

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085087.D
 Acq On : 17 Feb 2016 14:41
 Operator : SJ/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 15:17:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 14:23:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	202269	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	825542	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	384345	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	764720	20.00	ng	0.00
75) Chrysene-d12	14.16	240	737114	20.00	ng	0.00
86) Perylene-d12	15.63	264	569980	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1504770	130.08	ng	0.01
7) Phenol-d6	6.62	99	1736910	112.66	ng	0.00
23) Nitrobenzene-d5	7.56	82	1581683	113.14	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	486613	122.58	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2434110	90.53	ng	0.00
78) Terphenyl-d14	13.11	244	2879547	80.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	344293	72.25	ng	89
3) Pyridine	3.47	79	896224	80.50	ng	89
4) n-Nitrosodimethylamine	3.43	42	426171	74.40	ng	92
6) Aniline	6.66	93	1224129	76.85	ng	# 71
8) 2-Chlorophenol	6.78	128	786448	55.31	ng	96
9) Benzaldehyde	6.55	77	432084	52.03	ng	96
10) Phenol	6.63	94	956139	53.02	ng	# 49
11) bis(2-Chloroethyl)ether	6.73	93	724655	42.80	ng	88
12) 1,3-Dichlorobenzene	6.94	146	827341	58.51	ng	95
13) 1,4-Dichlorobenzene	7.02	146	894917	56.87	ng	97
14) 1,2-Dichlorobenzene	7.18	146	778454	52.63	ng	92
15) Benzyl Alcohol	7.13	79	680119	72.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1248195	52.55	ng	98
17) 2-Methylphenol	7.24	107	664131	64.51	ng	# 85
18) Hexachloroethane	7.52	117	326271	56.27	ng	# 84
19) n-Nitroso-di-n-propylamine	7.42	70	576789	59.39	ng	91
20) 3+4-Methylphenols	7.40	107	832148	64.02	ng	# 71
22) Acetophenone	7.40	105	1090188	51.53	ng	# 88
24) Nitrobenzene	7.59	77	886094	58.01	ng	# 84
25) Isophorone	7.83	82	1611214	64.25	ng	# 94
26) 2-Nitrophenol	7.90	139	385385	52.64	ng	100
27) 2,4-Dimethylphenol	7.93	122	805190	67.97	ng	95
28) bis(2-Chloroethoxy)methane	8.03	93	1000901	64.30	ng	96
29) 2,4-Dichlorophenol	8.14	162	705984	65.57	ng	96
30) 1,2,4-Trichlorobenzene	8.23	180	757304	61.02	ng	97
31) Naphthalene	8.31	128	2181228	54.50	ng	95
32) Benzoic acid	8.07	122	621258	119.15	ng	92
33) 4-Chloroaniline	8.35	127	983199	64.76	ng	# 93
34) Hexachlorobutadiene	8.42	225	430270	61.91	ng	95
35) Caprolactam	8.73	113	197328	68.17	ng	96
36) 4-Chloro-3-methylphenol	8.82	107	652730	53.47	ng	98
37) 2-Methylnaphthalene	8.99	142	1309150	51.27	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	787725	63.43	ng	97
40) Hexachlorocyclopentadiene	9.15	237	456211	110.45	ng	98

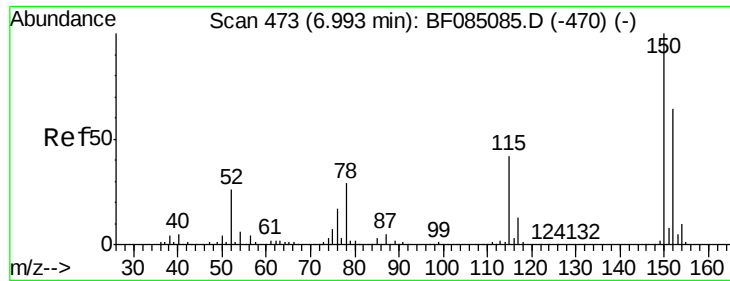
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	556744	81.30	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	450311	56.52	nq	97
45) 1,1'-Biphenyl	9.46	154	1849284	52.90	nq	93
46) 2-Chloronaphthalene	9.48	162	1337318	53.98	nq	97
47) 2-Nitroaniline	9.58	65	462000	60.41	nq	97
48) Acenaphthylene	9.90	152	2195098	55.82	nq	96
49) Dimethylphthalate	9.76	163	1503544	52.18	nq	96
50) 2,6-Dinitrotoluene	9.82	165	332144	56.18	nq	# 86
51) Acenaphthene	10.07	154	1380452	58.05	nq	97
52) 3-Nitroaniline	9.99	138	411700	62.68	nq	94
53) 2,4-Dinitrophenol	10.09	184	159343	81.39	nq	# 59
54) Dibenzofuran	10.24	168	1751236	55.05	nq	99
55) 4-Nitrophenol	10.14	139	381907	90.63	nq	# 81
56) 2,4-Dinitrotoluene	10.22	165	420553	52.22	nq	# 82
57) Fluorene	10.58	166	1384129	50.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	408690	64.85	nq	97
59) Diethylphthalate	10.46	149	1569245	54.95	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	774040	59.21	nq	# 82
61) 4-Nitroaniline	10.60	138	410902	68.08	nq	98
62) Azobenzene	10.73	77	1645724	59.82	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	242054	59.44	nq	94
65) n-Nitrosodiphenylamine	10.70	169	1351543	55.66	nq	98
66) 4-Bromophenyl-phenylether	11.06	248	506073	59.41	nq	# 92
67) Hexachlorobenzene	11.13	284	513837	56.42	nq	97
68) Atrazine	11.22	200	471957	67.07	nq	94
69) Pentachlorophenol	11.32	266	370065	105.69	nq	97
70) Phenanthrene	11.54	178	2127948	50.47	nq	96
71) Anthracene	11.60	178	2175360	49.37	nq	93
72) Carbazole	11.75	167	1903451	52.17	nq	96
73) Di-n-butylphthalate	12.08	149	2309039	48.22	nq	96
74) Fluoranthene	12.73	202	2162349	51.47	nq	91
76) Benzidine	12.84	184	1090380	84.01	nq	# 93
77) Pyrene	12.96	202	2298073	38.98	nq	95
79) Butylbenzylphthalate	13.58	149	1090954	44.00	nq	# 98
80) Benzo(a)anthracene	14.15	228	2200965	51.57	nq	94
81) 3,3'-Dichlorobenzidine	14.11	252	912817	73.58	nq	# 97
82) Chrysene	14.18	228	1920365	46.39	nq	95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1463853	44.90	nq	# 95
84) Di-n-octyl phthalate	14.74	149	2359411	50.94	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1848523	53.75	nq	99
87) Benzo(b)fluoranthene	15.20	252	1961230	52.48	nq	# 94
88) Benzo(k)fluoranthene	15.20	252	1961230	65.70	nq	# 95
89) Benzo(a)pyrene	15.58	252	1885290	59.66	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	1511656	50.40	nq	96
91) Benzo(g,h,i)perylene	17.58	276	1477663	47.44	nq	97

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

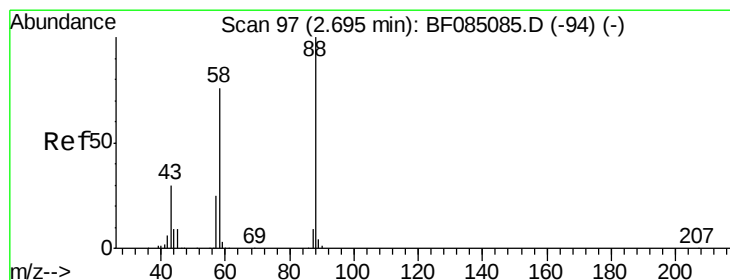
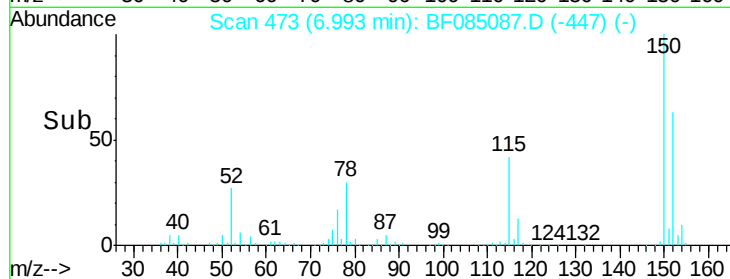
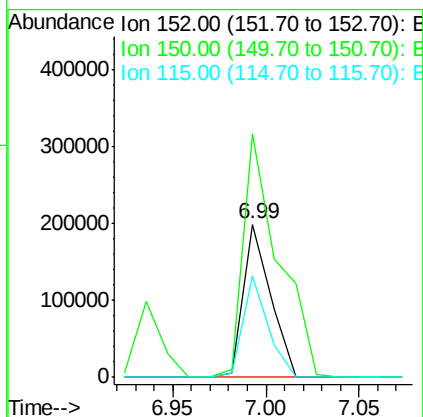
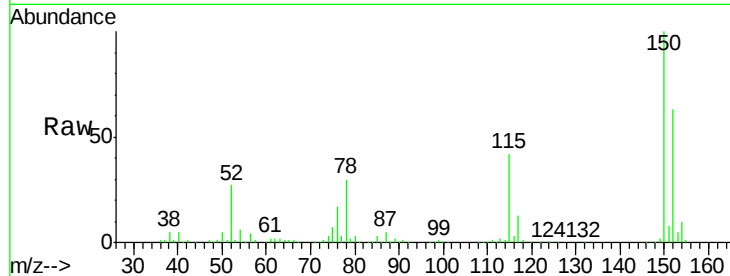


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampled :

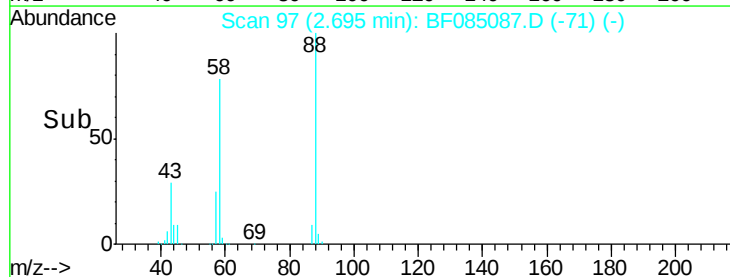
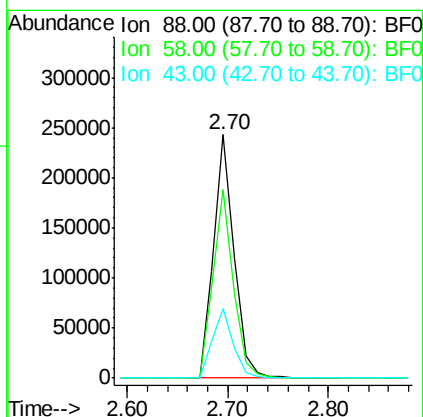
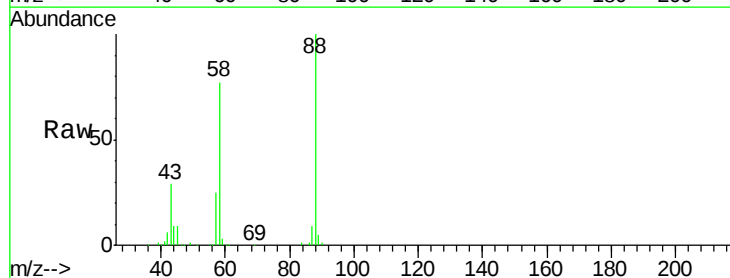
Tot Ion:152 Resp: 202269
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.2
115 66.2 50.5 75.7

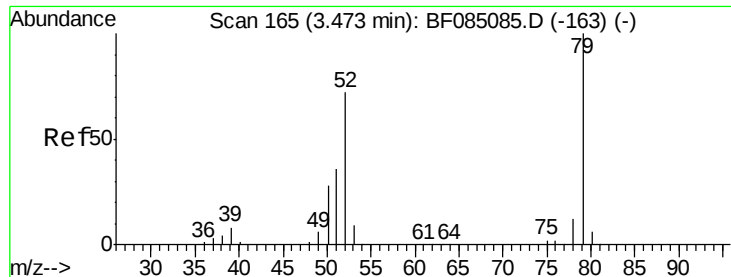


#2

1,4-Dioxane
Concen: 72.25 ng
RT: 2.70 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion: 88 Resp: 344293
Ion Ratio Lower Upper
88 100
58 76.4 70.9 106.3
43 28.8 25.9 38.9





#3

Pvridine

Concen: 80.50 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

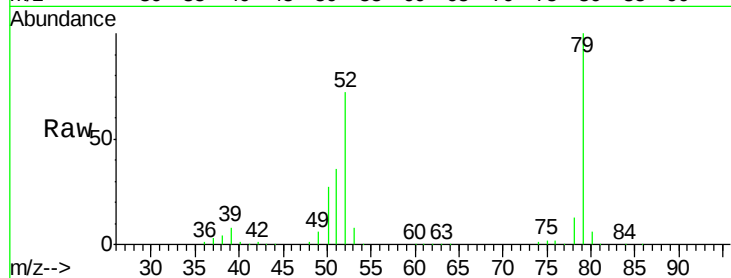
Tot Ion: 79 Resp: 896224

Ion Ratio Lower Upper

79 100

52 72.5 67.1 100.7

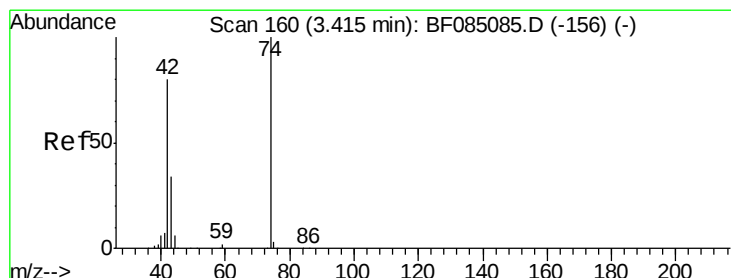
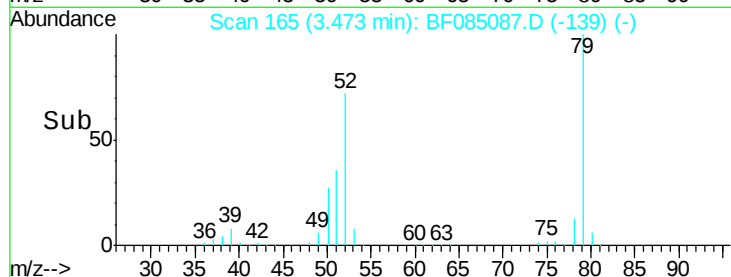
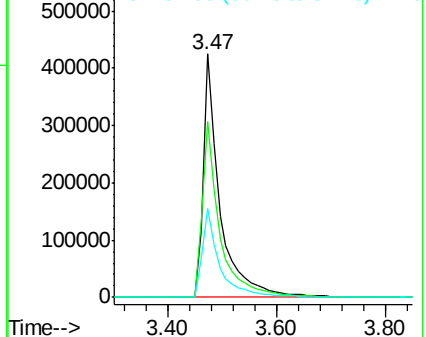
51 36.5 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 74.40 ng

RT: 3.43 min Scan# 161

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

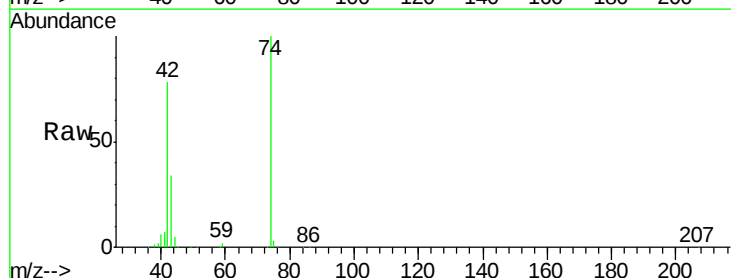
Tgt Ion: 42 Resp: 426171

Ion Ratio Lower Upper

42 100

74 129.0 96.2 144.4

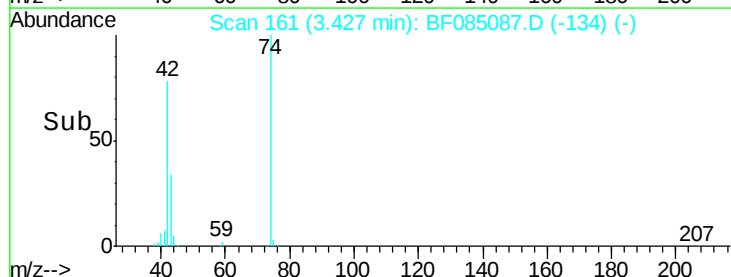
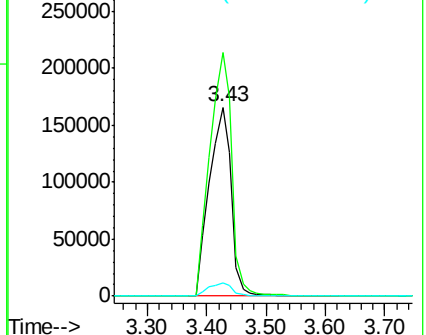
44 7.0 7.0 10.4

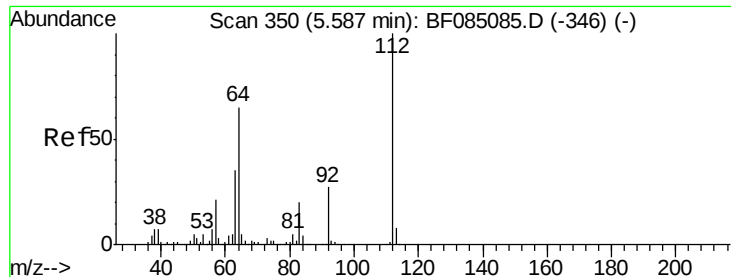


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.08 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

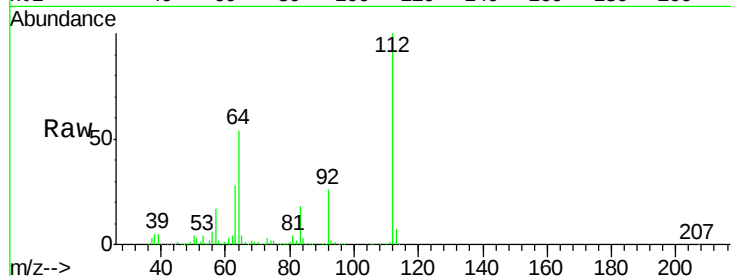
Tot Ion:112 Resp: 1504770

Ion Ratio Lower Upper

112 100

64 53.9 45.4 68.2

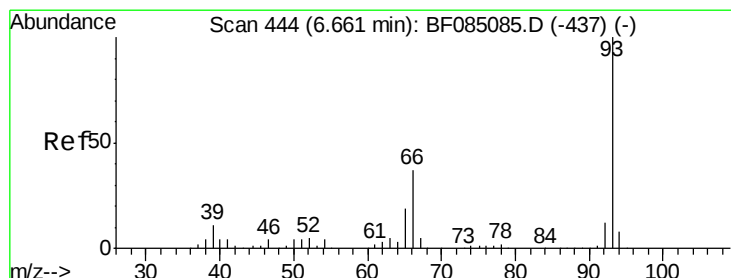
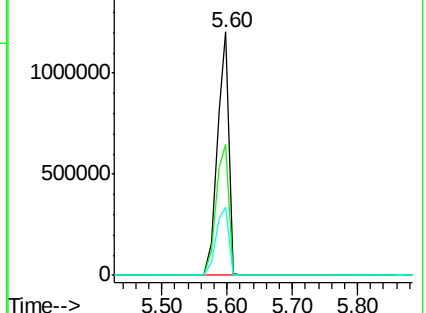
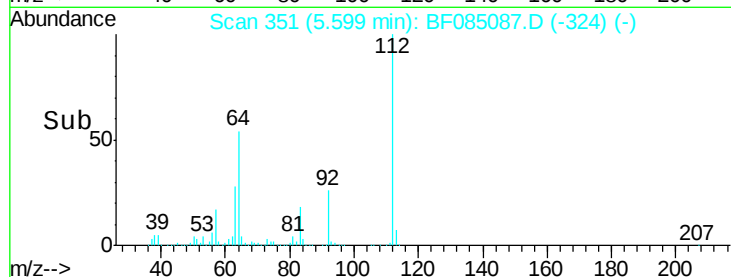
63 28.2 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 76.85 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

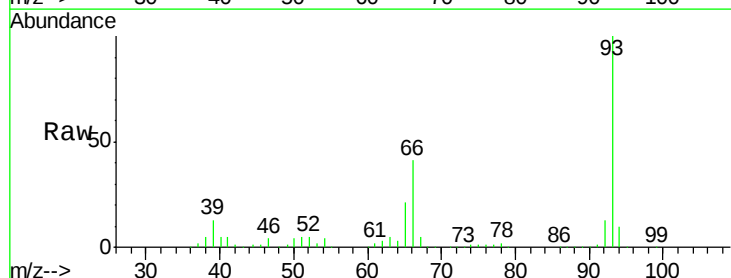
Tgt Ion: 93 Resp: 1224129

Ion Ratio Lower Upper

93 100

66 40.6 51.8 77.8#

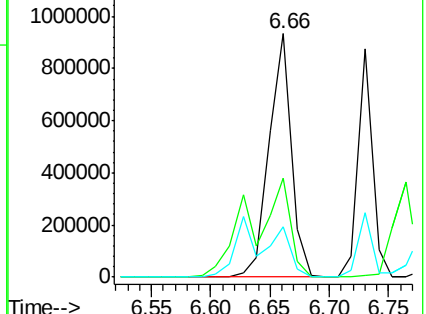
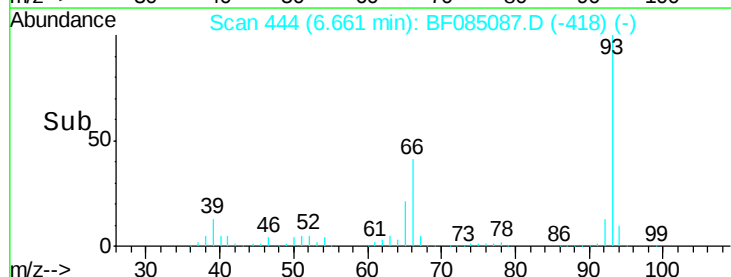
65 20.6 28.5 42.7#

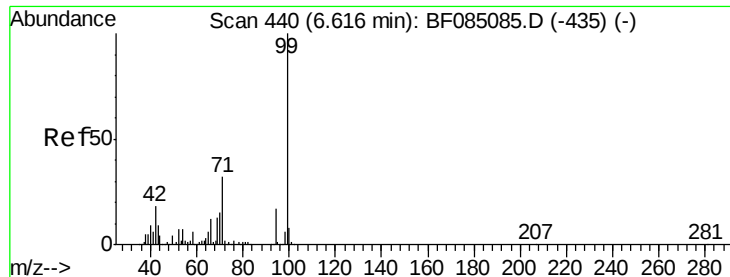


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.66 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

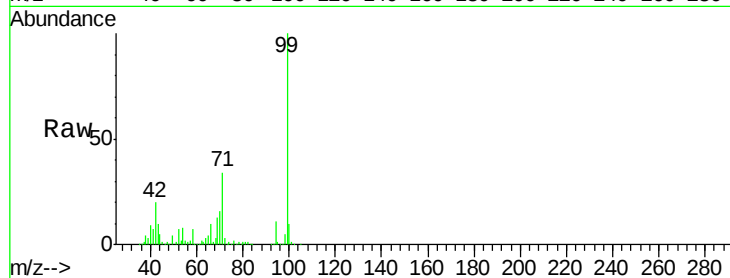
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1736910

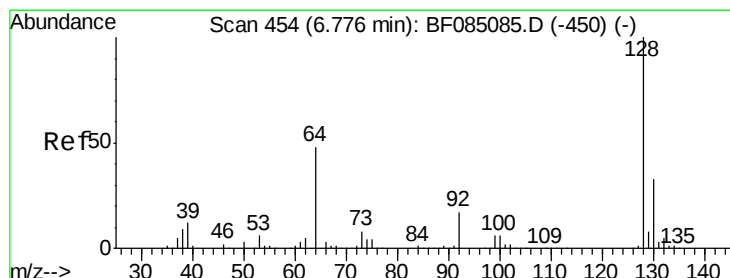
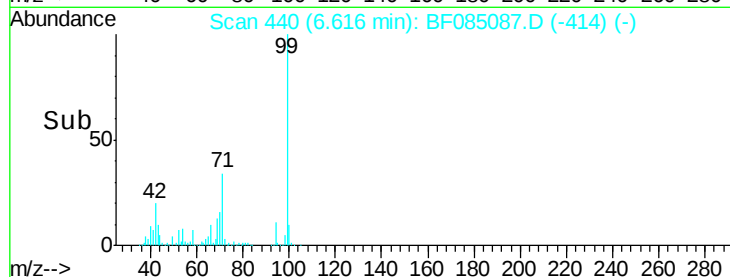
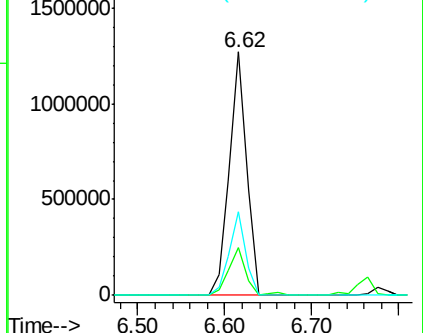
Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.0	25.4
71	34.2	28.3	42.5



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 55.31 ng

RT: 6.78 min Scan# 454

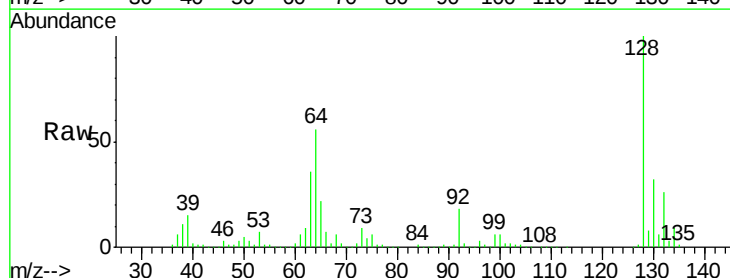
Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Tgt Ion: 128 Resp: 786448

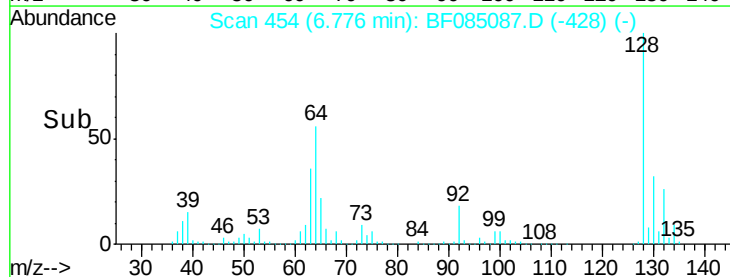
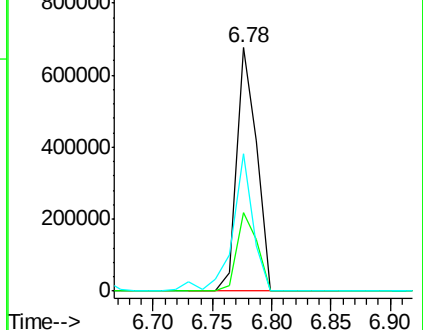
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	56.3	32.1	72.1

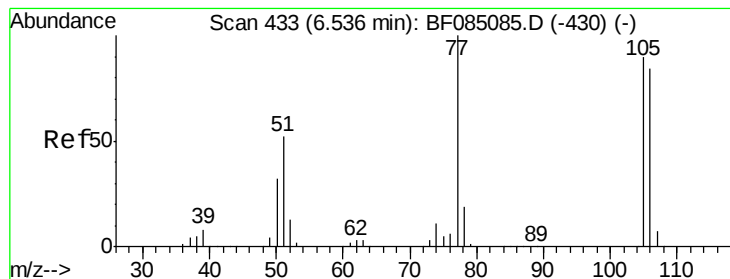


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 52.03 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

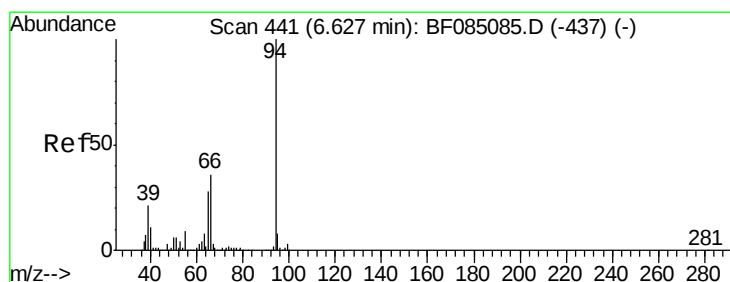
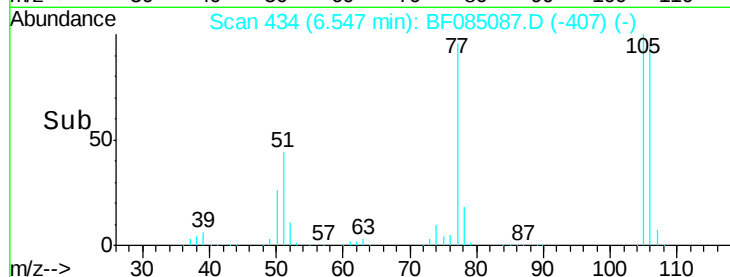
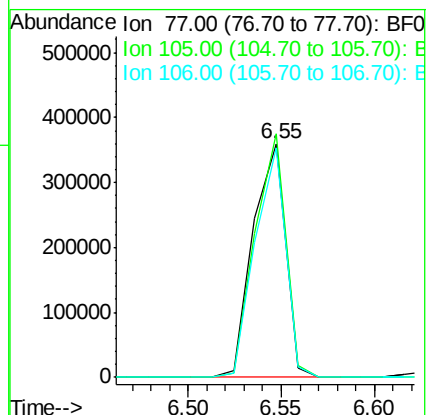
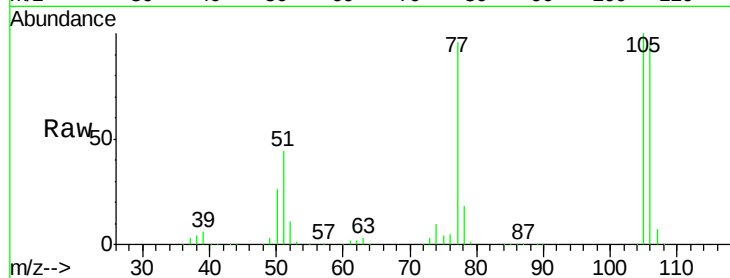
Tot Ion: 77 Resp: 432084

