

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085713.D
 Acq On : 24 Mar 2016 13:39
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Quant Time: Mar 24 14:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 13:52:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107460	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	441481	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	203736	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	393261	20.00	ng	0.00
75) Chrysene-d12	13.98	240	257818	20.00	ng	0.00
86) Perylene-d12	15.40	264	184552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	512087	39.68	ng	0.00
7) Phenol-d6	6.46	99	633142	38.59	ng	0.00
23) Nitrobenzene-d5	7.40	82	625413	39.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	161286	41.66	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1000714	41.03	ng	0.00
78) Terphenyl-d14	12.93	244	976694	38.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	125499	40.73	ng	97
3) Pyridine	3.10	79	334847	45.33	ng	98
4) n-Nitrosodimethylamine	3.05	42	115067	38.91	ng	99
6) Aniline	6.48	93	436067	39.49	ng	# 91
8) 2-Chlorophenol	6.61	128	309970	41.35	ng	98
9) Benzaldehyde	6.37	77	194749	39.40	ng	95
10) Phenol	6.47	94	370232	39.83	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	284108	39.72	ng	98
12) 1,3-Dichlorobenzene	6.77	146	332314	41.16	ng	97
13) 1,4-Dichlorobenzene	6.77	146	332314	40.59	ng	95
14) 1,2-Dichlorobenzene	7.00	146	312761	40.99	ng	98
15) Benzyl Alcohol	6.97	79	231719	42.33	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	385860	40.66	ng	98
17) 2-Methylphenol	7.09	107	251334	41.88	ng	97
18) Hexachloroethane	7.34	117	124555	41.55	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	209107	42.57	ng	97
20) 3+4-Methylphenols	7.24	107	288769	40.02	ng	90
22) Acetophenone	7.24	105	393205	38.23	ng	98
24) Nitrobenzene	7.41	77	303627	37.57	ng	95
25) Isophorone	7.66	82	595839	39.45	ng	# 92
26) 2-Nitrophenol	7.73	139	158660	39.24	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	302527	42.81	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	354537	41.20	ng	99
29) 2,4-Dichlorophenol	7.97	162	227555	38.30	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	266120	40.35	ng	94
31) Naphthalene	8.14	128	852496	38.32	ng	98
32) Benzoic acid	7.90	122	198941	42.39	ng	98
33) 4-Chloroaniline	8.18	127	356043	39.20	ng	# 95
34) Hexachlorobutadiene	8.25	225	142720	39.81	ng	99
35) Caprolactam	8.56	113	76794	36.49	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	257513	37.11	ng	92
37) 2-Methylnaphthalene	8.82	142	538849	40.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	255310	42.26	ng	99
40) Hexachlorocyclopentadiene	8.97	237	85103	39.10	ng	98

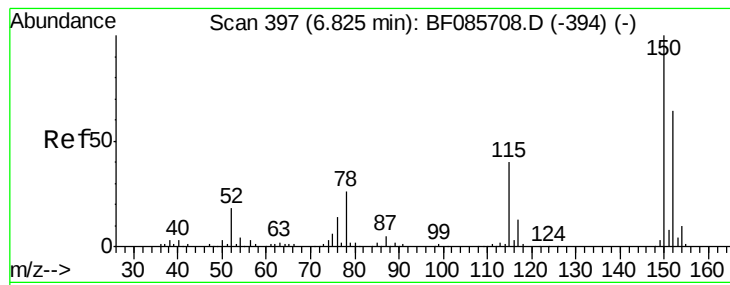
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	165132	40.47	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	178946	41.82	ng	# 88
45) 1,1'-Biphenyl	9.29	154	735175	42.76	ng	95
46) 2-Chloronaphthalene	9.32	162	545267	43.13	ng	96
47) 2-Nitroaniline	9.41	65	144543	37.39	ng	88
48) Acenaphthylene	9.73	152	864492	41.97	ng	100
49) Dimethylphthalate	9.59	163	582549	37.69	ng	100
50) 2,6-Dinitrotoluene	9.66	165	146286	43.97	ng	# 64
51) Acenaphthene	9.90	154	523172	41.58	ng	99
52) 3-Nitroaniline	9.82	138	148040	38.87	ng	93
53) 2,4-Dinitrophenol	9.93	184	66872	42.82	ng	# 74
54) Dibenzofuran	10.07	168	667388	40.98	ng	97
55) 4-Nitrophenol	9.99	139	105154	42.38	ng	# 84
56) 2,4-Dinitrotoluene	10.06	165	181399	42.89	ng	# 69
57) Fluorene	10.41	166	576634	42.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	118003	39.68	ng	99
59) Diethylphthalate	10.29	149	603834	39.54	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	251458	37.99	ng	96
61) 4-Nitroaniline	10.44	138	157567	43.26	ng	93
62) Azobenzene	10.56	77	610032	41.57	ng	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	103338	44.87	ng	# 60
65) n-Nitrosodiphenylamine	10.53	169	515890	41.42	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	163687	40.68	ng	95
67) Hexachlorobenzene	10.96	284	176107	41.85	ng	94
68) Atrazine	11.05	200	166125	39.50	ng	99
69) Pentachlorophenol	11.16	266	91091	44.10	ng	98
70) Phenanthrene	11.37	178	876823	43.42	ng	100
71) Anthracene	11.42	178	839707	39.61	ng	100
72) Carbazole	11.58	167	736118	41.36	ng	100
73) Di-n-butylphthalate	11.91	149	981265	40.18	ng	100
74) Fluoranthene	12.56	202	843949	39.32	ng	87
76) Benzidine	12.68	184	371007	40.86	ng	97
77) Pyrene	12.78	202	808813	38.16	ng	99
79) Butylbenzylphthalate	13.41	149	362087	40.80	ng	96
80) Benzo(a)anthracene	13.97	228	580036	39.46	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	372317	36.49	ng	99
82) Chrysene	14.00	228	568152	38.37	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	429235	40.39	ng	99
84) Di-n-octyl phthalate	14.57	149	632271	40.01	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	466777	40.82	ng	99
87) Benzo(b)fluoranthene	15.02	252	898594	77.29	ng	98
88) Benzo(k)fluoranthene	15.02	252	898594	85.73	ng	98
89) Benzo(a)pyrene	15.34	252	421118	40.79	ng	97
90) Dibenzo(a,h)anthracene	16.79	278	394664	41.15	ng	98
91) Benzo(g,h,i)perylene	17.19	276	398233	41.00	ng	99

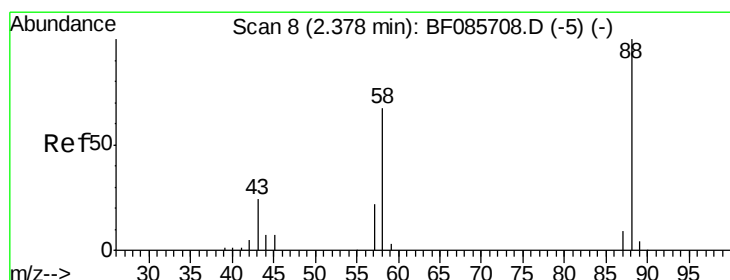
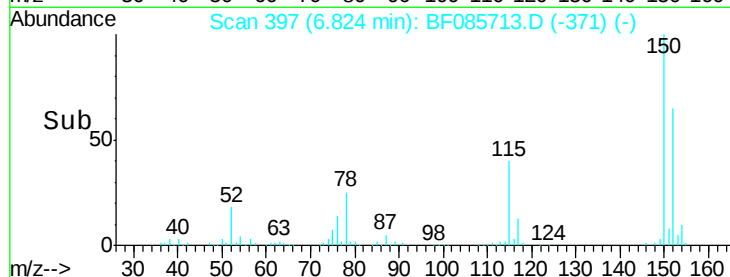
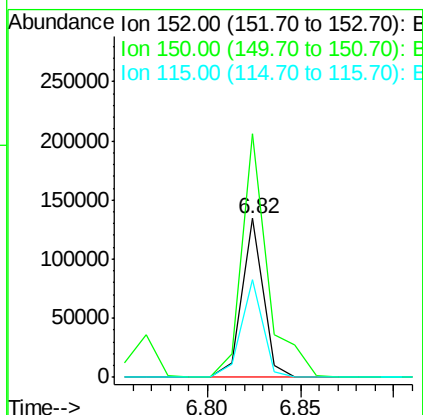
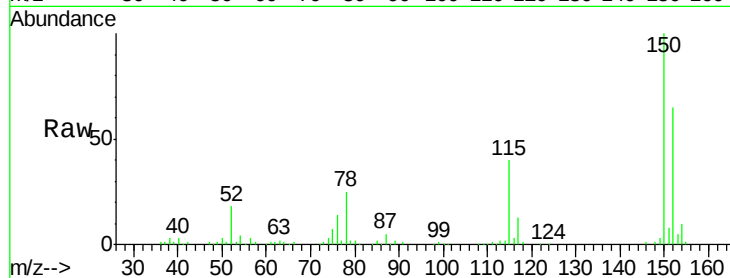
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

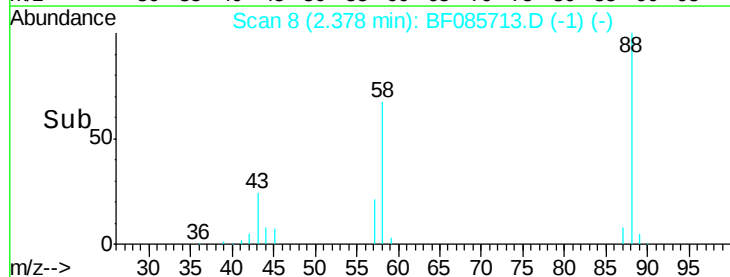
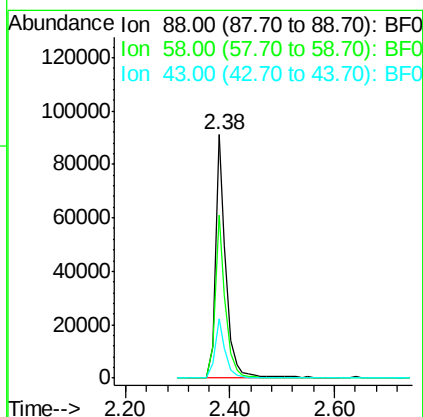
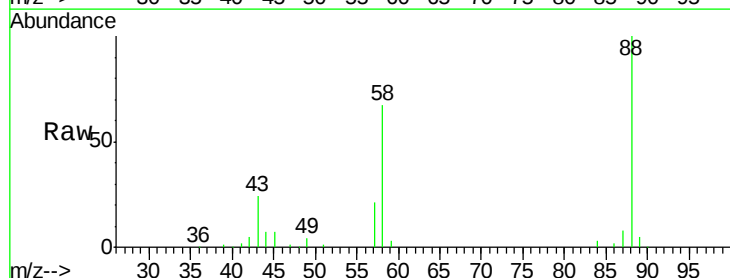
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion: 152 Resp: 107460
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.2 186.2
 115 61.2 47.0 70.6



#2
 1,4-Dioxane
 Concen: 40.73 ng
 RT: 2.38 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion: 88 Resp: 125499
 Ion Ratio Lower Upper
 88 100
 58 64.8 54.2 81.2
 43 23.6 19.3 28.9





#3

Pyridine

Concen: 45.33 ng

RT: 3.10 min Scan# 71

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

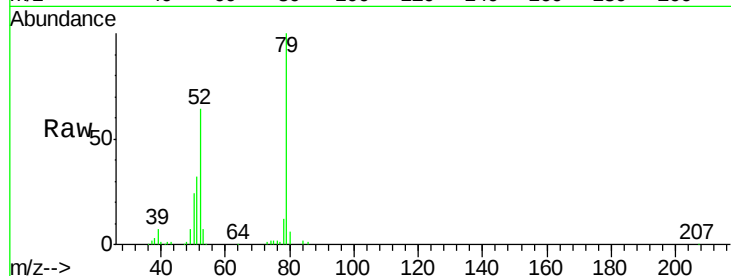
Tgt Ion: 79 Resp: 334847

Ion Ratio Lower Upper

79 100

52 63.9 49.8 74.6

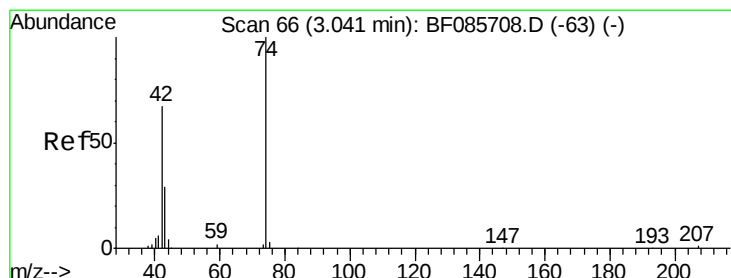
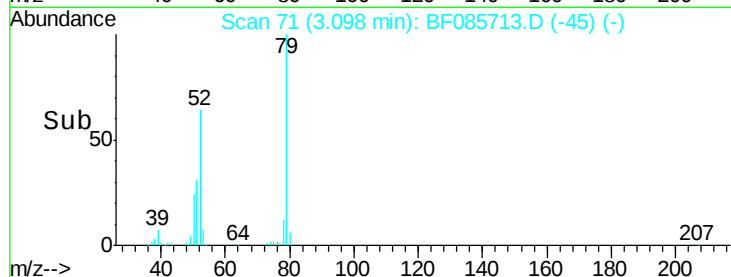
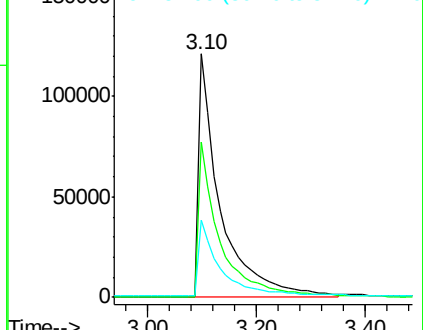
51 31.8 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.91 ng

RT: 3.05 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

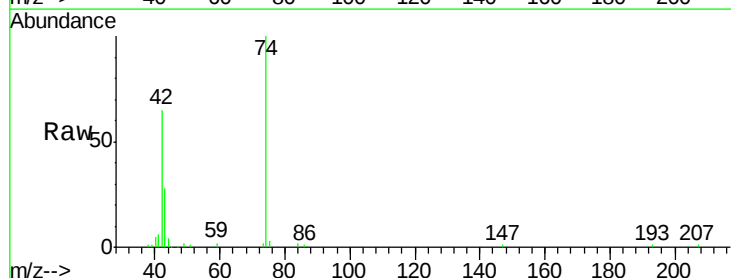
Tgt Ion: 42 Resp: 115067

Ion Ratio Lower Upper

42 100

74 153.3 121.4 182.2

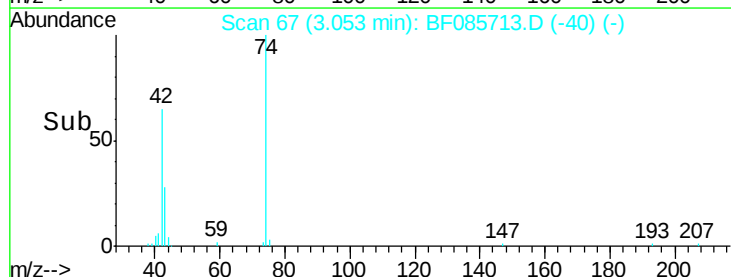
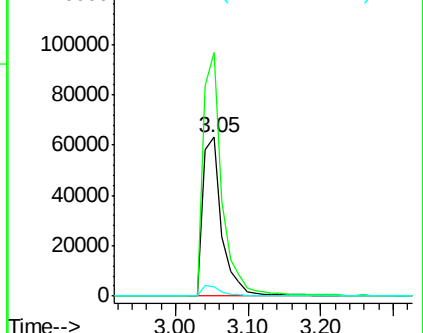
44 6.2 5.6 8.4

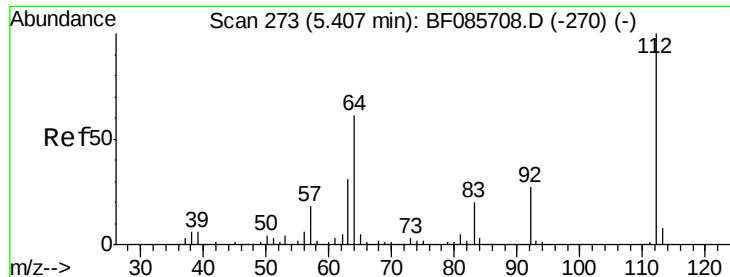


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 39.68 ng

RT: 5.41 min Scan# 273

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

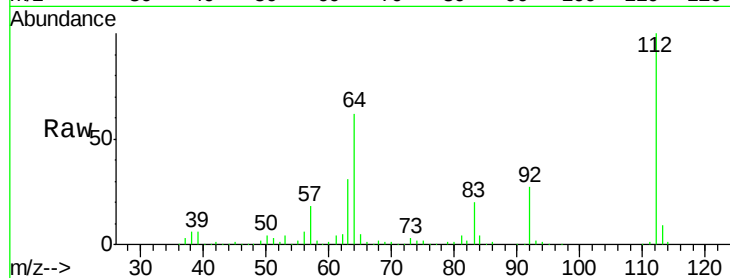
Tgt Ion: 112 Resp: 512087

Ion Ratio Lower Upper

112 100

64 61.7 39.9 59.9#

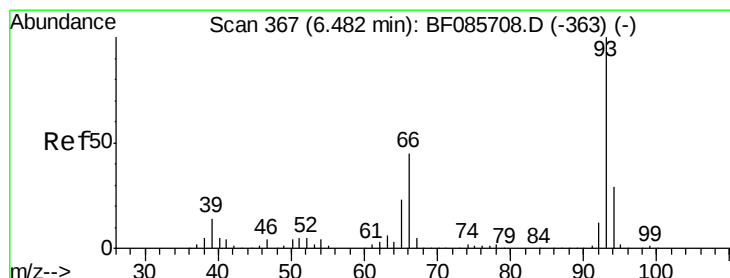
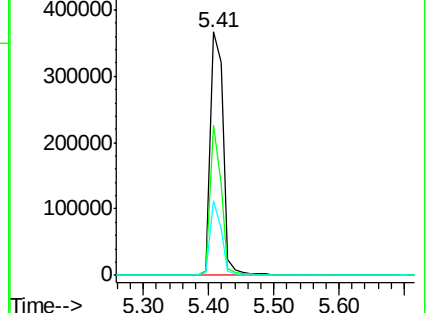
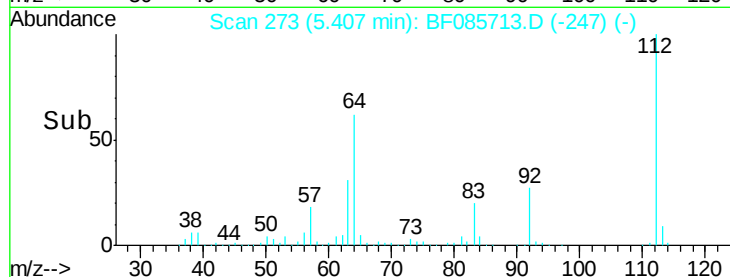
63 30.9 20.2 30.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.49 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

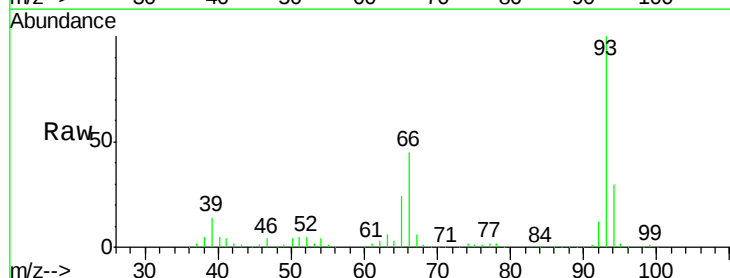
Tgt Ion: 93 Resp: 436067

Ion Ratio Lower Upper

93 100

66 45.0 31.4 47.2

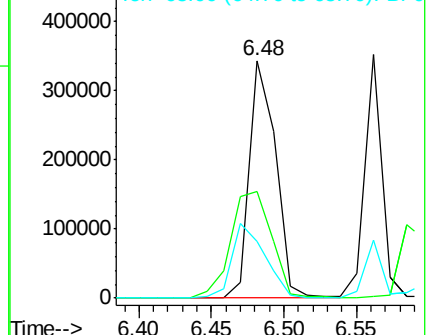
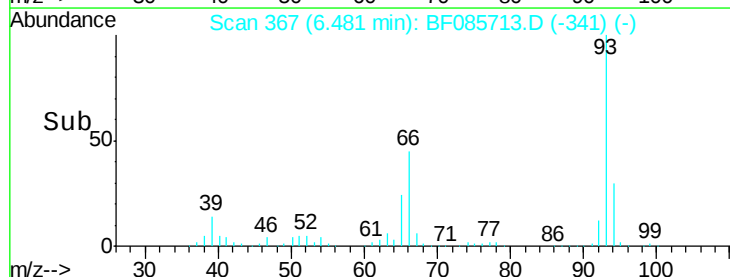
65 23.7 15.7 23.5#

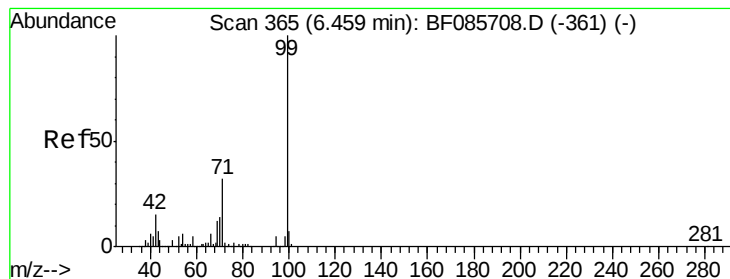


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 38.59 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

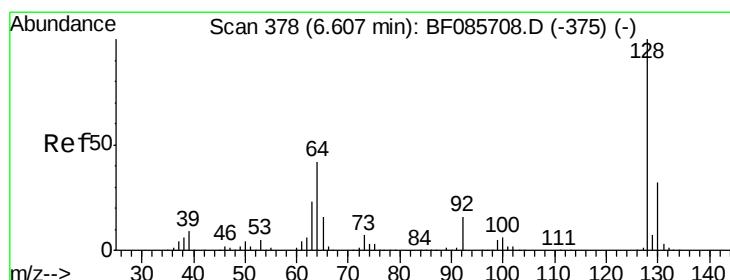
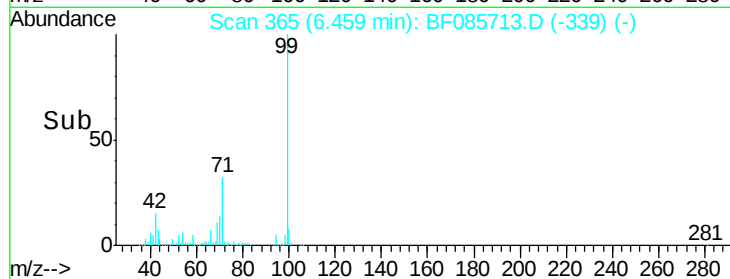
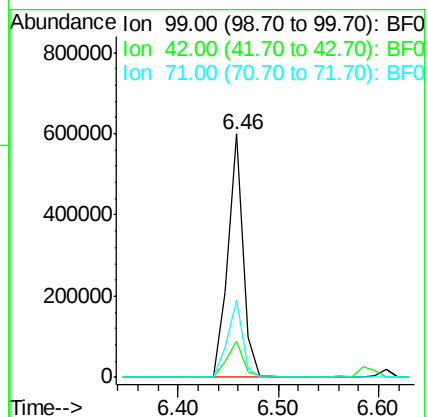
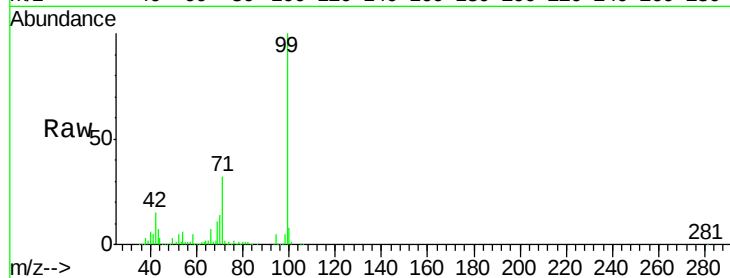
Tgt Ion: 99 Resp: 633142

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 31.8 24.9 37.3



#8

2-Chlorophenol

Concen: 41.35 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

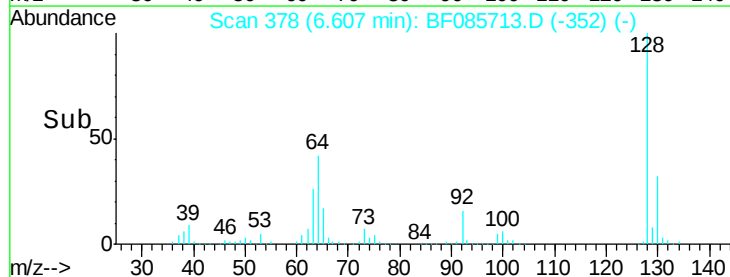
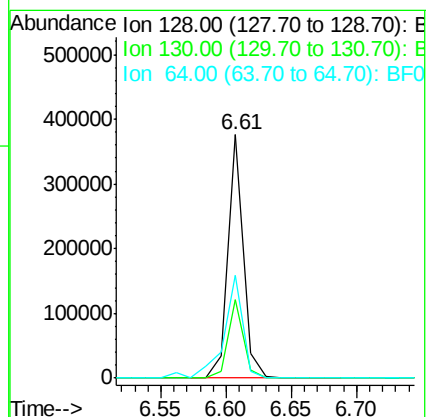
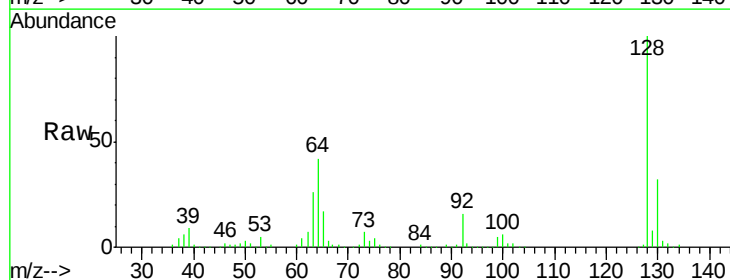
Tgt Ion: 128 Resp: 309970

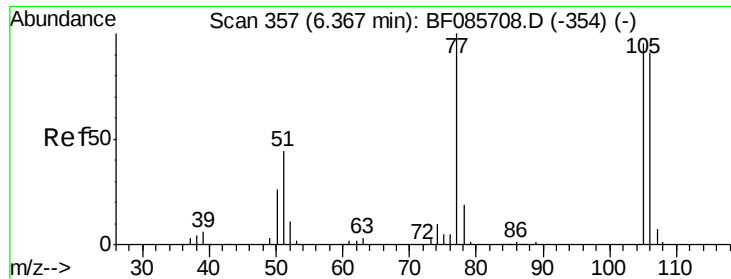
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 42.1 20.2 60.2





#9

Benzaldehyde

Concen: 39.40 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

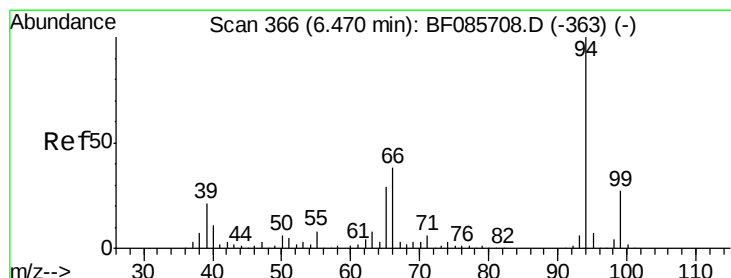
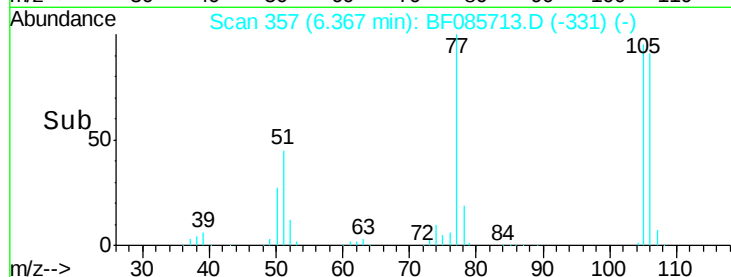
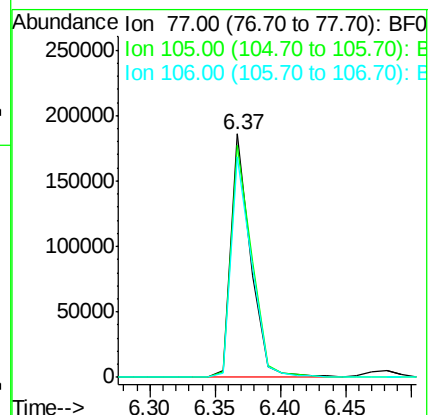
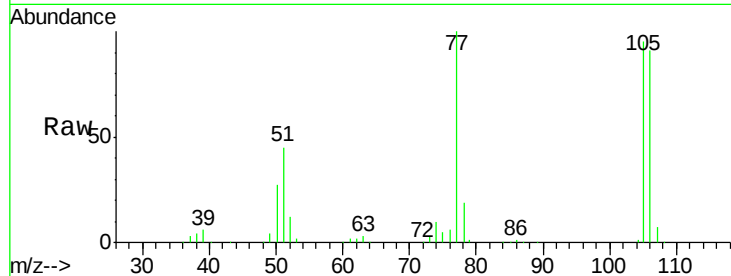
Tgt Ion: 77 Resp: 194749

