

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083704.D
 Acq On : 11 Dec 2015 18:06
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 18:30:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 18:27:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	139126	20.00	ng	0.01
21) Naphthalene-d8	8.21	136	534450	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	243124	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	476336	20.00	ng	0.00
75) Chrysene-d12	14.08	240	300717	20.00	ng	0.00
86) Perylene-d12	15.52	264	282319	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1173696	62.99	ng	0.00
7) Phenol-d6	6.56	99	1591696	70.07	ng	0.01
23) Nitrobenzene-d5	7.49	82	1307010	83.43	ng	0.01
41) 2,4,6-Tribromophenol	10.75	330	368960	78.13	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	2302928	68.30	ng	0.01
78) Terphenyl-d14	13.02	244	2034427	75.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	329593	73.77	ng	# 86
3) Pyridine	3.31	79	881124	76.25	ng	89
4) n-Nitrosodimethylamine	3.26	42	359626	76.59	ng	# 78
6) Aniline	6.59	93	1099595	70.81	ng	# 87
8) 2-Chlorophenol	6.72	128	699681	69.55	ng	88
9) Benzaldehyde	6.48	77	344049	53.32	ng	86
10) Phenol	6.57	94	837455	62.61	ng	88
11) bis(2-Chloroethyl)ether	6.67	93	712257	74.55	ng	87
12) 1,3-Dichlorobenzene	6.88	146	798138	72.23	ng	95
13) 1,4-Dichlorobenzene	6.94	146	733349	64.83	ng	98
14) 1,2-Dichlorobenzene	7.10	146	706012	68.30	ng	99
15) Benzyl Alcohol	7.07	79	555053	69.49	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	912274	68.17	ng	67
17) 2-Methylphenol	7.18	107	598743	74.37	ng	# 84
18) Hexachloroethane	7.45	117	266136	70.19	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	467020	70.63	ng	89
20) 3+4-Methylphenols	7.33	107	657642	65.28	ng	# 70
22) Acetophenone	7.34	105	894594	68.58	ng	# 99
24) Nitrobenzene	7.52	77	793183	91.87	ng	# 86
25) Isophorone	7.76	82	1348267	76.00	ng	95
26) 2-Nitrophenol	7.82	139	321149	99.53	ng	91
27) 2,4-Dimethylphenol	7.87	122	699126	79.02	ng	95
28) bis(2-Chloroethoxy)methane	7.96	93	677839	65.56	ng	# 97
29) 2,4-Dichlorophenol	8.06	162	561237	76.35	ng	95
30) 1,2,4-Trichlorobenzene	8.16	180	576586	69.94	ng	98
31) Naphthalene	8.24	128	1729860	63.55	ng	96
32) Benzoic acid	8.01	122	497942	126.00	ng	90
33) 4-Chloroaniline	8.28	127	815653	73.43	ng	# 90
34) Hexachlorobutadiene	8.36	225	326957	71.58	ng	97
35) Caprolactam	8.67	113	209094	90.78	ng	# 60
36) 4-Chloro-3-methylphenol	8.76	107	607858	75.42	ng	91
37) 2-Methylnaphthalene	8.92	142	1198440	70.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	490651	62.69	ng	# 100
40) Hexachlorocyclopentadiene	9.09	237	307564	86.74	ng	97

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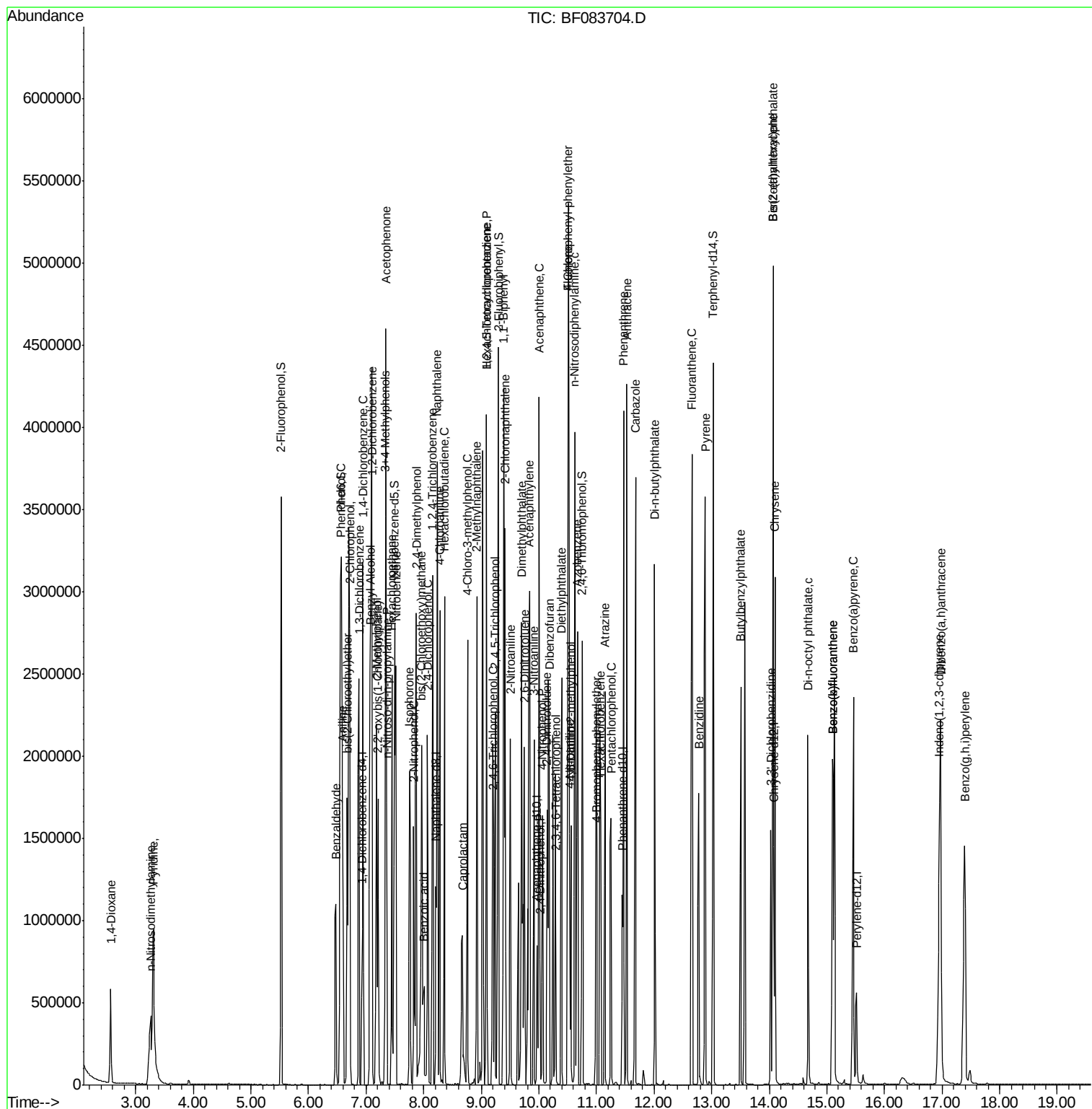
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	404634	77.50	nq	95
43) 2,4,5-Trichlorophenol	9.24	196	412531	82.65	nq	96
45) 1,1'-Biphenyl	9.39	154	1318542	59.96	nq	97
46) 2-Chloronaphthalene	9.41	162	1074413	65.48	nq	# 93
47) 2-Nitroaniline	9.50	65	374004	109.42	nq	# 77
48) Acenaphthylene	9.84	152	1938740	72.65	nq	98
49) Dimethylphthalate	9.70	163	1434334	76.15	nq	99
50) 2,6-Dinitrotoluene	9.74	165	283580	86.99	nq	97
51) Acenaphthene	10.01	154	1184781	75.35	nq	98
52) 3-Nitroaniline	9.92	138	339426	93.35	nq	81
53) 2,4-Dinitrophenol	10.02	184	133642	169.01	nq	# 72
54) Dibenzofuran	10.18	168	1513768	71.84	nq	100
55) 4-Nitrophenol	10.06	139	273076	86.09	nq	90
56) 2,4-Dinitrotoluene	10.14	165	409753	102.17	nq	# 89
57) Fluorene	10.51	166	1067920	62.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	289933	77.75	nq	# 100
59) Diethylphthalate	10.40	149	1336601	75.65	nq	96
60) 4-Chlorophenyl-phenylether	10.51	204	576621	72.33	nq	93
61) 4-Nitroaniline	10.53	138	345188	102.19	nq	97
62) Azobenzene	10.67	77	1342366	80.50	nq	91
64) 4,6-Dinitro-2-methylphenol	10.56	198	177624	118.36	nq	85
65) n-Nitrosodiphenylamine	10.62	169	1000648	61.15	nq	98
66) 4-Bromophenyl-phenylether	11.00	248	376569	73.05	nq	# 84
67) Hexachlorobenzene	11.07	284	418802	74.82	nq	# 73
68) Atrazine	11.15	200	319087	69.42	nq	98
69) Pentachlorophenol	11.25	266	272737	89.64	nq	97
70) Phenanthrene	11.47	178	1570217	58.02	nq	96
71) Anthracene	11.53	178	1873203	68.33	nq	97
72) Carbazole	11.68	167	1759933	70.17	nq	# 95
73) Di-n-butylphthalate	12.01	149	1705673	61.41	nq	98
74) Fluoranthene	12.66	202	1909573	68.77	nq	96
76) Benzidine	12.77	184	802919	67.74	nq	96
77) Pyrene	12.89	202	1911480	80.72	nq	97
79) Butylbenzylphthalate	13.51	149	663902	88.70	nq	87
80) Benzo(a)anthracene	14.07	228	1281907	70.90	nq	98
81) 3,3'-Dichlorobenzidine	14.03	252	462129	82.97	nq	# 96
82) Chrysene	14.10	228	1050720	60.38	nq	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	603205	72.36	nq	99
84) Di-n-octyl phthalate	14.67	149	1070947	94.04	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.96	276	1581656	101.99	nq	# 100
87) Benzo(b)fluoranthene	15.11	252	1360152	77.12	nq	98
88) Benzo(k)fluoranthene	15.11	252	1360152	81.29	nq	# 94
89) Benzo(a)pyrene	15.46	252	1202580	74.65	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	1281389	81.24	nq	96
91) Benzo(g,h,i)perylene	17.39	276	1367410	82.39	nq	97

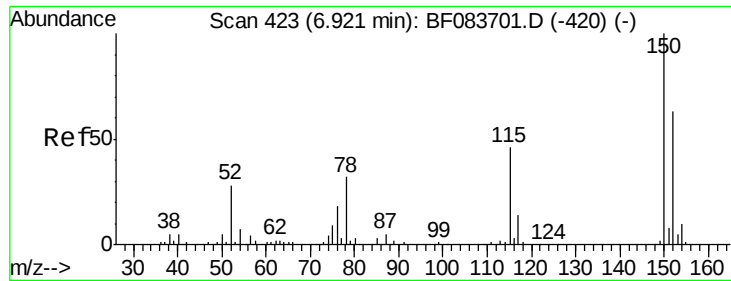
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

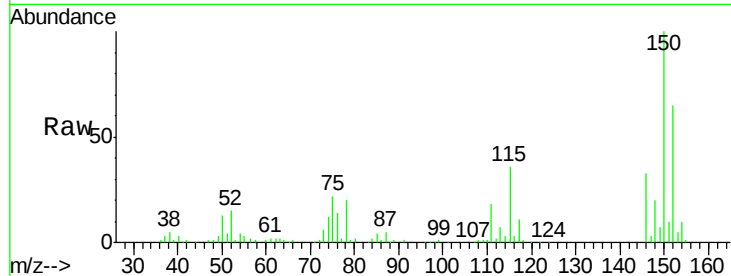
Tot Ion:152 Resp: 139126

Ion Ratio Lower Upper

152 100

150 154.6 126.5 189.7

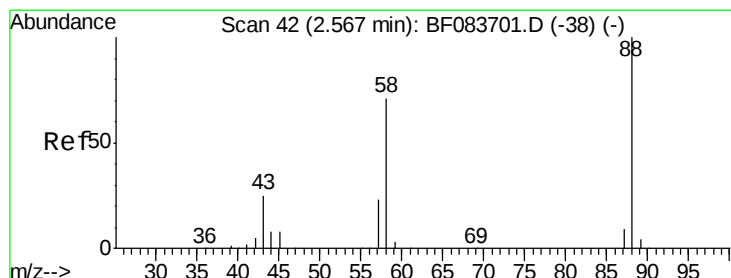
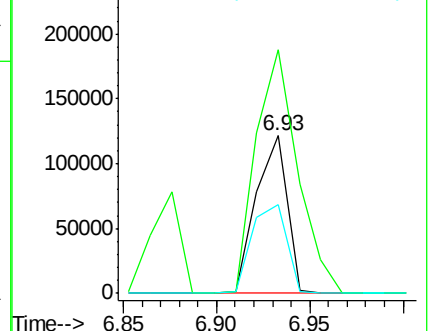
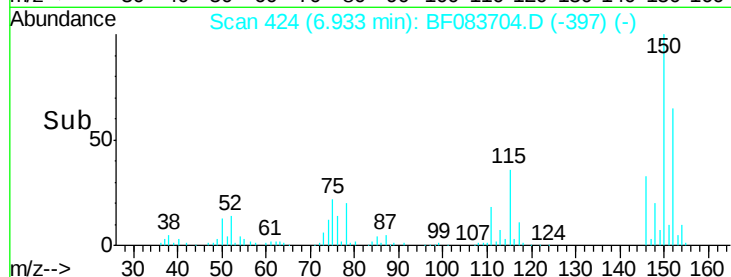
115 56.3 52.3 78.5



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: 73.77 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

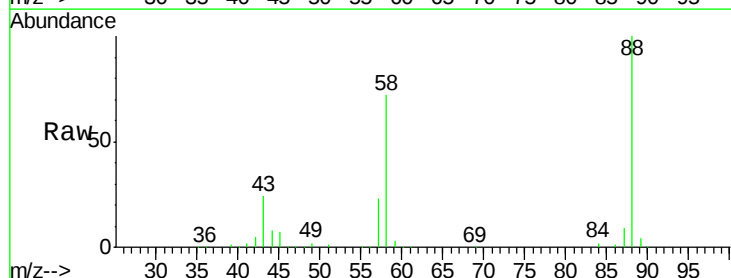
Tgt Ion: 88 Resp: 329593

Ion Ratio Lower Upper

88 100

58 73.5 68.0 102.0

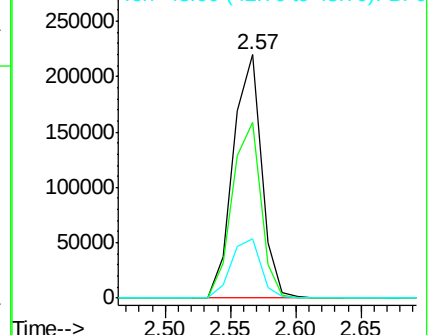
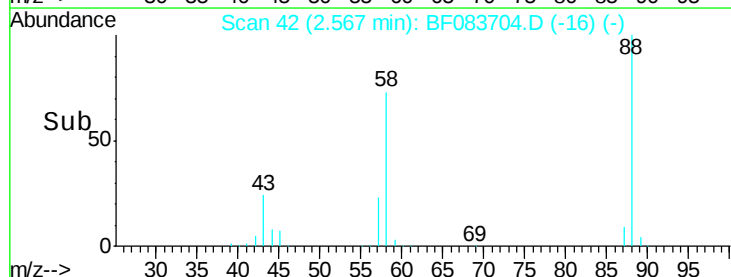
43 25.7 27.9 41.9#

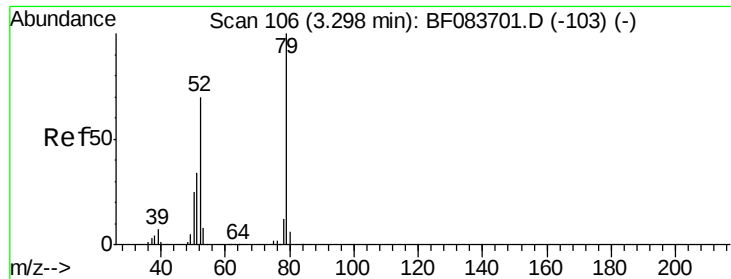


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 76.25 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampled :

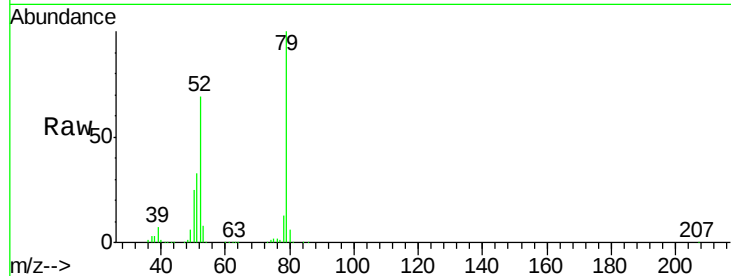
Tot Ion: 79 Resp: 881124

Ion Ratio Lower Upper

79 100

52 69.1 63.7 95.5

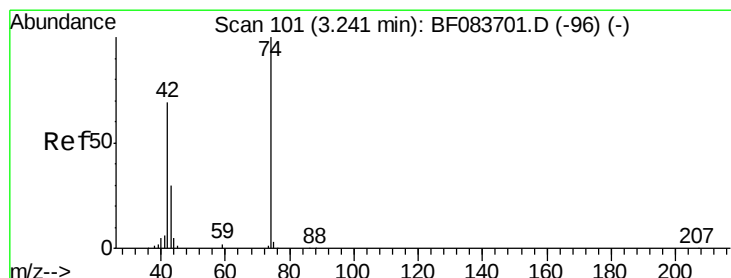
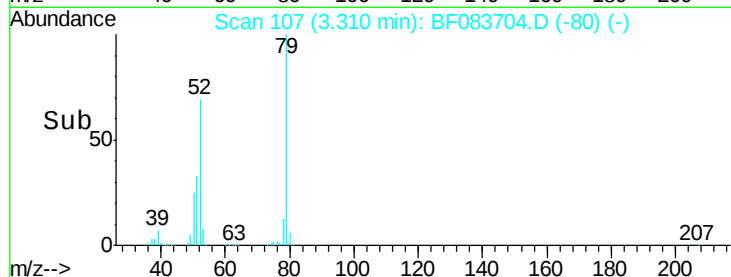
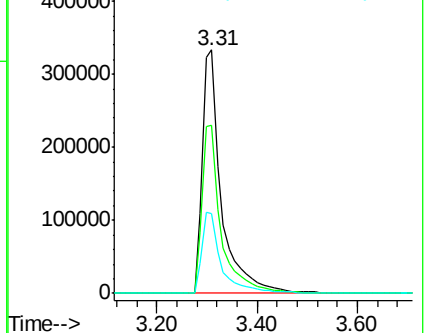
51 32.9 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 76.59 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

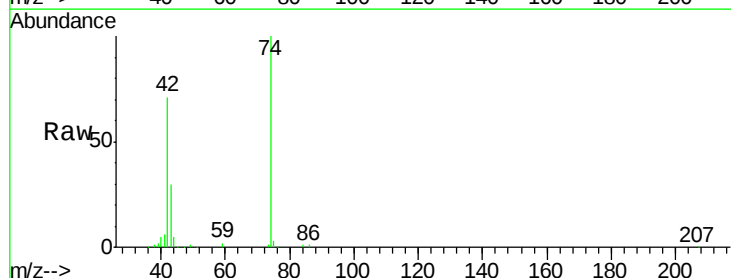
Tgt Ion: 42 Resp: 359626

Ion Ratio Lower Upper

42 100

74 141.7 92.9 139.3#

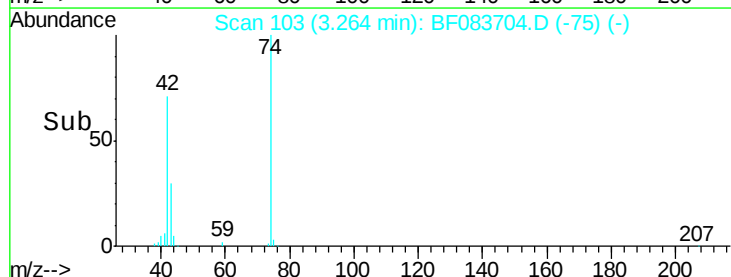
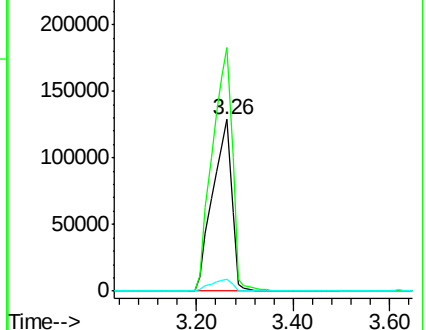
44 6.8 5.7 8.5

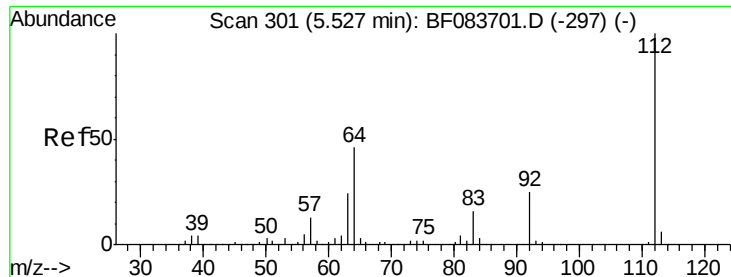


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 62.99 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

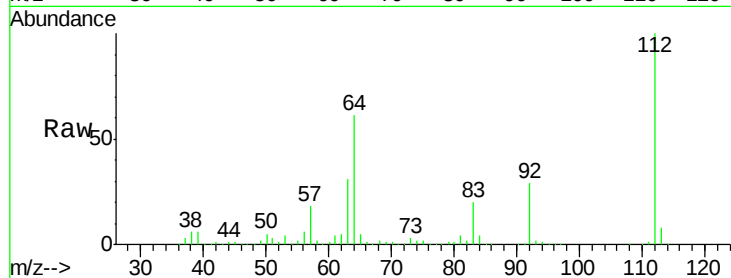
Tot Ion:112 Resp: 1173696

Ion Ratio Lower Upper

112 100

64 60.6 50.5 75.7

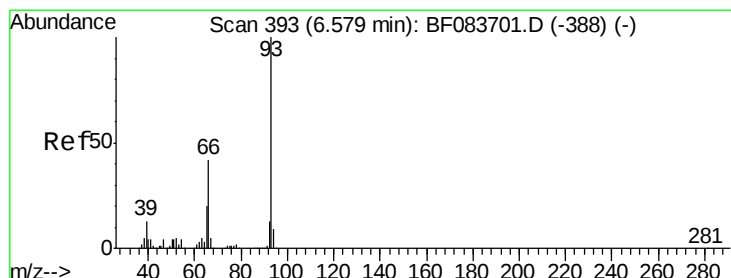
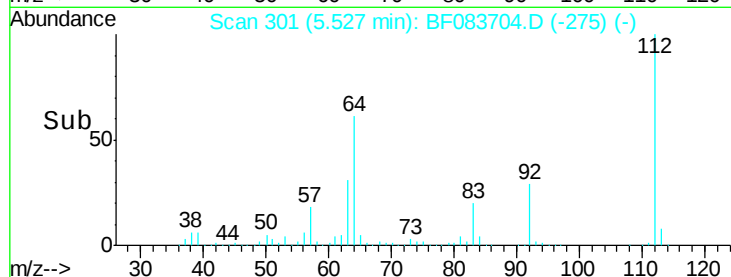
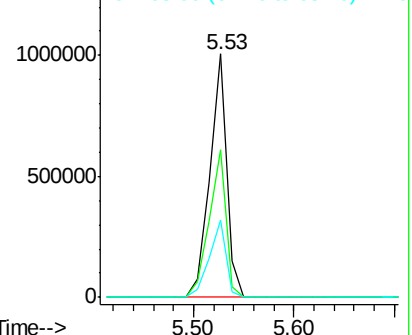
63 31.5 25.8 38.6



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: 70.81 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

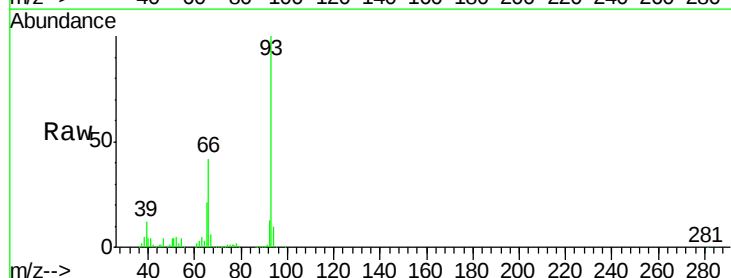
Tgt Ion: 93 Resp: 1099595

Ion Ratio Lower Upper

93 100

66 42.0 41.3 61.9

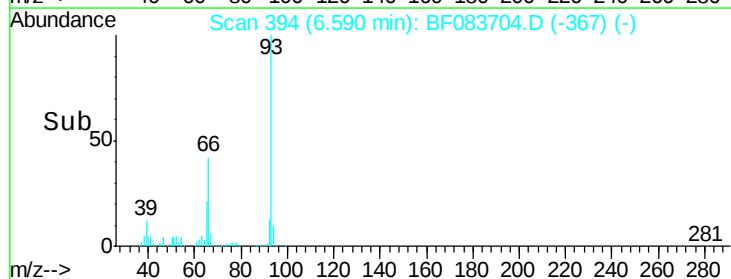
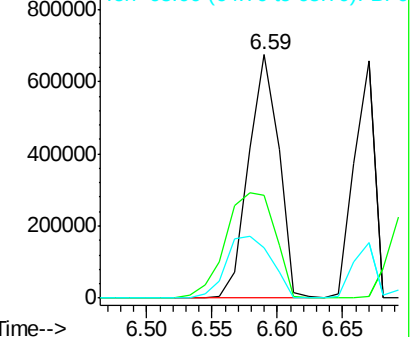
65 20.5 20.8 31.2#

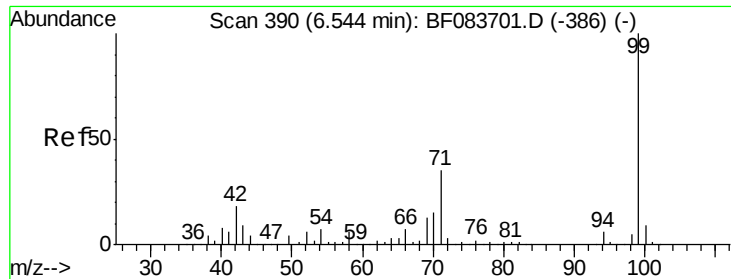


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.07 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

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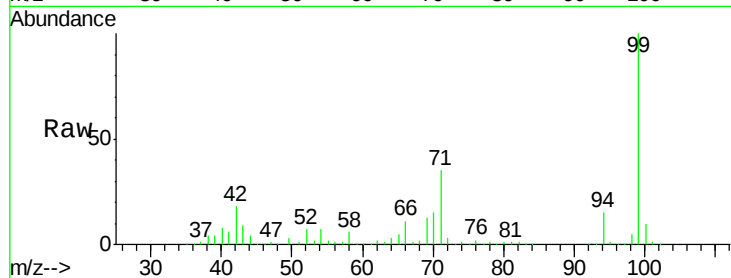
Tot Ion: 99 Resp: 1591696

