

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121815\
 Data File : BF083901.D
 Acq On : 18 Dec 2015 7:08
 Operator : UM/SJ
 Sample : G4759-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 11:36:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111533	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	428736	20.00	ng	0.01
38) Acenaphthene-d10	9.92	164	171599	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	252007	20.00	ng	0.02
75) Chrysene-d12	14.07	240	188082	20.00	ng	0.03
86) Perylene-d12	15.52	264	156451	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	450738	63.24	ng	0.02
7) Phenol-d6	6.53	99	575329	65.95	ng	0.02
23) Nitrobenzene-d5	7.45	82	325170	43.29	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	121843	64.45	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	583305	44.17	ng	0.00
78) Terphenyl-d14	13.00	244	375536	43.63	ng	0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	45838	14.83	ng	# 88
3) Pyridine	3.31	79	136909	17.91	ng	98
4) n-Nitrosodimethylamine	3.21	42	61979	21.25	ng	99
6) Aniline	6.52	93	50618	4.51	ng	# 52
8) 2-Chlorophenol	6.67	128	154146	18.17	ng	93
9) Benzaldehyde	6.42	77	84480	16.07	ng	95
10) Phenol	6.54	94	160815	16.52	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	150809	20.39	ng	93
12) 1,3-Dichlorobenzene	7.06	146	159044	17.44	ng	98
13) 1,4-Dichlorobenzene	6.90	146	182968	19.65	ng	96
14) 1,2-Dichlorobenzene	7.06	146	159057	19.02	ng	95
15) Benzyl Alcohol	7.04	79	140699	21.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	131731	17.28	ng	67
17) 2-Methylphenol	7.15	107	127667	19.19	ng	95
18) Hexachloroethane	7.39	117	51371	15.03	ng	# 89
19) n-Nitroso-di-n-propylamine	7.30	70	103402	20.33	ng	# 83
20) 3+4-Methylphenols	7.30	107	157932	20.20	ng	# 87
22) Acetophenone	7.29	105	217683	21.09	ng	# 94
24) Nitrobenzene	7.47	77	167896	21.61	ng	91
25) Isophorone	7.71	82	296851	21.00	ng	97
26) 2-Nitrophenol	7.78	139	54993	13.67	ng	# 79
27) 2,4-Dimethylphenol	7.82	122	127285	18.37	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	178973	21.41	ng	# 85
29) 2,4-Dichlorophenol	8.03	162	119702	19.05	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	131081	19.42	ng	97
31) Naphthalene	8.19	128	491001	21.59	ng	100
32) Benzoic acid	7.92	122	14436	9.08	ng	# 83
34) Hexachlorobutadiene	8.30	225	72630	17.23	ng	98
35) Caprolactam	8.61	113	36681	17.67	ng	98
36) 4-Chloro-3-methylphenol	8.73	107	137021	18.27	ng	90
37) 2-Methylnaphthalene	8.88	142	282179	18.94	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	124335	22.98	ng	99
40) Hexachlorocyclopentadiene	9.04	237	1988	9.83	ng	89
42) 2,4,6-Trichlorophenol	9.16	196	77097	21.58	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

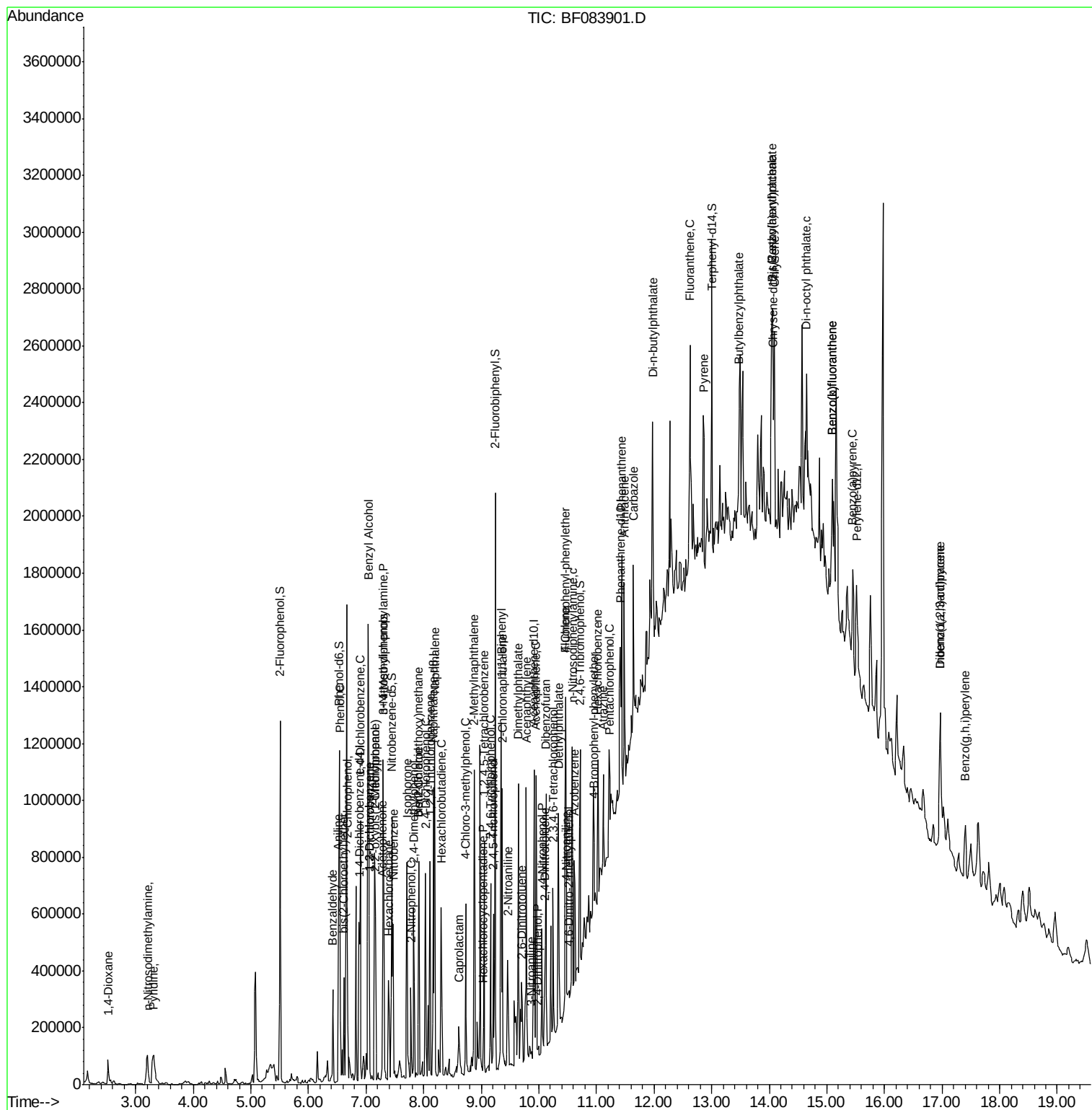
43) 2,4,5-Trichlorophenol	9.21	196	75472	21.35	nq	# 86
45) 1,1'-Biphenyl	9.34	154	371580	25.06	nq	98
46) 2-Chloronaphthalene	9.37	162	253304	21.55	nq	96
47) 2-Nitroaniline	9.46	65	69471	20.47	nq	94
48) Acenaphthylene	9.78	152	384406	19.22	nq	99
49) Dimethylphthalate	9.64	163	443286	30.79	nq	98
50) 2,6-Dinitrotoluene	9.71	165	53165	16.93	nq	# 88
51) Acenaphthene	9.95	154	216077	17.57	nq	100
52) 3-Nitroaniline	9.87	138	8706	2.63	nq	# 89
53) 2,4-Dinitrophenol	9.98	184	2492	12.22	nq	85
54) Dibenzofuran	10.12	168	323620	20.26	nq	90
55) 4-Nitrophenol	10.05	139	77059	37.28	nq	91
56) 2,4-Dinitrotoluene	10.11	165	67202	16.69	nq	# 75
57) Fluorene	10.46	166	238132	17.78	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	53453	20.44	nq	# 98
59) Diethylphthalate	10.34	149	278331	18.70	nq	96
60) 4-Chlorophenyl-phenylether	10.46	204	111215	18.16	nq	# 86
61) 4-Nitroaniline	10.48	138	14963	4.37	nq	94
62) Azobenzene	10.61	77	236480	18.95	nq	87
64) 4,6-Dinitro-2-methylphenol	10.52	198	2492	5.41	nq	# 18
65) n-Nitrosodiphenylamine	10.58	169	224437	24.48	nq	98
66) 4-Bromophenyl-phenylether	10.96	248	65222	21.17	nq	98
67) Hexachlorobenzene	11.02	284	70255	21.66	nq	# 93
68) Atrazine	11.12	200	61869	21.30	nq	95
69) Pentachlorophenol	11.23	266	56661	43.45	nq	99
70) Phenanthrene	11.44	178	345982	22.72	nq	98
71) Anthracene	11.48	178	277802	18.87	nq	99
72) Carbazole	11.64	167	254518	17.50	nq	98
73) Di-n-butylphthalate	11.97	149	313744	18.36	nq	# 96
74) Fluoranthene	12.62	202	284391	18.72	nq	96
77) Pyrene	12.87	202	320234	27.55	nq	99
79) Butylbenzylphthalate	13.47	149	120351	19.22	nq	89
80) Benzo(a)anthracene	14.05	228	252833	21.86	nq	98
82) Chrysene	14.09	228	238665	21.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	177316	21.21	nq	# 87
84) Di-n-octyl phthalate	14.65	149	289597	22.14	nq	# 83
85) Indeno(1,2,3-cd)pyrene	16.97	276	197588	23.65	nq	100
87) Benzo(b)fluoranthene	15.09	252	452933	39.71	nq	# 88
88) Benzo(k)fluoranthene	15.09	252	452933	48.14	nq	# 91
89) Benzo(a)pyrene	15.45	252	208900	22.18	nq	# 84
90) Dibenzo(a,h)anthracene	16.97	278	156651	21.38	nq	# 93
91) Benzo(g,h,i)perylene	17.40	276	175139	24.39	nq	99

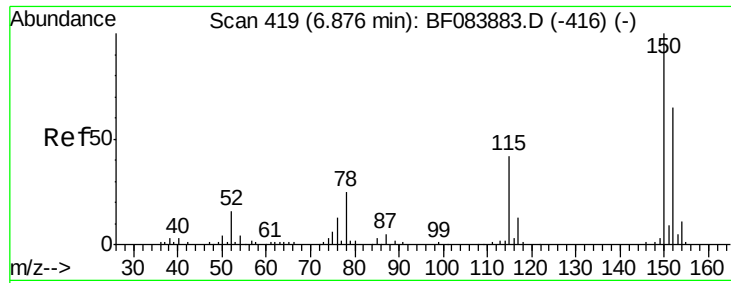
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

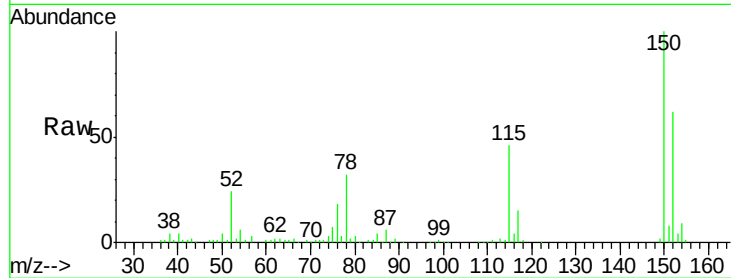
Tot Ion:152 Resp: 111533

Ion Ratio Lower Upper

152 100

150 160.6 123.0 184.4

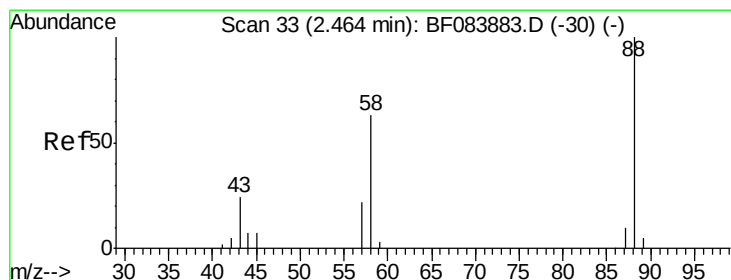
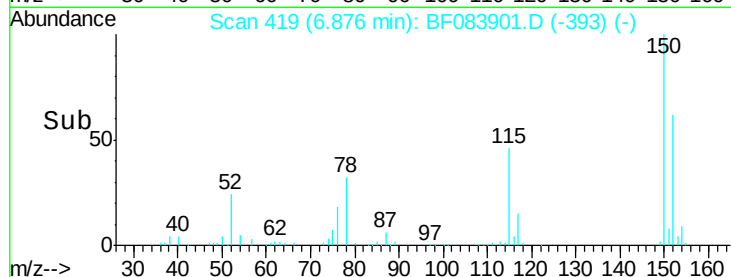
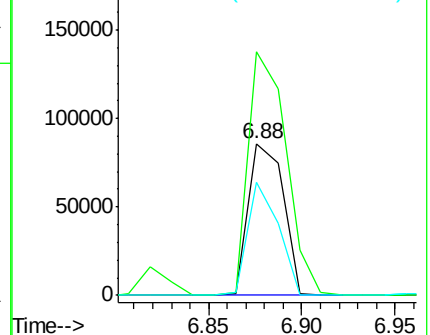
115 74.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.83 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

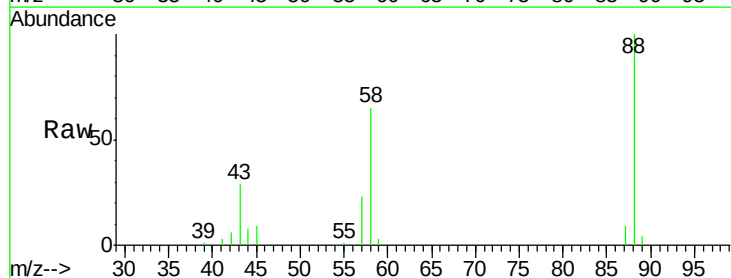
Tgt Ion: 88 Resp: 45838

Ion Ratio Lower Upper

88 100

58 68.3 51.2 76.8

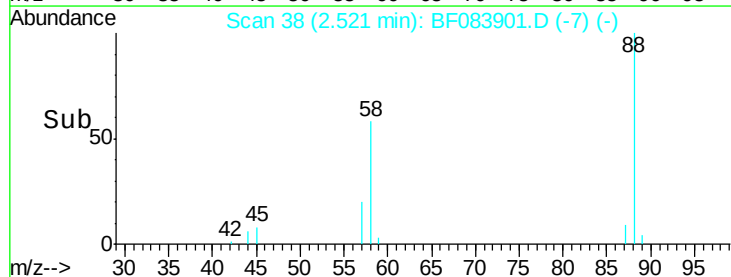
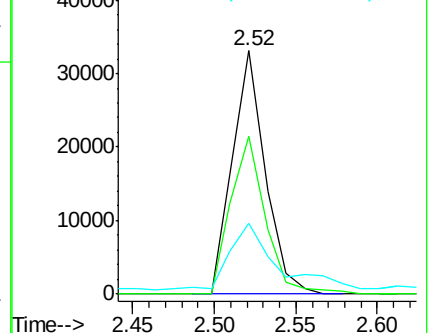
43 38.5 19.5 29.3#

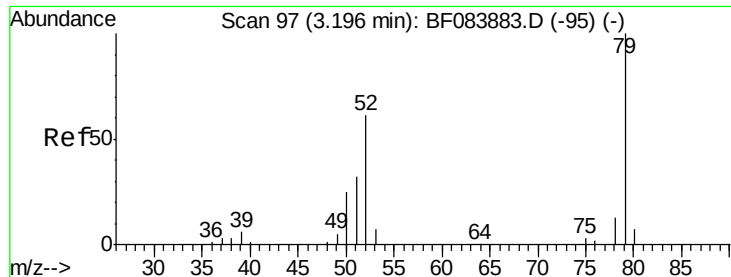


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

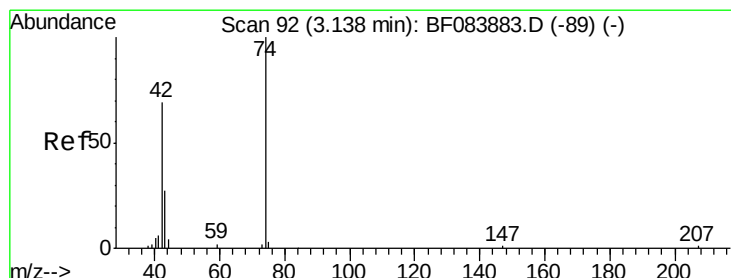
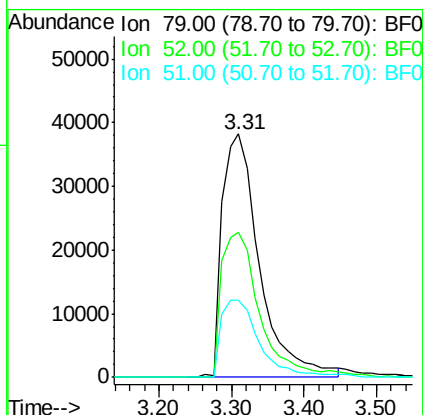
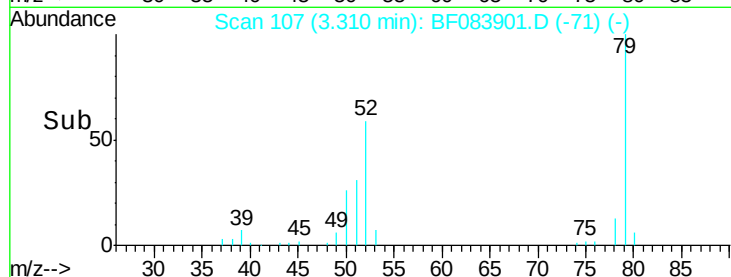
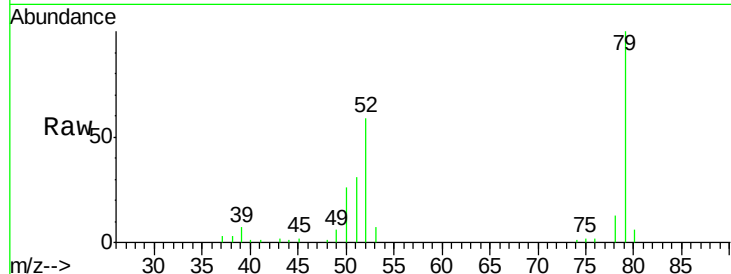




#3
 Pvridine
 Concen: 17.91 ng
 RT: 3.31 min Scan# 107
 Delta R.T. 0.11 min
 Lab File: BF083901.D
 Acq: 18 Dec 2015 7:08

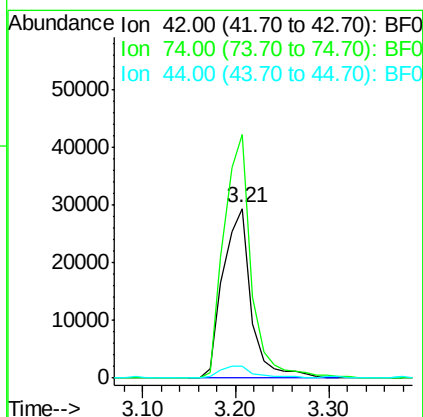
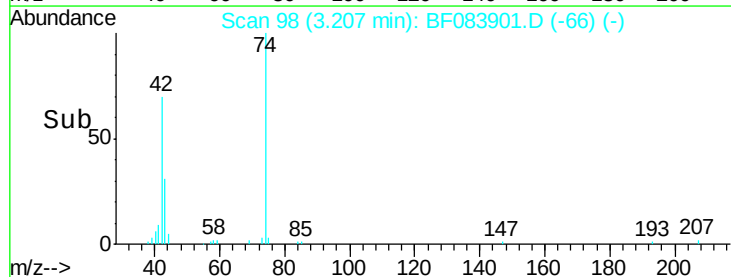
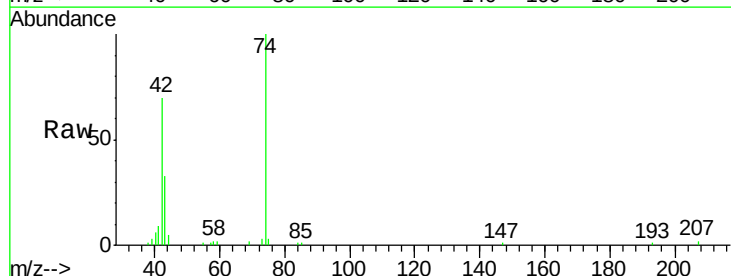
Instrument :
 BNA_F
 ClientSampleId :

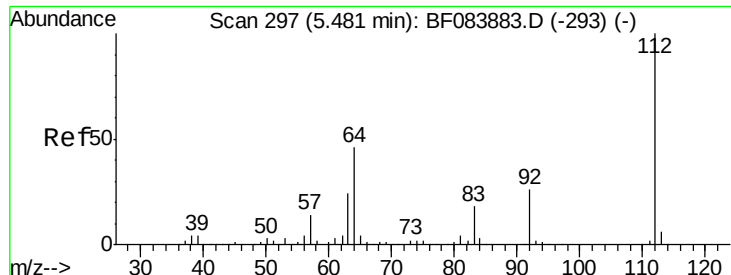
Tot Ion: 79 Resp: 136909
 Ion Ratio Lower Upper
 79 100
 52 59.4 49.0 73.4
 51 31.5 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 21.25 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.07 min
 Lab File: BF083901.D
 Acq: 18 Dec 2015 7:08

Tgt Ion: 42 Resp: 61979
 Ion Ratio Lower Upper
 42 100
 74 143.4 115.7 173.5
 44 6.8 5.1 7.7





#5

2-Fluorophenol

Concen: 63.24 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.02 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampled :

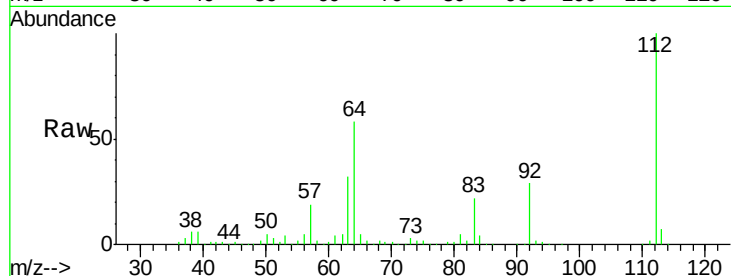
Tot Ion:112 Resp: 450738

Ion Ratio Lower Upper

112 100

64 58.1 36.6 55.0#

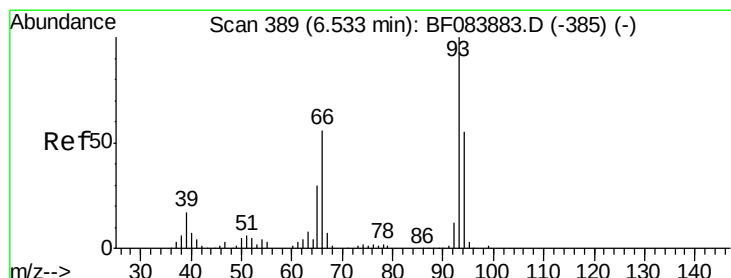
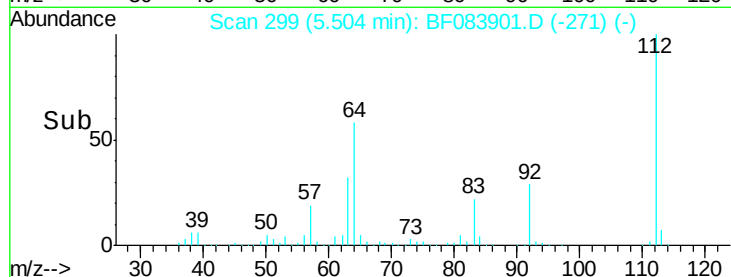
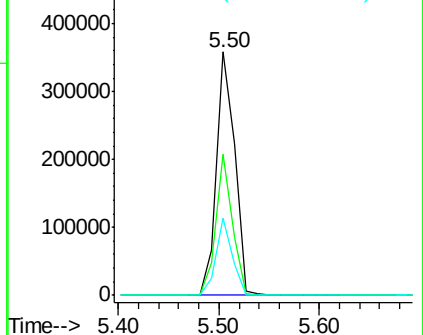
63 32.0 19.4 29.0#



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: 4.51 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

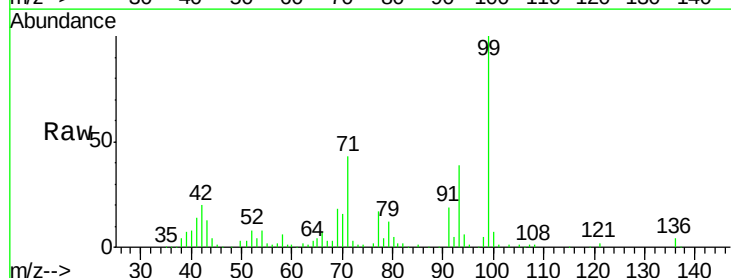
Tgt Ion: 93 Resp: 50618

Ion Ratio Lower Upper

93 100

66 16.6 44.9 67.3#

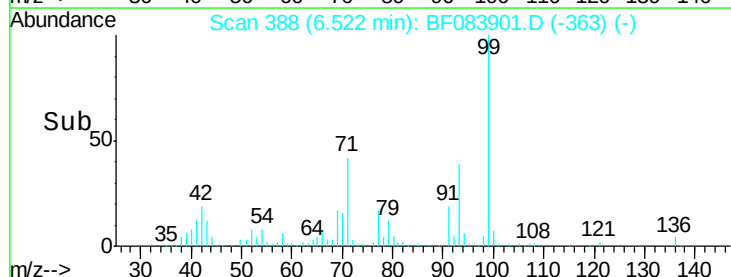
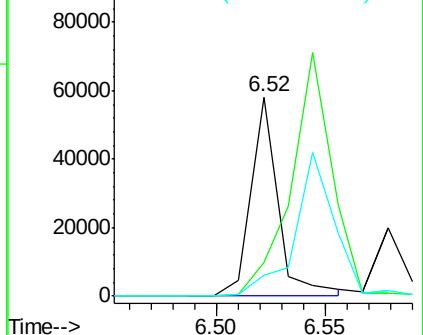
65 10.2 23.7 35.5#

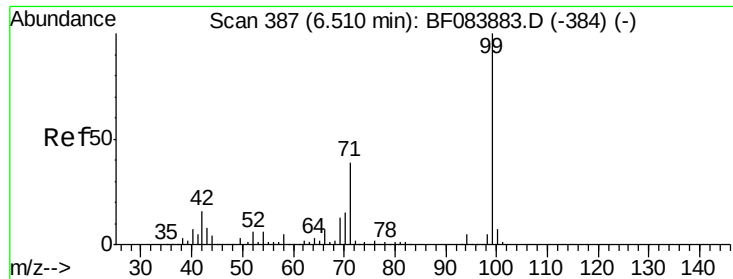


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 65.95 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

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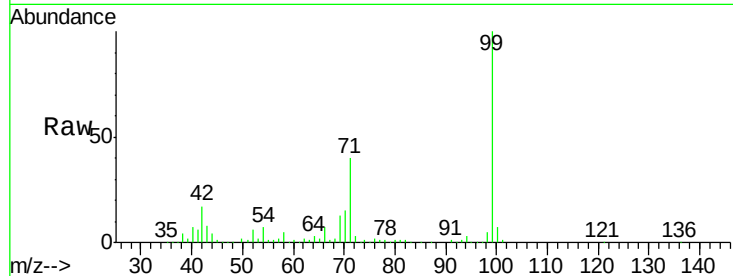
Tot Ion: 99 Resp: 575329

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

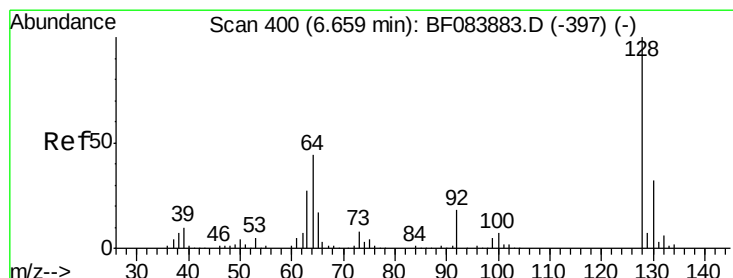
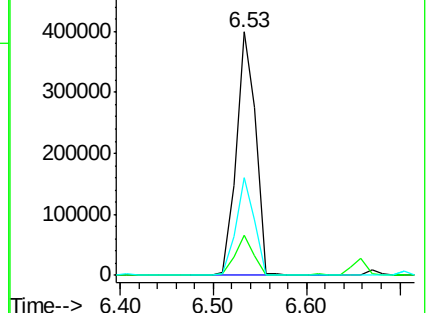
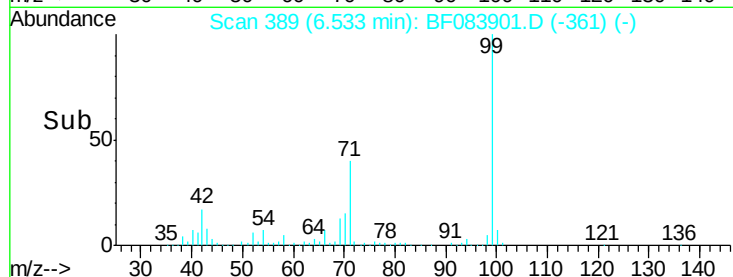
71 40.2 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 18.17 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