Ion Ratio Lower Upper

77 100

105 104.2 90.9 130.9

106 98.1 79.7 119.7



#10

Phenol

Concen: 53.02 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

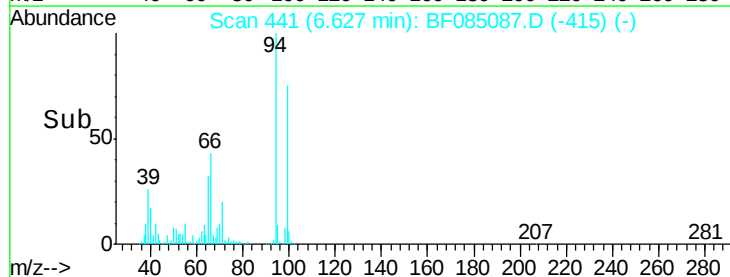
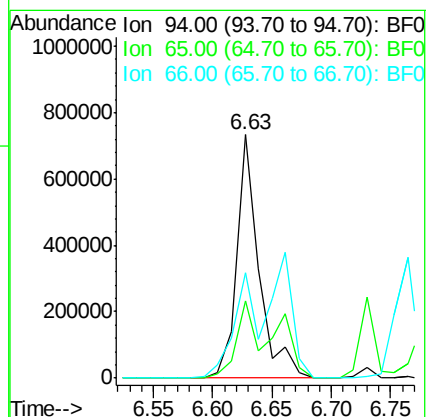
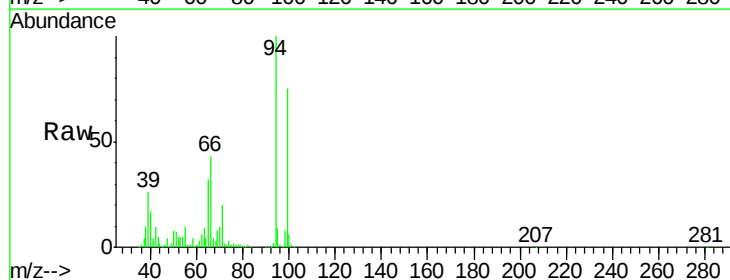
Tgt Ion: 94 Resp: 956139

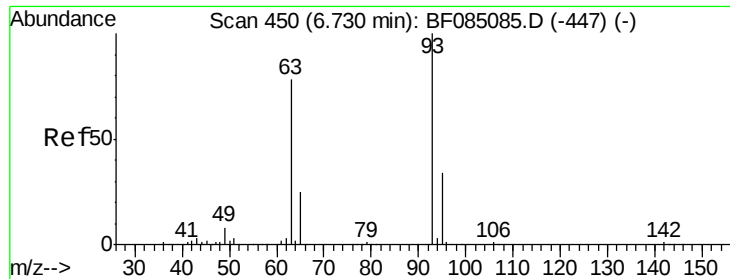
Ion Ratio Lower Upper

94 100

65 31.9 37.3 77.3#

66 43.2 84.1 124.1#

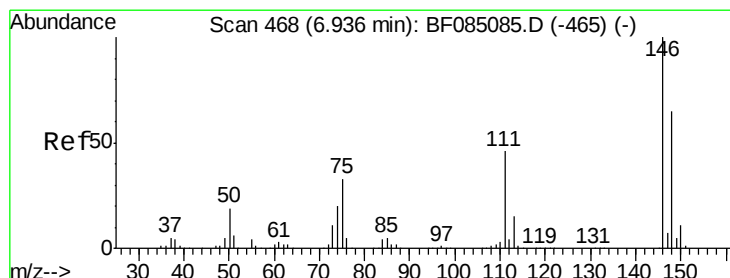
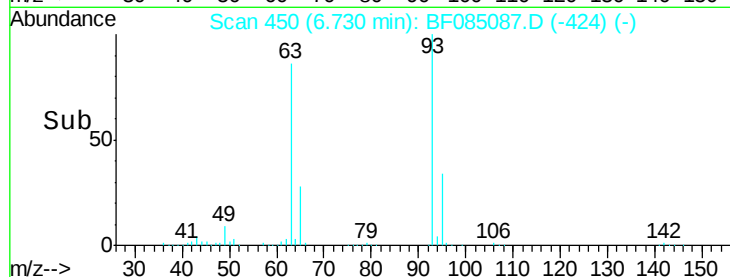
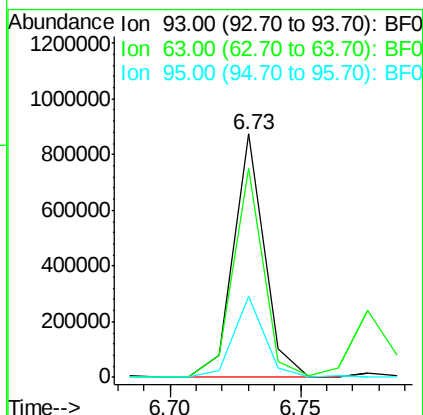
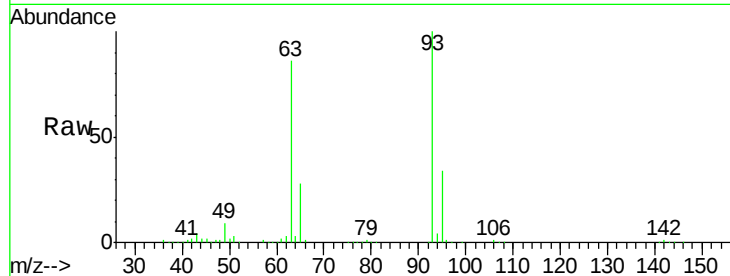




#11
bis(2-Chloroethyl)ether
Concen: 42.80 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

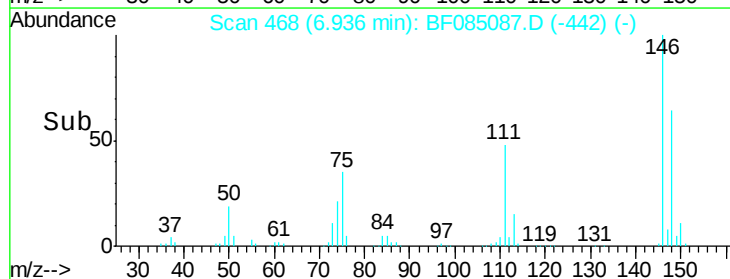
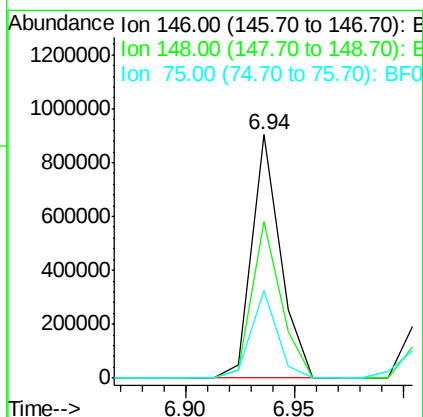
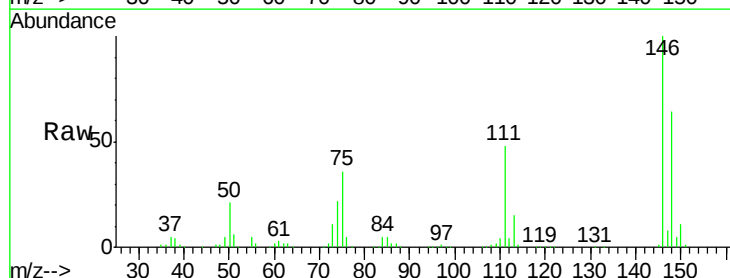
Instrument :
BNA_F
ClientSampled :

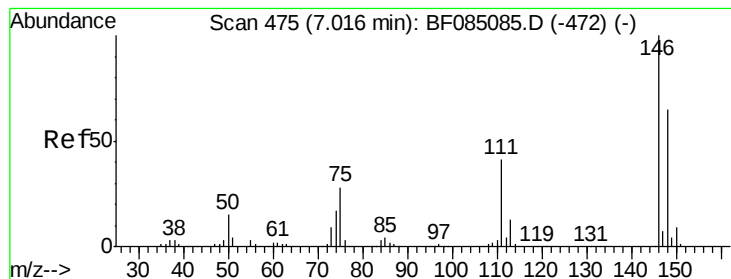
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	53.6	93.6
95	33.5	10.1	50.1



#12
1,3-Dichlorobenzene
Concen: 58.51 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.1	79.7
75	35.8	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 56.87 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

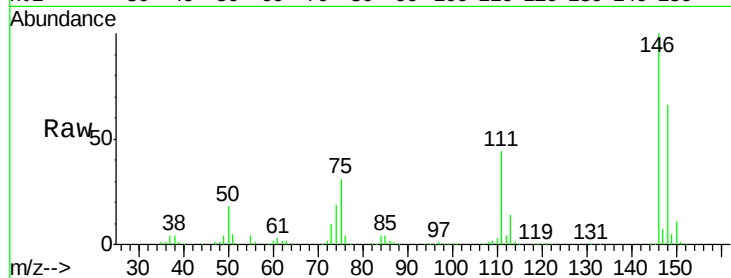
Tot Ion:146 Resp: 894917

Ion Ratio Lower Upper

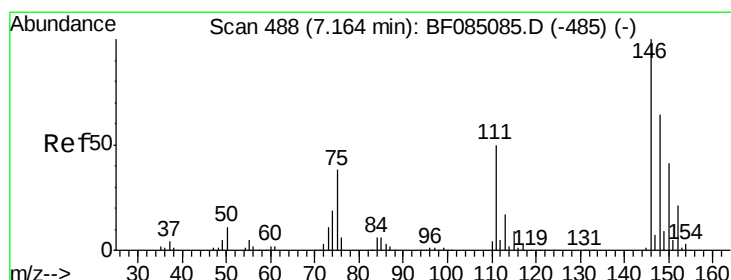
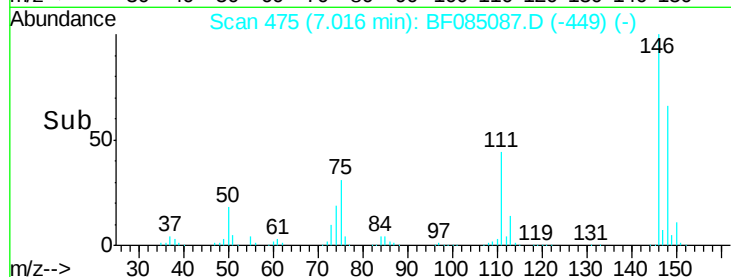
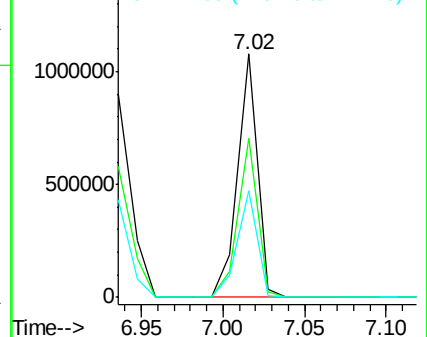
146 100

148 65.6 50.3 75.5

111 43.6 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 52.63 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

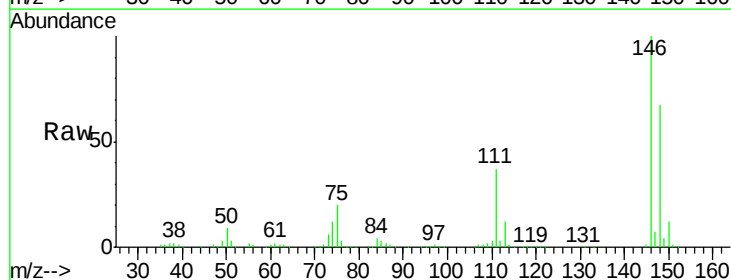
Tgt Ion:146 Resp: 778454

Ion Ratio Lower Upper

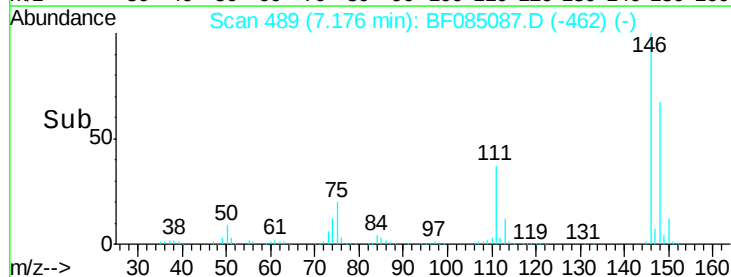
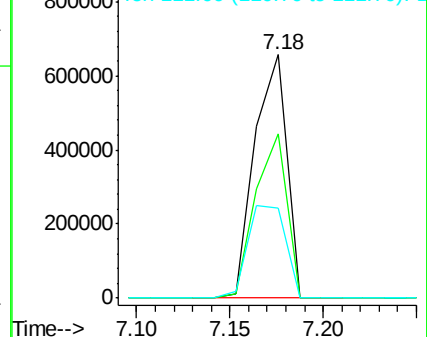
146 100

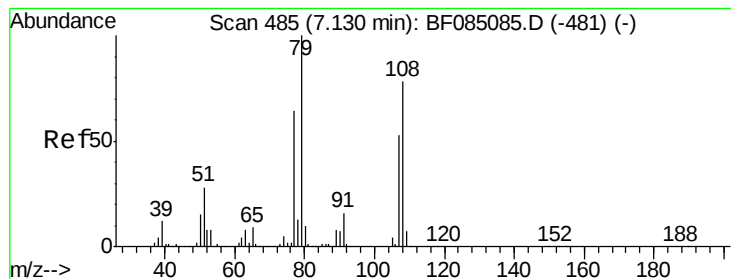
148 67.3 51.5 77.3

111 37.0 36.5 54.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 72.20 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

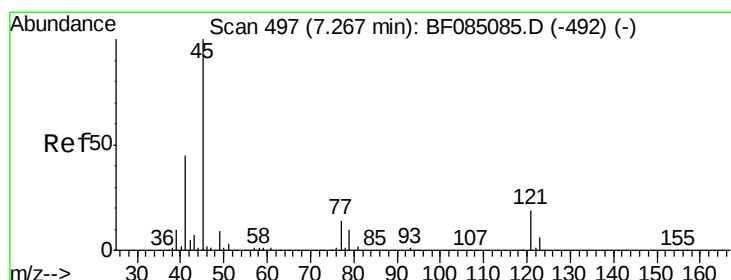
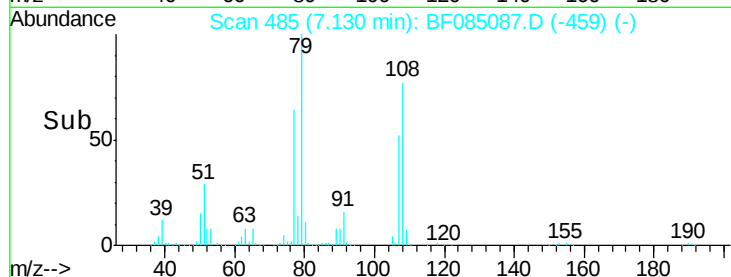
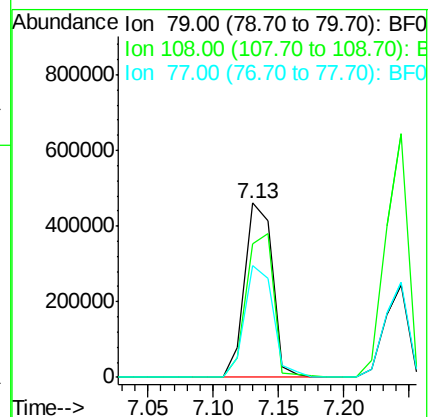
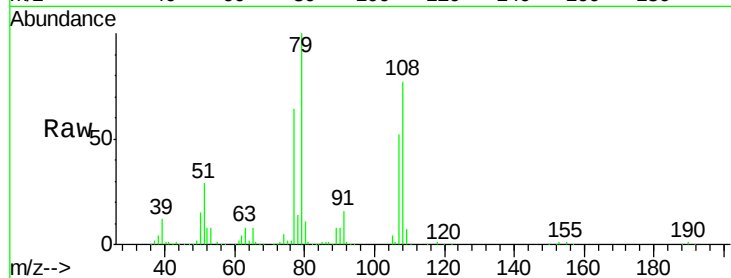
Tot Ion: 79 Resp: 680119

Ion Ratio Lower Upper

79 100

108 76.6 63.4 95.0

77 64.0 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.55 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

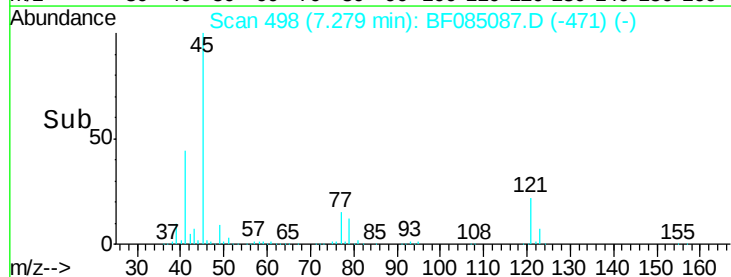
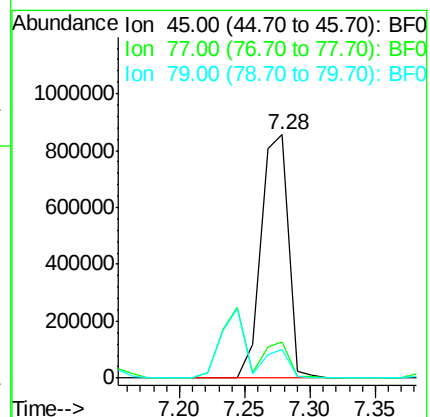
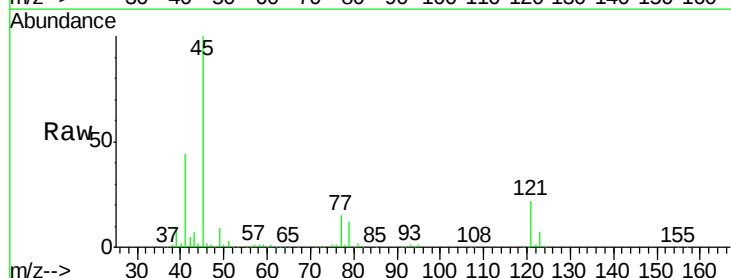
Tgt Ion: 45 Resp: 1248195

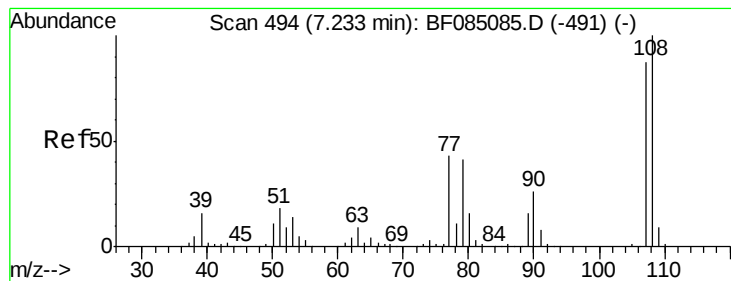
Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.2

79 11.9 0.0 33.7

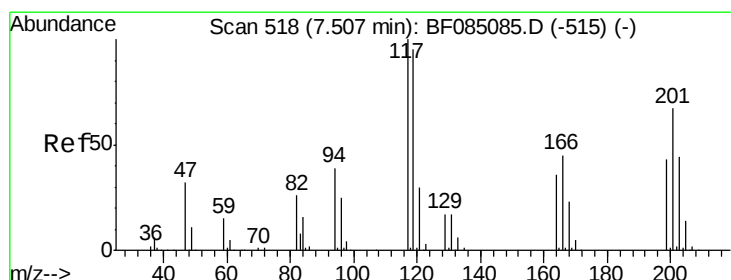
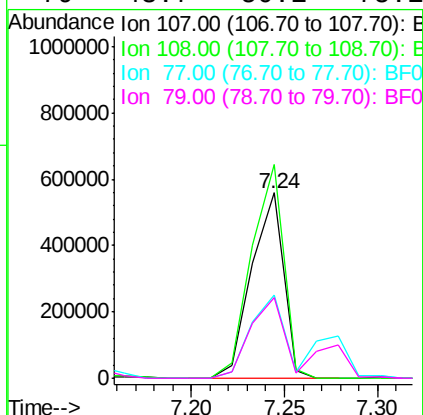
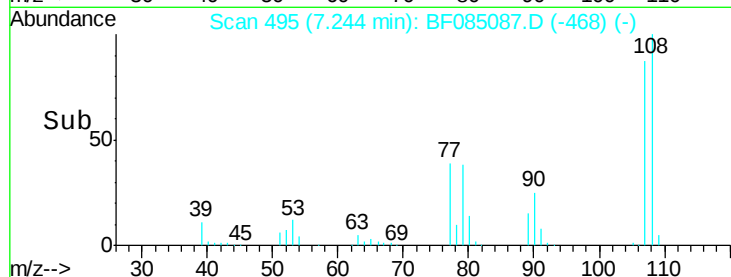
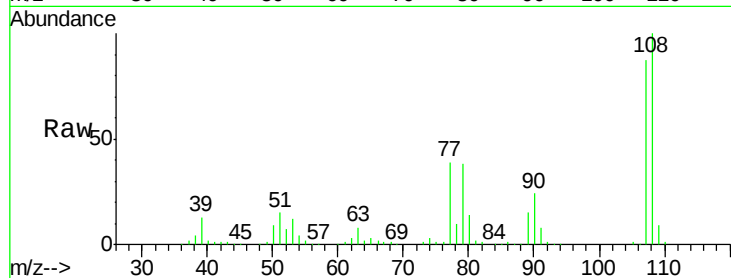




#17
2-Methylphenol
Concen: 64.51 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

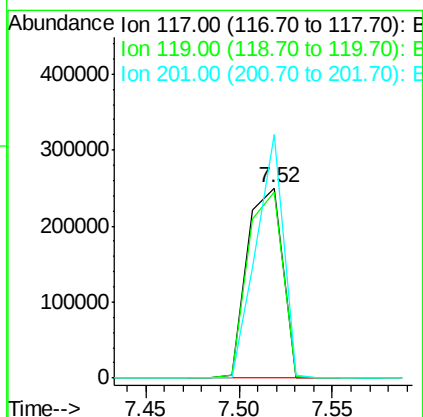
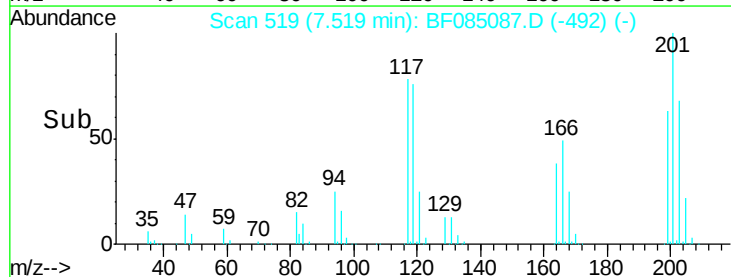
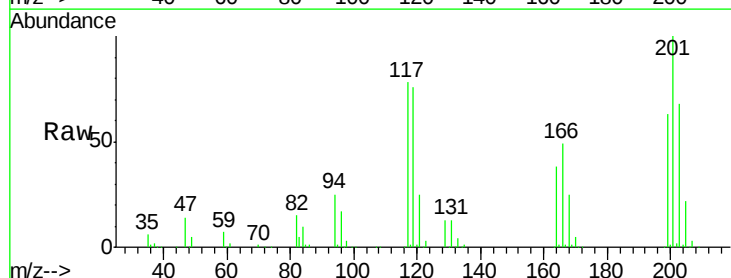
Instrument :
BNA_F
ClientSampled :

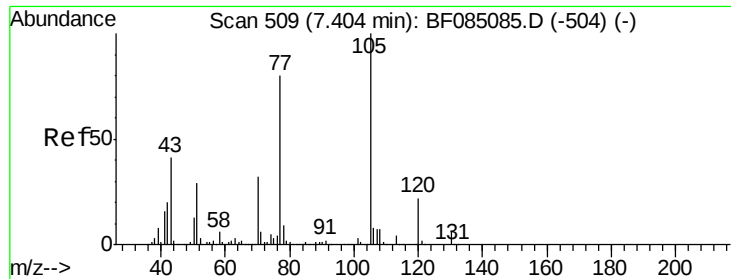
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	97.0	145.4
77	44.9	50.5	75.7#
79	43.7	50.1	75.1#



#18
Hexachloroethane
Concen: 56.27 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.5	111.7
201	128.0	80.9	121.3#

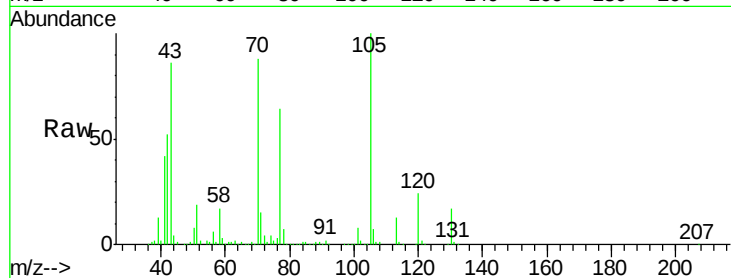




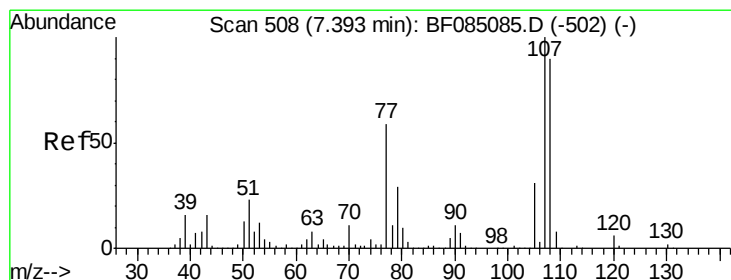
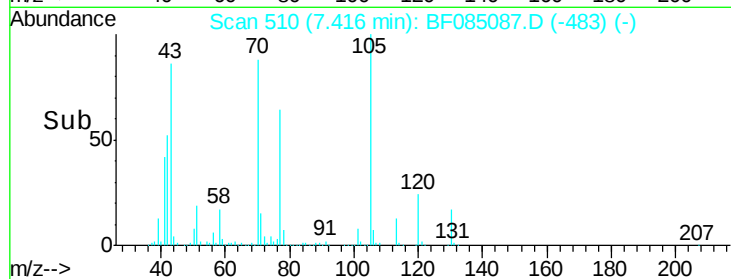
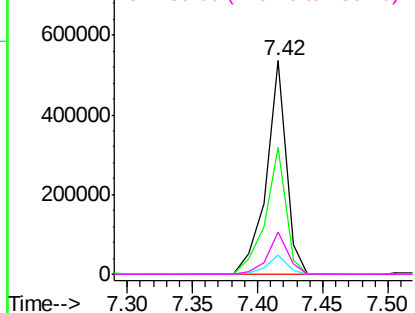
#19
n-Nitroso-di-n-propylamine
Concen: 59.39 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 576789
Ion Ratio Lower Upper
70 100
42 59.4 55.8 83.6
101 9.0 7.7 11.5
130 19.7 15.4 23.2

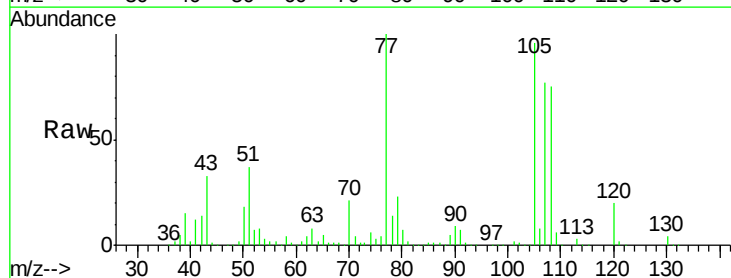


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

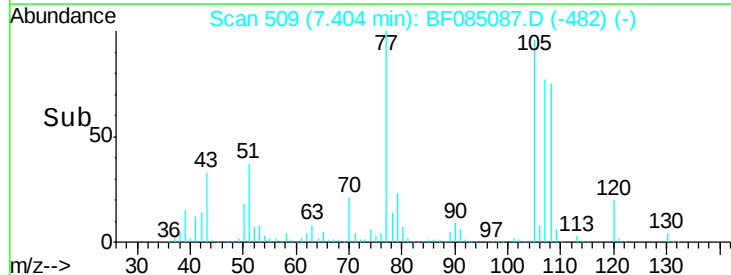
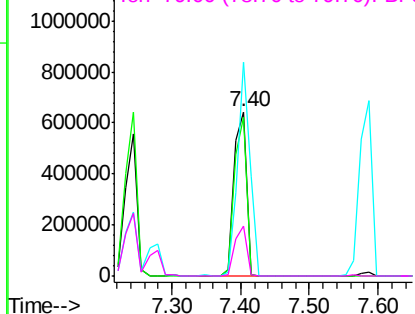


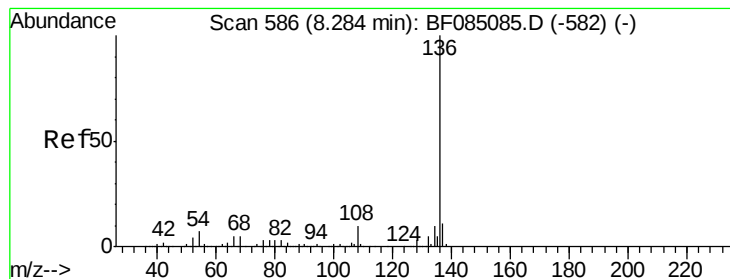
#20
3+4-Methylphenols
Concen: 64.02 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:107 Resp: 832148
Ion Ratio Lower Upper
107 100
108 97.0 74.4 114.4
77 130.2 46.9 86.9#
79 30.6 10.4 50.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 825542

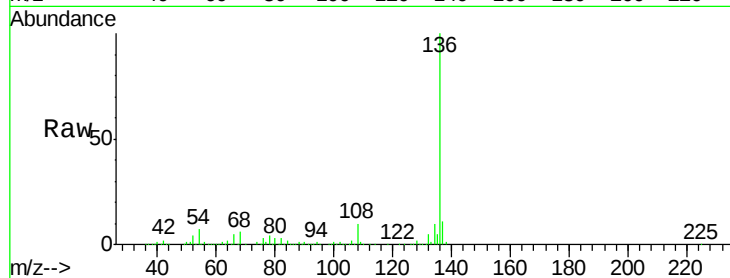
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.4 6.1 9.1

