

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
 Data File : BF085758.D
 Acq On : 25 Mar 2016 12:46
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 14:11:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104604	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	405099	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	156146	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	245926	20.00	ng	0.00
75) Chrysene-d12	13.98	240	207040	20.00	ng	0.00
86) Perylene-d12	15.40	264	191077	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	534731	85.14	ng	0.01
7) Phenol-d6	6.47	99	661335	82.81	ng	0.01
23) Nitrobenzene-d5	7.40	82	568809	79.07	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	100583	67.80	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	859059	91.92	ng	0.00
78) Terphenyl-d14	12.93	244	658873	65.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	132627	44.22	ng	98
3) Pyridine	3.10	79	328584	45.70	ng	98
4) n-Nitrosodimethylamine	3.05	42	121702	42.28	ng	100
6) Aniline	6.49	93	429146	39.92	ng	95
8) 2-Chlorophenol	6.61	128	295019	40.43	ng	92
9) Benzaldehyde	6.37	77	195756	40.68	ng	92
10) Phenol	6.48	94	389854	43.09	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	270486	38.85	ng	95
12) 1,3-Dichlorobenzene	6.85	146	330207	42.02	ng	98
13) 1,4-Dichlorobenzene	6.85	146	330207	41.43	ng	94
14) 1,2-Dichlorobenzene	7.00	146	298097	40.14	ng	96
15) Benzyl Alcohol	6.97	79	224088	42.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	381277	41.27	ng	97
17) 2-Methylphenol	7.09	107	227867	39.00	ng	99
18) Hexachloroethane	7.34	117	110390	37.83	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	194581	40.69	ng	95
20) 3+4-Methylphenols	7.25	107	278053	39.58	ng	# 86
22) Acetophenone	7.24	105	392383	41.58	ng	99
24) Nitrobenzene	7.42	77	309926	41.79	ng	# 84
25) Isophorone	7.66	82	537766	38.81	ng	# 91
26) 2-Nitrophenol	7.73	139	123249	33.22	ng	# 83
27) 2,4-Dimethylphenol	7.77	122	274560	42.34	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	320326	40.57	ng	99
29) 2,4-Dichlorophenol	7.98	162	204390	37.49	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	245606	40.58	ng	95
31) Naphthalene	8.14	128	809329	39.65	ng	99
32) Benzoic acid	7.89	122	133982	31.11	ng	99
33) 4-Chloroaniline	8.18	127	306086	36.73	ng	# 93
34) Hexachlorobutadiene	8.25	225	131433	39.96	ng	99
35) Caprolactam	8.56	113	70027	36.27	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	220680	34.66	ng	# 86
37) 2-Methylnaphthalene	8.82	142	464114	37.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	212061	45.80	ng	99
40) Hexachlorocyclopentadiene	8.97	237	10963	14.22	ng	95

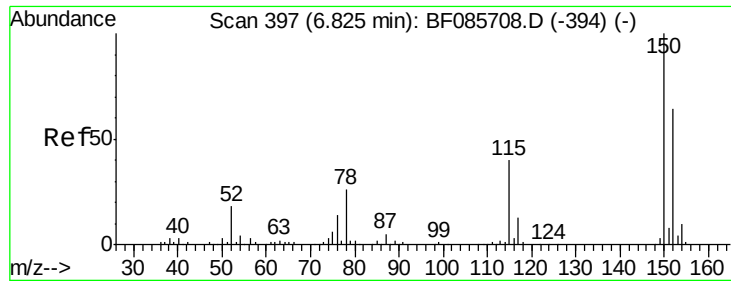
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
 Data File : BF085758.D
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 Operator : UM/SJ
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	132313	42.31	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	121126	36.93	nq	# 77
45) 1,1'-Biphenyl	9.29	154	613041	46.53	nq	96
46) 2-Chloronaphthalene	9.32	162	438813	45.29	nq	96
47) 2-Nitroaniline	9.41	65	119335	40.28	nq	# 82
48) Acenaphthylene	9.73	152	676365	42.84	nq	99
49) Dimethylphthalate	9.59	163	497823	42.02	nq	100
50) 2,6-Dinitrotoluene	9.66	165	100750	39.51	nq	# 62
51) Acenaphthene	9.90	154	381449	39.56	nq	100
52) 3-Nitroaniline	9.82	138	112191	38.44	nq	90
53) 2,4-Dinitrophenol	9.94	184	5436	9.94	nq	# 88
54) Dibenzofuran	10.07	168	505704	40.52	nq	98
55) 4-Nitrophenol	9.99	139	67269	35.38	nq	96
56) 2,4-Dinitrotoluene	10.06	165	124665	38.46	nq	# 73
57) Fluorene	10.41	166	421578	40.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	79567	34.91	nq	98
59) Diethylphthalate	10.29	149	495264	42.31	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	188277	37.12	nq	93
61) 4-Nitroaniline	10.44	138	118884	42.58	nq	99
62) Azobenzene	10.56	77	439195	39.05	nq	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	12435	8.63	nq	# 69
65) n-Nitrosodiphenylamine	10.53	169	368445	47.30	nq	97
66) 4-Bromophenyl-phenylether	10.89	248	110589	43.95	nq	94
67) Hexachlorobenzene	10.96	284	113062	42.97	nq	# 88
68) Atrazine	11.05	200	117836	44.81	nq	98
69) Pentachlorophenol	11.16	266	57138	44.23	nq	99
70) Phenanthrene	11.37	178	571899	45.29	nq	99
71) Anthracene	11.42	178	552698	41.69	nq	98
72) Carbazole	11.58	167	482594	43.36	nq	99
73) Di-n-butylphthalate	11.91	149	681325	44.61	nq	100
74) Fluoranthene	12.56	202	544896	40.60	nq	88
76) Benzidine	12.69	184	344910	47.30	nq	99
77) Pyrene	12.79	202	568430	33.40	nq	99
79) Butylbenzylphthalate	13.41	149	279139	39.17	nq	99
80) Benzo(a)anthracene	13.97	228	488881	41.41	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	367897	44.90	nq	# 98
82) Chrysene	14.01	228	500116	42.06	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	377247	44.21	nq	98
84) Di-n-octyl phthalate	14.57	149	691379	54.49	nq	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	404327	44.03	nq	99
87) Benzo(b)fluoranthene	15.00	252	930148	77.27	nq	98
88) Benzo(k)fluoranthene	15.00	252	930776	85.77	nq	# 98
89) Benzo(a)pyrene	15.34	252	430668	40.29	nq	98
90) Dibenzo(a,h)anthracene	16.80	278	346790	34.92	nq	98
91) Benzo(g,h,i)perylene	17.20	276	317048	31.53	nq	97

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

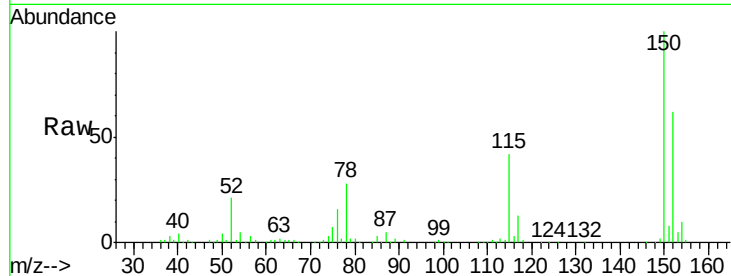


#1

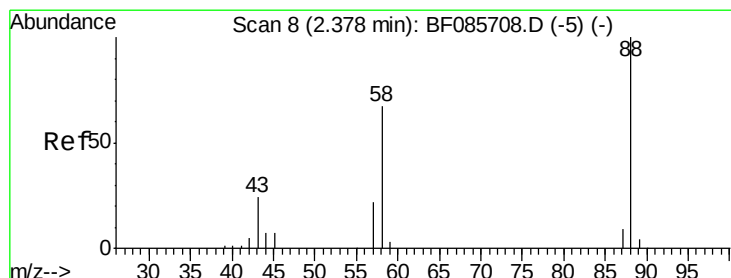
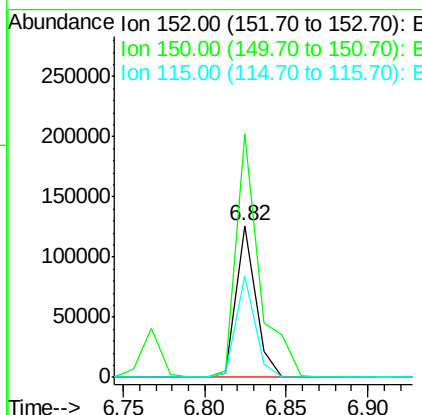
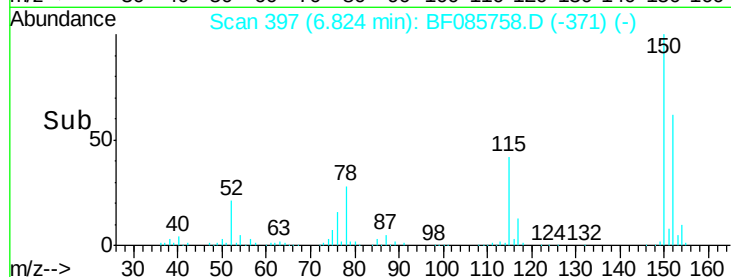
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104604
Ion Ratio Lower Upper
152 100
150 160.4 124.2 186.2
115 66.8 47.0 70.6



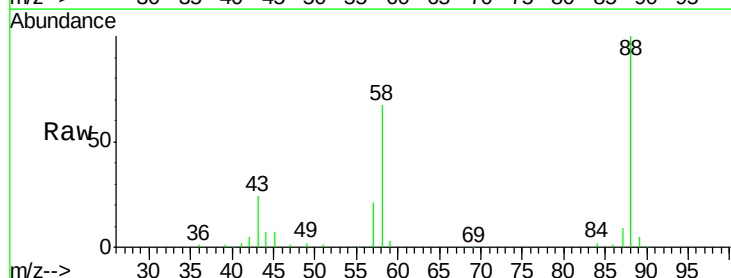
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



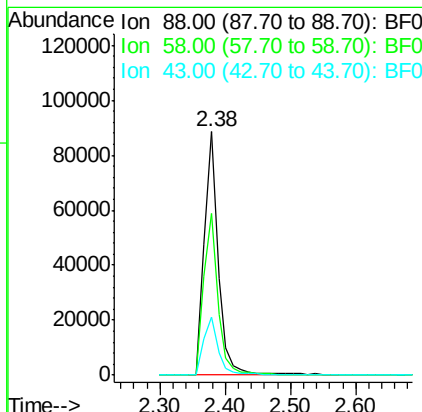
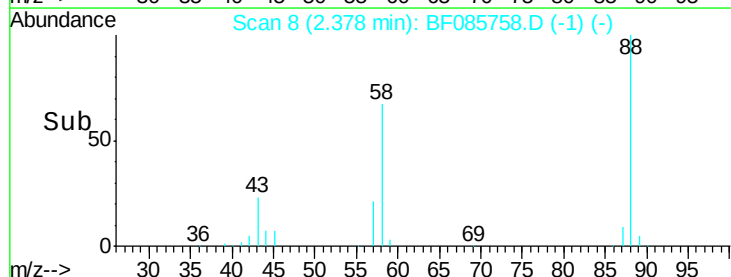
#2

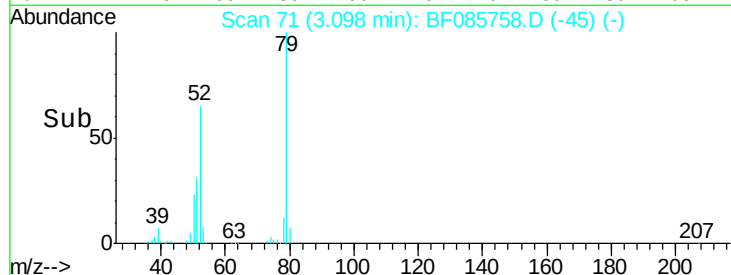
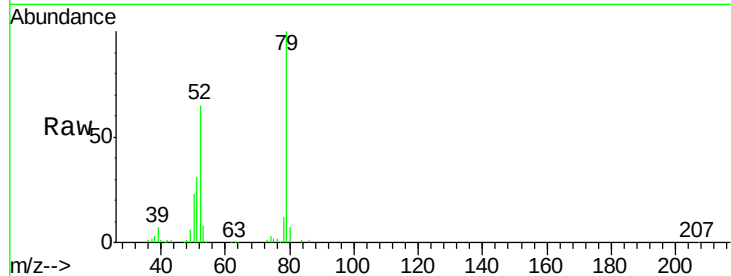
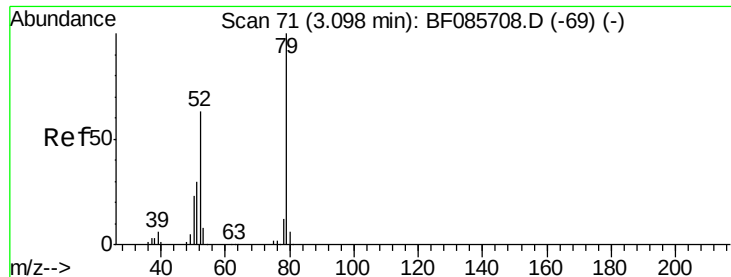
1,4-Dioxane
Concen: 44.22 ng
RT: 2.38 min Scan# 8
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion: 88 Resp: 132627
Ion Ratio Lower Upper
88 100
58 66.7 54.2 81.2
43 25.5 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.70 ng

RT: 3.10 min Scan# 71

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

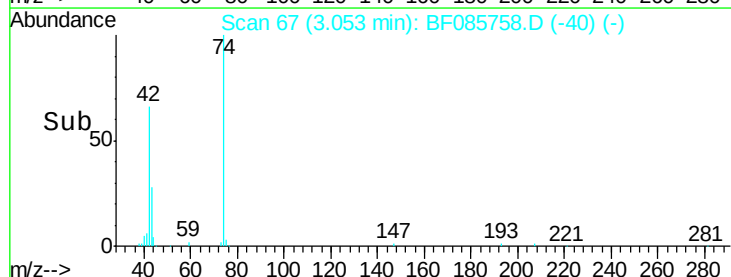
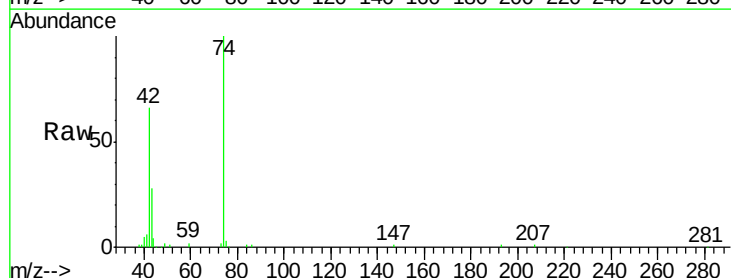
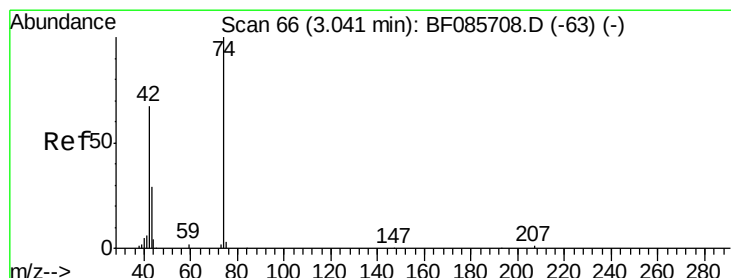
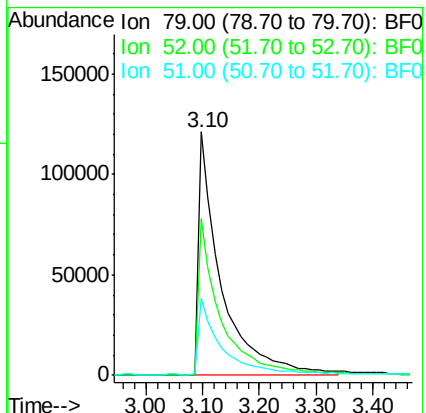
Tot Ion: 79 Resp: 328584

Ion Ratio Lower Upper

79 100

52 64.5 49.8 74.6

51 31.5 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 42.28 ng

RT: 3.05 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

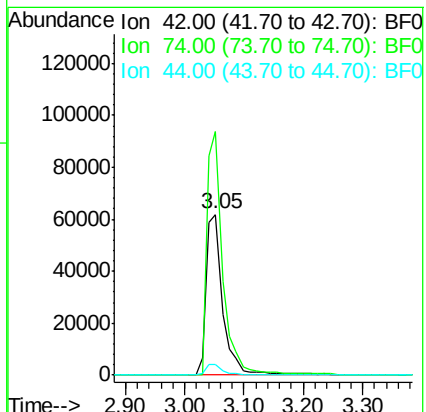
Tgt Ion: 42 Resp: 121702

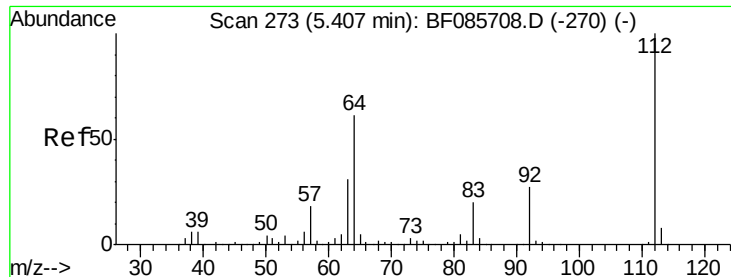
Ion Ratio Lower Upper

42 100

74 151.5 121.4 182.2

44 6.6 5.6 8.4





#5

2-Fluorophenol

Concen: 85.14 ng

RT: 5.42 min Scan# 274

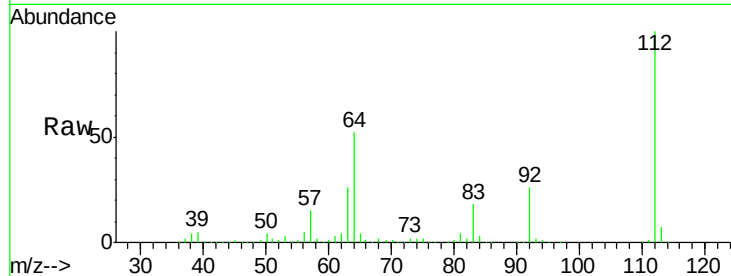
Delta R.T. 0.01 min

Lab File: BF085758.D

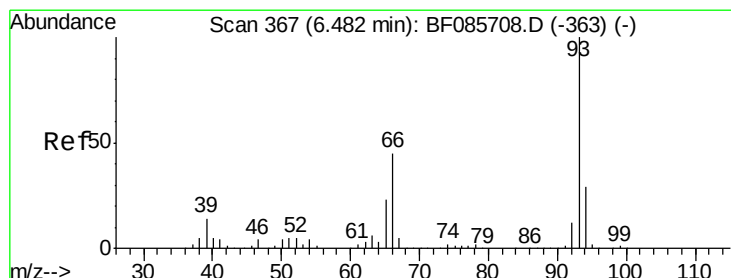
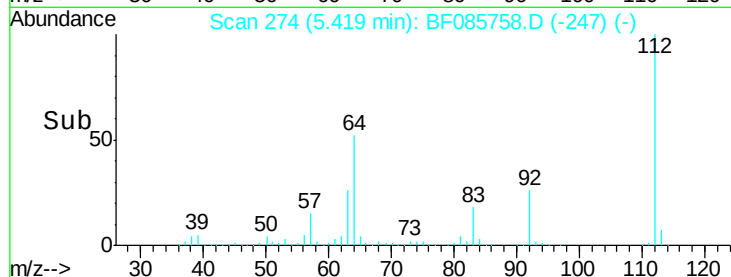
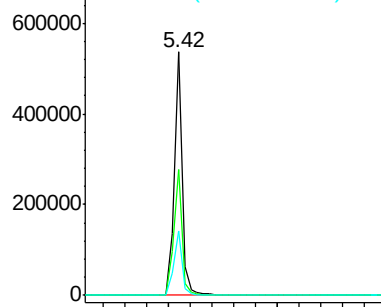
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	534731
Ion	Ratio	Lower	Upper
112	100		
64	51.7	39.9	59.9
63	26.3	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 39.92 ng

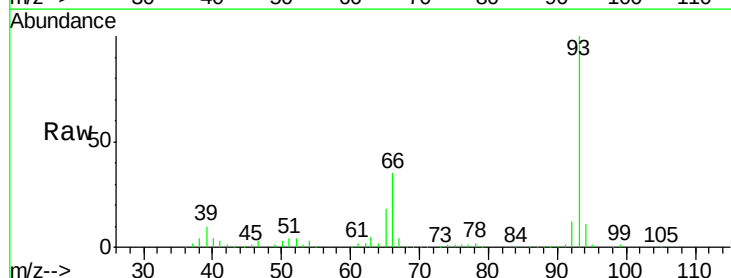
RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

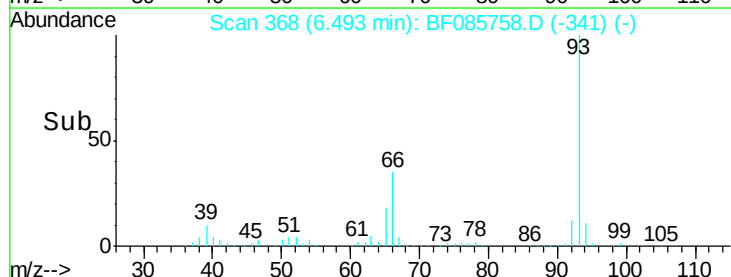
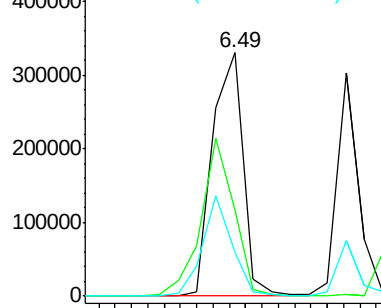
Lab File: BF085758.D

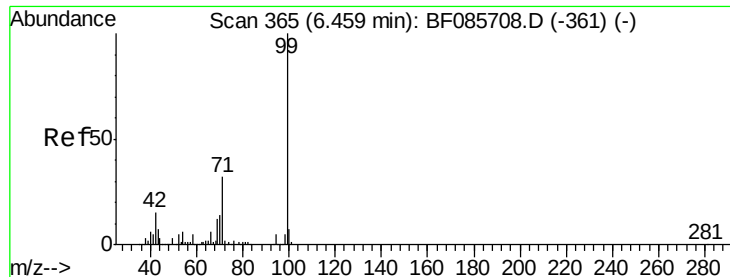
Acq: 25 Mar 2016 12:46

Tgt Ion:	93	Resp:	429146
Ion	Ratio	Lower	Upper
93	100		
66	35.5	31.4	47.2
65	18.0	15.7	23.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 82.81 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

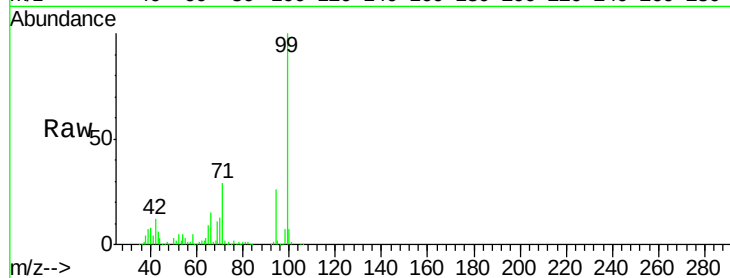
Tot Ion: 99 Resp: 661335

Ion Ratio Lower Upper

99 100

42 12.3 11.1 16.7

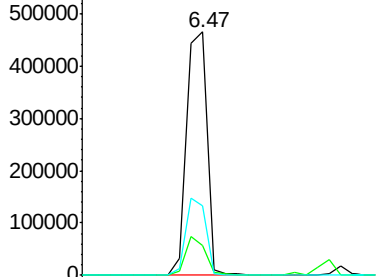
71 28.6 24.9 37.3



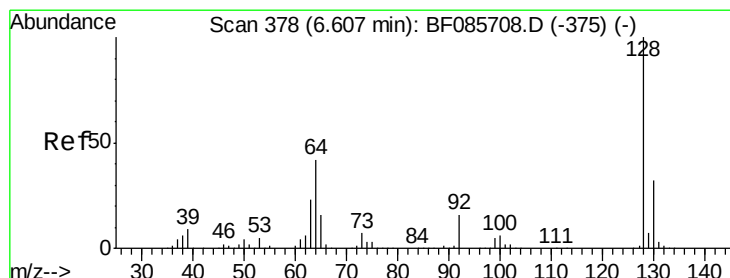
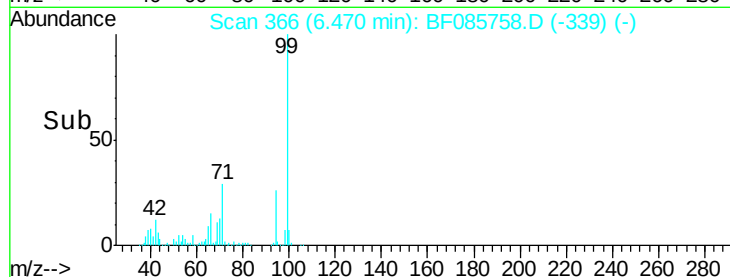
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 40.43 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

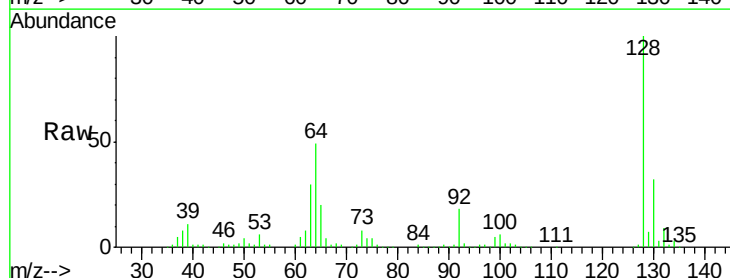
Tgt Ion: 128 Resp: 295019

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

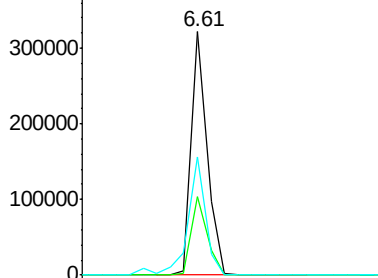
64 48.7 20.2 60.2



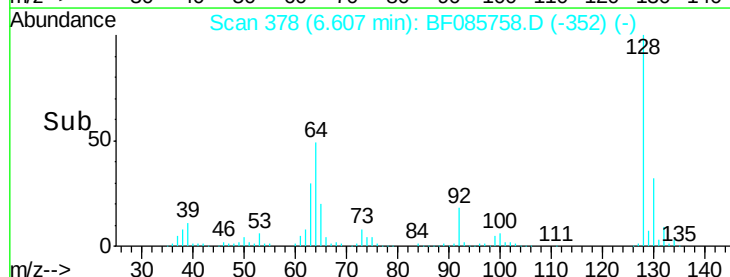
Abundance Ion 128.00 (127.70 to 128.70): E

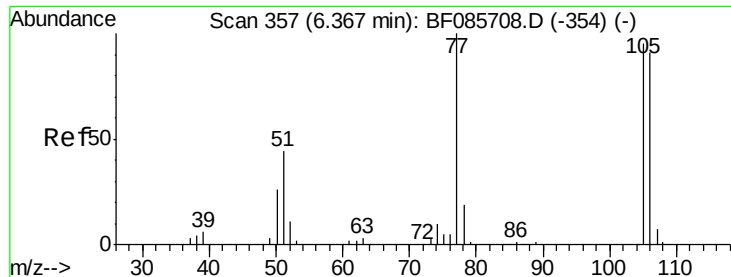
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->

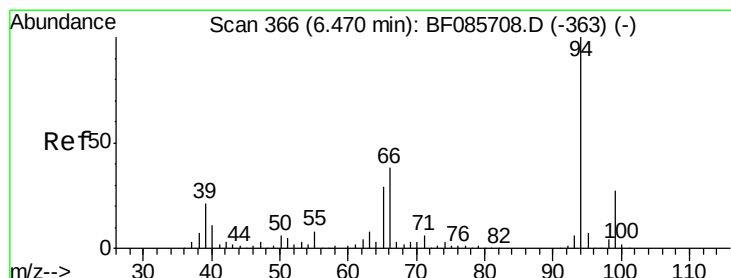
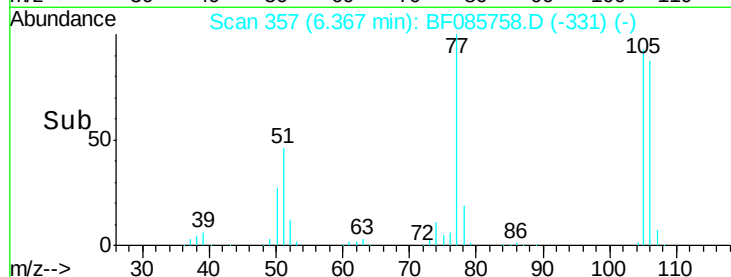
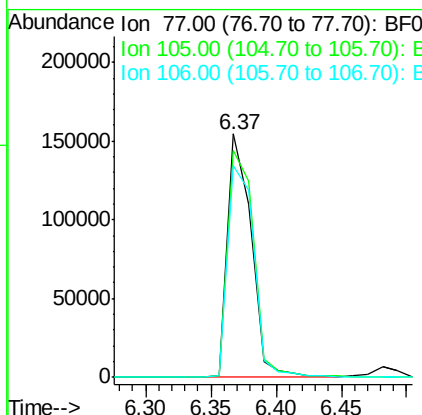
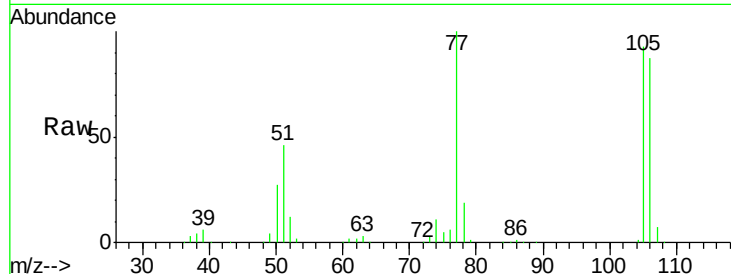




#9
Benzaldehyde
Concen: 40.68 ng
RT: 6.37 min Scan# 357
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

