

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085802.D
 Acq On : 28 Mar 2016 15:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 29 03:32:36 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	6.81	152	123540	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	518363	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	221557	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	401467	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	295641	20.00	ng	0.00
86) Perylene-d12	15.40	264	202605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	585575	78.94	ng	0.00
7) Phenol-d6	6.46	99	772892	81.95	ng	0.00
23) Nitrobenzene-d5	7.38	82	688907	74.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	184558	87.67	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1118737	84.36	ng	-0.01
78) Terphenyl-d14	12.93	244	1149621	79.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	144177	40.70	ng	99
3) Pyridine	3.09	79	394184	46.42	ng	98
4) n-Nitrosodimethylamine	3.04	42	143815	42.30	ng	98
6) Aniline	6.48	93	518157	40.81	ng	99
8) 2-Chlorophenol	6.61	128	351457	40.78	ng	91
9) Benzaldehyde	6.37	77	210715	37.08	ng	90
10) Phenol	6.47	94	461863	43.22	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	331020	40.26	ng	93
12) 1,3-Dichlorobenzene	6.76	146	378310	40.76	ng	# 94
13) 1,4-Dichlorobenzene	6.84	146	390302	41.47	ng	95
14) 1,2-Dichlorobenzene	6.98	146	336618	38.37	ng	94
15) Benzyl Alcohol	6.96	79	238567	37.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	419102	38.41	ng	98
17) 2-Methylphenol	7.08	107	278640	40.38	ng	98
18) Hexachloroethane	7.33	117	140499	40.77	ng	# 87
19) n-Nitroso-di-n-propylamine	7.24	70	200109	35.44	ng	93
20) 3+4-Methylphenols	7.24	107	310354	37.41	ng	96
22) Acetophenone	7.24	105	463815	38.41	ng	# 96
24) Nitrobenzene	7.41	77	396416	41.78	ng	96
25) Isophorone	7.65	82	667779	37.66	ng	97
26) 2-Nitrophenol	7.73	139	197394	41.58	ng	91
27) 2,4-Dimethylphenol	7.76	122	297554	35.86	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	372477	36.87	ng	98
29) 2,4-Dichlorophenol	7.97	162	276486	39.64	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	299555	38.68	ng	98
31) Naphthalene	8.13	128	996663	38.16	ng	100
32) Benzoic acid	7.90	122	233546	42.38	ng	99
33) 4-Chloroaniline	8.18	127	401085	37.61	ng	97
34) Hexachlorobutadiene	8.24	225	152397	36.21	ng	99
35) Caprolactam	8.56	113	83223	33.68	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	294708	36.17	ng	96
37) 2-Methylnaphthalene	8.81	142	596804	37.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	271840	41.37	ng	99
40) Hexachlorocyclopentadiene	8.97	237	91774	38.85	ng	99

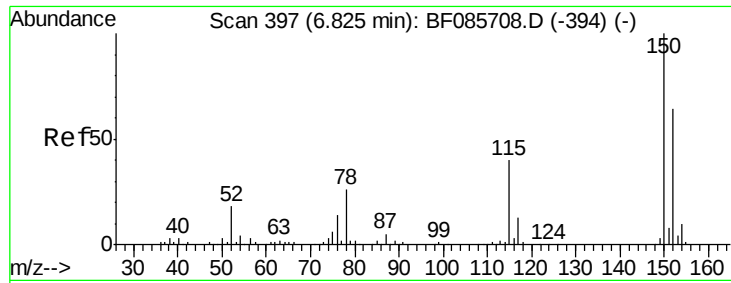
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	181972	41.01	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	195184	41.94	ng #	94
45) 1,1'-Biphenyl	9.28	154	717801	38.39	ng	98
46) 2-Chloronaphthalene	9.30	162	544752	39.63	ng #	90
47) 2-Nitroaniline	9.41	65	181718	43.23	ng	96
48) Acenaphthylene	9.72	152	916611	40.92	ng	99
49) Dimethylphthalate	9.59	163	712546	42.39	ng	99
50) 2,6-Dinitrotoluene	9.65	165	134626	37.21	ng	93
51) Acenaphthene	9.90	154	555243	40.58	ng	99
52) 3-Nitroaniline	9.82	138	164192	39.64	ng	98
53) 2,4-Dinitrophenol	9.93	184	71528	42.21	ng #	71
54) Dibenzofuran	10.07	168	709560	40.07	ng	94
55) 4-Nitrophenol	9.99	139	110704	41.03	ng	87
56) 2,4-Dinitrotoluene	10.06	165	202961	44.13	ng #	80
57) Fluorene	10.41	166	589968	40.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	132224	40.88	ng	100
59) Diethylphthalate	10.29	149	709702	42.73	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	313363	43.54	ng #	88
61) 4-Nitroaniline	10.44	138	180290	45.51	ng	97
62) Azobenzene	10.56	77	704612	44.15	ng	94
64) 4,6-Dinitro-2-methylphenol	10.47	198	106240	45.19	ng #	52
65) n-Nitrosodiphenylamine	10.52	169	506258	39.81	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	178289	43.41	ng #	85
67) Hexachlorobenzene	10.96	284	181651	42.29	ng #	88
68) Atrazine	11.05	200	177670	41.39	ng	96
69) Pentachlorophenol	11.16	266	92579	43.90	ng	99
70) Phenanthrene	11.36	178	887634	43.06	ng	100
71) Anthracene	11.42	178	906352	41.88	ng	99
72) Carbazole	11.58	167	823973	45.35	ng	99
73) Di-n-butylphthalate	11.91	149	1022622	41.02	ng #	98
74) Fluoranthene	12.55	202	822149	37.52	ng	98
76) Benzidine	12.68	184	394973	37.94	ng	99
77) Pyrene	12.78	202	827367	34.05	ng	99
79) Butylbenzylphthalate	13.40	149	373176	36.67	ng #	75
80) Benzo(a)anthracene	13.97	228	665253	39.46	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	429437	36.71	ng	99
82) Chrysene	14.00	228	563438	33.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	464860	38.15	ng #	98
84) Di-n-octyl phthalate	14.56	149	663857	36.64	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	543779	41.47	ng	99
87) Benzo(b)fluoranthene	15.02	252	978207	76.64	ng	98
88) Benzo(k)fluoranthene	15.02	252	978207	85.01	ng	99
89) Benzo(a)pyrene	15.34	252	461584	40.73	ng #	97
90) Dibenzo(a,h)anthracene	16.79	278	454635	43.18	ng	99
91) Benzo(g,h,i)perylene	17.20	276	466829	43.78	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

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SSTDCCC040

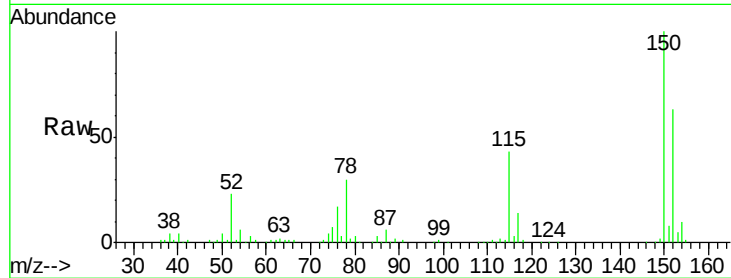
Tgt Ion:152 Resp: 123540

Ion Ratio Lower Upper

152 100

150 159.2 124.2 186.2

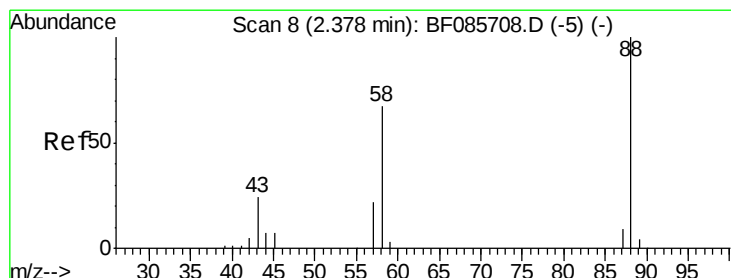
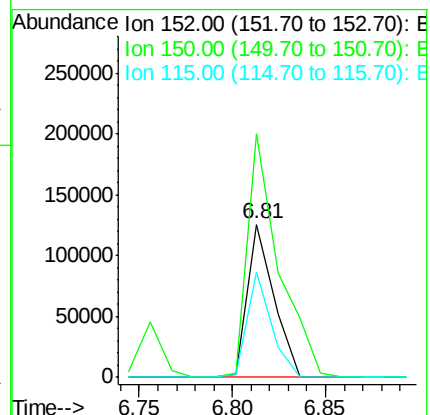
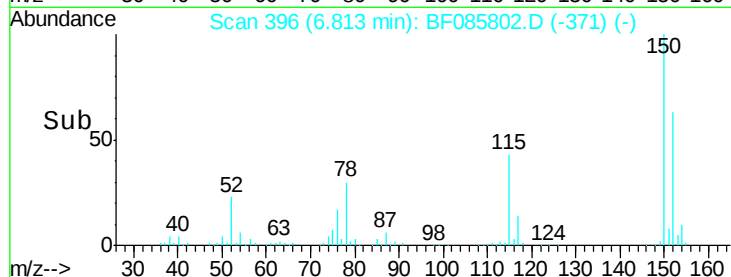
115 69.2 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.70 ng

RT: 2.37 min Scan# 7

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

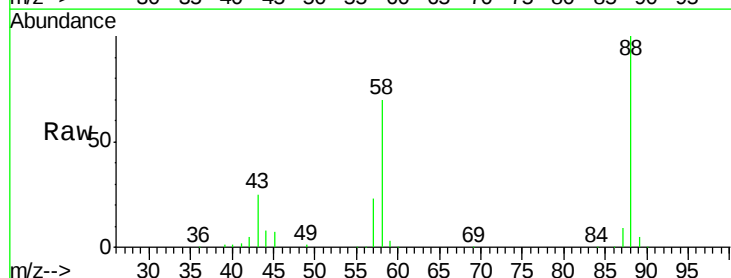
Tgt Ion: 88 Resp: 144177

Ion Ratio Lower Upper

88 100

58 67.4 54.2 81.2

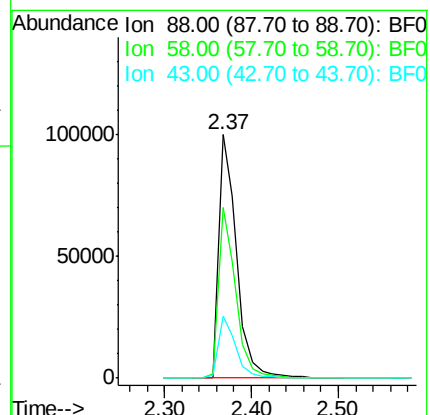
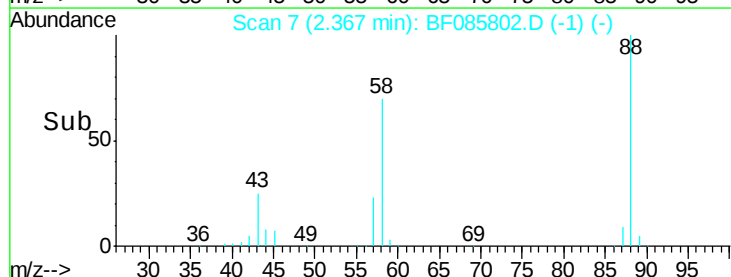
43 25.0 19.3 28.9



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: 46.42 ng

RT: 3.09 min Scan# 70

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

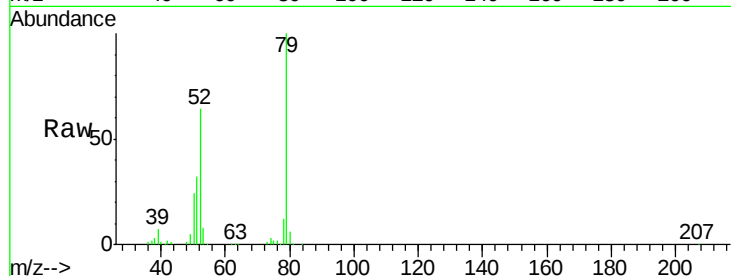
Tgt Ion: 79 Resp: 394184

Ion Ratio Lower Upper

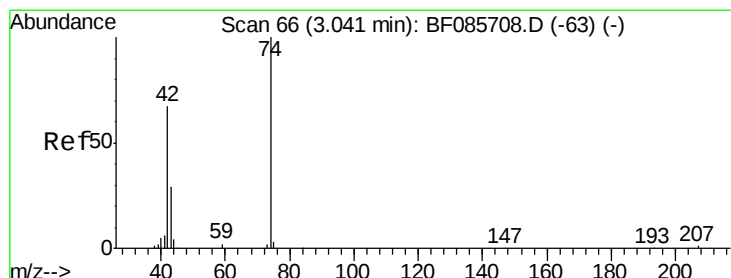
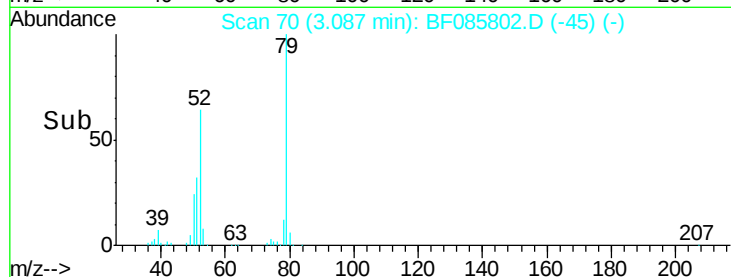
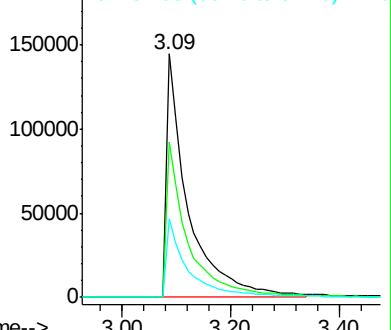
79 100

52 63.6 49.8 74.6

51 32.3 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: 42.30 ng

RT: 3.04 min Scan# 66

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

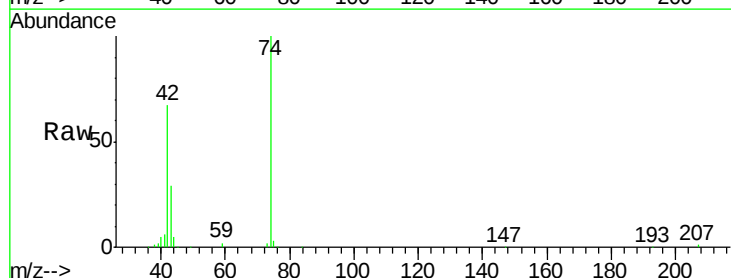
Tgt Ion: 42 Resp: 143815

Ion Ratio Lower Upper

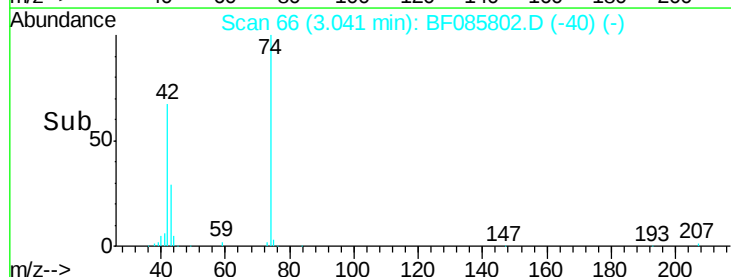
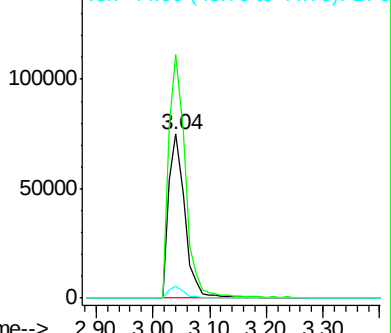
42 100

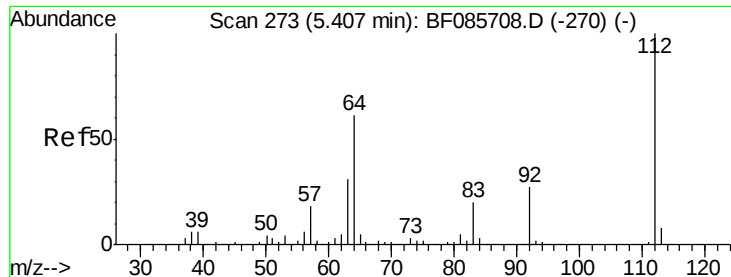
74 148.5 121.4 182.2

44 7.1 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: 78.94 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

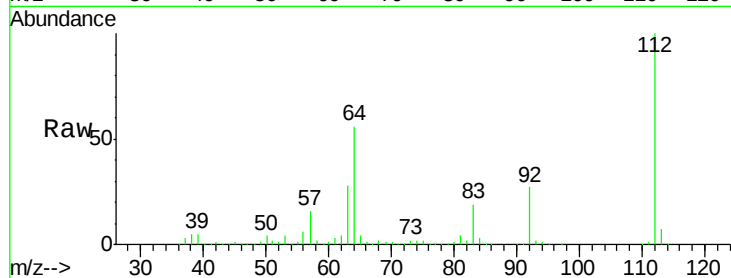
Tgt Ion: 112 Resp: 585575

Ion Ratio Lower Upper

112 100

64 56.5 39.9 59.9

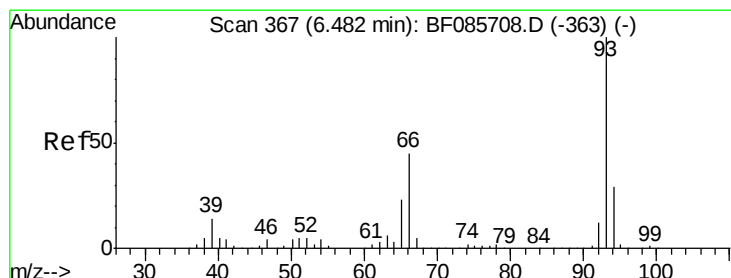
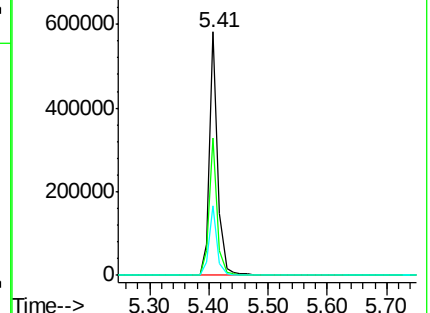
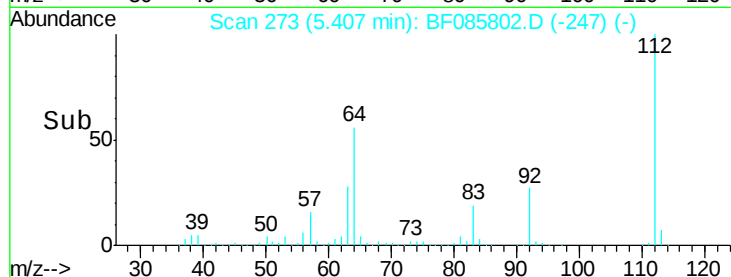
63 28.4 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.81 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

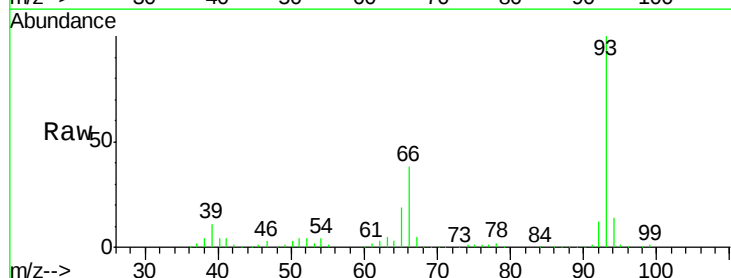
Tgt Ion: 93 Resp: 518157

Ion Ratio Lower Upper

93 100

66 38.1 31.4 47.2

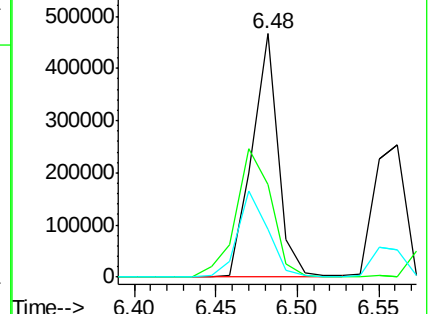
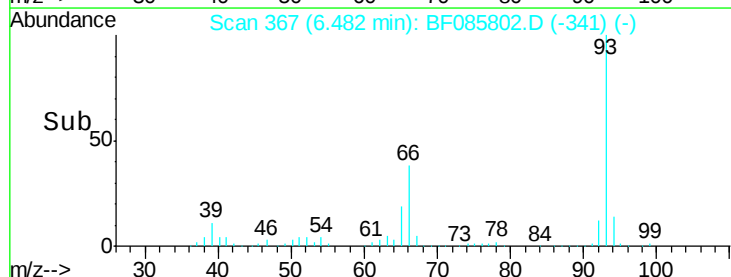
65 19.5 15.7 23.5

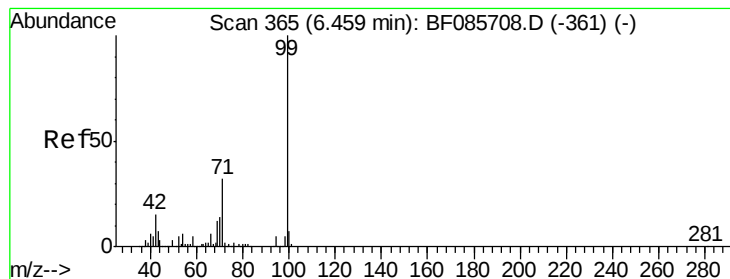


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.95 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

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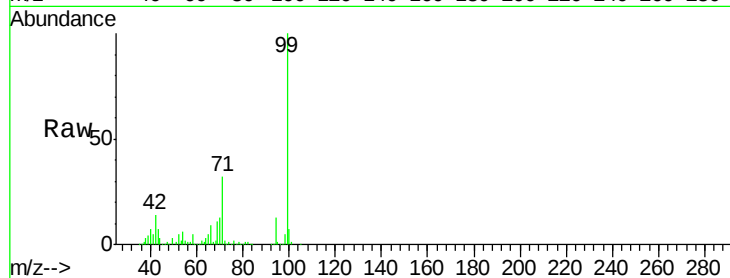
Tgt Ion: 99 Resp: 772892

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

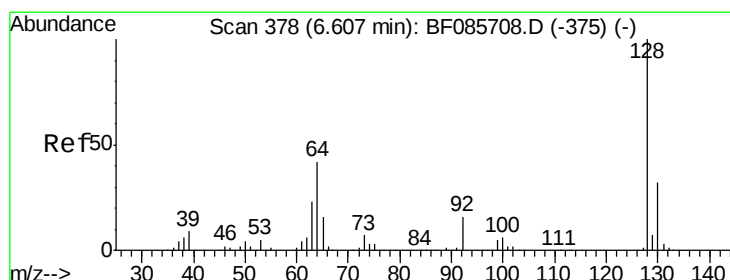
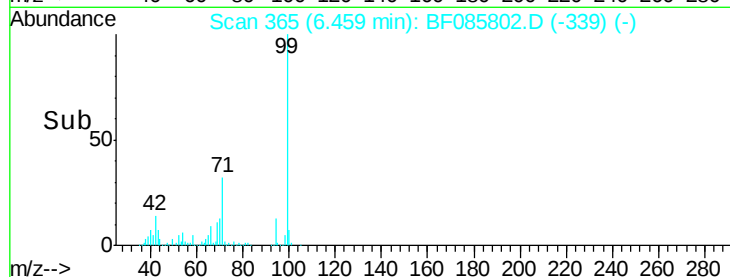
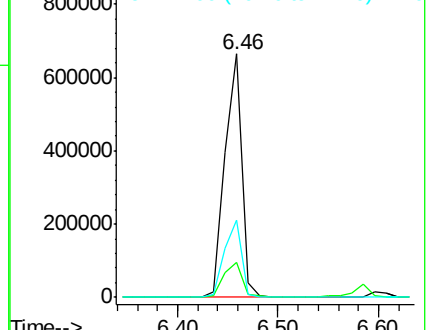
71 31.8 24.9 37.3



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: 40.78 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

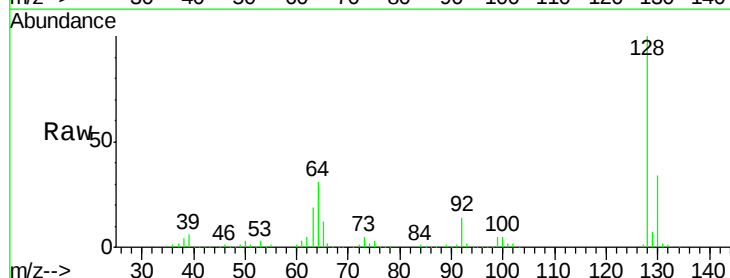
Tgt Ion: 128 Resp: 351457

Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

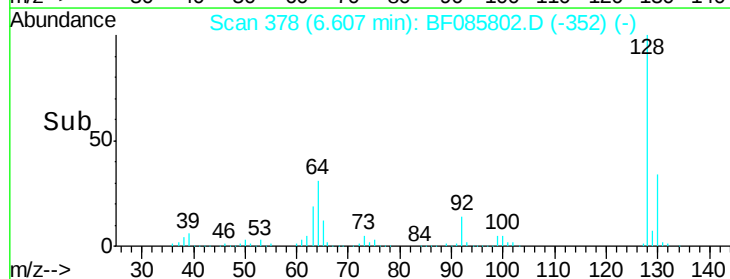
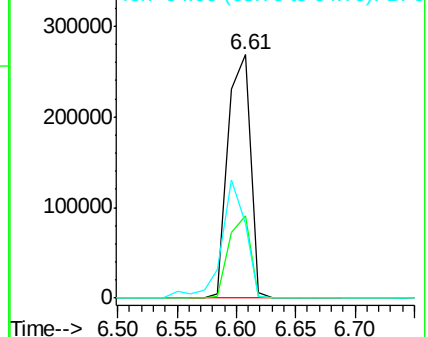
64 30.8 20.2 60.2

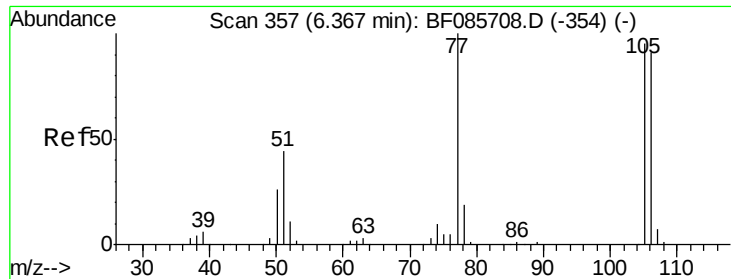


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.08 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

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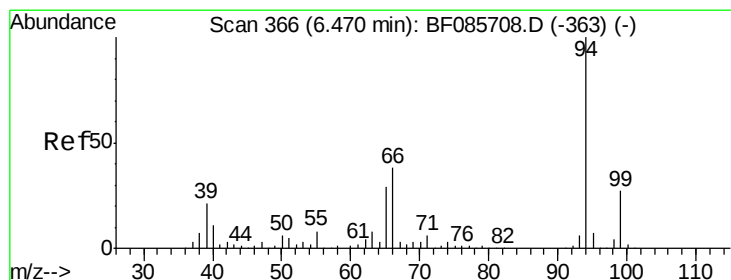
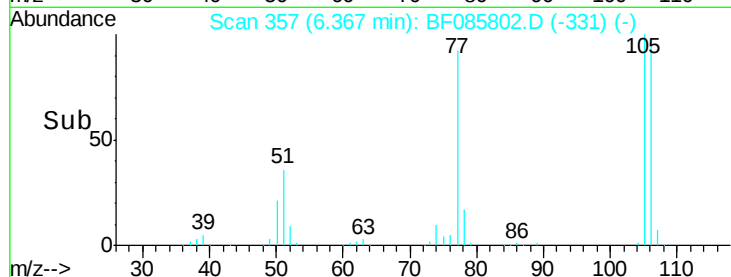
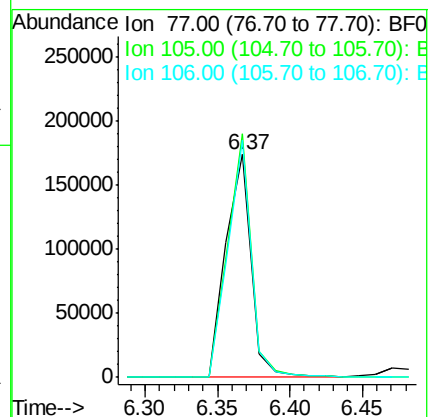
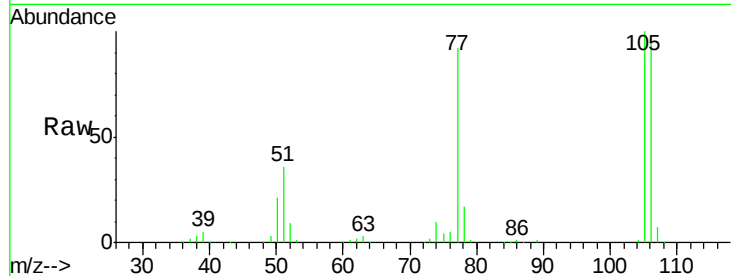
Tgt Ion: 77 Resp: 210715

