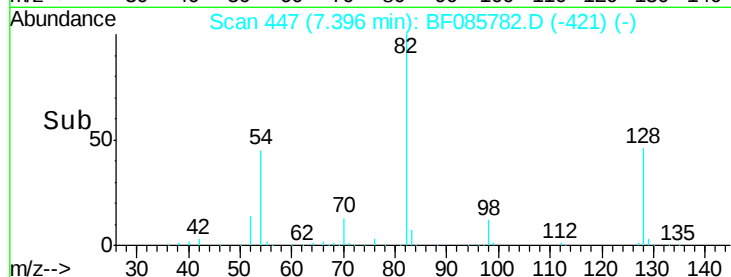
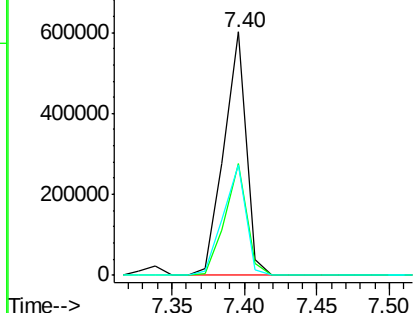
#23
Nitrobenzene-d5
Concen: 87.35 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	41.8	62.8
54	45.2	33.4	50.0

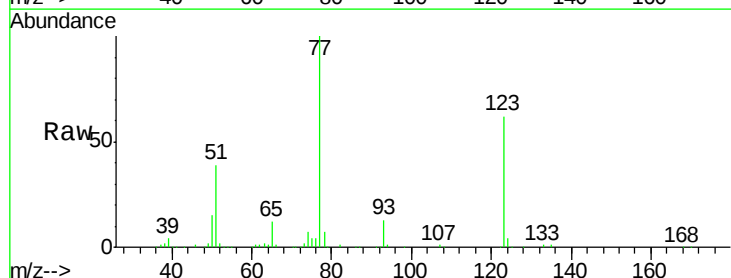


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

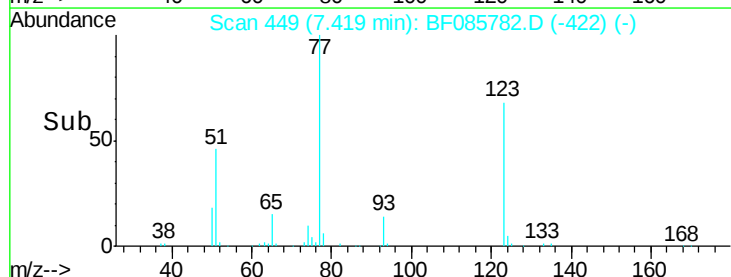
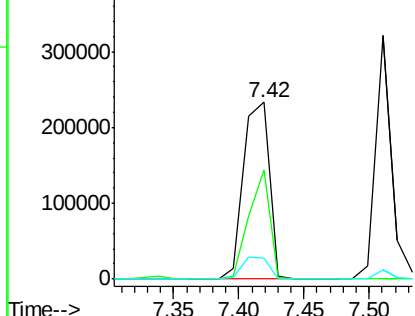


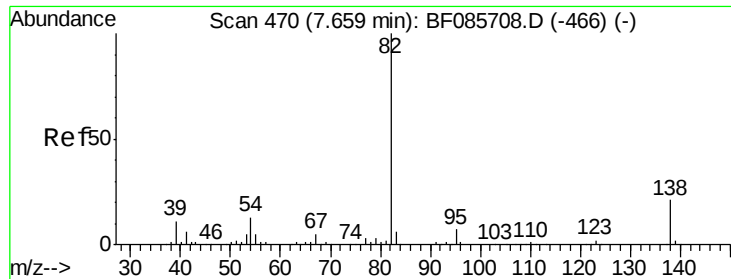
#24
Nitrobenzene
Concen: 42.10 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	62.0	35.0	52.4#
65	11.9	10.6	16.0



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





#25

Isophorone

Concen: 42.25 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

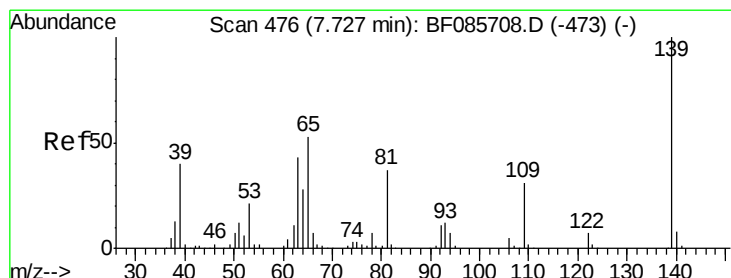
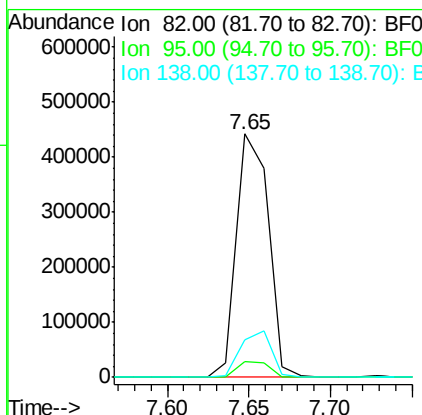
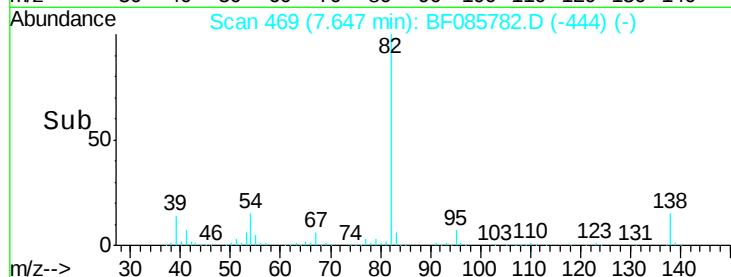
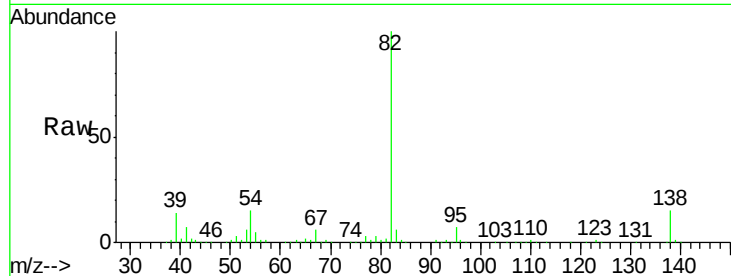
Tgt Ion: 82 Resp: 598233

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 15.3 12.9 19.3



#26

2-Nitrophenol

Concen: 38.68 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

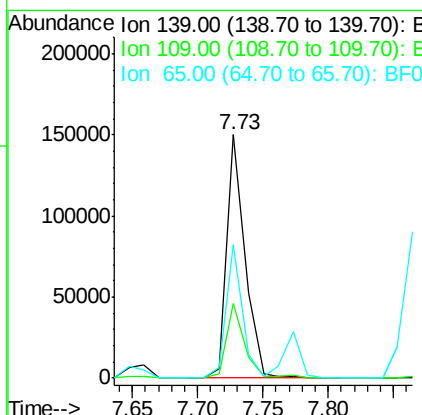
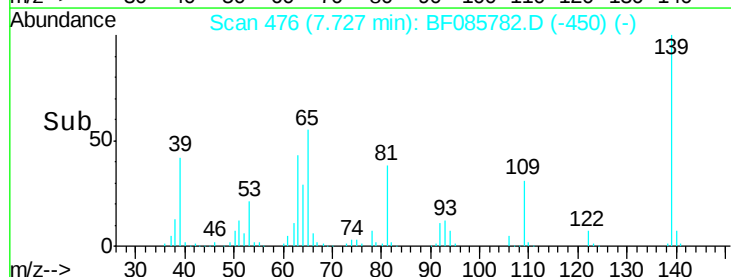
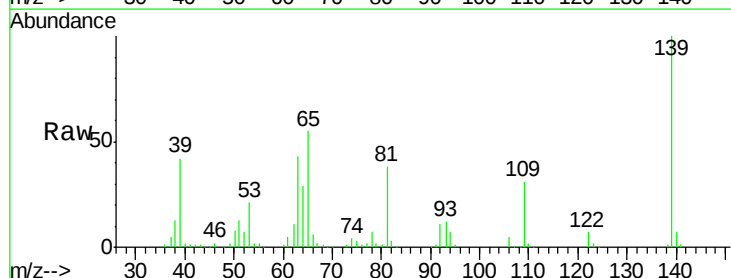
Tgt Ion: 139 Resp: 146604

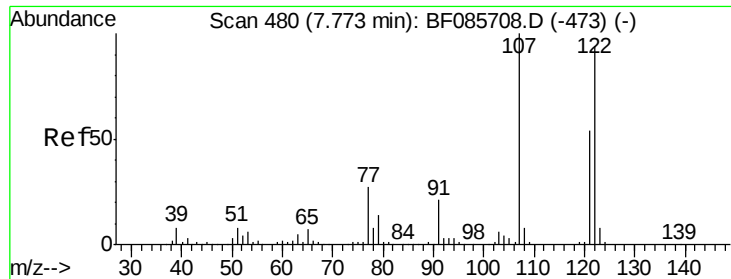
Ion Ratio Lower Upper

139 100

109 30.5 22.1 33.1

65 54.9 33.9 50.9#

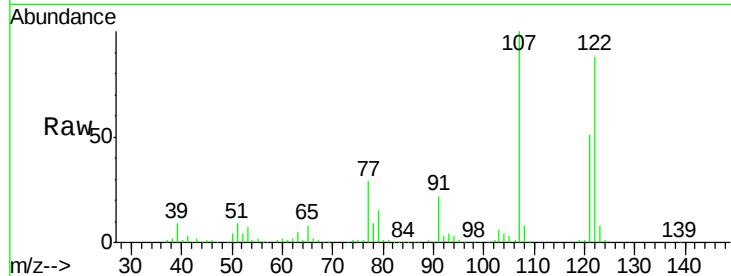




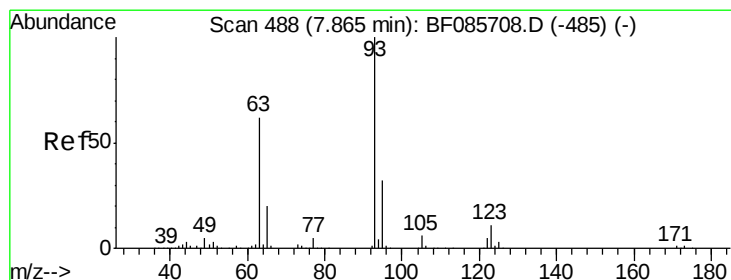
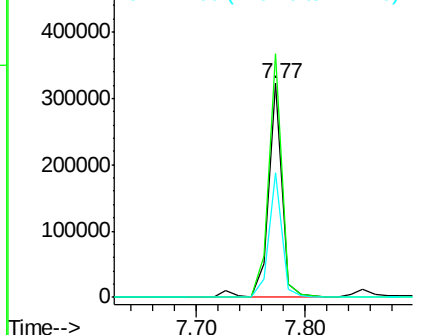
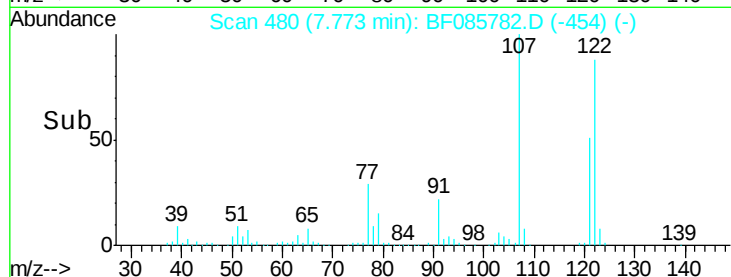
#27
 2,4-Dimethylphenol
 Concen: 42.90 ng
 RT: 7.77 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.9	93.0	139.6
121	58.5	45.9	68.9

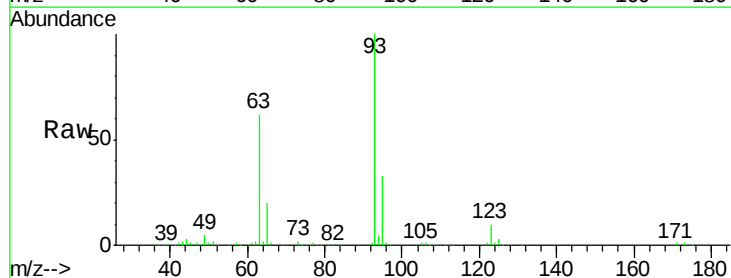


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

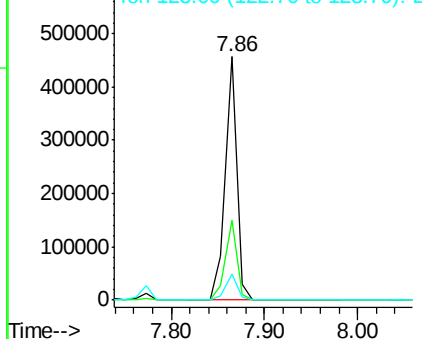
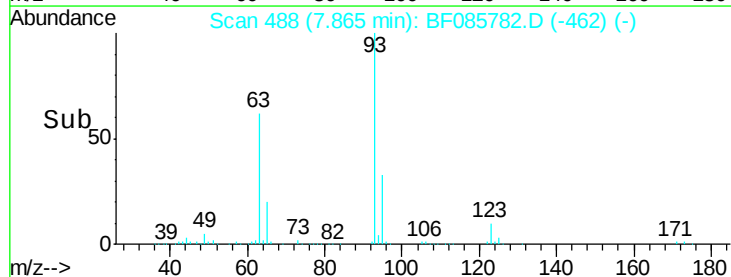


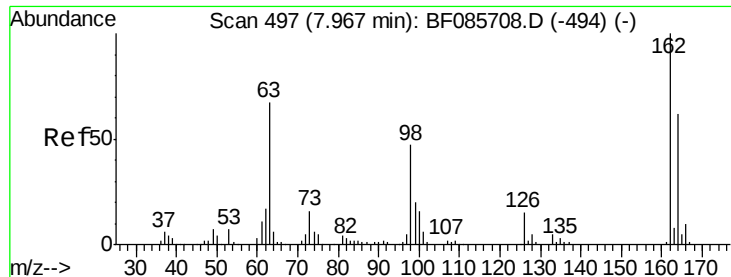
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.92 ng
 RT: 7.86 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	10.5	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

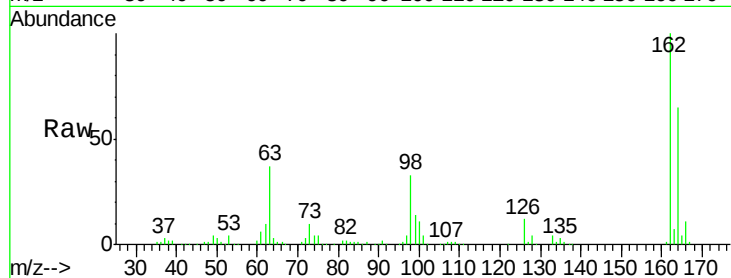




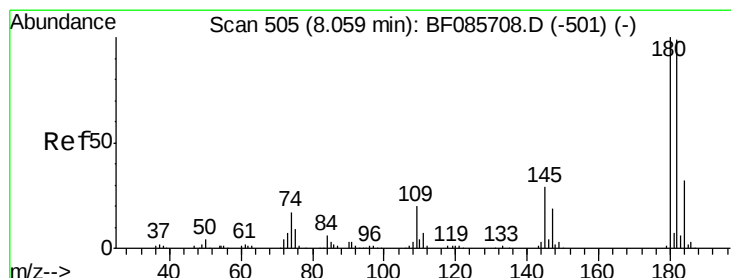
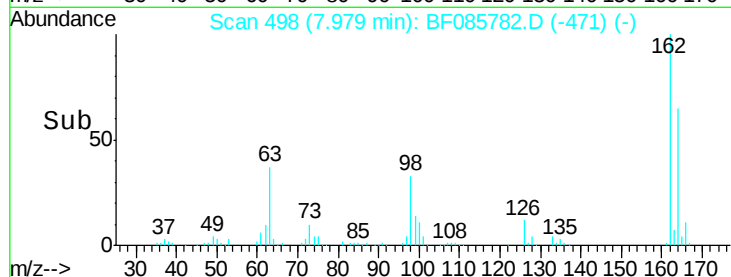
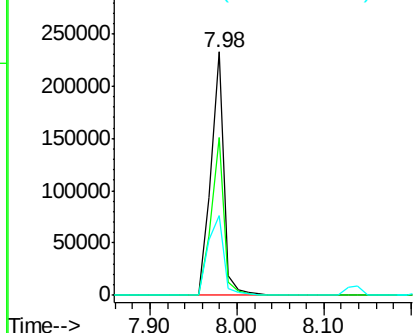
#29
2,4-Dichlorophenol
Concen: 44.25 ng
RT: 7.98 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion:162 Resp: 246448
Ion Ratio Lower Upper
162 100
164 64.9 43.7 83.7
98 32.6 20.4 60.4

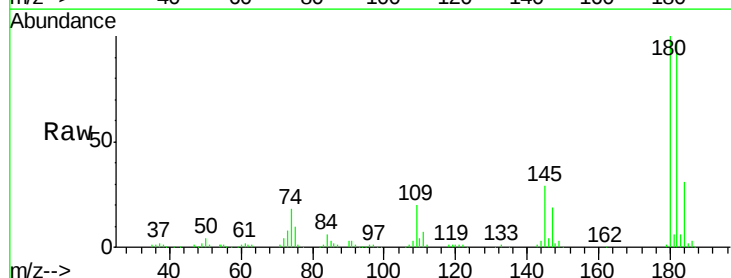


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

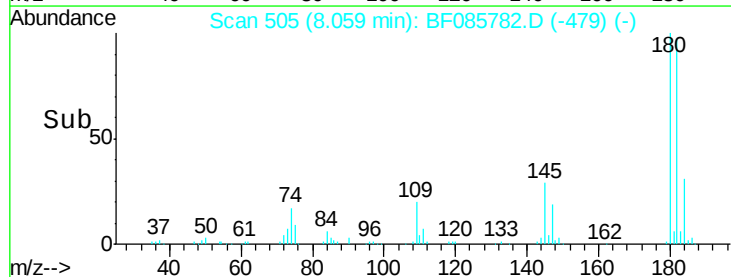
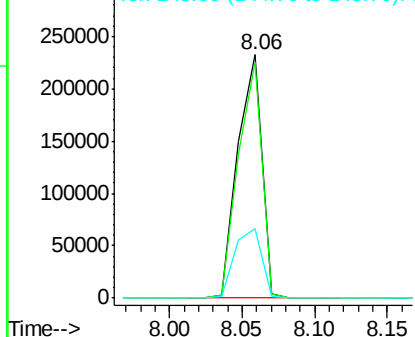


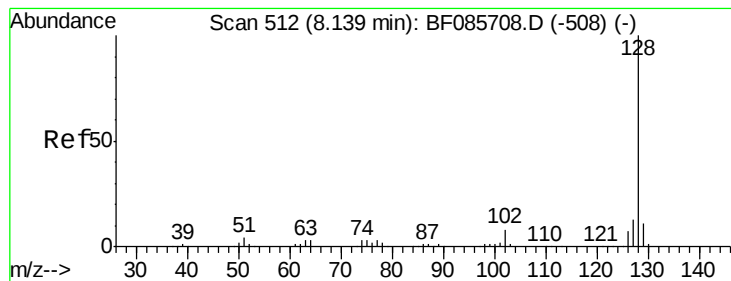
#30
1,2,4-Trichlorobenzene
Concen: 43.32 ng
RT: 8.06 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:180 Resp: 267872
Ion Ratio Lower Upper
180 100
182 96.7 73.8 110.8
145 28.6 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: 42.65 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

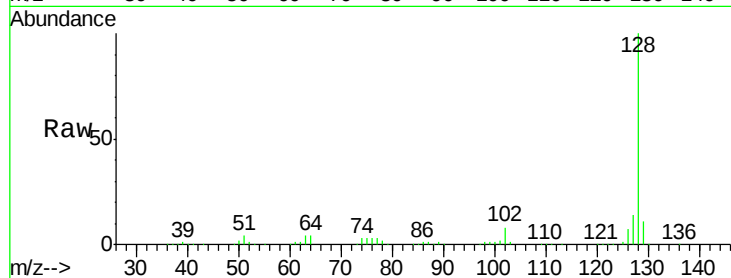
Tgt Ion:128 Resp: 889500

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

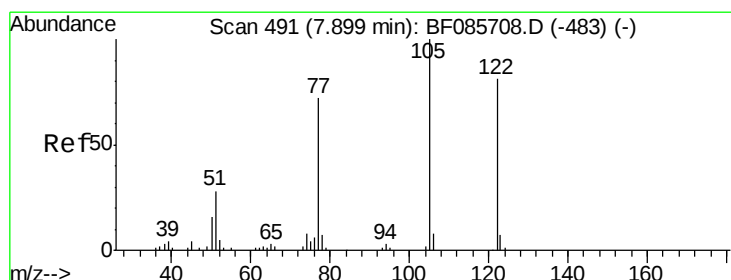
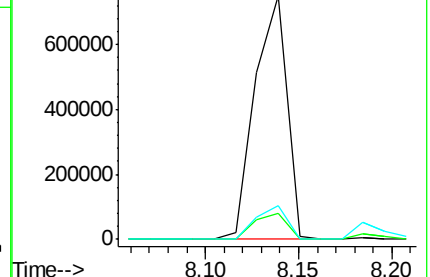
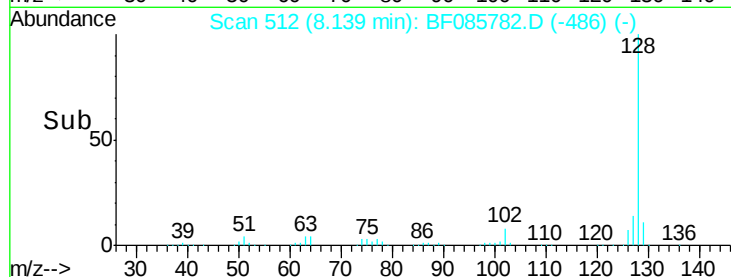
127 13.7 11.0 16.6