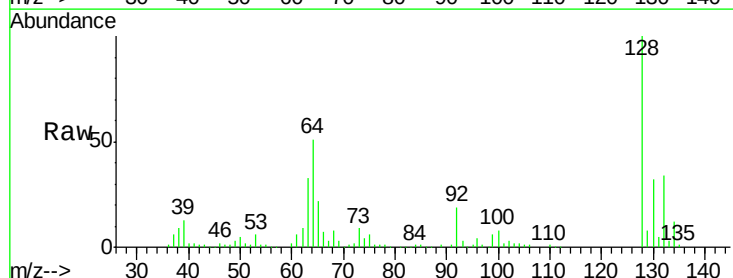
Tgt Ion: 128 Resp: 154146

Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

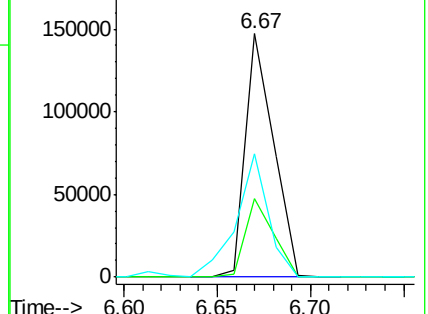
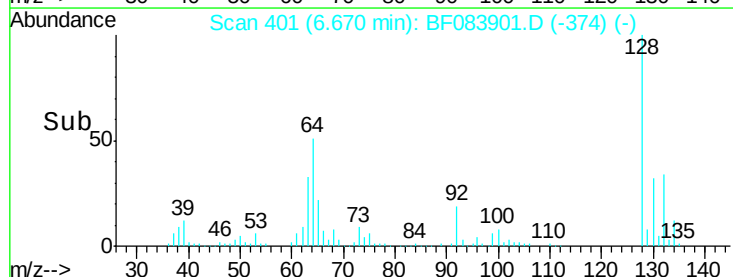
64 50.8 23.8 63.8

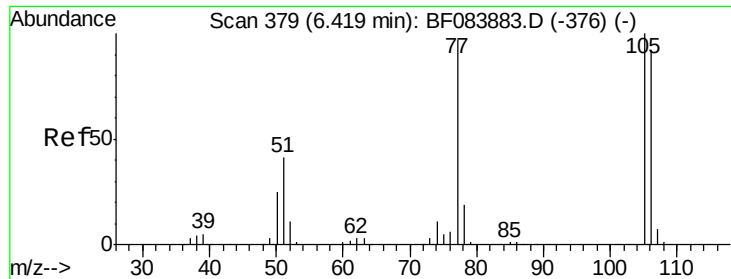


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.07 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

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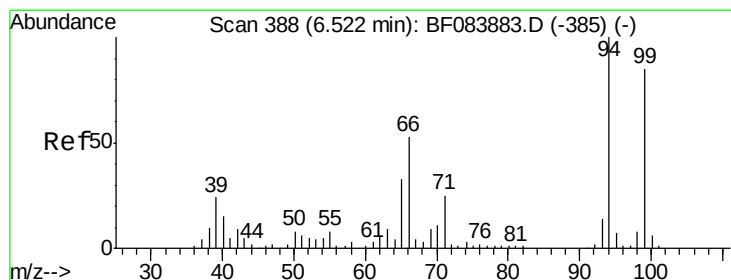
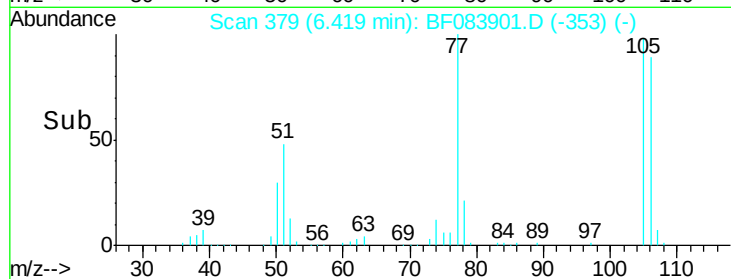
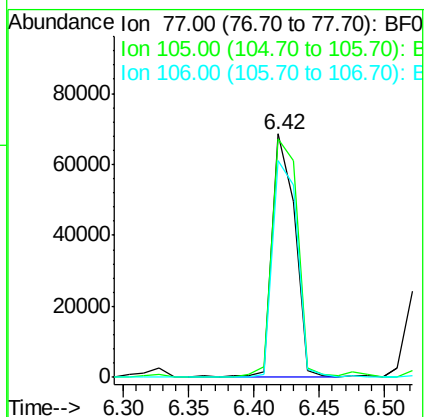
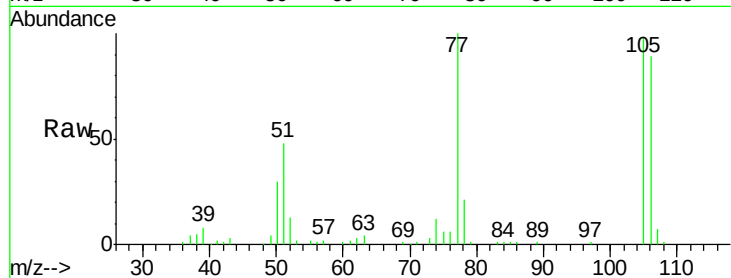
Tot Ion: 77 Resp: 84480

Ion Ratio Lower Upper

77 100

105 97.9 83.0 123.0

106 88.9 74.6 114.6



#10

Phenol

Concen: 16.52 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.02 min

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Acq: 18 Dec 2015 7:08

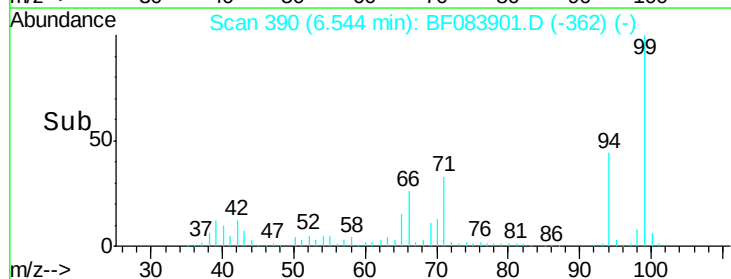
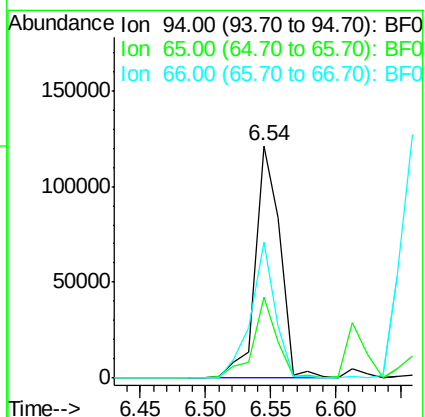
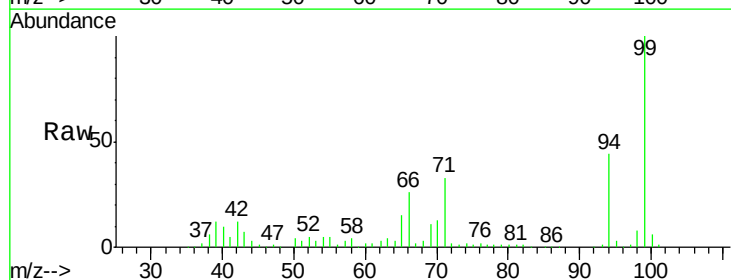
Tgt Ion: 94 Resp: 160815

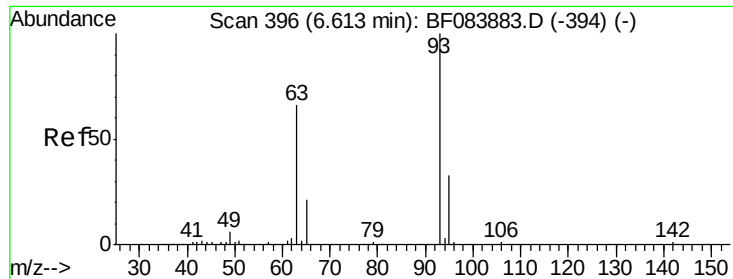
Ion Ratio Lower Upper

94 100

65 34.8 12.9 52.9

66 58.8 32.7 72.7

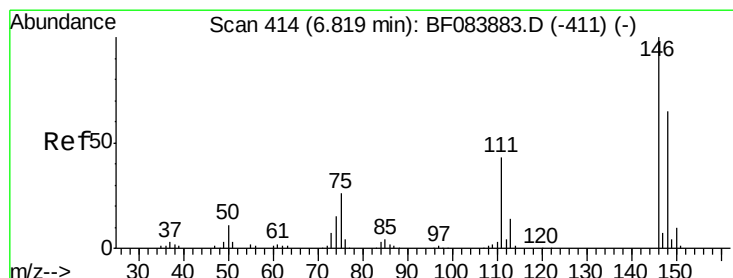
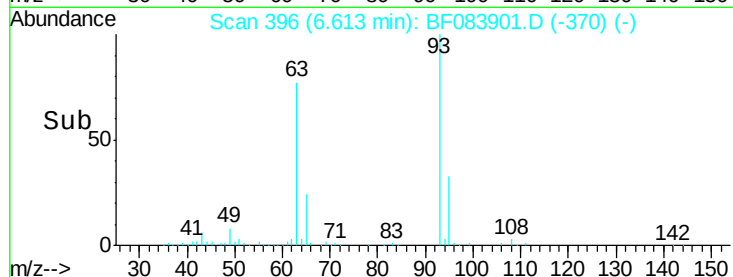
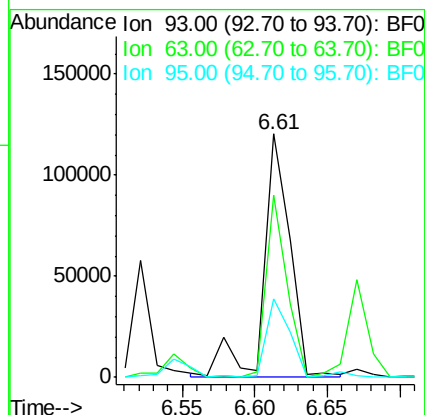
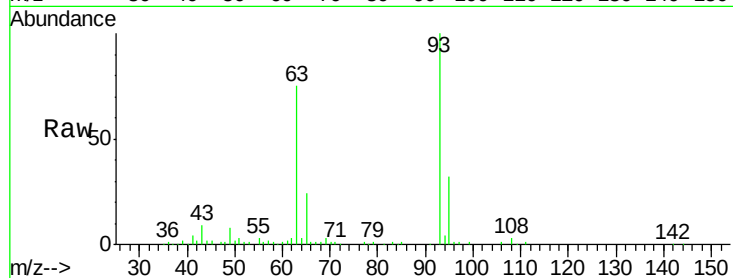




#11
bis(2-Chloroethyl)ether
Concen: 20.39 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

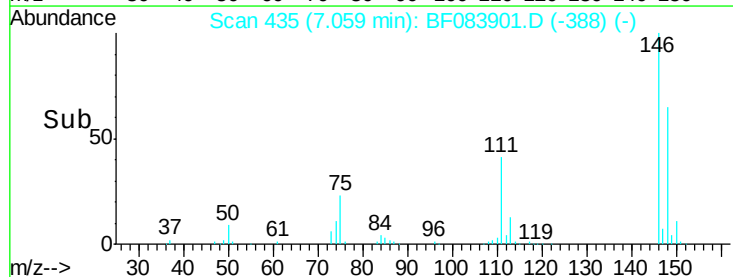
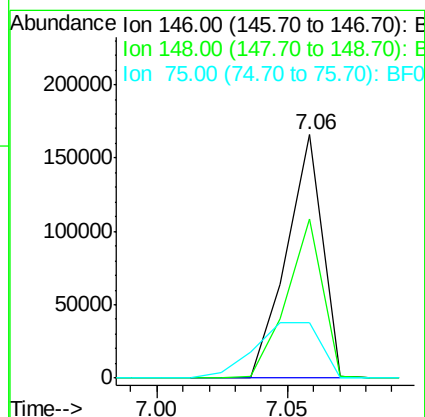
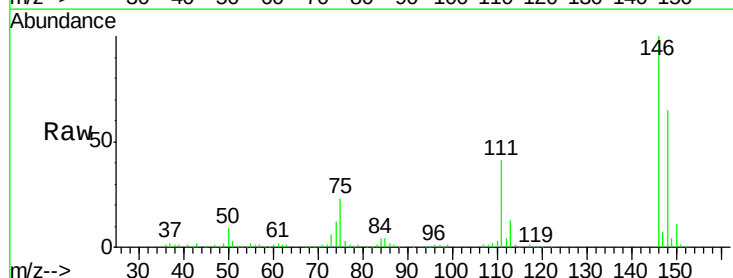
Instrument :
BNA_F
ClientSampleId :

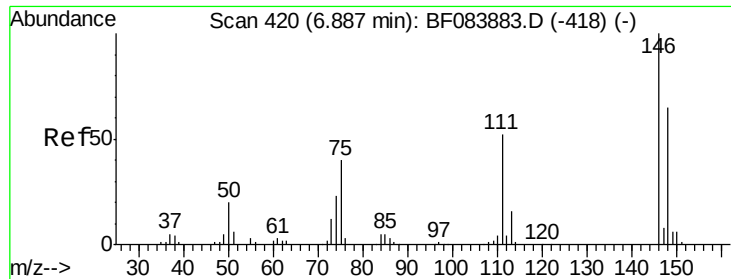
Tot Ion: 93 Resp: 150809
Ion Ratio Lower Upper
93 100
63 74.6 45.9 85.9
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 17.44 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.24 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion: 146 Resp: 159044
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 22.5 20.5 30.7

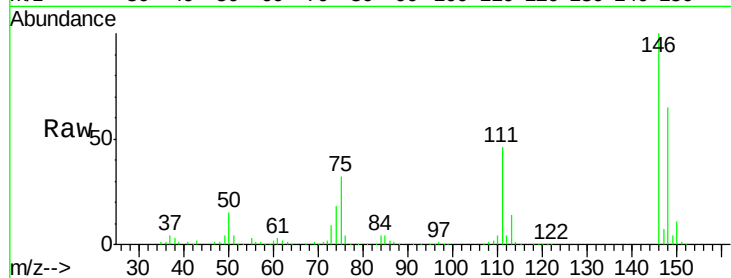




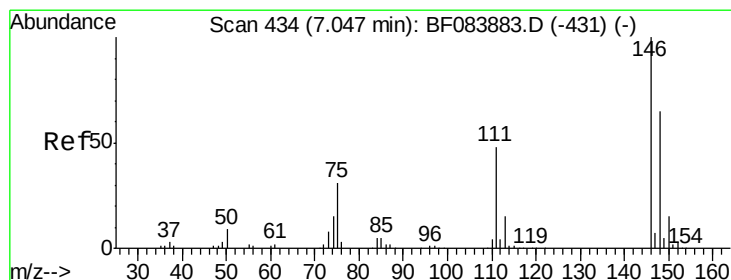
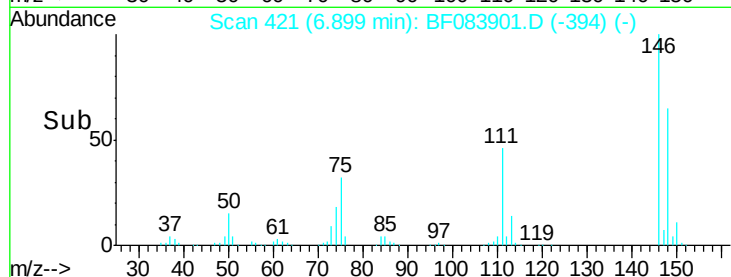
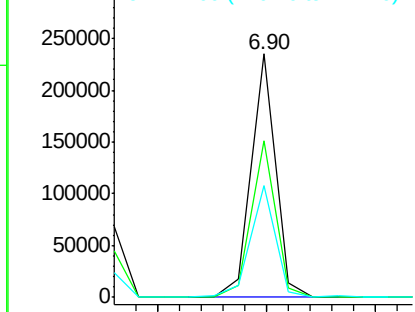
#13
 1,4-Dichlorobenzene
 Concen: 19.65 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: BF083901.D
 Acq: 18 Dec 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 182968
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 45.7 41.6 62.4

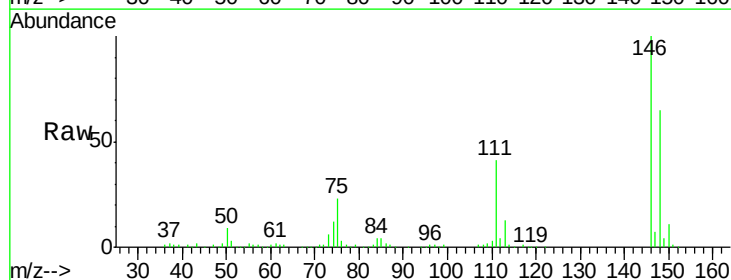


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

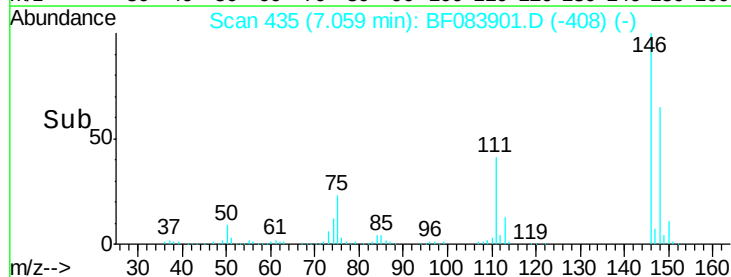
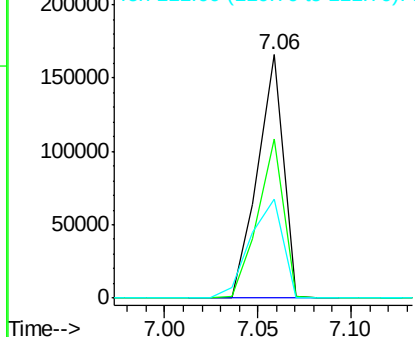


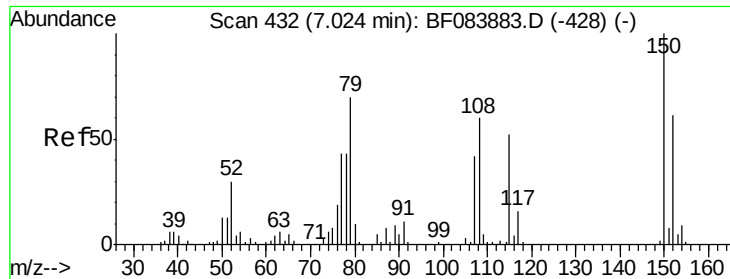
#14
 1,2-Dichlorobenzene
 Concen: 19.02 ng
 RT: 7.06 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BF083901.D
 Acq: 18 Dec 2015 7:08

Tgt Ion:146 Resp: 159057
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.6 77.4
 111 40.6 38.0 57.0



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

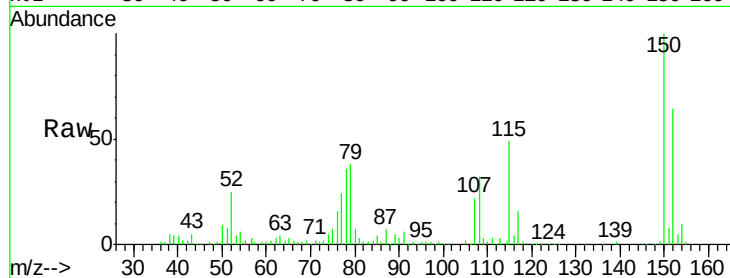




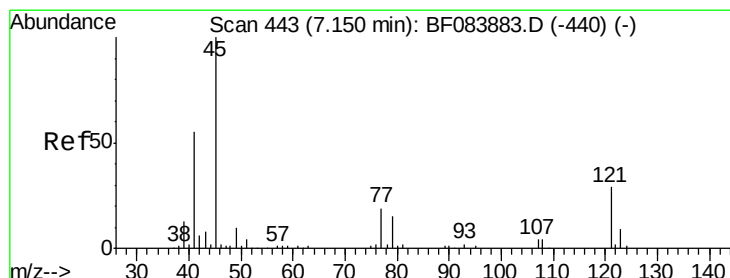
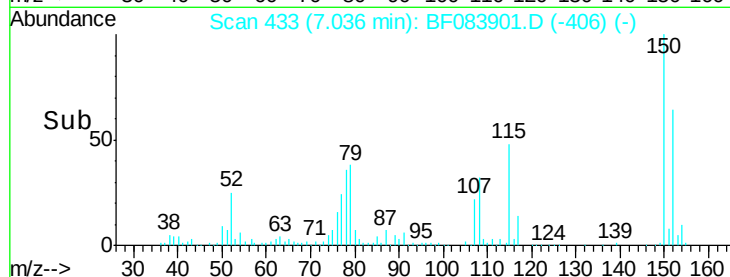
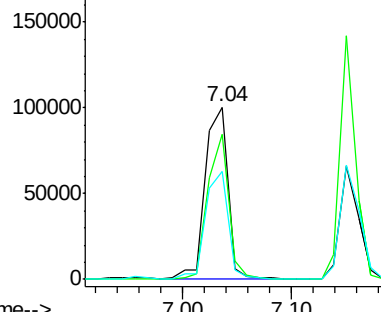
#15
Benzyl Alcohol
Concen: 21.31 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 140699
Ion Ratio Lower Upper
79 100
108 84.7 69.0 103.4
77 63.0 50.0 75.0

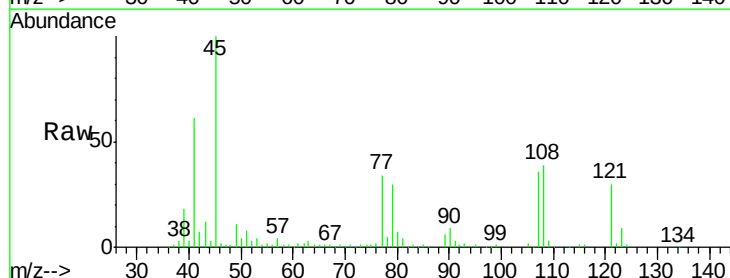


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

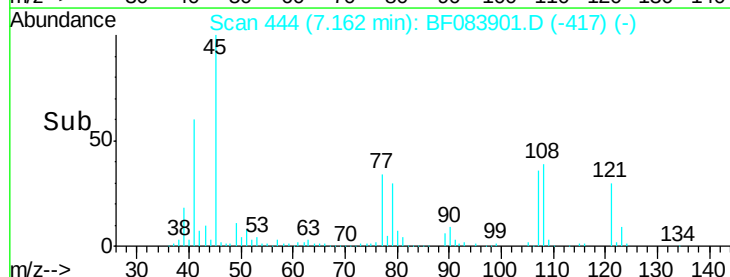
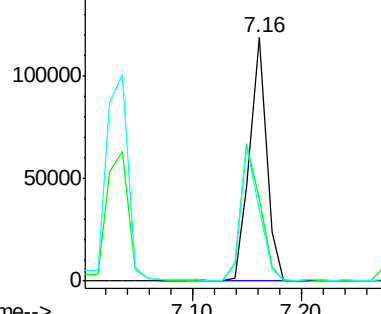


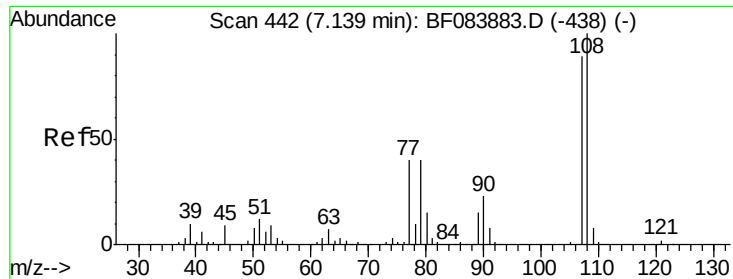
#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.28 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion: 45 Resp: 131731
Ion Ratio Lower Upper
45 100
77 33.9 0.0 39.6
79 29.9 0.0 35.0



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

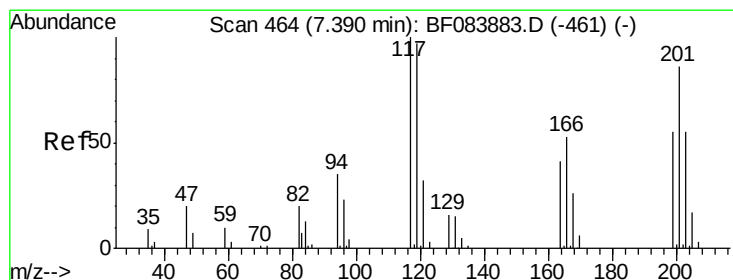
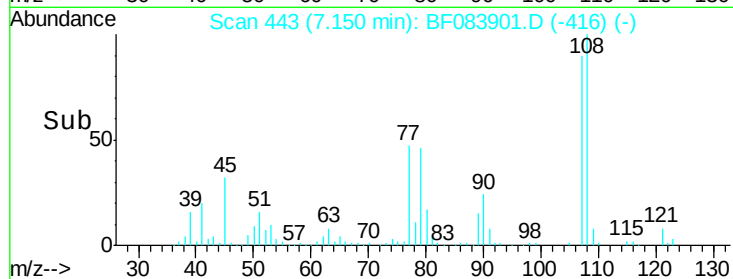
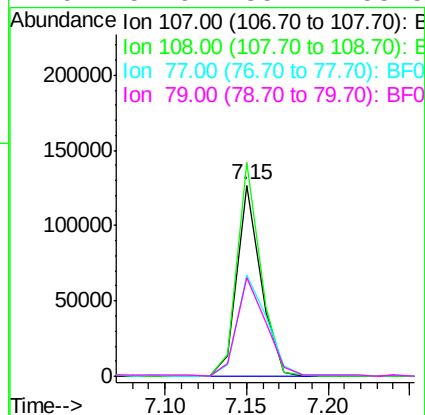
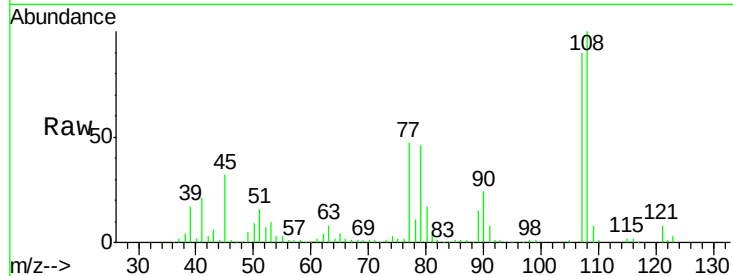




#17
2-Methylphenol
Concen: 19.19 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

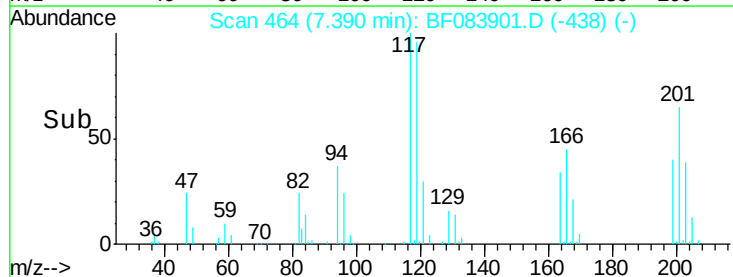
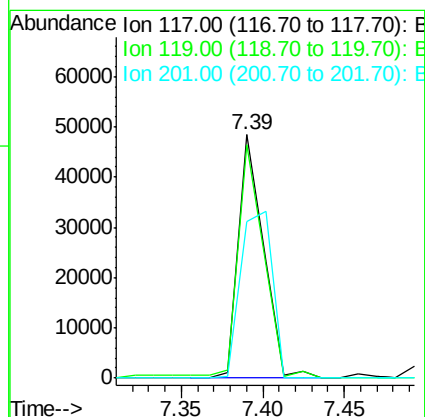
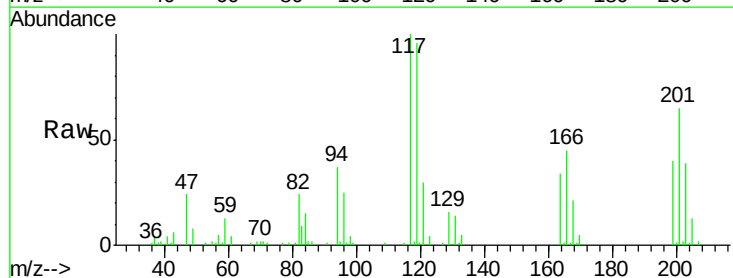
Instrument :
BNA_F
ClientSampleId :

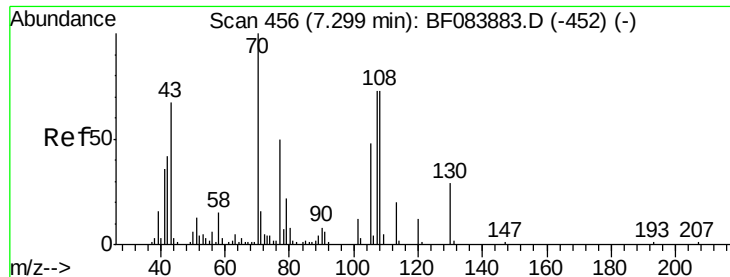
Tot Ion:	107	Resp:	127667
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.6
77	52.6	35.7	53.5
79	51.6	35.7	53.5



#18
Hexachloroethane
Concen: 15.03 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:	117	Resp:	51371
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	64.6	68.6	103.0#

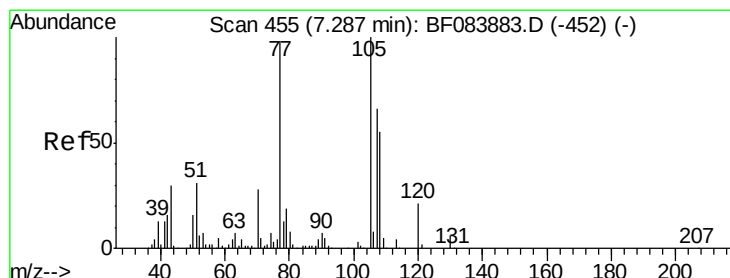
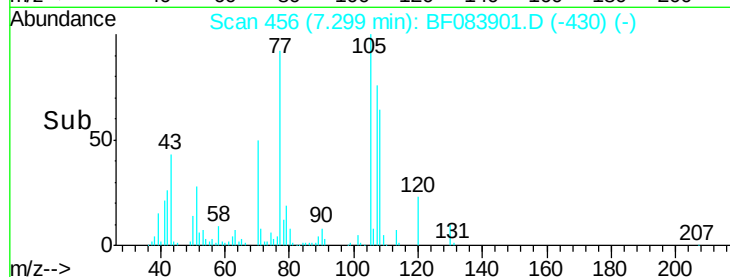
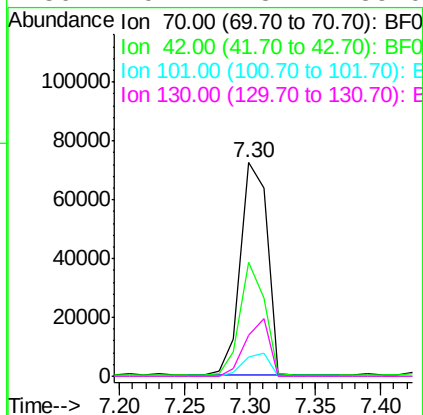
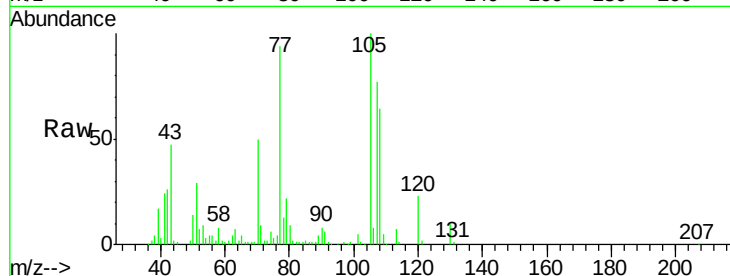