Ion Ratio Lower Upper

77 100

105 109.3 80.1 120.1

106 106.3 75.0 115.0



#10

Phenol

Concen: 43.22 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

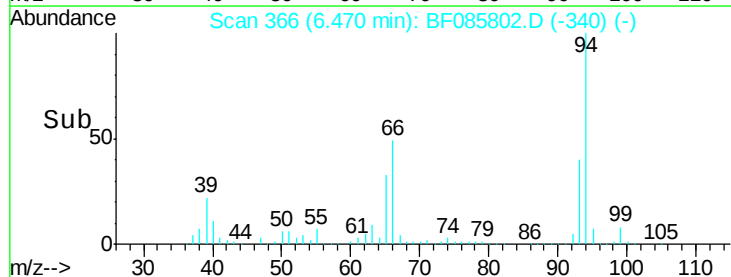
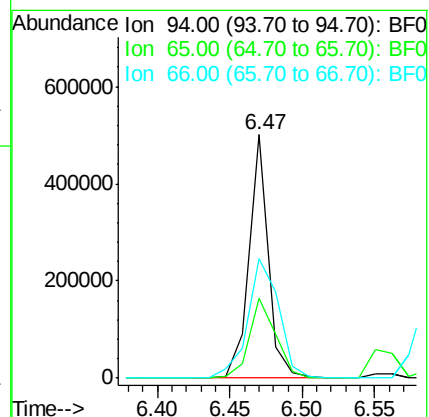
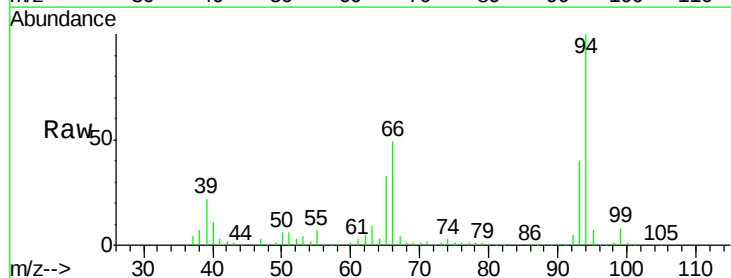
Tgt Ion: 94 Resp: 461863

Ion Ratio Lower Upper

94 100

65 32.8 8.6 48.6

66 49.0 20.0 60.0

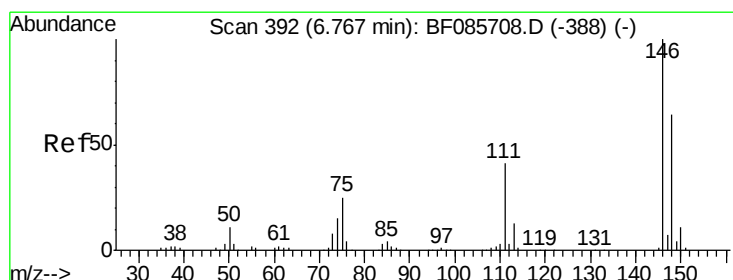
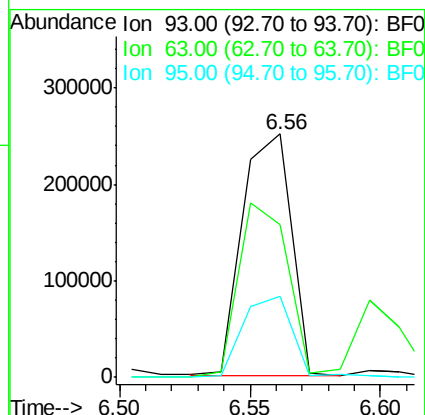
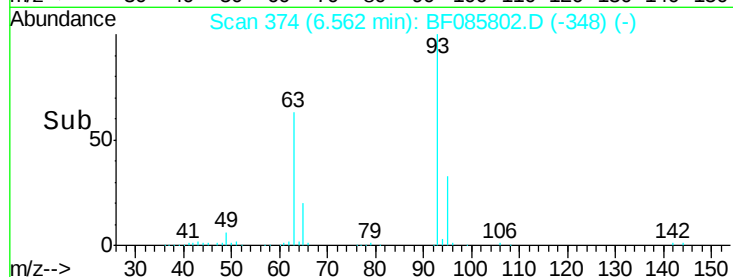
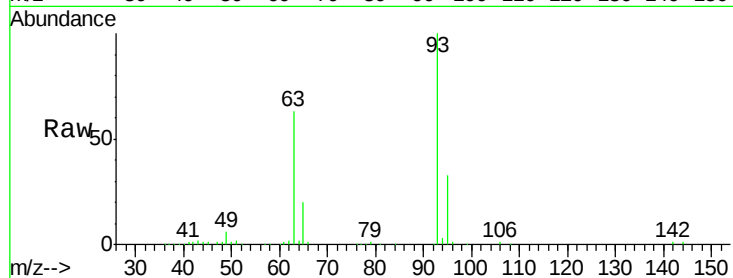




#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

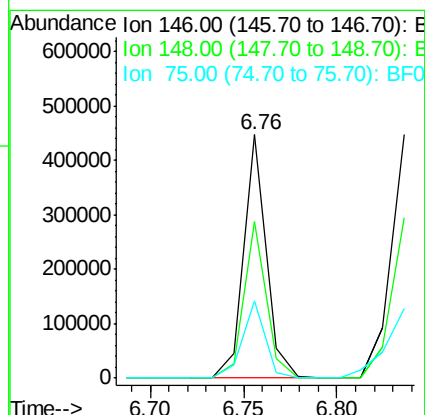
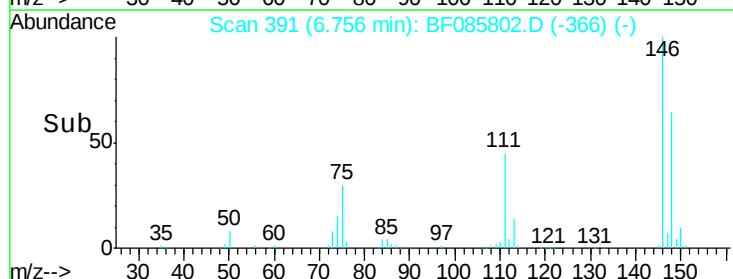
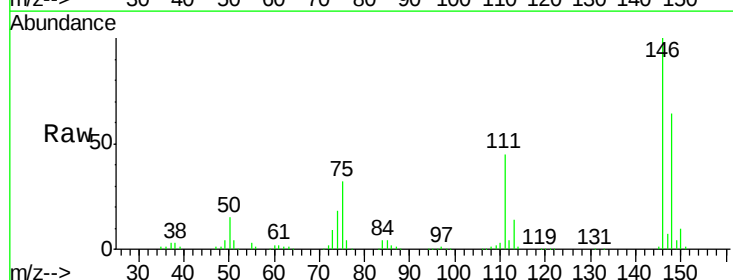
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

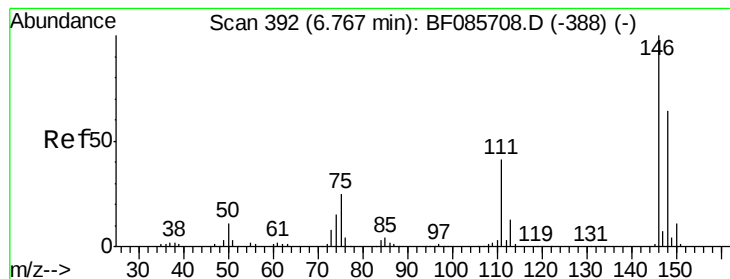
Tgt Ion: 93 Resp: 331020
Ion Ratio Lower Upper
93 100
63 62.7 50.9 90.9
95 33.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.76 ng
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion: 146 Resp: 378310
Ion Ratio Lower Upper
146 100
148 64.3 52.3 78.5
75 31.8 17.4 26.2#





#13

1,4-Dichlorobenzene

Concen: 41.47 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

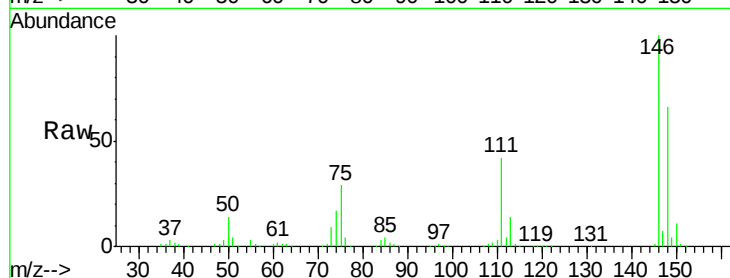
Tgt Ion:146 Resp: 390302

Ion Ratio Lower Upper

146 100

148 65.7 50.6 76.0

111 41.8 37.8 56.6



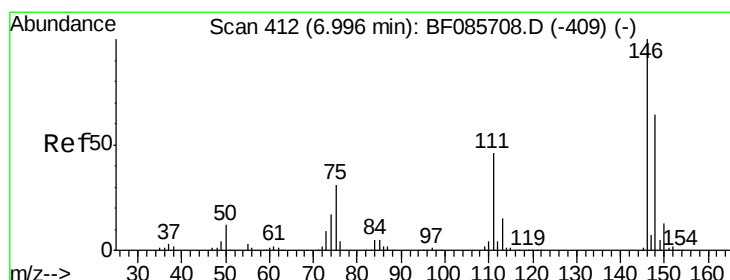
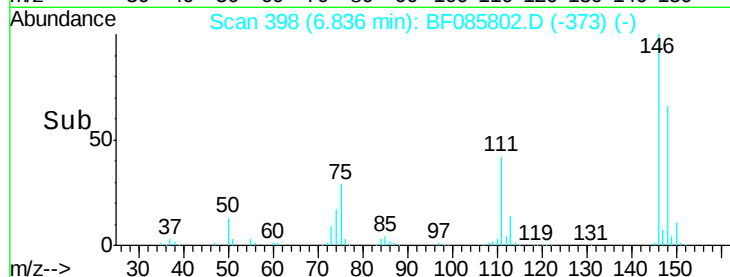
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.84

Time-->



#14

1,2-Dichlorobenzene

Concen: 38.37 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

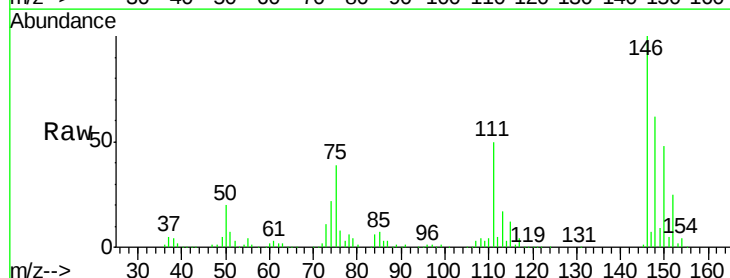
Tgt Ion:146 Resp: 336618

Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.2

111 50.2 34.6 52.0



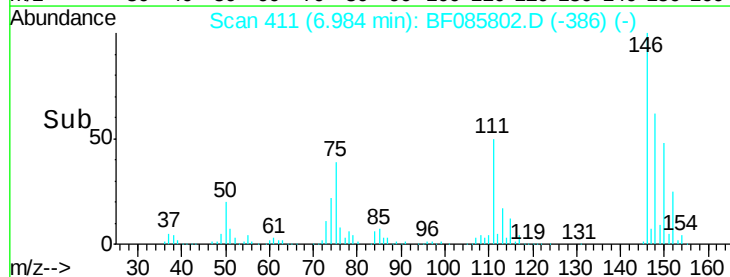
Abundance Ion 146.00 (145.70 to 146.70): E

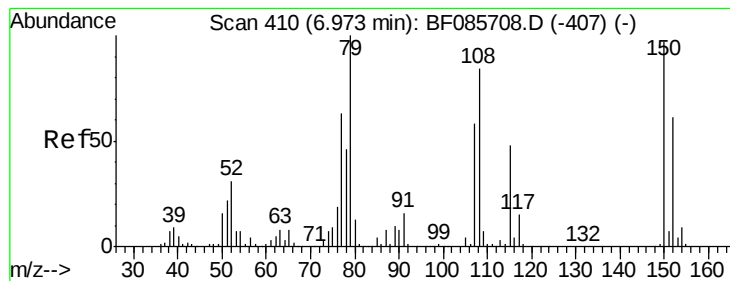
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.98

Time-->





#15

Benzyl Alcohol

Concen: 37.91 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

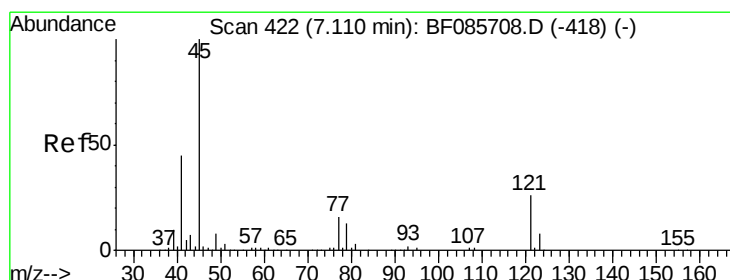
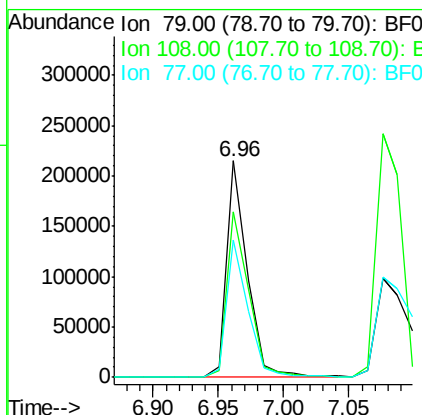
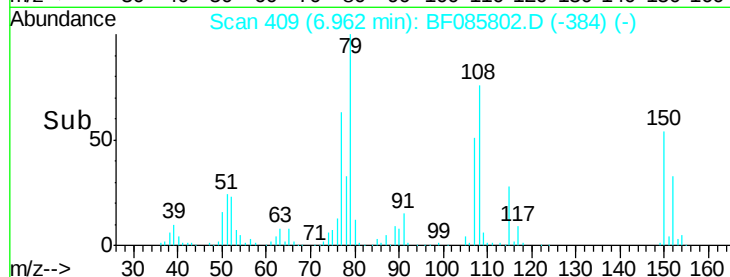
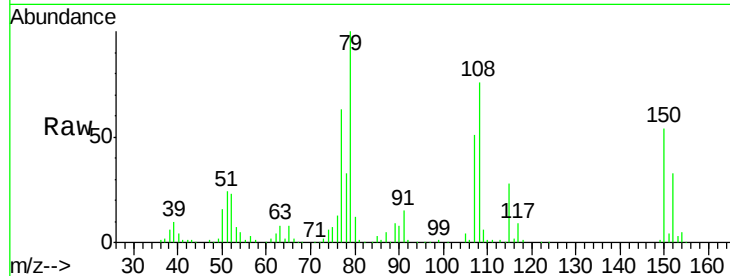
Tgt Ion: 79 Resp: 238567

Ion Ratio Lower Upper

79 100

108 76.4 61.8 92.6

77 63.4 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.41 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

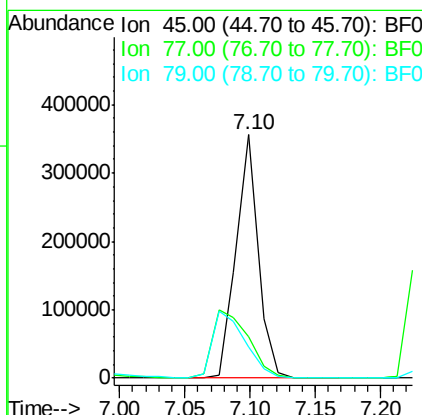
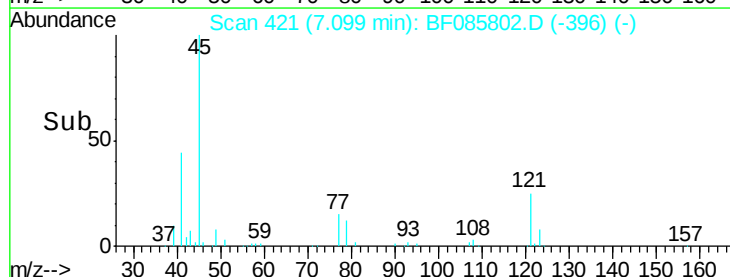
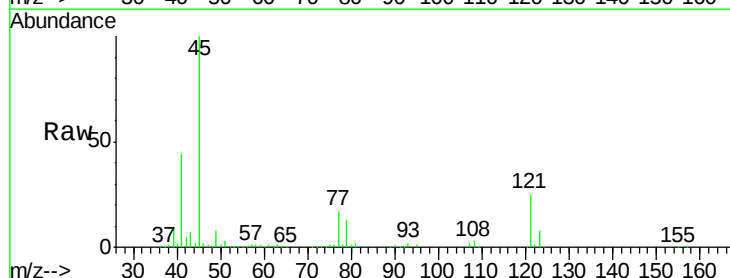
Tgt Ion: 45 Resp: 419102

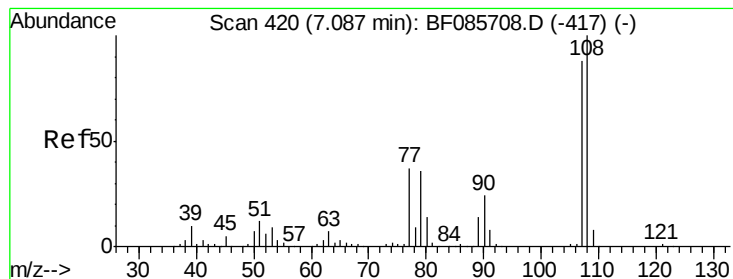
Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.7

79 13.0 0.0 32.2





#17

2-Methylphenol

Concen: 40.38 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 278640

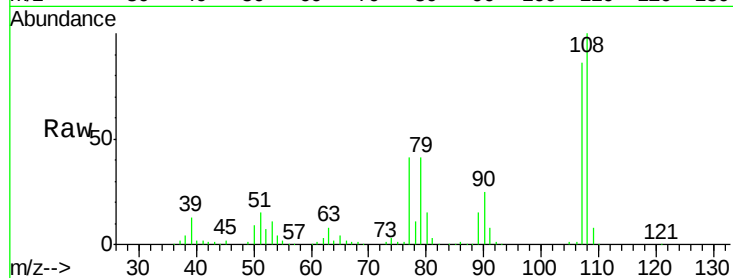
Ion Ratio Lower Upper

107 100

108 116.0 91.4 137.0

77 47.5 36.2 54.2

79 47.0 35.8 53.8

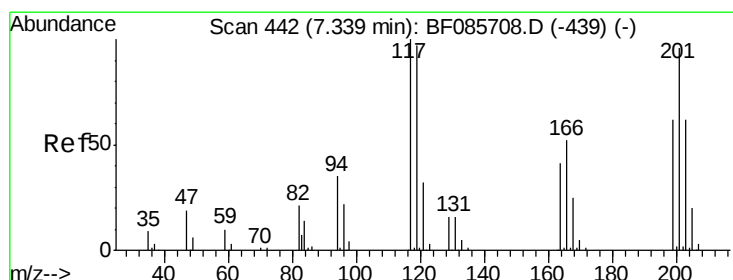
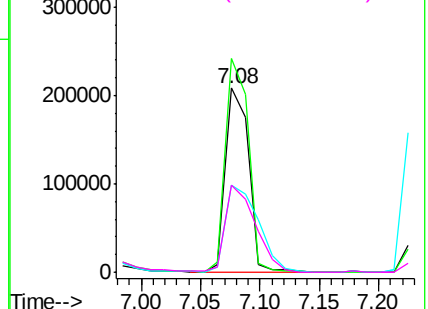
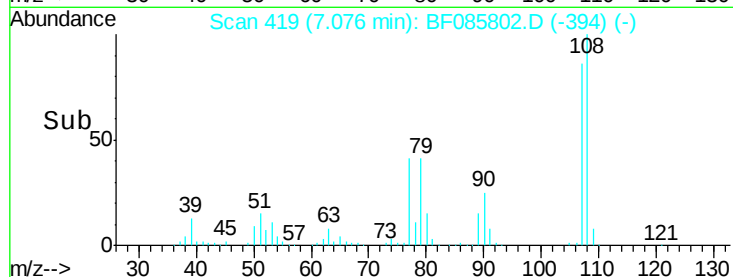


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.77 ng

RT: 7.33 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

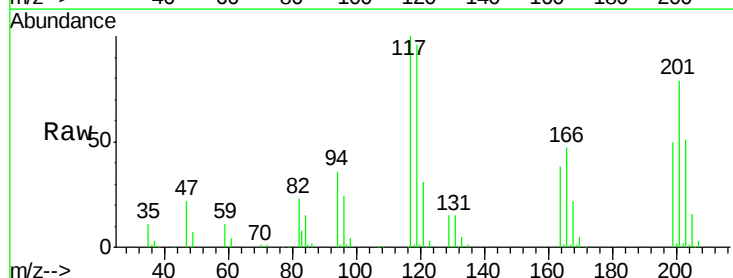
Tgt Ion:117 Resp: 140499

Ion Ratio Lower Upper

117 100

119 96.5 76.7 115.1

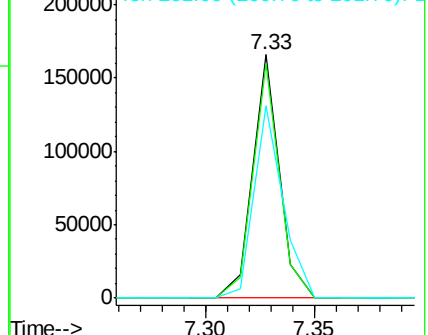
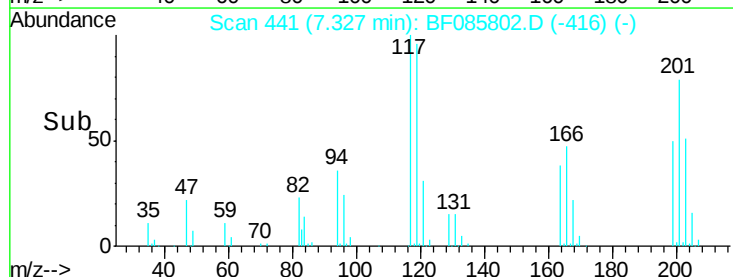
201 79.0 83.3 124.9#

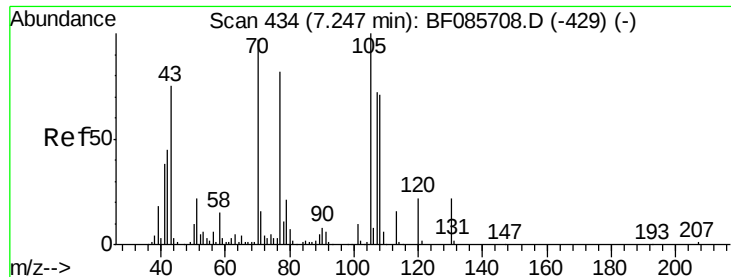


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

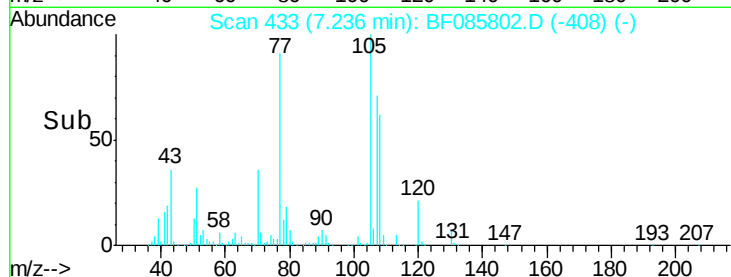
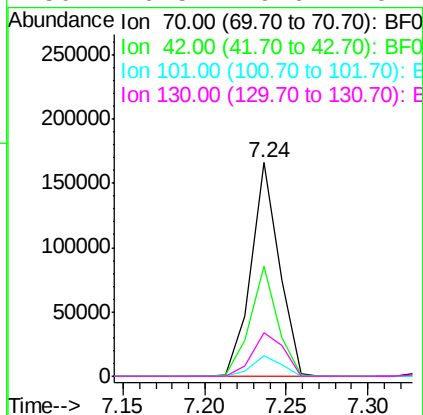
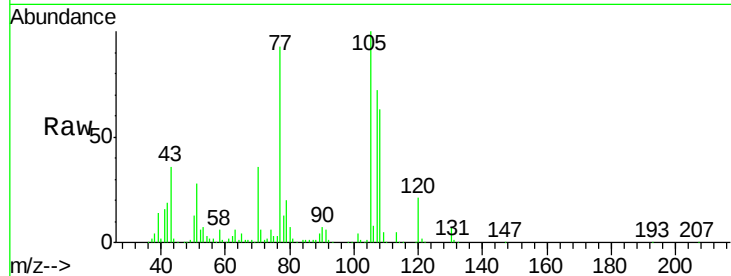




#19
n-Nitroso-di-n-propylamine
Concen: 35.44 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

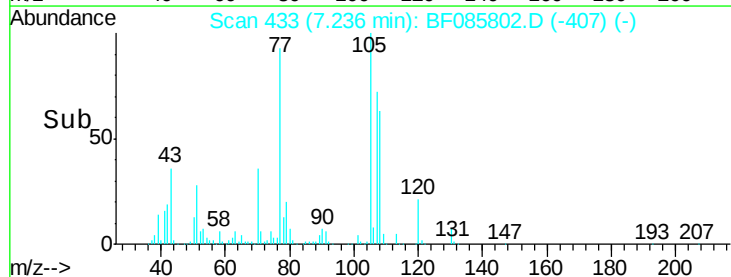
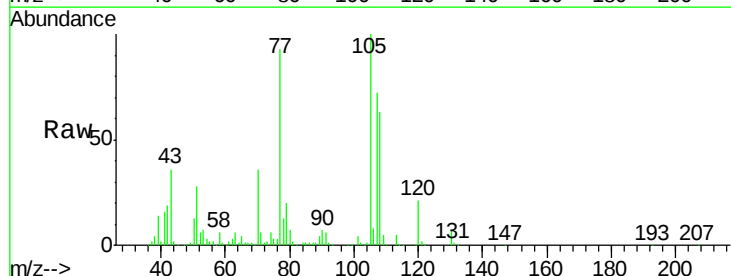
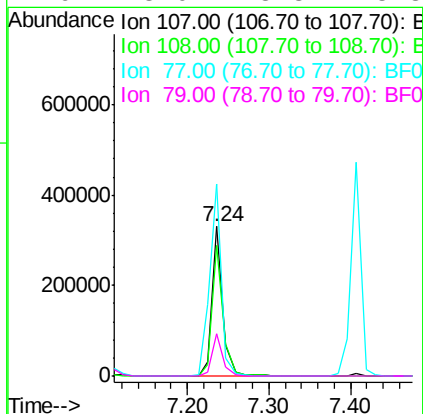
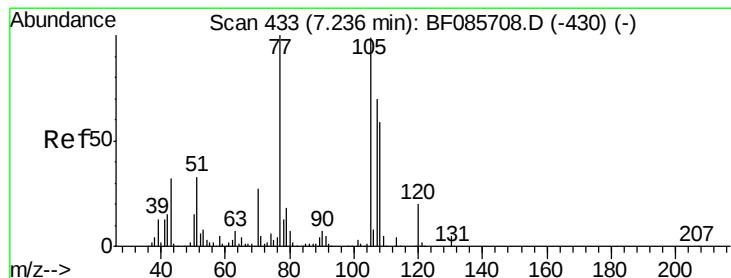
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

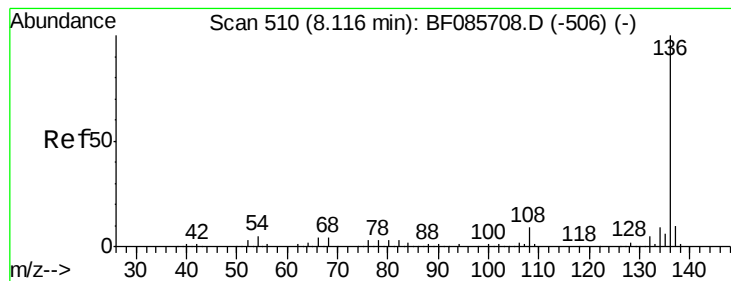
Tgt Ion:	70	Resp:	200109
Ion	Ratio	Lower	Upper
70	100		
42	51.6	37.1	55.7
101	9.7	8.6	12.8
130	20.5	19.6	29.4



#20
3+4-Methylphenols
Concen: 37.41 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:	107	Resp:	310354
Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.3	109.3
77	128.5	101.7	141.7
79	28.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 518363

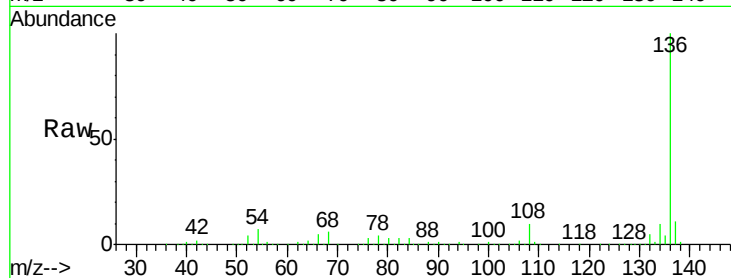
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 7.4 11.0#