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: 5.45 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

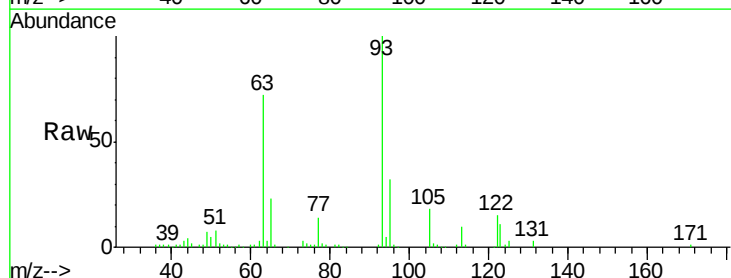
Tgt Ion:122 Resp: 23969

Ion Ratio Lower Upper

122 100

105 125.3 102.9 142.9

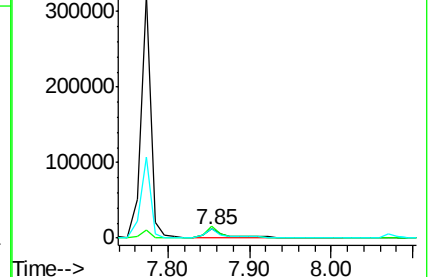
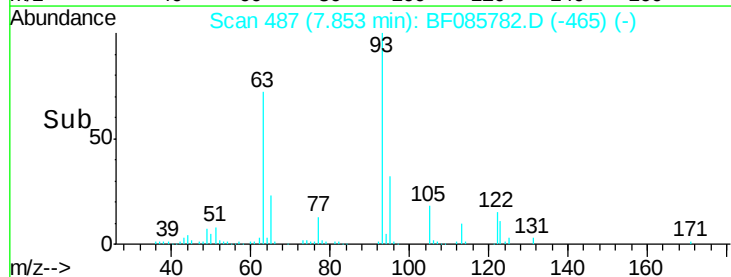
77 95.9 71.8 111.8



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

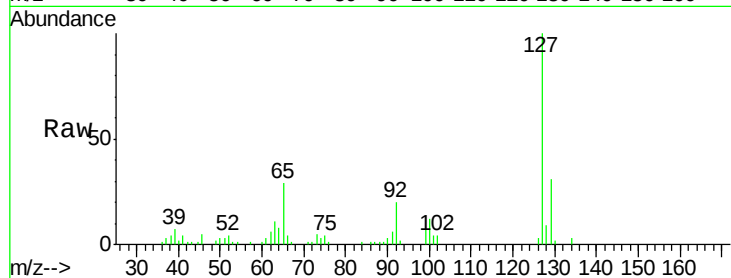




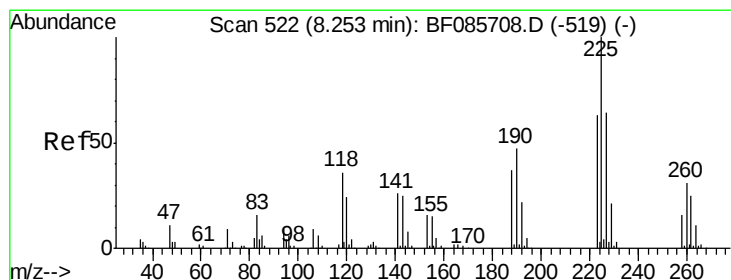
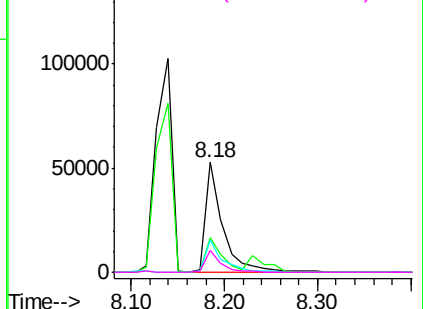
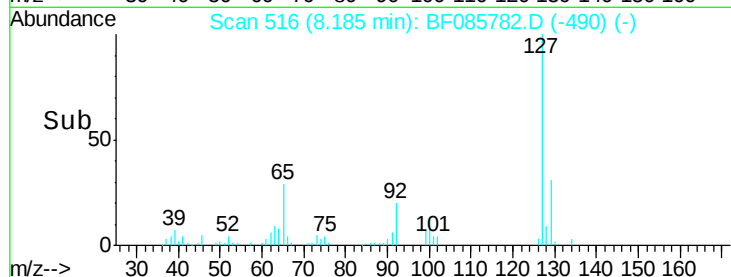
#33
4-Chloroaniline
Concen: 8.10 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion:	127	Resp:	69007
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	29.5	19.5	29.3#
92	19.6	14.6	22.0

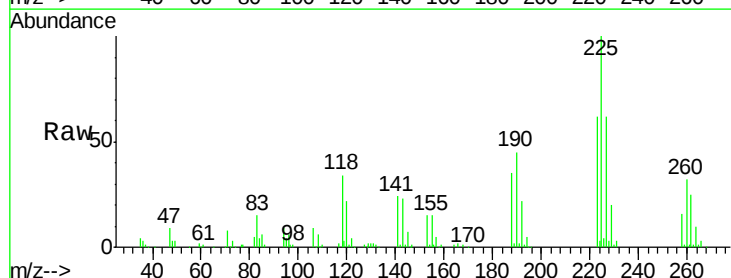


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

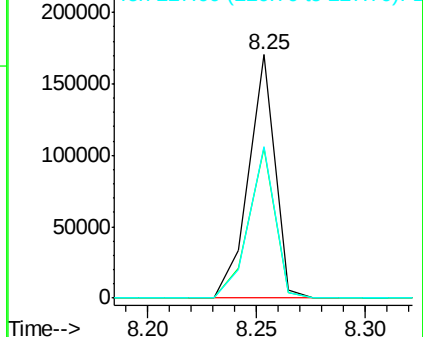
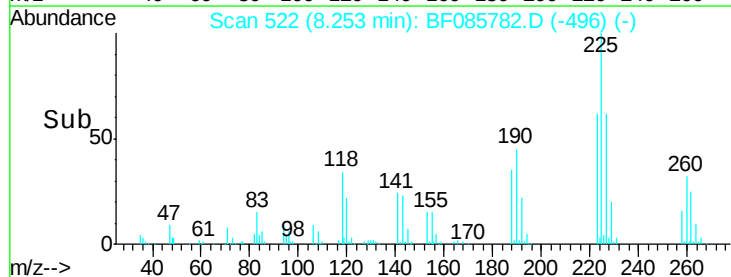


#34
Hexachlorobutadiene
Concen: 42.80 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:	225	Resp:	143841
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.4	75.6
227	62.5	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

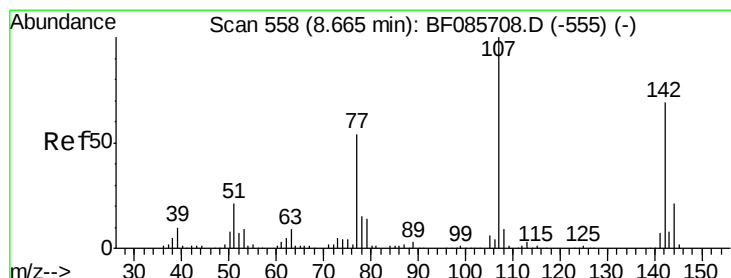
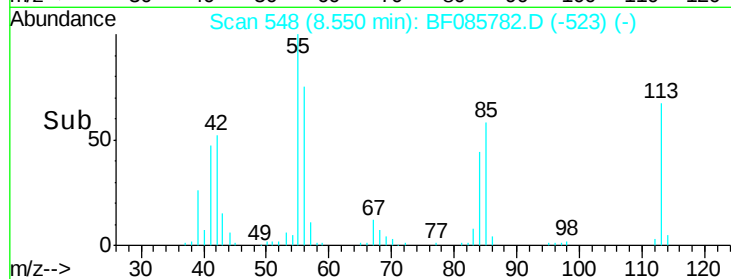
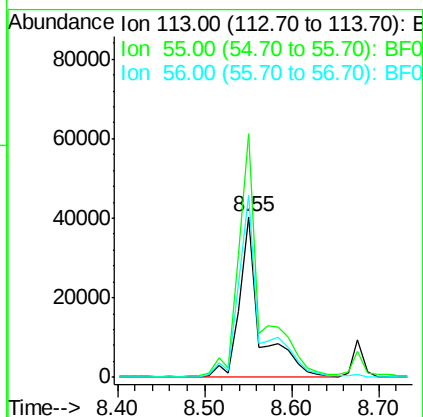
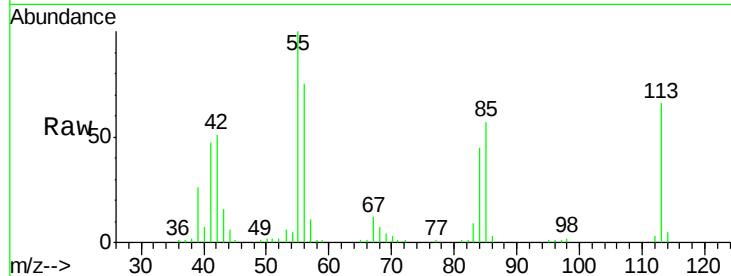




#35
 Caprolactam
 Concen: 34.10 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

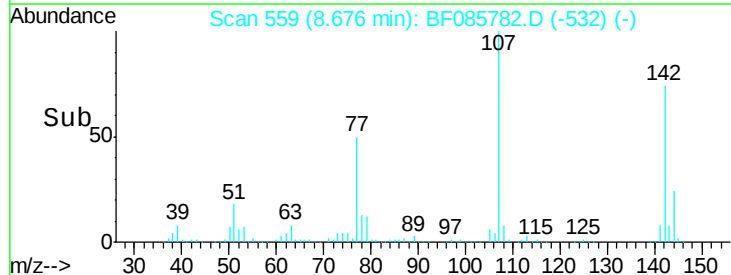
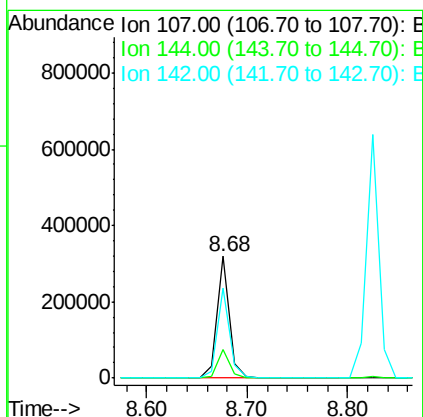
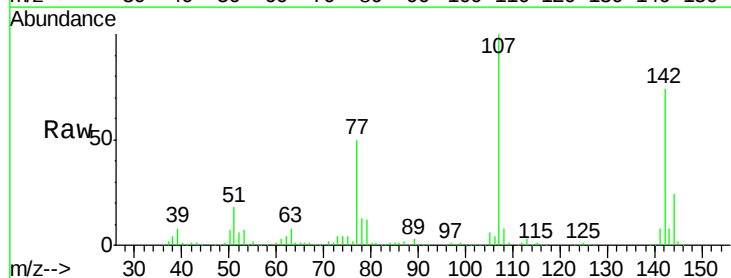
Instrument :
 BNA_F
 ClientSampleId :
 13MS

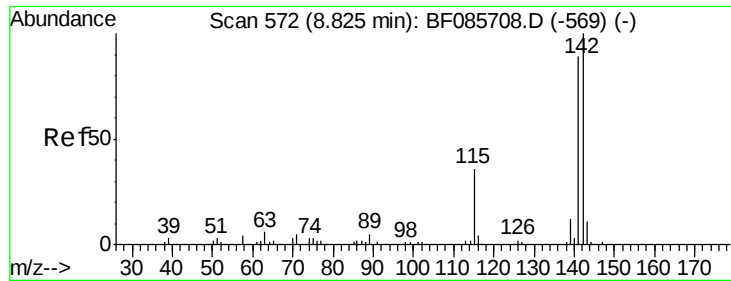
Tgt Ion:113 Resp: 67278
 Ion Ratio Lower Upper
 113 100
 55 151.2 139.4 179.4
 56 113.0 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.95 ng
 RT: 8.68 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:107 Resp: 272897
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.3 28.9
 142 74.3 61.4 92.0

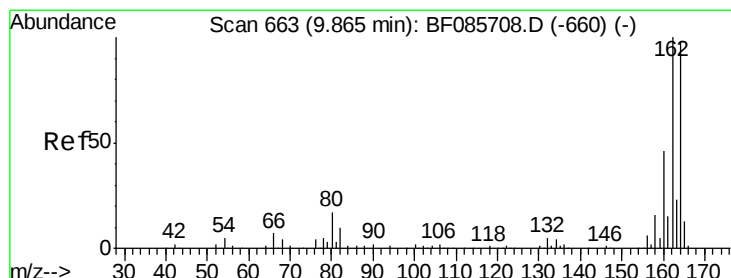
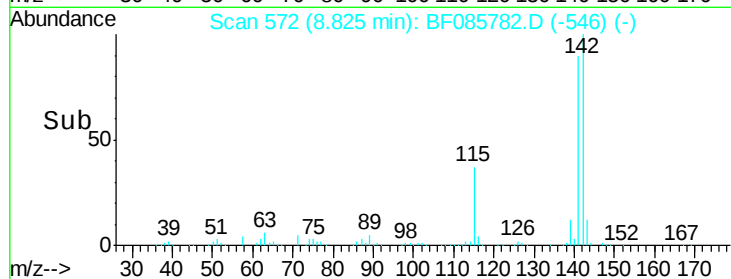
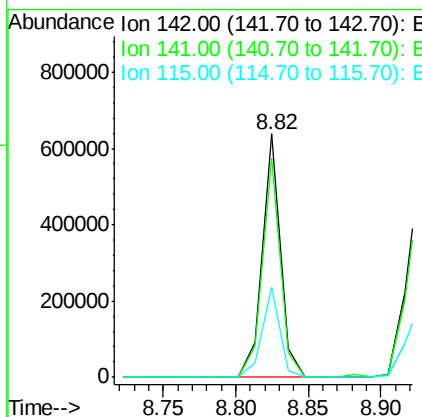
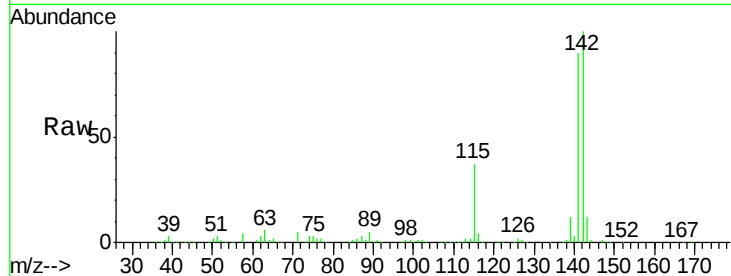




#37
 2-Methylnaphthalene
 Concen: 46.00 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

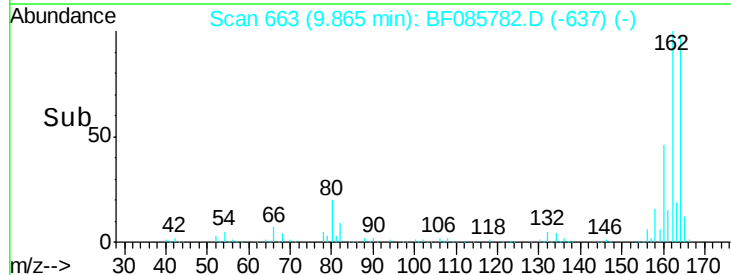
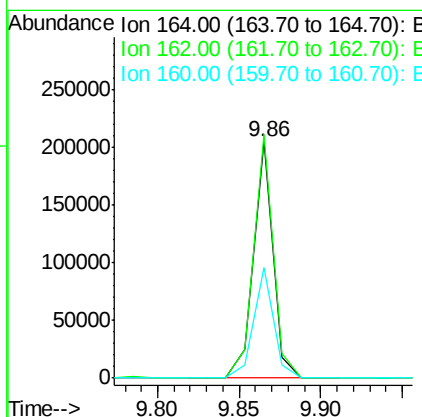
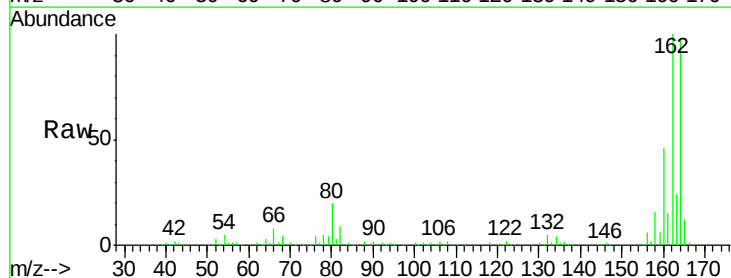
Instrument :
 BNA_F
 ClientSampleId :
 13MS

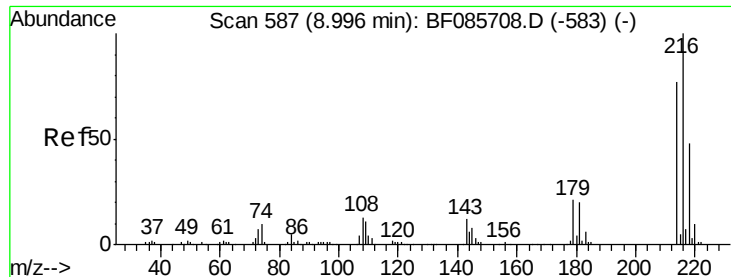
Tgt Ion:142 Resp: 556326
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.6 107.4
 115 36.9 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:164 Resp: 171109
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 46.9 37.4 56.2

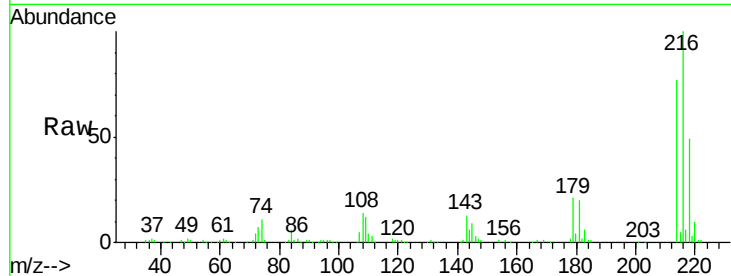




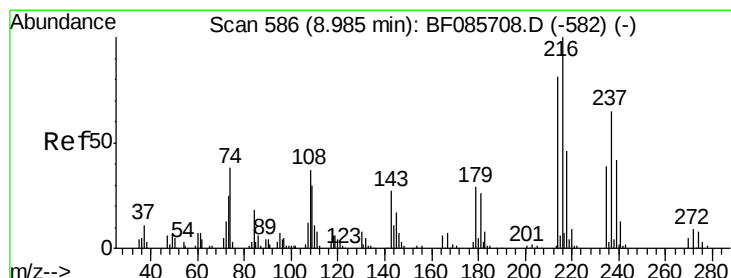
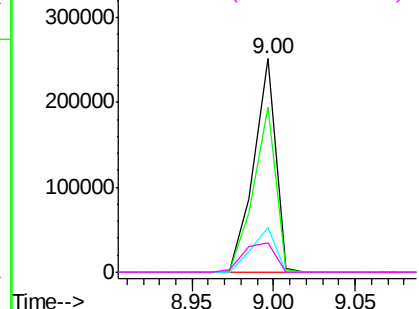
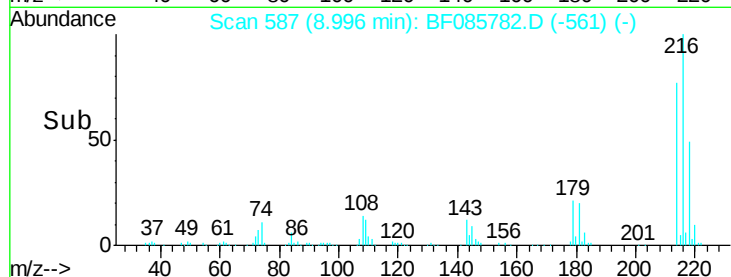
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.45 ng
 RT: 9.00 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion:	216	Resp:	235716
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.1	94.7
179	22.8	18.2	27.2
108	19.8	17.3	25.9

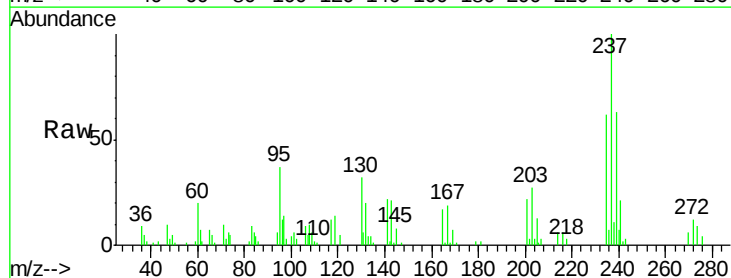


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

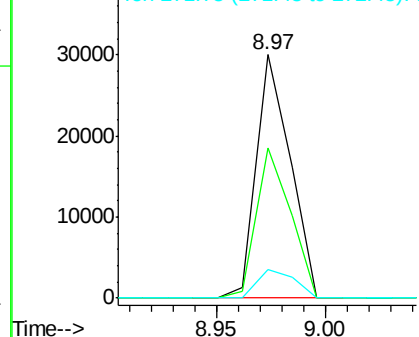
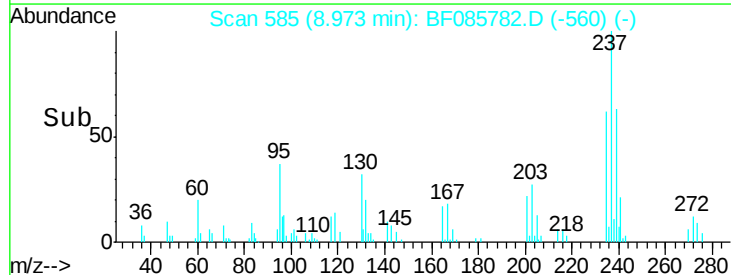