Ion Ratio Lower Upper

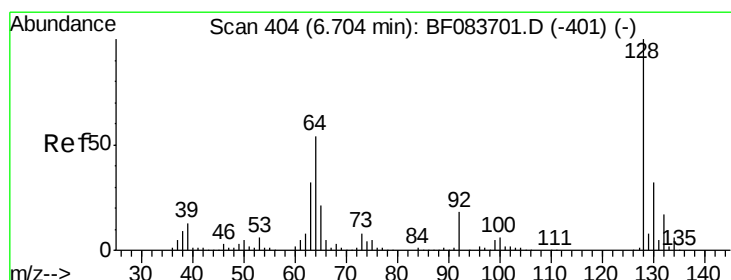
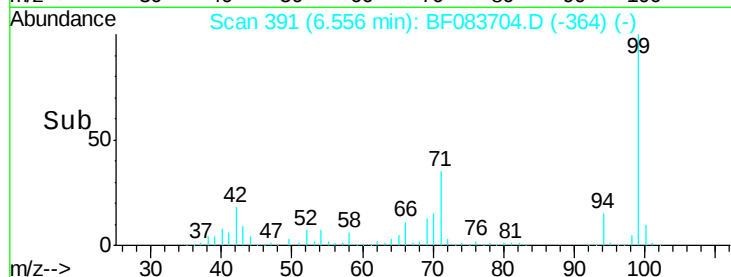
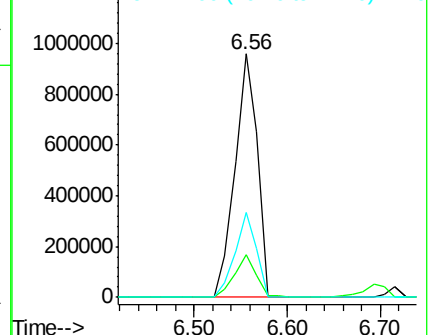
99 100

42 17.5 17.3 25.9

71 35.0 26.6 40.0



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: 69.55 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

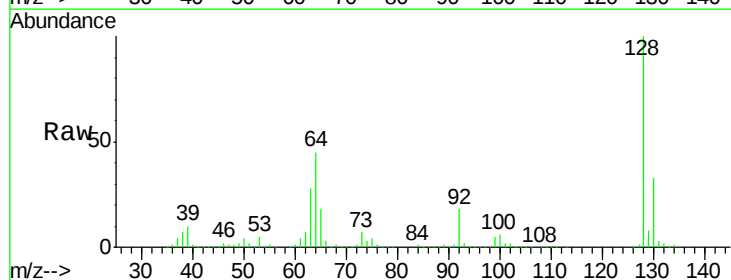
Tgt Ion: 128 Resp: 699681

Ion Ratio Lower Upper

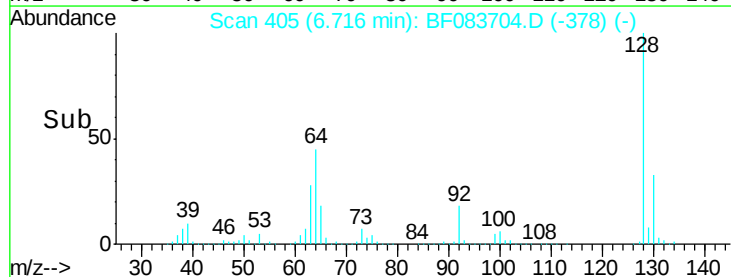
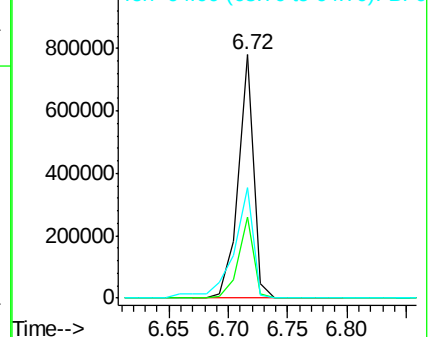
128 100

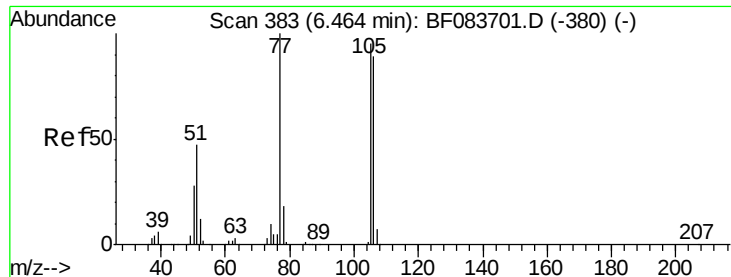
130 33.1 12.6 52.6

64 45.4 38.6 78.6



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: 53.32 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

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ClientSampleId :

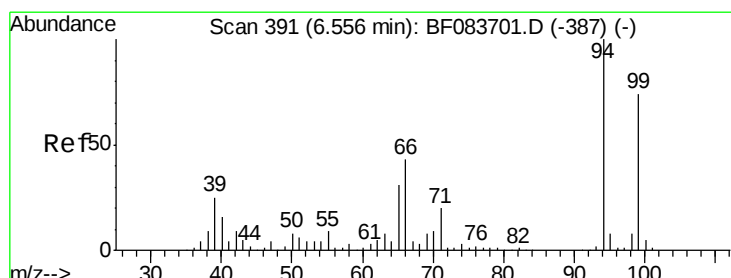
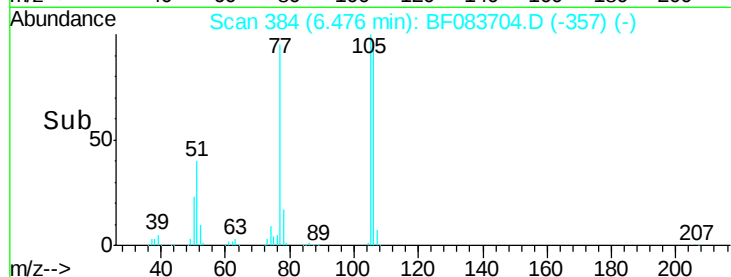
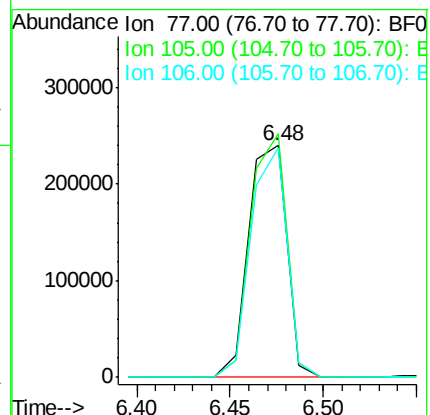
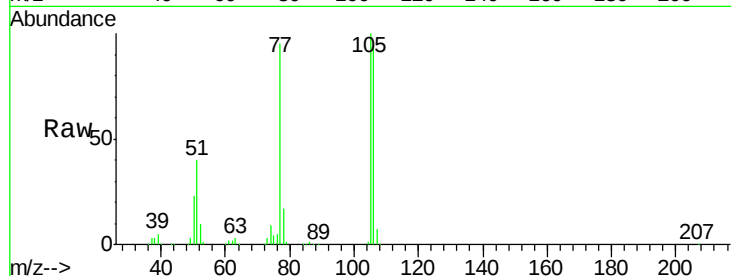
Tot Ion: 77 Resp: 344049

Ion Ratio Lower Upper

77 100

105 105.0 71.8 111.8

106 99.2 66.8 106.8



#10

Phenol

Concen: 62.61 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

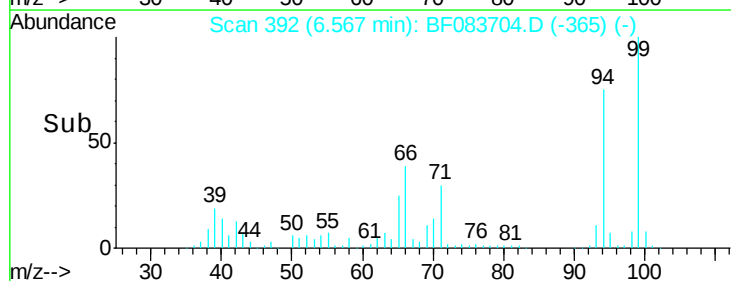
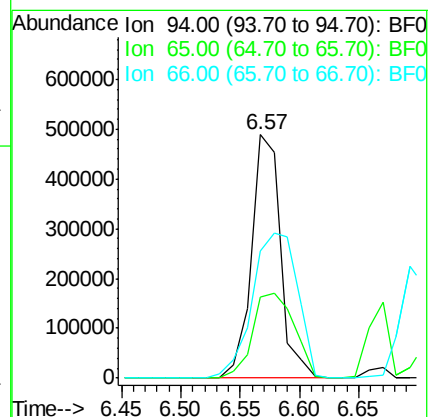
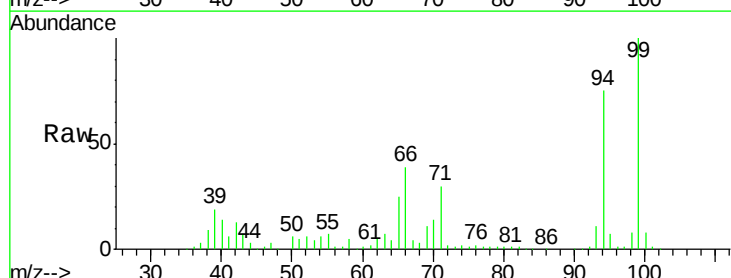
Tgt Ion: 94 Resp: 837455

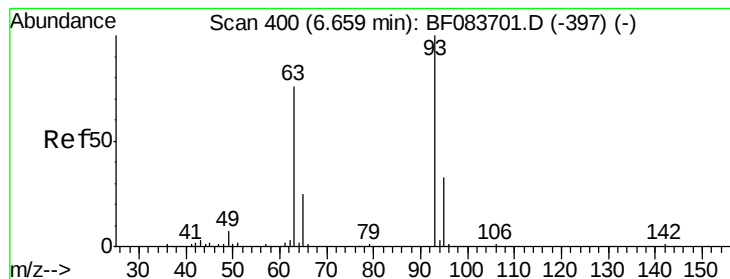
Ion Ratio Lower Upper

94 100

65 33.4 20.9 60.9

66 52.3 41.6 81.6





#11

bis(2-Chloroethyl)ether

Concen: 74.55 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampled :

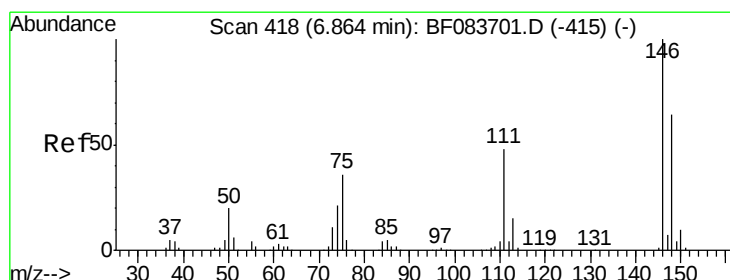
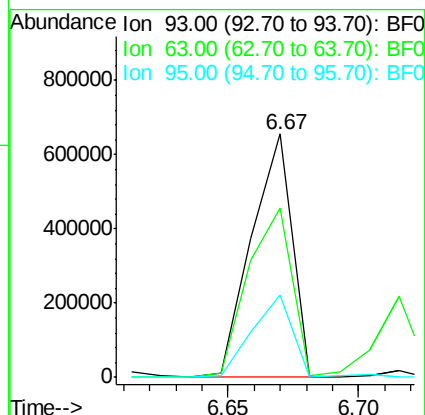
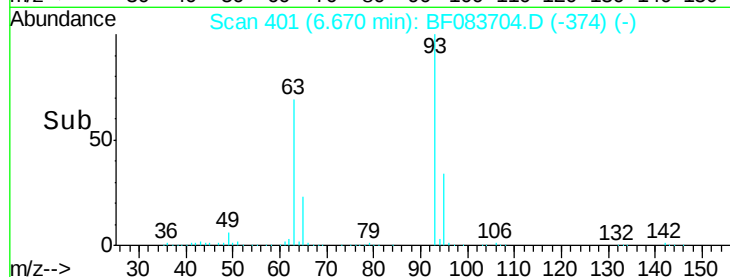
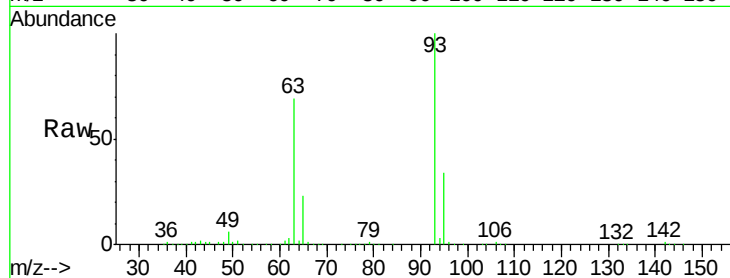
Tot Ion: 93 Resp: 712257

Ion Ratio Lower Upper

93 100

63 69.5 64.7 104.7

95 33.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 72.23 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

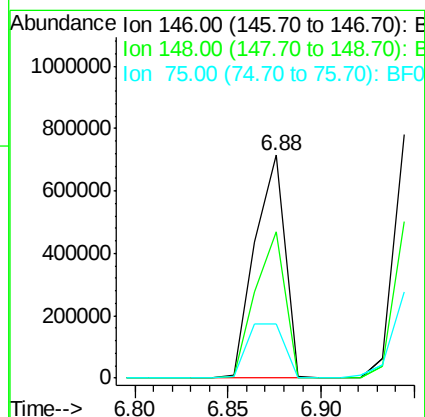
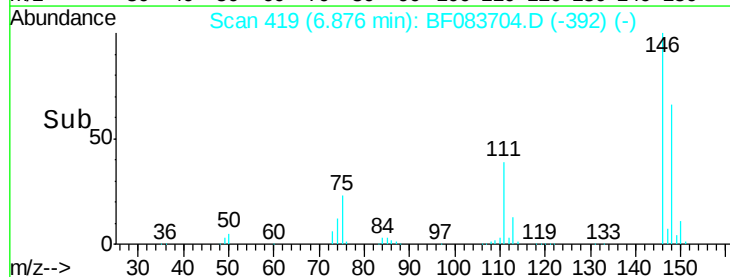
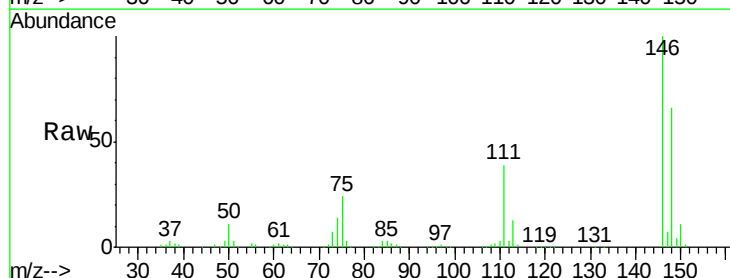
Tgt Ion: 146 Resp: 798138

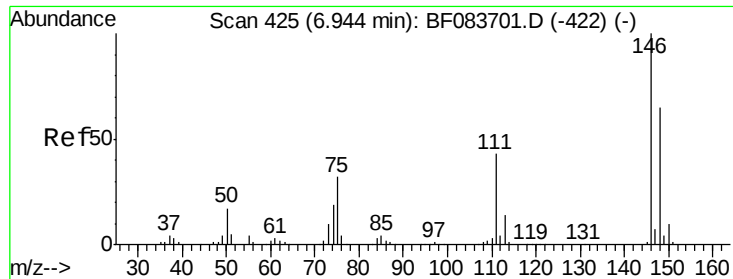
Ion Ratio Lower Upper

146 100

148 66.0 51.3 76.9

75 24.3 24.1 36.1

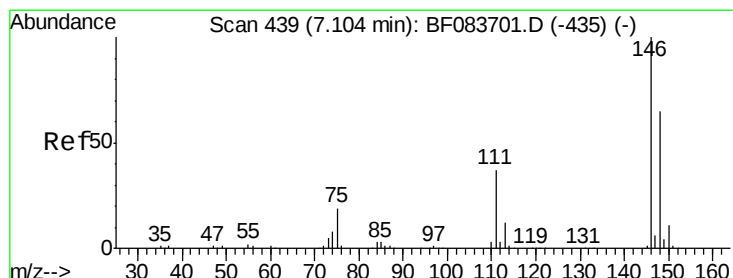
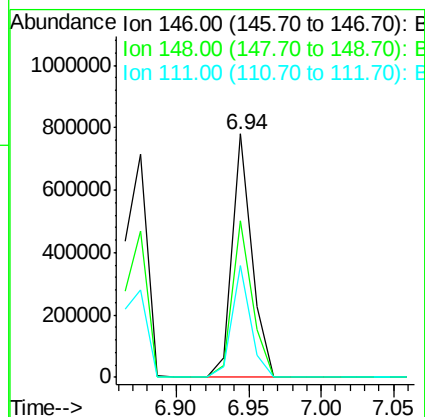
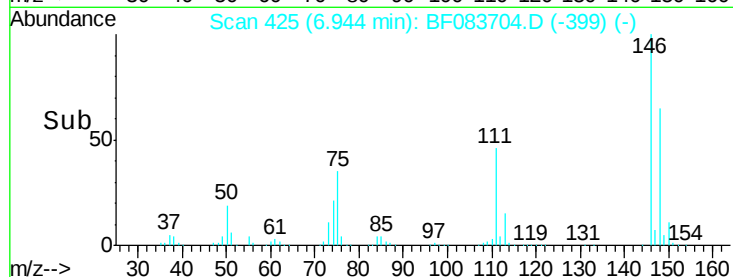
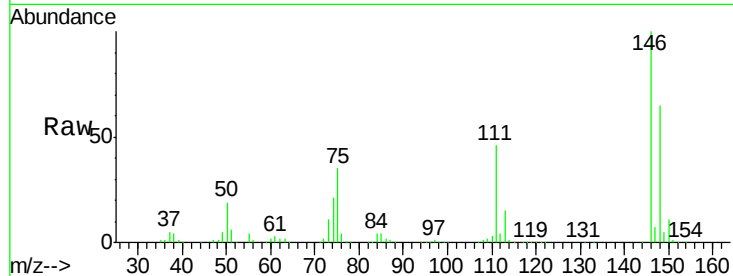




#13
 1,4-Dichlorobenzene
 Concen: 64.83 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

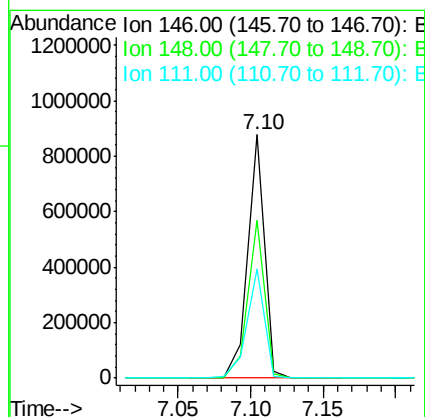
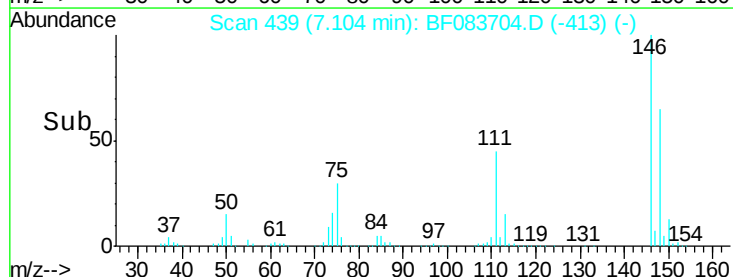
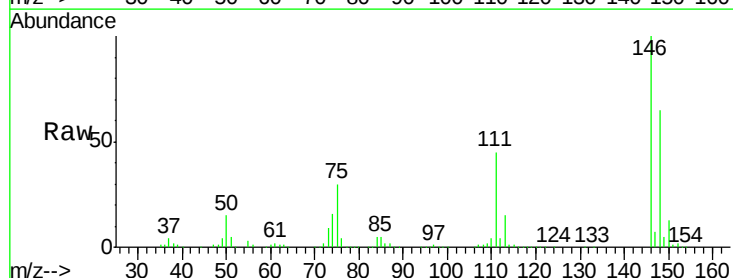
Instrument :
 BNA_F
 ClientSampleId :

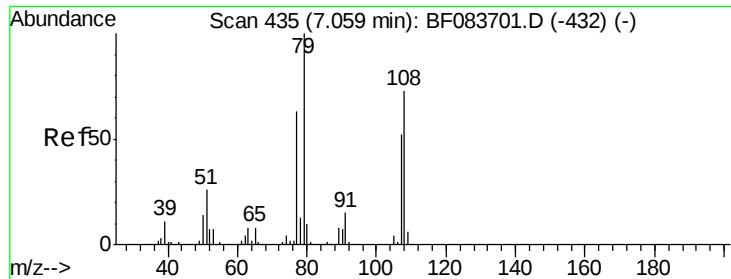
Tot Ion:146 Resp: 733349
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 46.0 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 68.30 ng
 RT: 7.10 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion:146 Resp: 706012
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 45.0 36.7 55.1





#15

Benzyl Alcohol

Concen: 69.49 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

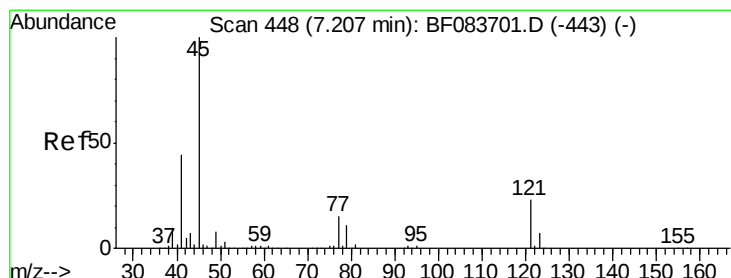
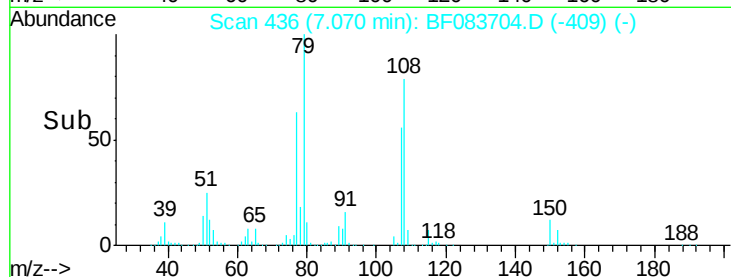
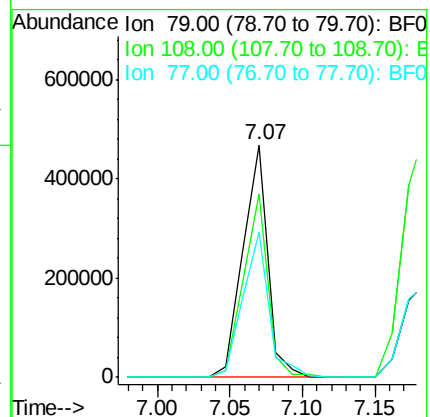
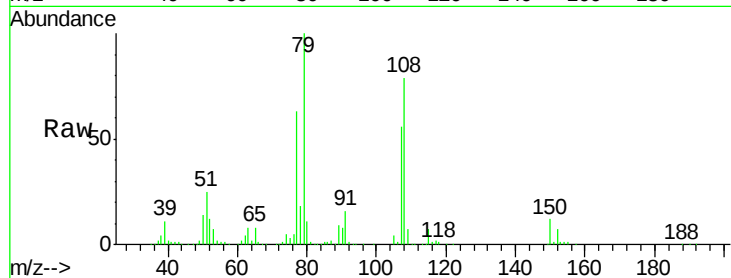
Tot Ion: 79 Resp: 555053

Ion Ratio Lower Upper

79 100

108 78.6 59.6 89.4

77 62.6 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.17 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

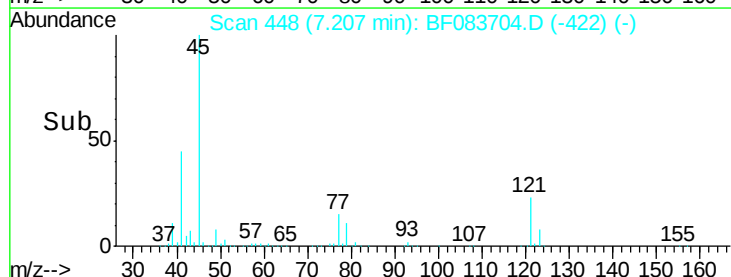
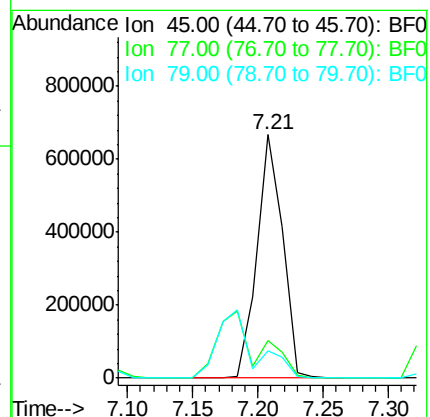
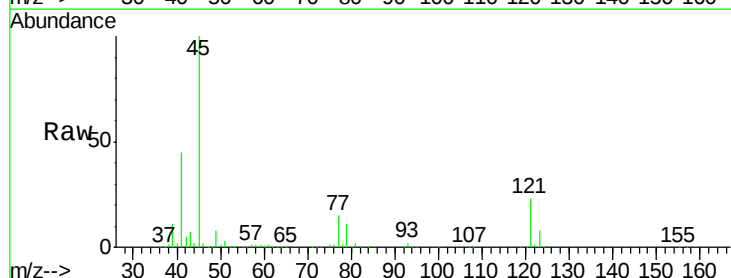
Tgt Ion: 45 Resp: 912274

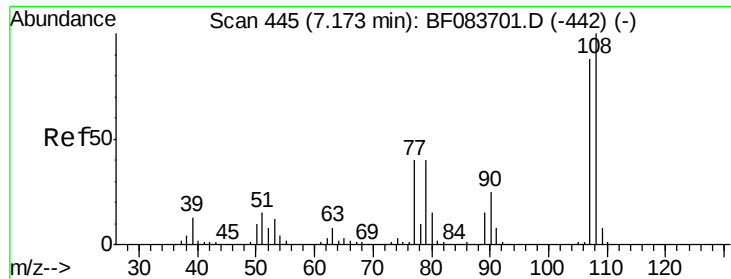
Ion Ratio Lower Upper

45 100

77 15.4 12.8 52.8

79 11.5 10.7 50.7





#17

2-Methylphenol

Concen: 74.37 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF083704.D

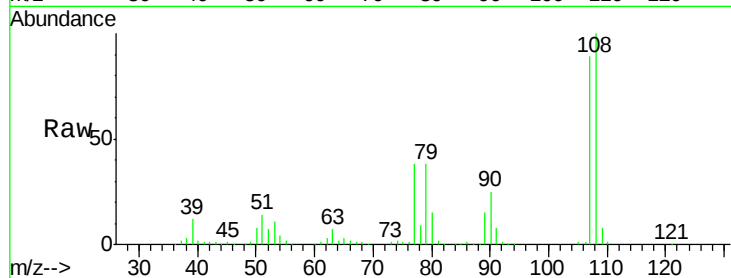
Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	598743
Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.6	137.4
77	42.2	53.7	80.5#
79	42.7	50.2	75.4#

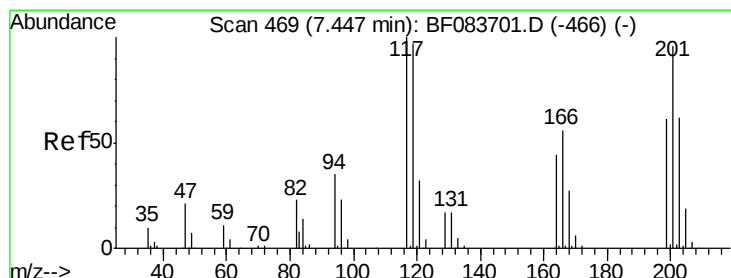
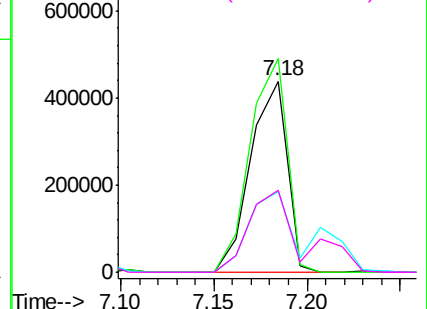
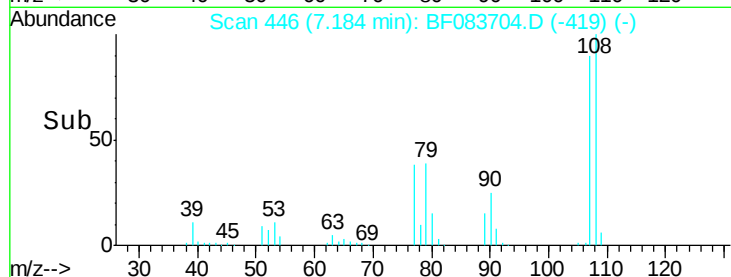