68 5.8 5.8 8.8#

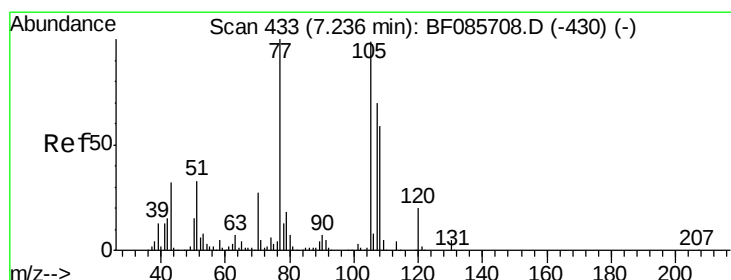
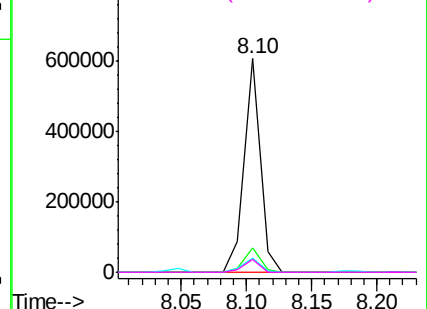
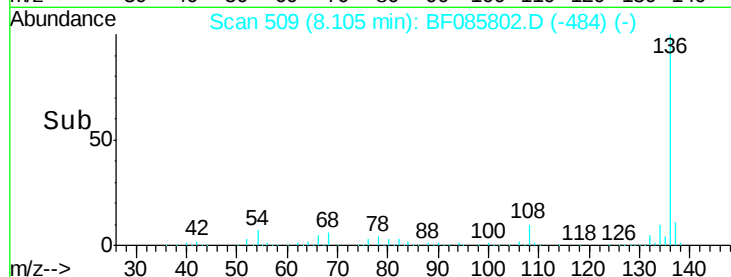


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 38.41 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:105 Resp: 463815

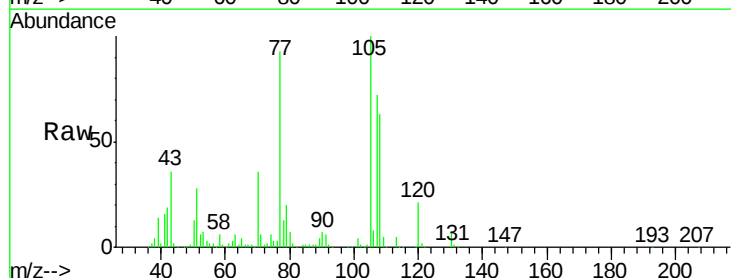
Ion Ratio Lower Upper

105 100

71 6.0 3.6 5.4#

51 28.3 25.4 38.0

120 21.4 16.9 25.3

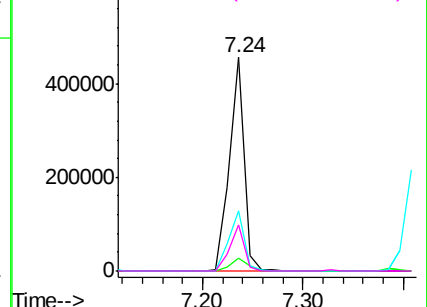
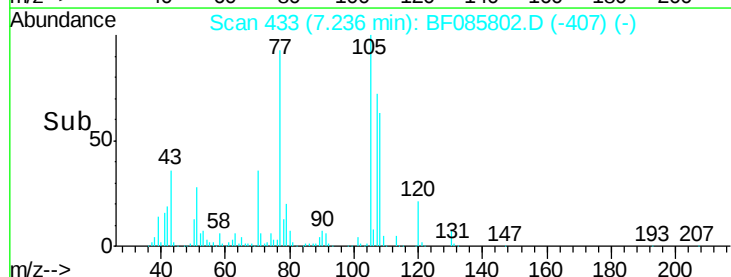


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

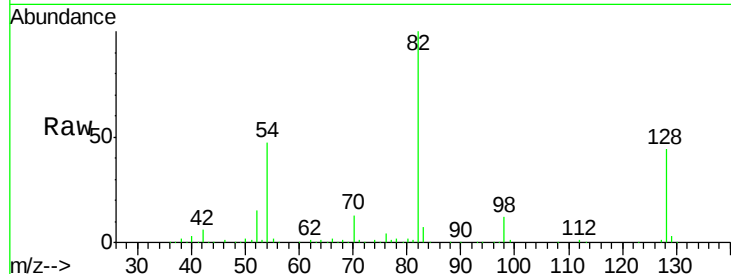




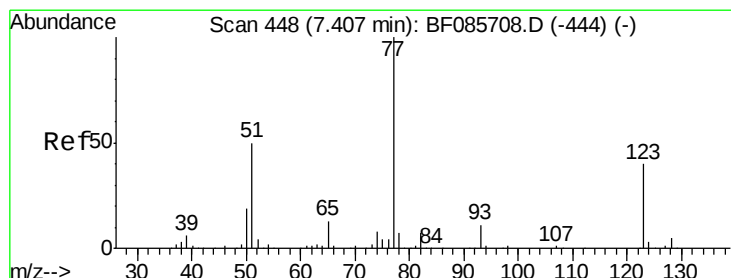
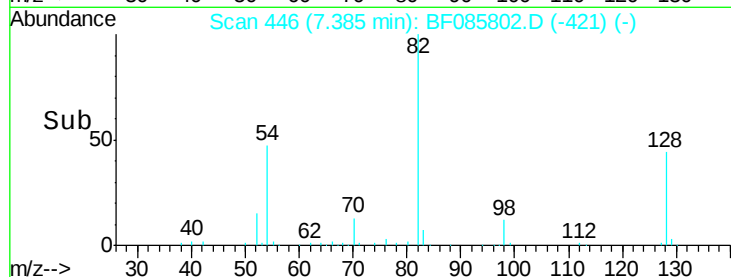
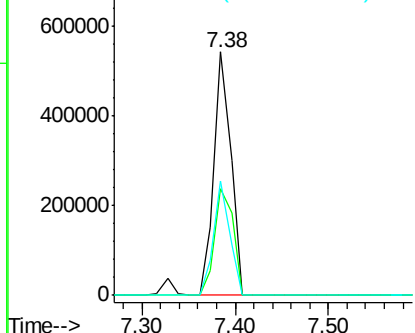
#23
 Nitrobenzene-d5
 Concen: 74.84 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 688907
 Ion Ratio Lower Upper
 82 100
 128 43.7 41.8 62.8
 54 47.0 33.4 50.0

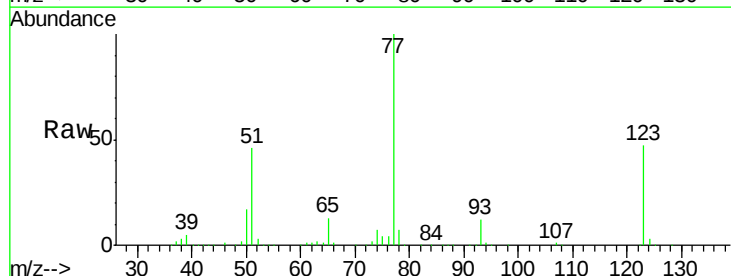


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

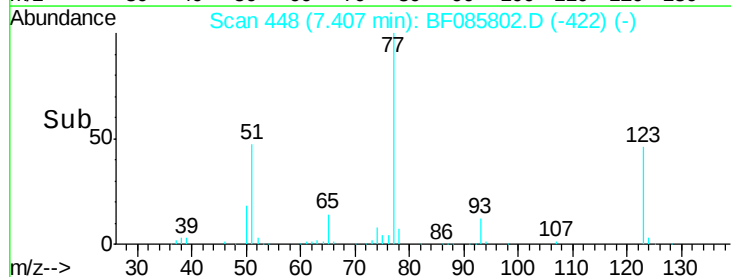
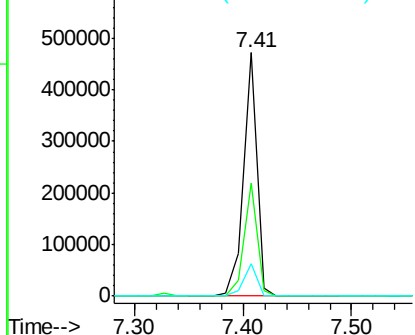


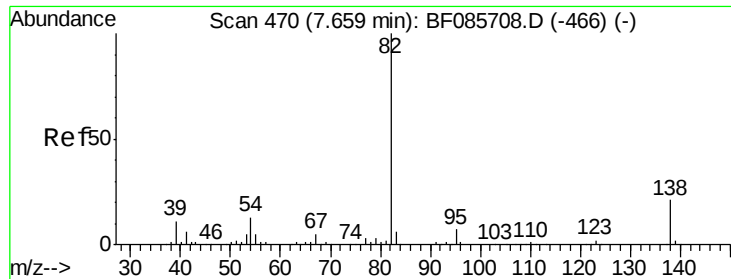
#24
 Nitrobenzene
 Concen: 41.78 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion: 77 Resp: 396416
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.0 52.4
 65 13.1 10.6 16.0



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





#25

Isophorone

Concen: 37.66 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

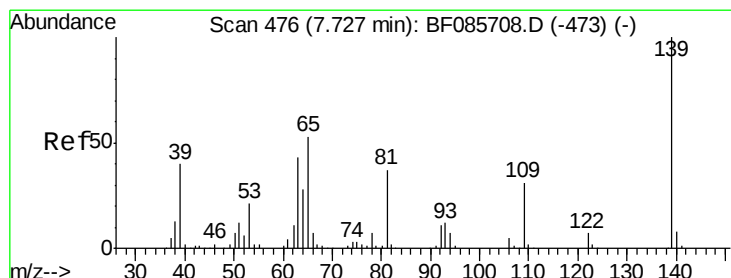
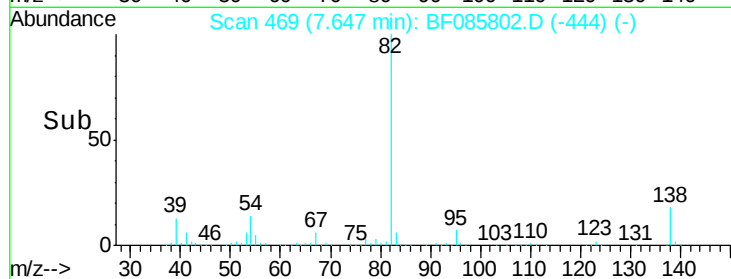
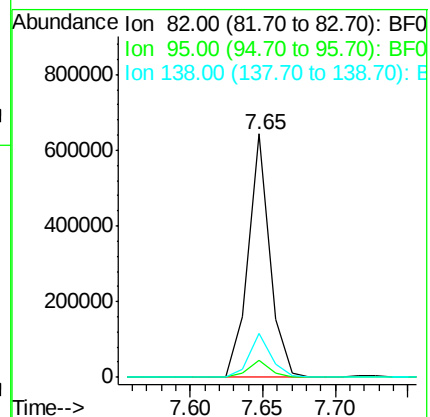
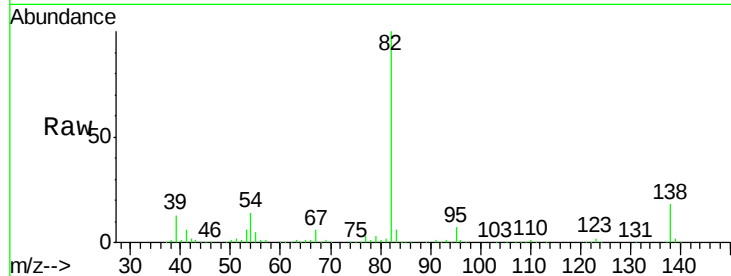
Tgt Ion: 82 Resp: 667779

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.9 12.9 19.3



#26

2-Nitrophenol

Concen: 41.58 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

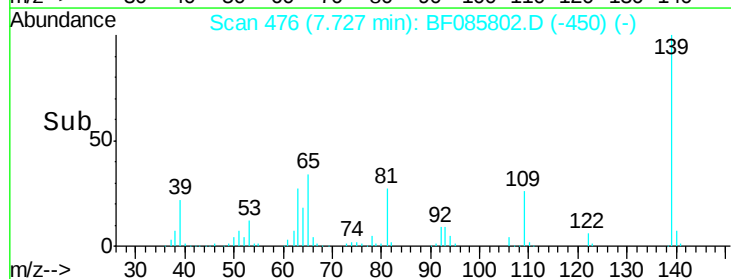
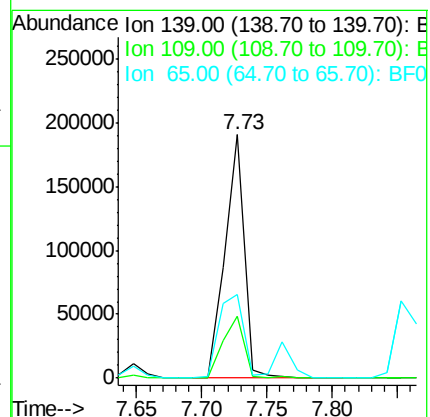
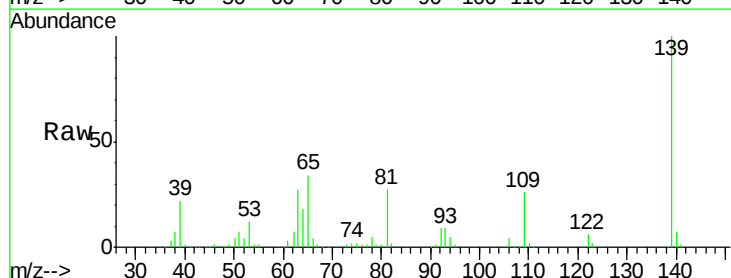
Tgt Ion: 139 Resp: 197394

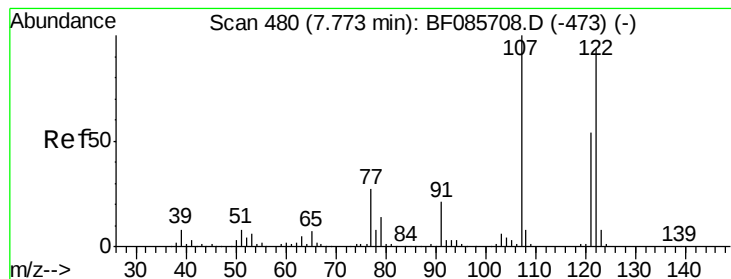
Ion Ratio Lower Upper

139 100

109 25.5 22.1 33.1

65 34.3 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 35.86 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

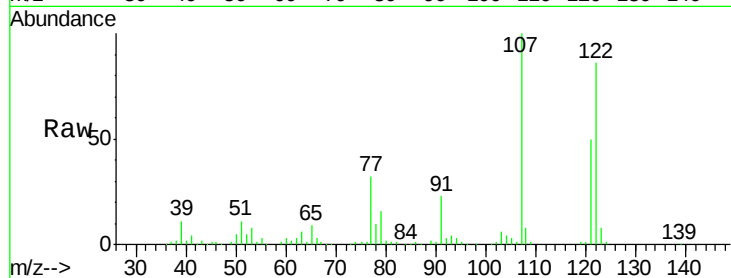
Tgt Ion:122 Resp: 297554

Ion Ratio Lower Upper

122 100

107 116.8 93.0 139.6

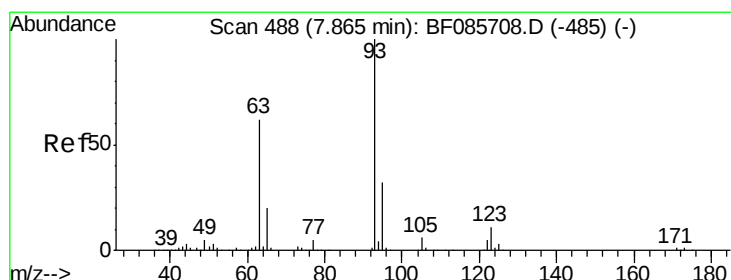
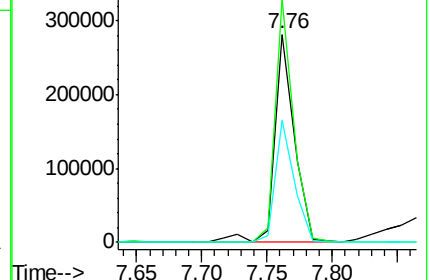
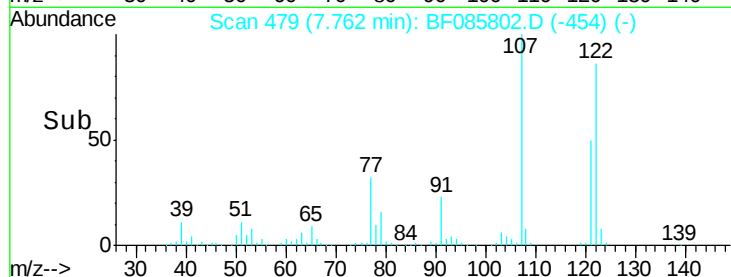
121 58.3 45.9 68.9



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: 36.87 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

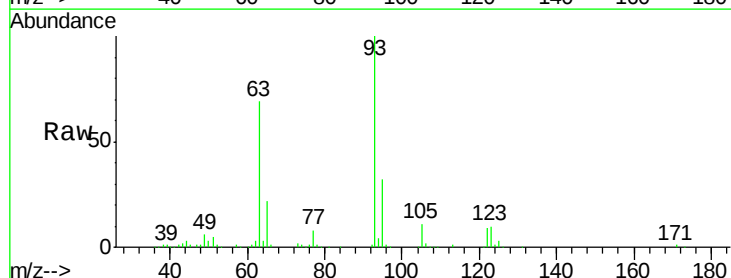
Tgt Ion: 93 Resp: 372477

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

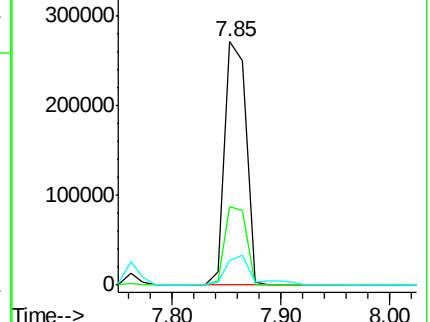
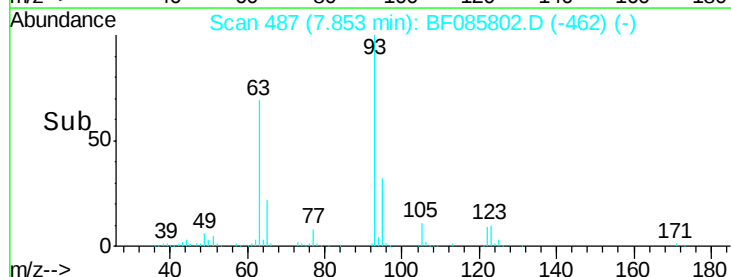
123 10.1 9.8 14.6

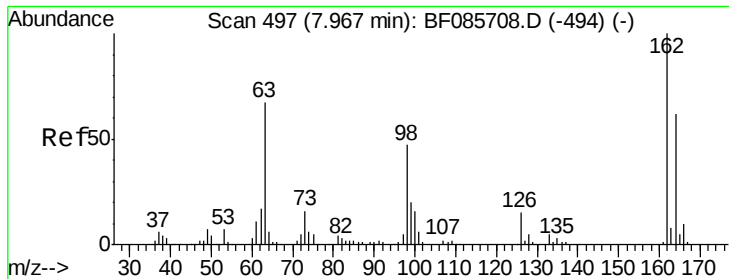


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

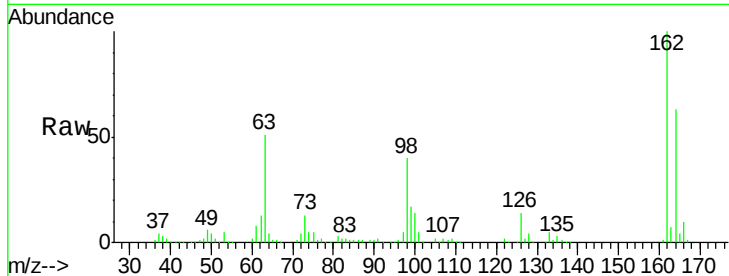




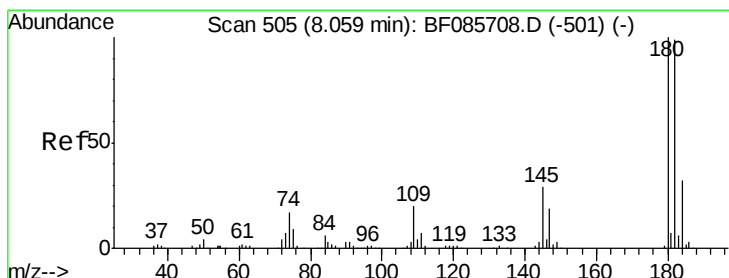
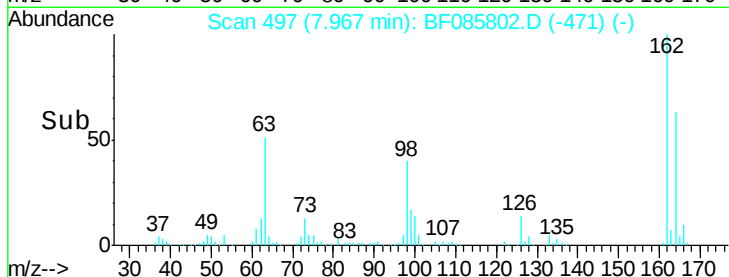
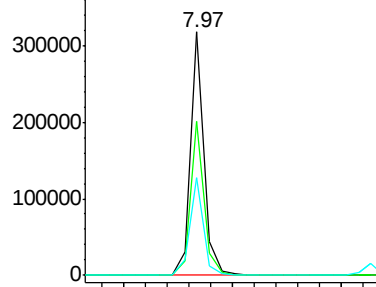
#29
2,4-Dichlorophenol
Concen: 39.64 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.7	83.7
98	40.1	20.4	60.4

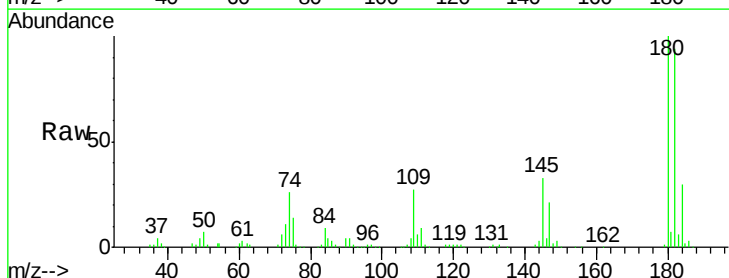


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

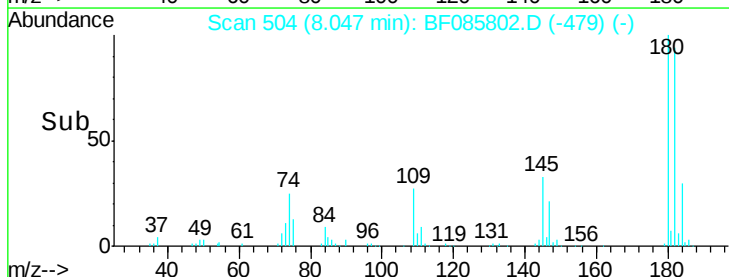
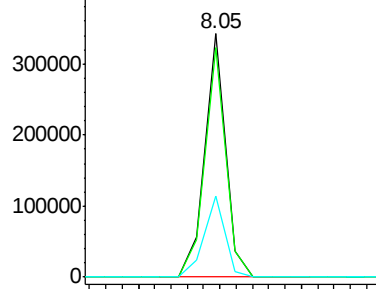


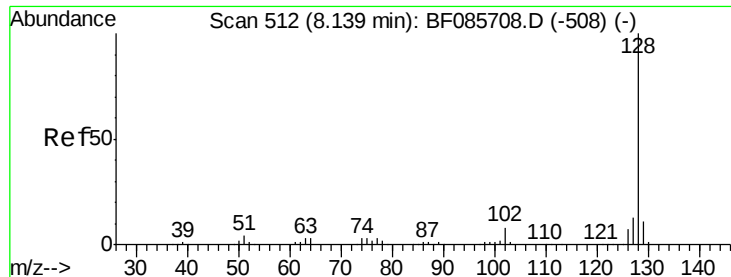
#30
1,2,4-Trichlorobenzene
Concen: 38.68 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	73.8	110.8
145	33.2	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

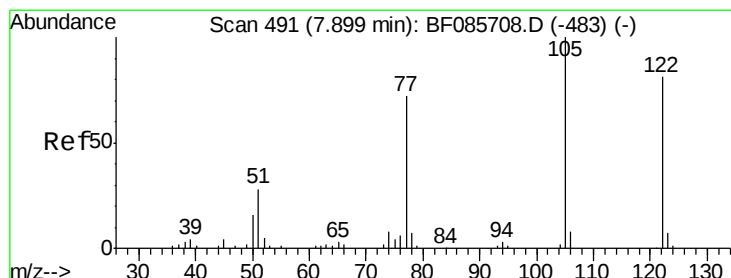
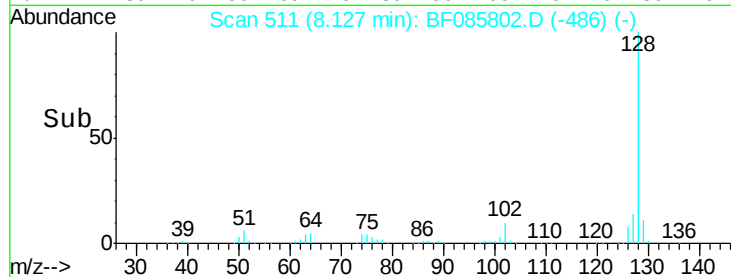
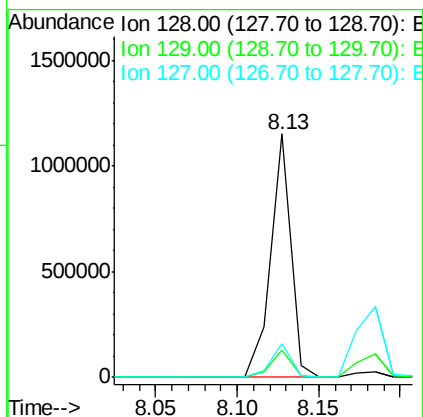
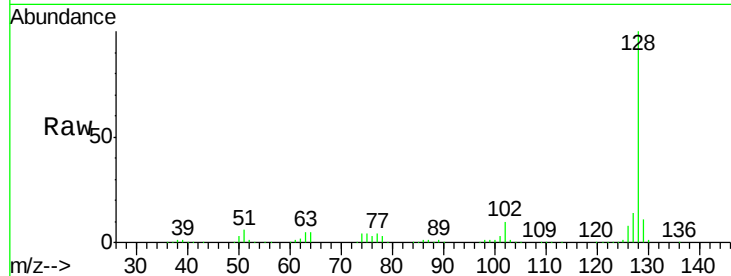




#31
Naphthalene
Concen: 38.16 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

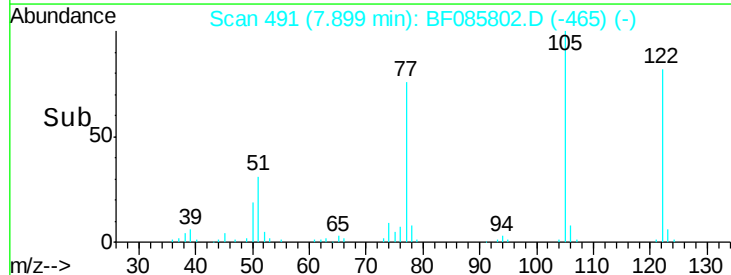
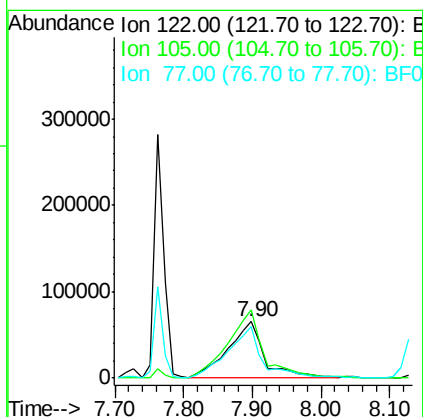
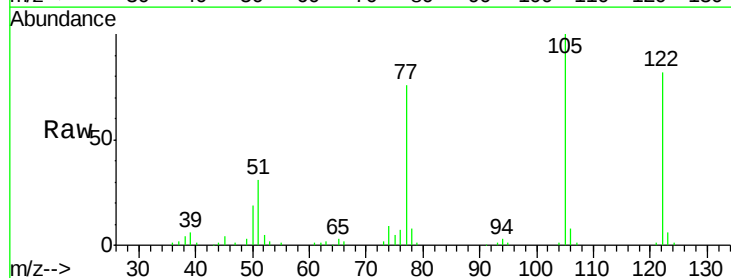
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

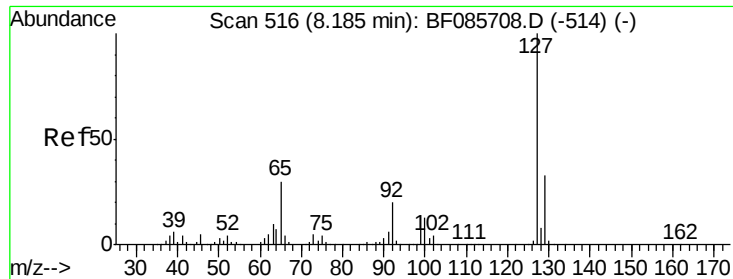
Tgt Ion:128 Resp: 996663
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 42.38 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:122 Resp: 233546
Ion Ratio Lower Upper
122 100
105 121.3 102.9 142.9
77 91.7 71.8 111.8