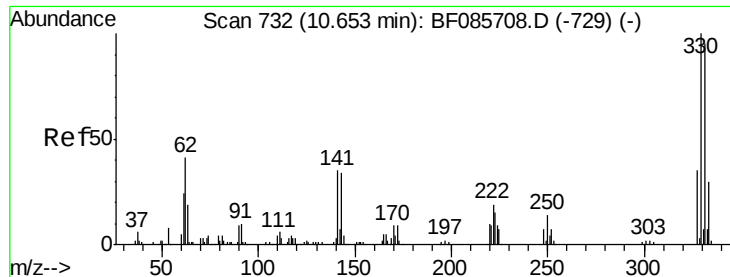
#40
 Hexachlorocyclopentadiene
 Concen: 22.81 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:	237	Resp:	32541
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.7	83.7
272	11.9	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

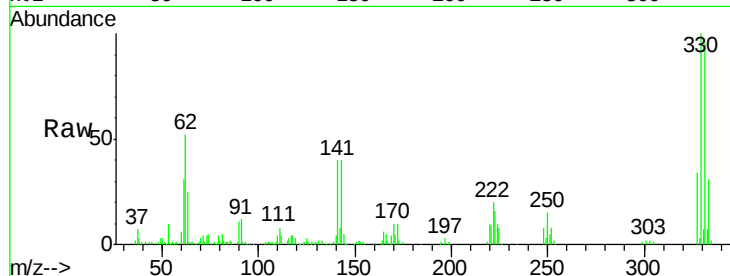




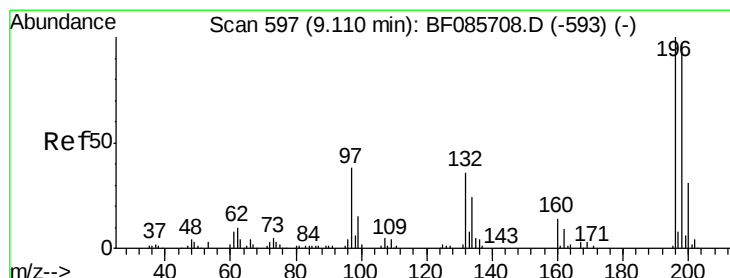
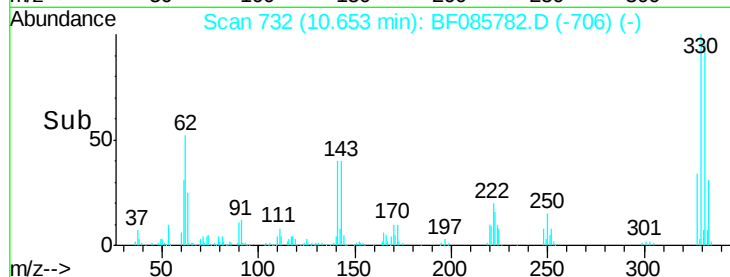
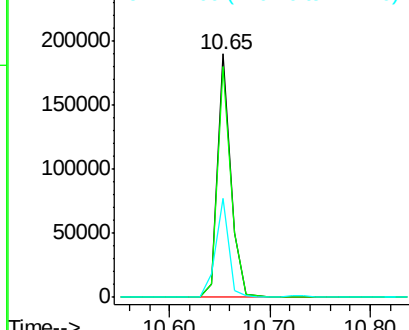
#41
 2,4,6-Tribromophenol
 Concen: 108.55 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampled :
 13MS

Tgt Ion:330 Resp: 176480
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.2 117.2
 141 40.2 31.5 47.3

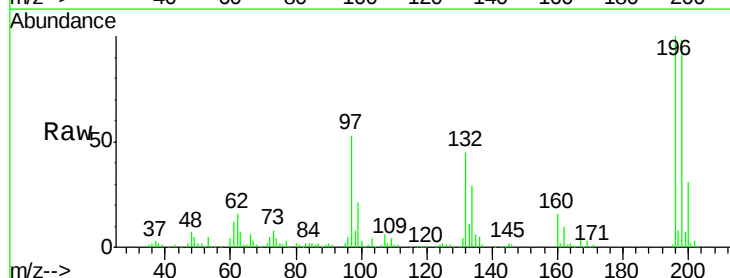


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

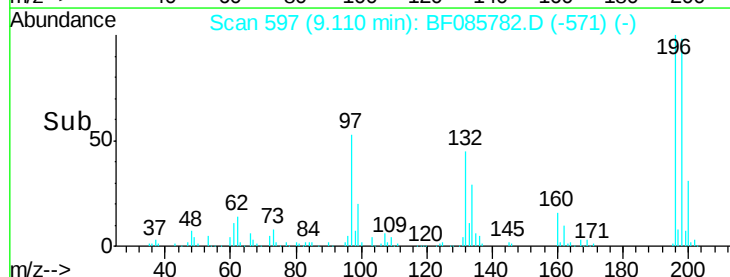
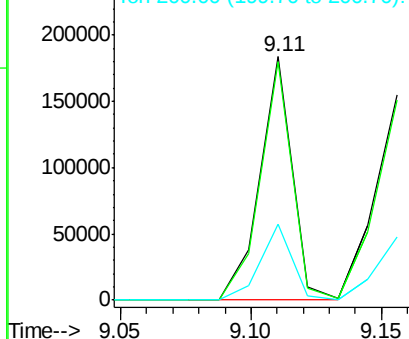


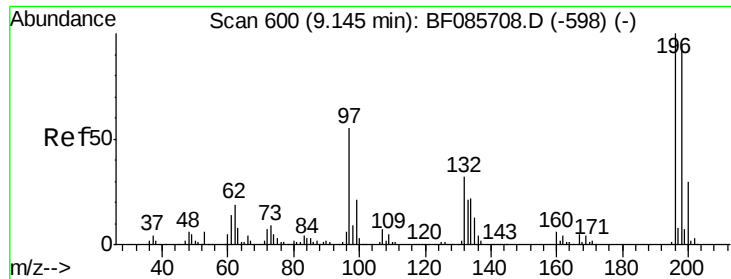
#42
 2,4,6-Trichlorophenol
 Concen: 46.67 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:196 Resp: 159955
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.3 112.9
 200 31.2 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

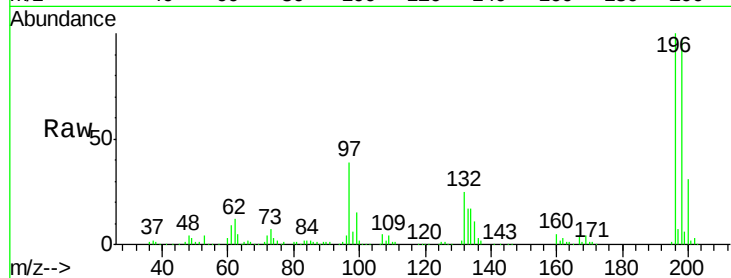




#43
 2,4,5-Trichlorophenol
 Concen: 43.08 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.6	114.8
97	38.8	30.5	45.7
132	25.4	20.2	30.2



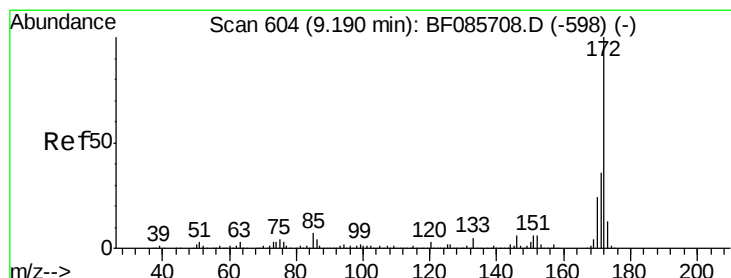
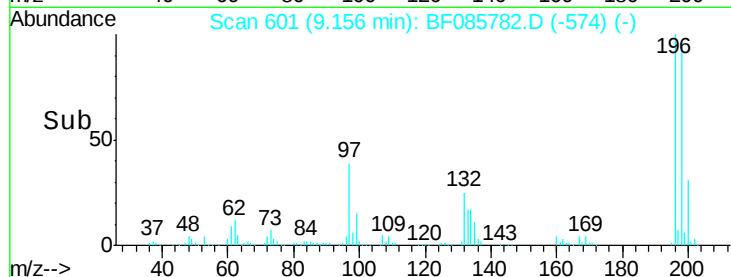
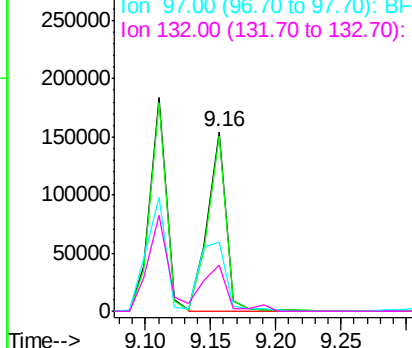
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

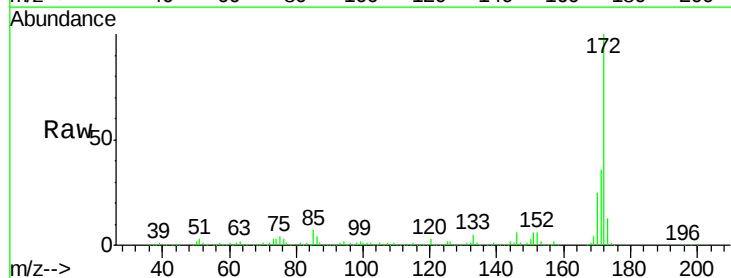
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.53 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.8	19.8	29.6

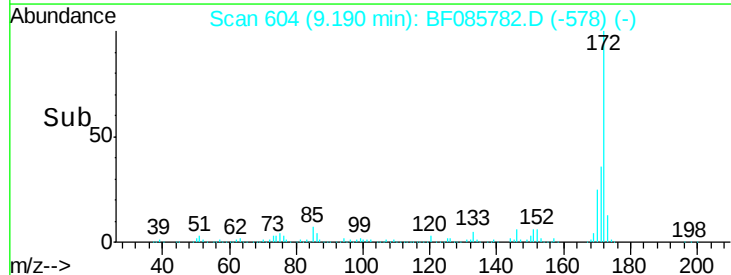
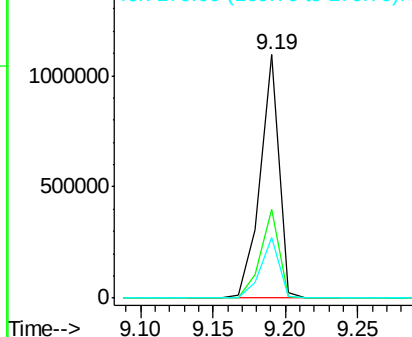


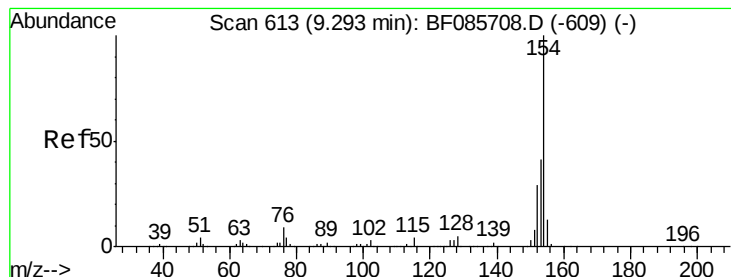
Abundance

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: 46.58 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

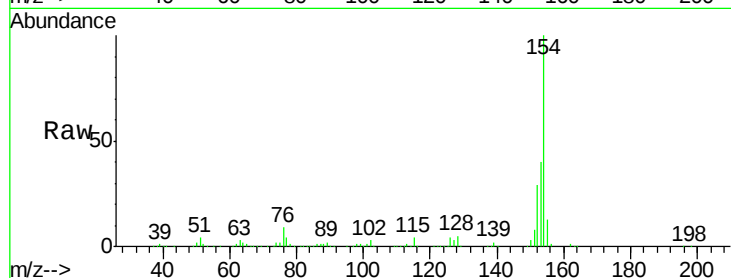
Tgt Ion:154 Resp: 672601

Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

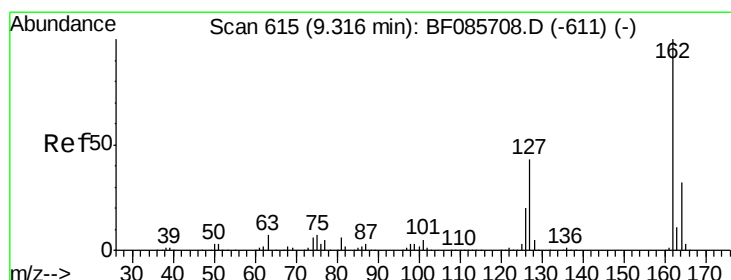
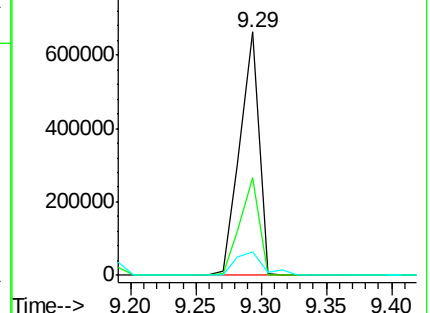
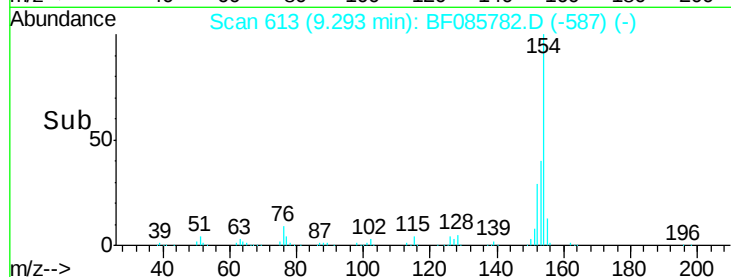
76 9.4 0.0 36.7



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: 47.27 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

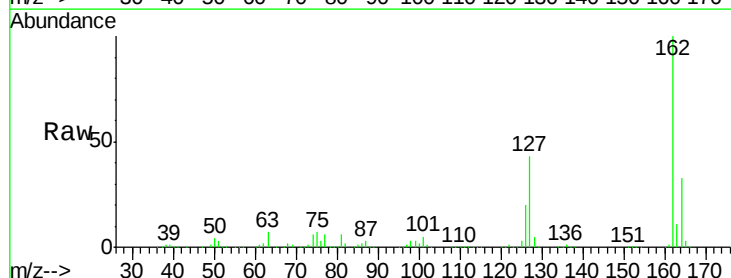
Tgt Ion:162 Resp: 501819

Ion Ratio Lower Upper

162 100

127 42.6 31.7 47.5

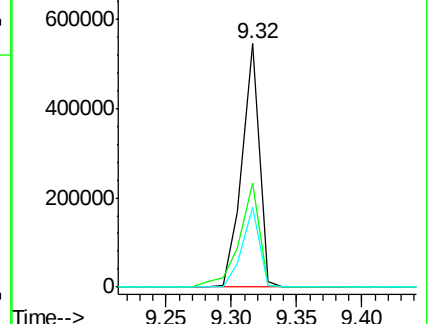
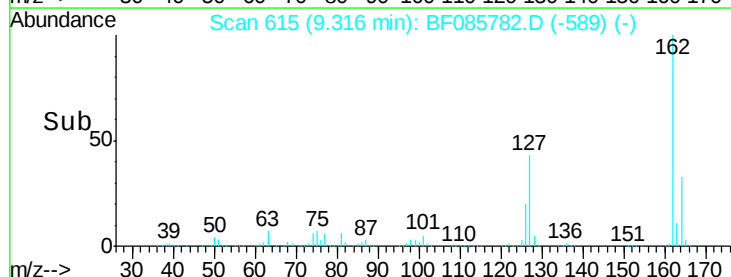
164 32.9 27.3 40.9

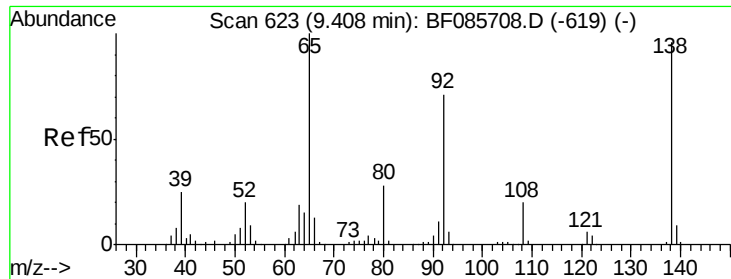


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

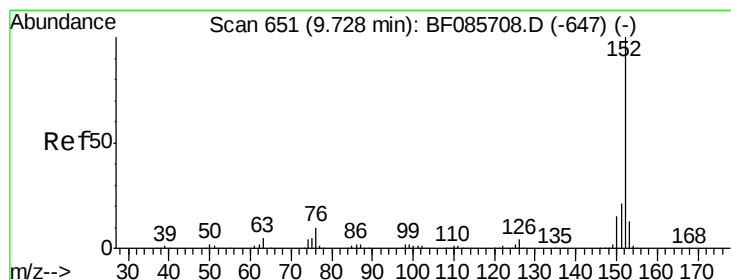
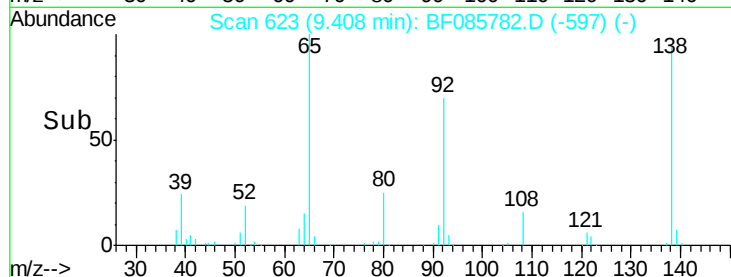
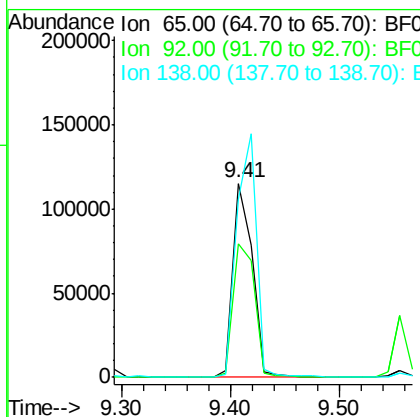
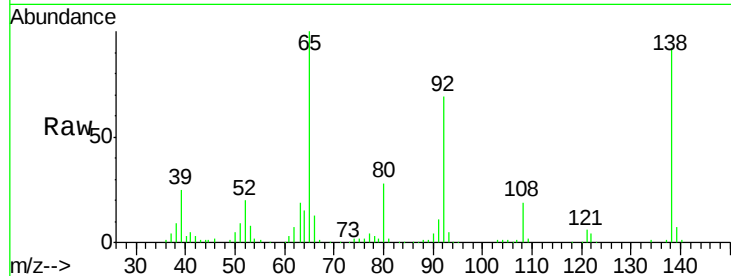




#47
2-Nitroaniline
Concen: 43.45 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

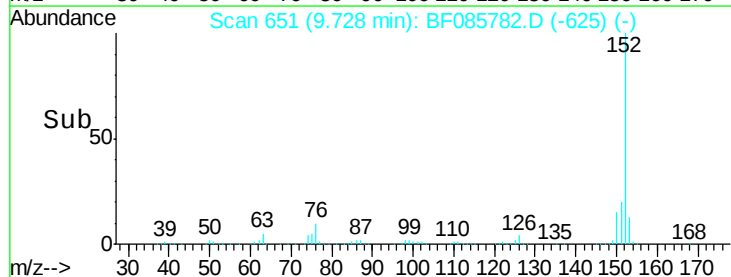
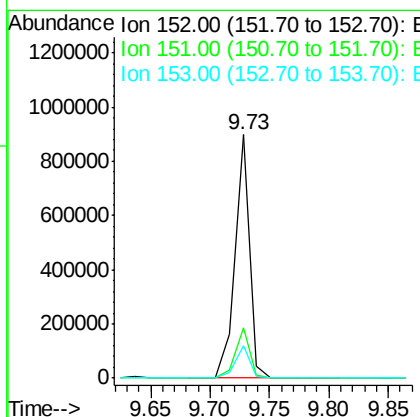
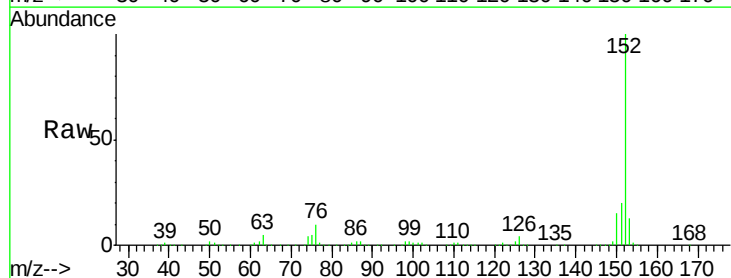
Instrument :
BNA_F
ClientSampleId :
13MS

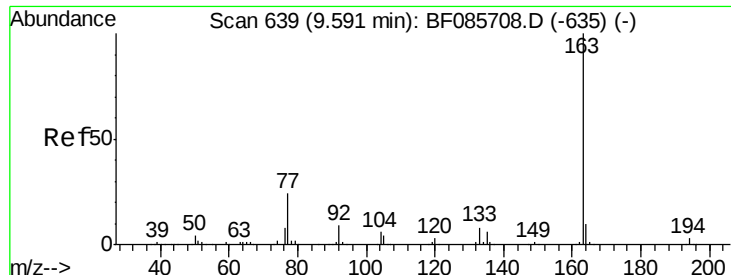
Tgt Ion: 65 Resp: 141053
Ion Ratio Lower Upper
65 100
92 68.7 59.7 89.5
138 92.3 91.4 137.0