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 70.19 ng

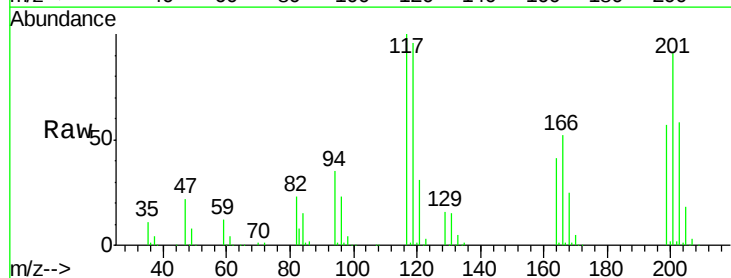
RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

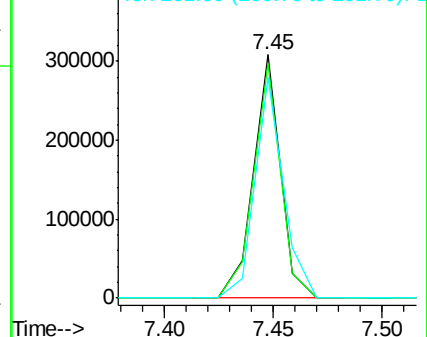
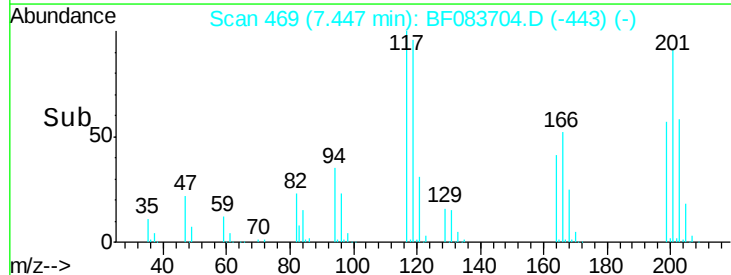
Tgt Ion:	117	Resp:	266136
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
201	90.7	86.8	130.2

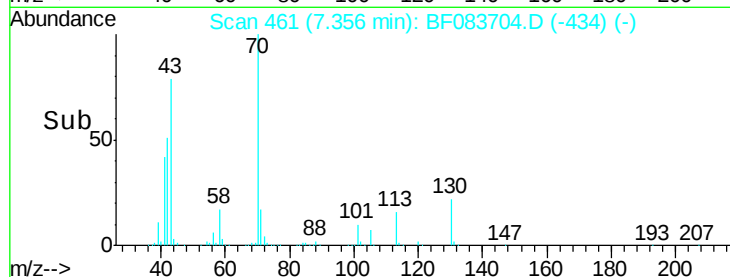
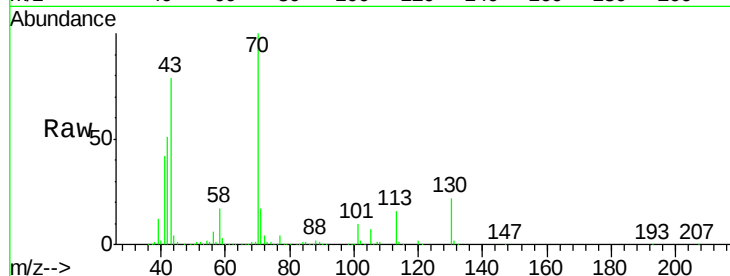
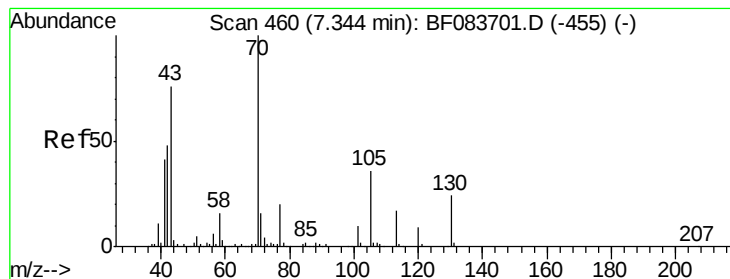


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 70.63 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 467020

Ion Ratio Lower Upper

70 100

42 51.1 49.2 73.8

101 9.8 7.1 10.7

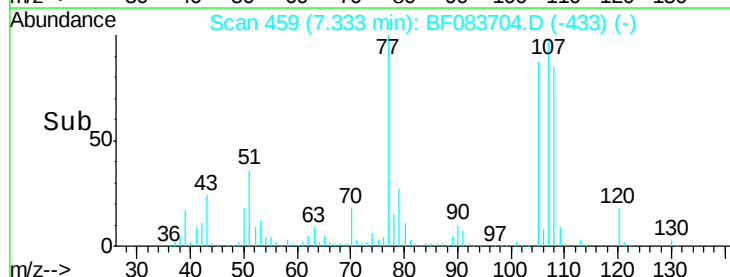
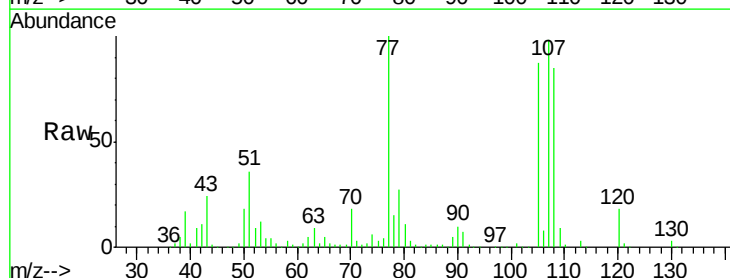
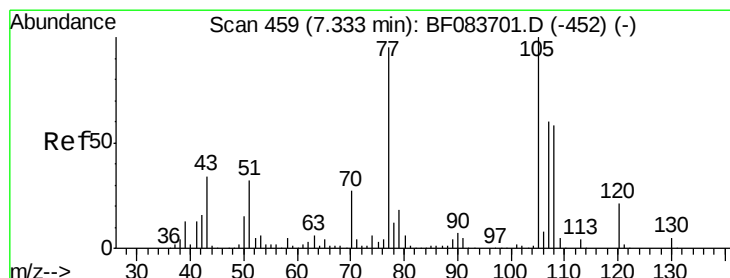
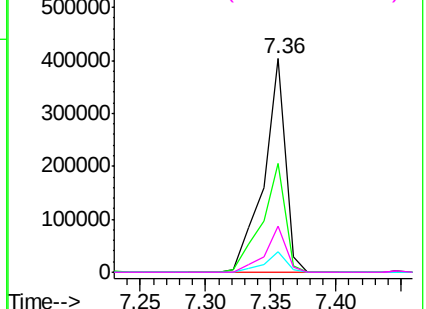
130 21.9 15.4 23.0

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 65.28 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Tgt Ion: 107 Resp: 657642

Ion Ratio Lower Upper

107 100

108 87.2 65.2 105.2

77 102.5 15.2 55.2#

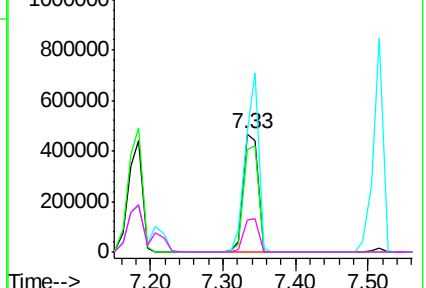
79 27.7 6.0 46.0

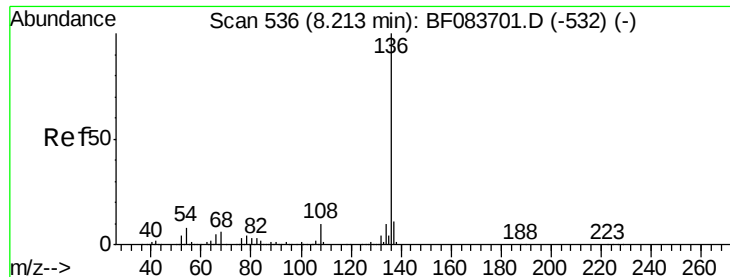
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 534450

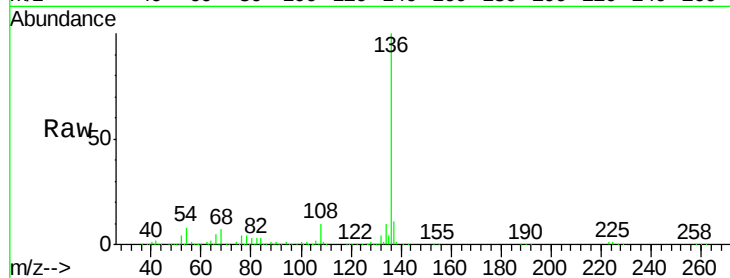
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.3 7.8 11.6

68 6.7 5.7 8.5

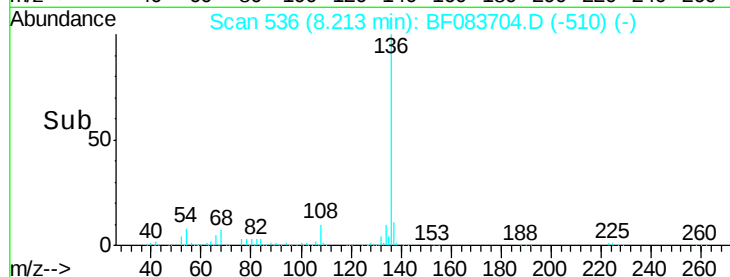


Abundance Ion 136.00 (135.70 to 136.70): E

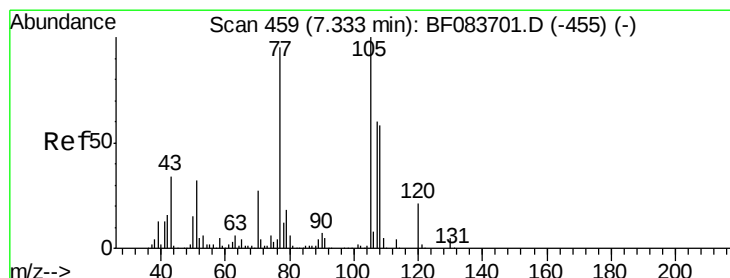
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 68.58 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Tgt Ion:105 Resp: 894594

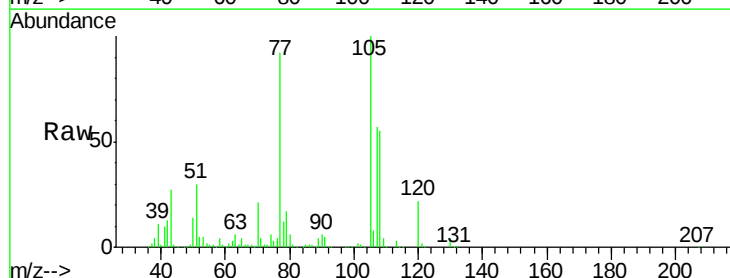
Ion Ratio Lower Upper

105 100

71 3.6 1.3 1.9#

51 30.0 23.8 35.8

120 21.8 16.7 25.1

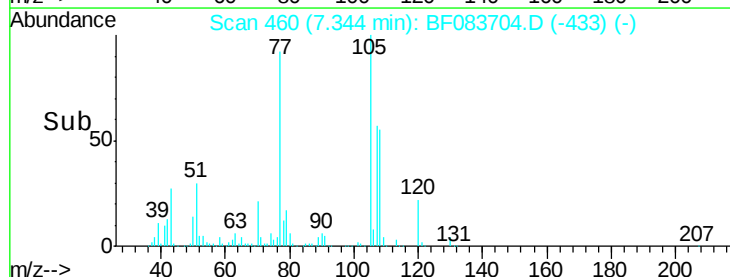


Abundance Ion 105.00 (104.70 to 105.70): E

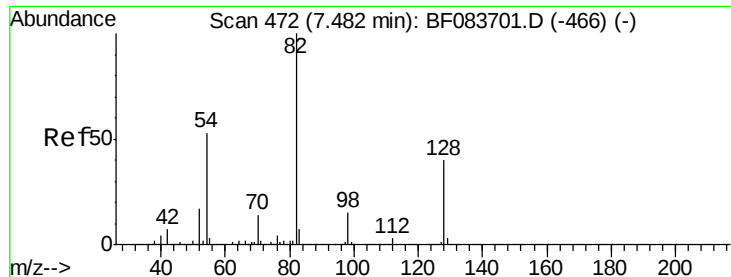
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



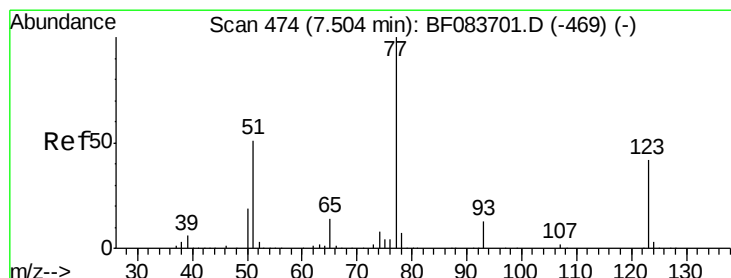
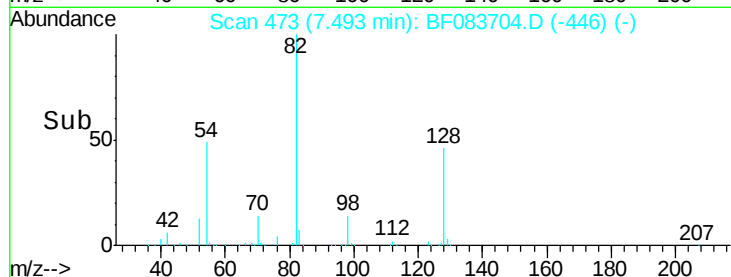
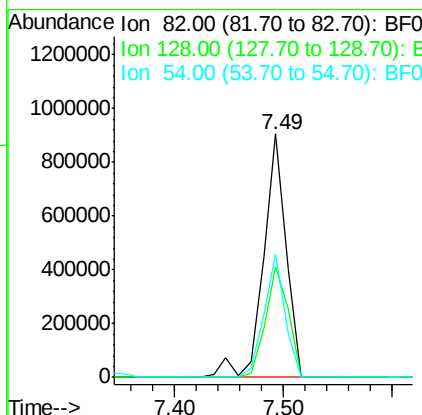
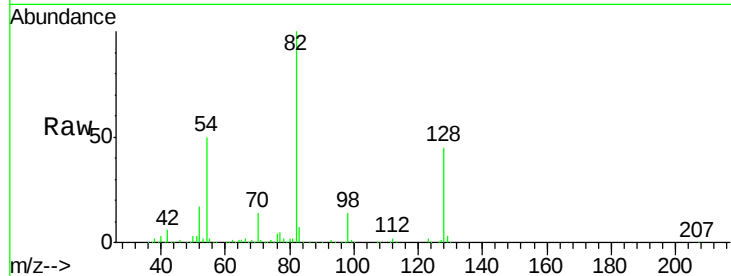
Time-->



#23
Nitrobenzene-d5
Concen: 83.43 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

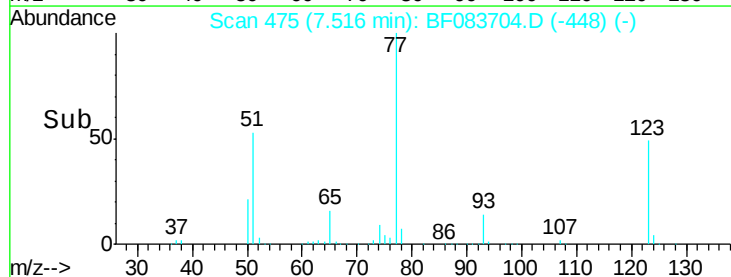
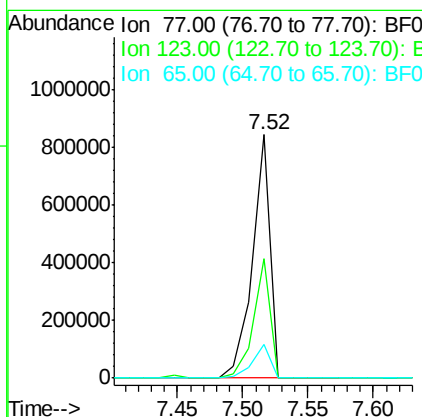
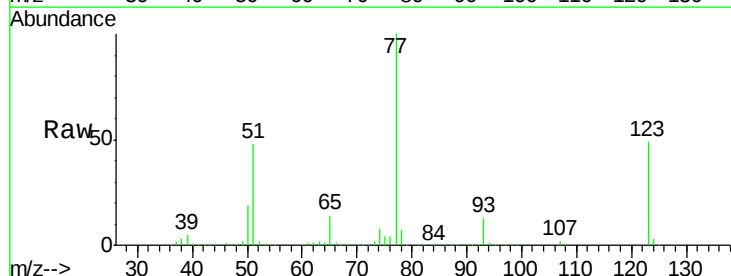
Instrument :
BNA_F
ClientSampleId :

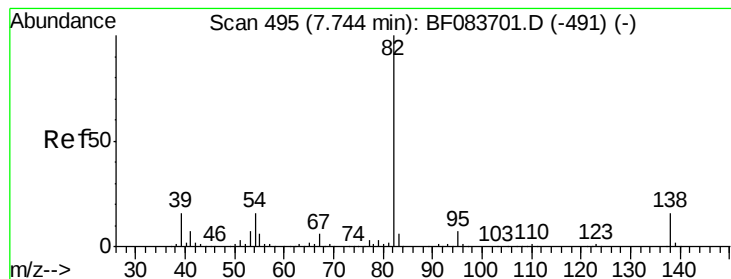
Tot Ion: 82 Resp: 1307010
Ion Ratio Lower Upper
82 100
128 45.5 30.7 46.1
54 50.5 42.5 63.7



#24
Nitrobenzene
Concen: 91.87 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion: 77 Resp: 793183
Ion Ratio Lower Upper
77 100
123 49.1 29.8 44.6#
65 13.9 11.1 16.7





#25

Isophorone

Concen: 76.00 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

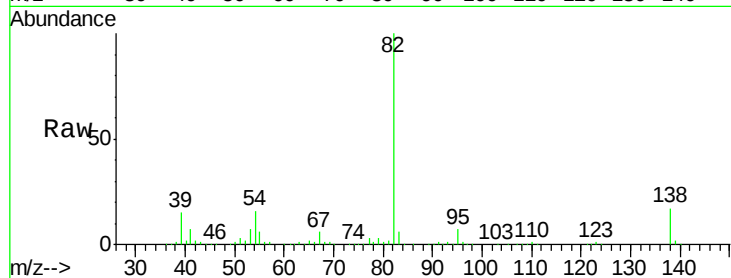
Tot Ion: 82 Resp: 1348267

Ion Ratio Lower Upper

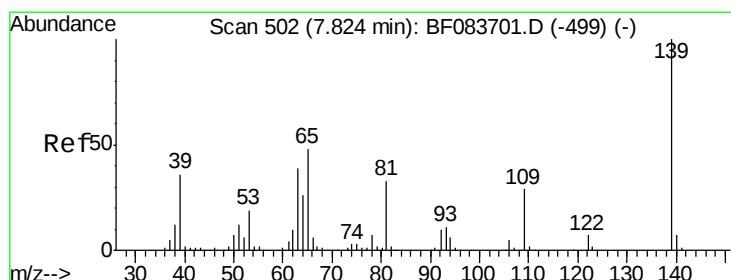
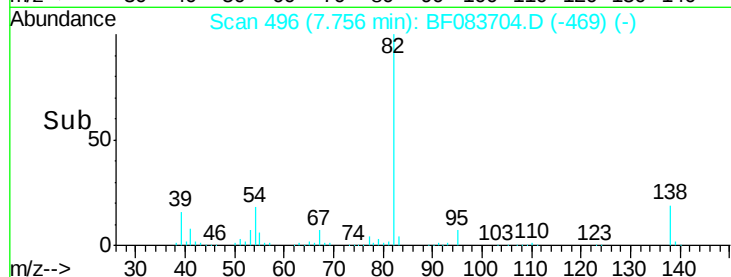
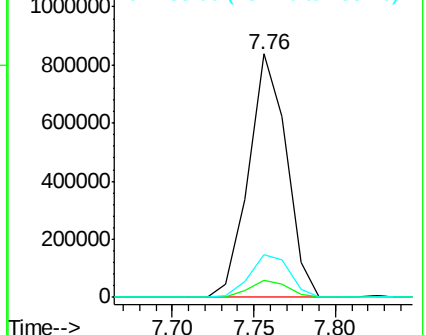
82 100

95 7.1 5.0 7.4

138 17.5 12.1 18.1



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: 99.53 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

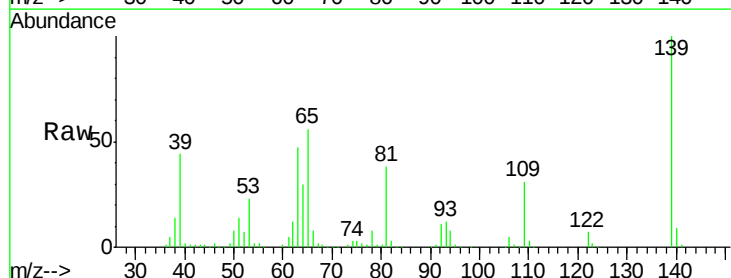
Tgt Ion: 139 Resp: 321149

Ion Ratio Lower Upper

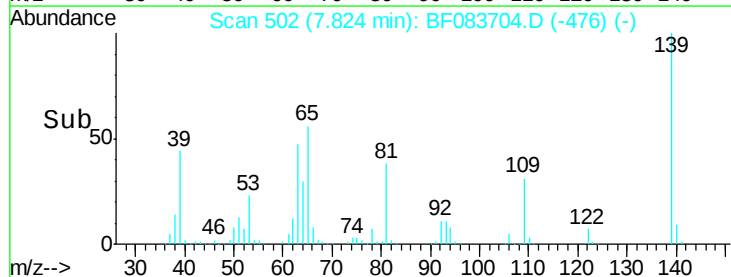
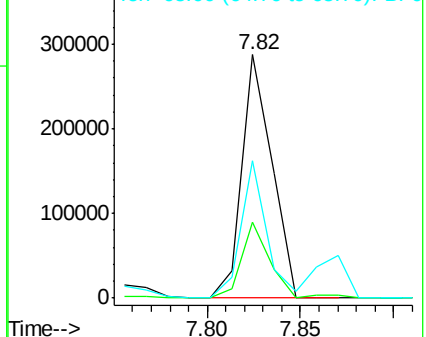
139 100

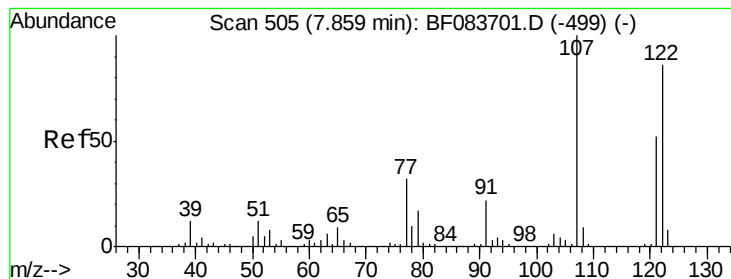
109 31.0 22.7 34.1

65 56.2 51.8 77.8



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





#27

2,4-Dimethylphenol

Concen: 79.02 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

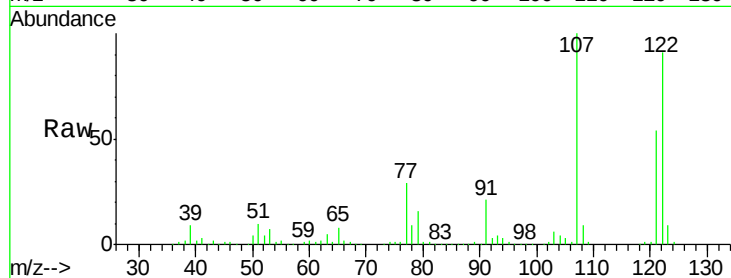
Tot Ion:122 Resp: 699126

Ion Ratio Lower Upper

122 100

107 109.6 92.4 138.6

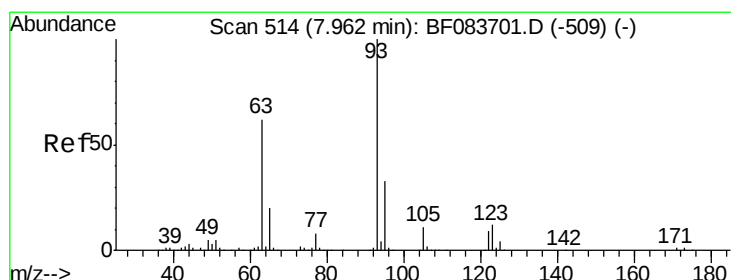
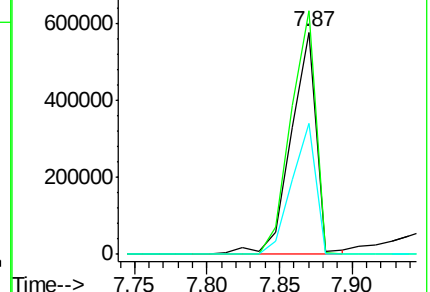
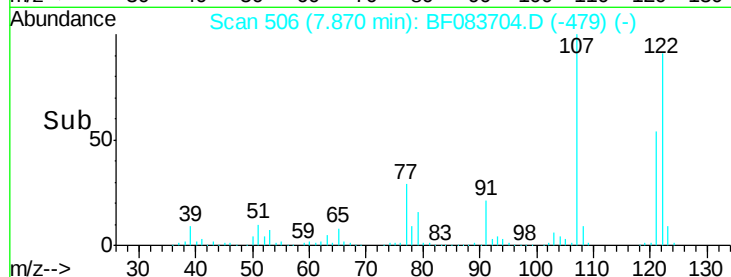
121 59.3 45.8 68.6



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: 65.56 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

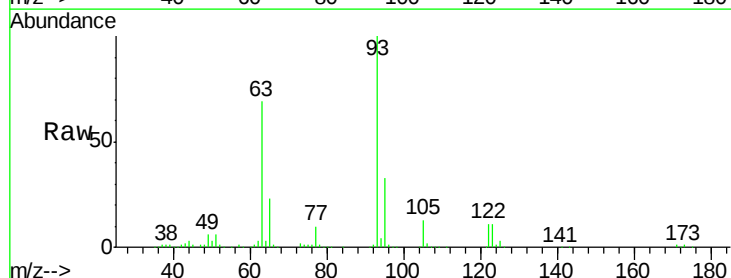
Tgt Ion: 93 Resp: 677839

Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

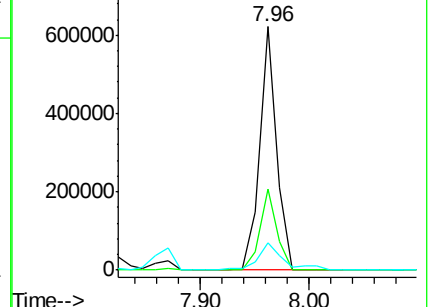
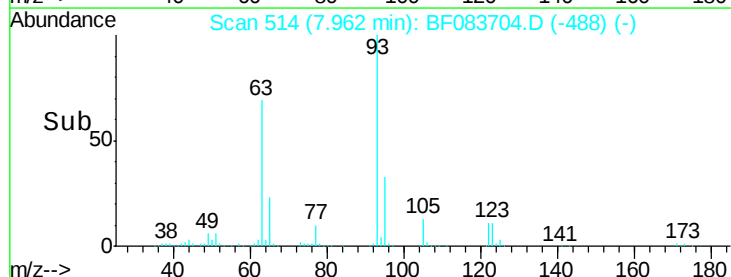
123 11.4 7.3 10.9#

