

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085855.D
 Acq On : 29 Mar 2016 18:12
 Operator : UM/SJ
 Sample : PB89295BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Quant Time: Mar 29 23:49:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110185	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	472328	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	207491	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	396350	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	324204	20.00	ng	-0.01
86) Perylene-d12	15.39	264	221492	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	739947	111.84	ng	0.00
7) Phenol-d6	6.45	99	952399	113.22	ng	-0.01
23) Nitrobenzene-d5	7.37	82	604222	72.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	271279	137.61	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1029805	82.92	ng	-0.02
78) Terphenyl-d14	12.92	244	1119720	71.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	105433	33.37	ng	97
3) Pyridine	3.14	79	285485	37.69	ng	99
4) n-Nitrosodimethylamine	3.09	42	129114	42.58	ng	98
6) Aniline	6.47	93	200891	17.74	ng	# 93
8) 2-Chlorophenol	6.60	128	302489	39.35	ng	92
9) Benzaldehyde	6.36	77	150303	29.66	ng	91
10) Phenol	6.46	94	368024	38.62	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	281337	38.36	ng	92
12) 1,3-Dichlorobenzene	6.74	146	321267	38.81	ng	# 94
13) 1,4-Dichlorobenzene	6.82	146	326299	38.87	ng	94
14) 1,2-Dichlorobenzene	6.97	146	292161	37.34	ng	96
15) Benzyl Alcohol	6.95	79	223141	39.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	339980	34.94	ng	97
17) 2-Methylphenol	7.08	107	247581	40.23	ng	99
18) Hexachloroethane	7.32	117	117983	38.38	ng	90
19) n-Nitroso-di-n-propylamine	7.22	70	189029	37.53	ng	95
20) 3+4-Methylphenols	7.22	107	298340	40.32	ng	92
22) Acetophenone	7.22	105	397965	36.17	ng	# 95
24) Nitrobenzene	7.40	77	338128	39.11	ng	90
25) Isophorone	7.64	82	592010	36.64	ng	96
26) 2-Nitrophenol	7.72	139	164786	38.10	ng	90
27) 2,4-Dimethylphenol	7.75	122	270962	35.84	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	348149	37.82	ng	97
29) 2,4-Dichlorophenol	7.96	162	250168	39.36	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	266333	37.74	ng	96
31) Naphthalene	8.12	128	911316	38.29	ng	99
32) Benzoic acid	7.89	122	162994	32.46	ng	92
33) 4-Chloroaniline	8.17	127	78314	8.06	ng	99
34) Hexachlorobutadiene	8.23	225	133233	34.74	ng	98
35) Caprolactam	8.54	113	60680	26.95	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	289802	39.03	ng	90
37) 2-Methylnaphthalene	8.80	142	554485	38.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	233753	37.99	ng	99
40) Hexachlorocyclopentadiene	8.96	237	192254	75.55	ng	98

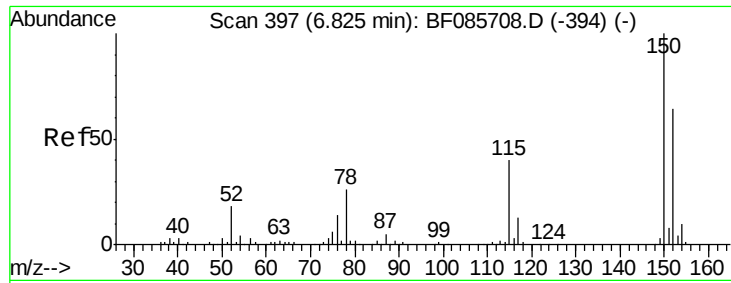
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	162428	39.09	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	178814	41.03	ng #	93
45) 1,1'-Biphenyl	9.27	154	667903	38.15	ng	98
46) 2-Chloronaphthalene	9.29	162	498519	38.72	ng	92
47) 2-Nitroaniline	9.40	65	168530	42.81	ng	98
48) Acenaphthylene	9.70	152	820898	39.13	ng	99
49) Dimethylphthalate	9.58	163	653913	41.54	ng	99
50) 2,6-Dinitrotoluene	9.64	165	125737	37.11	ng	97
51) Acenaphthene	9.88	154	487009	38.01	ng	100
52) 3-Nitroaniline	9.81	138	59247	15.28	ng	94
53) 2,4-Dinitrophenol	9.92	184	123017	72.47	ng #	80
54) Dibenzofuran	10.06	168	739713	44.60	ng	96
55) 4-Nitrophenol	9.98	139	186368	73.76	ng	93
56) 2,4-Dinitrotoluene	10.05	165	188555	43.78	ng #	72
57) Fluorene	10.39	166	543121	39.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	127993	42.26	ng	98
59) Diethylphthalate	10.28	149	646882	41.59	ng	100
60) 4-Chlorophenyl-phenylether	10.39	204	281408	41.75	ng #	88
61) 4-Nitroaniline	10.42	138	153506	41.38	ng	95
62) Azobenzene	10.55	77	692779	46.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	89441	38.53	ng #	57
65) n-Nitrosodiphenylamine	10.50	169	496616	39.56	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	159454	39.32	ng #	85
67) Hexachlorobenzene	10.95	284	166013	39.15	ng #	86
68) Atrazine	11.04	200	181312	42.78	ng	99
69) Pentachlorophenol	11.14	266	171241	82.25	ng	99
70) Phenanthrene	11.36	178	848942	41.71	ng	99
71) Anthracene	11.41	178	881835	41.27	ng	99
72) Carbazole	11.57	167	843526	47.03	ng	99
73) Di-n-butylphthalate	11.90	149	990144	40.23	ng	98
74) Fluoranthene	12.54	202	823001	38.05	ng	97
76) Benzidine	12.67	184	279266	24.46	ng	97
77) Pyrene	12.77	202	814833	30.58	ng	99
79) Butylbenzylphthalate	13.39	149	373427	33.46	ng #	73
80) Benzo(a)anthracene	13.96	228	704640	38.12	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	103970	8.10	ng #	97
82) Chrysene	13.99	228	580293	31.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	467099	34.96	ng #	99
84) Di-n-octyl phthalate	14.55	149	748093	37.65	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	513773	35.73	ng	99
87) Benzo(b)fluoranthene	15.01	252	1084989	77.76	ng	97
88) Benzo(k)fluoranthene	15.01	252	1085490	86.29	ng	99
89) Benzo(a)pyrene	15.33	252	511692	41.30	ng #	97
90) Dibenzo(a,h)anthracene	16.77	278	432995	37.62	ng	97
91) Benzo(g,h,i)perylene	17.18	276	432200	37.08	ng	96

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

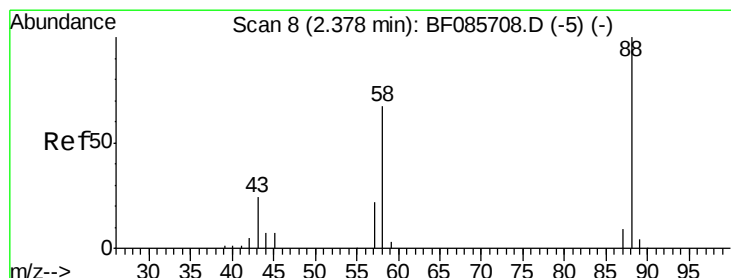
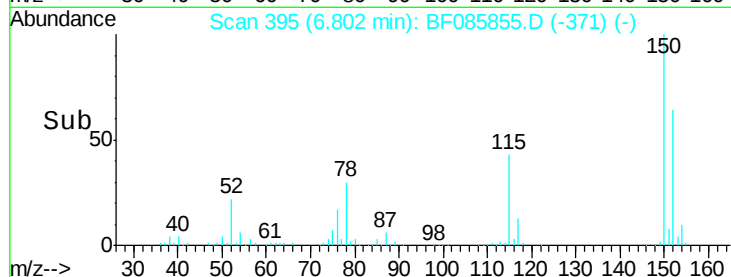
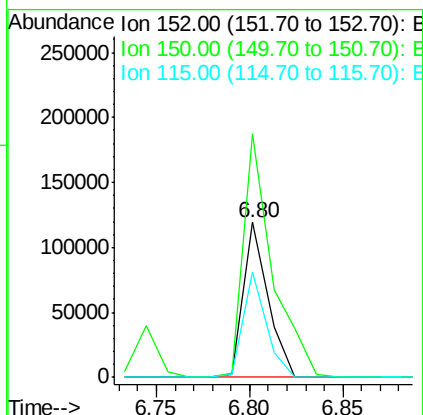
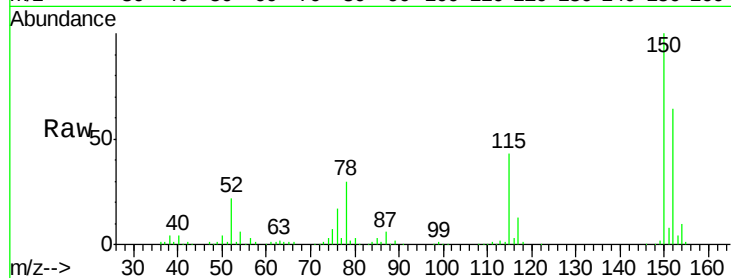


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

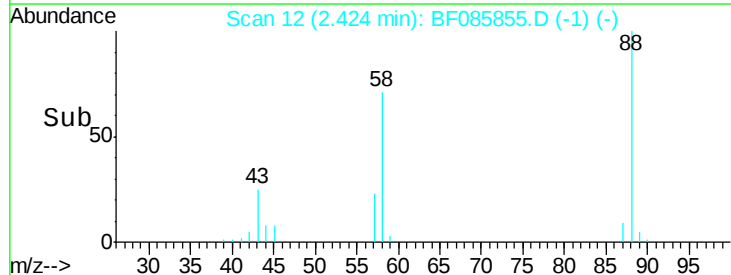
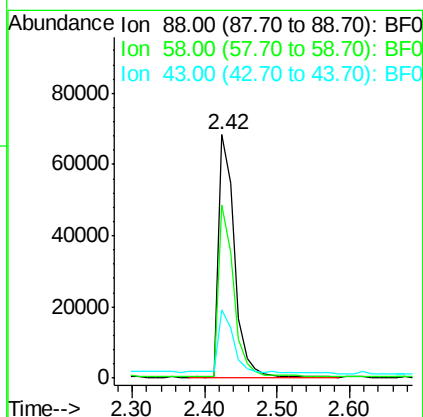
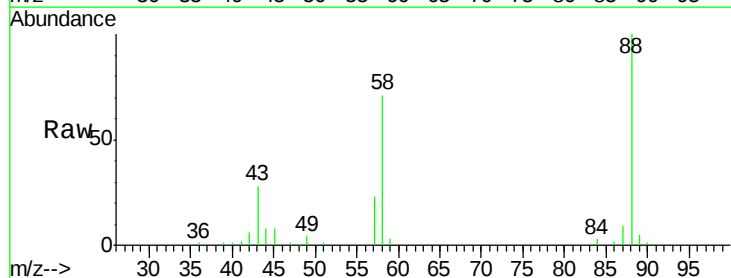
Tgt Ion:152 Resp: 110185
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 68.3 47.0 70.6

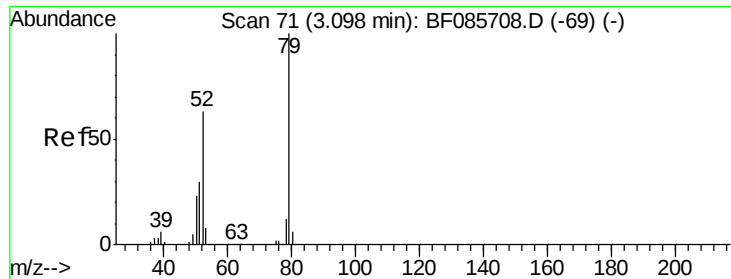


#2

1,4-Dioxane
Concen: 33.37 ng
RT: 2.42 min Scan# 12
Delta R.T. 0.05 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 88 Resp: 105433
Ion Ratio Lower Upper
88 100
58 65.7 54.2 81.2
43 26.1 19.3 28.9





#3

Pyridine

Concen: 37.69 ng

RT: 3.14 min Scan# 75

Delta R.T. 0.05 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

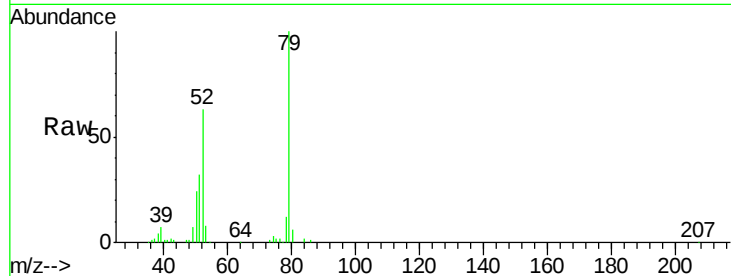
Tgt Ion: 79 Resp: 285485

Ion Ratio Lower Upper

79 100

52 62.5 49.8 74.6

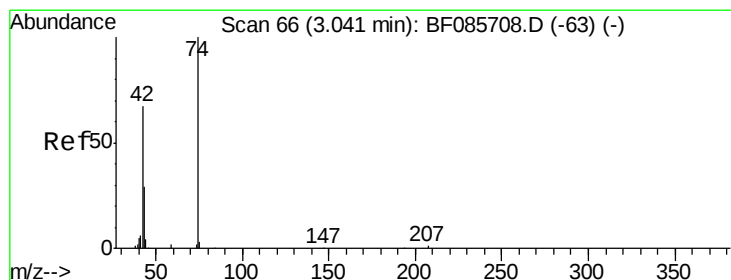
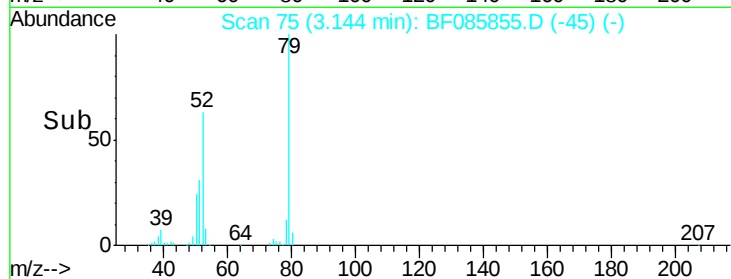
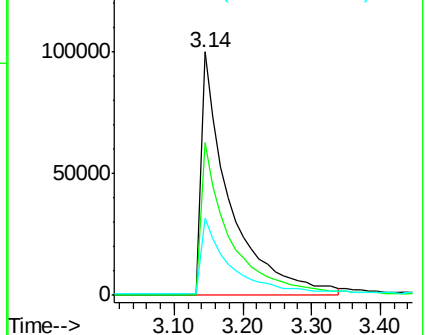
51 31.8 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.58 ng

RT: 3.09 min Scan# 70

Delta R.T. 0.05 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

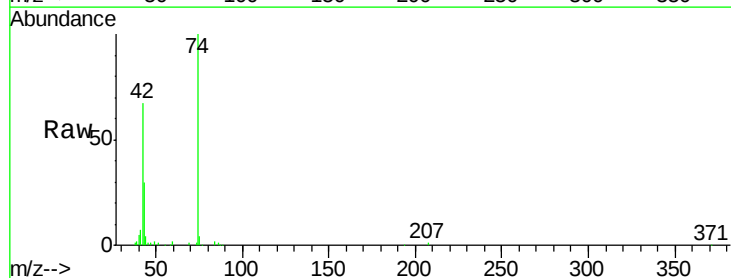
Tgt Ion: 42 Resp: 129114

Ion Ratio Lower Upper

42 100

74 149.3 121.4 182.2

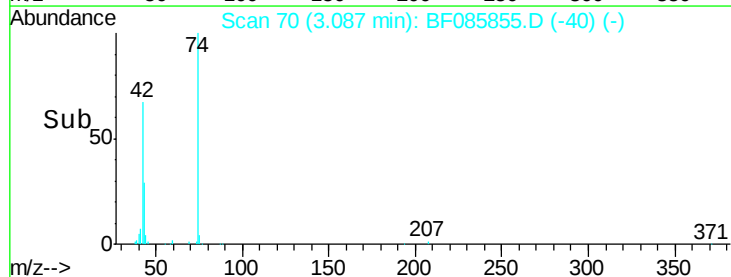
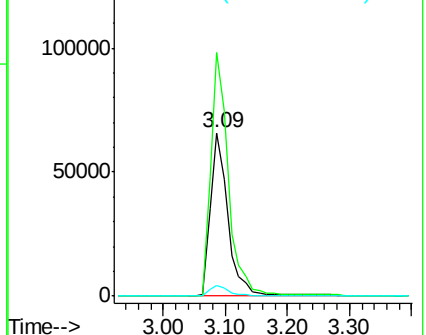
44 6.6 5.6 8.4

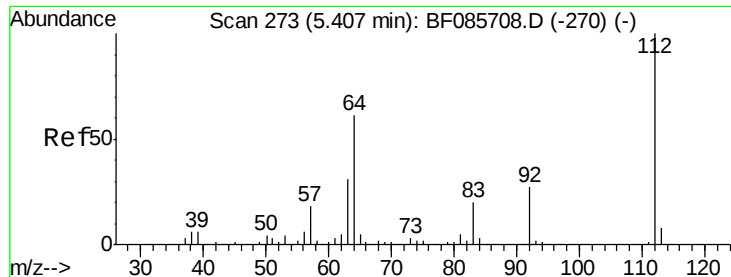


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.84 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

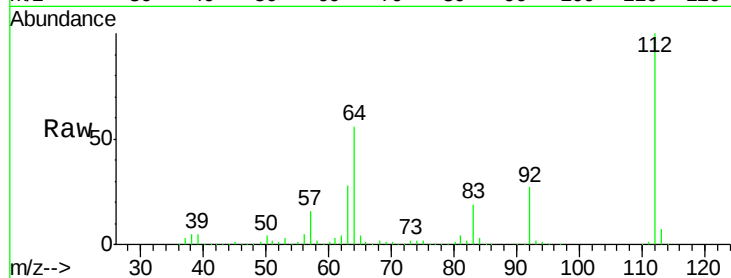
Tgt Ion: 112 Resp: 739947

Ion Ratio Lower Upper

112 100

64 55.6 39.9 59.9

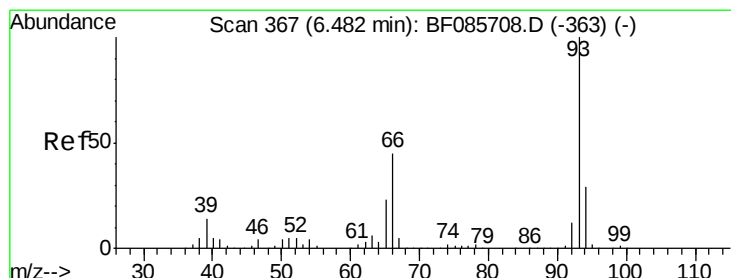
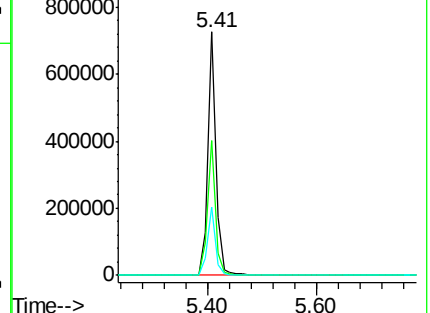
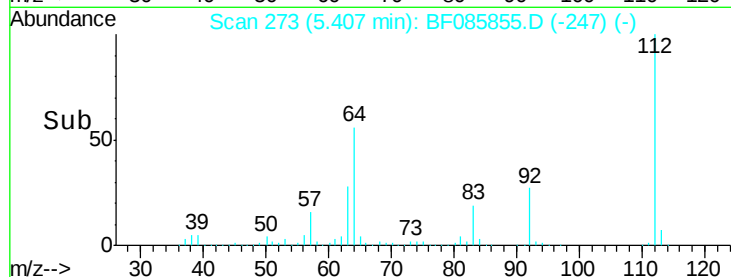
63 28.1 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.74 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

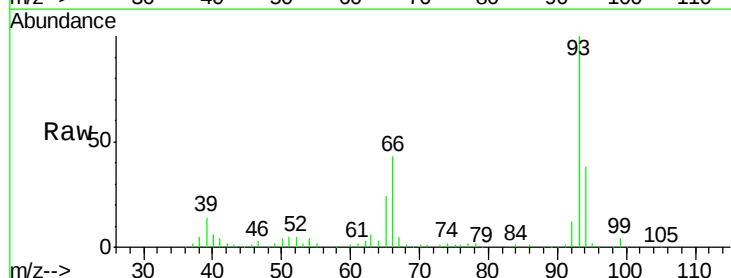
Tgt Ion: 93 Resp: 200891

Ion Ratio Lower Upper

93 100

66 43.3 31.4 47.2

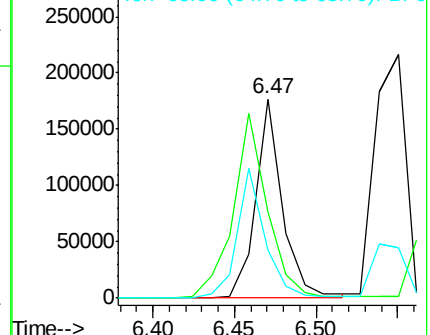
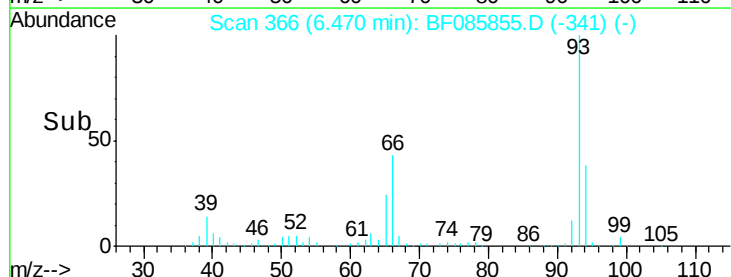
65 23.7 15.7 23.5#

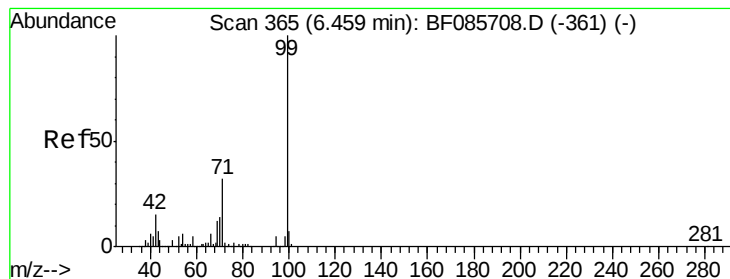


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.22 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

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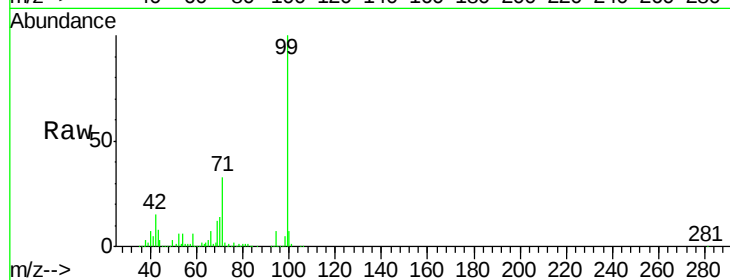
Tgt Ion: 99 Resp: 952399

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

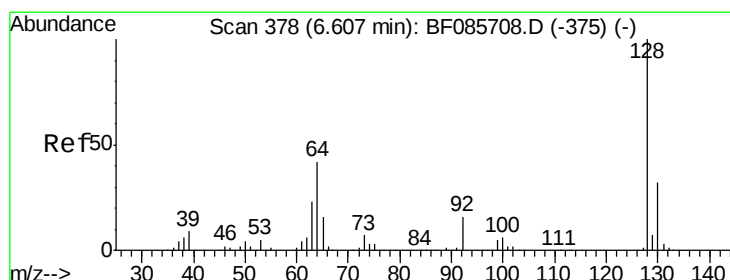
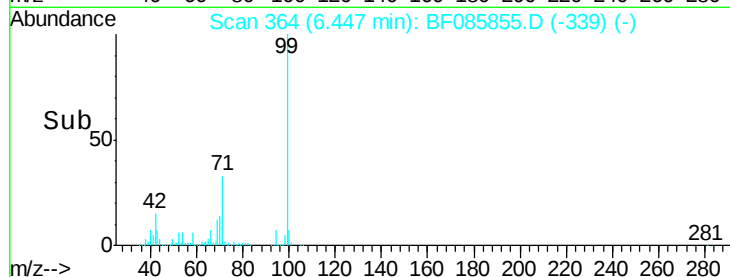
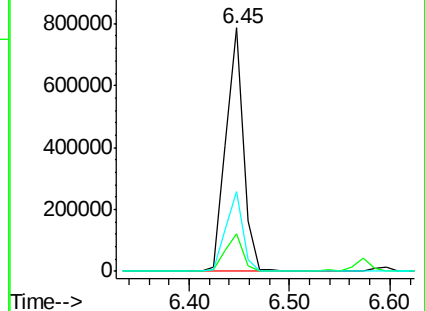
71 32.8 24.9 37.3



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: 39.35 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

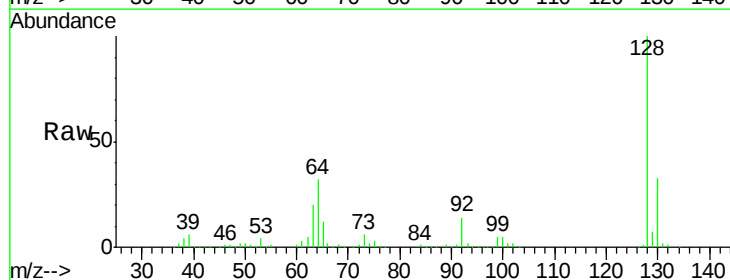
Tgt Ion: 128 Resp: 302489

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

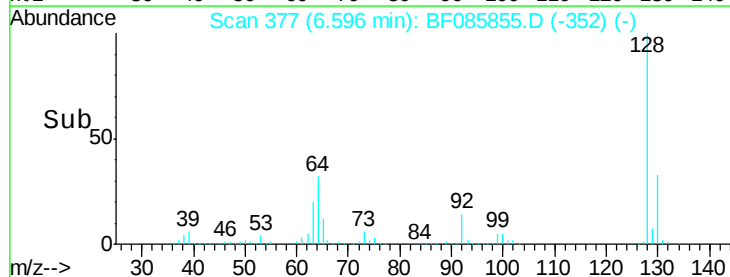
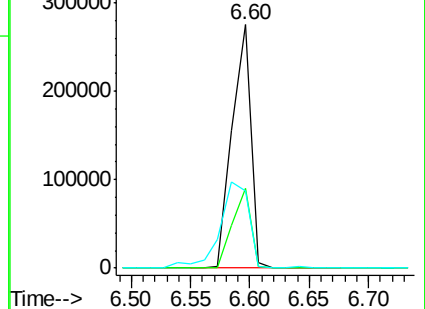
64 31.6 20.2 60.2