#48
Acenaphthylene
Concen: 44.07 ng
RT: 9.73 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion: 152 Resp: 762433
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 59.59 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

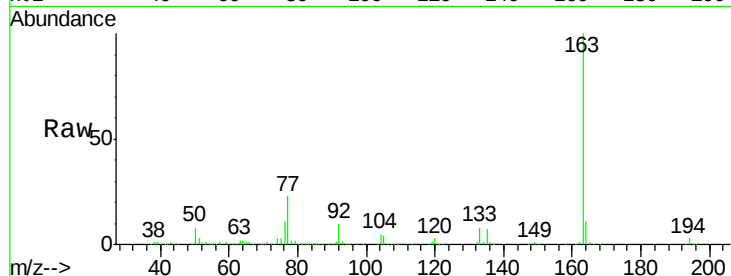
Tgt Ion:163 Resp: 773634

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

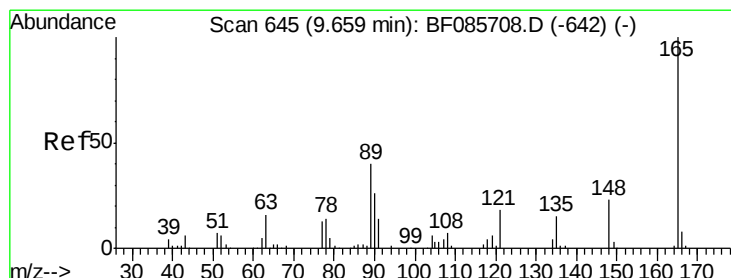
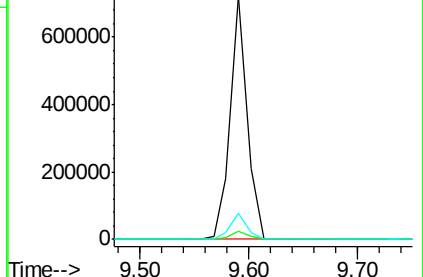
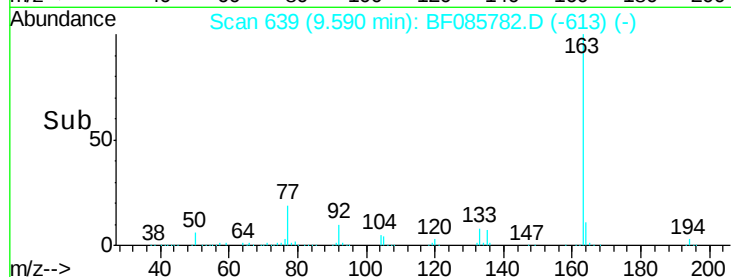
164 10.8 8.3 12.5



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: 46.74 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

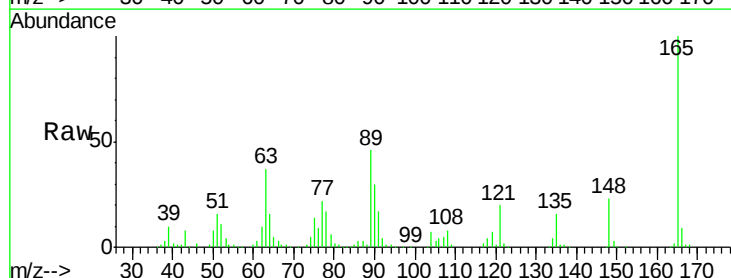
Tgt Ion:165 Resp: 130617

Ion Ratio Lower Upper

165 100

63 37.4 51.8 77.8#

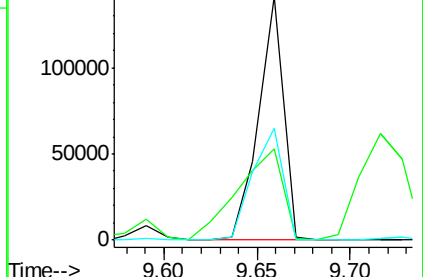
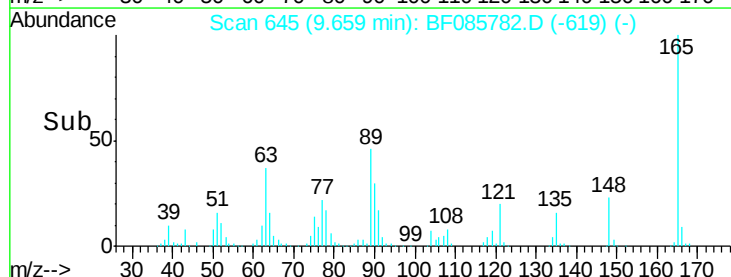
89 45.9 53.7 80.5#



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

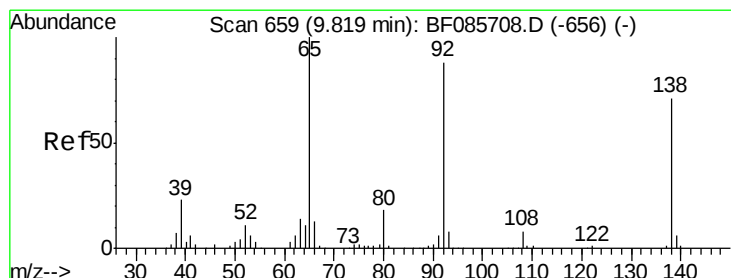
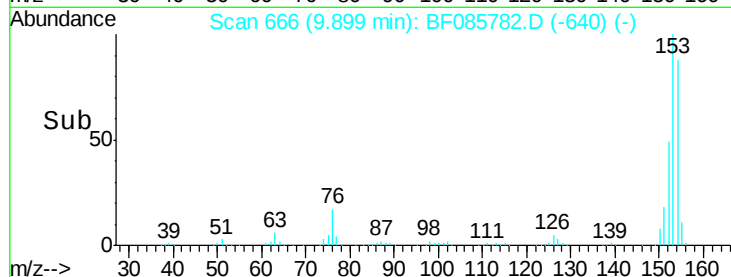
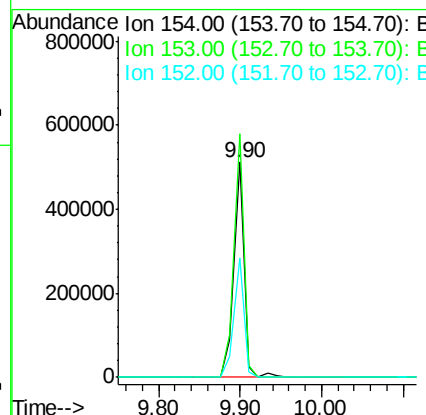
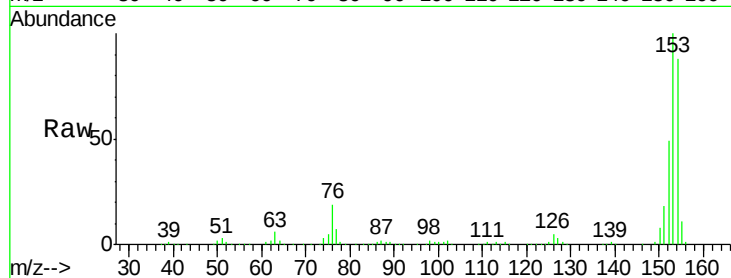




#51
Acenaphthene
Concen: 42.06 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

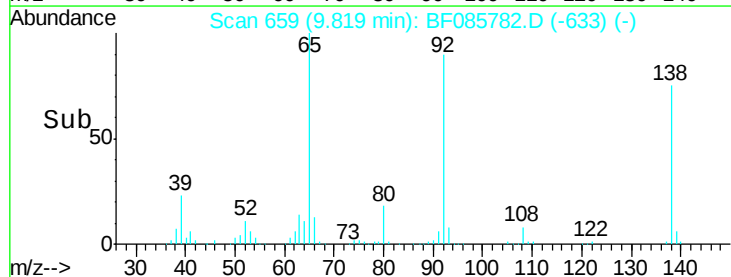
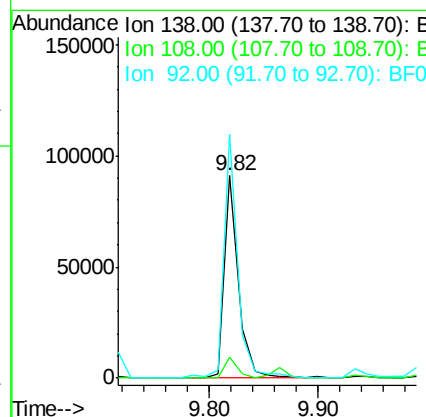
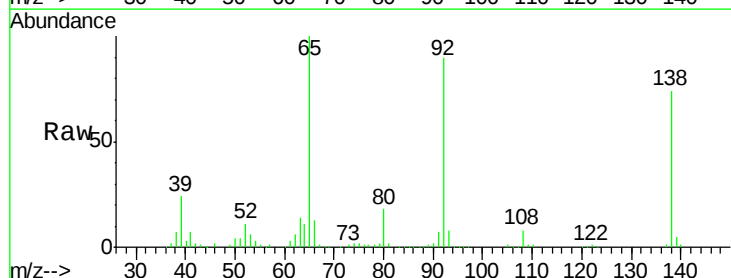
Instrument :
BNA_F
ClientSampleId :
13MS

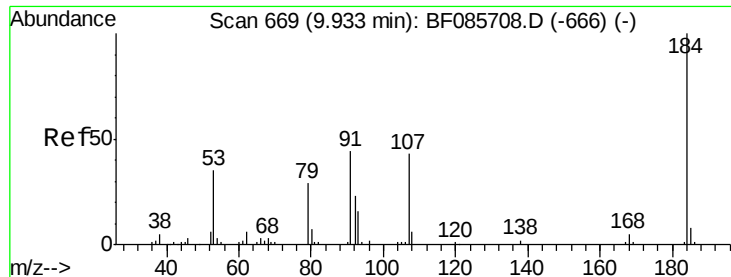
Tgt Ion:154 Resp: 444447
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 55.5 44.2 66.2



#52
3-Nitroaniline
Concen: 26.30 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:138 Resp: 84133
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 120.3 93.3 139.9

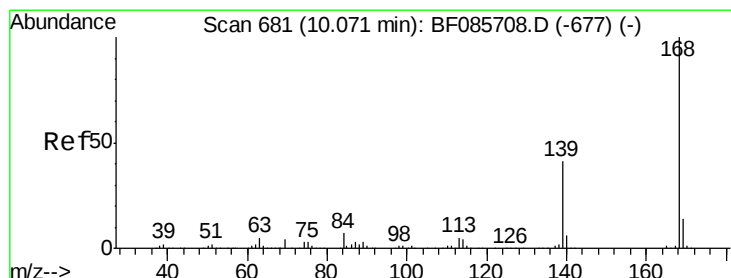
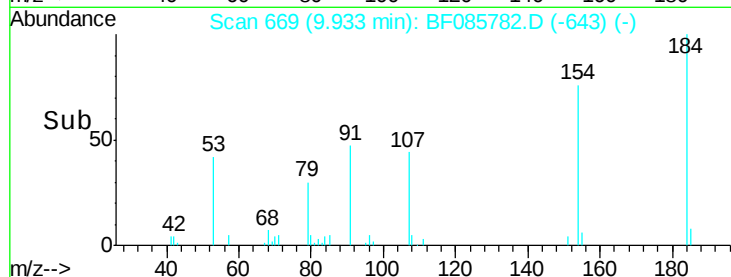
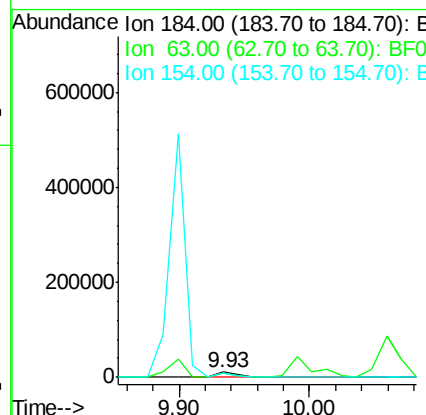
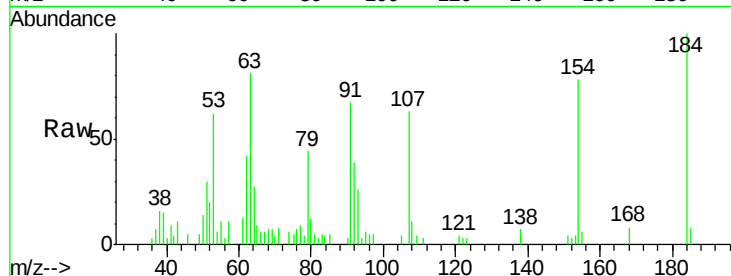




#53
2,4-Dinitrophenol
Concen: 16.79 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

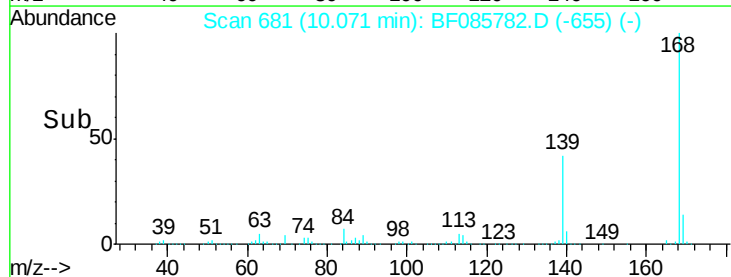
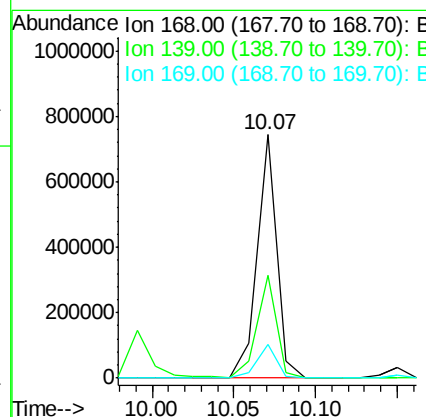
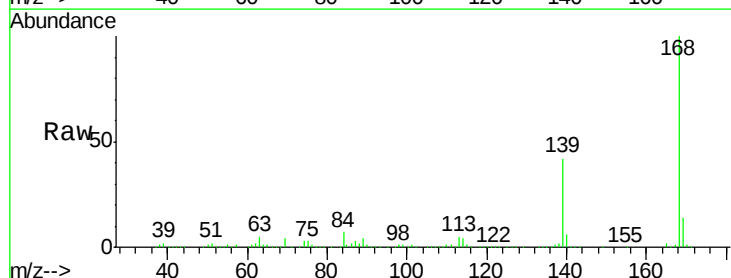
Instrument :
BNA_F
ClientSampleId :
13MS

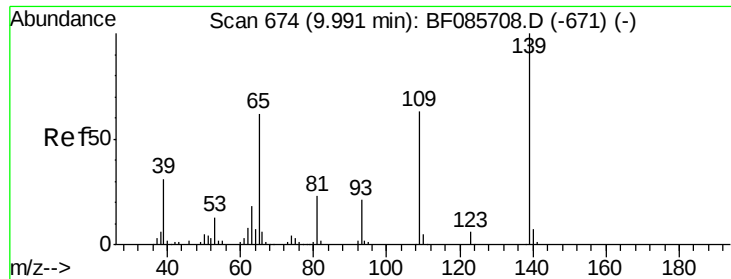
Tgt Ion:184 Resp: 16417
Ion Ratio Lower Upper
184 100
63 80.6 69.5 104.3
154 78.3 58.3 87.5



#54
Dibenzofuran
Concen: 45.54 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:168 Resp: 622863
Ion Ratio Lower Upper
168 100
139 42.3 31.9 47.9
169 13.8 11.0 16.6





#55

4-Nitrophenol

Concen: 67.60 ng

RT: 9.99 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

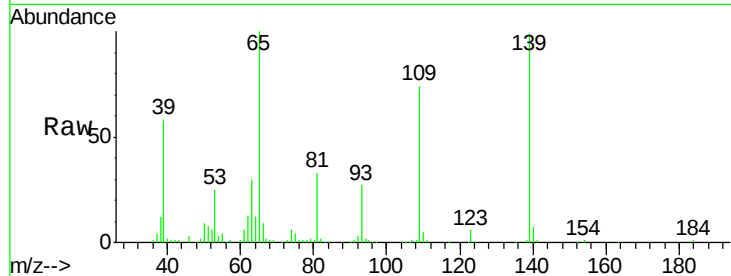
Tgt Ion:139 Resp: 140852

Ion Ratio Lower Upper

139 100

109 75.3 49.2 89.2

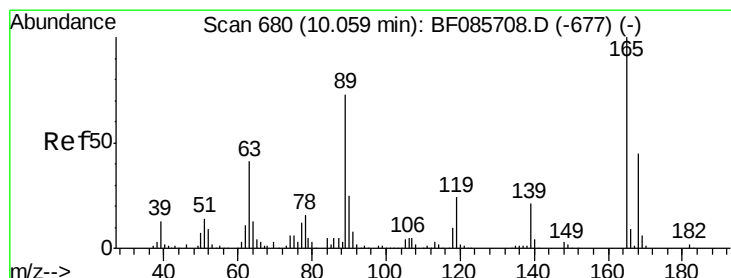
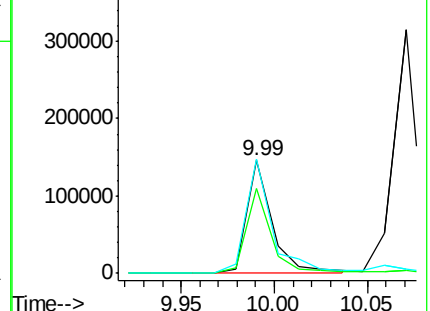
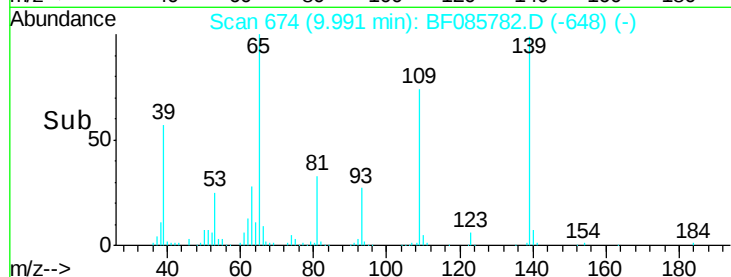
65 101.2 66.9 106.9



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: 42.25 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:165 Resp: 150042

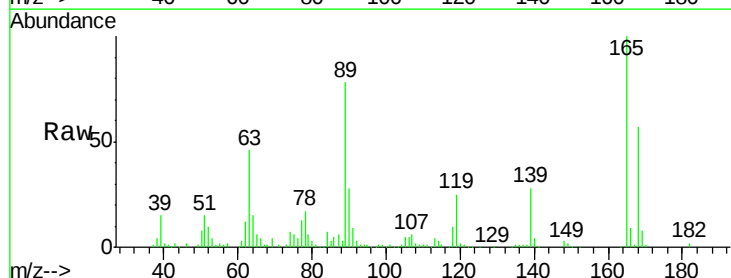
Ion Ratio Lower Upper

165 100

63 46.3 24.9 37.3#

89 77.8 41.0 61.6#

182 2.5 2.1 3.1

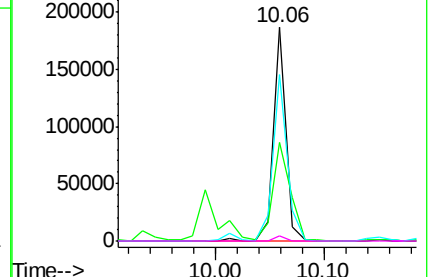
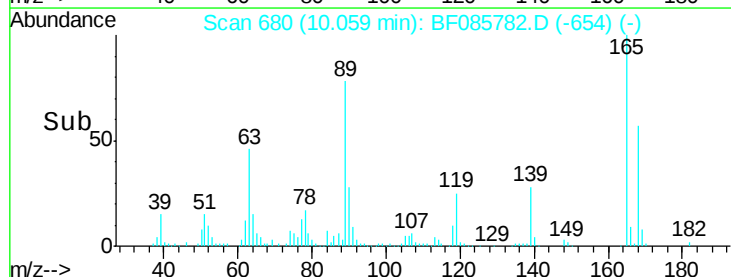


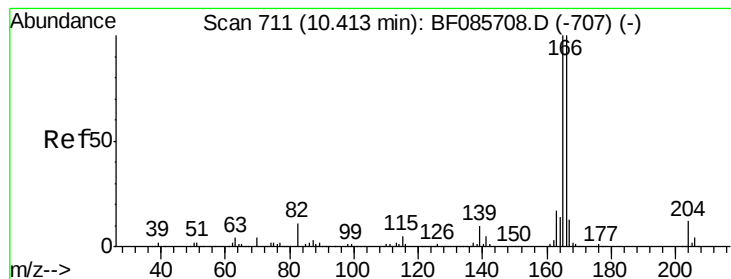
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.66 ng