Ion Ratio Lower Upper

77 100

105 95.1 80.1 120.1

106 90.5 75.0 115.0



#10

Phenol

Concen: 39.83 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

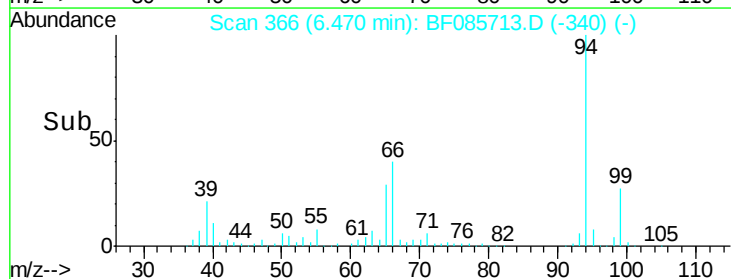
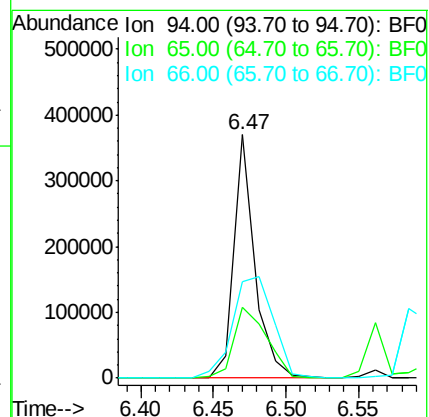
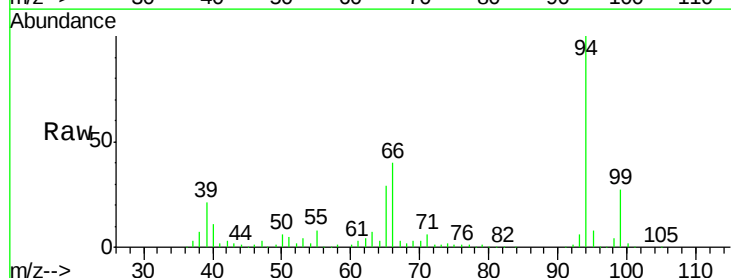
Tgt Ion: 94 Resp: 370232

Ion Ratio Lower Upper

94 100

65 29.1 8.6 48.6

66 39.8 20.0 60.0

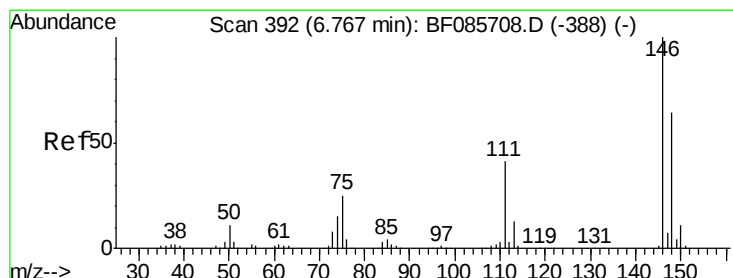
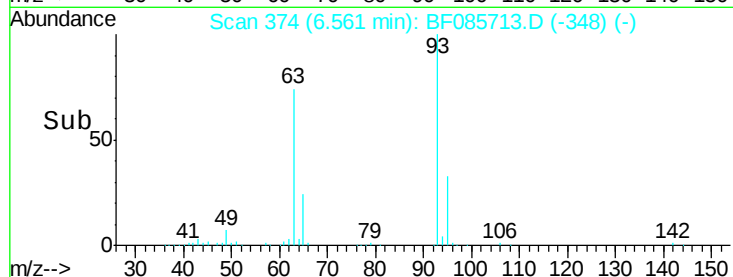
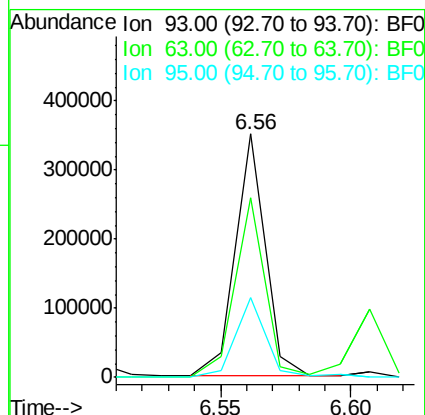
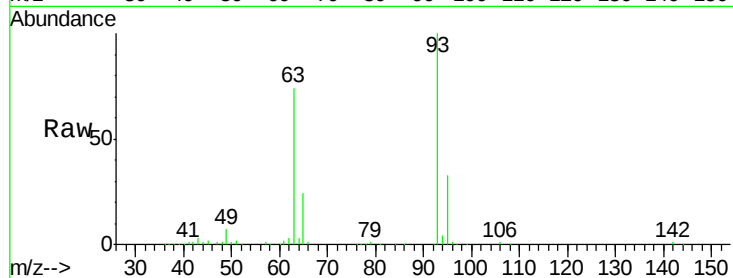




#11
bis(2-Chloroethyl)ether
Concen: 39.72 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

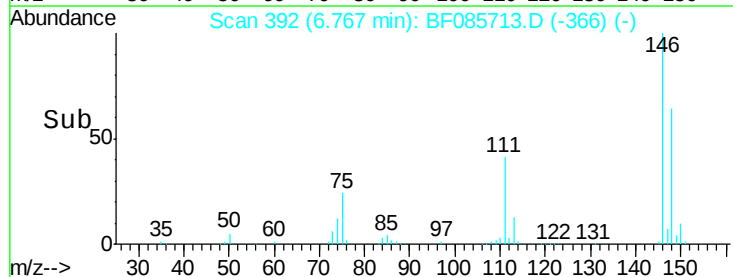
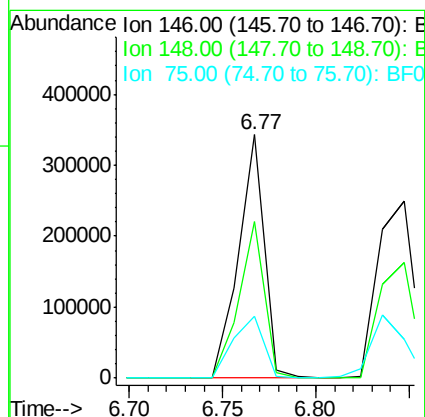
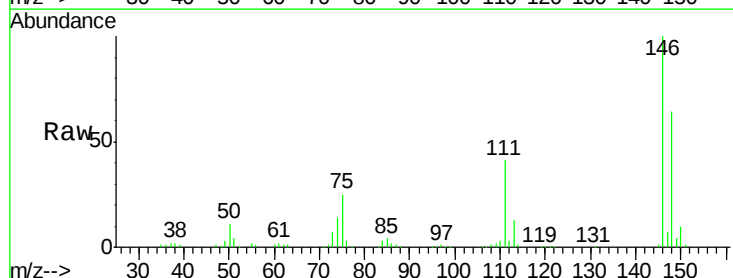
Instrument :
BNA_F
ClientSampleId :
ICVBF032416

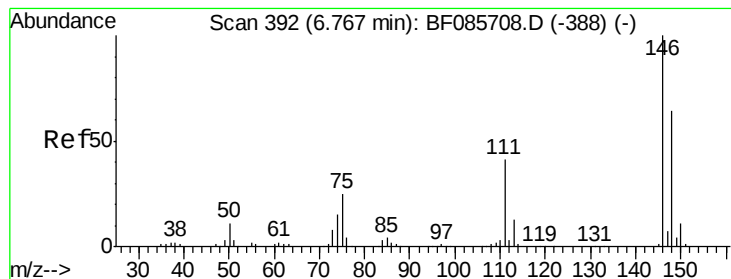
Tgt Ion:	93	Resp:	284108
Ion	Ratio	Lower	Upper
93	100		
63	73.6	50.9	90.9
95	32.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.16 ng
RT: 6.77 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:	146	Resp:	332314
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
75	25.3	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 40.59 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.08 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

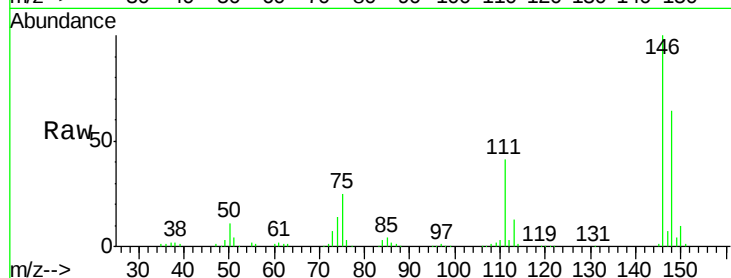
Tgt Ion:146 Resp: 332314

Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

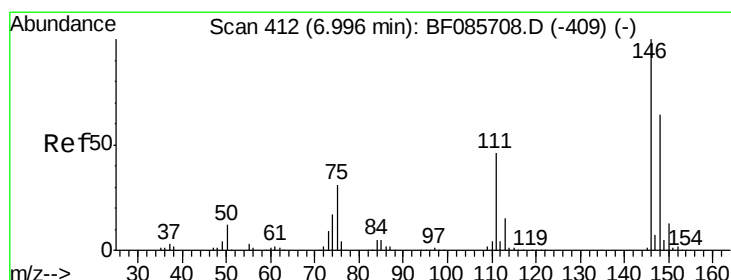
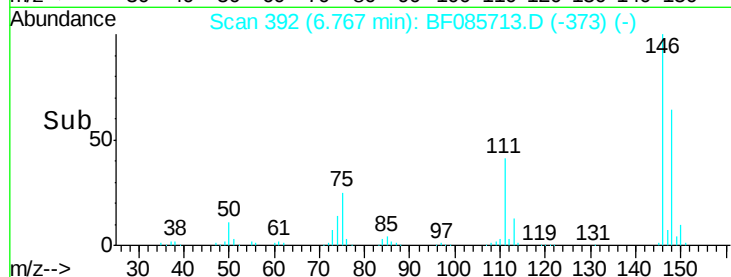
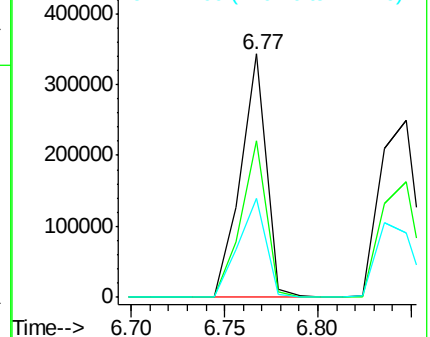
111 40.5 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.99 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

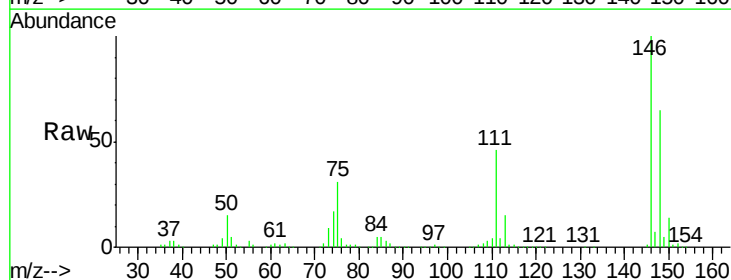
Tgt Ion:146 Resp: 312761

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

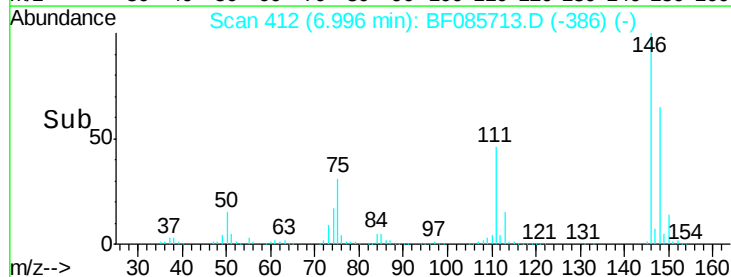
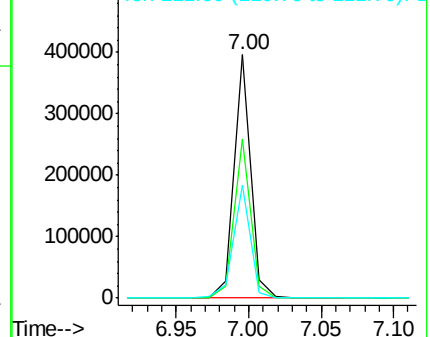
111 46.2 34.6 52.0

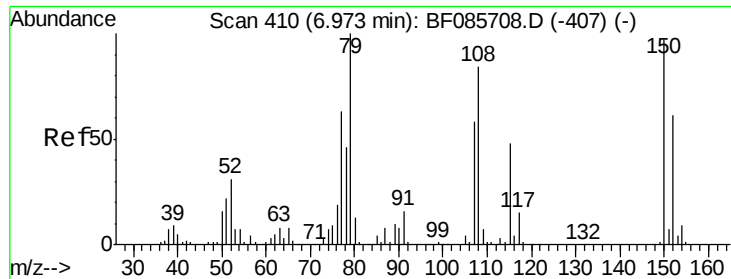


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.33 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

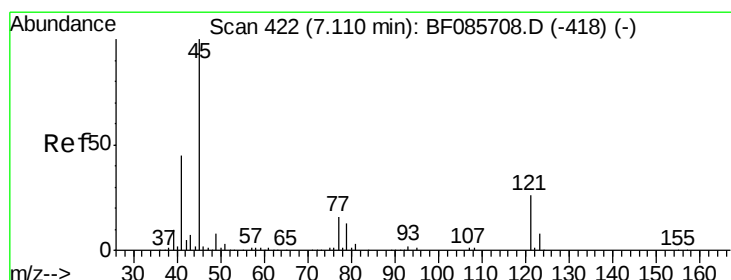
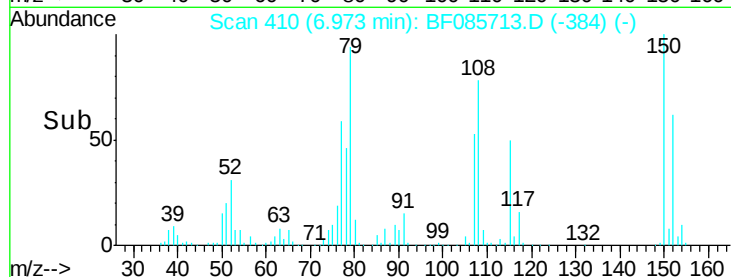
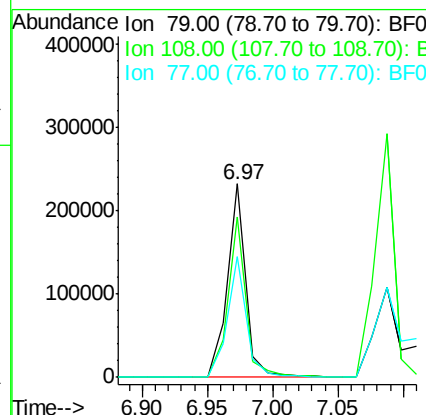
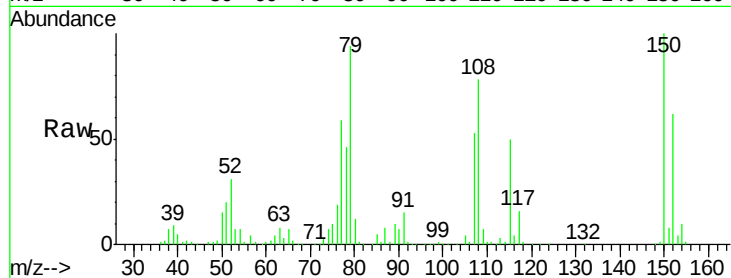
Tgt Ion: 79 Resp: 231719

Ion Ratio Lower Upper

79 100

108 83.1 61.8 92.6

77 62.5 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.66 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

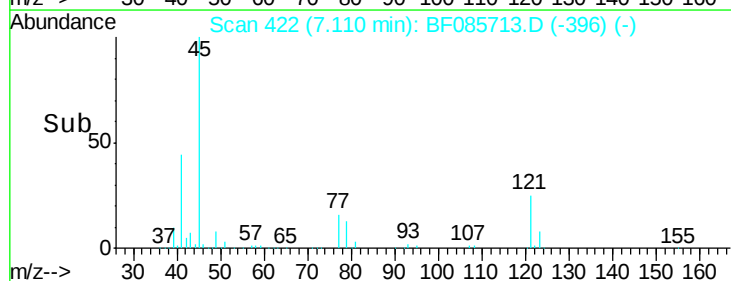
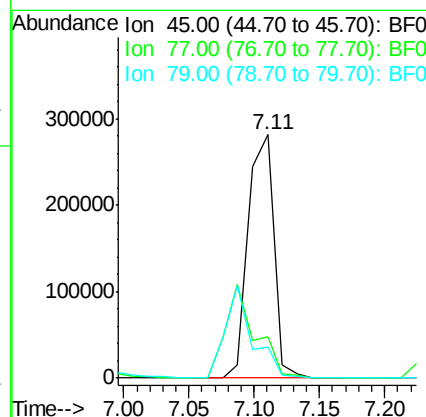
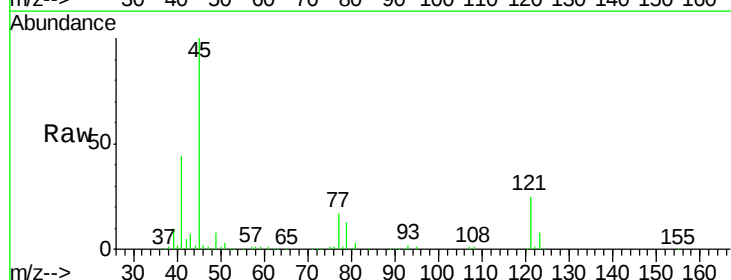
Tgt Ion: 45 Resp: 385860

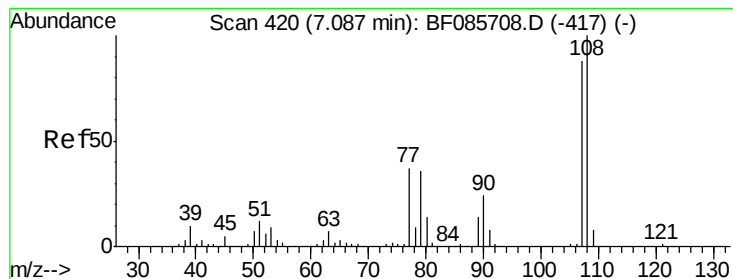
Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.7

79 13.1 0.0 32.2





#17

2-Methylphenol

Concen: 41.88 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

Tgt Ion:107 Resp: 251334

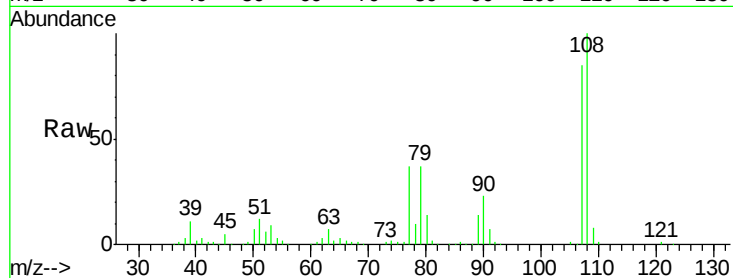
Ion Ratio Lower Upper

107 100

108 117.9 91.4 137.0

77 43.8 36.2 54.2

79 43.3 35.8 53.8

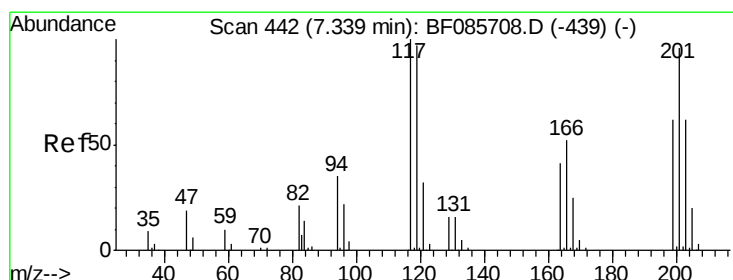
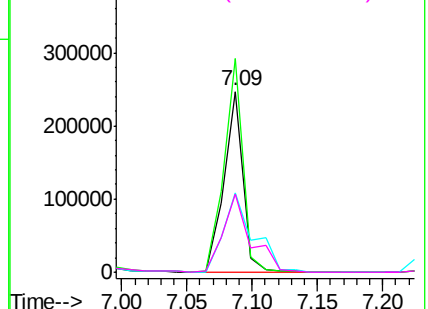
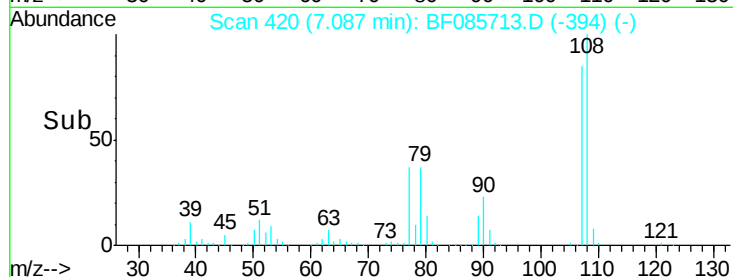


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.55 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

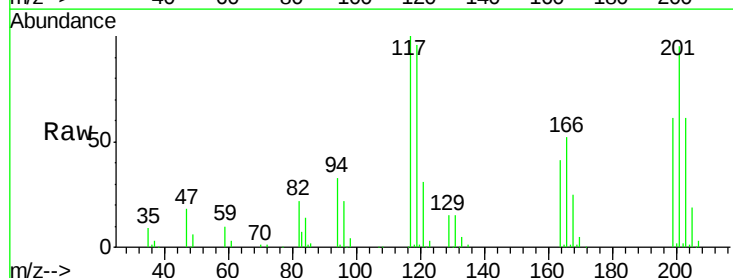
Tgt Ion:117 Resp: 124555

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

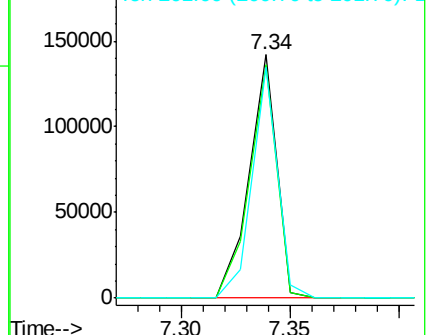
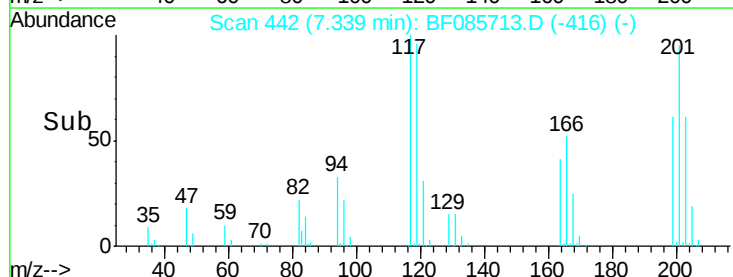
201 94.9 83.3 124.9

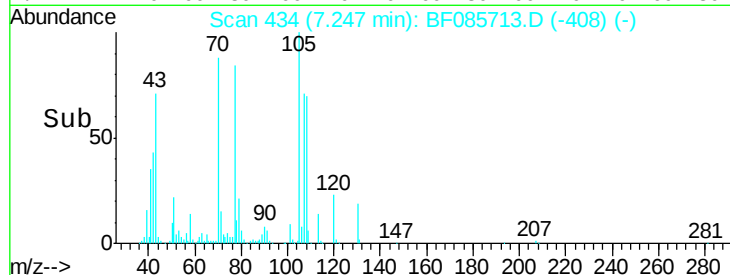
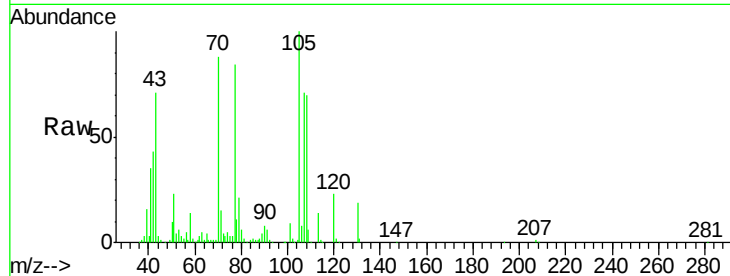
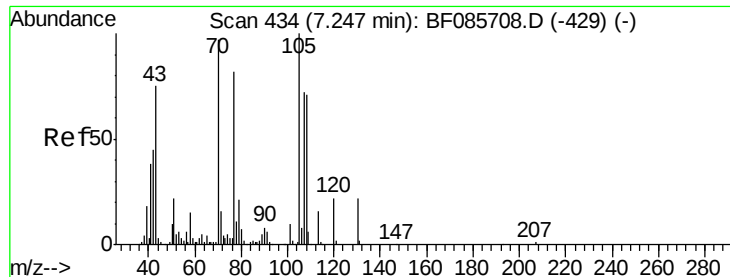


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

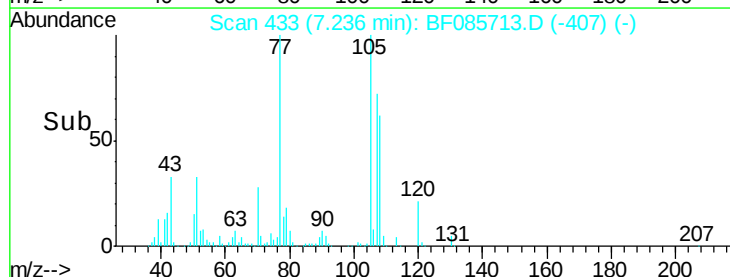
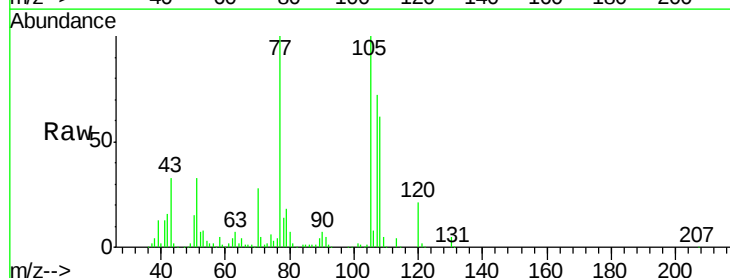
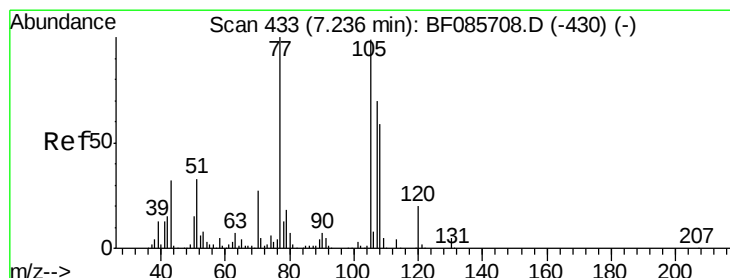
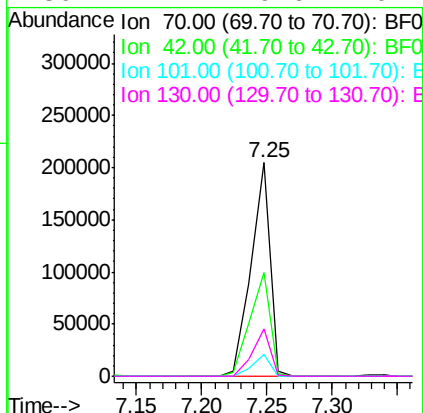




#19
n-Nitroso-di-n-propylamine
Concen: 42.57 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

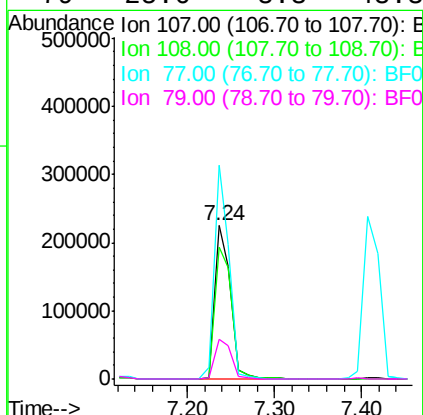
Instrument :
BNA_F
ClientSampleId :
ICVBF032416

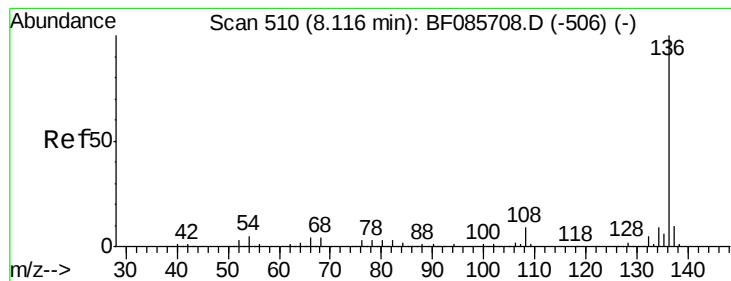
Tgt Ion:	70	Resp:	209107
Ion	Ratio	Lower	Upper
70	100		
42	48.5	37.1	55.7
101	10.3	8.6	12.8
130	22.2	19.6	29.4



#20
3+4-Methylphenols
Concen: 40.02 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:	107	Resp:	288769
Ion	Ratio	Lower	Upper
107	100		
108	85.8	69.3	109.3
77	139.2	101.7	141.7
79	25.6	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

Tgt Ion:136 Resp: 441481

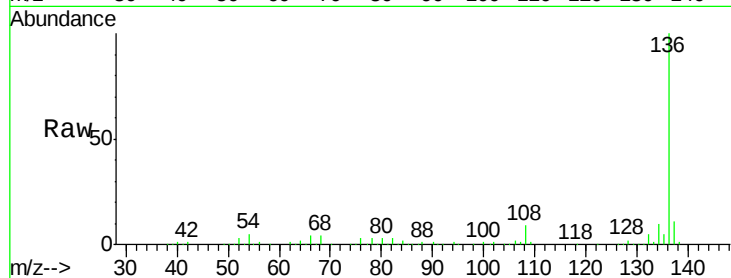
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.0 7.4 11.0#