68 5.8 3.5 5.3#

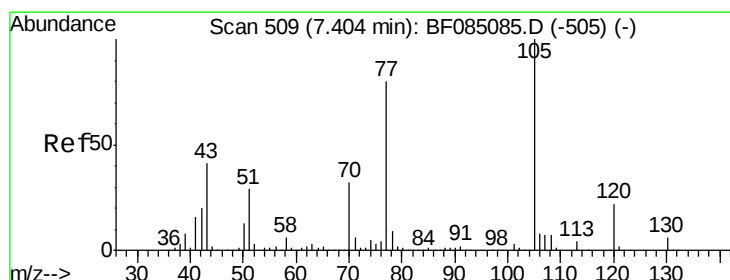
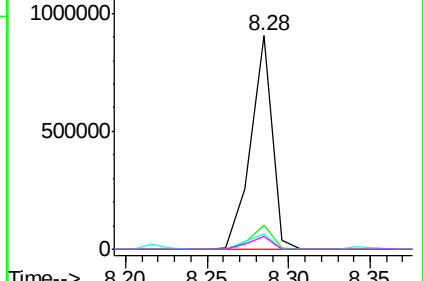
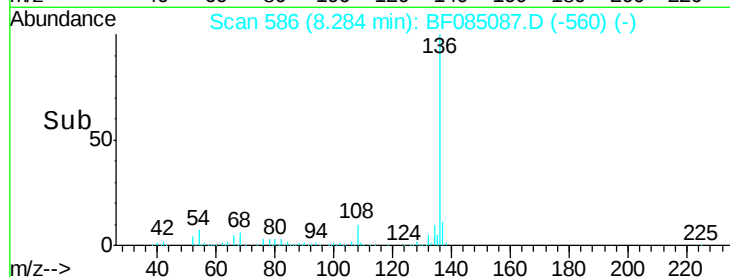


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.53 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Tgt Ion:105 Resp: 1090188

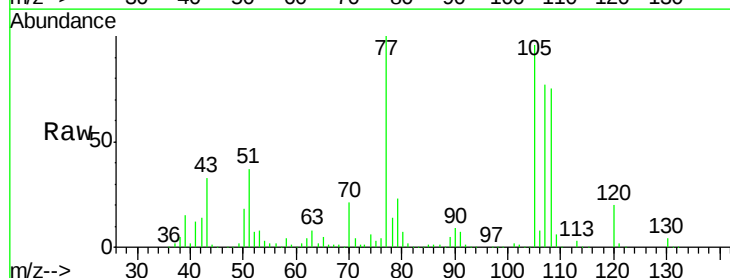
Ion Ratio Lower Upper

105 100

71 3.8 7.5 11.3#

51 38.9 23.1 34.7#

120 20.7 15.9 23.9

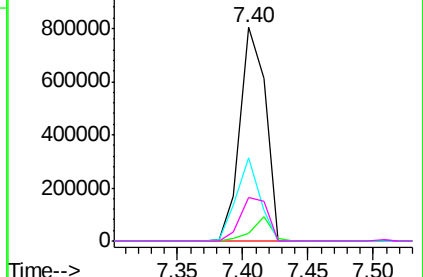
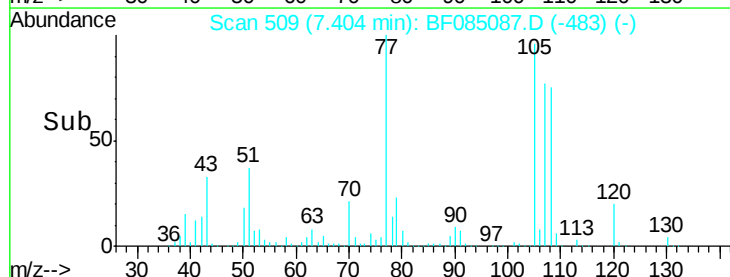


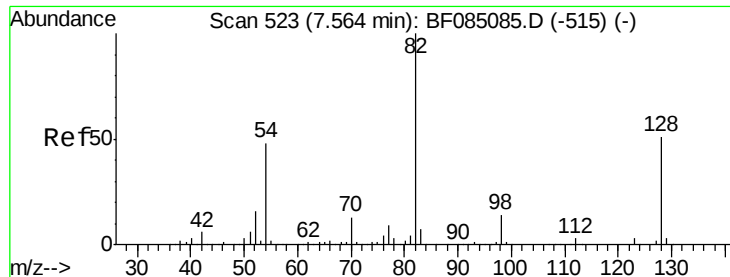
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



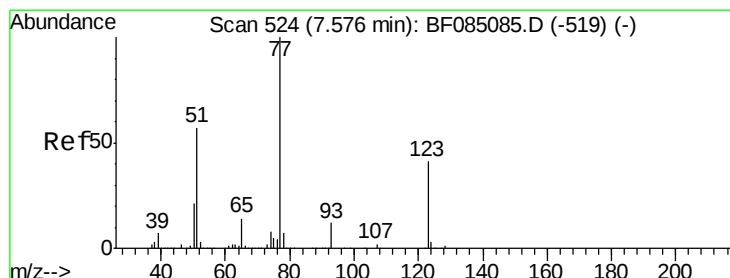
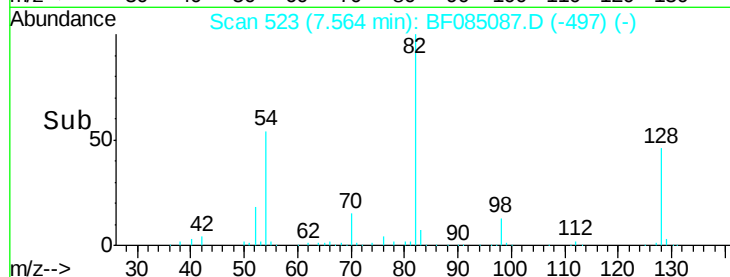
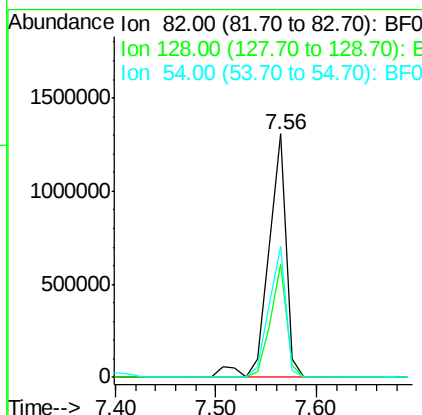
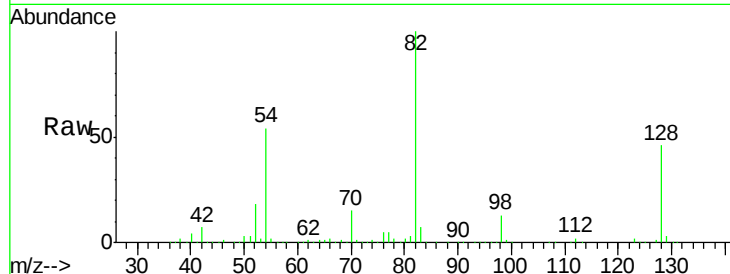


#23
 Nitrobenzene-d5
 Concen: 113.14 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1581683

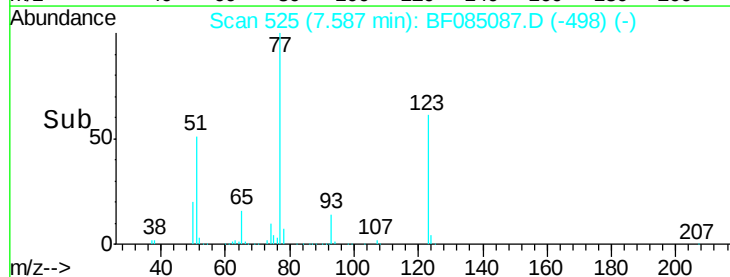
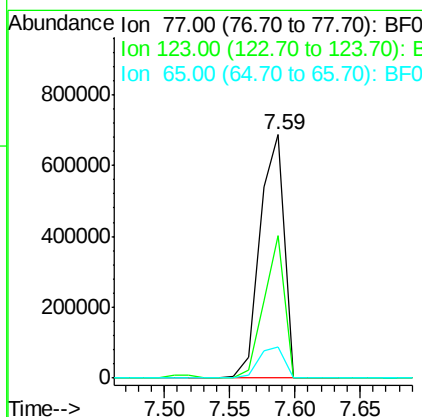
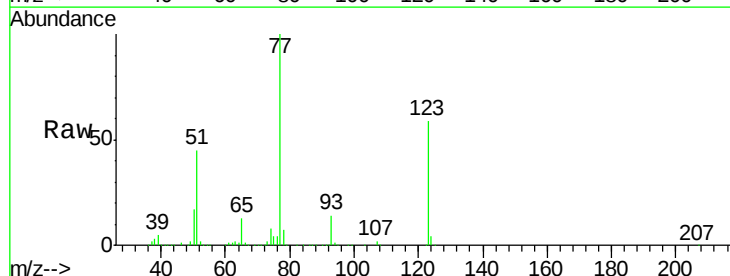
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.8	55.2
54	53.8	44.4	66.6

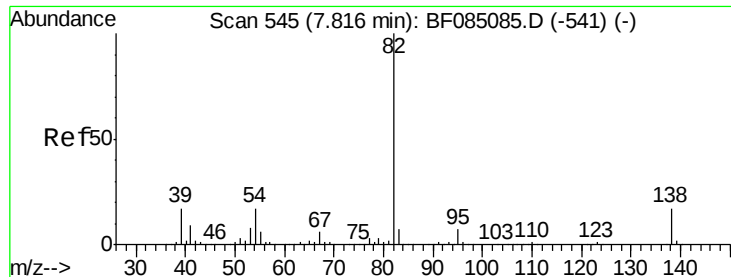


#24
 Nitrobenzene
 Concen: 58.01 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.01 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion: 77 Resp: 886094

Ion	Ratio	Lower	Upper
77	100		
123	58.8	36.5	54.7#
65	12.8	10.9	16.3





#25

Isophorone

Concen: 64.25 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

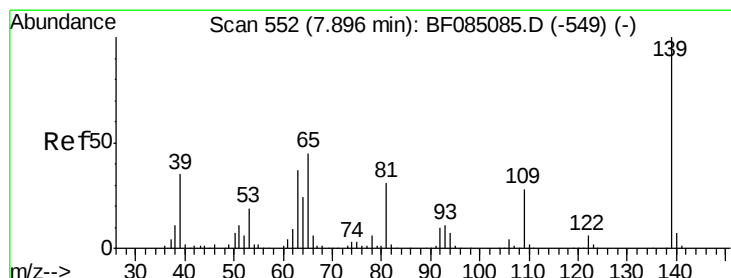
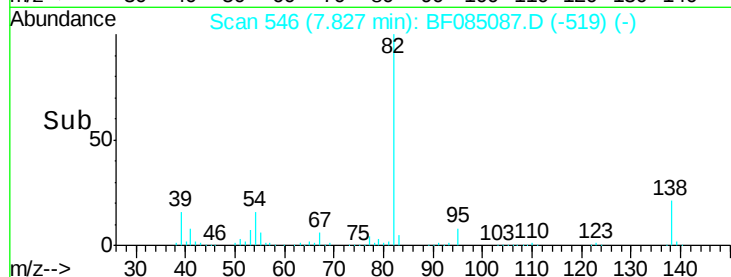
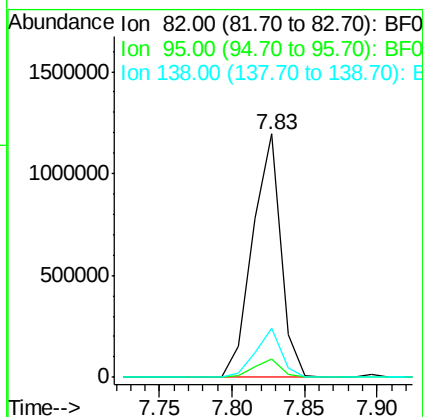
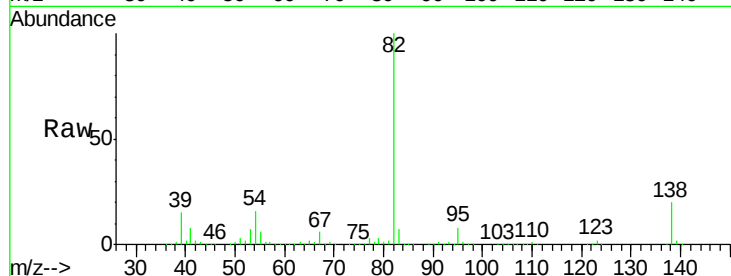
Tot Ion: 82 Resp: 1611214

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 20.1 13.1 19.7#



#26

2-Nitrophenol

Concen: 52.64 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

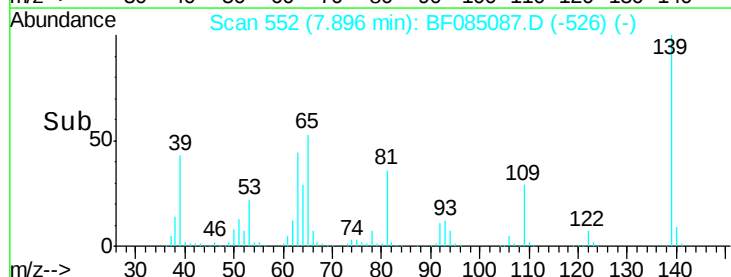
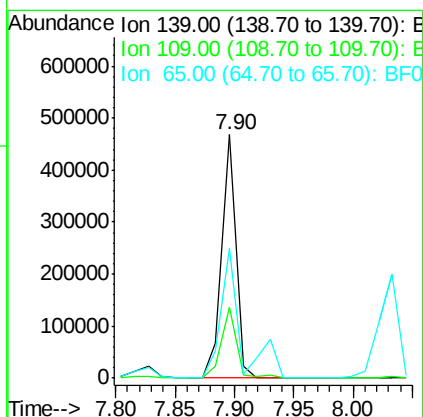
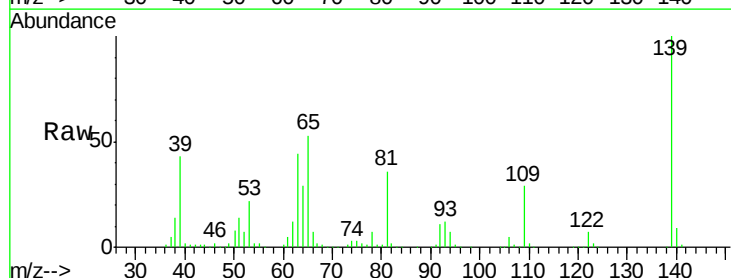
Tgt Ion: 139 Resp: 385385

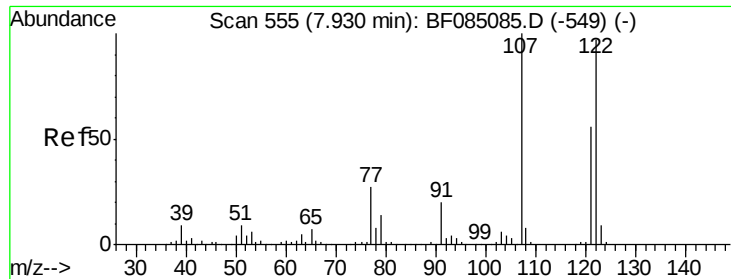
Ion Ratio Lower Upper

139 100

109 29.3 23.4 35.2

65 53.3 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 67.97 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampled :

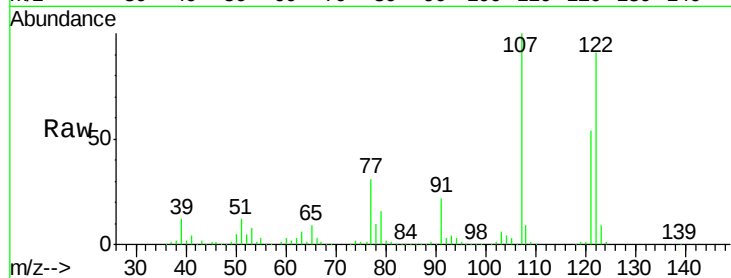
Tot Ion:122 Resp: 805190

Ion Ratio Lower Upper

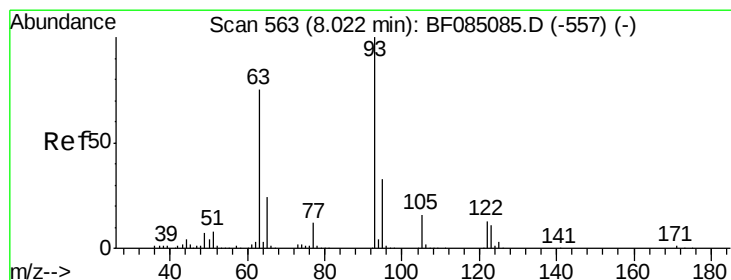
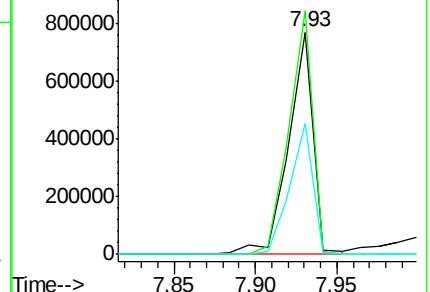
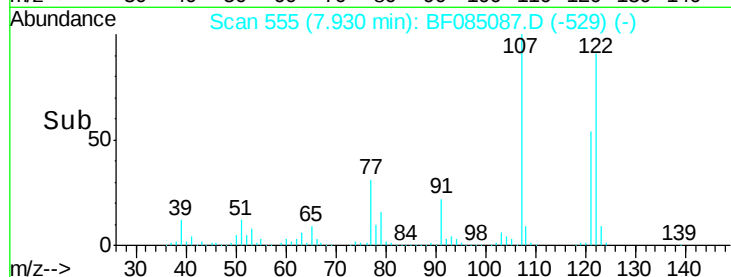
122 100

107 109.5 91.8 137.8

121 58.9 45.0 67.4



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: 64.30 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

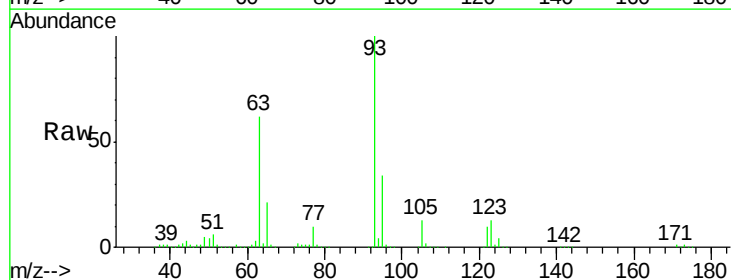
Tgt Ion: 93 Resp: 1000901

Ion Ratio Lower Upper

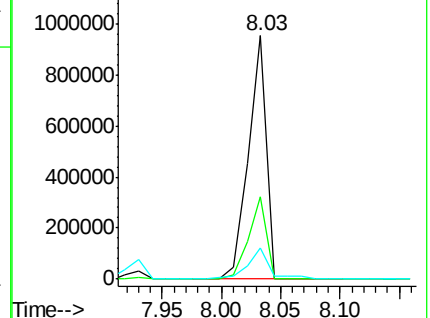
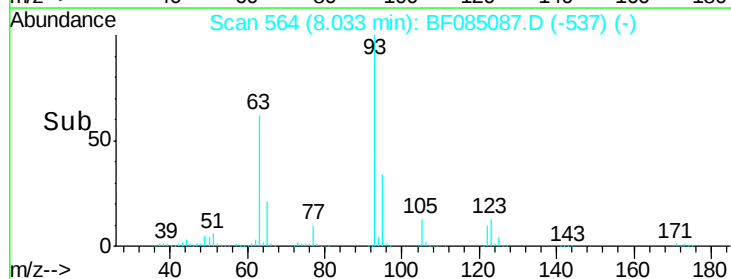
93 100

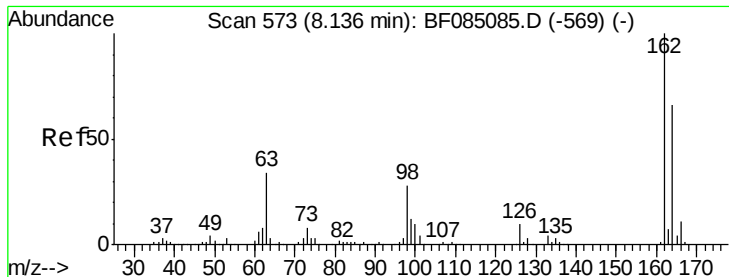
95 33.7 25.6 38.4

123 12.9 8.7 13.1



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

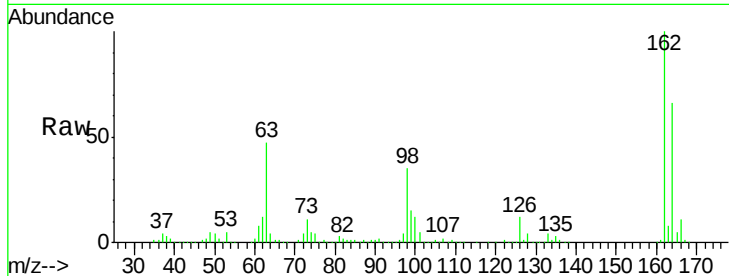




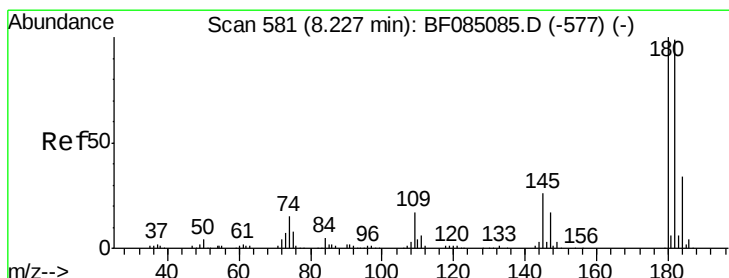
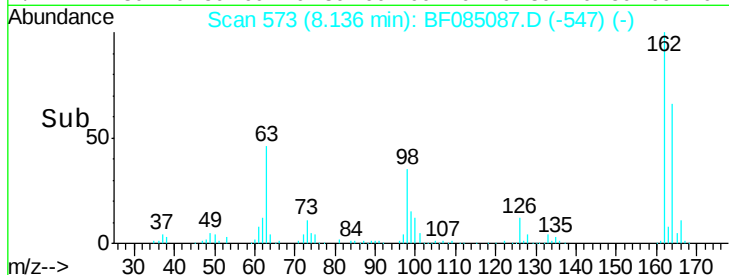
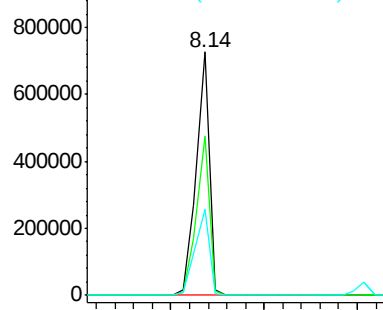
#29
 2,4-Dichlorophenol
 Concen: 65.57 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.8	82.8
98	35.4	17.6	57.6

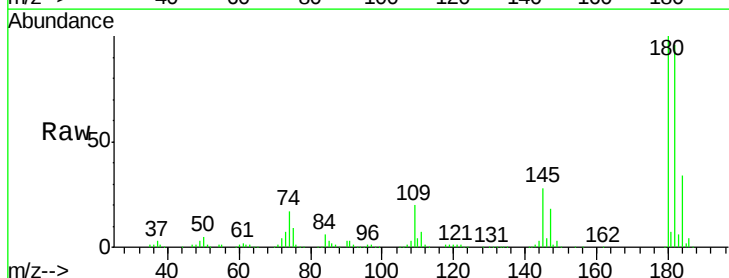


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

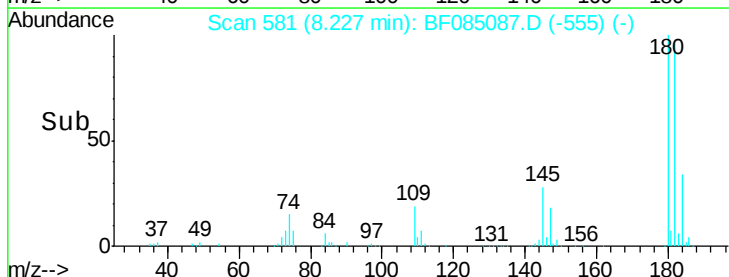
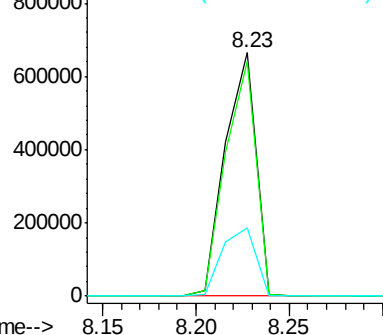


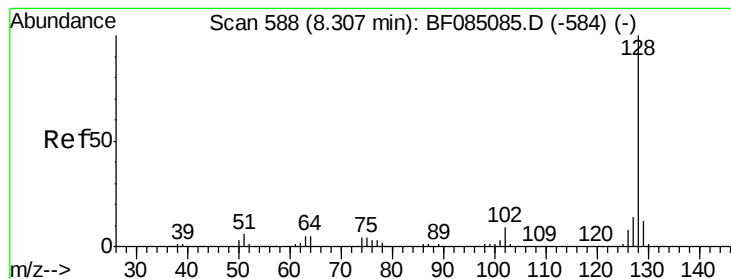
#30
 1,2,4-Trichlorobenzene
 Concen: 61.02 ng
 RT: 8.23 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
145	28.2	25.9	38.9



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: 54.50 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

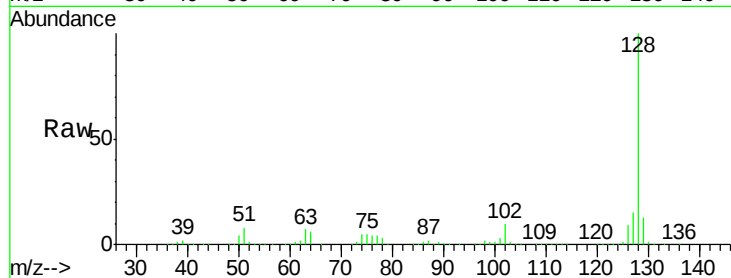
Tot Ion:128 Resp: 2181228

Ion Ratio Lower Upper

128 100

129 12.9 9.2 13.8

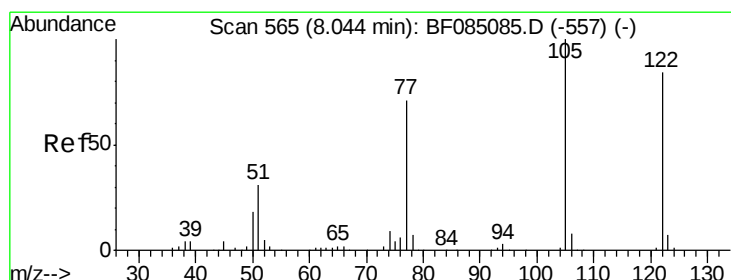
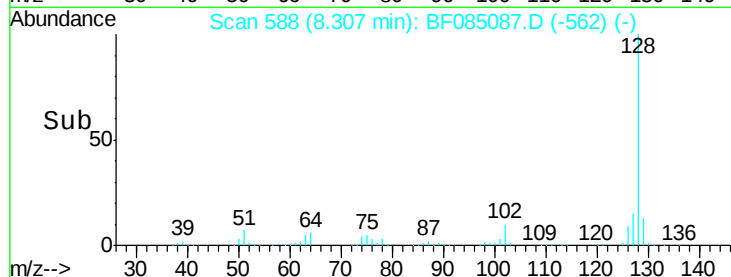
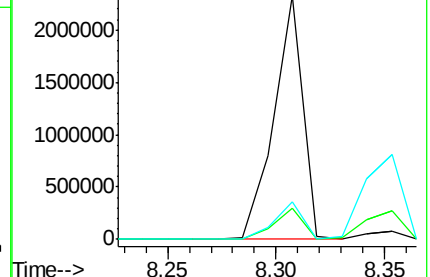
127 15.4 10.3 15.5



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: 119.15 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

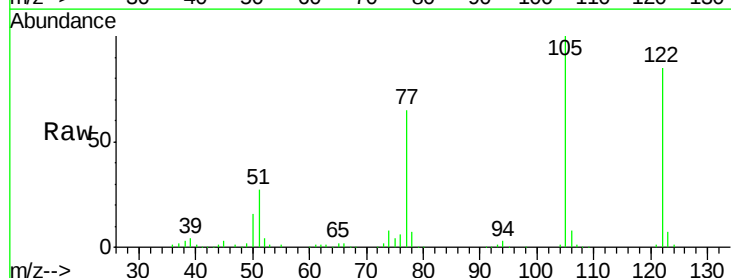
Tgt Ion:122 Resp: 621258

Ion Ratio Lower Upper

122 100

105 117.9 101.3 141.3

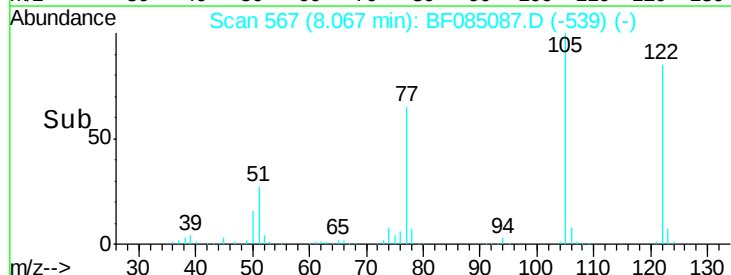
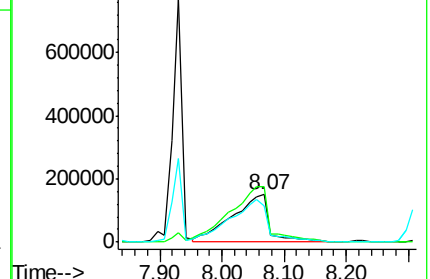
77 77.2 70.0 110.0

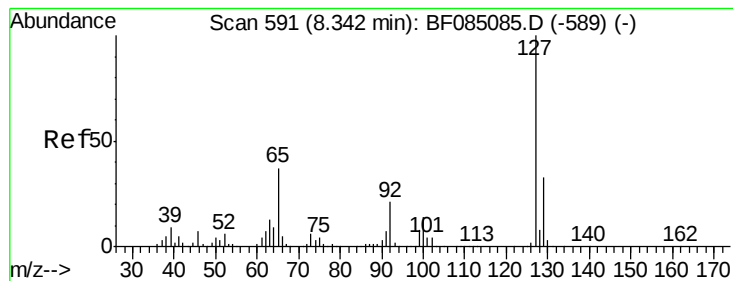


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 64.76 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 983199