RT: 10.41 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

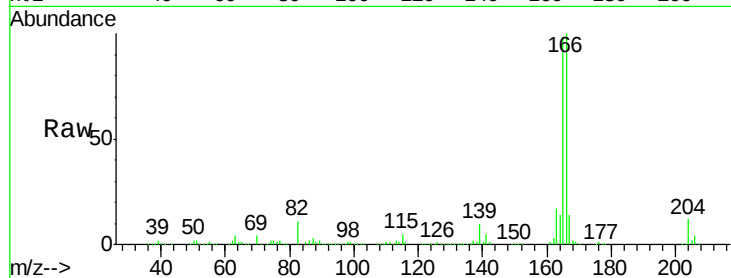
Tgt Ion:166 Resp: 484984

Ion Ratio Lower Upper

166 100

165 98.0 79.4 119.0

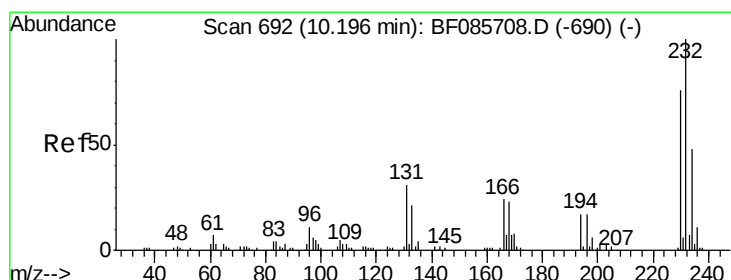
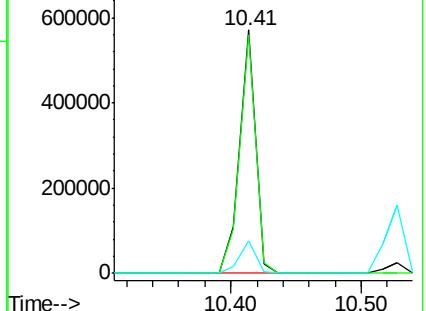
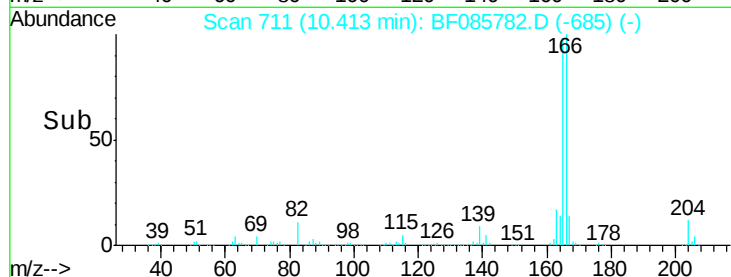
167 13.5 11.0 16.4



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: 42.62 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion:232 Resp: 106454

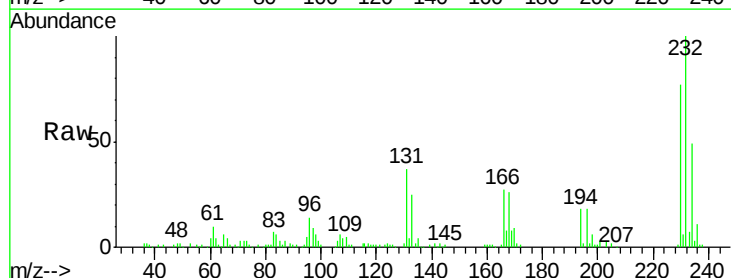
Ion Ratio Lower Upper

232 100

131 52.3 44.9 67.3

130 2.6 2.3 3.5

166 32.7 28.1 42.1

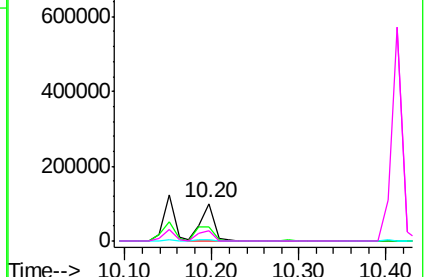
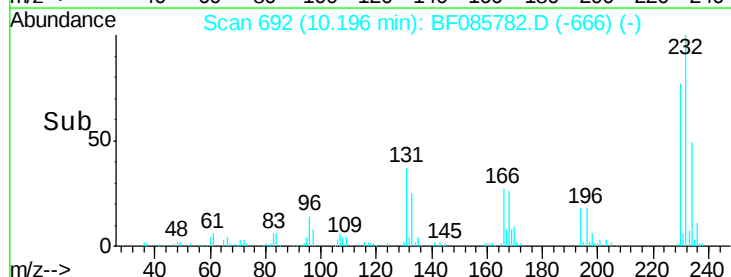


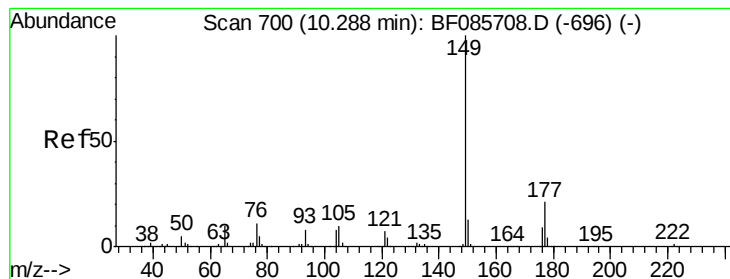
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.18 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

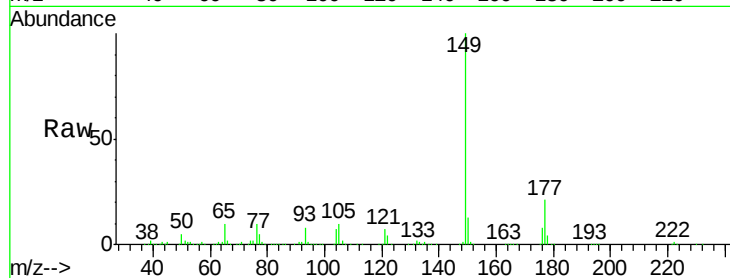
Tgt Ion:149 Resp: 553799

Ion Ratio Lower Upper

149 100

177 21.2 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

800000

600000

400000

200000

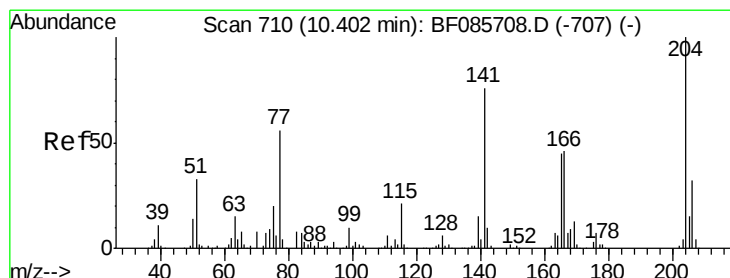
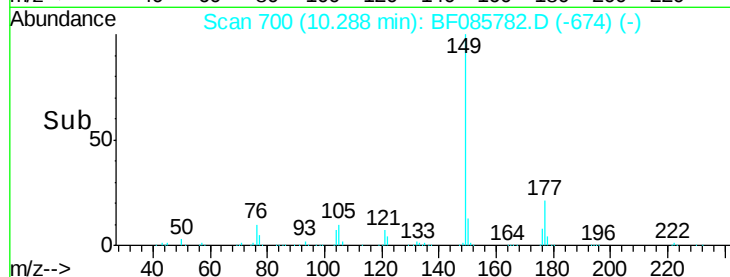
0

10.20

10.30

10.40

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 37.77 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

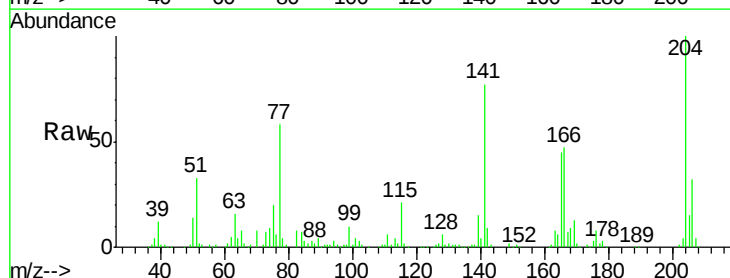
Tgt Ion:204 Resp: 209928

Ion Ratio Lower Upper

204 100

206 32.4 26.6 39.8

141 77.1 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

300000

250000

200000

150000

100000

50000

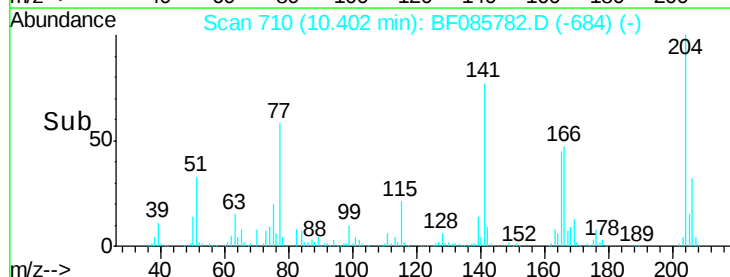
0

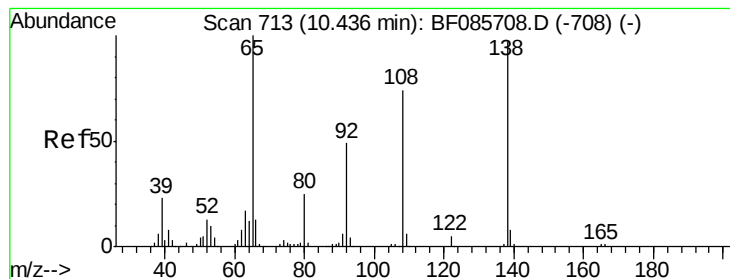
10.35

10.40

10.45

Time-->





#61

4-Nitroaniline

Concen: 39.42 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

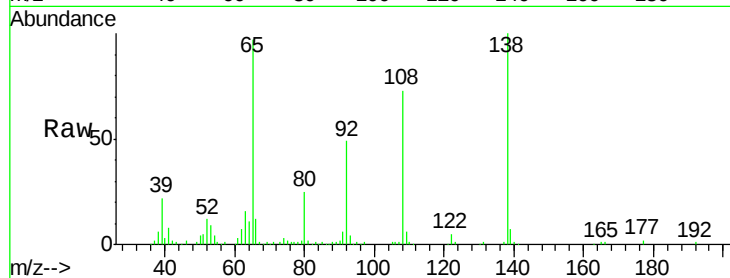
Tgt Ion:138 Resp: 120597

Ion Ratio Lower Upper

138 100

92 48.8 26.4 66.4

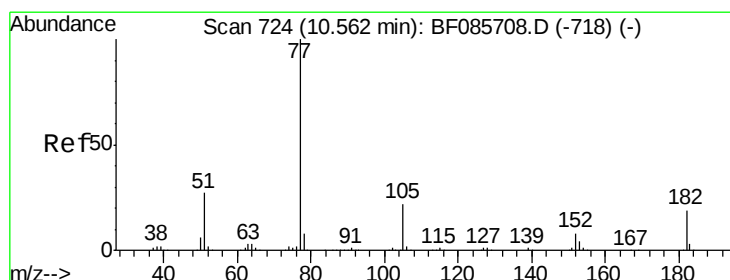
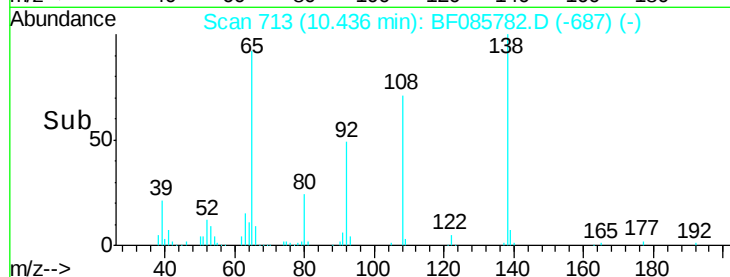
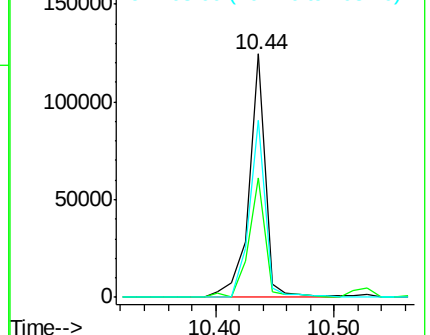
108 72.5 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.47 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Tgt Ion: 77 Resp: 548121

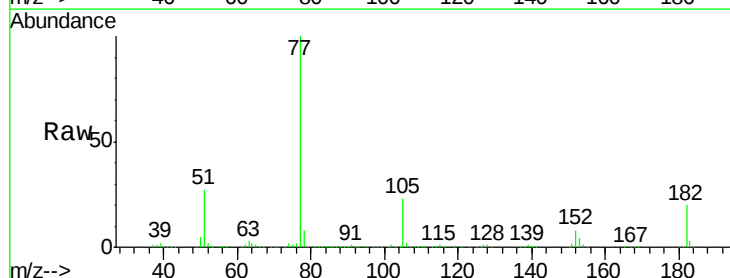
Ion Ratio Lower Upper

77 100

182 19.8 1.9 41.9

105 22.8 3.5 43.5

51 27.1 6.3 46.3

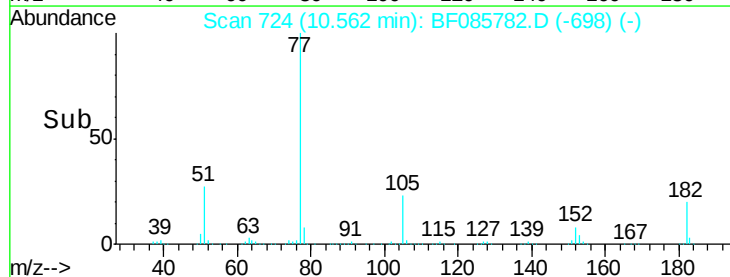
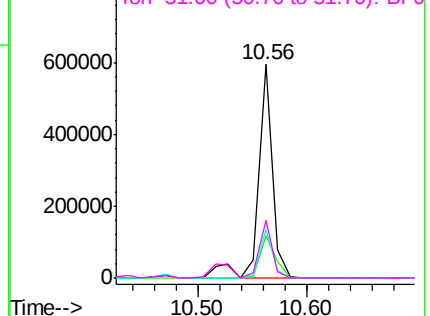


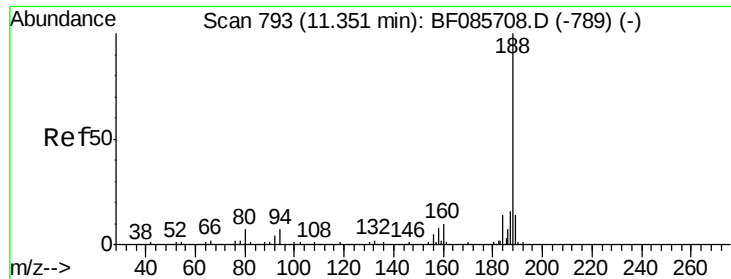
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

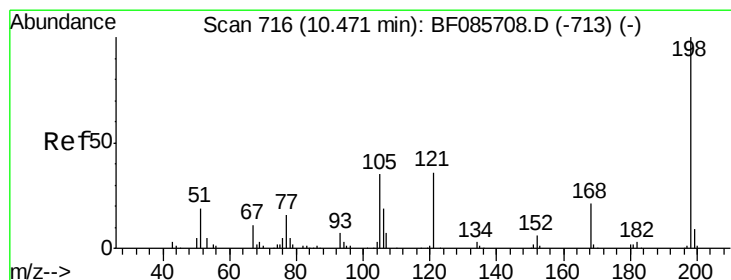
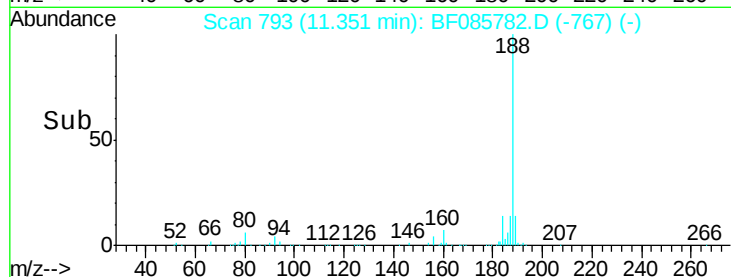
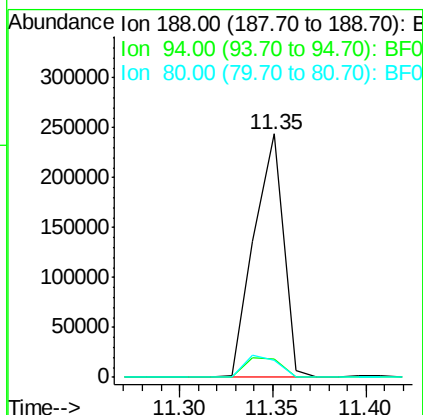
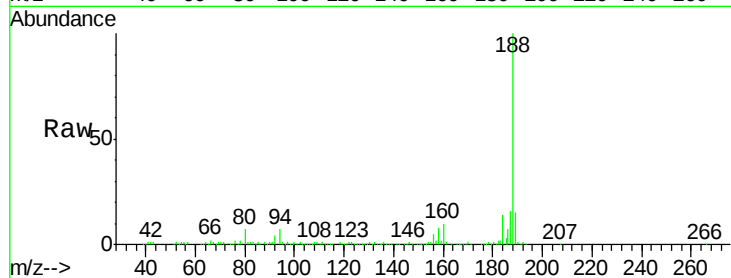




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

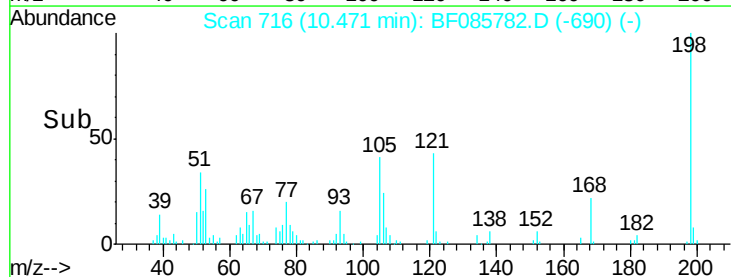
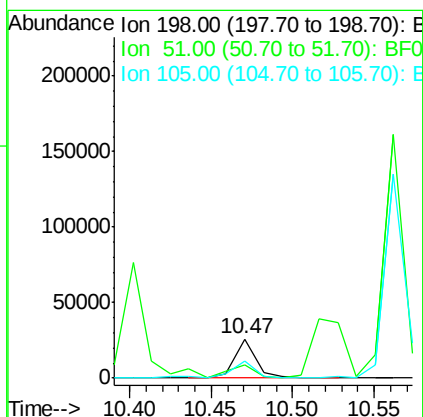
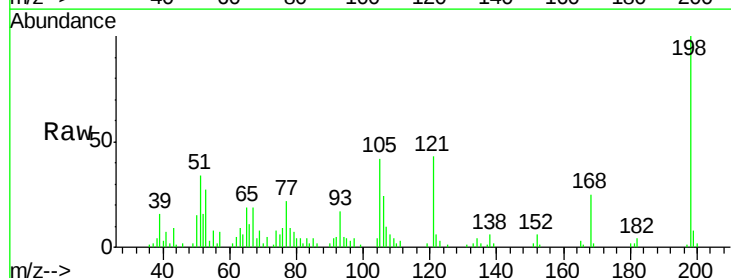
Instrument :
 BNA_F
 ClientSampleId :
 13MS

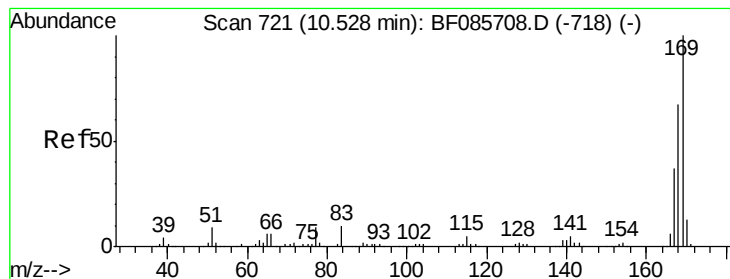
Tgt Ion:188 Resp: 266322
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.4 8.0
 80 7.1 5.5 8.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.34 ng
 RT: 10.47 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:198 Resp: 22368
 Ion Ratio Lower Upper
 198 100
 51 34.4 45.4 85.4#
 105 42.5 45.9 85.9#

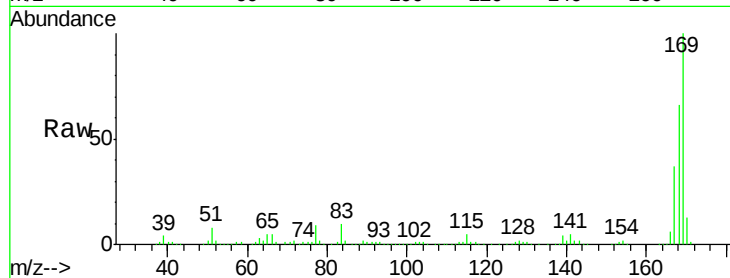




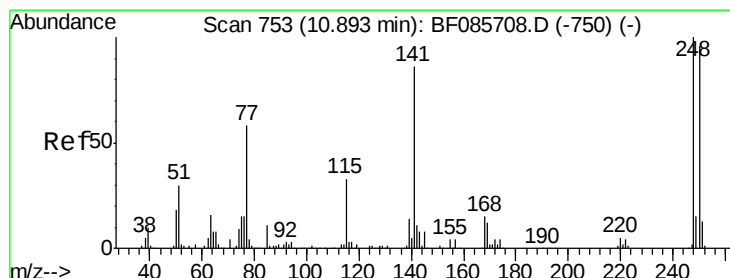
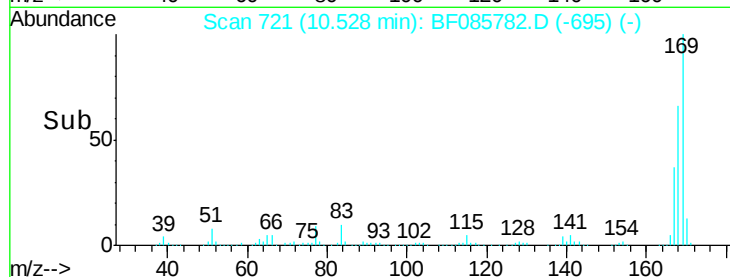
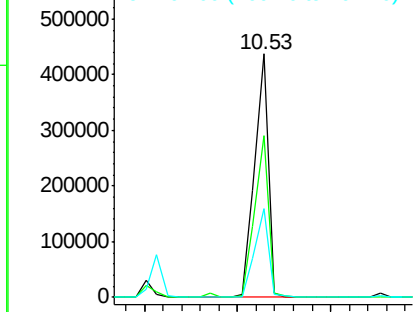
#65
 n-Nitrosodiphenylamine
 Concen: 52.33 ng
 RT: 10.53 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion:169 Resp: 441418
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.4 81.6
 167 36.7 29.4 44.0