68 4.4 5.8 8.8#

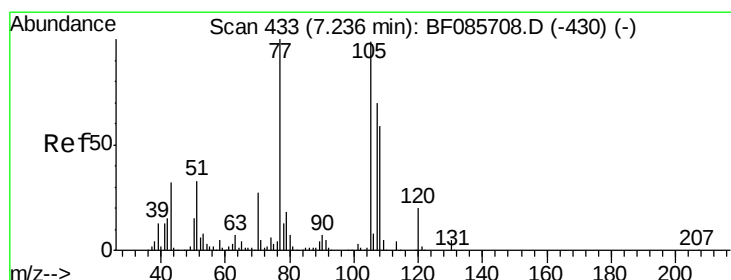
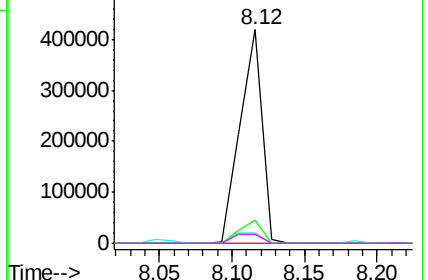
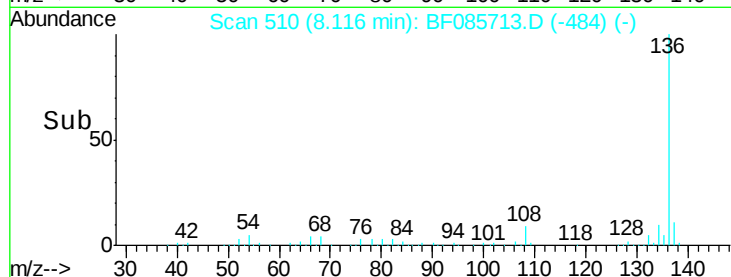


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.23 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Tgt Ion:105 Resp: 393205

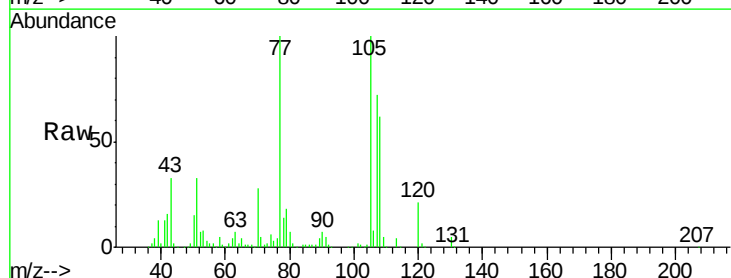
Ion Ratio Lower Upper

105 100

71 4.9 3.6 5.4

51 33.1 25.4 38.0

120 20.8 16.9 25.3

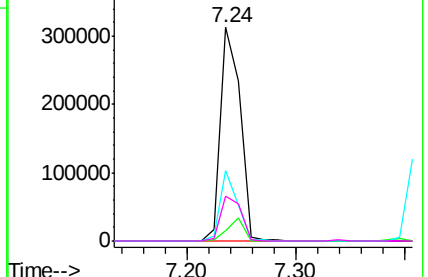
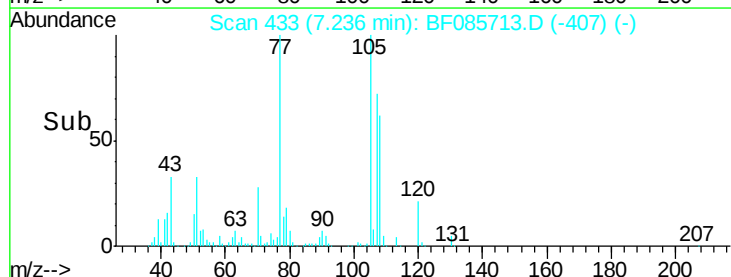


Abundance Ion 105.00 (104.70 to 105.70): E

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

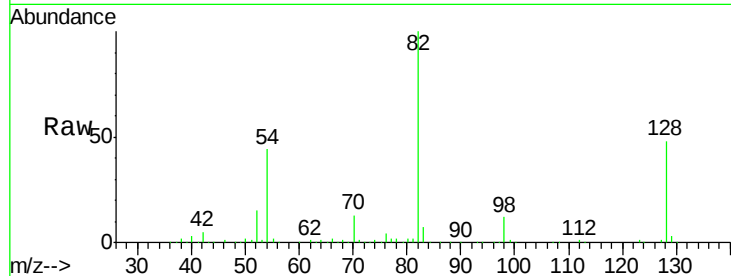




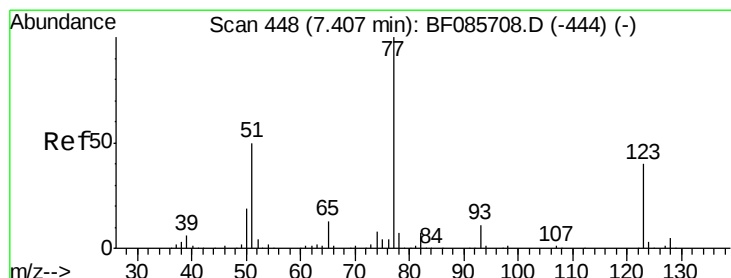
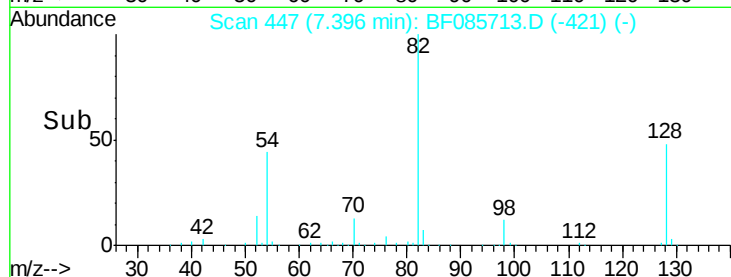
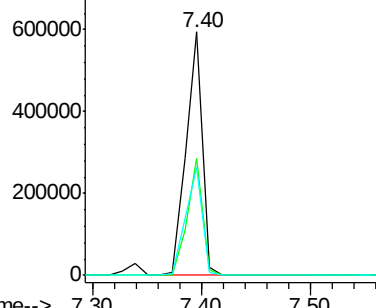
#23
 Nitrobenzene-d5
 Concen: 39.89 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion: 82 Resp: 625413
 Ion Ratio Lower Upper
 82 100
 128 48.1 41.8 62.8
 54 44.2 33.4 50.0

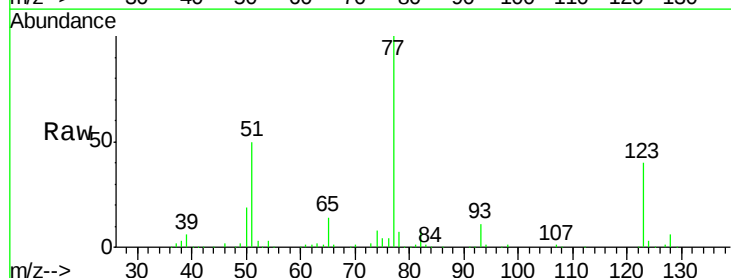


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

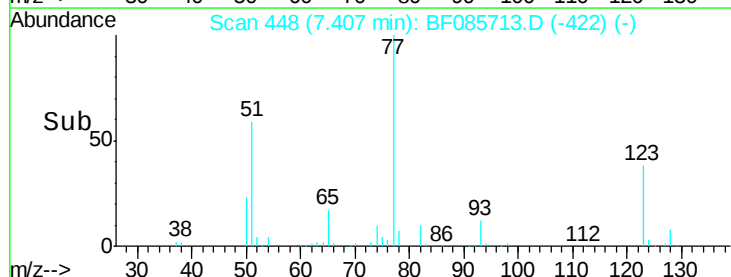
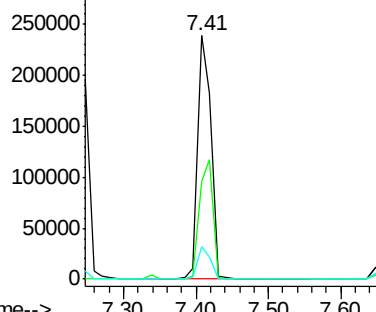


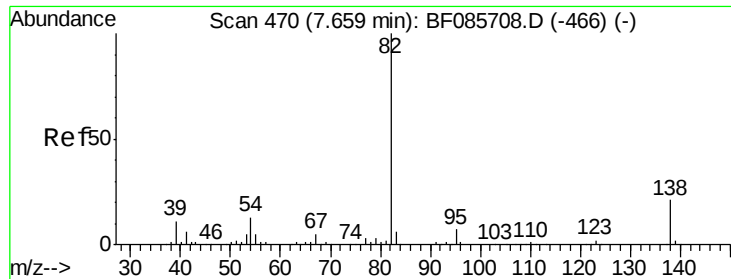
#24
 Nitrobenzene
 Concen: 37.57 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion: 77 Resp: 303627
 Ion Ratio Lower Upper
 77 100
 123 40.0 35.0 52.4
 65 13.5 10.6 16.0



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





#25

Isophorone

Concen: 39.45 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

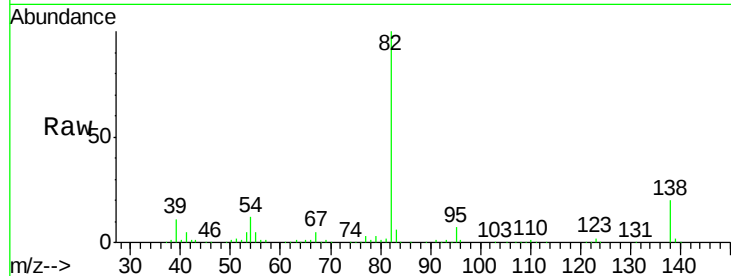
Tgt Ion: 82 Resp: 595839

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

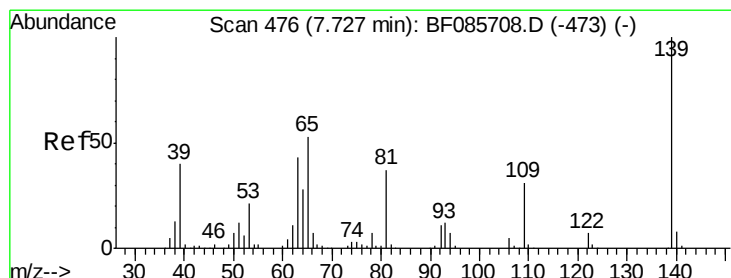
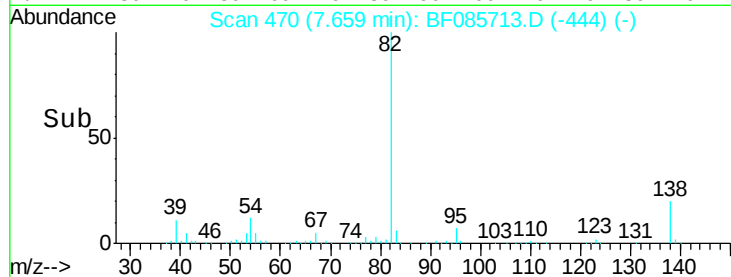
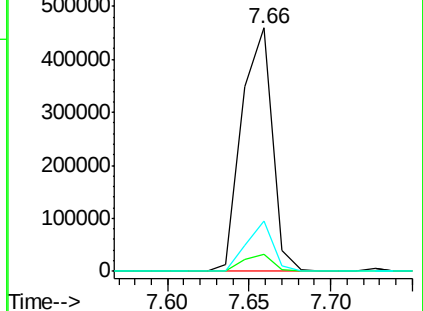
138 20.5 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.24 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

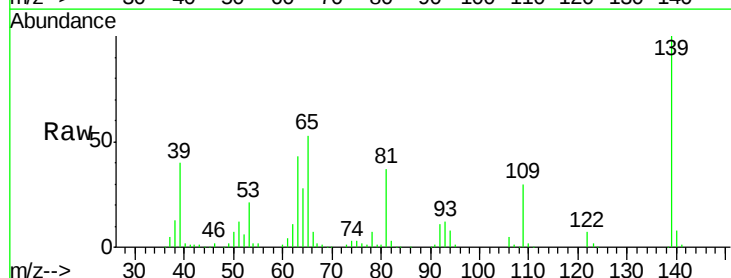
Tgt Ion: 139 Resp: 158660

Ion Ratio Lower Upper

139 100

109 29.8 22.1 33.1

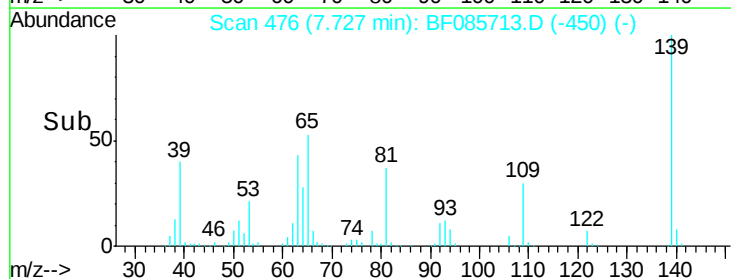
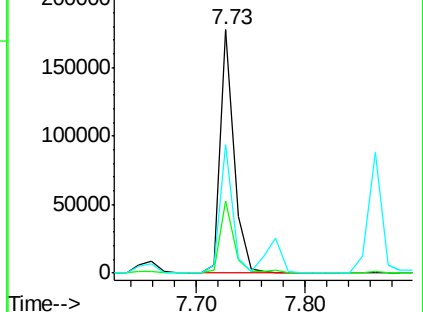
65 53.0 33.9 50.9#

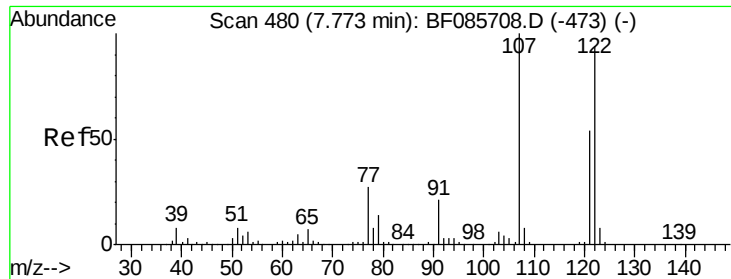


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.81 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

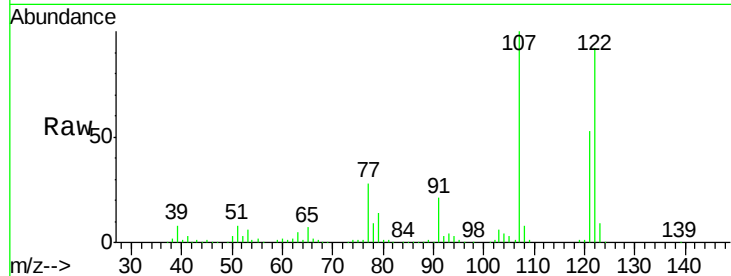
Tgt Ion:122 Resp: 302527

Ion Ratio Lower Upper

122 100

107 108.8 93.0 139.6

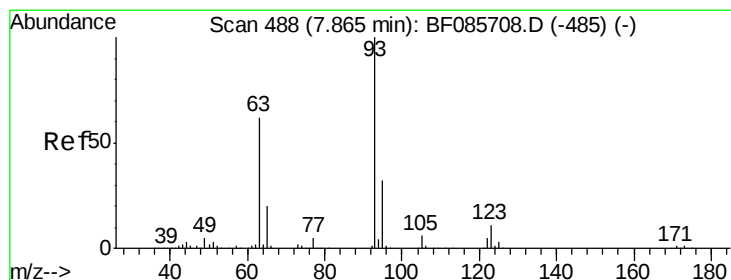
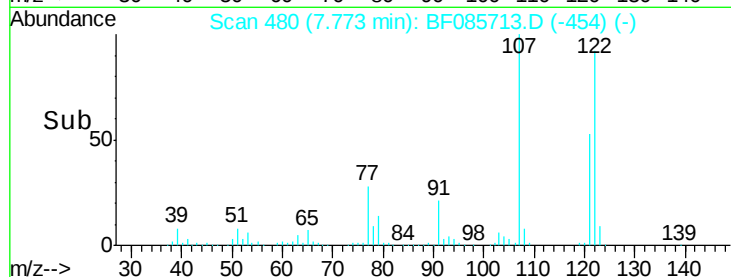
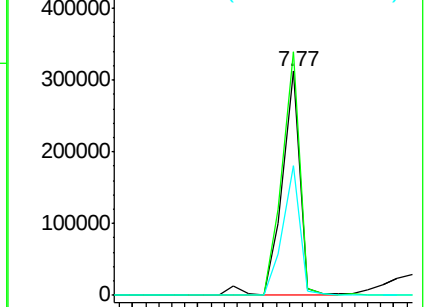
121 58.1 45.9 68.9



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: 41.20 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

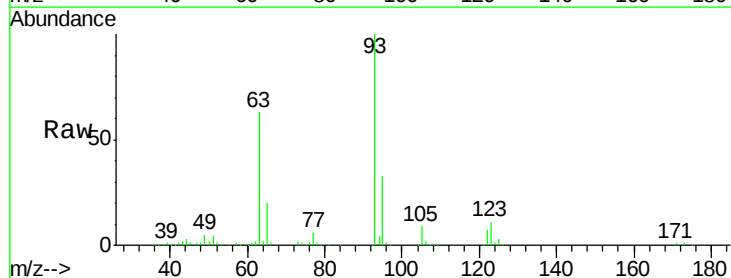
Tgt Ion: 93 Resp: 354537

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

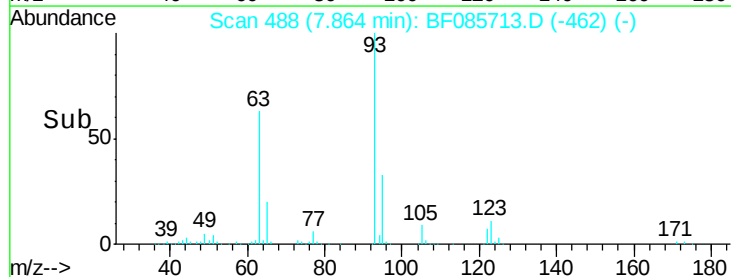
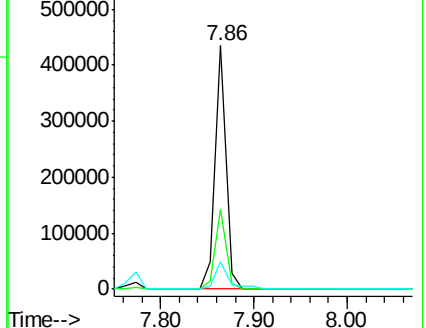
123 11.0 9.8 14.6

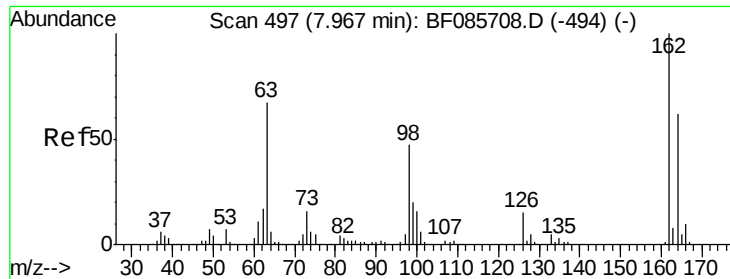


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

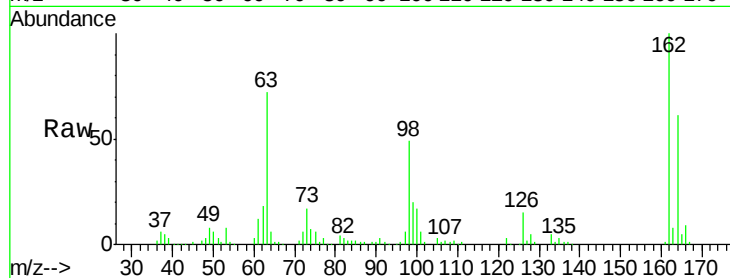




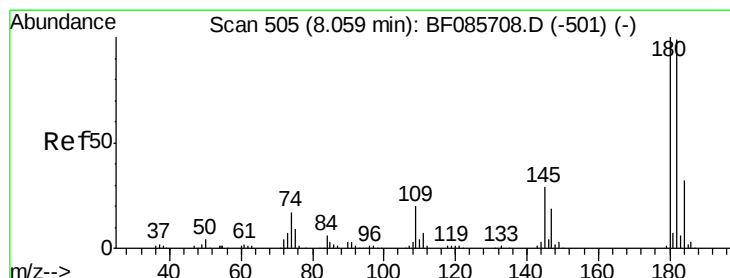
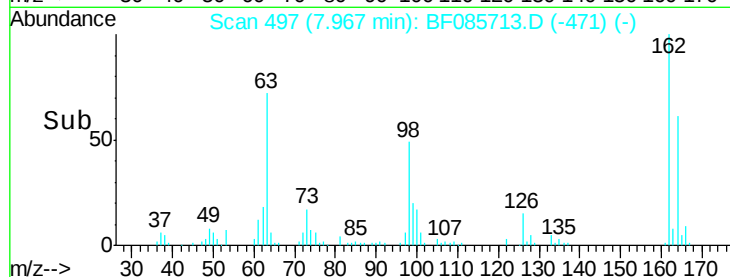
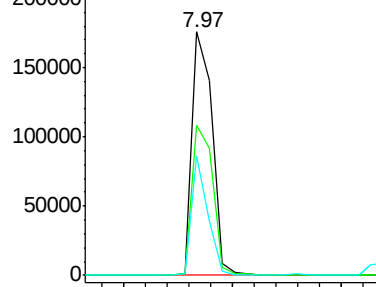
#29
2,4-Dichlorophenol
Concen: 38.30 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032416

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.7	83.7
98	49.3	20.4	60.4

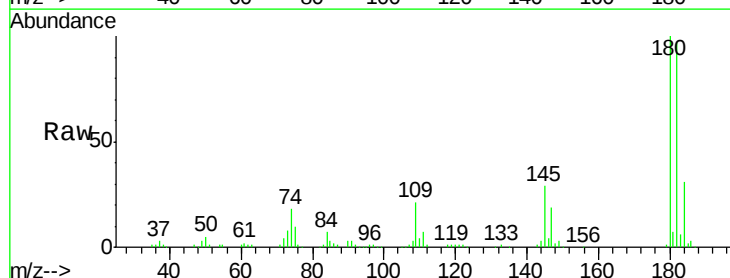


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

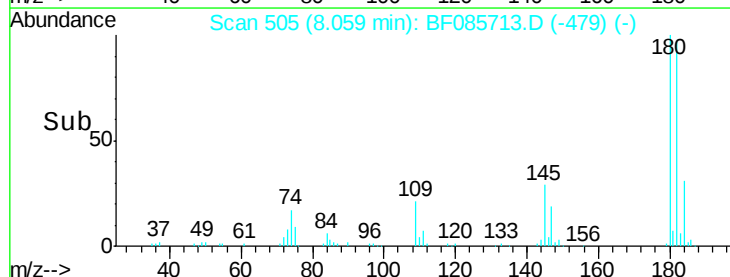
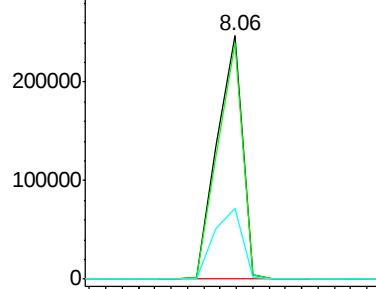


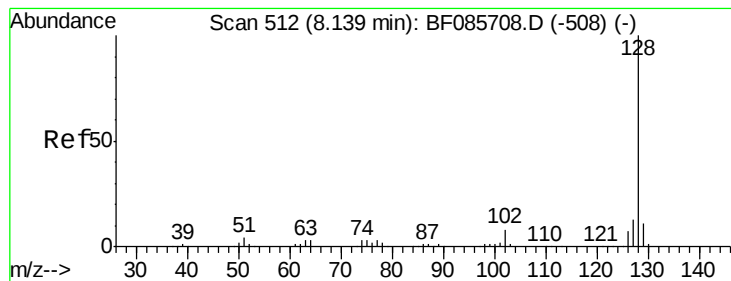
#30
1,2,4-Trichlorobenzene
Concen: 40.35 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	73.8	110.8
145	29.3	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: 38.32 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

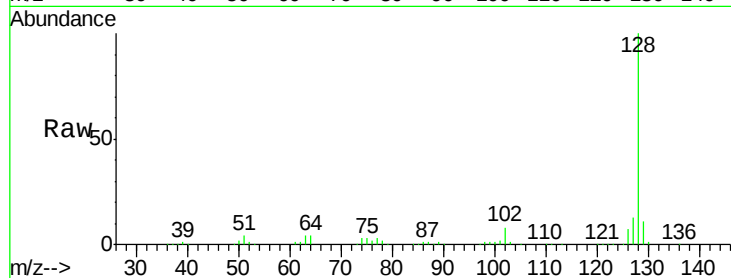
Tgt Ion:128 Resp: 852496

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

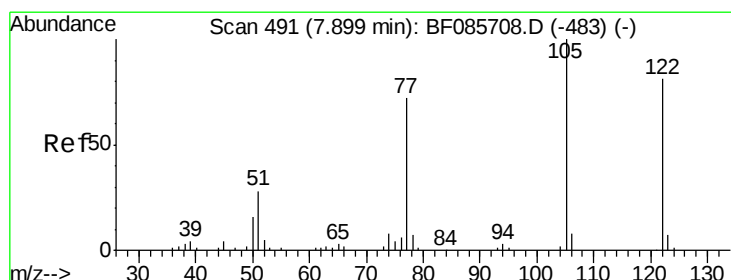
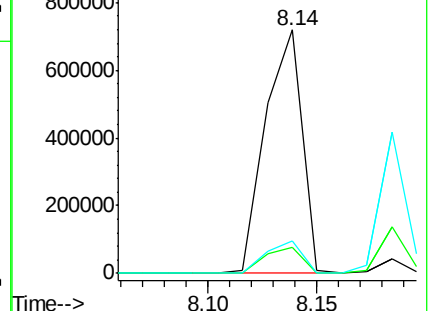
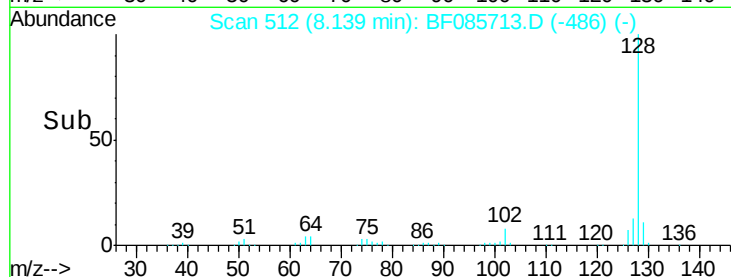
127 13.3 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.39 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

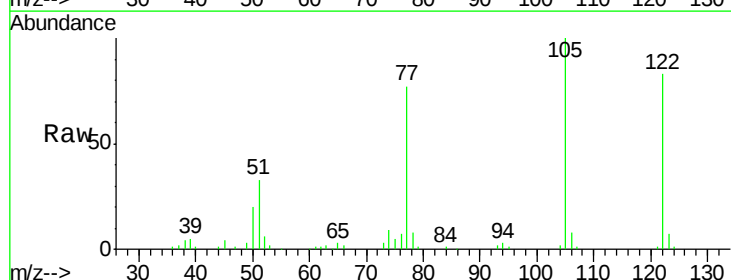
Tgt Ion:122 Resp: 198941

Ion Ratio Lower Upper

122 100

105 119.9 102.9 142.9

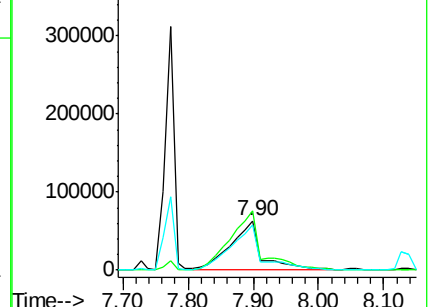
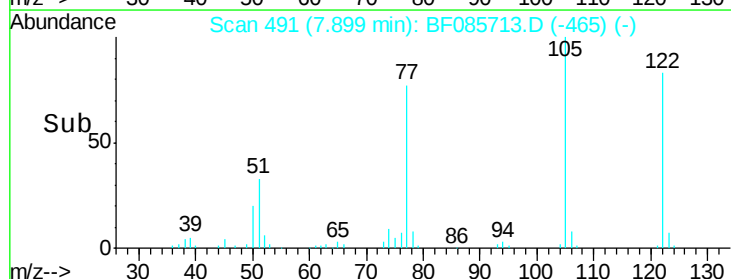
77 91.9 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