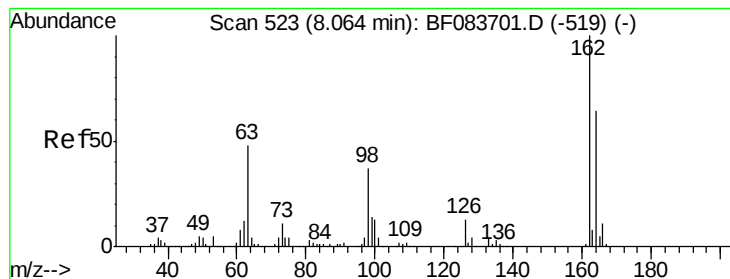


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 76.35 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

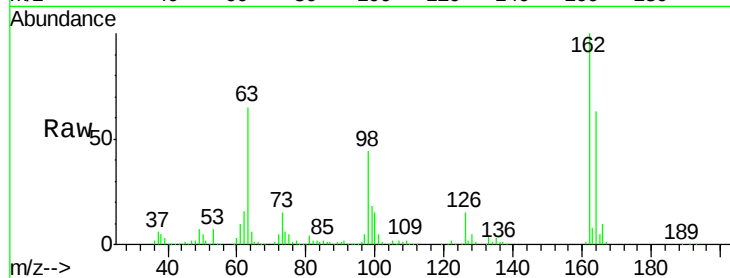
Tot Ion:162 Resp: 561237

Ion Ratio Lower Upper

162 100

164 62.7 43.4 83.4

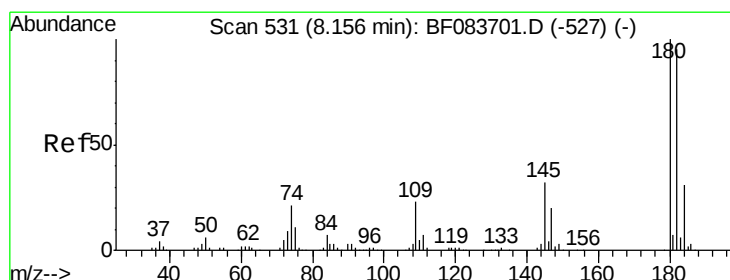
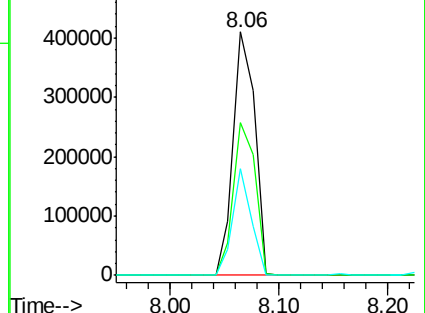
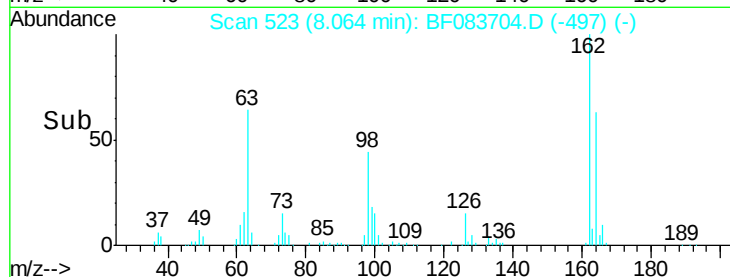
98 43.9 17.5 57.5



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: 69.94 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

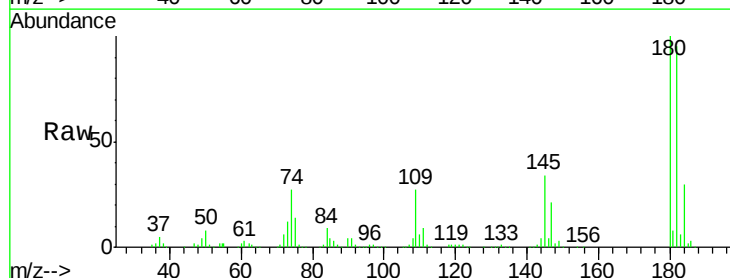
Tgt Ion:180 Resp: 576586

Ion Ratio Lower Upper

180 100

182 94.5 74.9 112.3

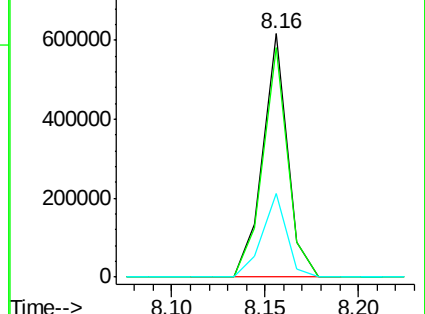
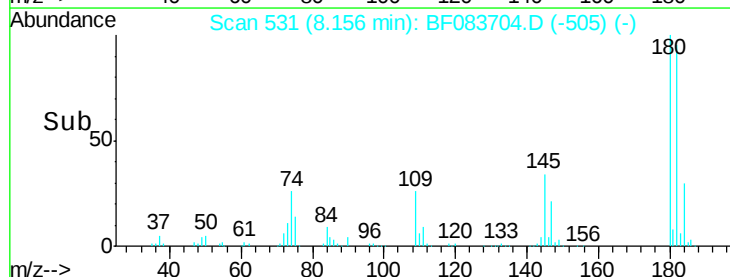
145 34.2 24.7 37.1

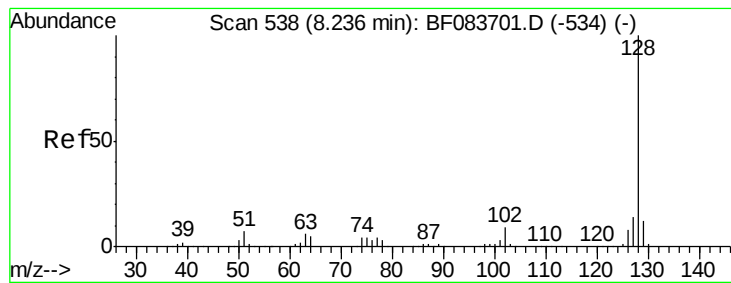


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 63.55 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampled :

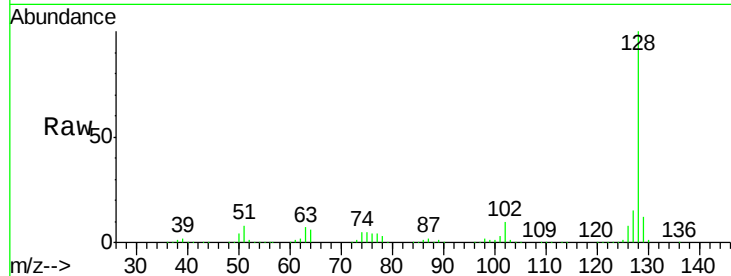
Tot Ion:128 Resp: 1729860

Ion Ratio Lower Upper

128 100

129 12.4 8.6 13.0

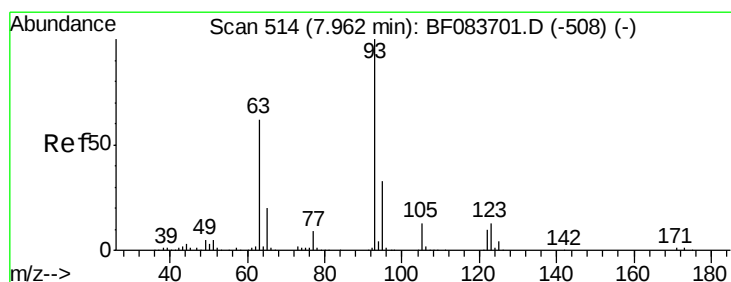
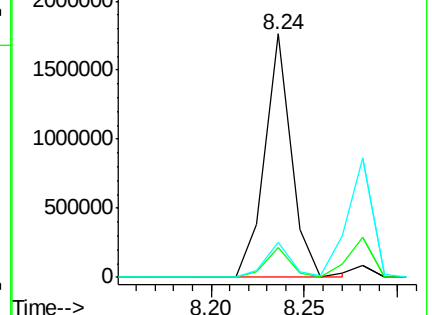
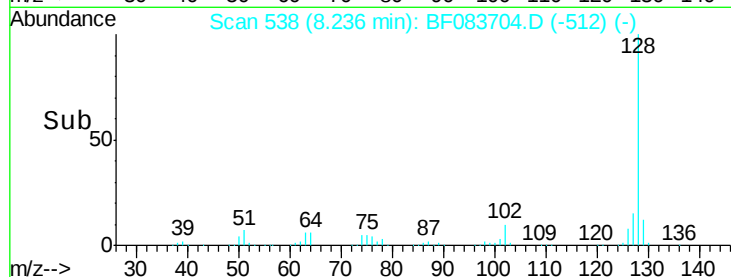
127 14.6 10.6 16.0



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: 126.00 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.05 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

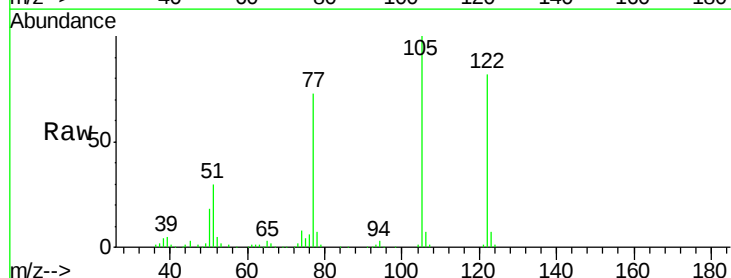
Tgt Ion:122 Resp: 497942

Ion Ratio Lower Upper

122 100

105 121.8 105.6 145.6

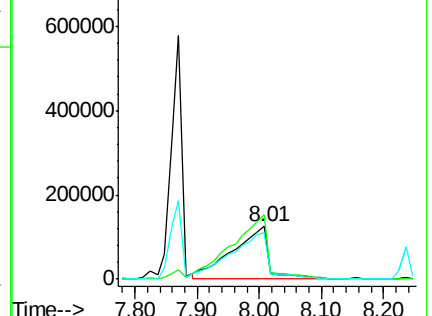
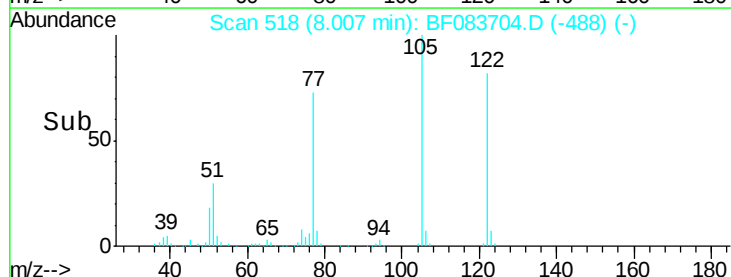
77 89.4 86.8 126.8

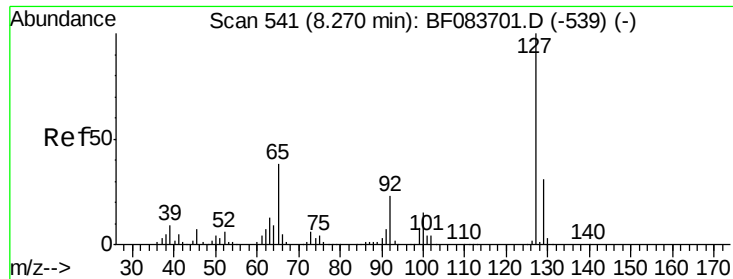


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

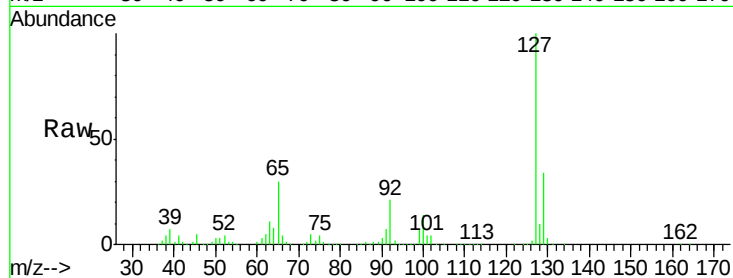




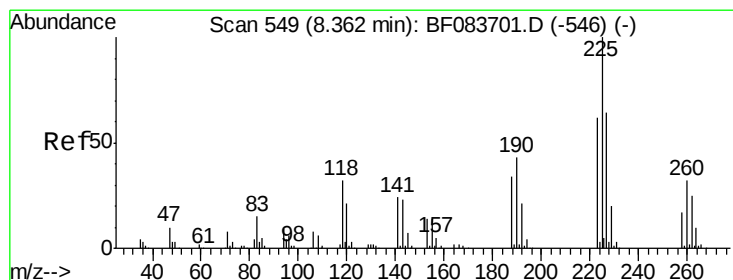
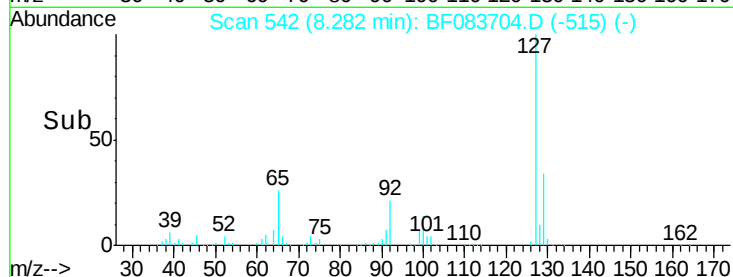
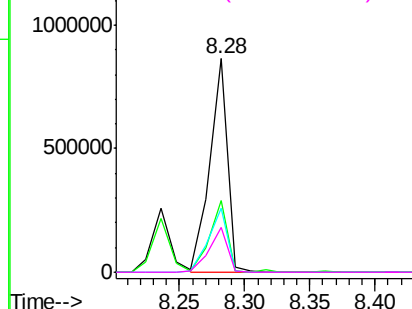
#33
4-Chloroaniline
Concen: 73.43 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	815653
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.1	39.1
65	30.1	33.5	50.3#
92	21.2	18.6	28.0

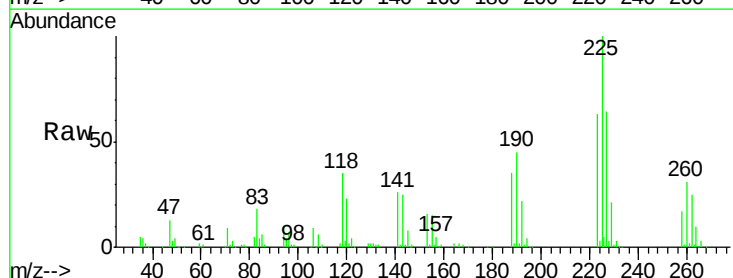


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

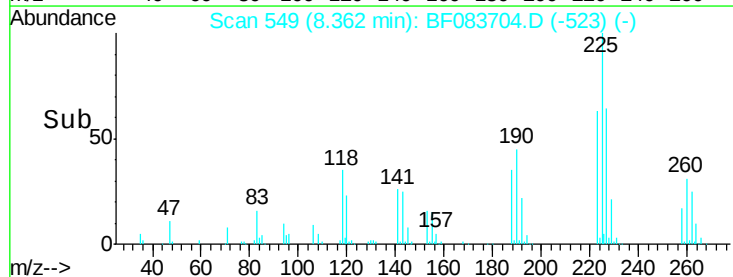
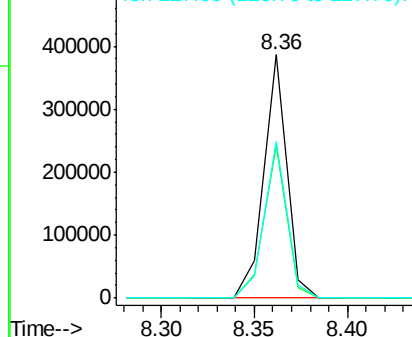


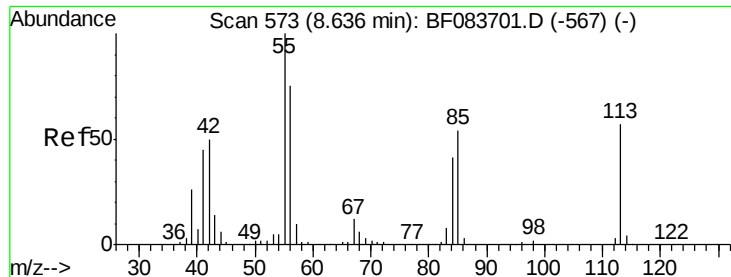
#34
Hexachlorobutadiene
Concen: 71.58 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:	225	Resp:	326957
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.3	78.5
227	64.5	50.4	75.6



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

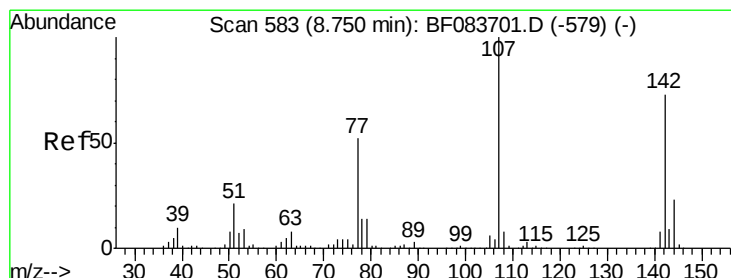
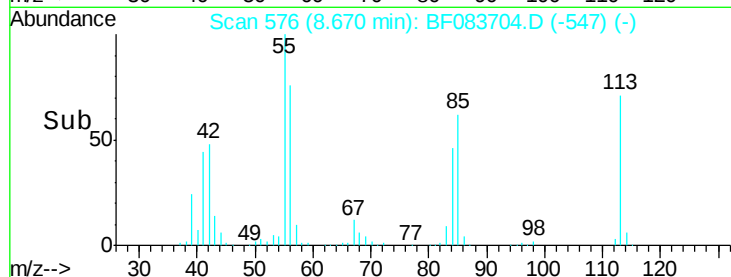
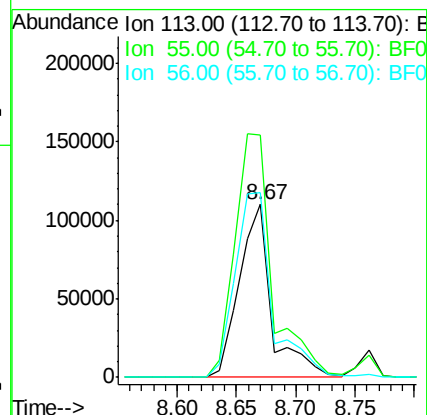
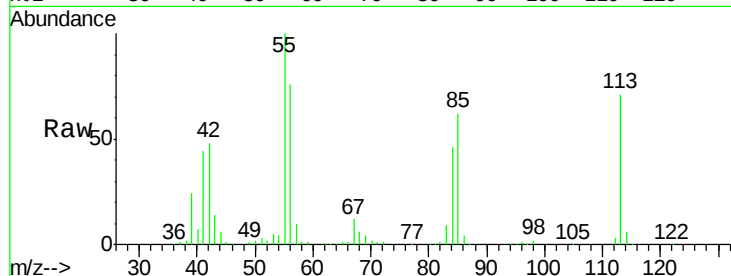




#35
Caprolactam
Concen: 90.78 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.03 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

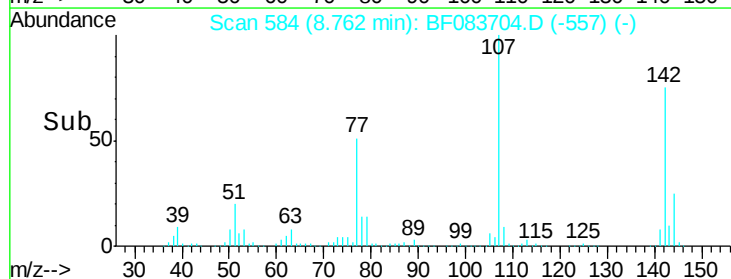
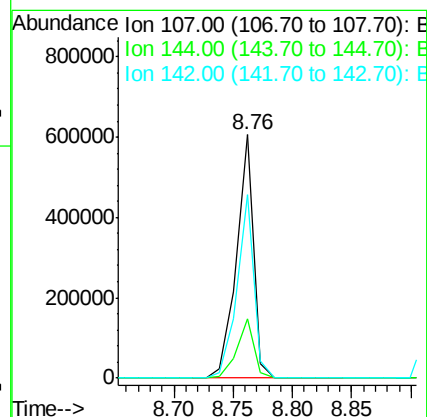
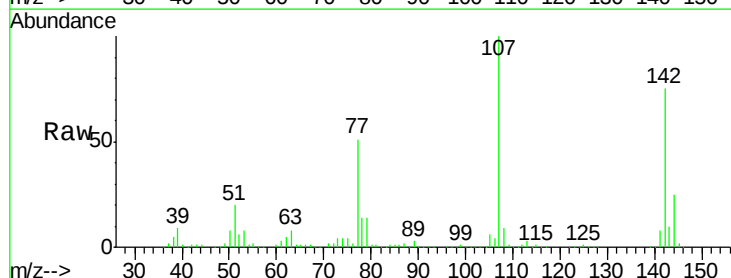
Instrument :
BNA_F
ClientSampleId :

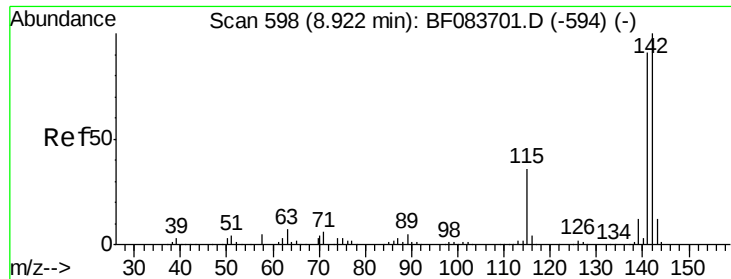
Tot Ion:113 Resp: 209094
Ion Ratio Lower Upper
113 100
55 140.4 189.7 229.7#
56 106.9 130.7 170.7#



#36
4-Chloro-3-methylphenol
Concen: 75.42 ng
RT: 8.76 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:107 Resp: 607858
Ion Ratio Lower Upper
107 100
144 24.6 17.5 26.3
142 75.4 53.6 80.4

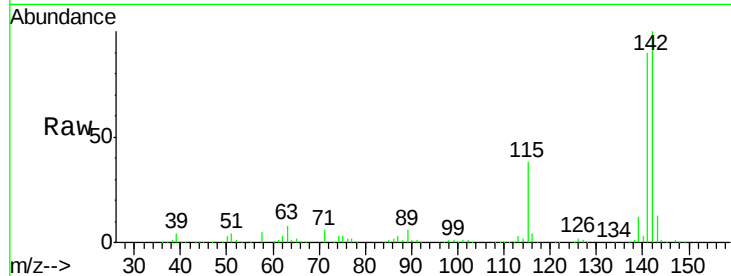




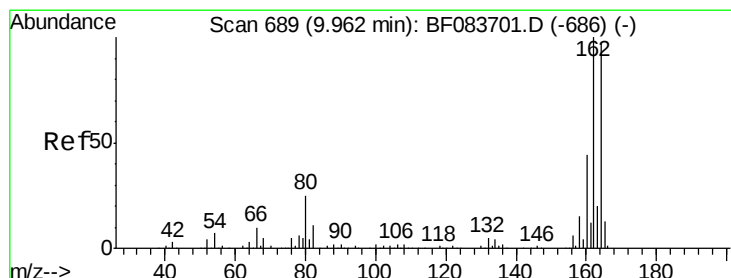
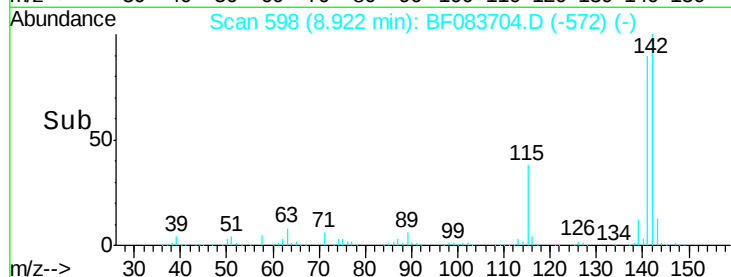
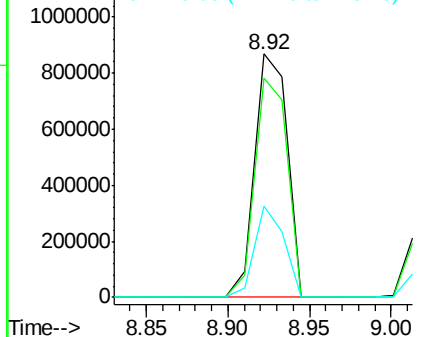
#37
2-Methylnaphthalene
Concen: 70.81 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1198440
Ion Ratio Lower Upper
142 100
141 89.9 70.3 105.5
115 37.7 29.2 43.8

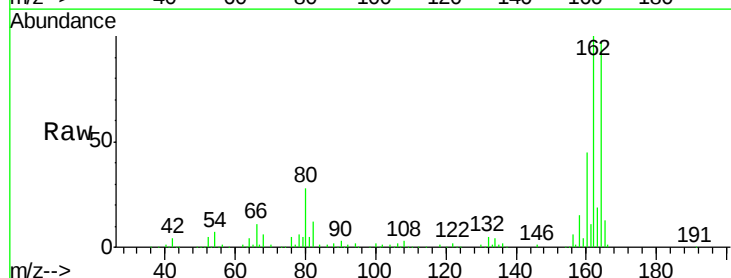


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

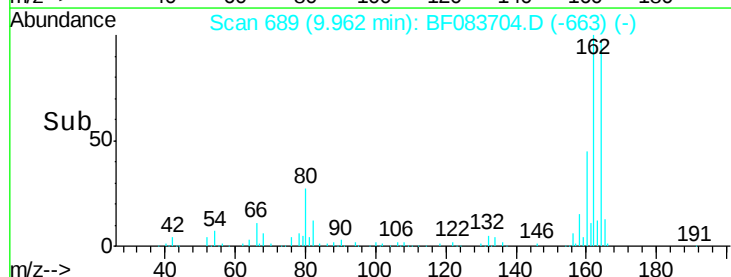
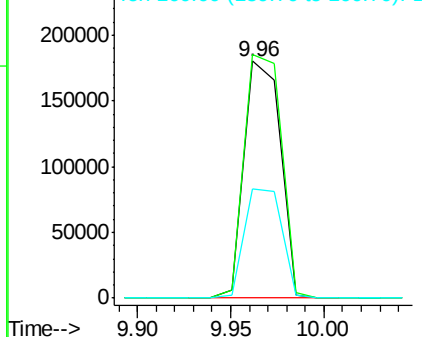


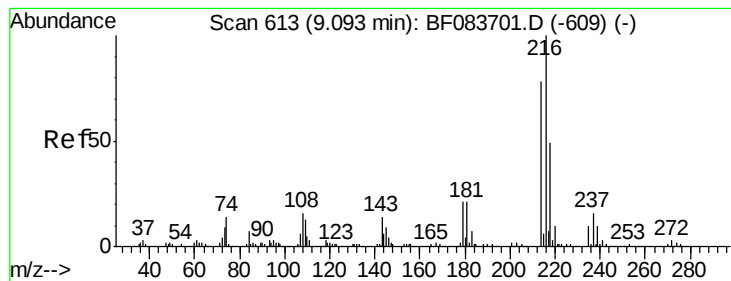
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:164 Resp: 243124
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 46.0 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 62.69 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083704.D