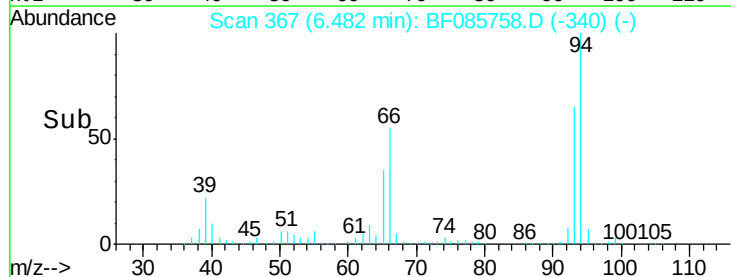
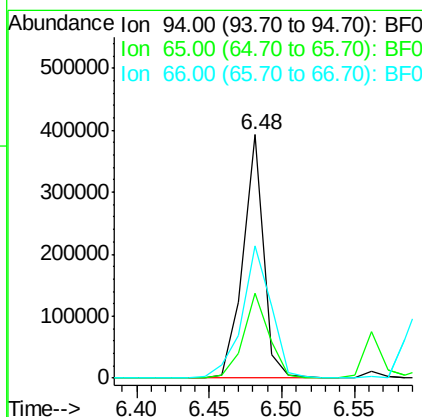
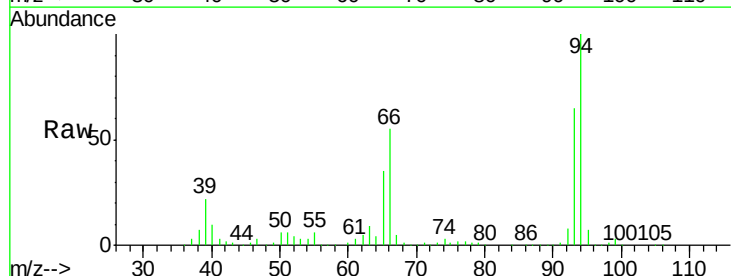
Instrument :
BNA_F
ClientSampleId :

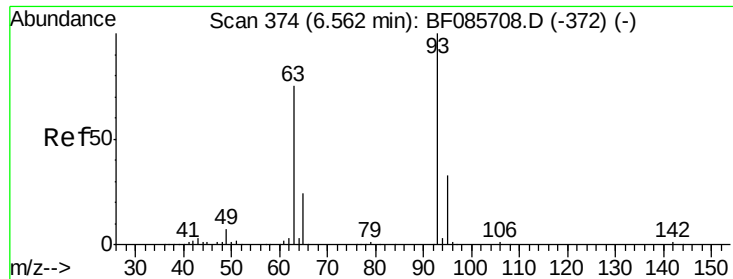
Tot Ion	Ratio	Lower	Upper
77	100		
105	93.0	80.1	120.1
106	86.7	75.0	115.0



#10
Phenol
Concen: 43.09 ng
RT: 6.48 min Scan# 367
Delta R.T. 0.01 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	8.6	48.6
66	54.6	20.0	60.0

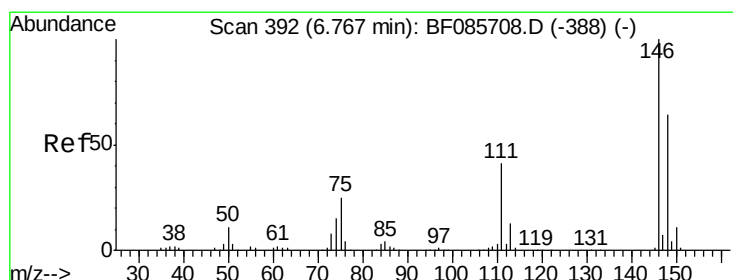
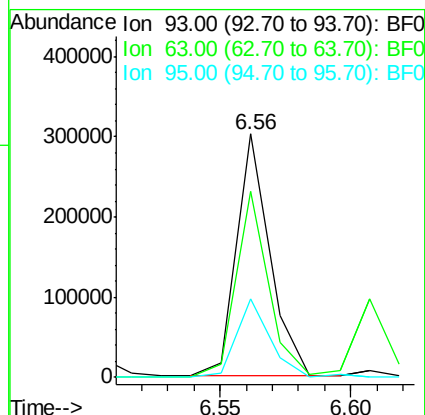
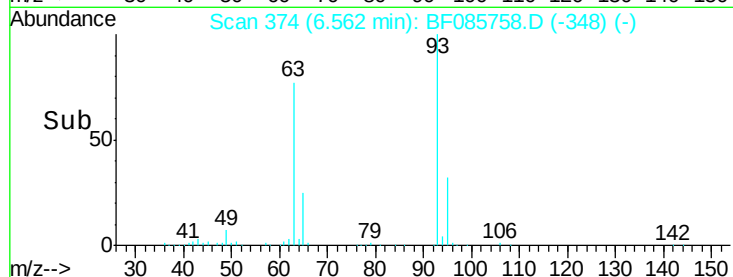
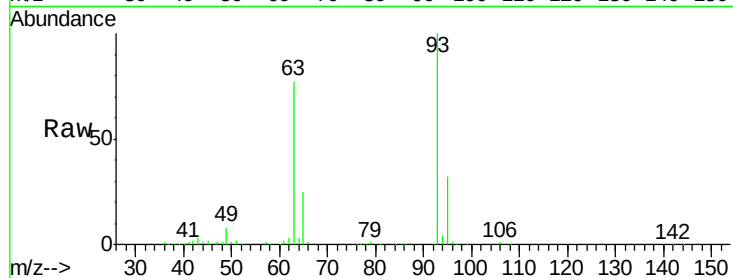




#11
bis(2-Chloroethyl)ether
Concen: 38.85 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

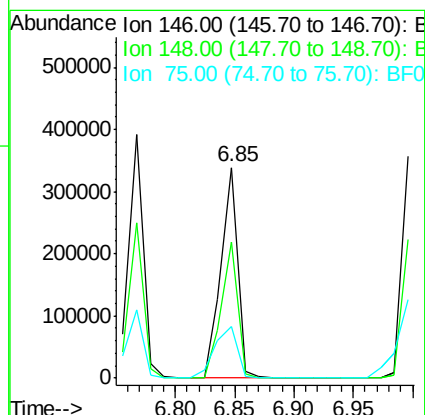
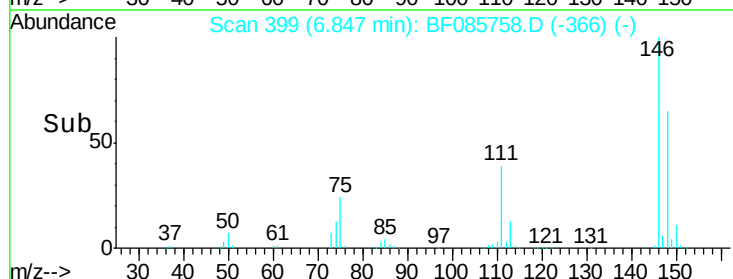
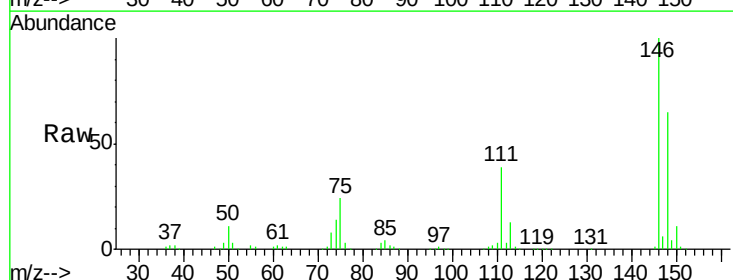
Instrument :
BNA_F
ClientSampleId :

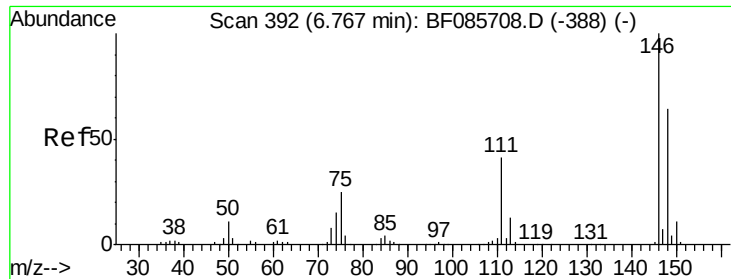
Tot Ion: 93 Resp: 270486
Ion Ratio Lower Upper
93 100
63 76.5 50.9 90.9
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.02 ng
RT: 6.85 min Scan# 399
Delta R.T. 0.08 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion: 146 Resp: 330207
Ion Ratio Lower Upper
146 100
148 64.8 52.3 78.5
75 24.4 17.4 26.2

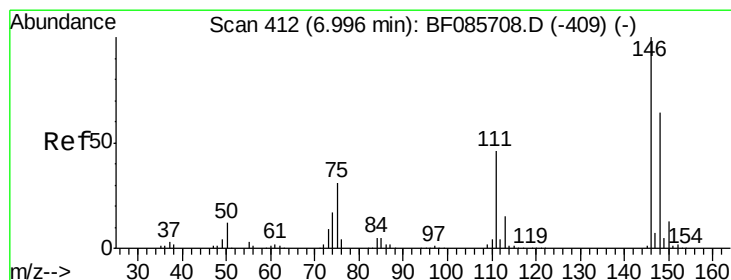
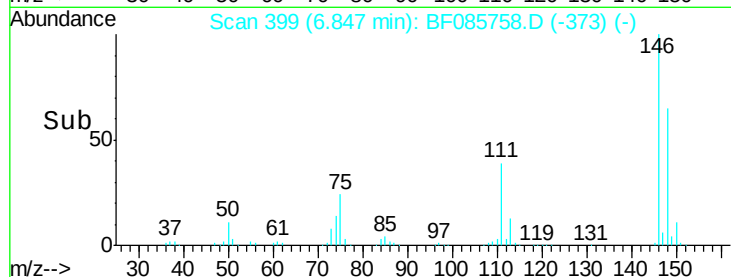
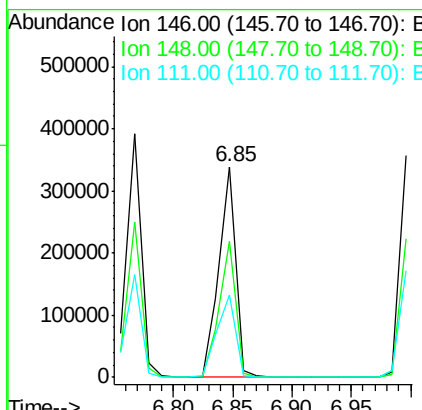
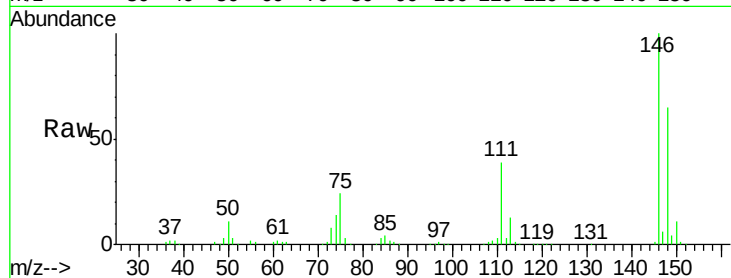




#13
 1,4-Dichlorobenzene
 Concen: 41.43 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

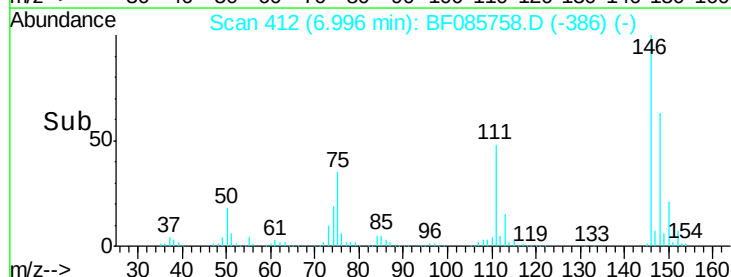
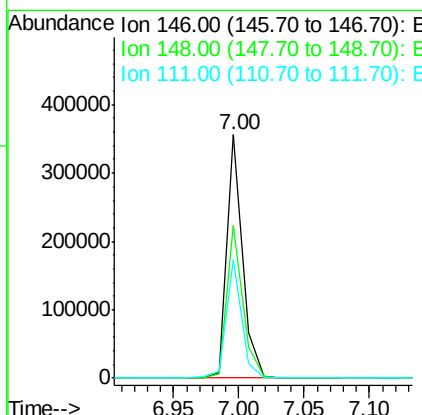
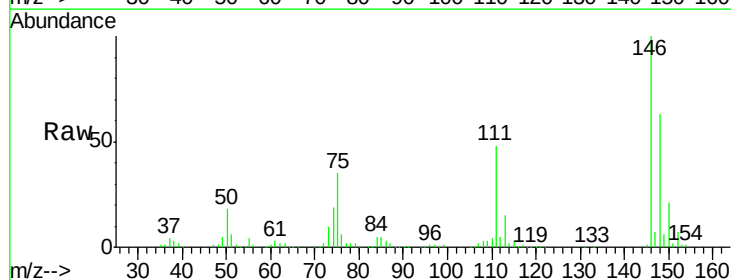
Instrument :
 BNA_F
 ClientSampled :

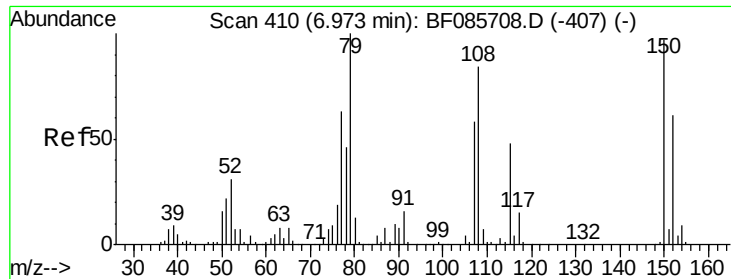
Tot Ion:146 Resp: 330207
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 76.0
 111 38.8 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.14 ng
 RT: 7.00 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion:146 Resp: 298097
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.2
 111 48.3 34.6 52.0

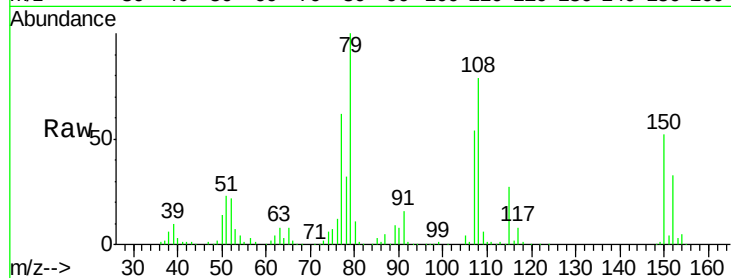




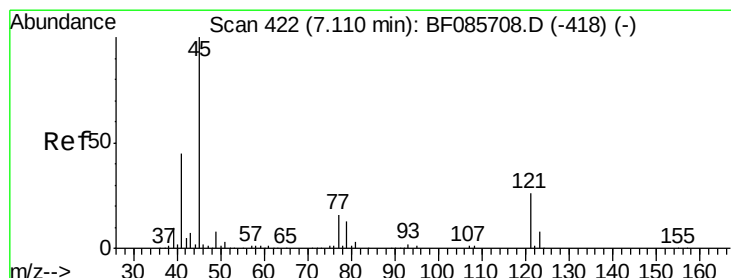
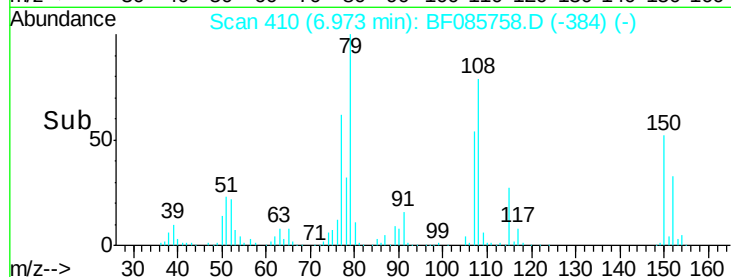
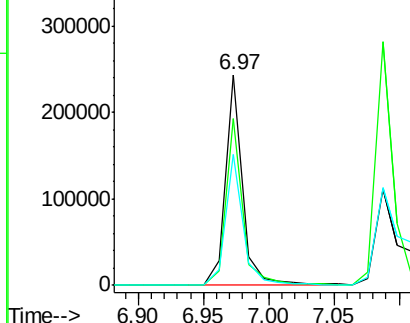
#15
Benzyl Alcohol
Concen: 42.06 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 224088
Ion Ratio Lower Upper
79 100
108 79.2 61.8 92.6
77 62.2 49.6 74.4

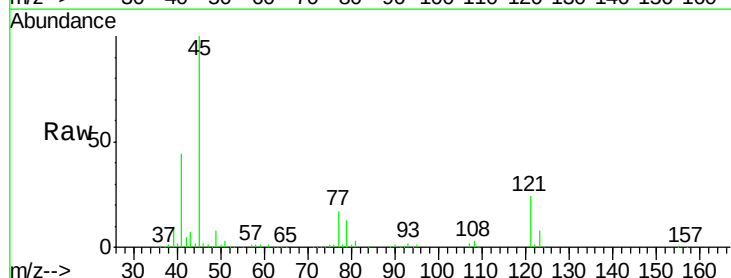


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

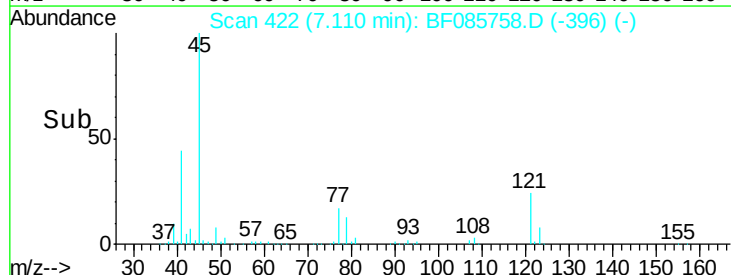
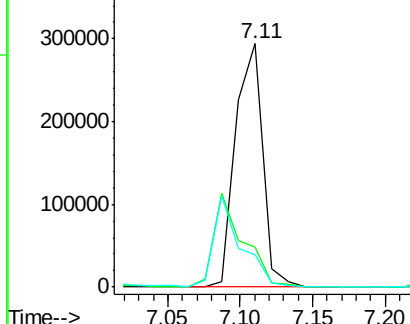


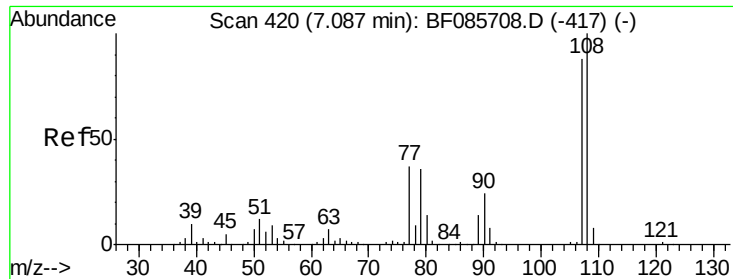
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.27 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion: 45 Resp: 381277
Ion Ratio Lower Upper
45 100
77 16.7 0.0 35.7
79 13.4 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

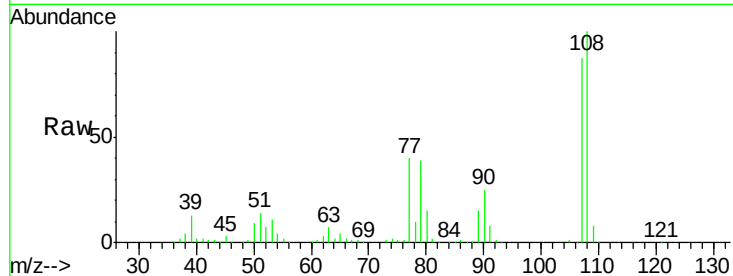




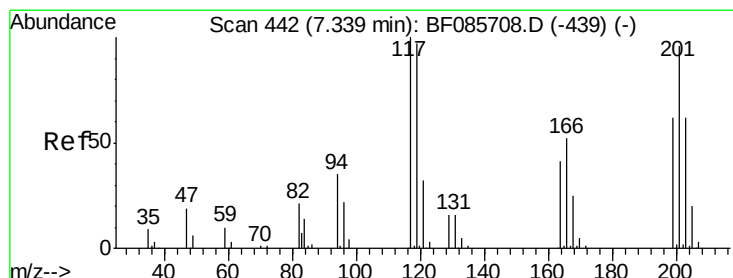
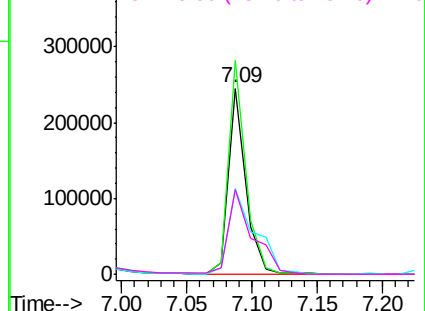
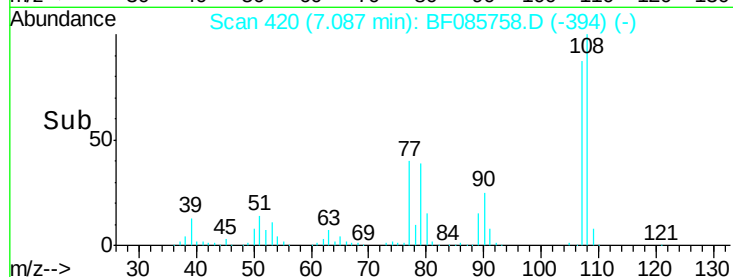
#17
2-Methylphenol
Concen: 39.00 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	227867
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.4	137.0
77	46.0	36.2	54.2
79	45.3	35.8	53.8

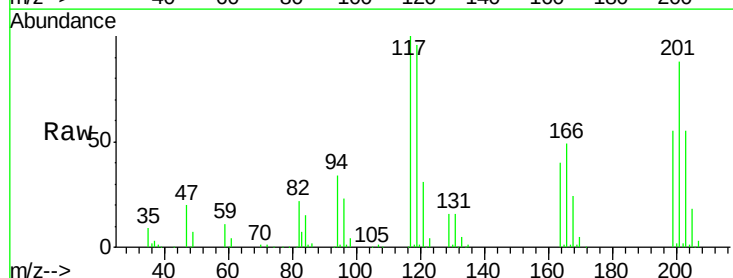


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

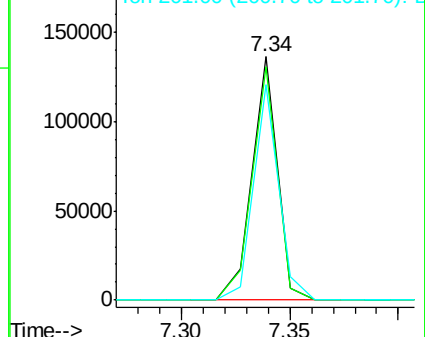
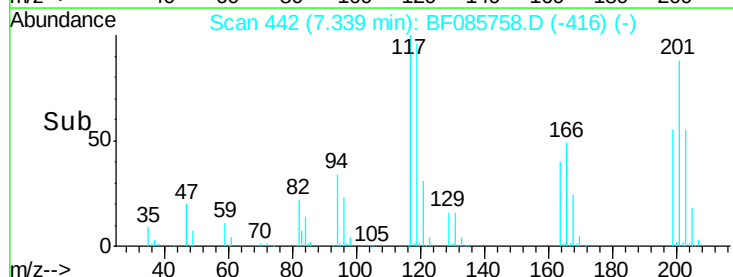


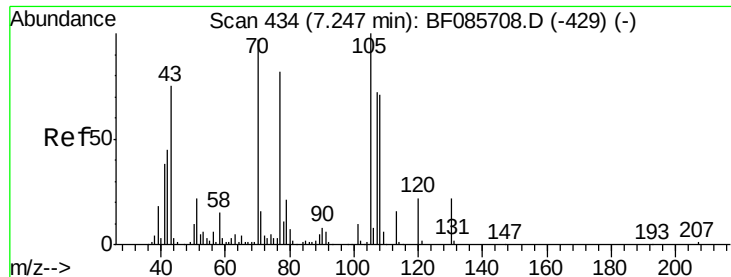
#18
Hexachloroethane
Concen: 37.83 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:	117	Resp:	110390
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
201	88.3	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: 40.69 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 194581

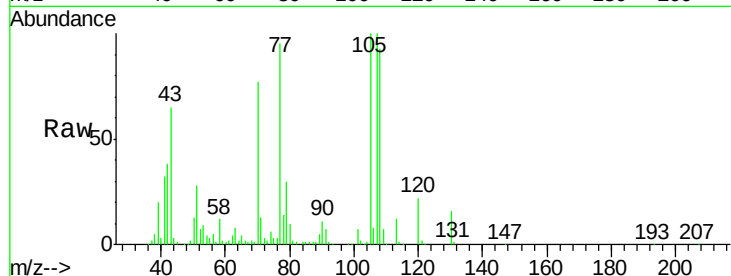
Ion Ratio Lower Upper

70 100

42 49.1 37.1 55.7

101 9.6 8.6 12.8

130 20.4 19.6 29.4

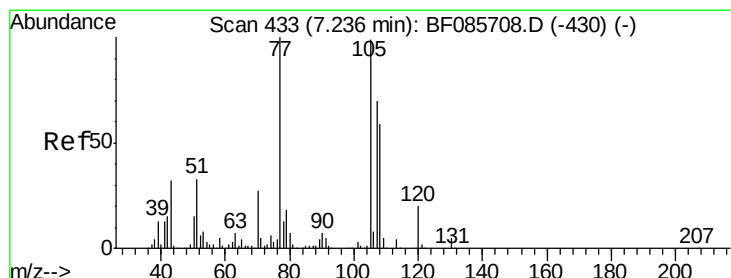
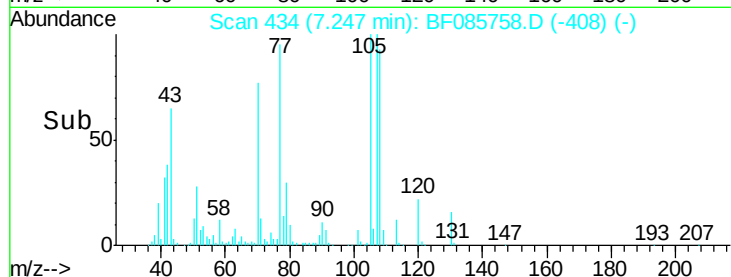
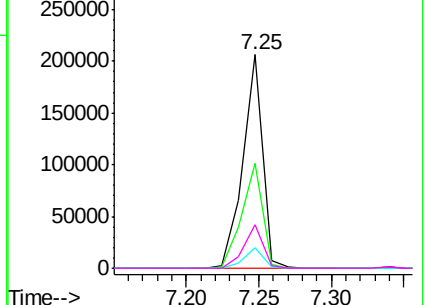


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 39.58 ng

RT: 7.25 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Tgt Ion:107 Resp: 278053

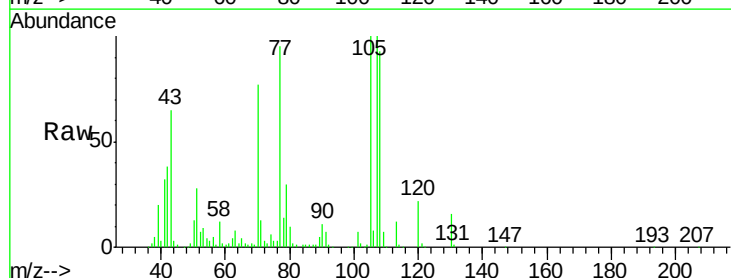
Ion Ratio Lower Upper

107 100

108 93.0 69.3 109.3

77 95.4 101.7 141.7#

79 30.0 8.3 48.3

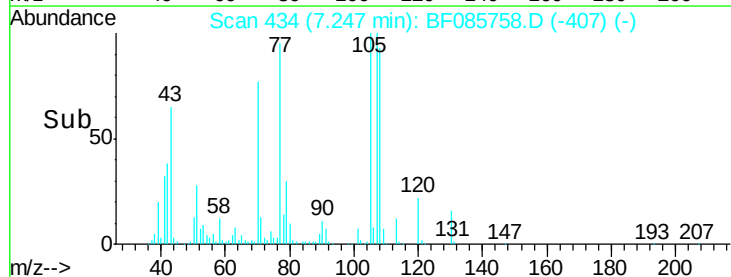
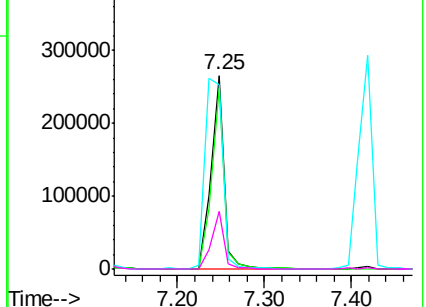


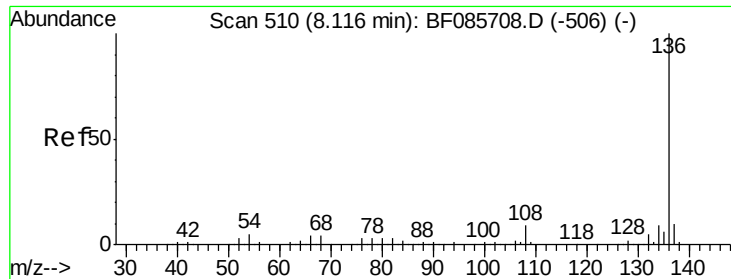
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