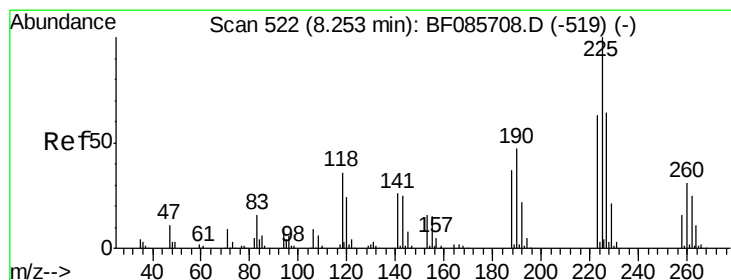
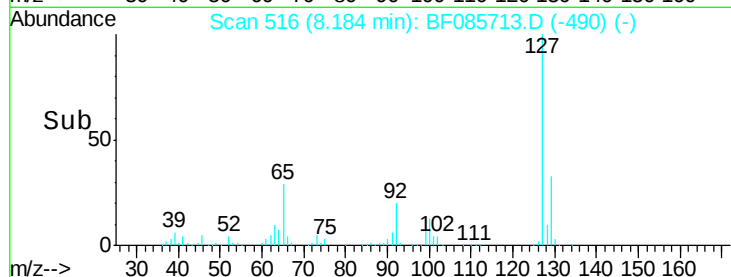
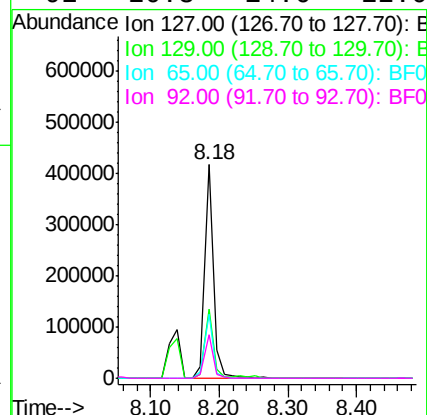
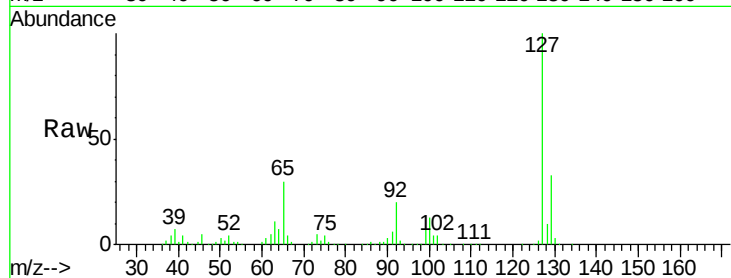




#33
4-Chloroaniline
Concen: 39.20 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

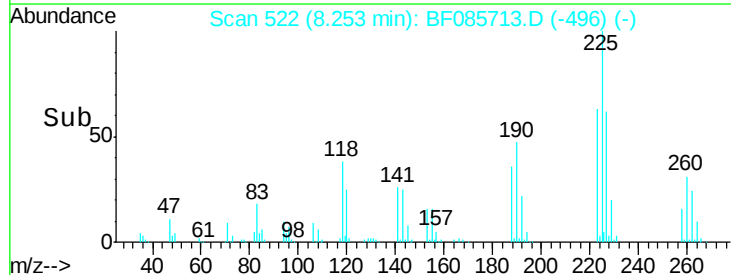
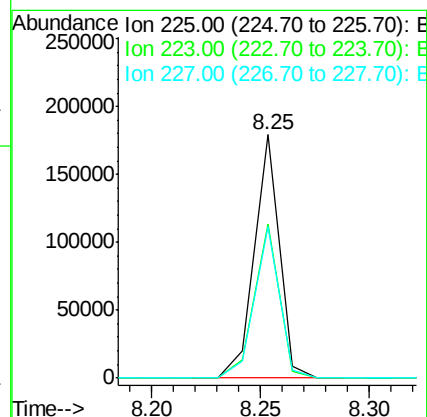
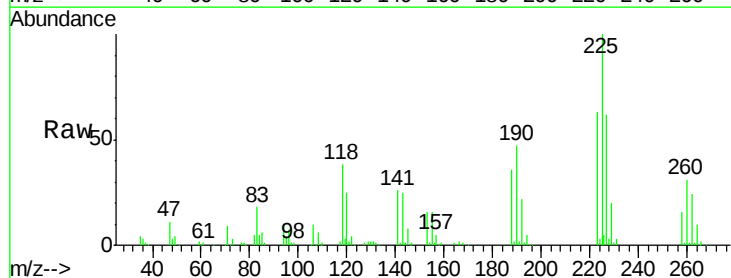
Instrument :
BNA_F
ClientSampleId :
ICVBF032416

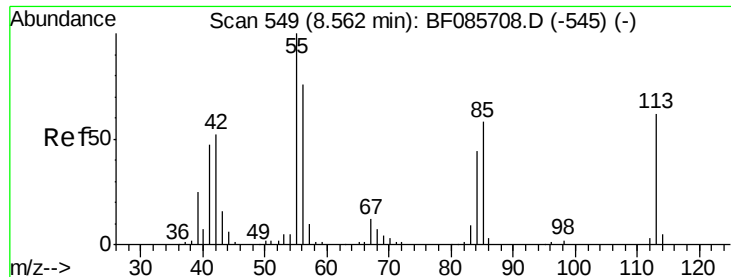
Tgt Ion:	127	Resp:	356043
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.8	19.5	29.3#
92	20.3	14.6	22.0



#34
Hexachlorobutadiene
Concen: 39.81 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:	225	Resp:	142720
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	62.4	51.4	77.2

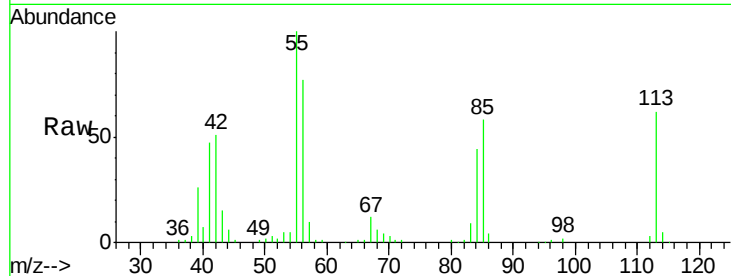




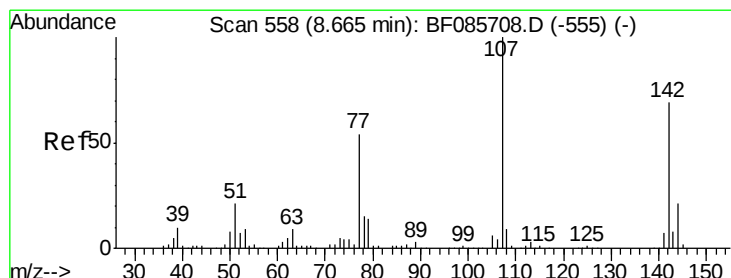
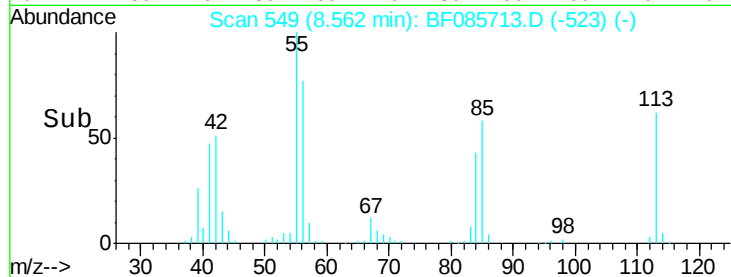
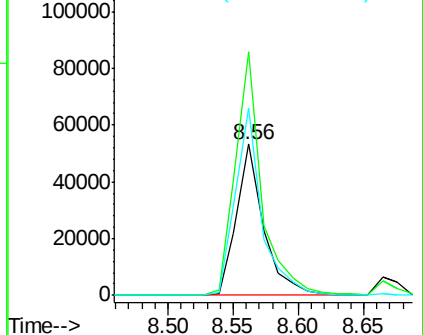
#35
 Caprolactam
 Concen: 36.49 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion:113 Resp: 76794
 Ion Ratio Lower Upper
 113 100
 55 161.3 139.4 179.4
 56 123.9 100.4 140.4

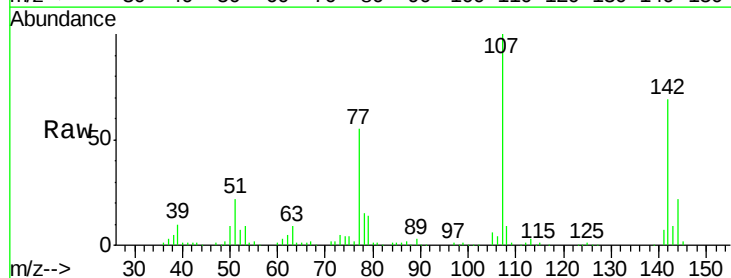


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

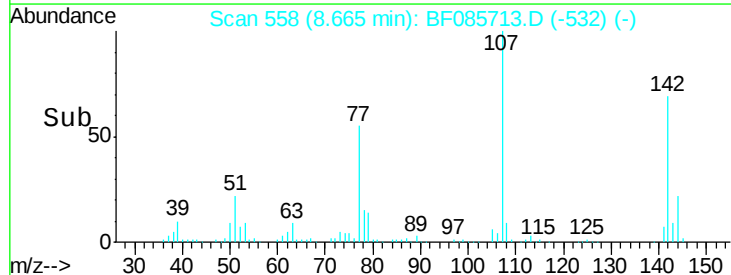
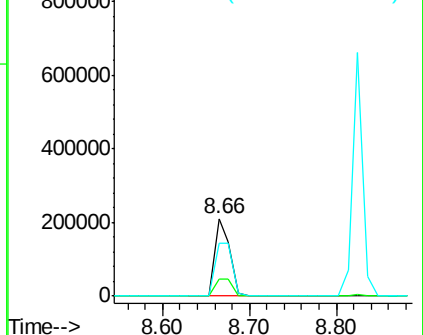


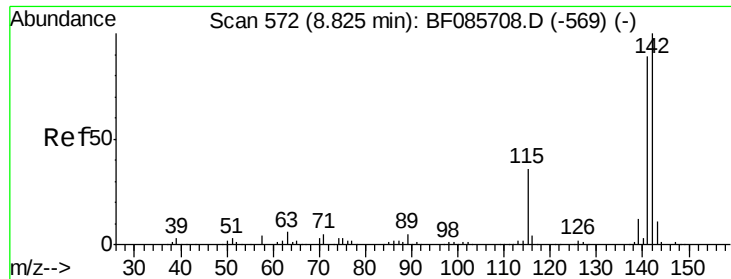
#36
 4-Chloro-3-methylphenol
 Concen: 37.11 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:107 Resp: 257513
 Ion Ratio Lower Upper
 107 100
 144 21.9 19.3 28.9
 142 69.1 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

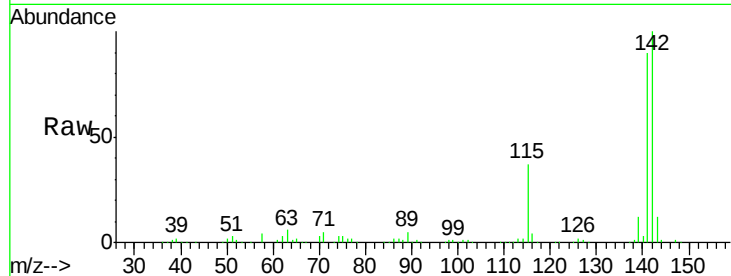




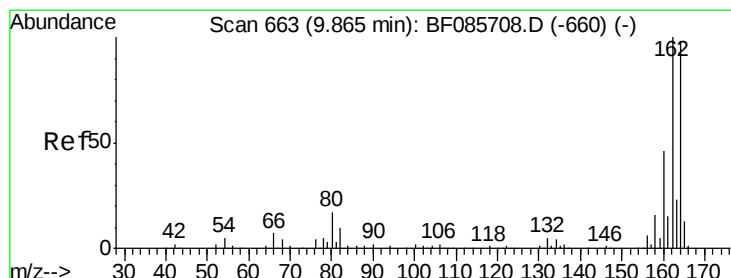
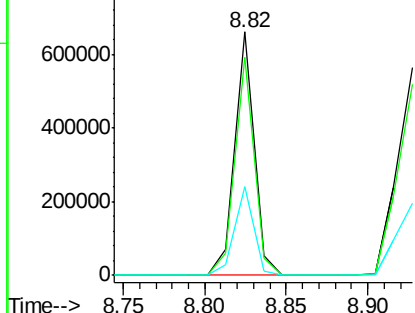
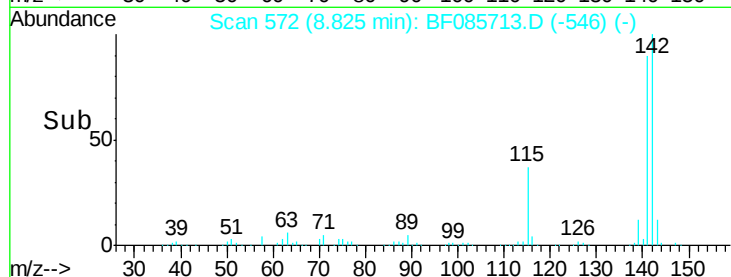
#37
 2-Methylnaphthalene
 Concen: 40.56 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion:142 Resp: 538849
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.6 107.4
 115 36.5 26.8 40.2

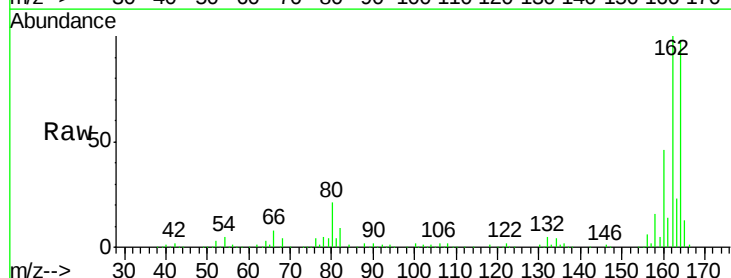


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

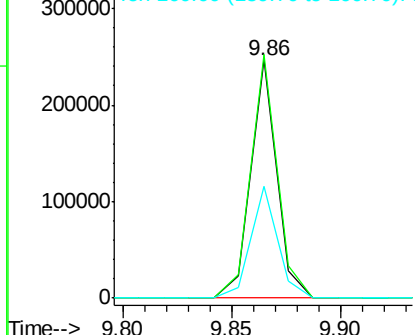
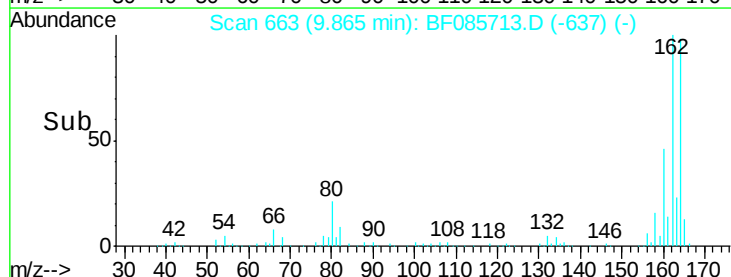


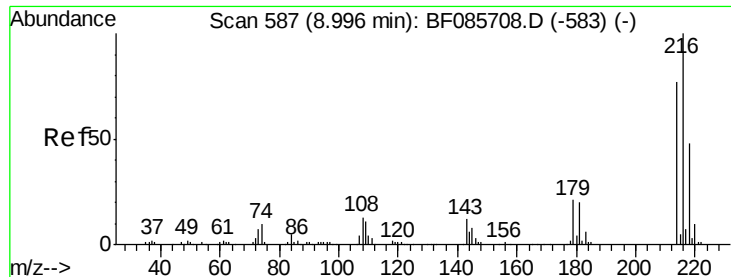
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:164 Resp: 203736
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.7 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

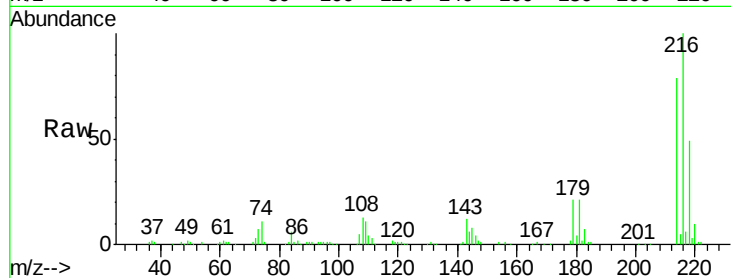




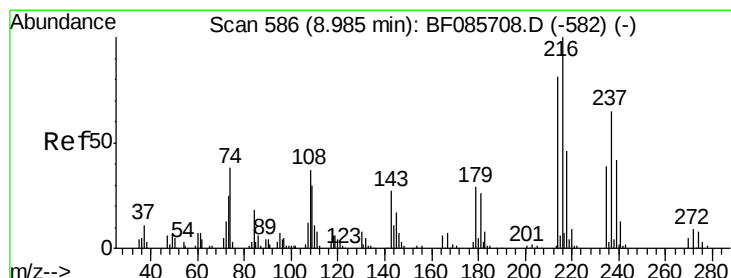
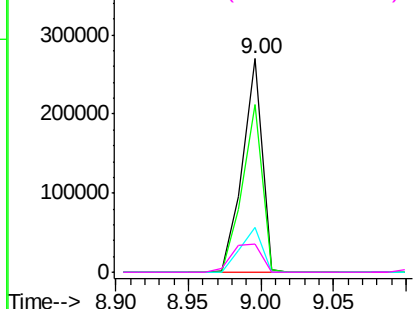
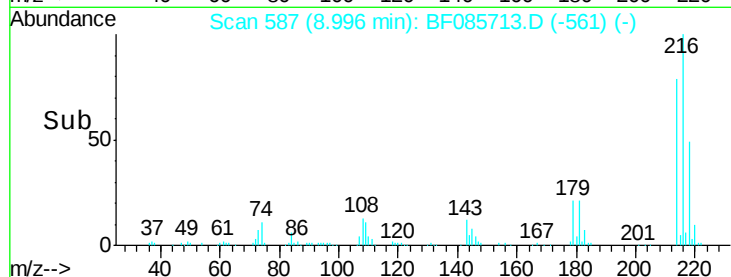
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.26 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion:	216	Resp:	255310
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.1	94.7
179	23.0	18.2	27.2
108	20.3	17.3	25.9

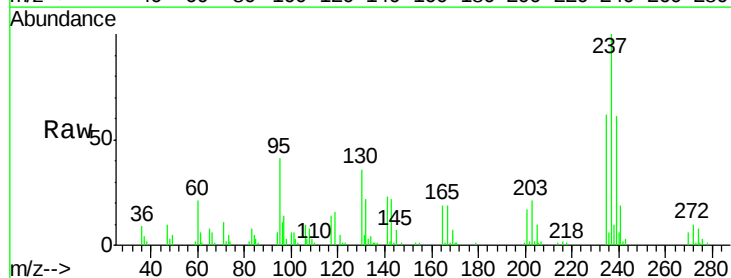


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

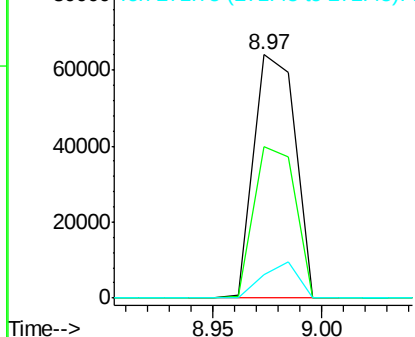
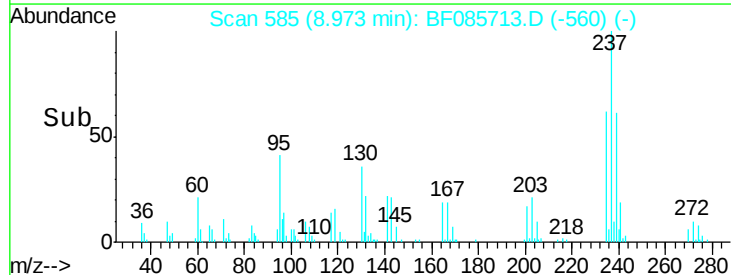


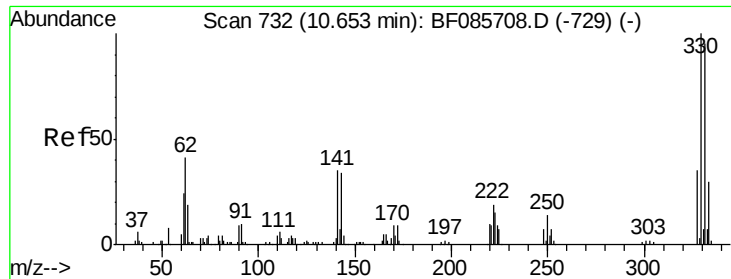
#40
 Hexachlorocyclopentadiene
 Concen: 39.10 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:	237	Resp:	85103
Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.7	83.7
272	9.9	0.0	31.9



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

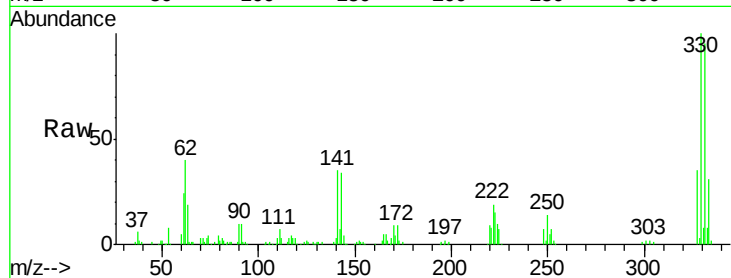




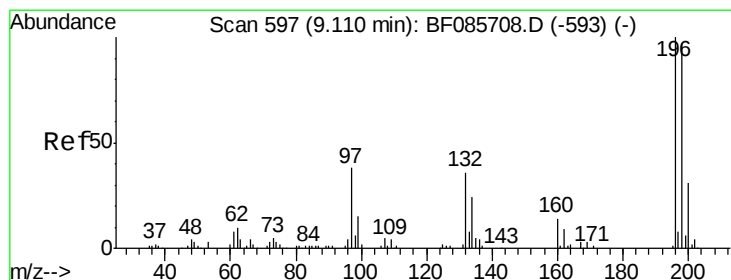
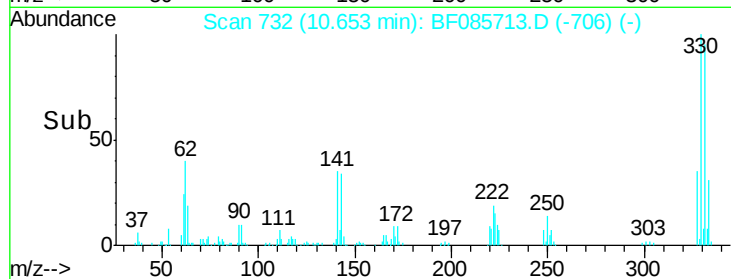
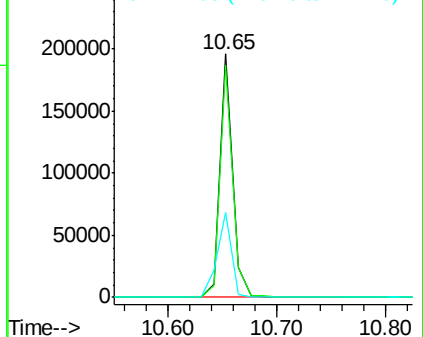
#41
 2,4,6-Tribromophenol
 Concen: 41.66 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion:330 Resp: 161286
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.2 117.2
 141 40.0 31.5 47.3

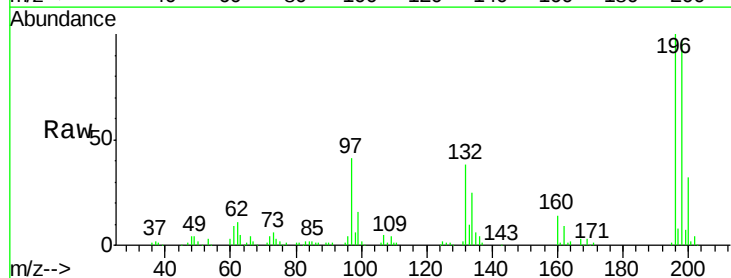


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

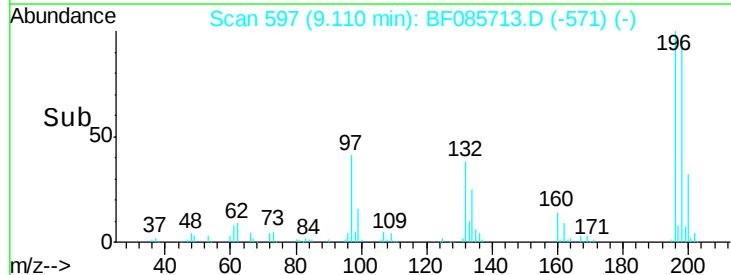
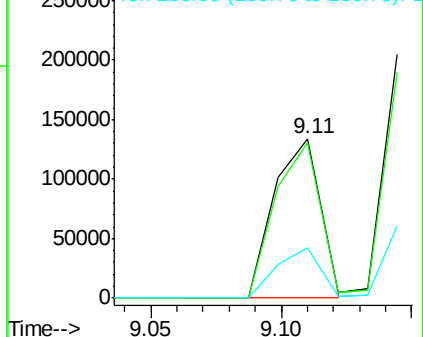


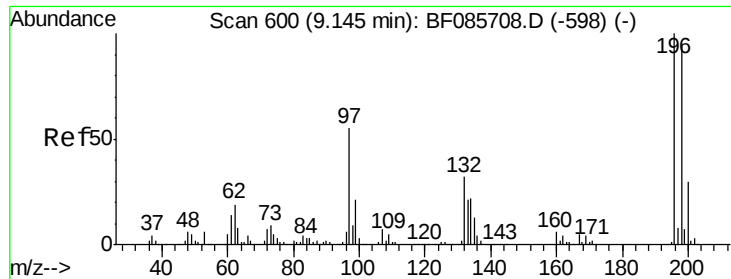
#42
 2,4,6-Trichlorophenol
 Concen: 40.47 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:196 Resp: 165132
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.3 112.9
 200 31.9 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

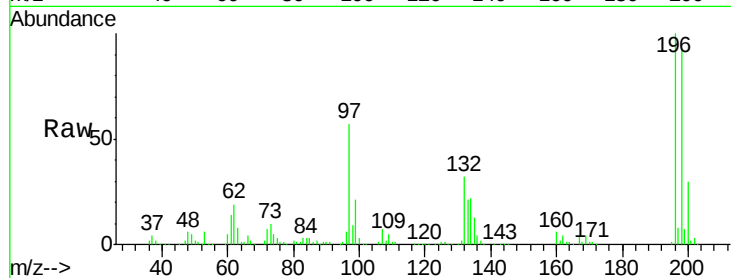




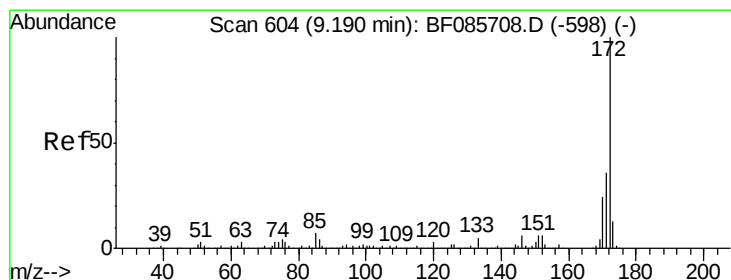
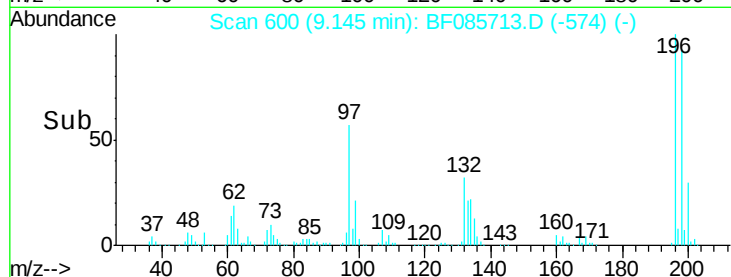
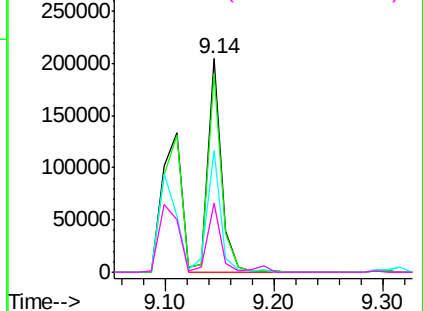
#43
 2,4,5-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion:196 Resp: 178946
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.6 114.8
 97 57.0 30.5 45.7#
 132 32.3 20.2 30.2#

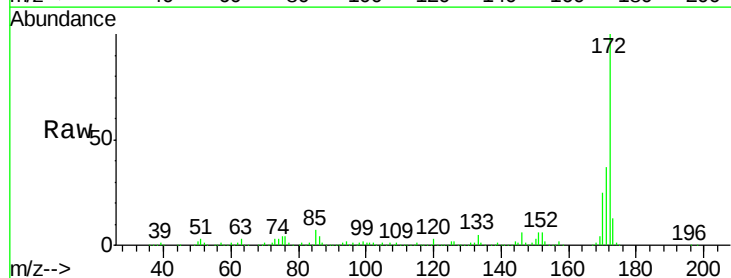


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

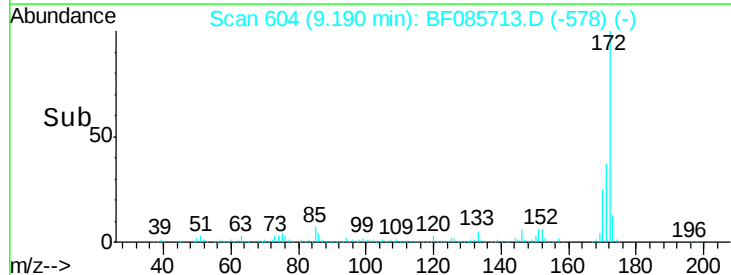
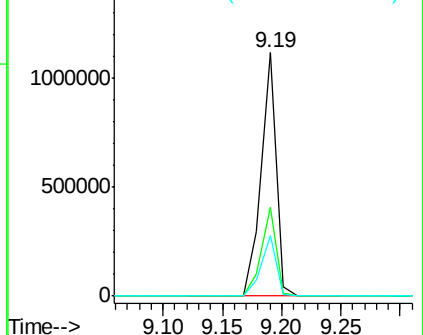


#44
 2-Fluorobiphenyl
 Concen: 41.03 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:172 Resp: 1000714
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.8 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.76 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