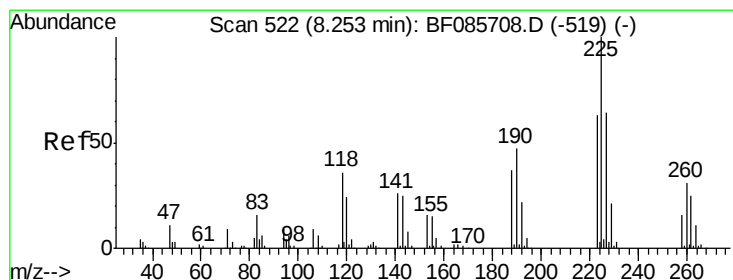
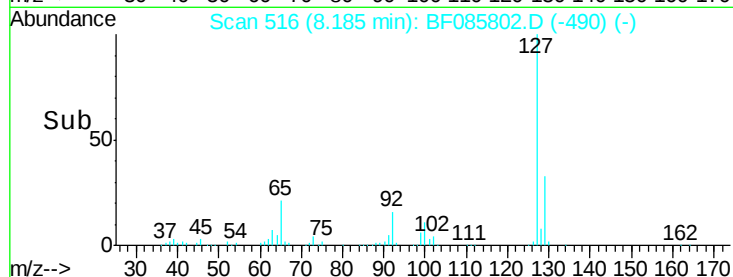
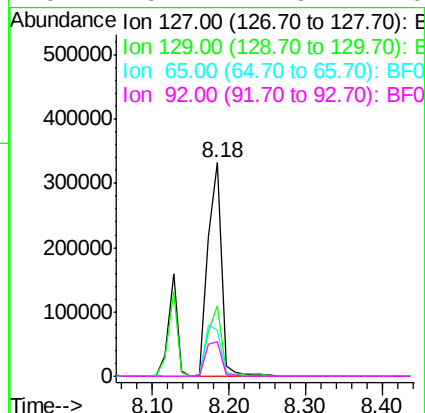
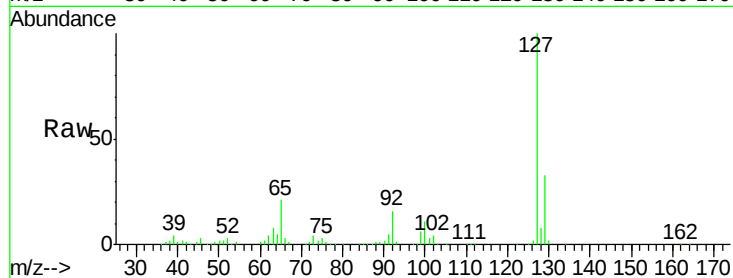




#33
4-Chloroaniline
Concen: 37.61 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

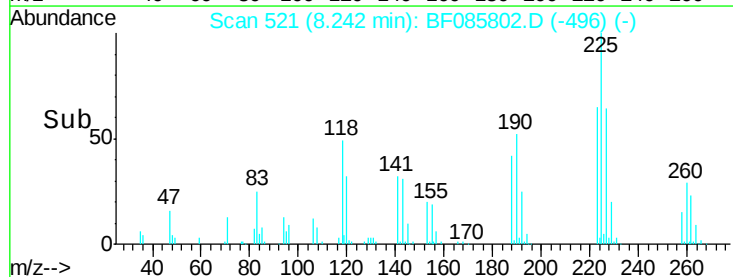
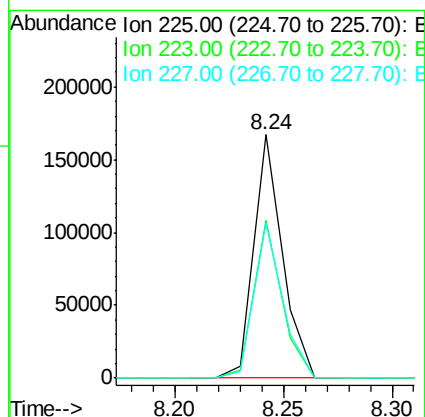
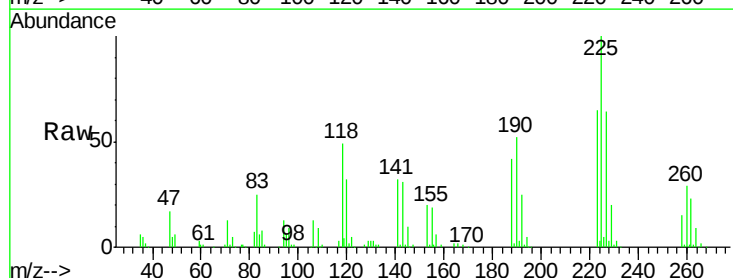
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

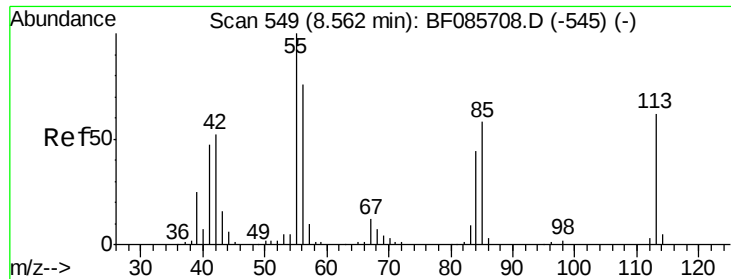
Tgt Ion:	127	Resp:	401085
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	21.4	19.5	29.3
92	16.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 36.21 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:	225	Resp:	152397
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.4	75.6
227	63.9	51.4	77.2

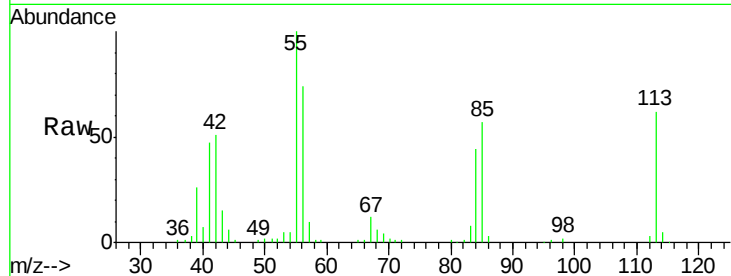




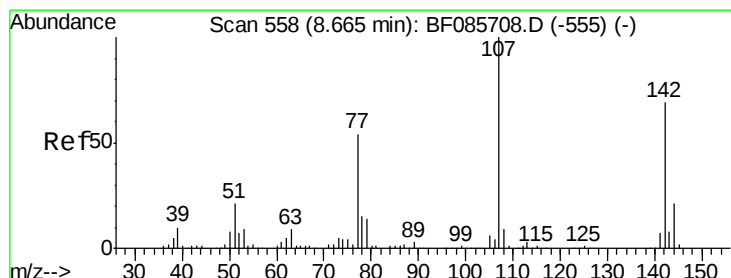
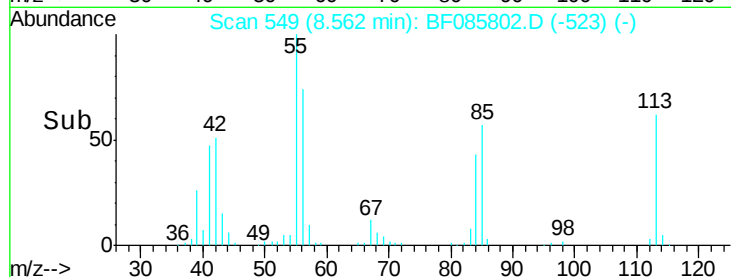
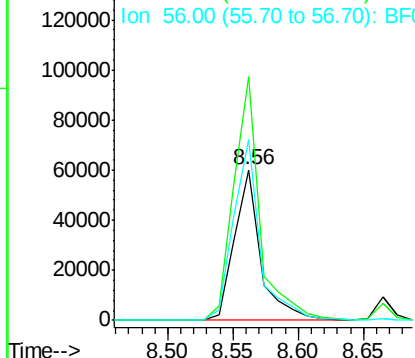
#35
 Caprolactam
 Concen: 33.68 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 83223
 Ion Ratio Lower Upper
 113 100
 55 162.1 139.4 179.4
 56 120.6 100.4 140.4

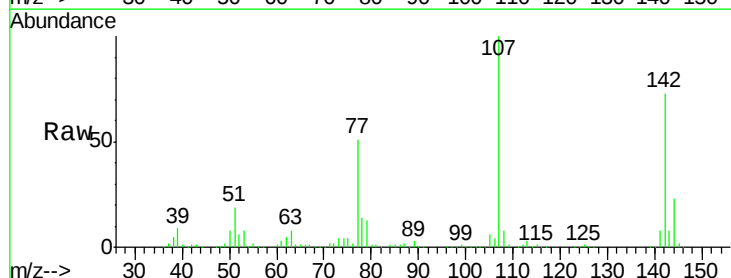


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

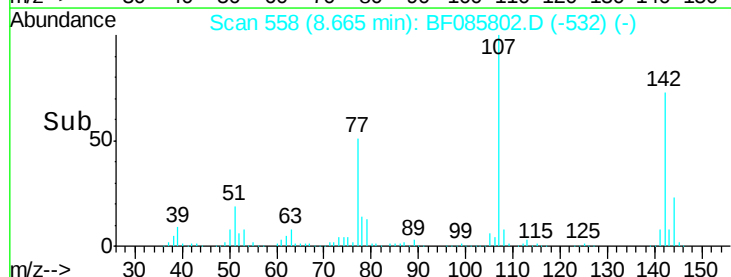
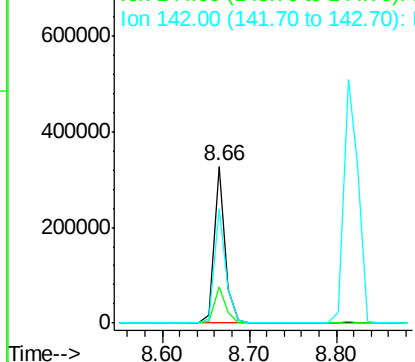


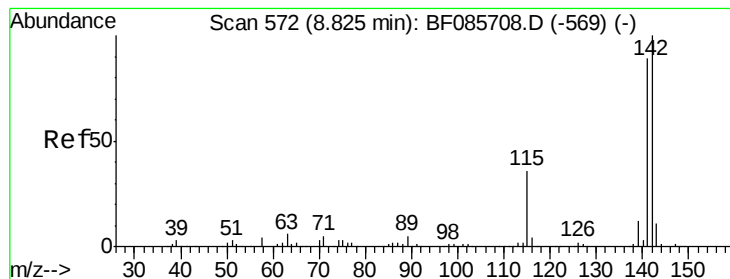
#36
 4-Chloro-3-methylphenol
 Concen: 36.17 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:107 Resp: 294708
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 73.2 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.67 ng

RT: 8.81 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

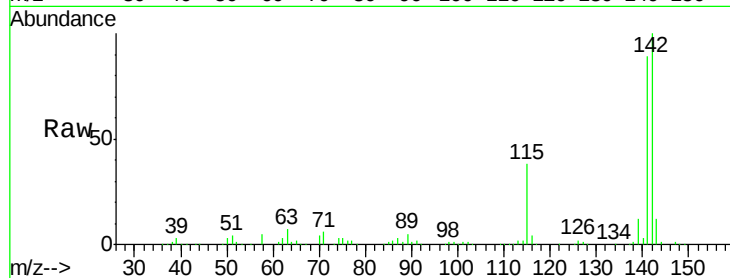
Tgt Ion:142 Resp: 596804

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4

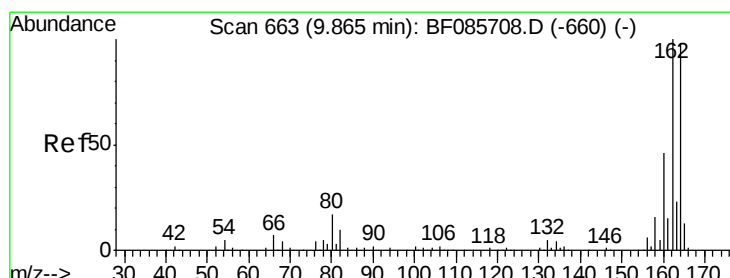
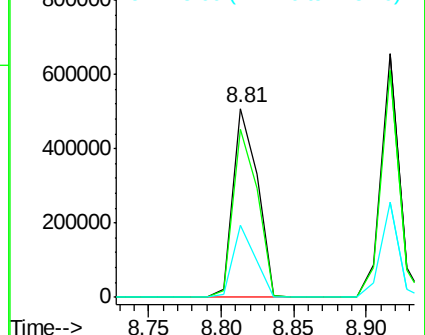
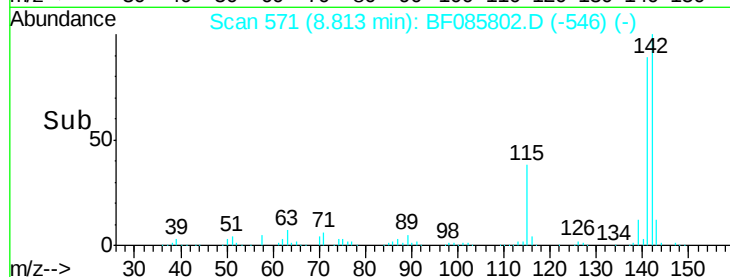
115 37.8 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

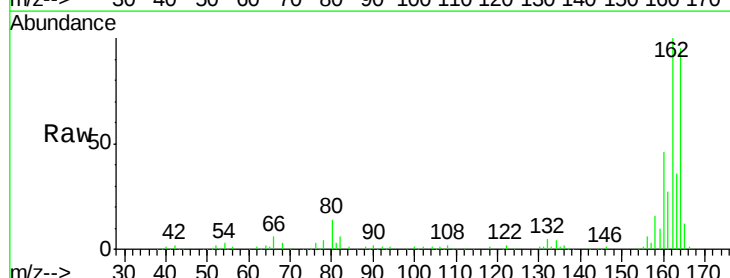
Tgt Ion:164 Resp: 221557

Ion Ratio Lower Upper

164 100

162 105.4 82.1 123.1

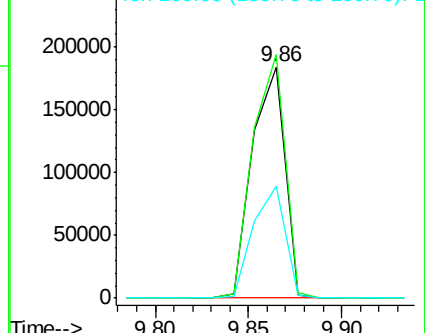
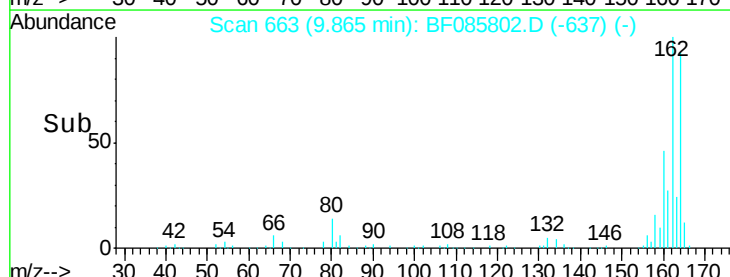
160 48.6 37.4 56.2

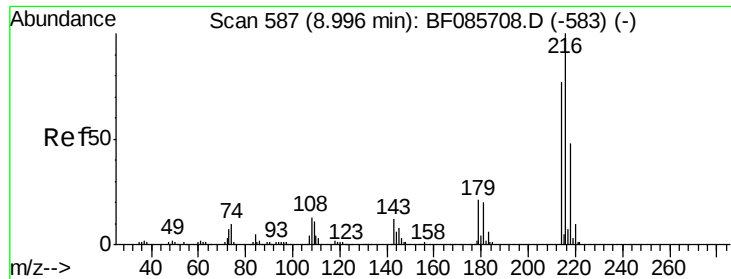


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.37 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 271840

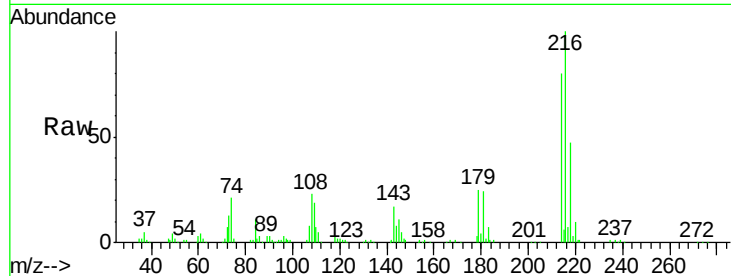
Ion Ratio Lower Upper

216 100

214 79.4 63.1 94.7

179 24.1 18.2 27.2

108 22.9 17.3 25.9

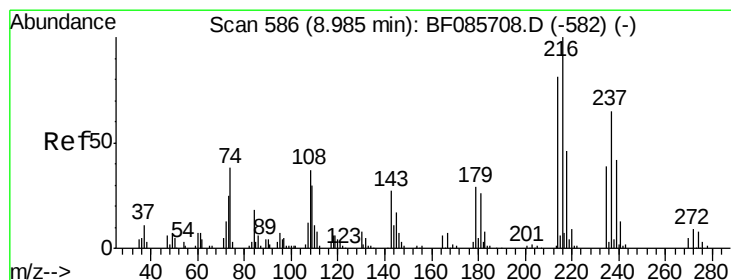
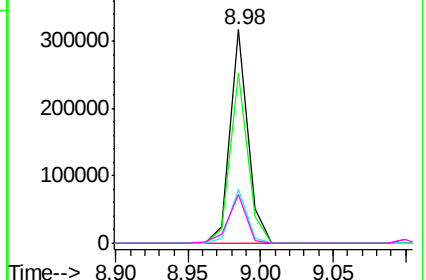
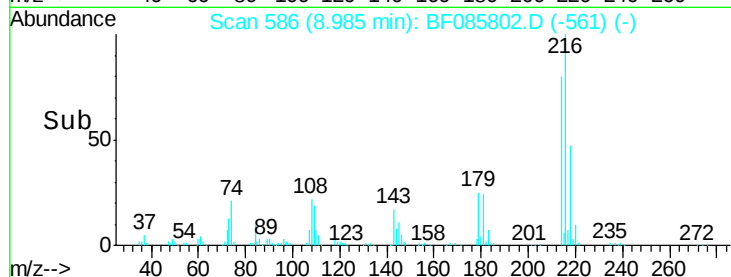


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.85 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

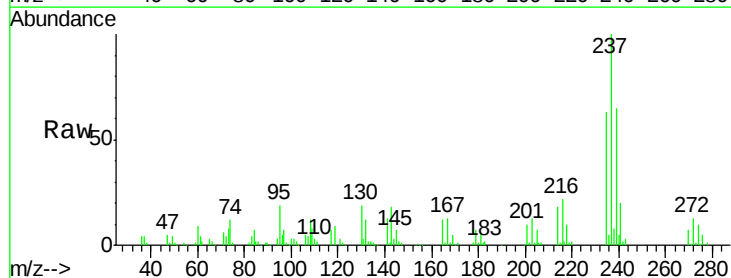
Tgt Ion:237 Resp: 91774

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

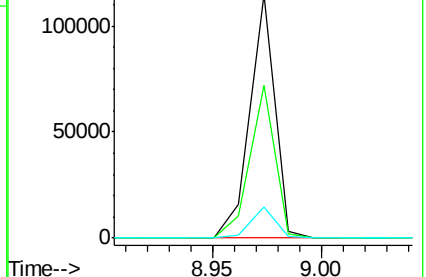
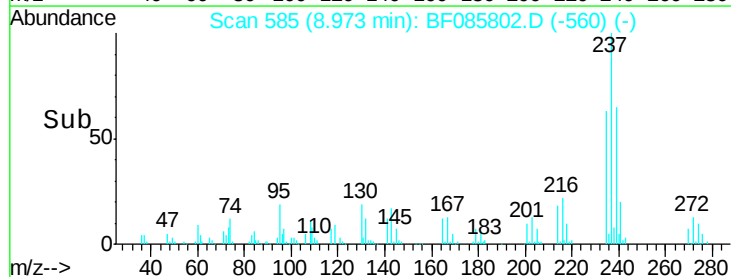
272 12.8 0.0 31.9

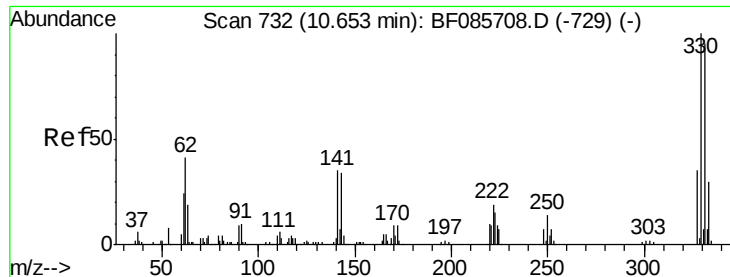


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

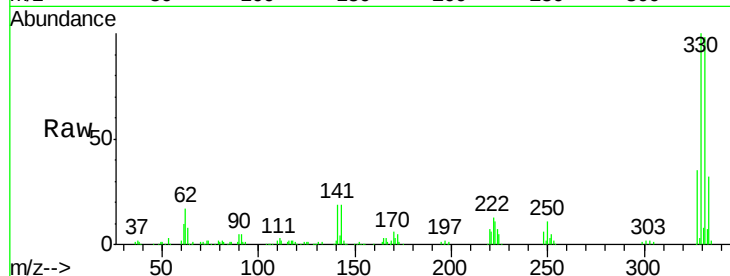




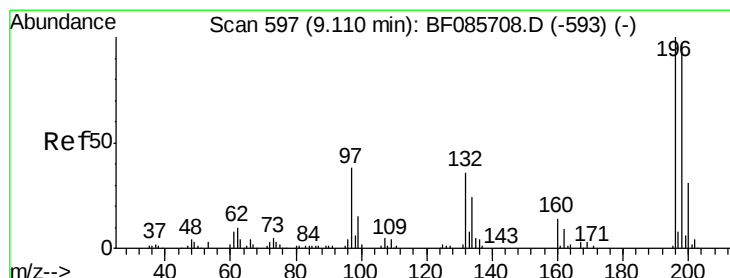
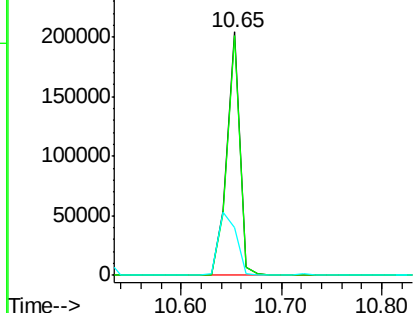
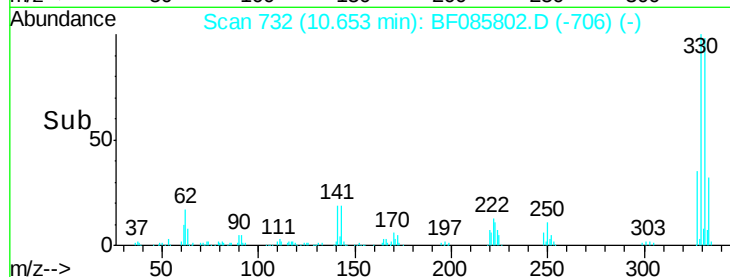
#41
 2,4,6-Tribromophenol
 Concen: 87.67 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 184558
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.2 117.2
 141 35.8 31.5 47.3

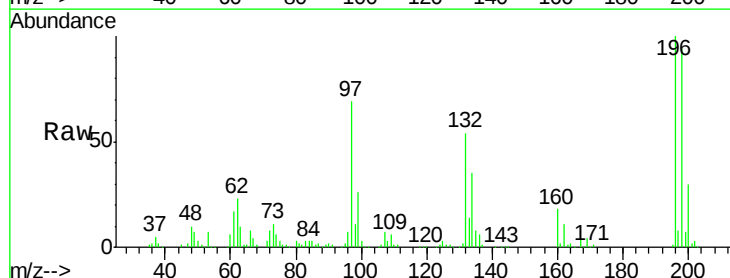


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

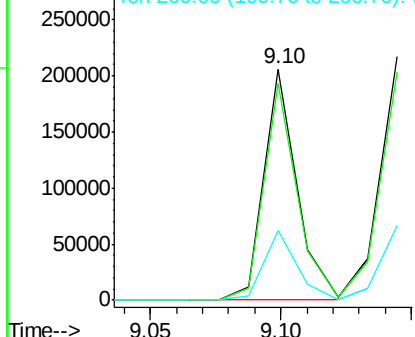
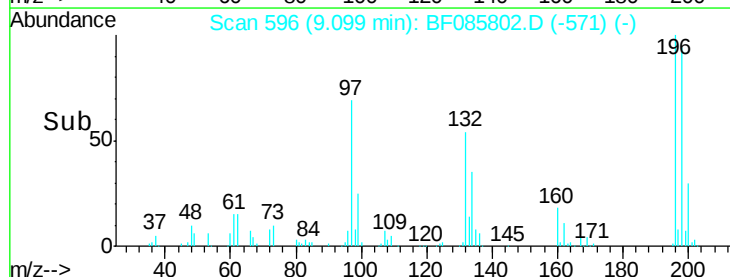


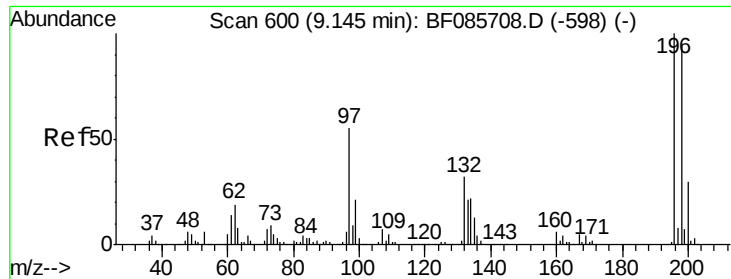
#42
 2,4,6-Trichlorophenol
 Concen: 41.01 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:196 Resp: 181972
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.3 112.9
 200 29.9 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

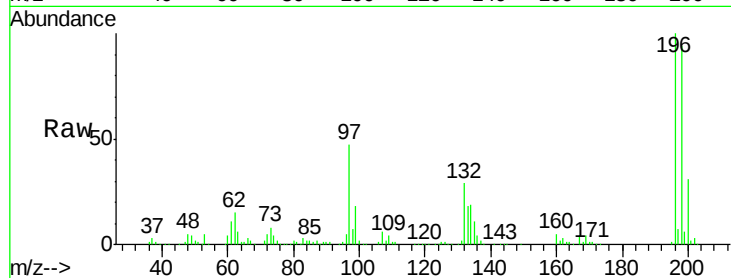




#43
 2,4,5-Trichlorophenol
 Concen: 41.94 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.6	114.8
97	47.4	30.5	45.7
132	28.7	20.2	30.2



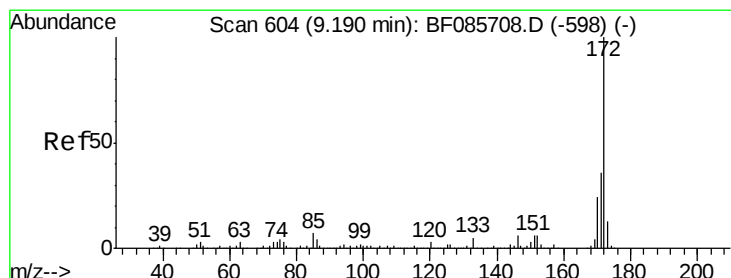
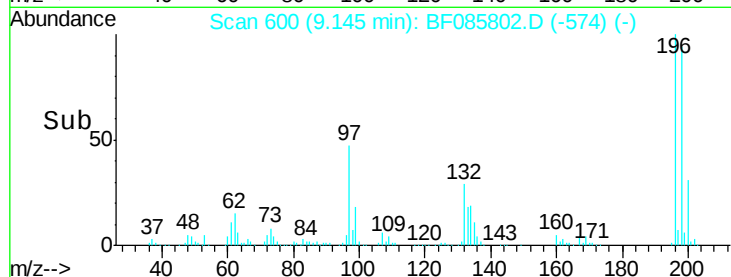
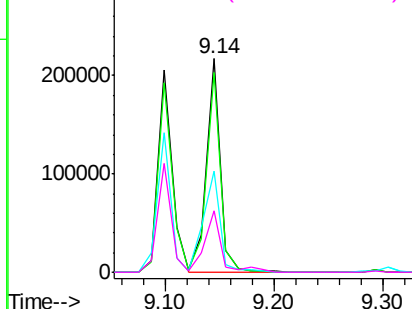
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

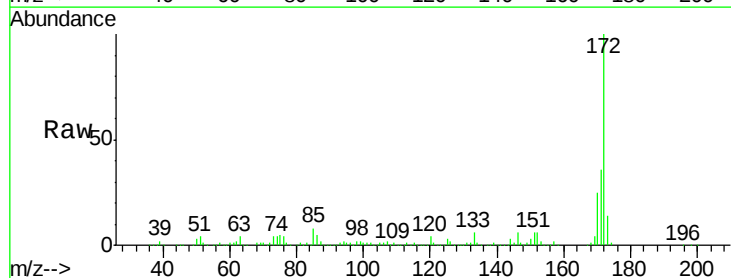
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.36 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	24.5	19.8	29.6

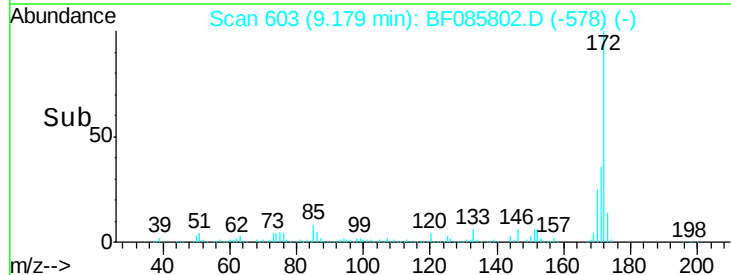
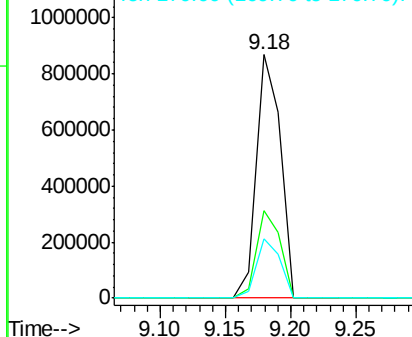