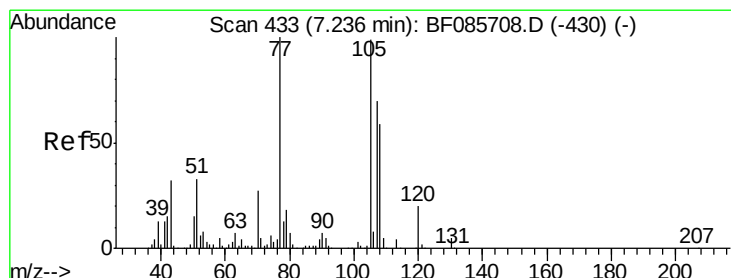
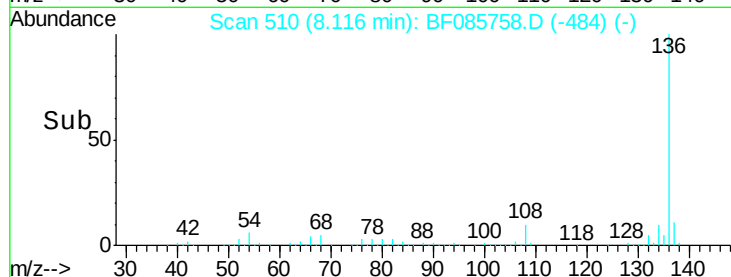
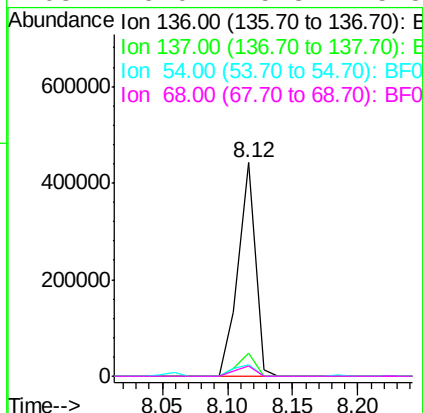
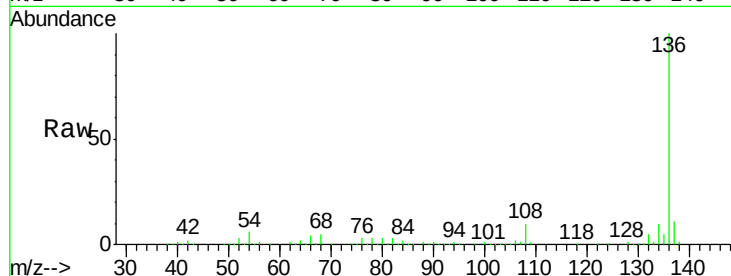




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

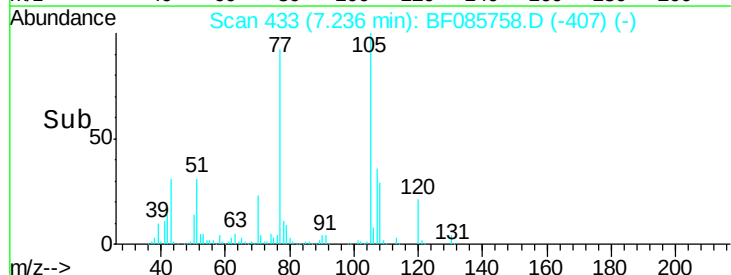
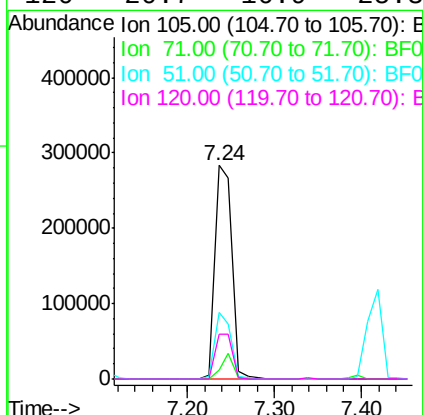
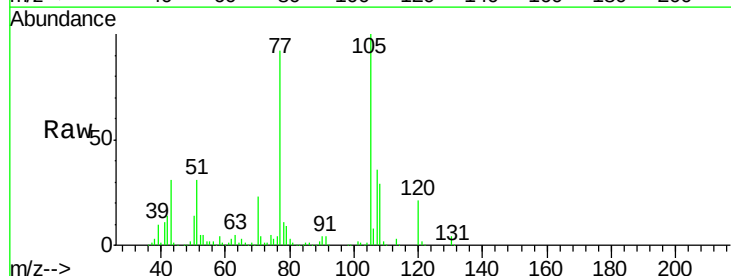
Instrument :
BNA_F
ClientSampleId :

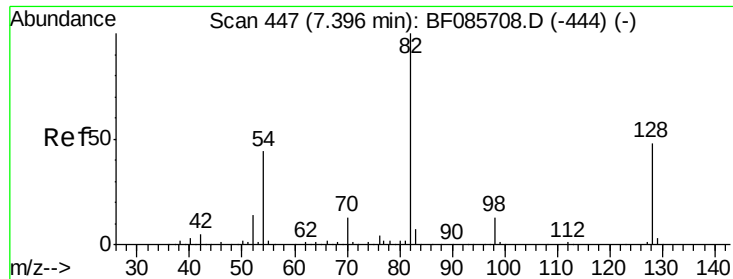
Tot Ion:136	Resp:	405099
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	5.6	7.4 11.0#
68	5.0	5.8 8.8#



#22
Acetophenone
Concen: 41.58 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:105	Resp:	392383
Ion Ratio	Lower	Upper
105	100	
71	4.0	3.6 5.4
51	31.2	25.4 38.0
120	20.7	16.9 25.3

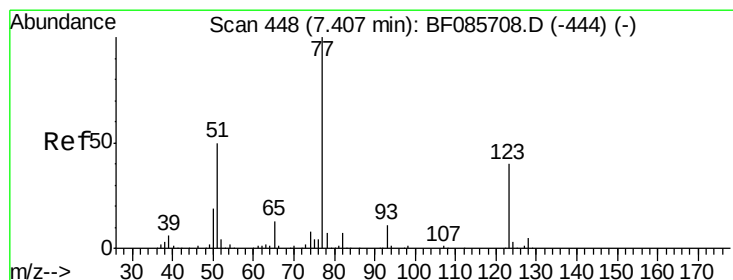
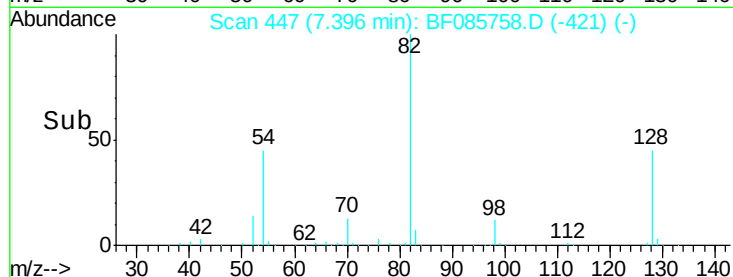
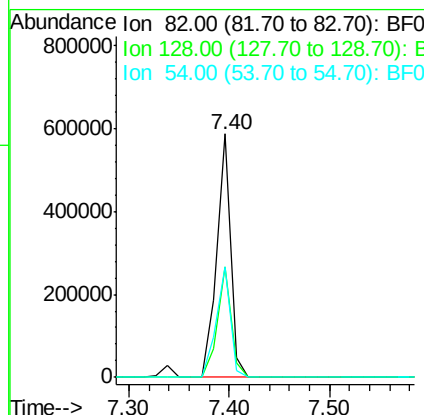
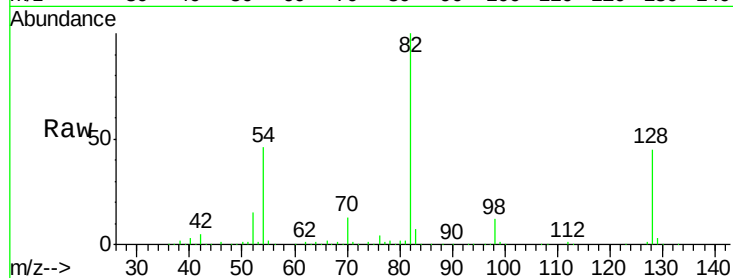




#23
 Nitrobenzene-d5
 Concen: 79.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

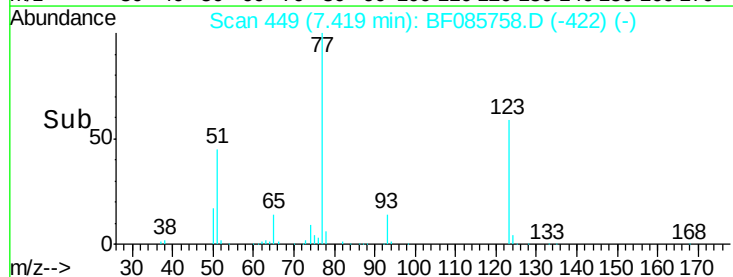
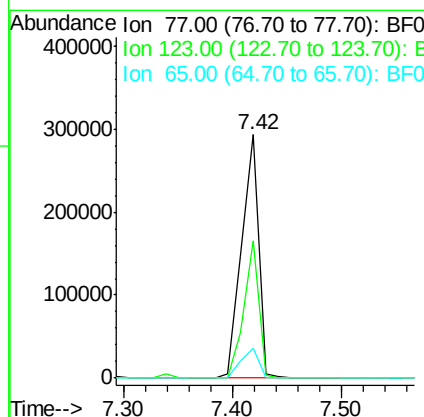
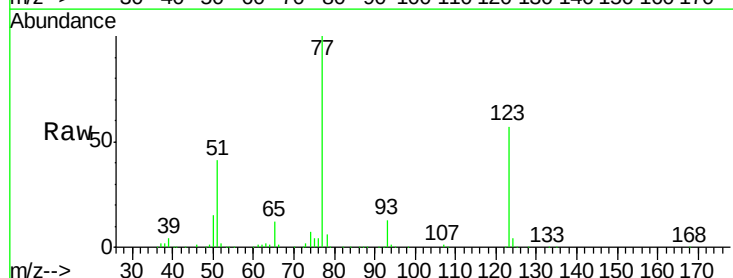
Instrument :
 BNA_F
 ClientSampleId :

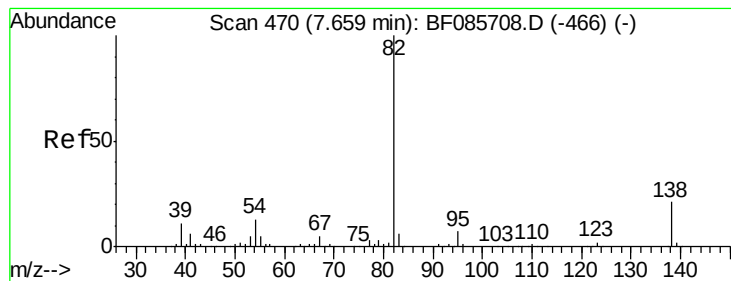
Tot Ion	82	Resp	568809
Ion Ratio	100		
Lower	41.8		
Upper	62.8		
54	45.6	33.4	50.0



#24
 Nitrobenzene
 Concen: 41.79 ng
 RT: 7.42 min Scan# 449
 Delta R.T. 0.01 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion	77	Resp	309926
Ion Ratio	100		
Lower	35.0		
Upper	52.4#		
123	56.6	10.6	16.0
65	12.3		





#25

Isophorone

Concen: 38.81 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

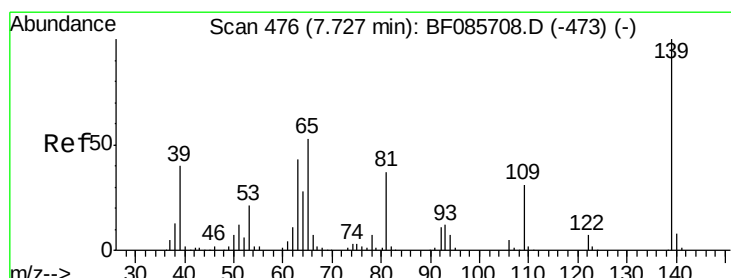
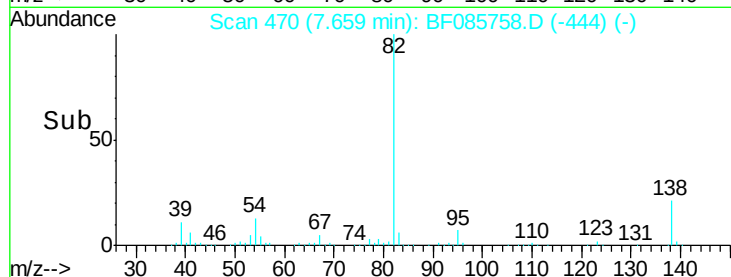
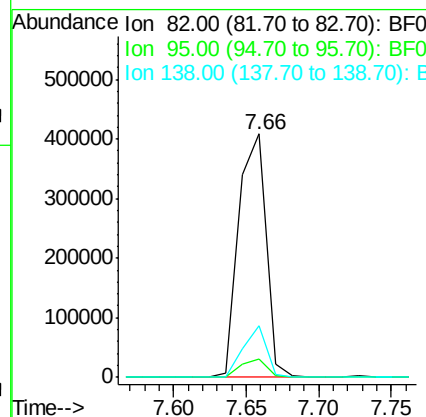
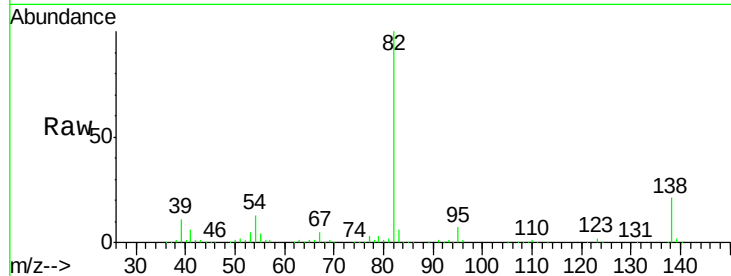
Tot Ion: 82 Resp: 537766

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 21.1 12.9 19.3#



#26

2-Nitrophenol

Concen: 33.22 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

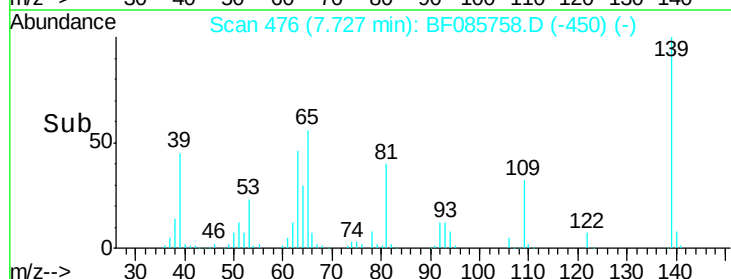
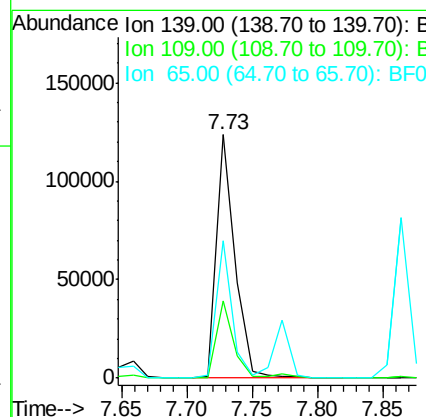
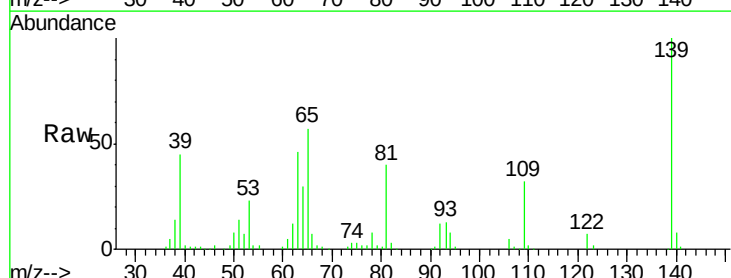
Tgt Ion: 139 Resp: 123249

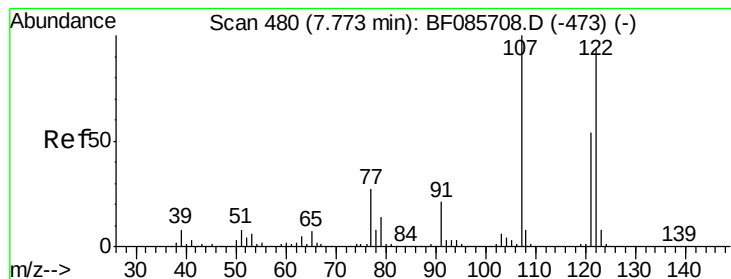
Ion Ratio Lower Upper

139 100

109 31.9 22.1 33.1

65 56.7 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 42.34 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampled :

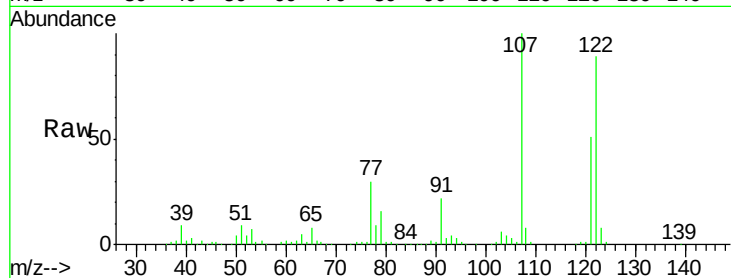
Tot Ion:122 Resp: 274560

Ion Ratio Lower Upper

122 100

107 112.0 93.0 139.6

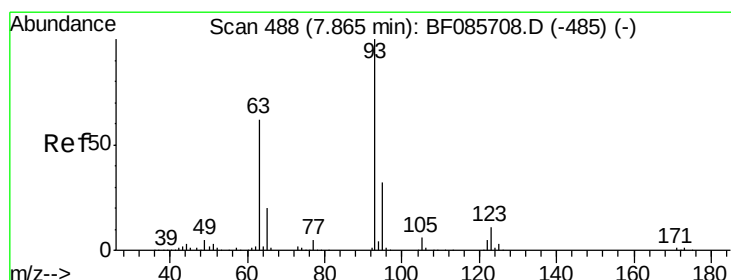
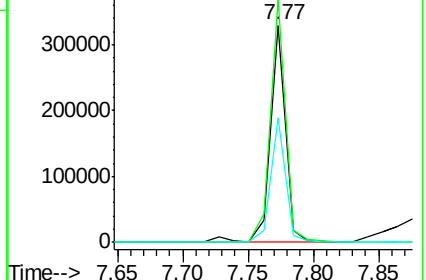
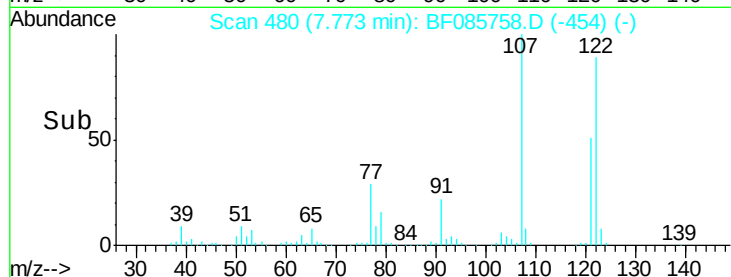
121 57.6 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.57 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

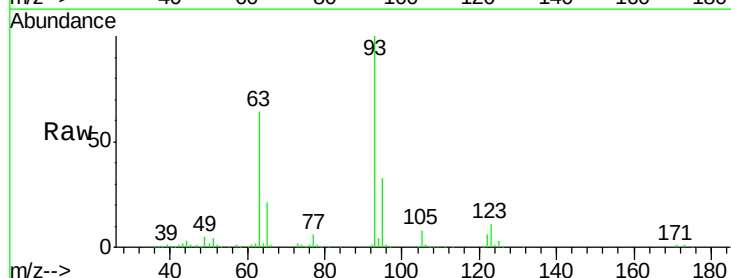
Tgt Ion: 93 Resp: 320326

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

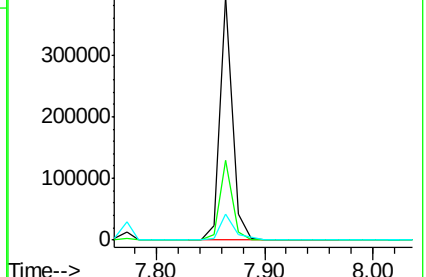
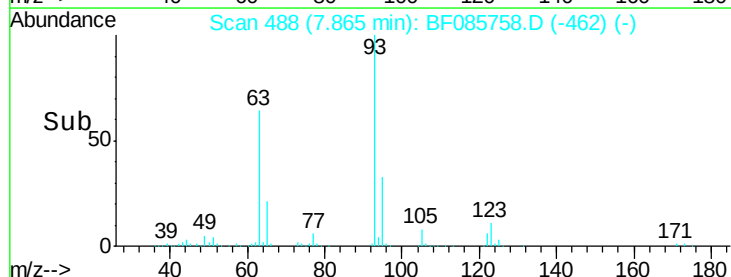
123 10.6 9.8 14.6

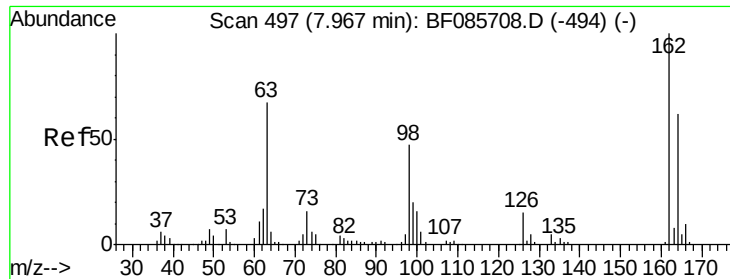


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

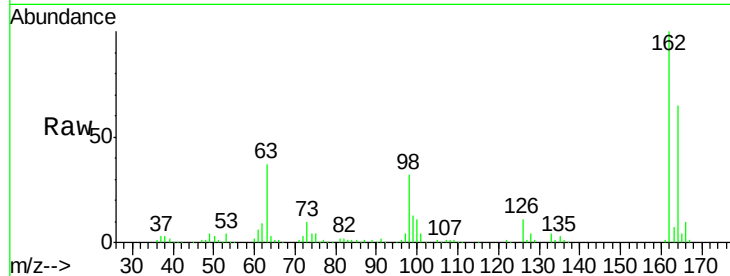




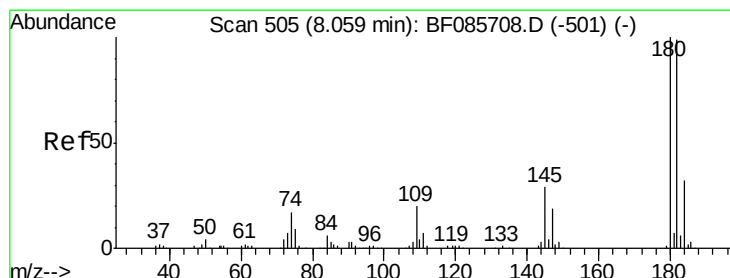
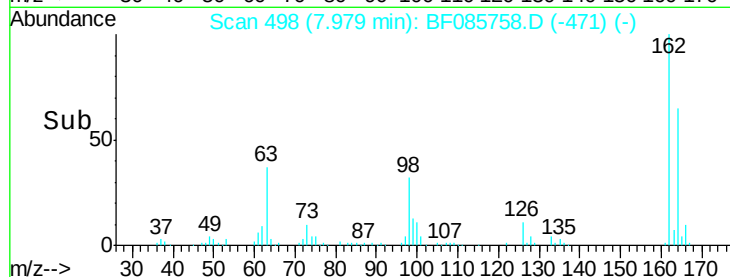
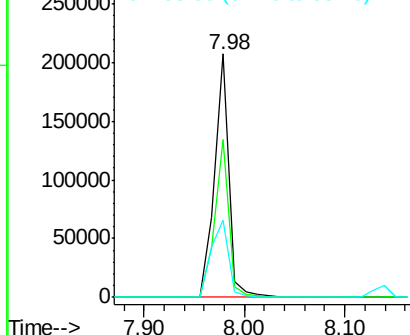
#29
 2,4-Dichlorophenol
 Concen: 37.49 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.7	83.7
98	31.8	20.4	60.4

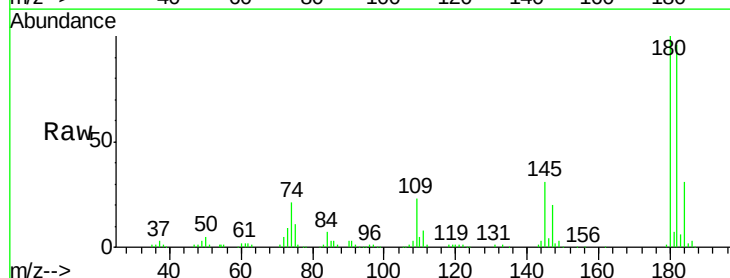


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

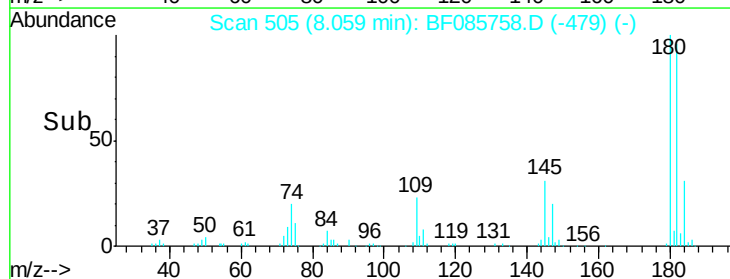
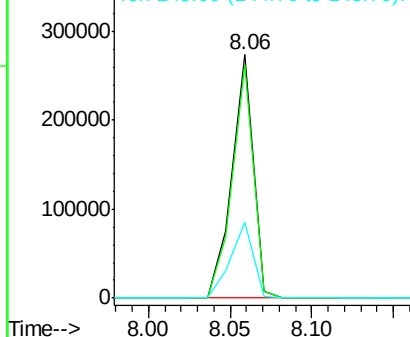


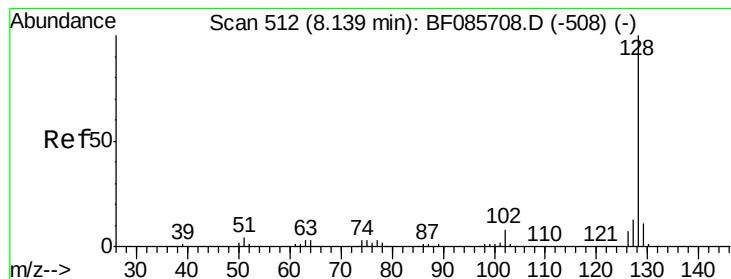
#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	73.8	110.8
145	31.4	28.4	42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.65 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampled :

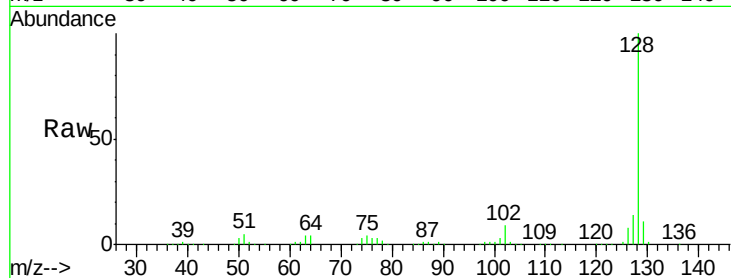
Tot Ion:128 Resp: 809329

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

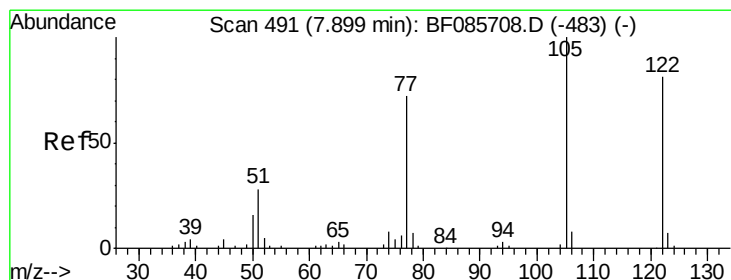
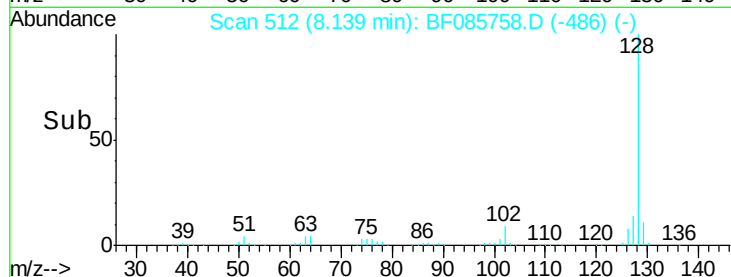
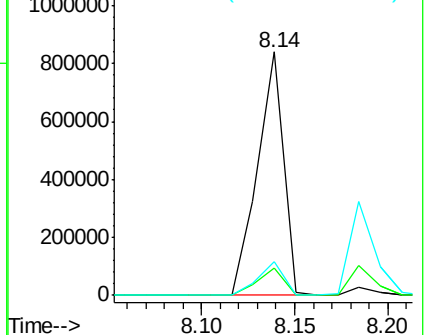
127 13.6 11.0 16.6



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: 31.11 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

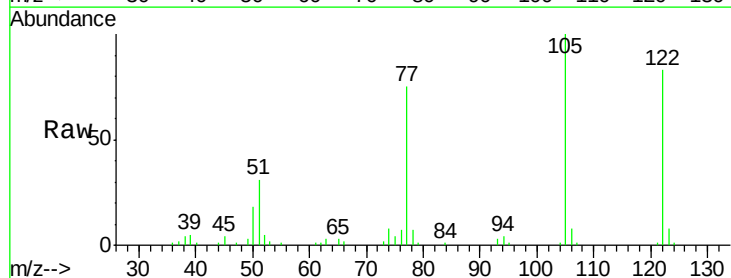
Tgt Ion:122 Resp: 133982

Ion Ratio Lower Upper

122 100

105 121.1 102.9 142.9

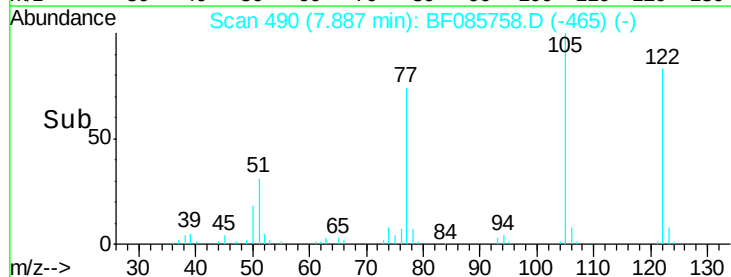
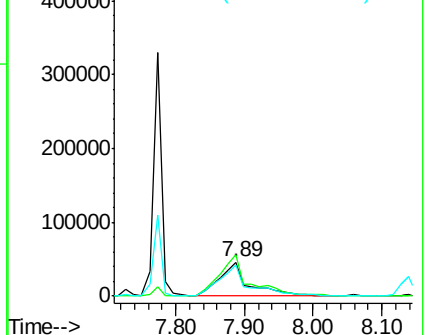
77 90.6 71.8 111.8