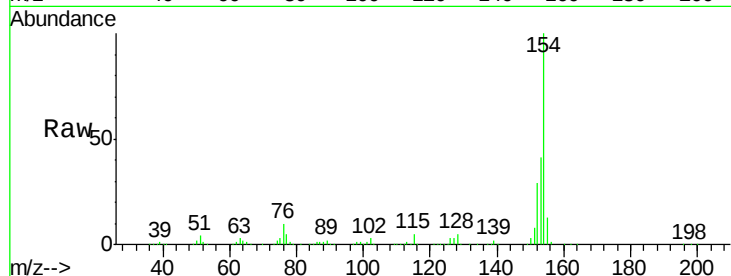
Tgt Ion:154 Resp: 735175

Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

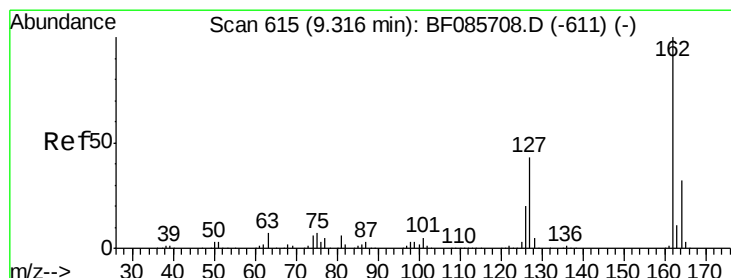
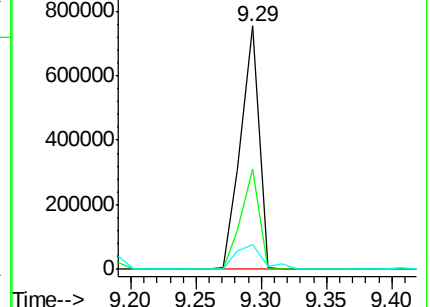
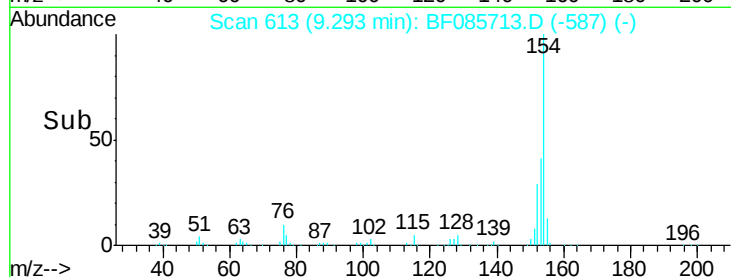
76 10.0 0.0 36.7



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: 43.13 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

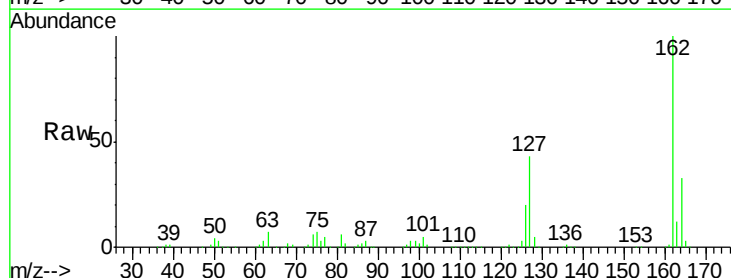
Tgt Ion:162 Resp: 545267

Ion Ratio Lower Upper

162 100

127 43.0 31.7 47.5

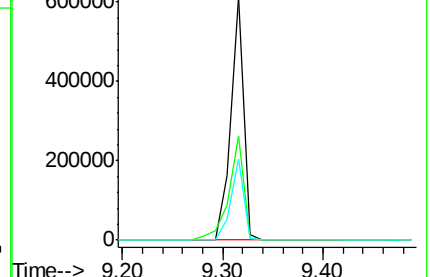
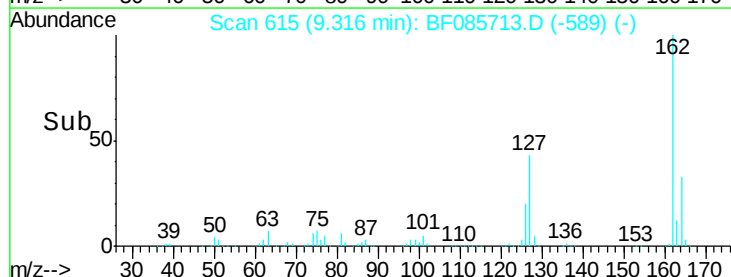
164 33.4 27.3 40.9

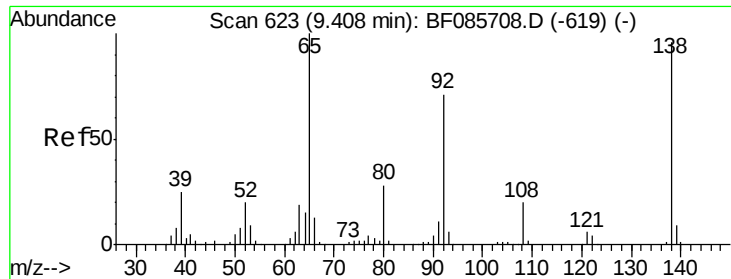


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

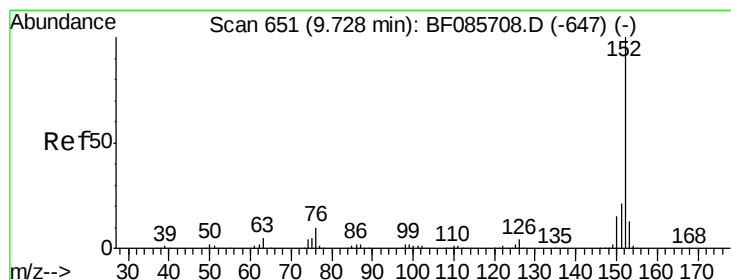
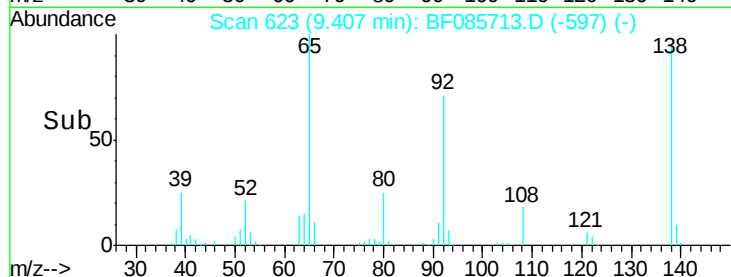
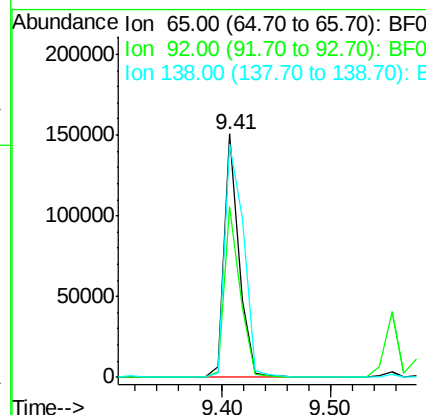
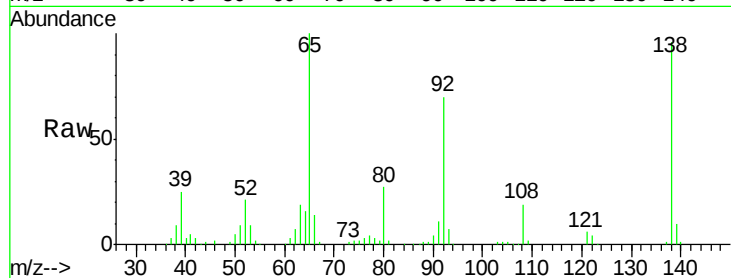




#47
2-Nitroaniline
Concen: 37.39 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

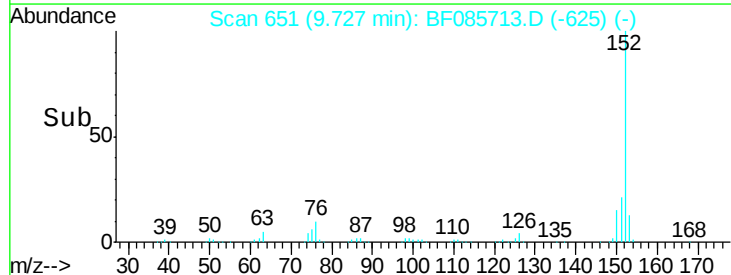
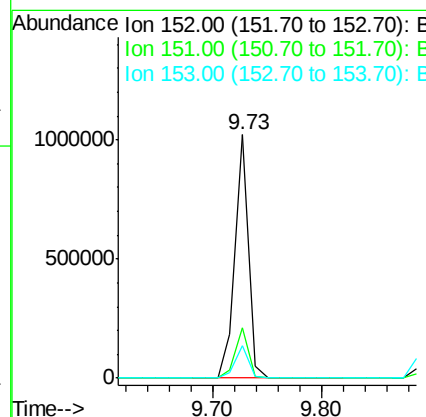
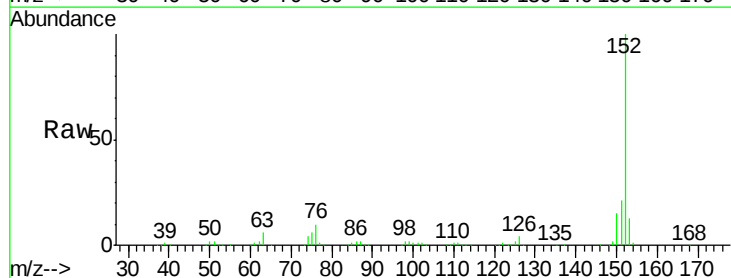
Instrument :
BNA_F
ClientSampleId :
ICVBF032416

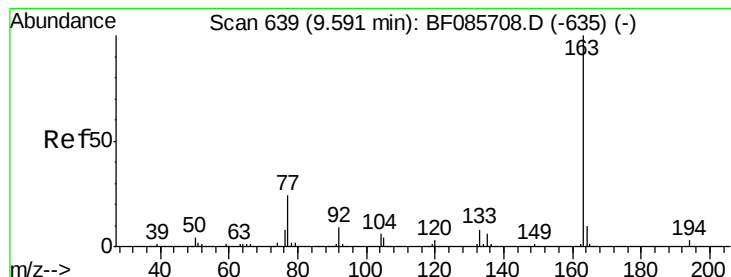
Tgt Ion: 65 Resp: 144543
Ion Ratio Lower Upper
65 100
92 70.3 59.7 89.5
138 95.8 91.4 137.0



#48
Acenaphthylene
Concen: 41.97 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion: 152 Resp: 864492
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 37.69 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

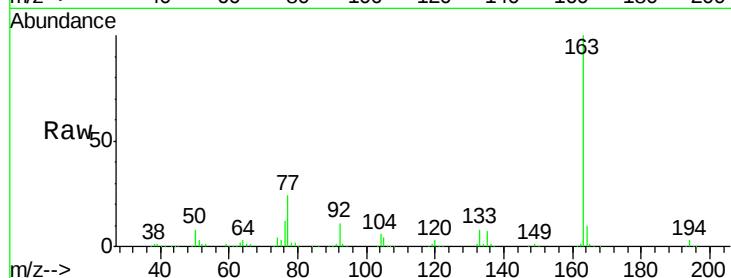
Tgt Ion:163 Resp: 582549

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

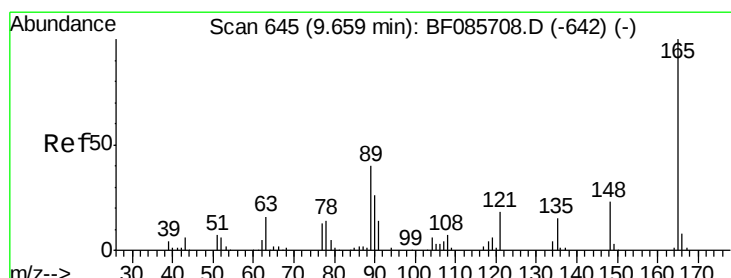
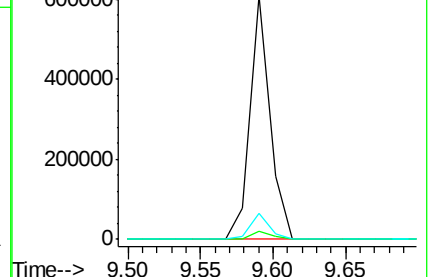
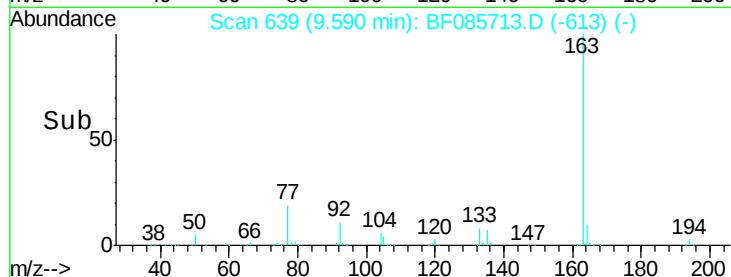
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.97 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

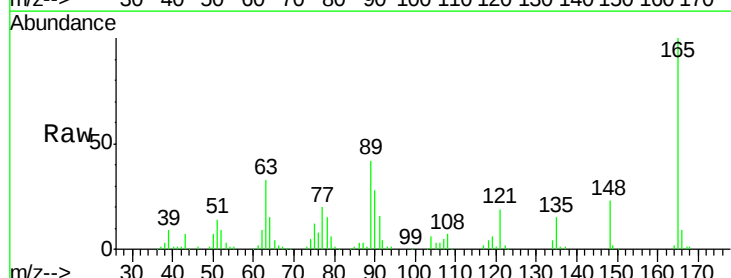
Tgt Ion:165 Resp: 146286

Ion Ratio Lower Upper

165 100

63 32.9 51.8 77.8#

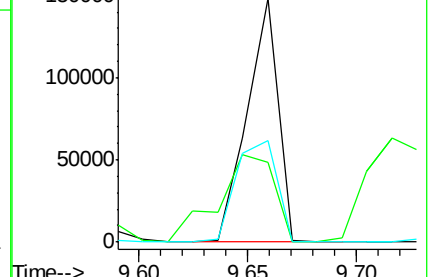
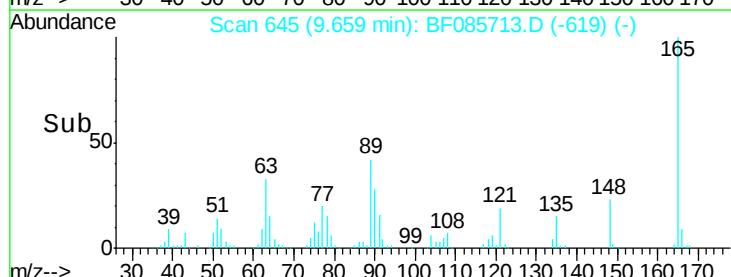
89 41.8 53.7 80.5#



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: 41.58 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

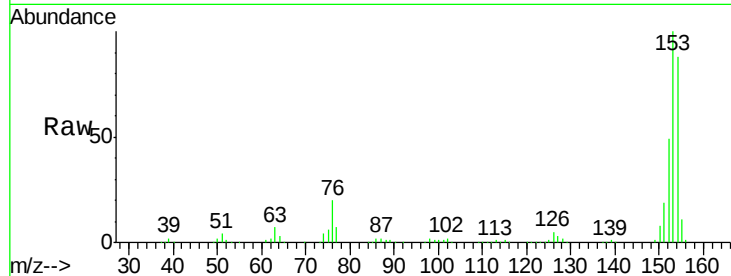
Tgt Ion:154 Resp: 523172

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

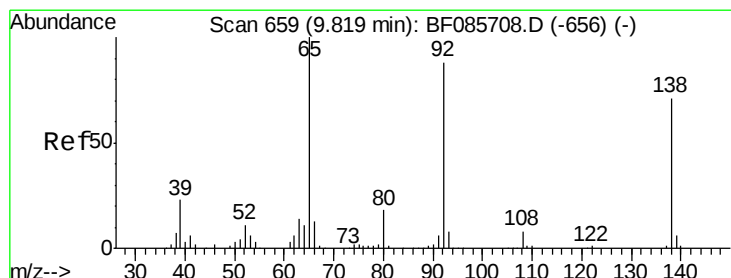
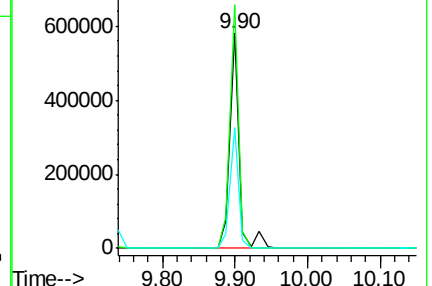
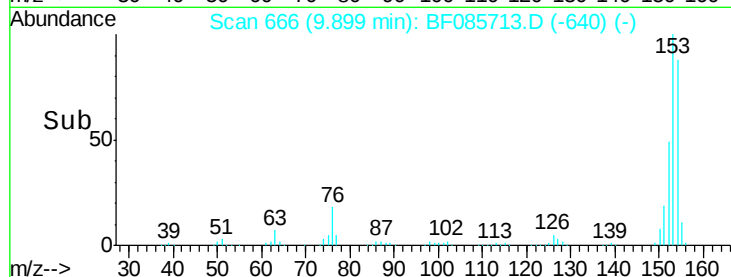
152 55.8 44.2 66.2



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: 38.87 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

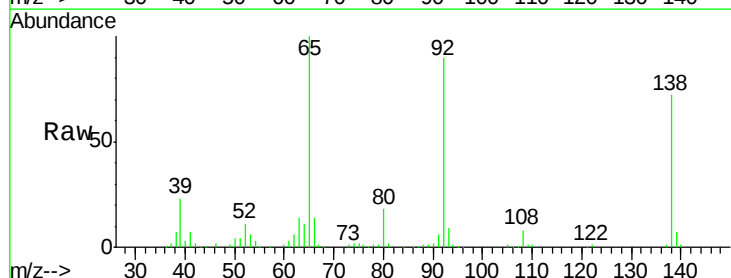
Tgt Ion:138 Resp: 148040

Ion Ratio Lower Upper

138 100

108 11.1 8.7 13.1

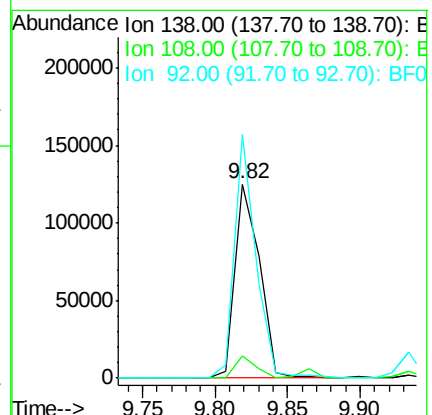
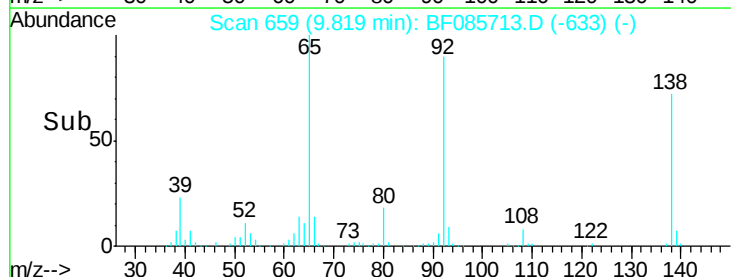
92 125.3 93.3 139.9



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

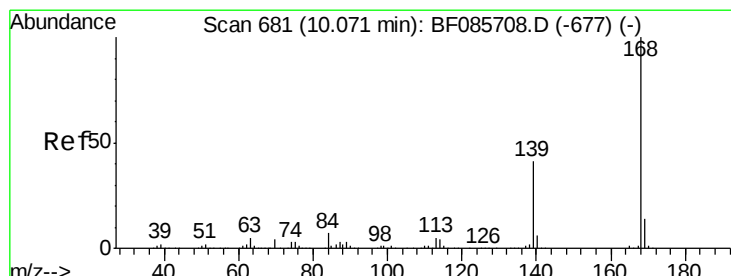
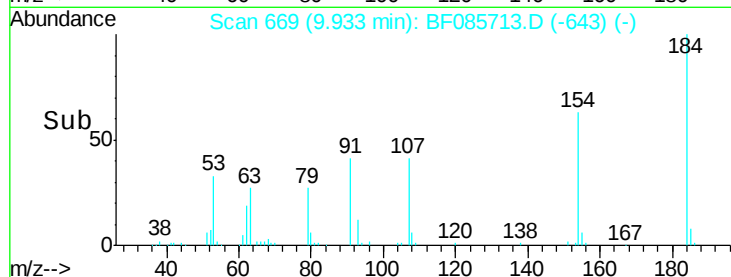
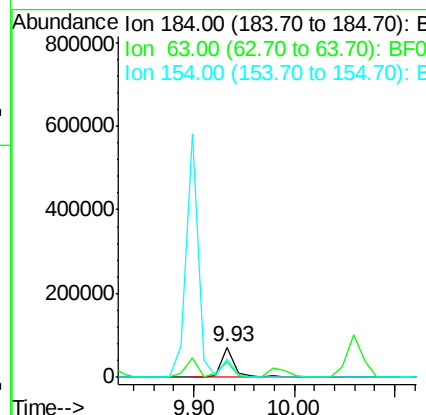
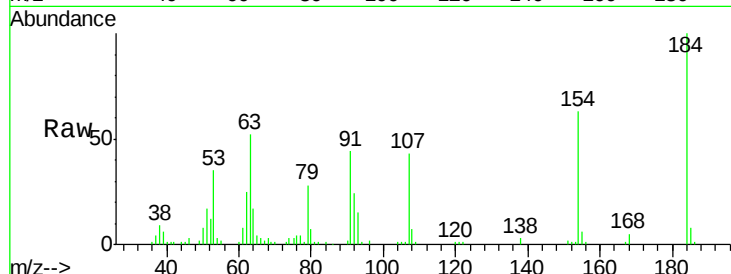




#53
 2,4-Dinitrophenol
 Concen: 42.82 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

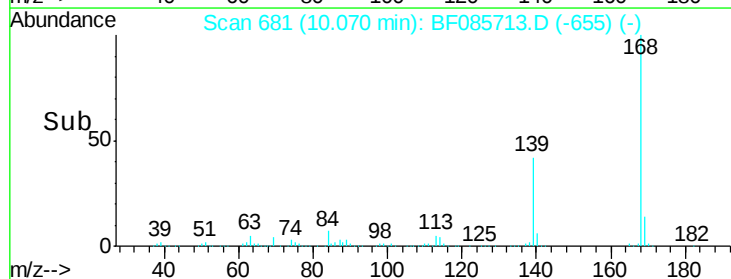
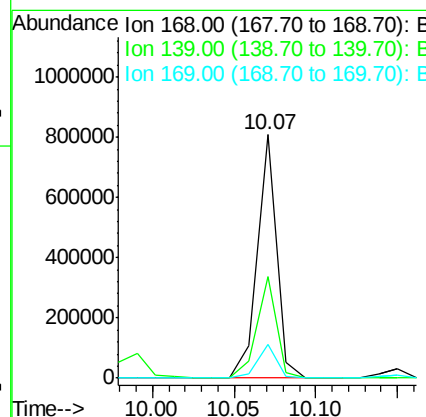
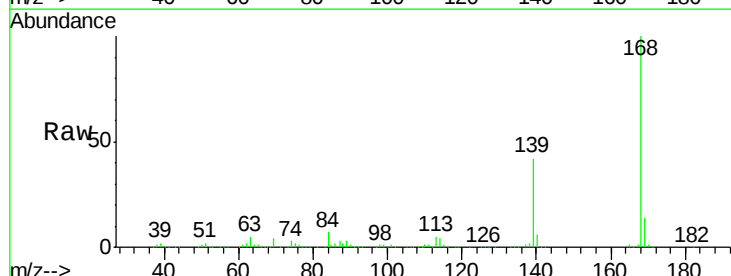
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

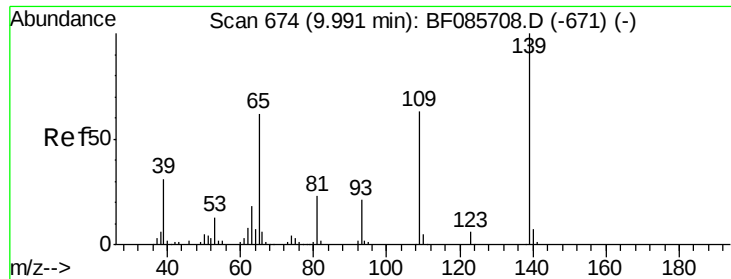
Tgt Ion:184 Resp: 66872
 Ion Ratio Lower Upper
 184 100
 63 52.3 69.5 104.3#
 154 63.3 58.3 87.5



#54
 Dibenzofuran
 Concen: 40.98 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:168 Resp: 667388
 Ion Ratio Lower Upper
 168 100
 139 41.9 31.9 47.9
 169 13.7 11.0 16.6

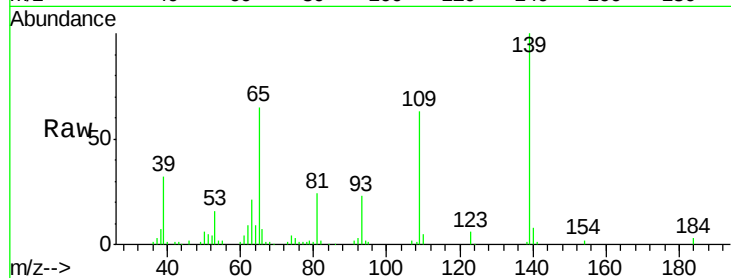




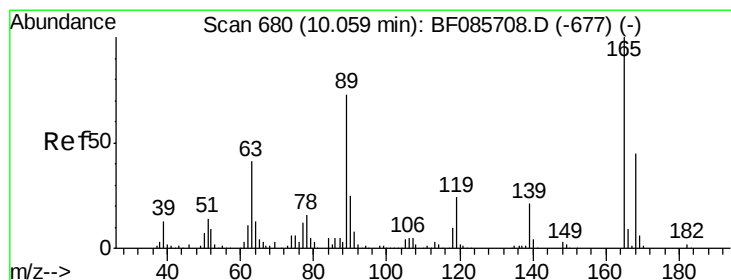
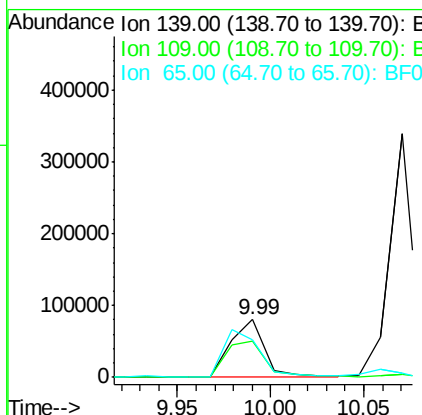
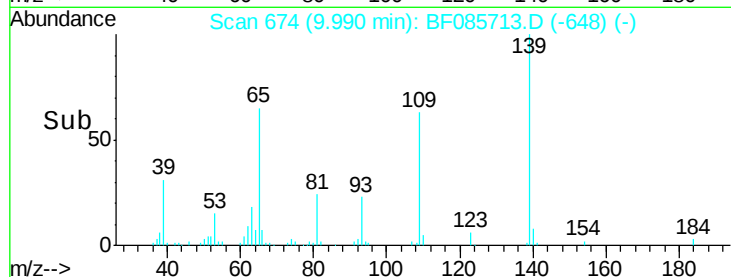
#55
4-Nitrophenol
Concen: 42.38 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032416

Tgt Ion:139 Resp: 105154
Ion Ratio Lower Upper
139 100
109 63.4 49.2 89.2
65 65.1 66.9 106.9#

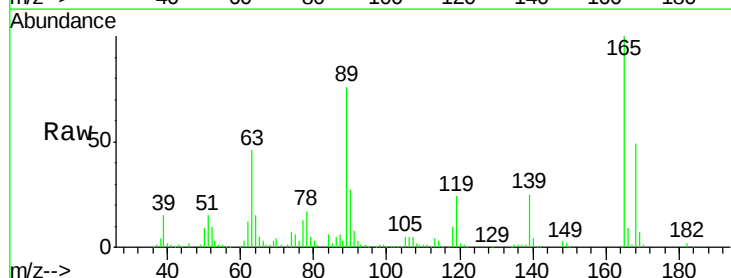


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

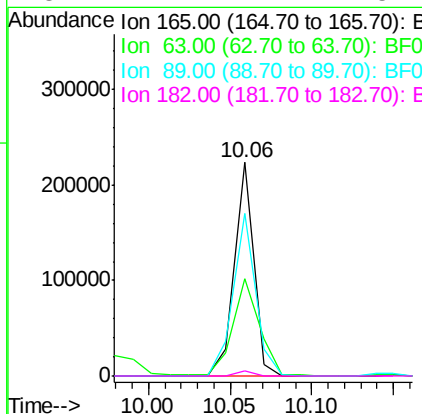
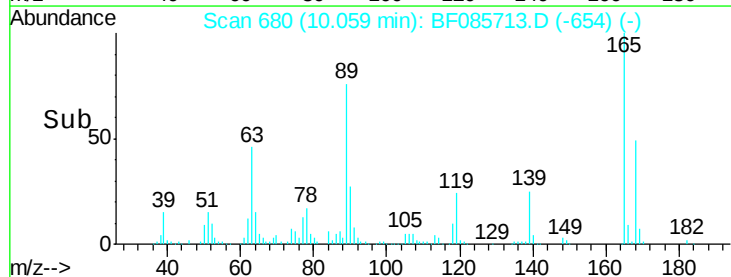