#19
n-Nitroso-di-n-propylamine
Concen: 20.33 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

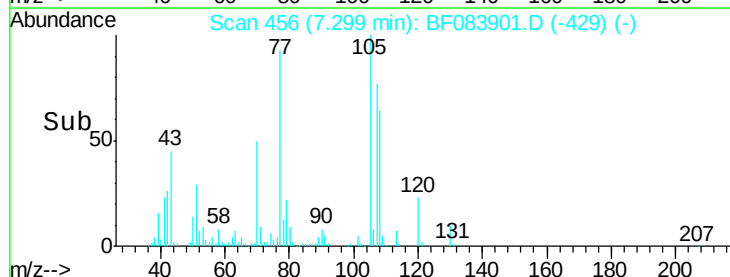
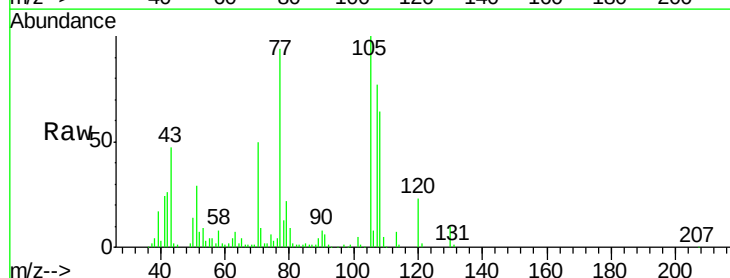
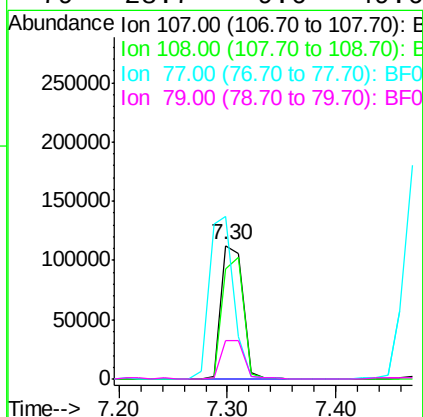
Instrument :
BNA_F
ClientSampleId :

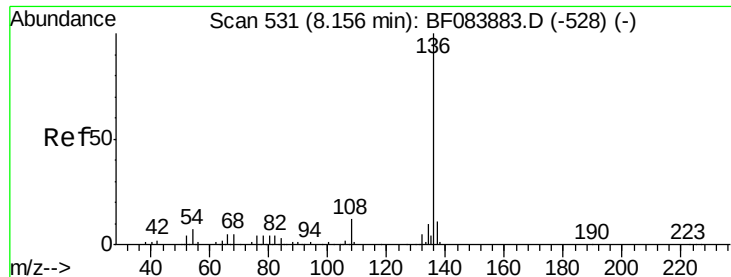
Tot Ion: 70 Resp: 103402
Ion Ratio Lower Upper
70 100
42 53.1 33.3 49.9#
101 9.1 9.3 13.9#
130 19.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 20.20 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion: 107 Resp: 157932
Ion Ratio Lower Upper
107 100
108 82.8 64.1 104.1
77 121.2 128.9 168.9#
79 28.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 428736

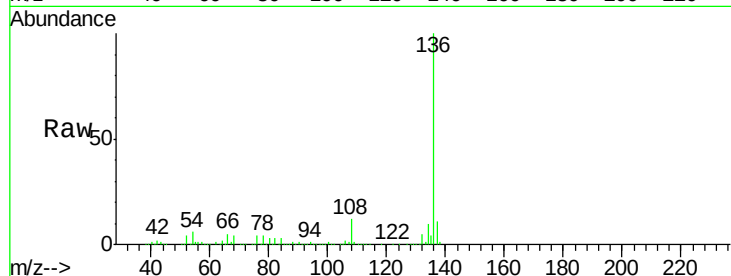
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.1 5.8 8.8

68 4.4 4.2 6.2

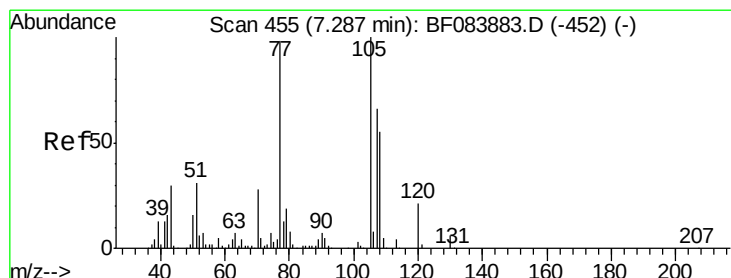
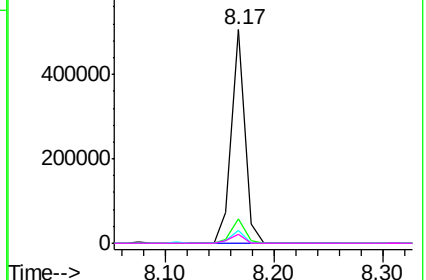
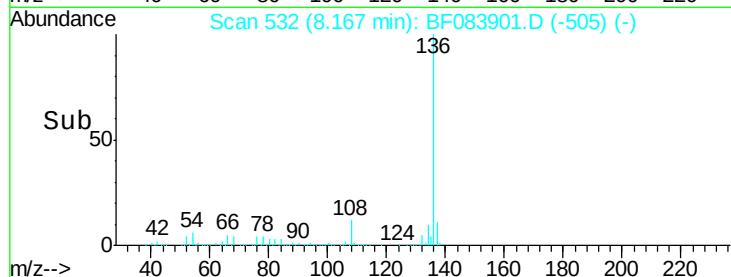


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.09 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Tgt Ion:105 Resp: 217683

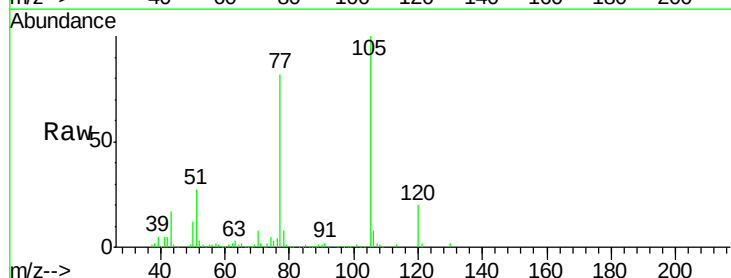
Ion Ratio Lower Upper

105 100

71 1.8 3.7 5.5#

51 27.0 25.1 37.7

120 20.1 16.6 25.0

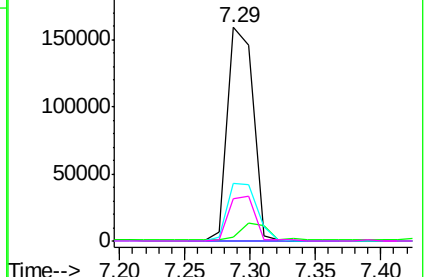
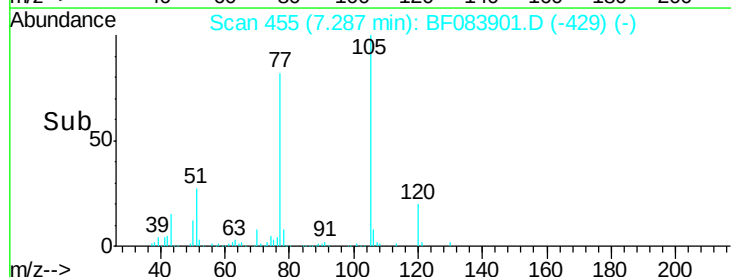


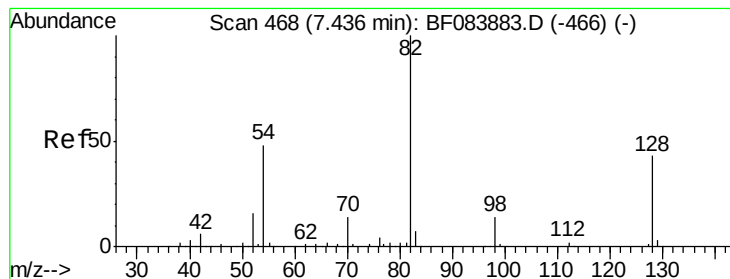
Abundance Ion 105.00 (104.70 to 105.70): E

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: 43.29 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampled :

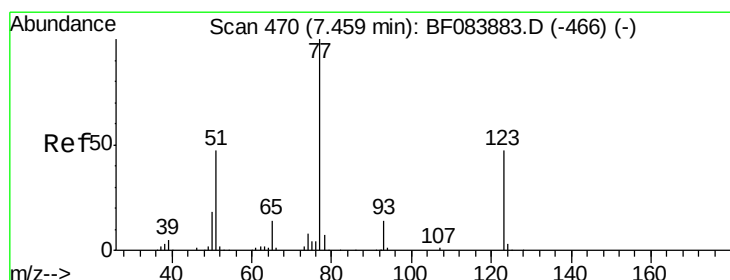
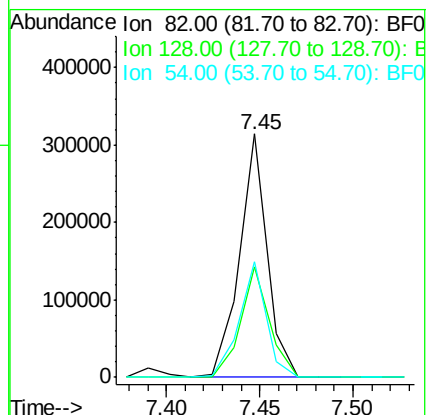
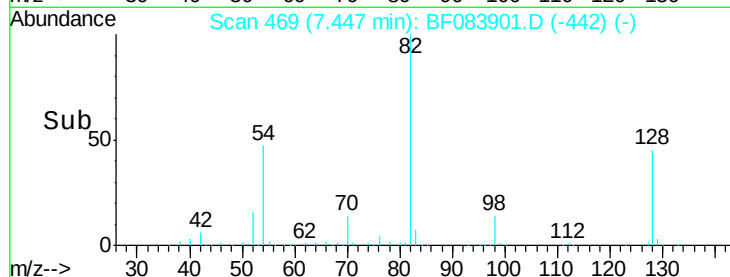
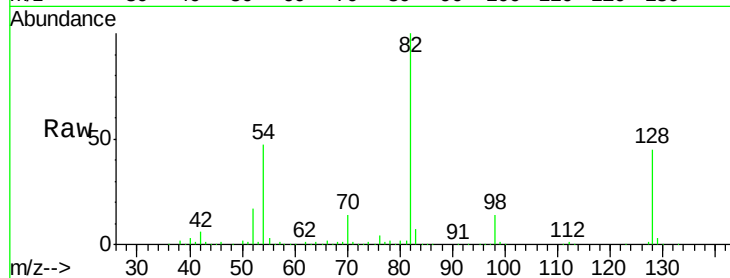
Tot Ion: 82 Resp: 325170

Ion Ratio Lower Upper

82 100

128 45.4 34.6 51.8

54 47.3 38.4 57.6



#24

Nitrobenzene

Concen: 21.61 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

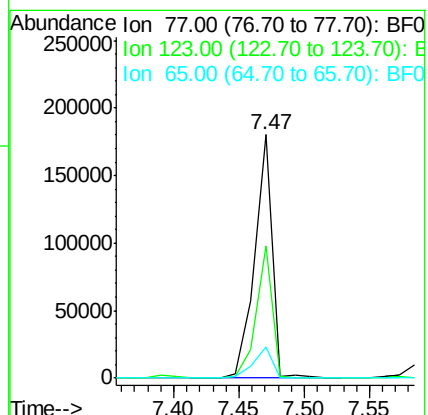
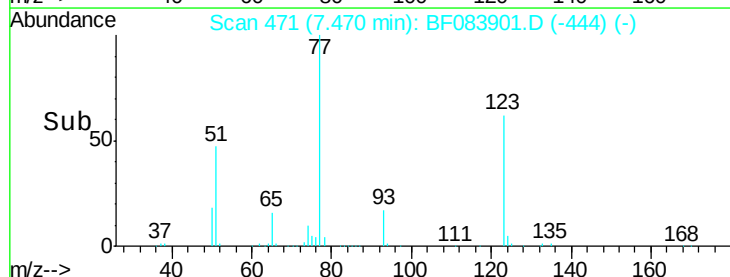
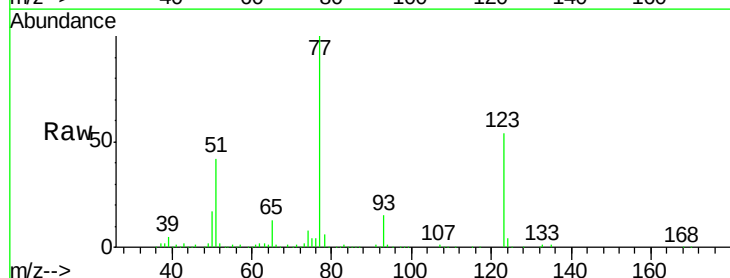
Tgt Ion: 77 Resp: 167896

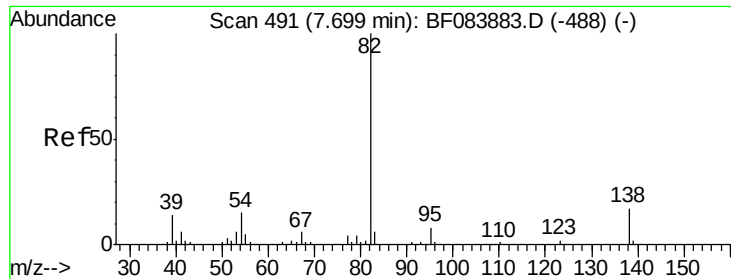
Ion Ratio Lower Upper

77 100

123 54.4 37.4 56.2

65 13.0 10.9 16.3





#25

Isophorone

Concen: 21.00 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

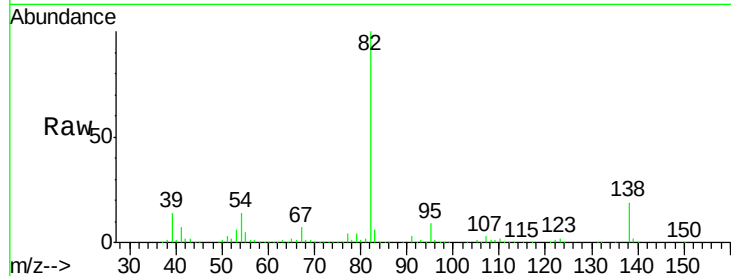
Tot Ion: 82 Resp: 296851

Ion Ratio Lower Upper

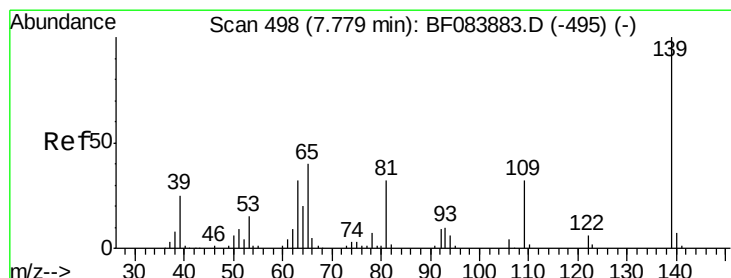
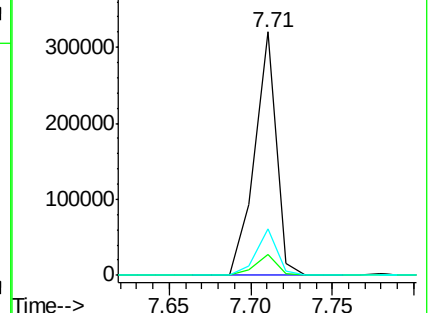
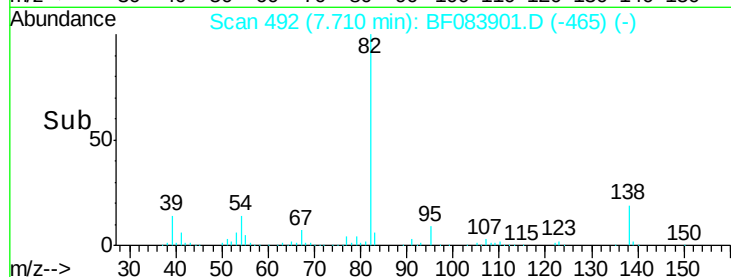
82 100

95 8.7 6.6 10.0

138 19.0 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 13.67 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

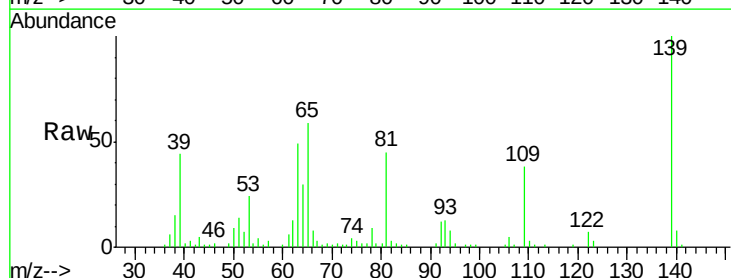
Tgt Ion: 139 Resp: 54993

Ion Ratio Lower Upper

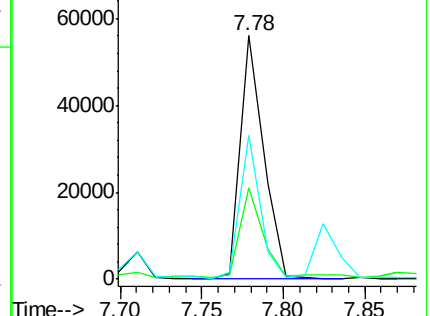
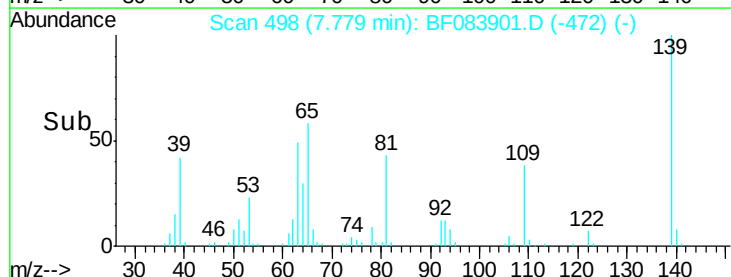
139 100

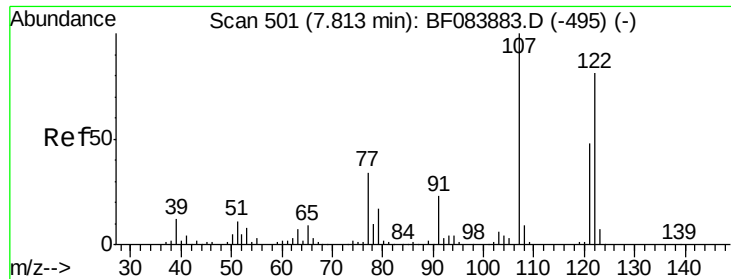
109 37.6 25.4 38.2

65 59.1 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 18.37 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

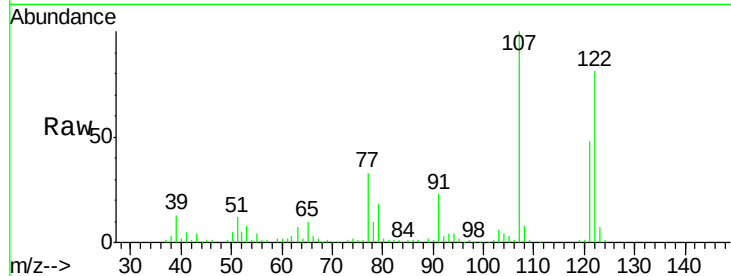
Tot Ion:122 Resp: 127285

Ion Ratio Lower Upper

122 100

107 122.9 99.1 148.7

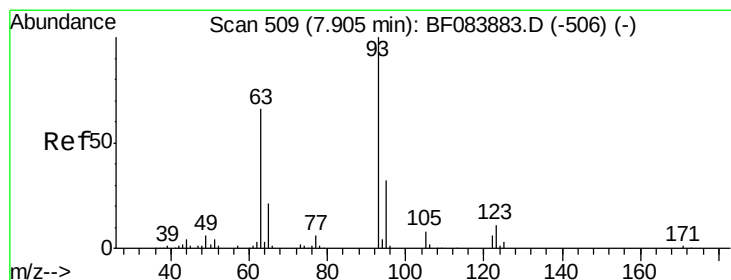
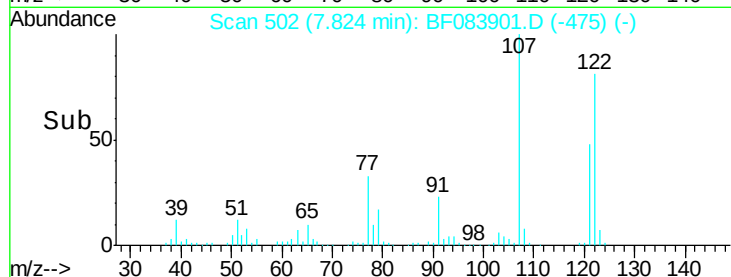
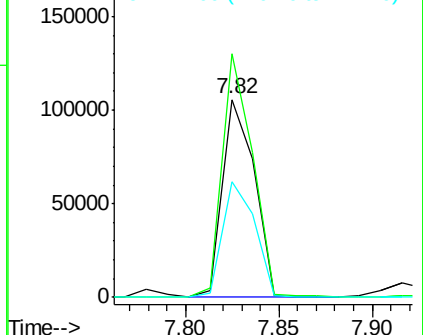
121 58.6 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 21.41 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

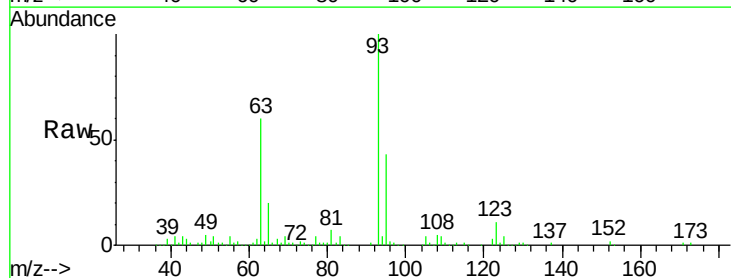
Tgt Ion: 93 Resp: 178973

Ion Ratio Lower Upper

93 100

95 43.0 25.8 38.6#

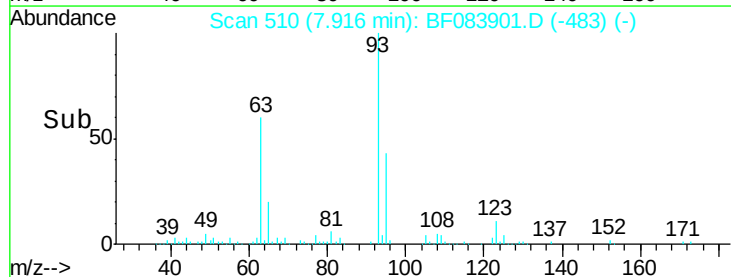
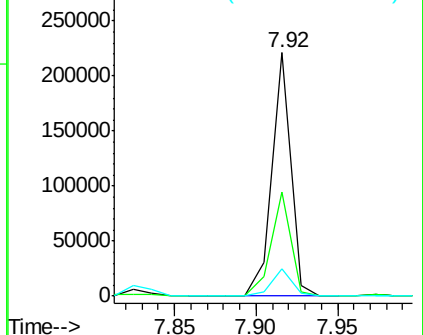
123 11.2 8.6 12.8

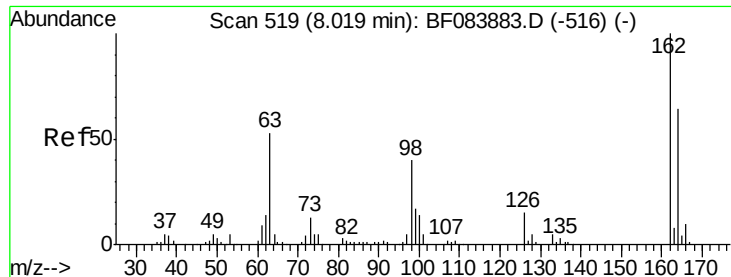


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

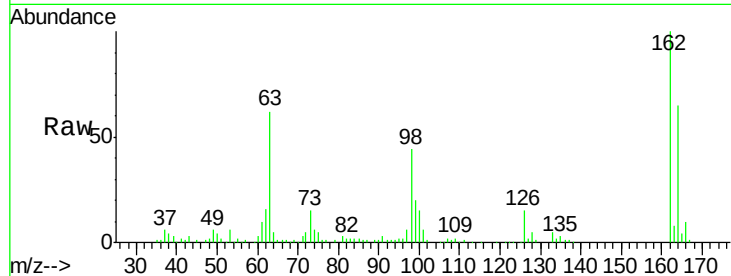




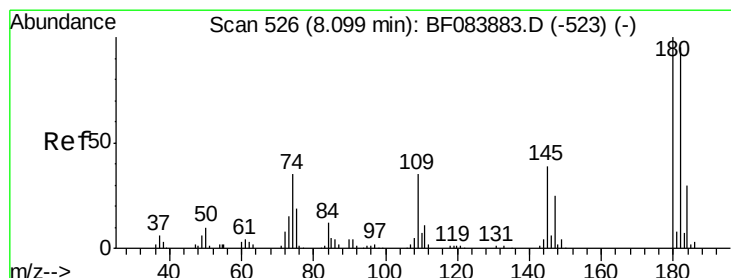
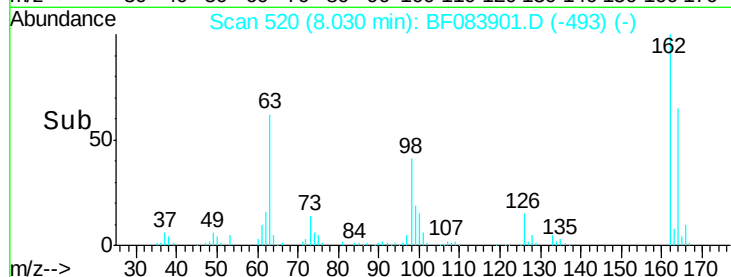
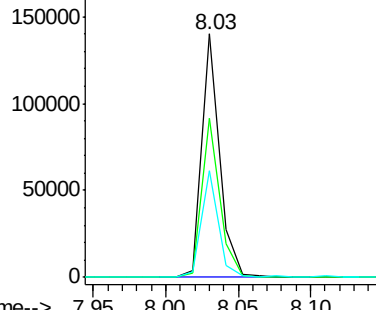
#29
2,4-Dichlorophenol
Concen: 19.05 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 119702
Ion Ratio Lower Upper
162 100
164 65.1 44.1 84.1
98 43.6 20.2 60.2

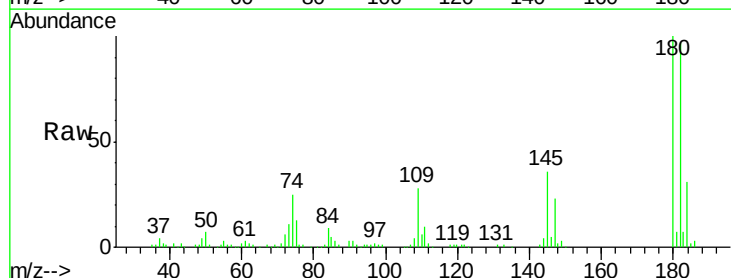


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

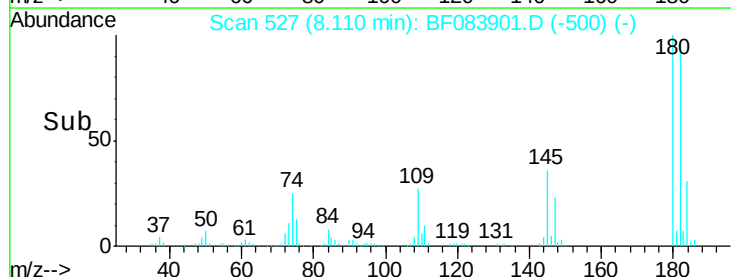
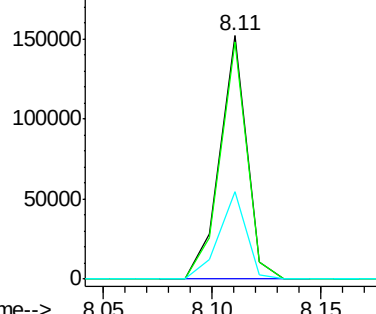


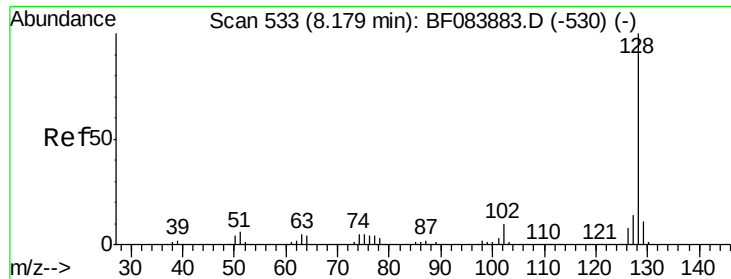
#30
1,2,4-Trichlorobenzene
Concen: 19.42 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:180 Resp: 131081
Ion Ratio Lower Upper
180 100
182 97.3 76.4 114.6
145 36.0 31.6 47.4