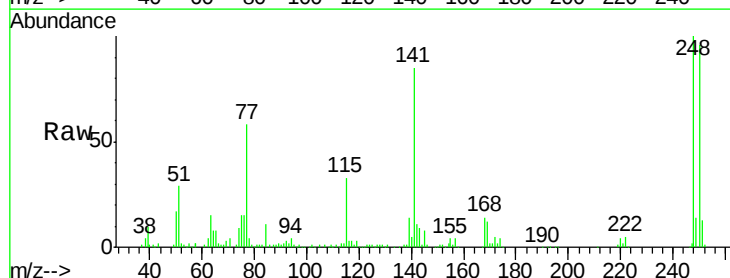


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

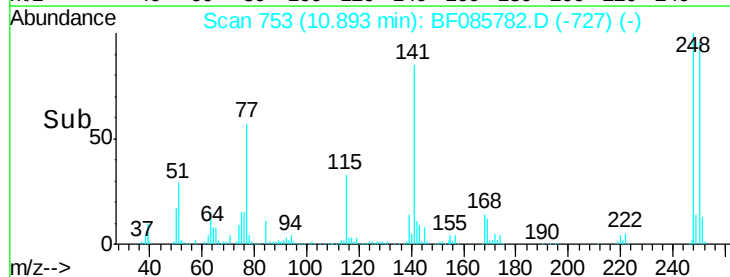
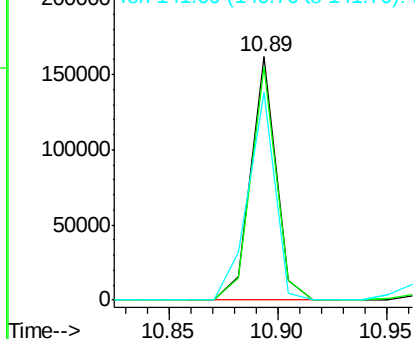


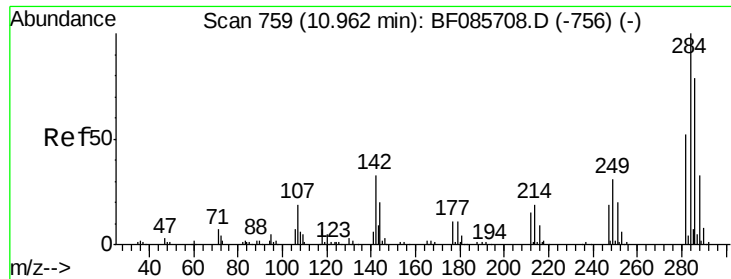
#66
 4-Bromophenyl-phenylether
 Concen: 48.09 ng
 RT: 10.89 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:248 Resp: 131028
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.4 116.0
 141 85.3 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

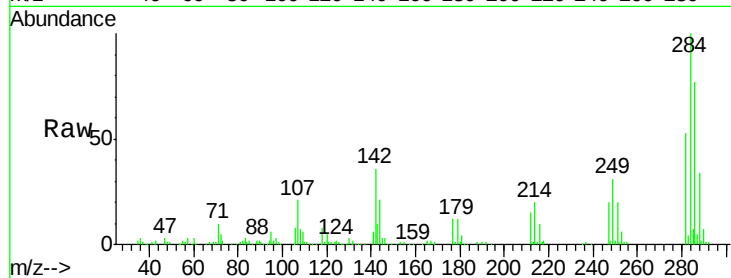




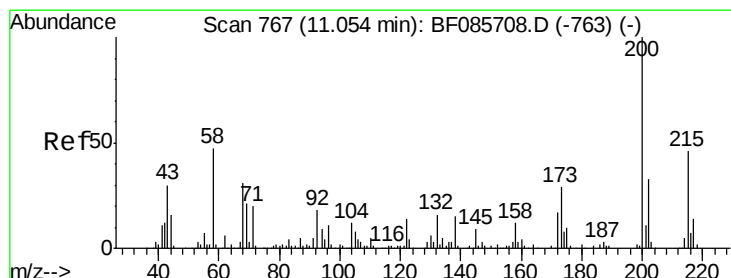
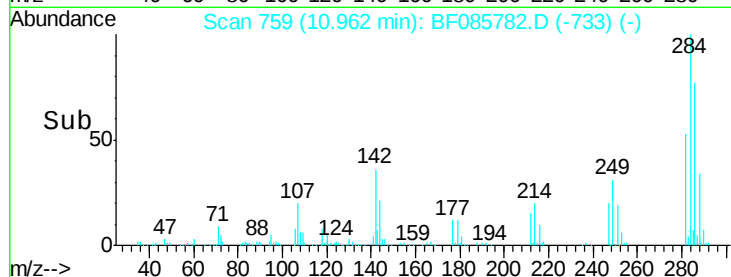
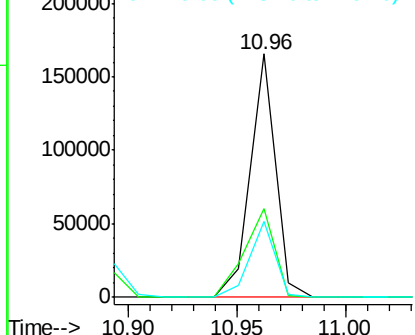
#67
Hexachlorobenzene
Concen: 46.80 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Instrument :
BNA_F
ClientSampleId :
13MS

Tgt Ion:284 Resp: 133357
Ion Ratio Lower Upper
284 100
142 36.2 23.1 34.7#
249 31.4 24.2 36.2

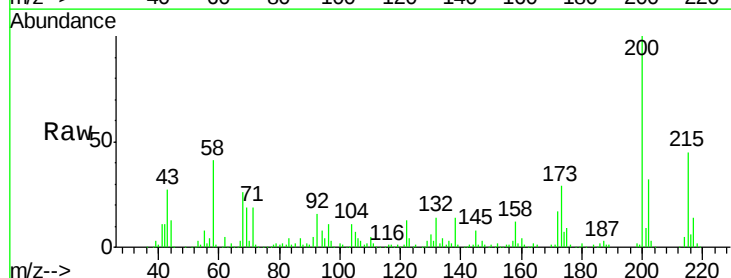


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

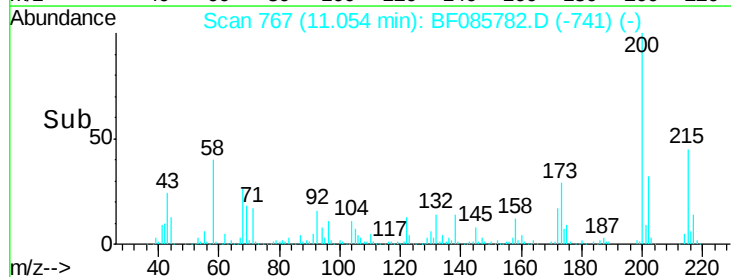
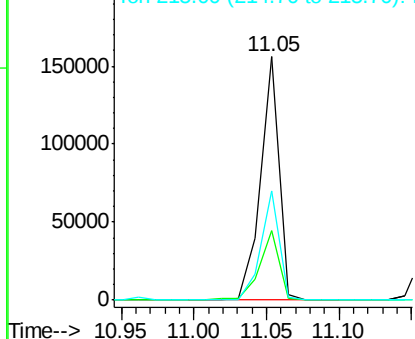


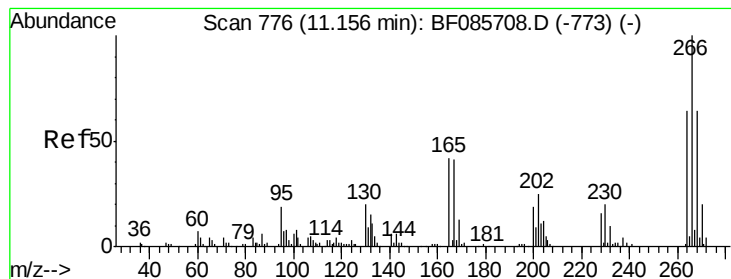
#68
Atrazine
Concen: 48.33 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085782.D
Acq: 26 Mar 2016 1:04

Tgt Ion:200 Resp: 137651
Ion Ratio Lower Upper
200 100
173 28.6 7.7 47.7
215 44.9 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

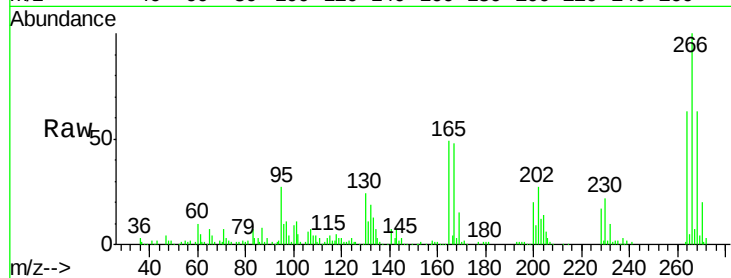




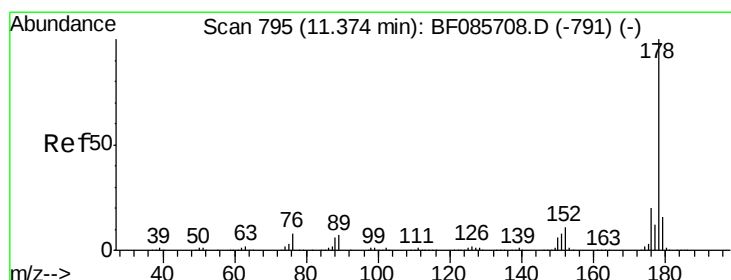
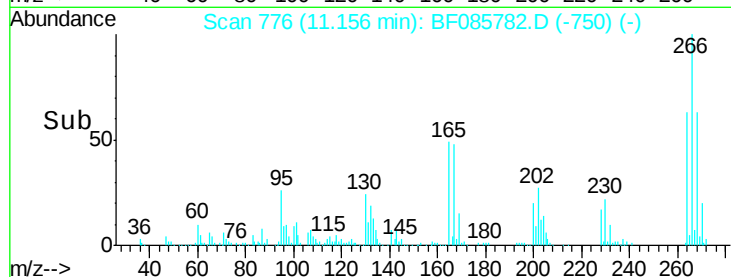
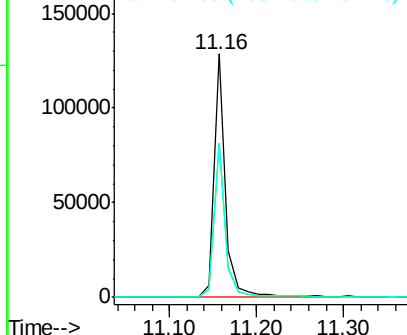
#69
 Pentachlorophenol
 Concen: 86.38 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion:266 Resp: 120833
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 63.2 50.6 76.0

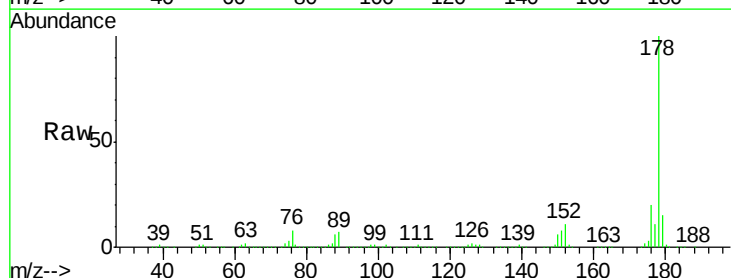


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

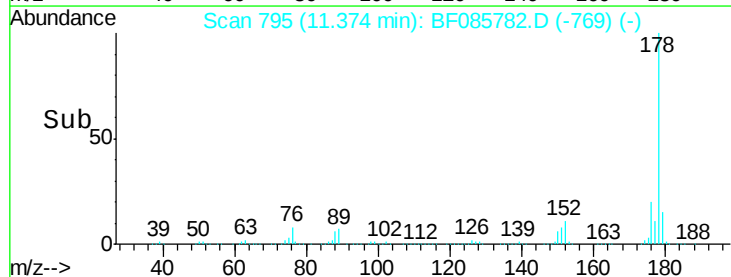
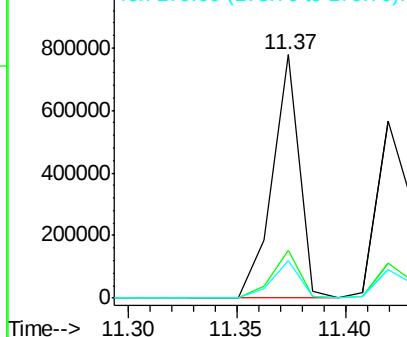


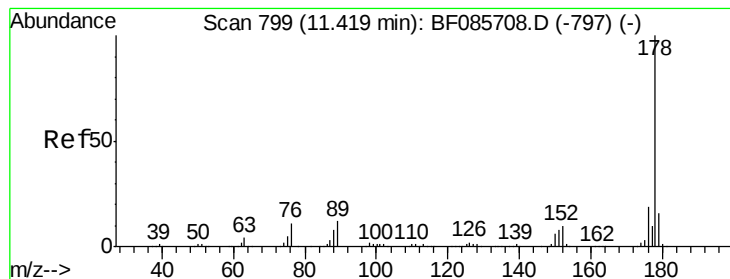
#70
 Phenanthrene
 Concen: 49.65 ng
 RT: 11.37 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:178 Resp: 678882
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.4 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: 42.86 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

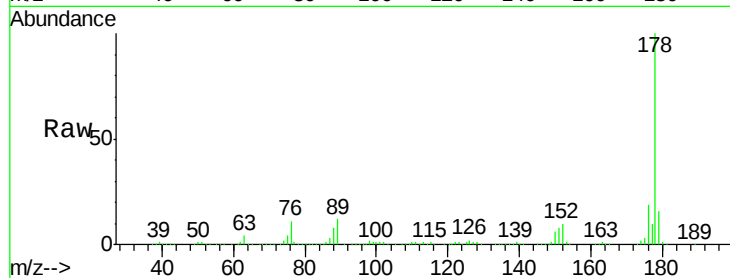
Tgt Ion:178 Resp: 615353

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

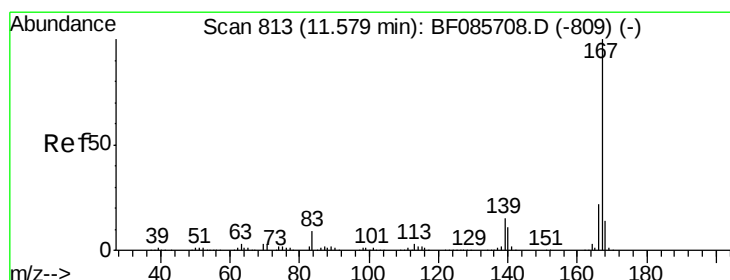
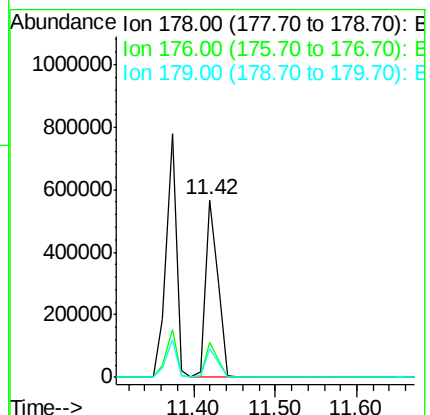
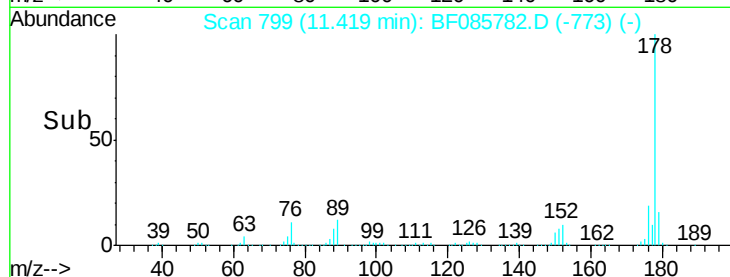
179 16.0 13.0 19.4



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: 47.77 ng

RT: 11.58 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

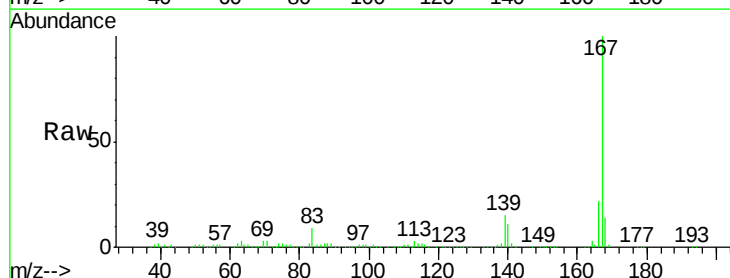
Tgt Ion:167 Resp: 575742

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

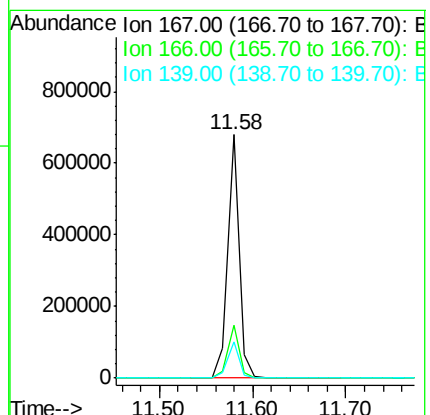
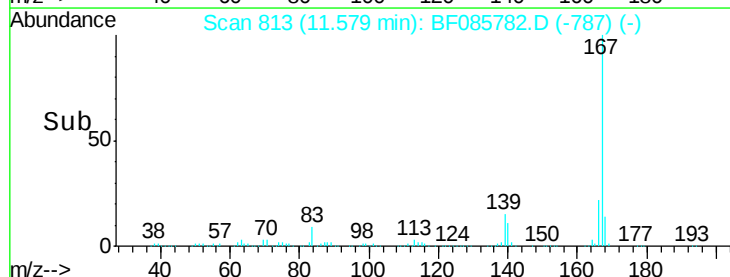
139 14.8 11.6 17.4

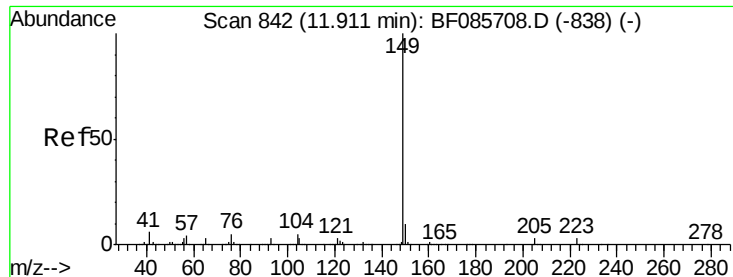


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.66 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

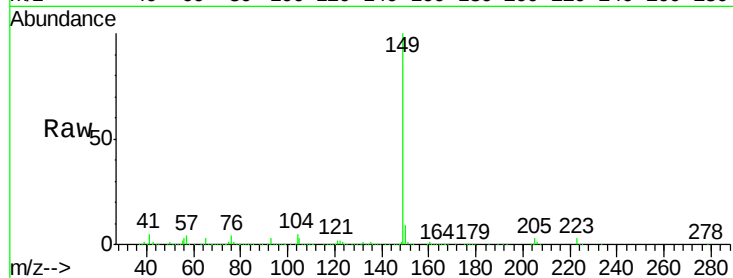
Tgt Ion:149 Resp: 788291

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

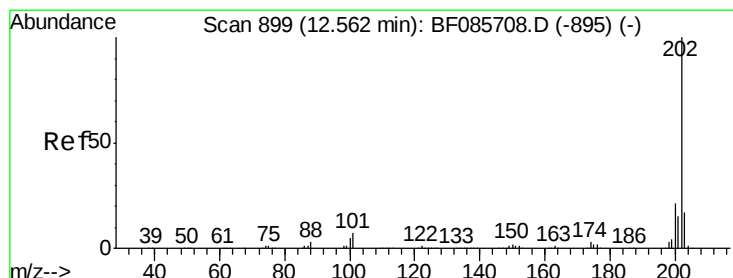
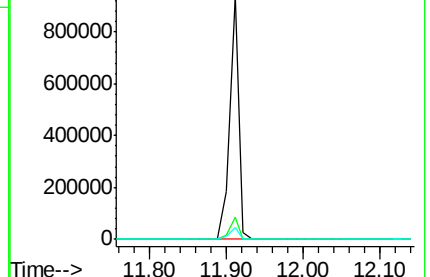
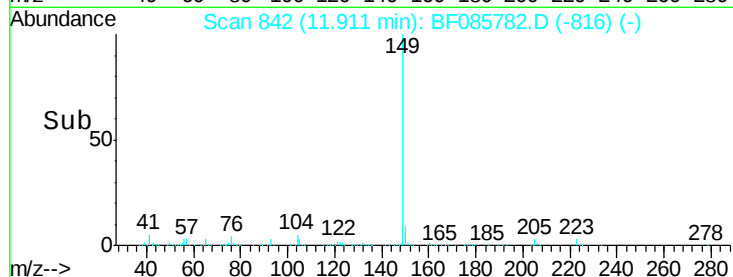
104 4.7 3.8 5.8