Abundance

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

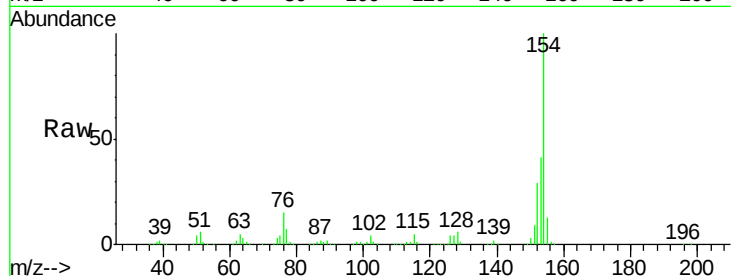




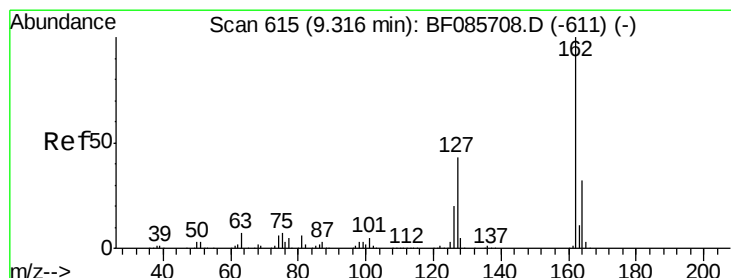
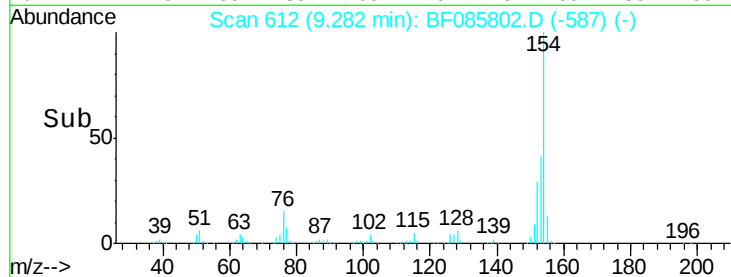
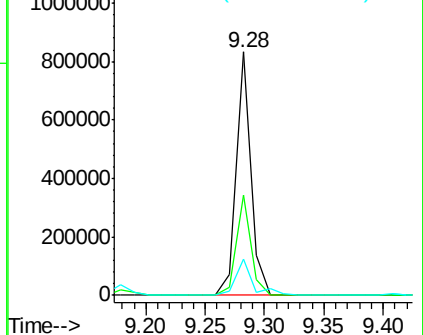
#45
 1,1'-Biphenyl
 Concen: 38.39 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 717801
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.8 60.8
 76 14.6 0.0 36.7

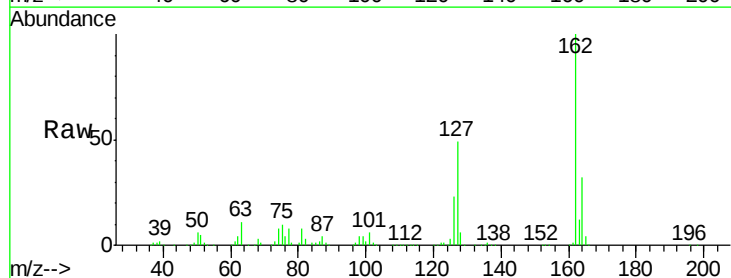


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

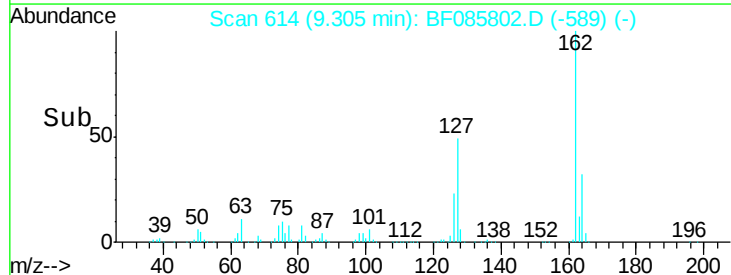
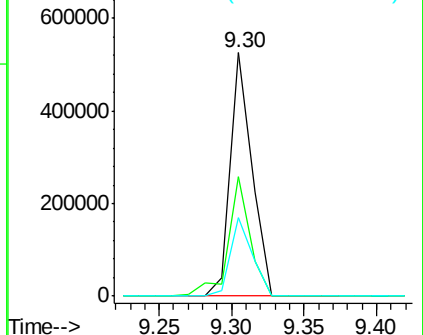


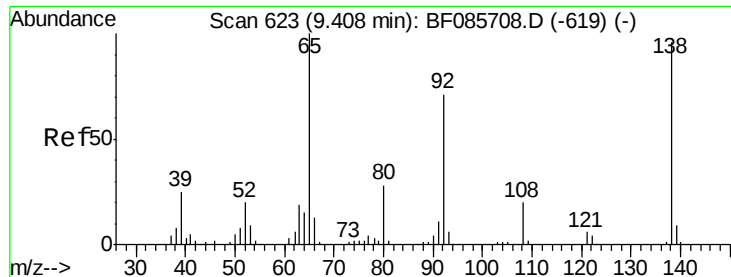
#46
 2-Chloronaphthalene
 Concen: 39.63 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:162 Resp: 544752
 Ion Ratio Lower Upper
 162 100
 127 49.3 31.7 47.5#
 164 32.3 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

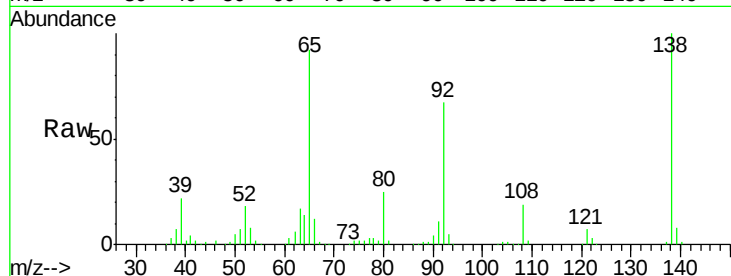




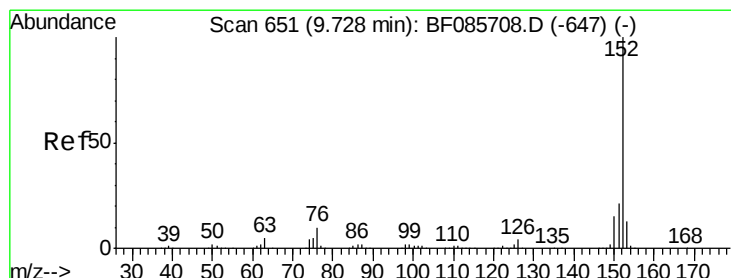
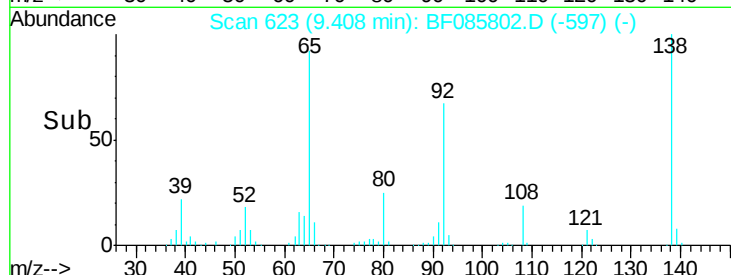
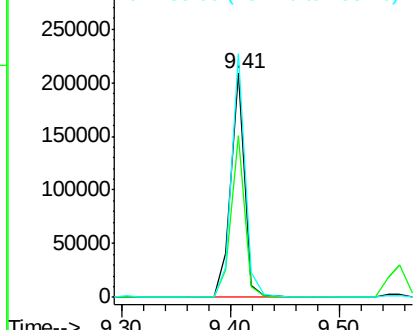
#47
2-Nitroaniline
Concen: 43.23 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 181718
Ion Ratio Lower Upper
65 100
92 72.4 59.7 89.5
138 108.7 91.4 137.0

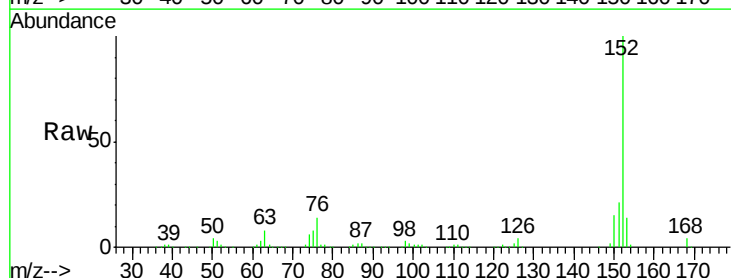


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

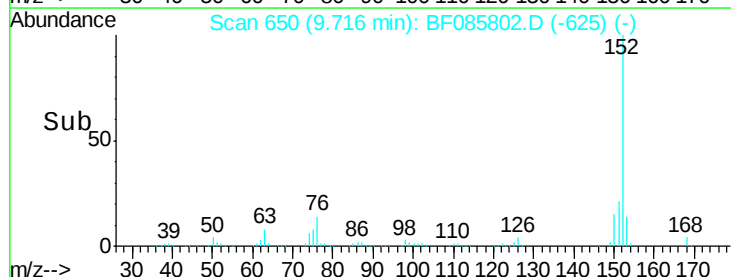
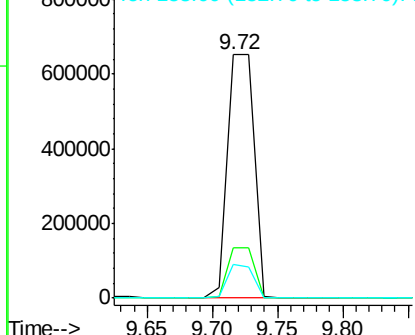


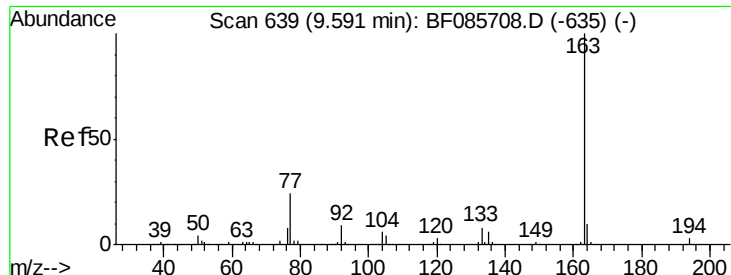
#48
Acenaphthylene
Concen: 40.92 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion: 152 Resp: 916611
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

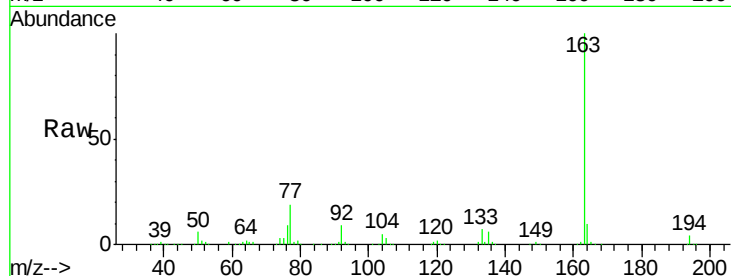




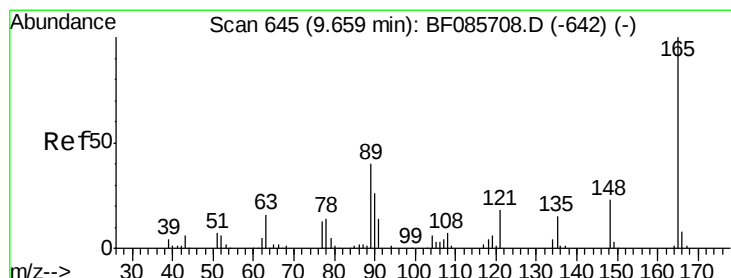
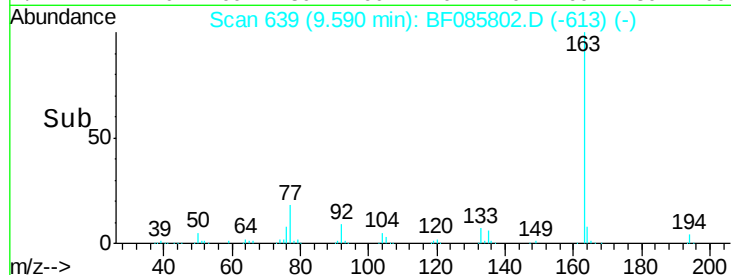
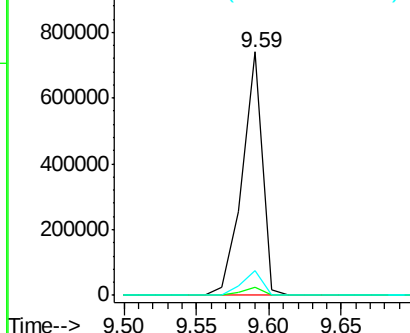
#49
Dimethylphthalate
Concen: 42.39 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 712546
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.1 8.3 12.5

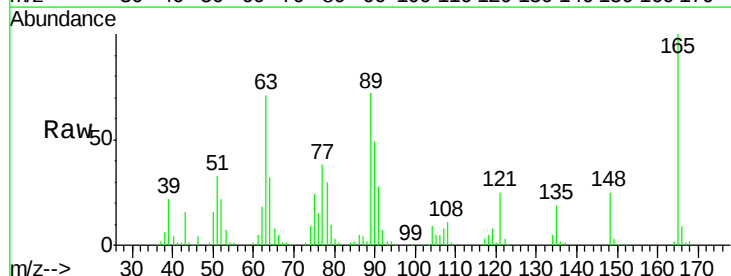


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

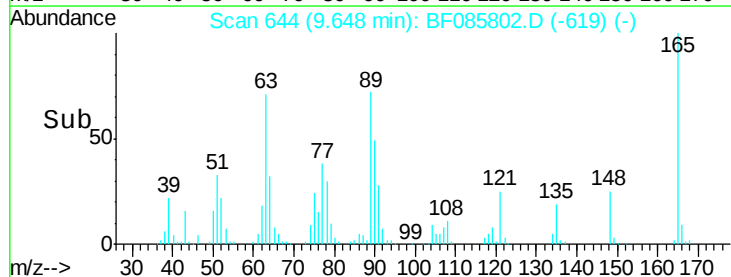
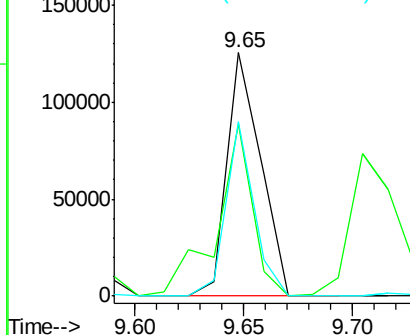


#50
2,6-Dinitrotoluene
Concen: 37.21 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:165 Resp: 134626
Ion Ratio Lower Upper
165 100
63 70.8 51.8 77.8
89 71.9 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: 40.58 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

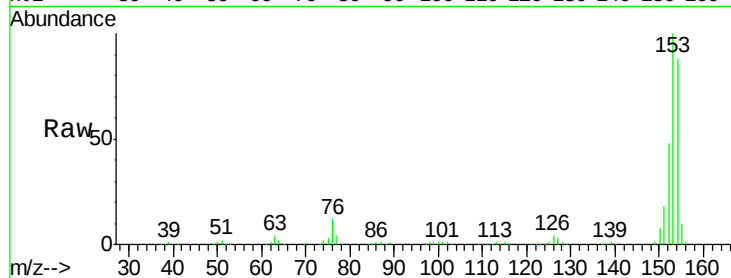
Tgt Ion:154 Resp: 555243

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

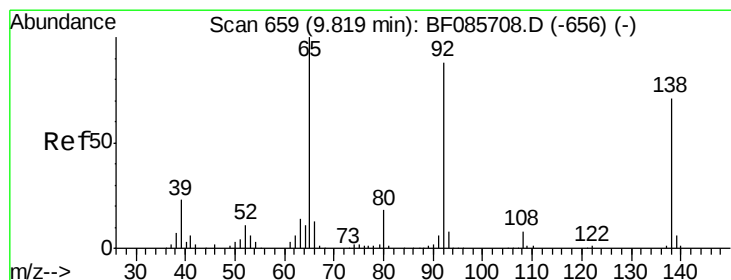
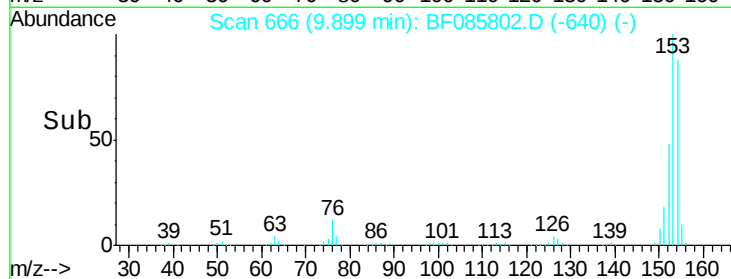
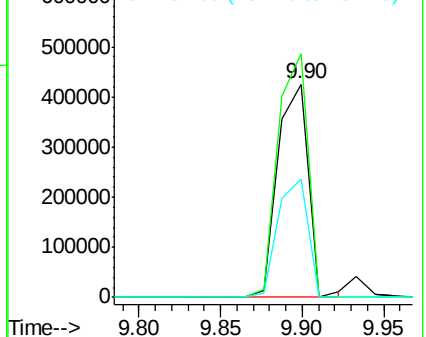
152 55.2 44.2 66.2



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: 39.64 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

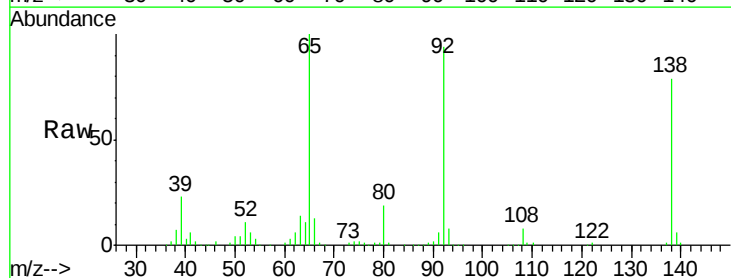
Tgt Ion:138 Resp: 164192

Ion Ratio Lower Upper

138 100

108 10.4 8.7 13.1

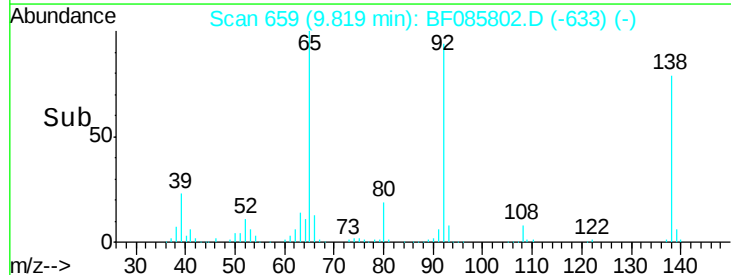
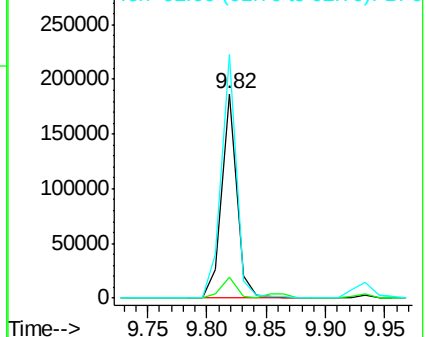
92 119.1 93.3 139.9



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

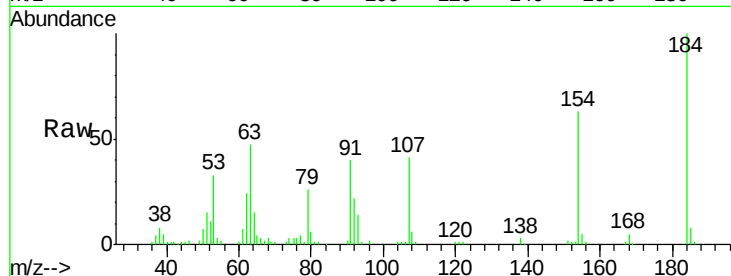




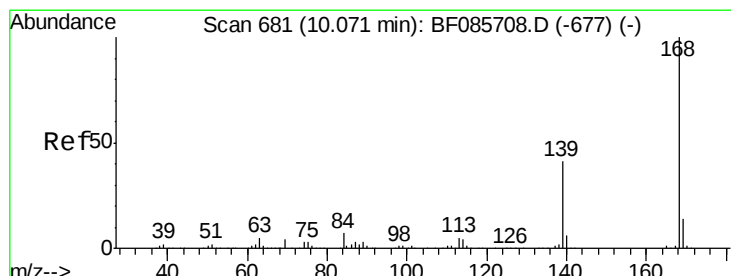
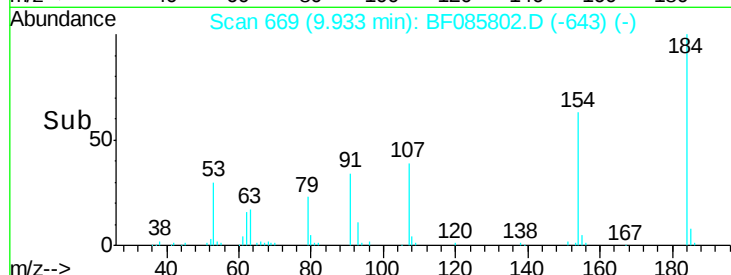
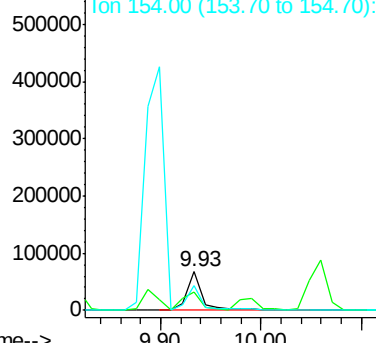
#53
2,4-Dinitrophenol
Concen: 42.21 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 71528
Ion Ratio Lower Upper
184 100
63 46.6 69.5 104.3#
154 62.7 58.3 87.5

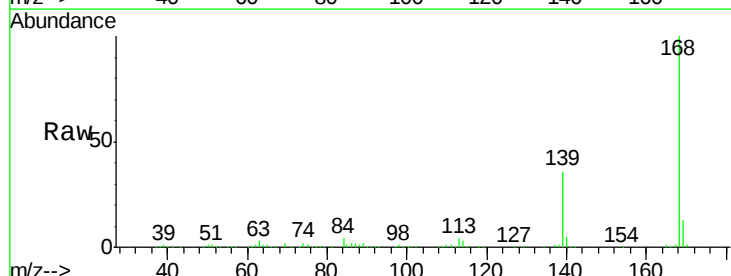


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

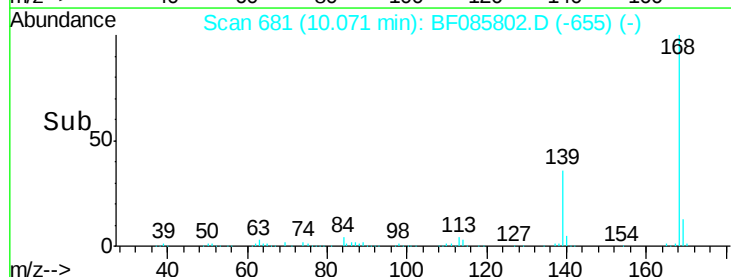
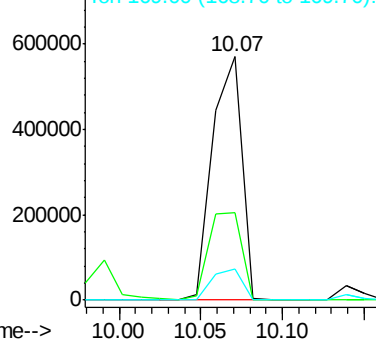


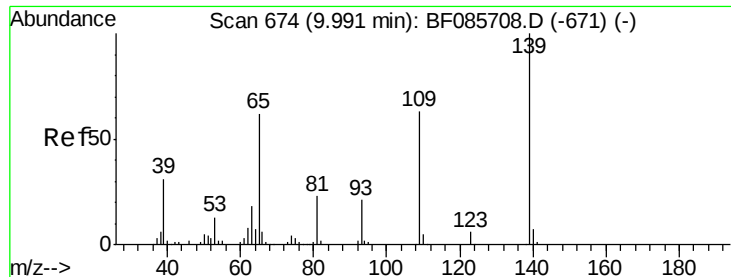
#54
Dibenzofuran
Concen: 40.07 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:168 Resp: 709560
Ion Ratio Lower Upper
168 100
139 35.7 31.9 47.9
169 12.7 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: 41.03 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

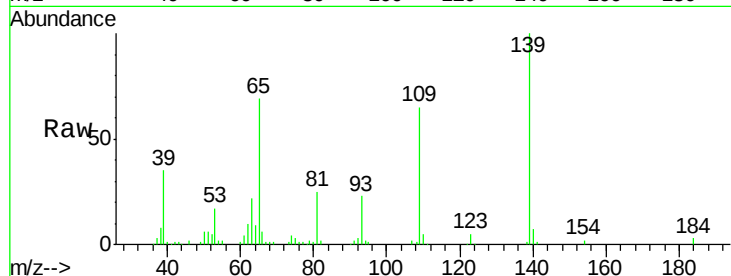
Tgt Ion:139 Resp: 110704

Ion Ratio Lower Upper

139 100

109 65.3 49.2 89.2

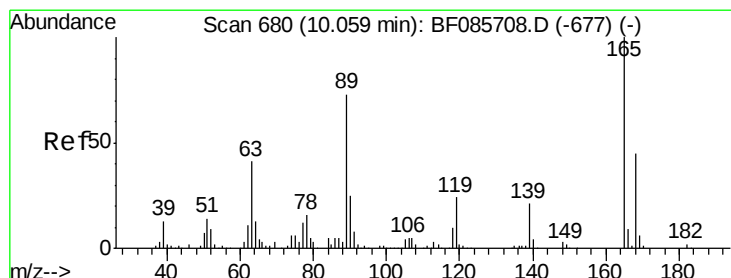
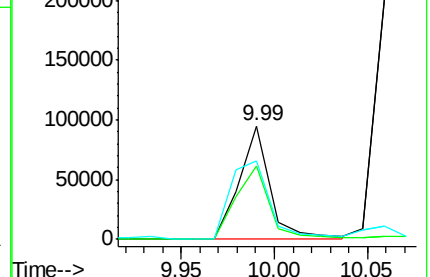
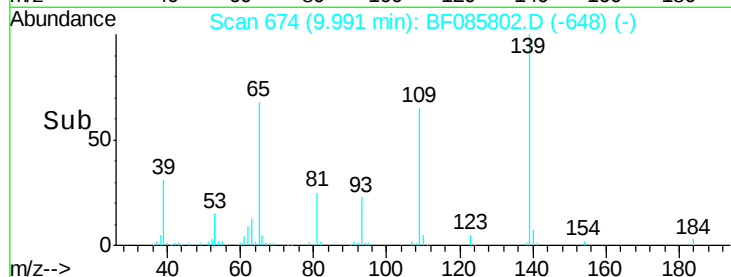
65 69.0 66.9 106.9



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: 44.13 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:165 Resp: 202961

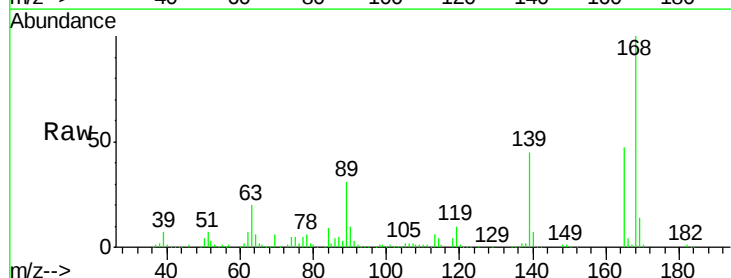
Ion Ratio Lower Upper

165 100

63 42.5 24.9 37.3#

89 65.7 41.0 61.6#

182 2.7 2.1 3.1

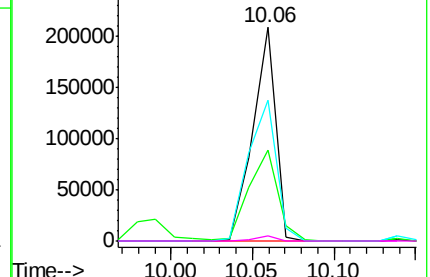
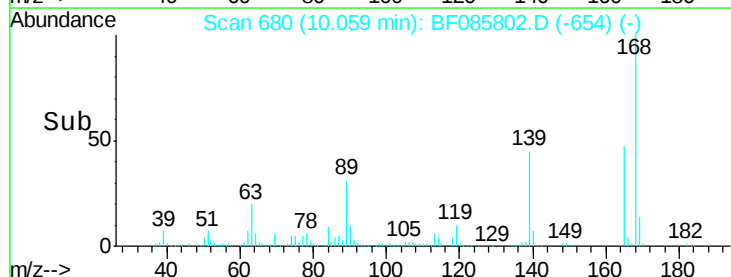