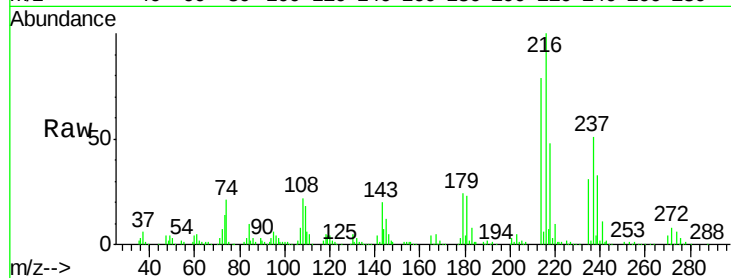
Acq: 11 Dec 2015 18:06

Instrument :

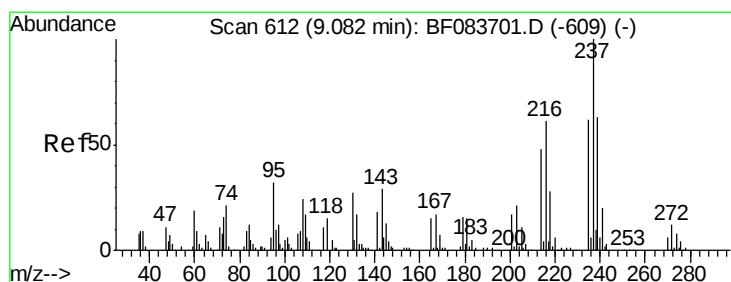
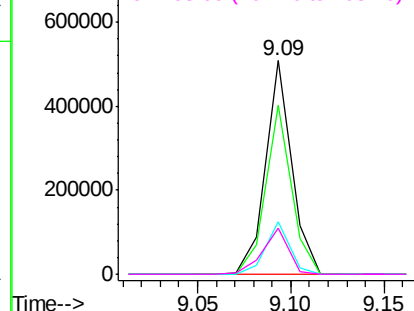
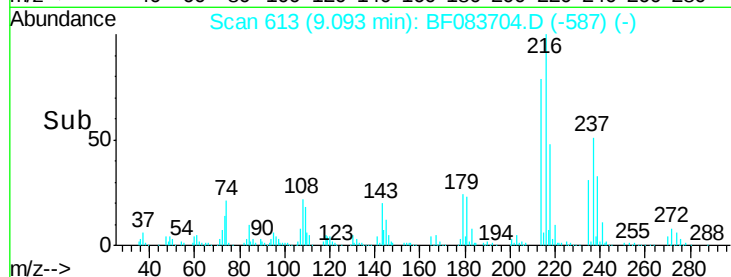
BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	490651
Ion Ratio		Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	22.9	0.0	0.0#
108	21.4	0.0	0.0#



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: 86.74 ng

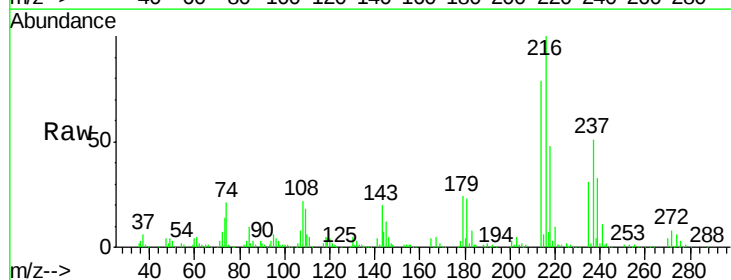
RT: 9.09 min Scan# 613

Delta R.T. 0.01 min

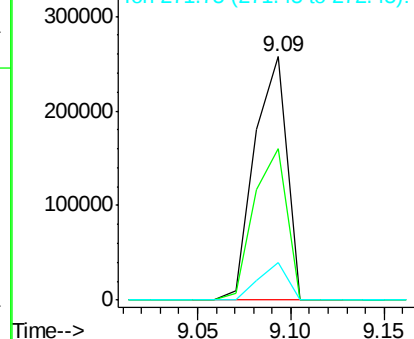
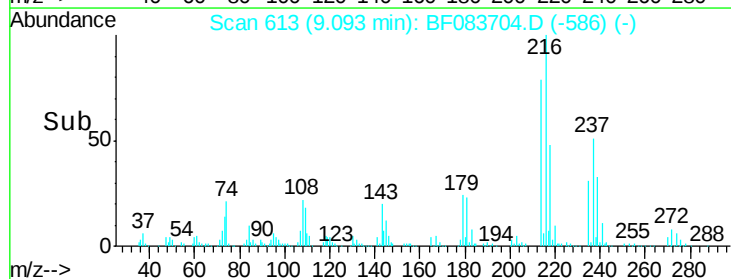
Lab File: BF083704.D

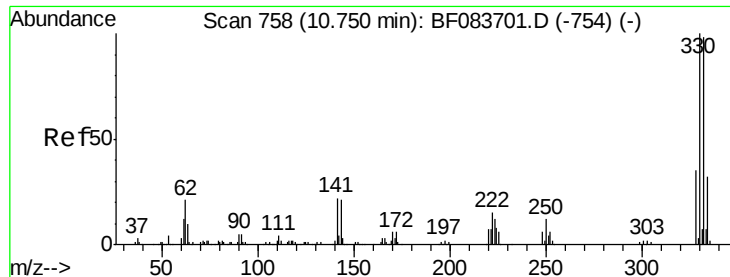
Acq: 11 Dec 2015 18:06

Tgt Ion:	237	Resp:	307564
Ion Ratio		Lower	Upper
237	100		
235	62.2	43.9	83.9
272	15.2	0.0	31.8



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

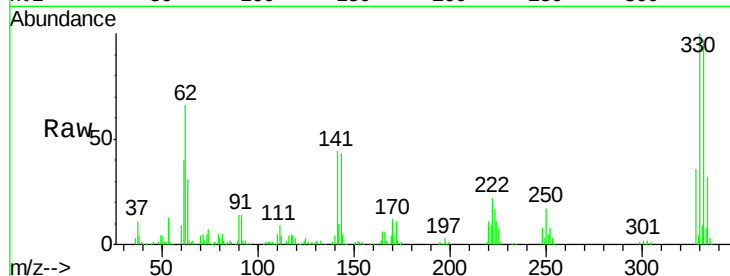




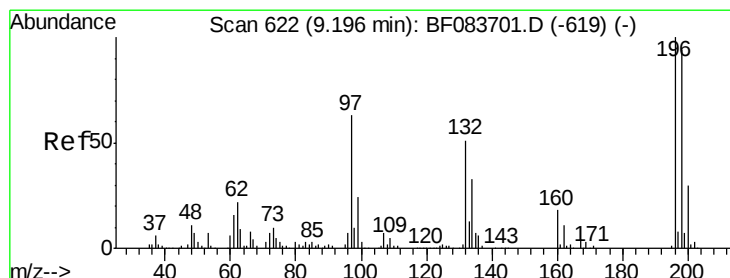
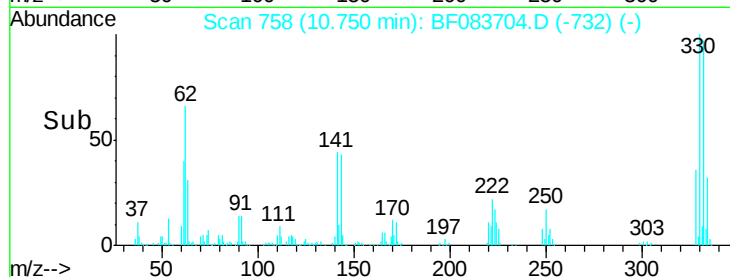
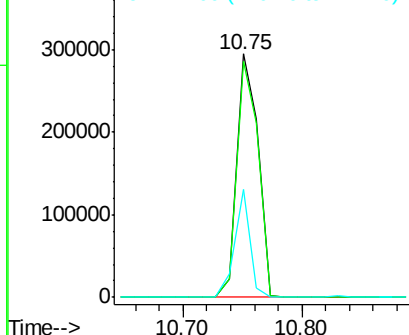
#41
 2,4,6-Tribromophenol
 Concen: 78.13 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	32.0	0.0	0.0#

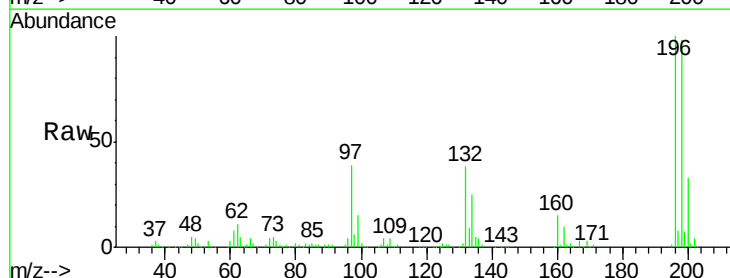


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

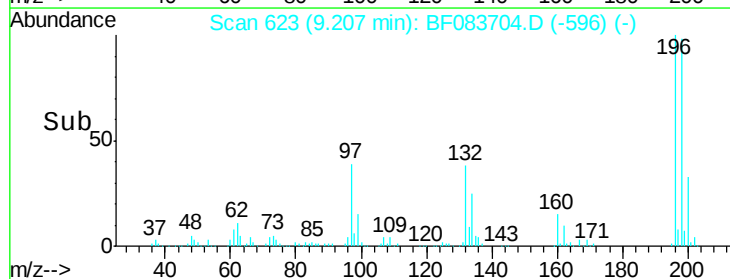
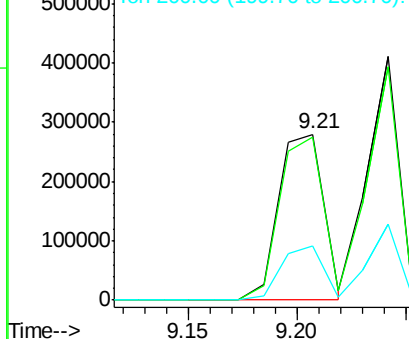


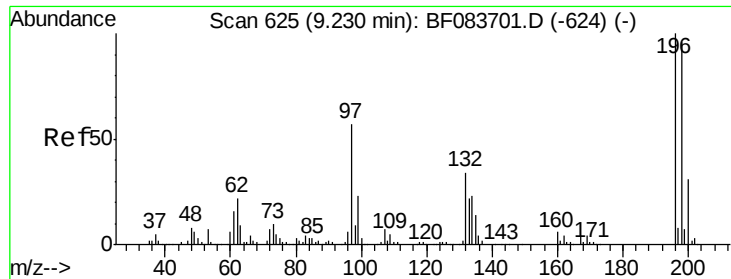
#42
 2,4,6-Trichlorophenol
 Concen: 77.50 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.2	112.8
200	32.7	23.0	34.6



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

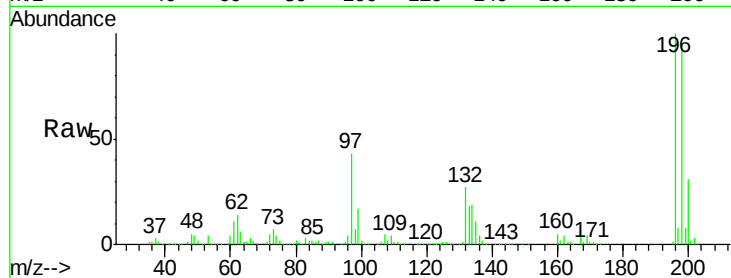




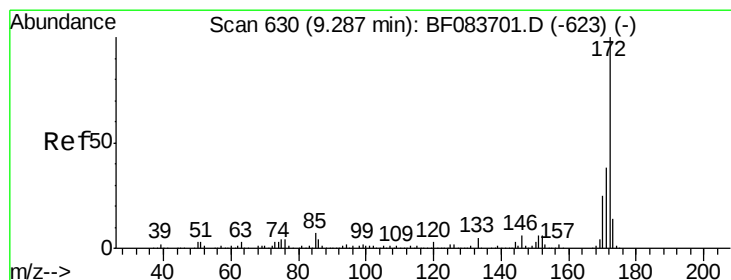
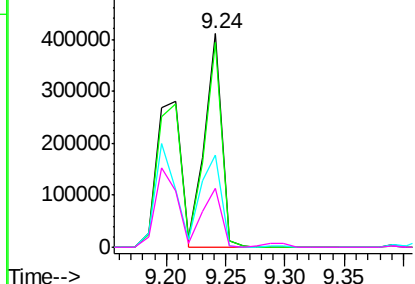
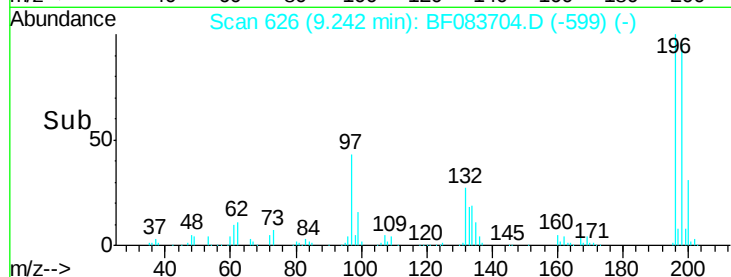
#43
 2,4,5-Trichlorophenol
 Concen: 82.65 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 412531
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.7 116.5
 97 43.0 41.2 61.8
 132 27.4 21.8 32.8

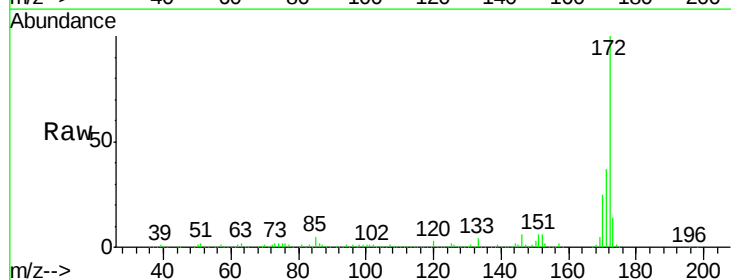


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

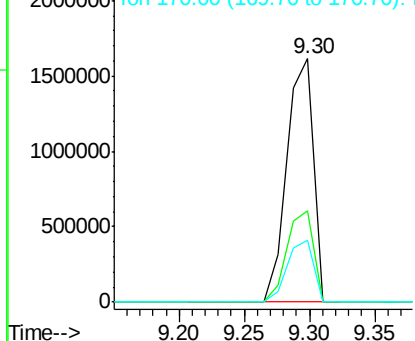
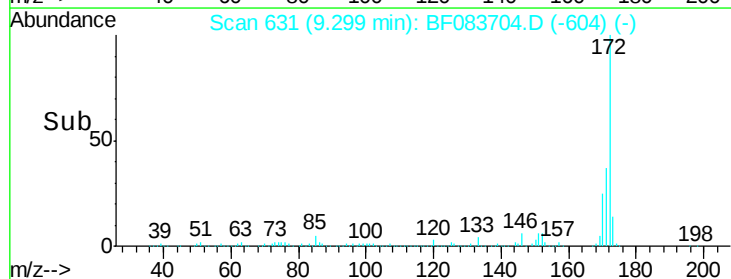


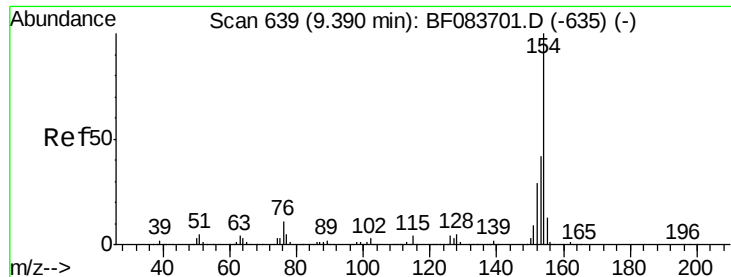
#44
 2-Fluorobiphenyl
 Concen: 68.30 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion:172 Resp: 2302928
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.6 42.8
 170 25.2 19.4 29.0



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

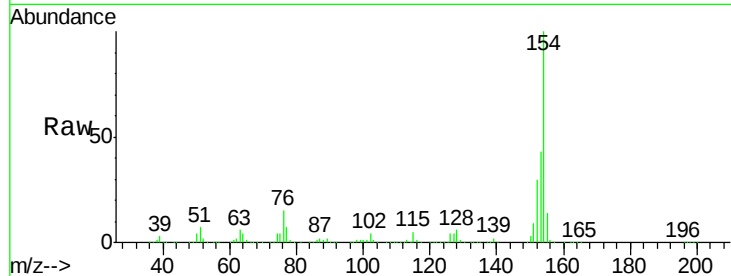




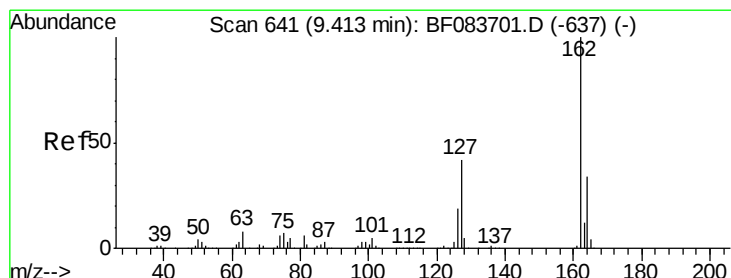
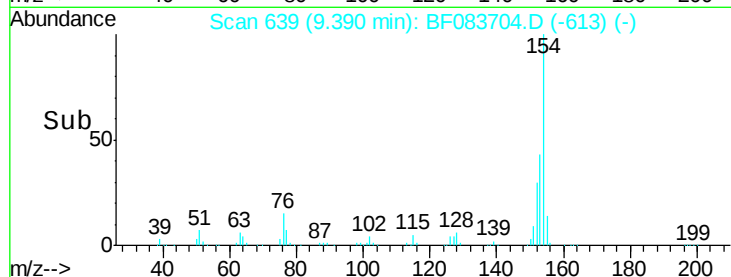
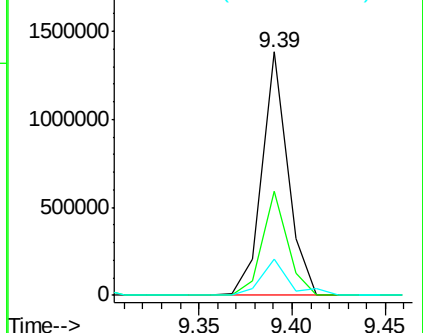
#45
 1,1'-Biphenyl
 Concen: 59.96 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1318542
 Ion Ratio Lower Upper
 154 100
 153 42.9 20.2 60.2
 76 14.9 0.0 34.8

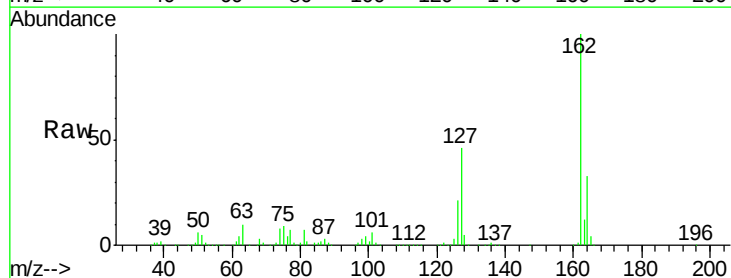


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

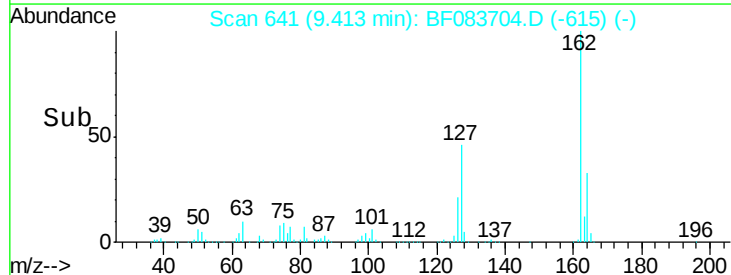
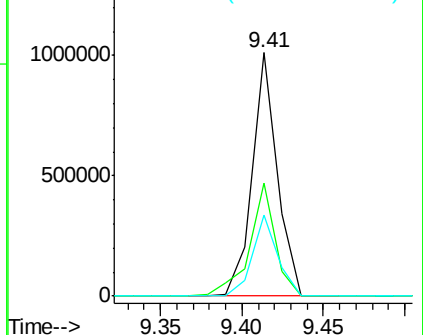


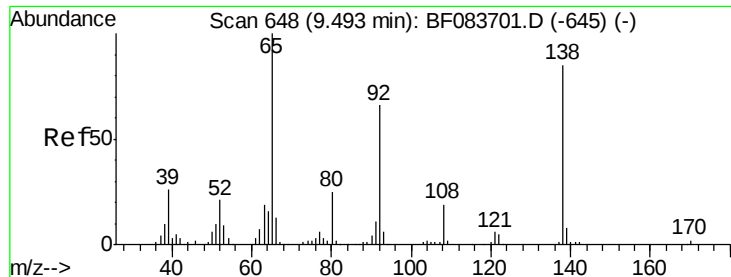
#46
 2-Chloronaphthalene
 Concen: 65.48 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion:162 Resp: 1074413
 Ion Ratio Lower Upper
 162 100
 127 46.4 31.0 46.4#
 164 33.5 27.4 41.0



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: 109.42 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampled :

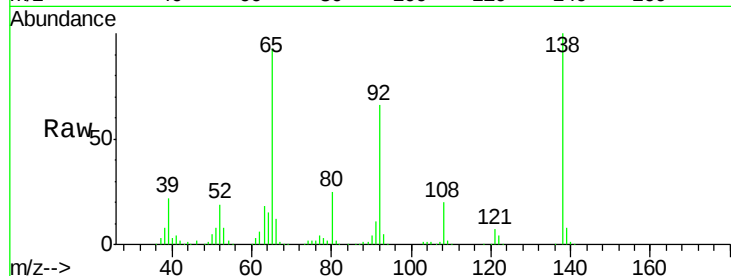
Tot Ion: 65 Resp: 374004

Ion Ratio Lower Upper

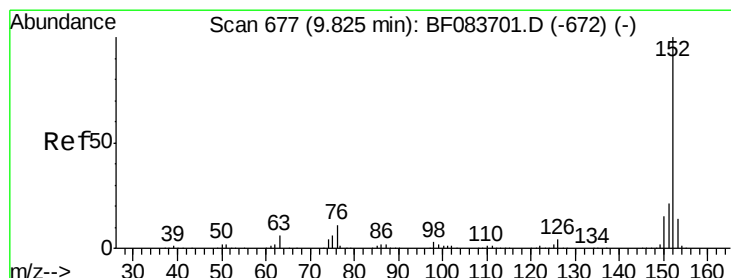
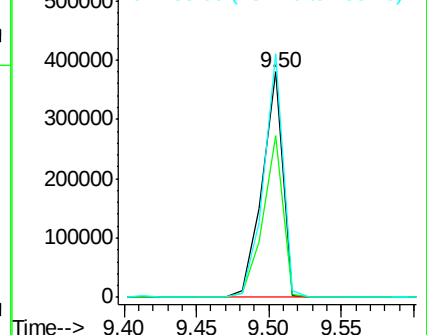
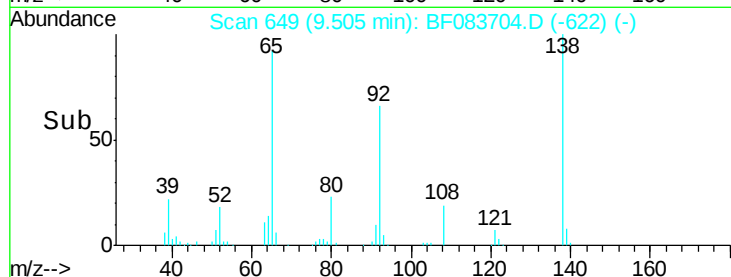
65 100

92 71.5 49.6 74.4

138 107.9 64.1 96.1#



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): BF0



#48

Acenaphthylene

Concen: 72.65 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

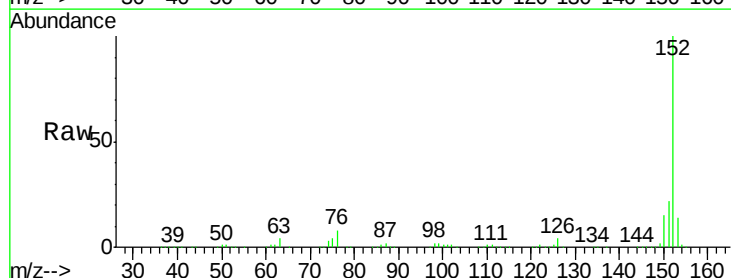
Tgt Ion: 152 Resp: 1938740

Ion Ratio Lower Upper

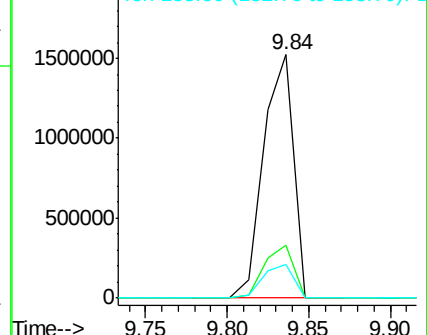
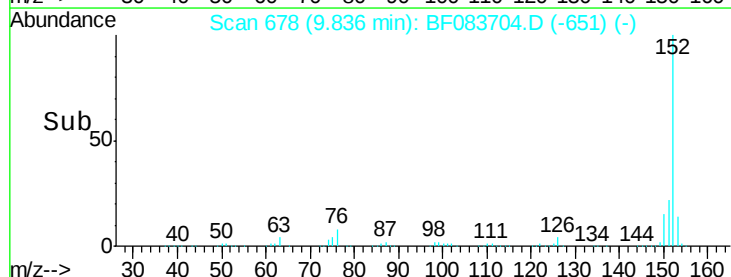
152 100

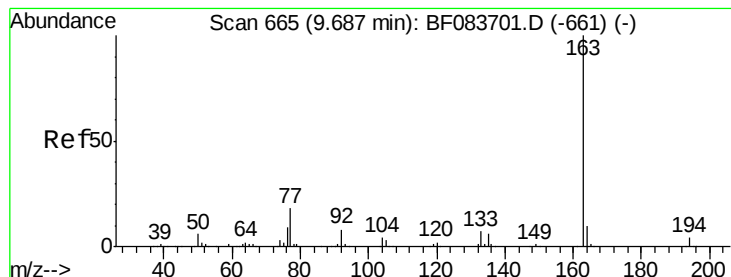
151 21.6 16.3 24.5

153 13.9 10.8 16.2



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: 76.15 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

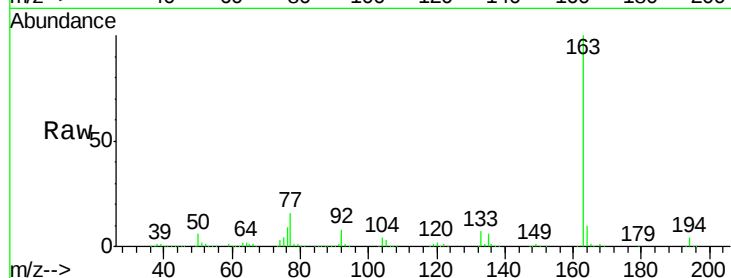
Tot Ion:163 Resp: 1434334

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

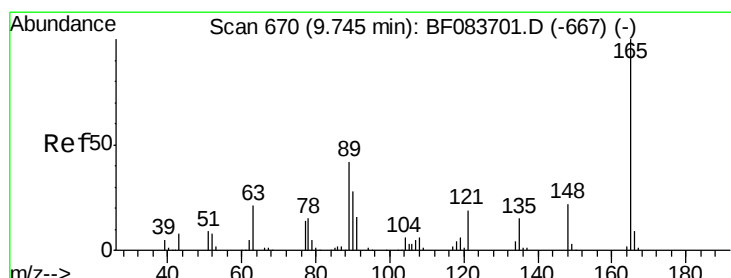
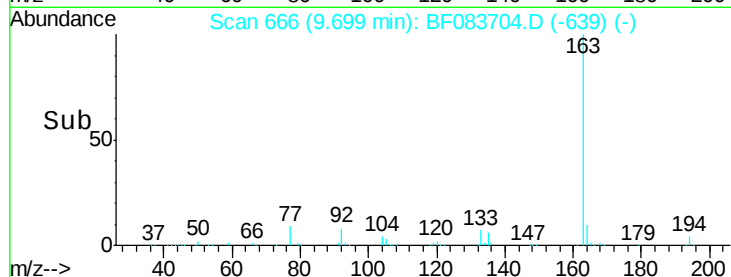
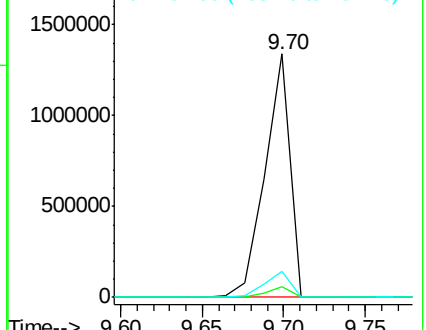
164 10.5 8.6 13.0