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

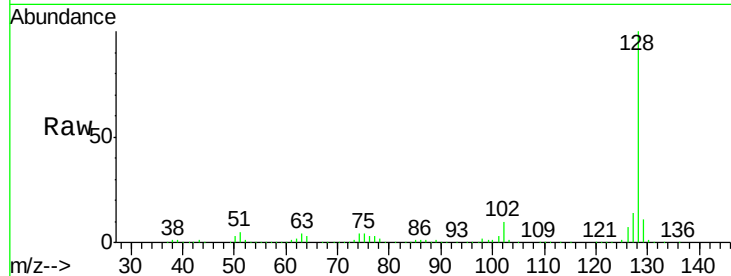




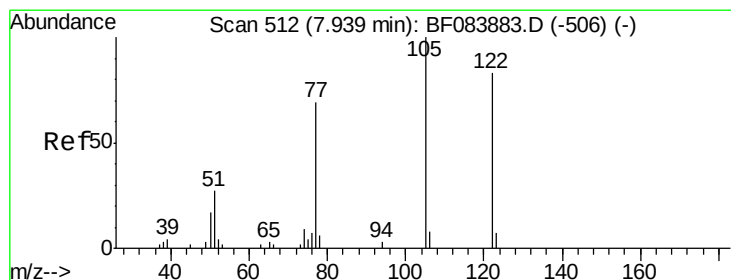
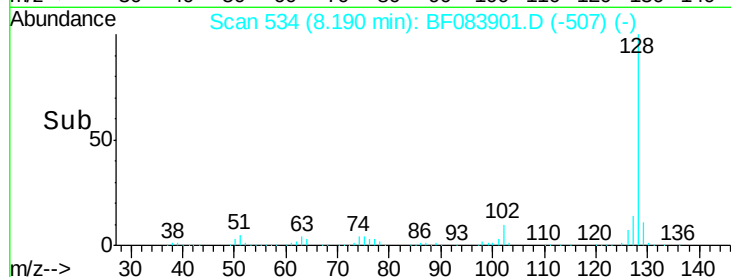
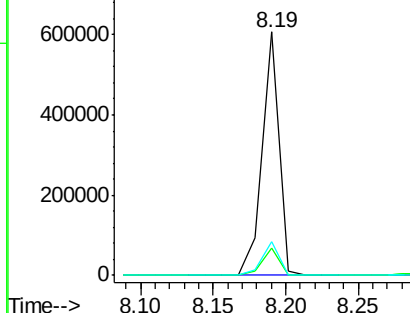
#31
Naphthalene
Concen: 21.59 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 491001
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.8 11.1 16.7

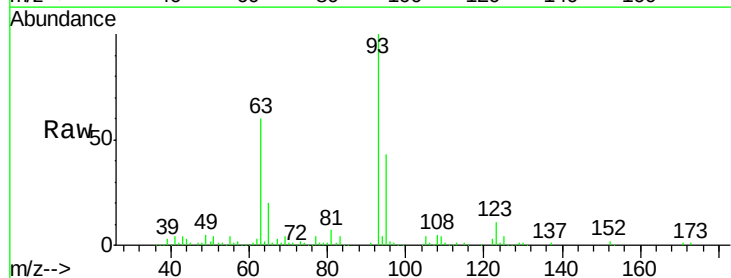


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

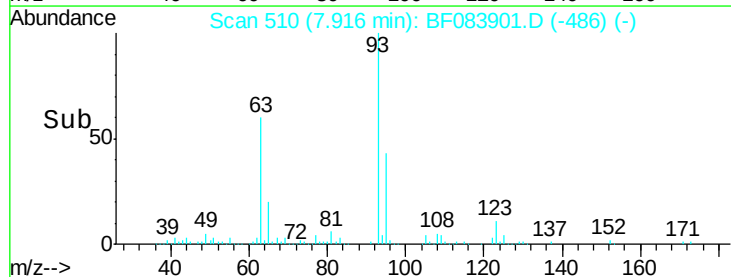
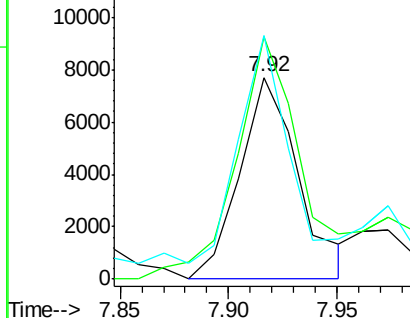


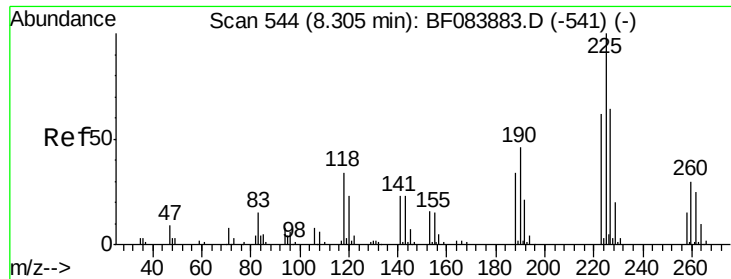
#32
Benzoic acid
Concen: 9.08 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:122 Resp: 14436
Ion Ratio Lower Upper
122 100
105 120.1 100.3 140.3
77 120.6 63.5 103.5#



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

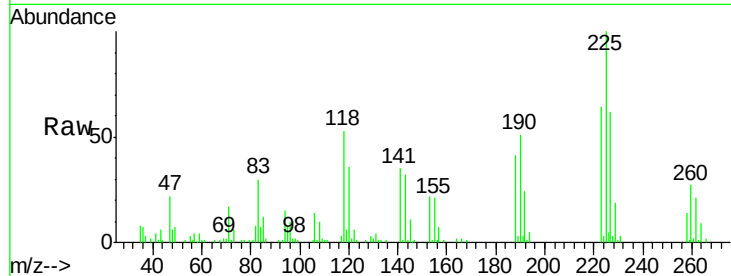




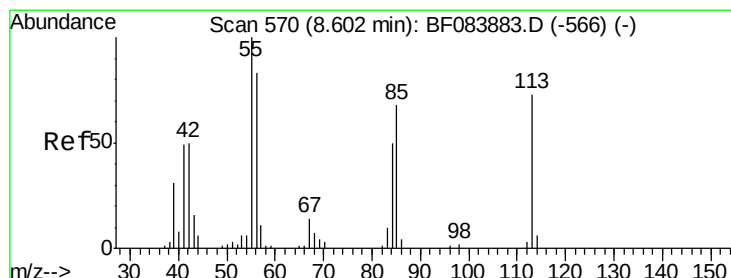
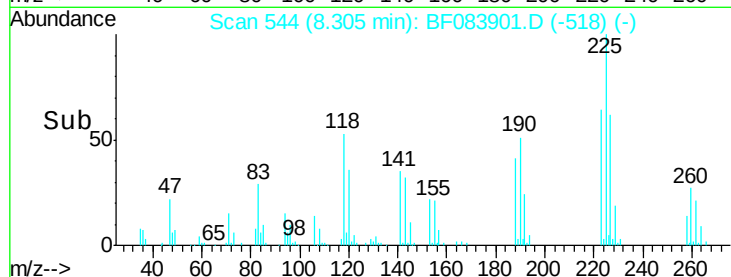
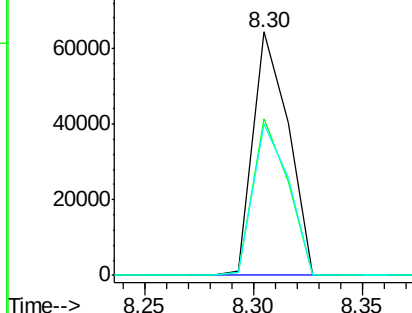
#34
Hexachlorobutadiene
Concen: 17.23 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:225 Resp: 72630
Ion Ratio Lower Upper
225 100
223 64.1 49.4 74.0
227 62.1 50.8 76.2

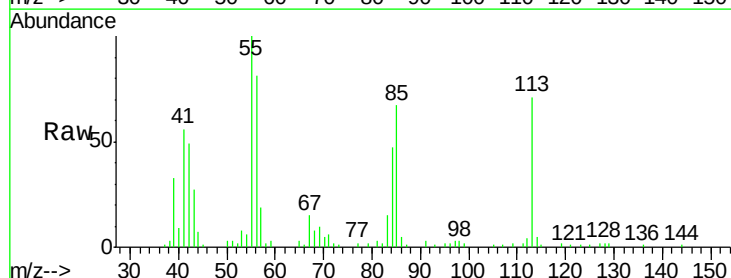


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

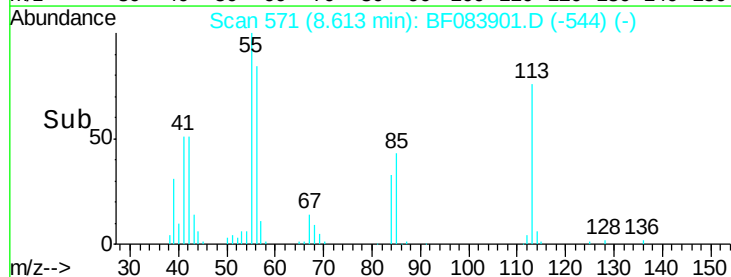
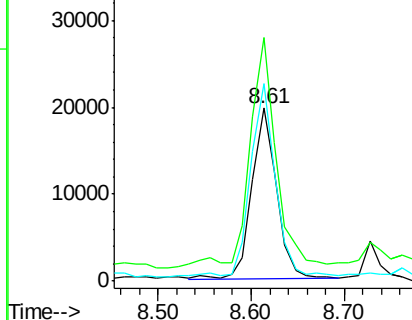


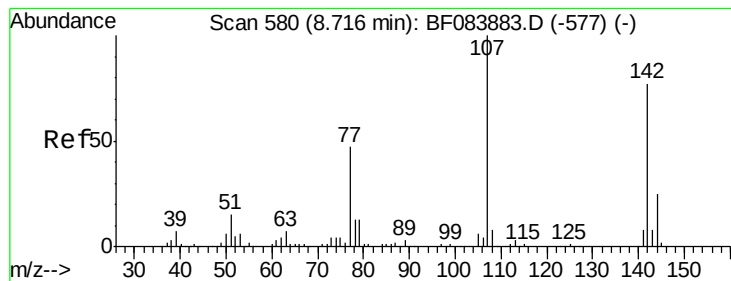
#35
Caprolactam
Concen: 17.67 ng
RT: 8.61 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:113 Resp: 36681
Ion Ratio Lower Upper
113 100
55 140.8 116.9 156.9
56 114.3 93.8 133.8



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: 18.27 ng

RT: 8.73 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampled :

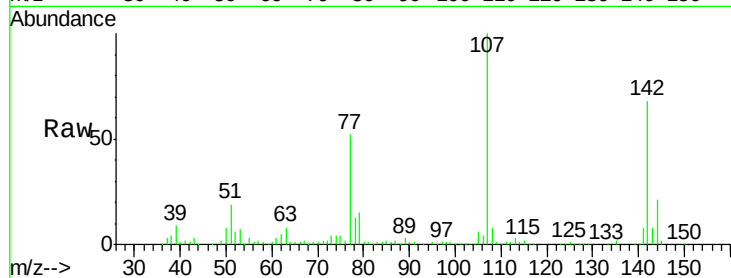
Tot Ion:107 Resp: 137021

Ion Ratio Lower Upper

107 100

144 21.0 19.7 29.5

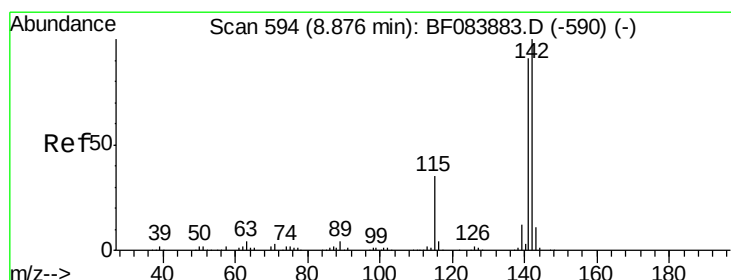
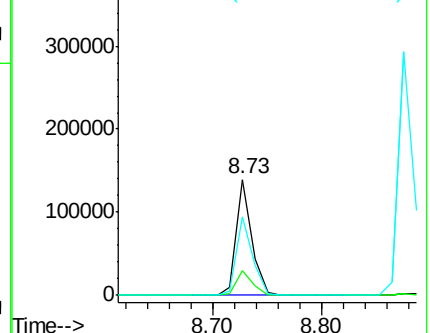
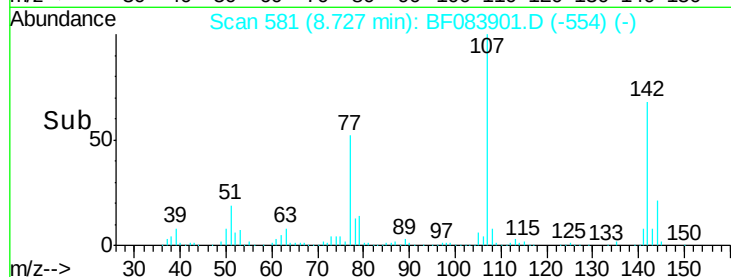
142 68.0 61.8 92.6



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: 18.94 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

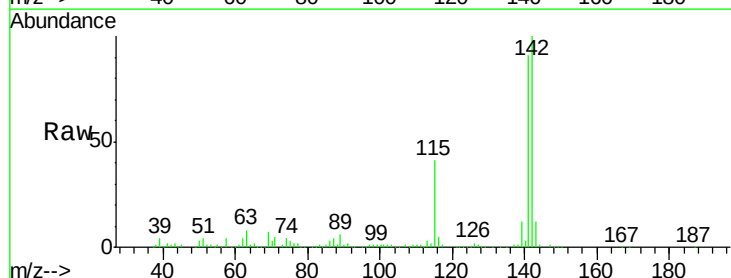
Tgt Ion:142 Resp: 282179

Ion Ratio Lower Upper

142 100

141 91.3 72.4 108.6

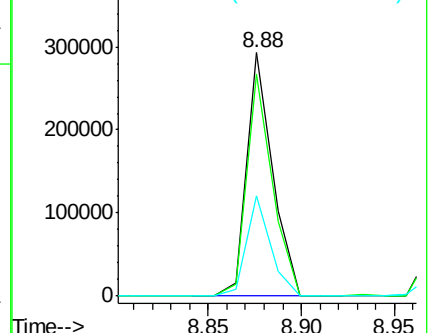
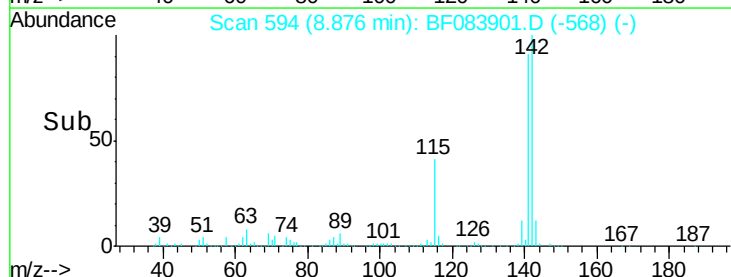
115 41.4 27.9 41.9

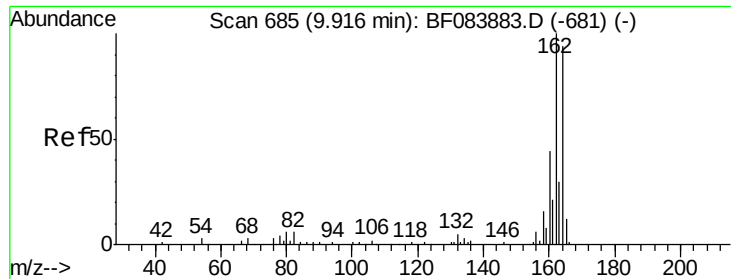


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

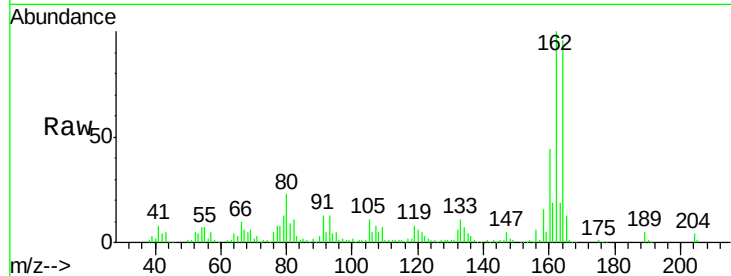
Tot Ion:164 Resp: 171599

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

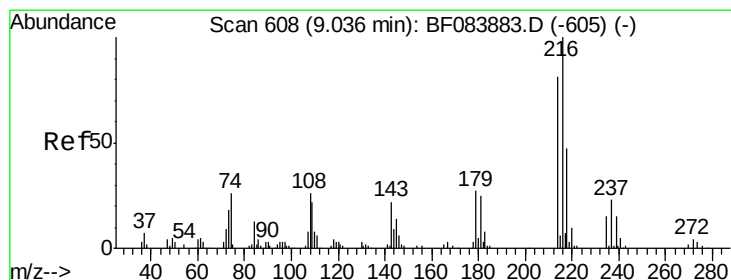
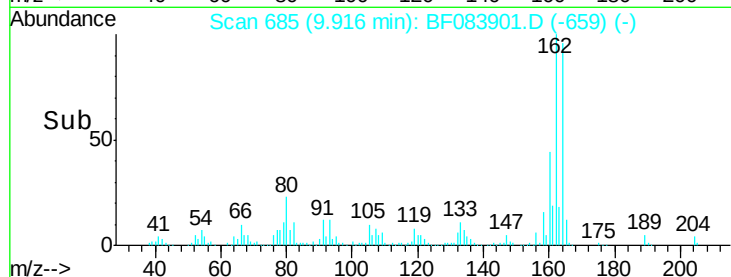
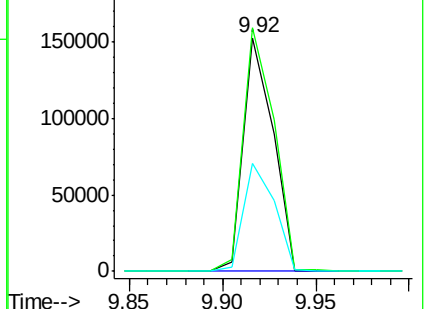
160 46.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.98 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Tgt Ion:216 Resp: 124335

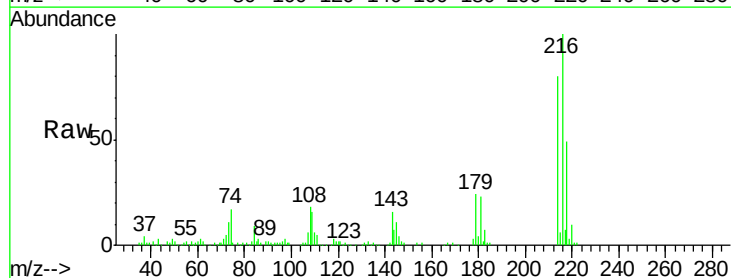
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 24.2 18.7 28.1

108 20.3 16.8 25.2

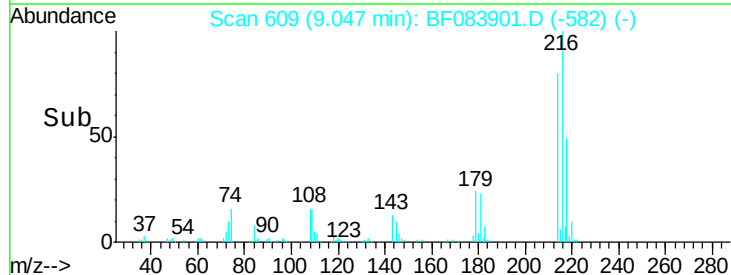
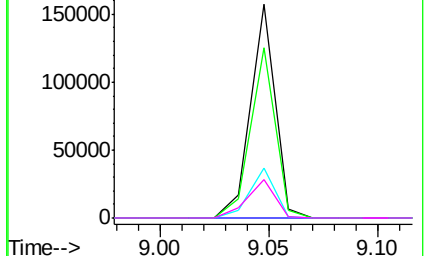


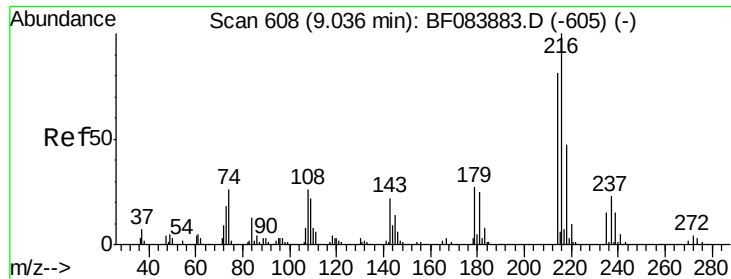
Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.83 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

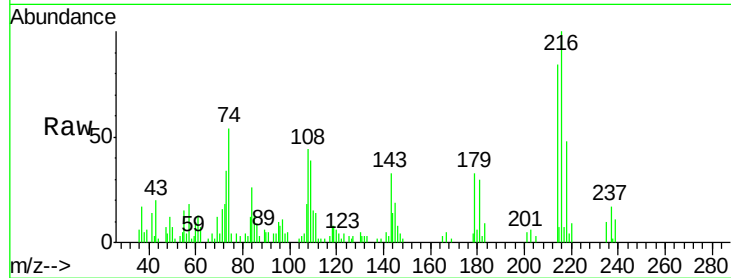
Tot Ion:237 Resp: 1988

Ion Ratio Lower Upper

237 100

235 59.0 43.1 83.1

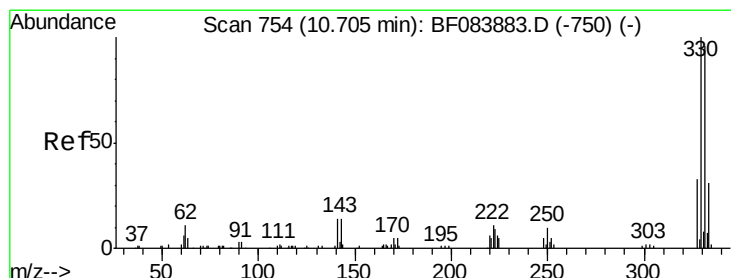
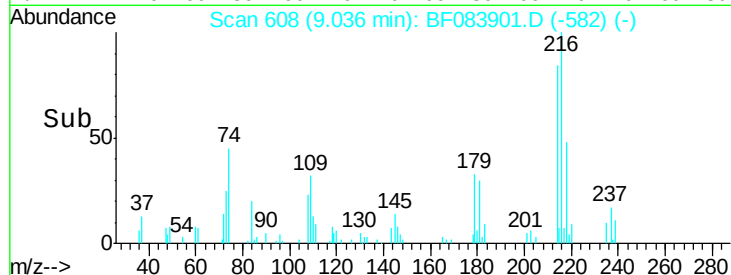
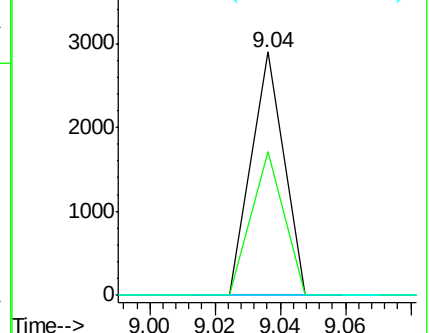
272 0.0 0.0 35.1



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: 64.45 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

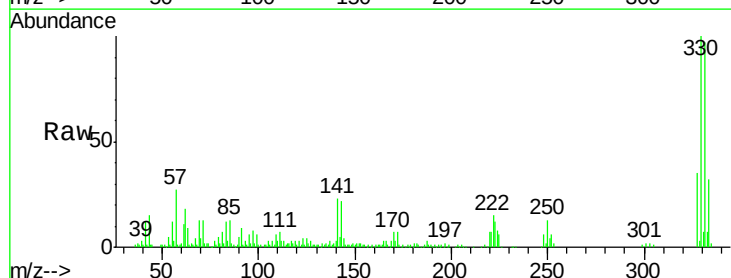
Tgt Ion:330 Resp: 121843

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

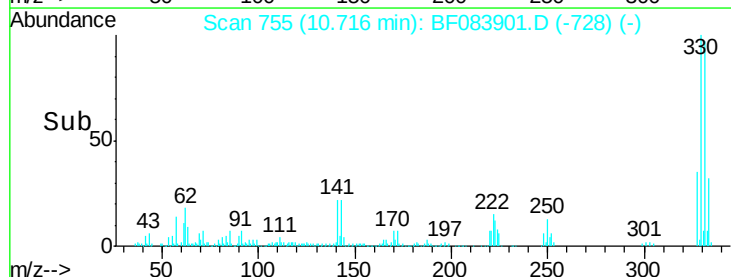
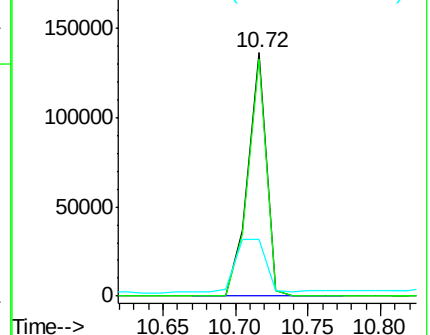
141 36.1 27.8 41.6

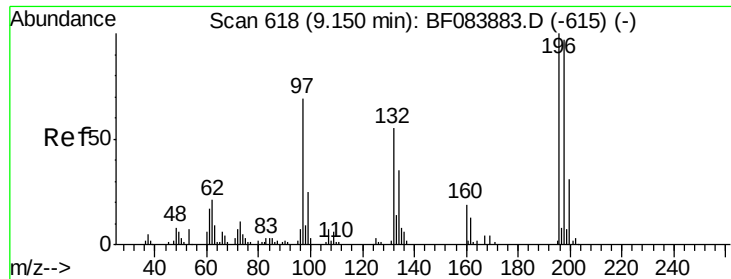


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 21.58 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

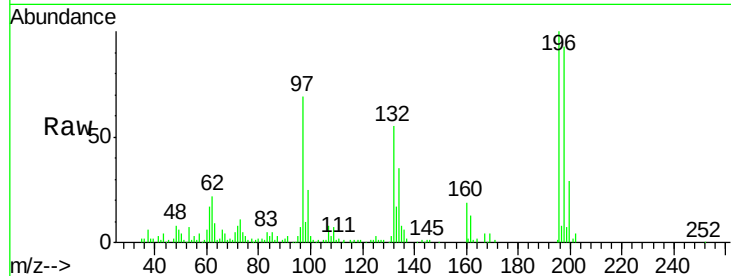
Tot Ion:196 Resp: 77097

Ion Ratio Lower Upper

196 100

198 93.2 77.7 116.5

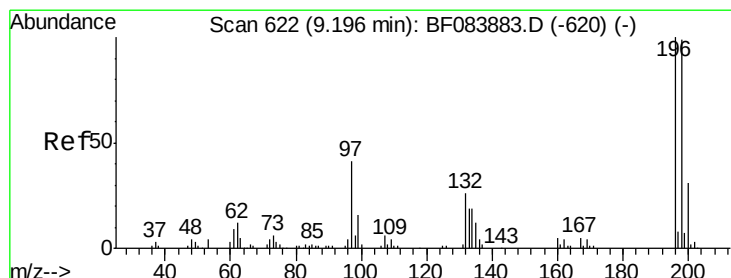
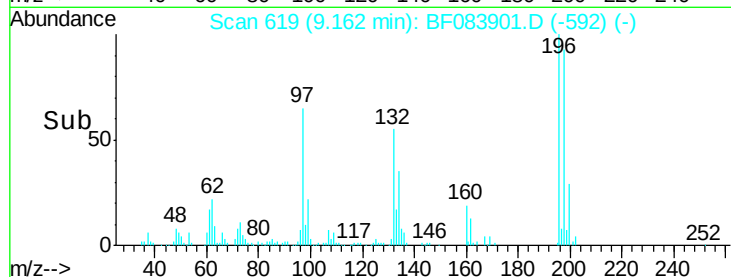
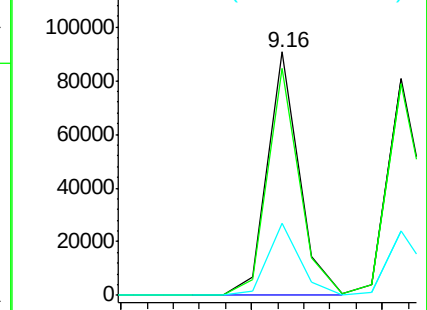
200 29.4 24.6 37.0



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: 21.35 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Tgt Ion:196 Resp: 75472

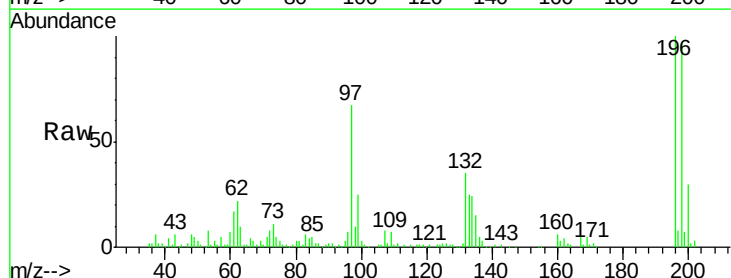
Ion Ratio Lower Upper

196 100

198 97.2 79.0 118.6

97 67.5 33.0 49.6#

132 35.1 21.1 31.7#

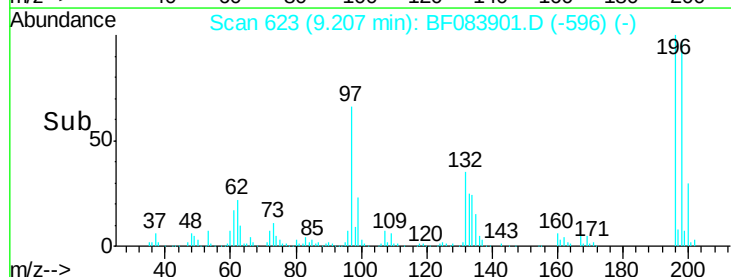
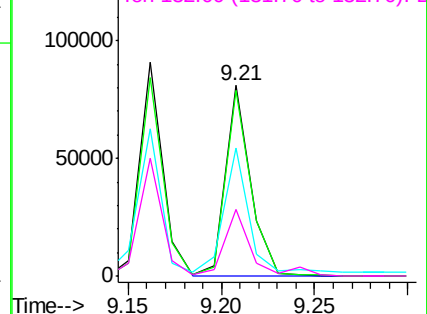