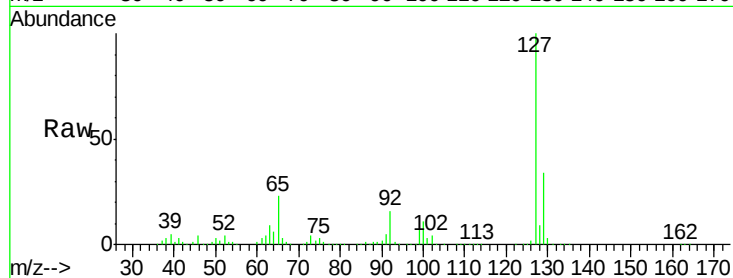
Ion Ratio Lower Upper

127 100

129 34.2 26.6 39.8

65 22.8 24.7 37.1#

92 16.5 15.1 22.7

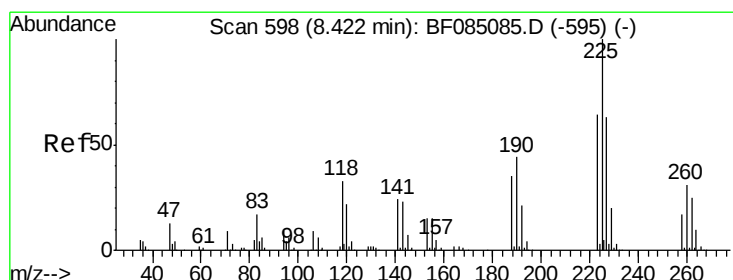
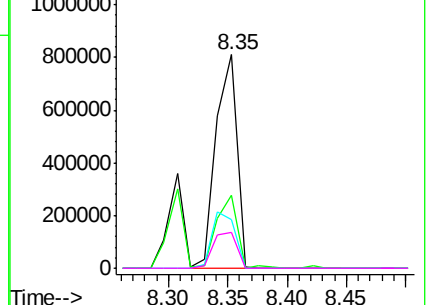
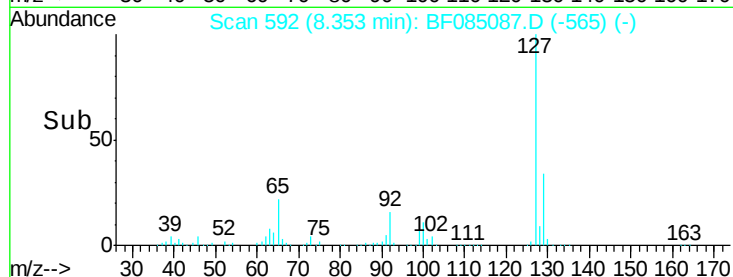


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 61.91 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

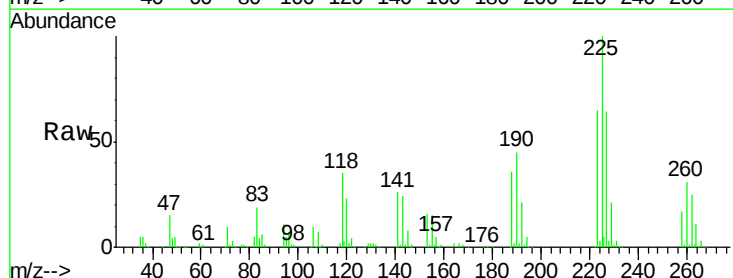
Tgt Ion:225 Resp: 430270

Ion Ratio Lower Upper

225 100

223 64.8 48.6 73.0

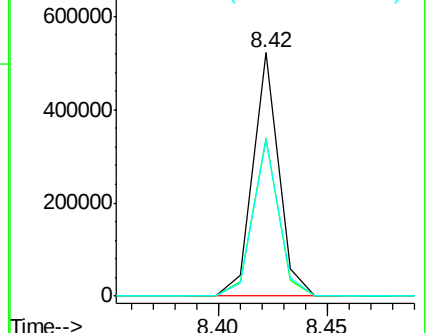
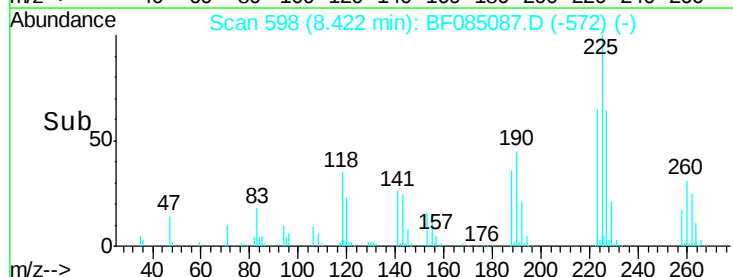
227 64.1 48.9 73.3

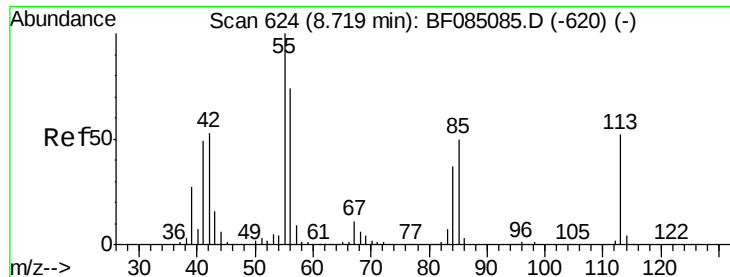


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 68.17 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

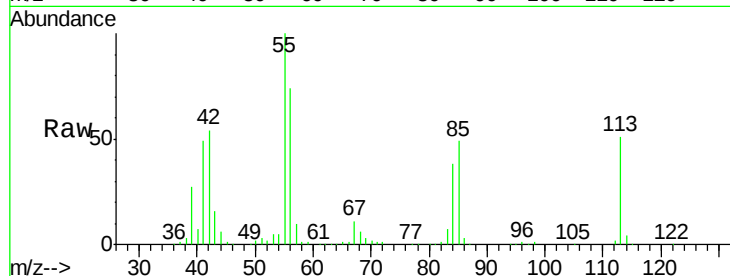
Tot Ion:113 Resp: 197328

Ion Ratio Lower Upper

113 100

55 196.0 173.1 213.1

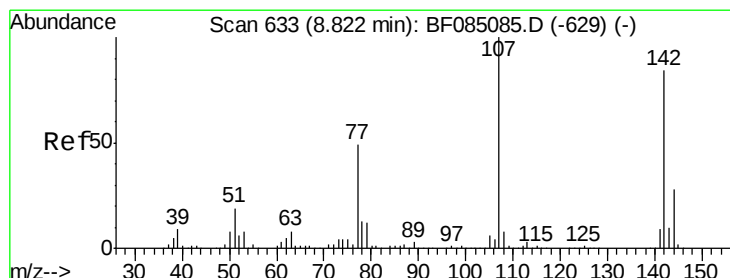
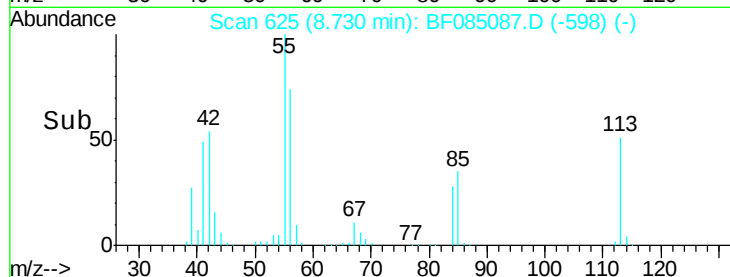
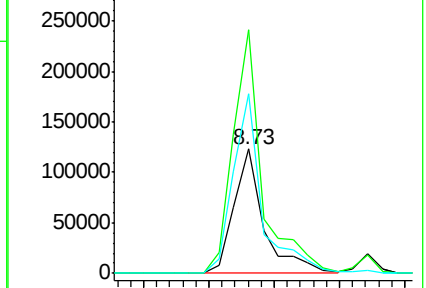
56 144.1 132.9 172.9



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: 53.47 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

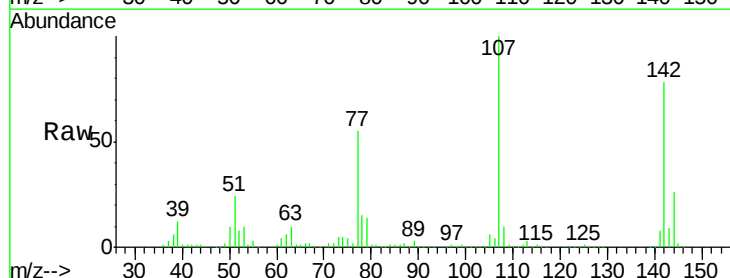
Tgt Ion:107 Resp: 652730

Ion Ratio Lower Upper

107 100

144 25.7 19.2 28.8

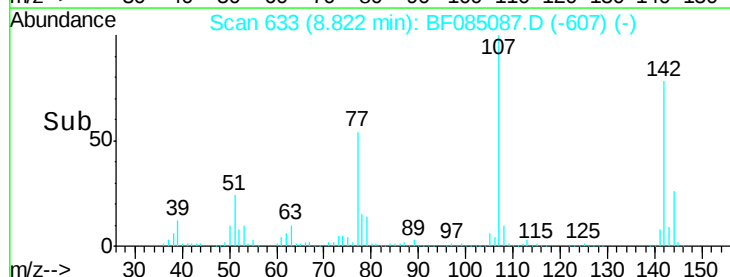
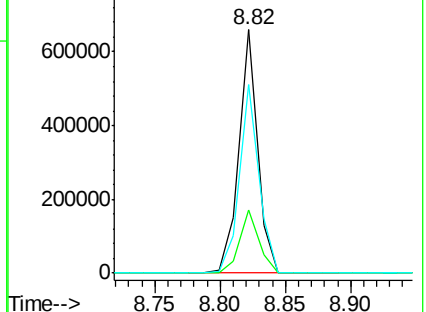
142 77.6 60.6 91.0

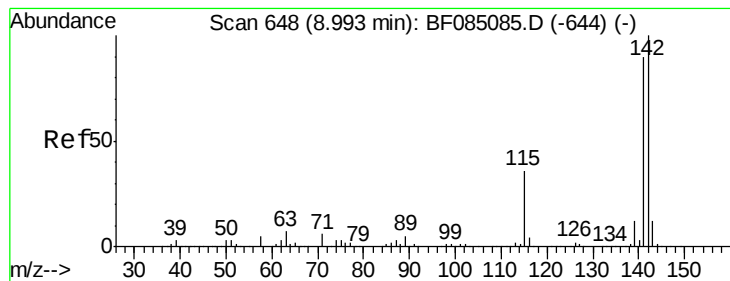


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

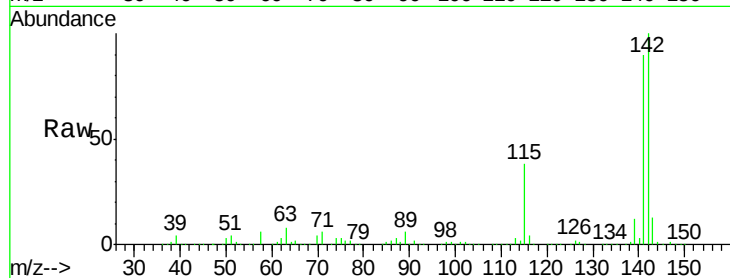




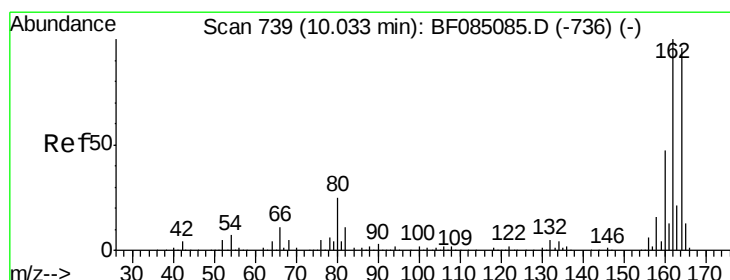
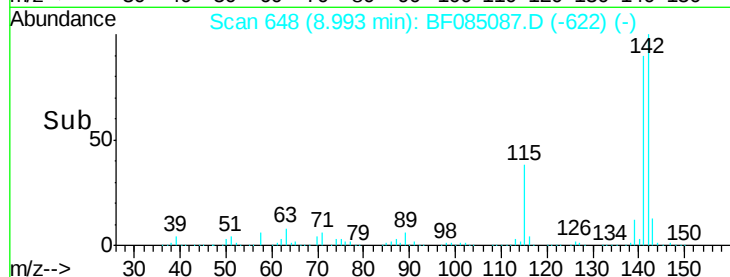
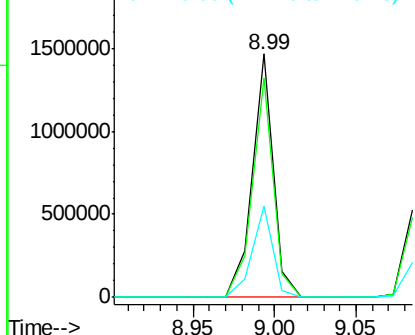
#37
2-Methylnaphthalene
Concen: 51.27 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1309150
Ion Ratio Lower Upper
142 100
141 90.2 69.6 104.4
115 37.7 27.9 41.9

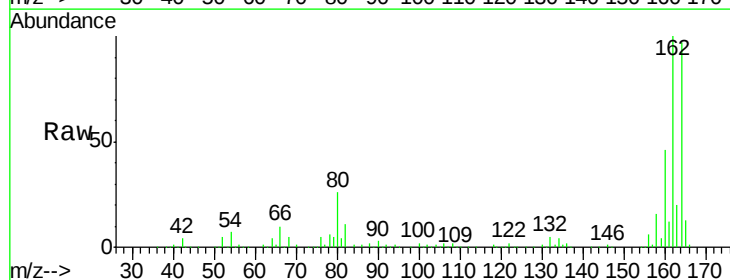


Abundance Ion 142.00 (141.70 to 142.70): E
2000000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

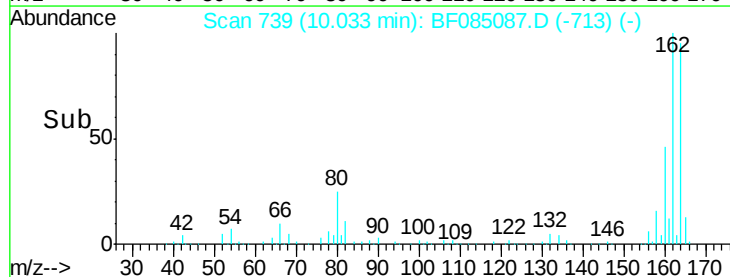
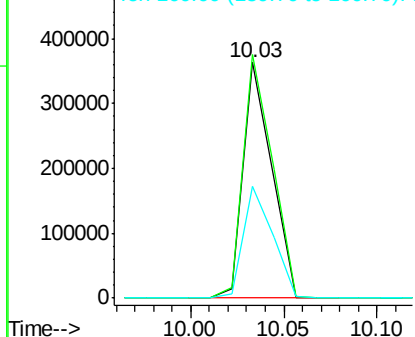


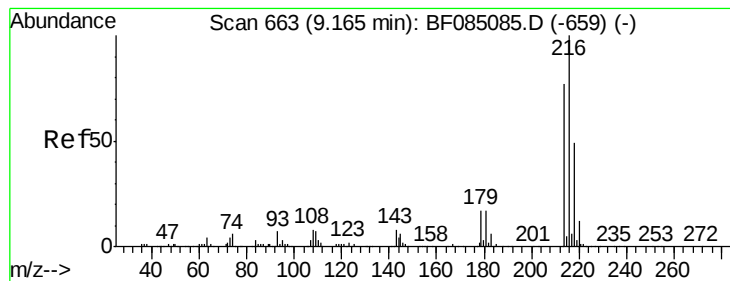
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:164 Resp: 384345
Ion Ratio Lower Upper
164 100
162 103.4 81.1 121.7
160 47.5 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): E
500000
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: 63.43 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 787725

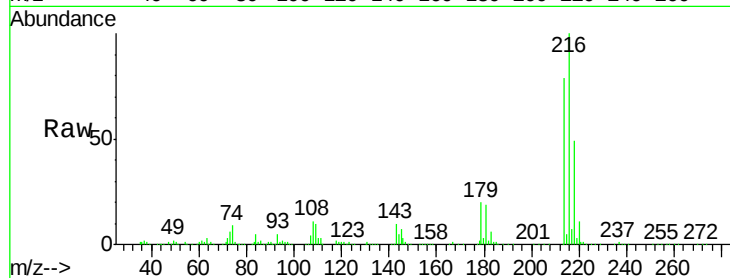
Ion Ratio Lower Upper

216 100

214 79.6 62.2 93.2

179 21.3 18.1 27.1

108 17.9 15.7 23.5

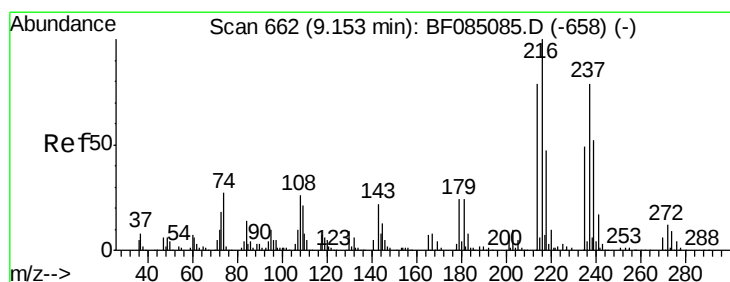
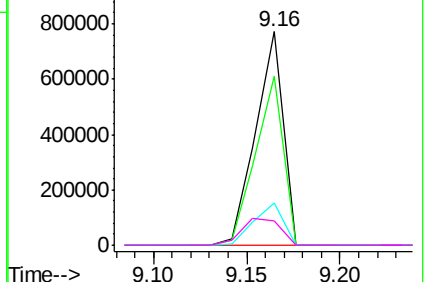
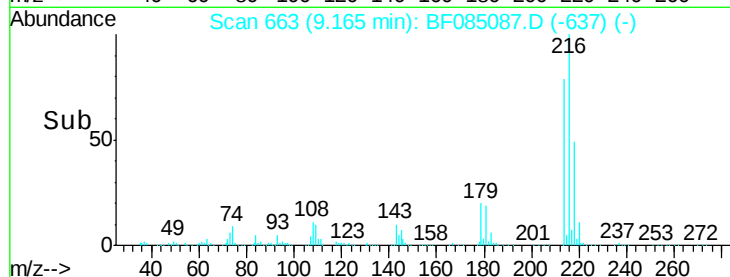


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.45 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

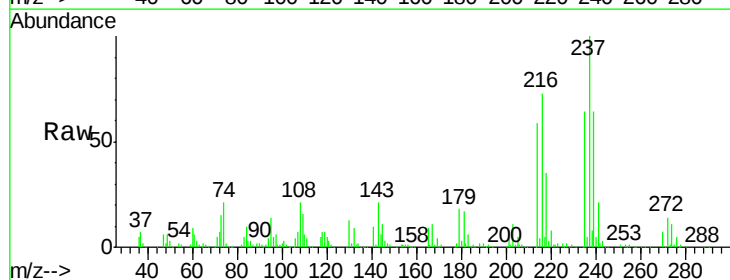
Tgt Ion:237 Resp: 456211

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

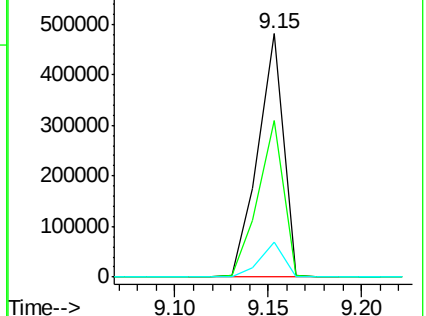
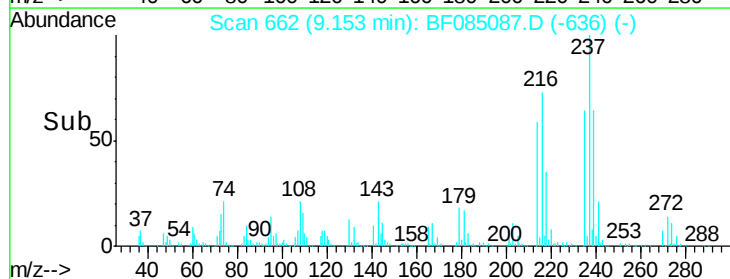
272 14.2 0.0 31.8

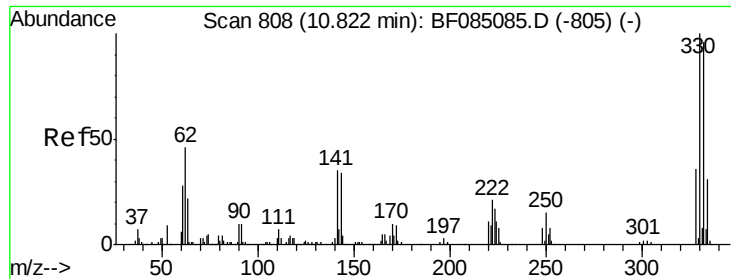


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

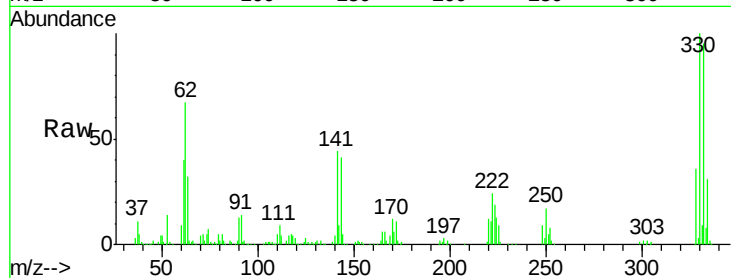




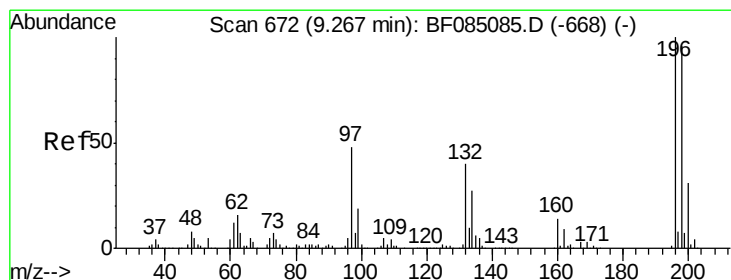
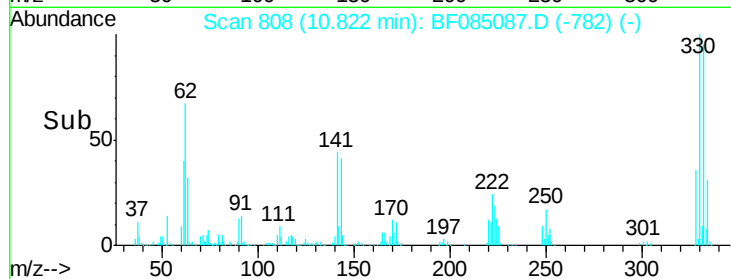
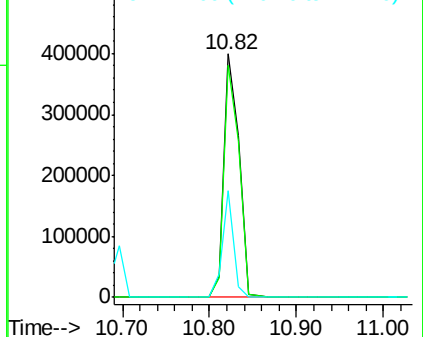
#41
 2,4,6-Tribromophenol
 Concen: 122.58 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 486613
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.5 117.7
 141 32.9 28.6 42.8

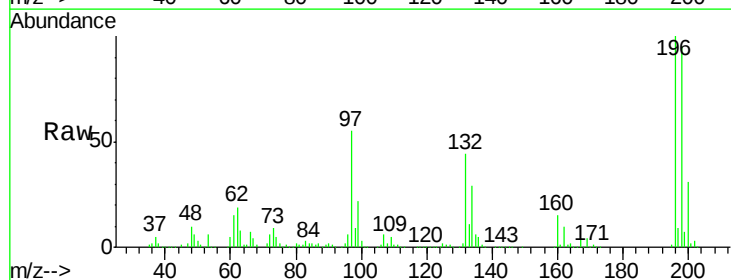


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

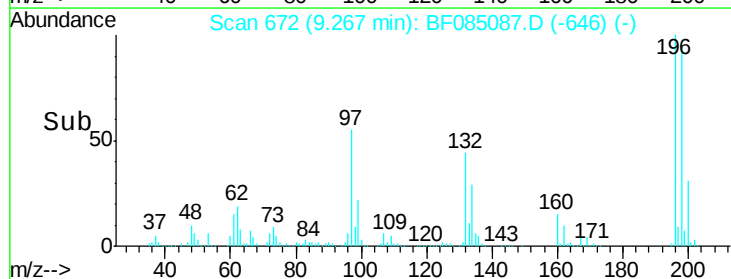
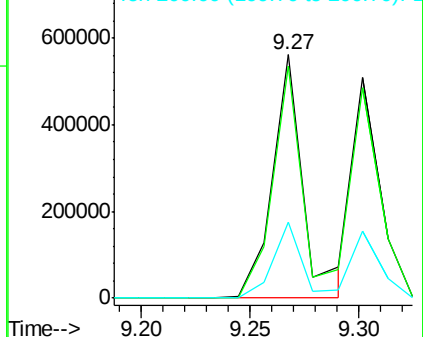


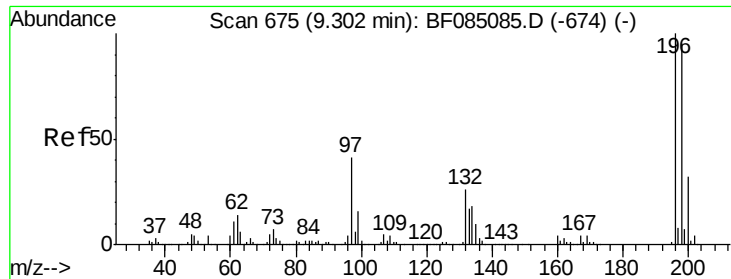
#42
 2,4,6-Trichlorophenol
 Concen: 81.30 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion:196 Resp: 556744
 Ion Ratio Lower Upper
 196 100
 198 95.1 81.0 121.6
 200 31.2 26.3 39.5



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

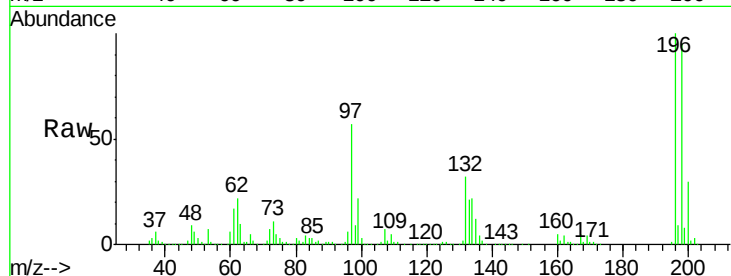




#43
 2,4,5-Trichlorophenol
 Concen: 56.52 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.7	119.5
97	57.1	47.0	70.4
132	31.7	26.4	39.6



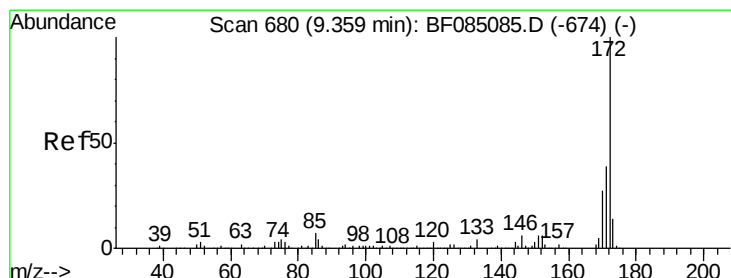
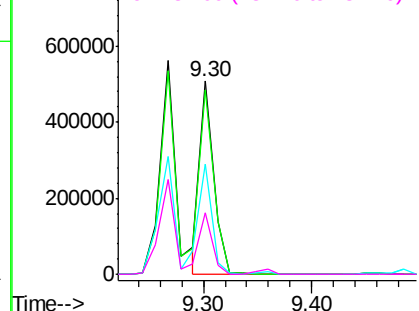
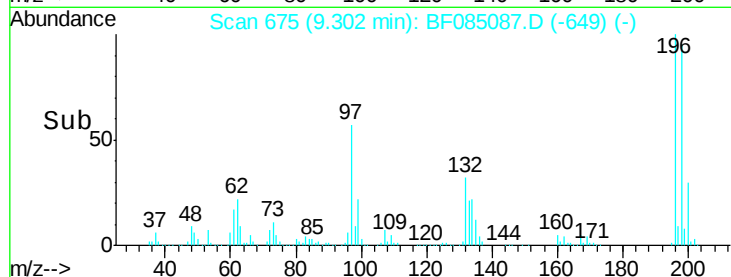
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

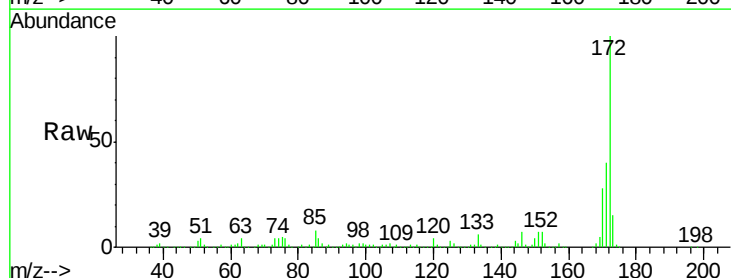
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.53 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	29.1	43.7
170	28.0	19.6	29.4

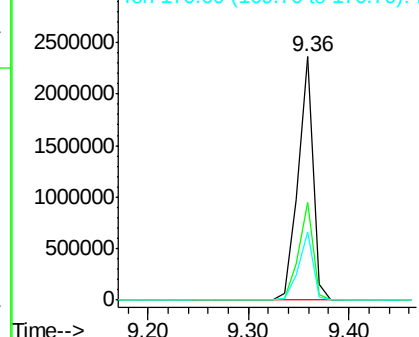
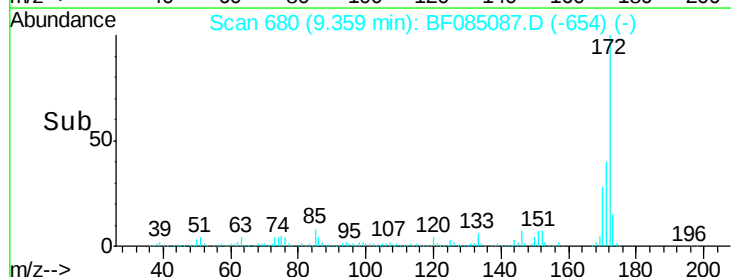