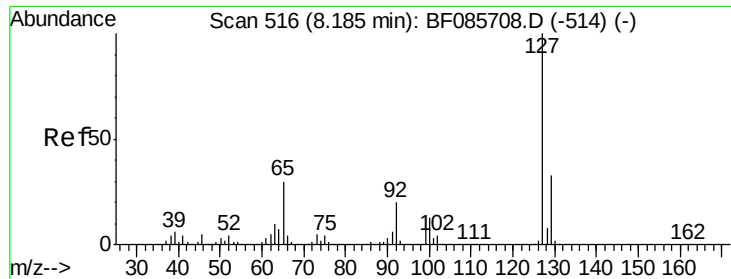


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

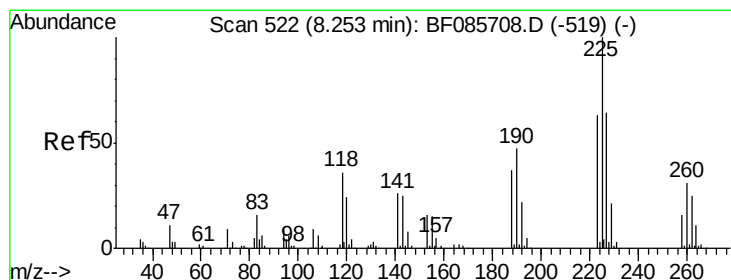
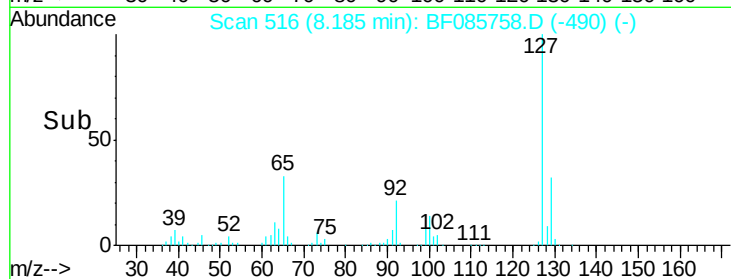
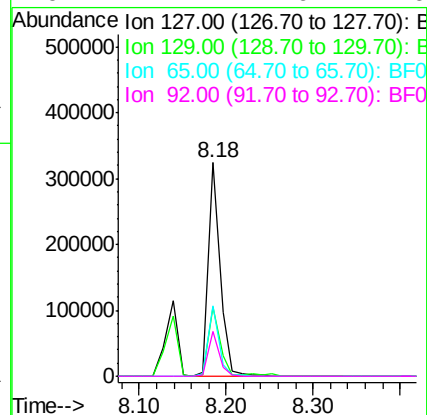
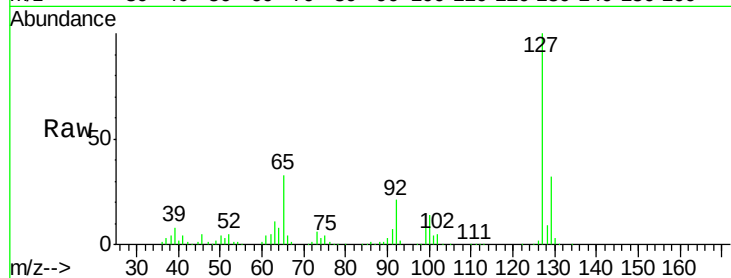




#33
4-Chloroaniline
Concen: 36.73 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

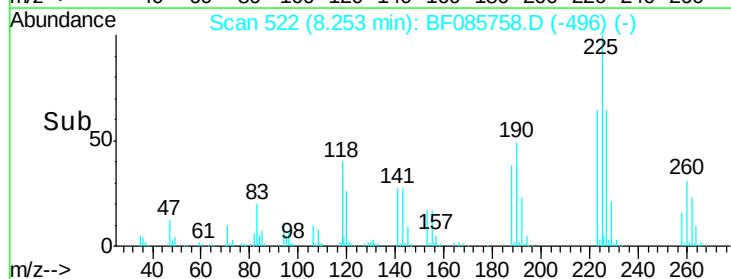
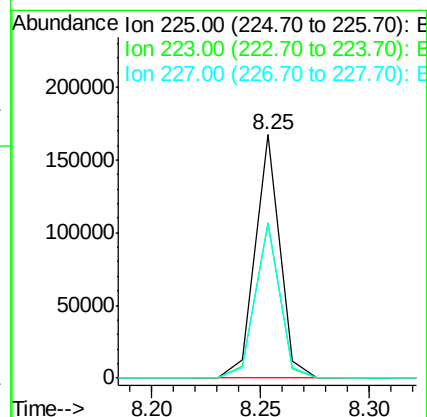
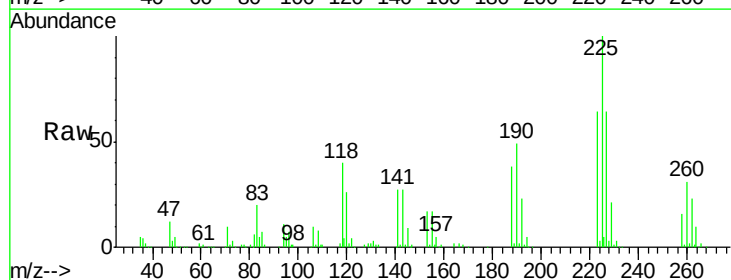
Instrument :
BNA_F
ClientSampled :

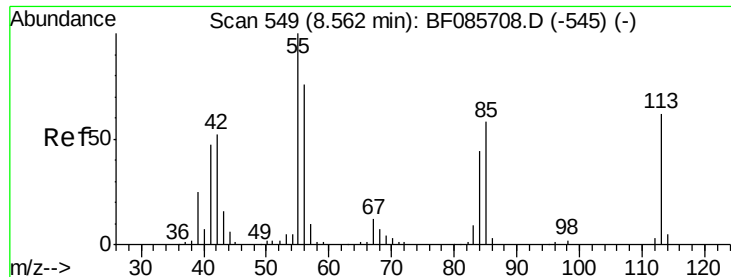
Tot Ion:	127	Resp:	306086
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	33.2	19.5	29.3
92	21.1	14.6	22.0



#34
Hexachlorobutadiene
Concen: 39.96 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:	225	Resp:	131433
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.4	75.6
227	63.8	51.4	77.2





#35

Caprolactam

Concen: 36.27 ng

RT: 8.56 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

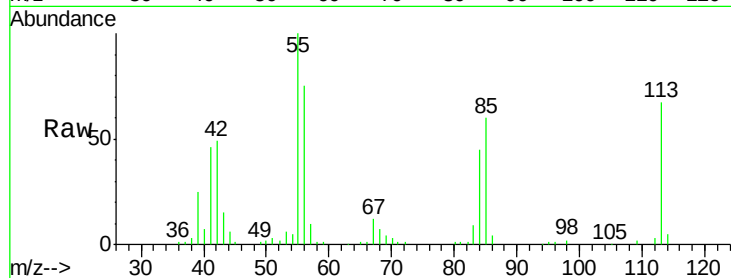
Tot Ion:113 Resp: 70027

Ion Ratio Lower Upper

113 100

55 149.6 139.4 179.4

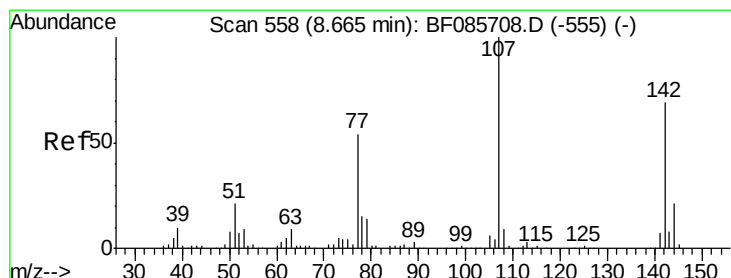
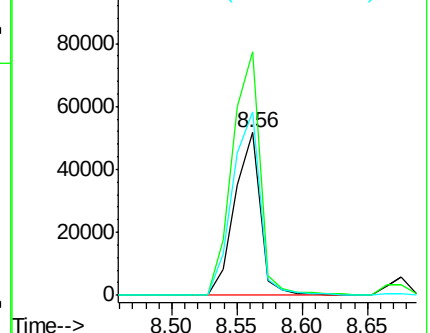
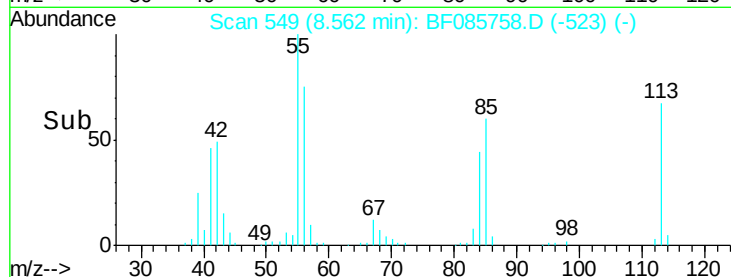
56 112.4 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.66 ng

RT: 8.68 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

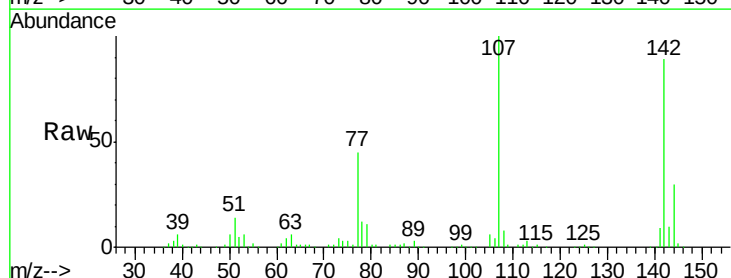
Tgt Ion:107 Resp: 220680

Ion Ratio Lower Upper

107 100

144 29.5 19.3 28.9#

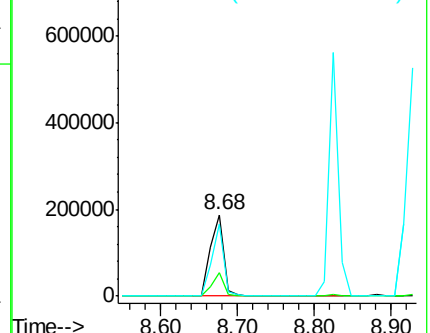
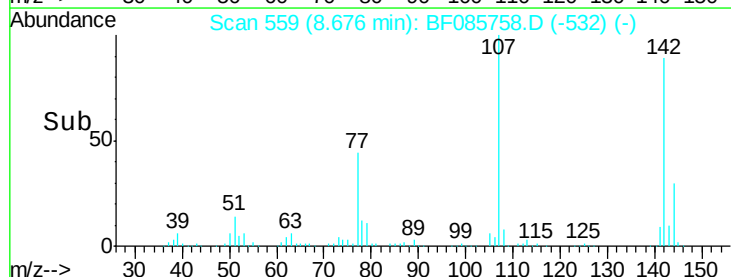
142 89.3 61.4 92.0

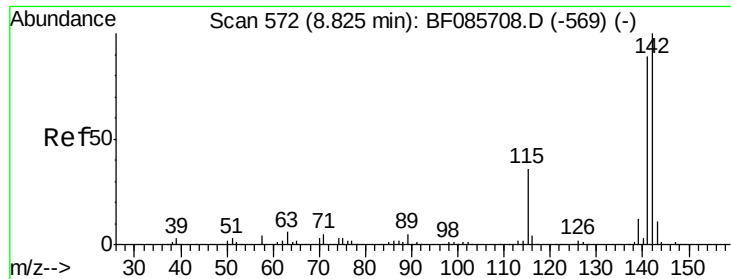


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

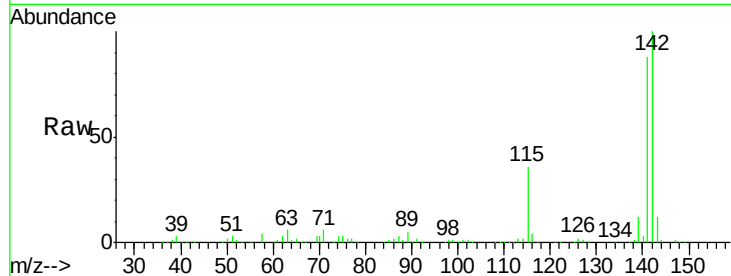




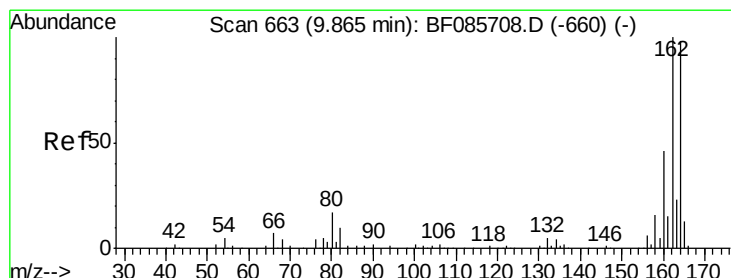
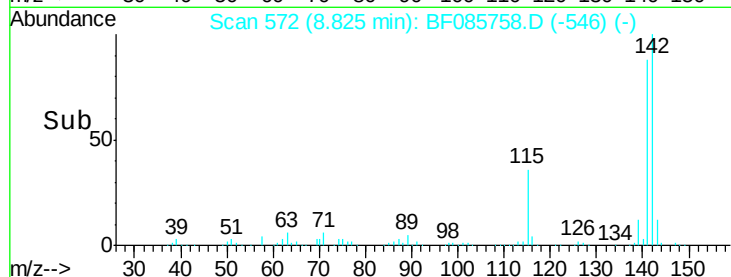
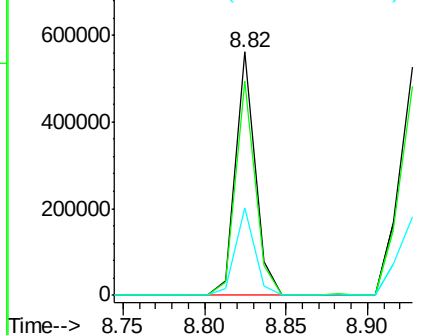
#37
 2-Methylnaphthalene
 Concen: 37.43 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 464114
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.6 107.4
 115 36.2 26.8 40.2

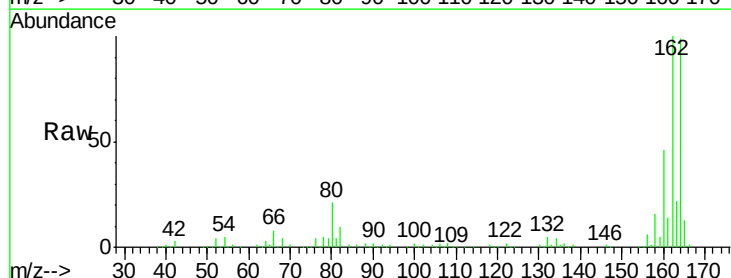


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

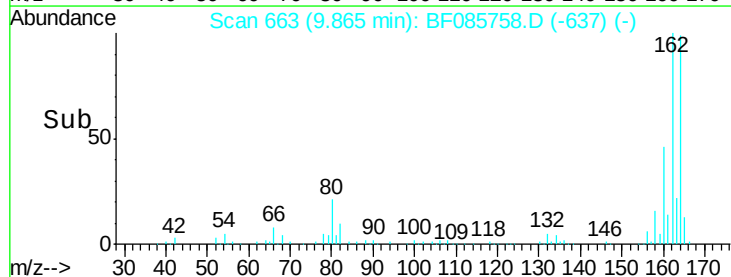
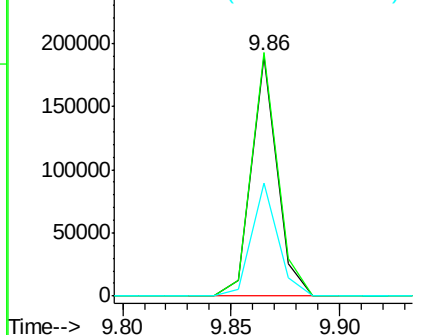


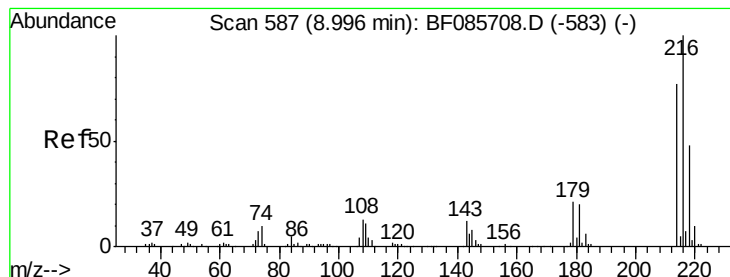
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion:164 Resp: 156146
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.1 123.1
 160 47.1 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: 45.80 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 212061

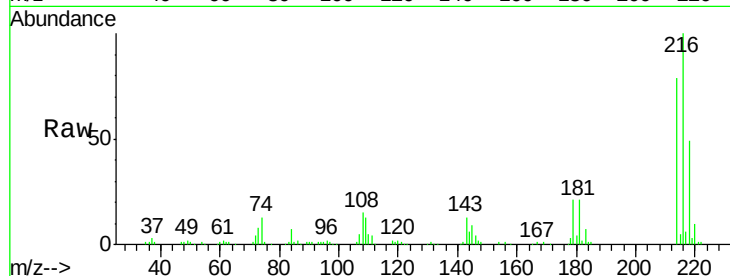
Ion Ratio Lower Upper

216 100

214 79.7 63.1 94.7

179 23.0 18.2 27.2

108 20.4 17.3 25.9

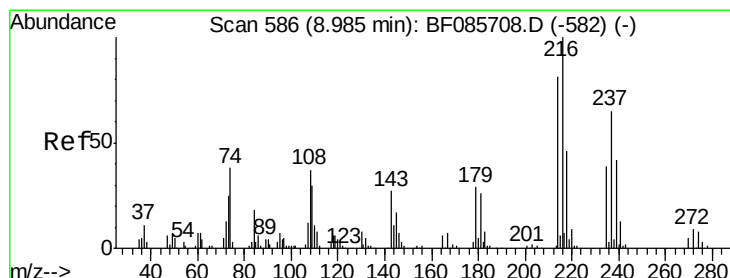
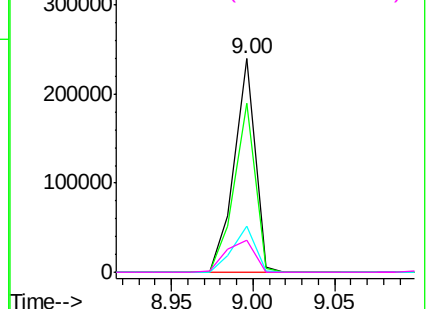
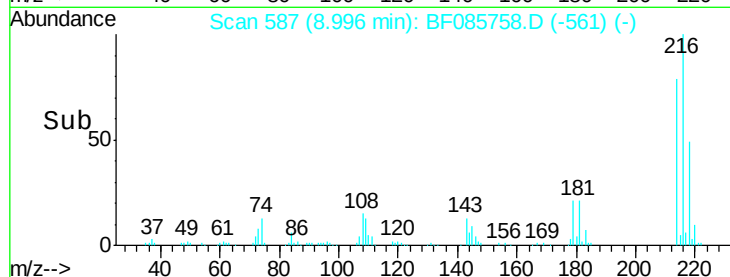


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.22 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

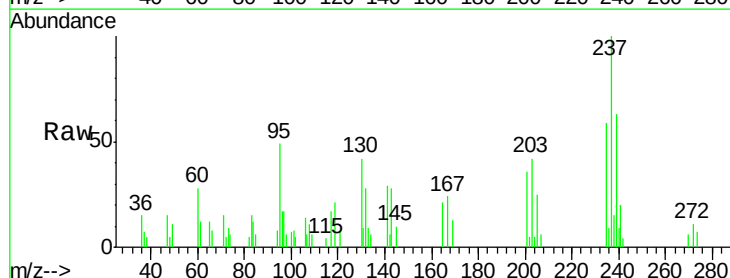
Tgt Ion:237 Resp: 10963

Ion Ratio Lower Upper

237 100

235 59.4 43.7 83.7

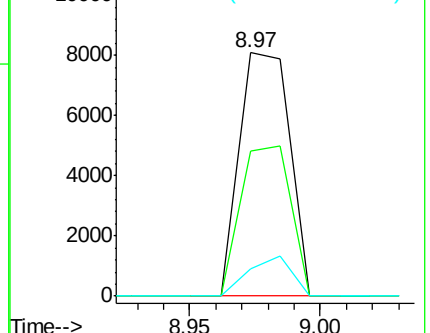
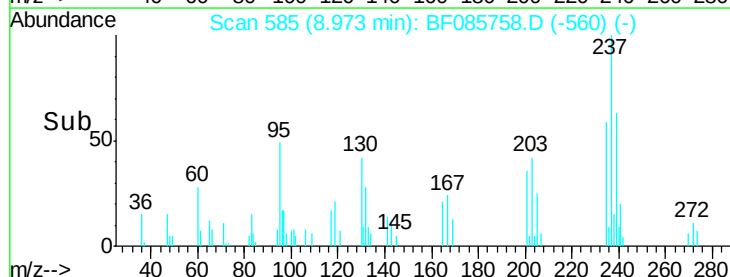
272 11.1 0.0 31.9

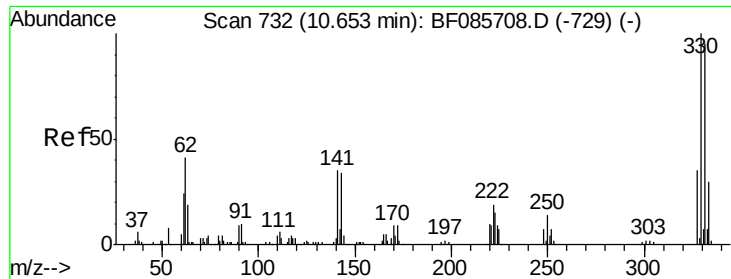


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

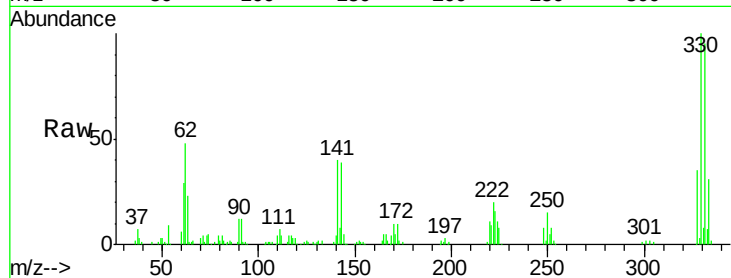




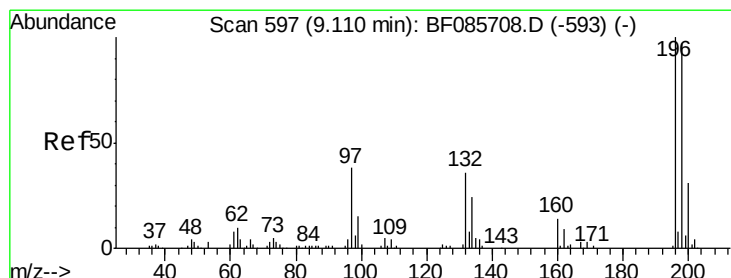
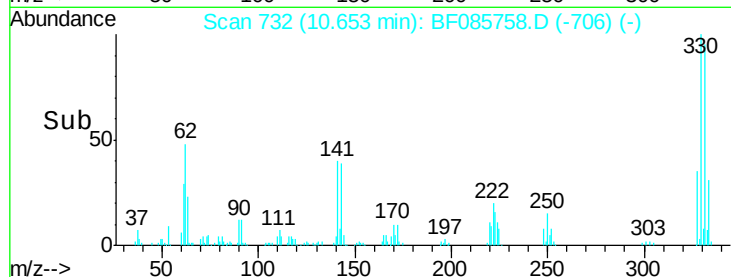
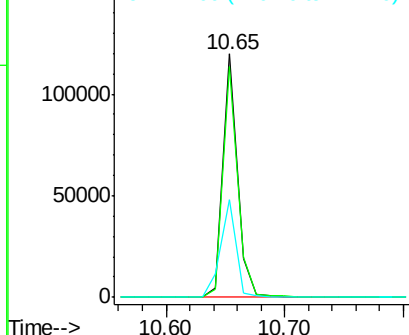
#41
 2,4,6-Tribromophenol
 Concen: 67.80 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 100583
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 43.2 31.5 47.3

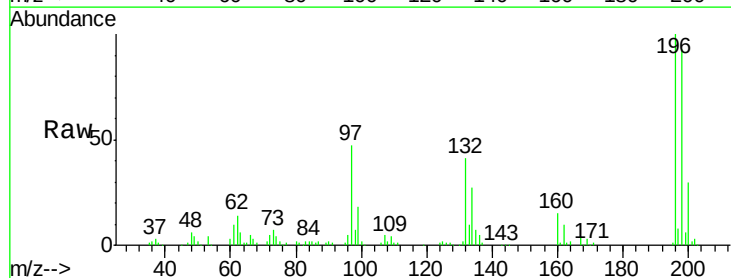


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

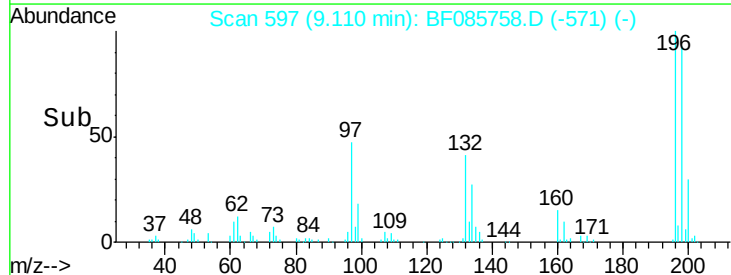
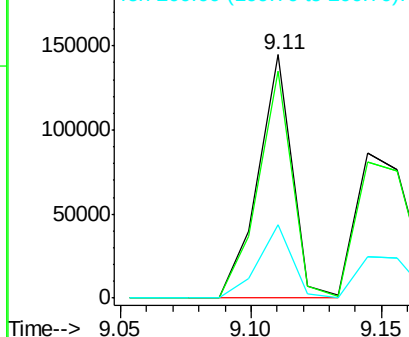


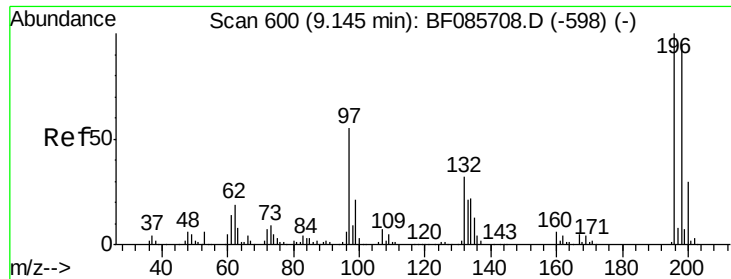
#42
 2,4,6-Trichlorophenol
 Concen: 42.31 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion:196 Resp: 132313
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.3 112.9
 200 29.9 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

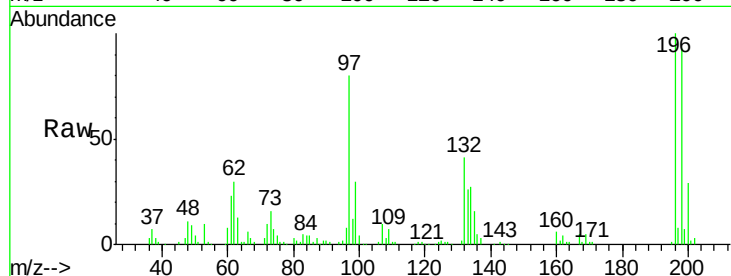




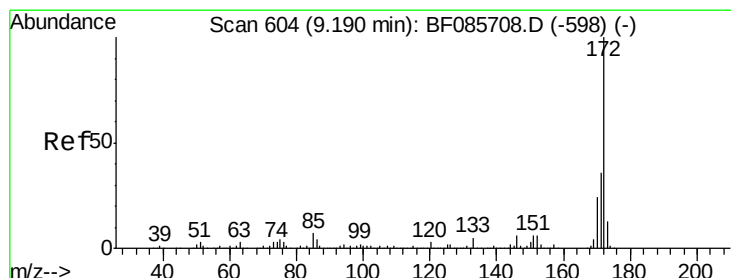
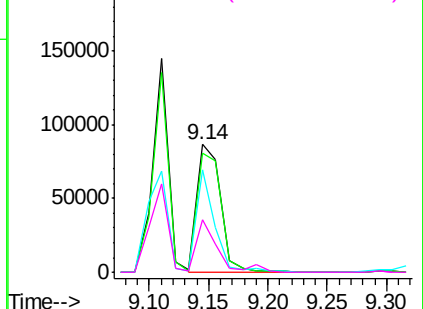
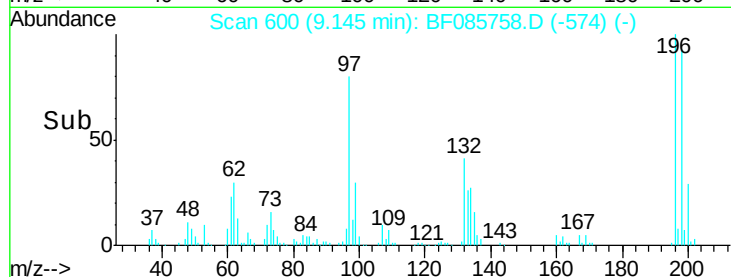
#43
 2,4,5-Trichlorophenol
 Concen: 36.93 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.6	114.8
97	80.1	30.5	45.7#
132	41.3	20.2	30.2#

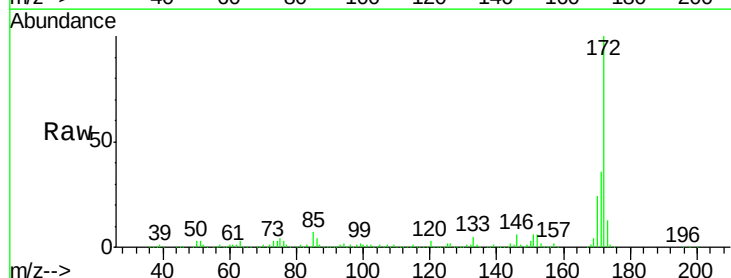


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

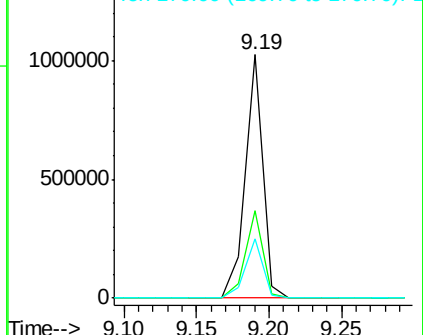
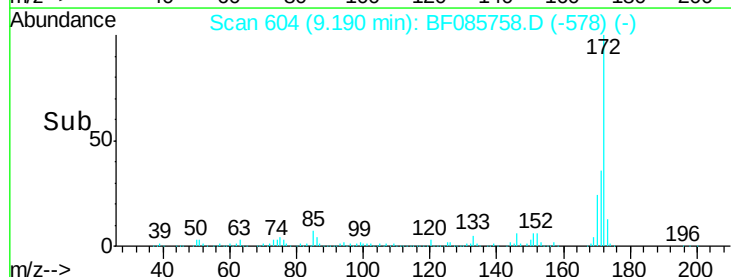