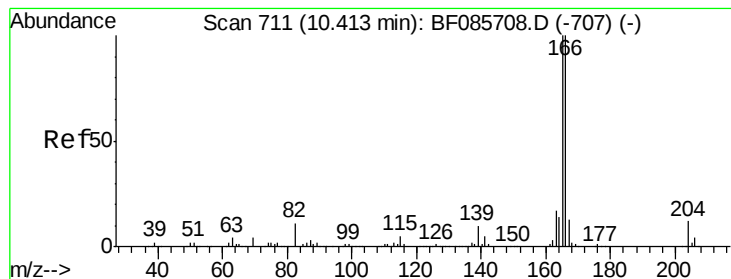
#56
2,4-Dinitrotoluene
Concen: 42.89 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:165 Resp: 181399
Ion Ratio Lower Upper
165 100
63 45.6 24.9 37.3#
89 76.4 41.0 61.6#
182 2.4 2.1 3.1



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





#57

Fluorene

Concen: 42.60 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

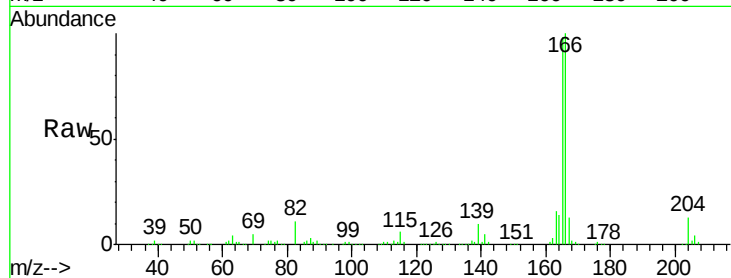
Tgt Ion:166 Resp: 576634

Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.0

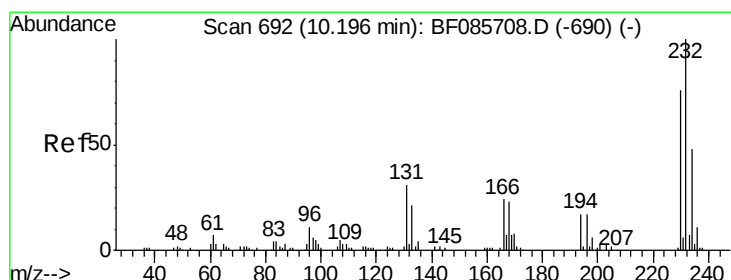
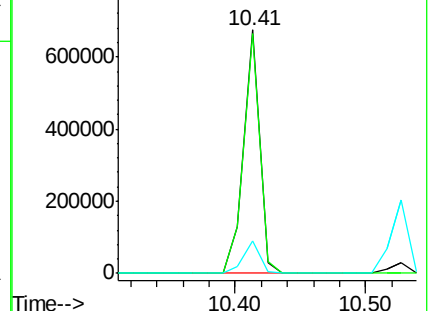
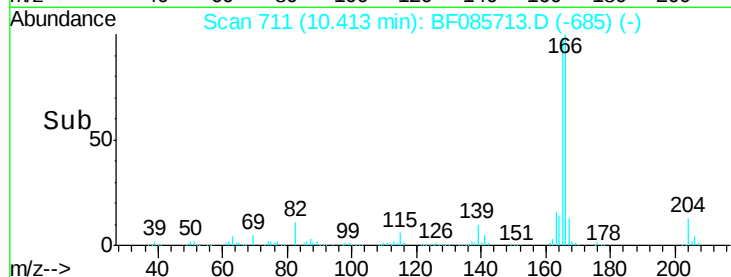
167 13.3 11.0 16.4



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: 39.68 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Tgt Ion:232 Resp: 118003

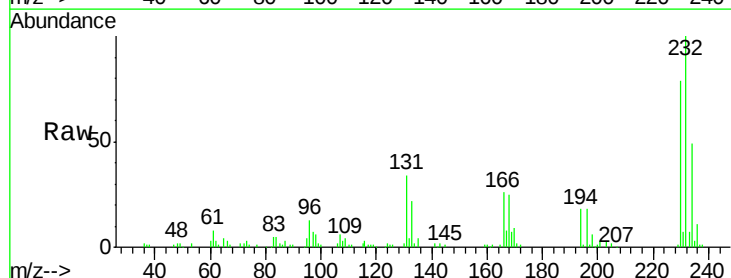
Ion Ratio Lower Upper

232 100

131 57.3 44.9 67.3

130 2.7 2.3 3.5

166 34.7 28.1 42.1

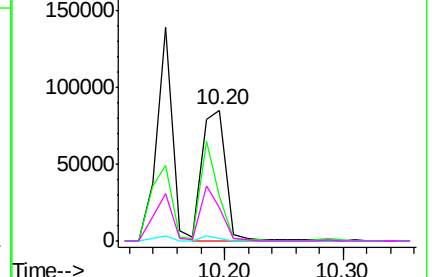
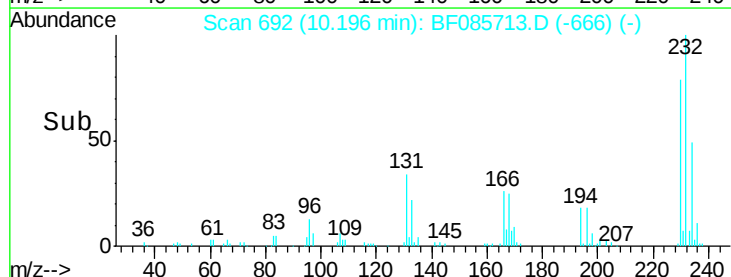


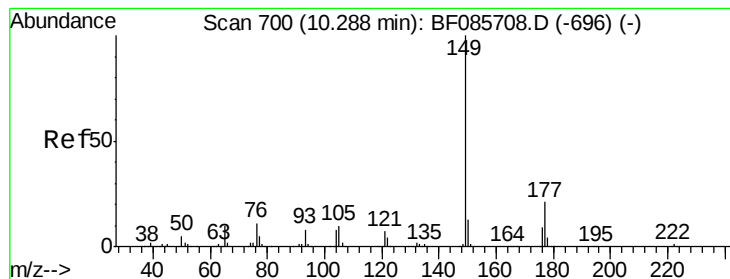
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.54 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

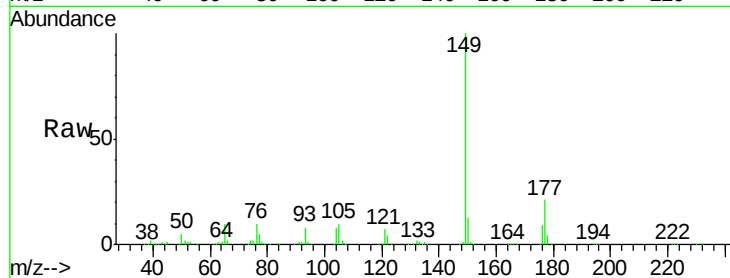
Tgt Ion:149 Resp: 603834

Ion Ratio Lower Upper

149 100

177 21.2 17.9 26.9

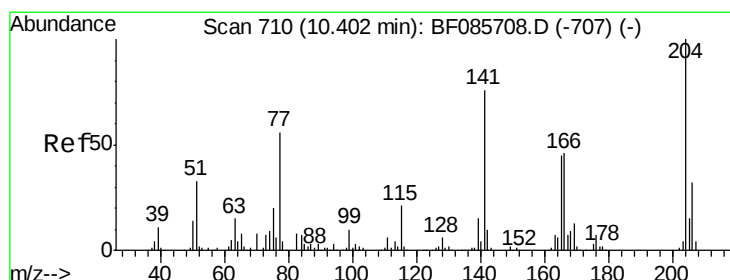
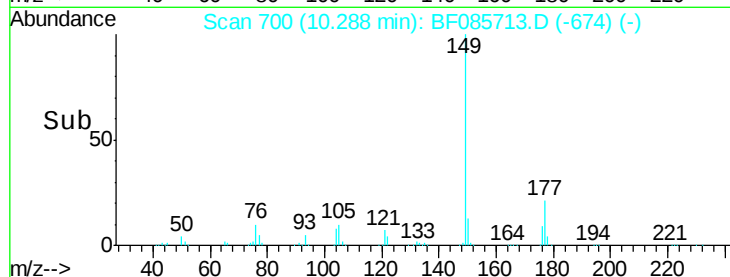
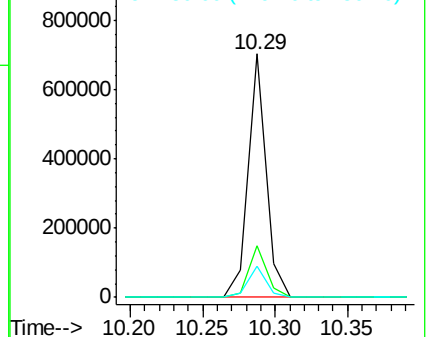
150 12.8 10.2 15.2



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: 37.99 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

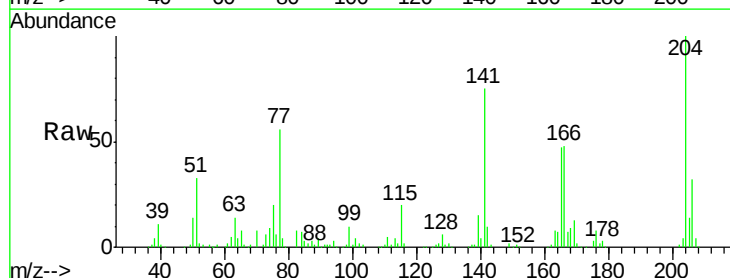
Tgt Ion:204 Resp: 251458

Ion Ratio Lower Upper

204 100

206 32.3 26.6 39.8

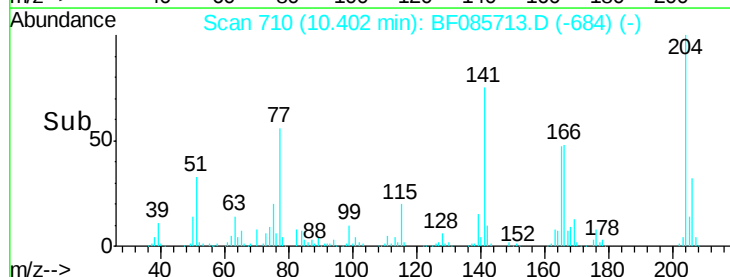
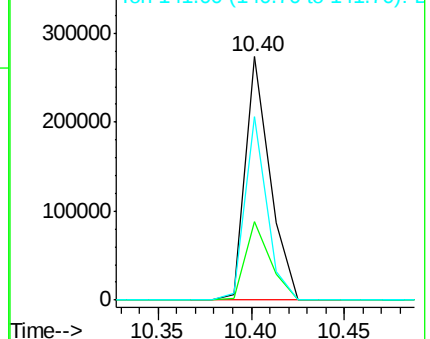
141 75.4 57.4 86.0

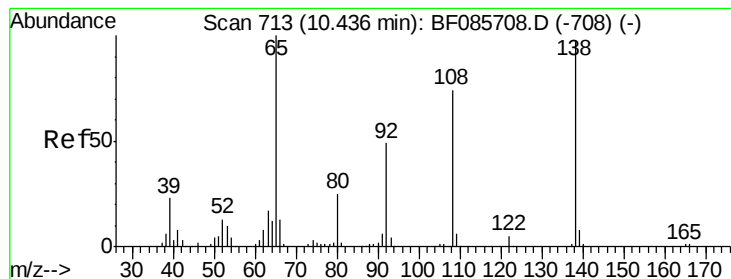


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.26 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

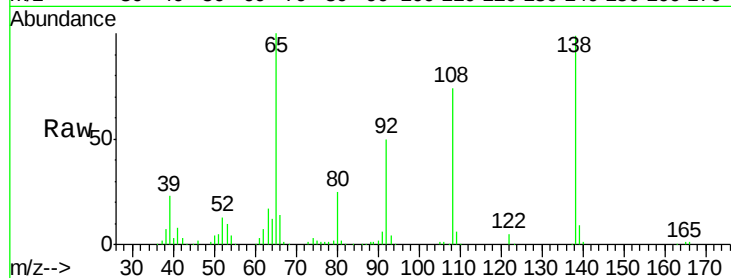
Tgt Ion:138 Resp: 157567

Ion Ratio Lower Upper

138 100

92 50.2 26.4 66.4

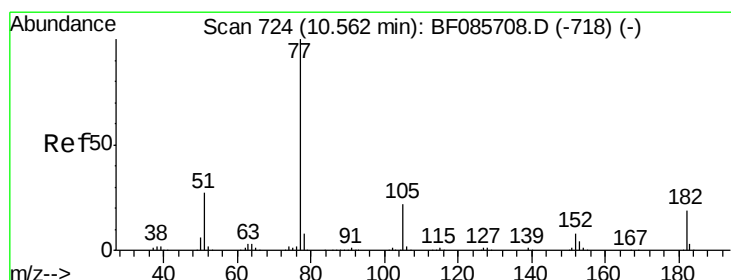
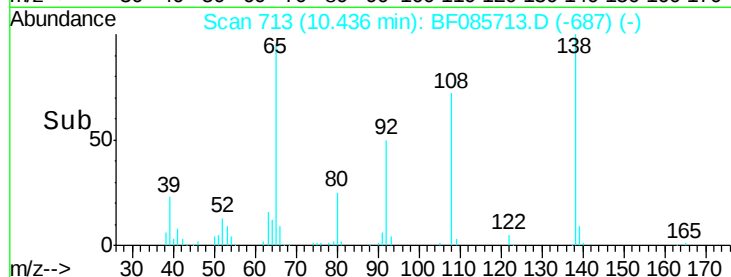
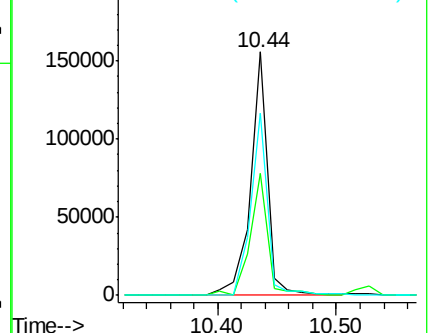
108 74.9 49.0 89.0



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: 41.57 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Tgt Ion: 77 Resp: 610032

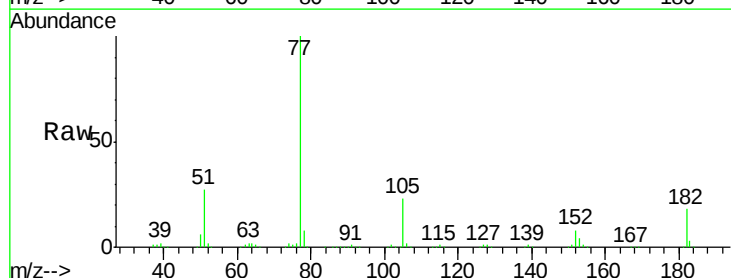
Ion Ratio Lower Upper

77 100

182 18.3 1.9 41.9

105 22.8 3.5 43.5

51 27.2 6.3 46.3

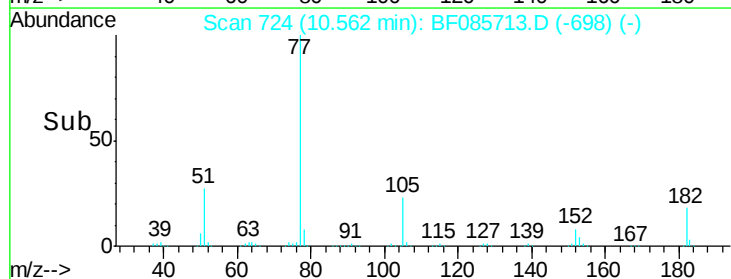
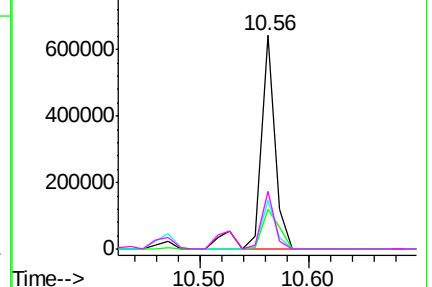


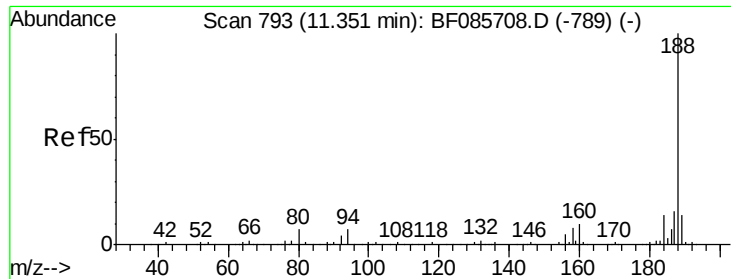
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

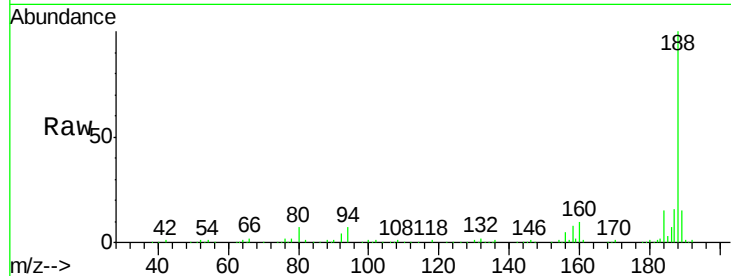




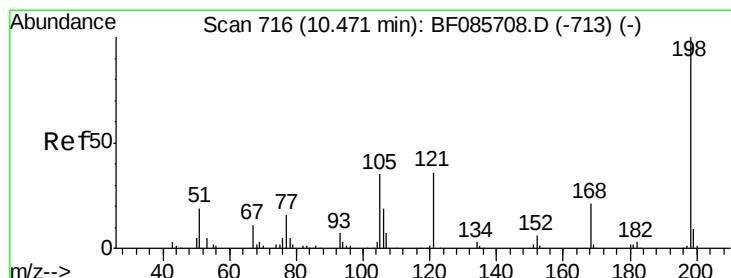
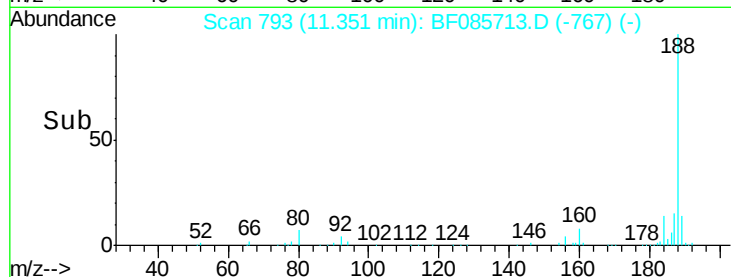
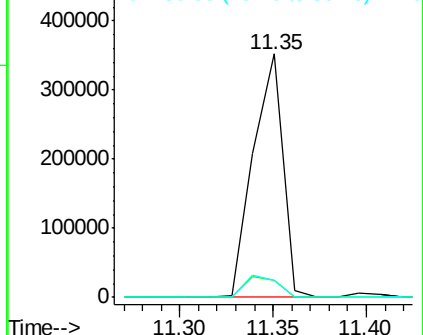
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032416

Tgt Ion:188 Resp: 393261
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 7.2 5.5 8.3

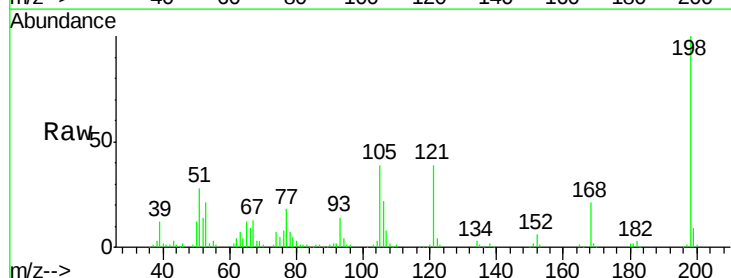


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

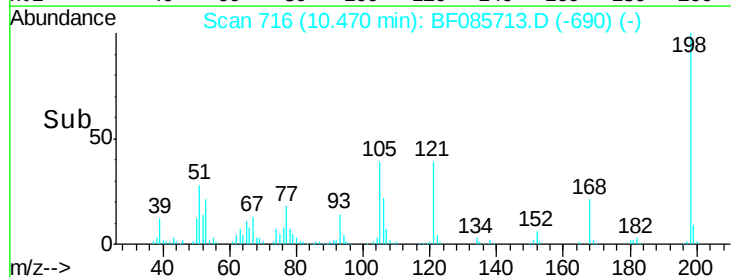
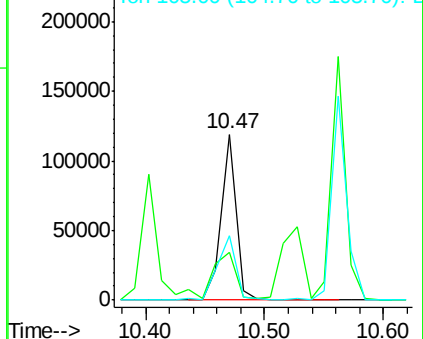


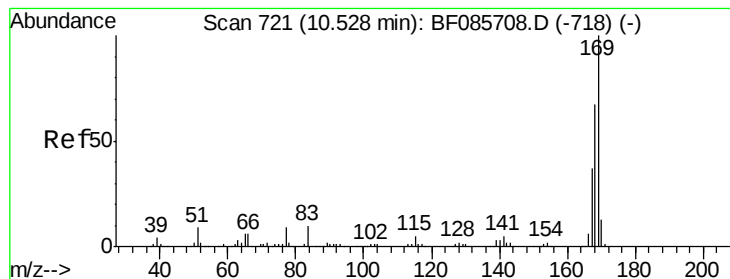
#64
4,6-Dinitro-2-methylphenol
Concen: 44.87 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:198 Resp: 103338
Ion Ratio Lower Upper
198 100
51 28.4 45.4 85.4#
105 39.1 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: 41.42 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

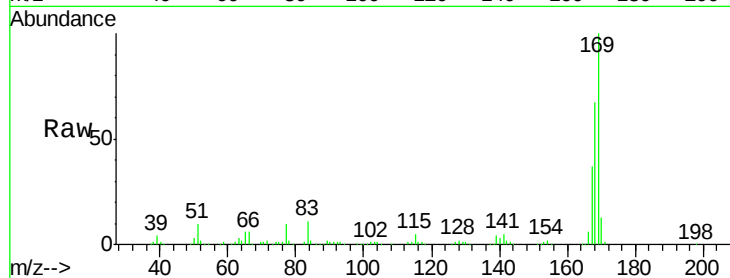
Tgt Ion:169 Resp: 515890

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

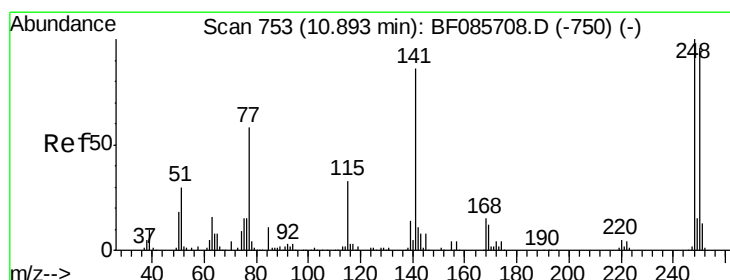
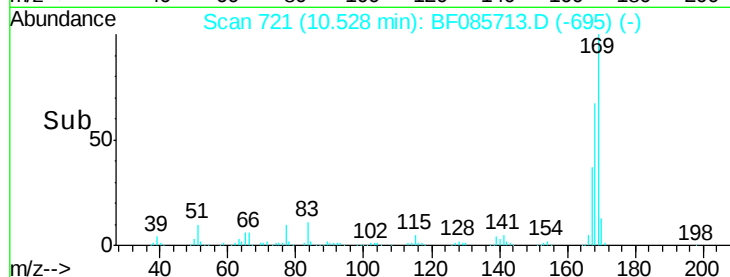
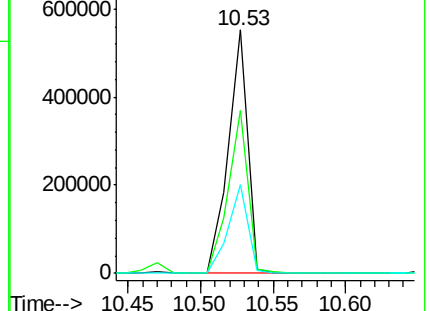
167 36.6 29.4 44.0



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: 40.68 ng

RT: 10.89 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

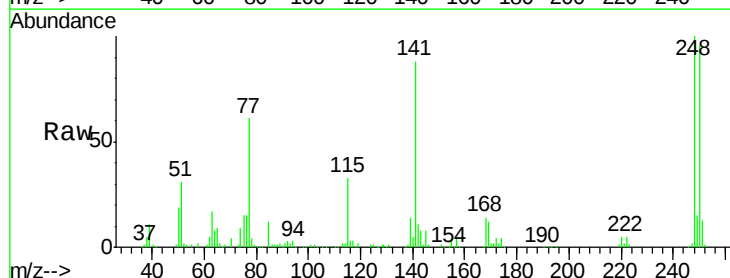
Tgt Ion:248 Resp: 163687

Ion Ratio Lower Upper

248 100

250 95.7 77.4 116.0

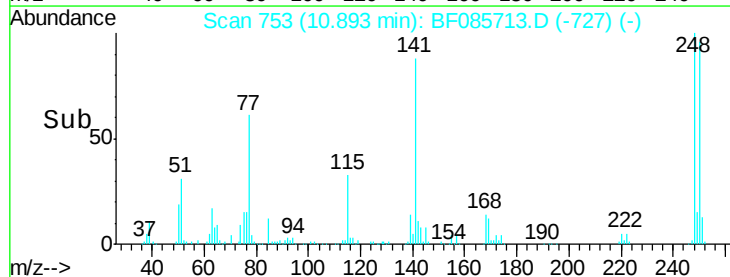
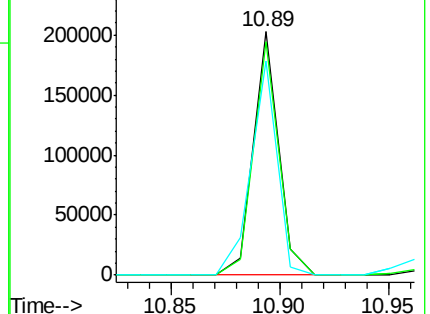
141 87.8 63.6 95.4

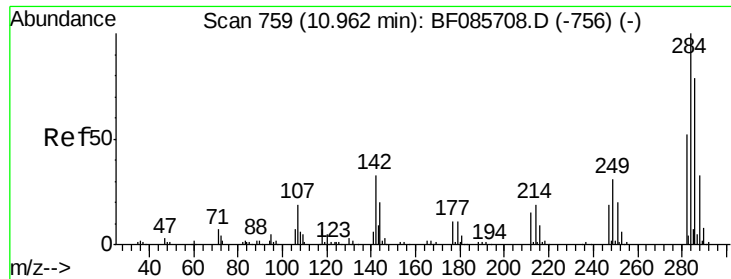


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

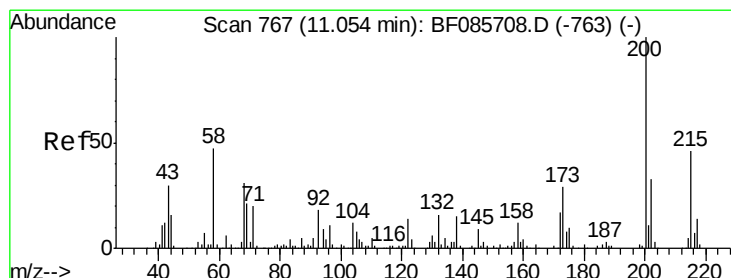
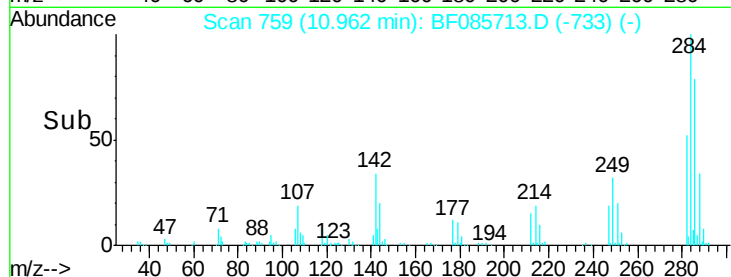
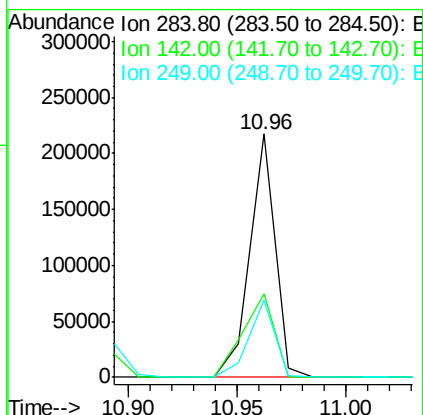
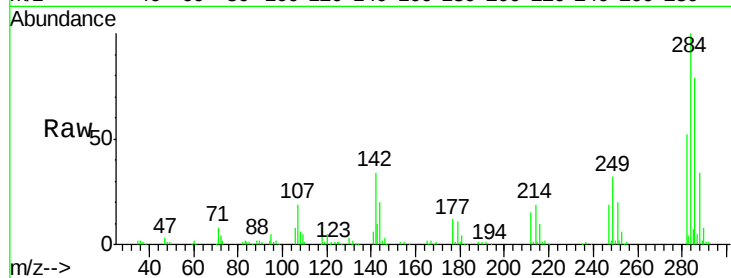




#67
Hexachlorobenzene
Concen: 41.85 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