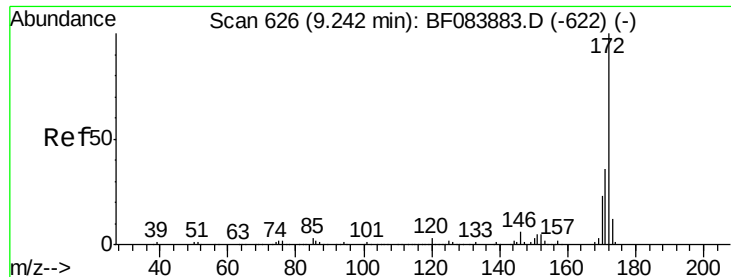
Abundance Ion 196.00 (195.70 to 196.70): E

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

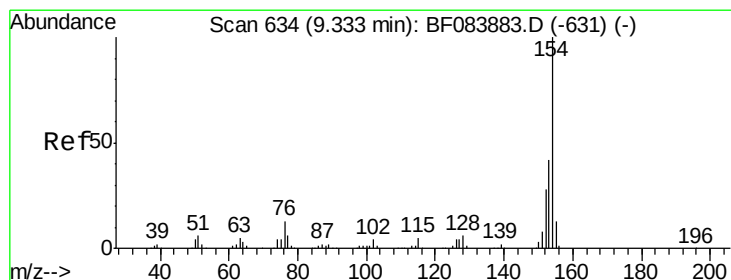
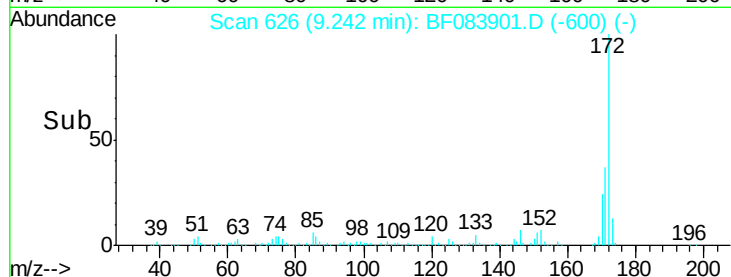
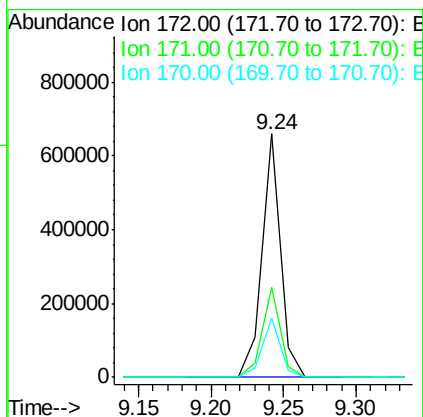
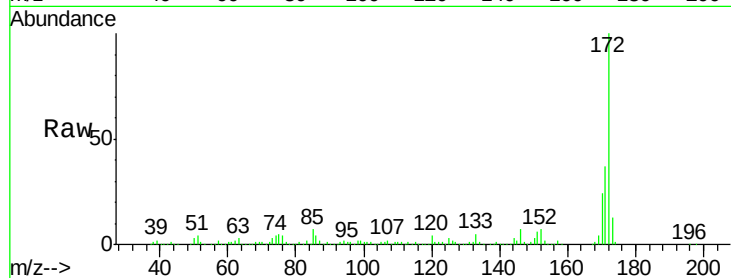




#44
2-Fluorobiphenyl
Concen: 44.17 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

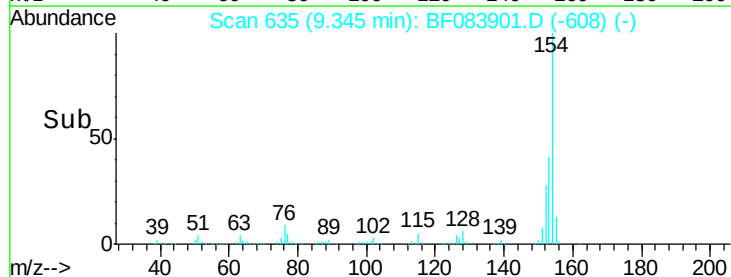
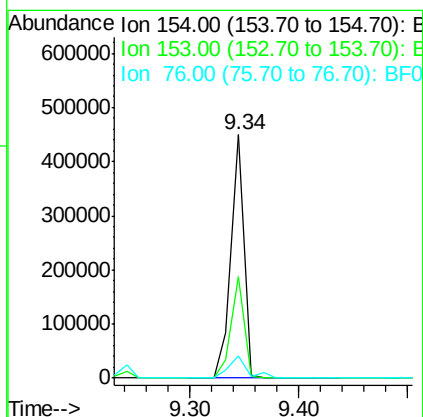
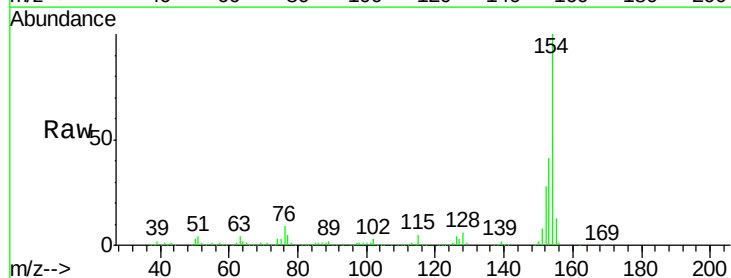
Instrument :
BNA_F
ClientSampleId :

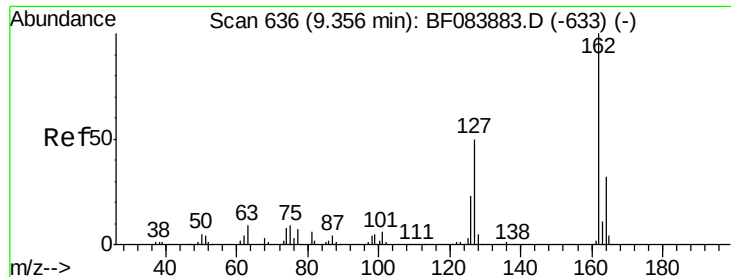
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	18.6	27.8



#45
1,1'-Biphenyl
Concen: 25.06 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.6	61.6
76	9.2	0.0	32.7

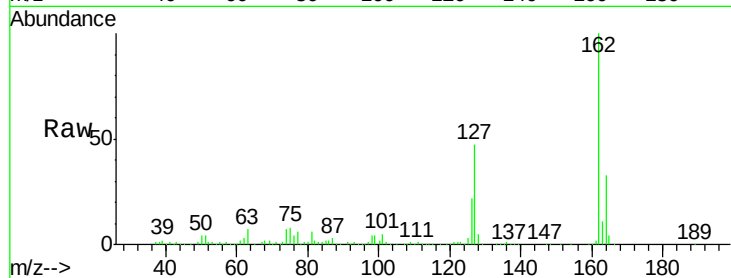




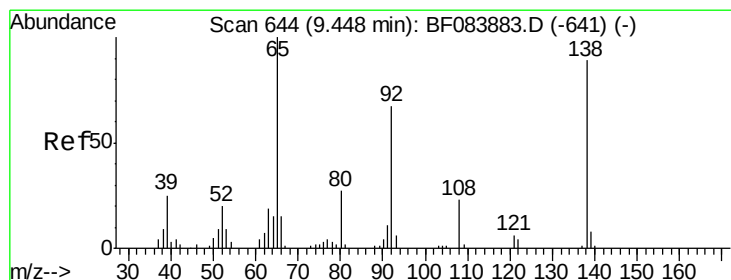
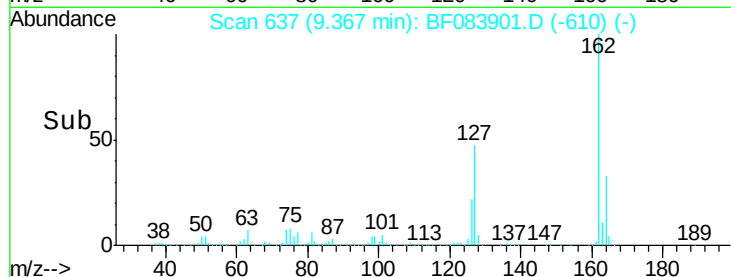
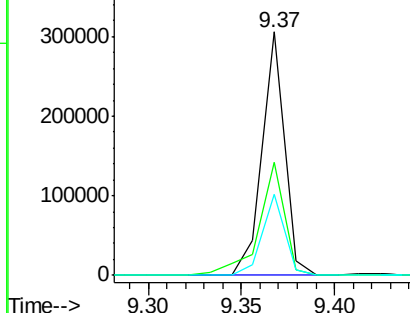
#46
2-Chloronaphthalene
Concen: 21.55 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 253304
Ion Ratio Lower Upper
162 100
127 46.7 40.2 60.4
164 33.1 25.7 38.5

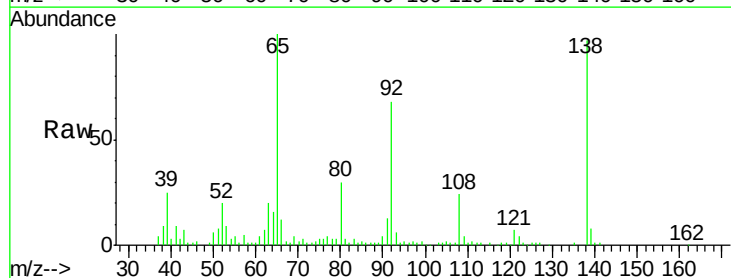


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

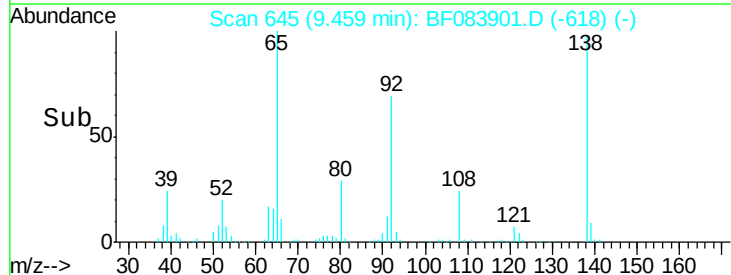
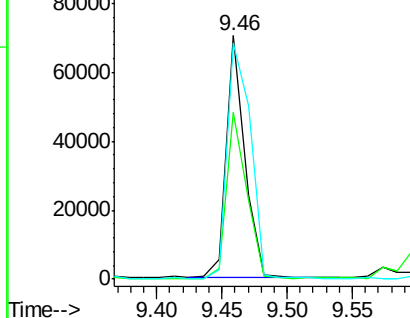


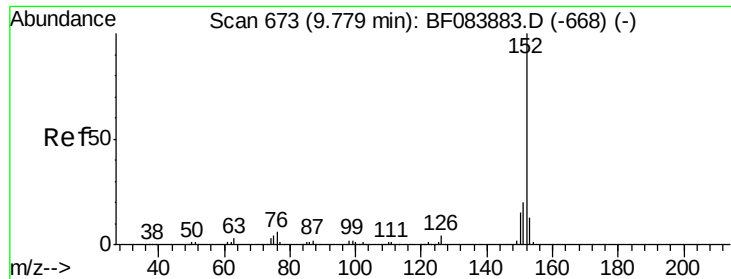
#47
2-Nitroaniline
Concen: 20.47 ng
RT: 9.46 min Scan# 645
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion: 65 Resp: 69471
Ion Ratio Lower Upper
65 100
92 68.4 53.4 80.2
138 96.7 71.1 106.7



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





#48

Acenaphthylene

Concen: 19.22 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampled :

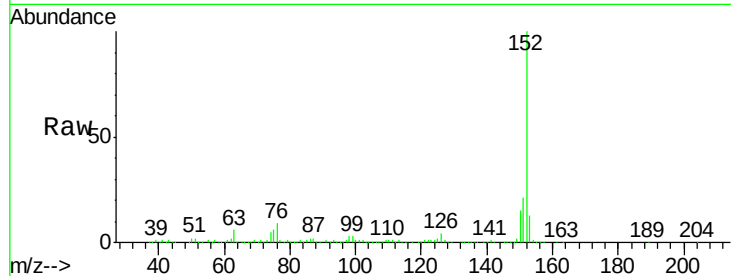
Tot Ion:152 Resp: 384406

Ion Ratio Lower Upper

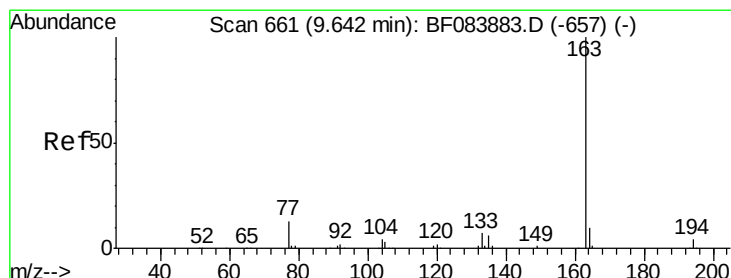
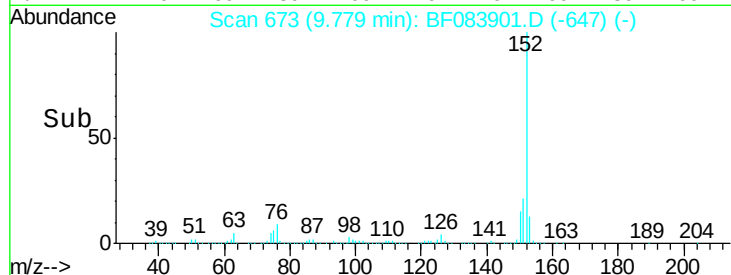
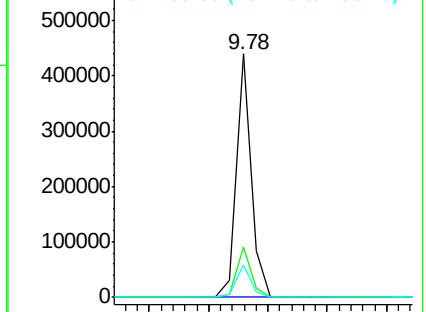
152 100

151 20.7 16.3 24.5

153 13.4 10.4 15.6



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



#49

Dimethylphthalate

Concen: 30.79 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

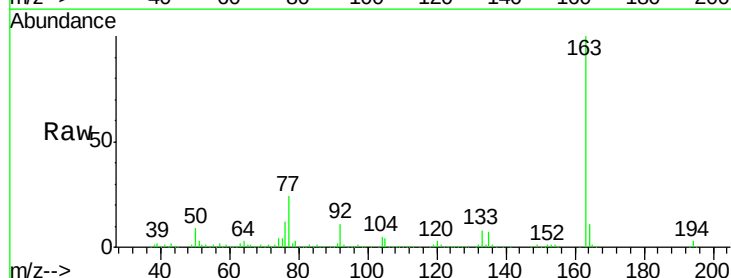
Tgt Ion:163 Resp: 443286

Ion Ratio Lower Upper

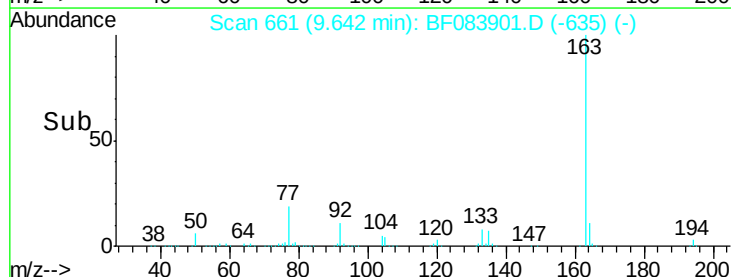
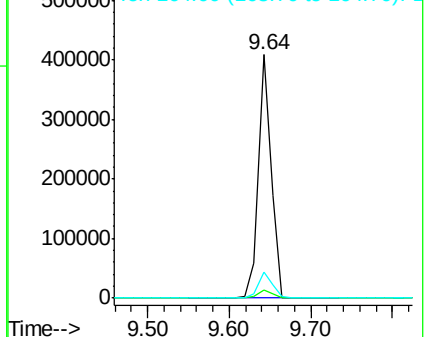
163 100

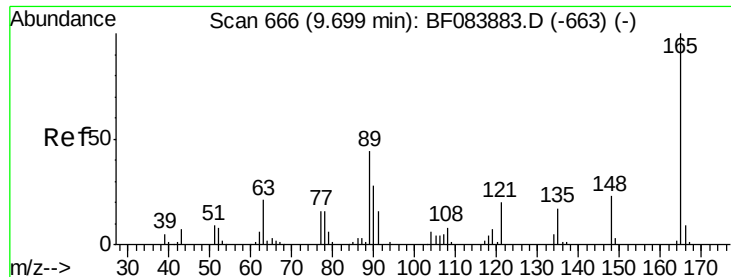
194 3.2 3.0 4.6

164 10.6 7.9 11.9



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

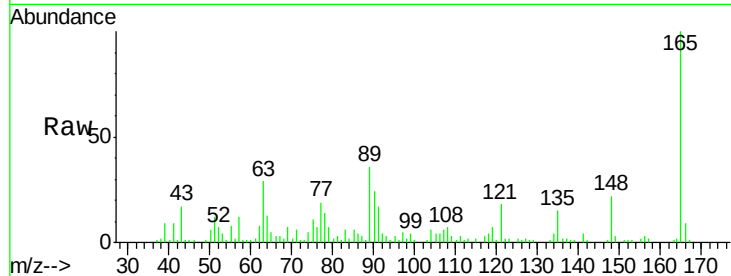




#50
2,6-Dinitrotoluene
Concen: 16.93 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

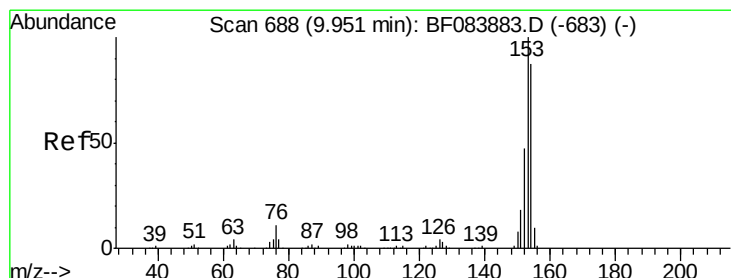
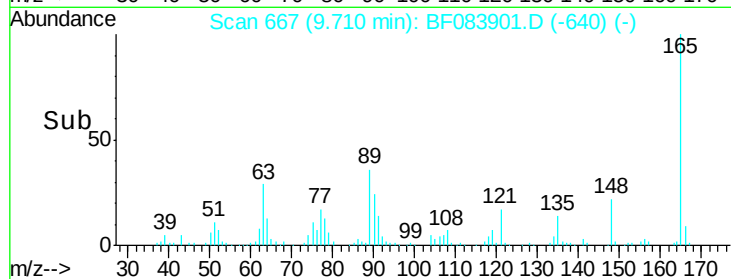
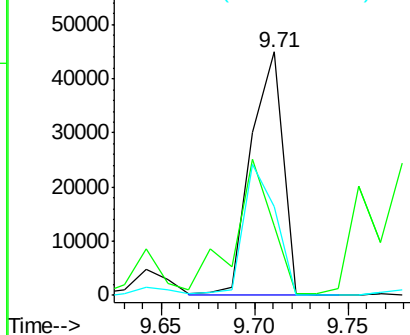
Tot Ion	Ratio	Lower	Upper
165	100		
63	28.6	28.8	43.2#
89	36.3	35.1	52.7



Abundance Ion 165.00 (164.70 to 165.70): E

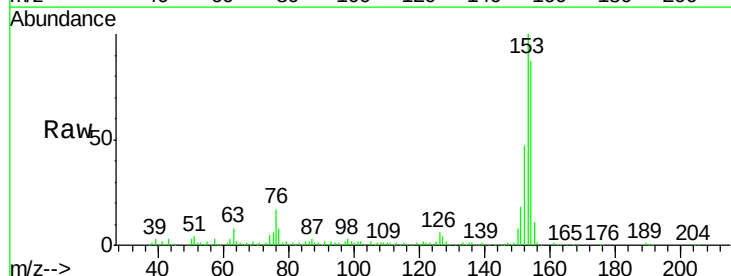
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 17.57 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

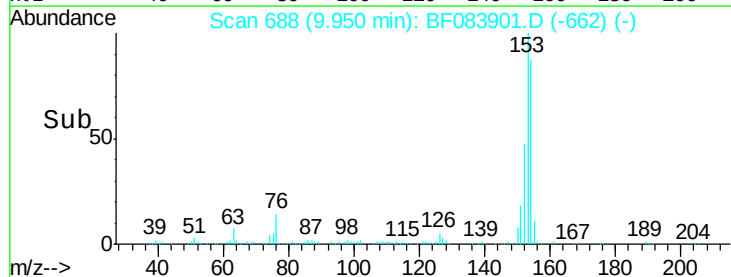
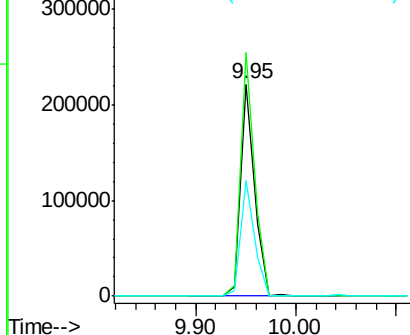
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.5	137.3
152	54.3	43.0	64.6

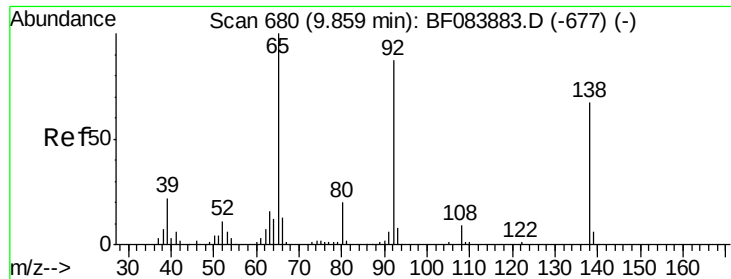


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

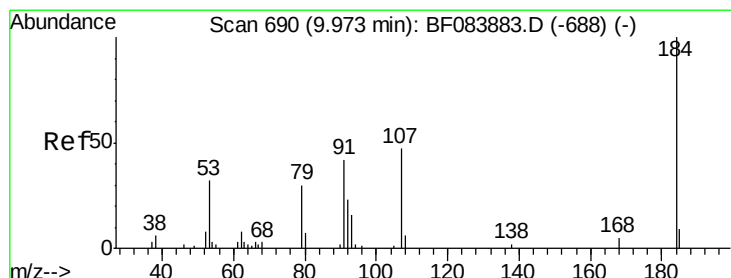
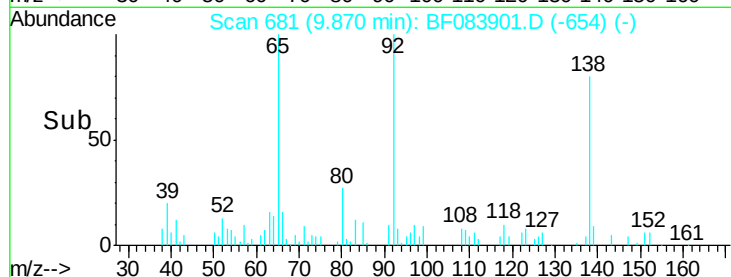
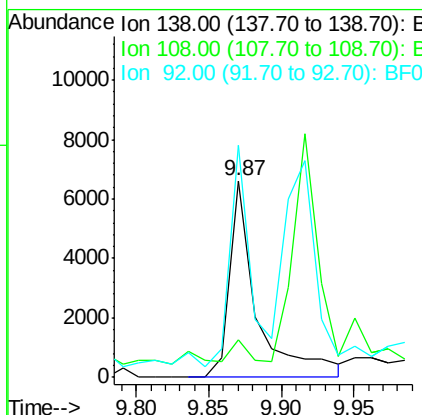
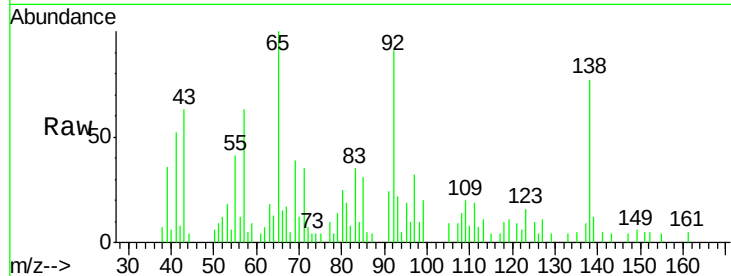




#52
3-Nitroaniline
Concen: 2.63 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

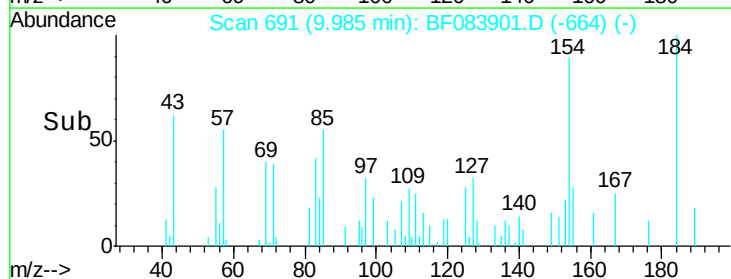
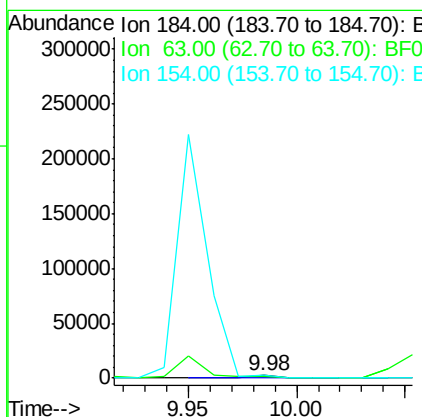
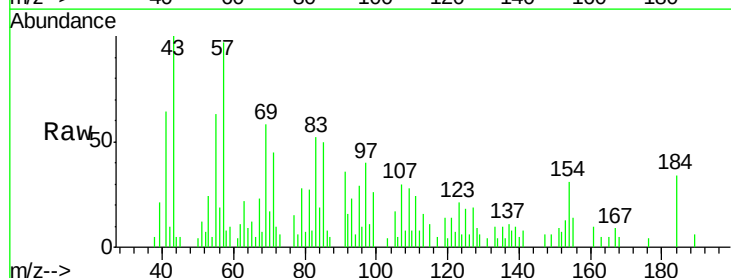
Instrument :
BNA_F
ClientSampled :

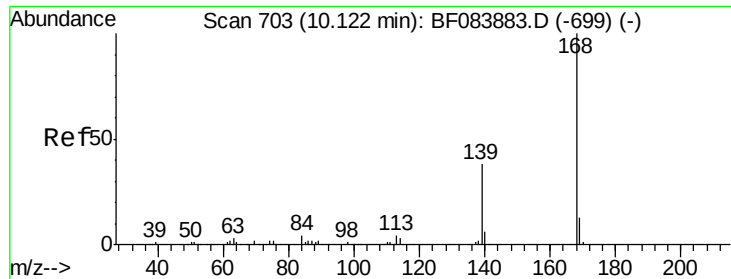
Tot Ion:138 Resp: 8706
Ion Ratio Lower Upper
138 100
108 18.9 10.5 15.7#
92 118.1 103.9 155.9



#53
2,4-Dinitrophenol
Concen: 12.22 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:184 Resp: 2492
Ion Ratio Lower Upper
184 100
63 63.4 43.1 64.7
154 89.4 60.5 90.7

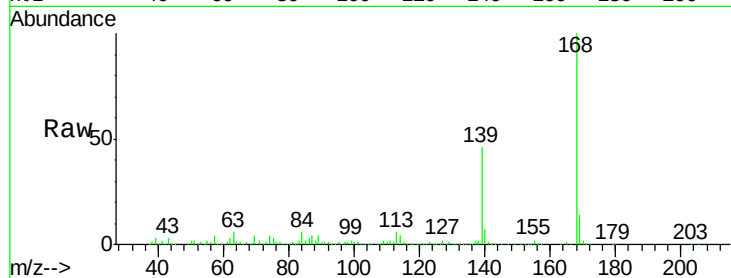




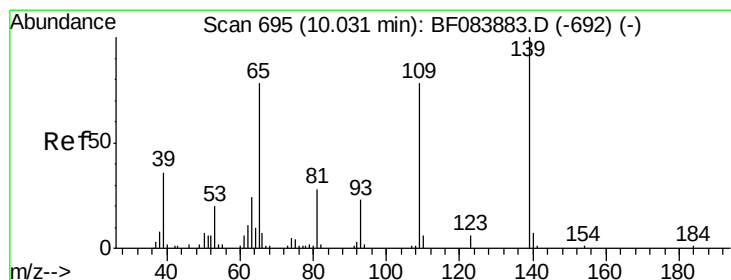
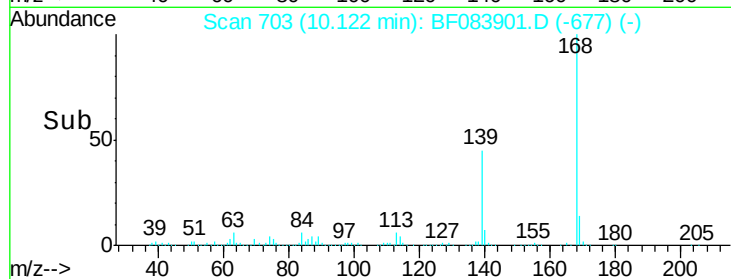
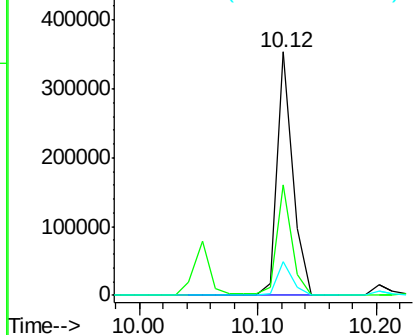
#54
Dibenzenofuran
Concen: 20.26 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 323620
Ion Ratio Lower Upper
168 100
139 45.5 30.5 45.7
169 14.0 10.4 15.6