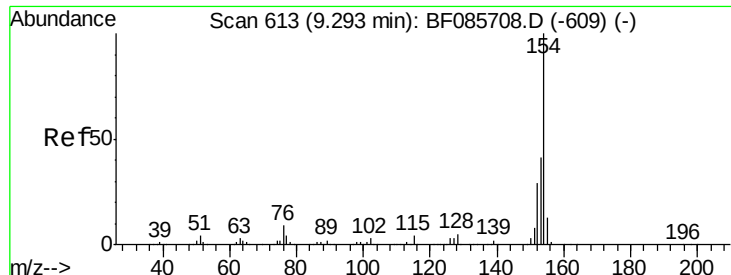
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.3	19.8	29.6



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





#45

1,1'-Biphenyl

Concen: 46.53 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

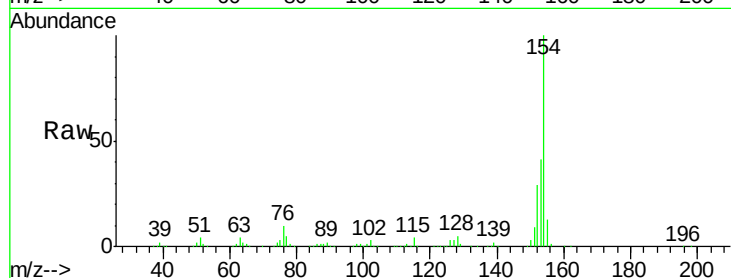
Tot Ion:154 Resp: 613041

Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

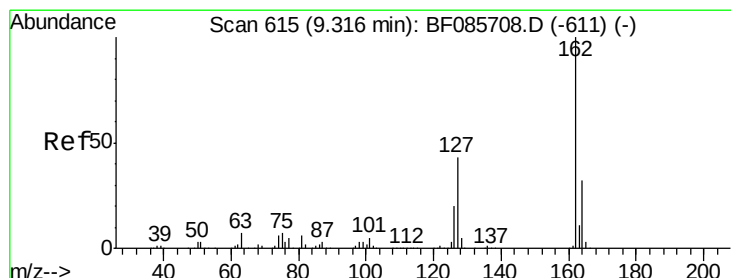
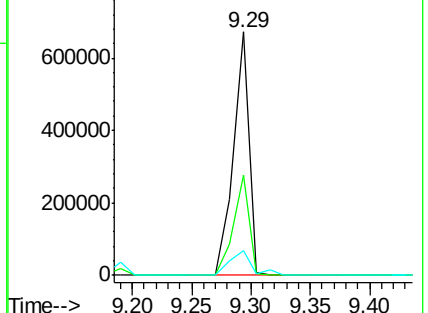
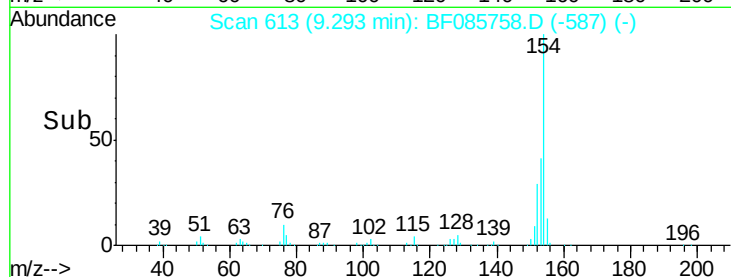
76 10.4 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.29 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

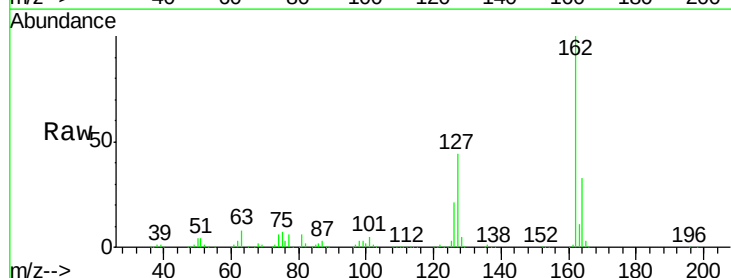
Tgt Ion:162 Resp: 438813

Ion Ratio Lower Upper

162 100

127 43.5 31.7 47.5

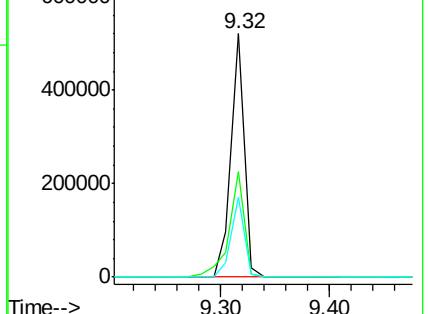
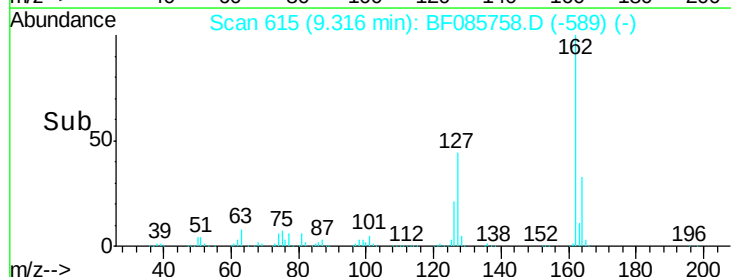
164 33.0 27.3 40.9

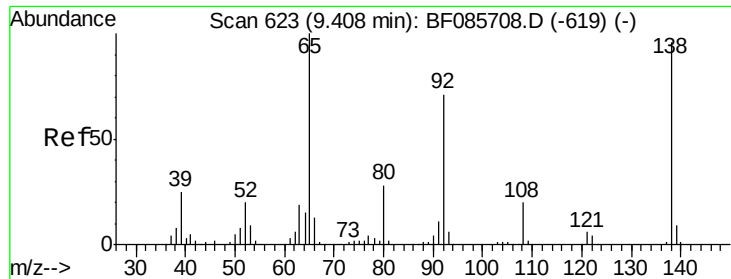


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

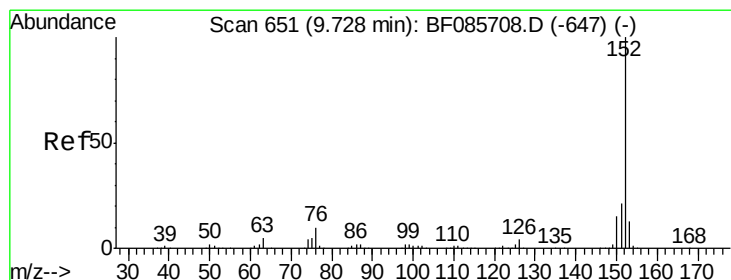
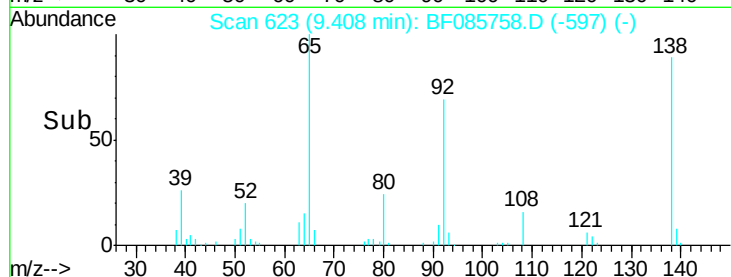
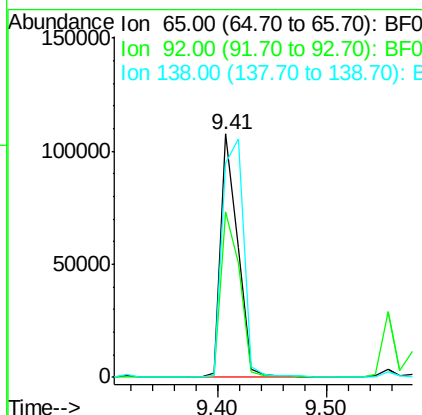
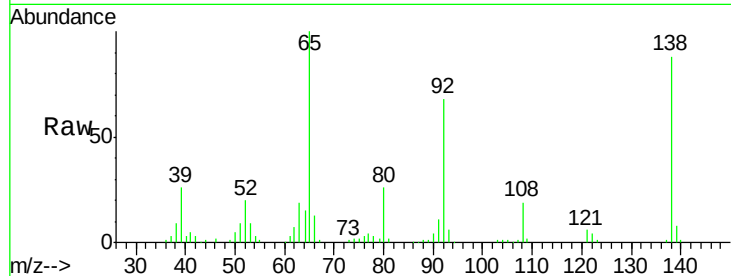




#47
2-Nitroaniline
Concen: 40.28 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

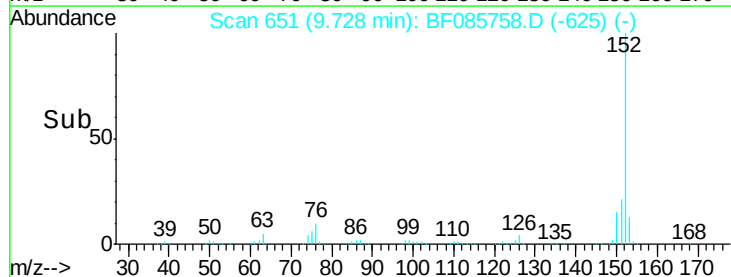
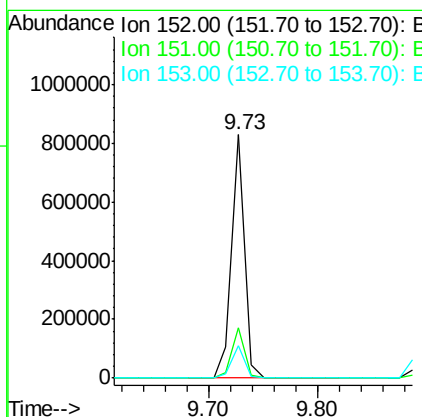
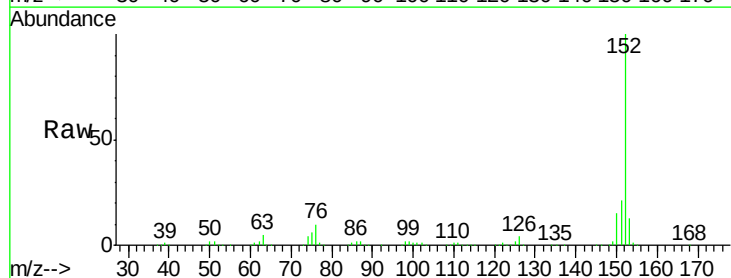
Instrument :
BNA_F
ClientSampled :

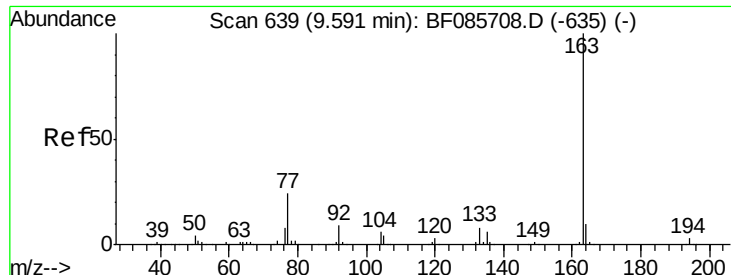
Tot Ion: 65 Resp: 119335
Ion Ratio Lower Upper
65 100
92 67.8 59.7 89.5
138 87.9 91.4 137.0#



#48
Acenaphthylene
Concen: 42.84 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion: 152 Resp: 676365
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.5 10.9 16.3

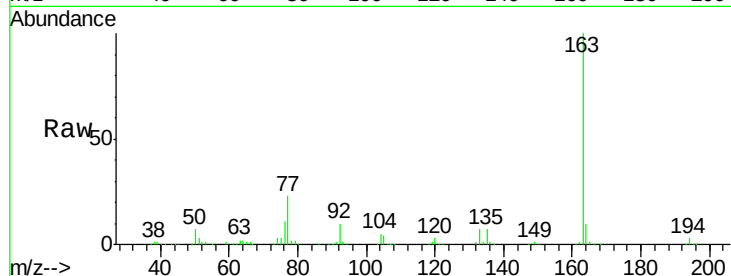




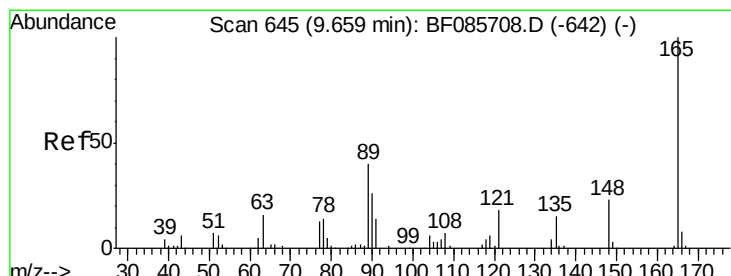
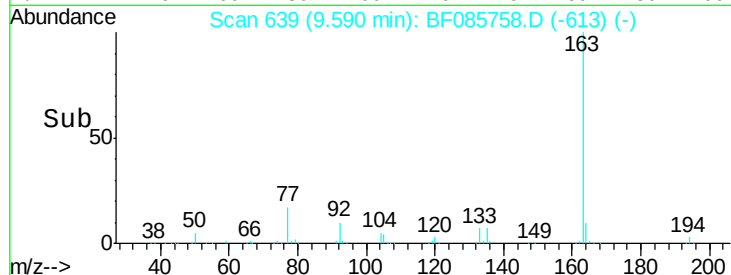
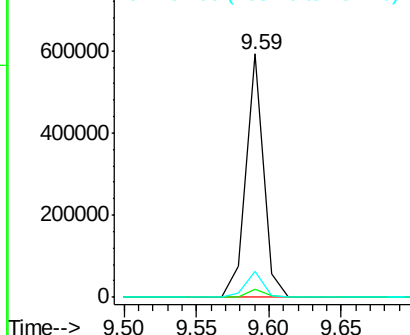
#49
Dimethylphthalate
Concen: 42.02 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.5	8.3	12.5

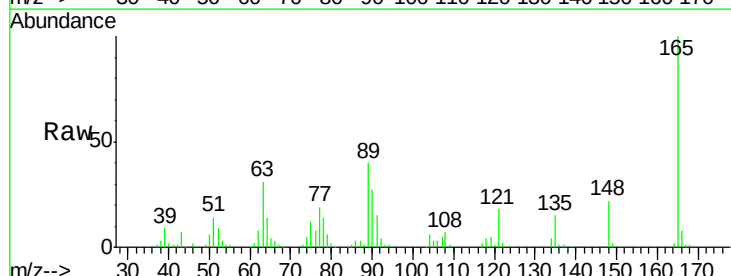


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

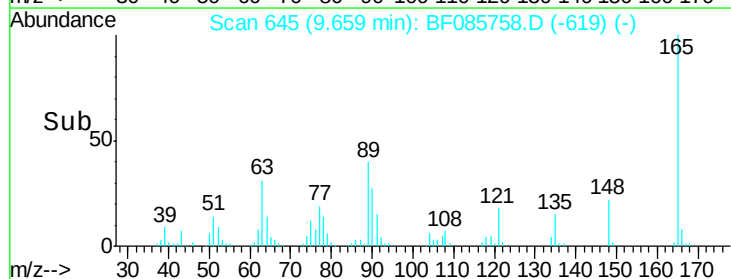
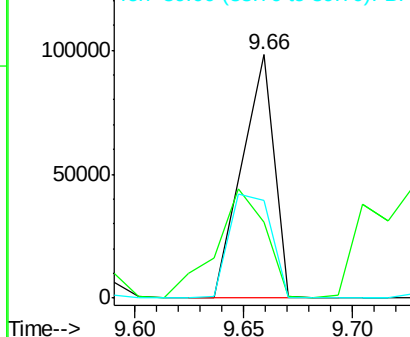


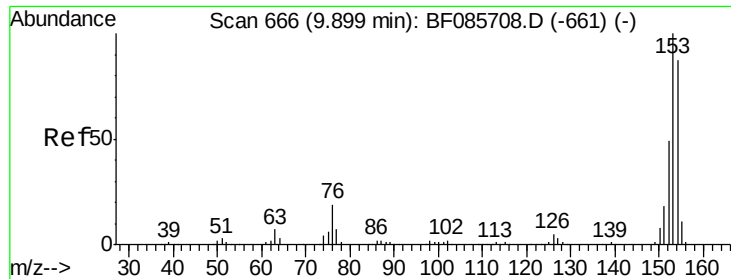
#50
2,6-Dinitrotoluene
Concen: 39.51 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.2	51.8	77.8#
89	40.1	53.7	80.5#



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

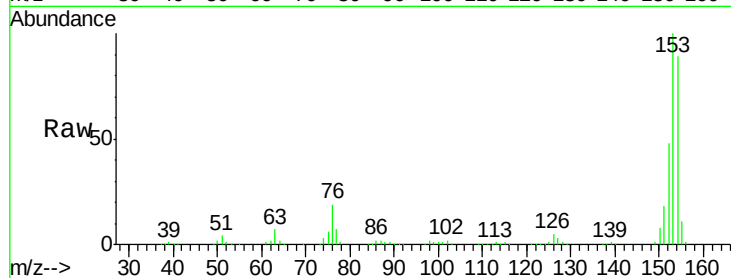




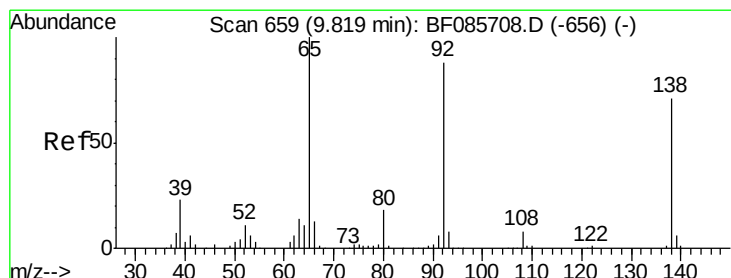
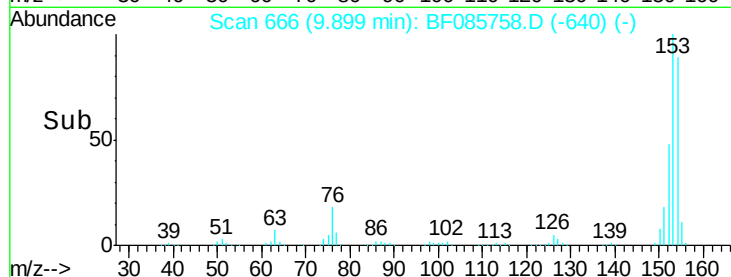
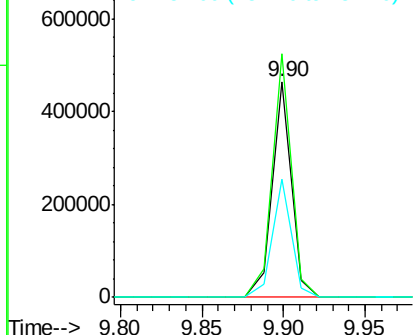
#51
Acenaphthene
Concen: 39.56 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 381449
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 54.7 44.2 66.2

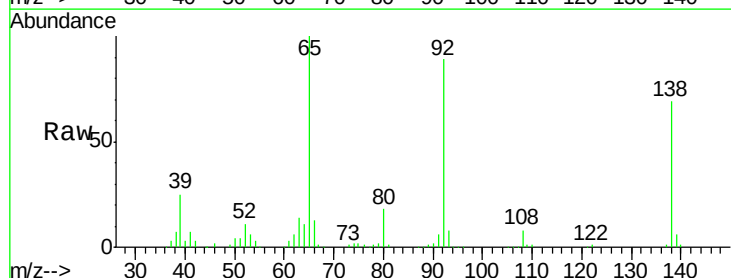


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

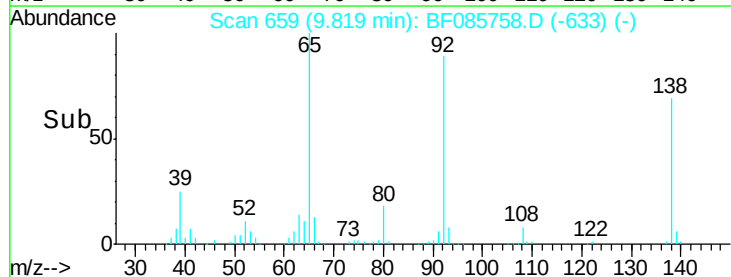
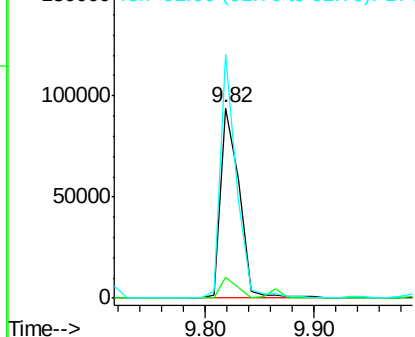


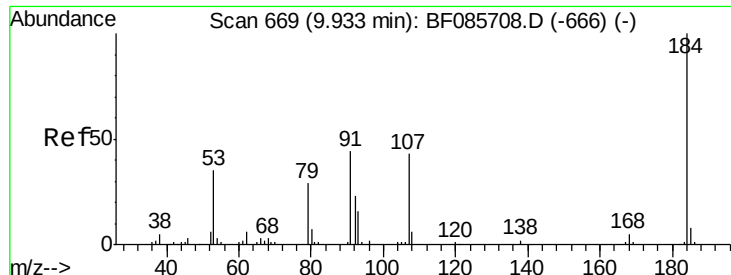
#52
3-Nitroaniline
Concen: 38.44 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:138 Resp: 112191
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 128.1 93.3 139.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

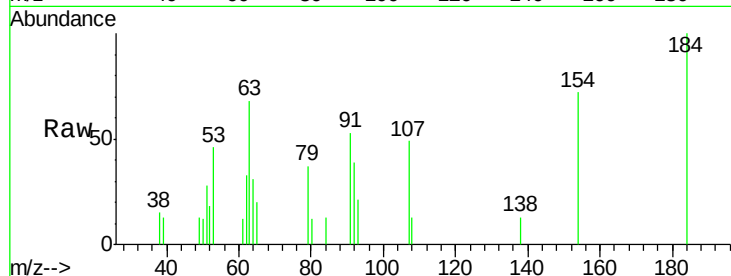




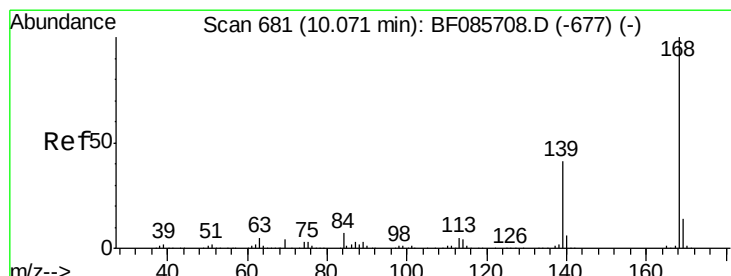
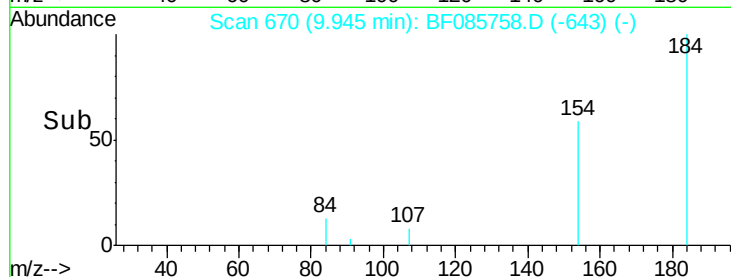
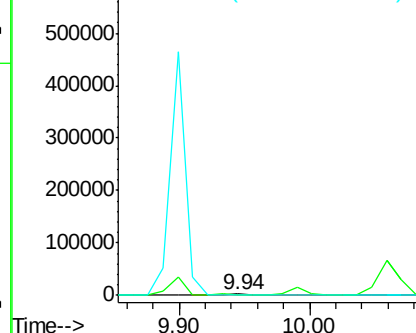
#53
2,4-Dinitrophenol
Concen: 9.94 ng
RT: 9.94 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 5436
Ion Ratio Lower Upper
184 100
63 67.8 69.5 104.3#
154 71.5 58.3 87.5

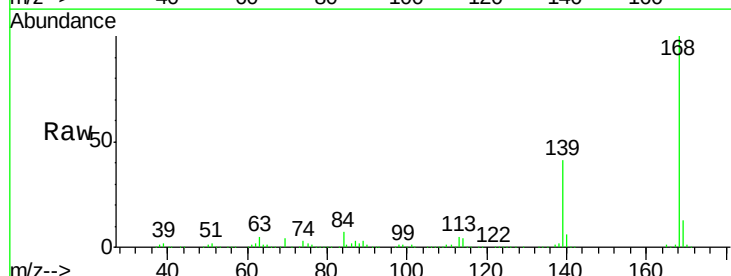


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

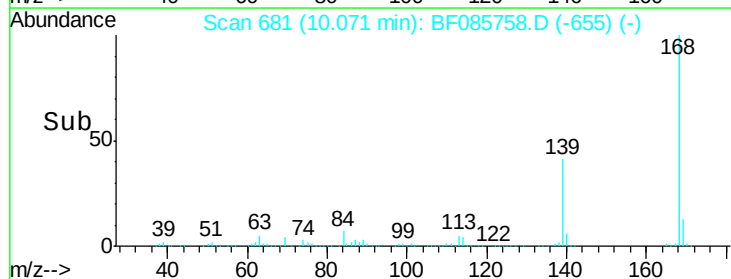
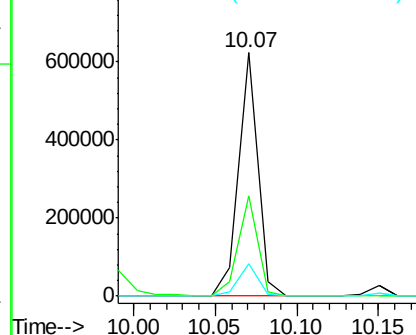


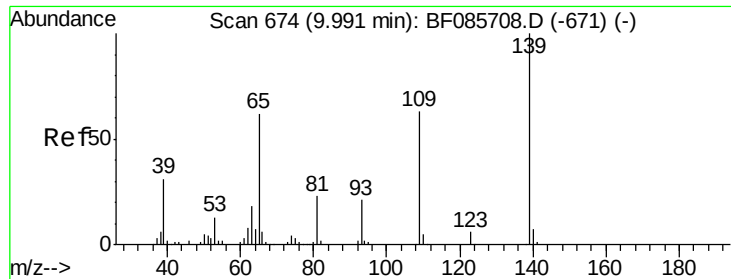
#54
Dibenzofuran
Concen: 40.52 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:168 Resp: 505704
Ion Ratio Lower Upper
168 100
139 41.4 31.9 47.9
169 13.4 11.0 16.6



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

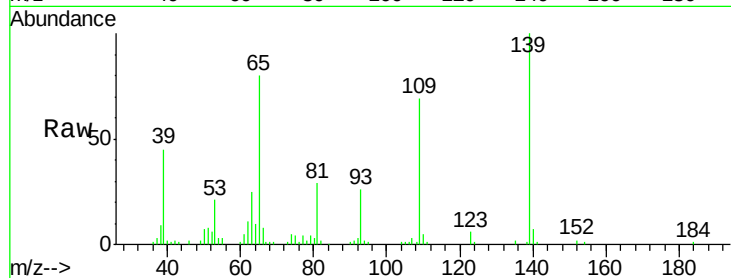




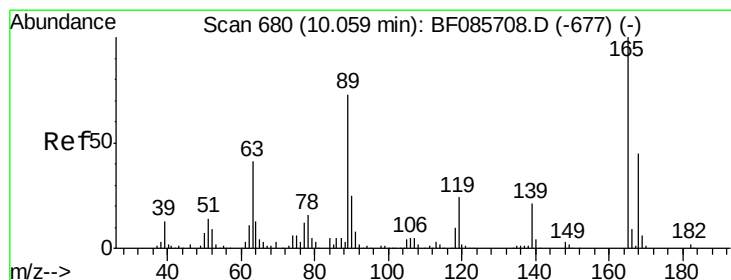
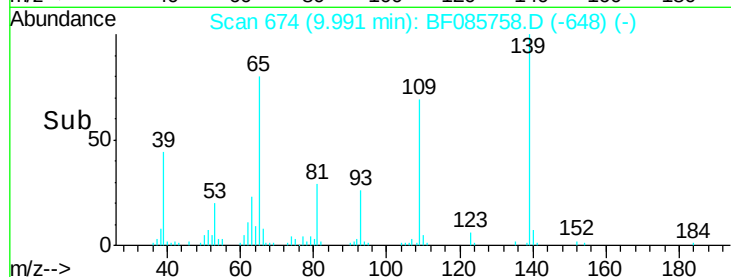
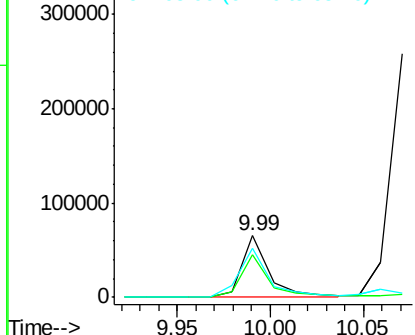
#55
4-Nitrophenol
Concen: 35.38 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 67269
Ion Ratio Lower Upper
139 100
109 69.1 49.2 89.2
65 80.0 66.9 106.9