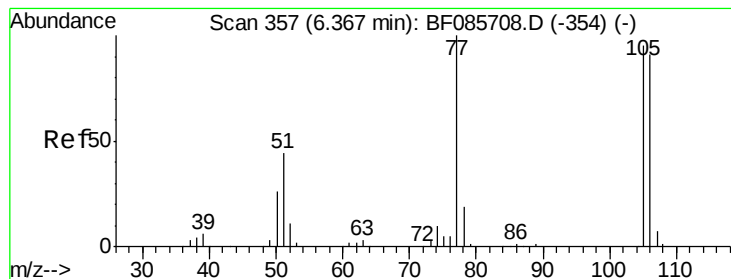


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.66 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

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PB89295BS

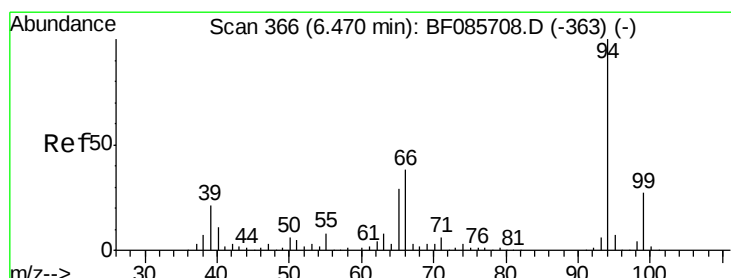
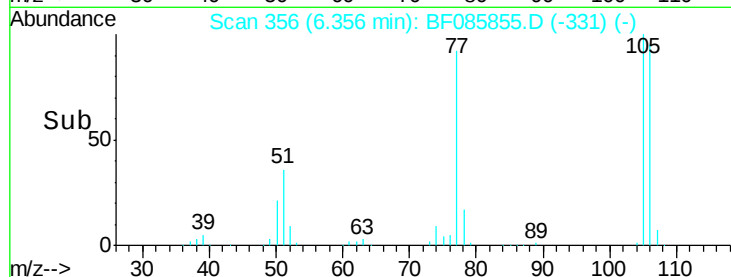
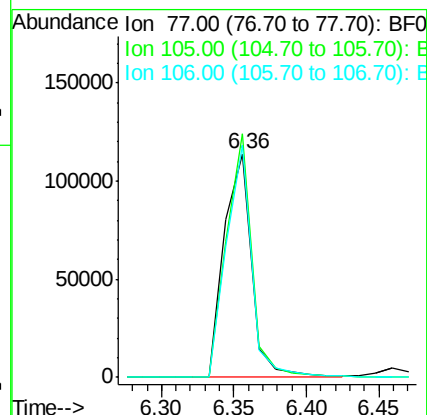
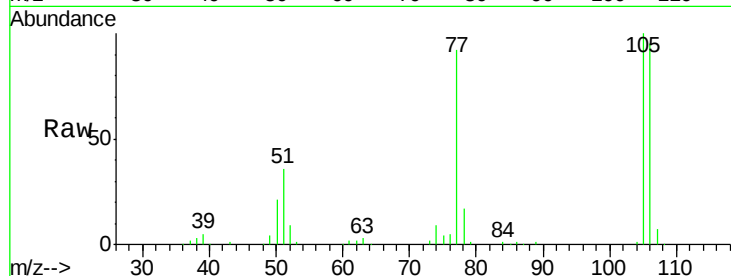
Tgt Ion: 77 Resp: 150303

Ion Ratio Lower Upper

77 100

105 108.9 80.1 120.1

106 104.0 75.0 115.0



#10

Phenol

Concen: 38.62 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

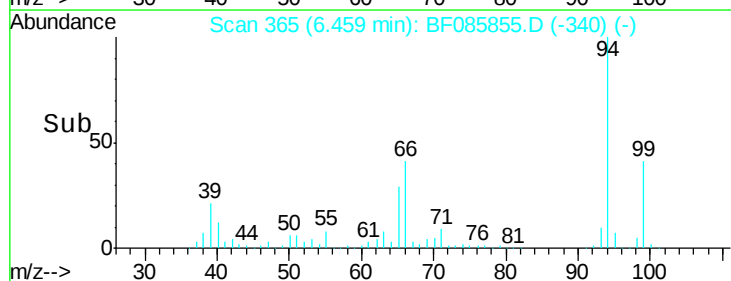
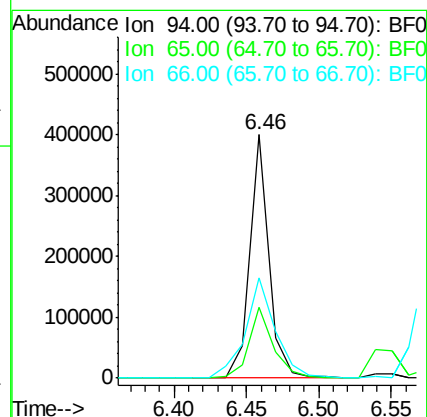
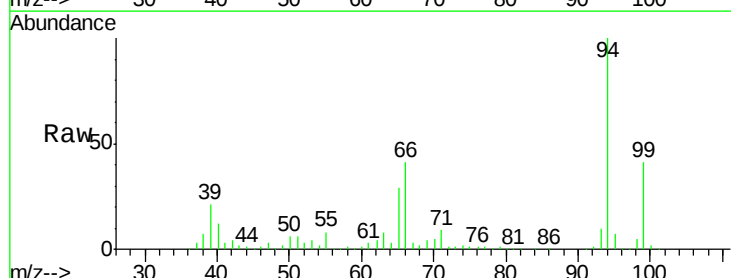
Tgt Ion: 94 Resp: 368024

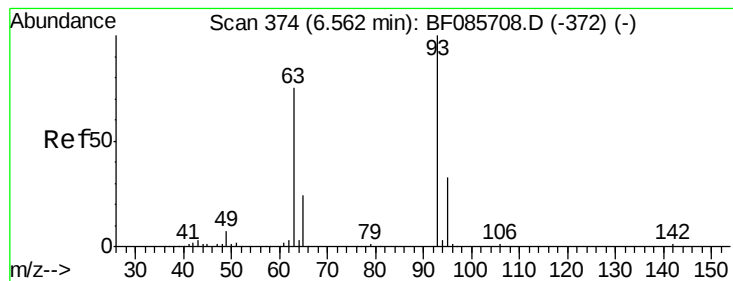
Ion Ratio Lower Upper

94 100

65 28.9 8.6 48.6

66 41.1 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 38.36 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

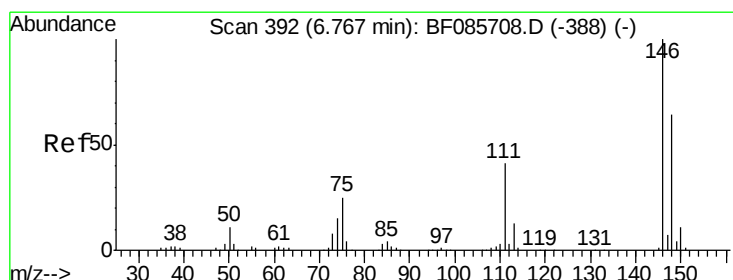
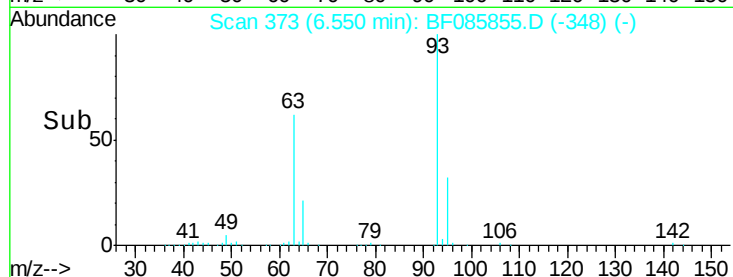
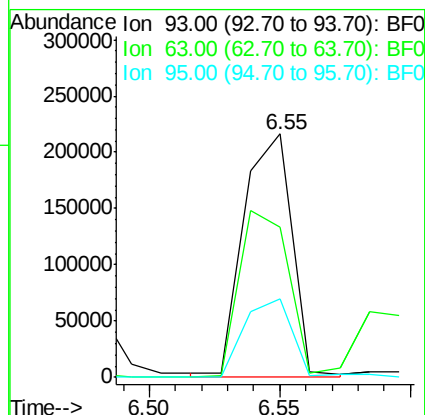
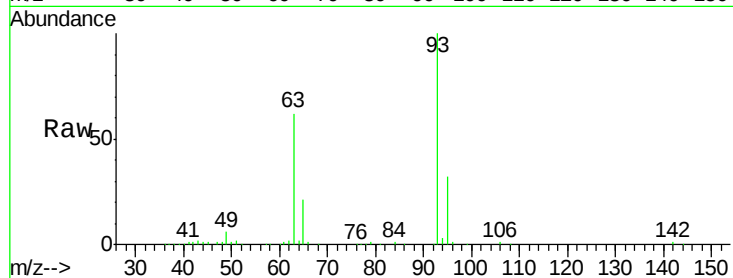
Tgt Ion: 93 Resp: 281337

Ion Ratio Lower Upper

93 100

63 61.8 50.9 90.9

95 32.4 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 38.81 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

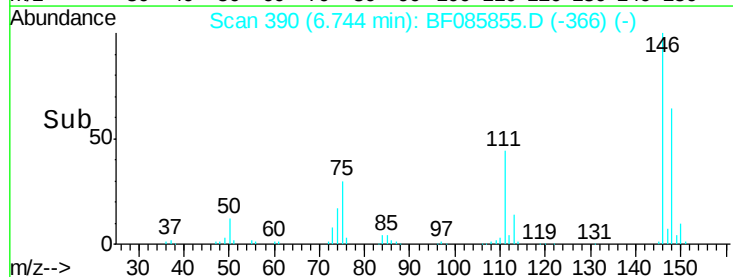
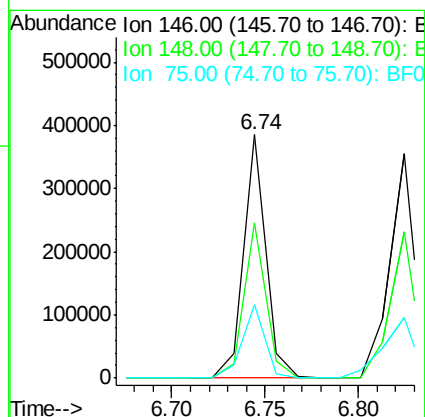
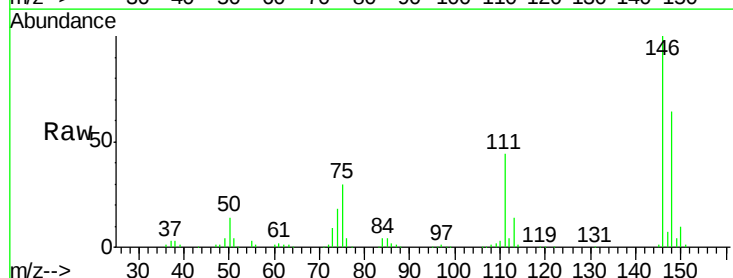
Tgt Ion: 146 Resp: 321267

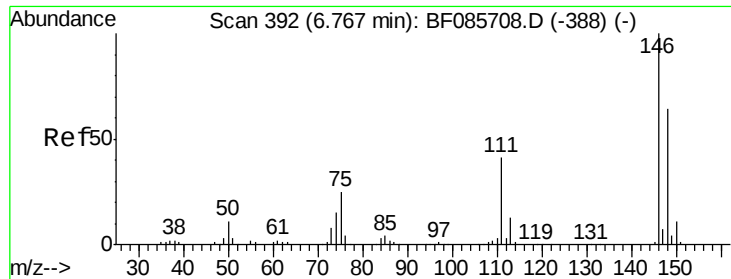
Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

75 30.0 17.4 26.2#

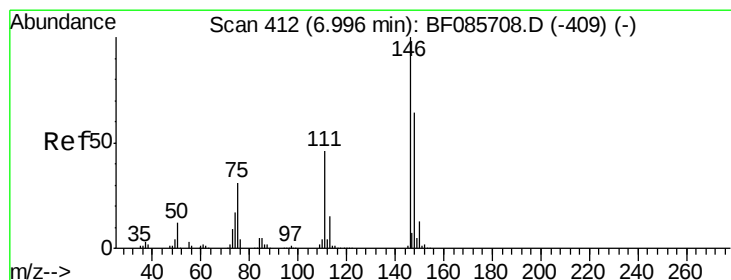
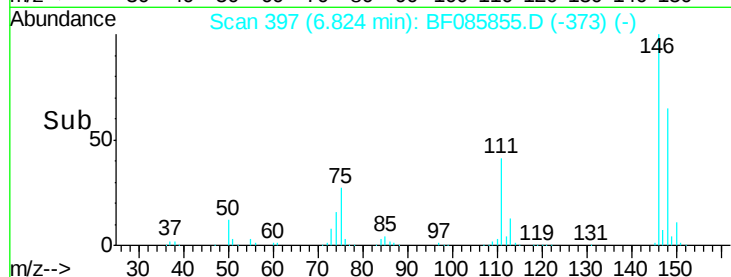
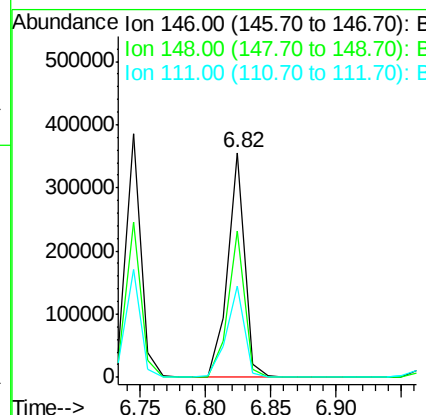
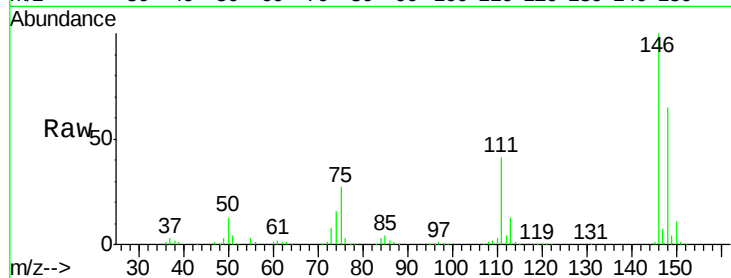




#13
 1,4-Dichlorobenzene
 Concen: 38.87 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

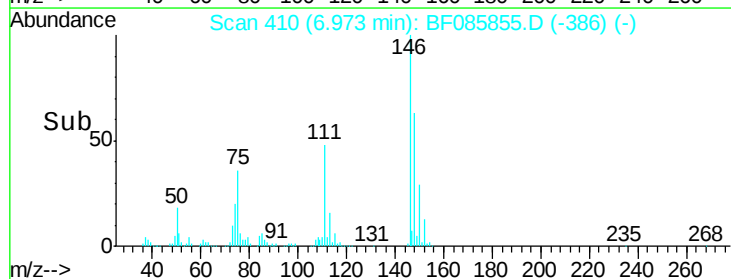
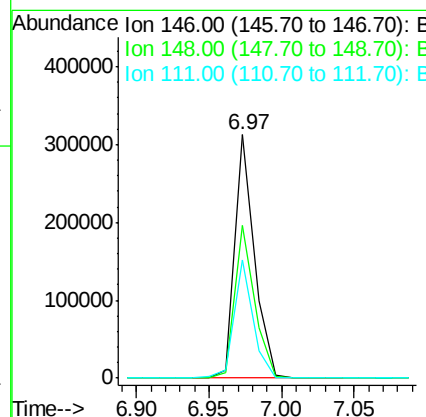
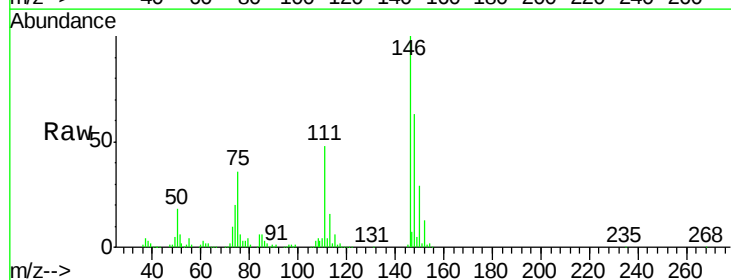
Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

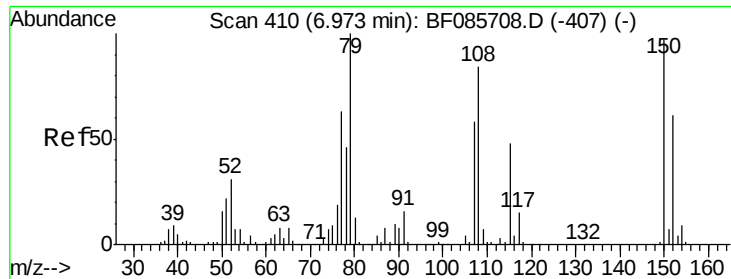
Tgt Ion:146 Resp: 326299
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 76.0
 111 40.9 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:146 Resp: 292161
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.2
 111 48.3 34.6 52.0





#15

Benzyl Alcohol

Concen: 39.76 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

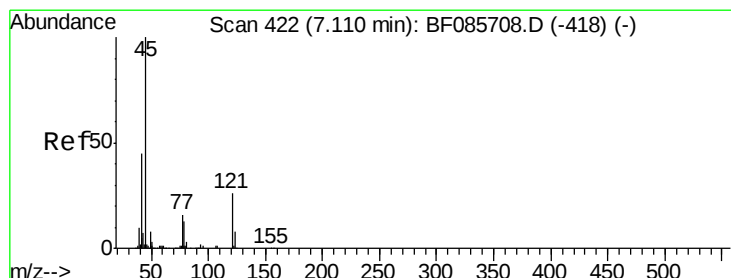
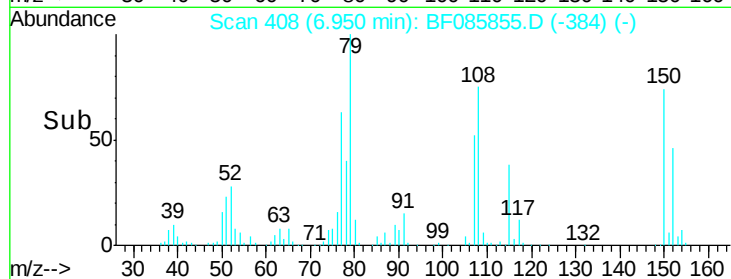
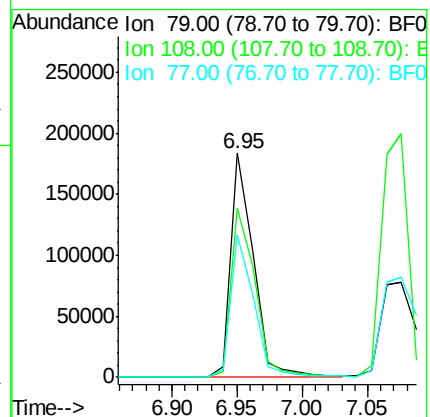
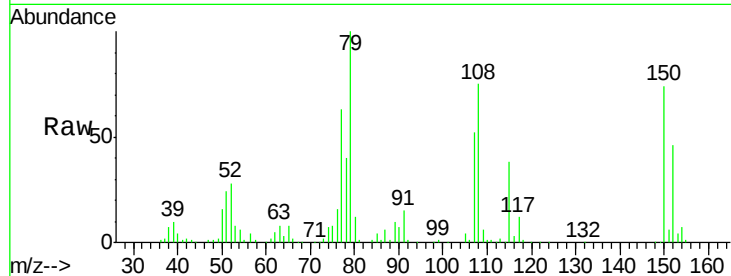
Tgt Ion: 79 Resp: 223141

Ion Ratio Lower Upper

79 100

108 75.3 61.8 92.6

77 63.4 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.94 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

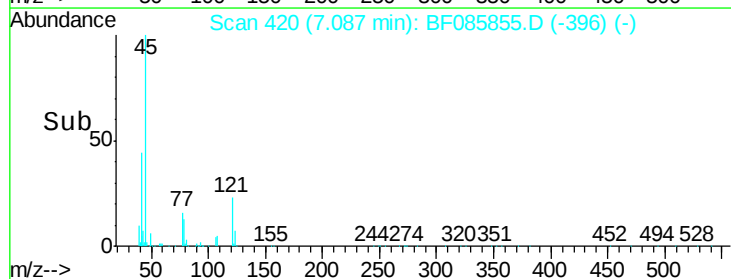
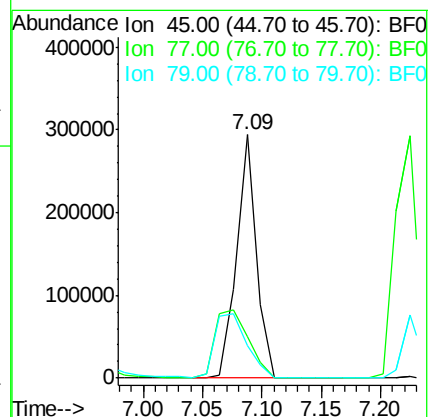
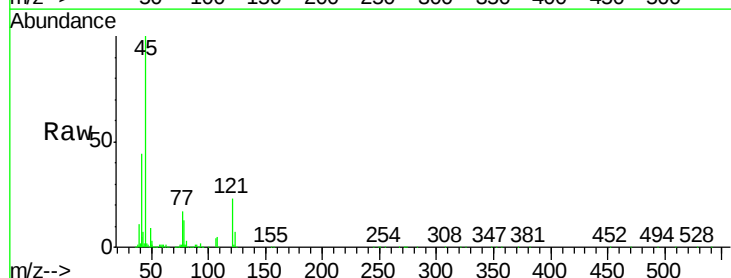
Tgt Ion: 45 Resp: 339980

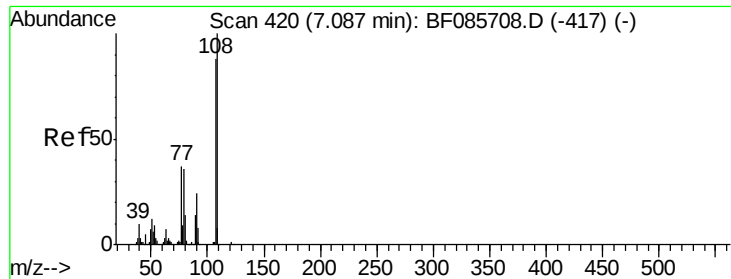
Ion Ratio Lower Upper

45 100

77 17.2 0.0 35.7

79 13.4 0.0 32.2

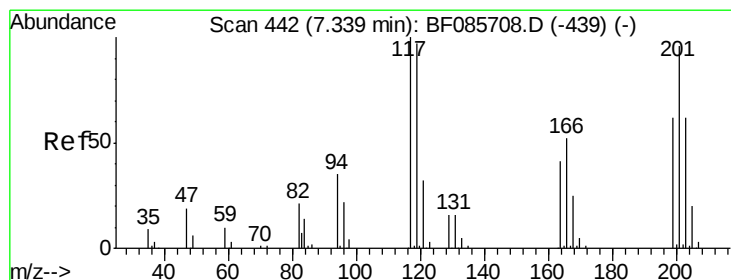
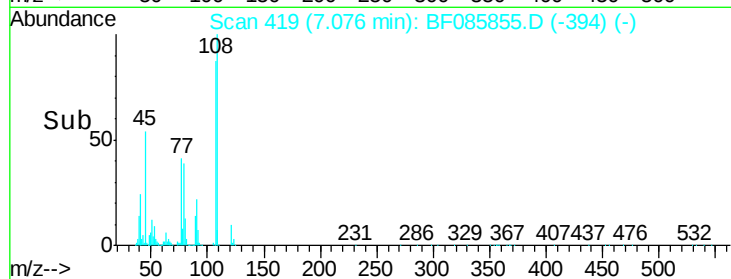
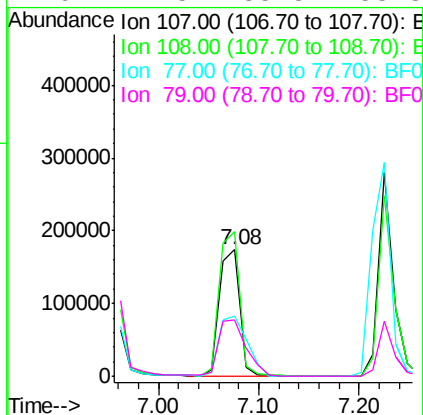
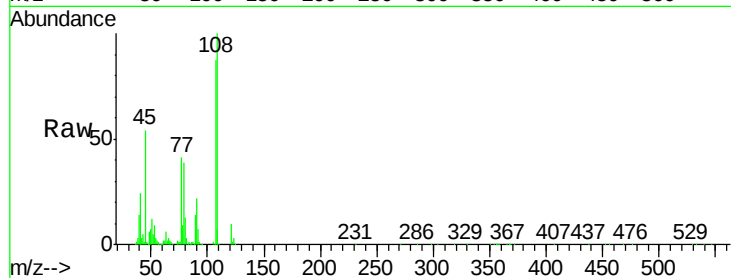




#17
 2-Methylphenol
 Concen: 40.23 ng
 RT: 7.08 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