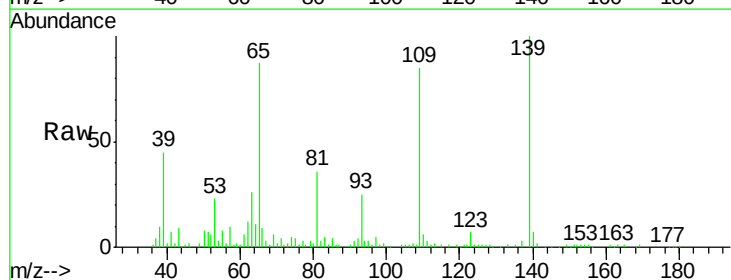


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

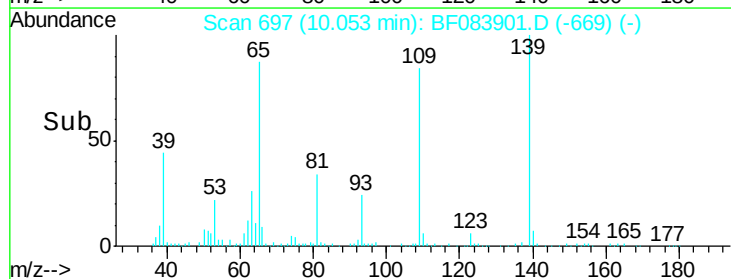
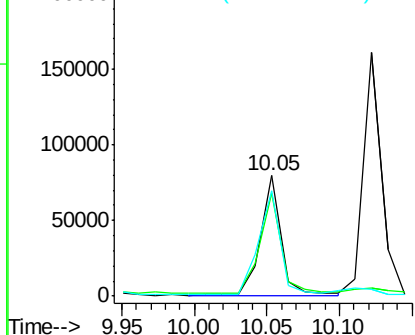


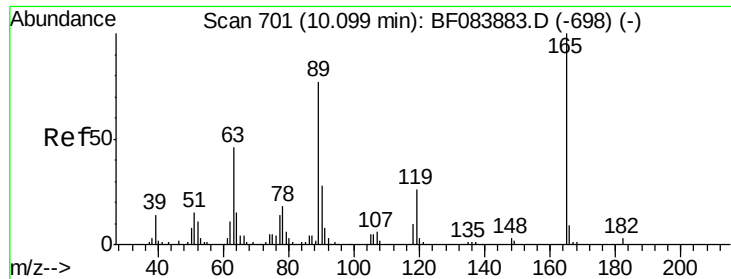
#55
4-Nitrophenol
Concen: 37.28 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.02 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:139 Resp: 77059
Ion Ratio Lower Upper
139 100
109 85.2 58.5 98.5
65 87.2 57.6 97.6



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

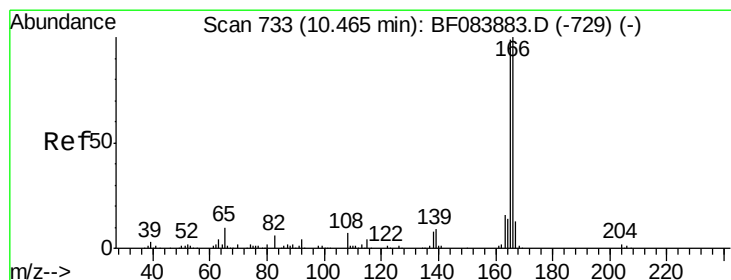
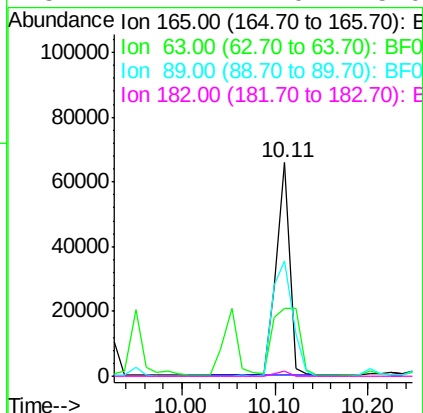
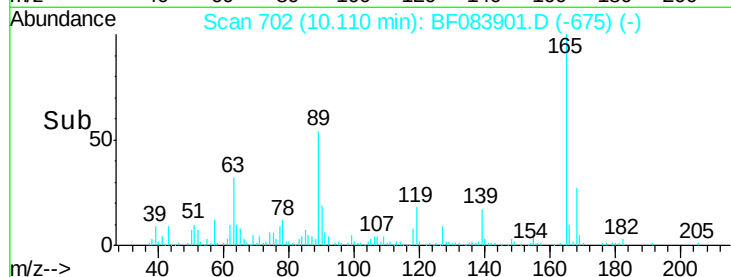
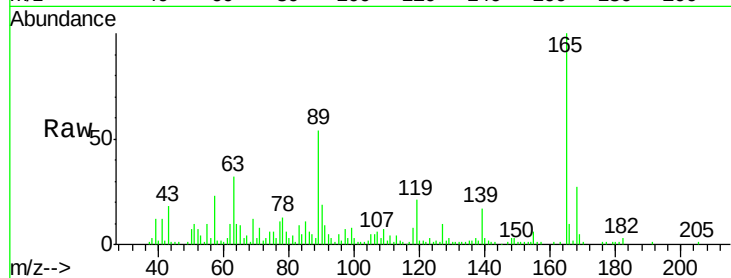




#56
2,4-Dinitrotoluene
Concen: 16.69 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

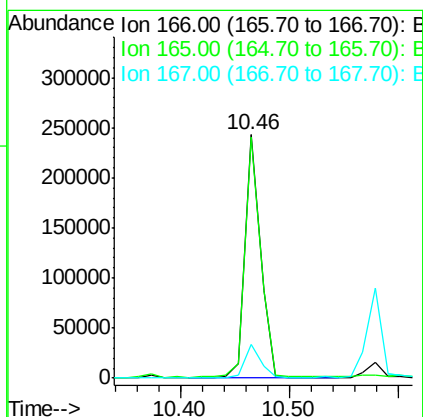
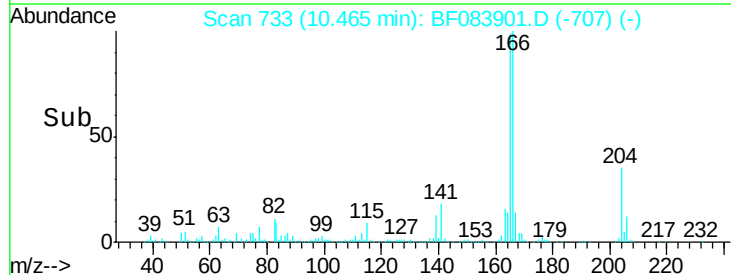
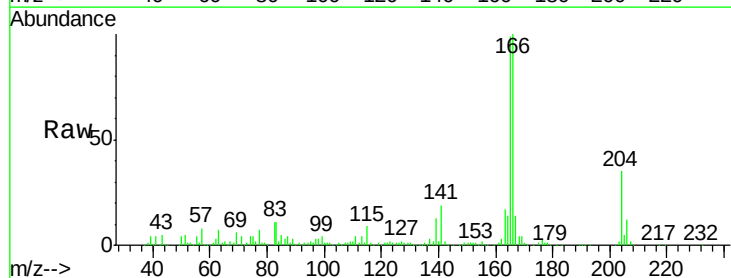
Instrument :
BNA_F
ClientSampleId :

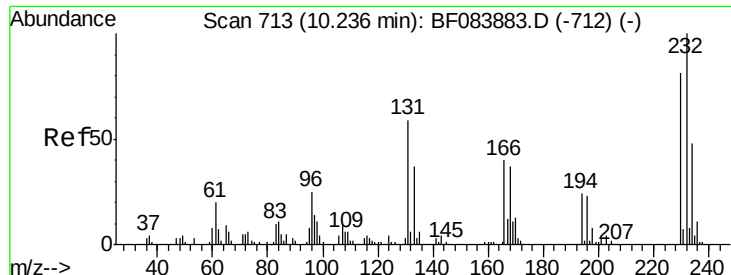
Tot Ion:165 Resp: 67202
Ion Ratio Lower Upper
165 100
63 31.8 36.7 55.1#
89 53.8 61.9 92.9#
182 2.7 2.0 3.0



#57
Fluorene
Concen: 17.78 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:166 Resp: 238132
Ion Ratio Lower Upper
166 100
165 99.1 79.1 118.7
167 14.0 10.4 15.6

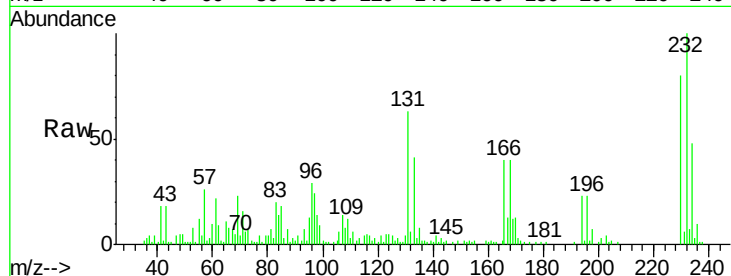




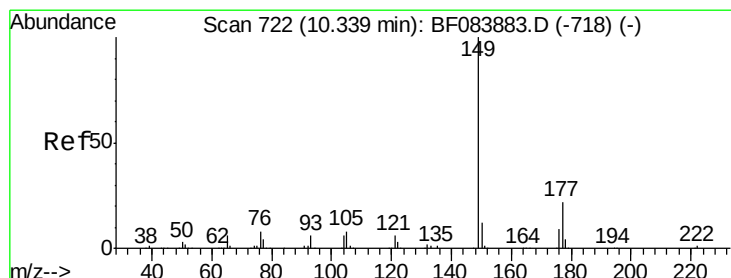
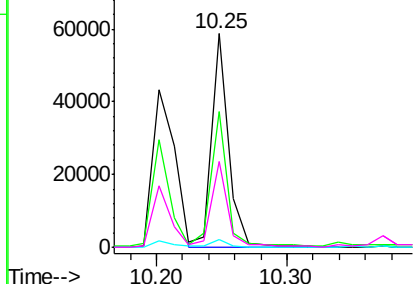
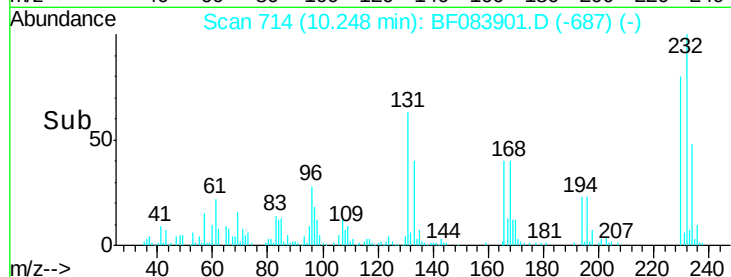
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 20.44 ng
 RT: 10.25 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BF083901.D
 Acq: 18 Dec 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 53453
 Ion Ratio Lower Upper
 232 100
 131 57.3 47.0 70.6
 130 3.2 2.0 3.0#
 166 39.3 30.5 45.7

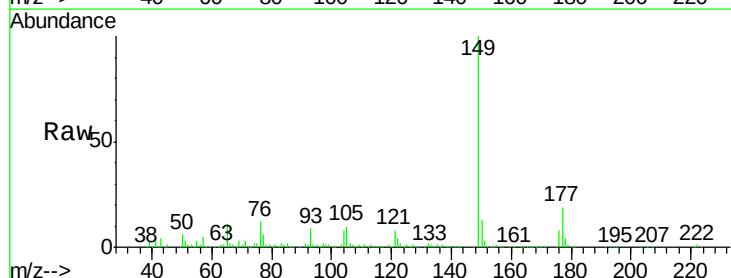


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

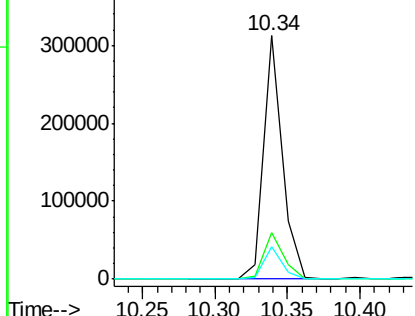
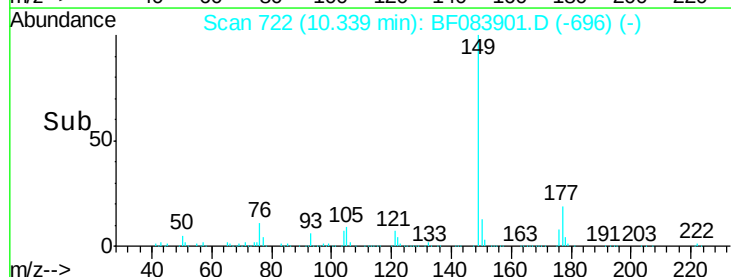


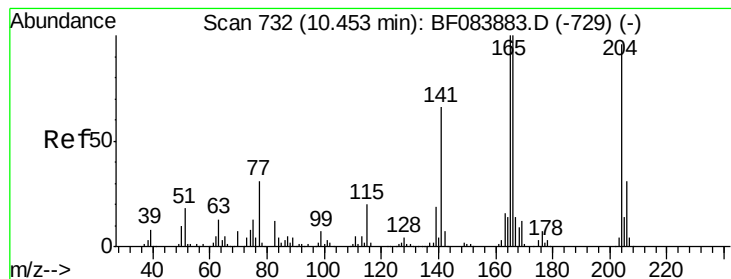
#59
 Diethylphthalate
 Concen: 18.70 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083901.D
 Acq: 18 Dec 2015 7:08

Tgt Ion:149 Resp: 278331
 Ion Ratio Lower Upper
 149 100
 177 19.0 17.3 25.9
 150 13.1 9.8 14.8



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: 18.16 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampled :

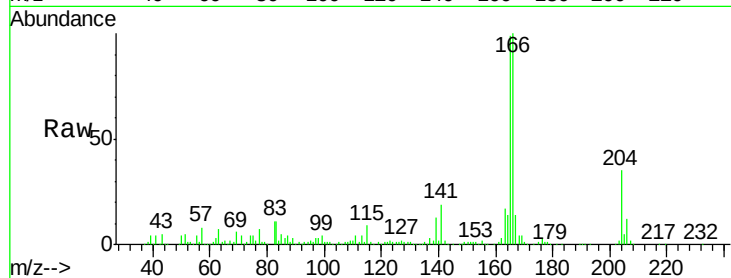
Tot Ion:204 Resp: 111215

Ion Ratio Lower Upper

204 100

206 33.7 25.7 38.5

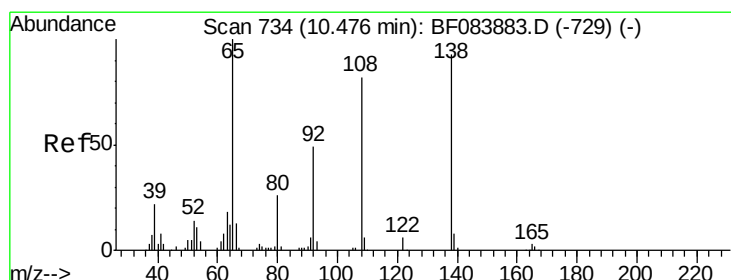
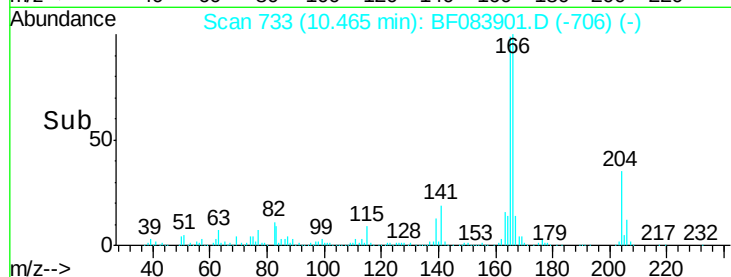
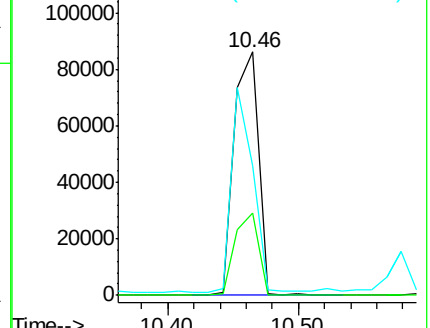
141 53.4 55.1 82.7#



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: 4.37 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

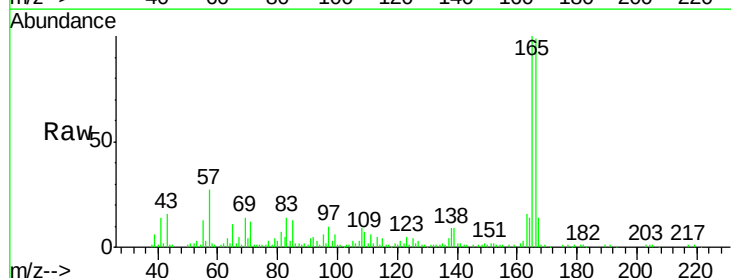
Tgt Ion:138 Resp: 14963

Ion Ratio Lower Upper

138 100

92 54.6 32.6 72.6

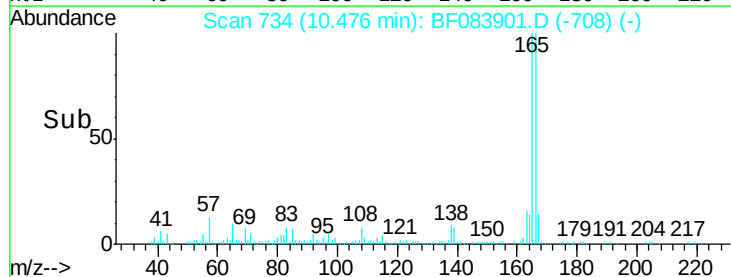
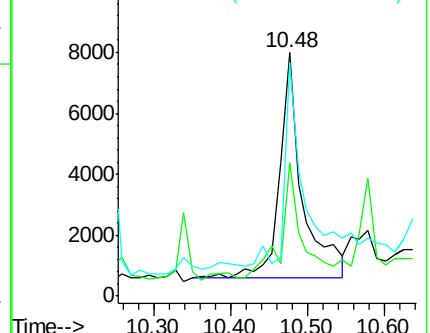
108 95.6 68.6 108.6

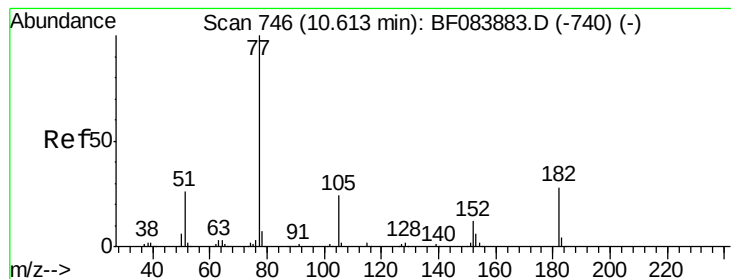


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 18.95 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 236480

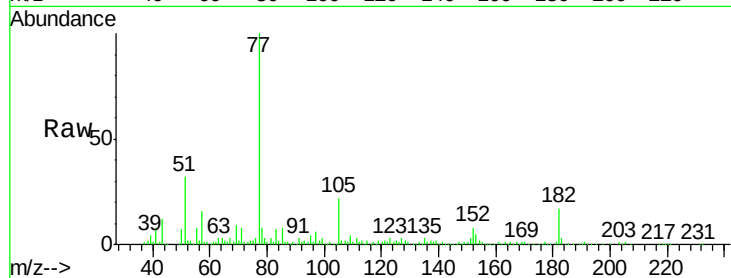
Ion Ratio Lower Upper

77 100

182 16.8 8.3 48.3

105 22.3 4.6 44.6

51 31.6 6.2 46.2

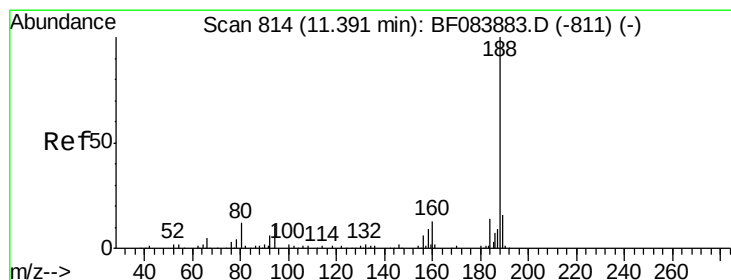
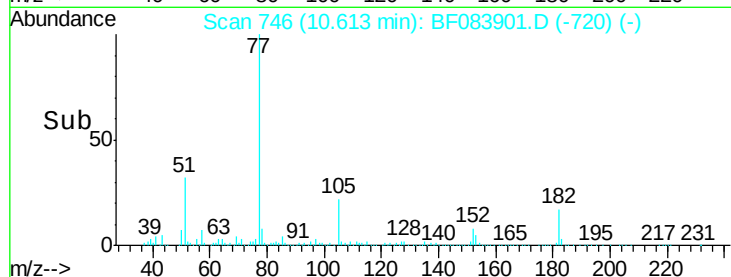
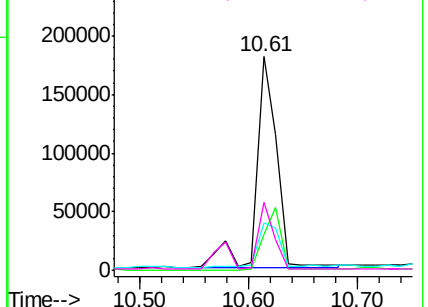


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.41 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

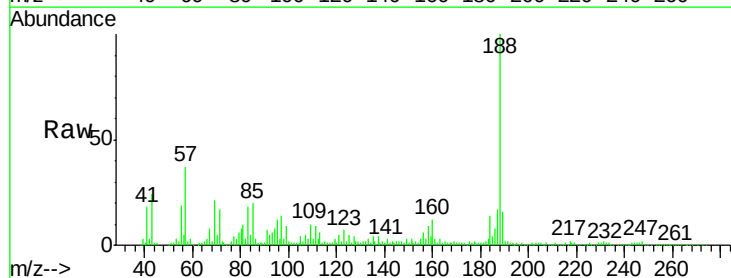
Tgt Ion: 188 Resp: 252007

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.4#

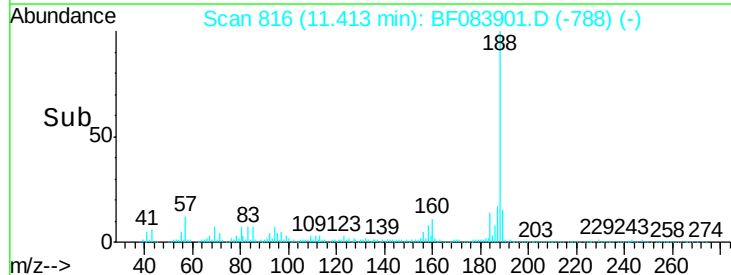
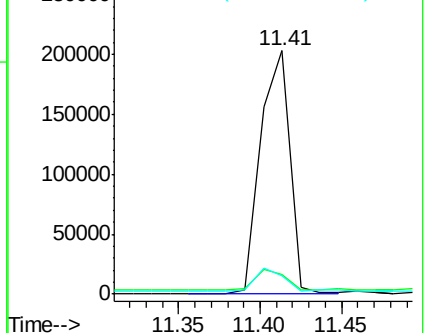
80 7.7 9.6 14.4#

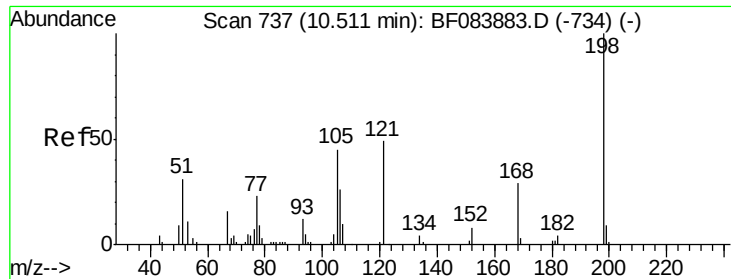


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.41 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

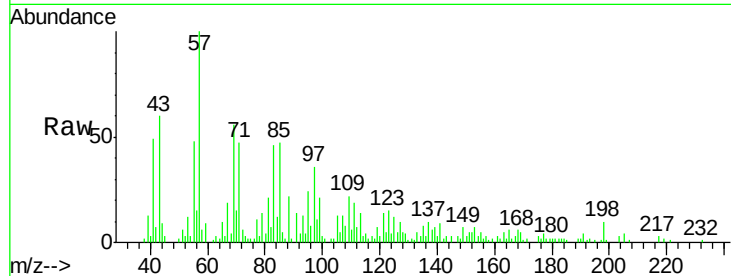
Tot Ion:198 Resp: 2492

Ion Ratio Lower Upper

198 100

51 55.3 18.9 58.9

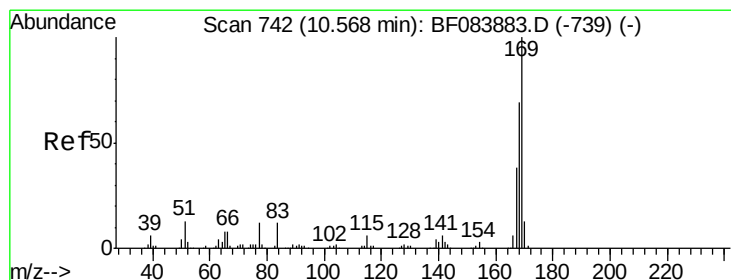
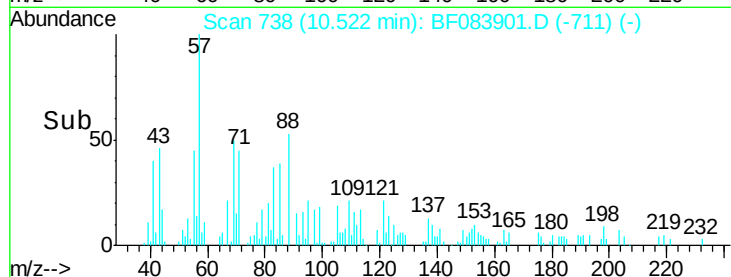
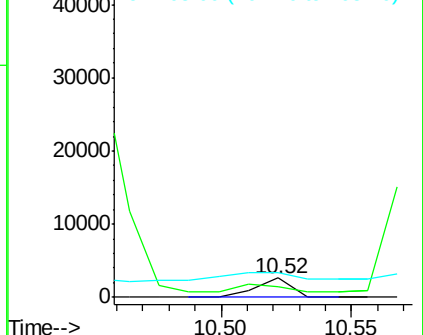
105 131.1 26.4 66.4#



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: 24.48 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

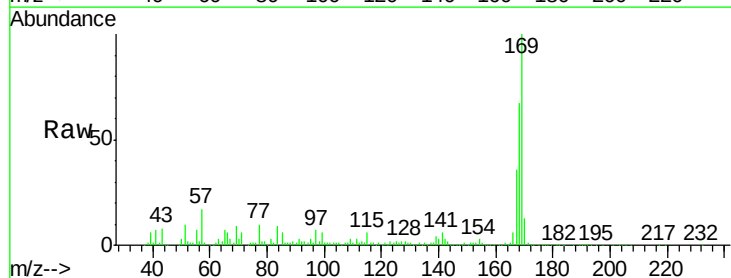
Tgt Ion:169 Resp: 224437

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

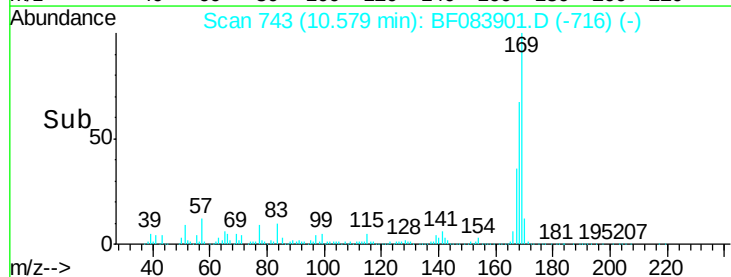
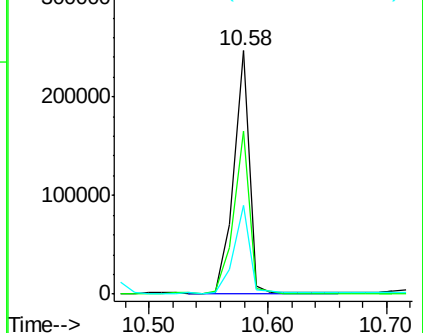
167 36.2 30.0 45.0