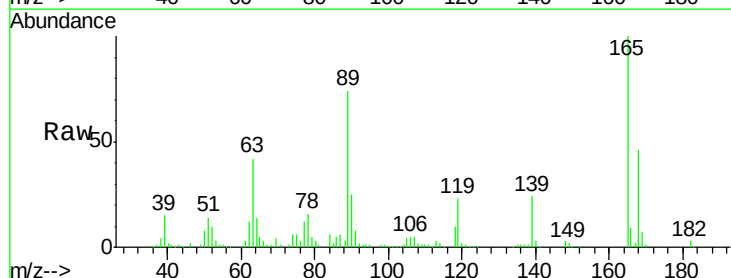


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

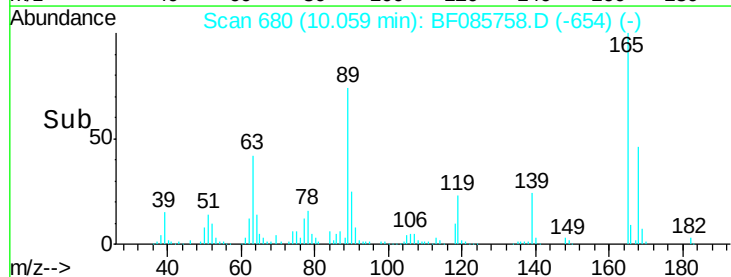
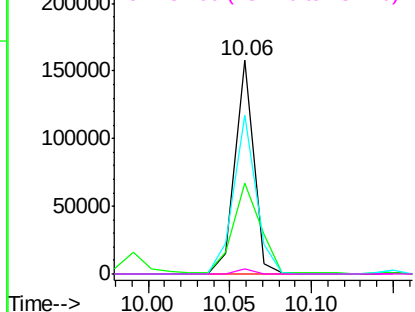


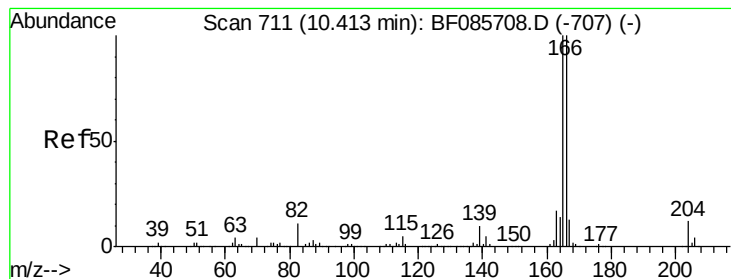
#56
2,4-Dinitrotoluene
Concen: 38.46 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:165 Resp: 124665
Ion Ratio Lower Upper
165 100
63 42.3 24.9 37.3#
89 74.3 41.0 61.6#
182 2.6 2.1 3.1



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





#57

Fluorene

Concen: 40.63 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

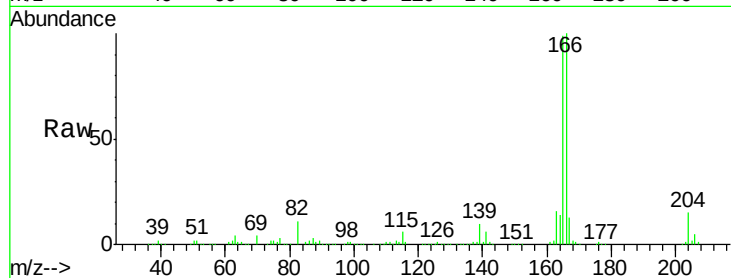
Tot Ion:166 Resp: 421578

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

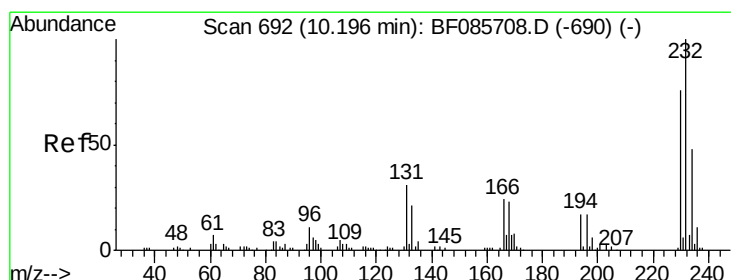
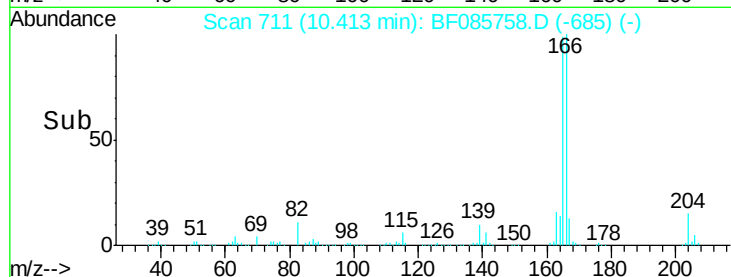
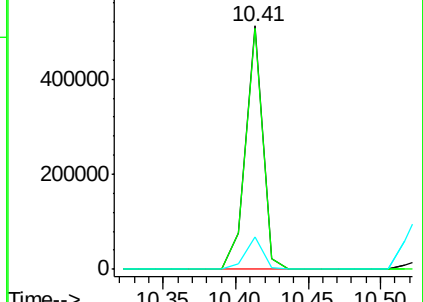
167 13.3 11.0 16.4



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: 34.91 ng

RT: 10.20 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Tgt Ion:232 Resp: 79567

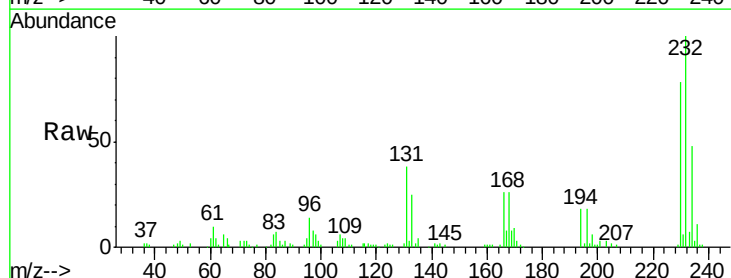
Ion Ratio Lower Upper

232 100

131 54.9 44.9 67.3

130 2.7 2.3 3.5

166 33.1 28.1 42.1

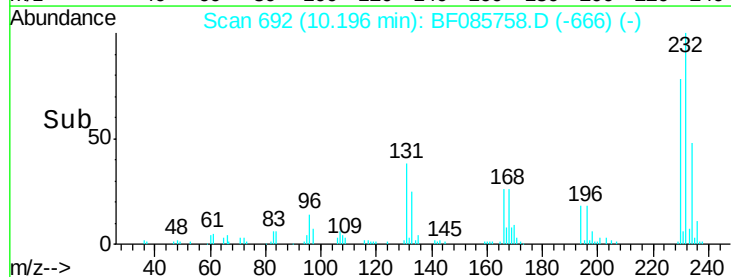
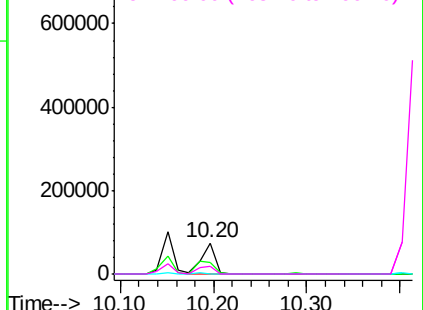


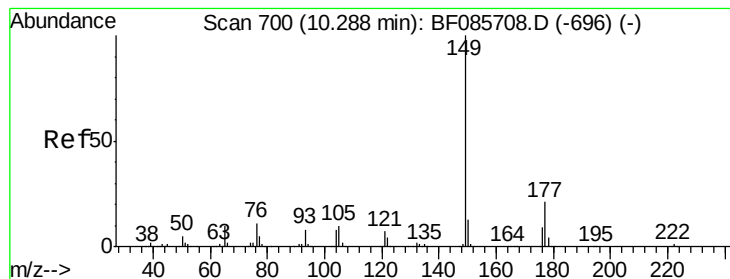
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.31 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

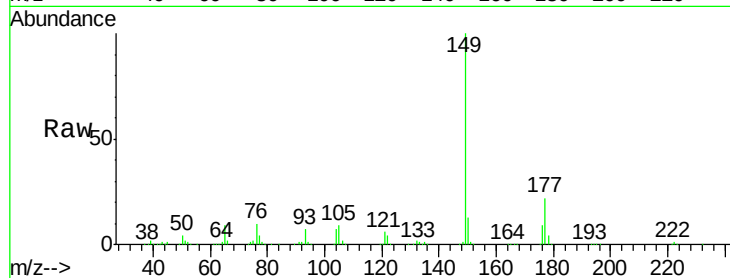
Tot Ion:149 Resp: 495264

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

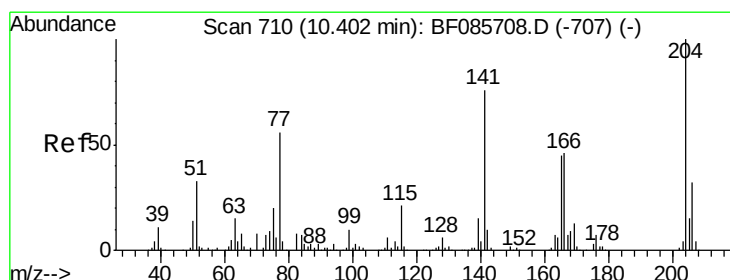
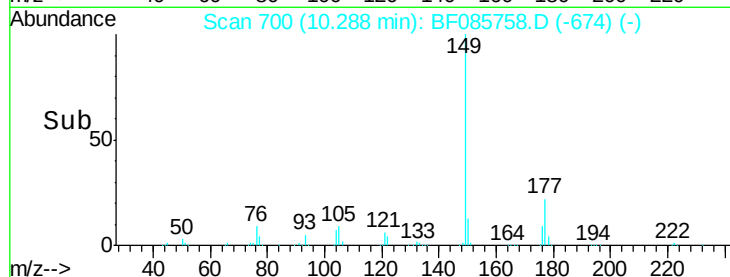
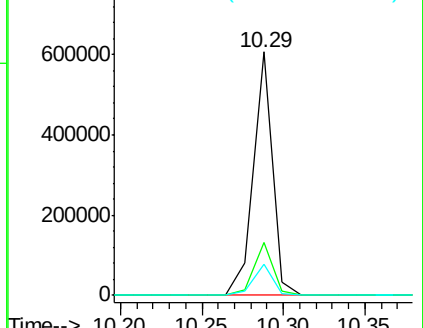
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.12 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

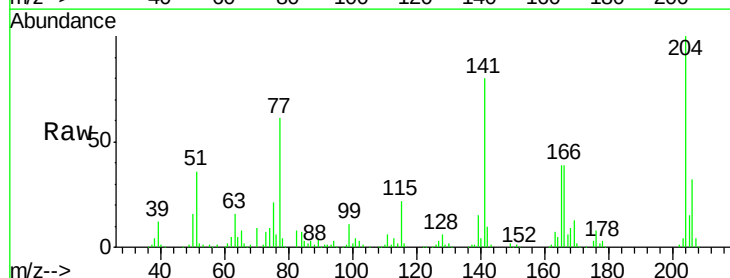
Tgt Ion:204 Resp: 188277

Ion Ratio Lower Upper

204 100

206 31.7 26.6 39.8

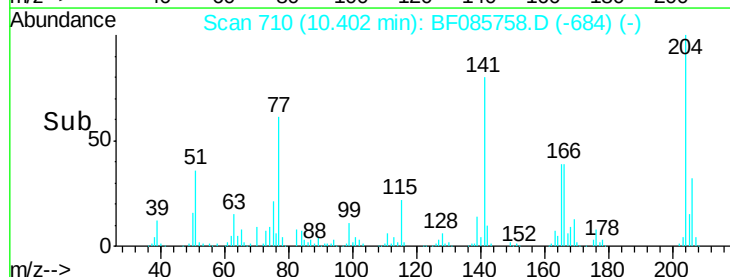
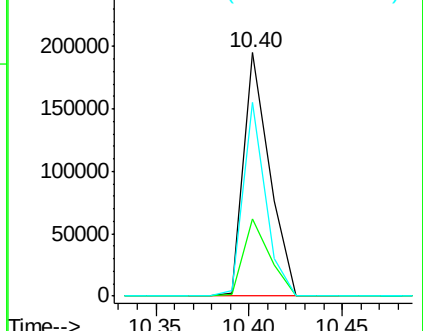
141 79.8 57.4 86.0

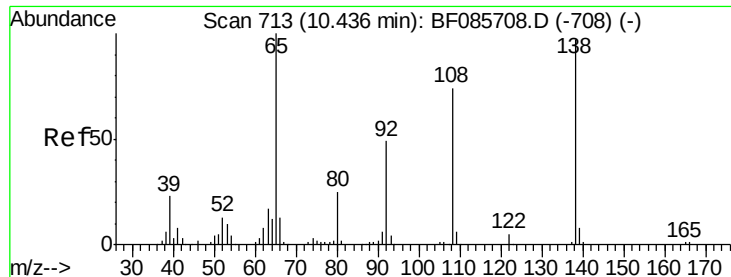


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

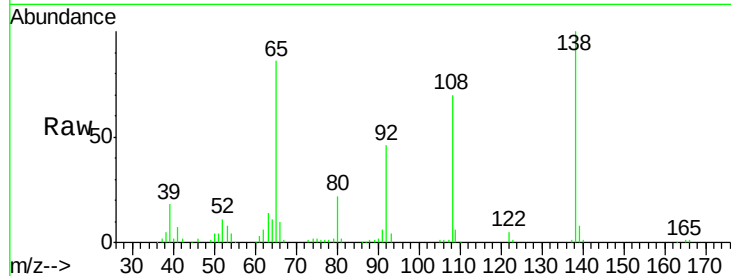




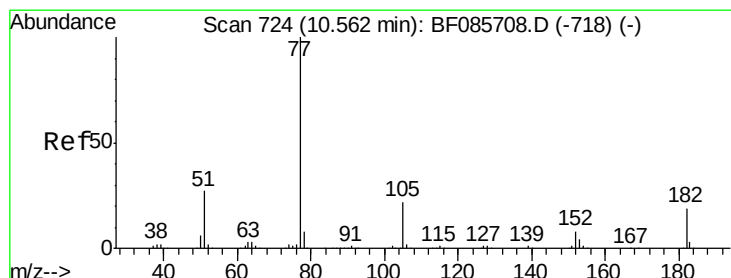
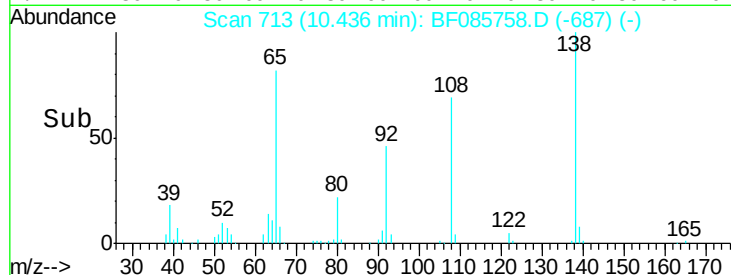
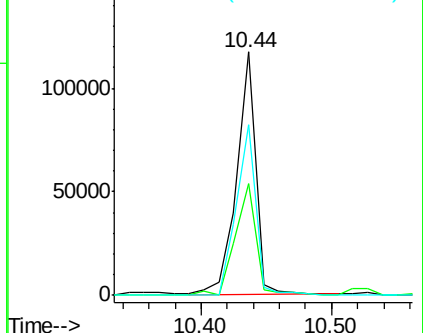
#61
4-Nitroaniline
Concen: 42.58 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 118884
Ion Ratio Lower Upper
138 100
92 45.7 26.4 66.4
108 69.9 49.0 89.0

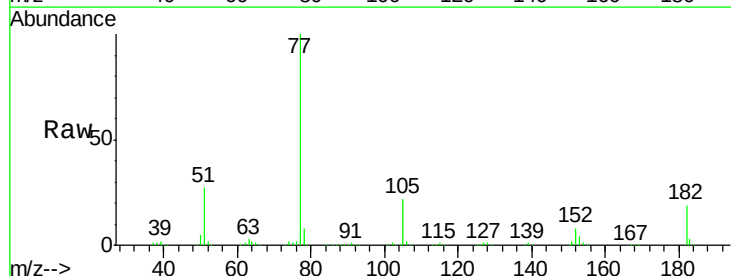


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

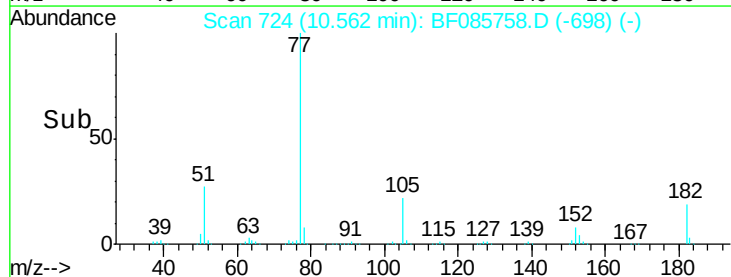
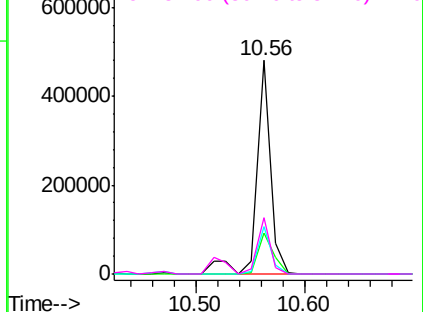


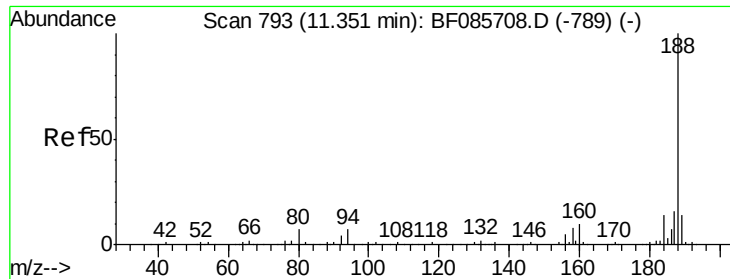
#62
Azobenzene
Concen: 39.05 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion: 77 Resp: 439195
Ion Ratio Lower Upper
77 100
182 18.9 1.9 41.9
105 22.1 3.5 43.5
51 26.6 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

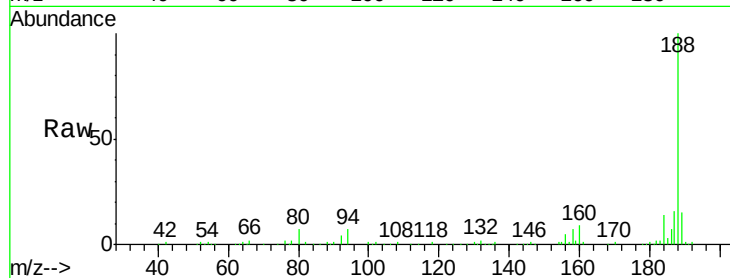




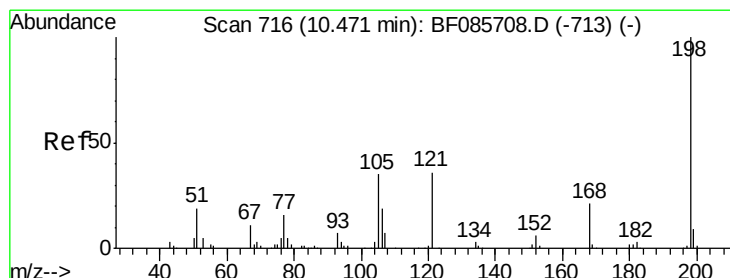
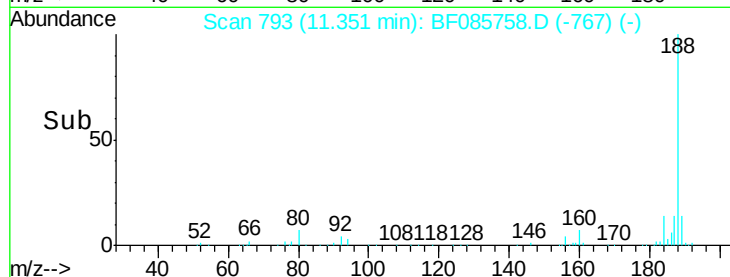
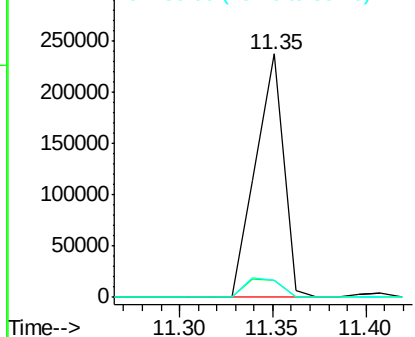
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 245926
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.0 5.5 8.3

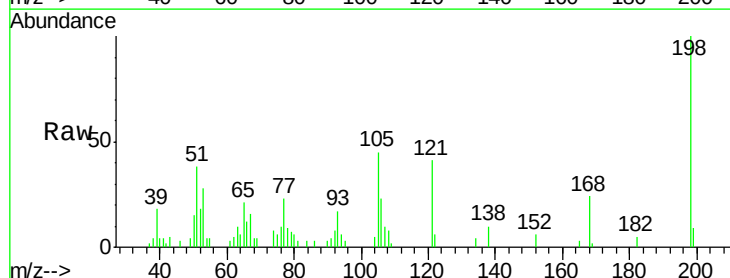


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

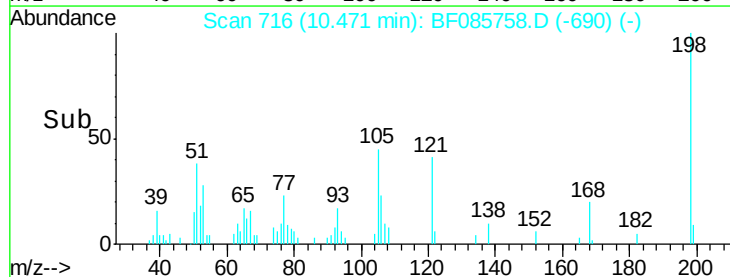
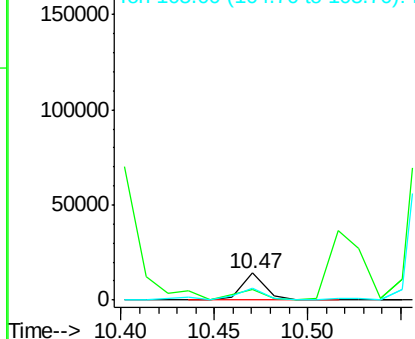


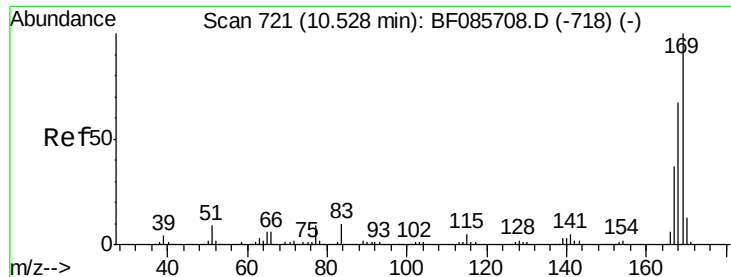
#64
4,6-Dinitro-2-methylphenol
Concen: 8.63 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:198 Resp: 12435
Ion Ratio Lower Upper
198 100
51 37.7 45.4 85.4#
105 44.6 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

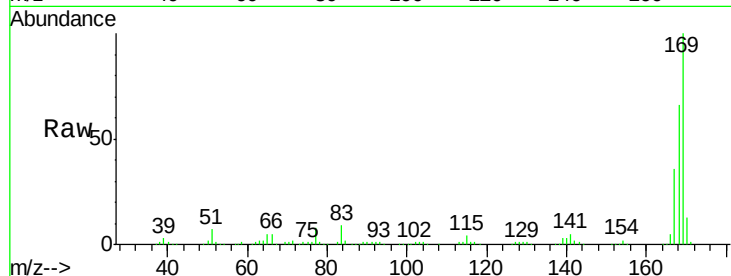




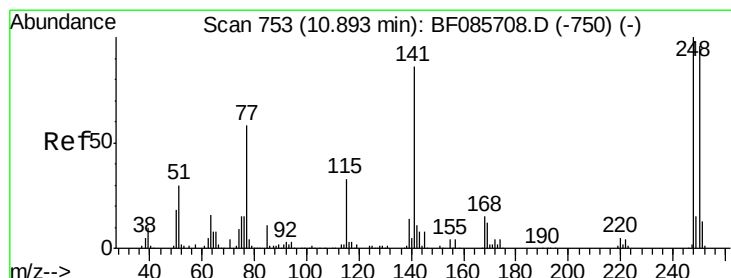
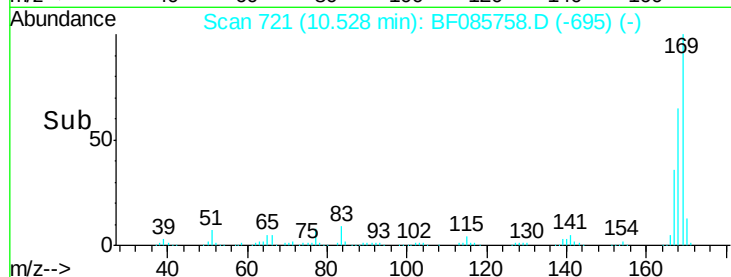
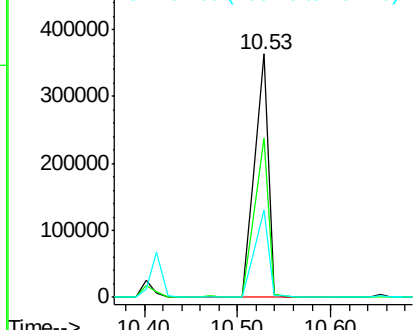
#65
 n-Nitrosodiphenylamine
 Concen: 47.30 ng
 RT: 10.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 368445
 Ion Ratio Lower Upper
 169 100
 168 65.5 54.4 81.6
 167 35.7 29.4 44.0

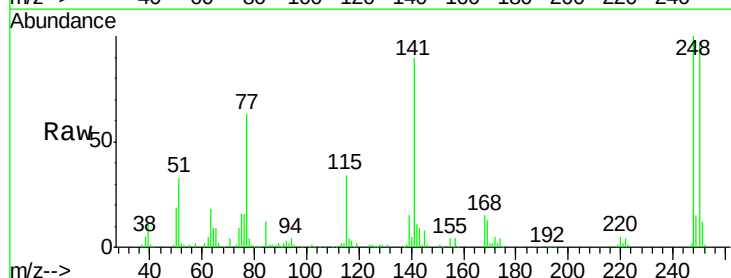


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

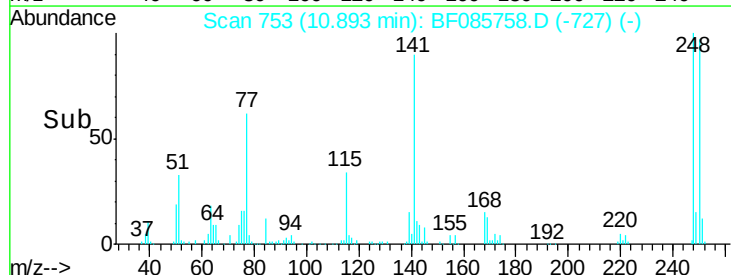
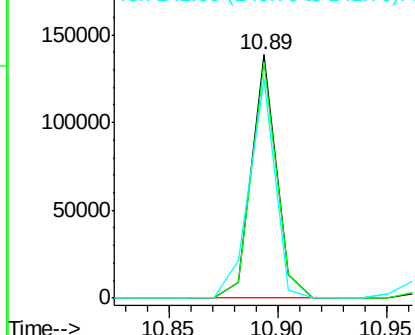


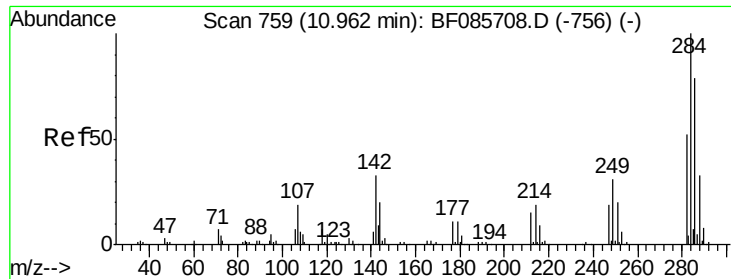
#66
 4-Bromophenyl-phenylether
 Concen: 43.95 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion:248 Resp: 110589
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.4 116.0
 141 90.3 63.6 95.4



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.97 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

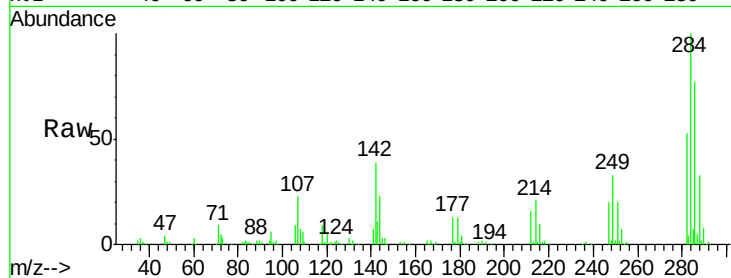
Tot Ion:284 Resp: 113062

Ion Ratio Lower Upper

284 100

142 38.7 23.1 34.7#

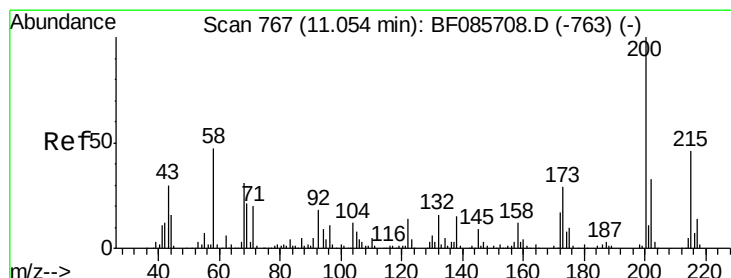
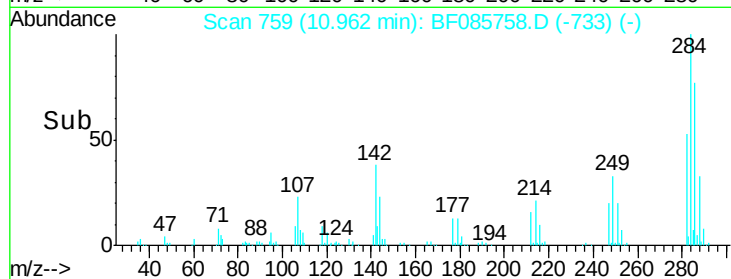
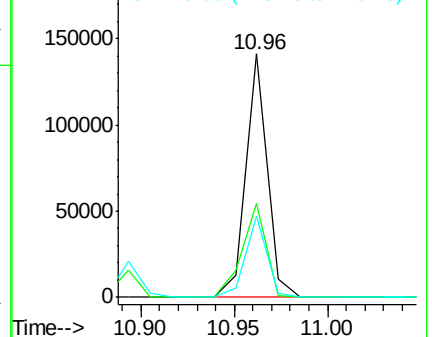
249 33.1 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.81 ng

RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

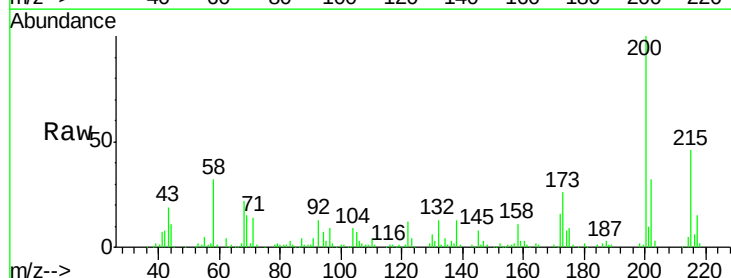
Tgt Ion:200 Resp: 117836

Ion Ratio Lower Upper

200 100

173 26.3 7.7 47.7

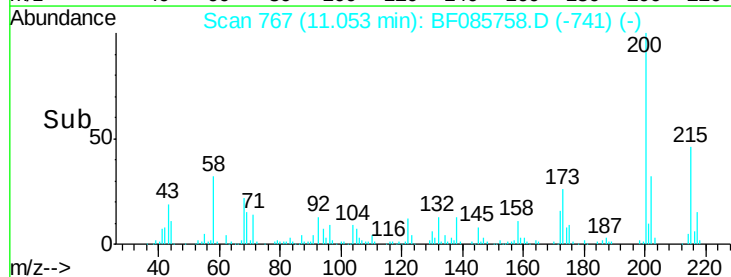
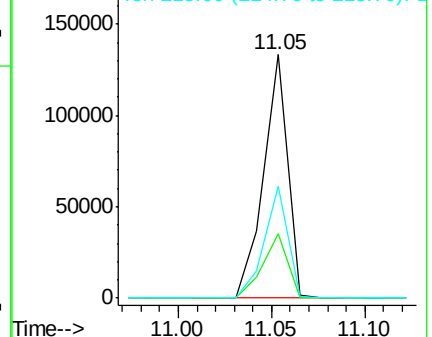
215 46.1 25.4 65.4

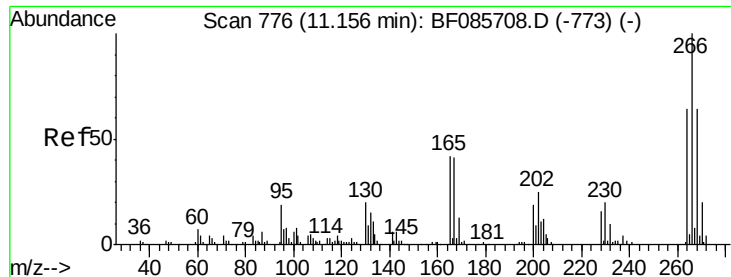


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

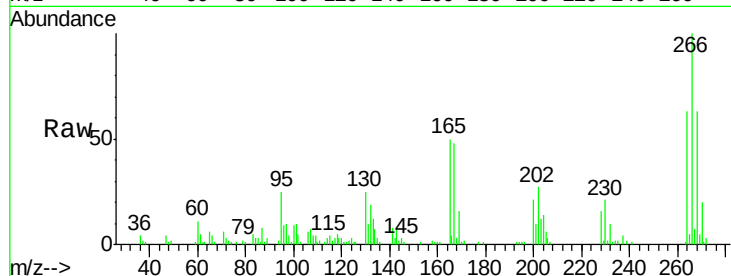




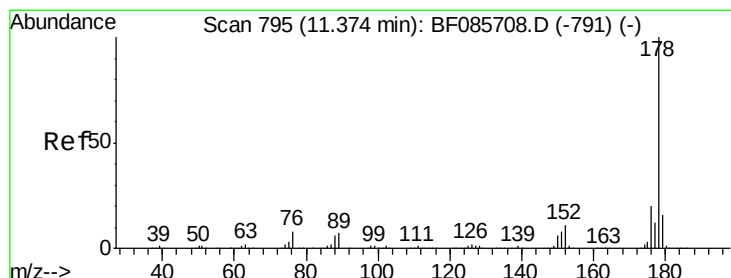
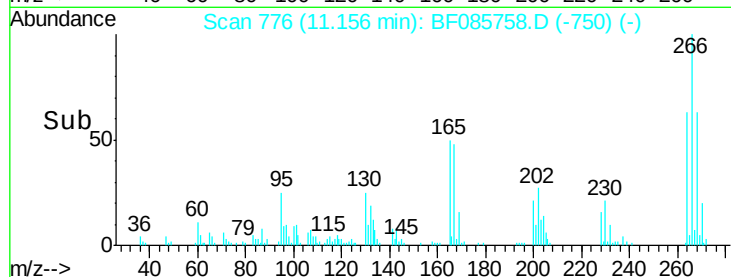
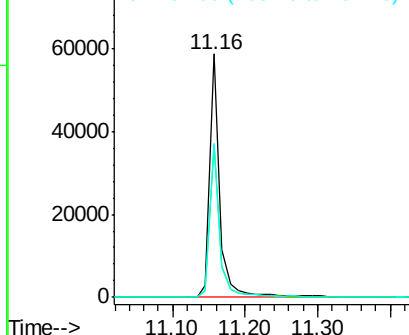
#69
 Pentachlorophenol
 Concen: 44.23 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 57138
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.5 77.3
 264 63.4 50.6 76.0

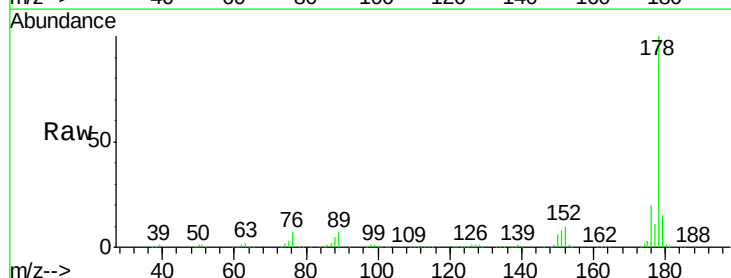


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

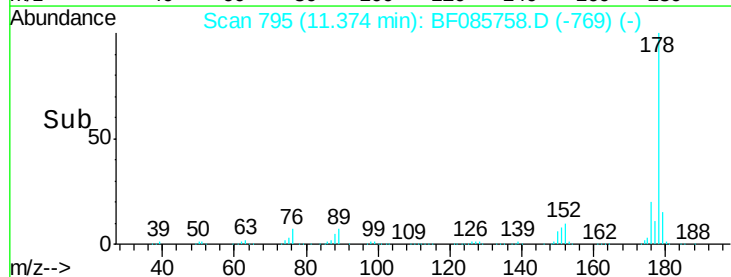
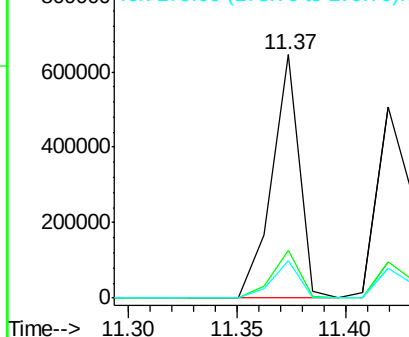


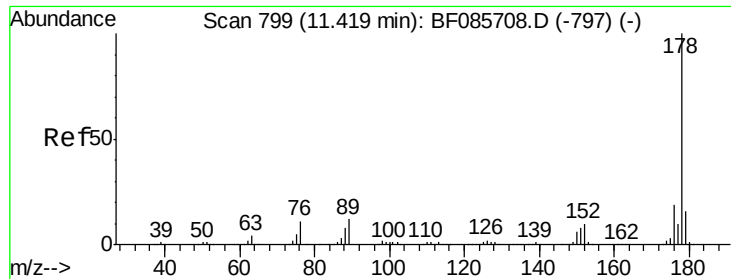
#70
 Phenanthrene
 Concen: 45.29 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion:178 Resp: 571899
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.4 12.6 18.8



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

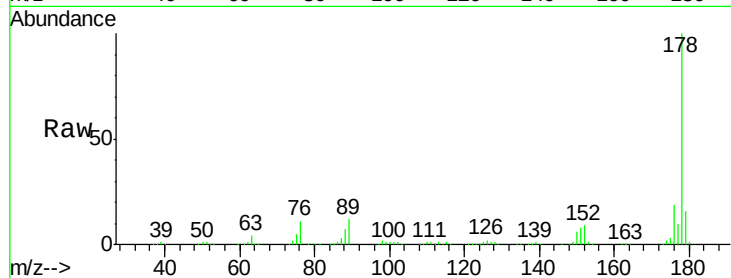




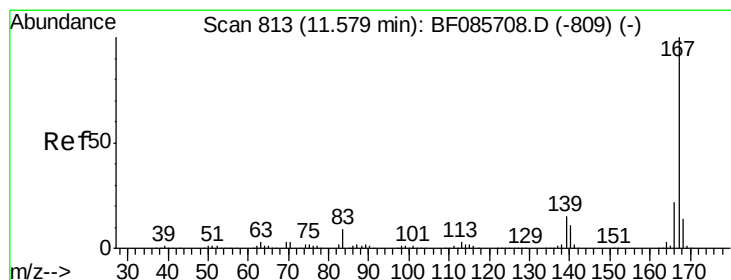
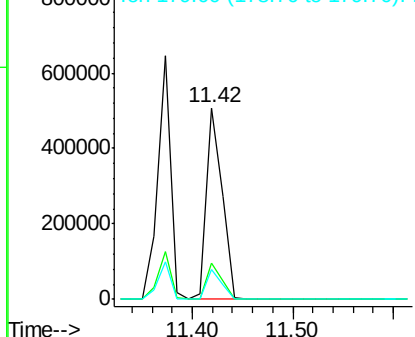
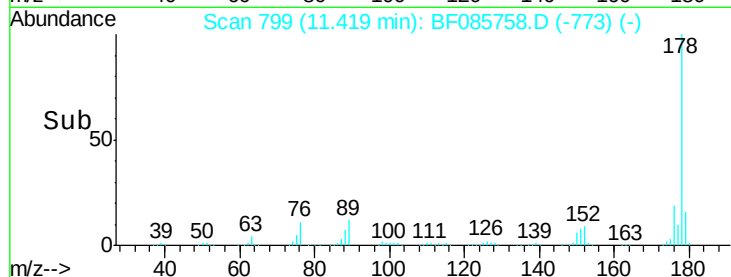
#71
 Anthracene
 Concen: 41.69 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 552698
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.6 13.0 19.4

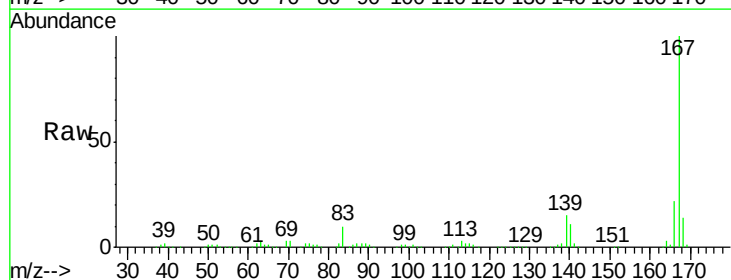


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

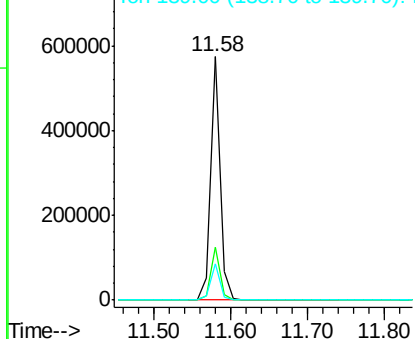
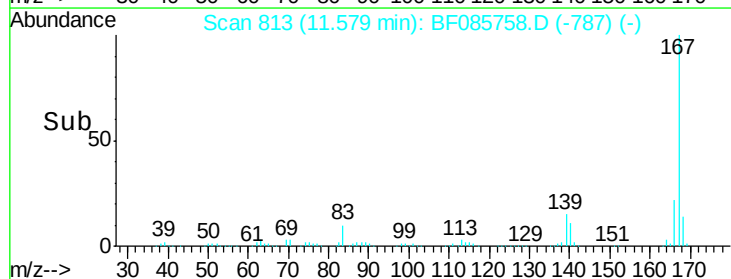


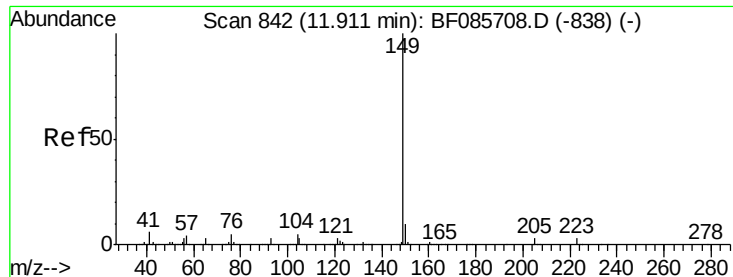
#72
 Carbazole
 Concen: 43.36 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion:167 Resp: 482594
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 15.0 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 44.61 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampled :

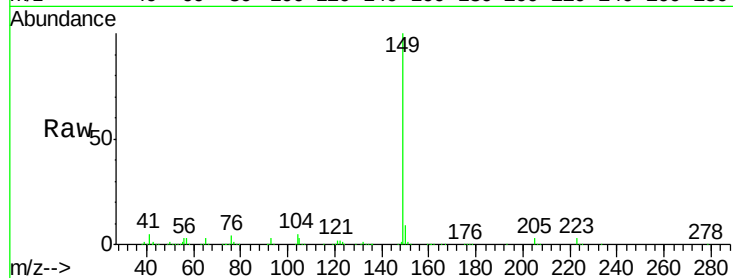
Tot Ion:149 Resp: 681325

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

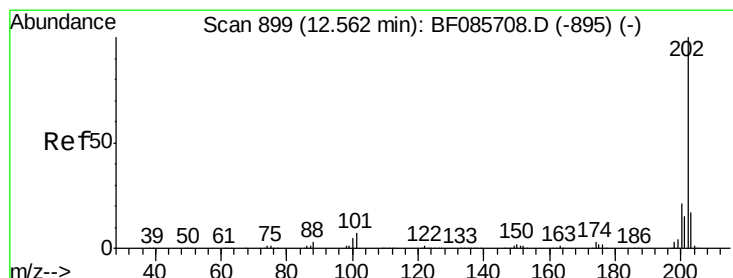
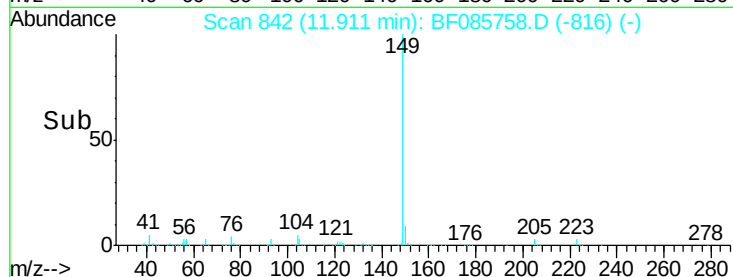
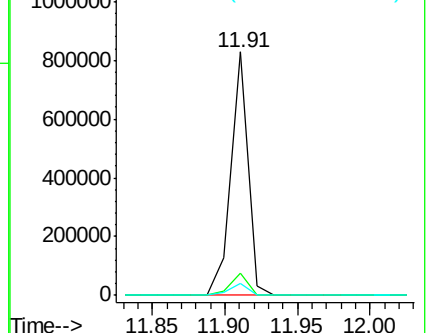
104 4.8 3.8 5.8



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: 40.60 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

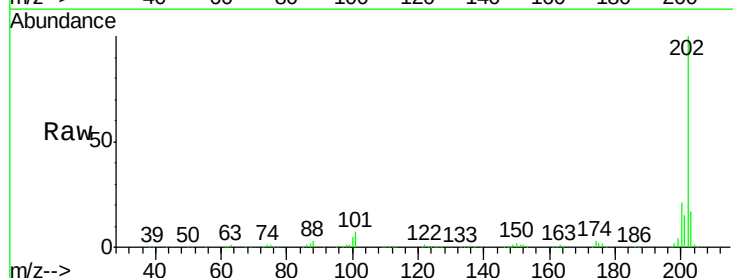
Tgt Ion:202 Resp: 544896

Ion Ratio Lower Upper

202 100

101 7.2 0.0 36.6

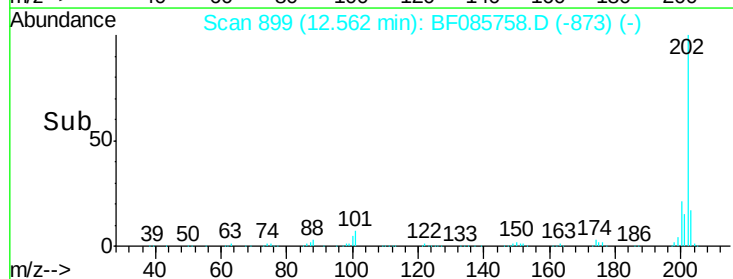
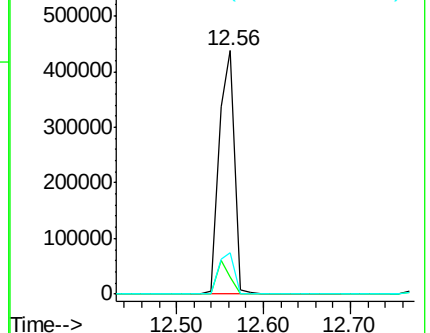
203 16.8 0.0 38.1

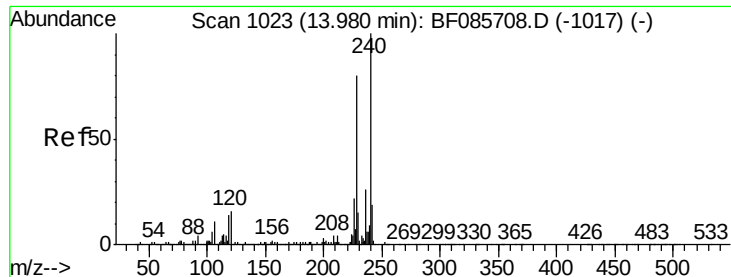


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

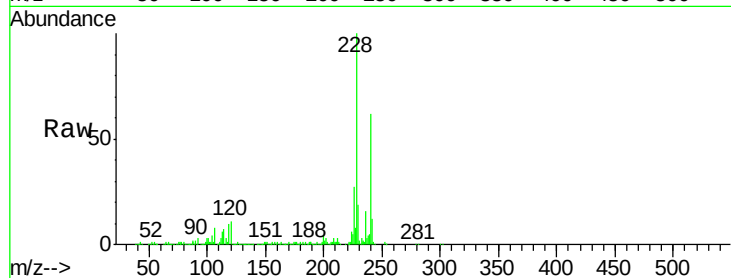
Tot Ion:240 Resp: 207040

Ion Ratio Lower Upper

240 100

120 18.2 13.8 20.8

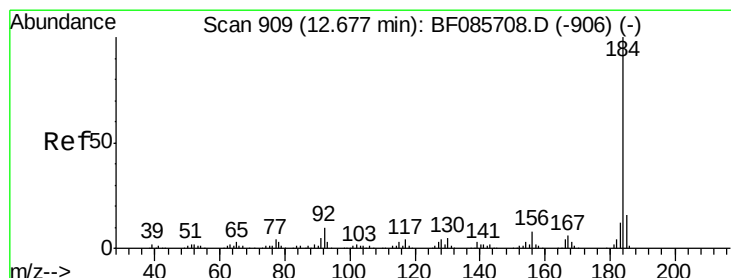
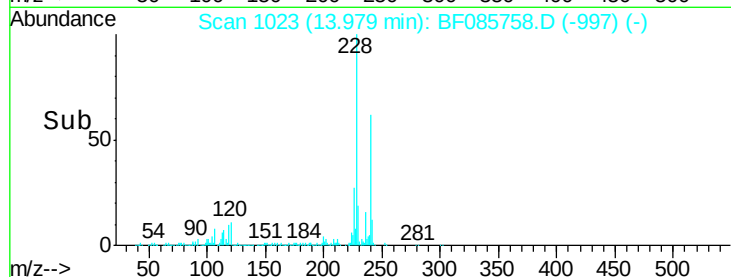
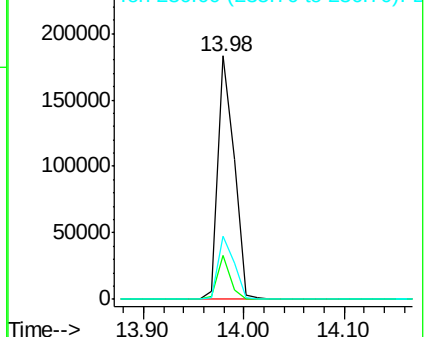
236 26.1 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.30 ng

RT: 12.69 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

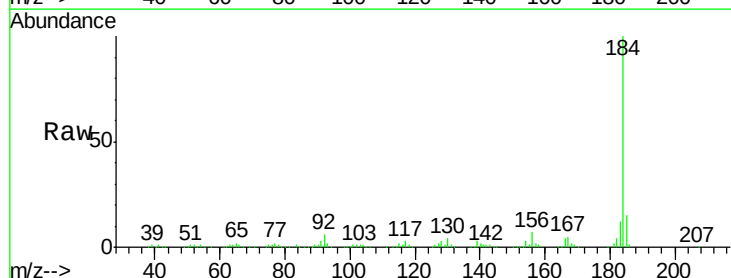
Tgt Ion:184 Resp: 344910

Ion Ratio Lower Upper

184 100

185 15.1 12.4 18.6

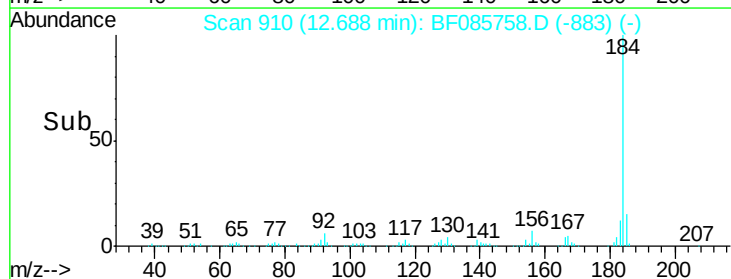
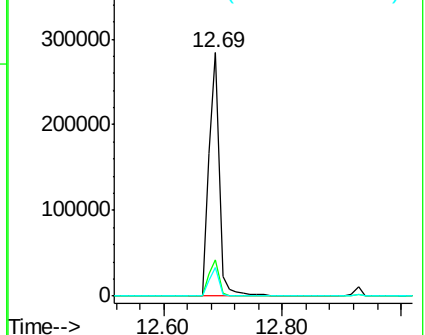
183 11.6 9.4 14.2

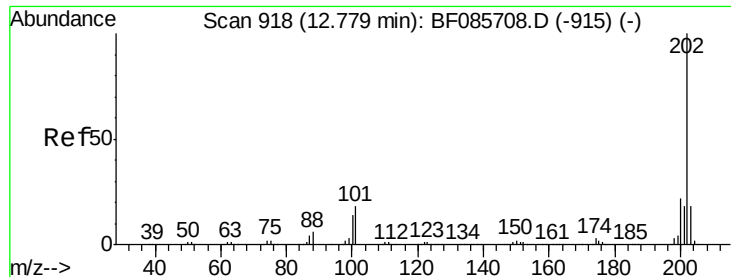


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.40 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

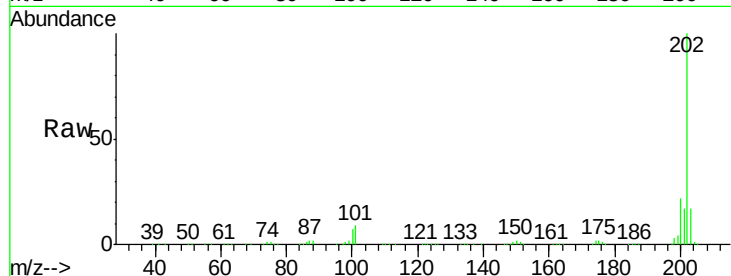
Tot Ion:202 Resp: 568430

Ion Ratio Lower Upper

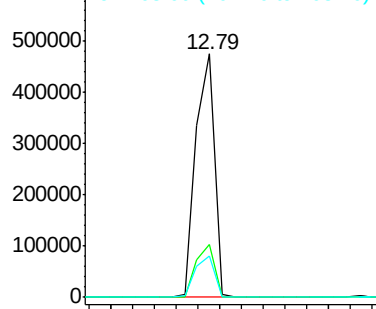
202 100

200 21.7 17.6 26.4

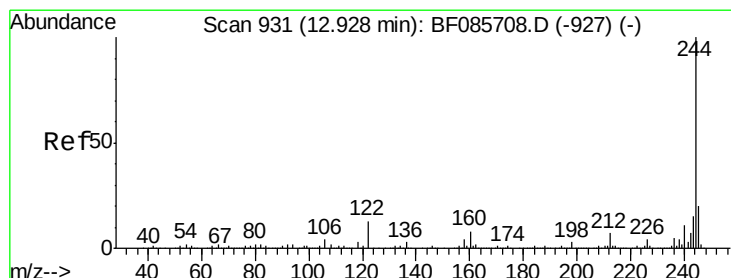
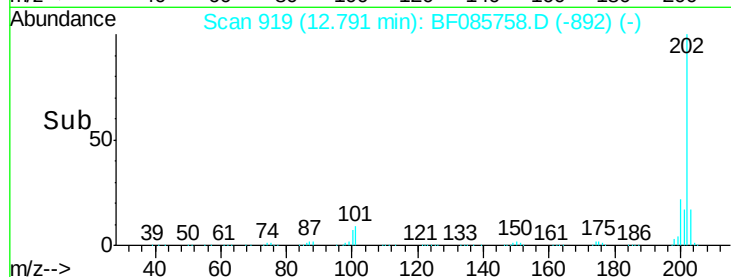
203 17.0 14.0 21.0



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



Time-->



#78

Terphenyl-d14

Concen: 65.45 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

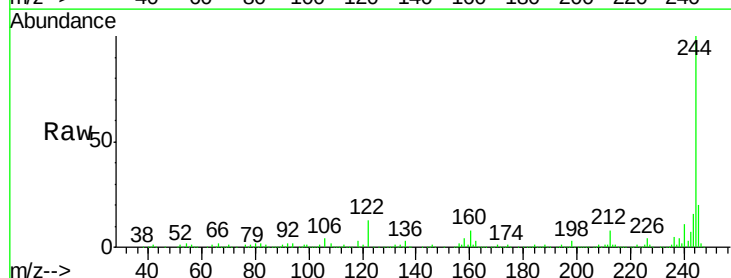
Tgt Ion:244 Resp: 658873

Ion Ratio Lower Upper

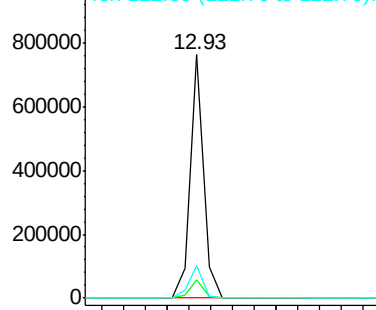
244 100

212 7.6 6.1 9.1

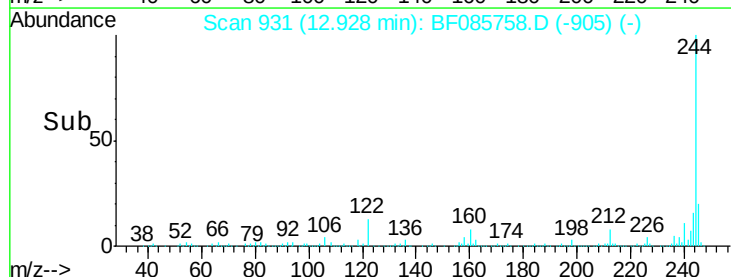
122 13.4 10.2 15.4

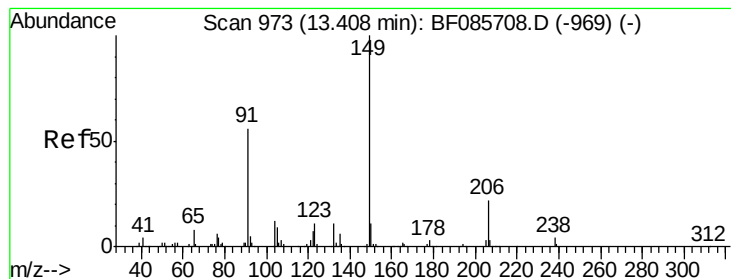


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 39.17 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

Instrument :

BNA_F

ClientSampleId :