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: 86.99 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

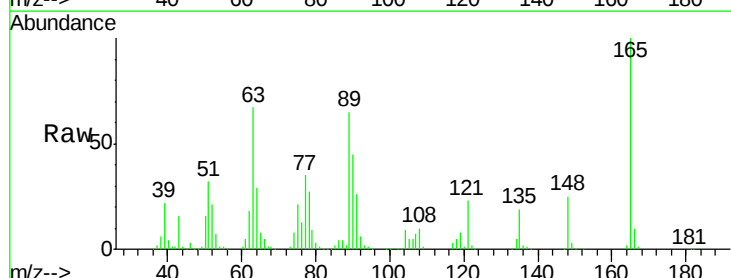
Tgt Ion:165 Resp: 283580

Ion Ratio Lower Upper

165 100

63 66.5 56.9 85.3

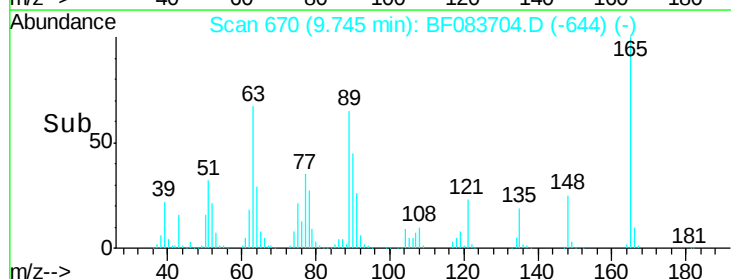
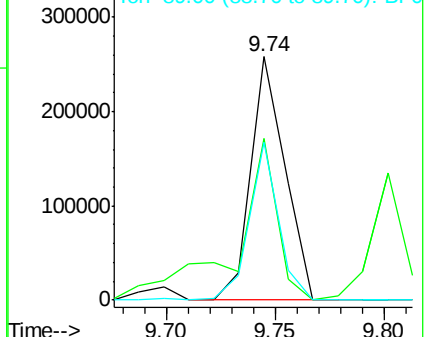
89 64.8 52.1 78.1

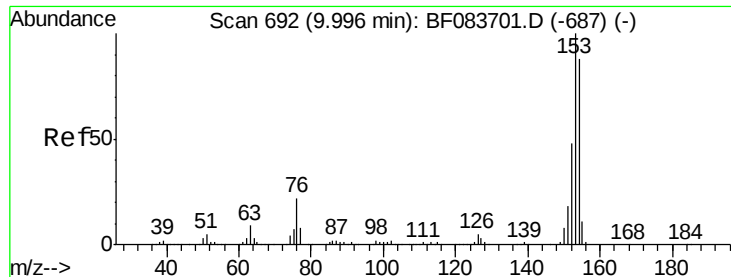


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 75.35 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampled :

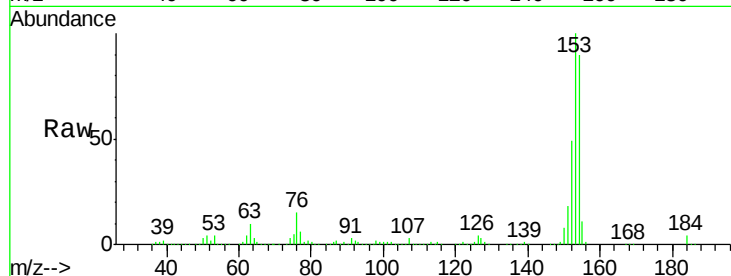
Tot Ion:154 Resp: 1184781

Ion Ratio Lower Upper

154 100

153 110.8 91.4 137.0

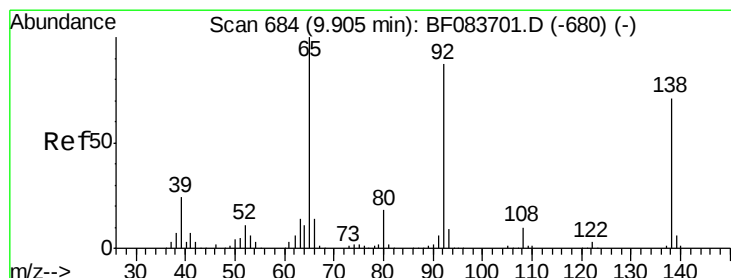
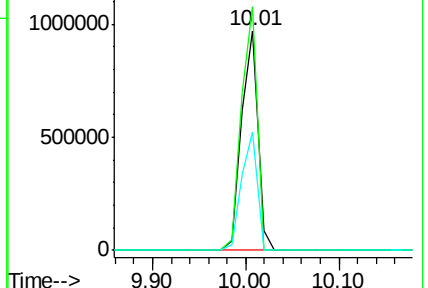
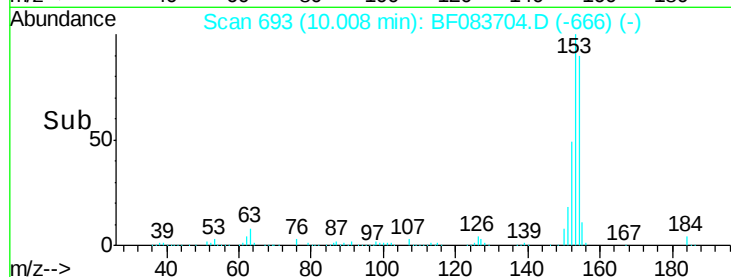
152 54.0 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 93.35 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

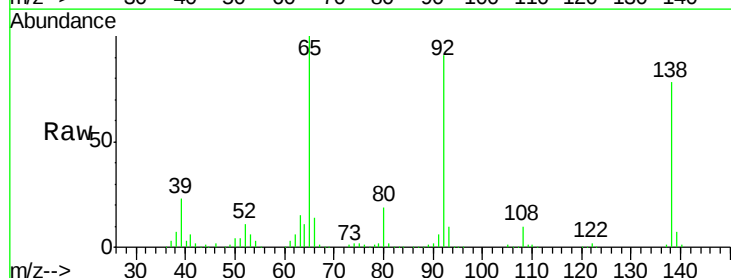
Tgt Ion:138 Resp: 339426

Ion Ratio Lower Upper

138 100

108 12.7 9.9 14.9

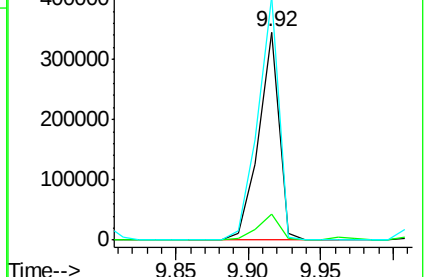
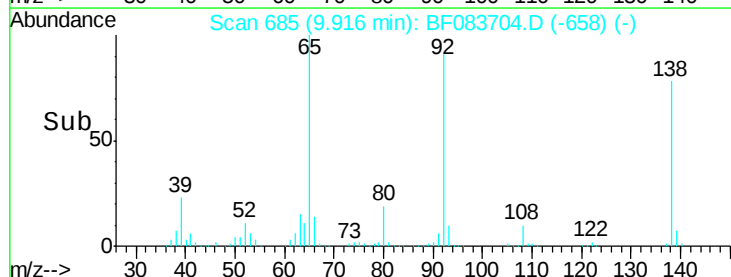
92 116.8 113.8 170.8

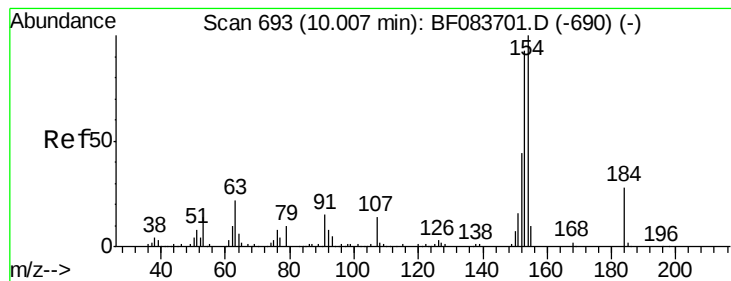


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 169.01 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampled :

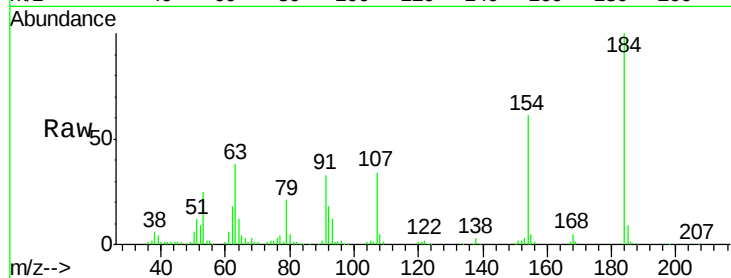
Tot Ion:184 Resp: 133642

Ion Ratio Lower Upper

184 100

63 37.8 62.4 93.6#

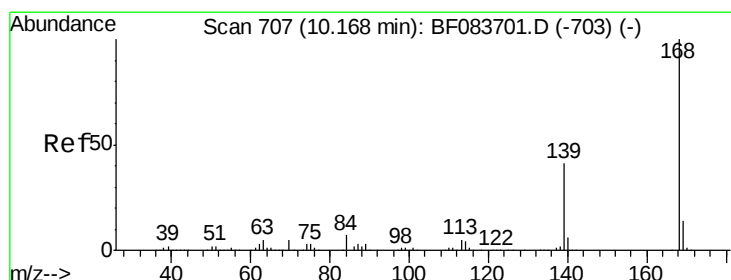
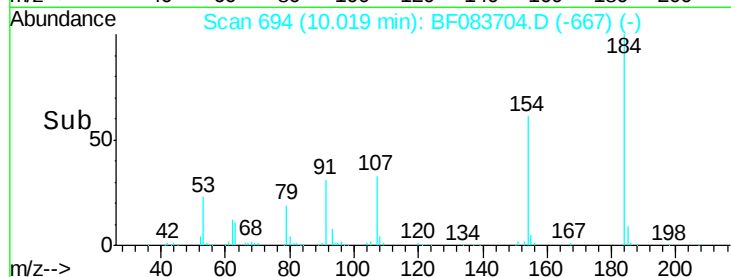
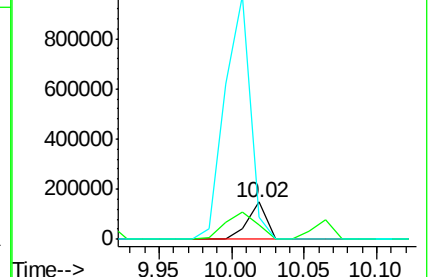
154 60.5 46.6 69.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 71.84 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

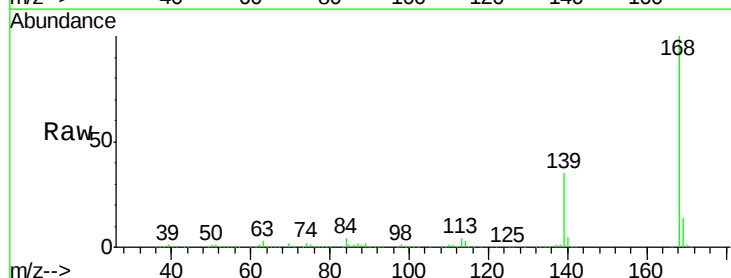
Tgt Ion:168 Resp: 1513768

Ion Ratio Lower Upper

168 100

139 34.9 28.0 42.0

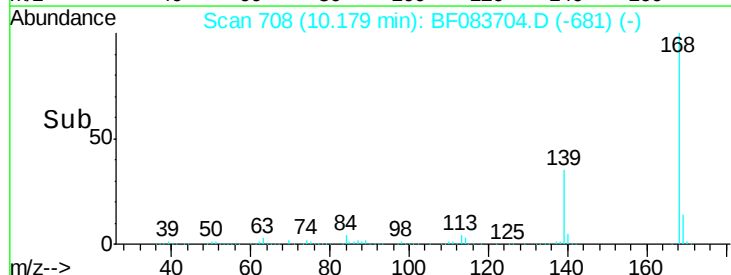
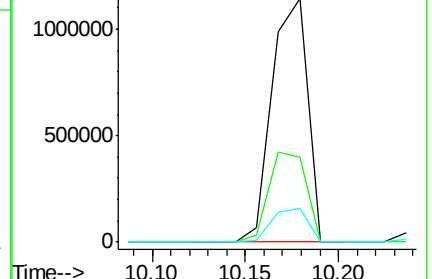
169 13.7 10.8 16.2

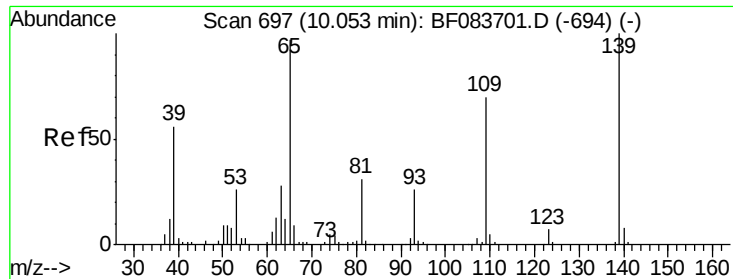


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

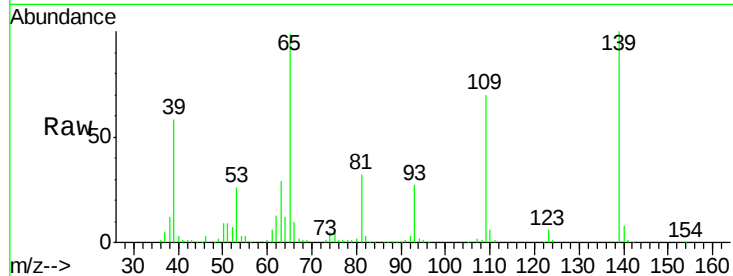




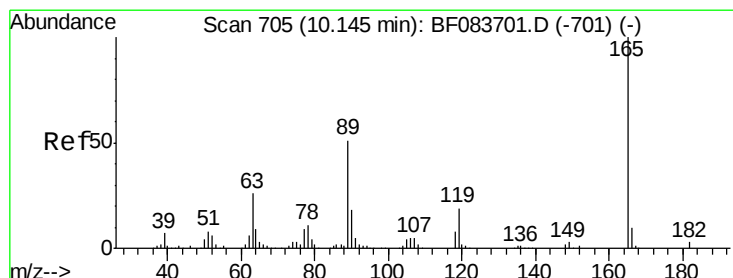
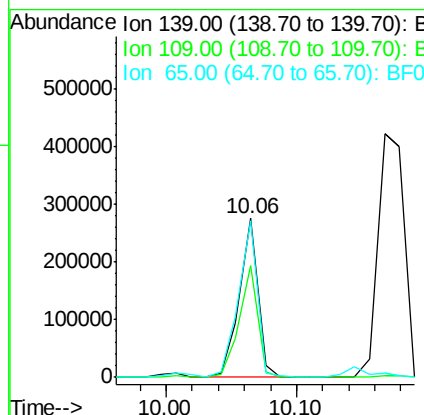
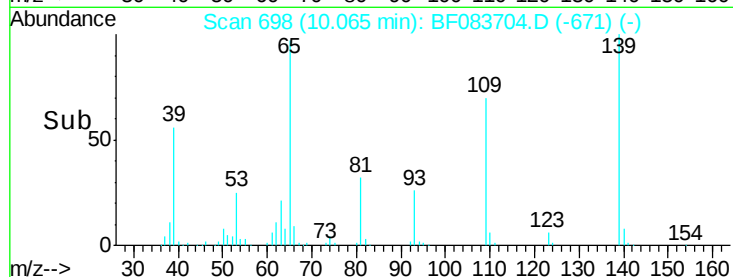
#55
4-Nitrophenol
Concen: 86.09 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 273076
Ion Ratio Lower Upper
139 100
109 70.1 42.0 82.0
65 98.7 89.2 129.2

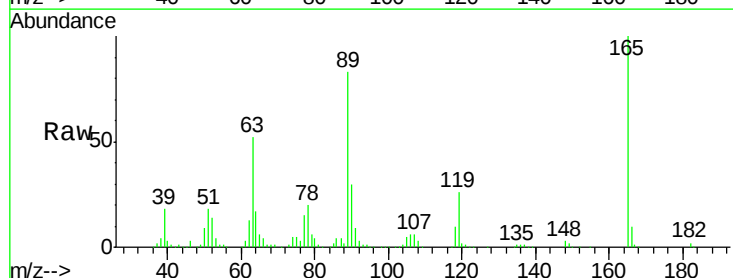


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

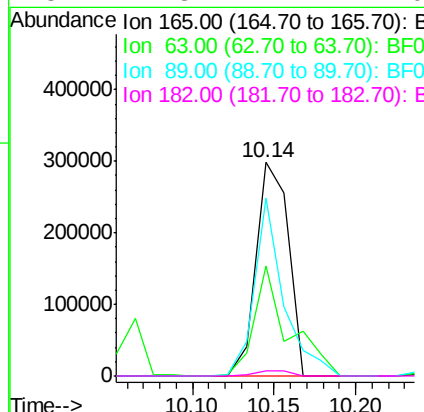
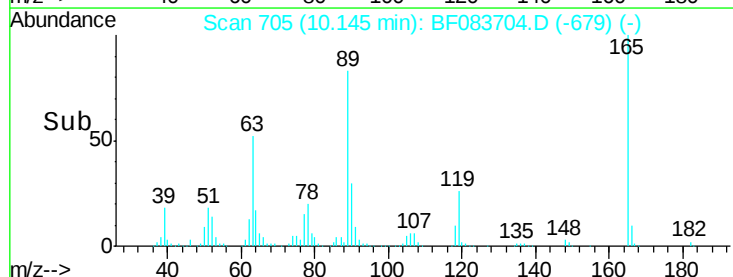


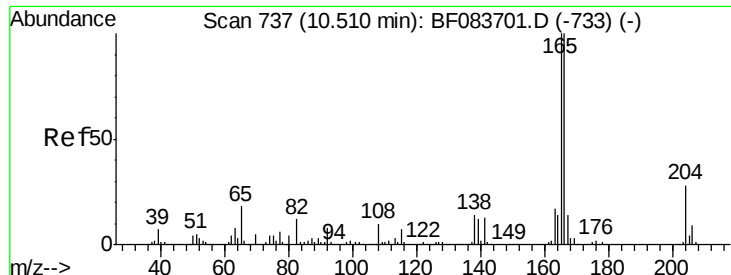
#56
2,4-Dinitrotoluene
Concen: 102.17 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:165 Resp: 409753
Ion Ratio Lower Upper
165 100
63 51.5 51.4 77.2
89 83.4 72.6 108.8
182 2.3 1.4 2.0#



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

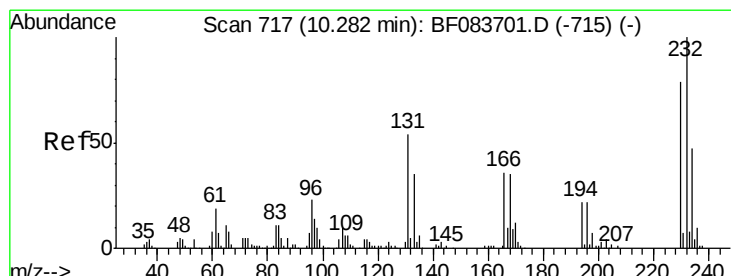
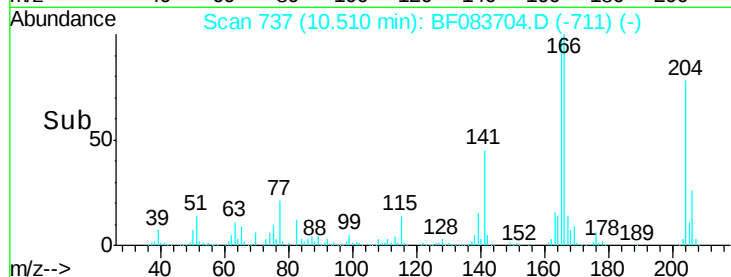
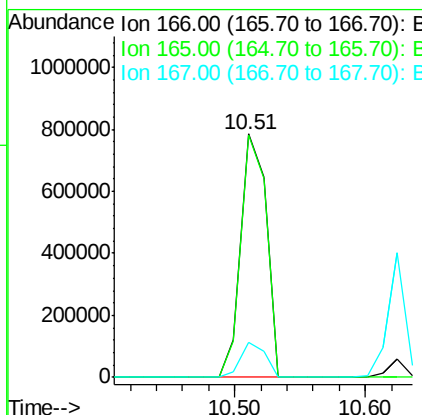
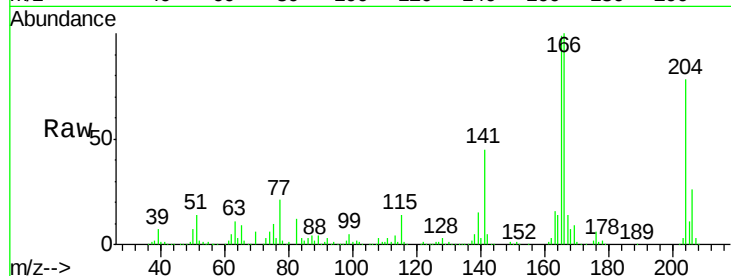




#57
 Fluorene
 Concen: 62.82 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

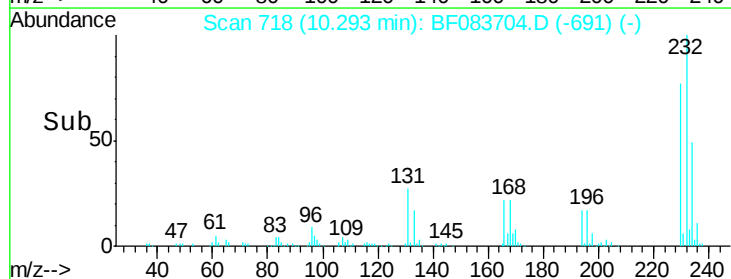
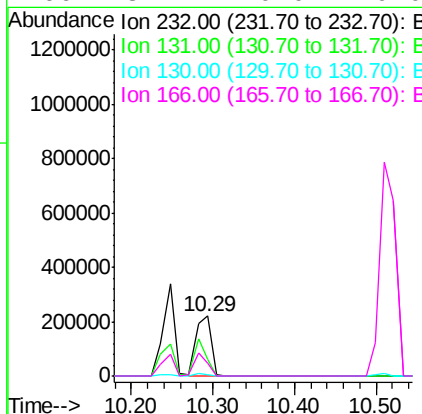
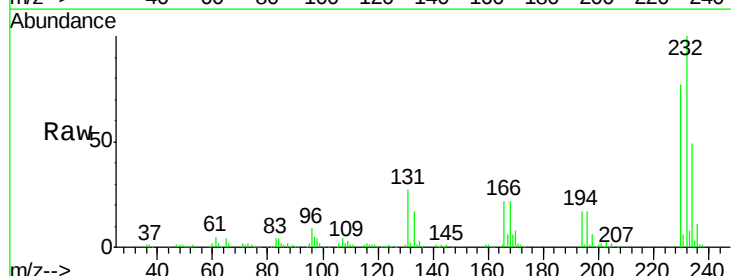
Instrument :
 BNA_F
 ClientSampled :

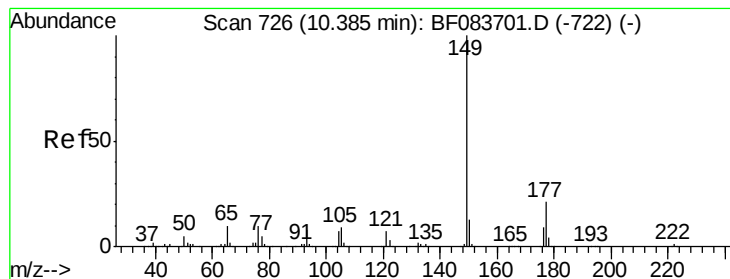
Tot Ion:166 Resp: 1067920
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.0 120.0
 167 14.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 77.75 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion:232 Resp: 289933
 Ion Ratio Lower Upper
 232 100
 131 48.8 0.0 0.0#
 130 2.5 0.0 0.0#
 166 32.7 0.0 0.0#





#59

Diethylphthalate

Concen: 75.65 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

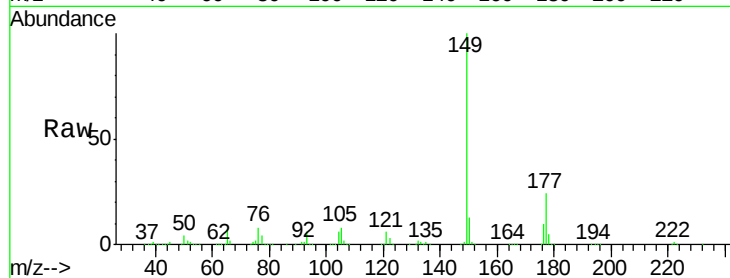
Tot Ion:149 Resp: 1336601

Ion Ratio Lower Upper

149 100

177 24.3 16.9 25.3

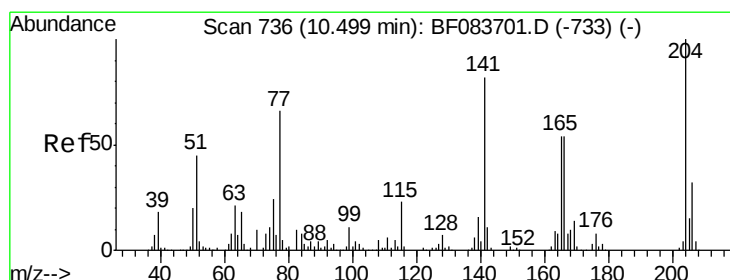
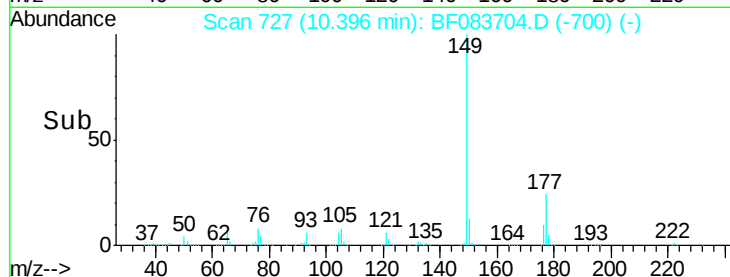
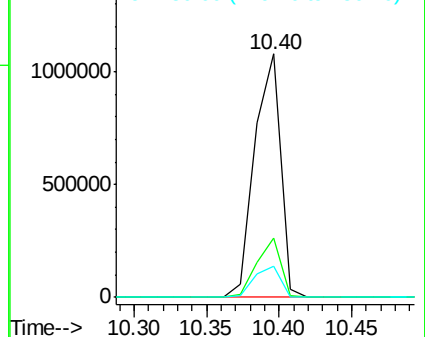
150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 72.33 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