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: 43.11 ng

RT: 12.56 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

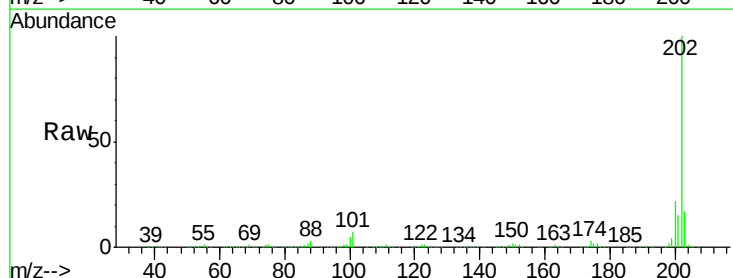
Tgt Ion:202 Resp: 626661

Ion Ratio Lower Upper

202 100

101 7.4 0.0 36.6

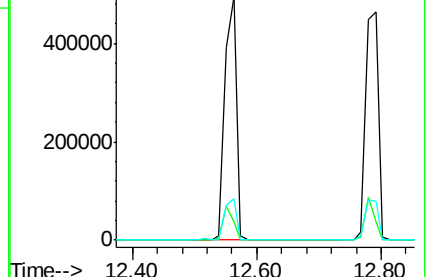
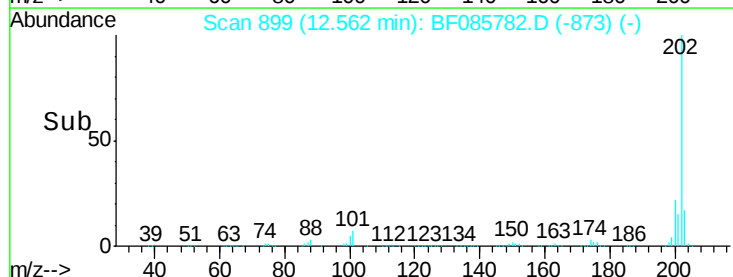
203 17.1 0.0 38.1



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: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

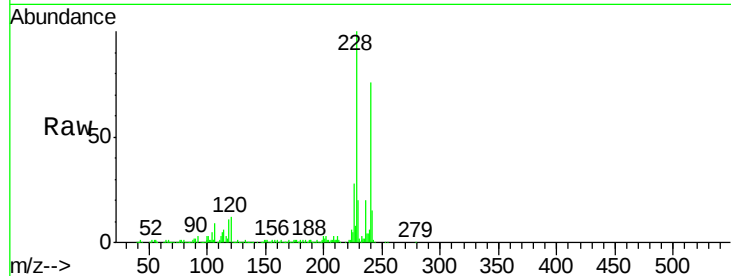
Tgt Ion:240 Resp: 216068

Ion Ratio Lower Upper

240 100

120 16.2 13.8 20.8

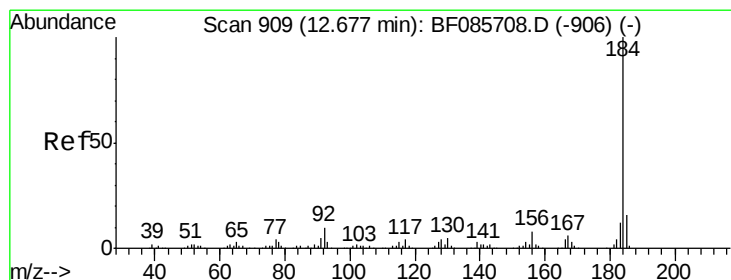
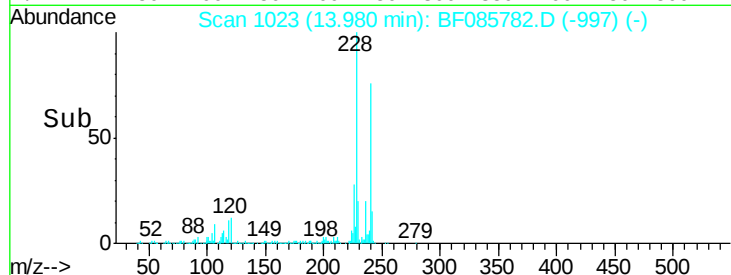
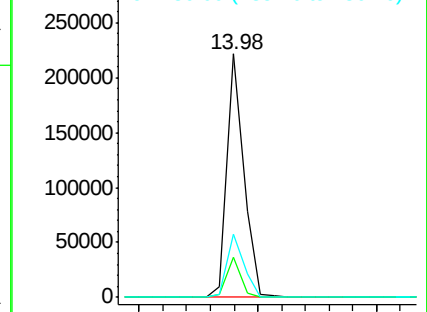
236 26.0 20.6 30.8



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



#76

Benzidine

Concen: 15.46 ng

RT: 12.68 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

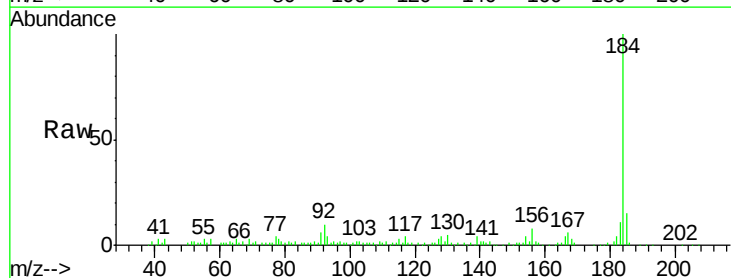
Tgt Ion:184 Resp: 117672

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

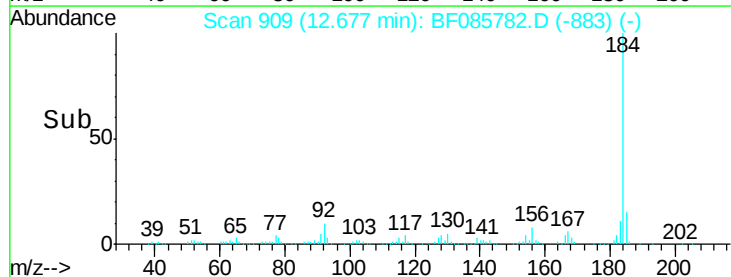
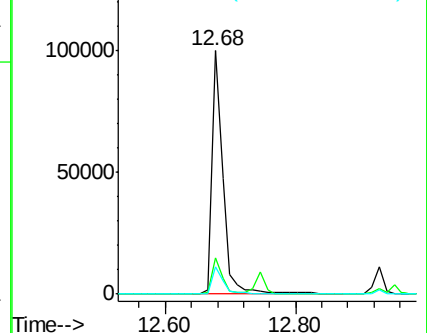
183 11.5 9.4 14.2

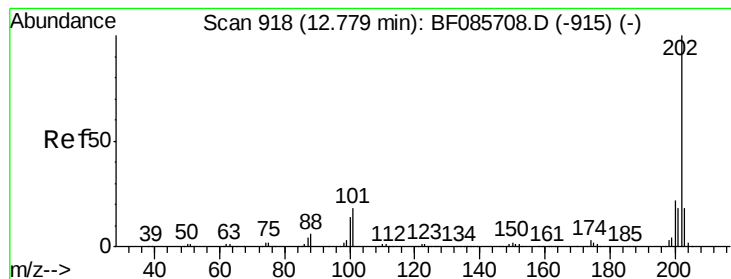


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.40 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

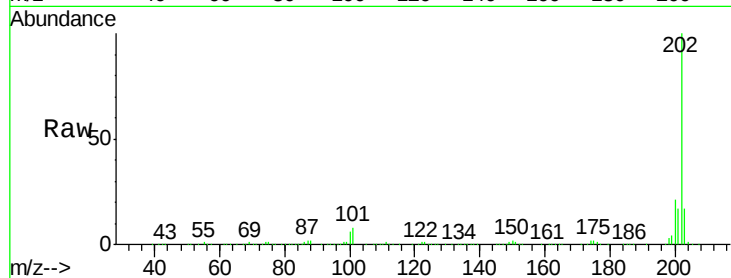
Tgt Ion:202 Resp: 646488

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

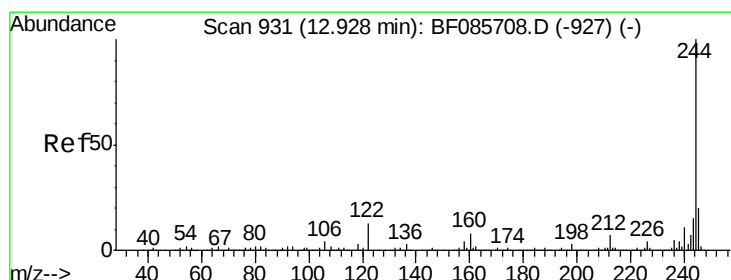
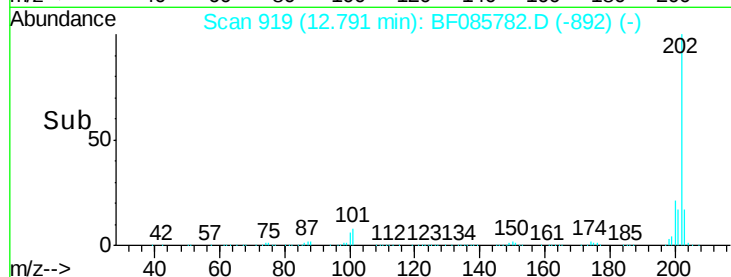
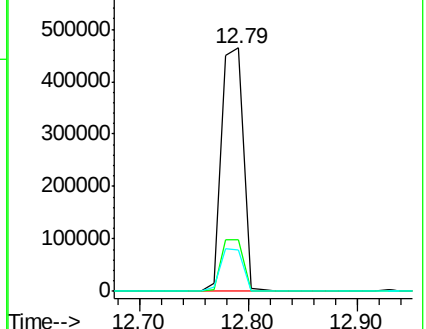
203 16.9 14.0 21.0



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: 63.87 ng

RT: 12.93 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

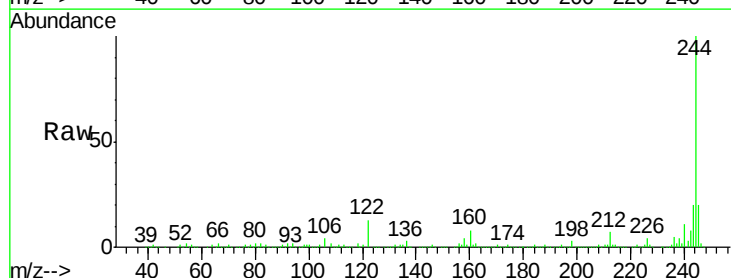
Tgt Ion:244 Resp: 671025

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

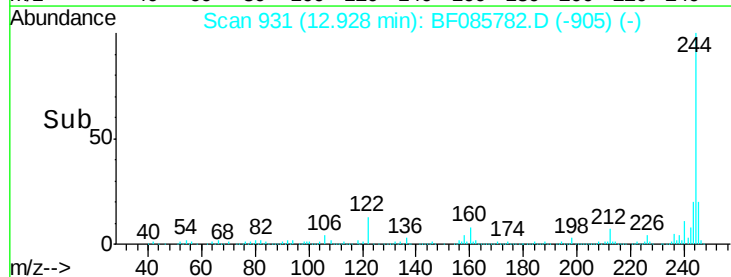
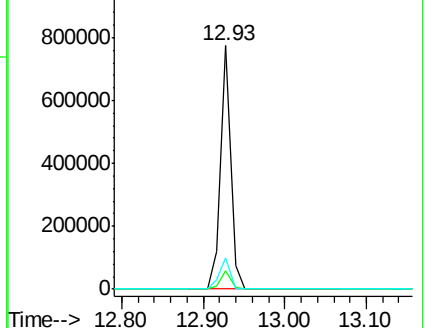
122 12.7 10.2 15.4

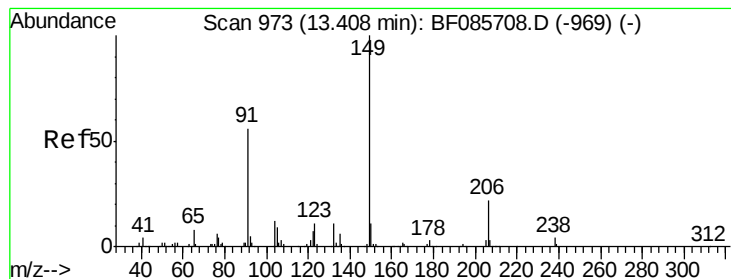


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.25 ng

RT: 13.41 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

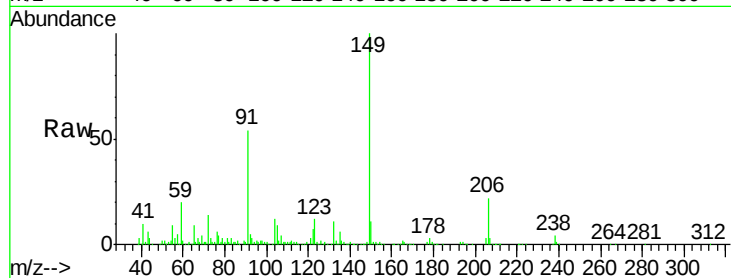
Tgt Ion:149 Resp: 314279

Ion Ratio Lower Upper

149 100

91 54.4 45.8 68.8

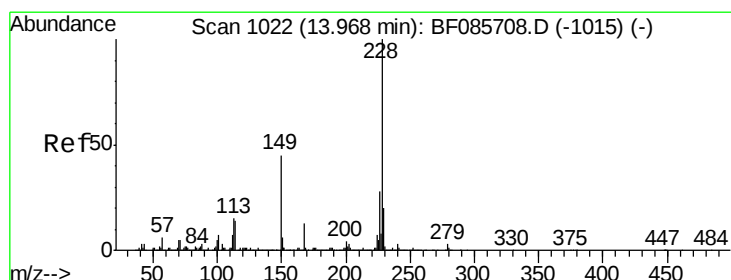
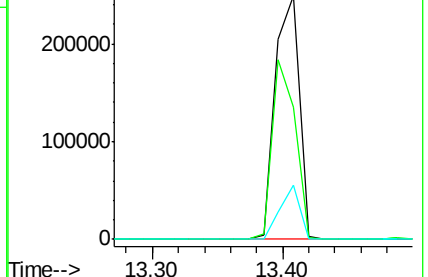
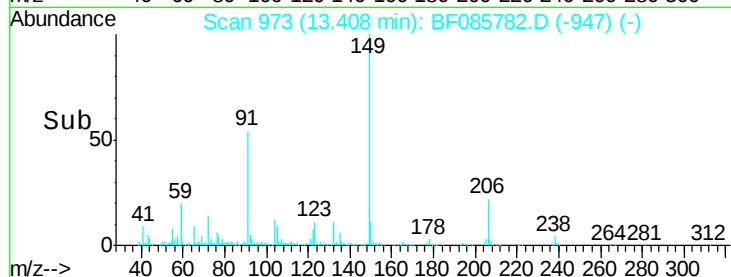
206 22.4 17.8 26.8



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: 44.21 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

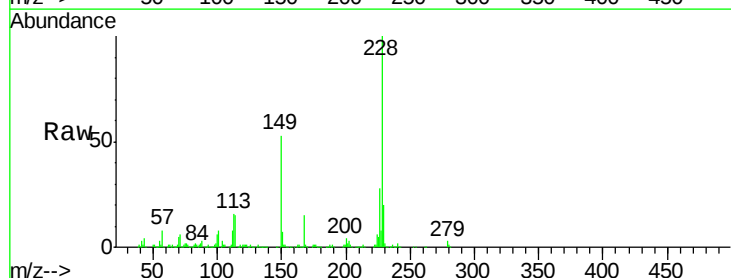
Tgt Ion:228 Resp: 544701

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

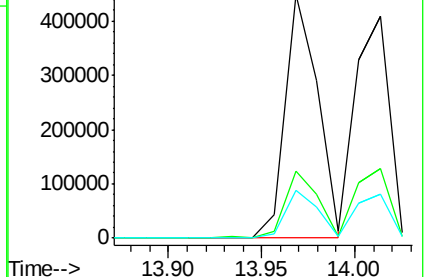
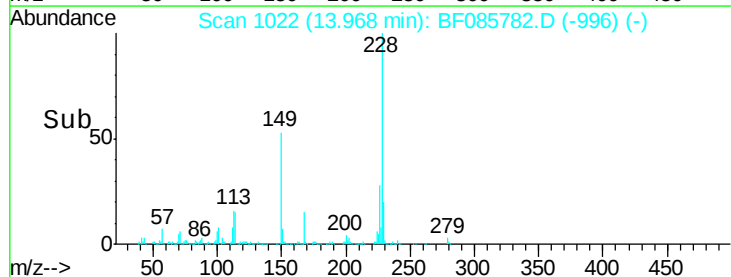
229 19.6 16.2 24.4

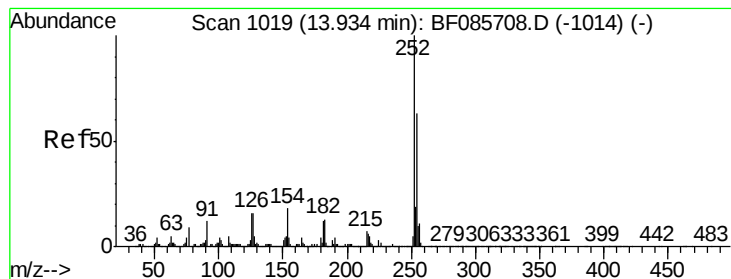


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

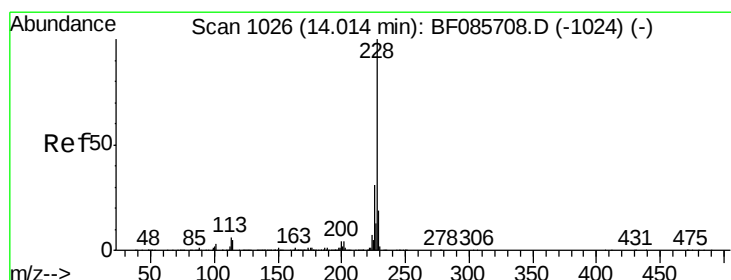
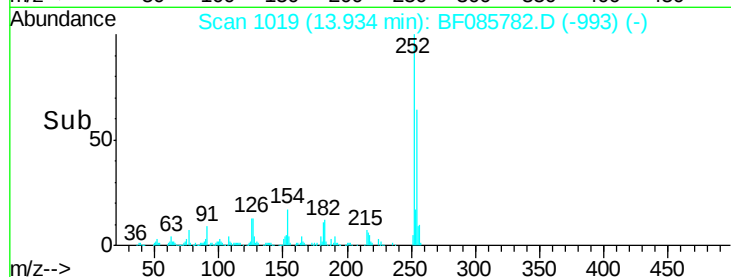
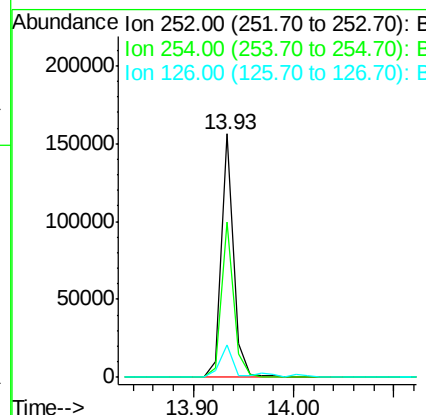
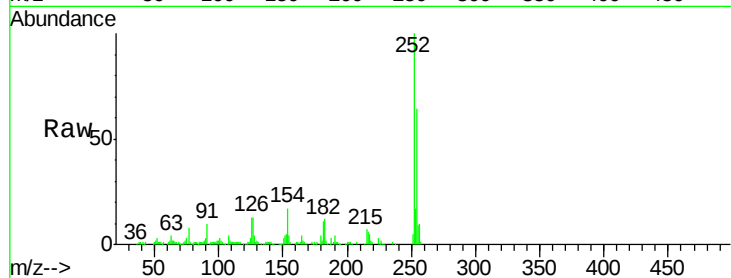




#81
 3,3'-Dichlorobenzidine
 Concen: 15.55 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

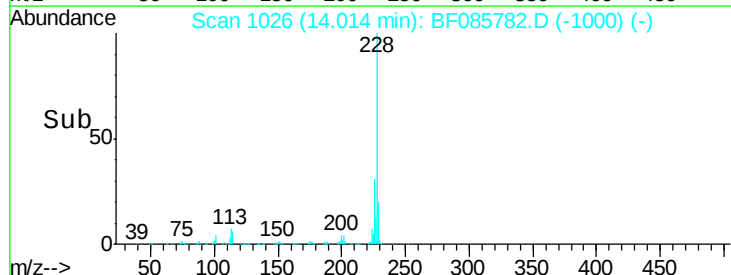
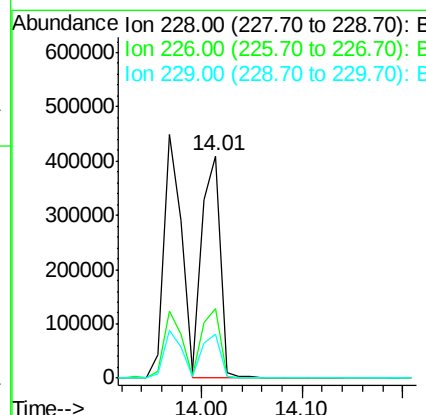
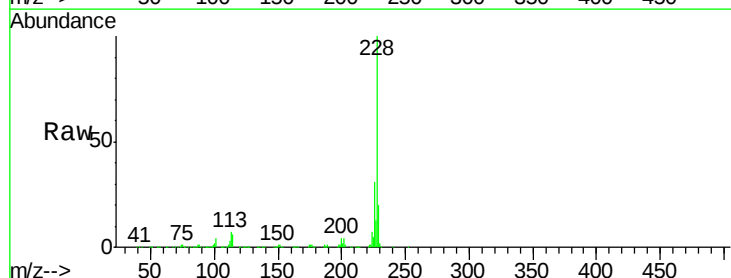
Instrument :
 BNA_F
 ClientSampleId :
 13MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	13.4	11.8	17.6



#82
 Chrysene
 Concen: 41.87 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.6	15.7	23.5