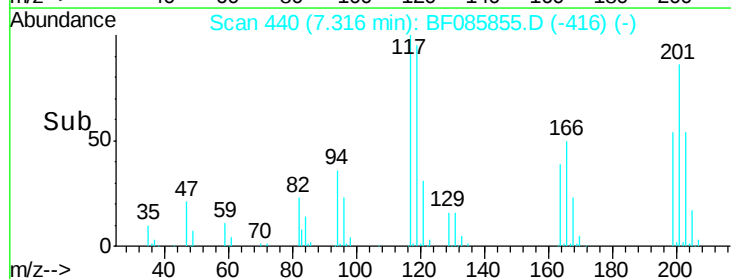
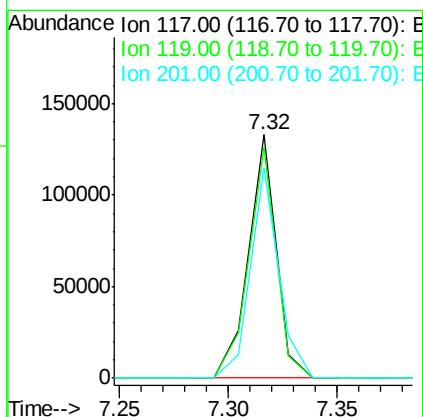
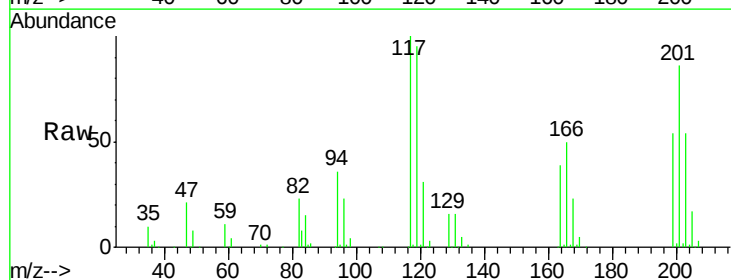
Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

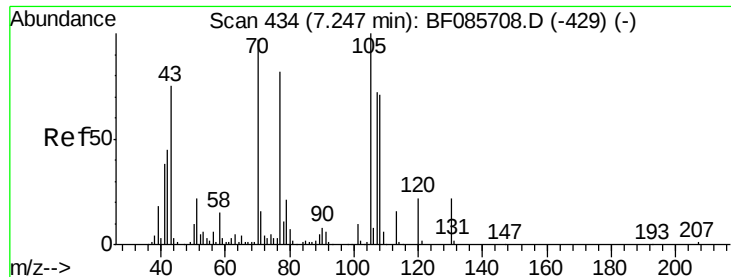
Tgt Ion:	107	Resp:	247581
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.4	137.0
77	47.1	36.2	54.2
79	44.5	35.8	53.8



#18
 Hexachloroethane
 Concen: 38.38 ng
 RT: 7.32 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:	117	Resp:	117983
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.7	115.1
201	86.2	83.3	124.9

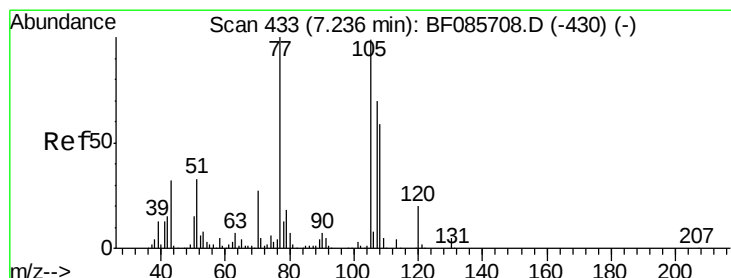
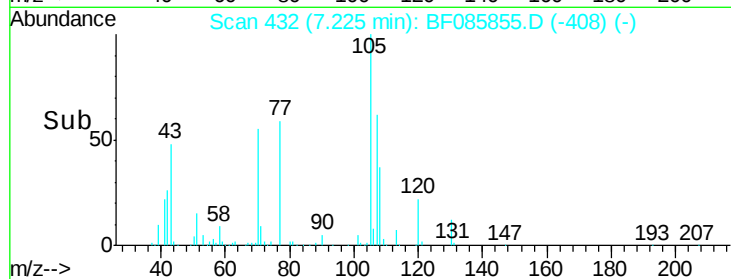
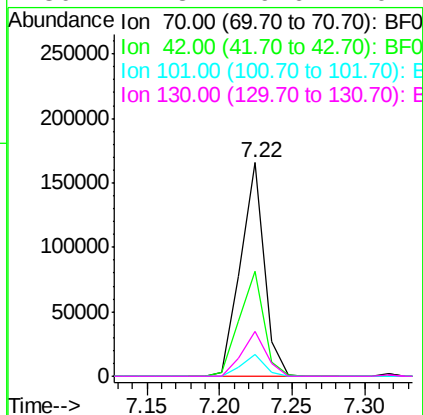
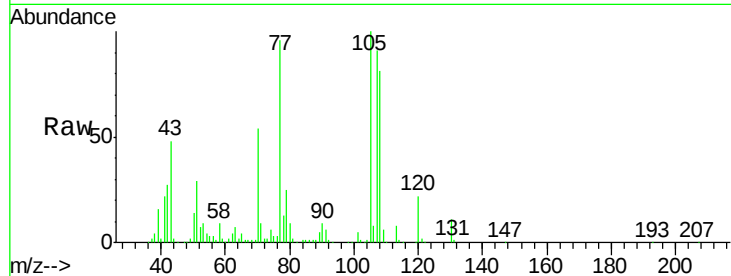




#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

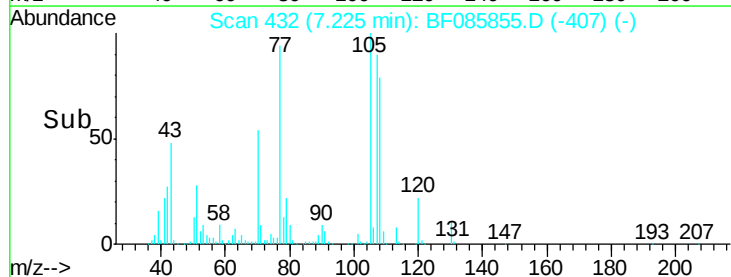
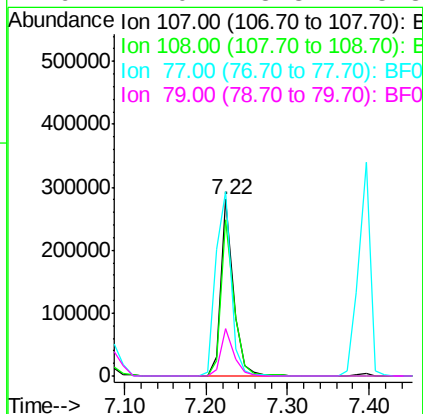
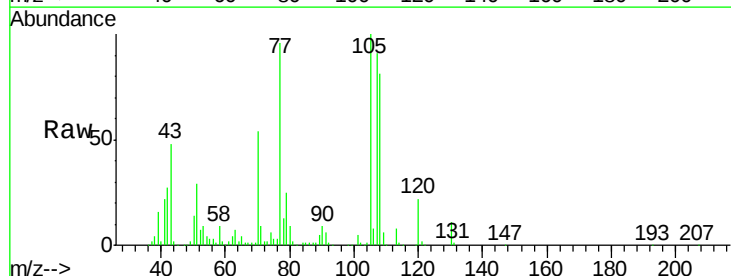
Instrument :
BNA_F
ClientSampleId :
PB89295BS

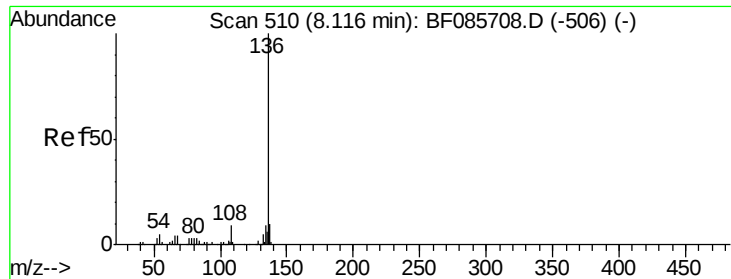
Tgt Ion:	70	Resp:	189029
Ion	Ratio	Lower	Upper
70	100		
42	49.2	37.1	55.7
101	10.1	8.6	12.8
130	21.3	19.6	29.4



#20
3+4-Methylphenols
Concen: 40.32 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:	107	Resp:	298340
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.3	109.3
77	104.7	101.7	141.7
79	27.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

Tgt Ion:136 Resp: 472328

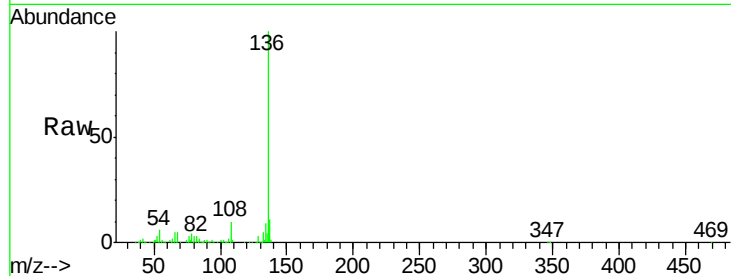
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.2 7.4 11.0#

68 5.4 5.8 8.8#

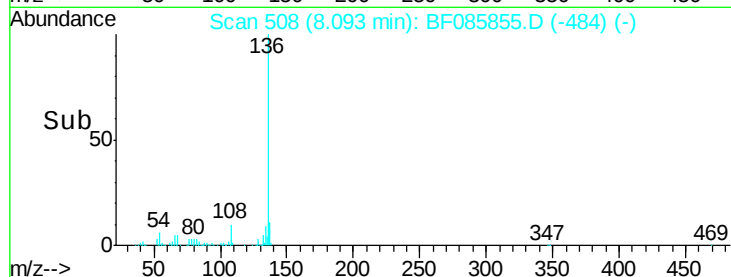


Abundance Ion 136.00 (135.70 to 136.70): E

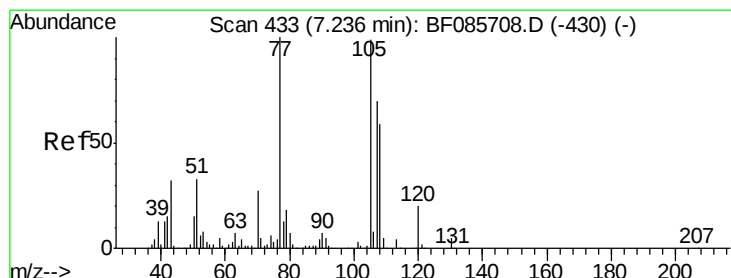
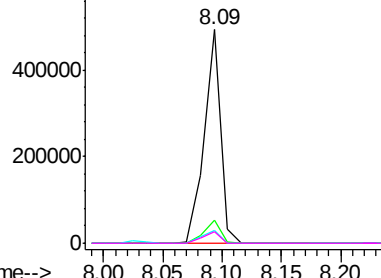
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.17 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:105 Resp: 397965

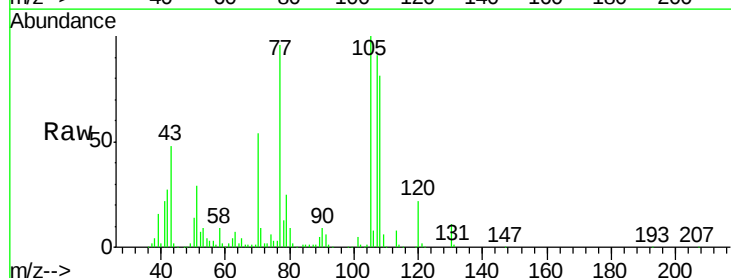
Ion Ratio Lower Upper

105 100

71 8.9 3.6 5.4#

51 28.7 25.4 38.0

120 21.9 16.9 25.3

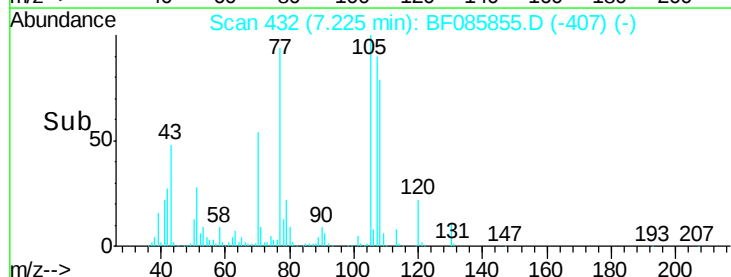


Abundance Ion 105.00 (104.70 to 105.70): E

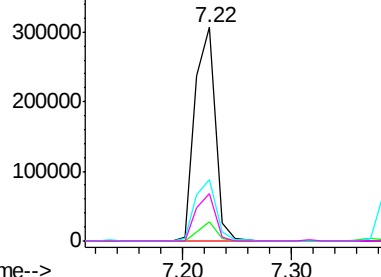
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

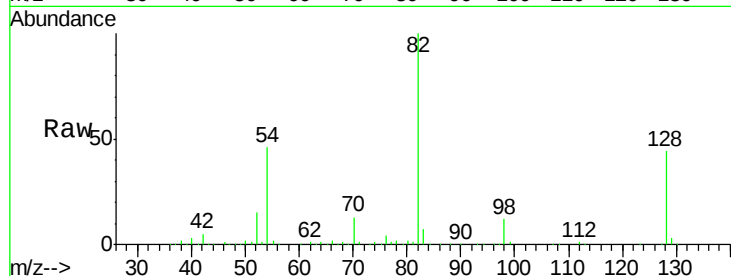




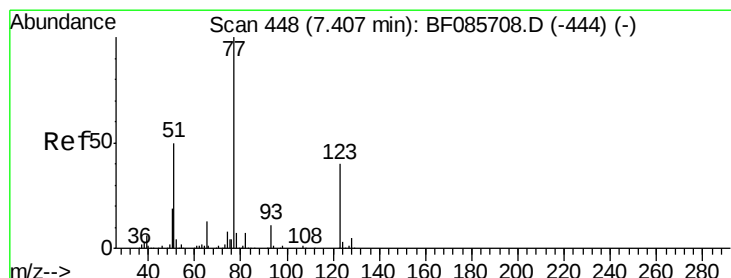
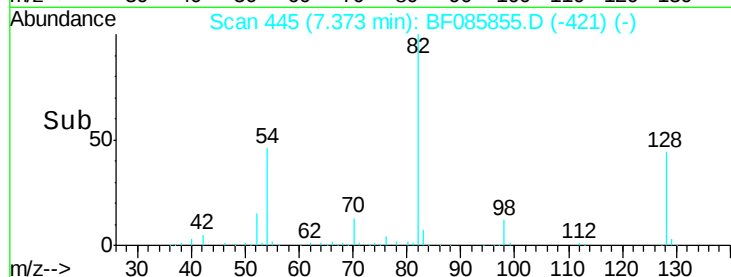
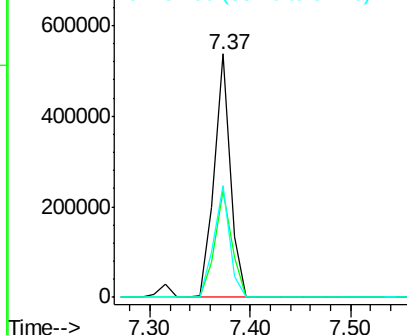
#23
 Nitrobenzene-d5
 Concen: 72.04 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion: 82 Resp: 604222
 Ion Ratio Lower Upper
 82 100
 128 43.8 41.8 62.8
 54 46.0 33.4 50.0

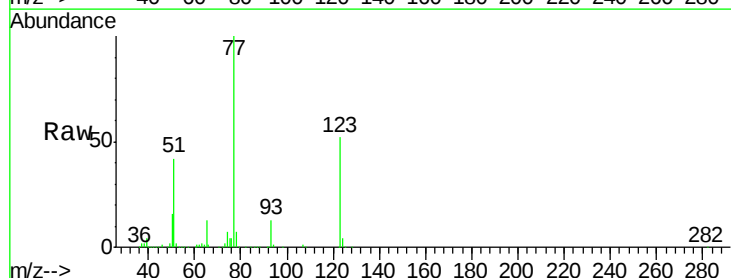


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

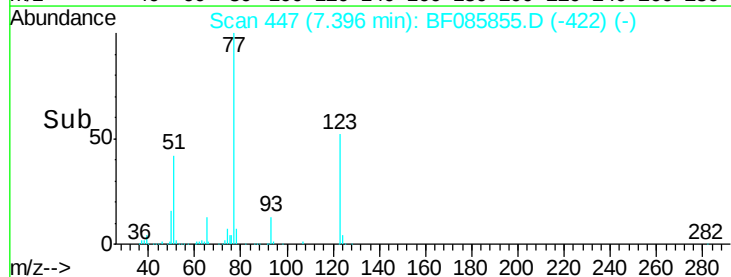
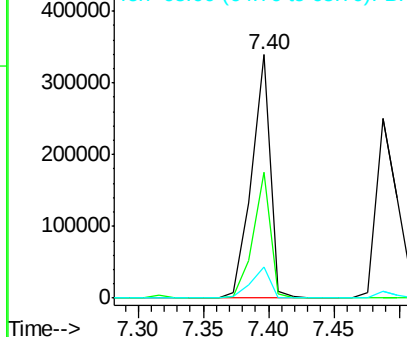


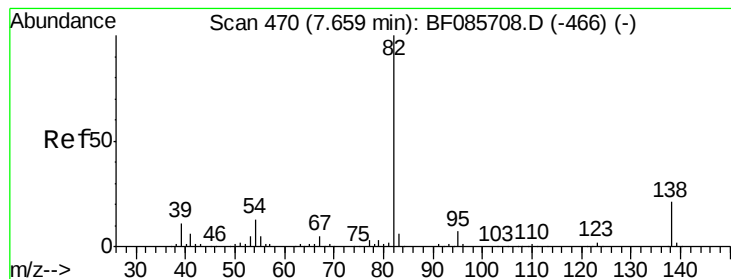
#24
 Nitrobenzene
 Concen: 39.11 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion: 77 Resp: 338128
 Ion Ratio Lower Upper
 77 100
 123 51.7 35.0 52.4
 65 12.7 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: 36.64 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

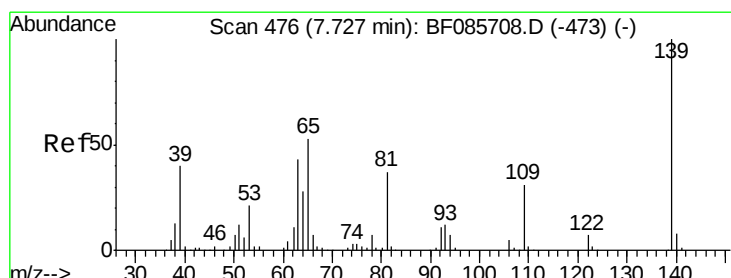
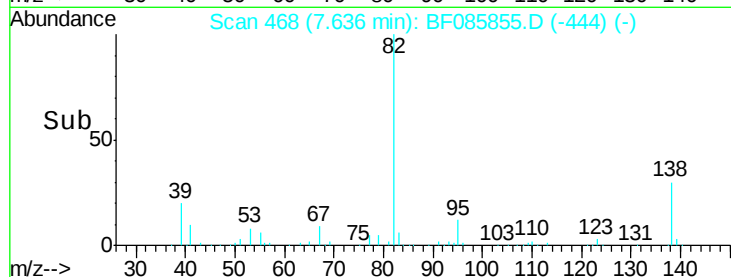
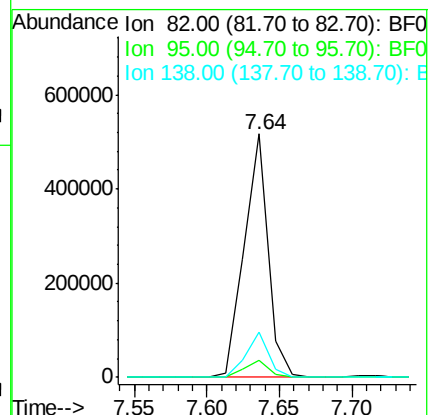
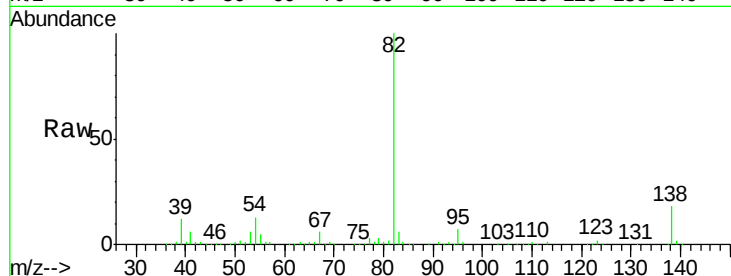
Tgt Ion: 82 Resp: 592010

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.5 12.9 19.3



#26

2-Nitrophenol

Concen: 38.10 ng

RT: 7.72 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

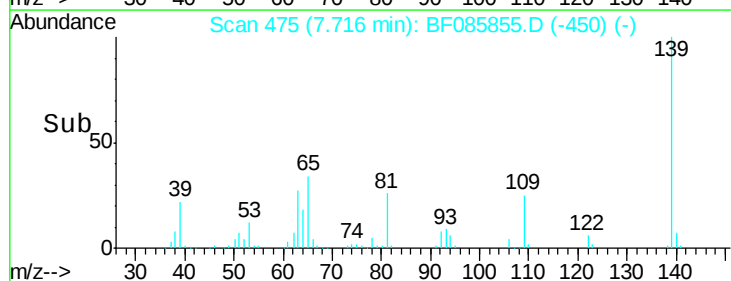
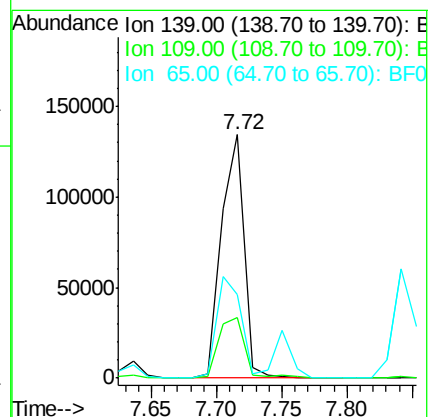
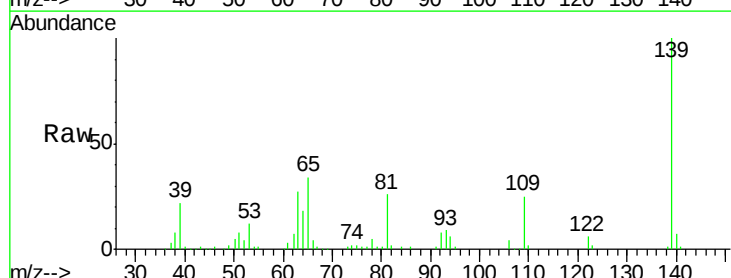
Tgt Ion: 139 Resp: 164786

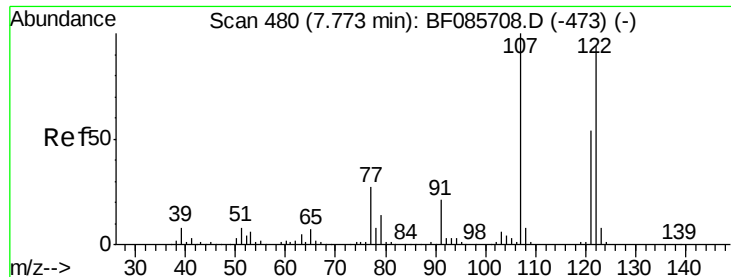
Ion Ratio Lower Upper

139 100

109 24.9 22.1 33.1

65 34.1 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 35.84 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

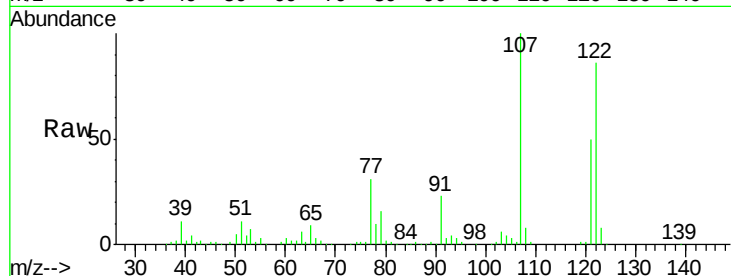
Tgt Ion:122 Resp: 270962

Ion Ratio Lower Upper

122 100

107 116.7 93.0 139.6

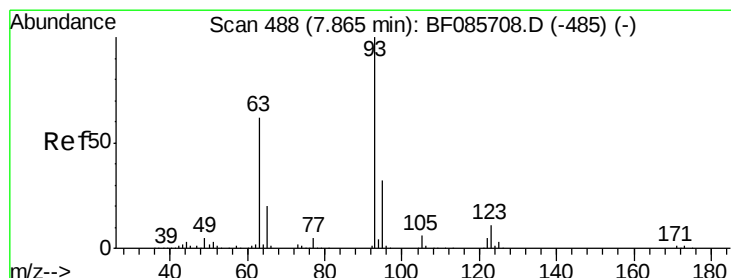
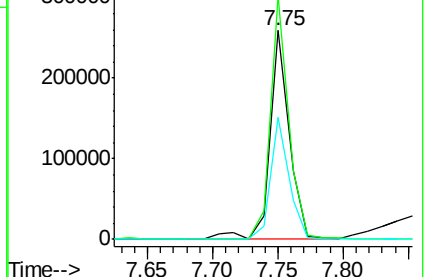
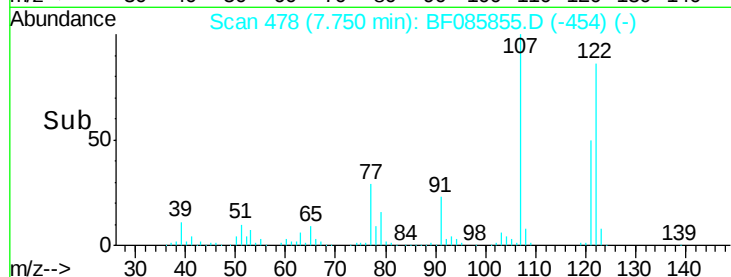
121 58.5 45.9 68.9



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: 37.82 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

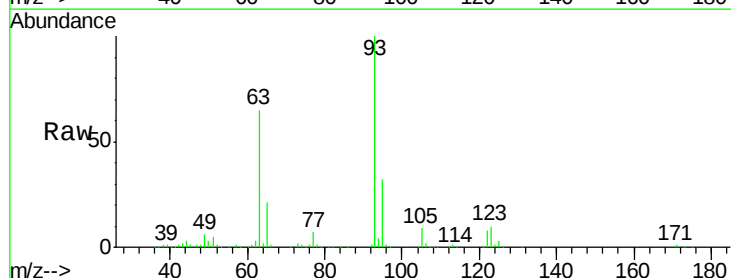
Tgt Ion: 93 Resp: 348149

Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

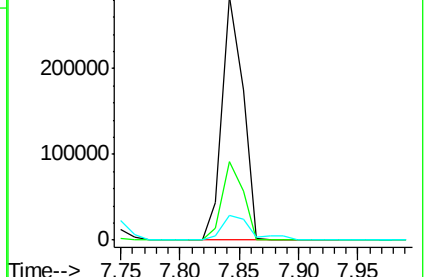
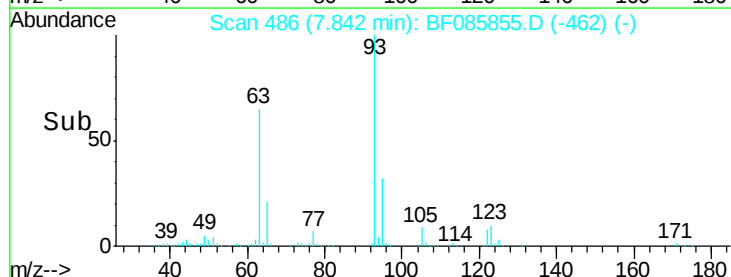
123 10.2 9.8 14.6