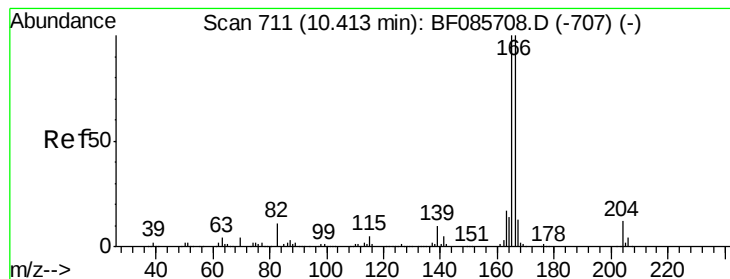
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.08 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

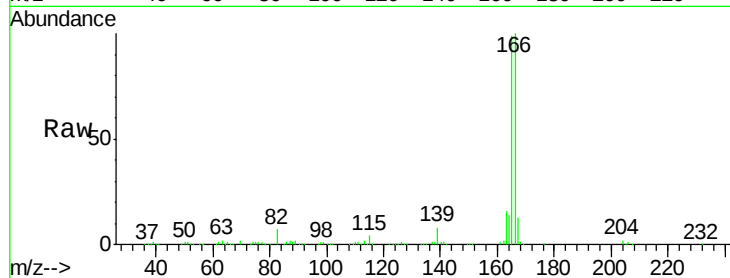
Tgt Ion:166 Resp: 589968

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

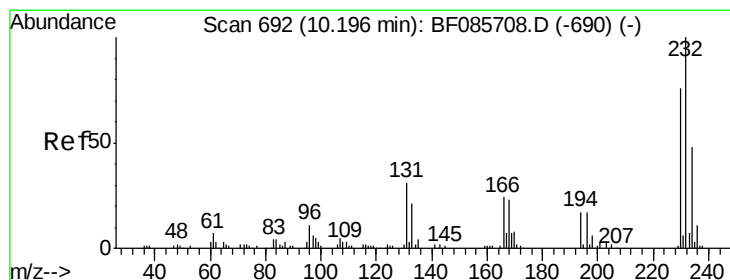
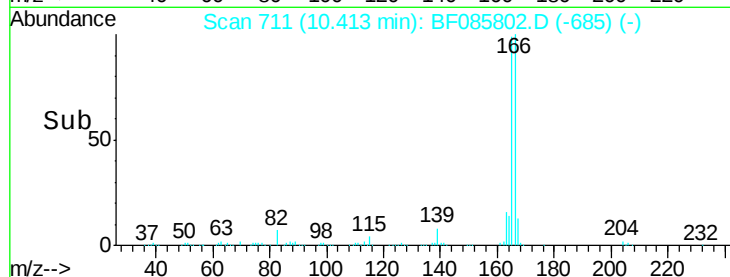
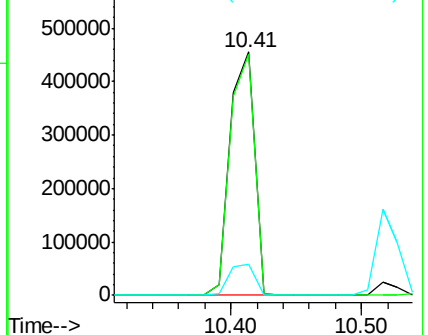
167 12.9 11.0 16.4



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: 40.88 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:232 Resp: 132224

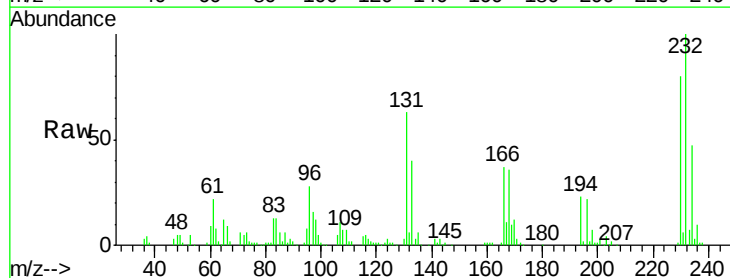
Ion Ratio Lower Upper

232 100

131 56.6 44.9 67.3

130 3.0 2.3 3.5

166 35.2 28.1 42.1

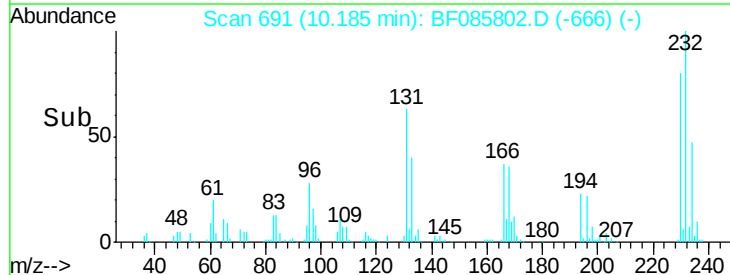
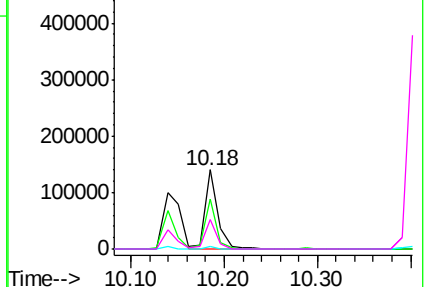


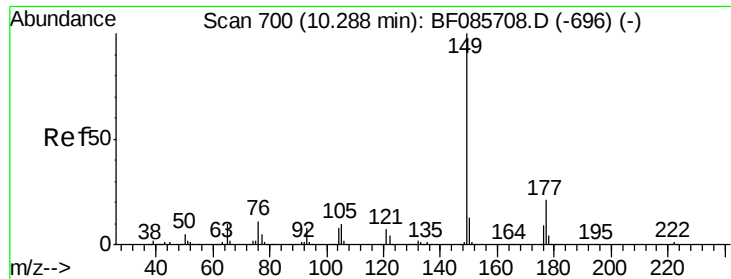
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

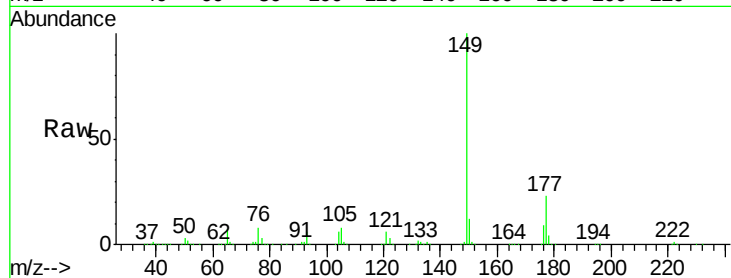




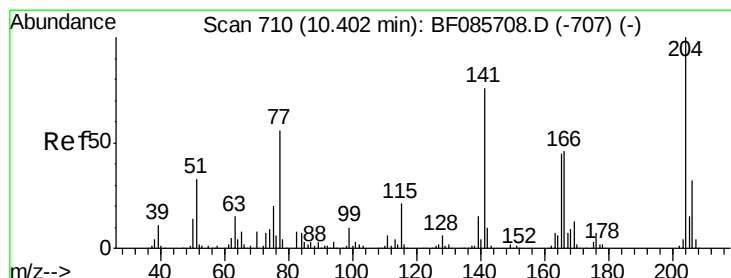
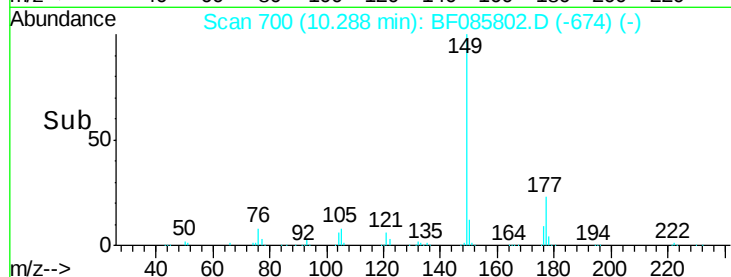
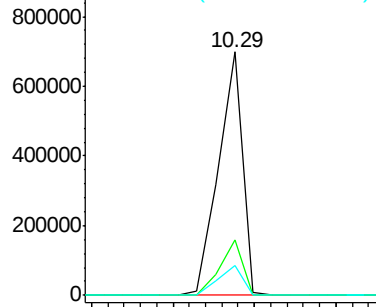
#59
Diethylphthalate
Concen: 42.73 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 709702
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.3 10.2 15.2

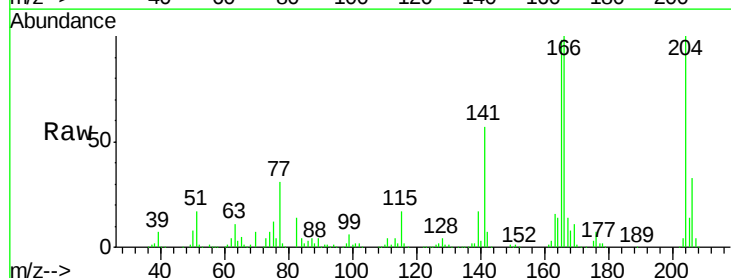


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

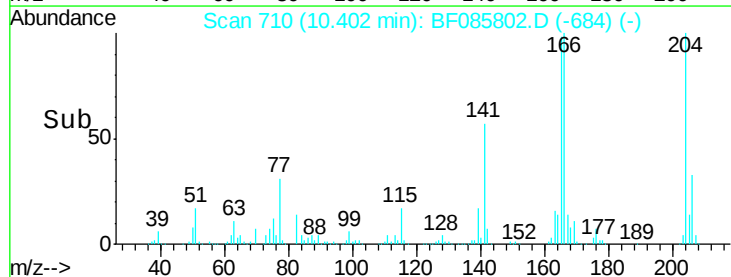
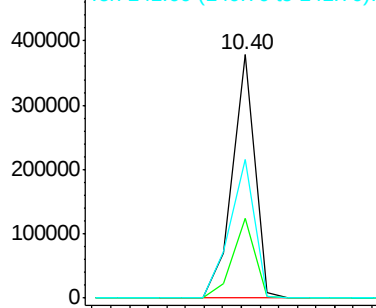


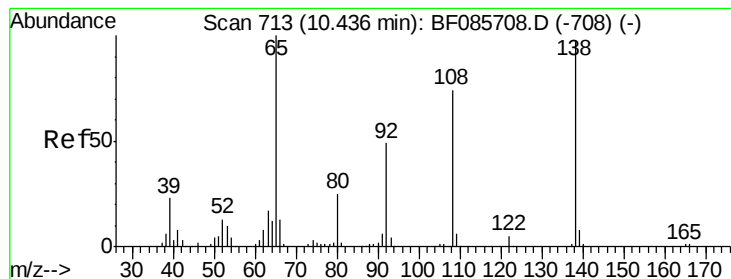
#60
4-Chlorophenyl-phenylether
Concen: 43.54 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:204 Resp: 313363
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 57.2 57.4 86.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.51 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

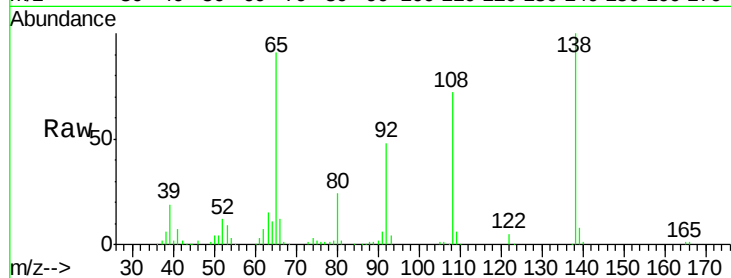
Tgt Ion:138 Resp: 180290

Ion Ratio Lower Upper

138 100

92 48.0 26.4 66.4

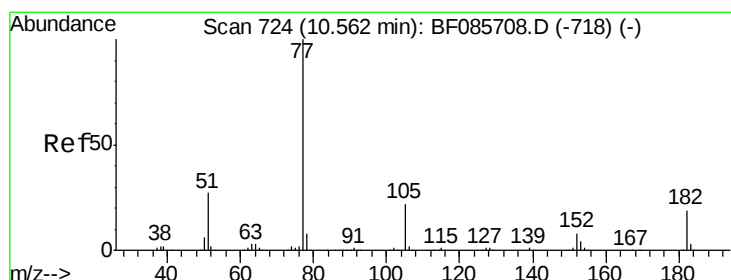
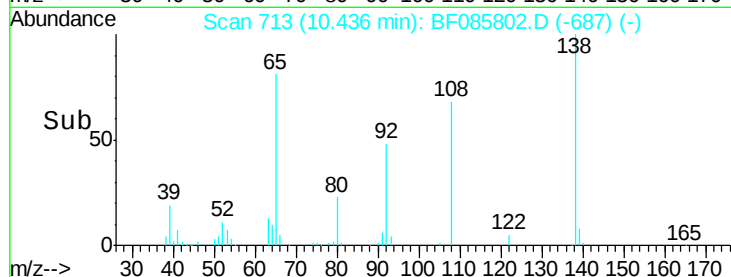
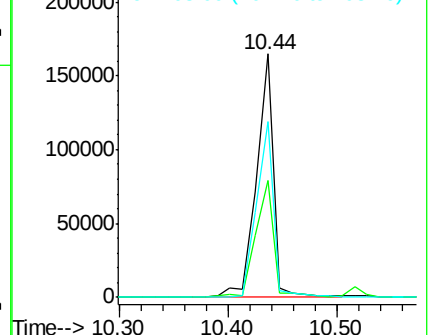
108 72.0 49.0 89.0



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: 44.15 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion: 77 Resp: 704612

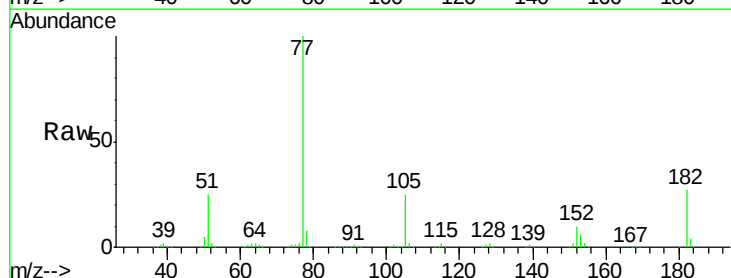
Ion Ratio Lower Upper

77 100

182 27.5 1.9 41.9

105 24.7 3.5 43.5

51 24.5 6.3 46.3

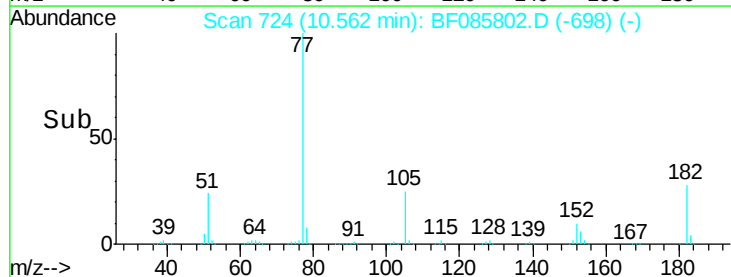
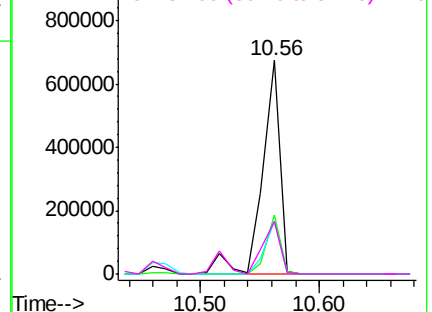


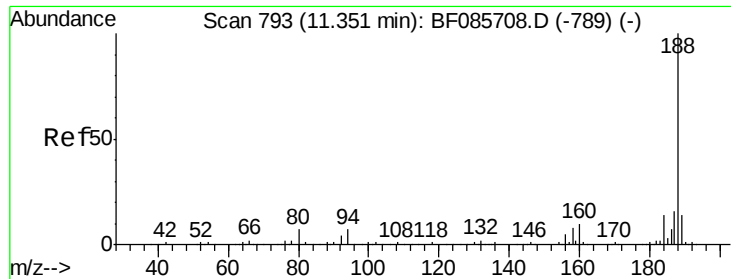
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

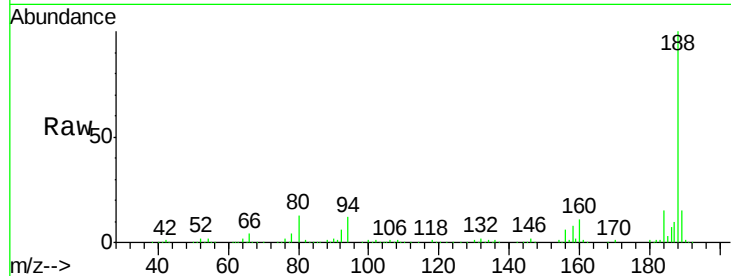




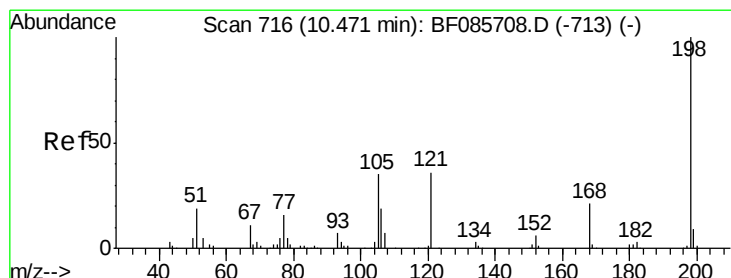
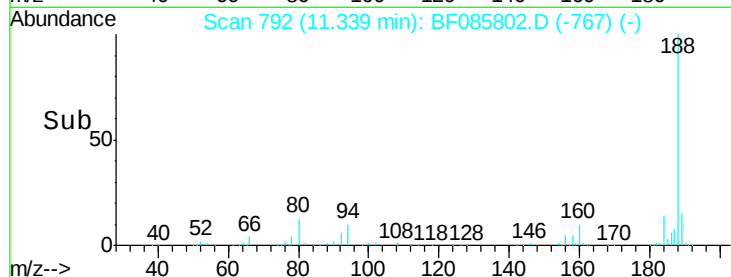
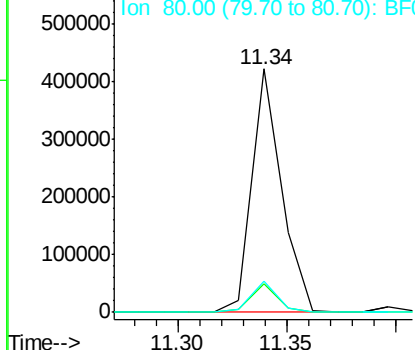
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:188 Resp: 401467
 Ion Ratio Lower Upper
 188 100
 94 11.6 5.4 8.0#
 80 12.8 5.5 8.3#

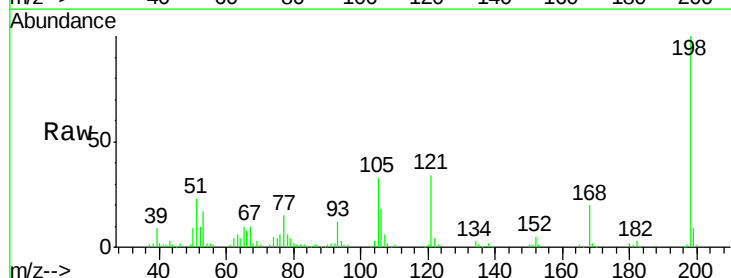


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

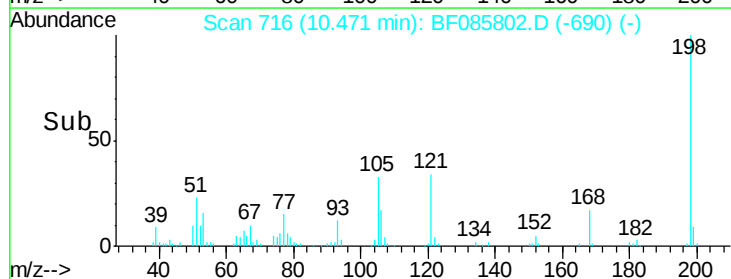
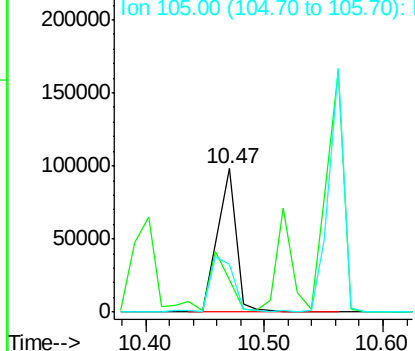


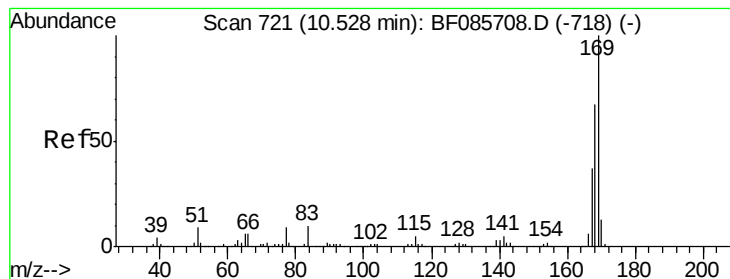
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.19 ng
 RT: 10.47 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:198 Resp: 106240
 Ion Ratio Lower Upper
 198 100
 51 22.6 45.4 85.4#
 105 33.1 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

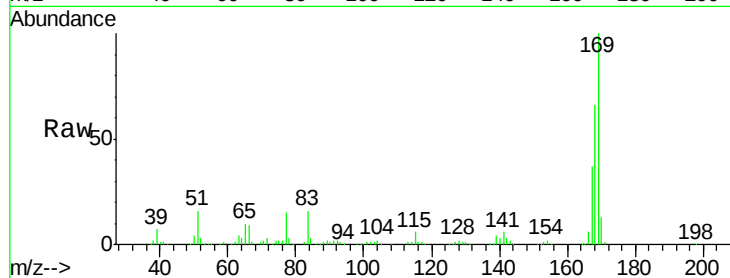




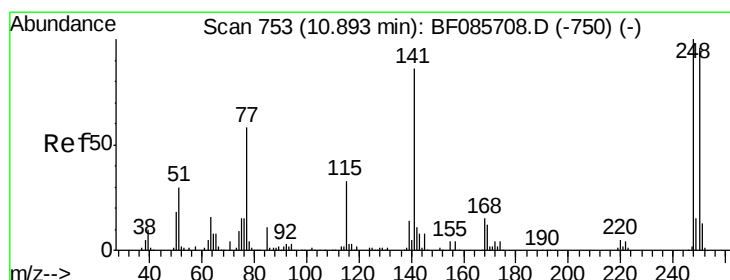
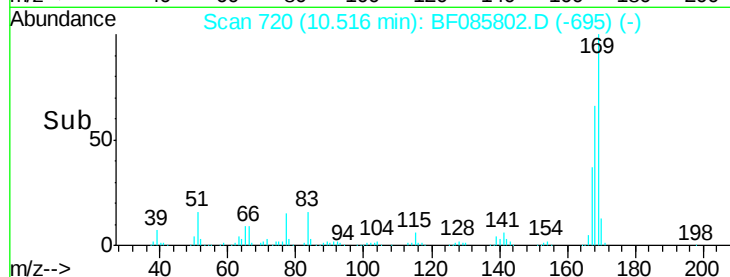
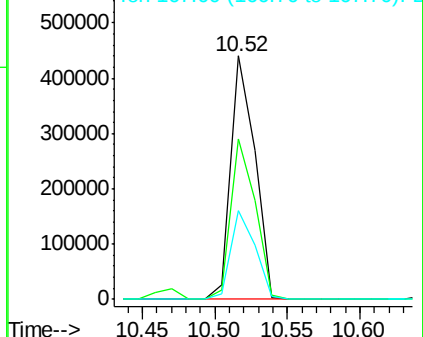
#65
n-Nitrosodiphenylamine
Concen: 39.81 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:169 Resp: 506258
Ion Ratio Lower Upper
169 100
168 65.8 54.4 81.6
167 36.6 29.4 44.0

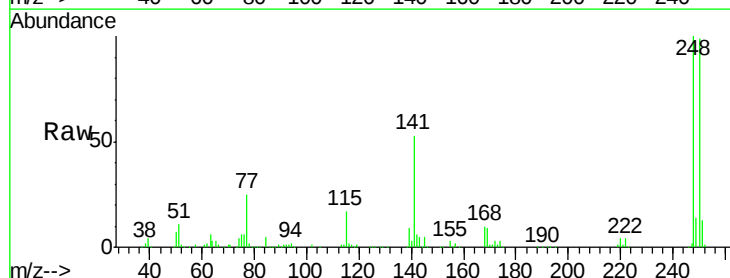


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

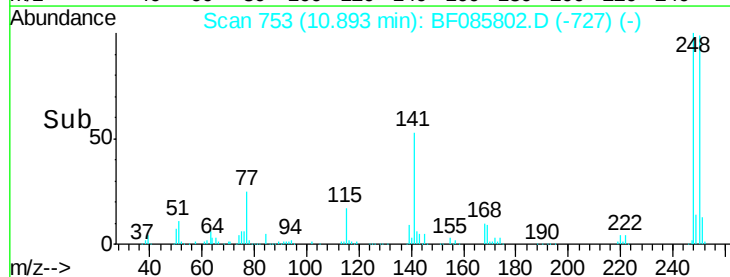
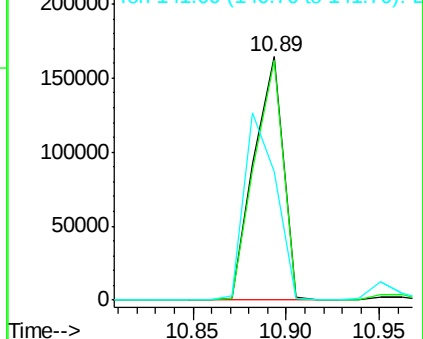


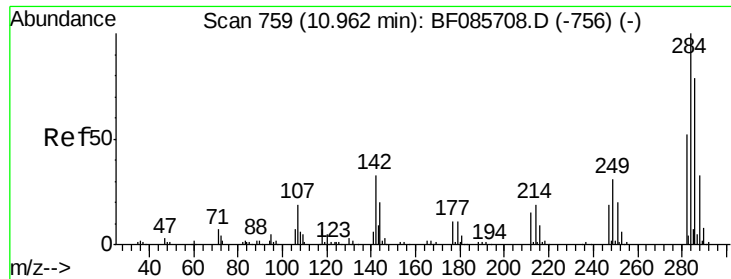
#66
4-Bromophenyl-phenylether
Concen: 43.41 ng
RT: 10.89 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:248 Resp: 178289
Ion Ratio Lower Upper
248 100
250 98.6 77.4 116.0
141 52.7 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

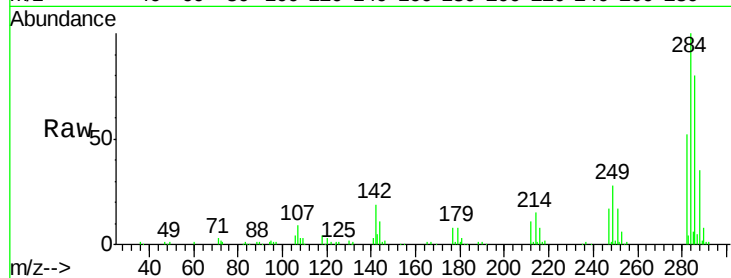




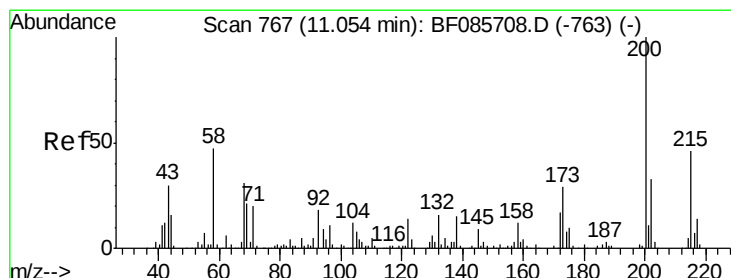
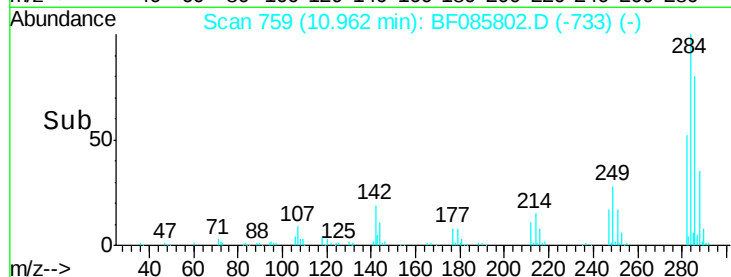
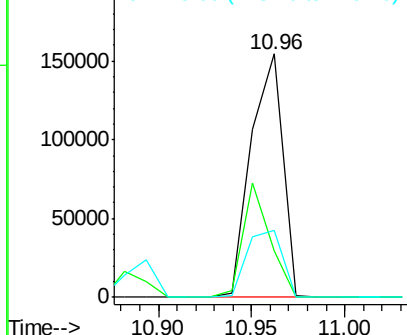
#67
Hexachlorobenzene
Concen: 42.29 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 181651
Ion Ratio Lower Upper
284 100
142 19.1 23.1 34.7#
249 27.5 24.2 36.2