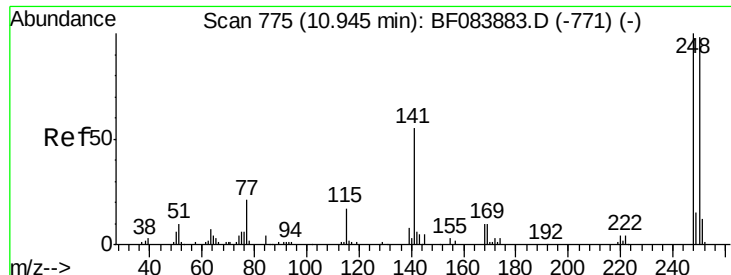


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

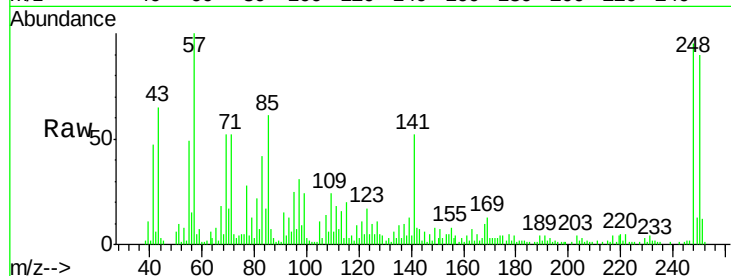




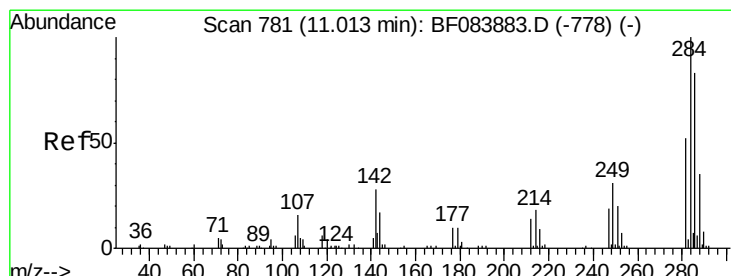
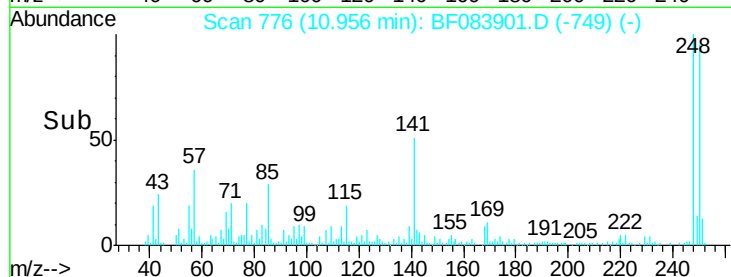
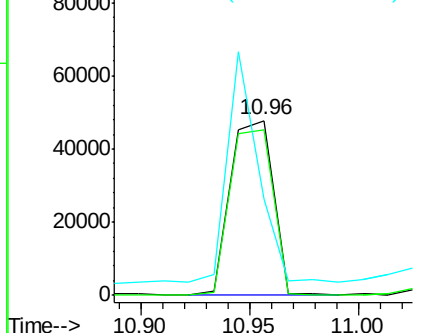
#66
4-Bromophenyl-phenylether
Concen: 21.17 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 65222
Ion Ratio Lower Upper
248 100
250 94.8 78.4 117.6
141 55.3 44.0 66.0

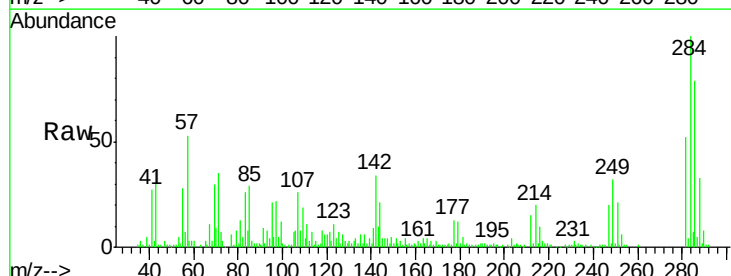


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

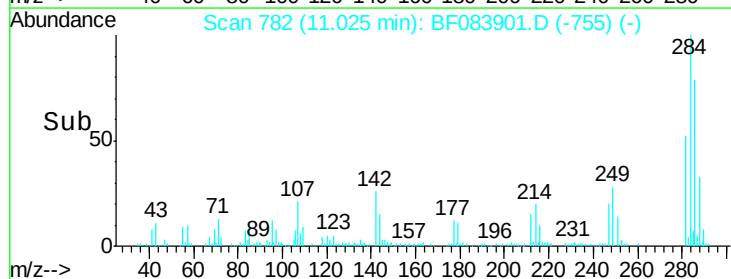
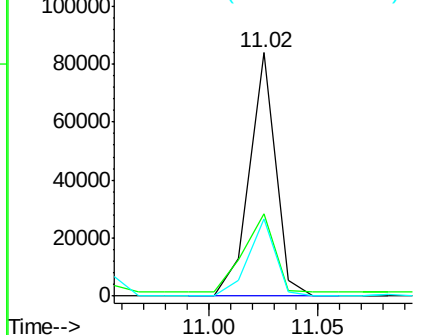


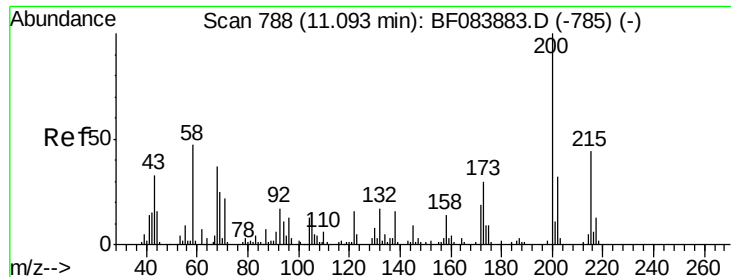
#67
Hexachlorobenzene
Concen: 21.66 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:284 Resp: 70255
Ion Ratio Lower Upper
284 100
142 34.0 22.2 33.4#
249 31.7 24.6 37.0



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

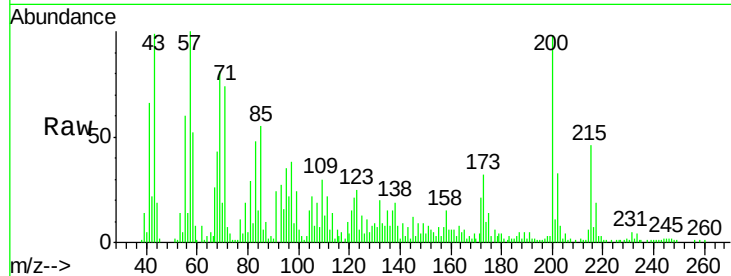




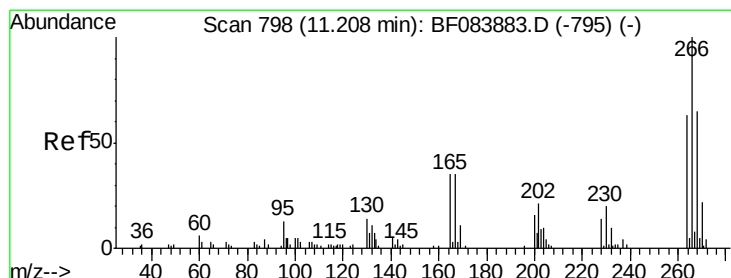
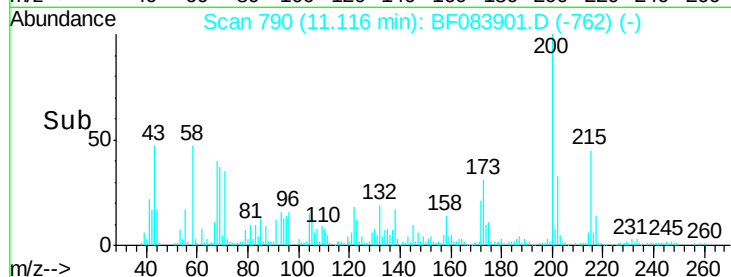
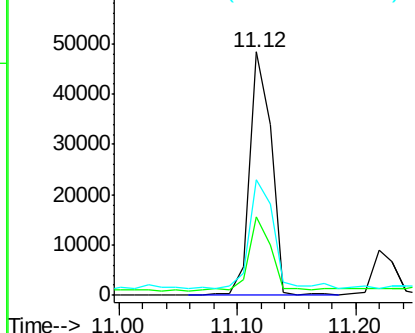
#68
Atrazine
Concen: 21.30 ng
RT: 11.12 min Scan# 790
Delta R.T. 0.02 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 61869
Ion Ratio Lower Upper
200 100
173 32.3 9.5 49.5
215 47.3 23.8 63.8

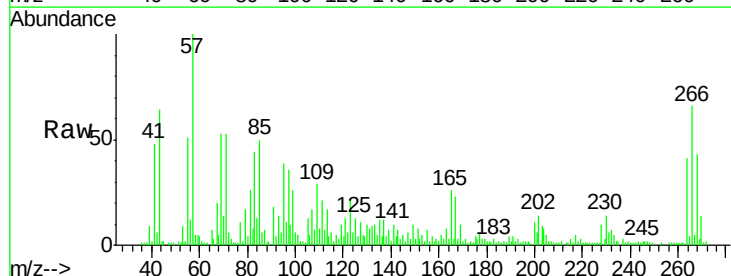


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

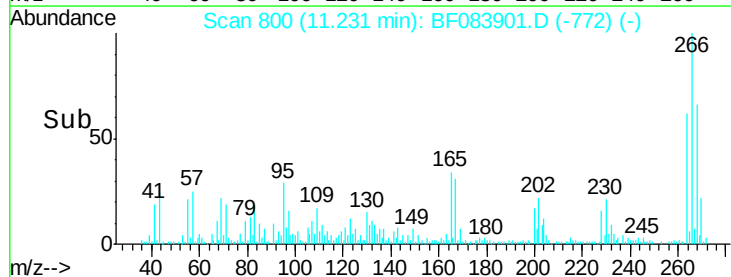
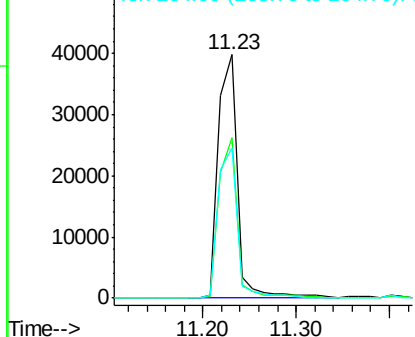


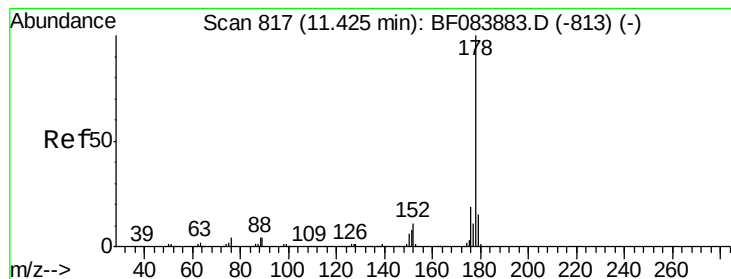
#69
Pentachlorophenol
Concen: 43.45 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.02 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:266 Resp: 56661
Ion Ratio Lower Upper
266 100
268 65.7 52.4 78.6
264 61.8 50.2 75.2



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: 22.72 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

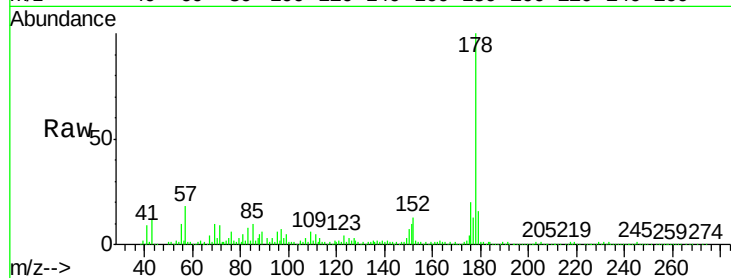
Tot Ion:178 Resp: 345982

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

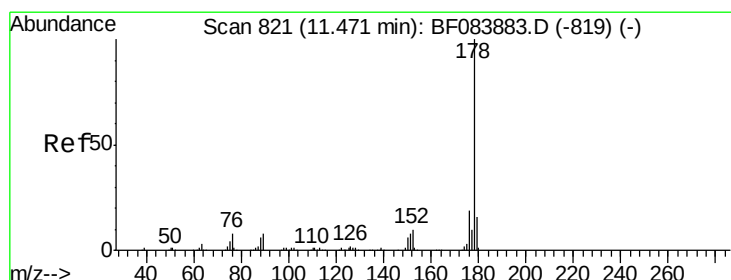
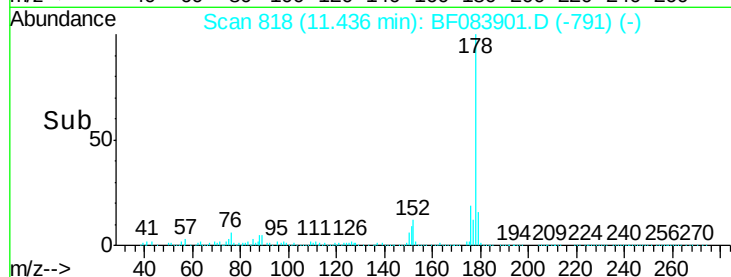
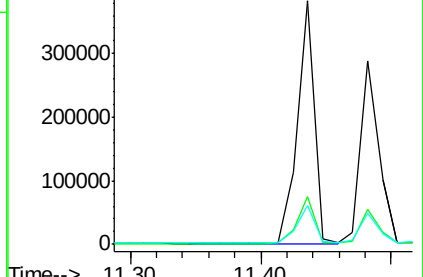
179 16.1 12.0 18.0



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: 18.87 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

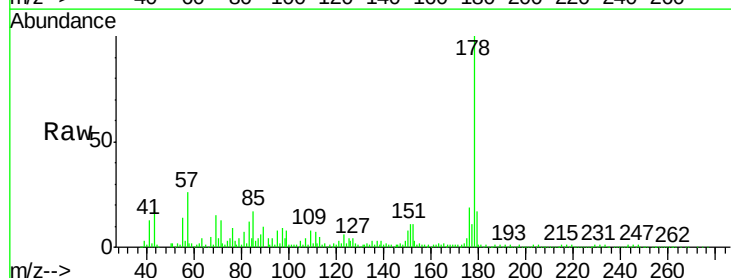
Tgt Ion:178 Resp: 277802

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

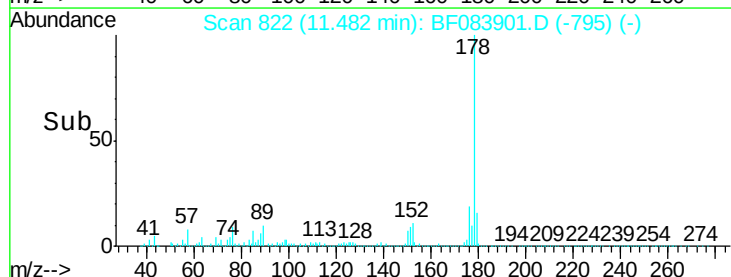
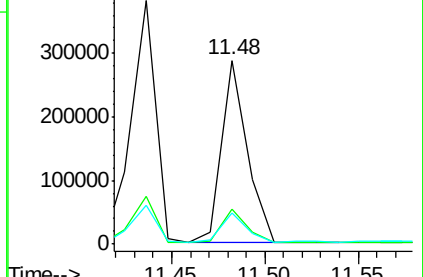
179 16.7 12.5 18.7

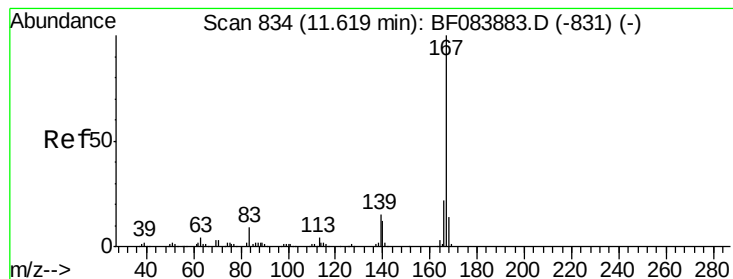


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 17.50 ng

RT: 11.64 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

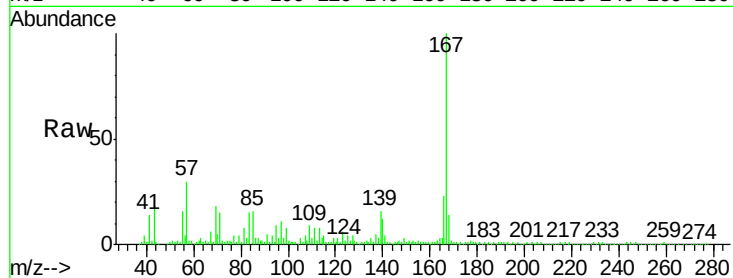
Tot Ion:167 Resp: 254518

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

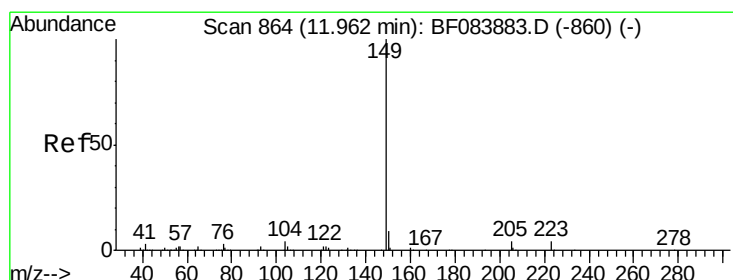
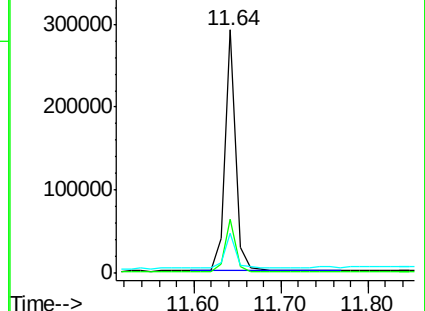
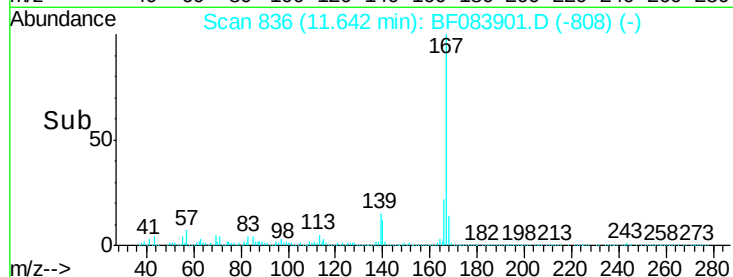
139 16.3 11.8 17.8



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: 18.36 ng

RT: 11.97 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

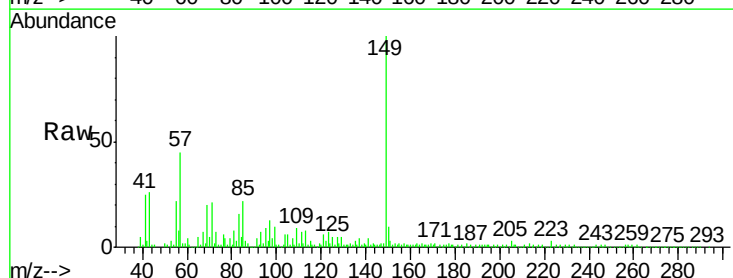
Tgt Ion:149 Resp: 313744

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

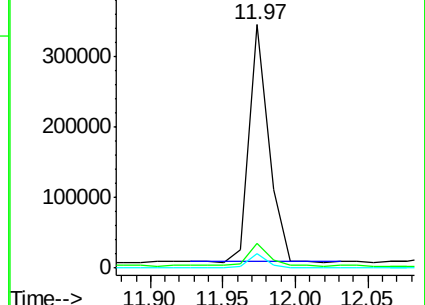
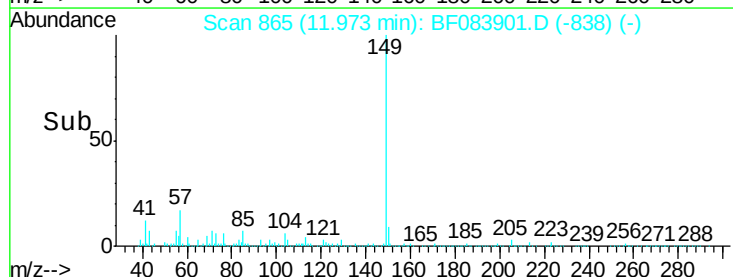
104 5.7 3.2 4.8#

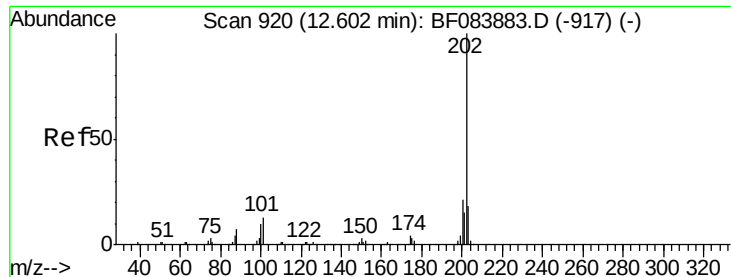


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 18.72 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.02 min

Lab File: BF083901.D

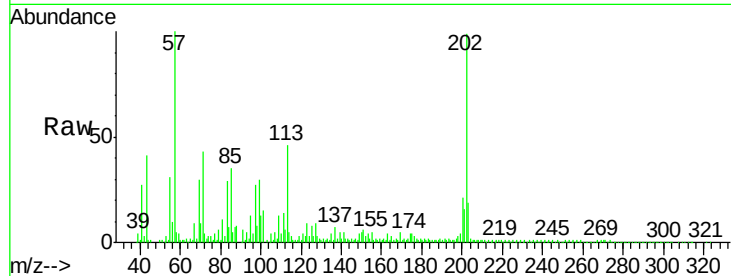
Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

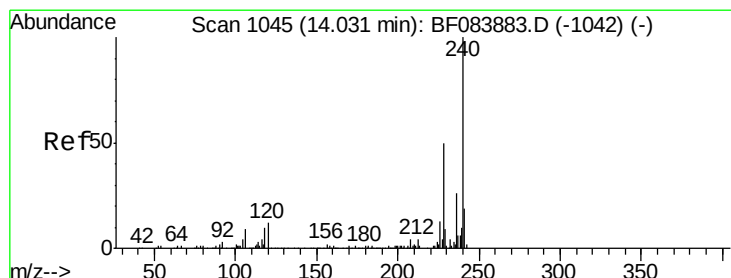
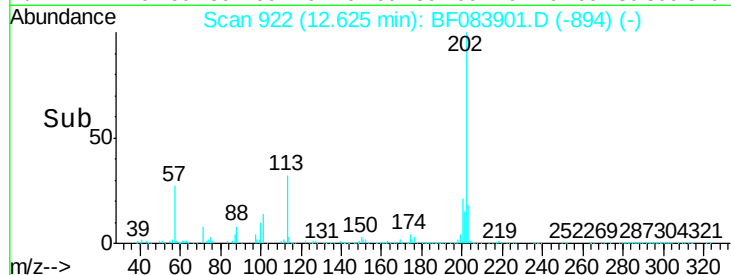
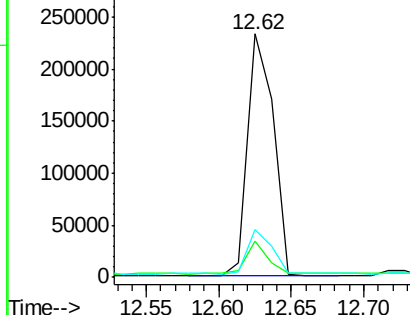
Tot Ion:	202	Resp:	284391
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	32.8
203	19.4	0.0	37.9



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

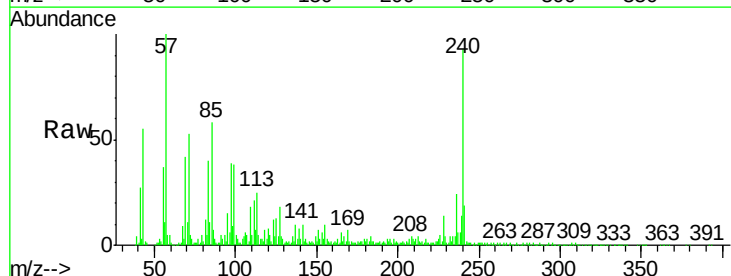
RT: 14.07 min Scan# 1048

Delta R.T. 0.03 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

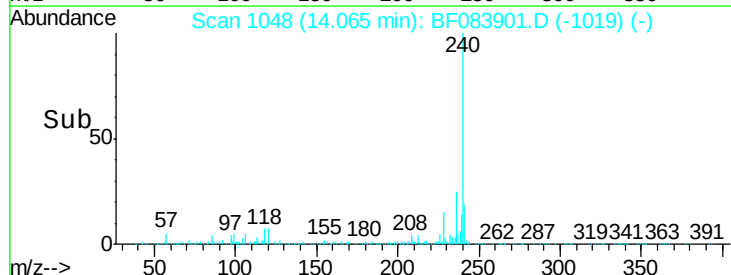
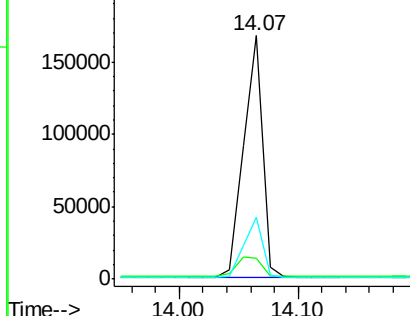
Tgt Ion:	240	Resp:	188082
Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.6	20.6	31.0

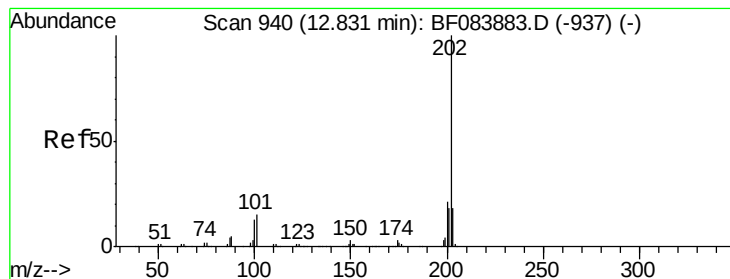


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 27.55 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.04 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

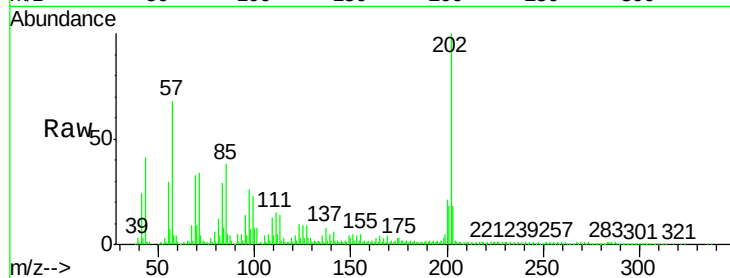
Tot Ion:202 Resp: 320234

Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

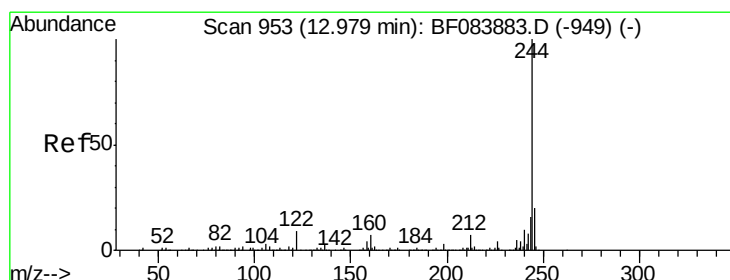
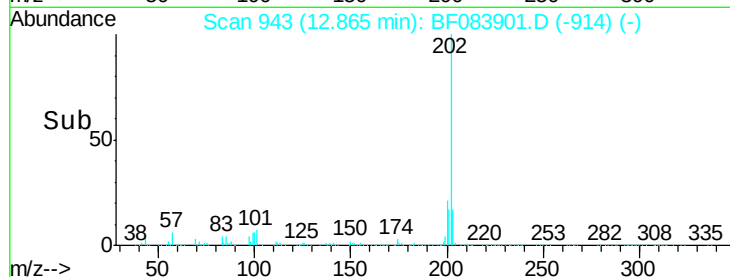
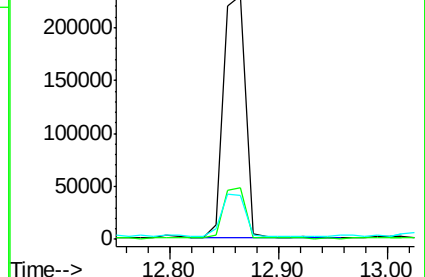
203 18.0 14.3 21.5



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: 43.63 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.02 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

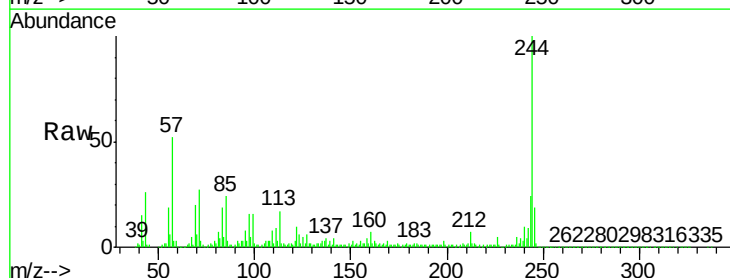
Tgt Ion:244 Resp: 375536

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

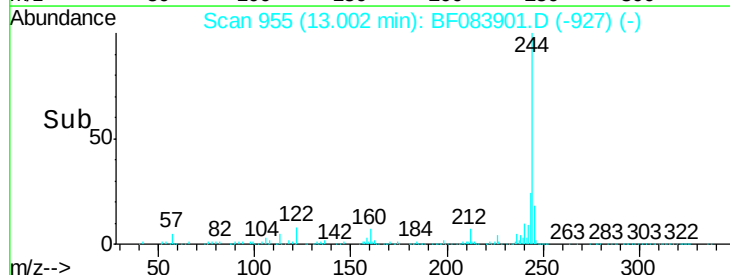
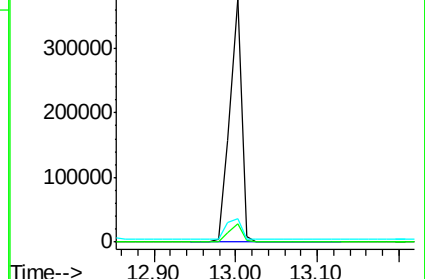
122 9.5 7.4 11.0