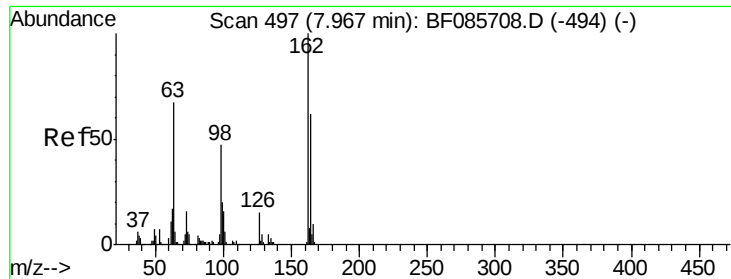


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

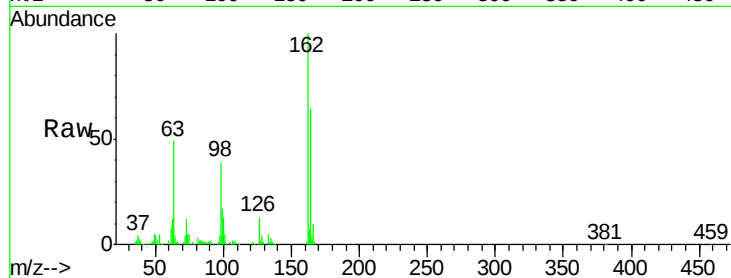




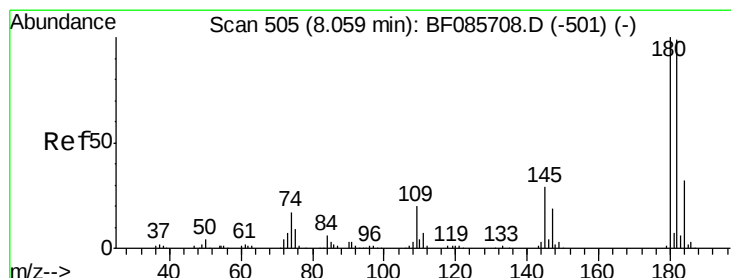
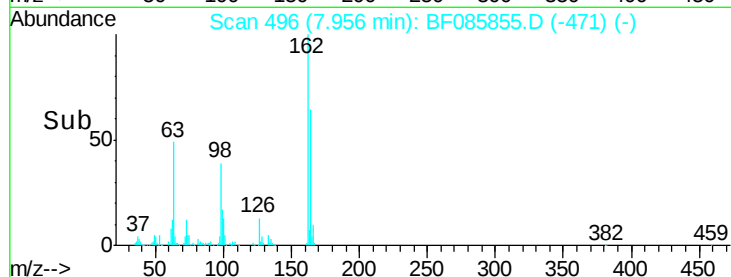
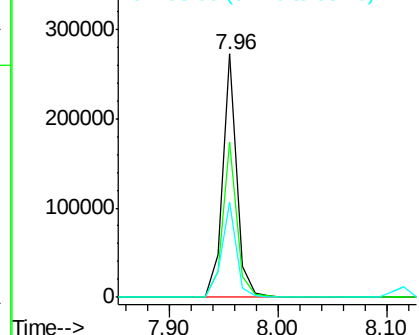
#29
 2,4-Dichlorophenol
 Concen: 39.36 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.7	83.7
98	38.9	20.4	60.4

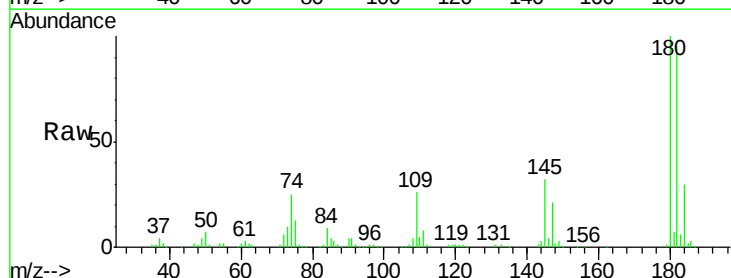


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

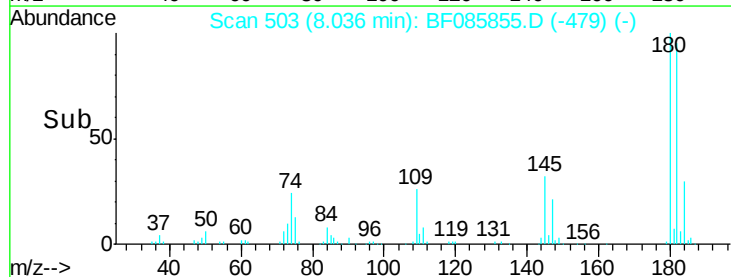
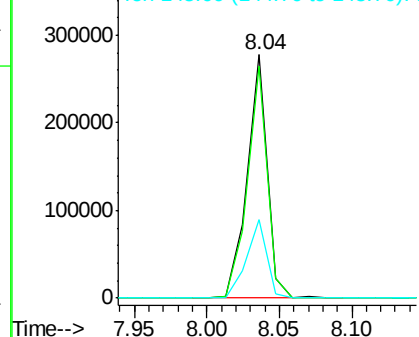


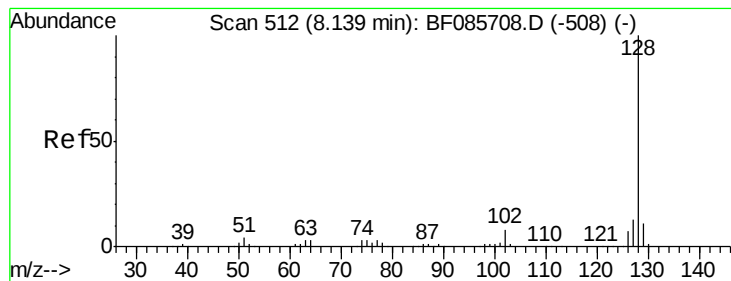
#30
 1,2,4-Trichlorobenzene
 Concen: 37.74 ng
 RT: 8.04 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	110.8
145	32.1	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: 38.29 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

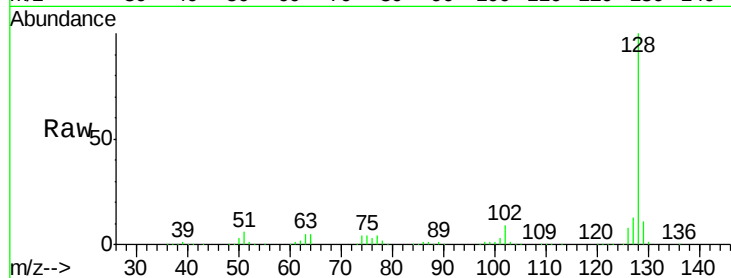
Tgt Ion:128 Resp: 911316

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

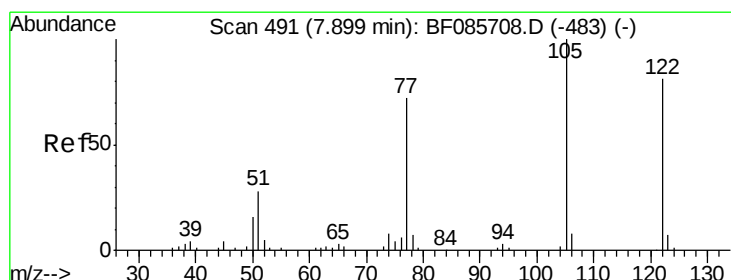
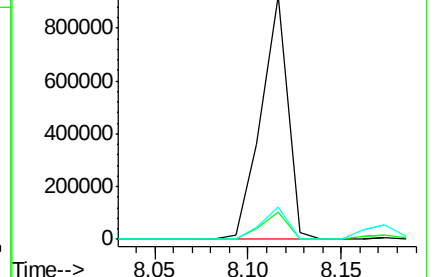
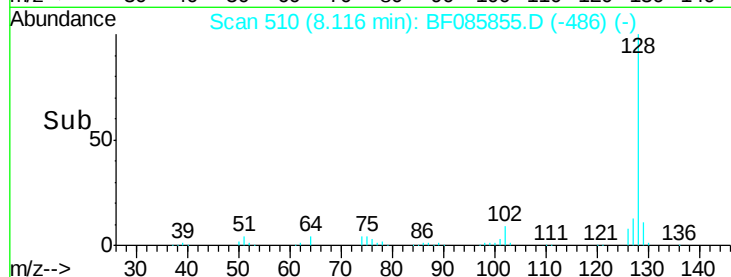
127 13.4 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.46 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

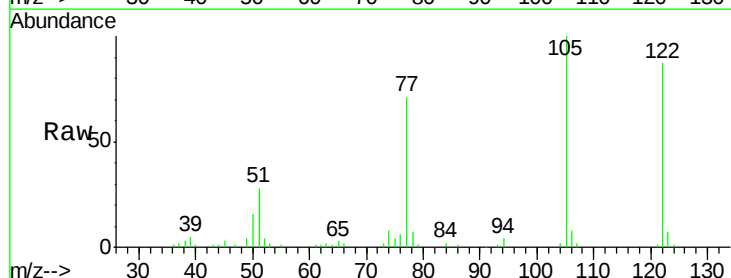
Tgt Ion:122 Resp: 162994

Ion Ratio Lower Upper

122 100

105 115.3 102.9 142.9

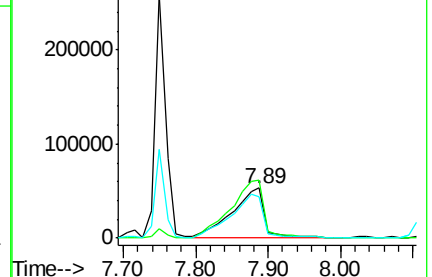
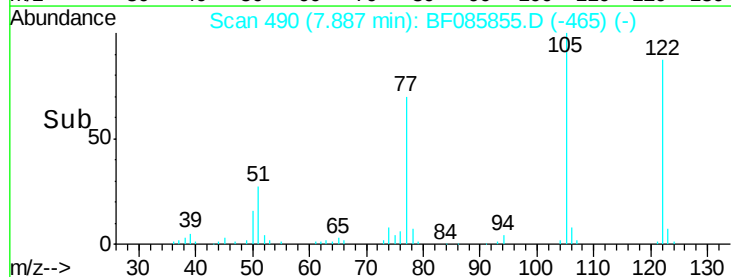
77 82.0 71.8 111.8

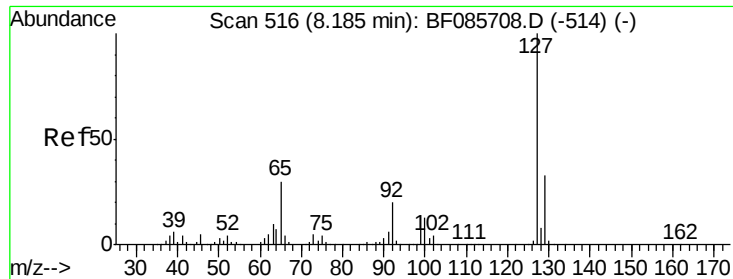


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

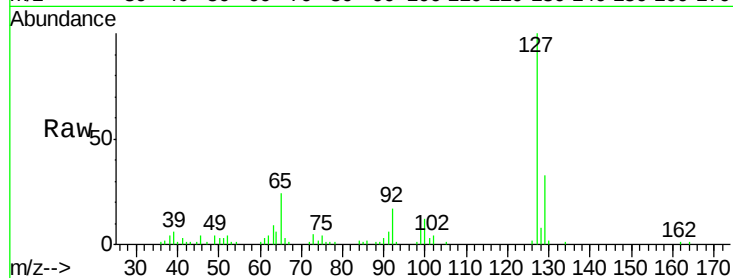




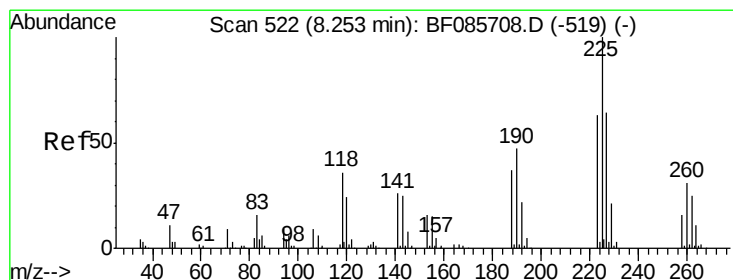
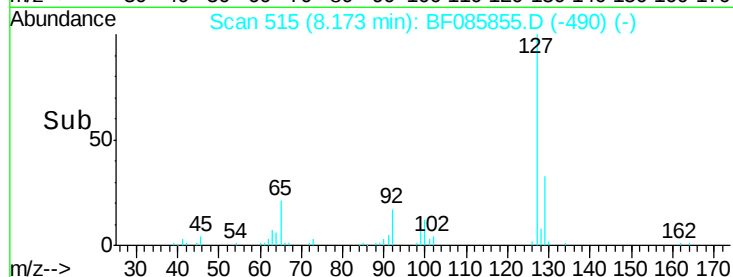
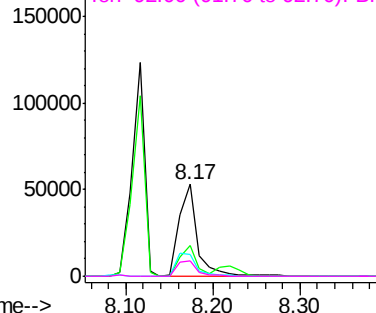
#33
4-Chloroaniline
Concen: 8.06 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:	127	Resp:	78314
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	24.3	19.5	29.3
92	17.1	14.6	22.0

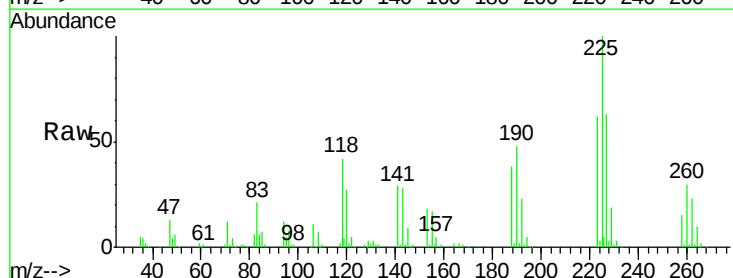


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

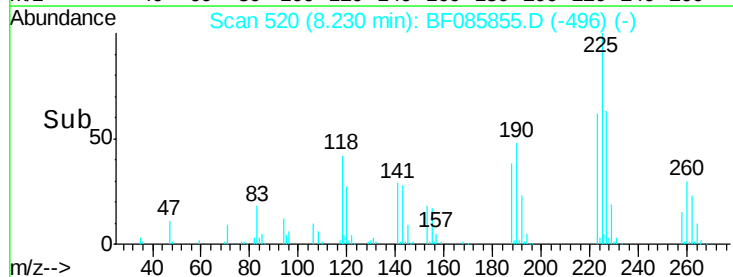
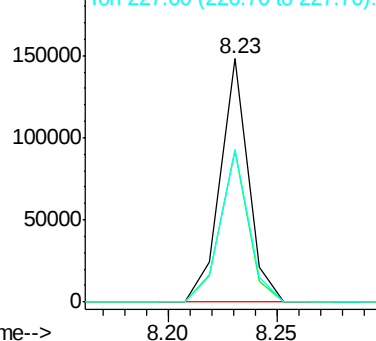


#34
Hexachlorobutadiene
Concen: 34.74 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:	225	Resp:	133233
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	62.6	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

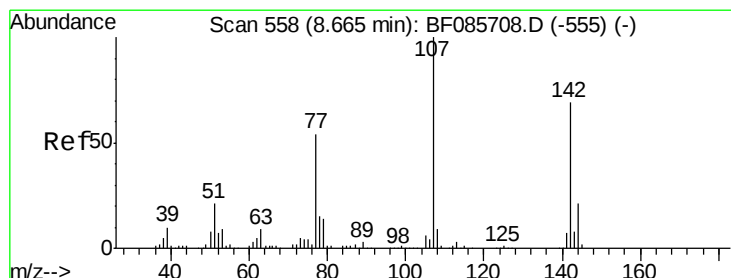
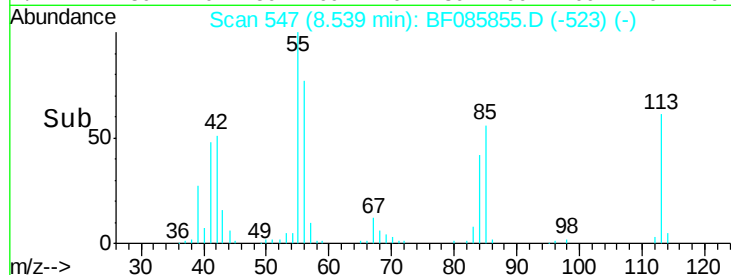
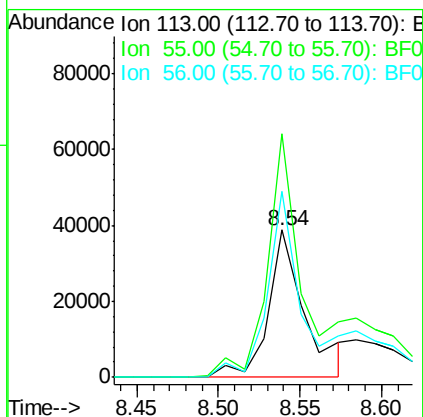
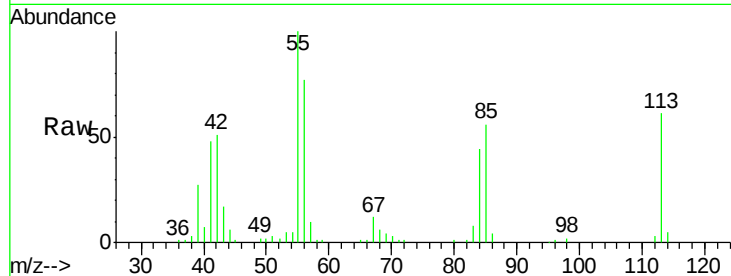




#35
 Caprolactam
 Concen: 26.95 ng
 RT: 8.54 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

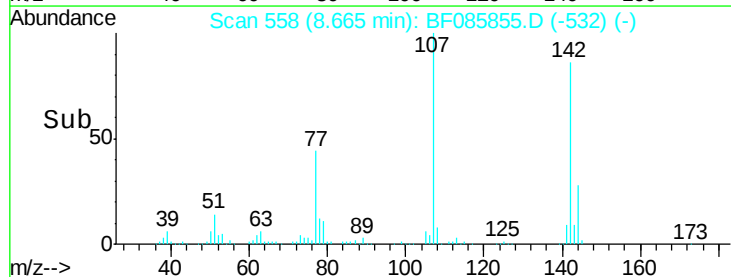
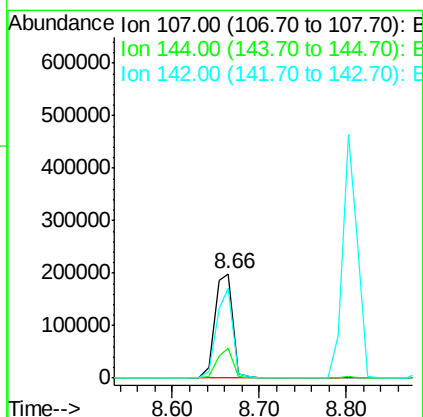
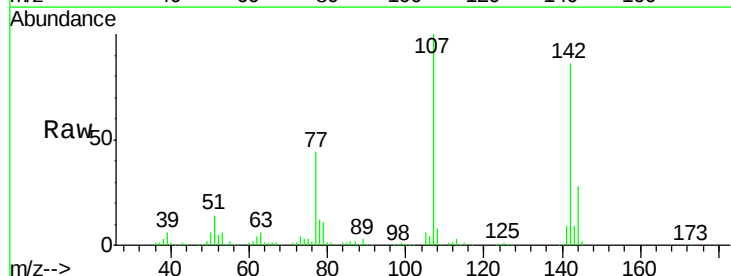
Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

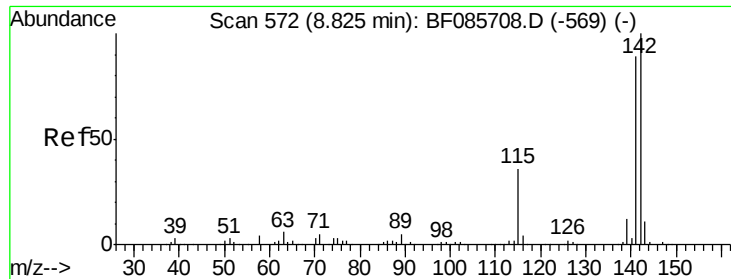
Tgt Ion:113 Resp: 60680
 Ion Ratio Lower Upper
 113 100
 55 165.1 139.4 179.4
 56 126.3 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.03 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:107 Resp: 289802
 Ion Ratio Lower Upper
 107 100
 144 28.3 19.3 28.9
 142 86.1 61.4 92.0

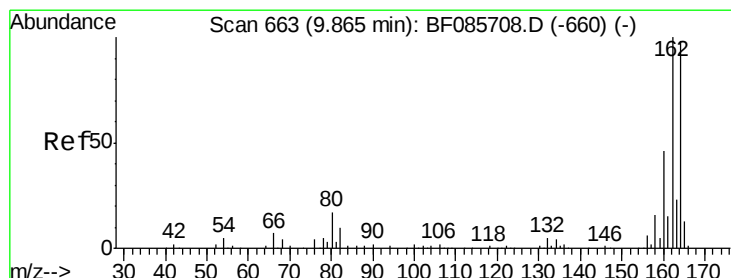
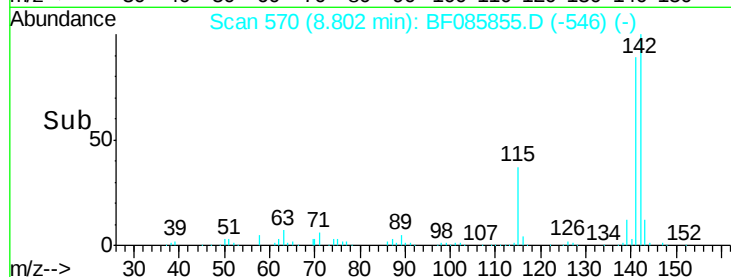
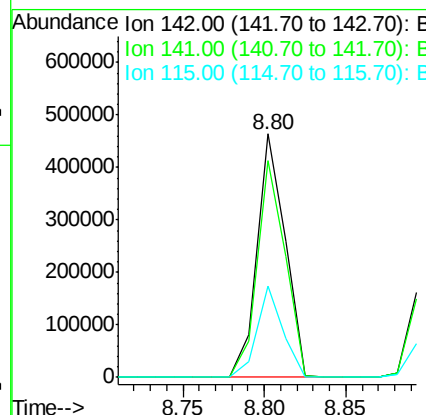
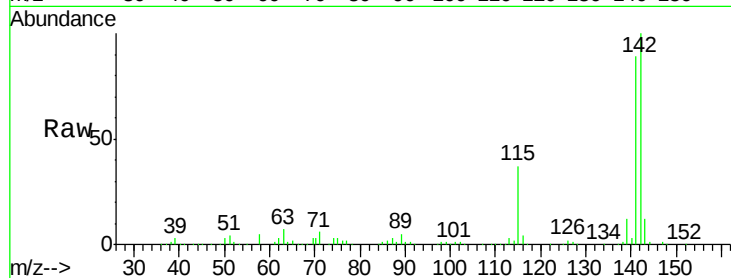




#37
 2-Methylnaphthalene
 Concen: 38.60 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

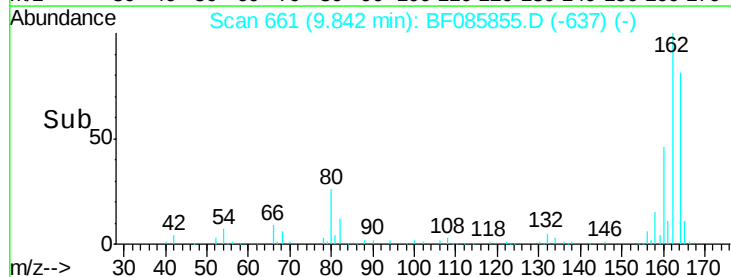
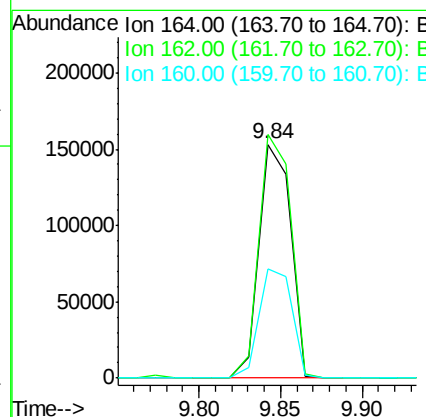
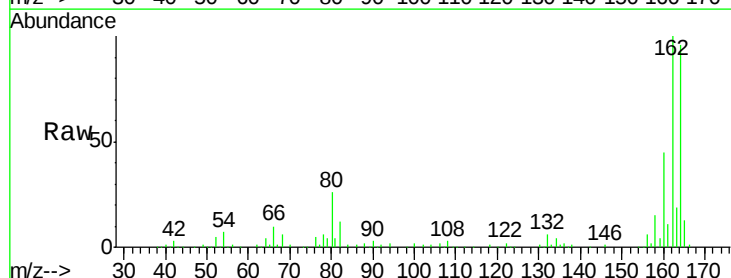
Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