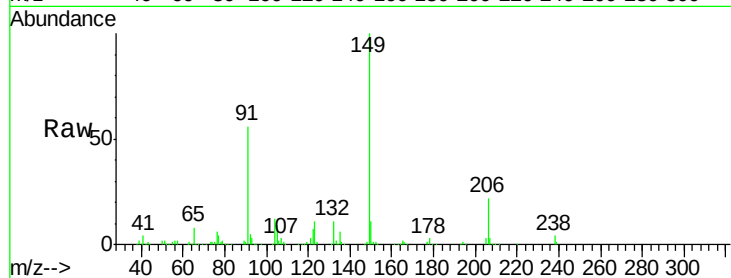
Tot Ion:149 Resp: 279139

Ion Ratio Lower Upper

149 100

91 56.2 45.8 68.8

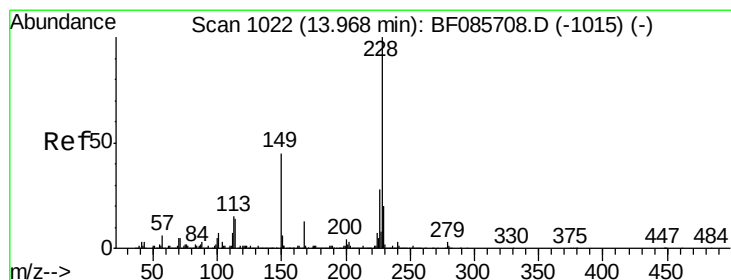
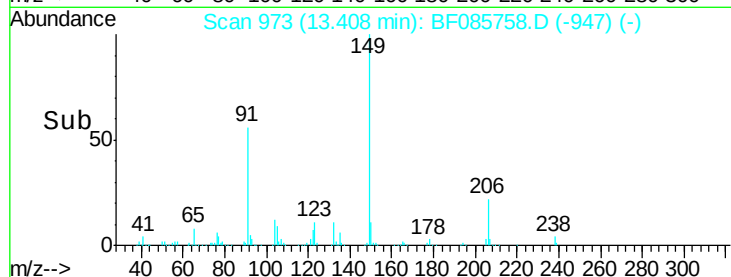
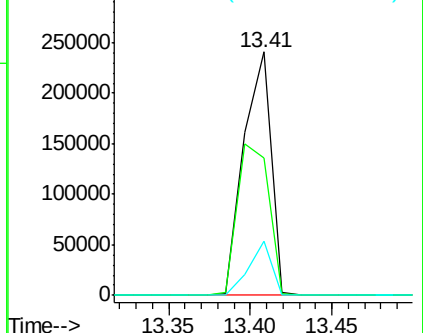
206 22.0 17.8 26.8



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: 41.41 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085758.D

Acq: 25 Mar 2016 12:46

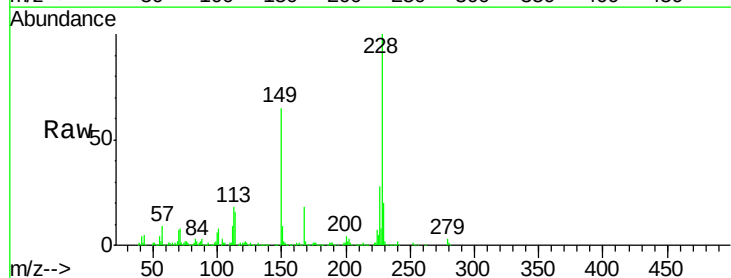
Tgt Ion:228 Resp: 488881

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

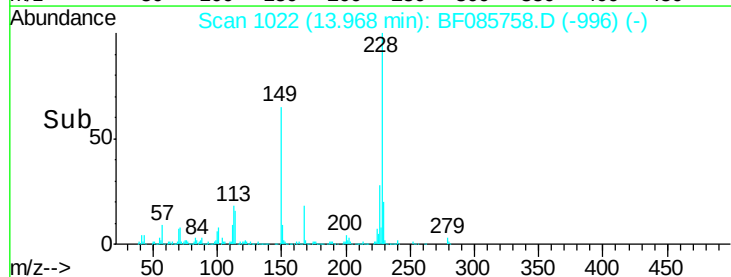
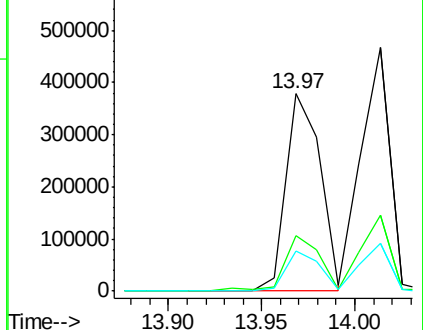
229 20.1 16.2 24.4

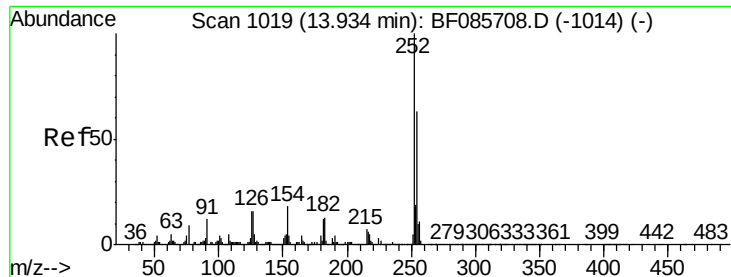


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

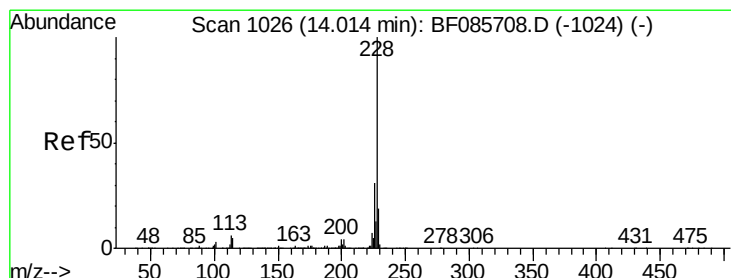
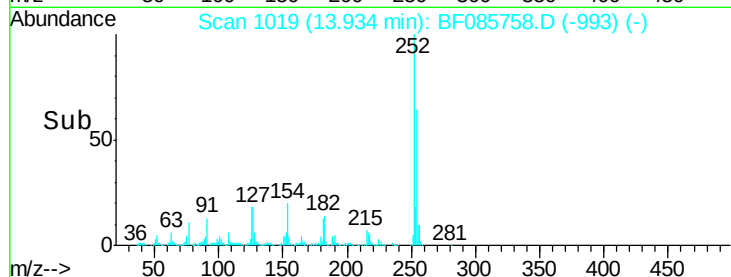
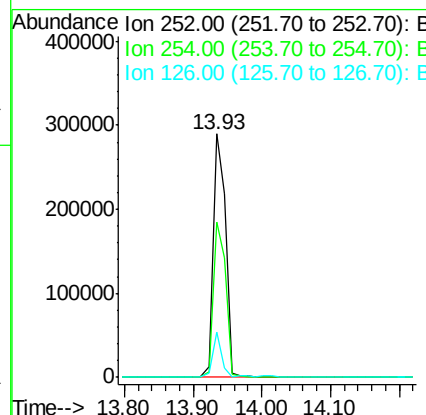
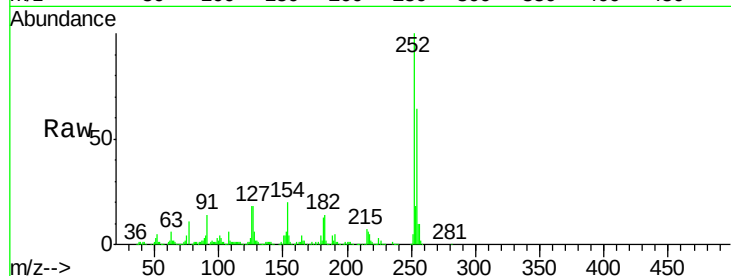




#81
 3,3'-Dichlorobenzidine
 Concen: 44.90 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

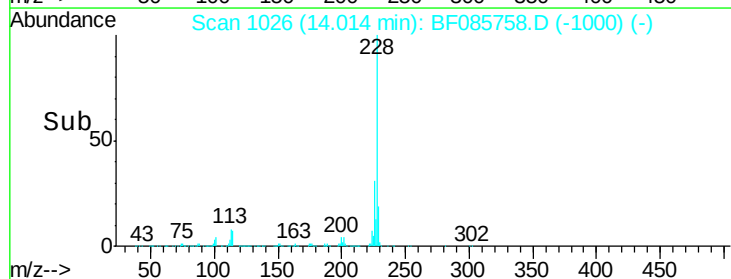
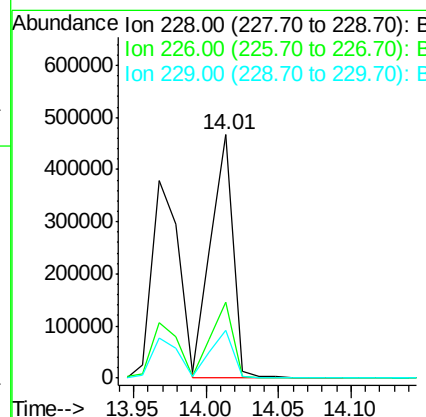
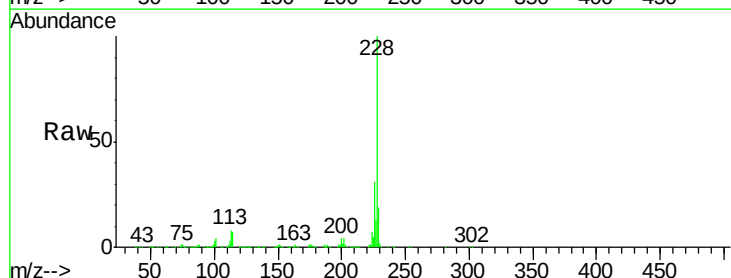
Instrument :
 BNA_F
 ClientSampleId :

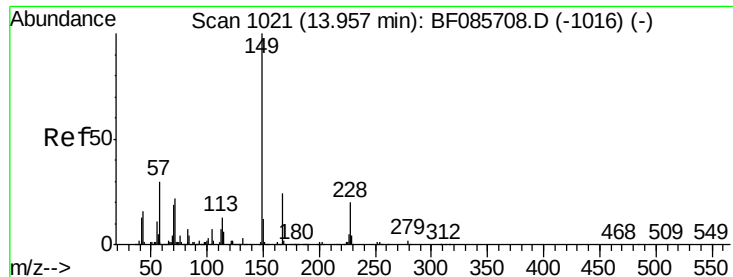
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.7	76.1
126	18.3	11.8	17.6



#82
 Chrysene
 Concen: 42.06 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.5	15.7	23.5

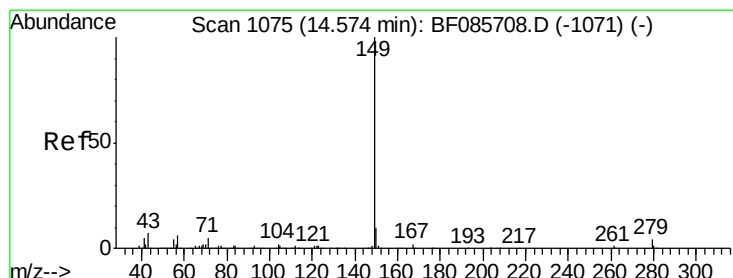
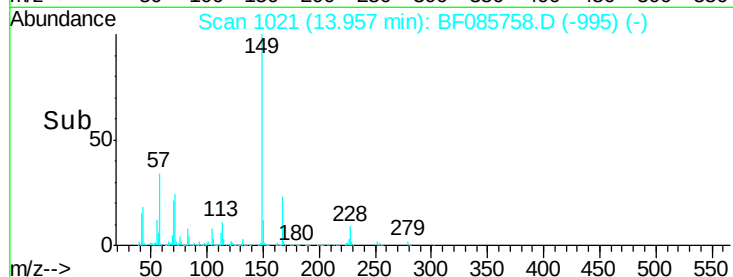
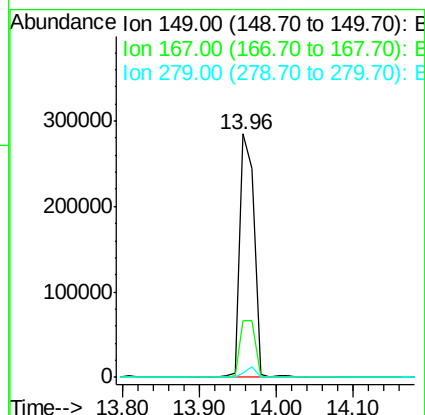
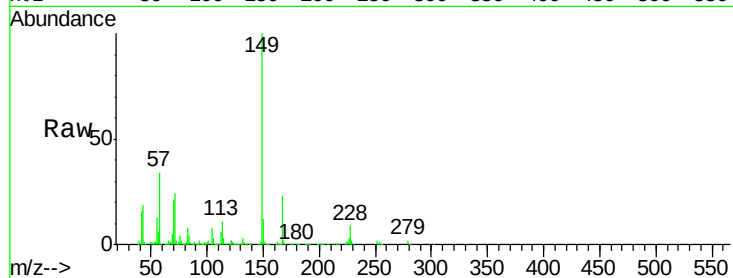




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.21 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

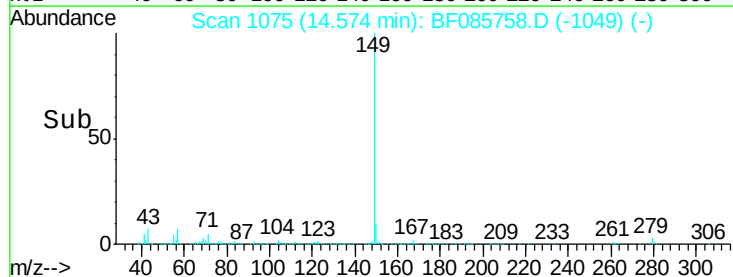
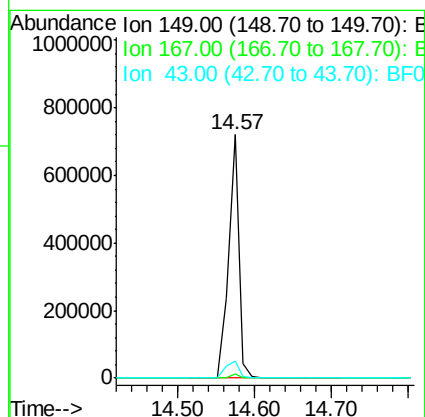
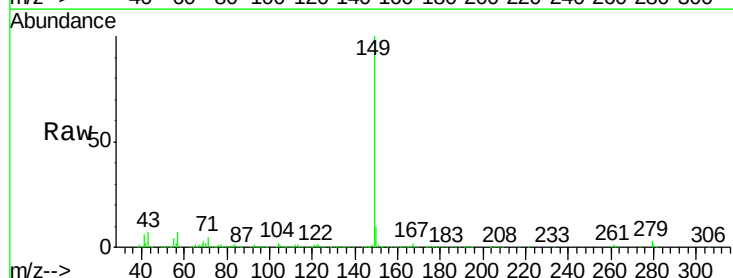
Instrument :
 BNA_F
 ClientSampleId :

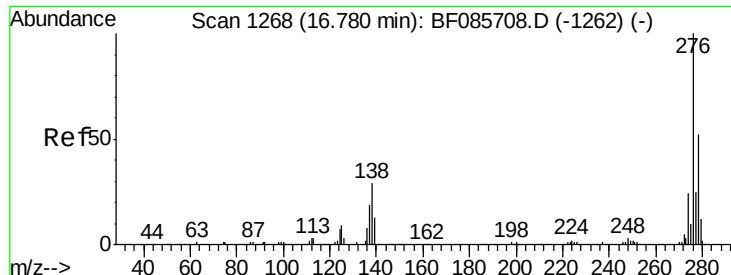
Tot Ion:149 Resp: 377247
 Ion Ratio Lower Upper
 149 100
 167 23.4 19.4 29.2
 279 1.7 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 54.49 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion:149 Resp: 691379
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.7 7.1 10.7

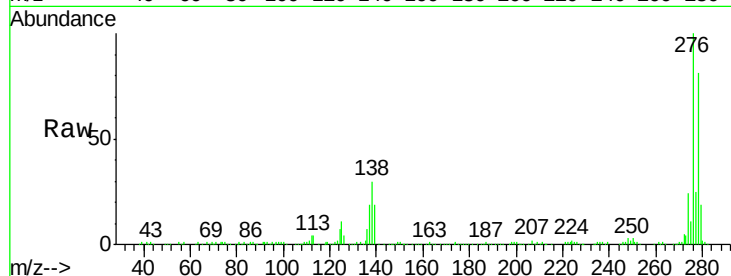




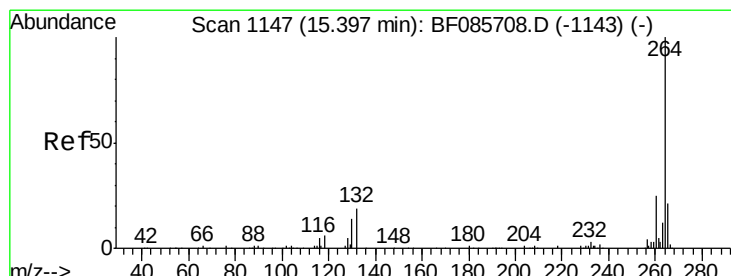
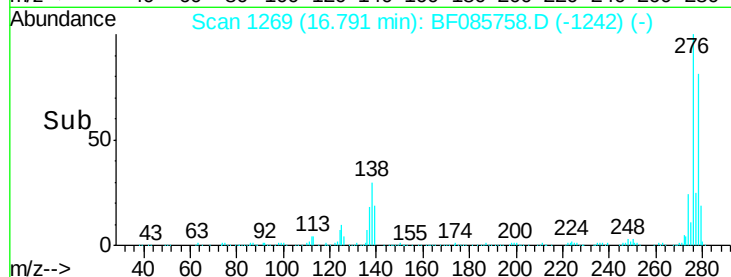
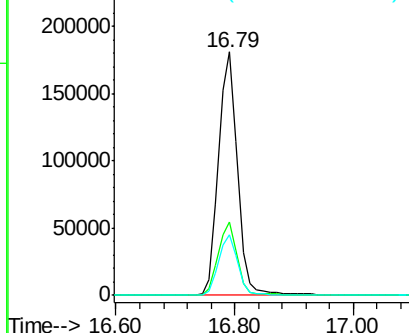
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.03 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	24.2	36.4
277	25.6	20.0	30.0

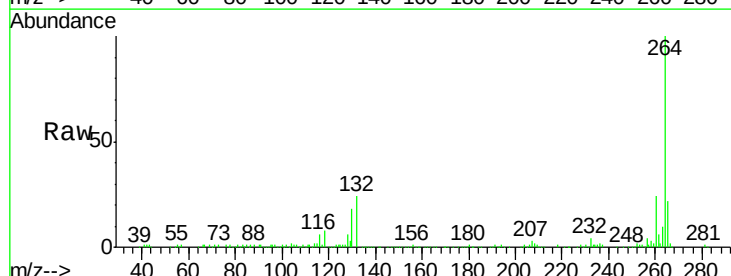


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

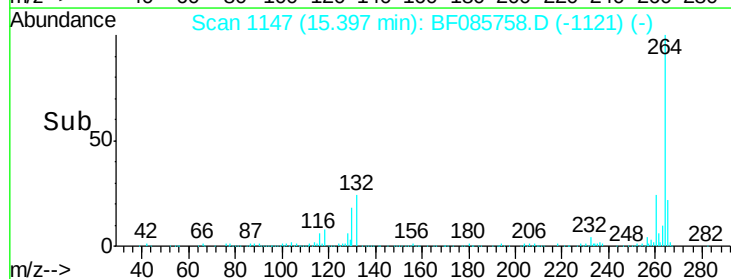
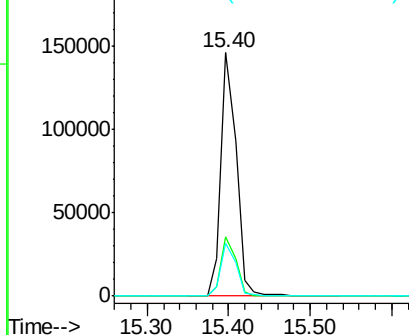


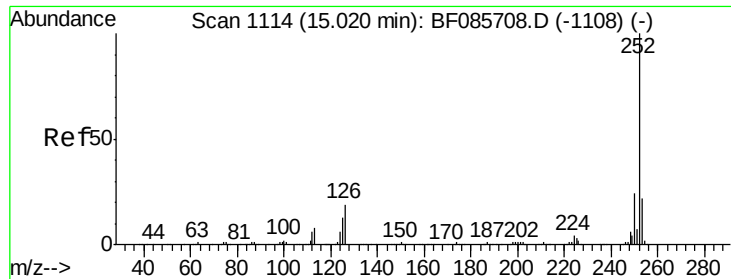
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

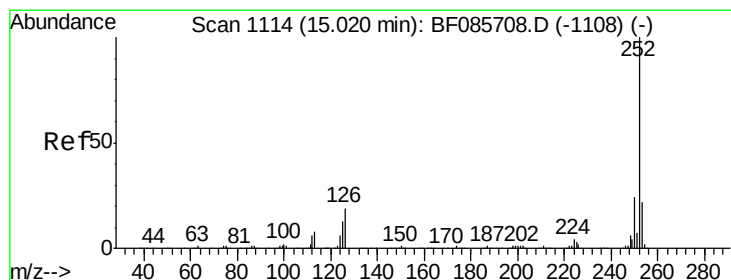
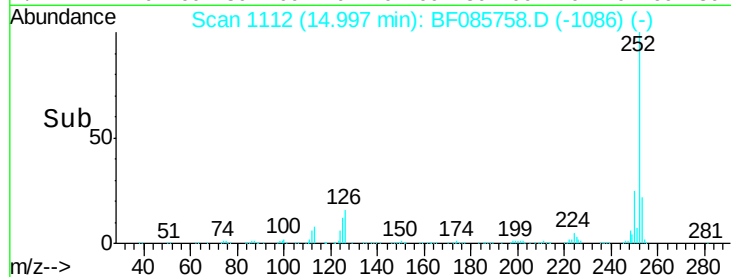
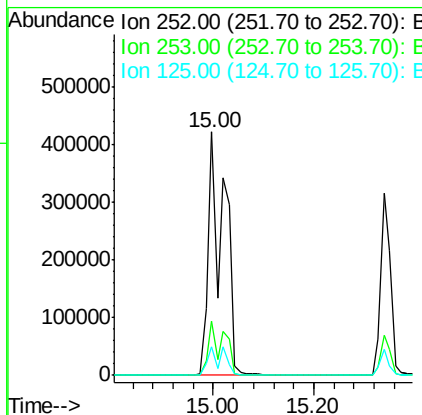
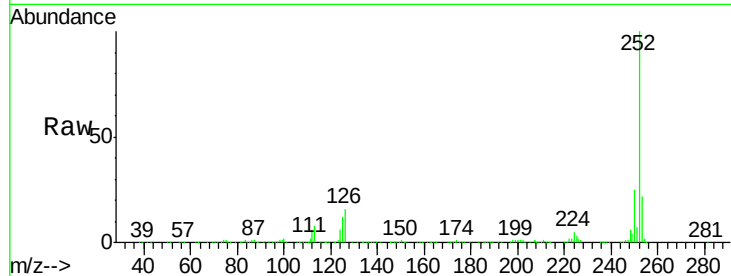




#87
Benzo(b)fluoranthene
Concen: 77.27 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

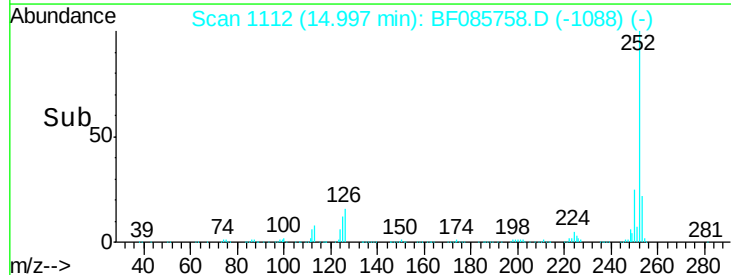
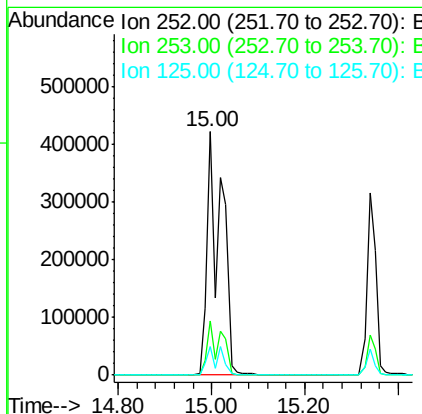
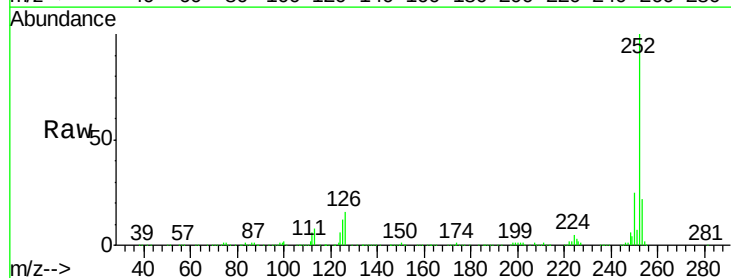
Instrument :
BNA_F
ClientSampleId :

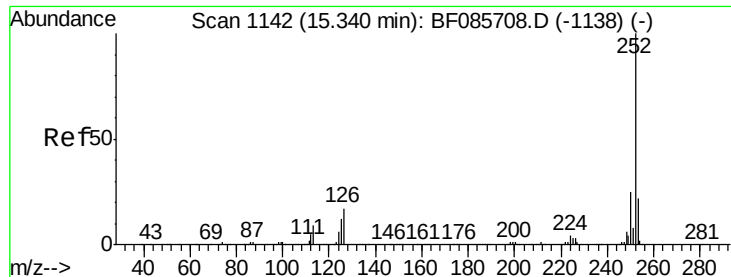
Tot Ion:252 Resp: 930148
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.8 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 85.77 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:252 Resp: 930776
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.8 7.7 11.5#

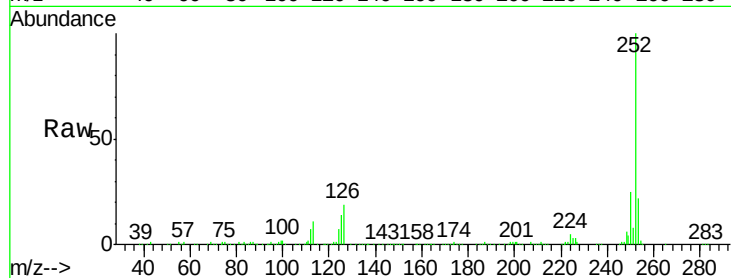




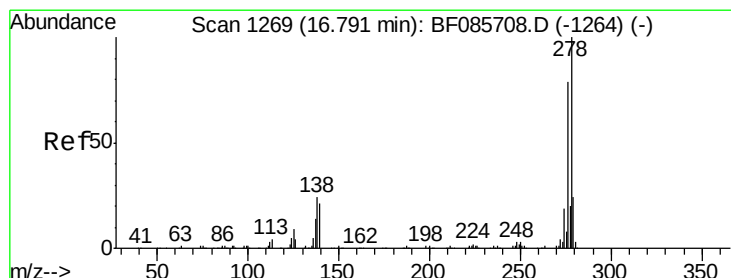
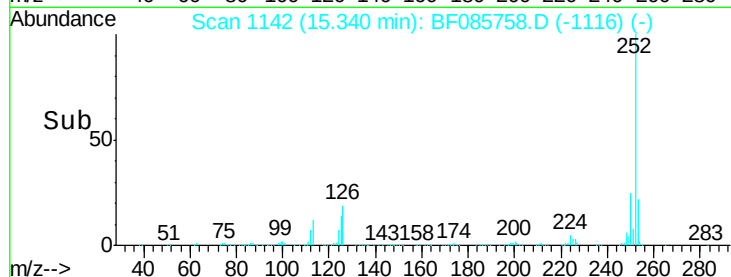
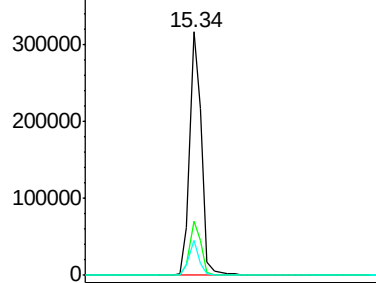
#89
Benzo(a)pyrene
Concen: 40.29 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 430668
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 14.2 10.3 15.5

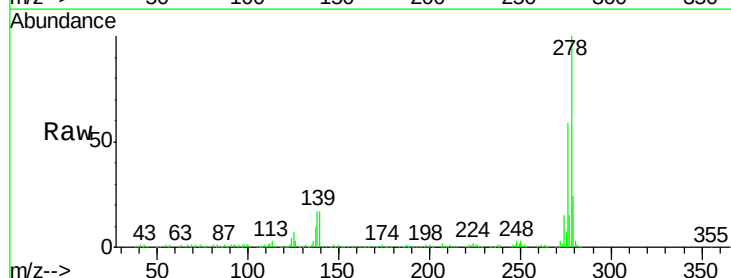


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

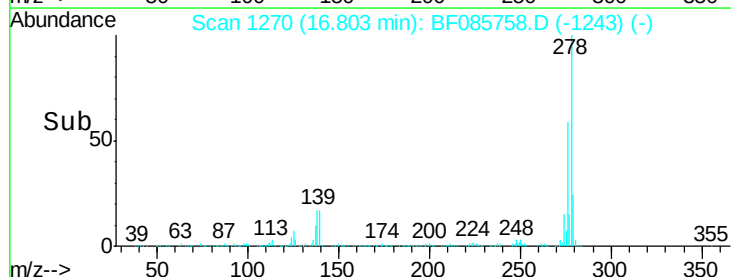
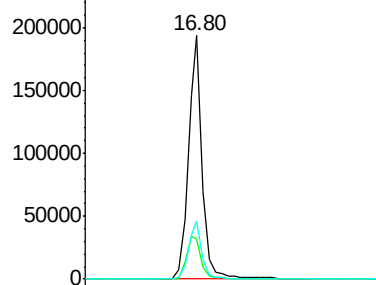


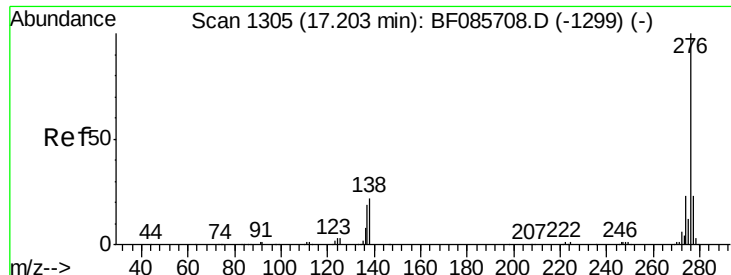
#90
Dibenzo(a,h)anthracene
Concen: 34.92 ng
RT: 16.80 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF085758.D
Acq: 25 Mar 2016 12:46

Tgt Ion:278 Resp: 346790
Ion Ratio Lower Upper
278 100
139 16.7 14.4 21.6
279 23.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 31.53 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085758.D
 Acq: 25 Mar 2016 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 317048
 Ion Ratio Lower Upper
 276 100
 277 22.3 18.8 28.2
 138 26.4 22.6 34.0