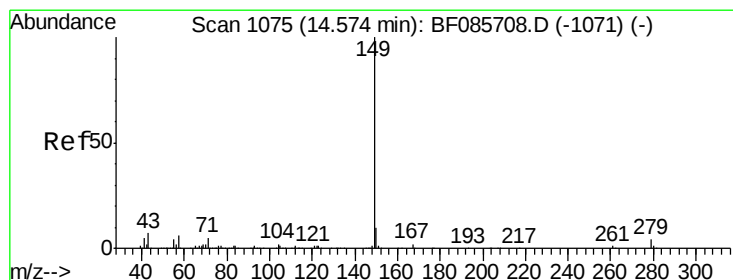
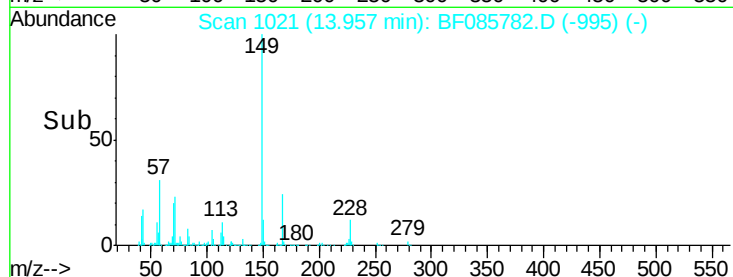
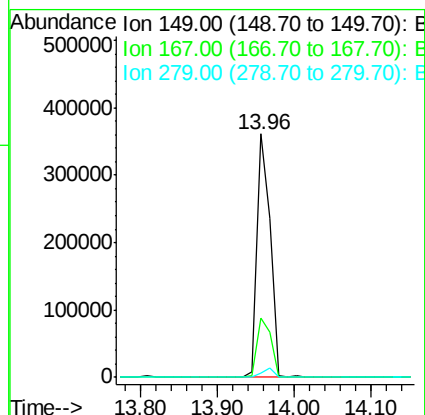
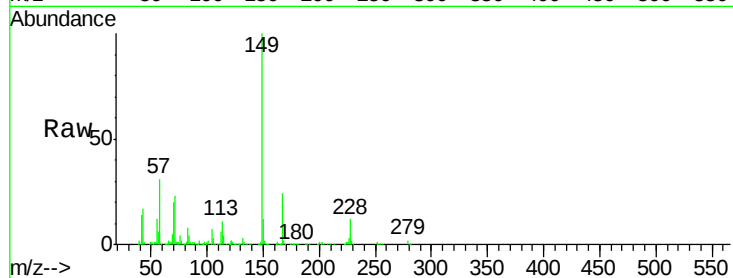




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.65 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

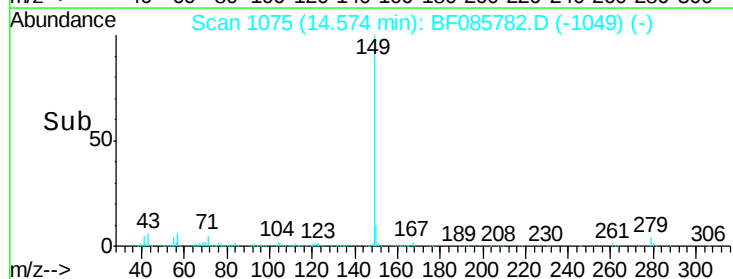
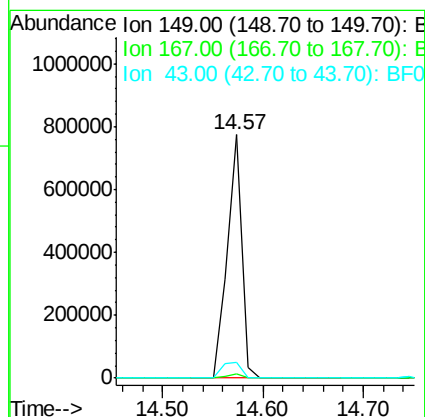
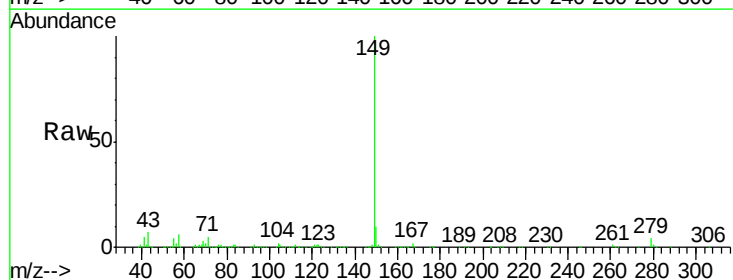
Instrument :
 BNA_F
 ClientSampleId :
 13MS

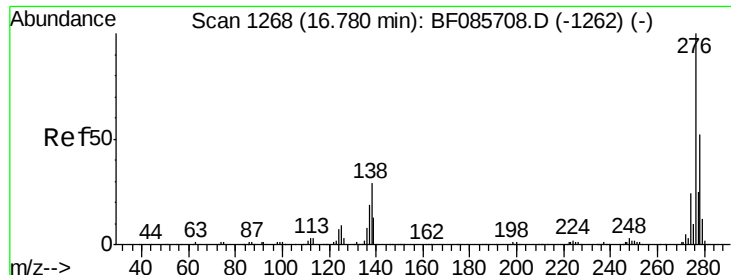
Tgt Ion:149 Resp: 424327
 Ion Ratio Lower Upper
 149 100
 167 24.2 19.4 29.2
 279 1.8 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 58.70 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion:149 Resp: 777396
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 7.1 10.7

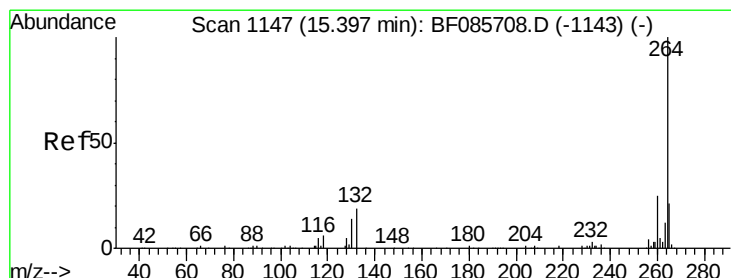
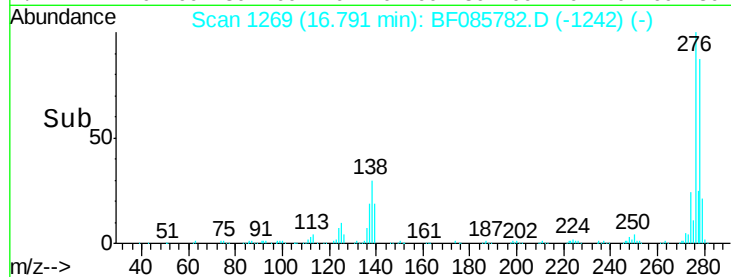
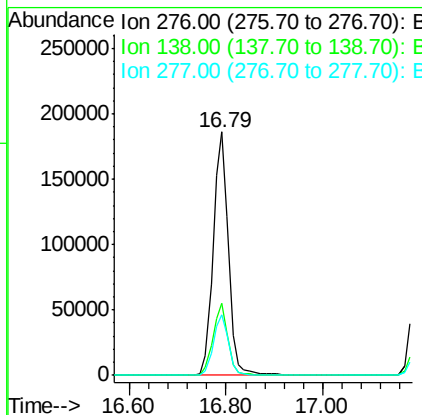
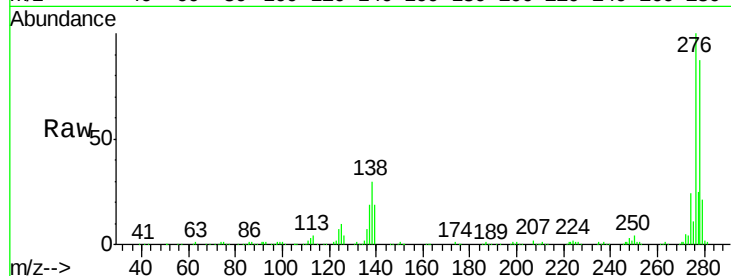




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.39 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

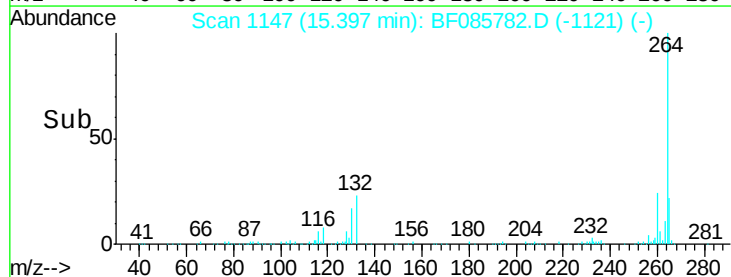
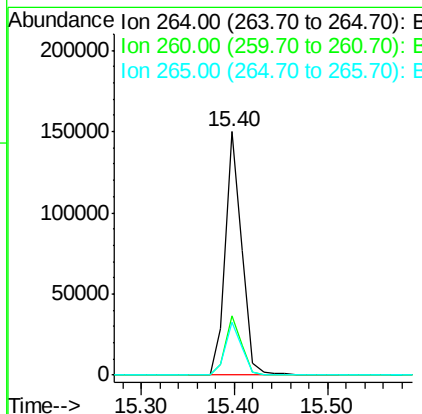
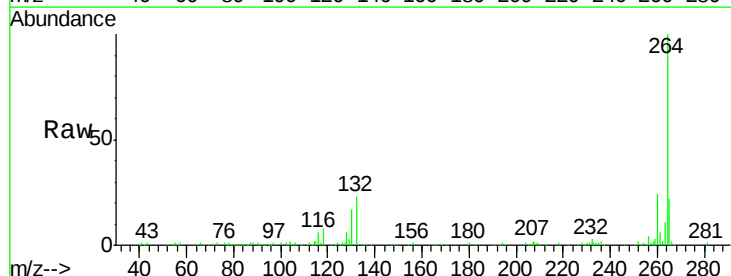
Instrument :
 BNA_F
 ClientSampleId :
 13MS

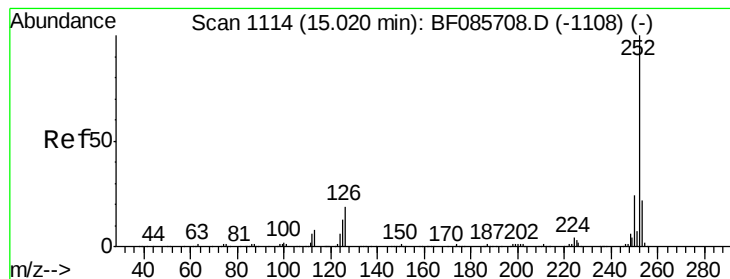
Tgt Ion: 276 Resp: 415787
 Ion Ratio Lower Upper
 276 100
 138 29.2 24.2 36.4
 277 25.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085782.D
 Acq: 26 Mar 2016 1:04

Tgt Ion: 264 Resp: 183712
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 88.05 ng

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

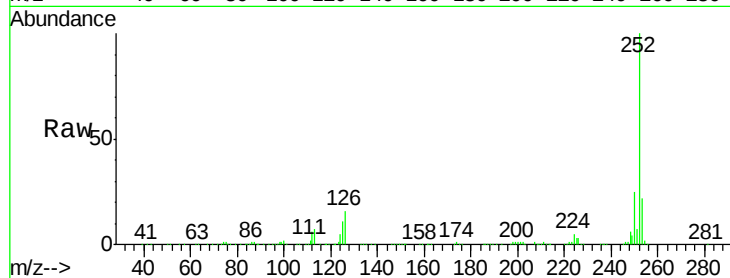
Tgt Ion:252 Resp: 1019036

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

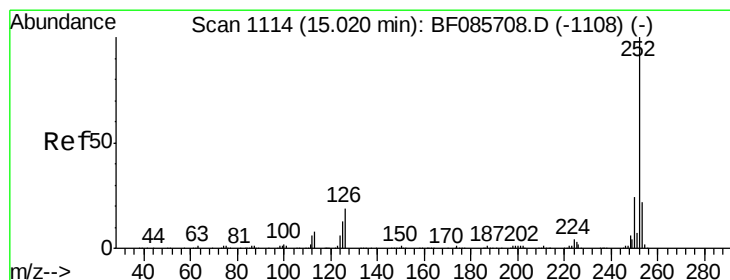
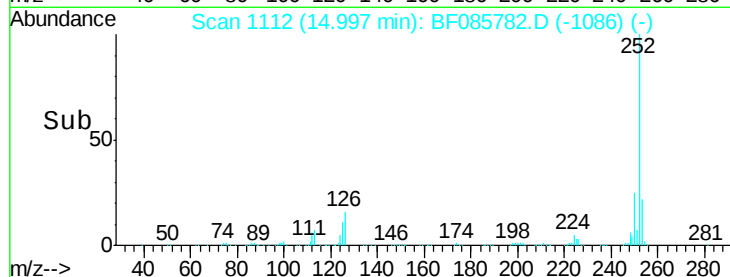
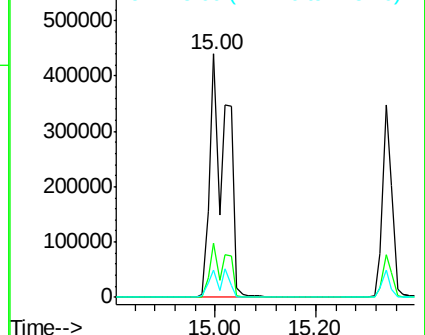
125 11.3 10.3 15.5



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



#88

Benzo(k)fluoranthene

Concen: 97.69 ng

RT: 15.00 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

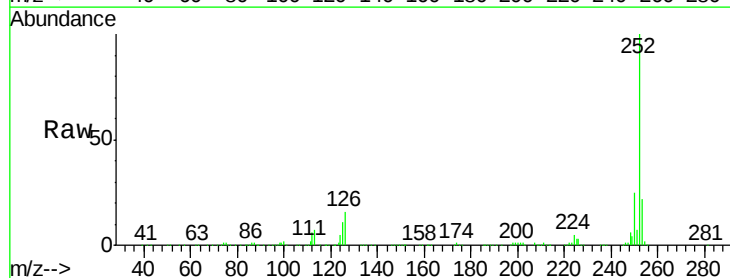
Tgt Ion:252 Resp: 1019211

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

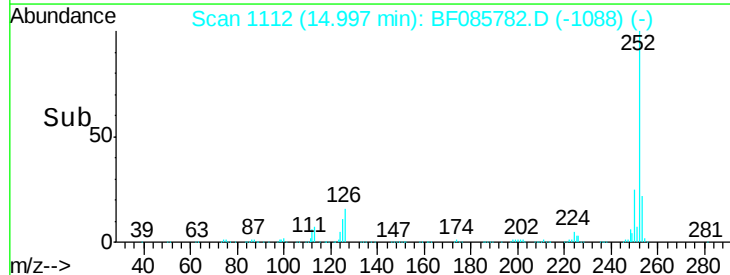
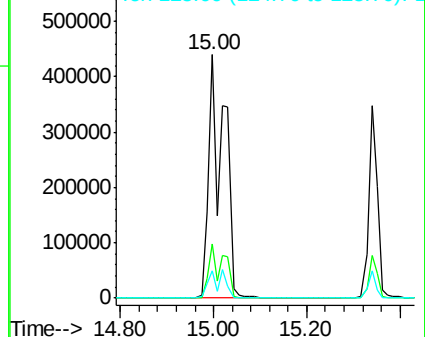
125 11.3 7.7 11.5

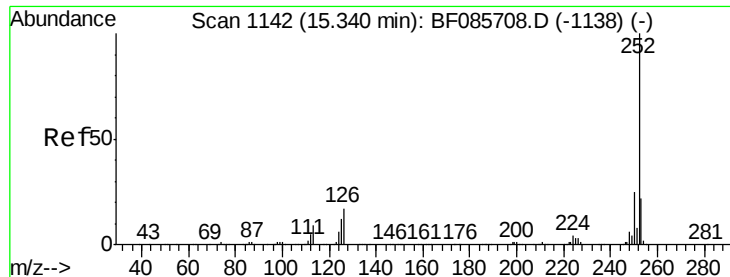


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.64 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

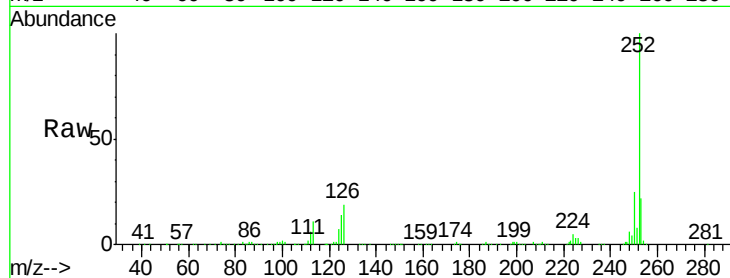
Tgt Ion:252 Resp: 458683

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

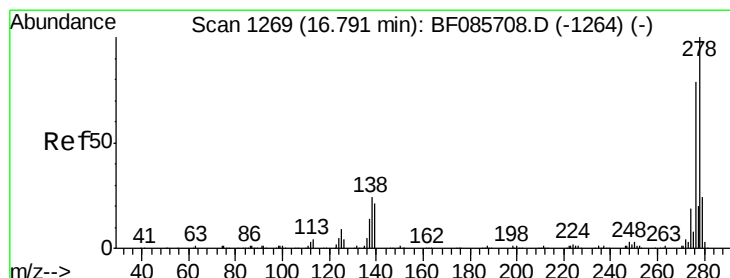
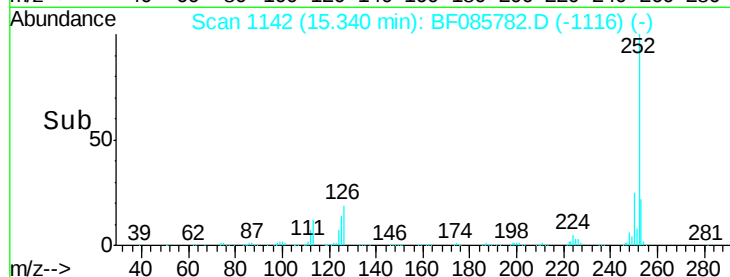
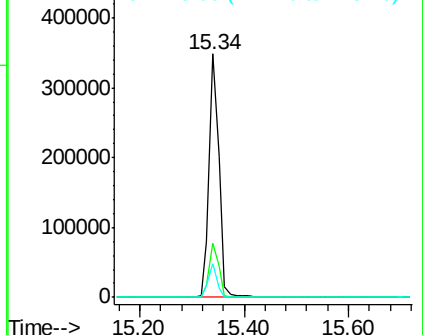
125 13.9 10.3 15.5



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: 37.75 ng

RT: 16.80 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

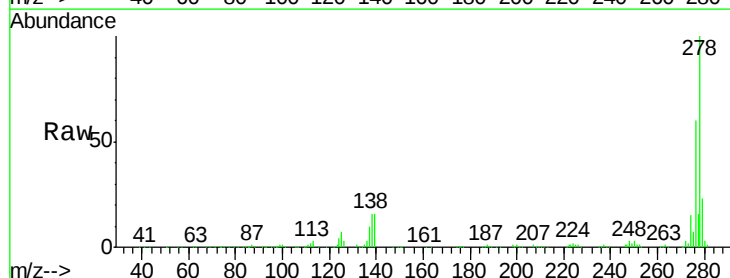
Tgt Ion:278 Resp: 360384

Ion Ratio Lower Upper

278 100

139 16.0 14.4 21.6

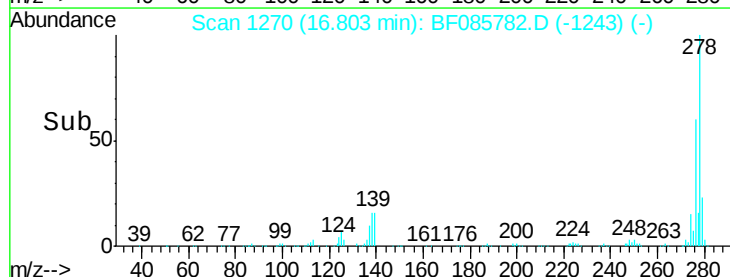
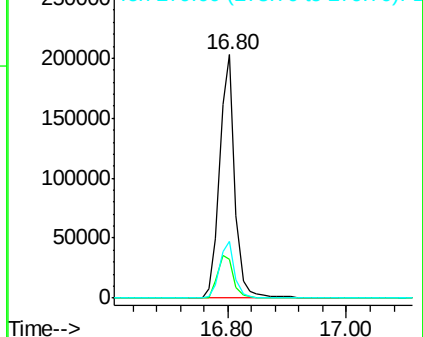
279 23.2 19.1 28.7

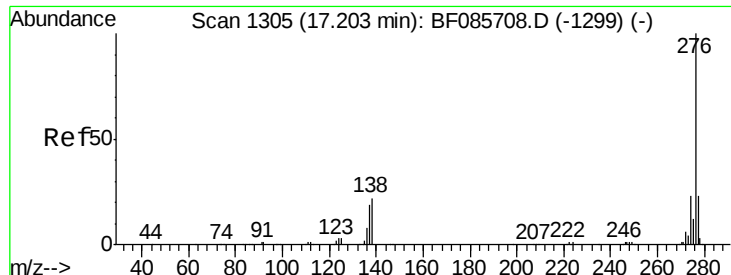


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.61 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF085782.D

Acq: 26 Mar 2016 1:04

Instrument :

BNA_F

ClientSampleId :

13MS

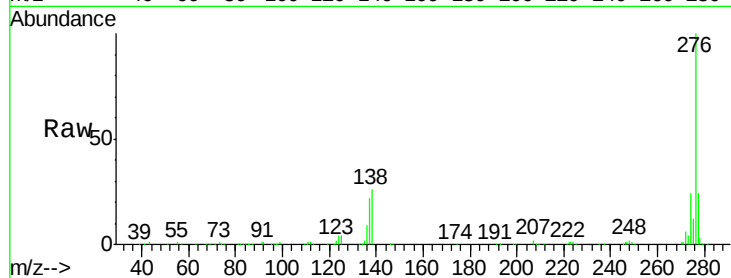
Tgt Ion: 276 Resp: 324978

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 26.5 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