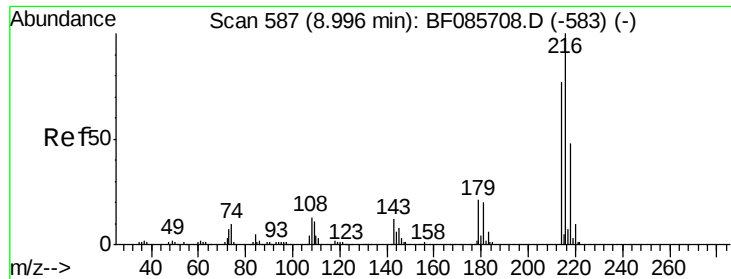
Tgt Ion:142 Resp: 554485
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.6 107.4
 115 37.5 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:164 Resp: 207491
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.1 123.1
 160 47.0 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.99 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

Tgt Ion:216 Resp: 233753

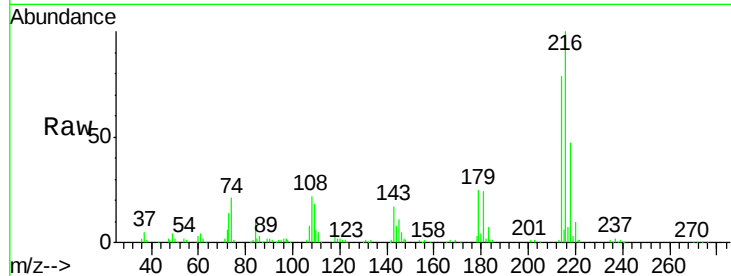
Ion Ratio Lower Upper

216 100

214 78.8 63.1 94.7

179 23.7 18.2 27.2

108 24.4 17.3 25.9

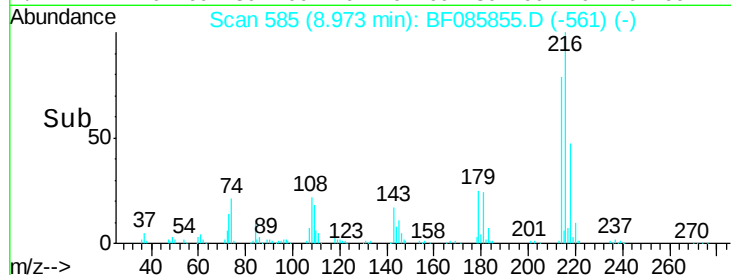


Abundance Ion 216.00 (215.70 to 216.70): E

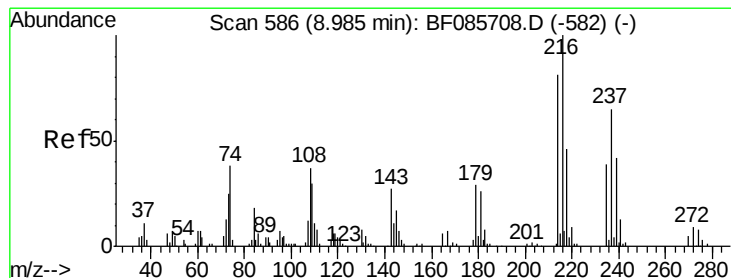
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 75.55 ng

RT: 8.96 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

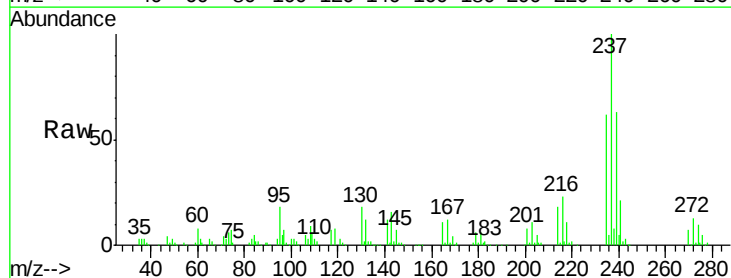
Tgt Ion:237 Resp: 192254

Ion Ratio Lower Upper

237 100

235 62.5 43.7 83.7

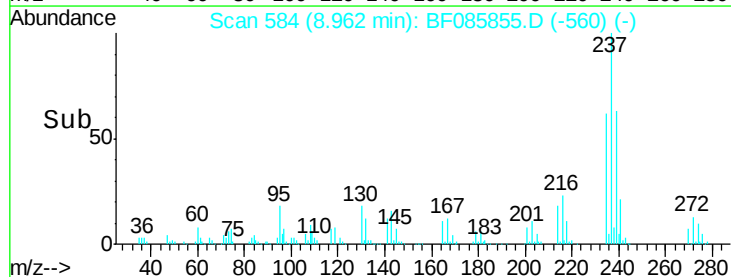
272 13.0 0.0 31.9



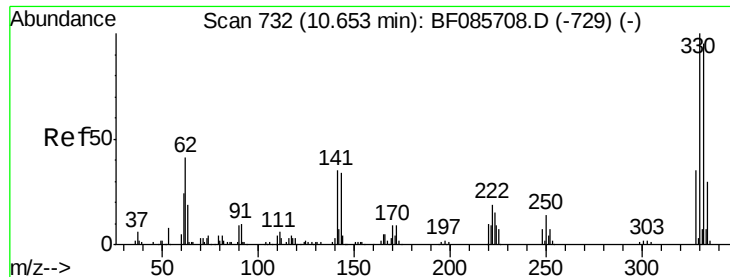
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



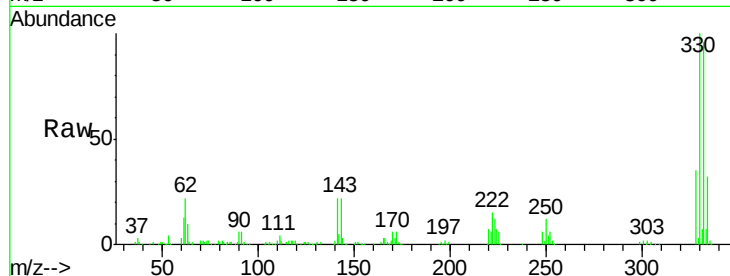
Time-->



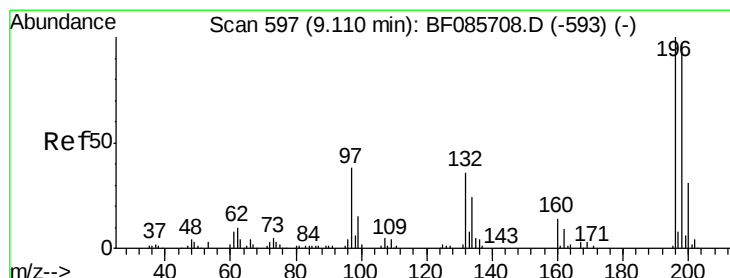
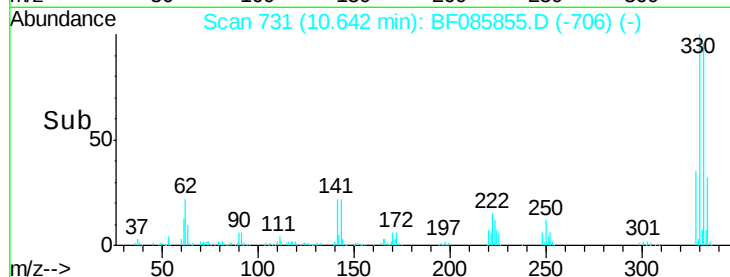
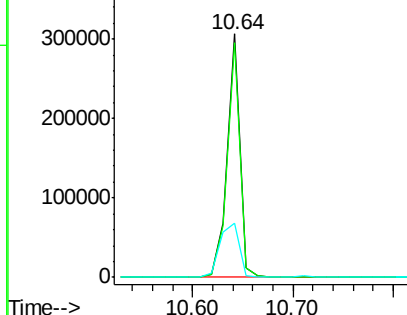
#41
 2,4,6-Tribromophenol
 Concen: 137.61 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion:330 Resp: 271279
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 34.1 31.5 47.3

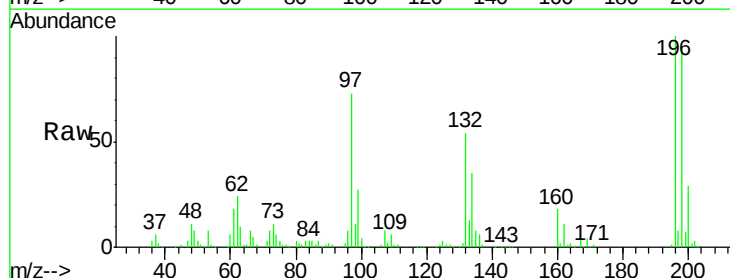


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

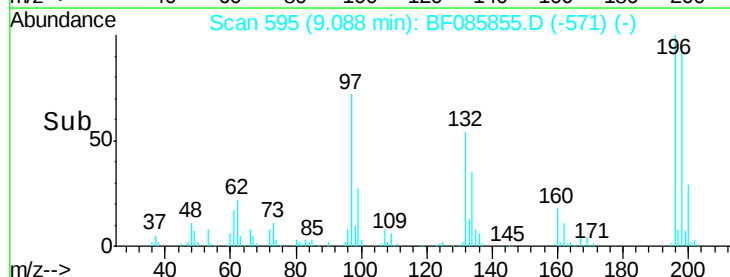
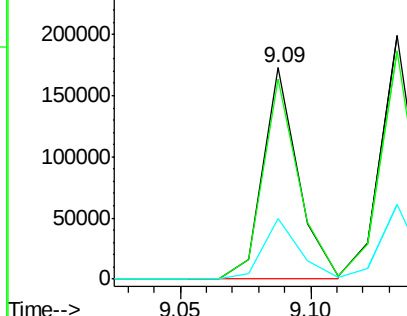


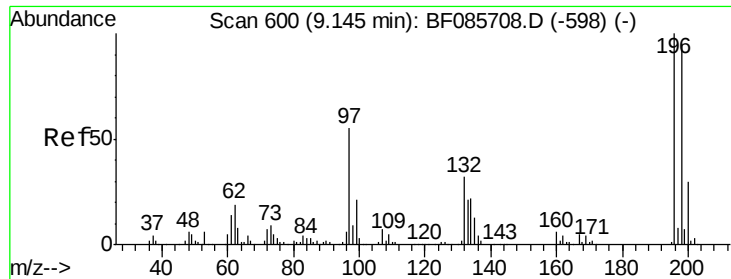
#42
 2,4,6-Trichlorophenol
 Concen: 39.09 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:196 Resp: 162428
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.3 112.9
 200 28.8 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

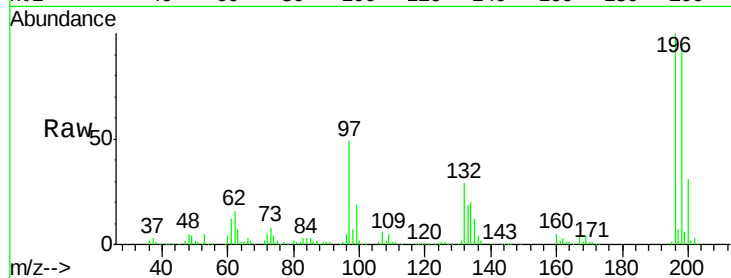




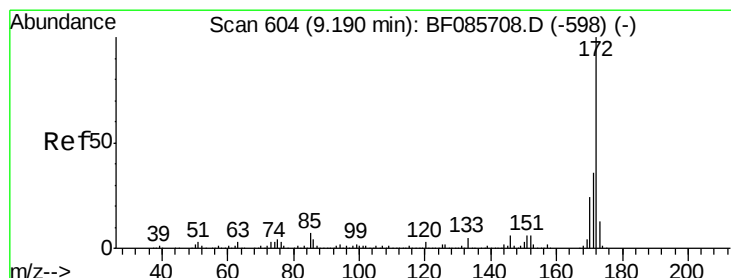
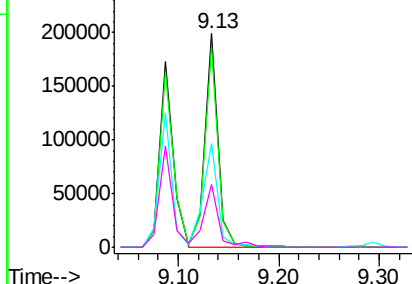
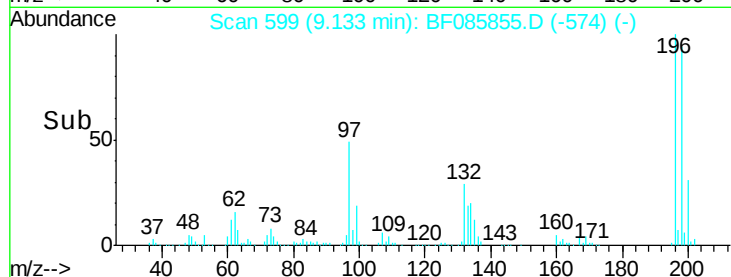
#43
 2,4,5-Trichlorophenol
 Concen: 41.03 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion:196 Resp: 178814
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.6 114.8
 97 48.7 30.5 45.7#
 132 29.5 20.2 30.2

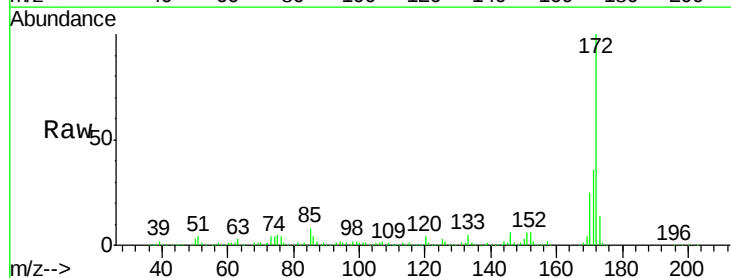


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

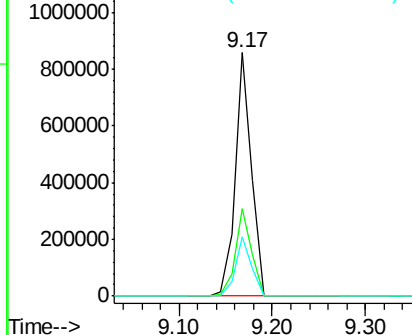
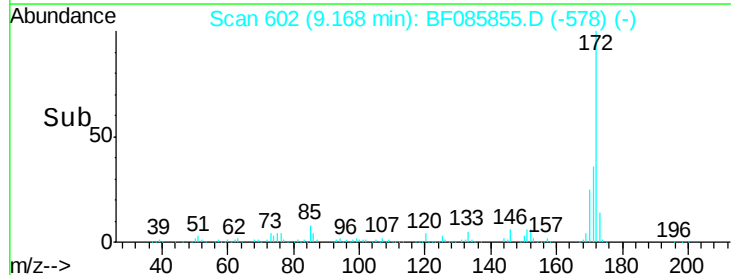


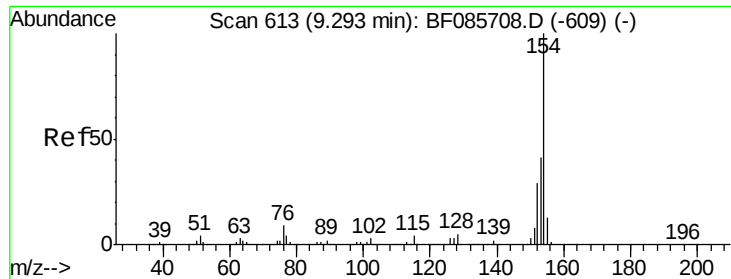
#44
 2-Fluorobiphenyl
 Concen: 82.92 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:172 Resp: 1029805
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.5 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: 38.15 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

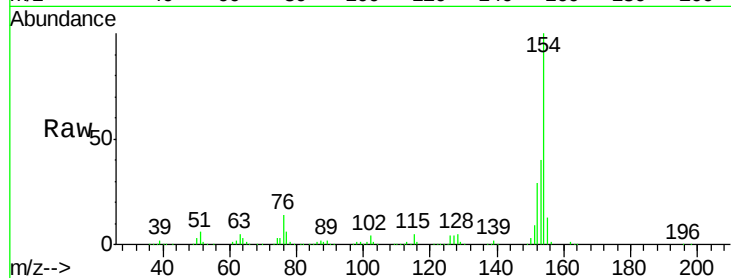
Tgt Ion:154 Resp: 667903

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

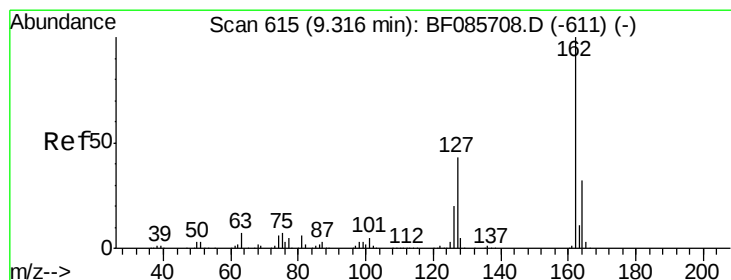
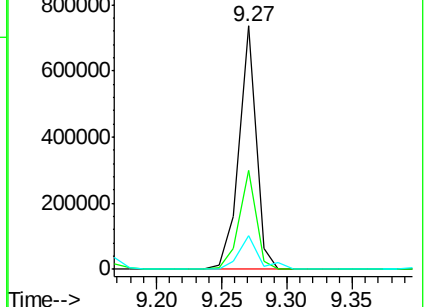
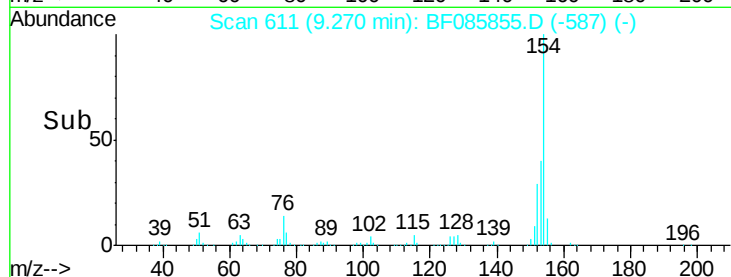
76 13.6 0.0 36.7



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: 38.72 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

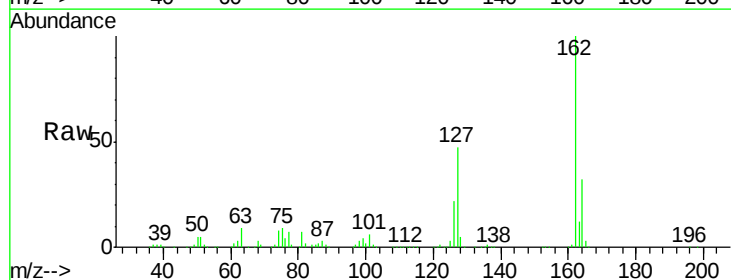
Tgt Ion:162 Resp: 498519

Ion Ratio Lower Upper

162 100

127 47.2 31.7 47.5

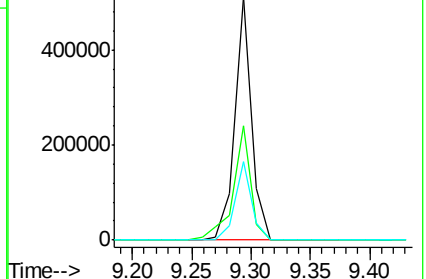
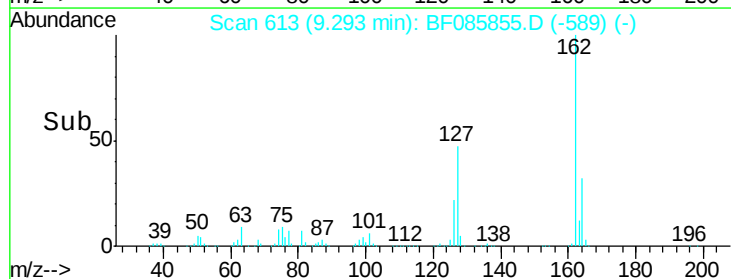
164 32.5 27.3 40.9

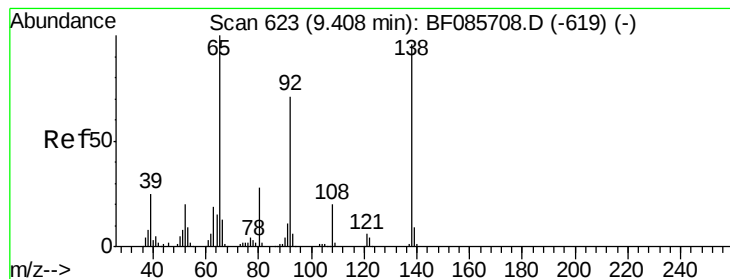


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.81 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

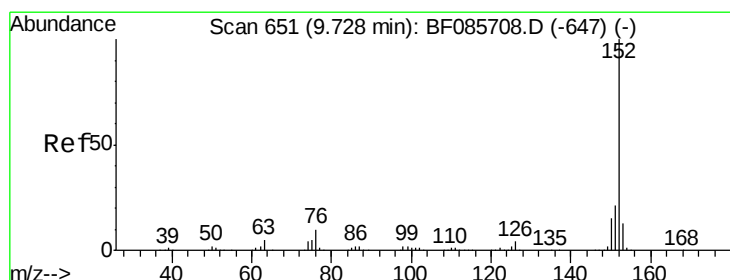
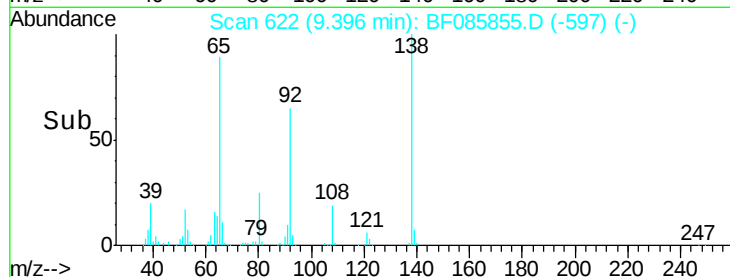
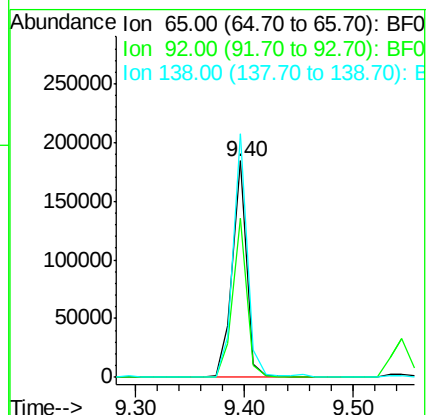
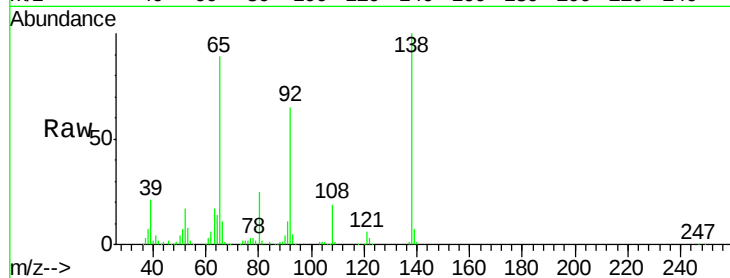
Tgt Ion: 65 Resp: 168530

Ion Ratio Lower Upper

65 100

92 73.4 59.7 89.5

138 112.5 91.4 137.0



#48

Acenaphthylene

Concen: 39.13 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

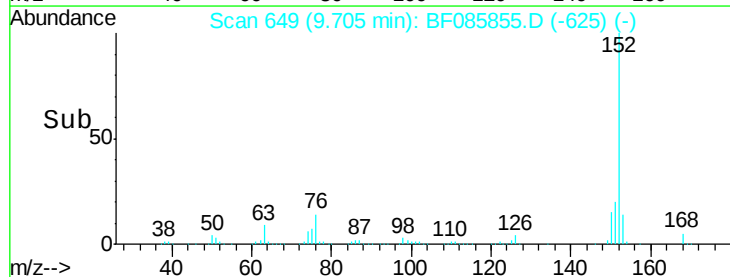
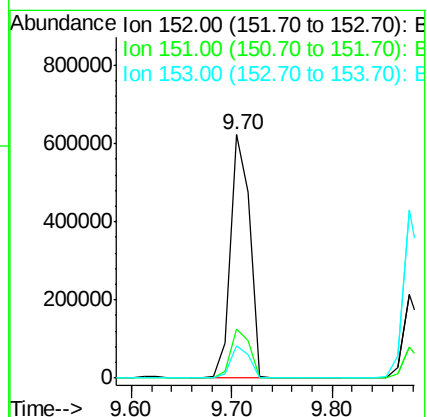
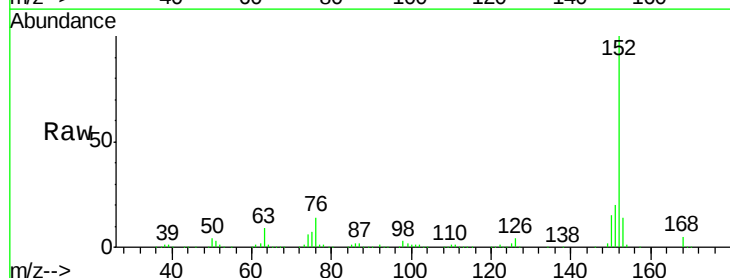
Tgt Ion: 152 Resp: 820898

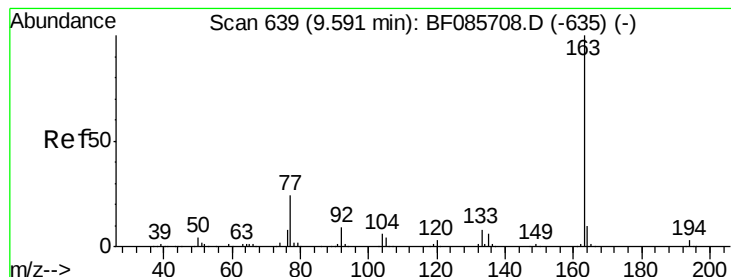
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 41.54 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