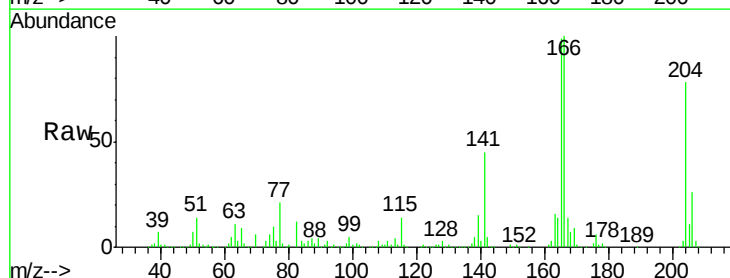
Tgt Ion:204 Resp: 576621

Ion Ratio Lower Upper

204 100

206 33.7 27.3 40.9

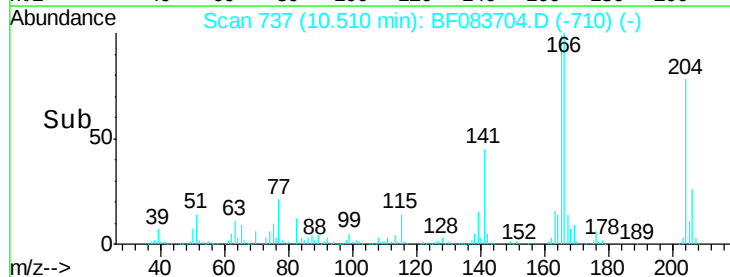
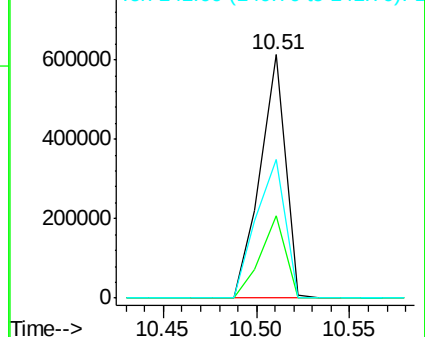
141 57.0 51.9 77.9

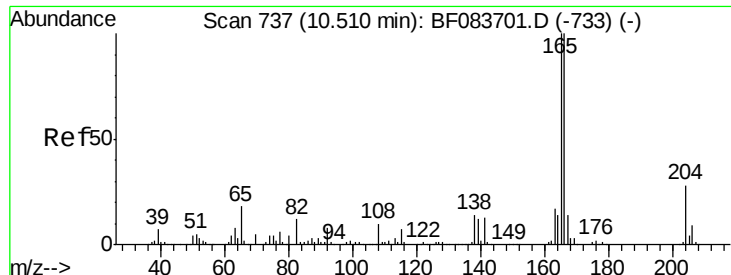


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

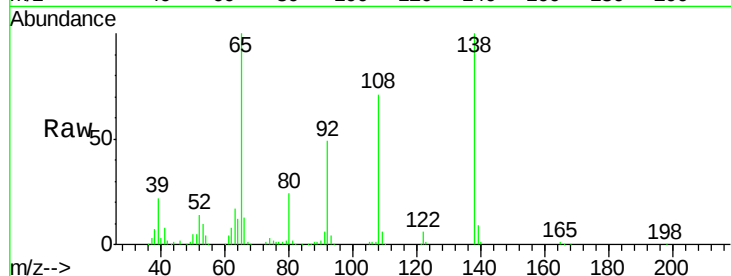




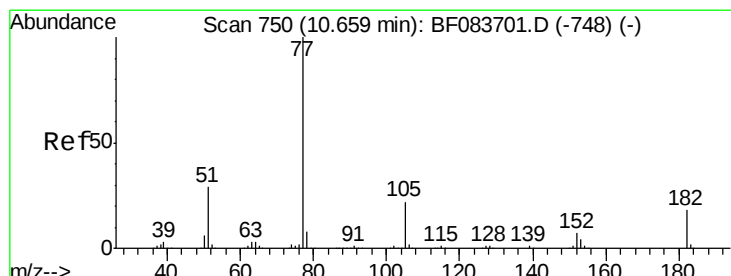
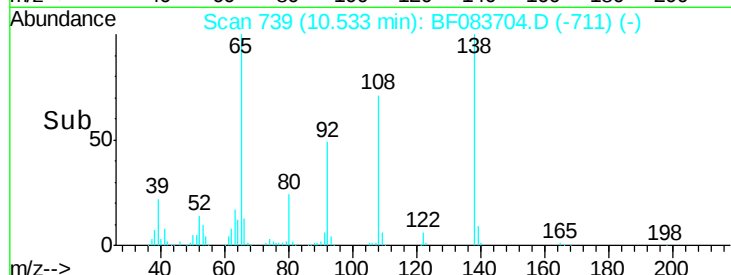
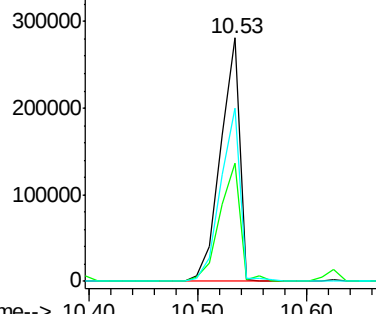
#61
4-Nitroaniline
Concen: 102.19 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.02 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 345188
Ion Ratio Lower Upper
138 100
92 48.7 29.0 69.0
108 71.2 47.4 87.4

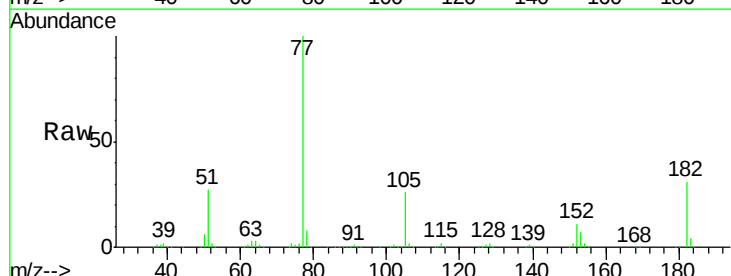


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

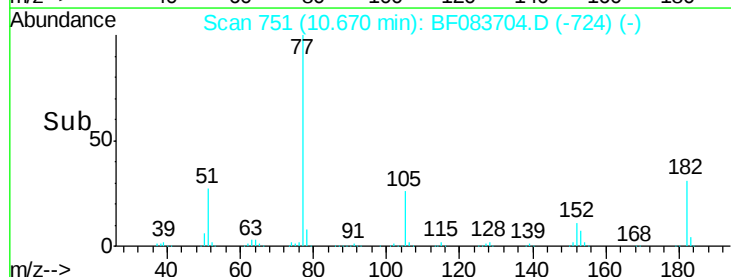
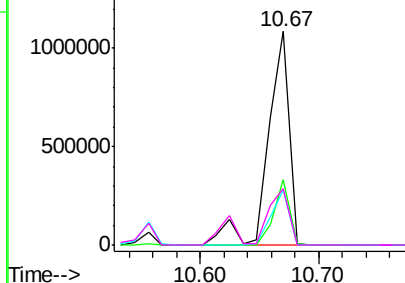


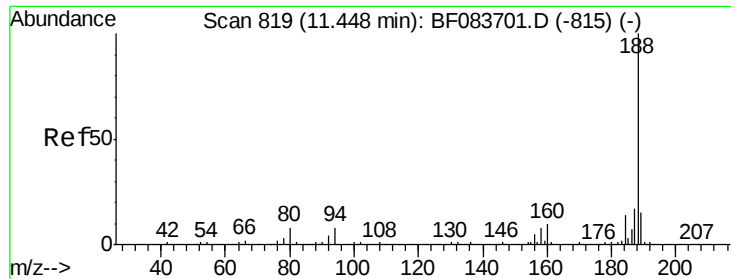
#62
Azobenzene
Concen: 80.50 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion: 77 Resp: 1342366
Ion Ratio Lower Upper
77 100
182 30.6 2.5 42.5
105 25.9 2.1 42.1
51 26.6 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

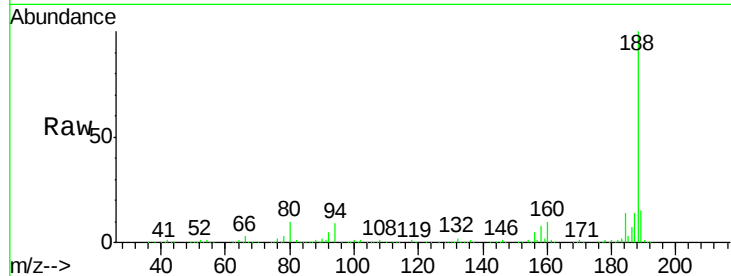




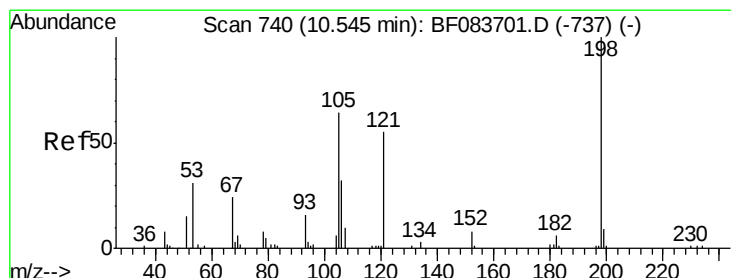
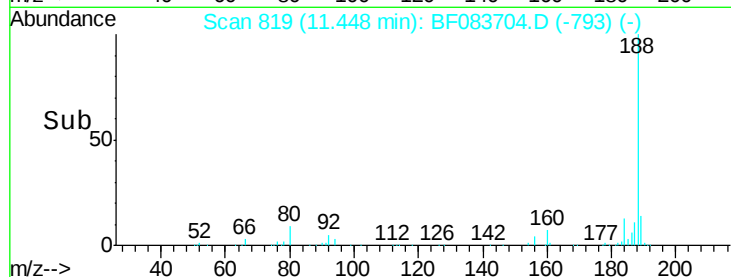
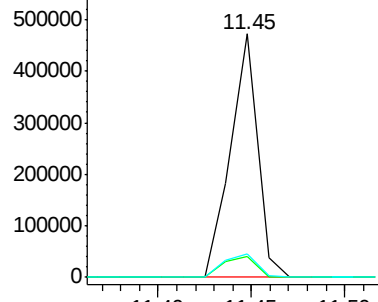
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 476336
Ion Ratio Lower Upper
188 100
94 8.8 9.4 14.2#
80 9.6 10.6 16.0#

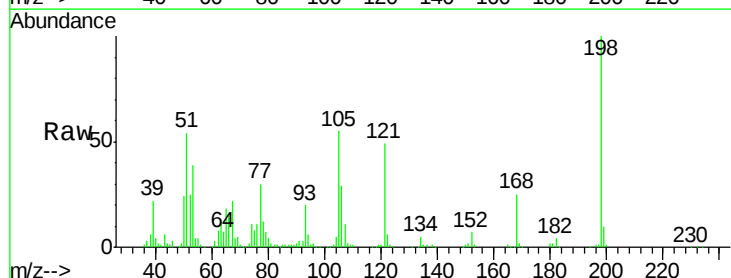


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

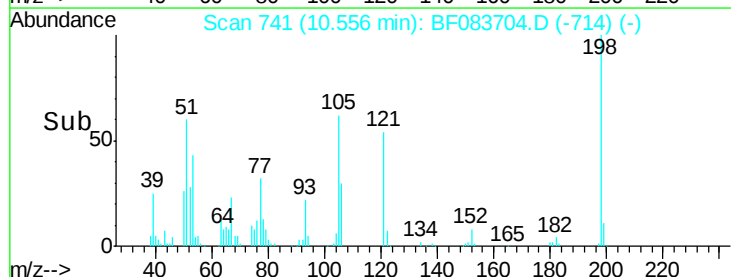
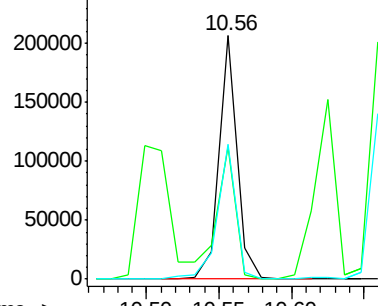


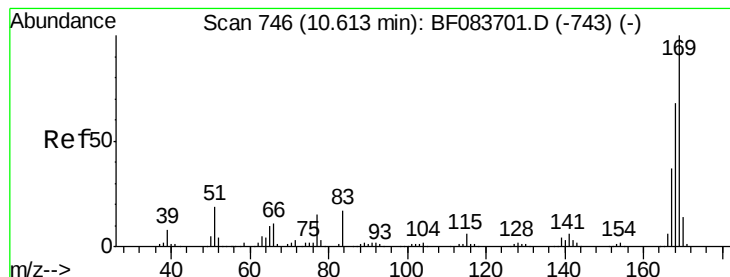
#64
4,6-Dinitro-2-methylphenol
Concen: 118.36 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:198 Resp: 177624
Ion Ratio Lower Upper
198 100
51 54.4 53.8 93.8
105 55.3 38.6 78.6



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

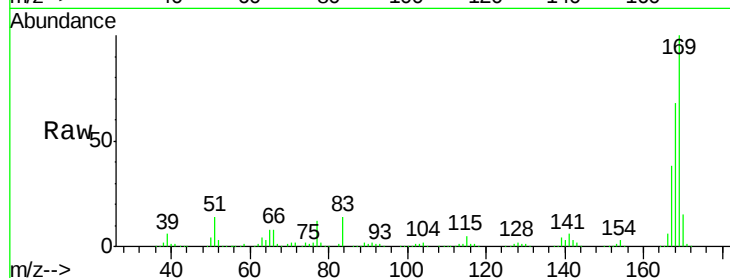




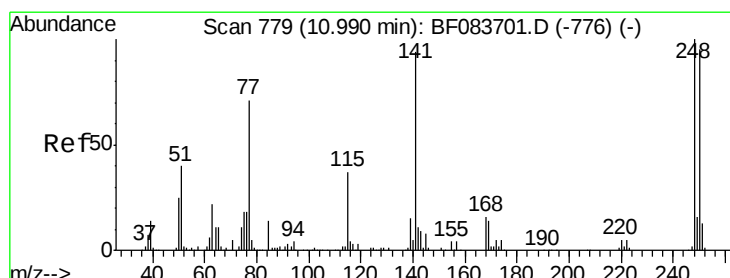
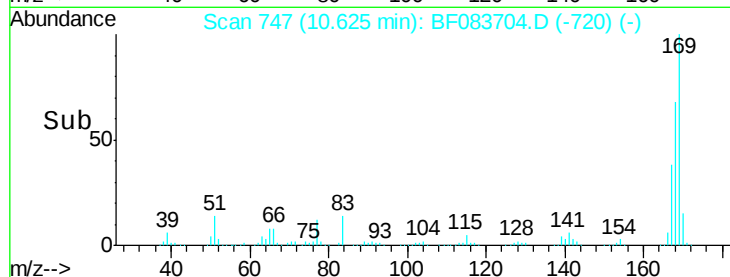
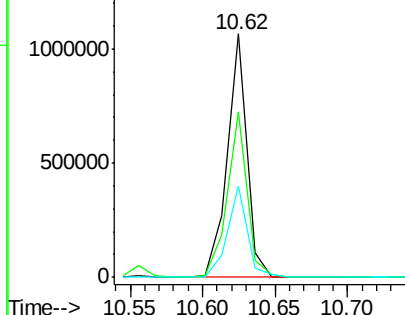
#65
 n-Nitrosodiphenylamine
 Concen: 61.15 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1000648
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.0 79.6
 167 37.7 29.3 43.9

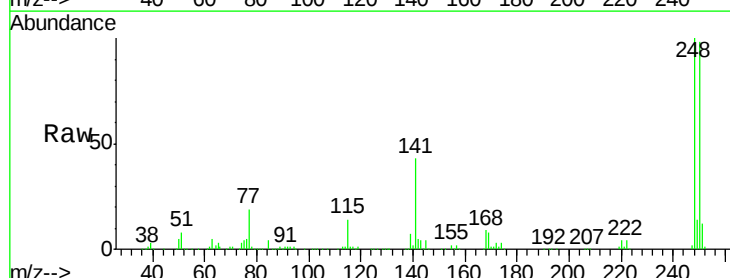


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

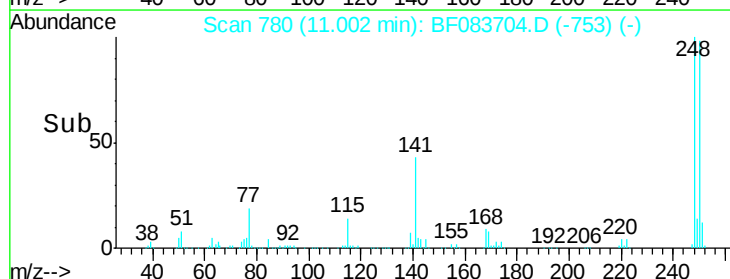
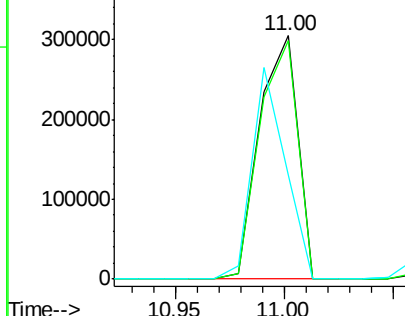


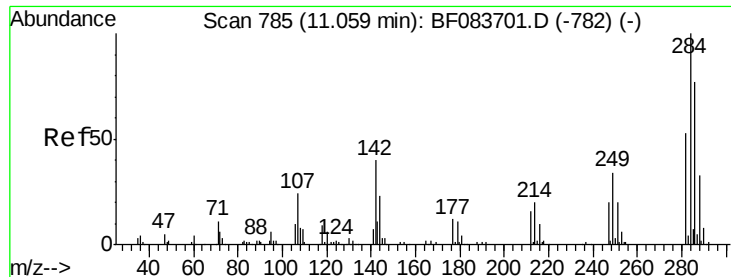
#66
 4-Bromophenyl-phenylether
 Concen: 73.05 ng
 RT: 11.00 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion:248 Resp: 376569
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.2 118.8
 141 43.0 58.2 87.4#



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

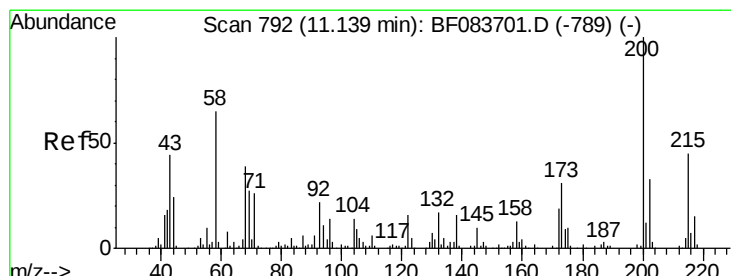
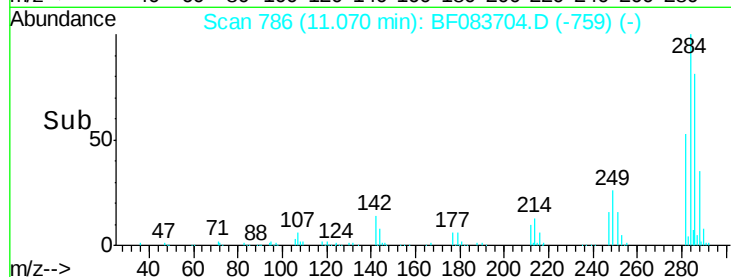
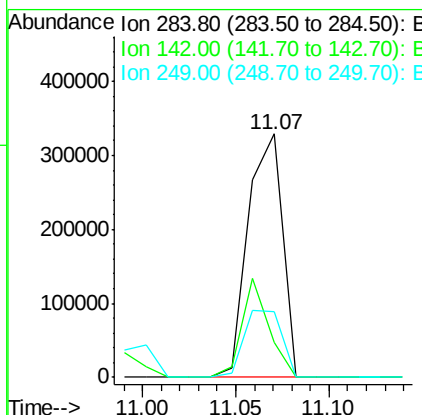
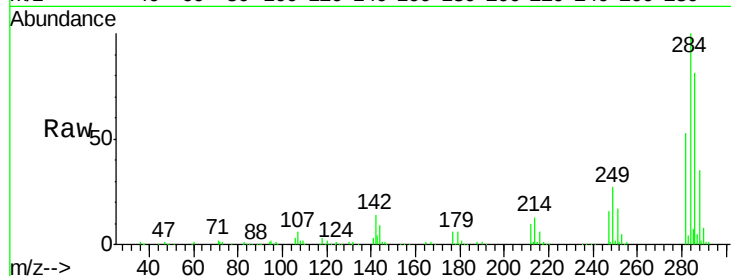




#67
Hexachlorobenzene
Concen: 74.82 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

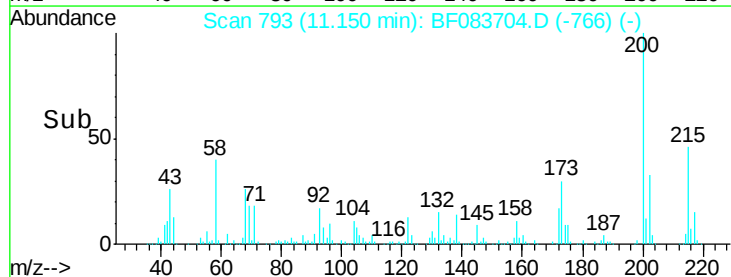
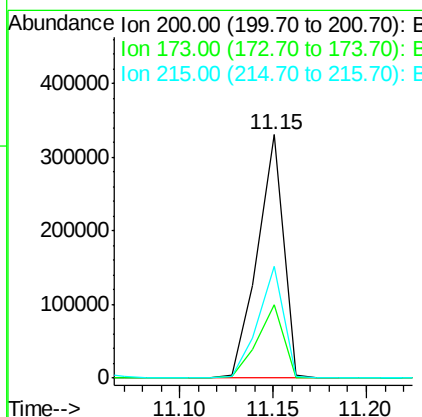
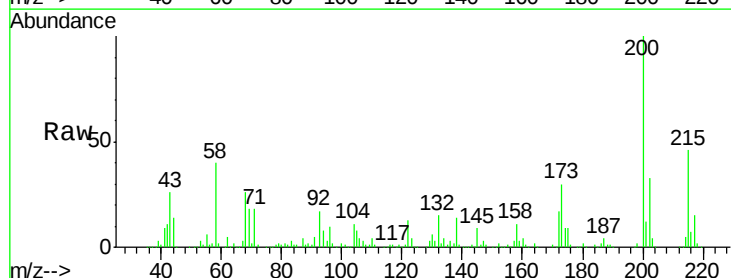
Instrument :
BNA_F
ClientSampleId :

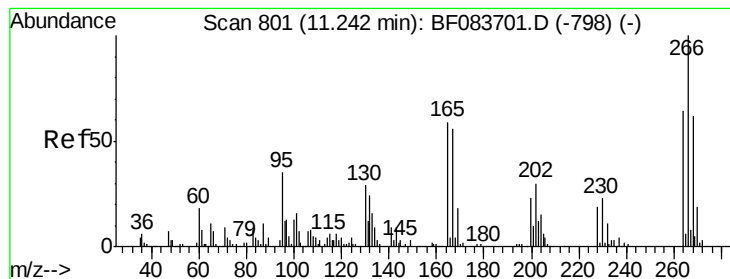
Tot Ion:284 Resp: 418802
Ion Ratio Lower Upper
284 100
142 14.2 31.0 46.4#
249 26.8 26.9 40.3#



#68
Atrazine
Concen: 69.42 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:200 Resp: 319087
Ion Ratio Lower Upper
200 100
173 29.9 7.8 47.8
215 46.0 25.7 65.7





#69

Pentachlorophenol

Concen: 89.64 ng

RT: 11.25 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

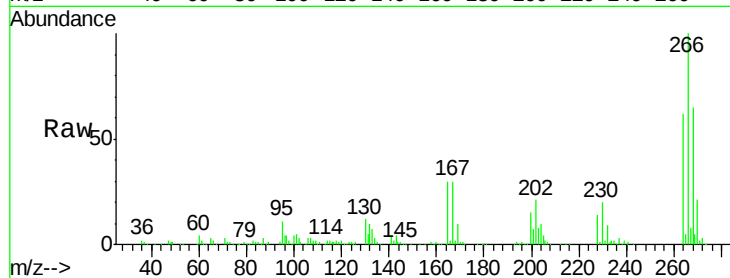
Tot Ion:266 Resp: 272737

Ion Ratio Lower Upper

266 100

268 65.1 50.2 75.2

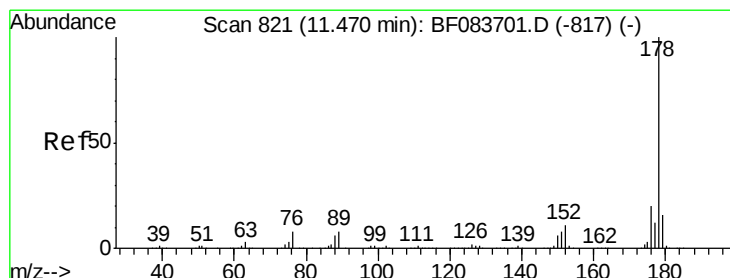
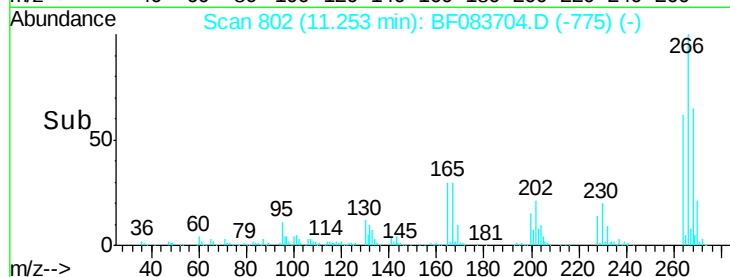
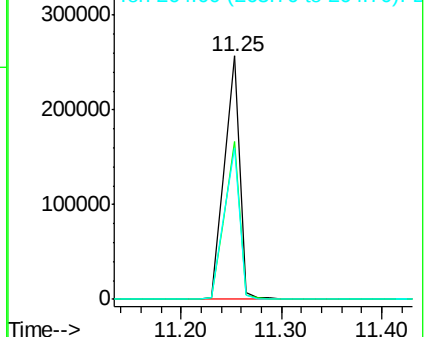
264 62.4 51.4 77.2



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: 58.02 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

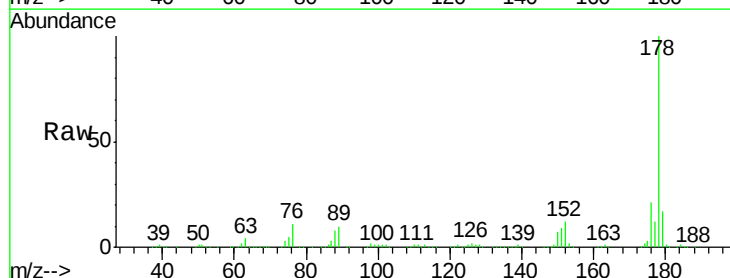
Tgt Ion:178 Resp: 1570217

Ion Ratio Lower Upper

178 100

176 21.2 15.7 23.5

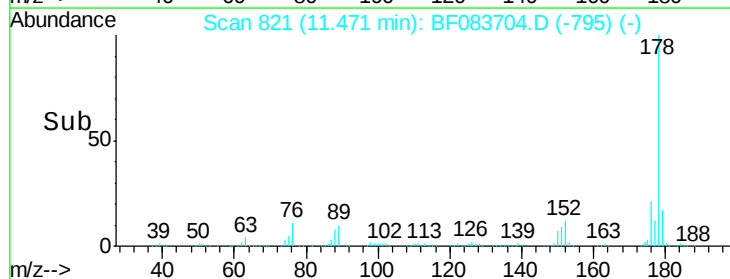
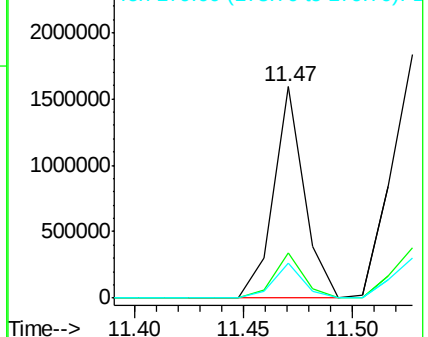
179 16.8 12.2 18.4