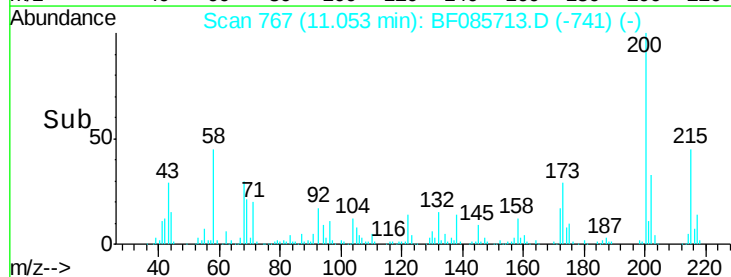
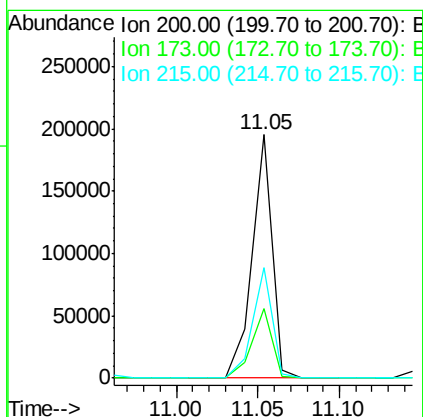
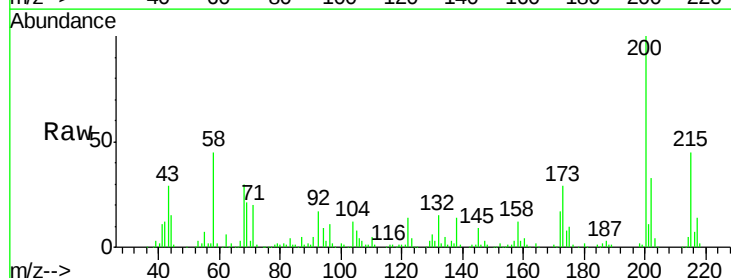
Instrument :
BNA_F
ClientSampleId :
ICVBF032416

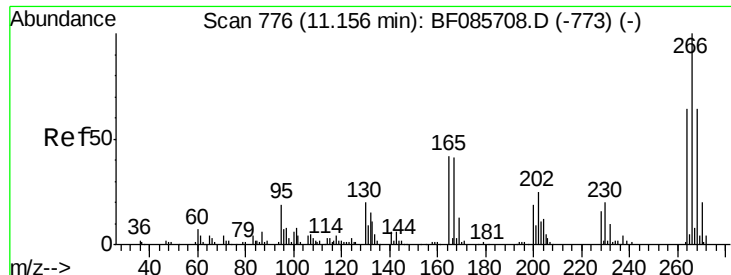
Tgt Ion:284 Resp: 176107
Ion Ratio Lower Upper
284 100
142 34.2 23.1 34.7
249 31.7 24.2 36.2



#68
Atrazine
Concen: 39.50 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:200 Resp: 166125
Ion Ratio Lower Upper
200 100
173 28.5 7.7 47.7
215 45.4 25.4 65.4

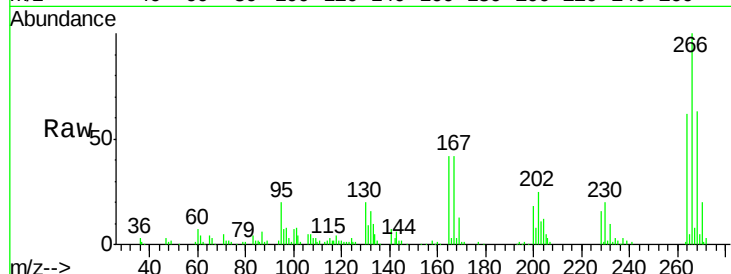




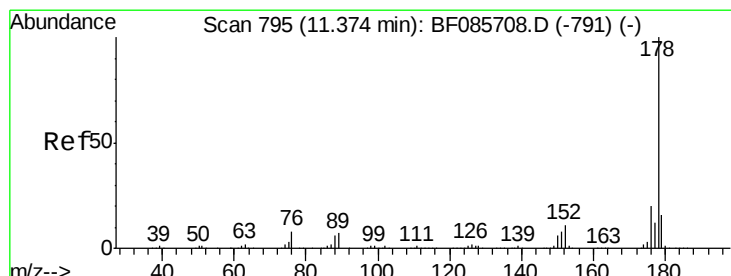
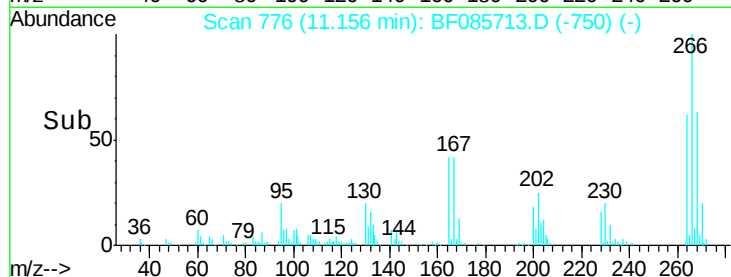
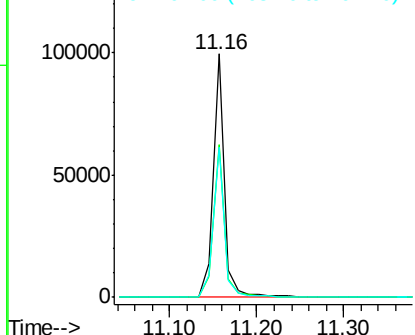
#69
 Pentachlorophenol
 Concen: 44.10 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion:266 Resp: 91091
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.5 77.3
 264 61.7 50.6 76.0

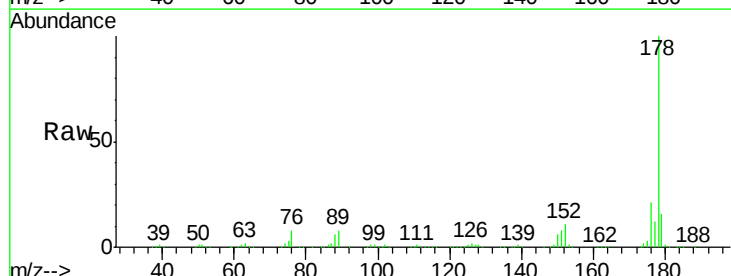


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

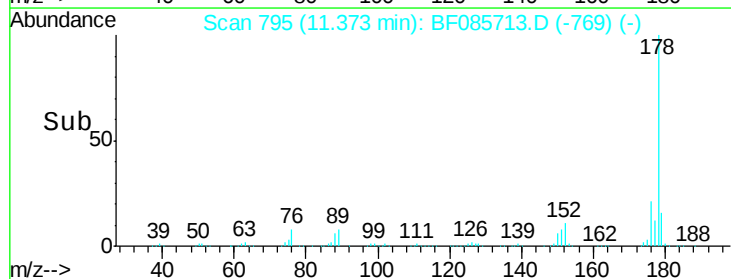
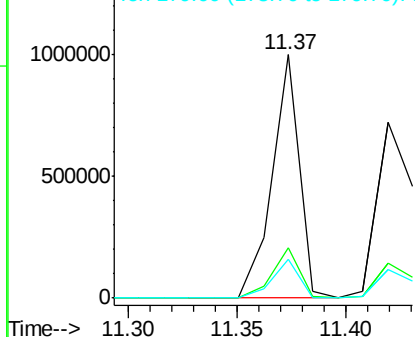


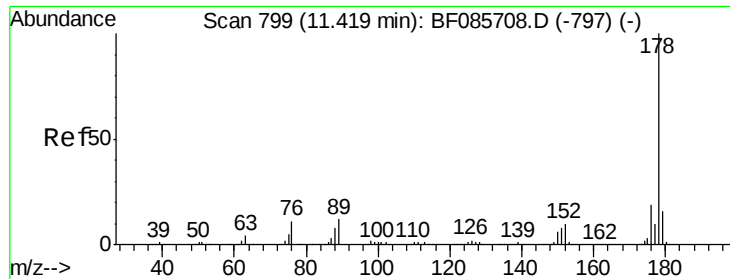
#70
 Phenanthrene
 Concen: 43.42 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:178 Resp: 876823
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 15.7 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

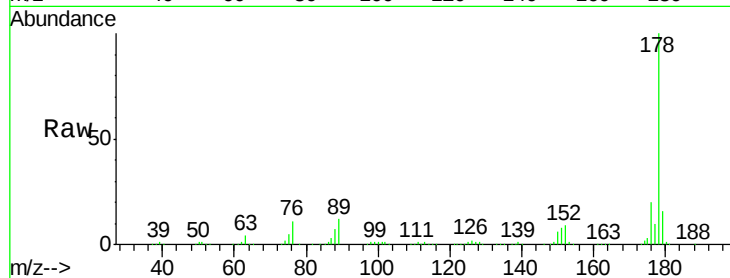




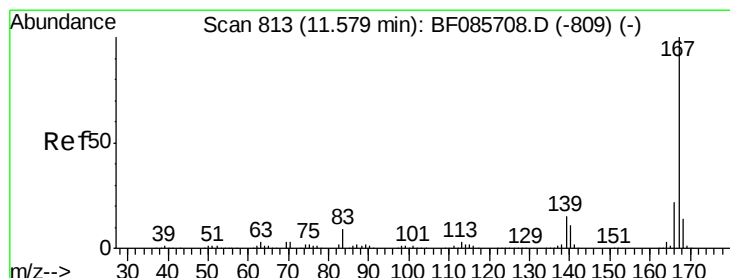
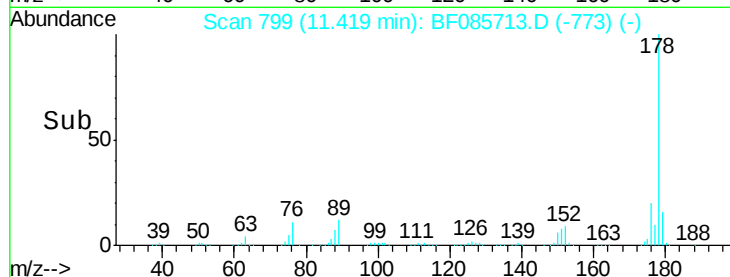
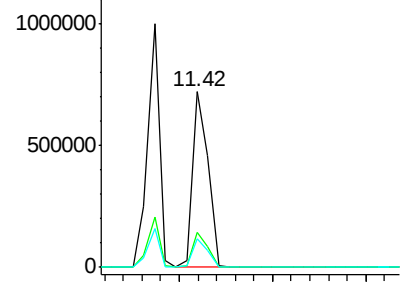
#71
 Anthracene
 Concen: 39.61 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion:178 Resp: 839707
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.1 13.0 19.4

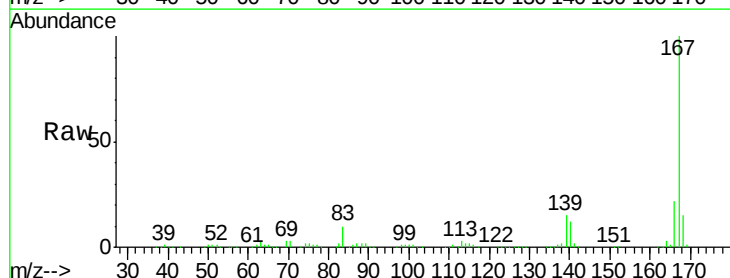


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

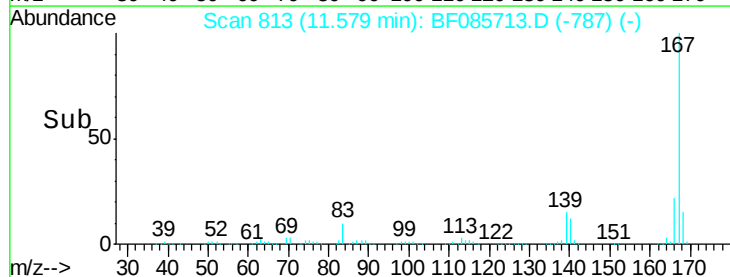
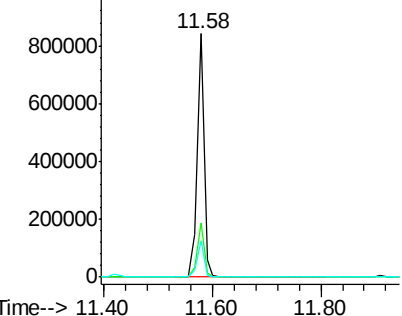


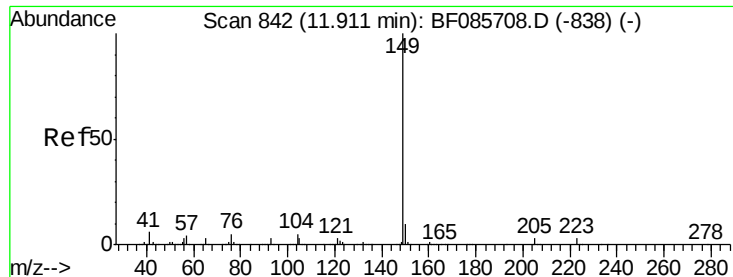
#72
 Carbazole
 Concen: 41.36 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:167 Resp: 736118
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 14.7 11.6 17.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.18 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

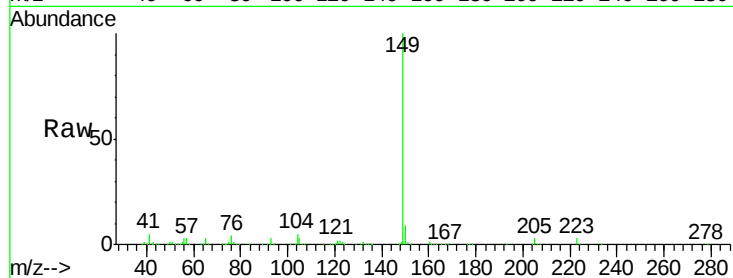
Tgt Ion:149 Resp: 981265

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

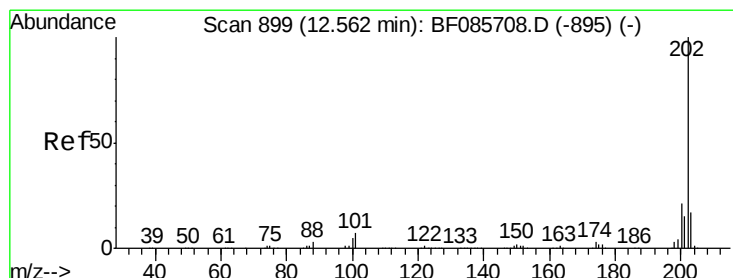
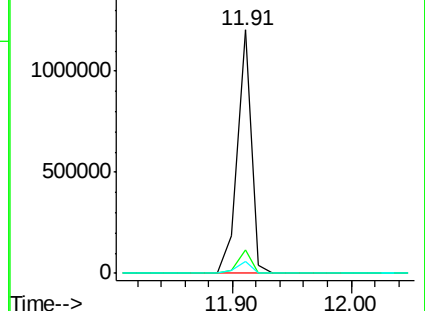
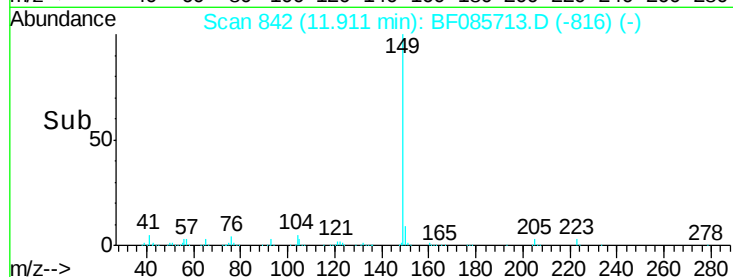
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.32 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

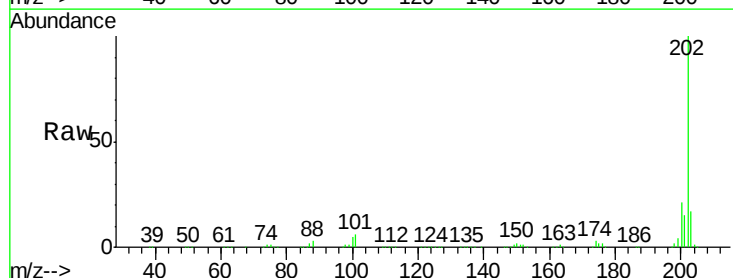
Tgt Ion:202 Resp: 843949

Ion Ratio Lower Upper

202 100

101 6.3 0.0 36.6

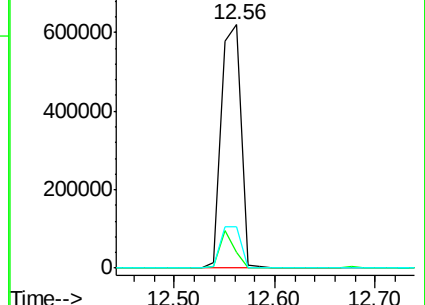
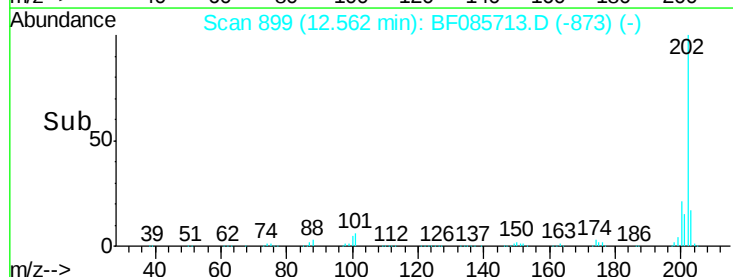
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

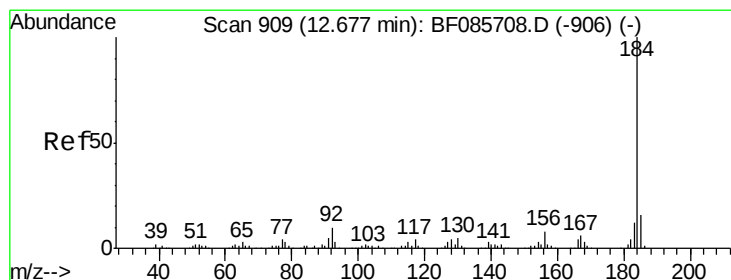
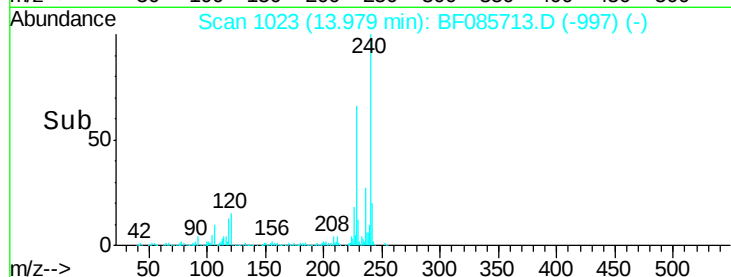
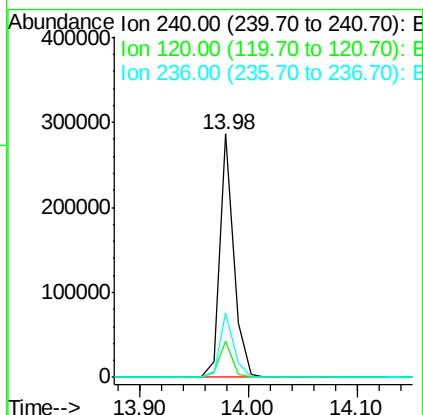
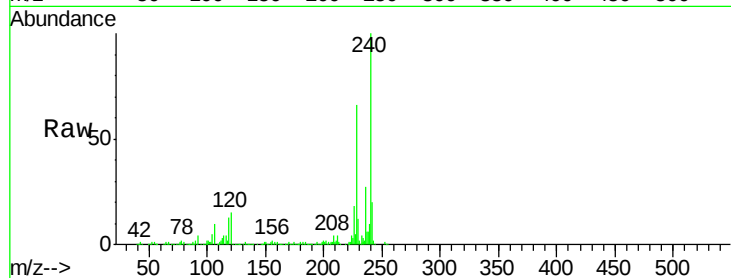




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

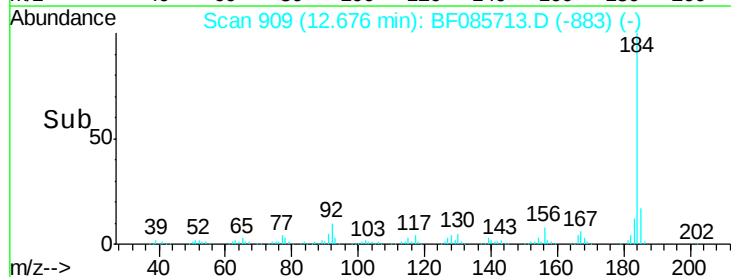
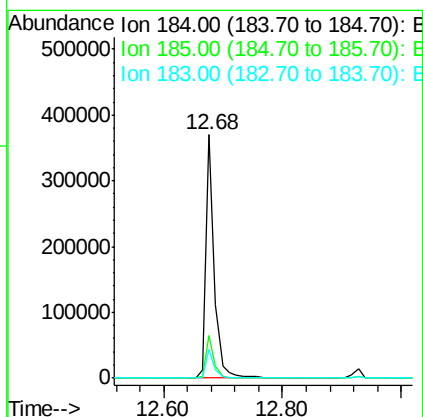
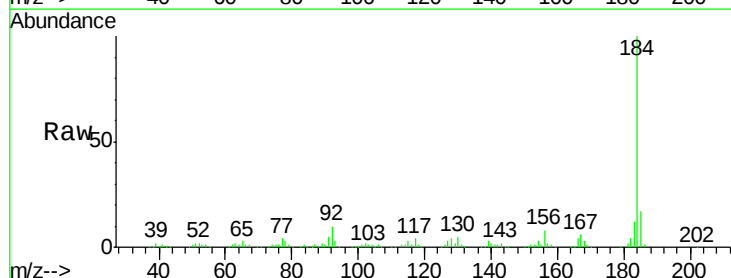
Instrument :
BNA_F
ClientSampleId :
ICVBF032416

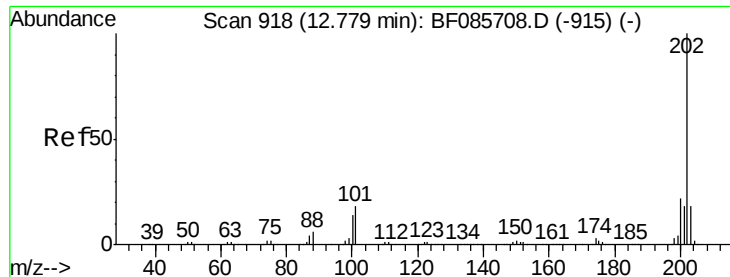
Tgt Ion:240 Resp: 257818
Ion Ratio Lower Upper
240 100
120 14.9 13.8 20.8
236 26.5 20.6 30.8



#76
Benzidine
Concen: 40.86 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:184 Resp: 371007
Ion Ratio Lower Upper
184 100
185 17.3 12.4 18.6
183 11.7 9.4 14.2

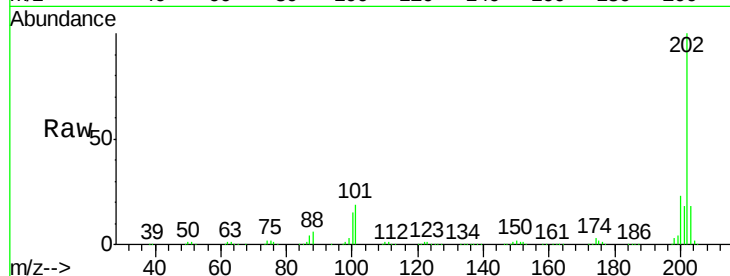




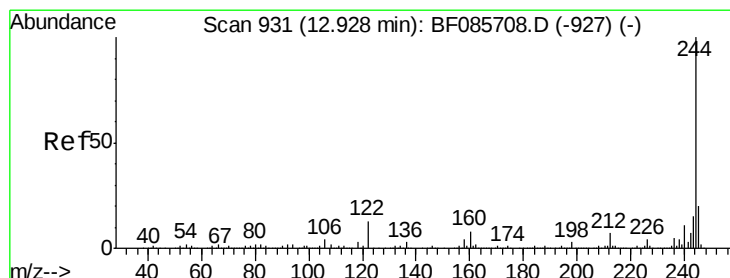
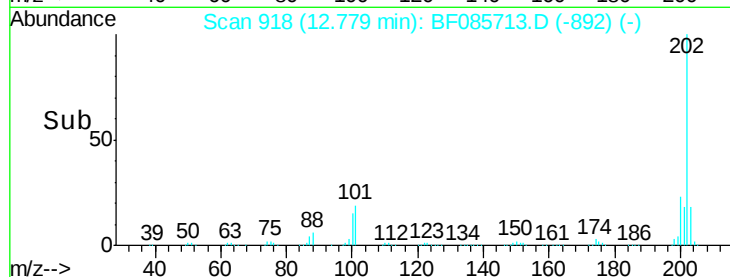
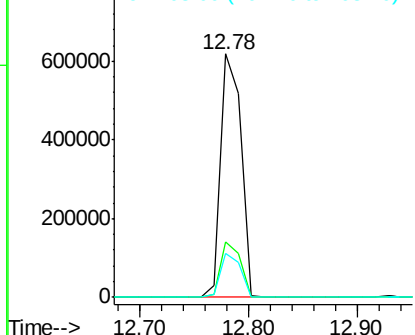
#77
 Pyrene
 Concen: 38.16 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

Tgt Ion: 202 Resp: 808813
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.6 26.4
 203 18.3 14.0 21.0

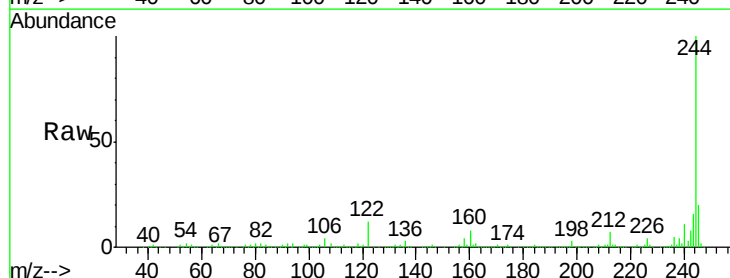


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

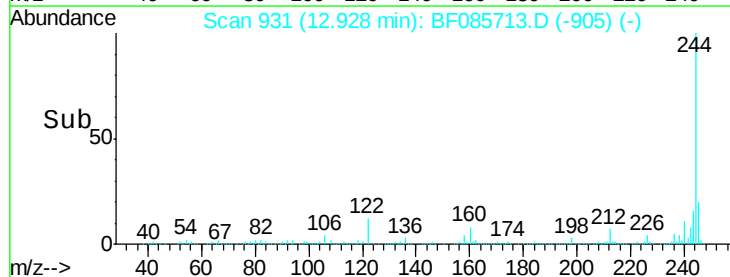
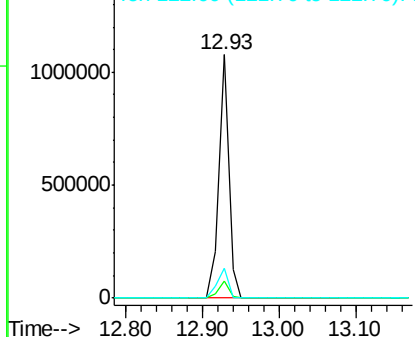


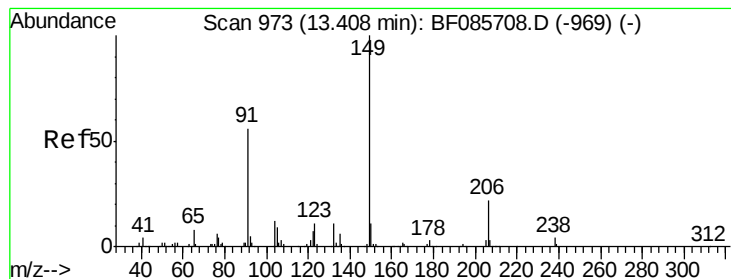
#78
 Terphenyl-d14
 Concen: 38.95 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion: 244 Resp: 976694
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.2 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: 40.80 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

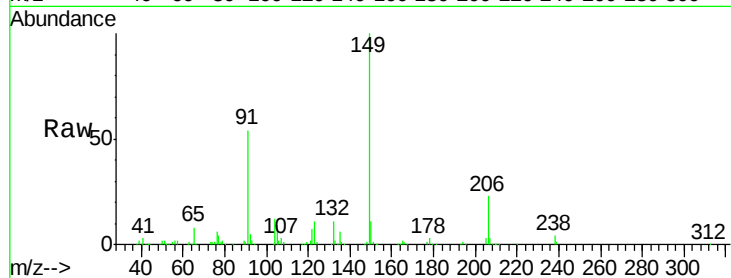
Tgt Ion:149 Resp: 362087

Ion Ratio Lower Upper

149 100

91 53.6 45.8 68.8

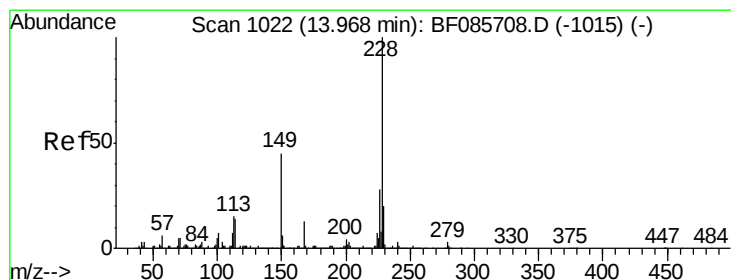
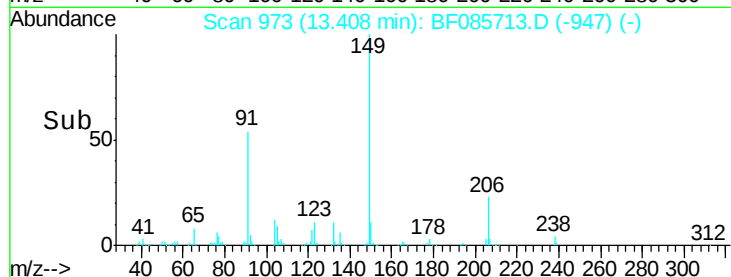
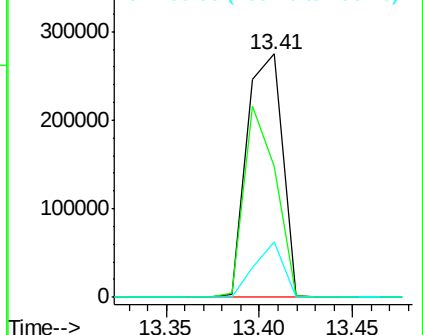
206 22.8 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.46 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