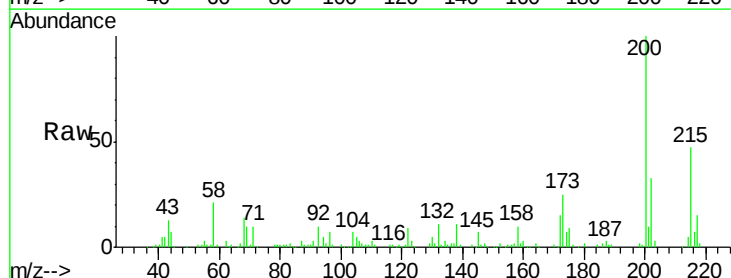


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

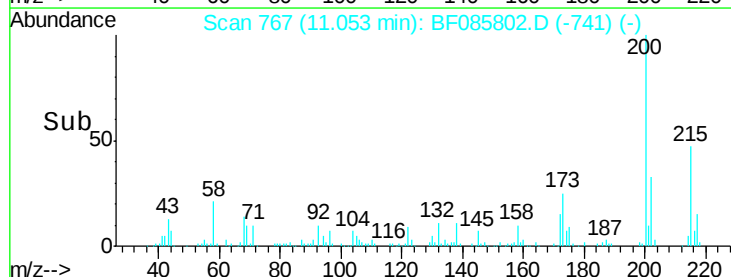
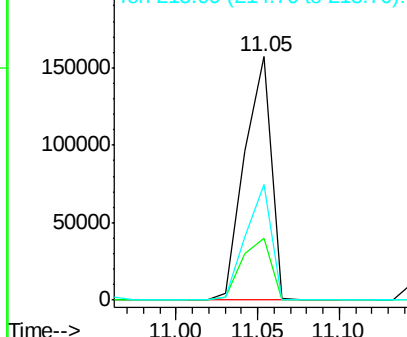


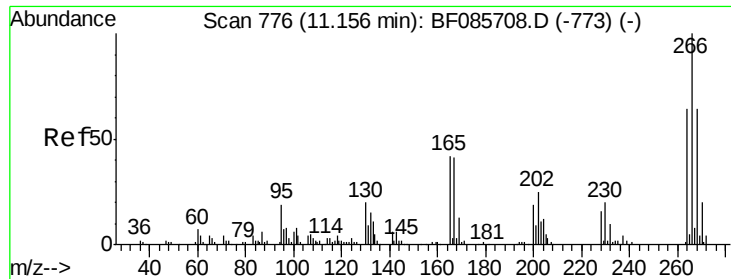
#68
Atrazine
Concen: 41.39 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion: 200 Resp: 177670
Ion Ratio Lower Upper
200 100
173 25.5 7.7 47.7
215 47.4 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

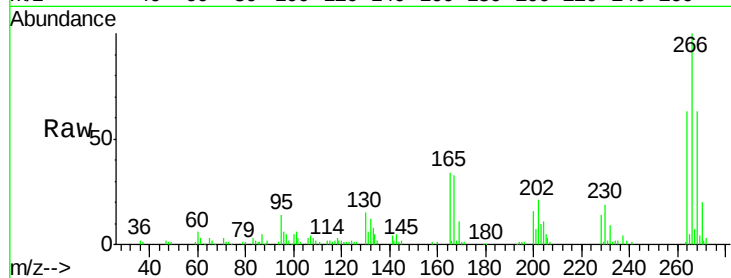




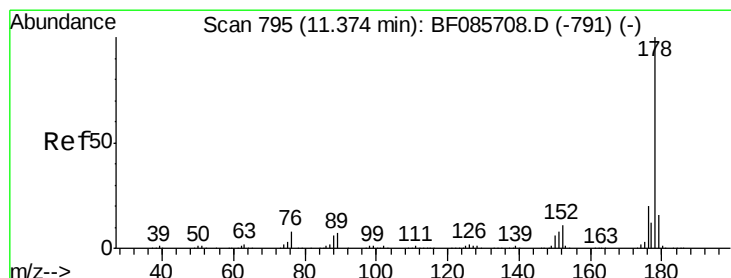
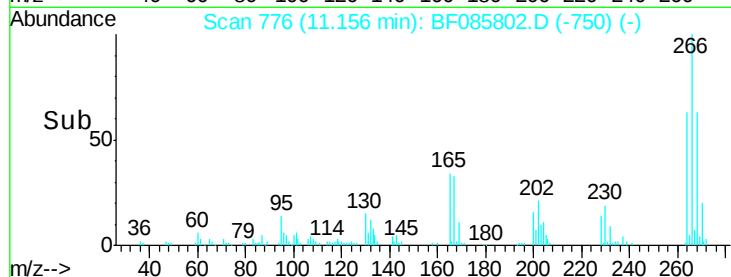
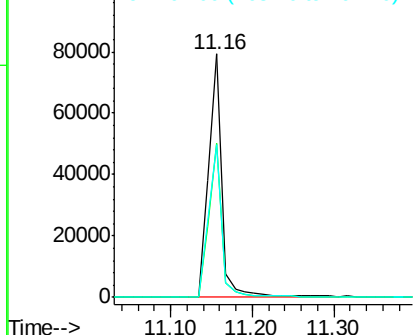
#69
 Pentachlorophenol
 Concen: 43.90 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 92579
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.5 77.3
 264 62.6 50.6 76.0

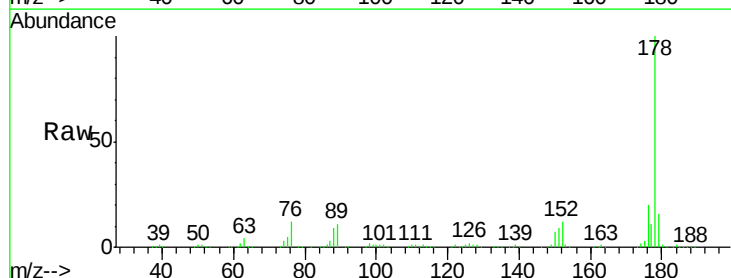


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

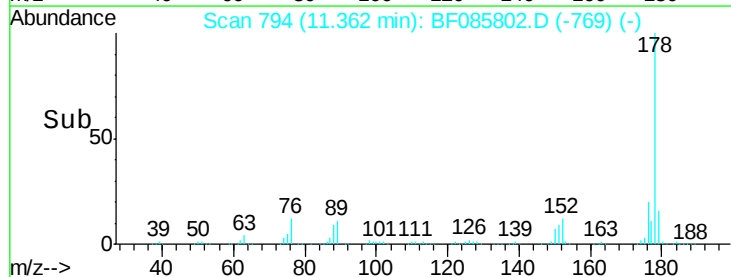
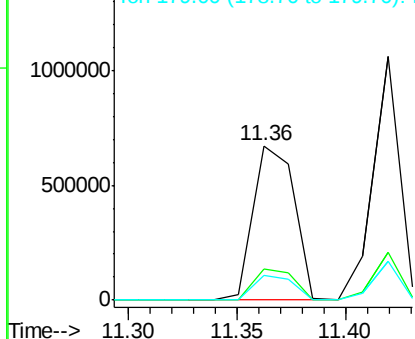


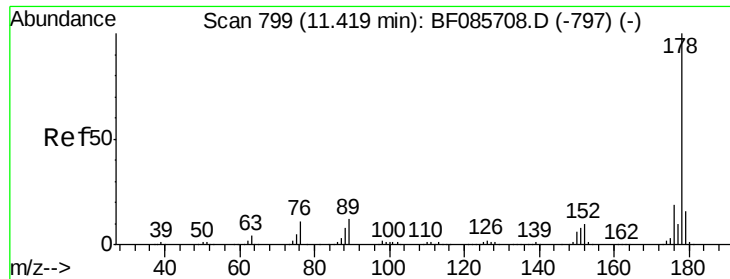
#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:178 Resp: 887634
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 15.8 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

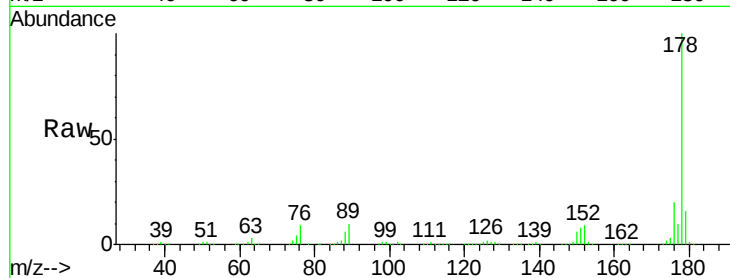




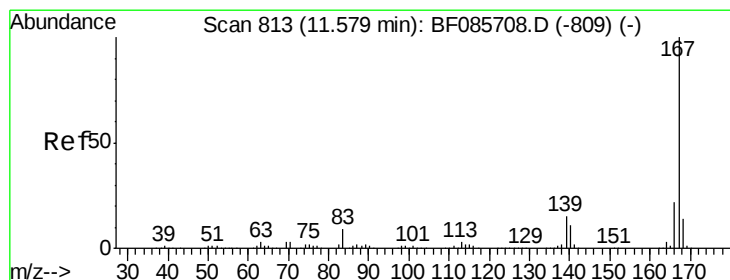
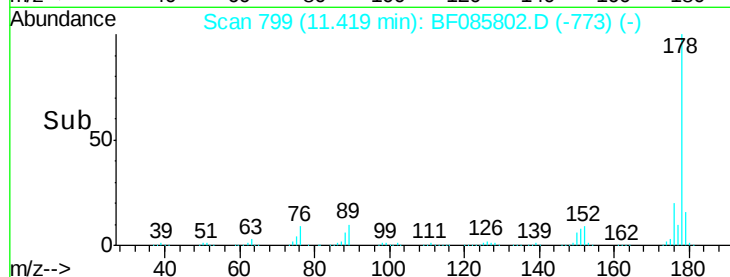
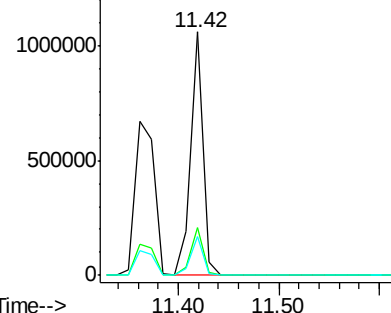
#71
 Anthracene
 Concen: 41.88 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 906352
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 13.0 19.4

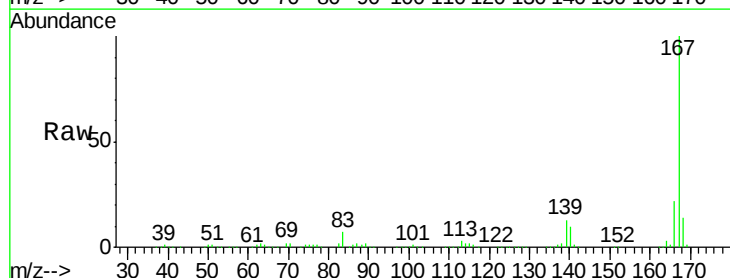


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

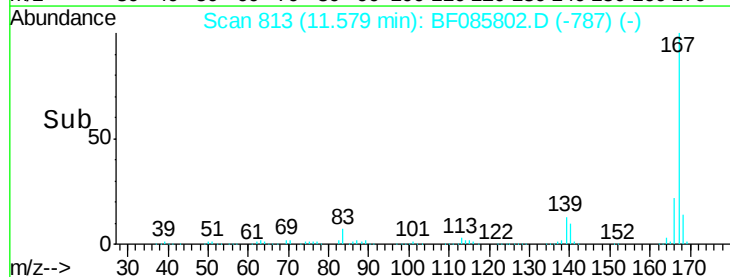
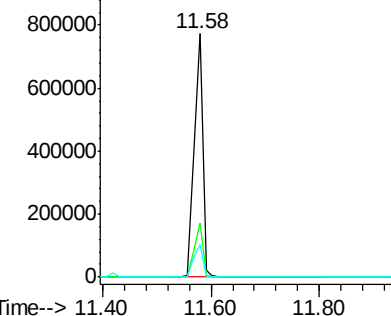


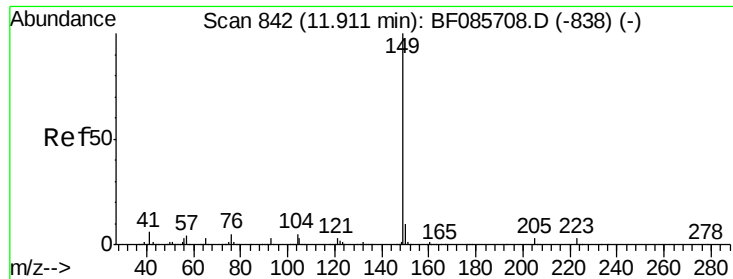
#72
 Carbazole
 Concen: 45.35 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:167 Resp: 823973
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.5 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

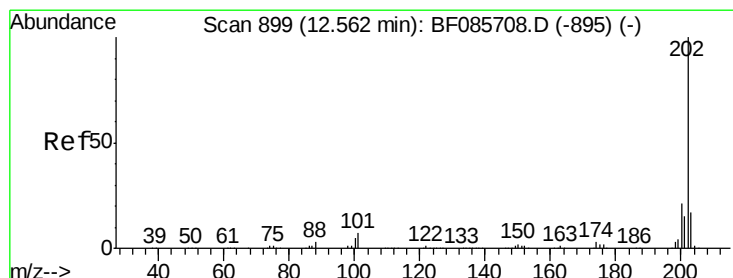
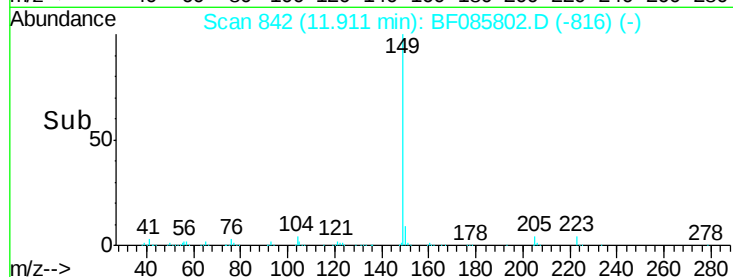
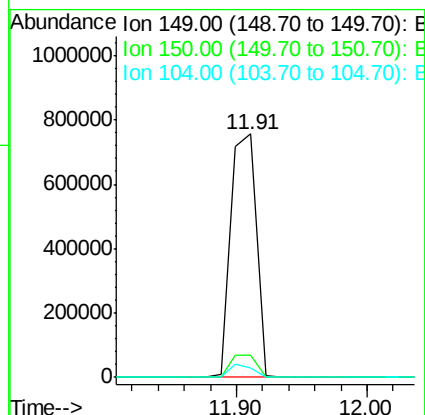
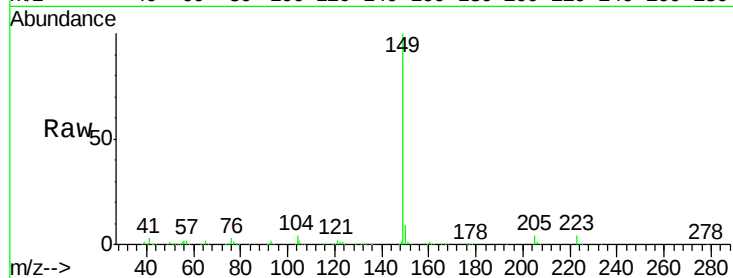




#73
Di-n-butylphthalate
Concen: 41.02 ng
RT: 11.91 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

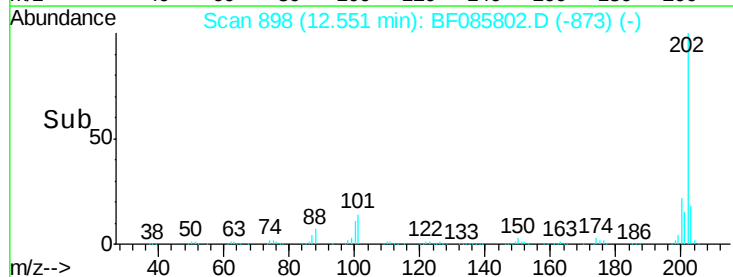
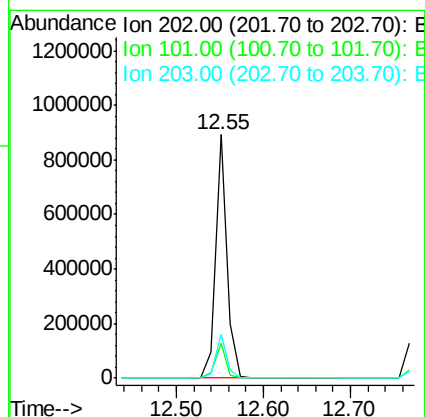
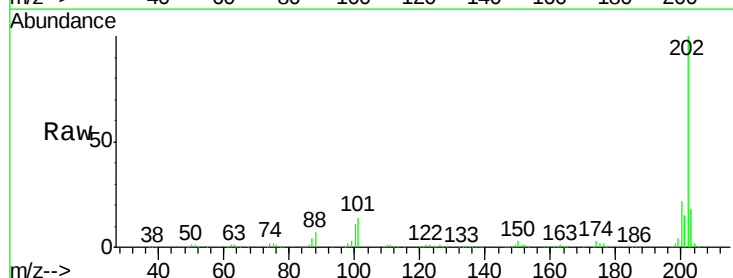
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1022622
Ion Ratio Lower Upper
149 100
150 9.0 7.6 11.4
104 3.8 3.8 5.8#



#74
Fluoranthene
Concen: 37.52 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:202 Resp: 822149
Ion Ratio Lower Upper
202 100
101 14.5 0.0 36.6
203 18.2 0.0 38.1

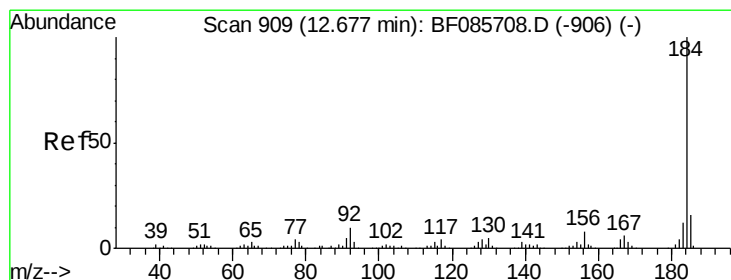
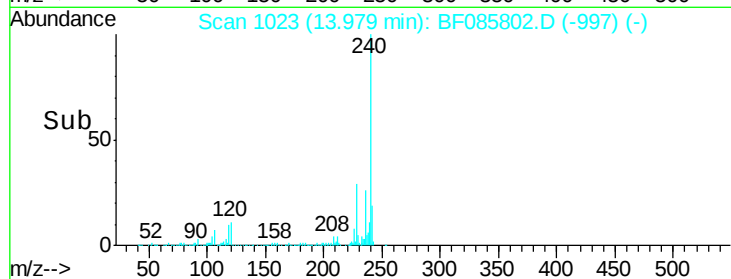
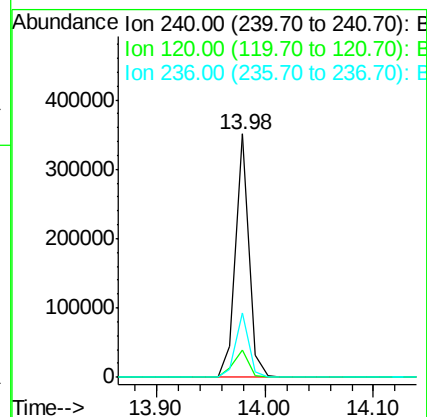
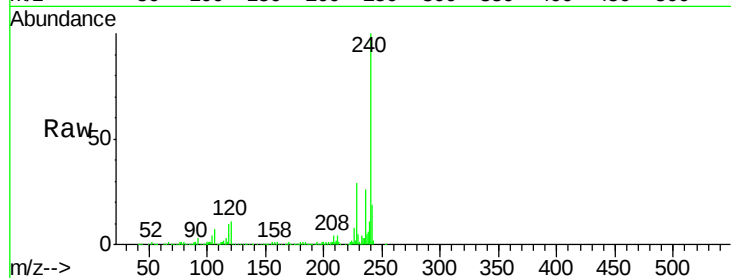




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

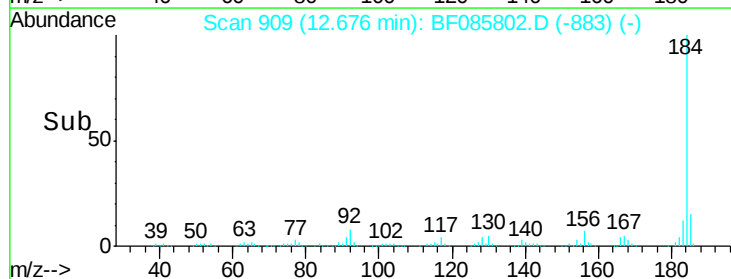
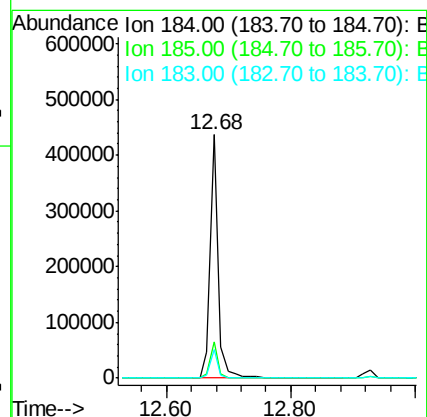
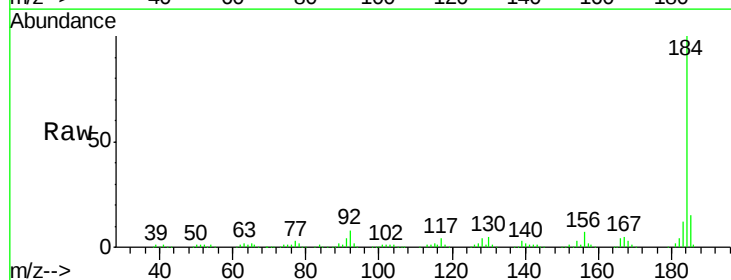
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

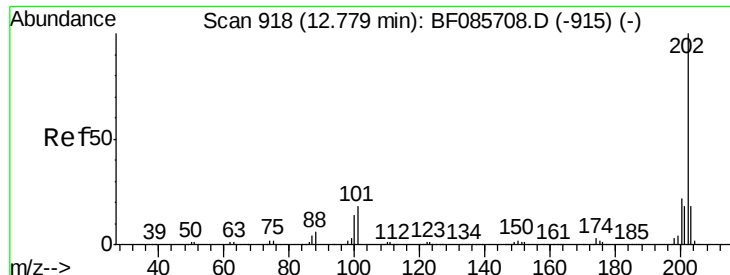
Tgt Ion:240 Resp: 295641
Ion Ratio Lower Upper
240 100
120 11.2 13.8 20.8#
236 26.3 20.6 30.8



#76
Benzidine
Concen: 37.94 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:184 Resp: 394973
Ion Ratio Lower Upper
184 100
185 15.1 12.4 18.6
183 11.7 9.4 14.2

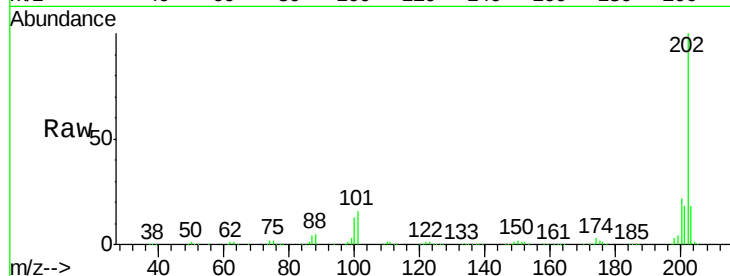




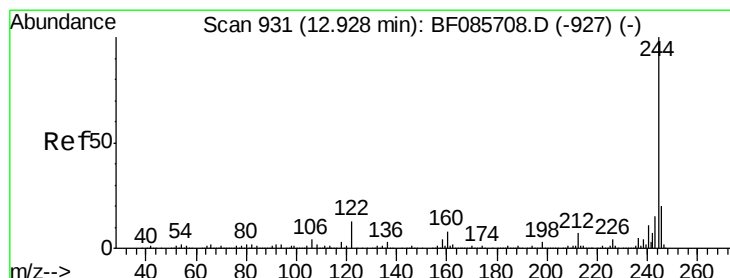
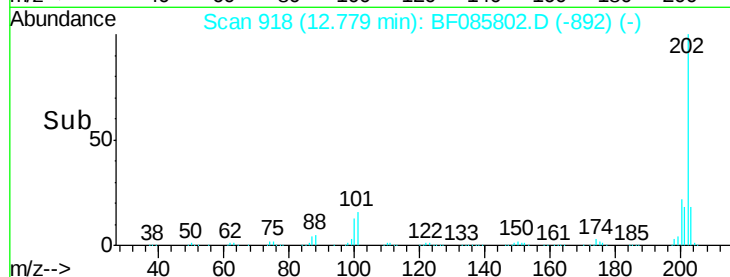
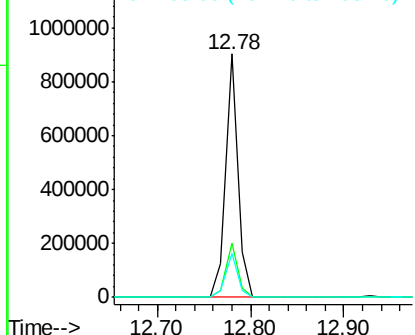
#77
 Pyrene
 Concen: 34.05 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 827367
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.6 26.4
 203 17.9 14.0 21.0

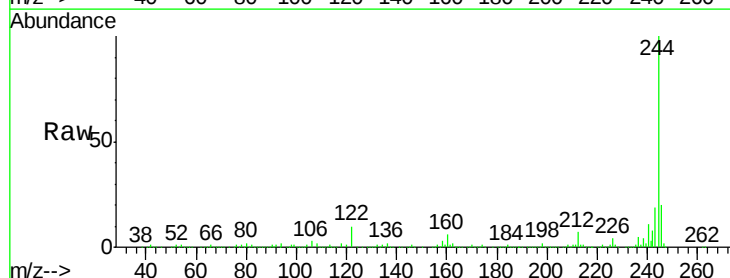


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

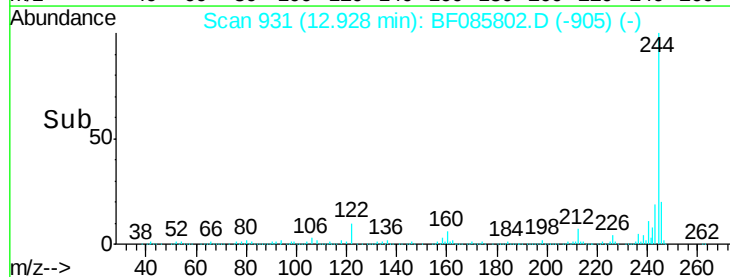
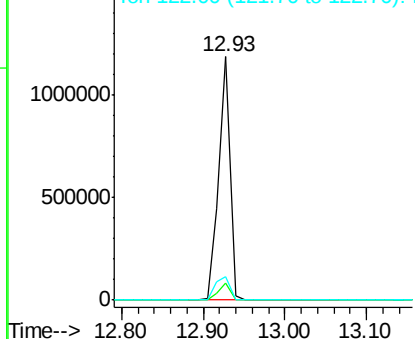


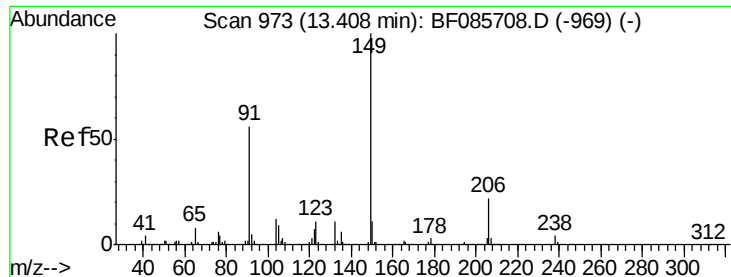
#78
 Terphenyl-d14
 Concen: 79.97 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion: 244 Resp: 1149621
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 9.6 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

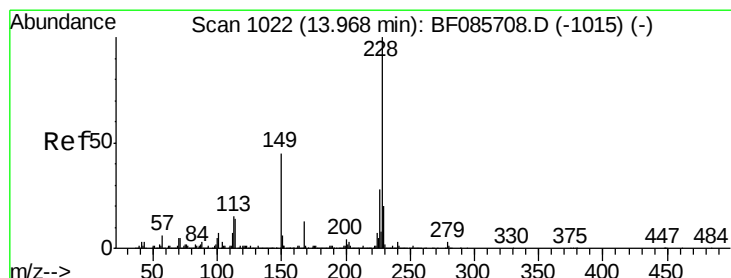
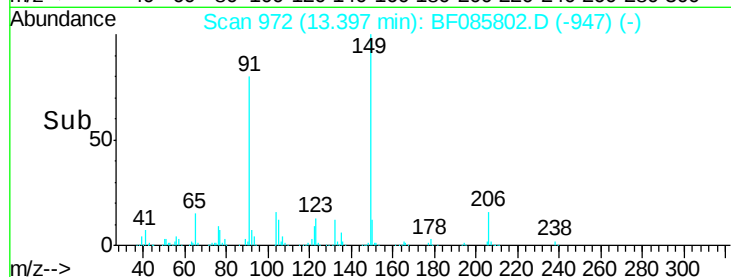
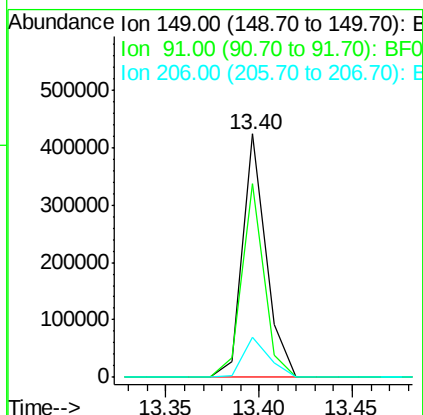
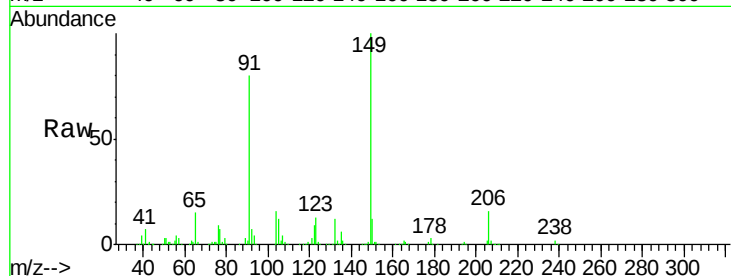