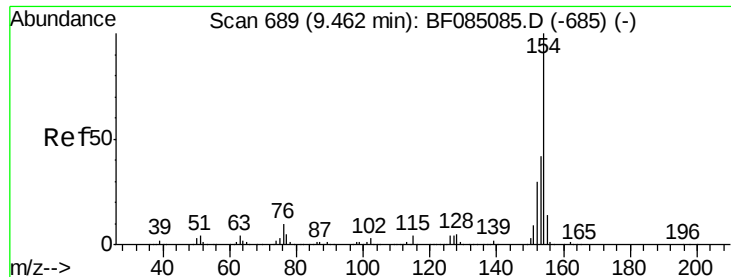
Abundance

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

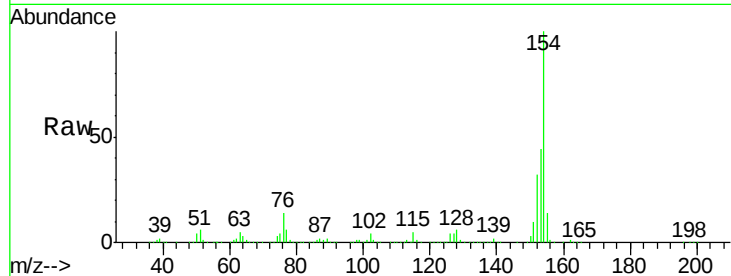




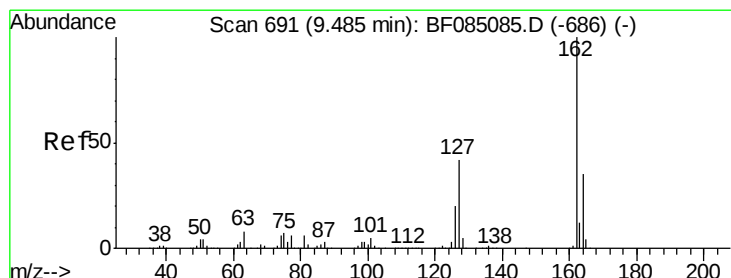
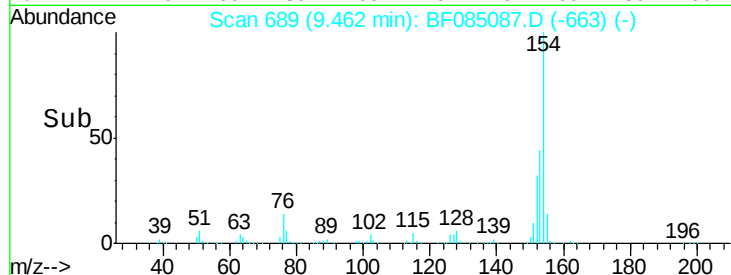
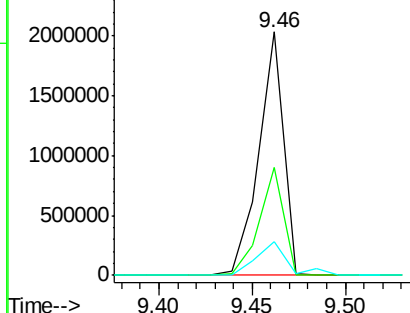
#45
 1,1'-Biphenyl
 Concen: 52.90 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1849284
 Ion Ratio Lower Upper
 154 100
 153 44.2 19.9 59.9
 76 13.8 0.0 31.6

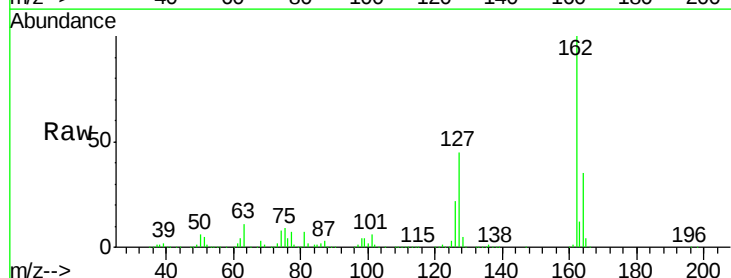


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

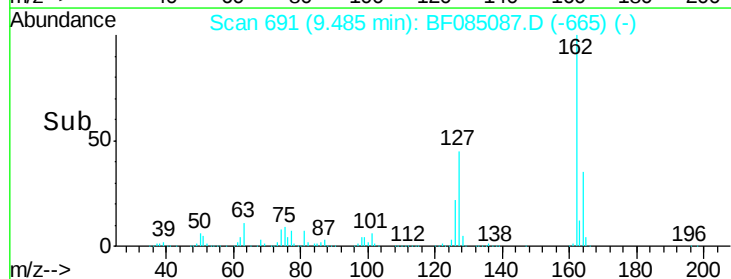
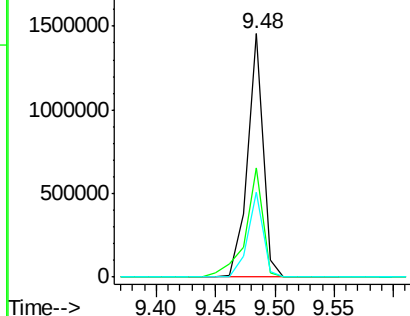


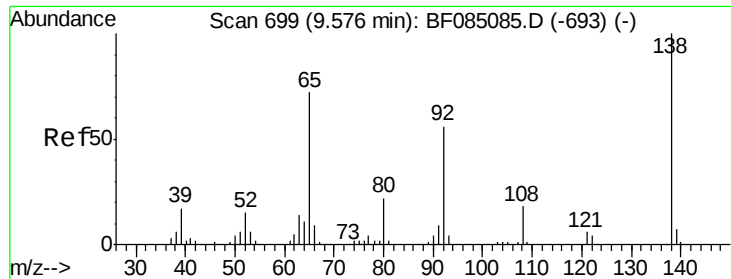
#46
 2-Chloronaphthalene
 Concen: 53.98 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion:162 Resp: 1337318
 Ion Ratio Lower Upper
 162 100
 127 44.9 34.8 52.2
 164 34.7 25.8 38.6



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

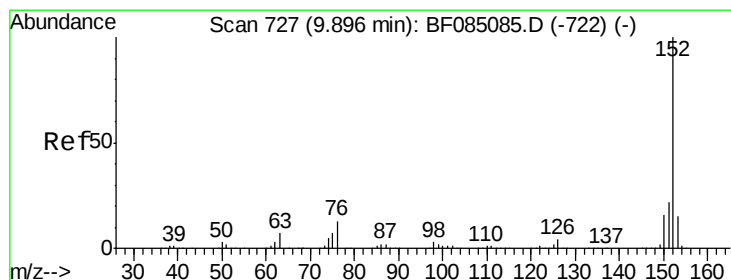
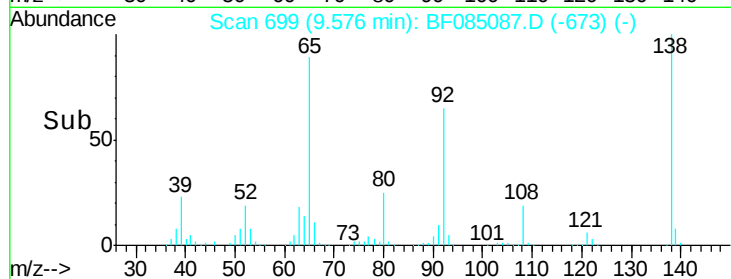
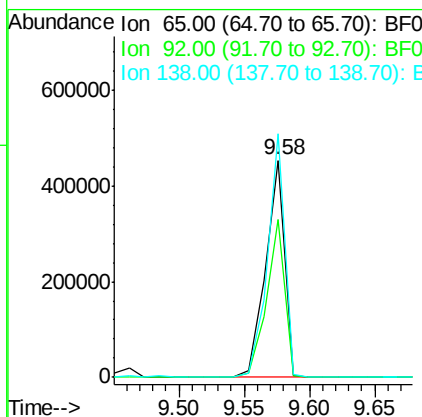
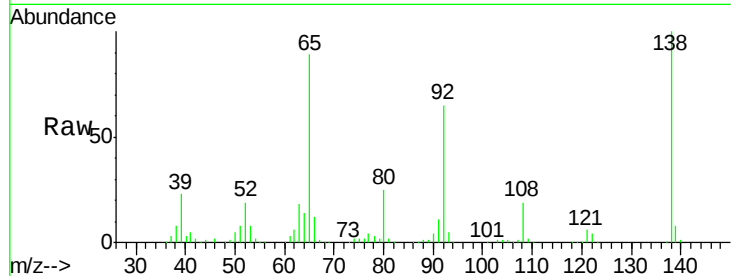




#47
 2-Nitroaniline
 Concen: 60.41 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

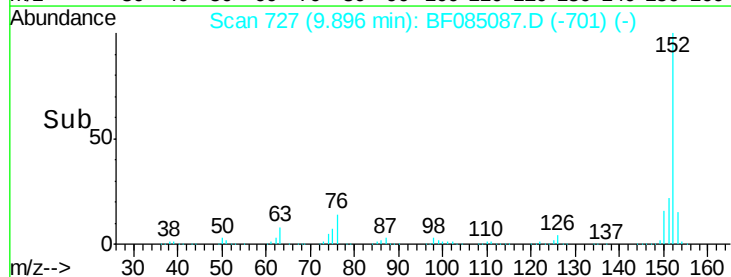
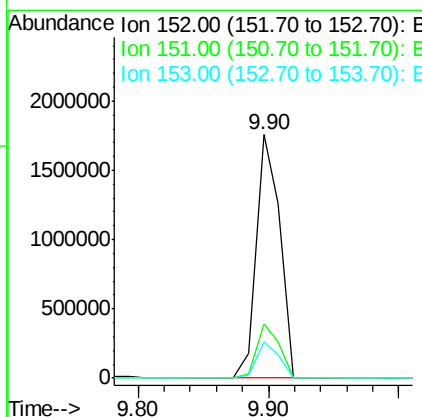
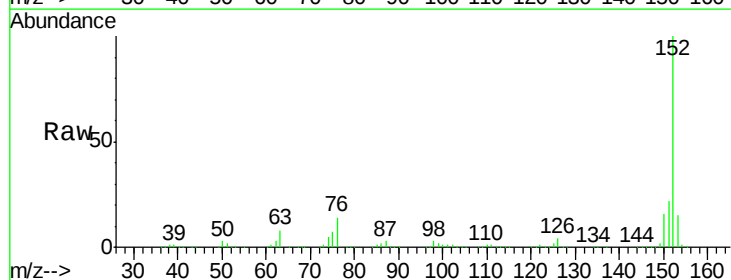
Instrument :
 BNA_F
 ClientSampleId :

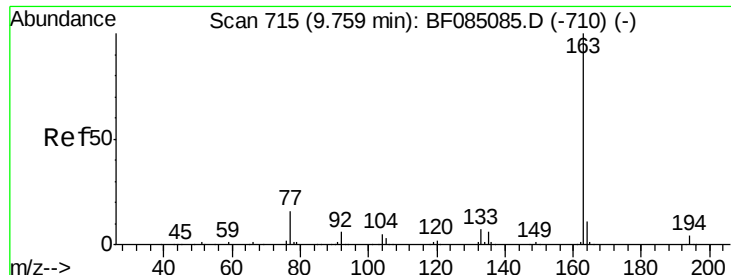
Tot Ion: 65 Resp: 462000
 Ion Ratio Lower Upper
 65 100
 92 72.5 57.1 85.7
 138 112.2 86.8 130.2



#48
 Acenaphthylene
 Concen: 55.82 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion:152 Resp: 2195098
 Ion Ratio Lower Upper
 152 100
 151 22.2 16.0 24.0
 153 15.1 11.1 16.7

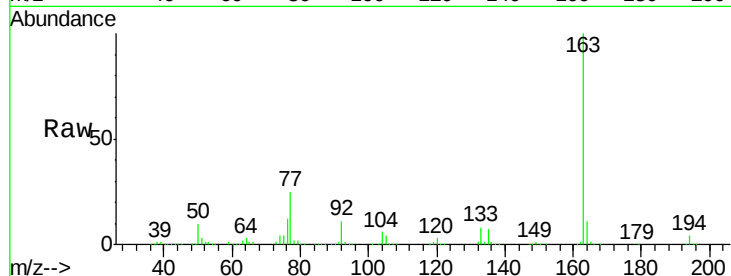




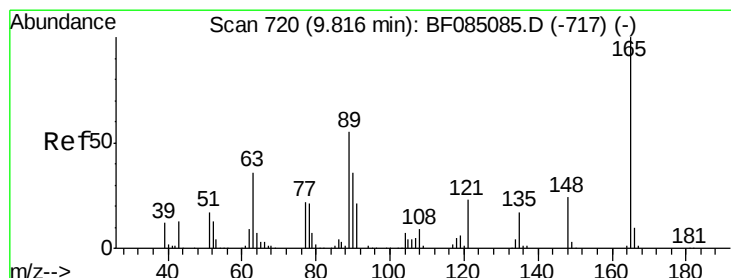
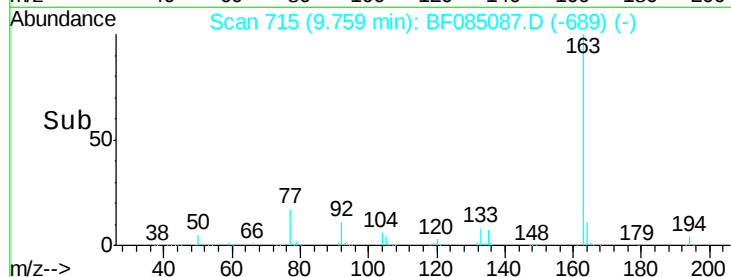
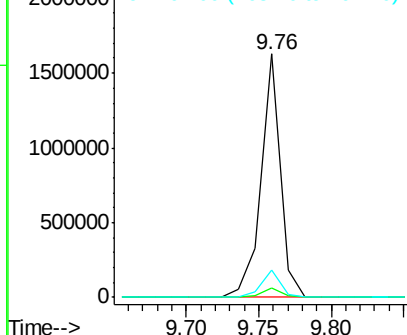
#49
Dimethylphthalate
Concen: 52.18 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1503544
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 11.4 7.8 11.8

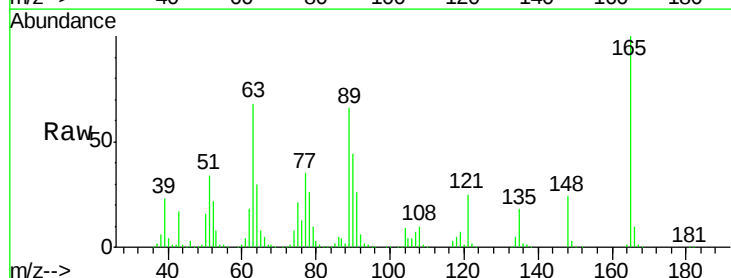


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

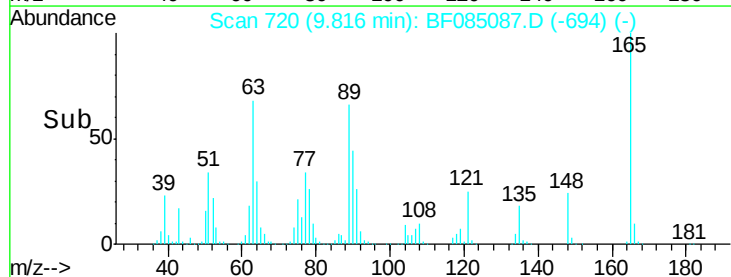
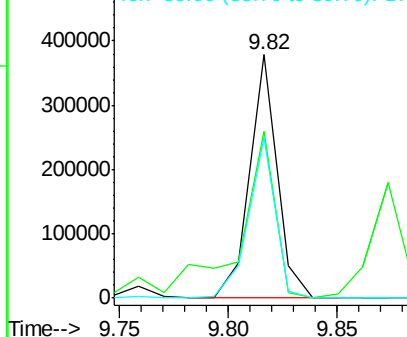


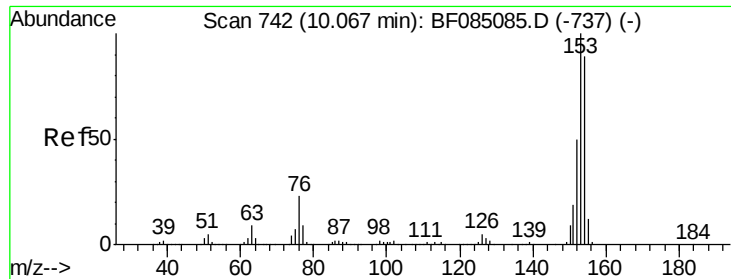
#50
2,6-Dinitrotoluene
Concen: 56.18 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:165 Resp: 332144
Ion Ratio Lower Upper
165 100
63 68.3 47.5 71.3
89 65.9 42.9 64.3#



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: 58.05 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

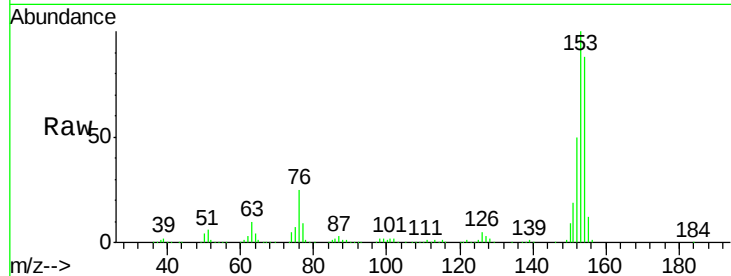
Tot Ion:154 Resp: 1380452

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

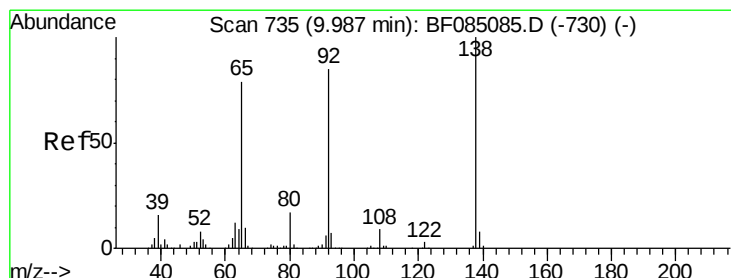
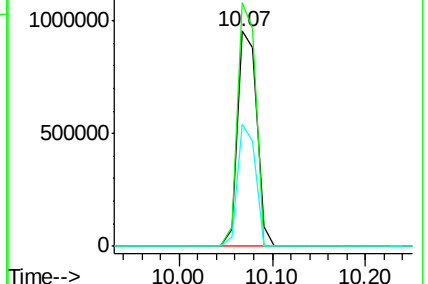
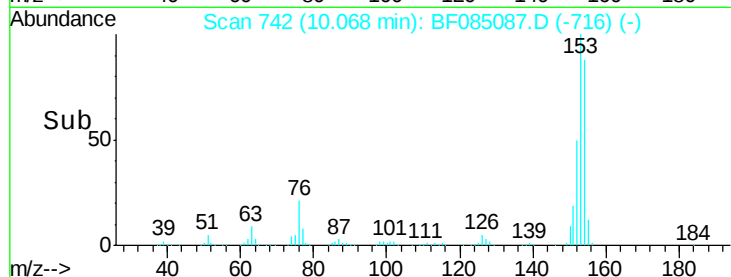
152 56.5 40.7 61.1



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: 62.68 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

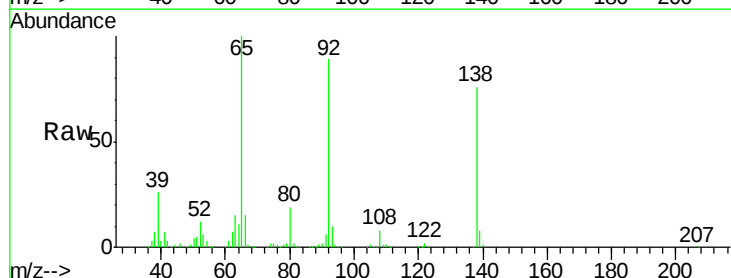
Tgt Ion:138 Resp: 411700

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

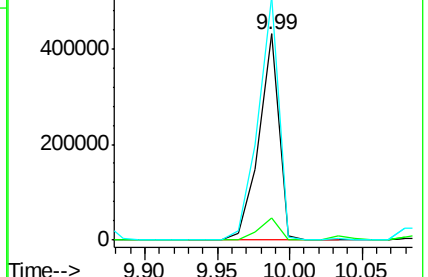
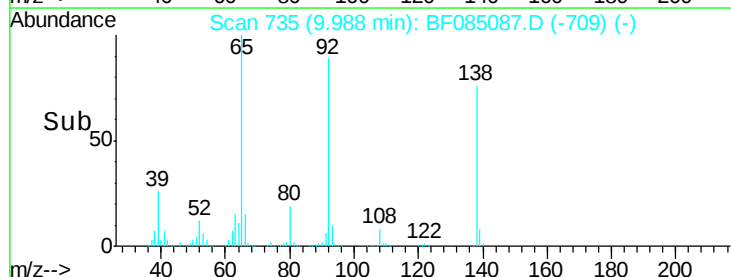
92 118.1 88.9 133.3

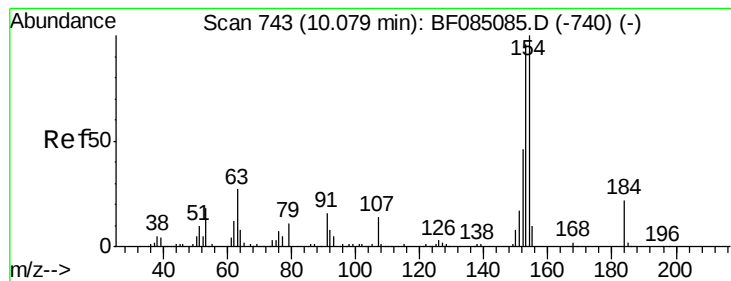


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 81.39 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

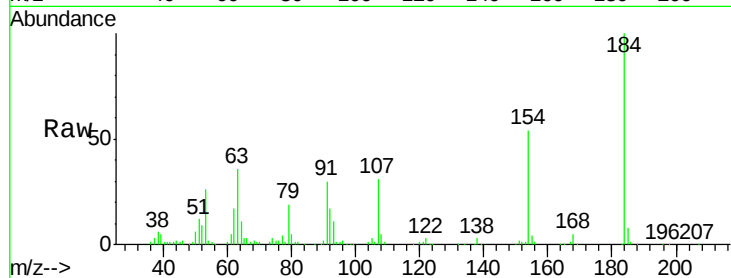
Tot Ion:184 Resp: 159343

Ion Ratio Lower Upper

184 100

63 35.8 60.6 90.8#

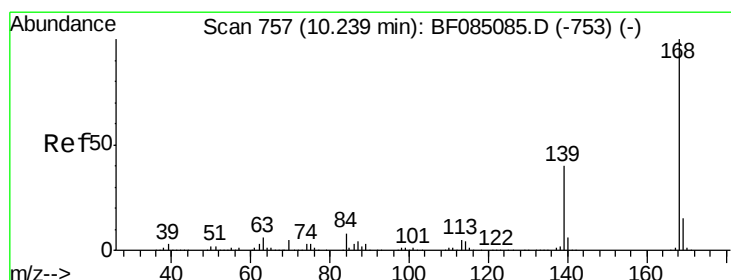
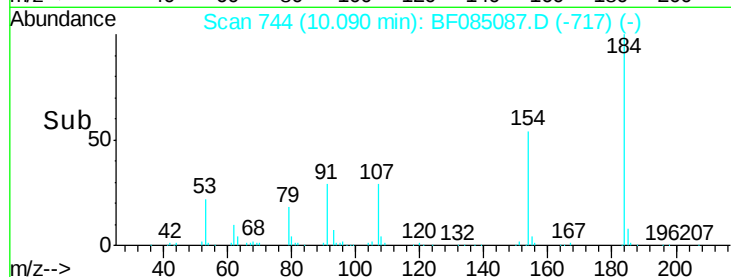
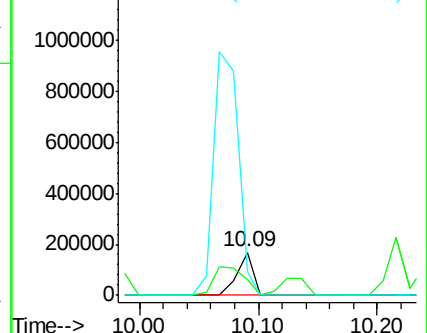
154 53.6 70.2 105.2#



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: 55.05 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

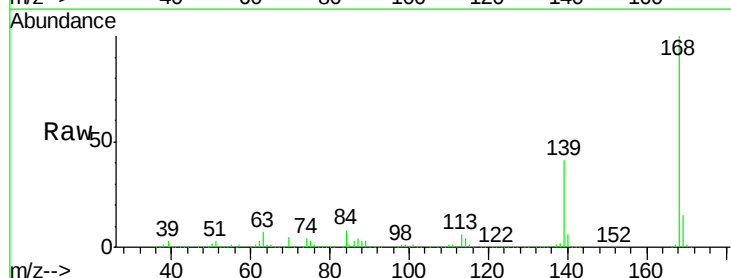
Tgt Ion:168 Resp: 1751236

Ion Ratio Lower Upper

168 100

139 41.4 33.0 49.4

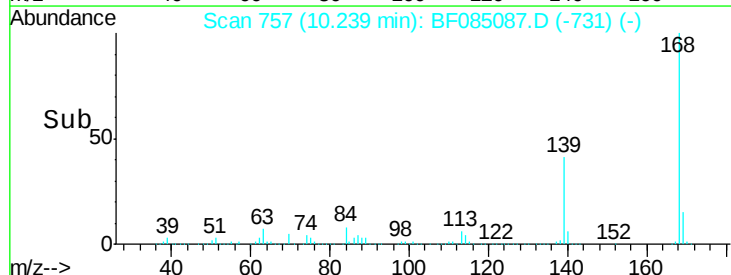
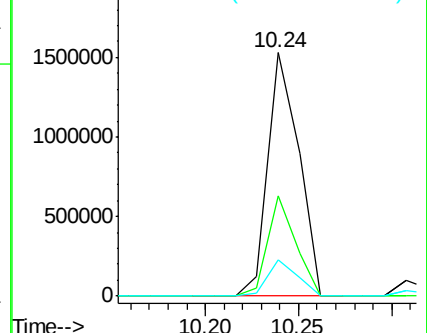
169 14.8 10.9 16.3

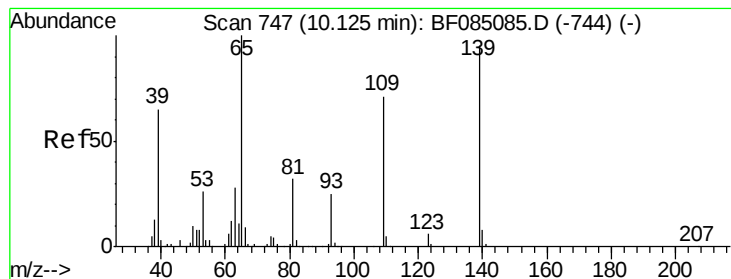


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 90.63 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampled :

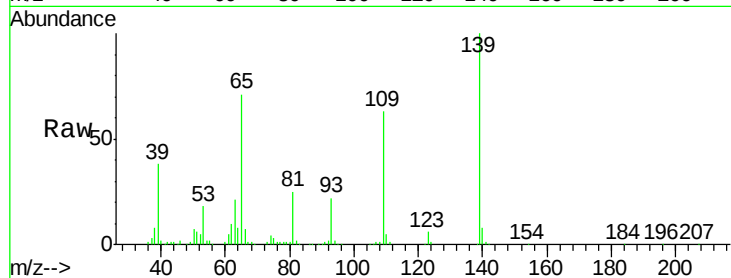
Tot Ion:139 Resp: 381907

Ion Ratio Lower Upper

139 100

109 63.4 48.7 88.7

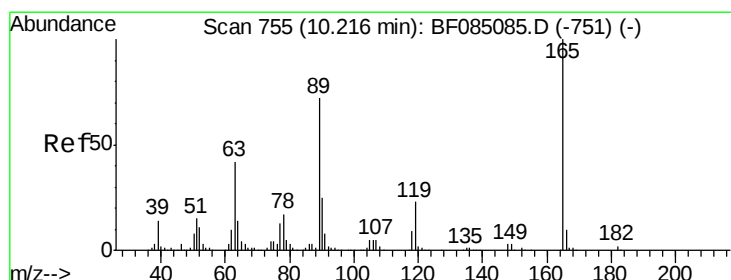
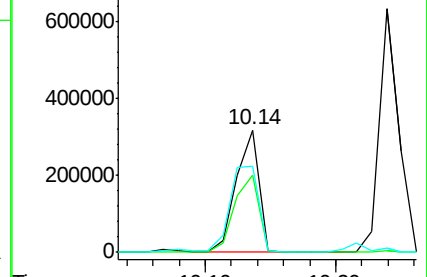
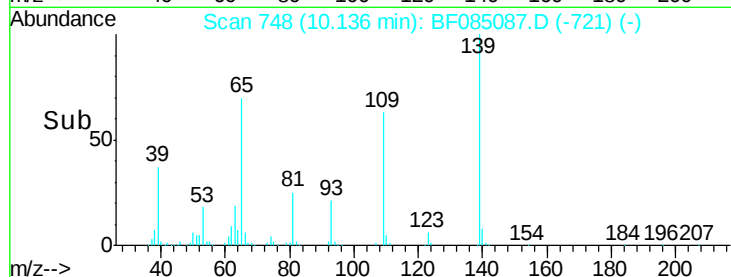
65 70.6 78.8 118.8#



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: 52.22 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Tgt Ion:165 Resp: 420553

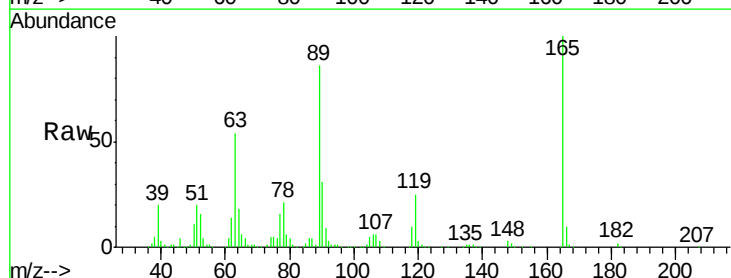
Ion Ratio Lower Upper

165 100

63 53.9 36.6 55.0

89 85.8 54.4 81.6#

182 2.2 1.6 2.4

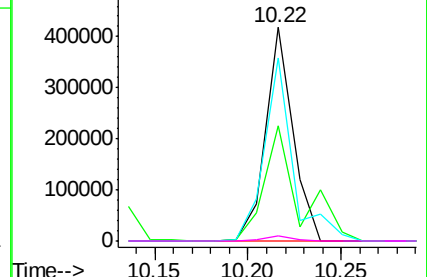
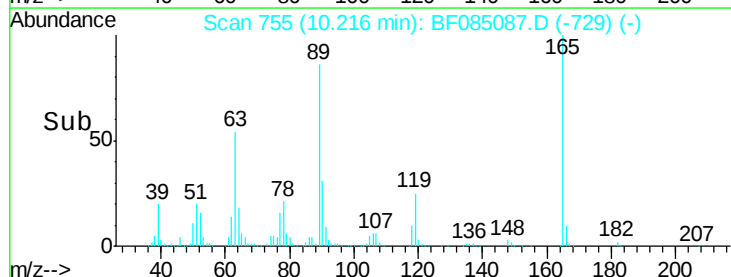