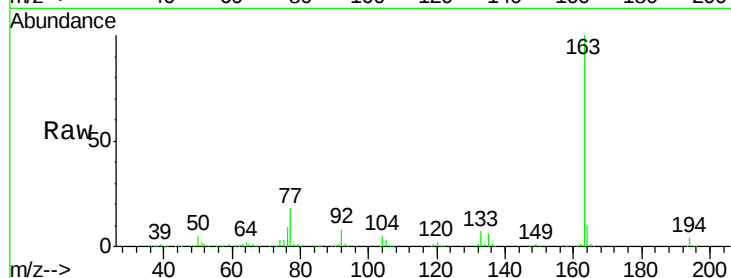
Tgt Ion:163 Resp: 653913

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

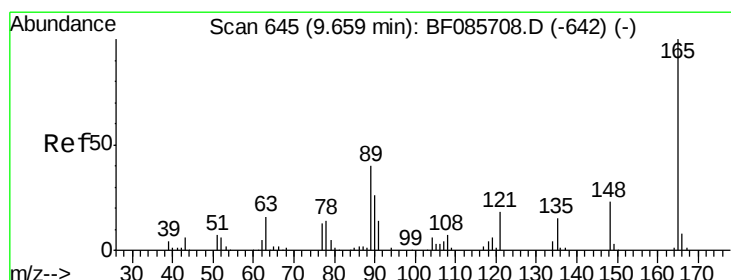
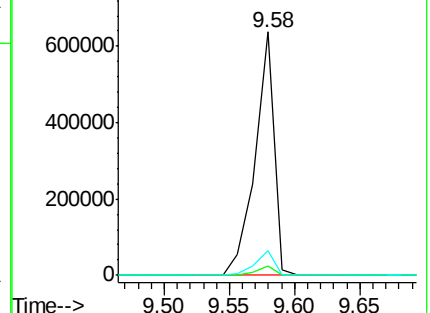
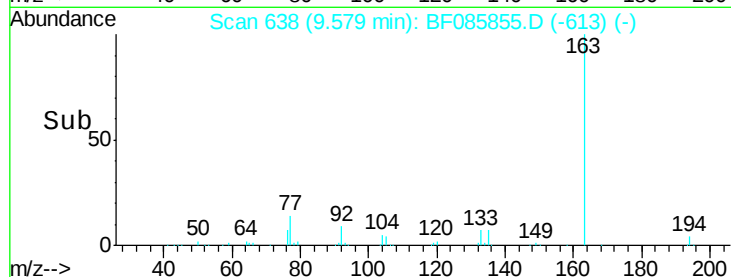
164 10.1 8.3 12.5



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: 37.11 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

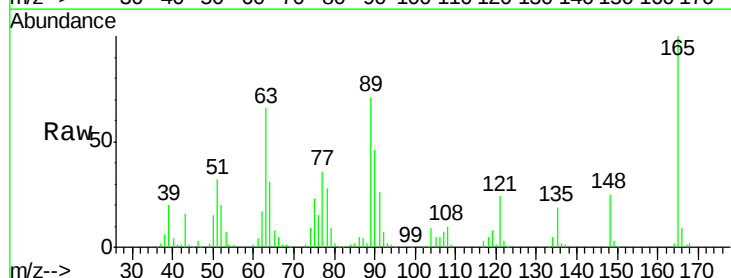
Tgt Ion:165 Resp: 125737

Ion Ratio Lower Upper

165 100

63 65.9 51.8 77.8

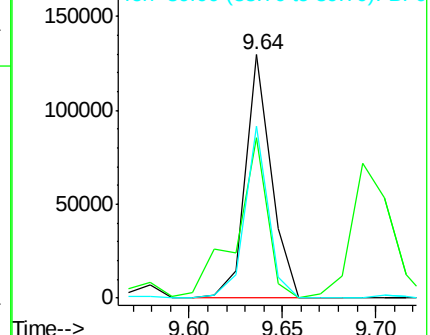
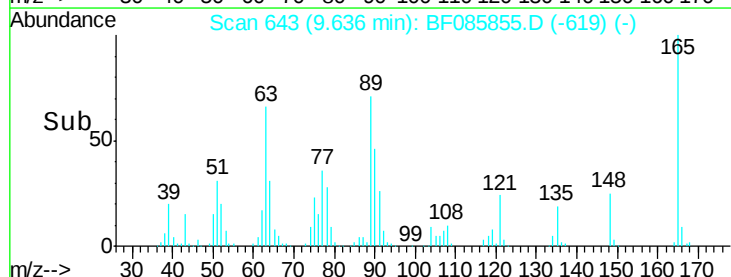
89 70.7 53.7 80.5

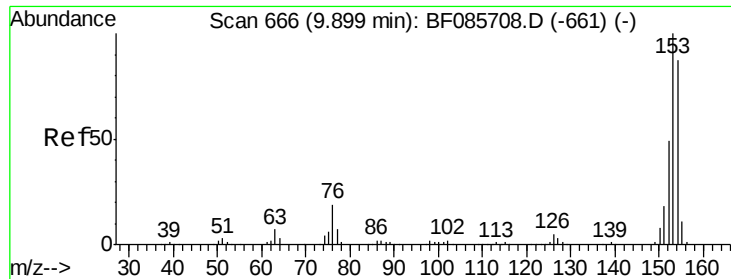


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.01 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

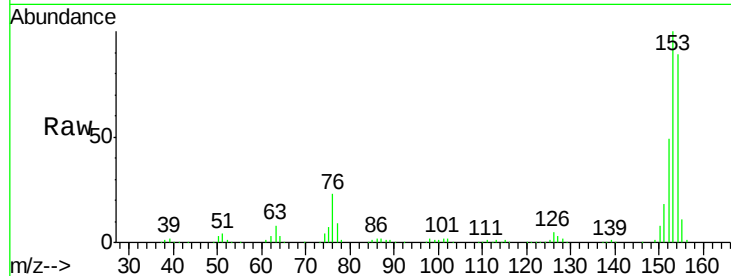
Tgt Ion:154 Resp: 487009

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

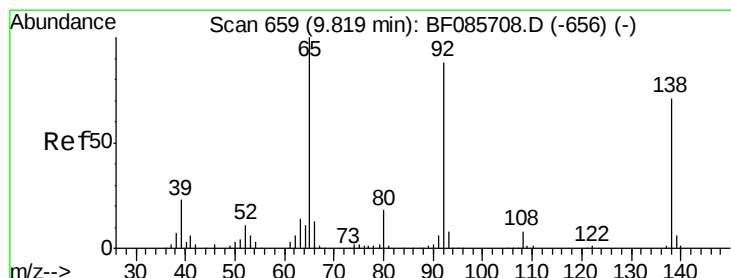
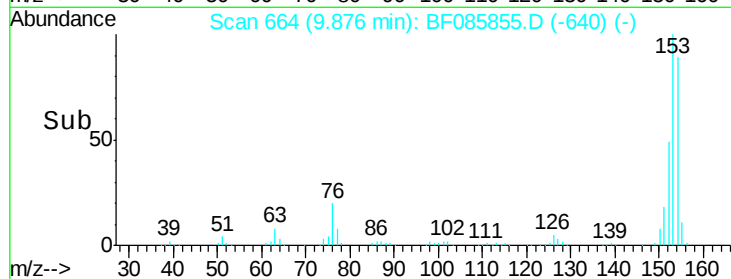
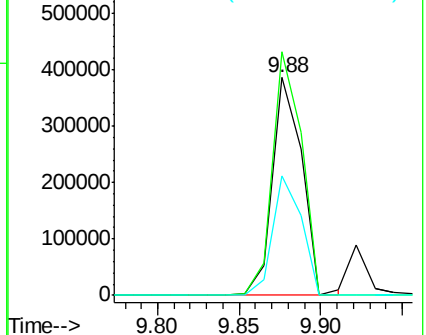
152 55.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.28 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

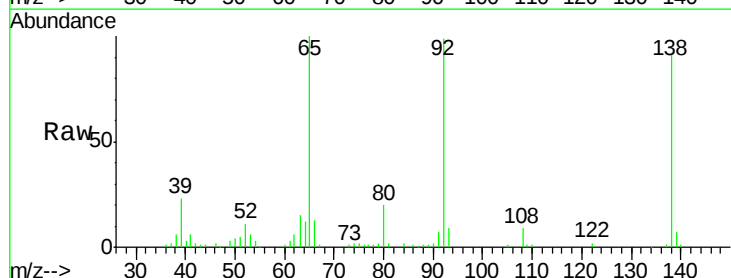
Tgt Ion:138 Resp: 59247

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

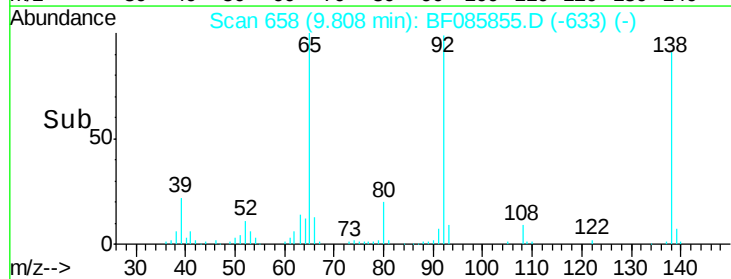
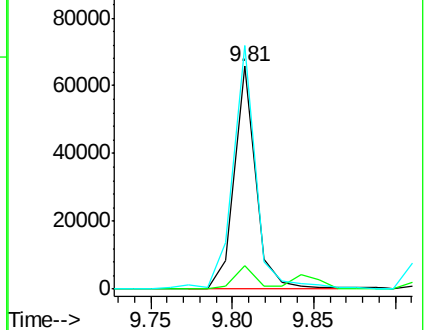
92 109.2 93.3 139.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

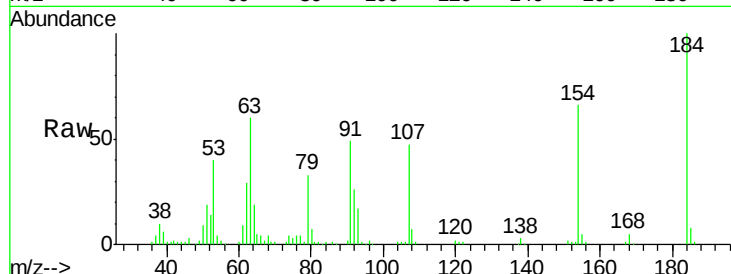




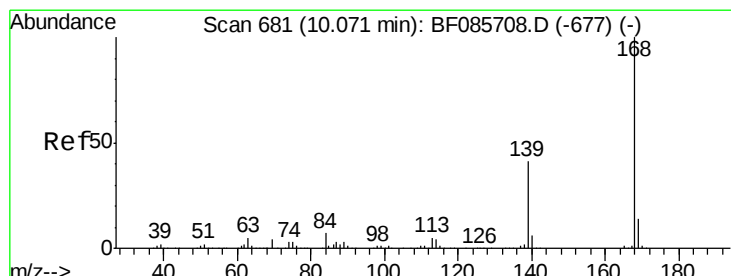
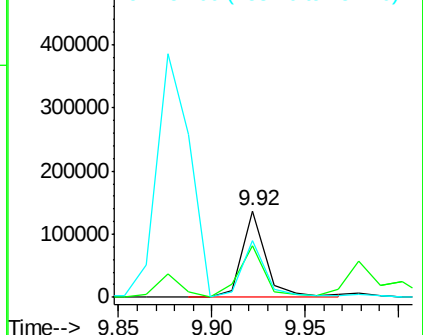
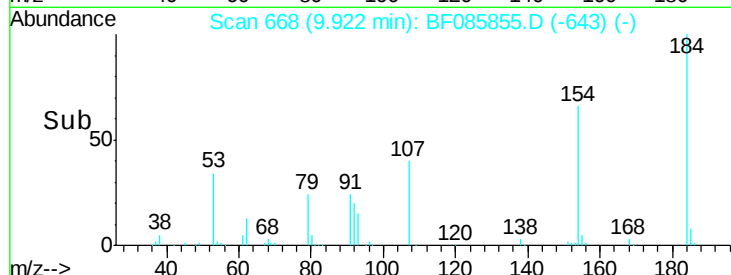
#53
2,4-Dinitrophenol
Concen: 72.47 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampled :
PB89295BS

Tgt Ion:184 Resp: 123017
Ion Ratio Lower Upper
184 100
63 59.6 69.5 104.3#
154 66.0 58.3 87.5

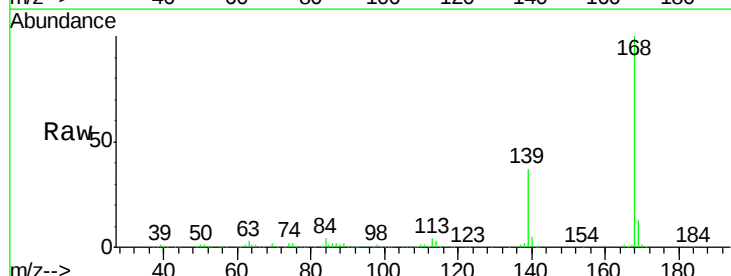


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

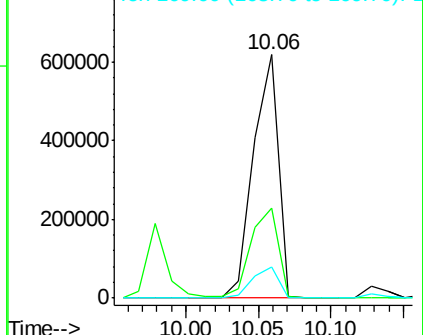
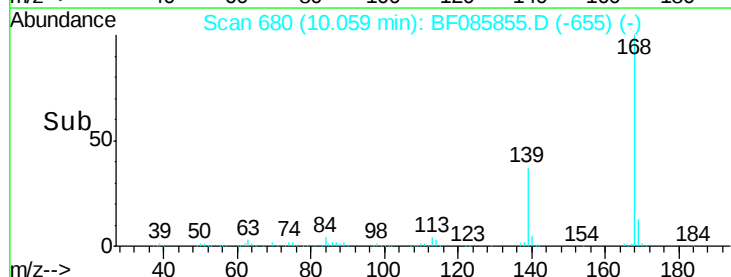


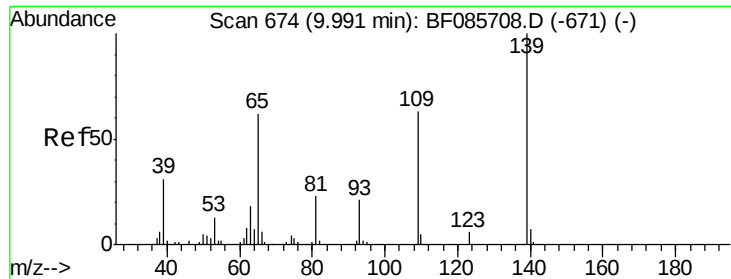
#54
Dibenzofuran
Concen: 44.60 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:168 Resp: 739713
Ion Ratio Lower Upper
168 100
139 37.0 31.9 47.9
169 13.0 11.0 16.6



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

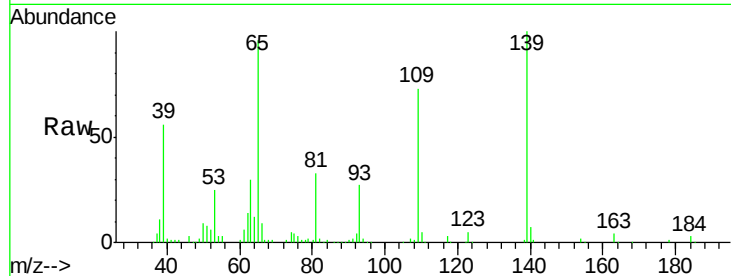




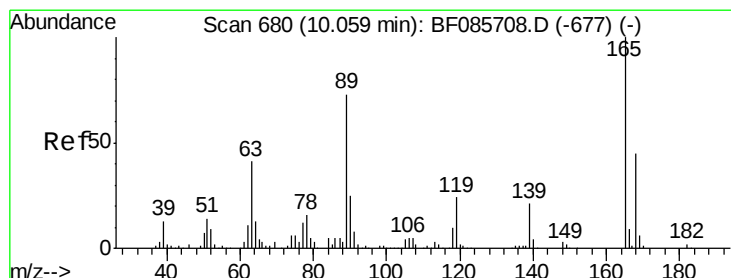
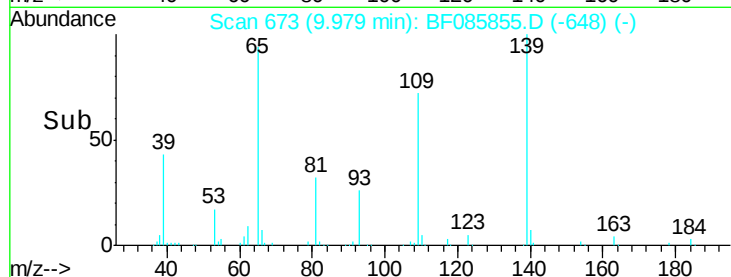
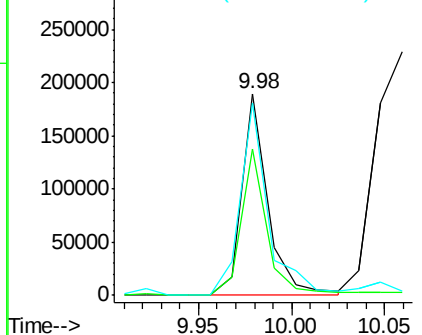
#55
4-Nitrophenol
Concen: 73.76 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:139 Resp: 186368
Ion Ratio Lower Upper
139 100
109 72.6 49.2 89.2
65 95.8 66.9 106.9

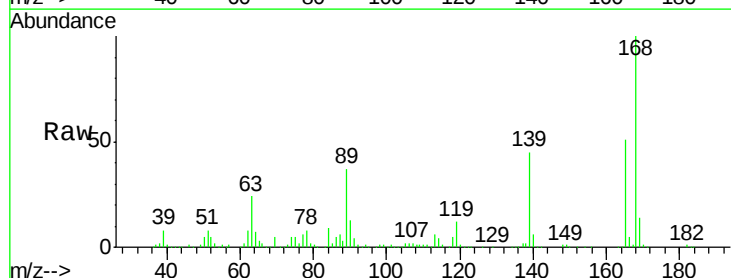


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

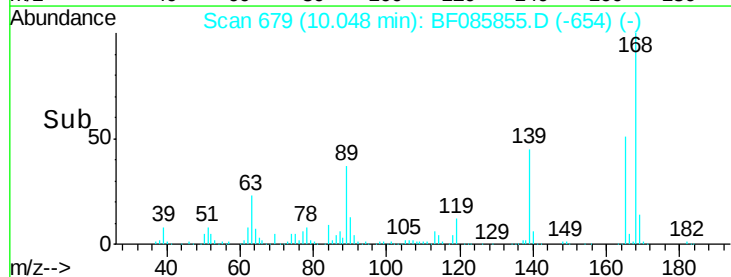
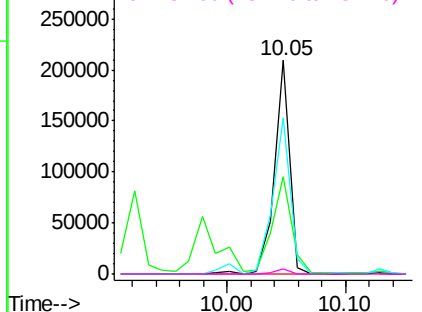


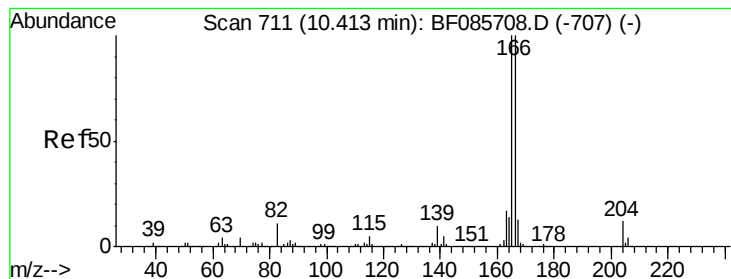
#56
2,4-Dinitrotoluene
Concen: 43.78 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:165 Resp: 188555
Ion Ratio Lower Upper
165 100
63 45.8 24.9 37.3#
89 72.9 41.0 61.6#
182 2.7 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.40 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

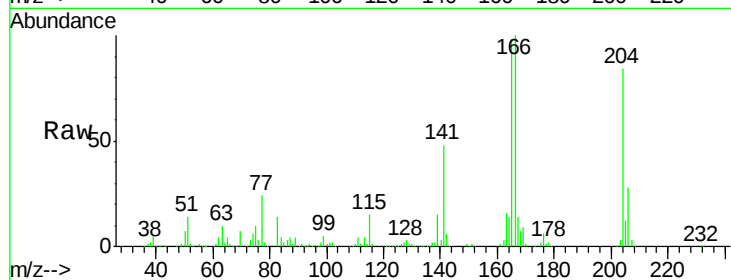
Tgt Ion:166 Resp: 543121

Ion Ratio Lower Upper

166 100

165 98.2 79.4 119.0

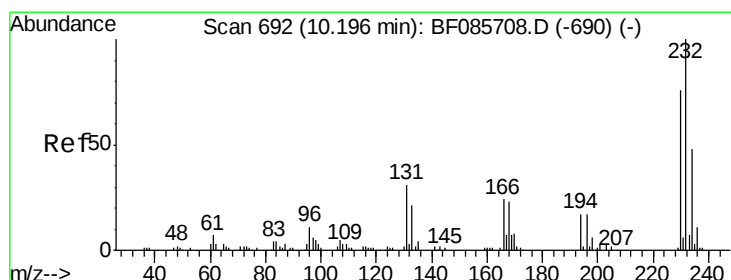
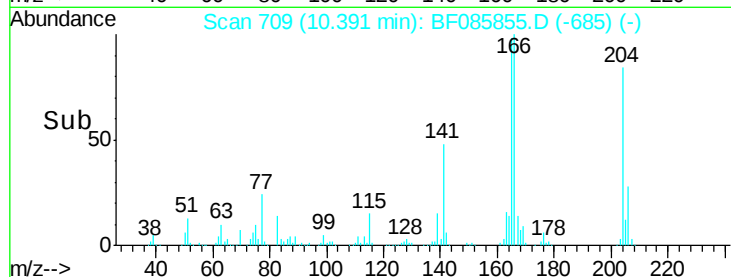
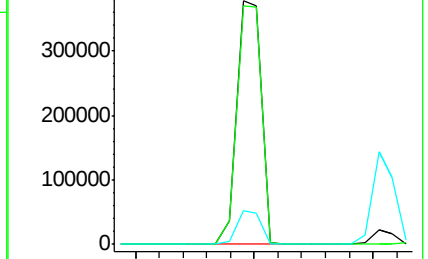
167 13.8 11.0 16.4



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: 42.26 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion:232 Resp: 127993

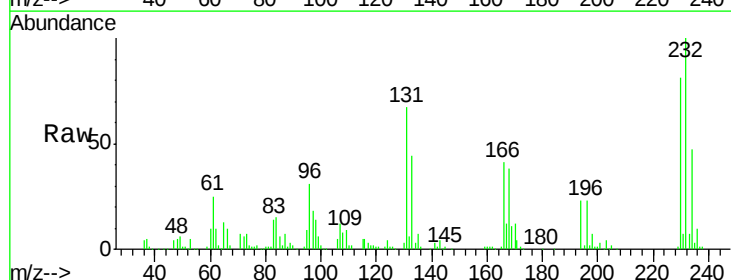
Ion Ratio Lower Upper

232 100

131 58.0 44.9 67.3

130 2.8 2.3 3.5

166 35.4 28.1 42.1

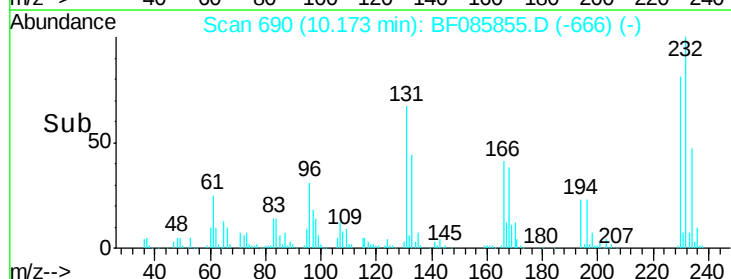
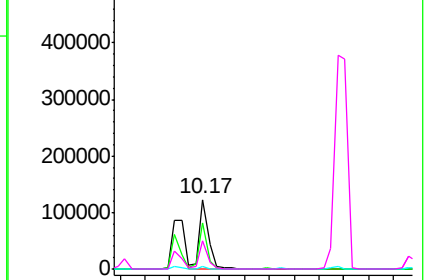


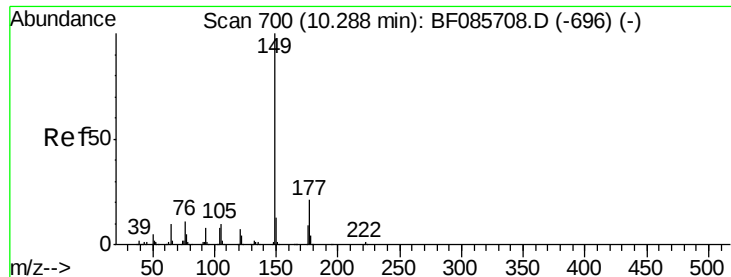
Abundance Ion 232.00 (231.70 to 232.70): E

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

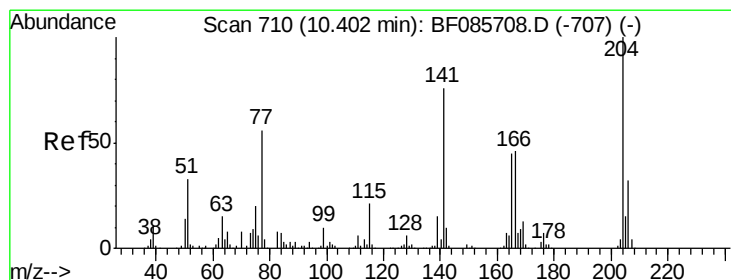
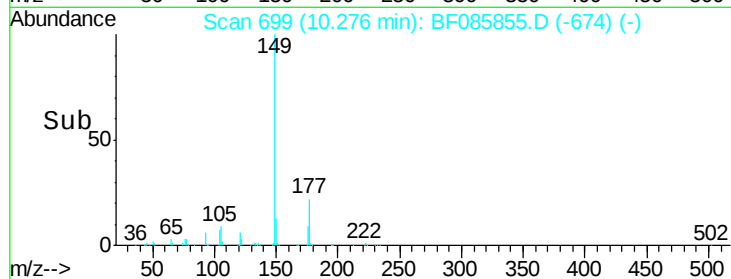
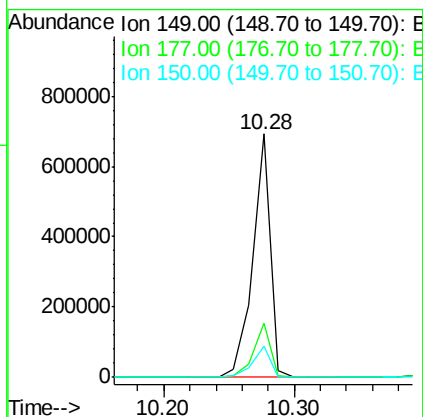
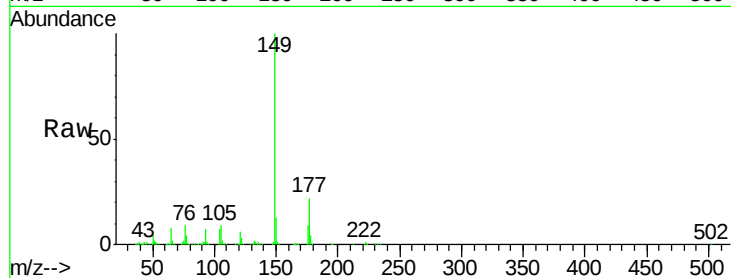