#79
Butylbenzylphthalate
Concen: 36.67 ng
RT: 13.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

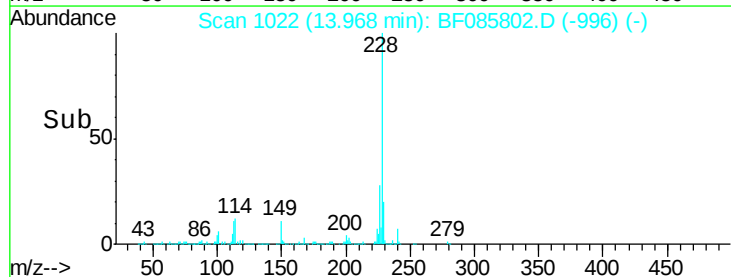
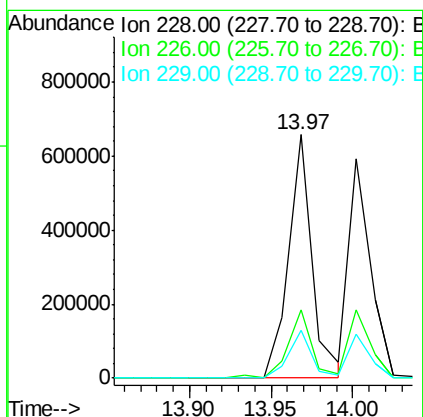
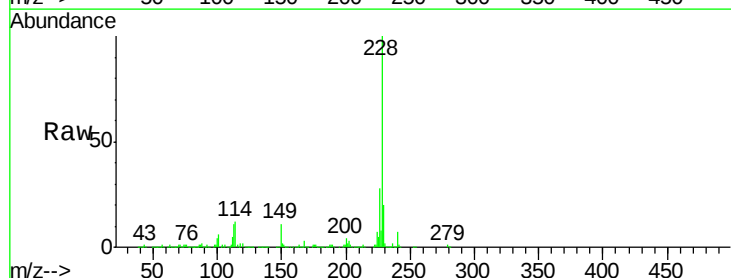
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

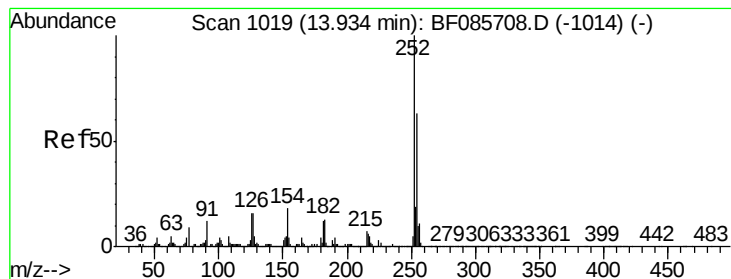
Tgt Ion:149 Resp: 373176
Ion Ratio Lower Upper
149 100
91 79.7 45.8 68.8#
206 16.3 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 39.46 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion:228 Resp: 665253
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 19.9 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 36.71 ng

RT: 13.93 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

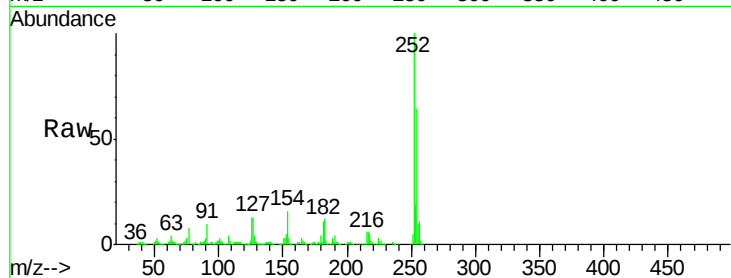
Tgt Ion:252 Resp: 429437

Ion Ratio Lower Upper

252 100

254 64.1 50.7 76.1

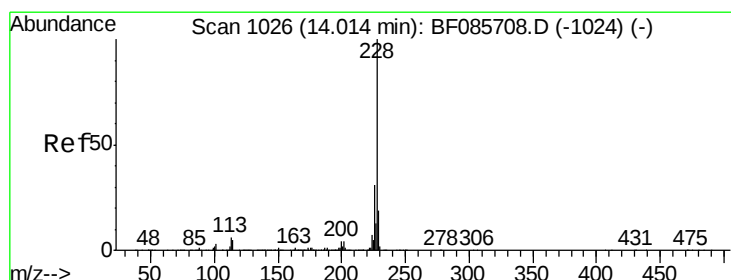
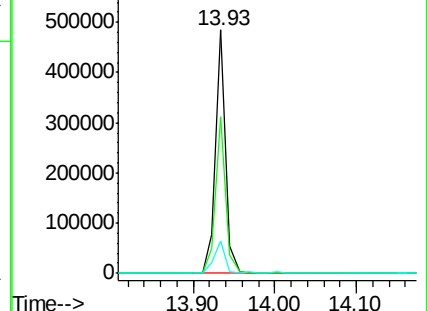
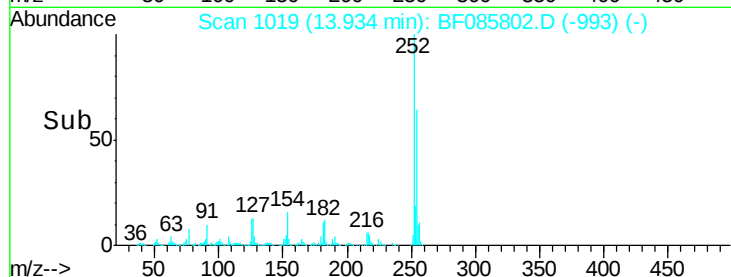
126 13.5 11.8 17.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 33.18 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

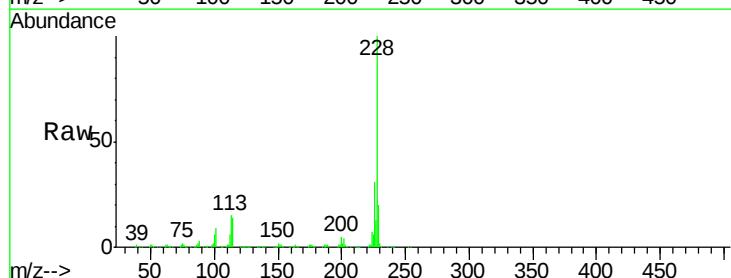
Tgt Ion:228 Resp: 563438

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

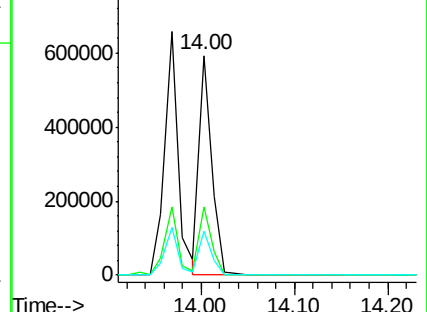
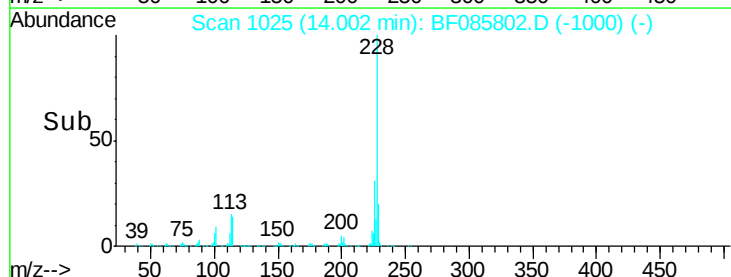
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

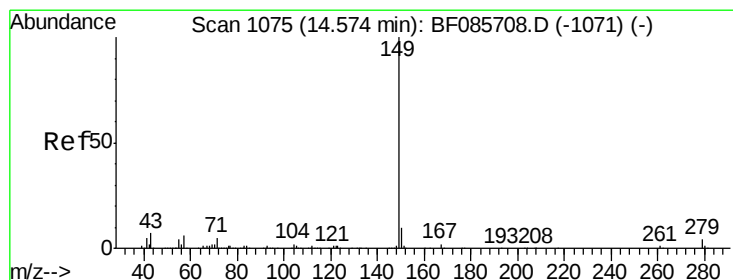
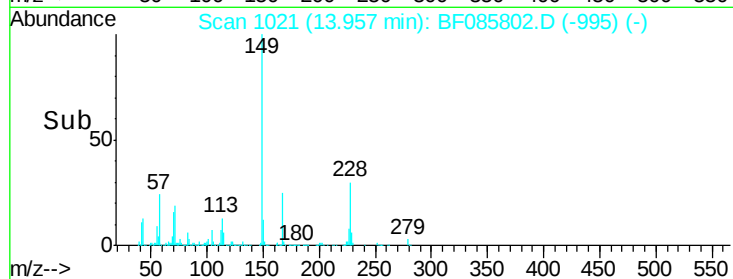
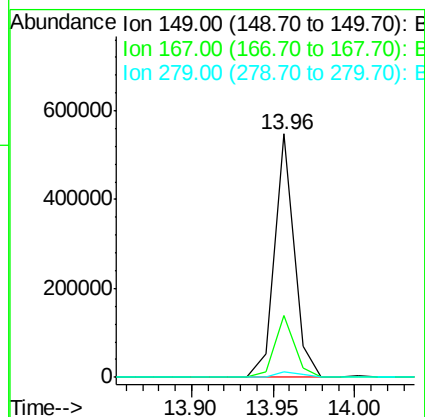
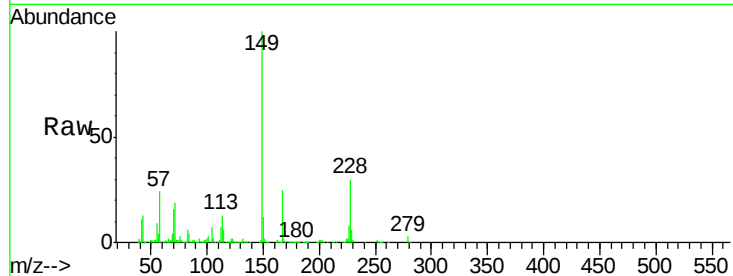




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.15 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

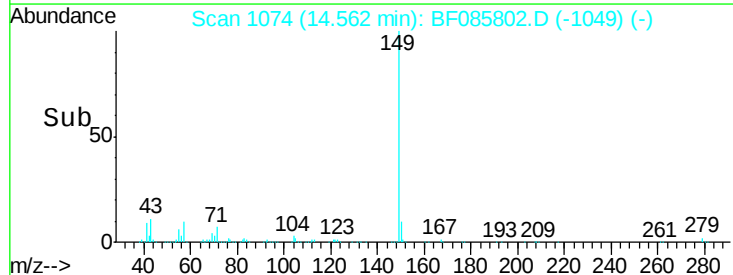
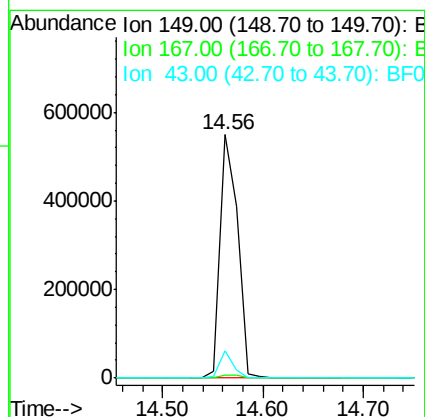
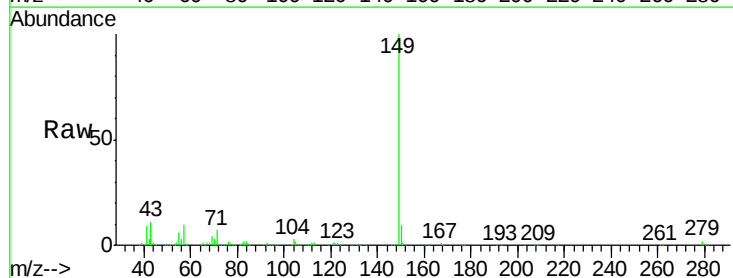
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

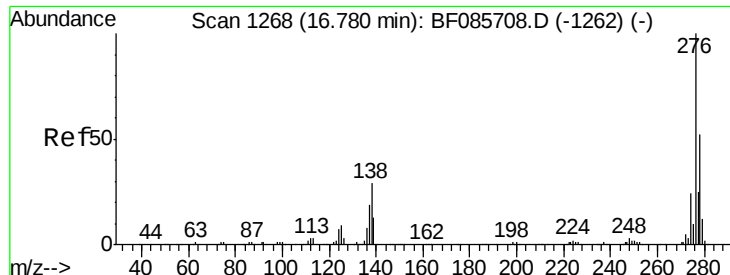
Tgt Ion:149 Resp: 464860
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.4 29.2
 279 2.5 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 36.64 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:149 Resp: 663857
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.7 7.1 10.7

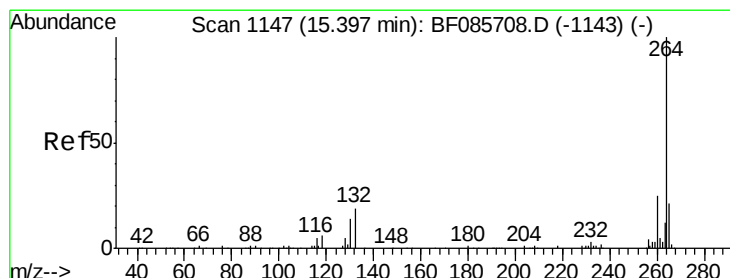
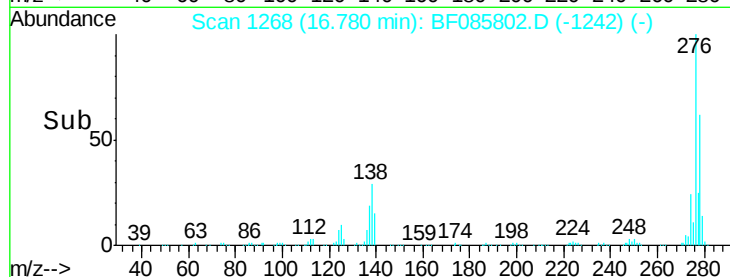
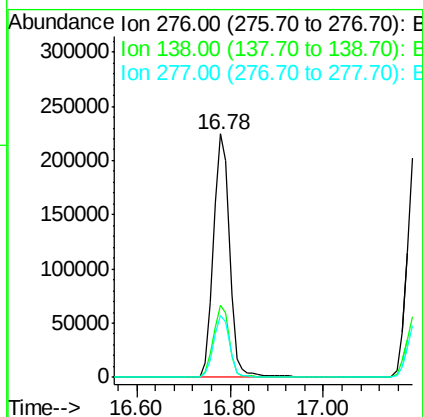
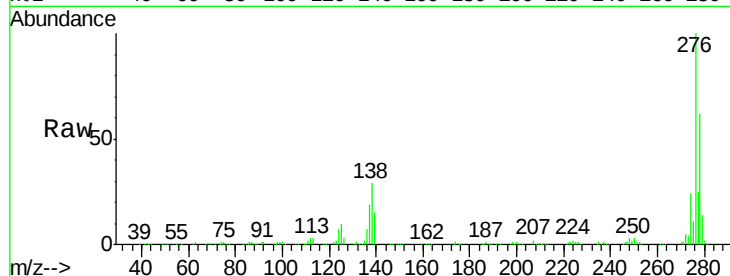




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.47 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

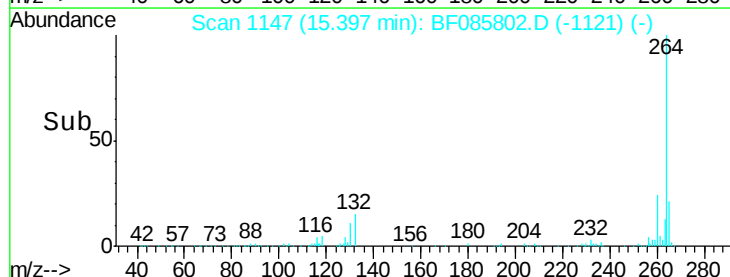
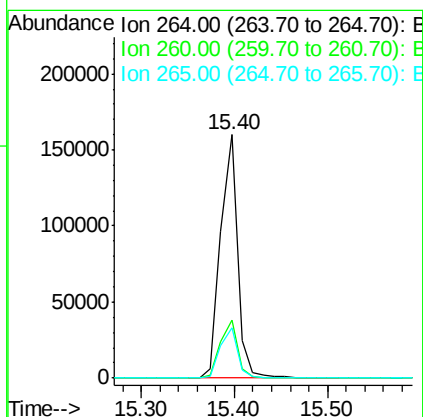
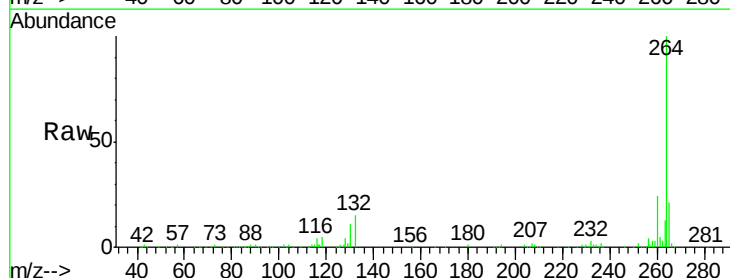
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

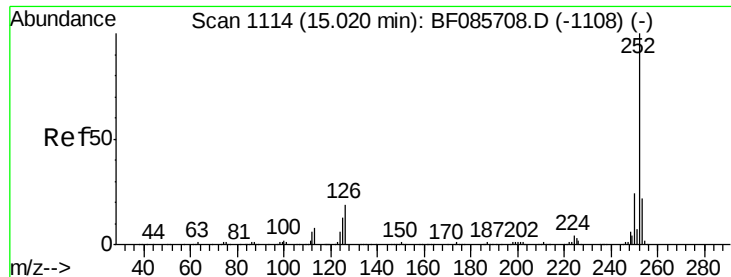
Tgt Ion: 276 Resp: 543779
 Ion Ratio Lower Upper
 276 100
 138 29.3 24.2 36.4
 277 25.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion: 264 Resp: 202605
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 20.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 76.64 ng

RT: 15.02 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

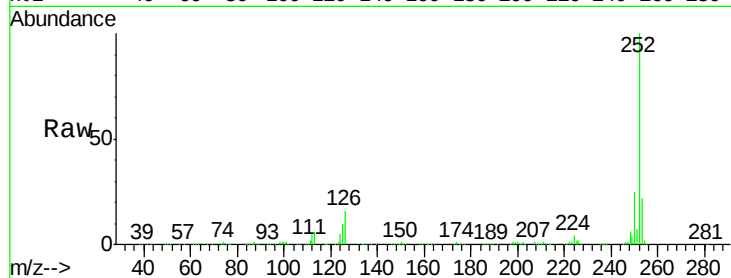
Tgt Ion:252 Resp: 978207

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

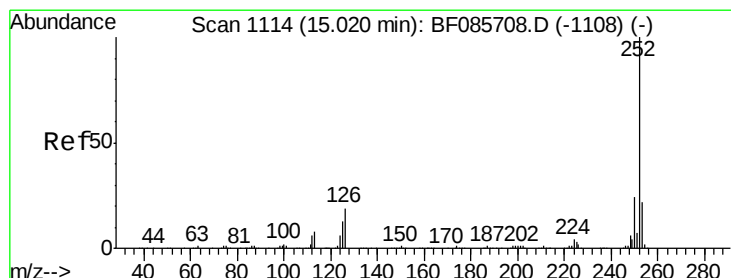
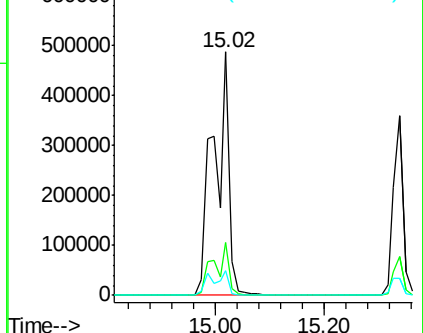
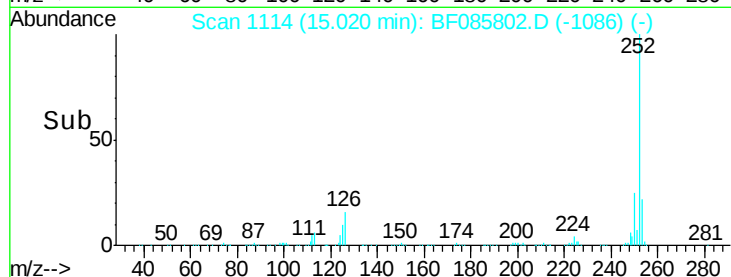
125 10.4 10.3 15.5



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: 85.01 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

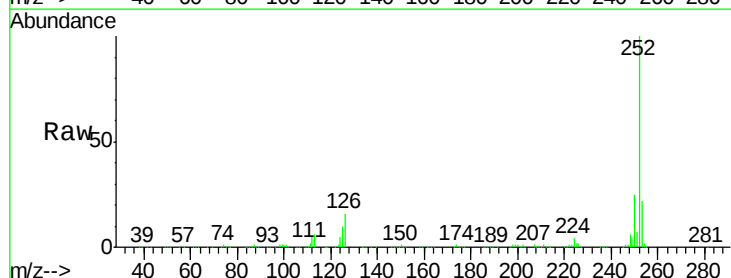
Tgt Ion:252 Resp: 978207

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

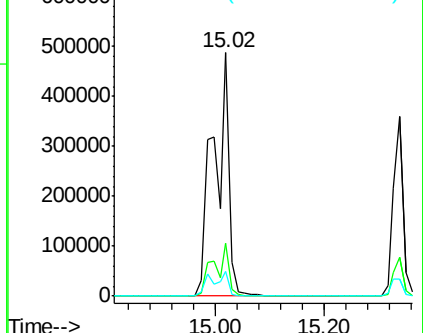
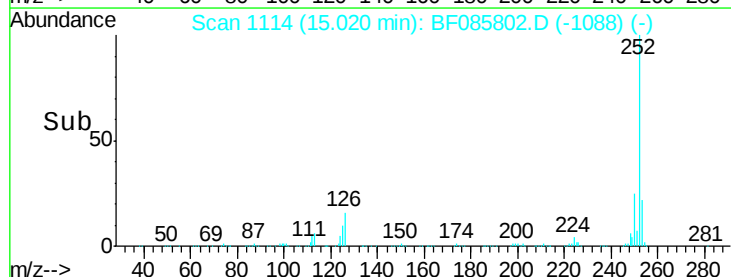
125 10.4 7.7 11.5

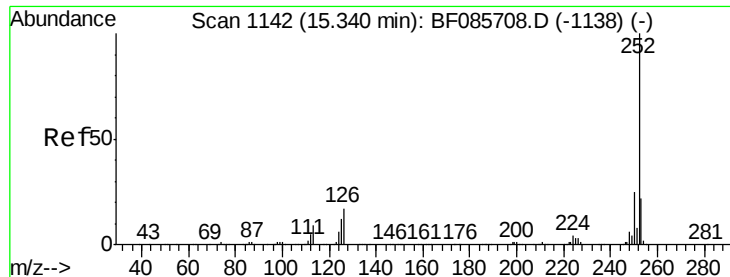


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.73 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

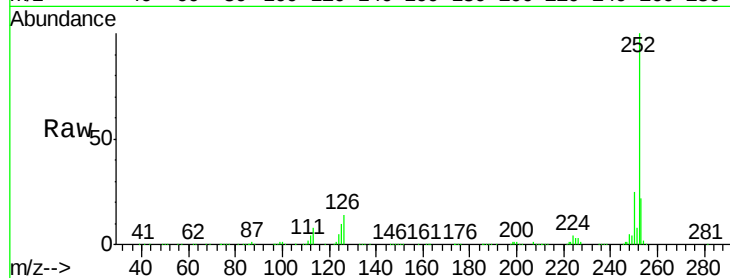
Tgt Ion:252 Resp: 461584

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

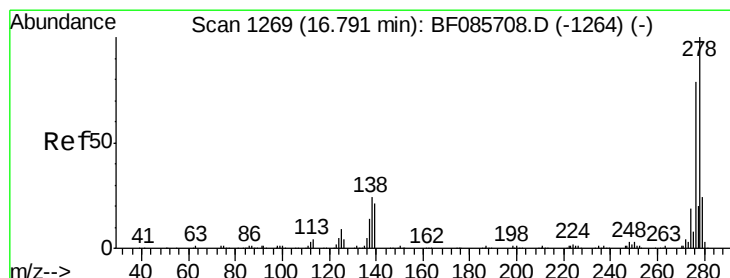
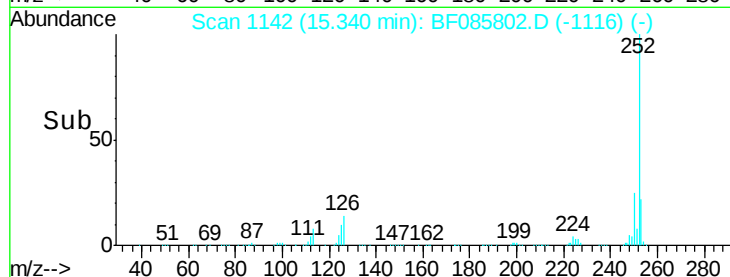
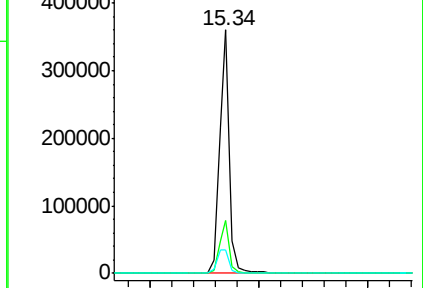
125 9.6 10.3 15.5#



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: 43.18 ng

RT: 16.79 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

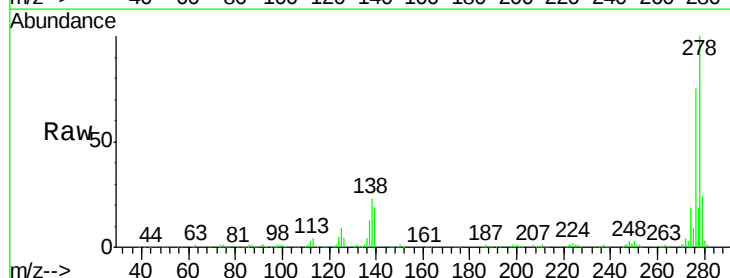
Tgt Ion:278 Resp: 454635

Ion Ratio Lower Upper

278 100

139 19.3 14.4 21.6

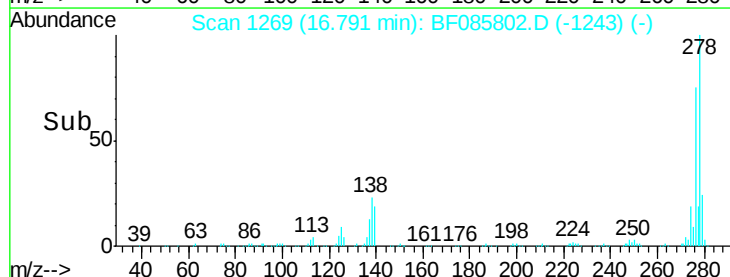
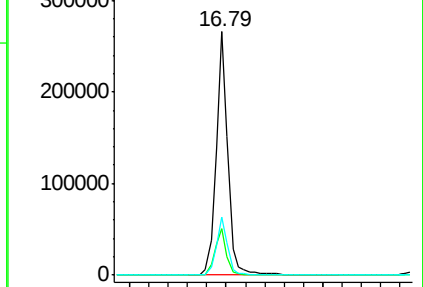
279 24.1 19.1 28.7

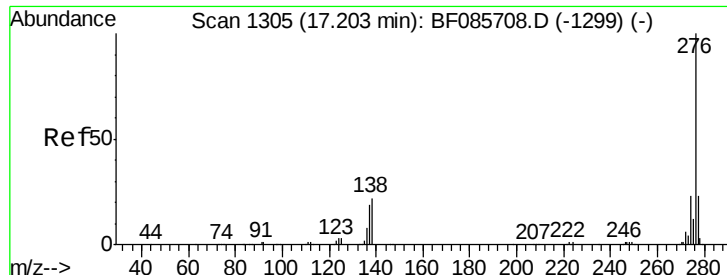


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.78 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

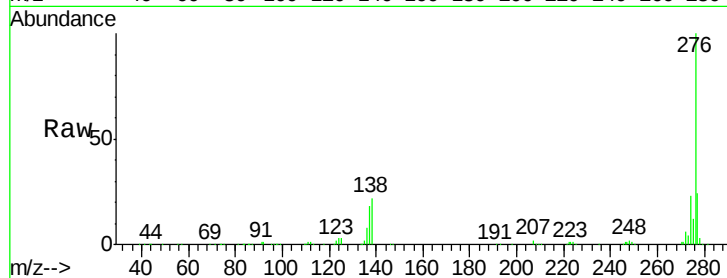
Tgt Ion: 276 Resp: 466829

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.4 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