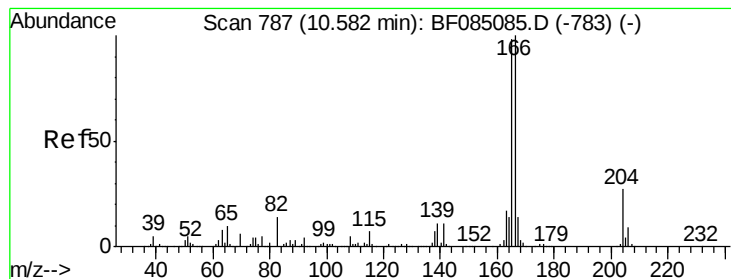
Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.74 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

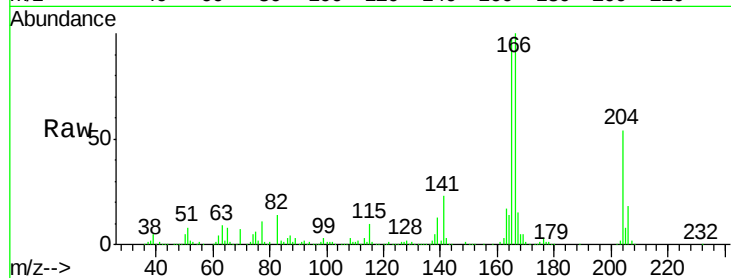
Tot Ion:166 Resp: 1384129

Ion Ratio Lower Upper

166 100

165 96.7 78.9 118.3

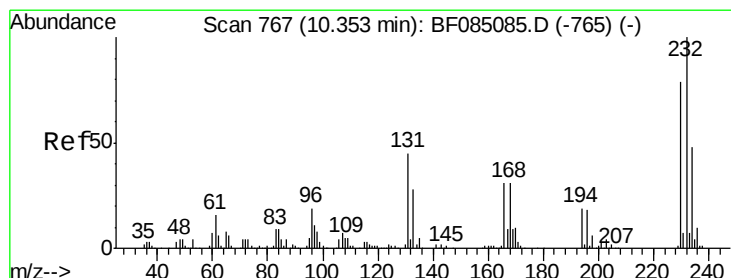
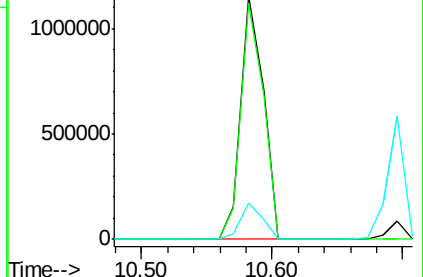
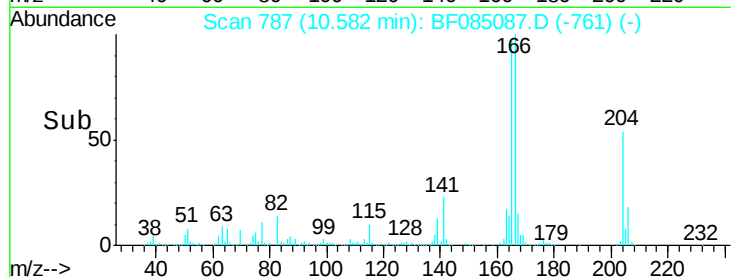
167 14.8 10.9 16.3



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: 64.85 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Tgt Ion:232 Resp: 408690

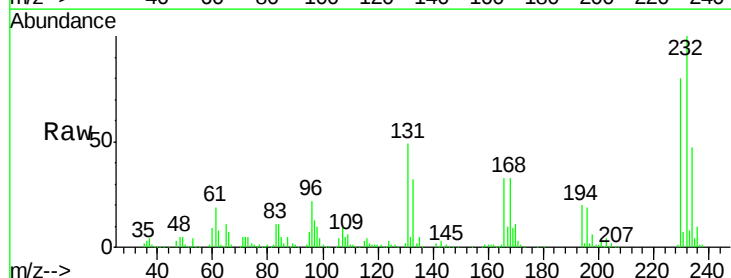
Ion Ratio Lower Upper

232 100

131 45.8 39.7 59.5

130 2.2 1.8 2.8

166 30.2 24.2 36.2

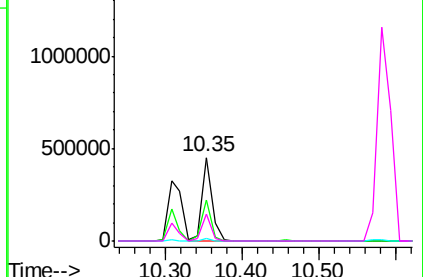
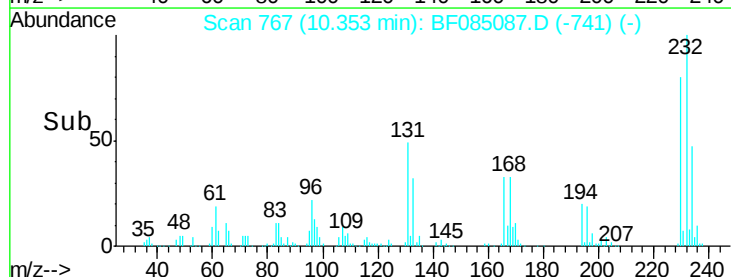


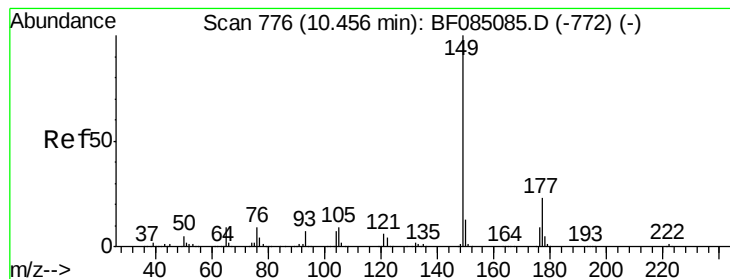
Abundance Ion 232.00 (231.70 to 232.70): E

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: 54.95 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

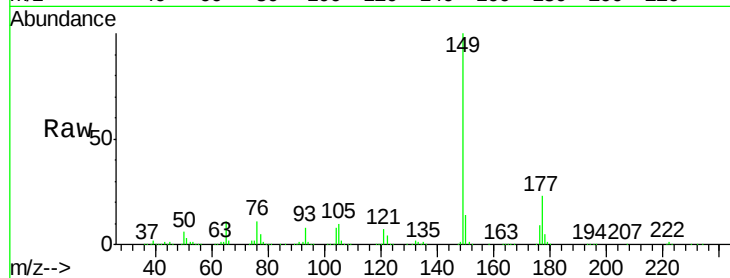
Tot Ion:149 Resp: 1569245

Ion Ratio Lower Upper

149 100

177 23.4 16.4 24.6

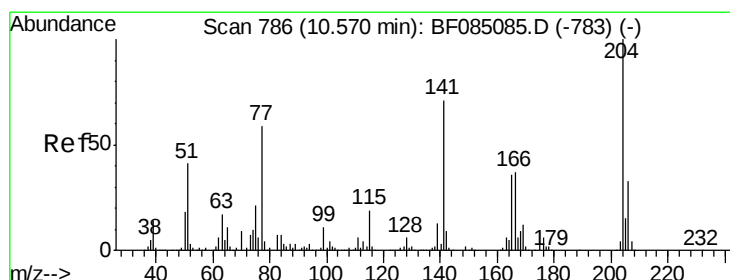
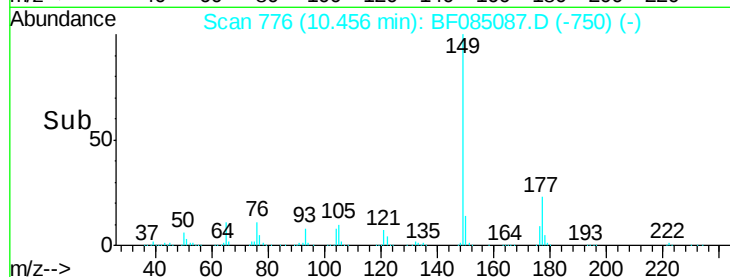
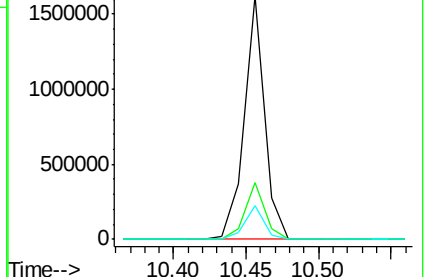
150 14.0 10.2 15.4



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: 59.21 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

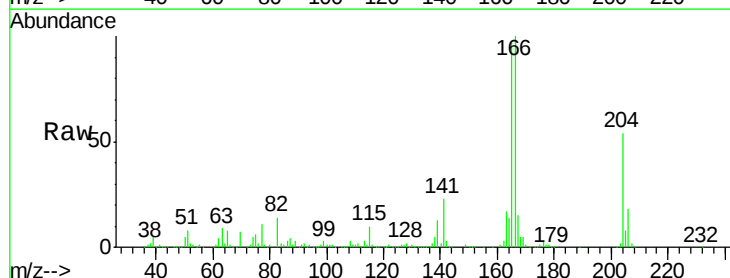
Tgt Ion:204 Resp: 774040

Ion Ratio Lower Upper

204 100

206 33.6 25.8 38.6

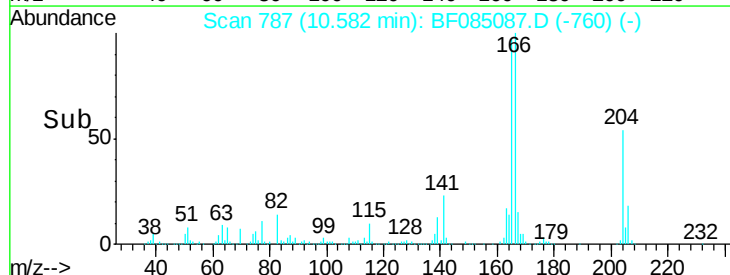
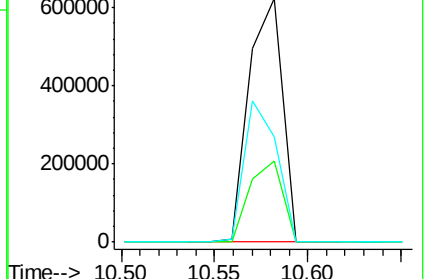
141 43.1 50.5 75.7#

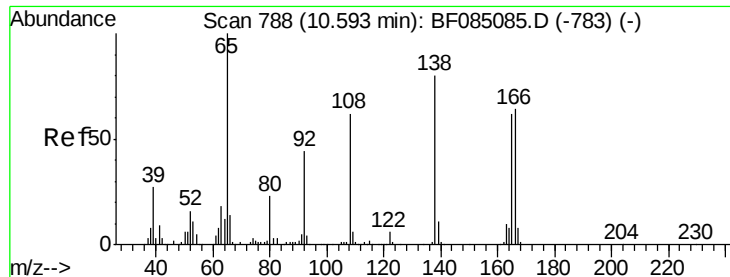


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 68.08 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

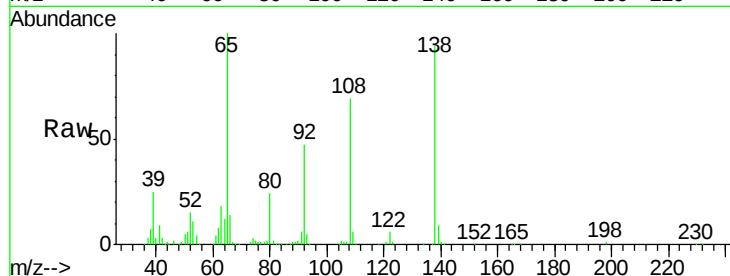
Tot Ion:138 Resp: 410902

Ion Ratio Lower Upper

138 100

92 50.1 32.6 72.6

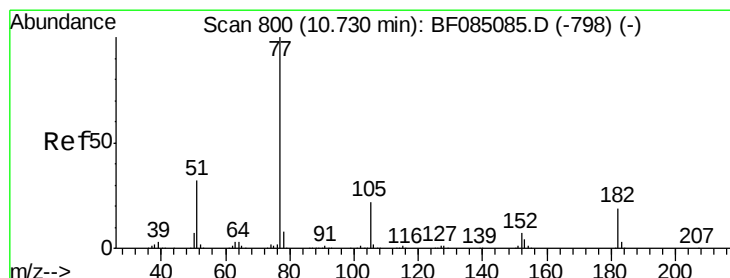
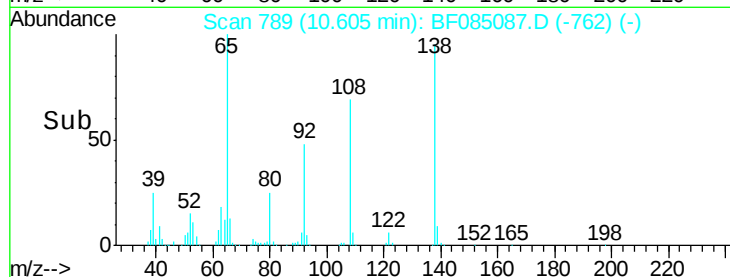
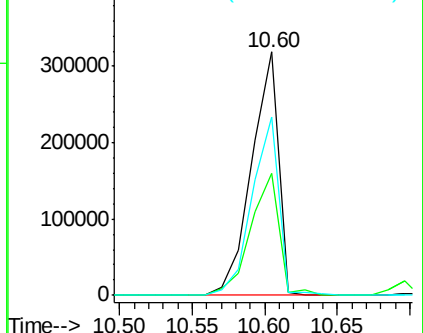
108 73.1 54.6 94.6



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: 59.82 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Tgt Ion: 77 Resp: 1645724

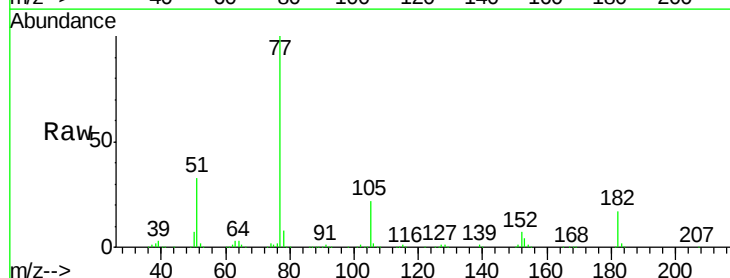
Ion Ratio Lower Upper

77 100

182 17.4 1.3 41.3

105 22.1 4.2 44.2

51 33.0 13.5 53.5

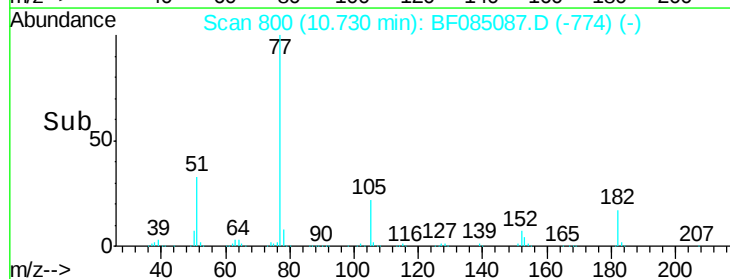
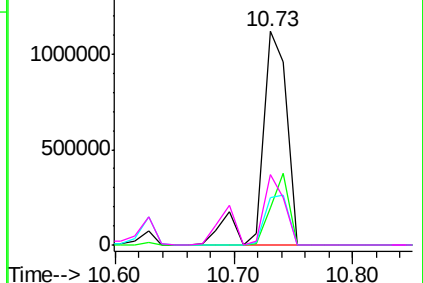


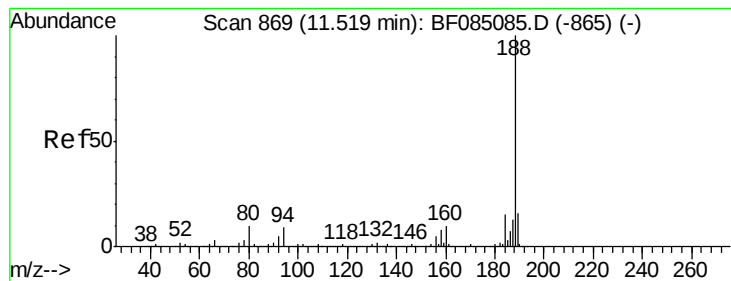
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampled :

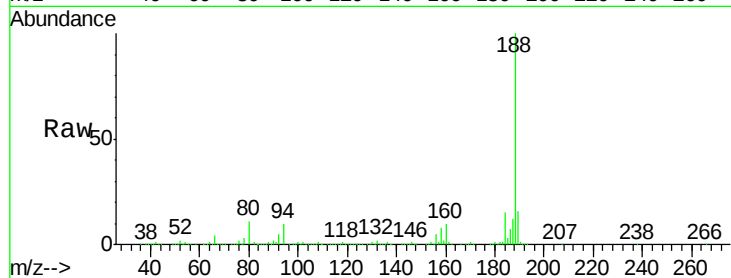
Tot Ion:188 Resp: 764720

Ion Ratio Lower Upper

188 100

94 9.8 6.2 9.2#

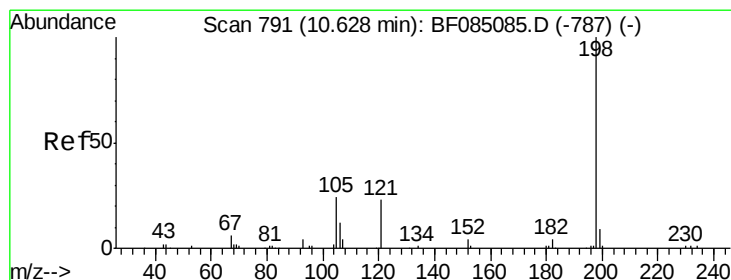
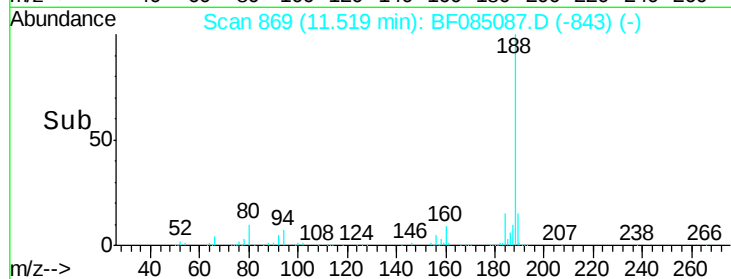
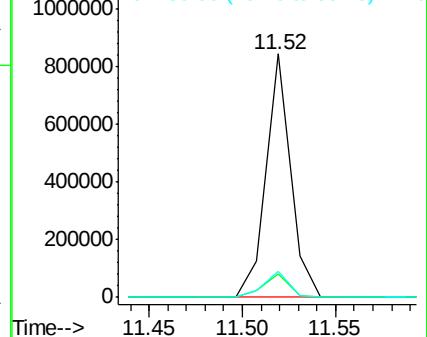
80 10.7 6.6 9.8#



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: 59.44 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

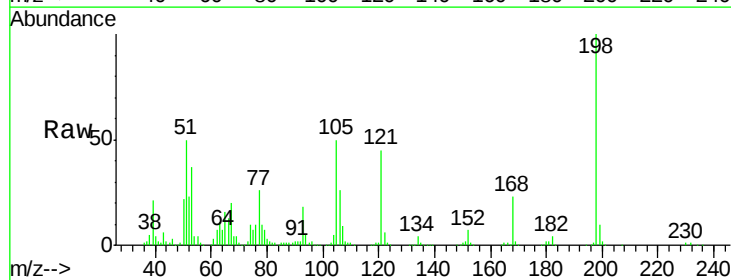
Tgt Ion:198 Resp: 242054

Ion Ratio Lower Upper

198 100

51 49.9 34.5 74.5

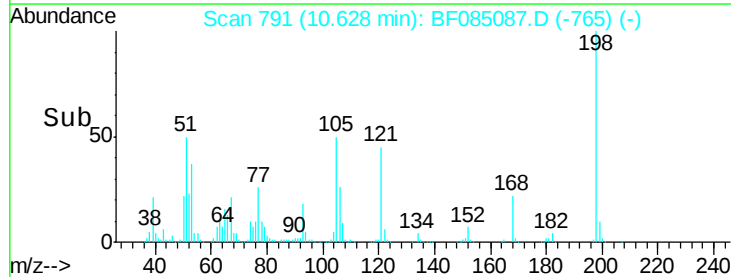
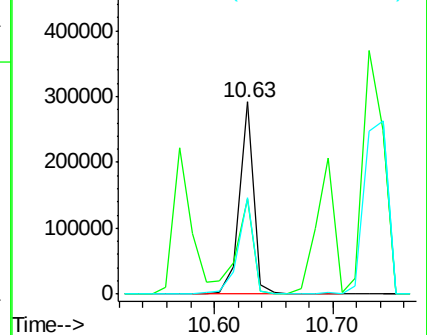
105 50.1 26.2 66.2

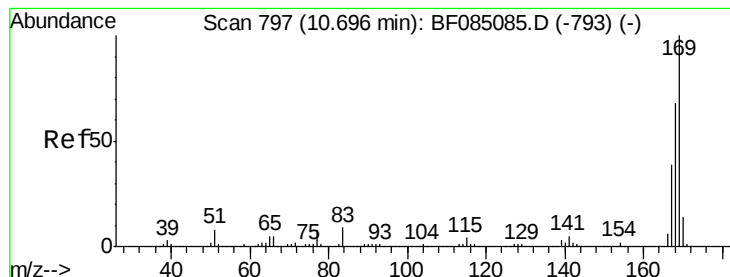


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

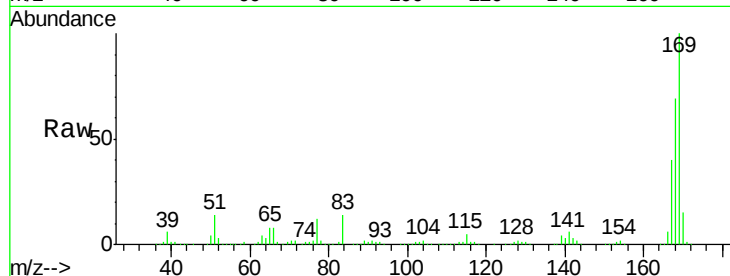




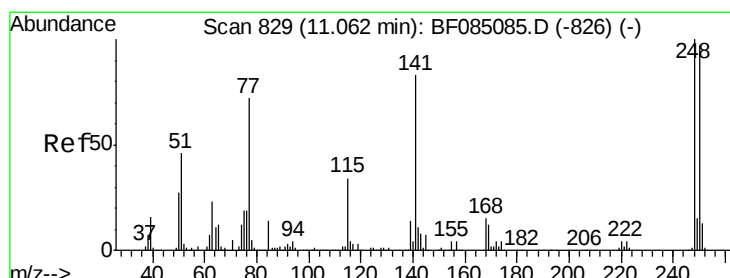
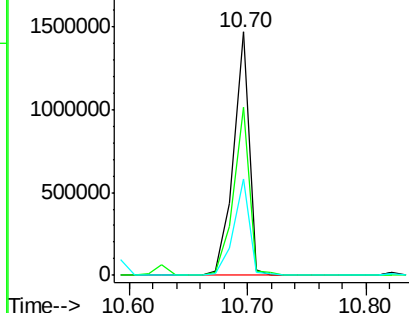
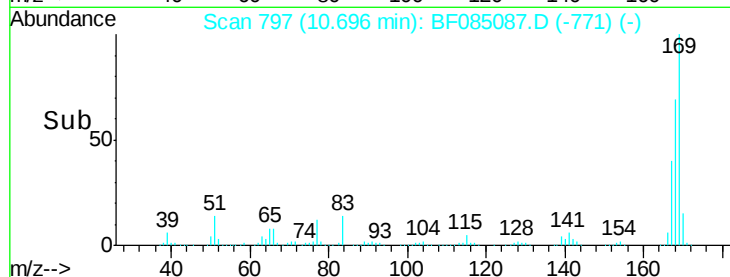
#65
n-Nitrosodiphenylamine
Concen: 55.66 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1351543
Ion Ratio Lower Upper
169 100
168 69.2 54.8 82.2
167 39.8 29.8 44.8

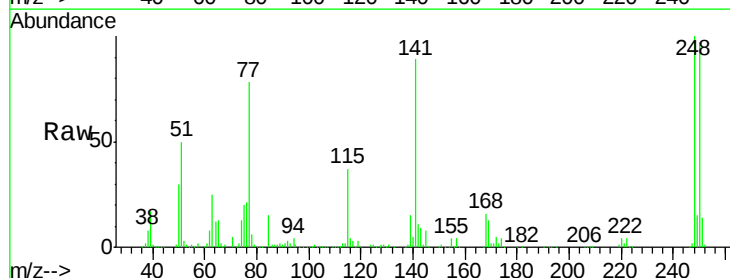


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

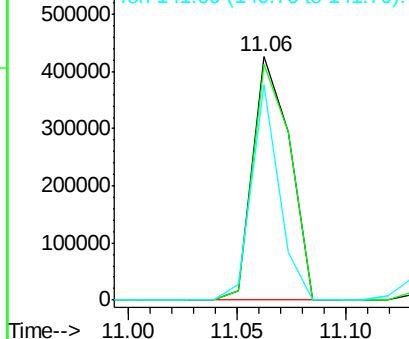
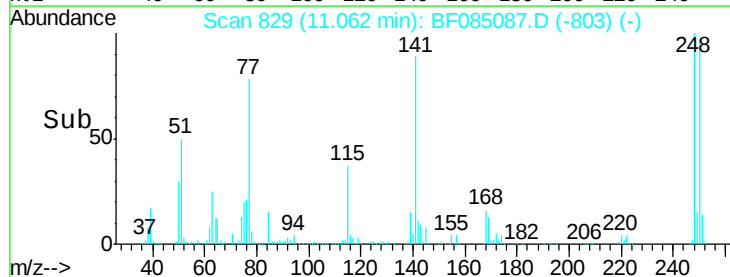


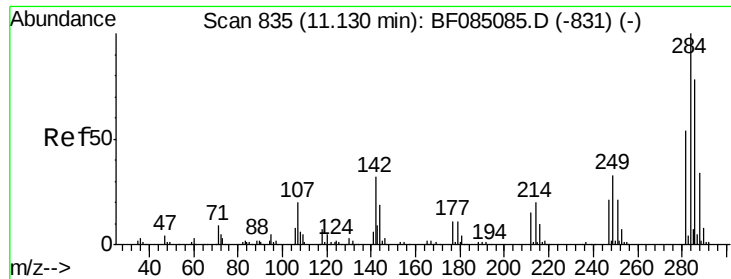
#66
4-Bromophenyl-phenylether
Concen: 59.41 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:248 Resp: 506073
Ion Ratio Lower Upper
248 100
250 97.1 77.5 116.3
141 88.8 58.2 87.4#



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

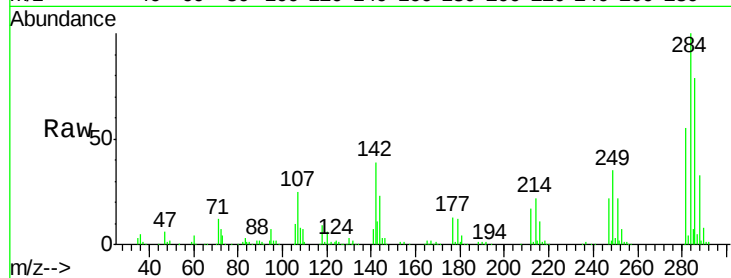




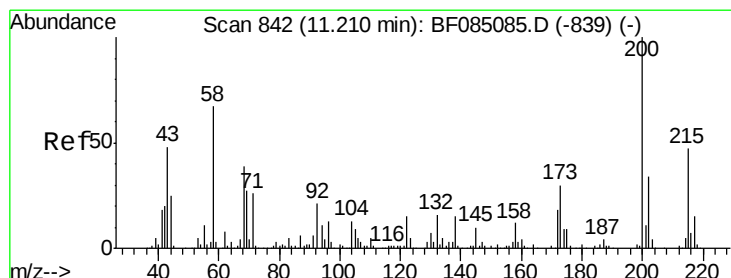
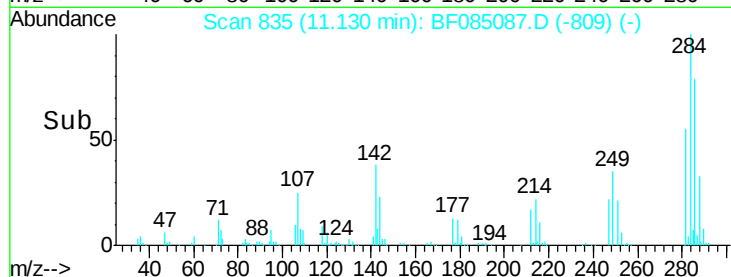
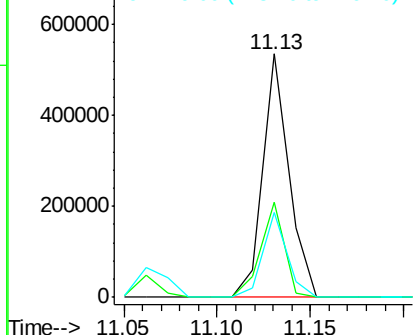
#67
Hexachlorobenzene
Concen: 56.42 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 513837
Ion Ratio Lower Upper
284 100
142 38.9 33.5 50.3
249 35.1 27.4 41.2