#59
Diethylphthalate
Concen: 41.59 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

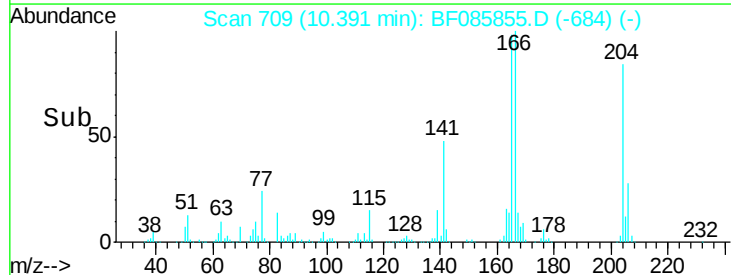
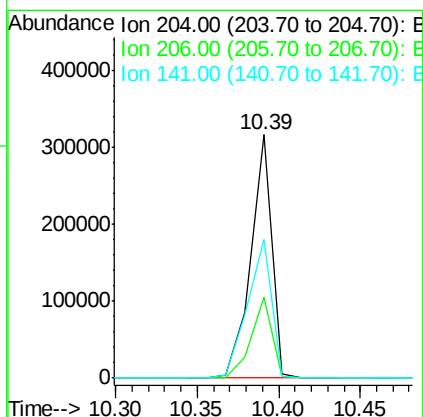
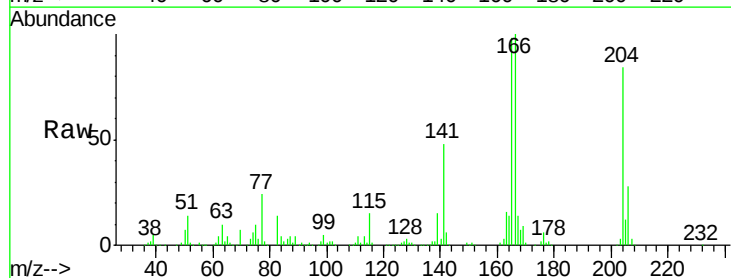
Instrument :
BNA_F
ClientSampleId :
PB89295BS

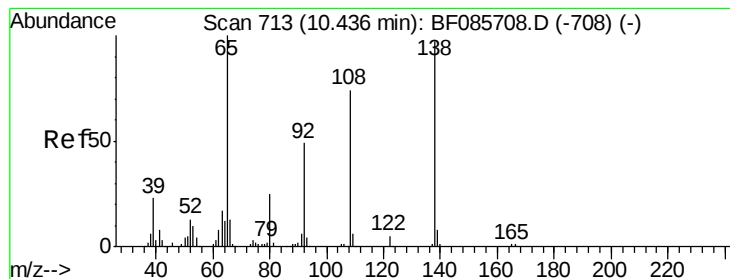
Tgt Ion:149 Resp: 646882
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.75 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:204 Resp: 281408
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 56.8 57.4 86.0#





#61

4-Nitroaniline

Concen: 41.38 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

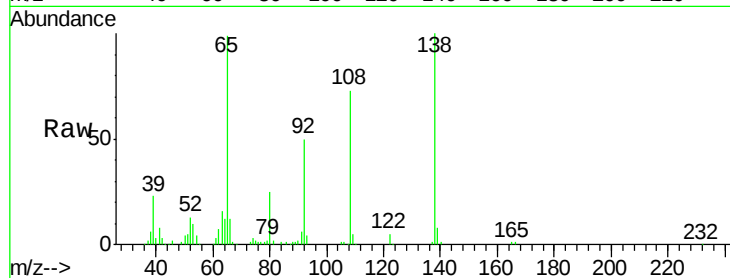
Tgt Ion:138 Resp: 153506

Ion Ratio Lower Upper

138 100

92 49.7 26.4 66.4

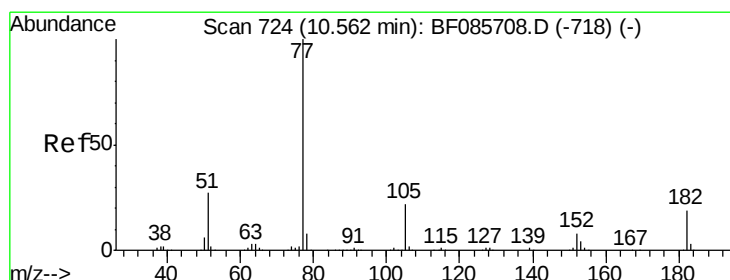
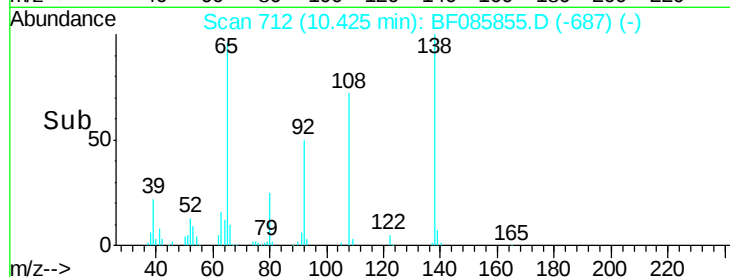
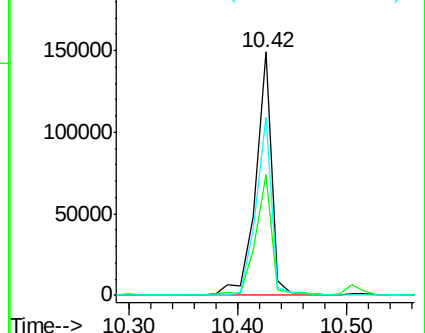
108 73.1 49.0 89.0



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: 46.35 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Tgt Ion: 77 Resp: 692779

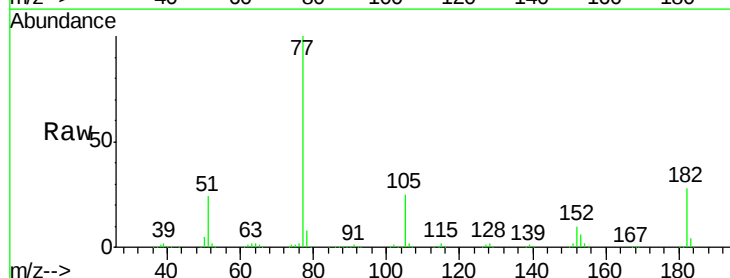
Ion Ratio Lower Upper

77 100

182 27.5 1.9 41.9

105 24.8 3.5 43.5

51 24.5 6.3 46.3

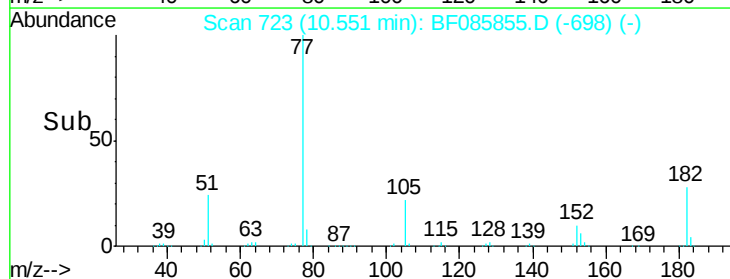
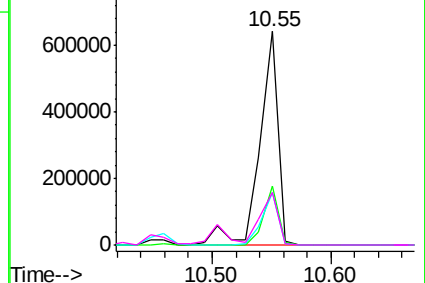


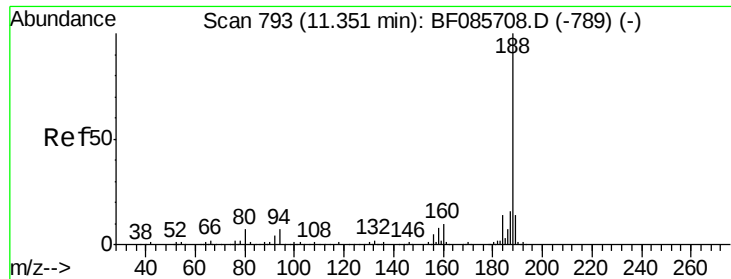
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

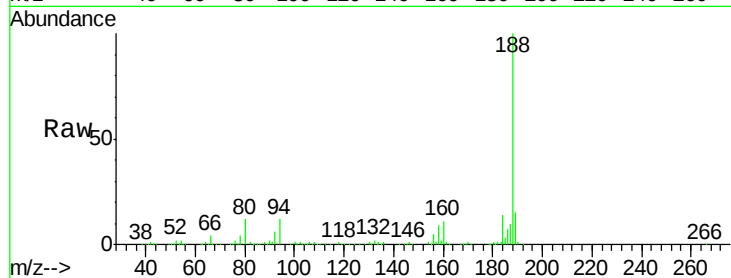




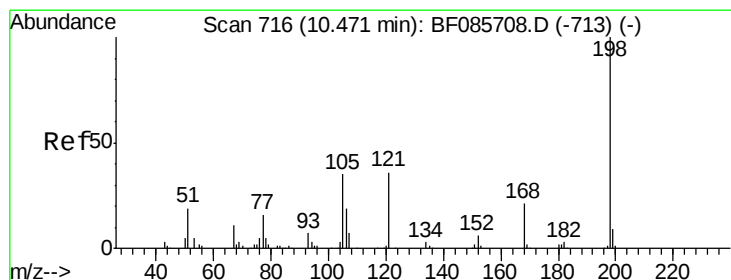
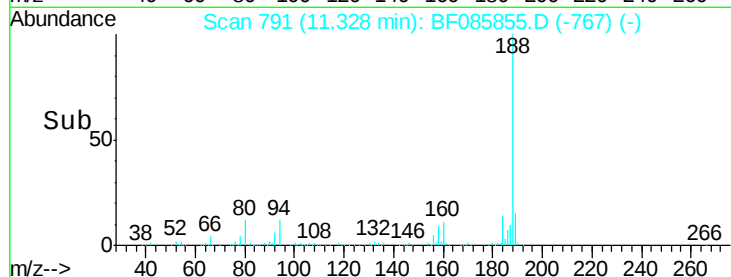
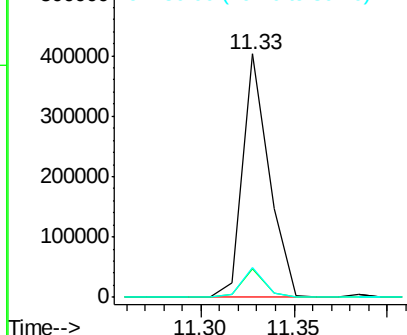
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:188 Resp: 396350
Ion Ratio Lower Upper
188 100
94 11.6 5.4 8.0#
80 12.4 5.5 8.3#

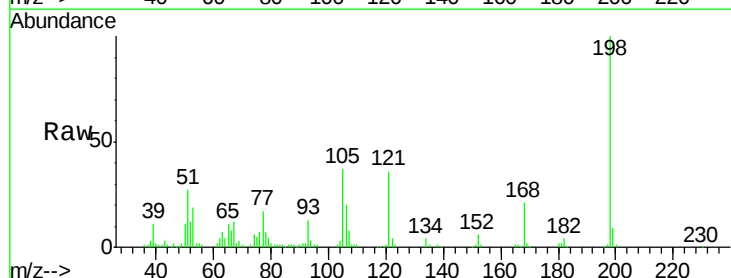


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

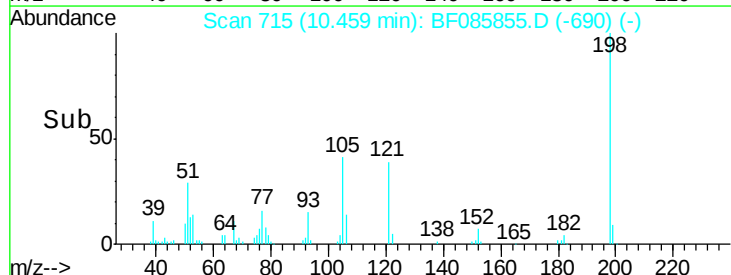
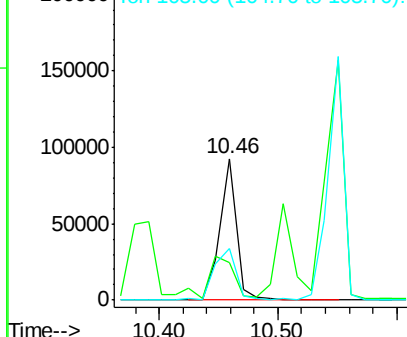


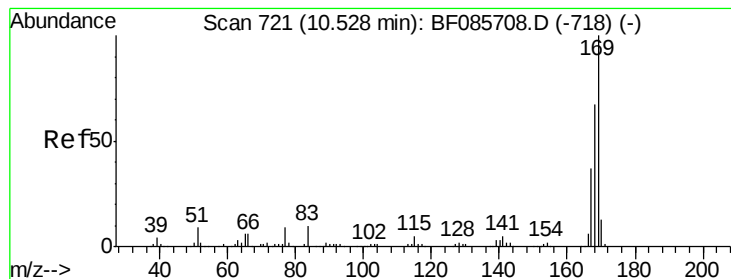
#64
4,6-Dinitro-2-methylphenol
Concen: 38.53 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:198 Resp: 89441
Ion Ratio Lower Upper
198 100
51 26.7 45.4 85.4#
105 37.0 45.9 85.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.56 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

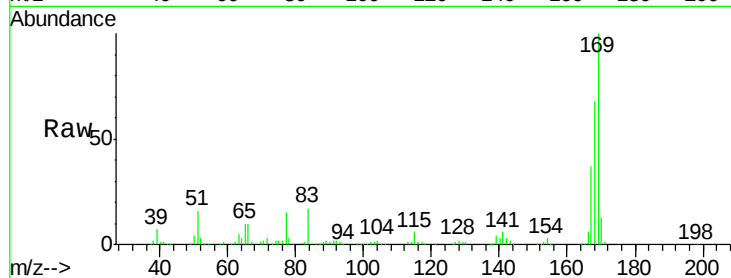
Tgt Ion:169 Resp: 496616

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

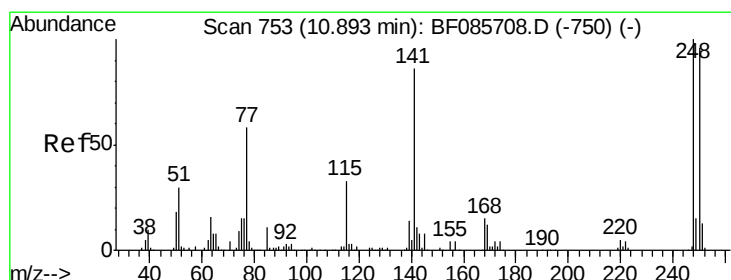
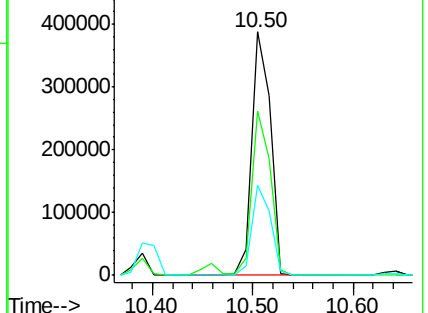
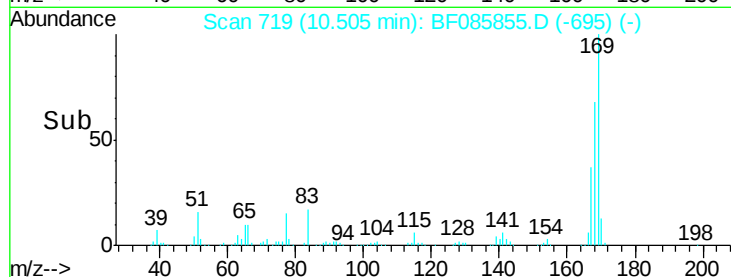
167 36.9 29.4 44.0



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: 39.32 ng

RT: 10.88 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

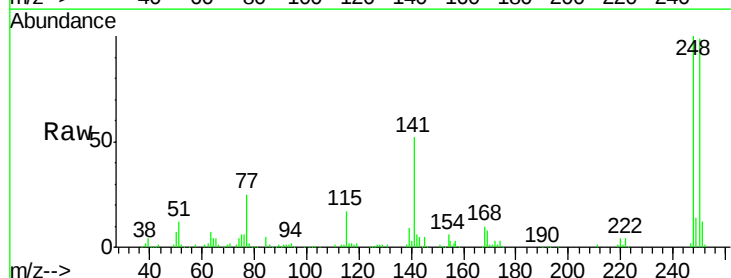
Tgt Ion:248 Resp: 159454

Ion Ratio Lower Upper

248 100

250 98.6 77.4 116.0

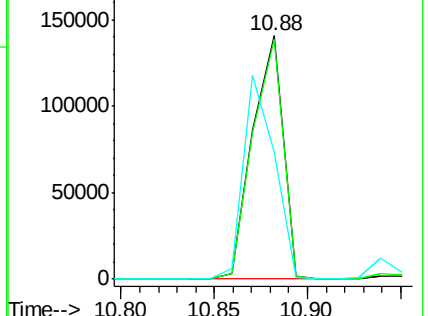
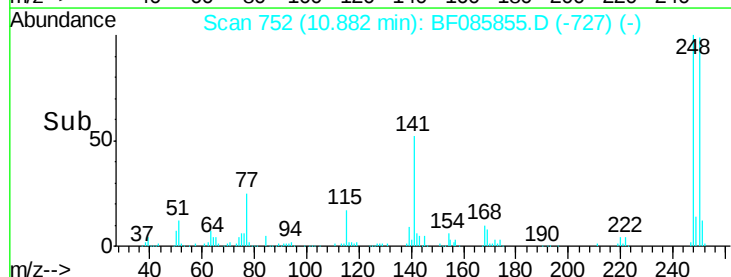
141 52.4 63.6 95.4#

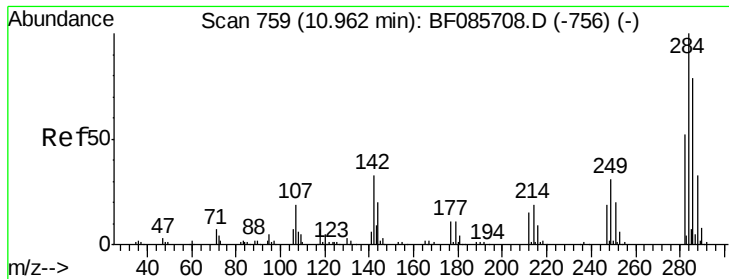


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.15 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

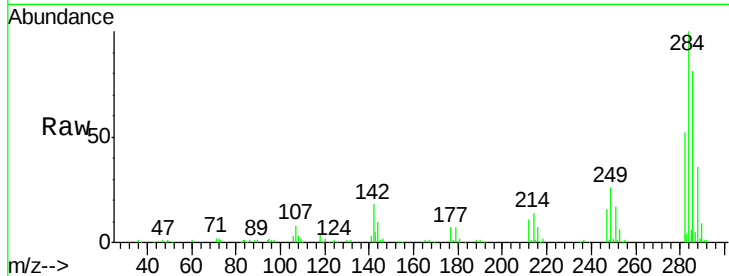
Tgt Ion:284 Resp: 166013

Ion Ratio Lower Upper

284 100

142 17.7 23.1 34.7#

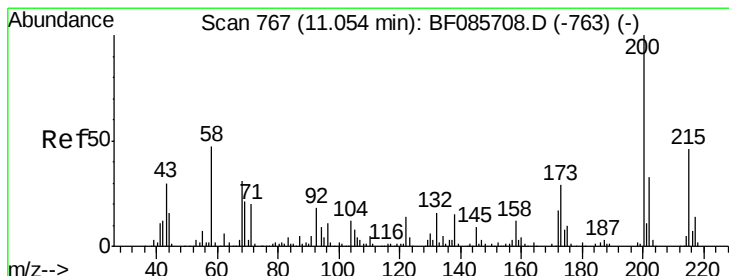
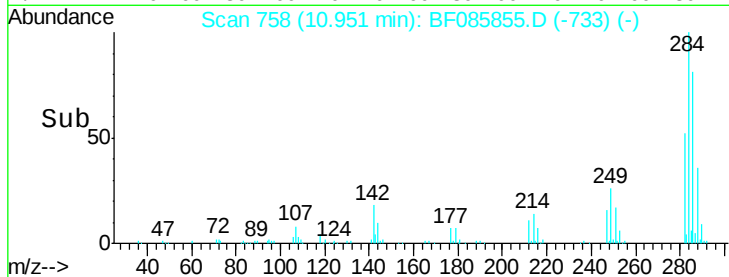
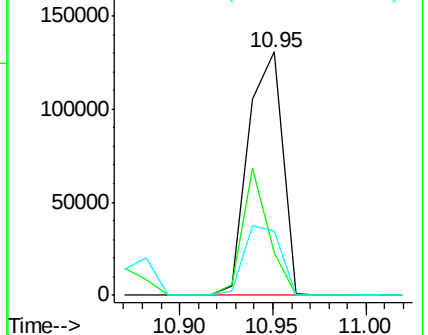
249 26.5 24.2 36.2



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: 42.78 ng

RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

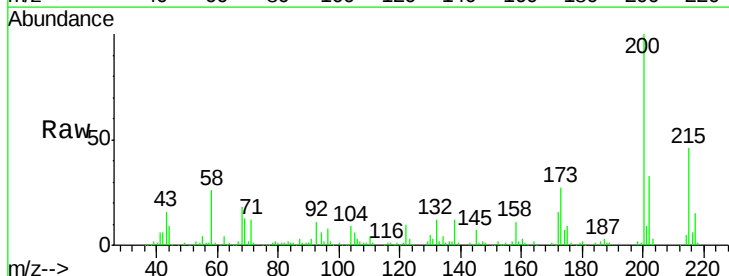
Tgt Ion:200 Resp: 181312

Ion Ratio Lower Upper

200 100

173 27.3 7.7 47.7

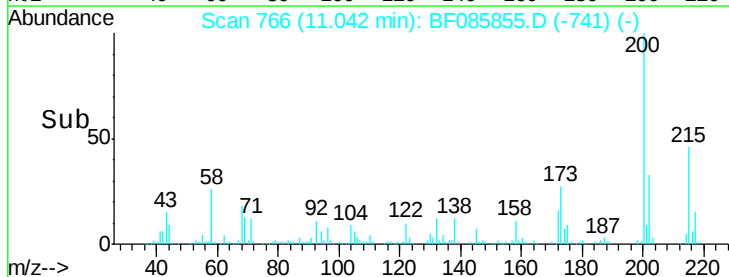
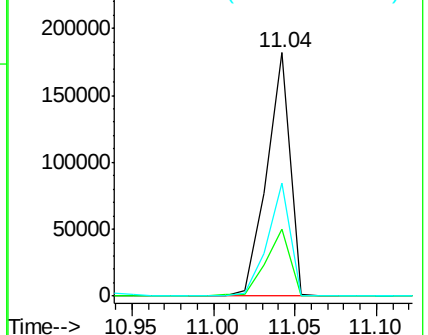
215 46.3 25.4 65.4

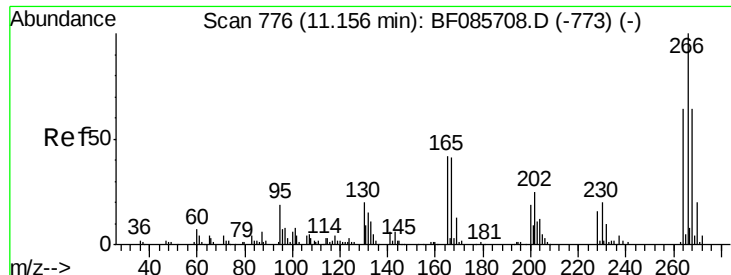


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

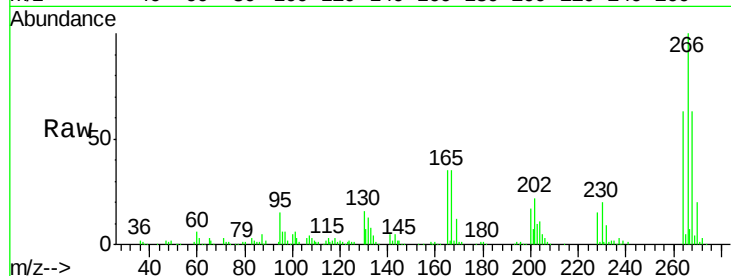




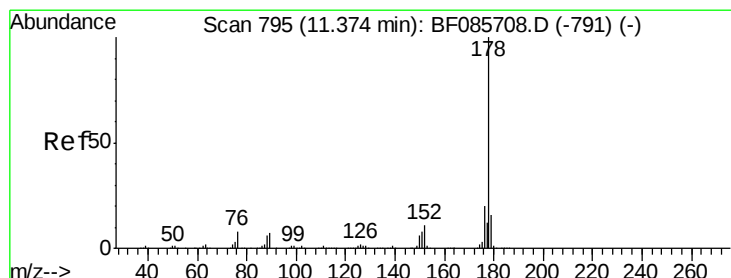
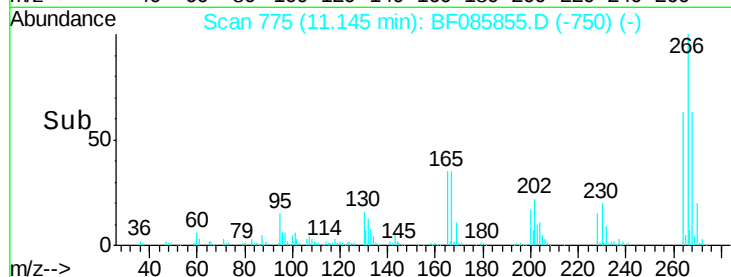
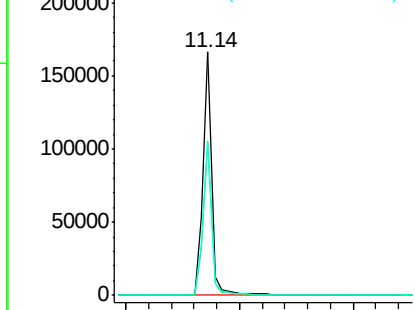
#69
 Pentachlorophenol
 Concen: 82.25 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion:266 Resp: 171241
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 62.6 50.6 76.0