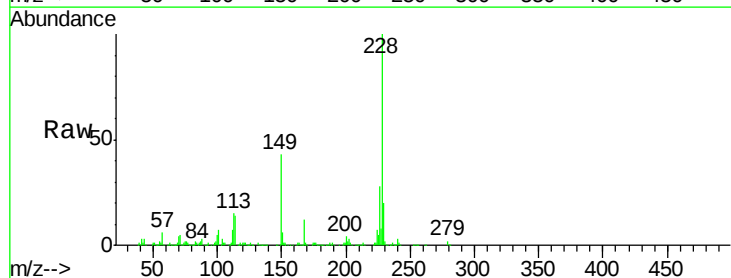
Tgt Ion:228 Resp: 580036

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

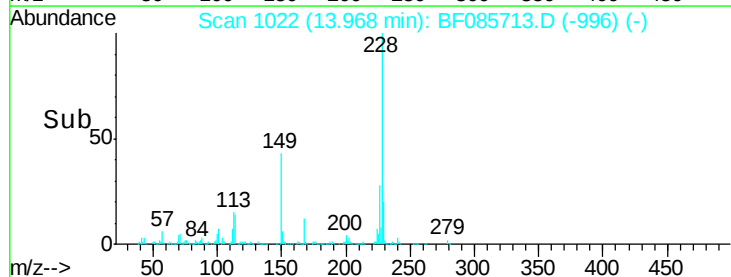
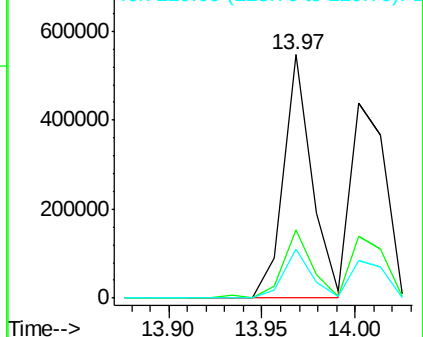
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

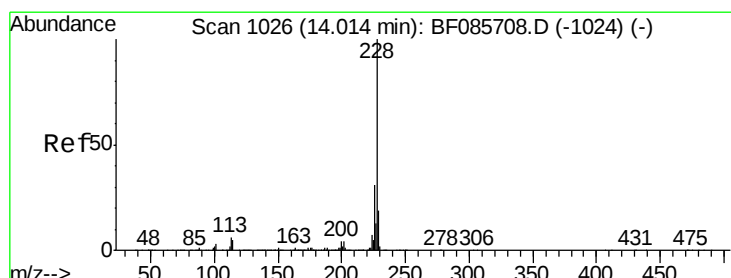
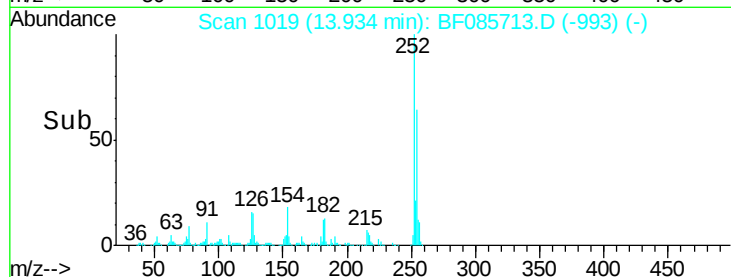
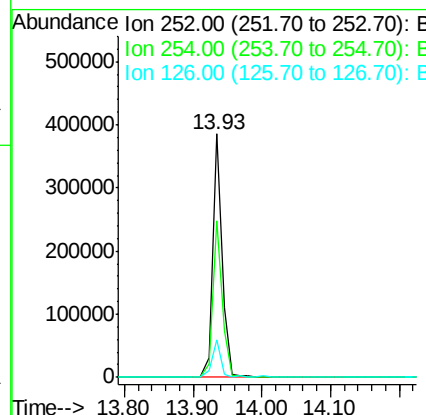
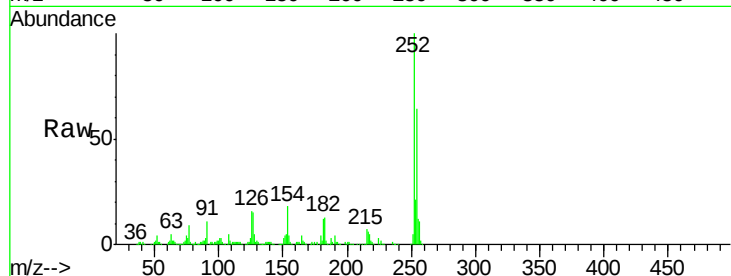




#81
 3,3'-Dichlorobenzidine
 Concen: 36.49 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

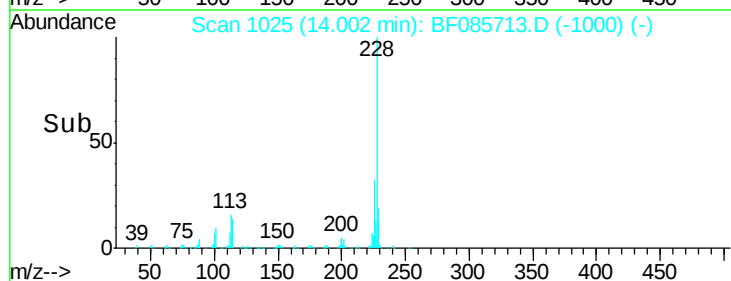
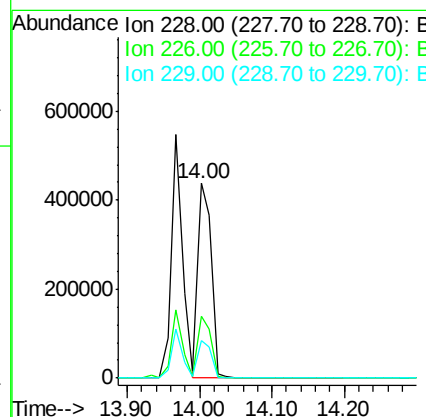
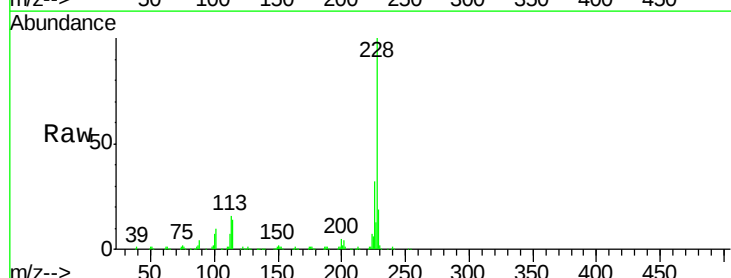
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

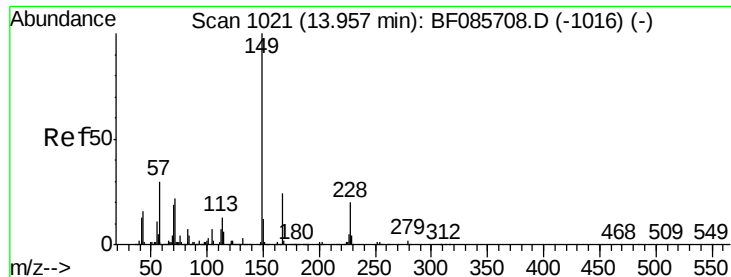
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.7	76.1
126	15.5	11.8	17.6



#82
 Chrysene
 Concen: 38.37 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	19.4	15.7	23.5

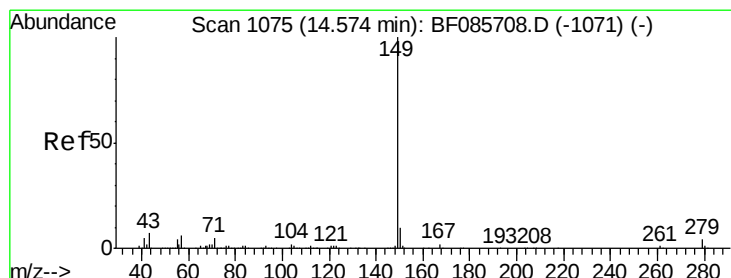
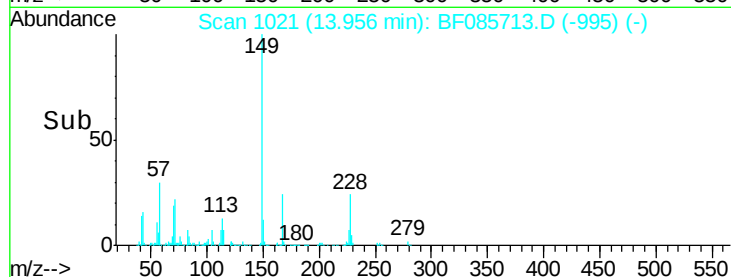
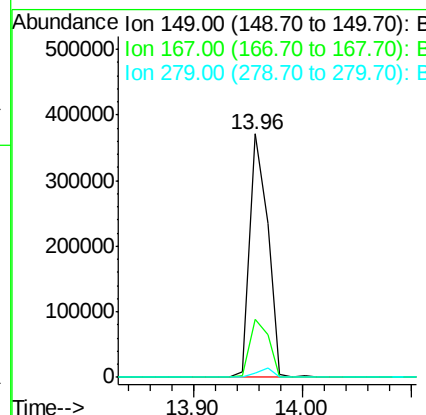
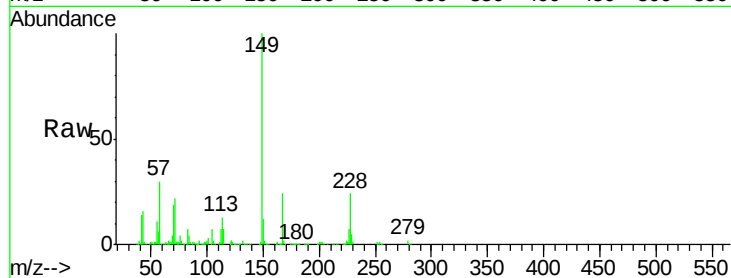




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.39 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

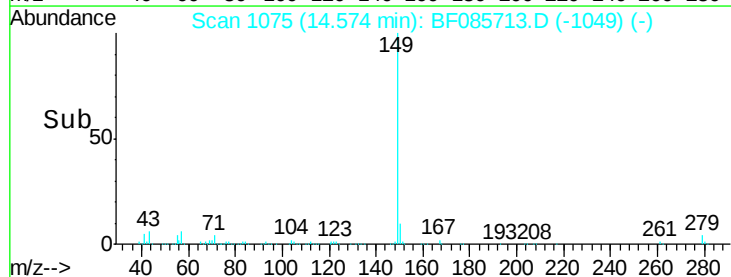
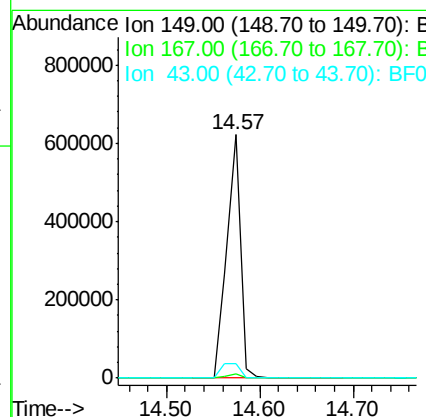
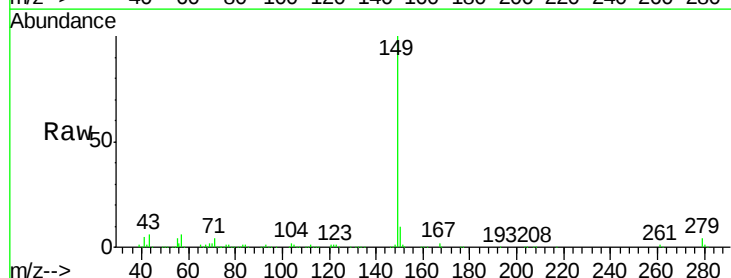
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

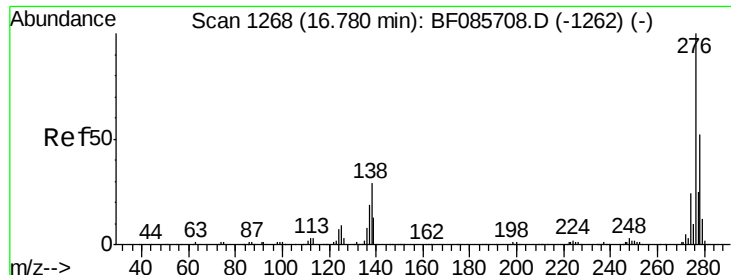
Tgt Ion:149 Resp: 429235
 Ion Ratio Lower Upper
 149 100
 167 24.0 19.4 29.2
 279 1.7 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 40.01 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion:149 Resp: 632271
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 7.1 10.7

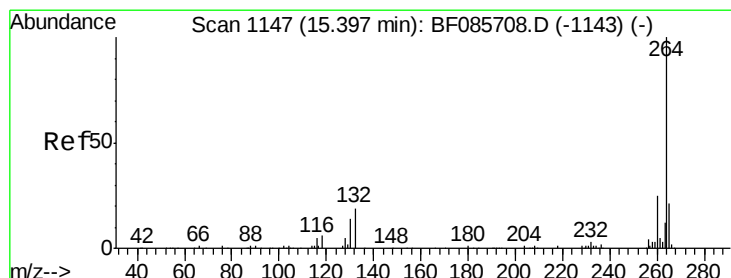
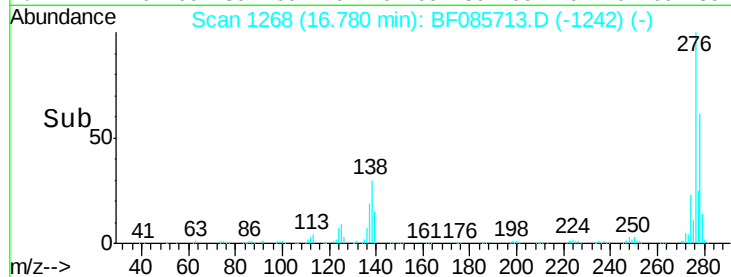
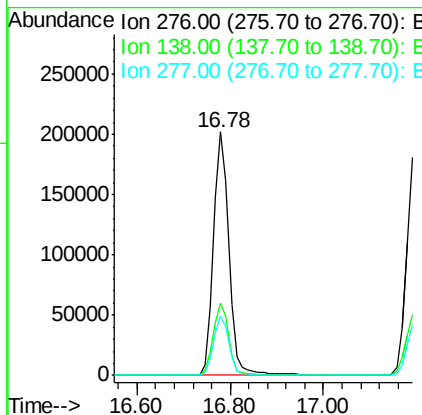
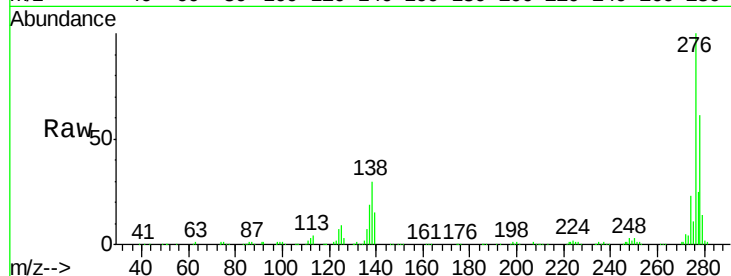




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.82 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

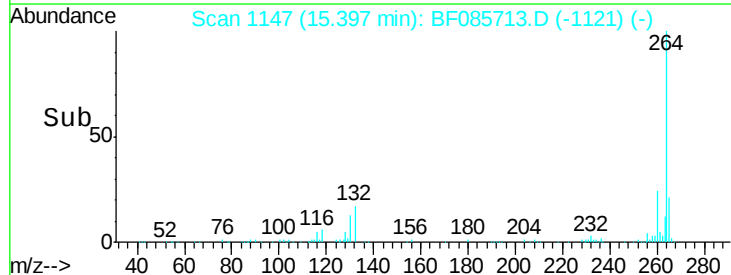
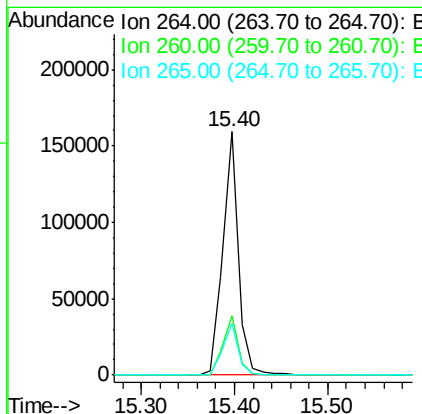
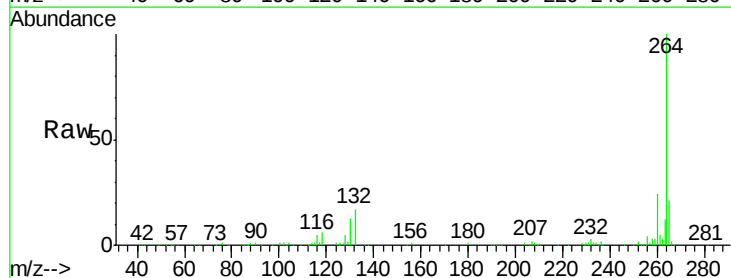
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032416

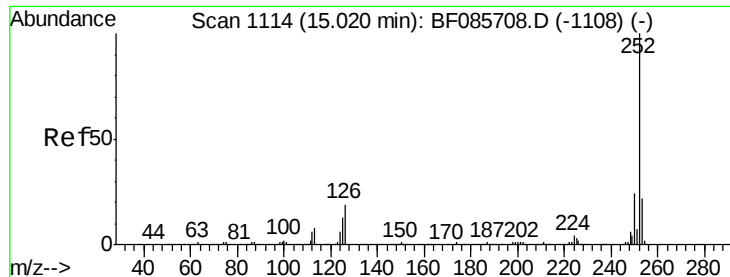
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.2	36.4
277	24.6	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085713.D
 Acq: 24 Mar 2016 13:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.3	17.2	25.8

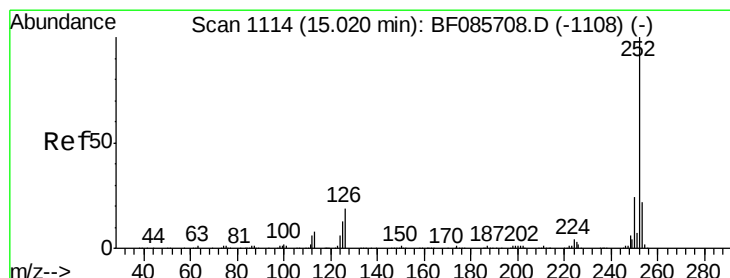
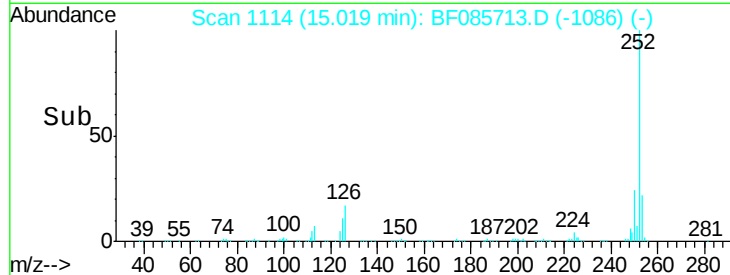
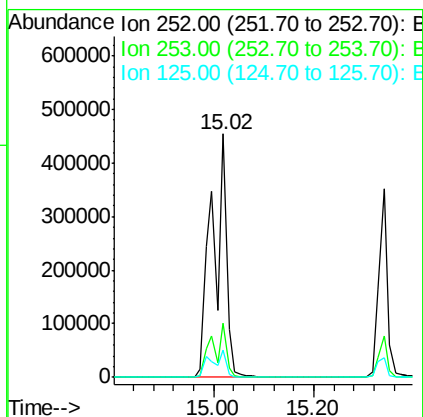
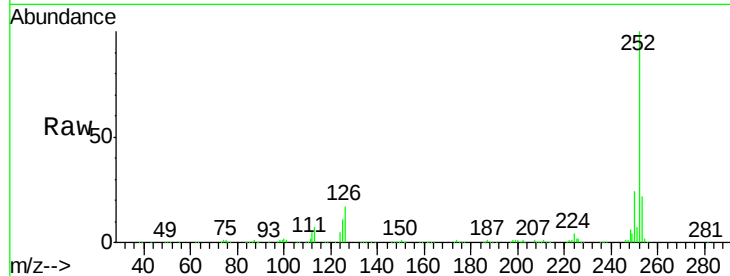




#87
Benzo(b)fluoranthene
Concen: 77.29 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

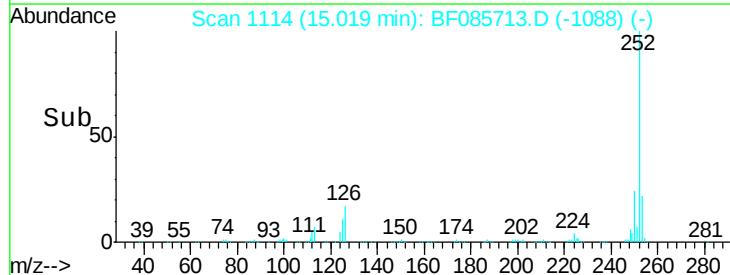
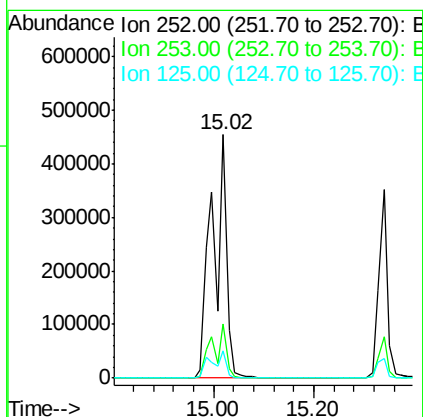
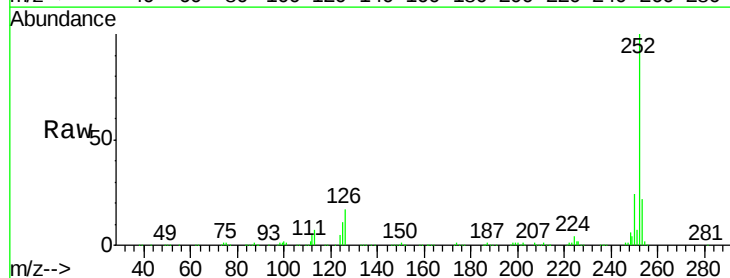
Instrument :
BNA_F
ClientSampleId :
ICVBF032416

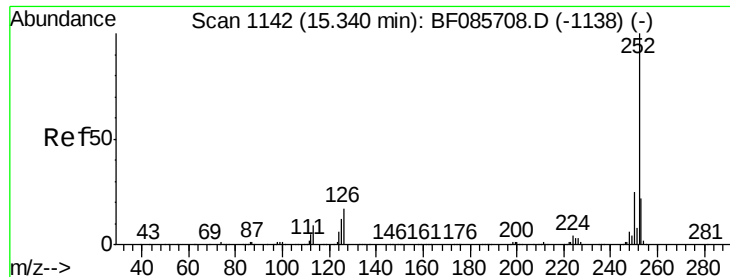
Tgt Ion:252 Resp: 898594
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.2 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 85.73 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085713.D
Acq: 24 Mar 2016 13:39

Tgt Ion:252 Resp: 898594
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.2 7.7 11.5





#89

Benzo(a)pyrene

Concen: 40.79 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

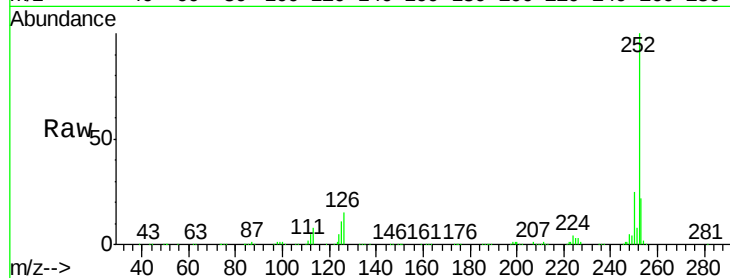
Tgt Ion:252 Resp: 421118

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

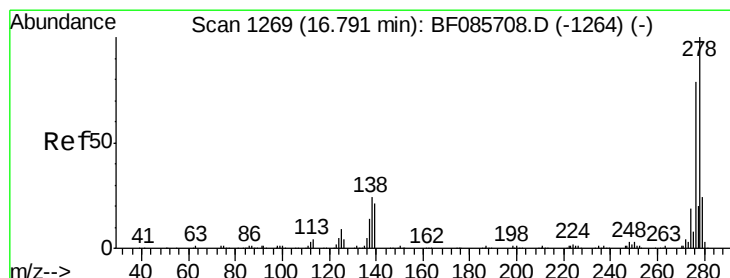
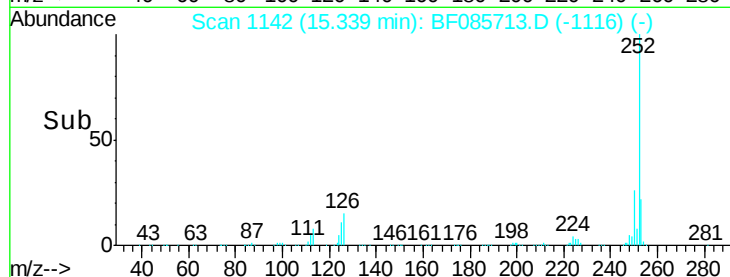
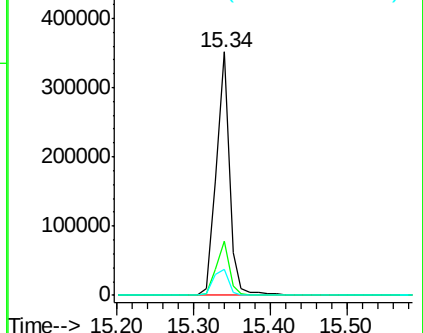
125 10.6 10.3 15.5



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: 41.15 ng

RT: 16.79 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

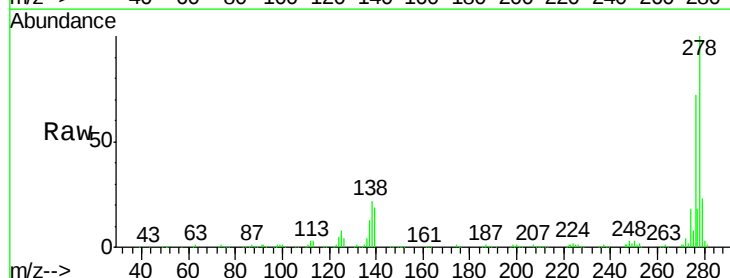
Tgt Ion:278 Resp: 394664

Ion Ratio Lower Upper

278 100

139 19.0 14.4 21.6

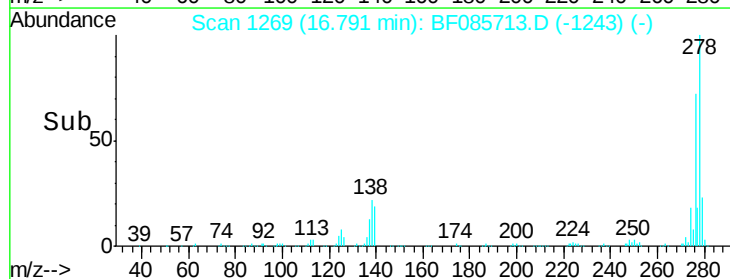
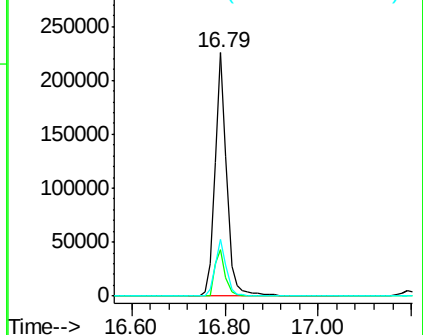
279 23.4 19.1 28.7

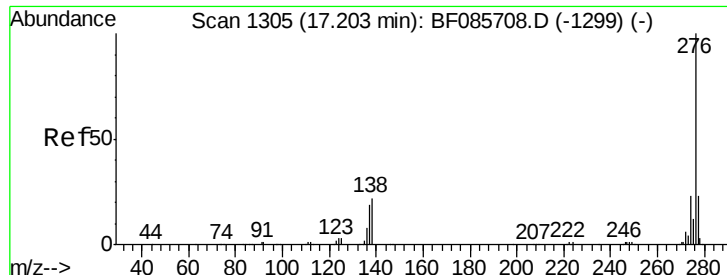


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.00 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085713.D

Acq: 24 Mar 2016 13:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032416

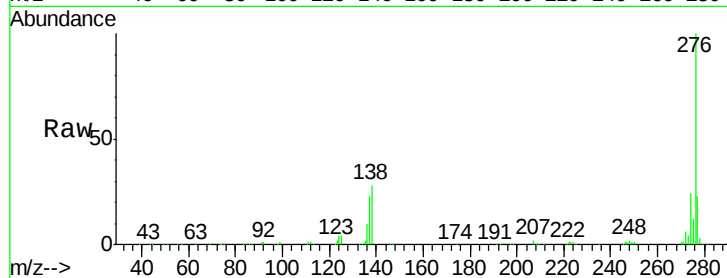
Tgt Ion: 276 Resp: 398233

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 27.6 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