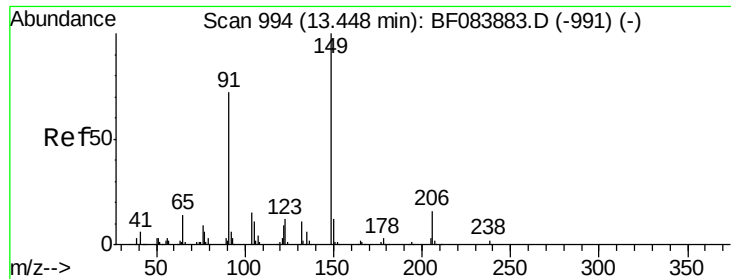


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

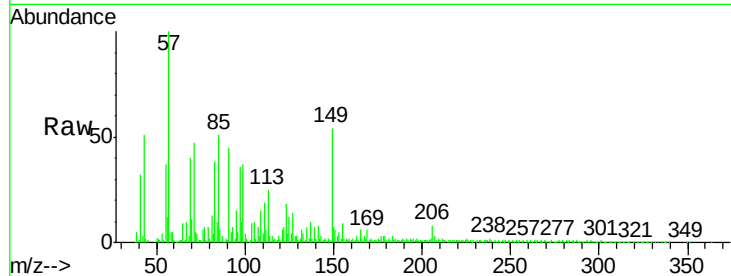




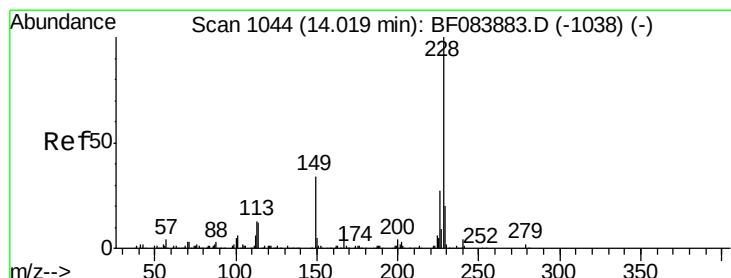
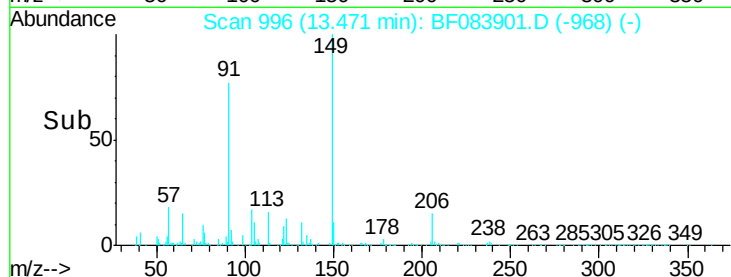
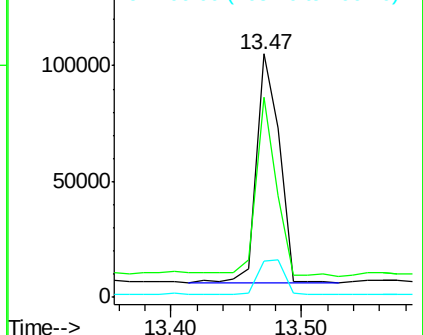
#79
Butylbenzylphthalate
Concen: 19.22 ng
RT: 13.47 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.4	57.6	86.4
206	14.9	13.2	19.8

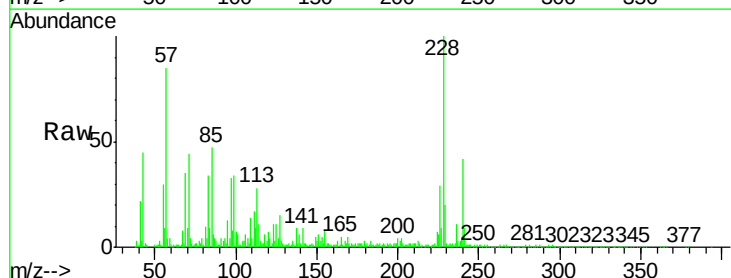


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

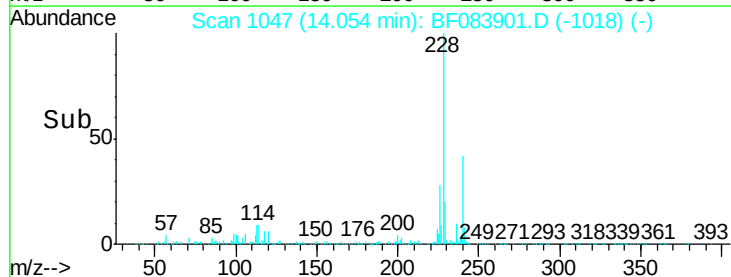
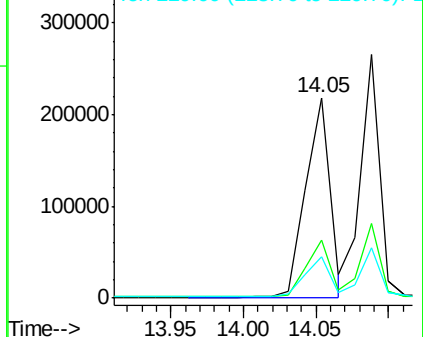


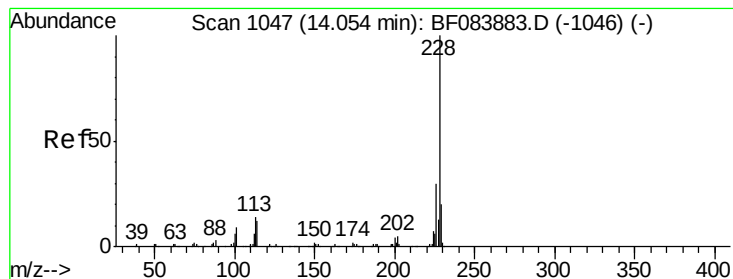
#80
Benzo(a)anthracene
Concen: 21.86 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.03 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.4	15.8	23.8



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





#82

Chrysene

Concen: 21.37 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.03 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

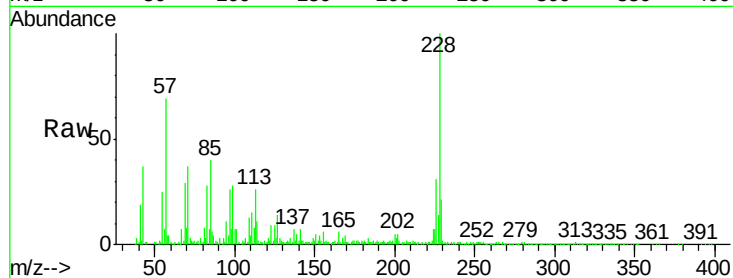
Tot Ion:228 Resp: 238665

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

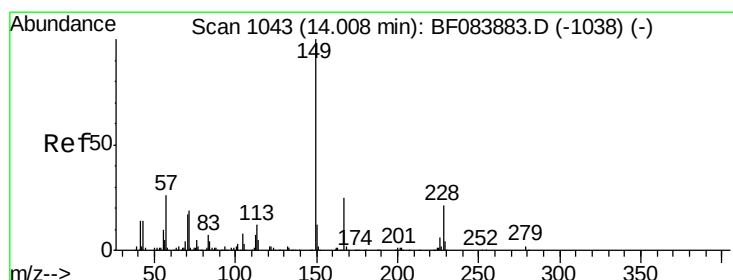
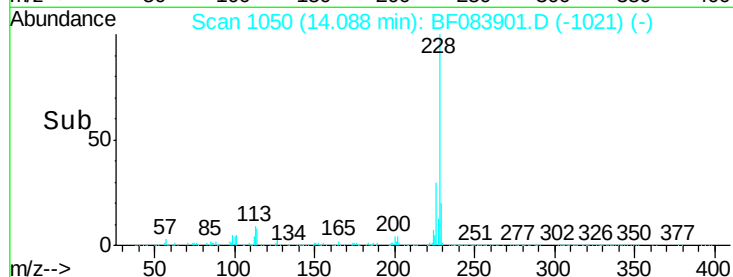
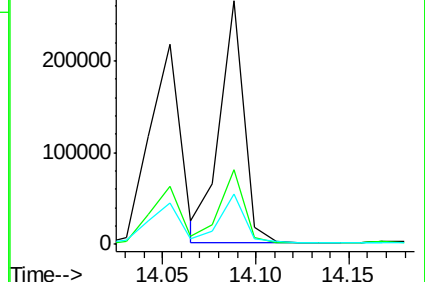
229 20.9 16.1 24.1



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: 21.21 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.03 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

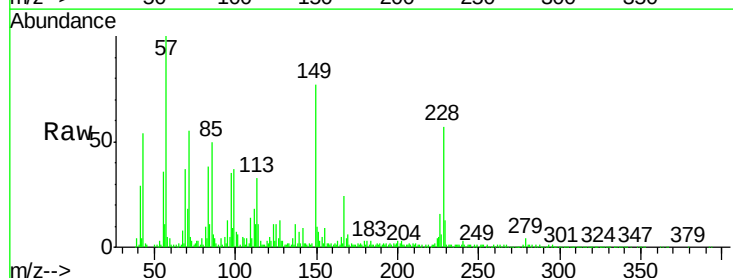
Tgt Ion:149 Resp: 177316

Ion Ratio Lower Upper

149 100

167 31.2 19.7 29.5#

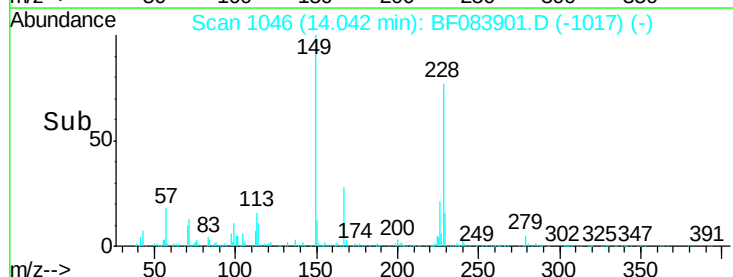
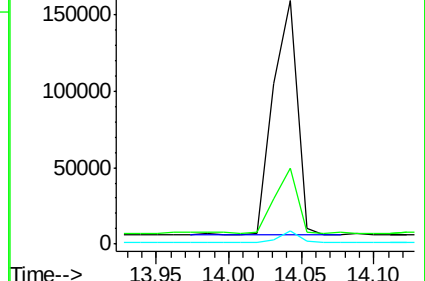
279 5.4 1.8 2.6#

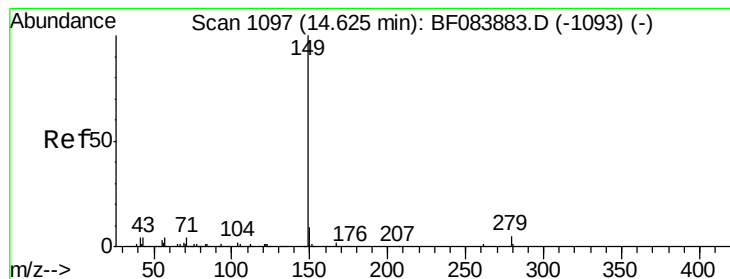


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 22.14 ng

RT: 14.65 min Scan# 1099

Delta R.T. 0.02 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

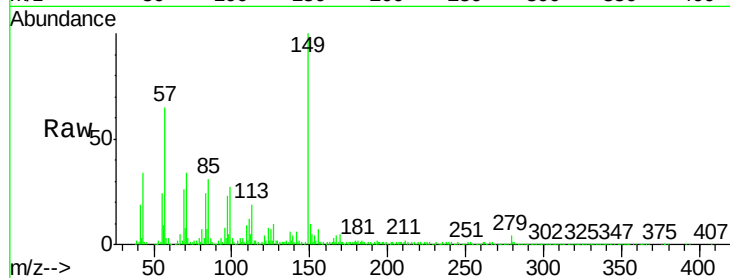
Tot Ion:149 Resp: 289597

Ion Ratio Lower Upper

149 100

167 2.5 1.2 1.8#

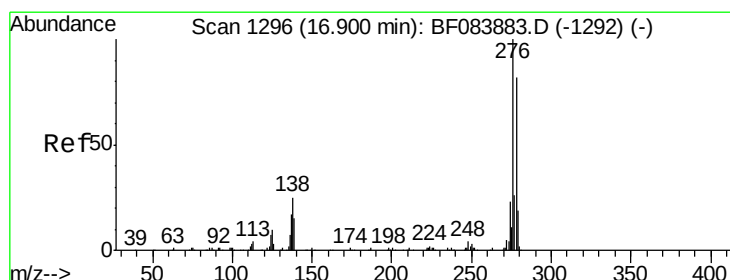
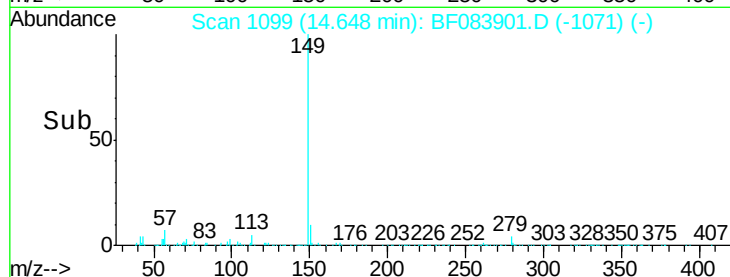
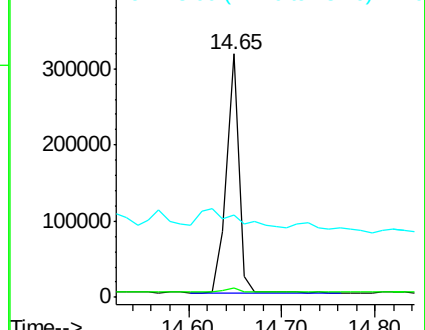
43 0.0 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 23.65 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.07 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

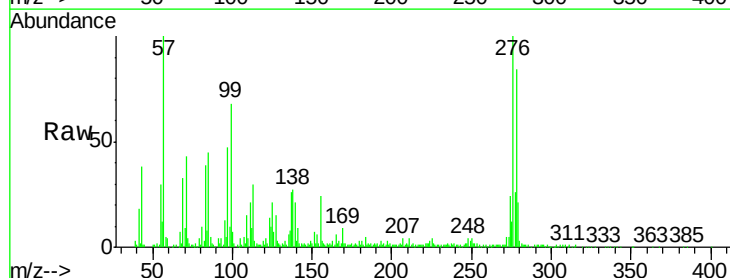
Tgt Ion:276 Resp: 197588

Ion Ratio Lower Upper

276 100

138 26.1 20.6 30.8

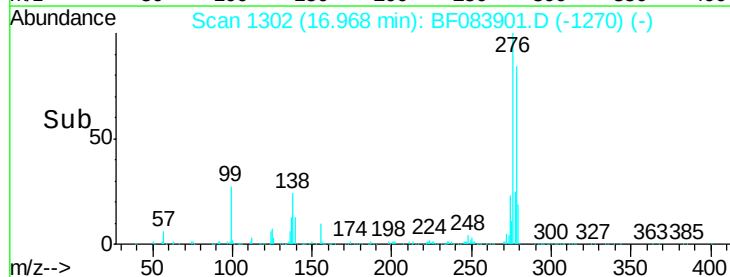
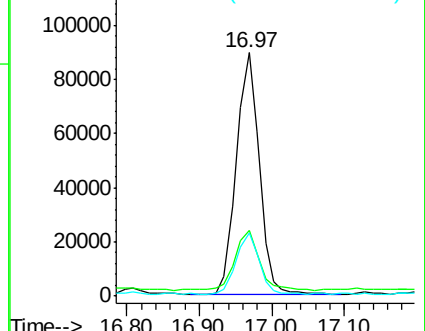
277 25.2 20.1 30.1

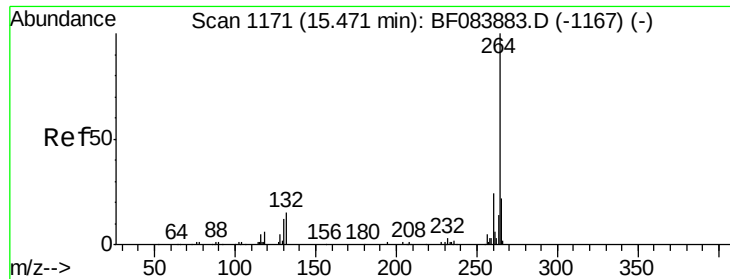


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

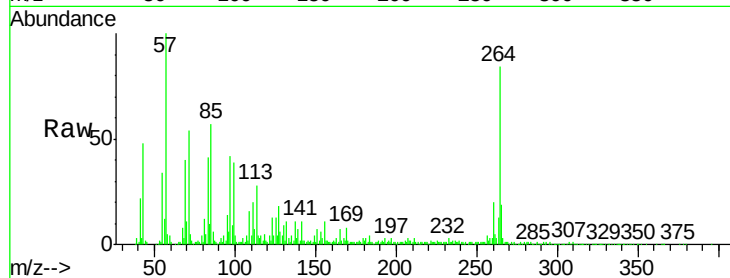




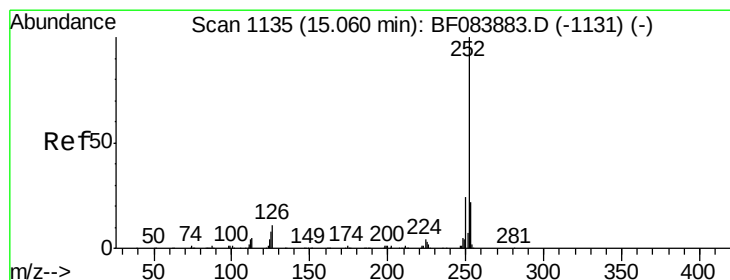
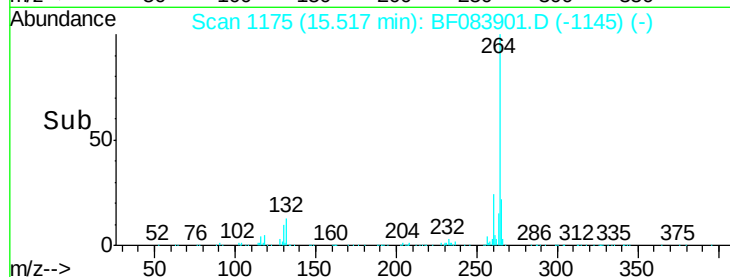
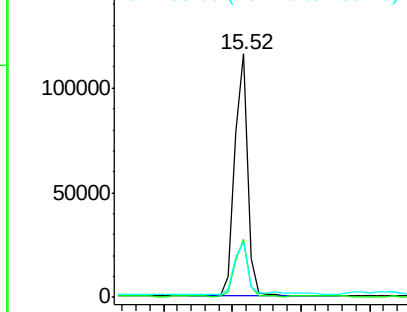
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.05 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.6	17.8	26.6

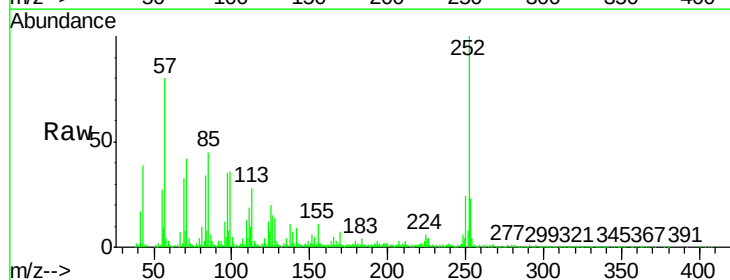


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

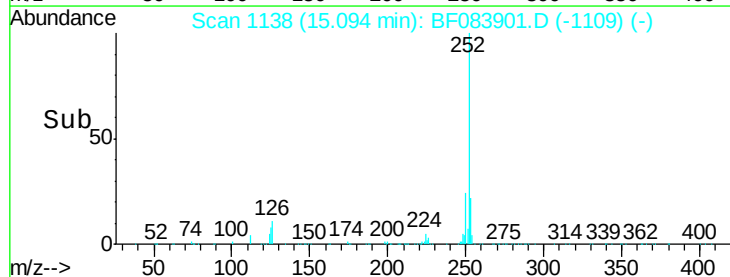
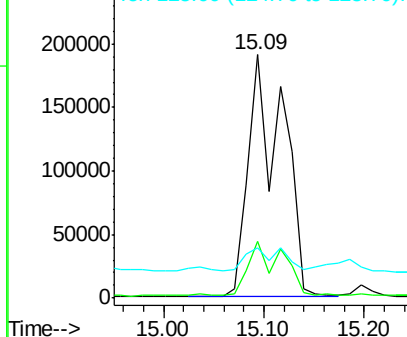


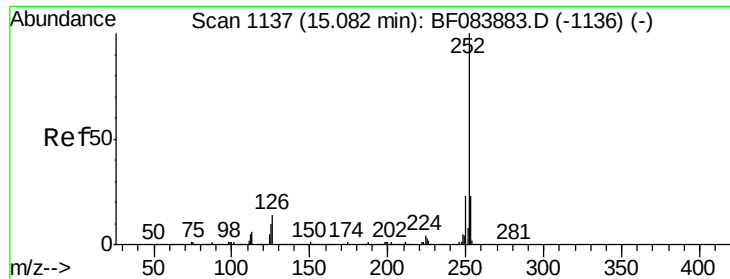
#87
Benzo(b)fluoranthene
Concen: 39.71 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.03 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	20.5	6.5	9.7#



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

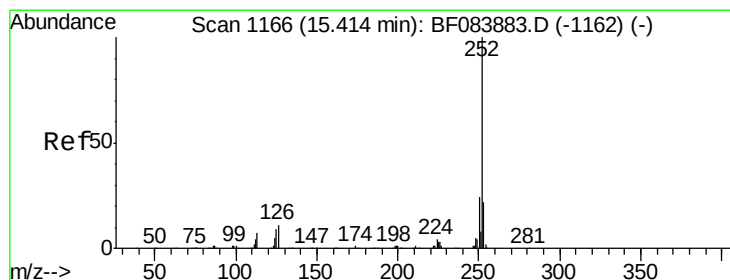
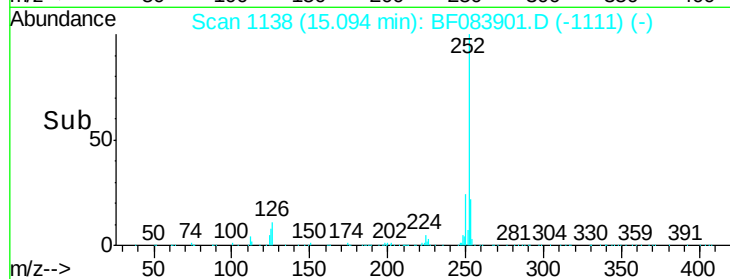
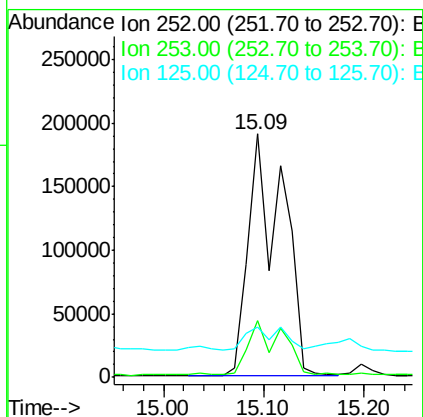
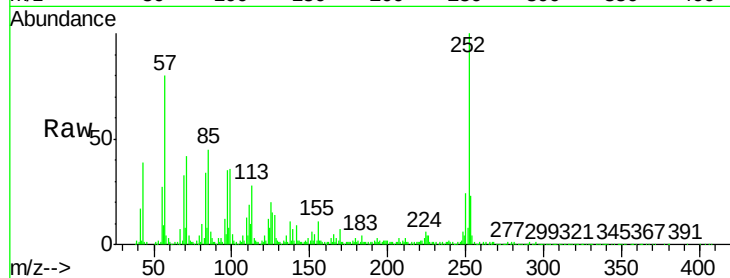




#88
Benzo(k)fluoranthene
Concen: 48.14 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

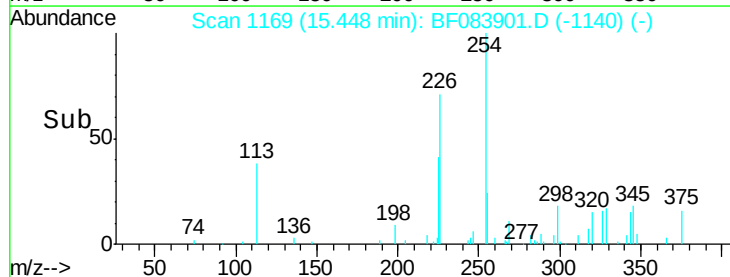
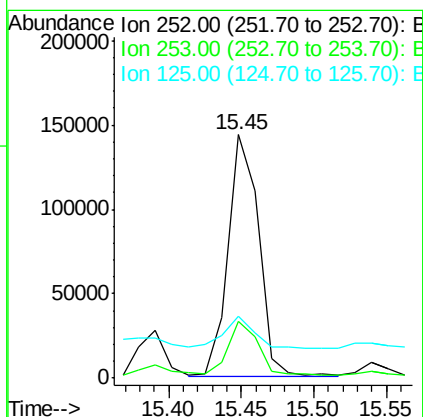
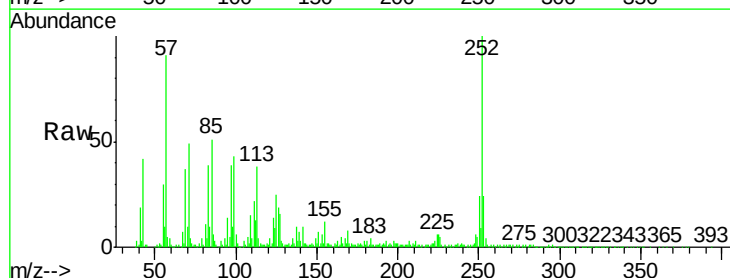
Instrument :
BNA_F
ClientSampleId :

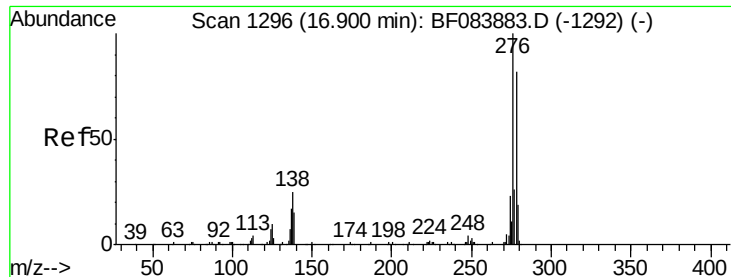
Tot Ion:252 Resp: 452933
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 20.5 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 22.18 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.03 min
Lab File: BF083901.D
Acq: 18 Dec 2015 7:08

Tgt Ion:252 Resp: 208900
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 25.4 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 21.38 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.07 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

Instrument :

BNA_F

ClientSampleId :

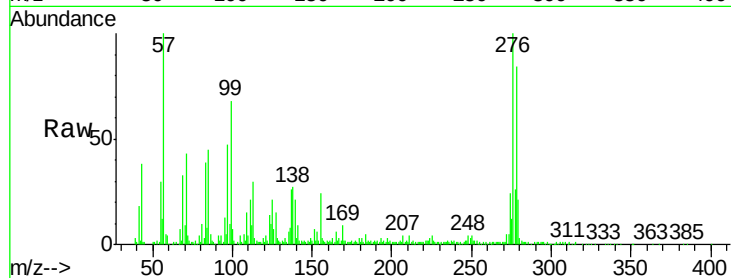
Tot Ion:278 Resp: 156651

Ion Ratio Lower Upper

278 100

139 24.6 15.0 22.4#

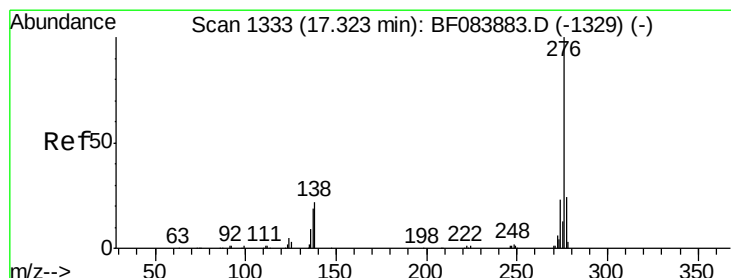
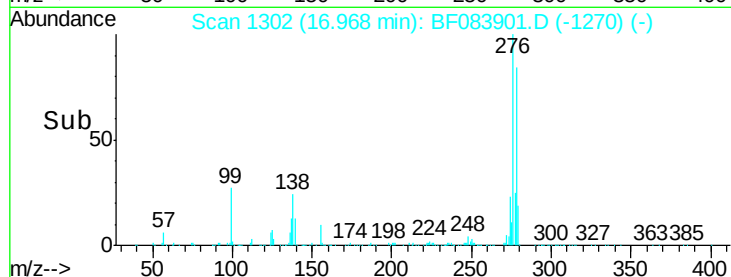
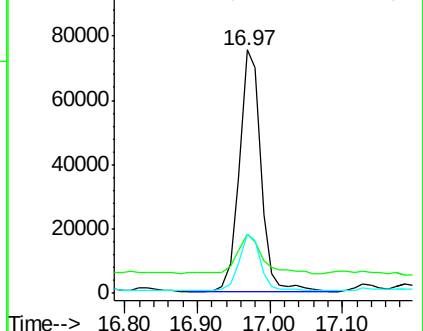
279 24.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 24.39 ng

RT: 17.40 min Scan# 1340

Delta R.T. 0.08 min

Lab File: BF083901.D

Acq: 18 Dec 2015 7:08

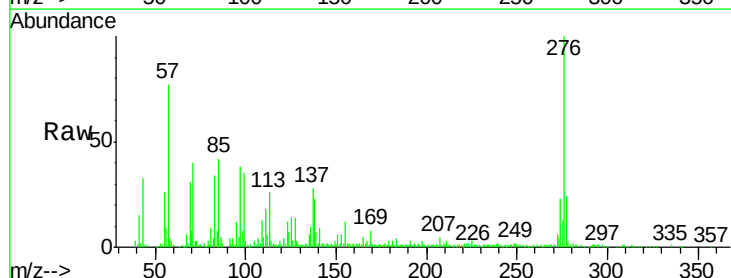
Tgt Ion:276 Resp: 175139

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 23.2 17.8 26.6



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