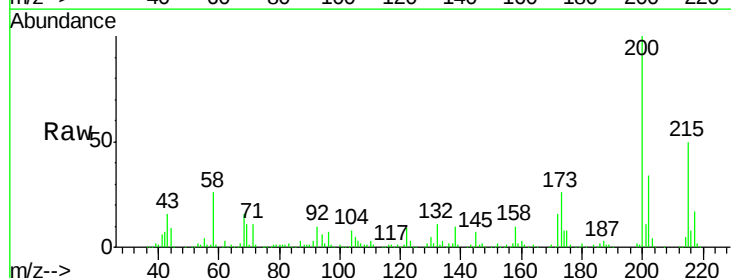


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

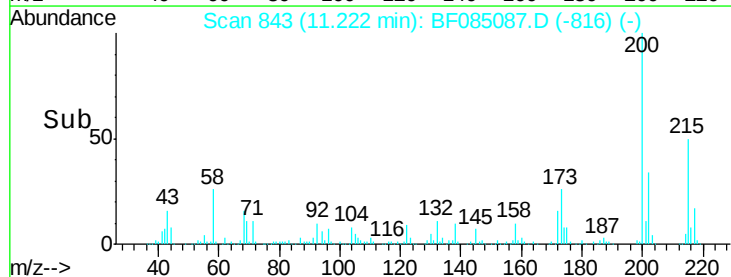
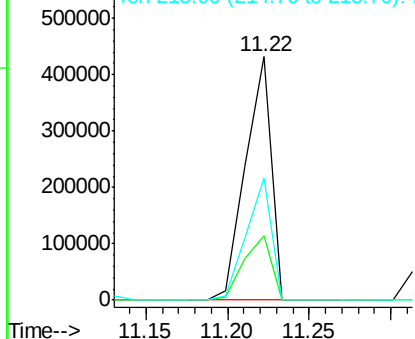


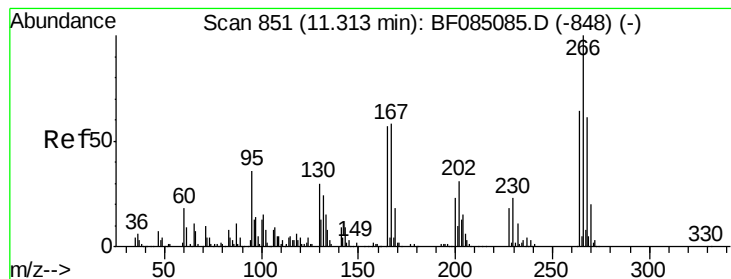
#68
Atrazine
Concen: 67.07 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:200 Resp: 471957
Ion Ratio Lower Upper
200 100
173 26.3 4.7 44.7
215 50.0 24.8 64.8



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: 105.69 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

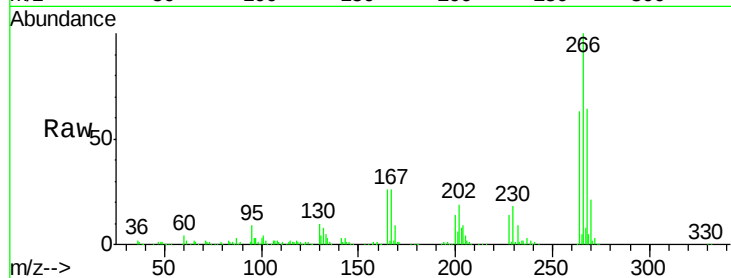
Tot Ion:266 Resp: 370065

Ion Ratio Lower Upper

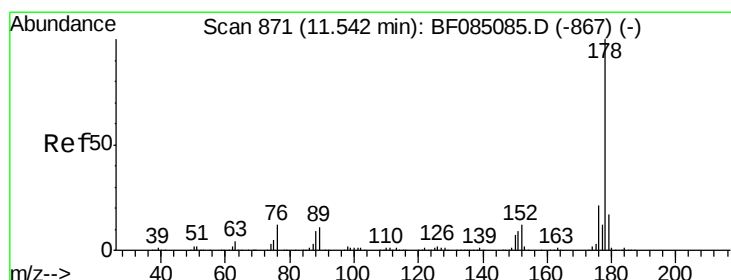
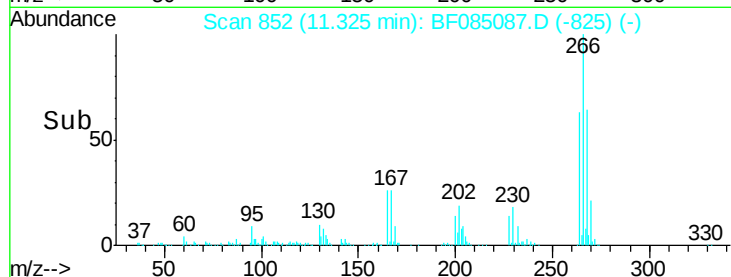
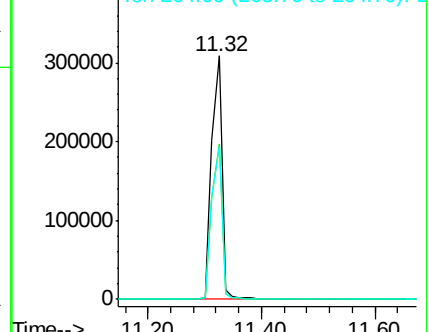
266 100

268 63.7 47.3 70.9

264 62.8 49.8 74.6



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: 50.47 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

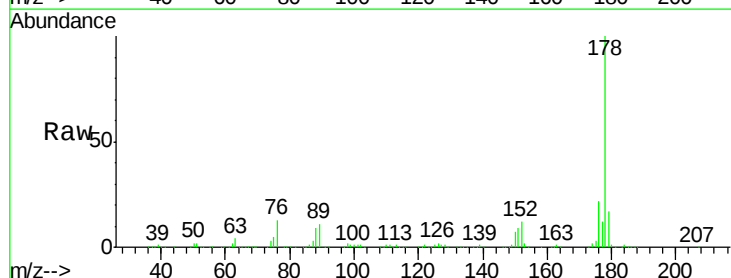
Tgt Ion:178 Resp: 2127948

Ion Ratio Lower Upper

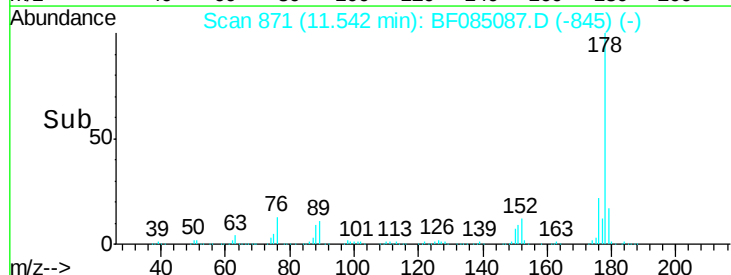
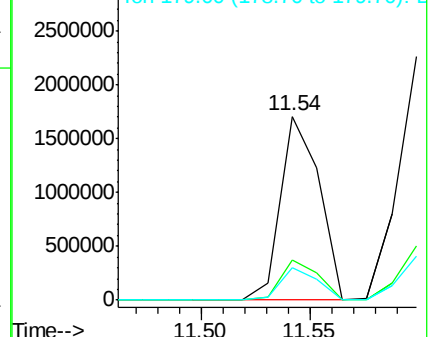
178 100

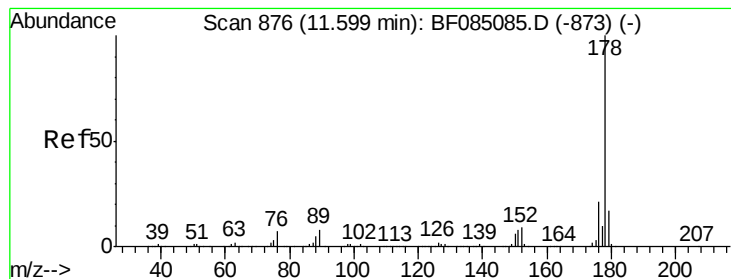
176 22.0 15.9 23.9

179 17.4 13.1 19.7



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

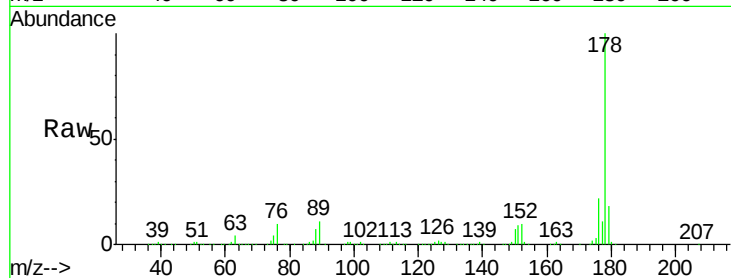




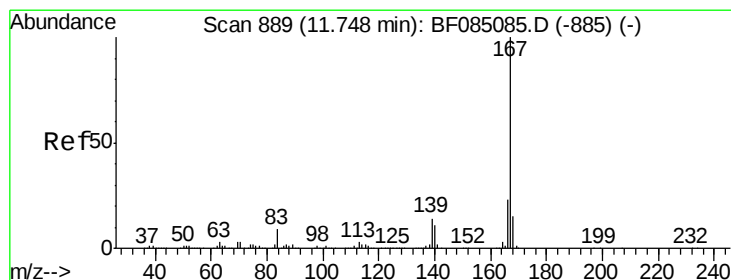
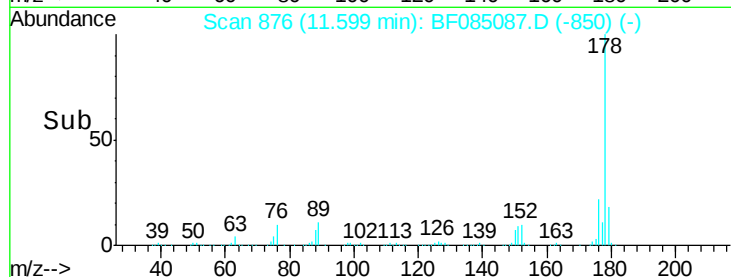
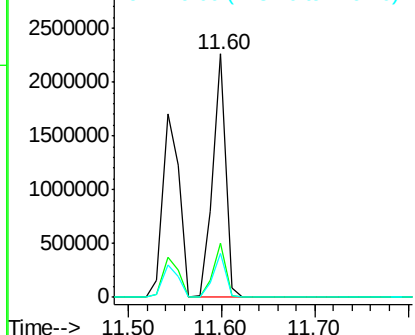
#71
 Anthracene
 Concen: 49.37 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2175360
 Ion Ratio Lower Upper
 178 100
 176 22.2 14.8 22.2
 179 17.8 12.2 18.2

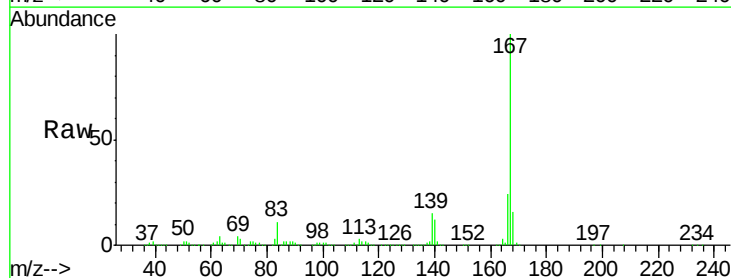


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

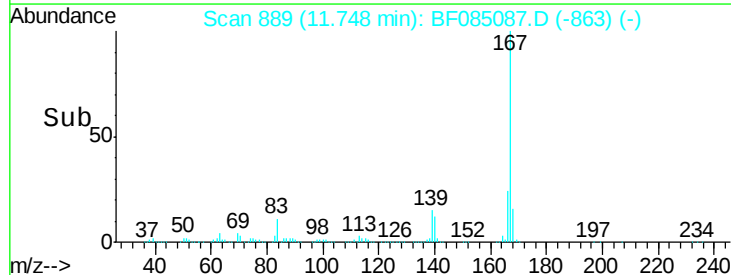
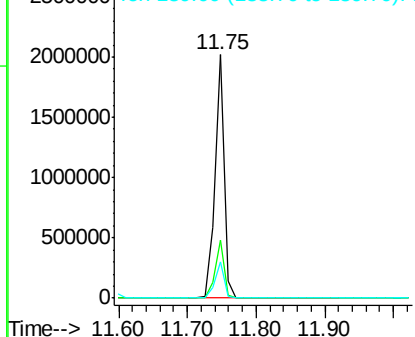


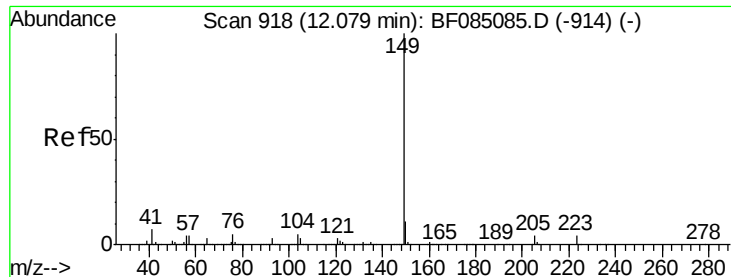
#72
 Carbazole
 Concen: 52.17 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion:167 Resp: 1903451
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.4 26.0
 139 15.1 11.0 16.6



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: 48.22 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

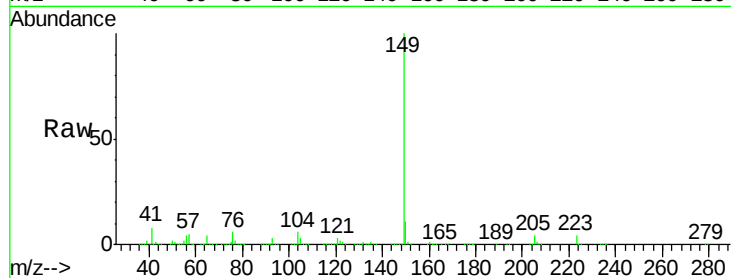
Tot Ion:149 Resp: 2309039

Ion Ratio Lower Upper

149 100

150 11.1 7.5 11.3

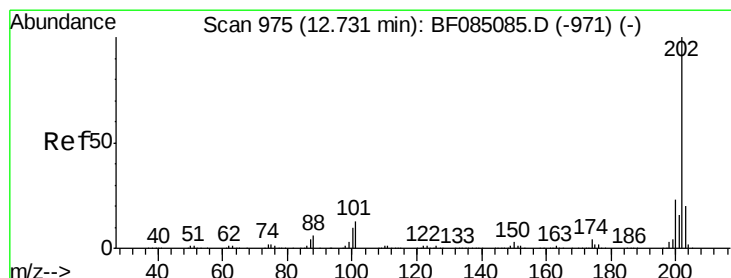
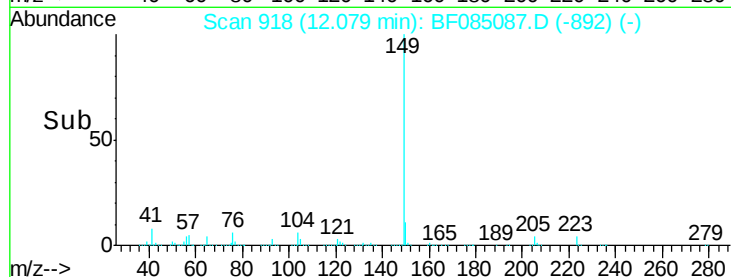
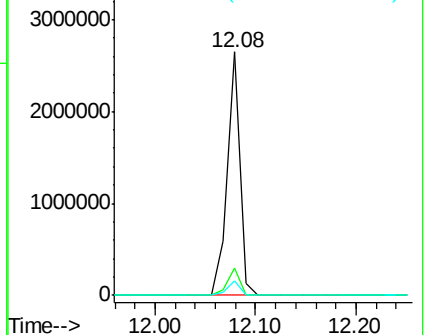
104 5.9 4.2 6.2



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: 51.47 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

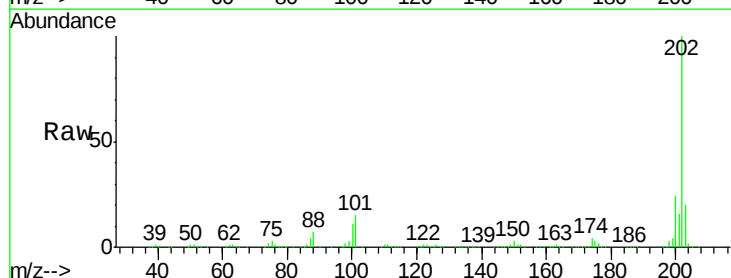
Tgt Ion:202 Resp: 2162349

Ion Ratio Lower Upper

202 100

101 14.9 0.0 29.8

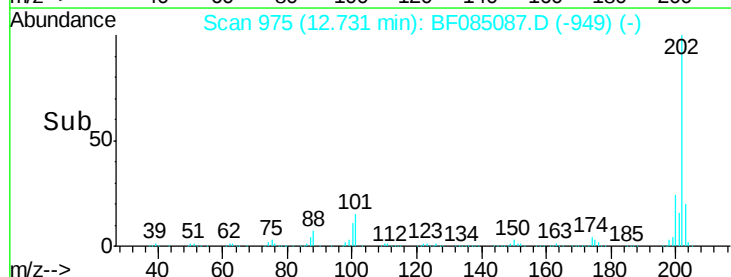
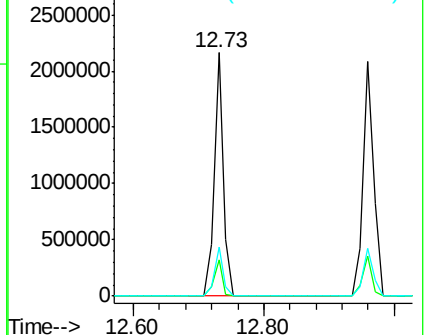
203 20.4 0.0 37.5

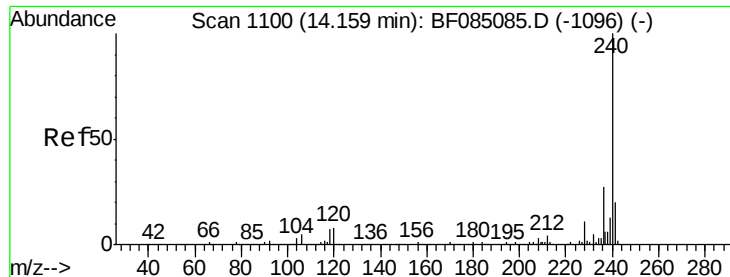


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampled :

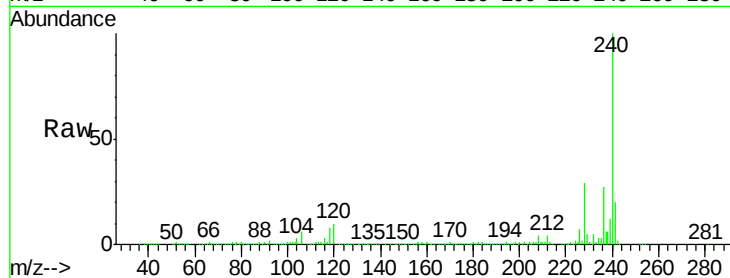
Tot Ion:240 Resp: 737114

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

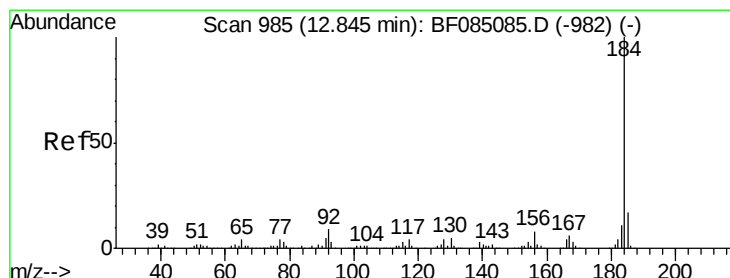
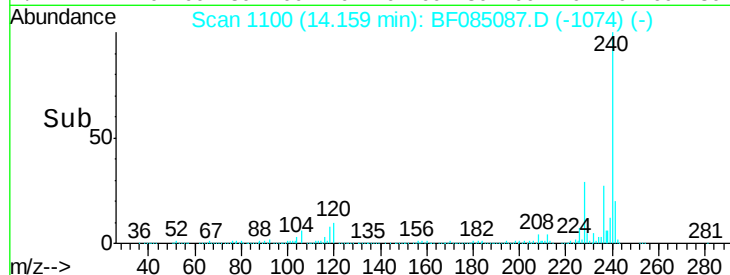
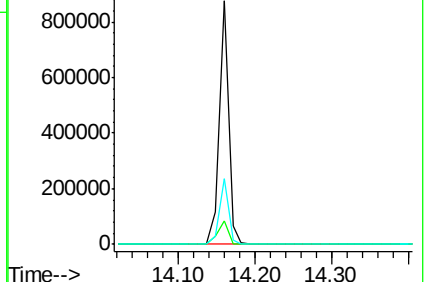
236 27.0 20.5 30.7



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: 84.01 ng

RT: 12.84 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

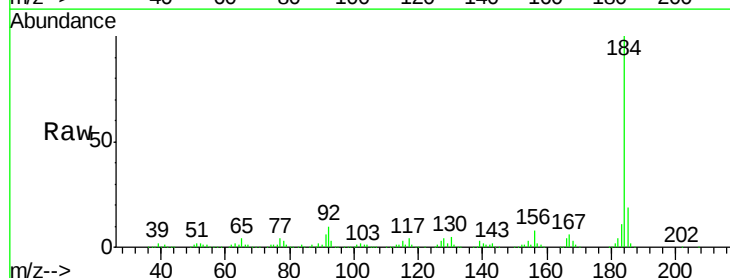
Tgt Ion:184 Resp: 1090380

Ion Ratio Lower Upper

184 100

185 19.0 11.8 17.8#

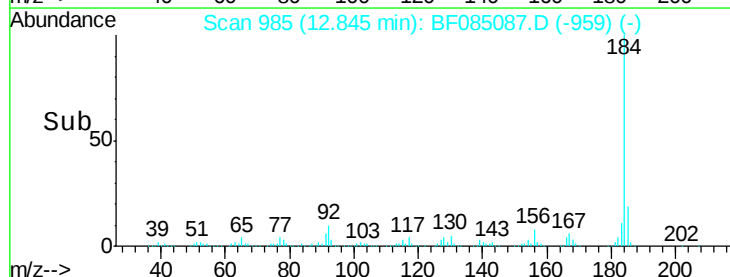
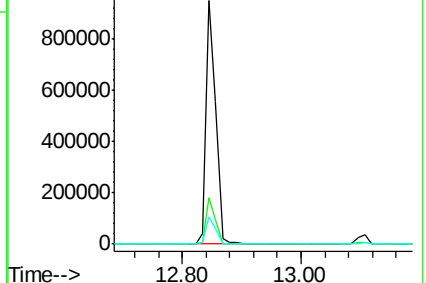
183 11.4 8.6 12.8

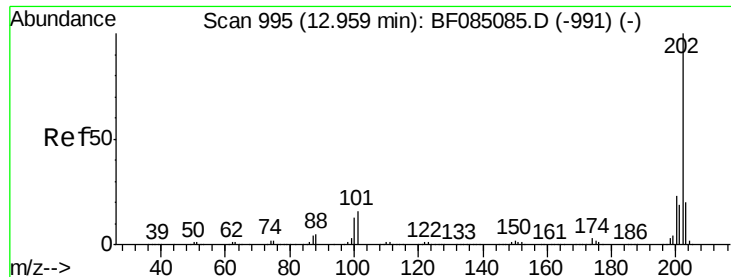


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

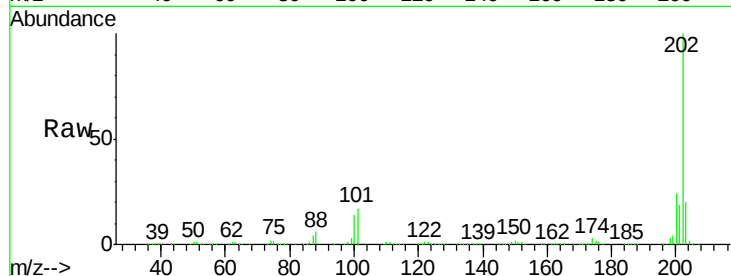




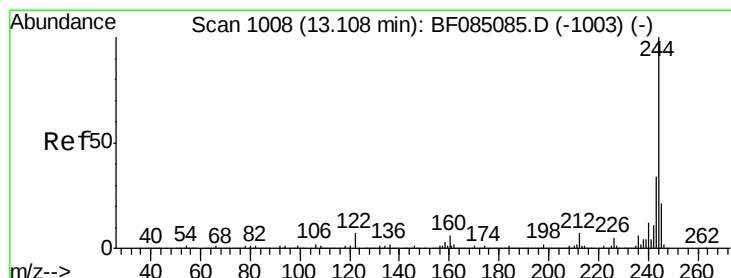
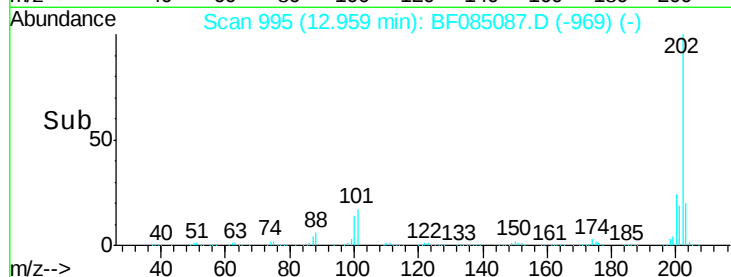
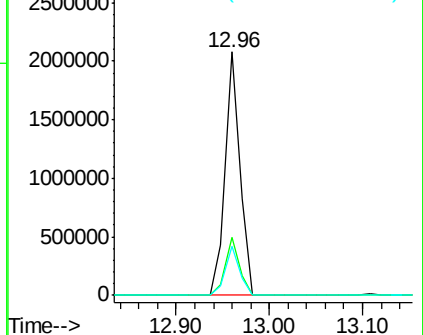
#77
Pvrene
Concen: 38.98 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 2298073
Ion Ratio Lower Upper
202 100
200 23.7 17.0 25.4
203 20.3 14.2 21.4

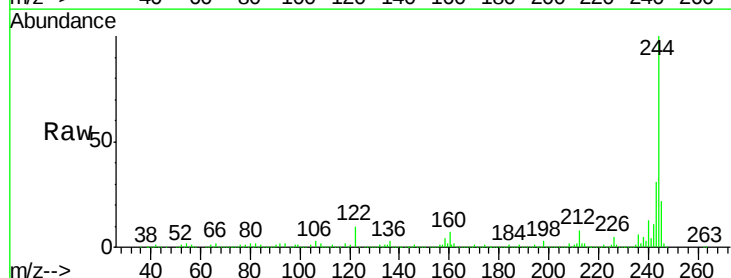


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

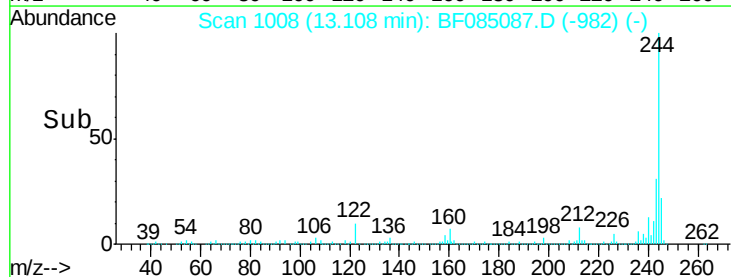
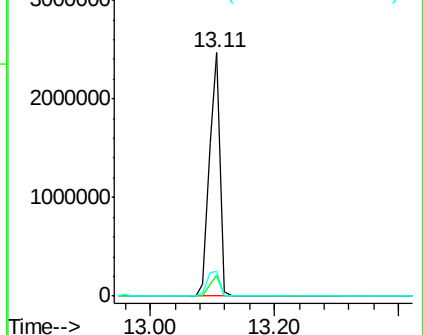


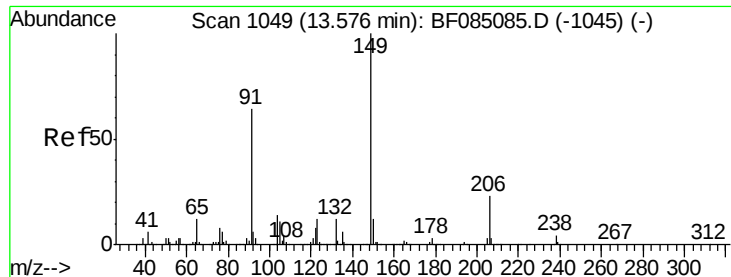
#78
Terphenyl-d14
Concen: 80.40 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:244 Resp: 2879547
Ion Ratio Lower Upper
244 100
212 8.4 6.0 9.0
122 10.2 10.1 15.1



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

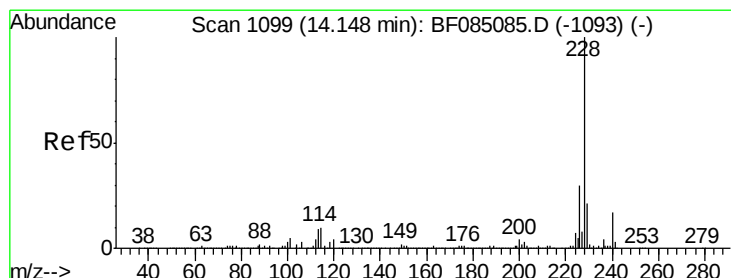
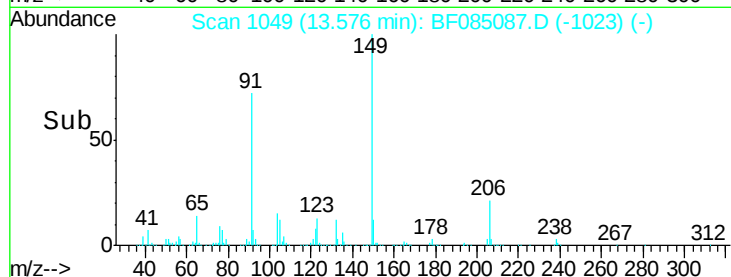
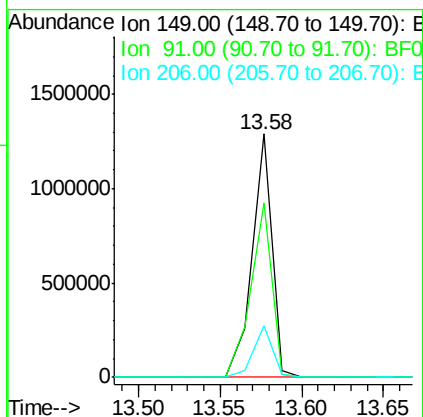
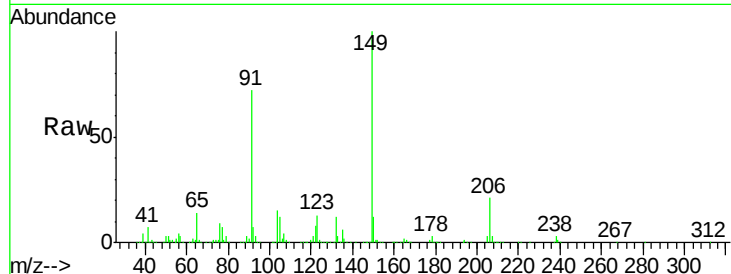