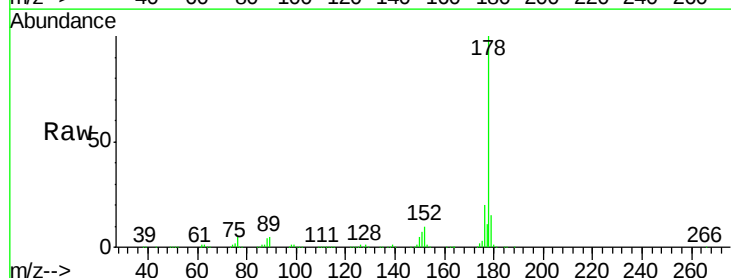


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

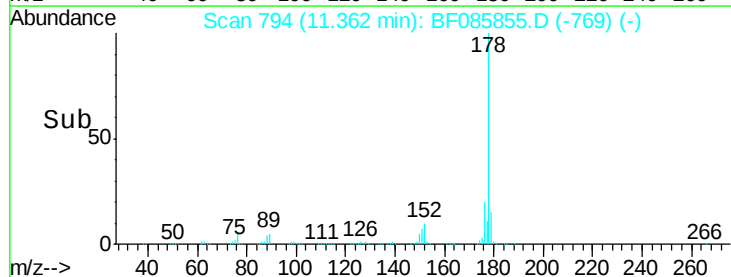
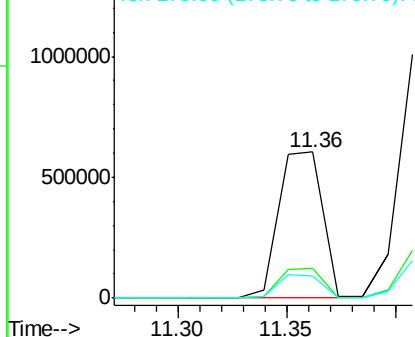


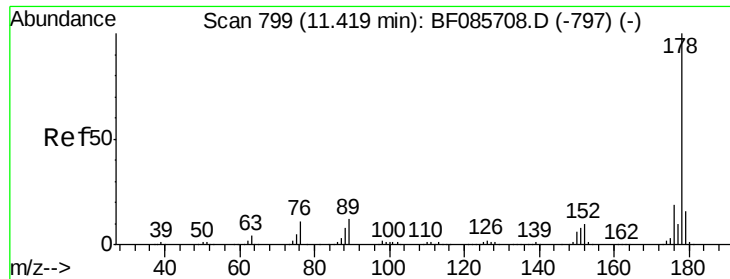
#70
 Phenanthrene
 Concen: 41.71 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:178 Resp: 848942
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 14.9 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

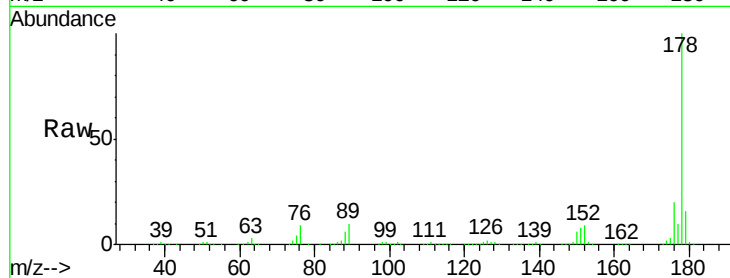




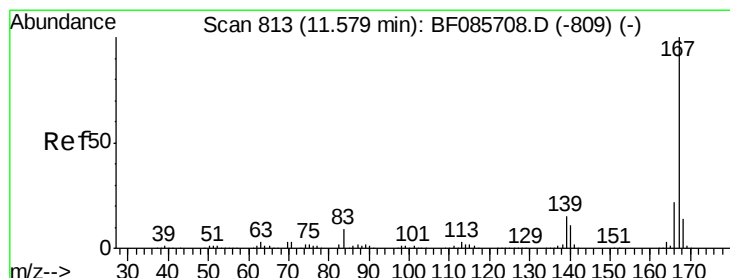
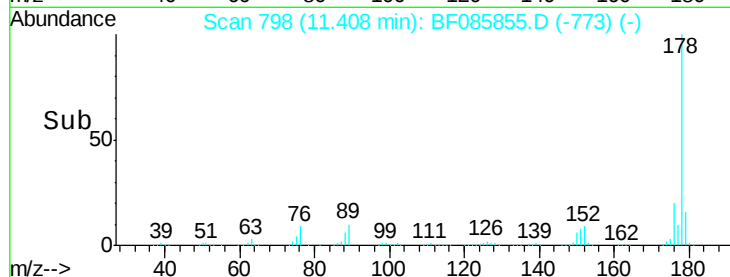
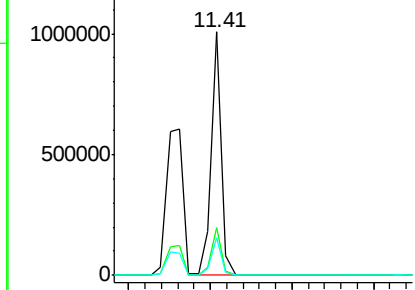
#71
 Anthracene
 Concen: 41.27 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion:178 Resp: 881835
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.7 13.0 19.4

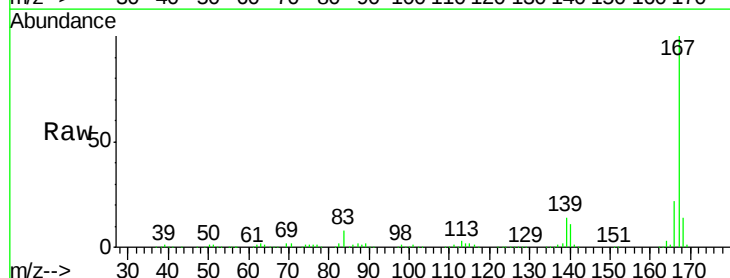


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

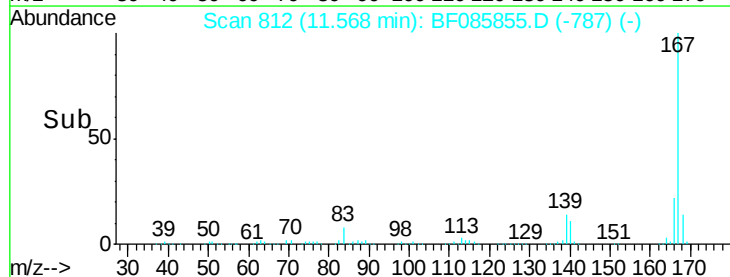
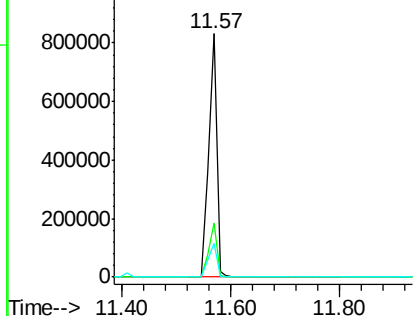


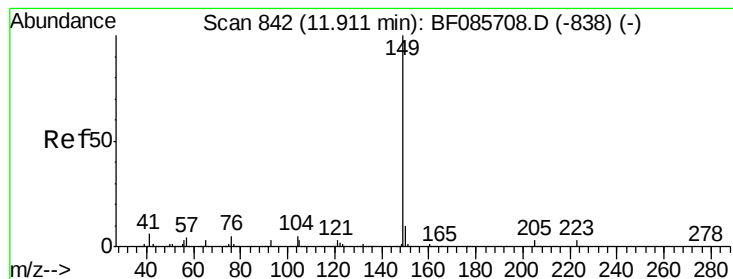
#72
 Carbazole
 Concen: 47.03 ng
 RT: 11.57 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion:167 Resp: 843526
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.9 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: 40.23 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

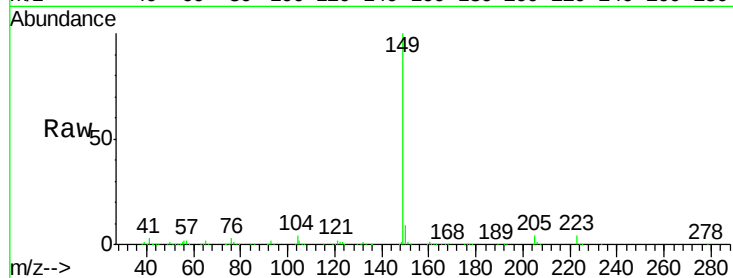
Tgt Ion:149 Resp: 990144

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

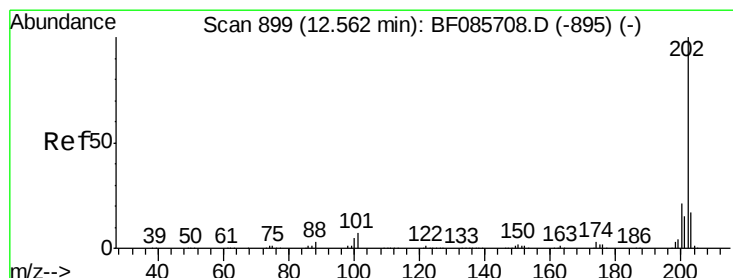
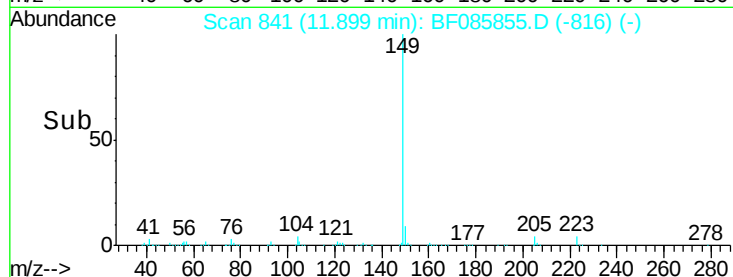
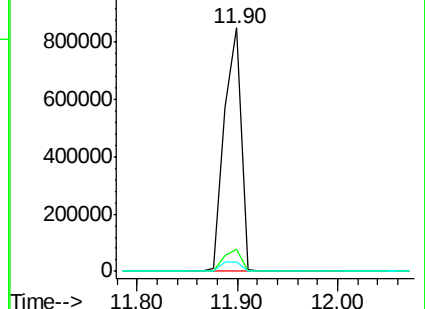
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.05 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

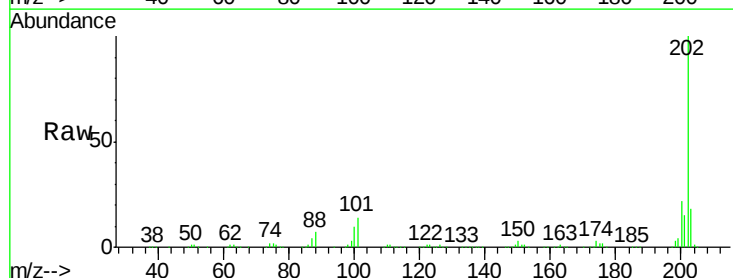
Tgt Ion:202 Resp: 823001

Ion Ratio Lower Upper

202 100

101 13.7 0.0 36.6

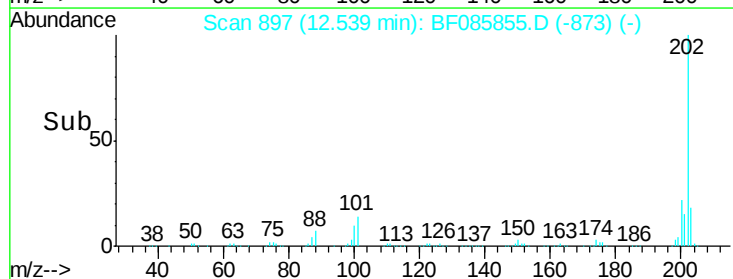
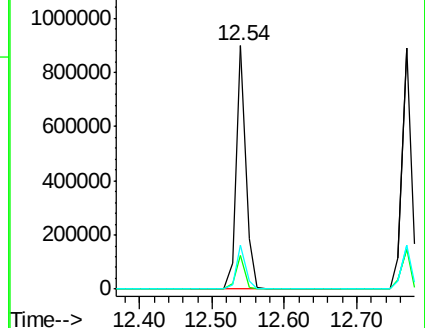
203 17.9 0.0 38.1



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

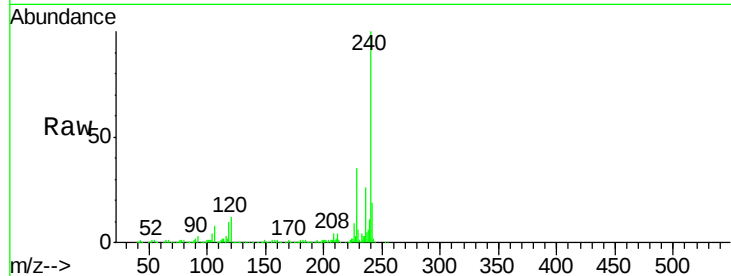
Tgt Ion:240 Resp: 324204

Ion Ratio Lower Upper

240 100

120 12.1 13.8 20.8#

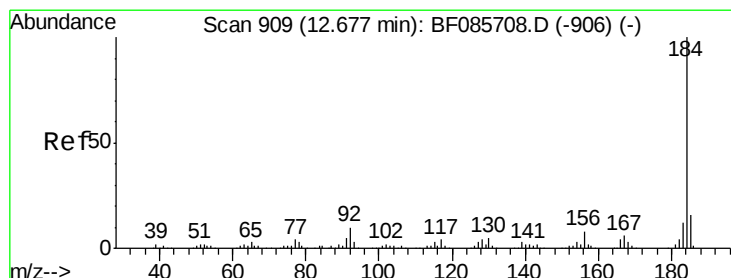
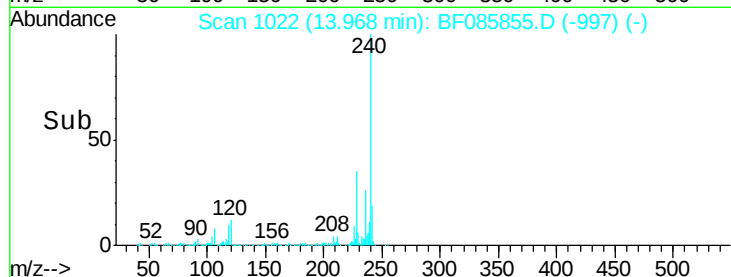
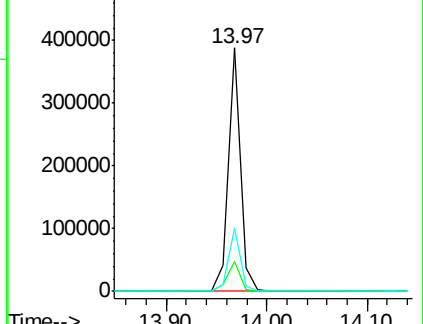
236 26.0 20.6 30.8



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: 24.46 ng

RT: 12.67 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

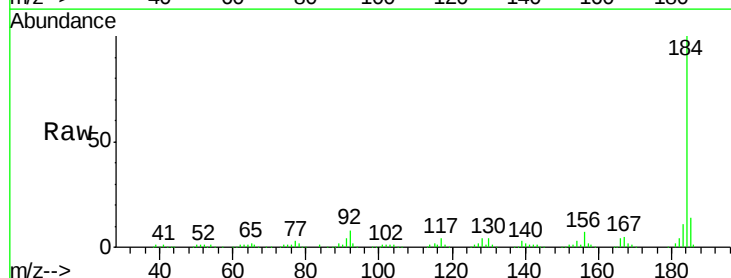
Tgt Ion:184 Resp: 279266

Ion Ratio Lower Upper

184 100

185 14.0 12.4 18.6

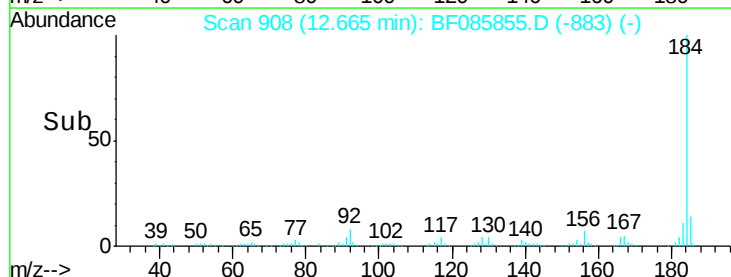
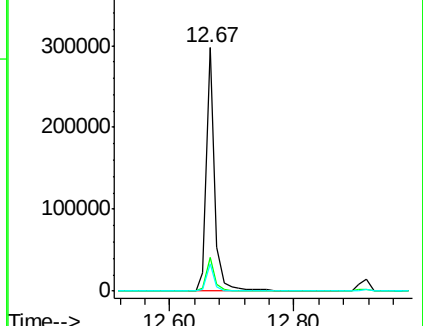
183 11.4 9.4 14.2

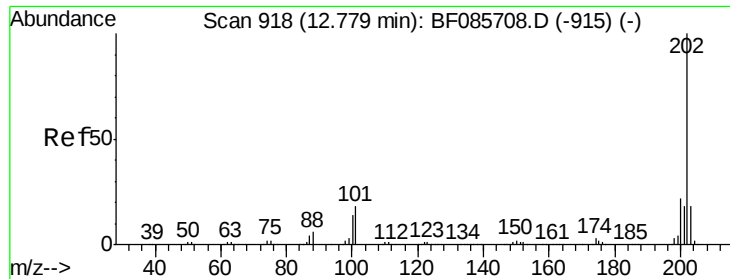


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

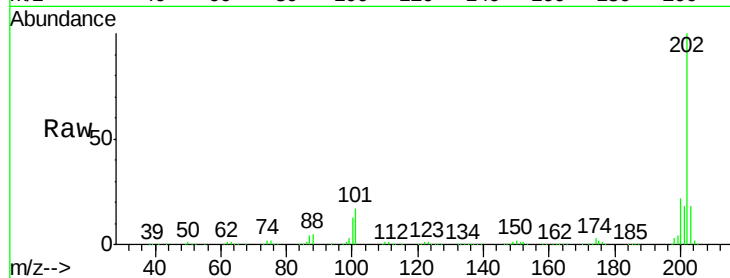




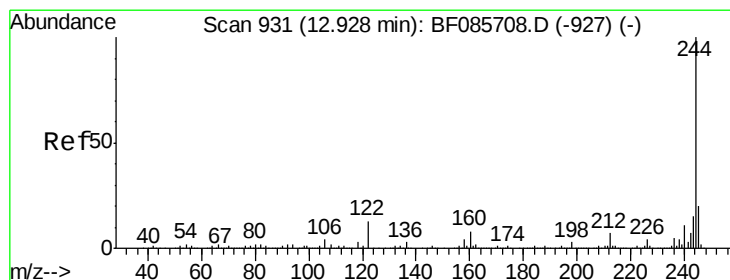
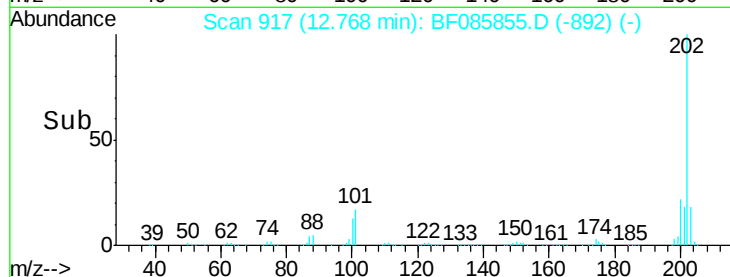
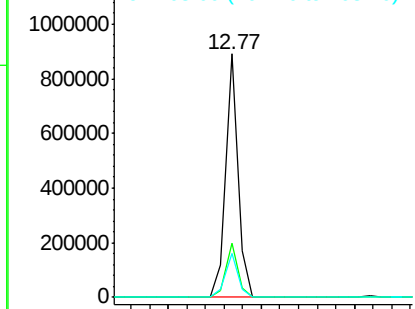
#77
 Pyrene
 Concen: 30.58 ng
 RT: 12.77 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BS

Tgt Ion: 202 Resp: 814833
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.6 26.4
 203 18.2 14.0 21.0

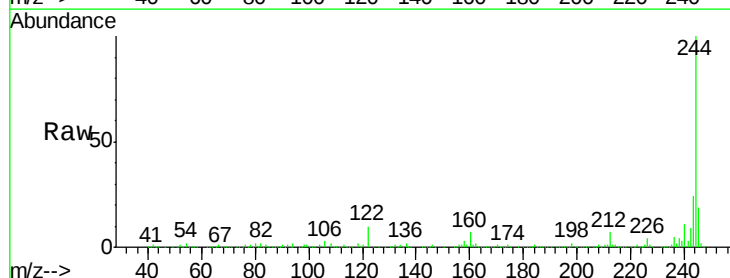


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

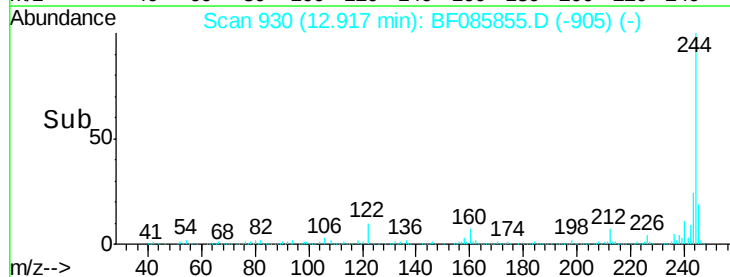
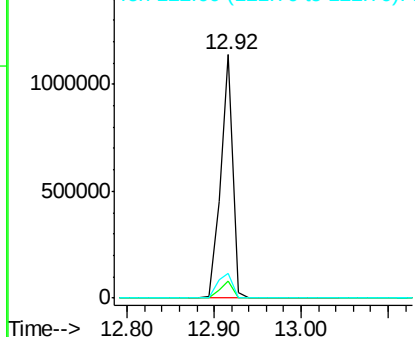


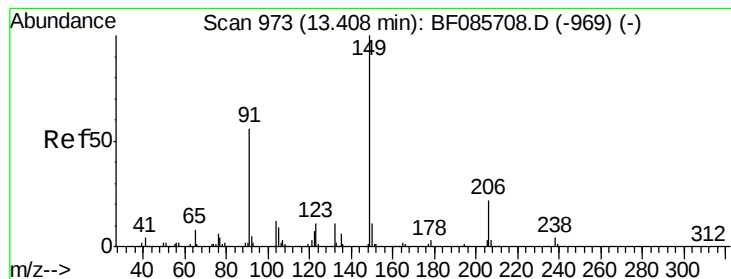
#78
 Terphenyl-d14
 Concen: 71.03 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085855.D
 Acq: 29 Mar 2016 18:12

Tgt Ion: 244 Resp: 1119720
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.0 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: 33.46 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB89295BS

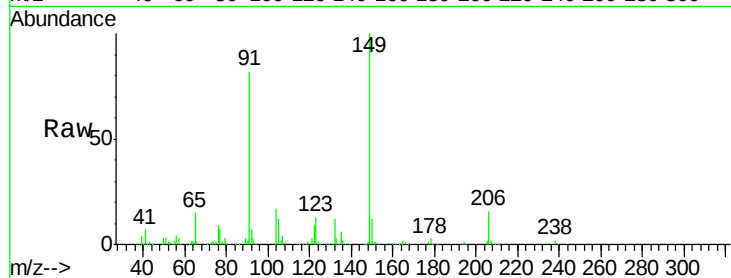
Tgt Ion:149 Resp: 373427

Ion Ratio Lower Upper

149 100

91 81.6 45.8 68.8#

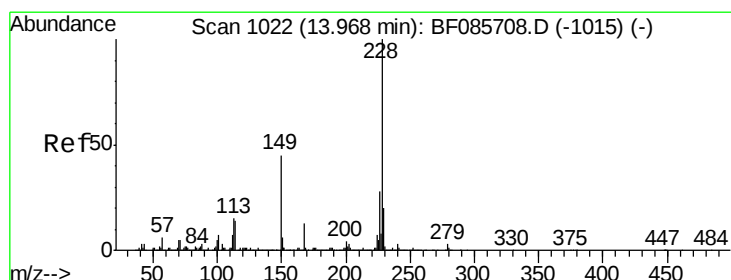
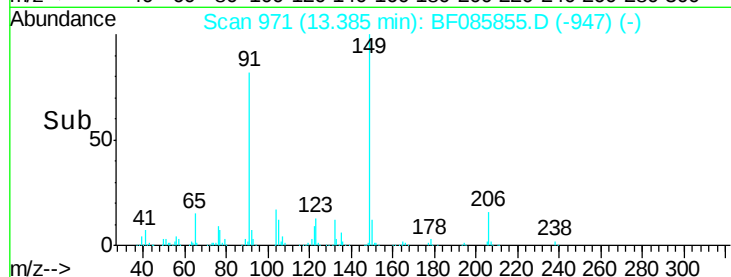
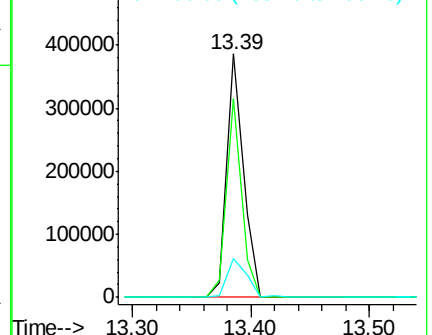
206 16.1 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.12 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085855.D

Acq: 29 Mar 2016 18:12

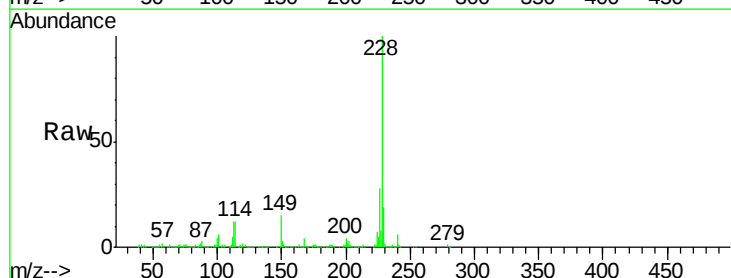
Tgt Ion:228 Resp: 704640

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 19.5 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