#79
Butylbenzylphthalate
Concen: 44.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

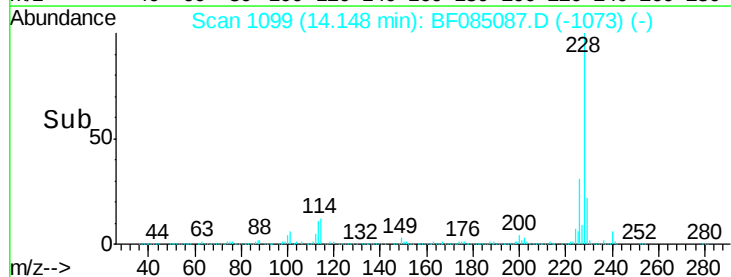
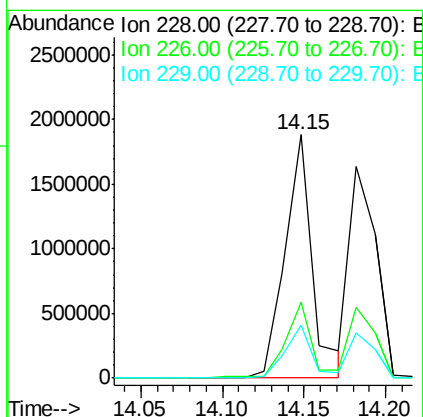
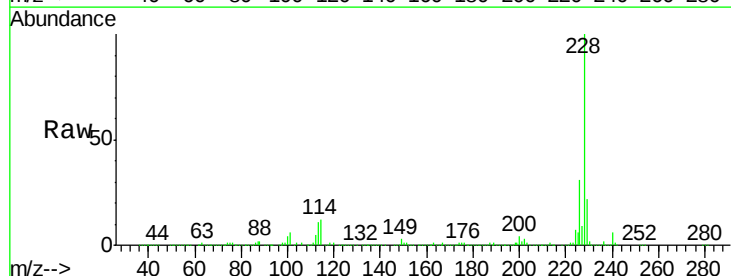
Instrument :
BNA_F
ClientSampleId :

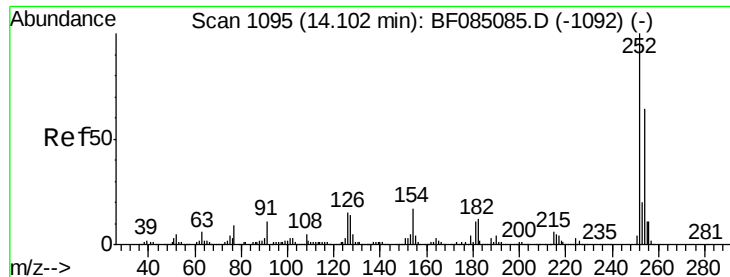
Tot Ion:149 Resp: 1090954
Ion Ratio Lower Upper
149 100
91 71.8 57.8 86.8
206 21.1 13.8 20.8#



#80
Benzo(a)anthracene
Concen: 51.57 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:228 Resp: 2200965
Ion Ratio Lower Upper
228 100
226 31.2 21.8 32.6
229 22.0 15.8 23.8





#81

3,3'-Dichlorobenzidine

Concen: 73.58 ng

RT: 14.11 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

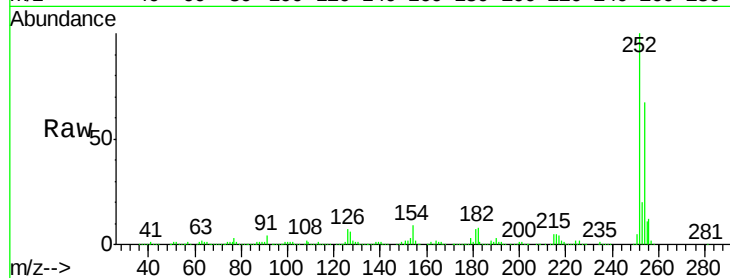
Tot Ion:252 Resp: 912817

Ion Ratio Lower Upper

252 100

254 66.8 52.9 79.3

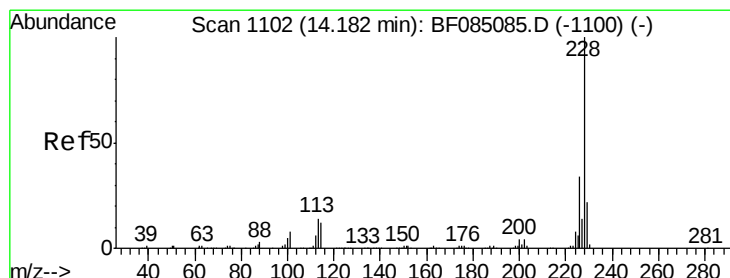
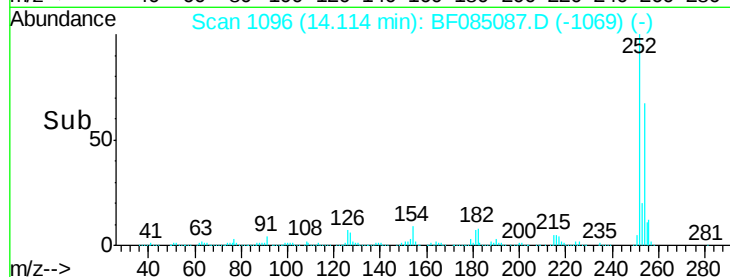
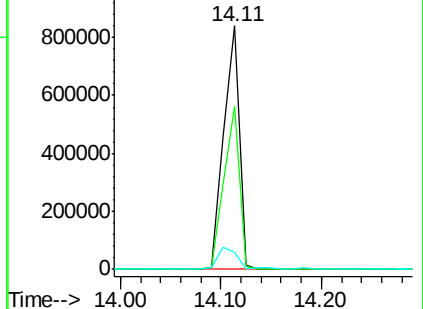
126 6.9 10.6 16.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.39 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

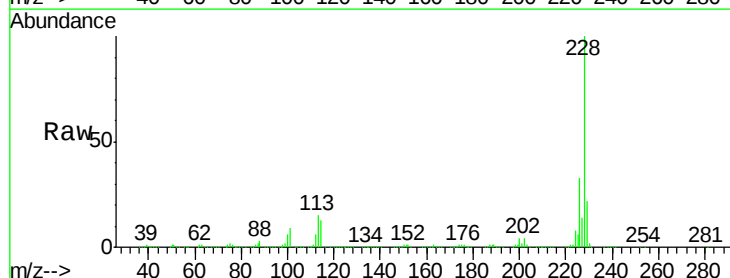
Tgt Ion:228 Resp: 1920365

Ion Ratio Lower Upper

228 100

226 33.5 24.3 36.5

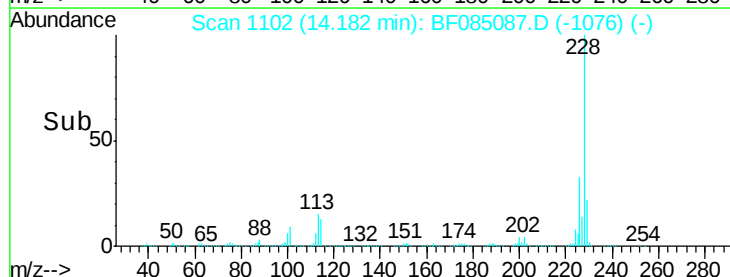
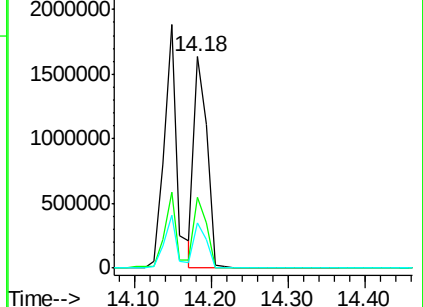
229 21.7 16.1 24.1

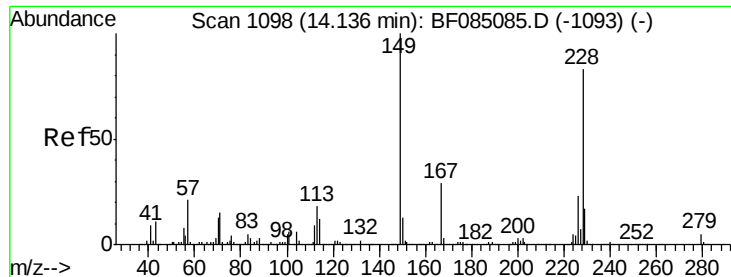


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

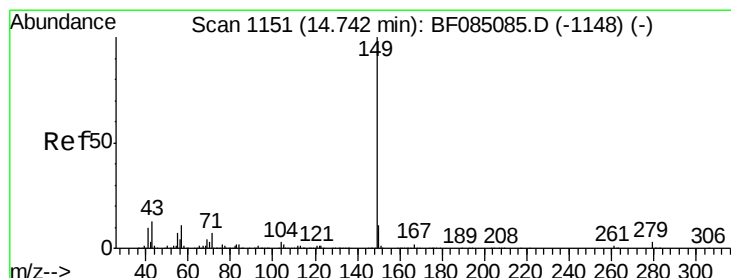
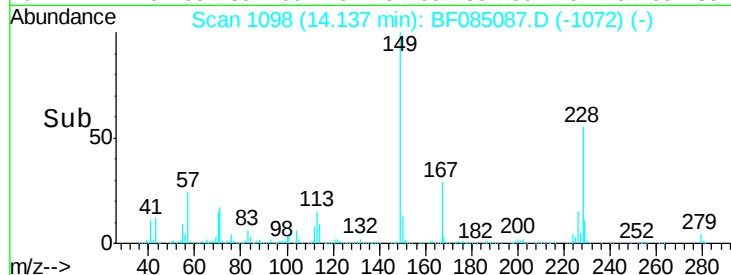
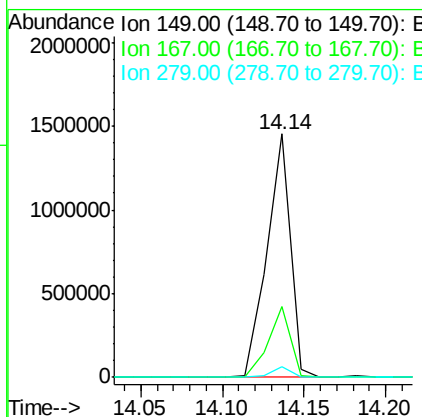
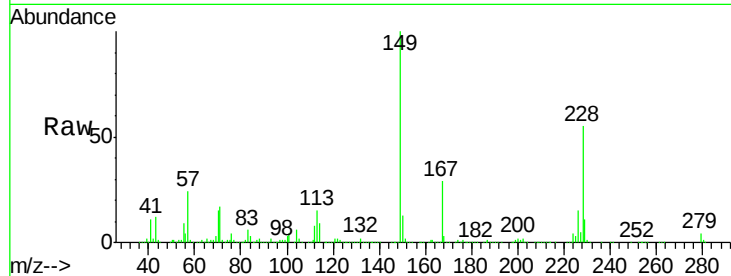




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.90 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

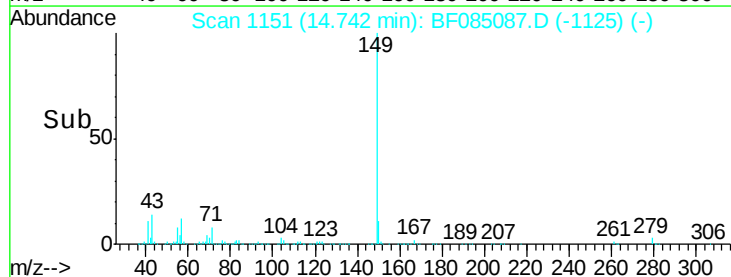
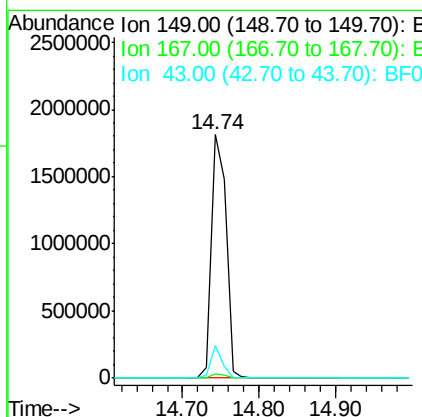
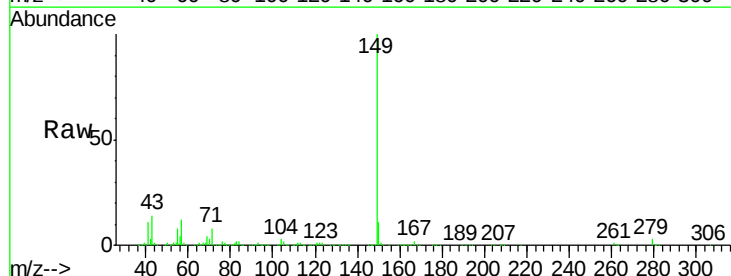
Instrument :
 BNA_F
 ClientSampled :

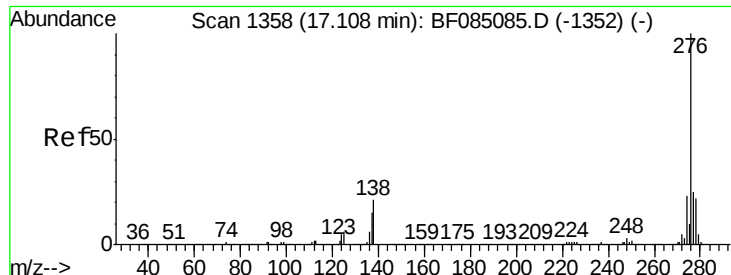
Tot Ion:149 Resp: 1463853
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.0 31.6
 279 4.3 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 50.94 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion:149 Resp: 2359411
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.6 9.0 13.6

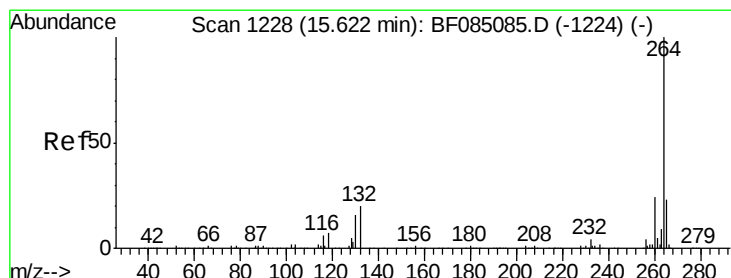
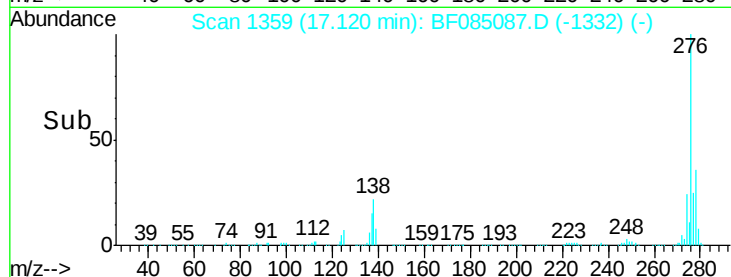
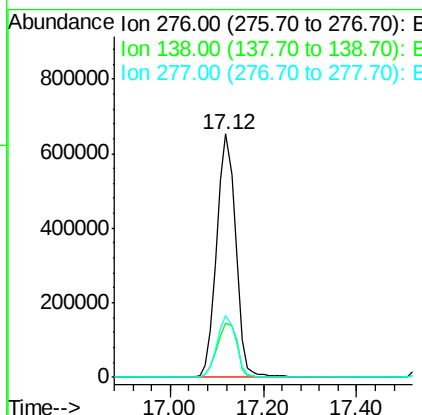
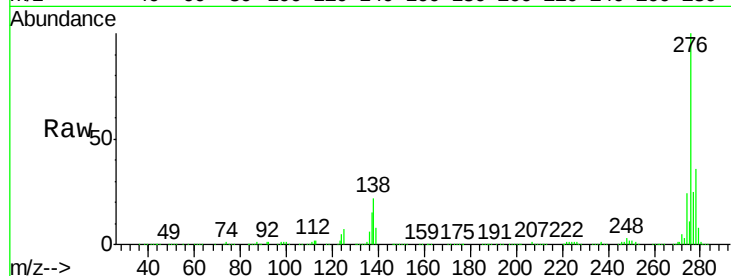




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.75 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

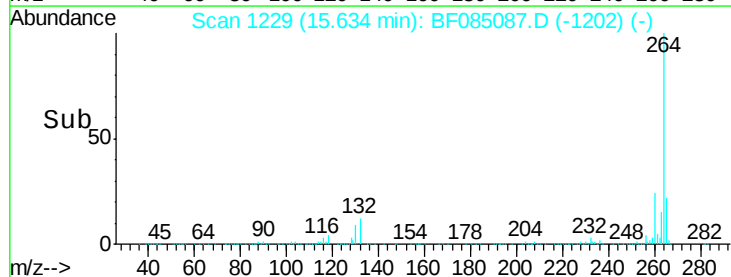
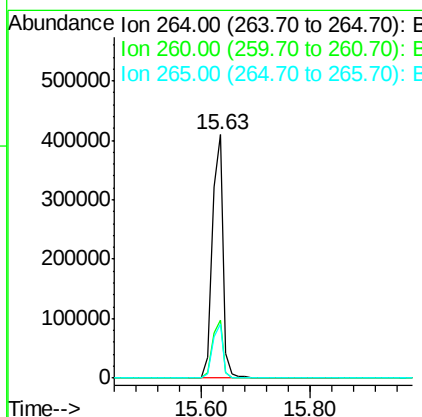
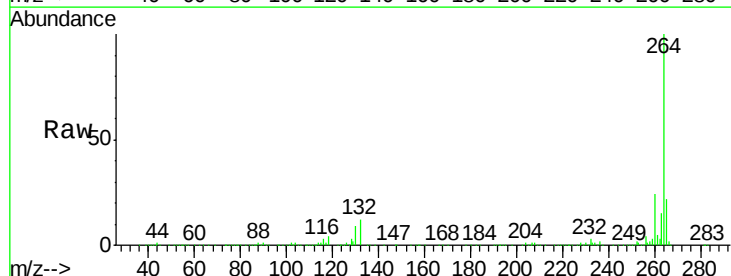
Instrument :
 BNA_F
 ClientSampleId :

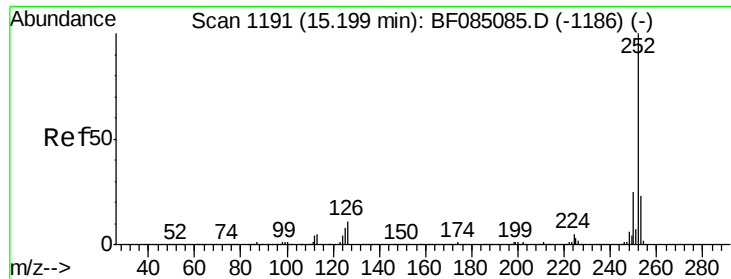
Tot Ion:276 Resp: 1848523
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.0 28.4
 277 25.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF085087.D
 Acq: 17 Feb 2016 14:41

Tgt Ion:264 Resp: 569980
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.0 16.7 25.1

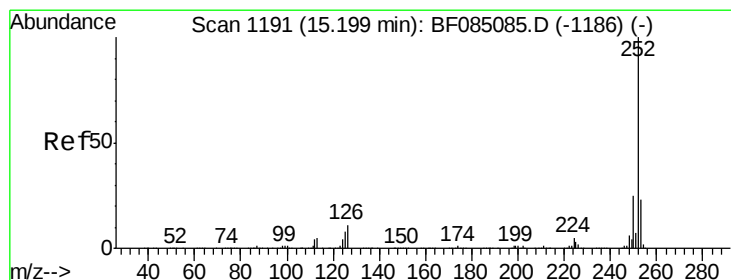
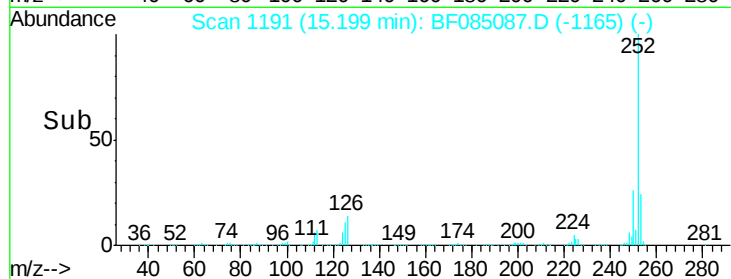
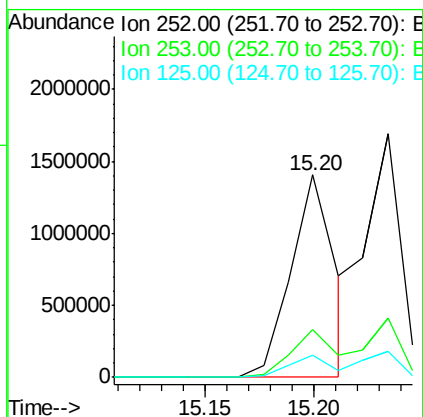
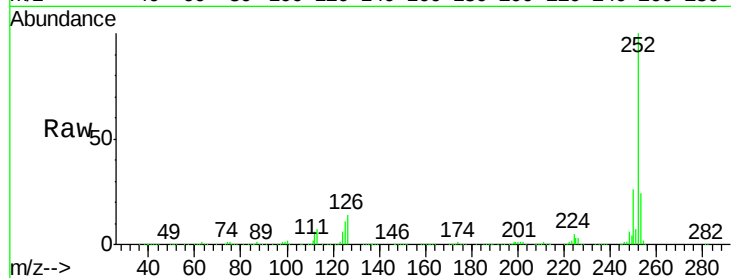




#87
Benzo(b)fluoranthene
Concen: 52.48 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

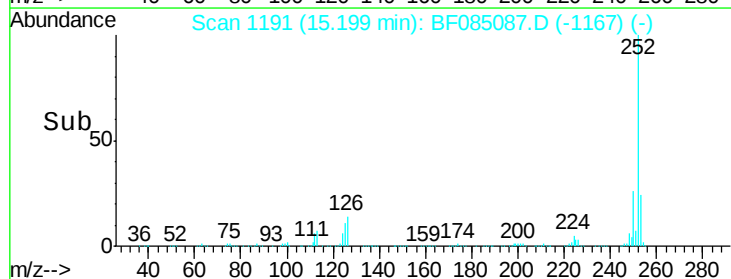
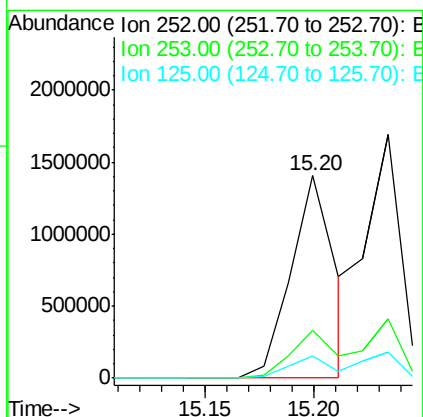
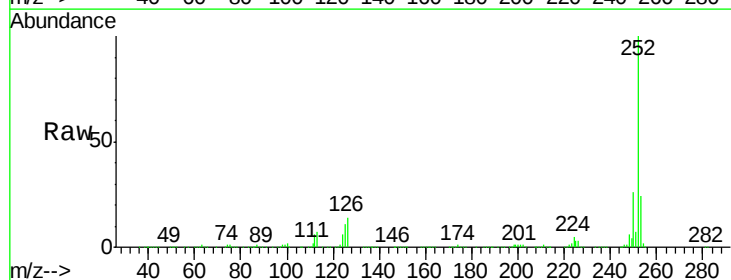
Instrument :
BNA_F
ClientSampleId :

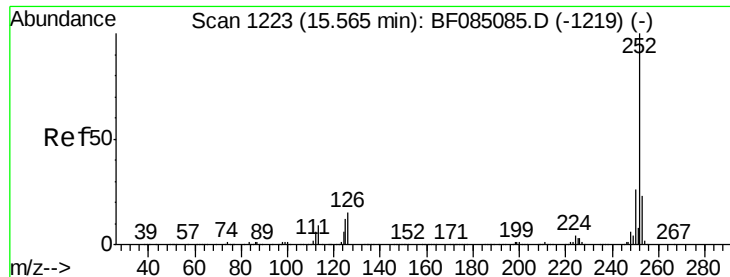
Tot Ion:252 Resp: 1961230
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.9 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 65.70 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:252 Resp: 1961230
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.9 7.2 10.8#

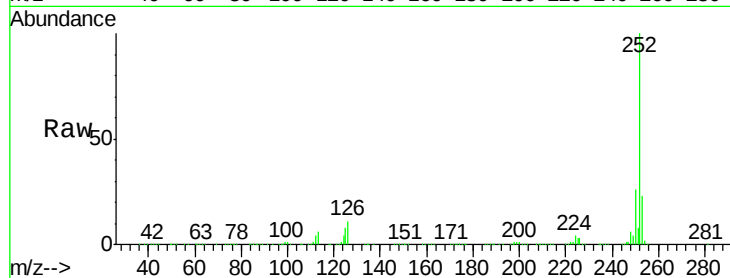




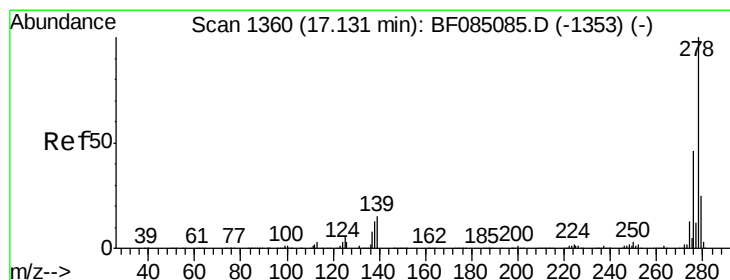
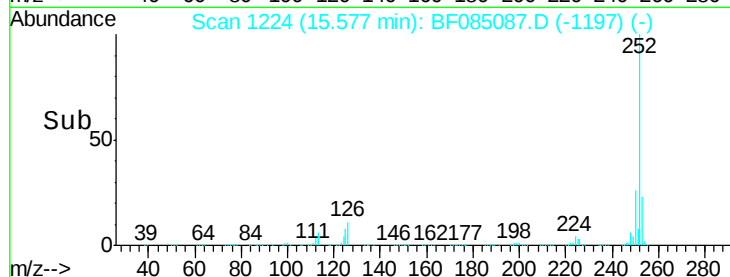
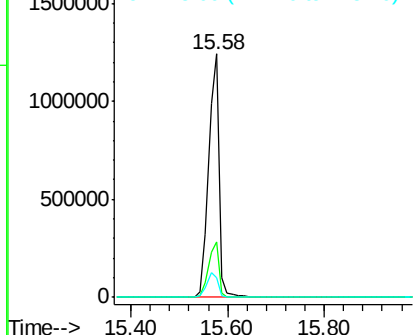
#89
Benzo(a)pyrene
Concen: 59.66 ng
RT: 15.58 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1885290
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 8.2 6.1 9.1

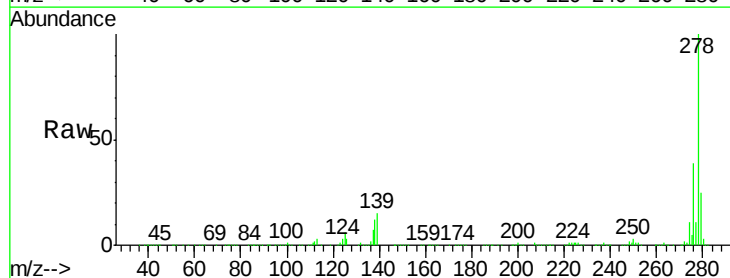


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

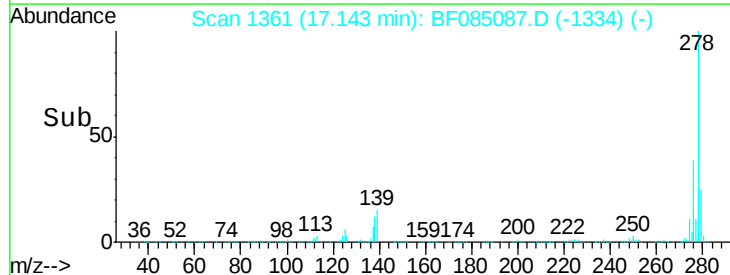
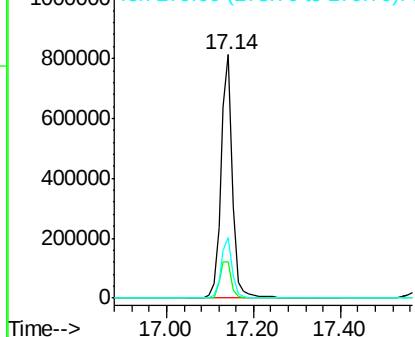


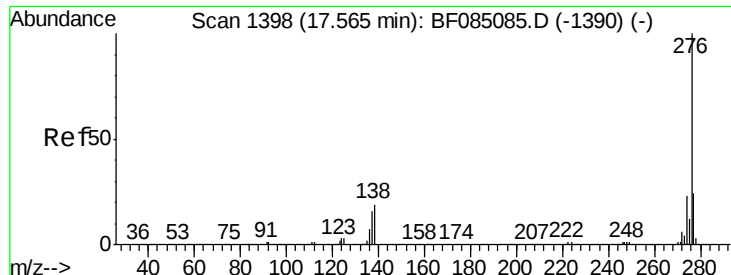
#90
Dibenzo(a,h)anthracene
Concen: 50.40 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085087.D
Acq: 17 Feb 2016 14:41

Tgt Ion:278 Resp: 1511656
Ion Ratio Lower Upper
278 100
139 14.7 13.3 19.9
279 25.0 18.6 27.8



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: 47.44 ng

RT: 17.58 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF085087.D

Acq: 17 Feb 2016 14:41

Instrument :

BNA_F

ClientSampleId :

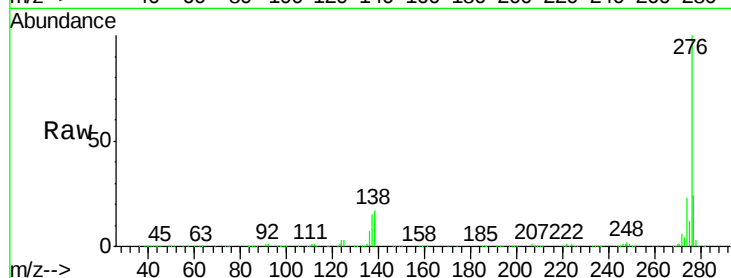
Tot Ion:276 Resp: 1477663

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 17.4 16.6 24.8



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