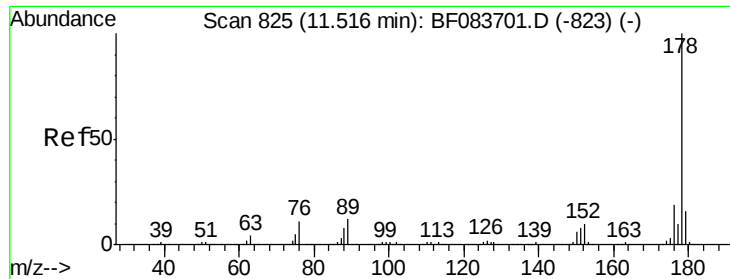


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

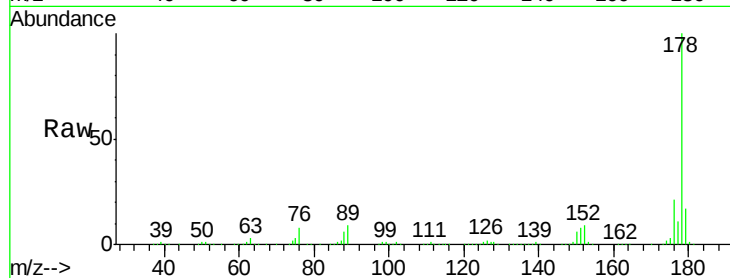




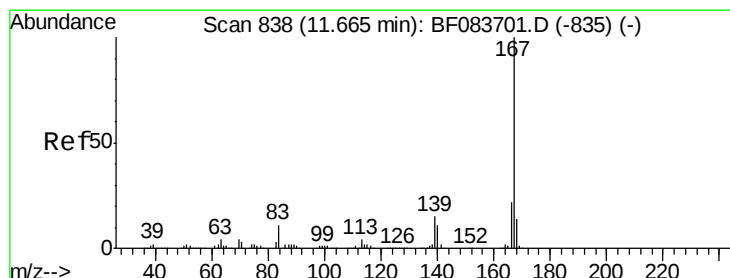
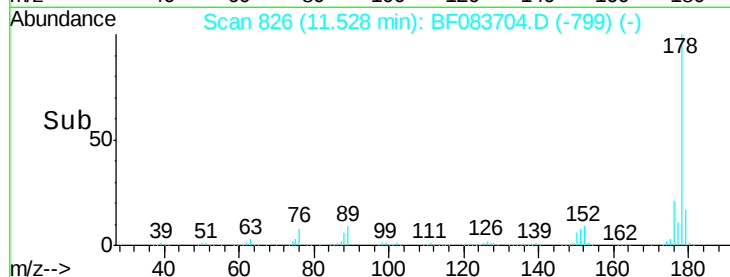
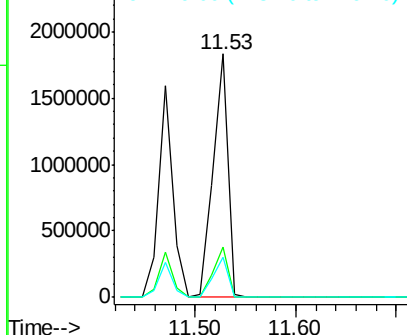
#71
 Anthracene
 Concen: 68.33 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1873203
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.2 22.8
 179 16.6 12.6 18.8

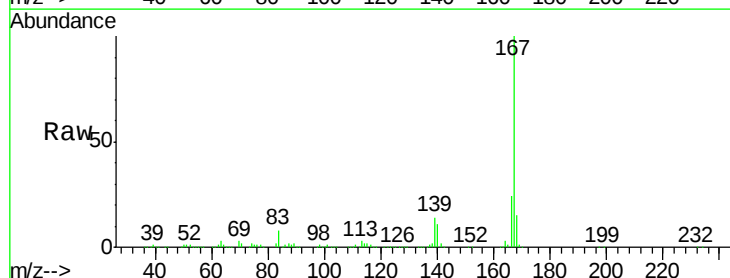


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

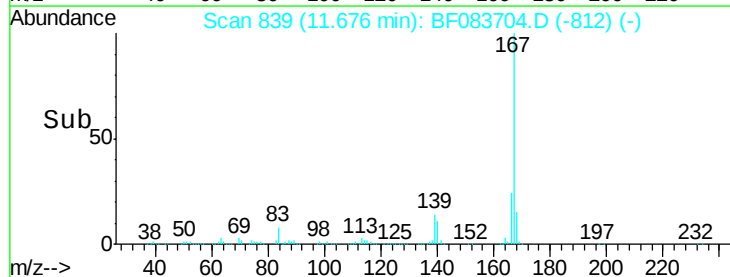
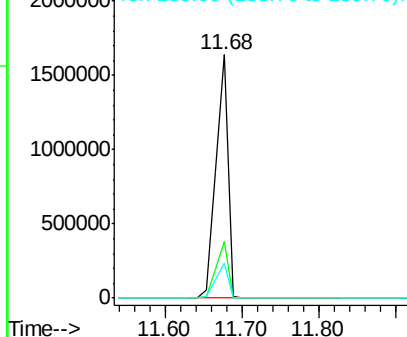


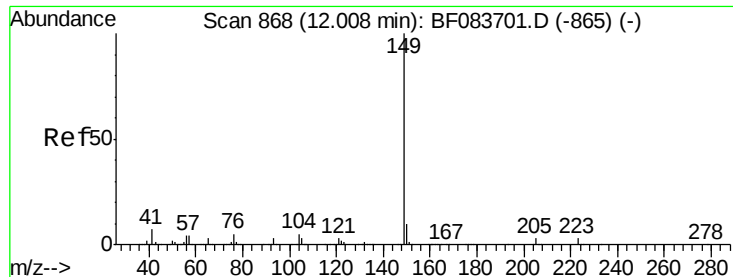
#72
 Carbazole
 Concen: 70.17 ng
 RT: 11.68 min Scan# 839
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion:167 Resp: 1759933
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.2 25.8
 139 14.2 9.3 13.9#



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: 61.41 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

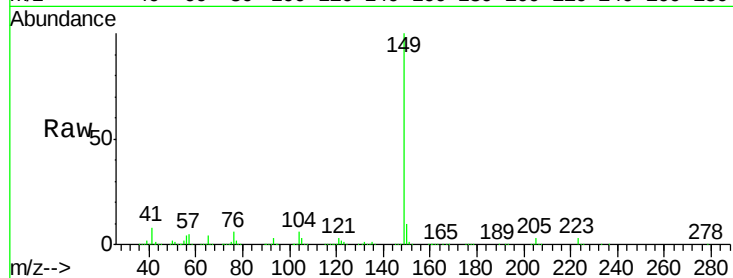
Tot Ion:149 Resp: 1705673

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

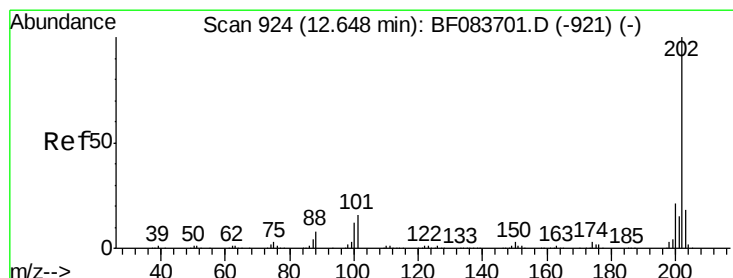
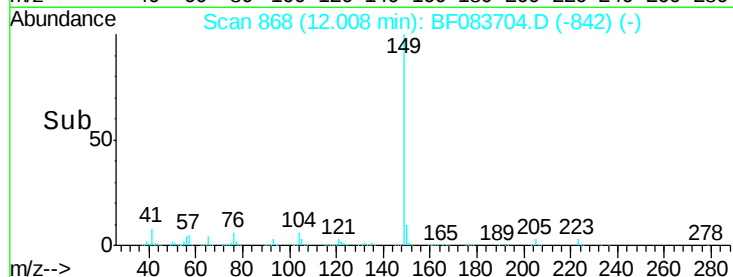
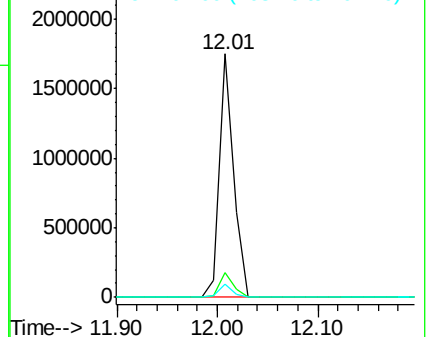
104 5.6 3.9 5.9



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: 68.77 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

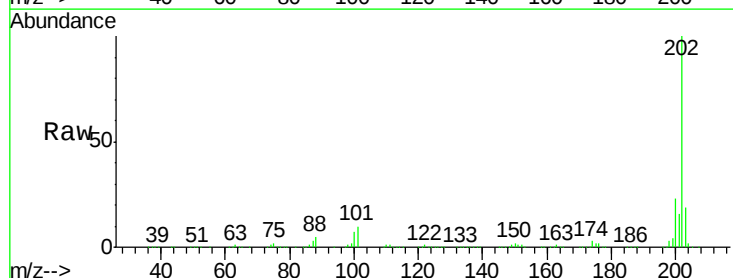
Tgt Ion:202 Resp: 1909573

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.5

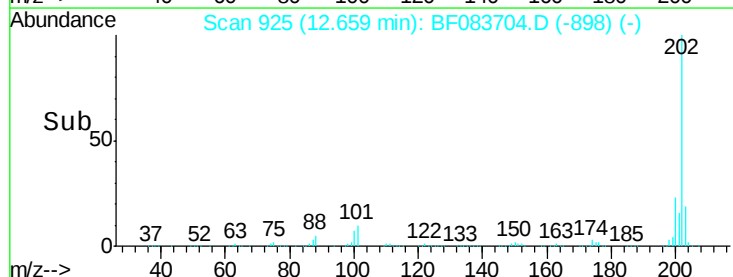
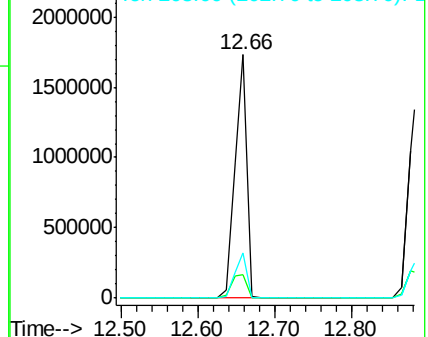
203 18.8 0.0 37.6

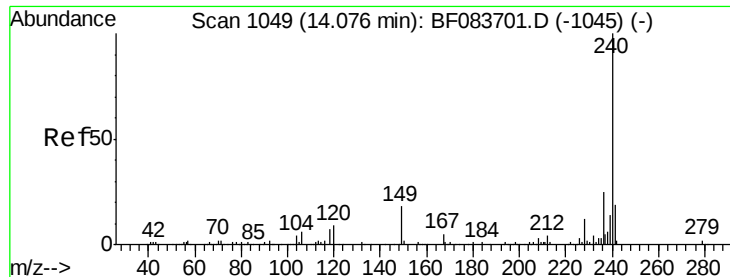


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampled :

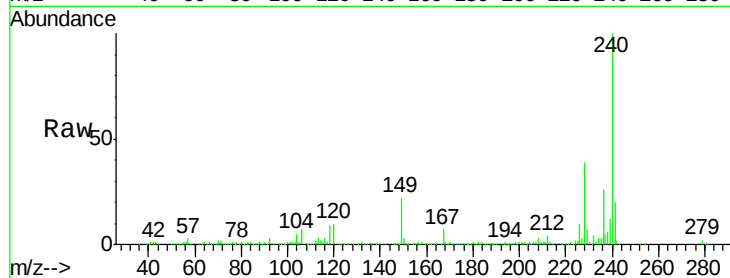
Tot Ion:240 Resp: 300717

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

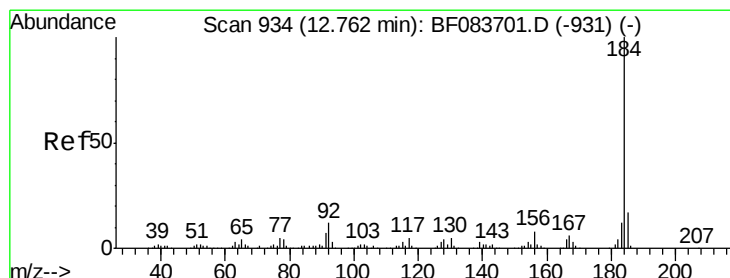
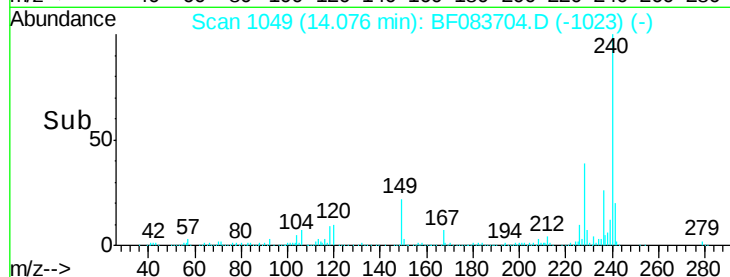
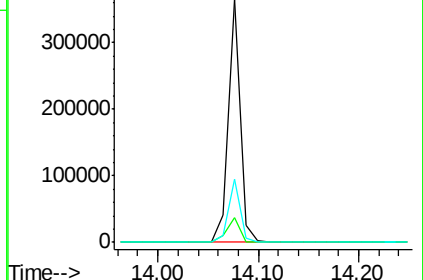
236 25.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 67.74 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

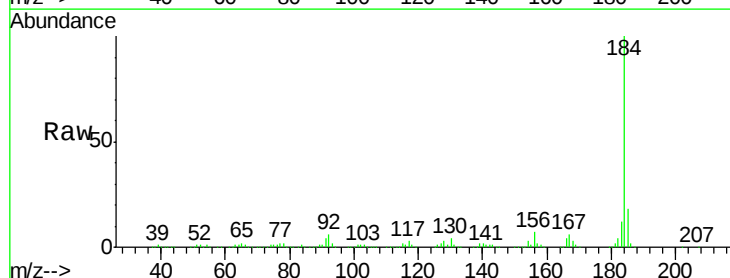
Tgt Ion:184 Resp: 802919

Ion Ratio Lower Upper

184 100

185 18.0 13.0 19.6

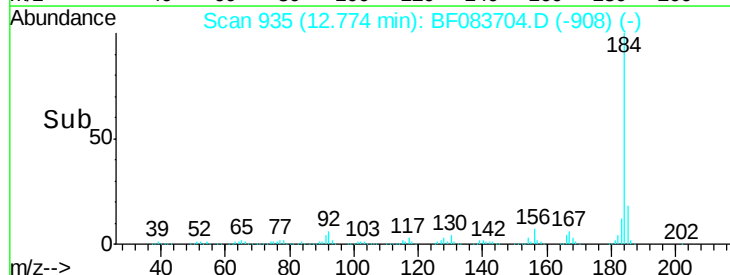
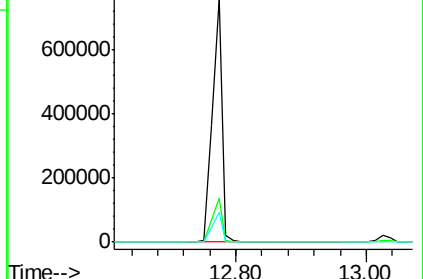
183 12.3 9.0 13.4

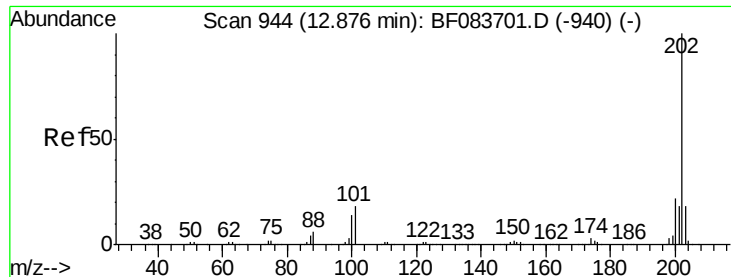


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

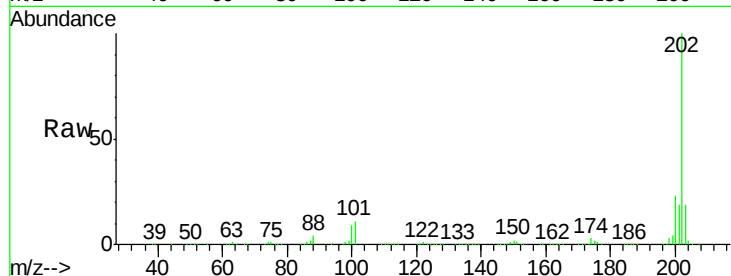




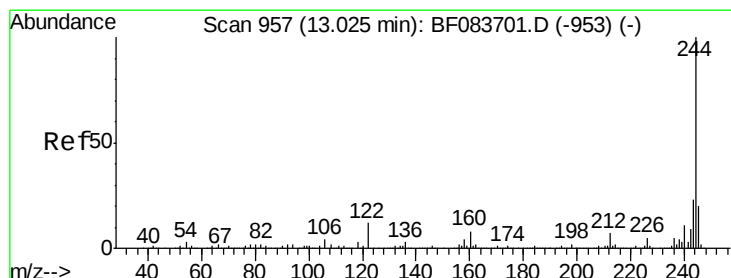
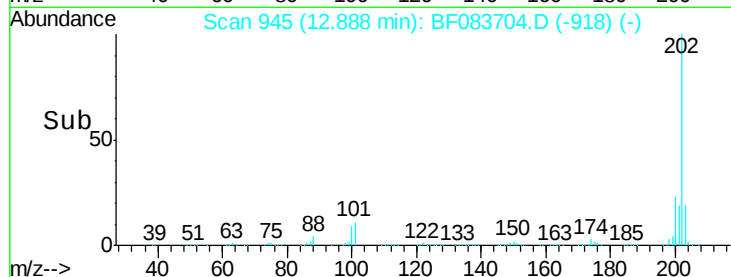
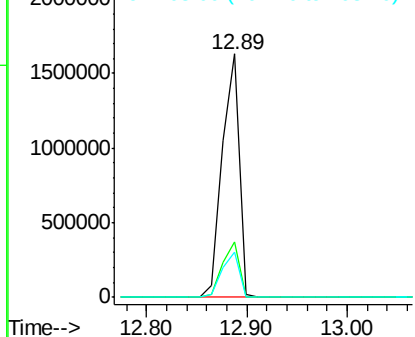
#77
Pvrene
Concen: 80.72 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1911480
Ion Ratio Lower Upper
202 100
200 22.6 16.7 25.1
203 18.6 14.3 21.5

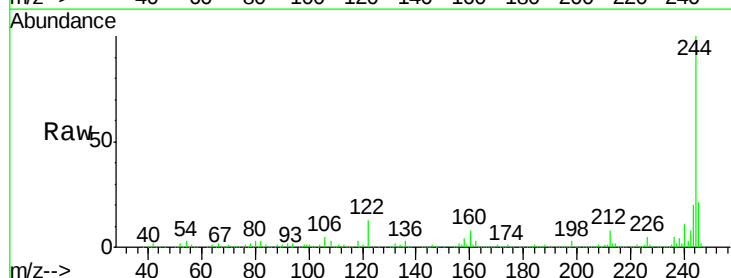


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

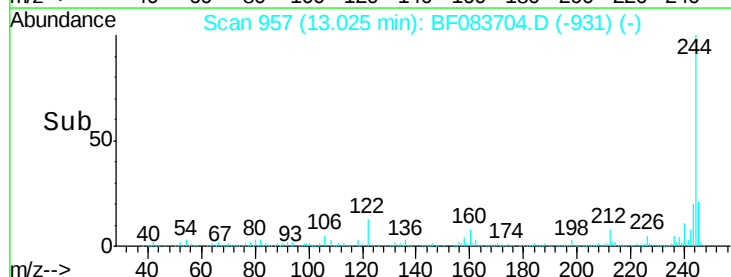
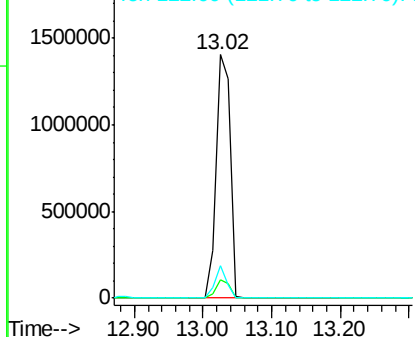


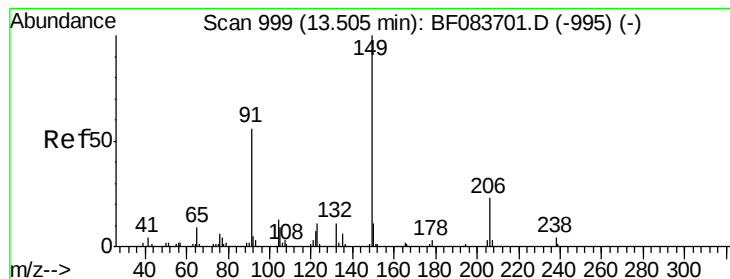
#78
Terphenyl-d14
Concen: 75.33 ng
RT: 13.02 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:244 Resp: 2034427
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.5 11.0 16.6



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: 88.70 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

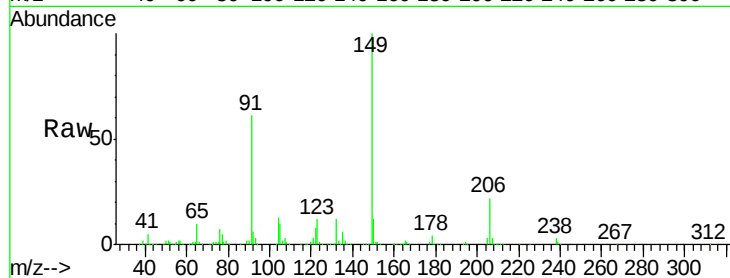
Tot Ion:149 Resp: 663902

Ion Ratio Lower Upper

149 100

91 61.2 60.0 90.0

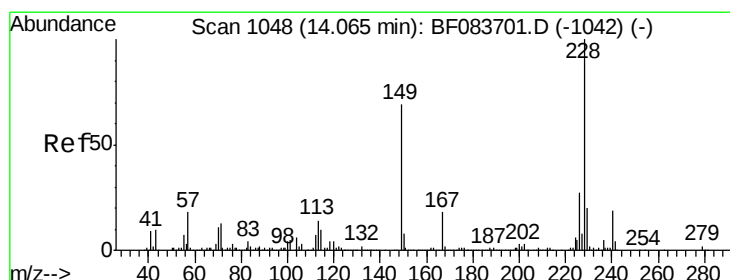
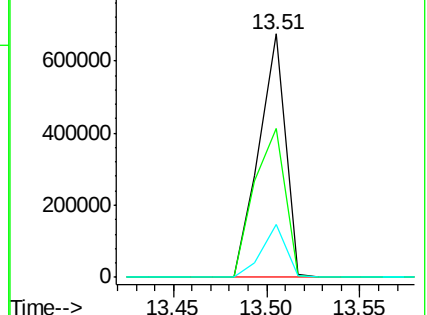
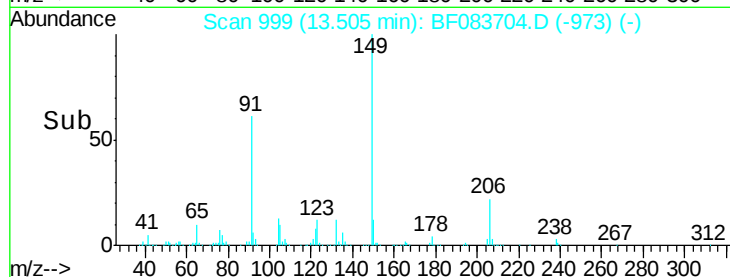
206 21.8 16.2 24.4



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: 70.90 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

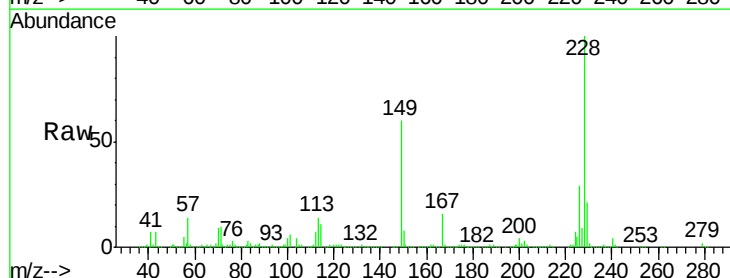
Tgt Ion:228 Resp: 1281907

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

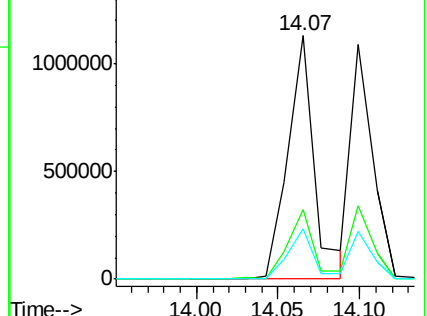
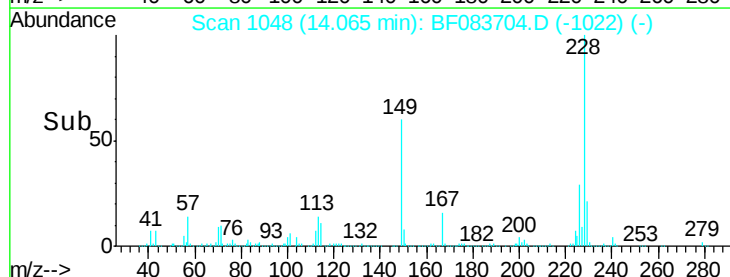
229 20.7 15.7 23.5

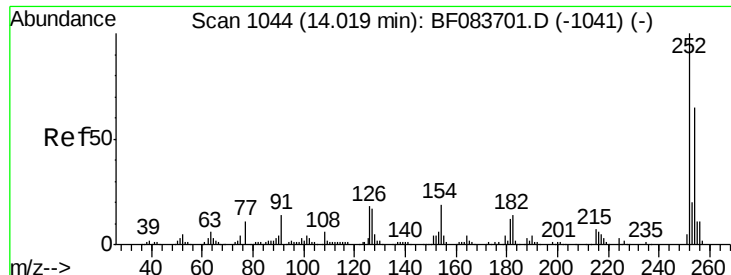


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

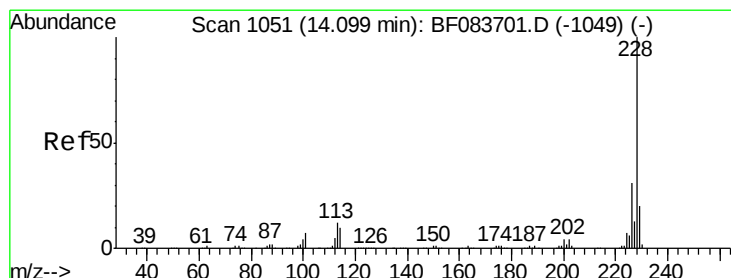
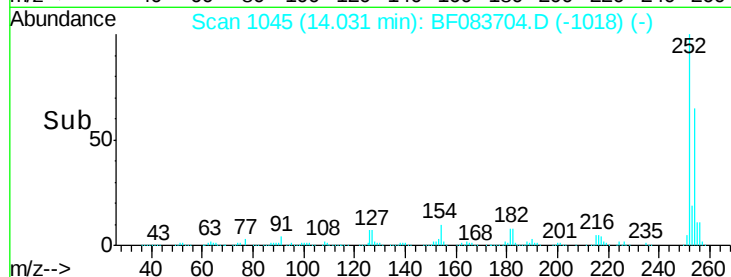
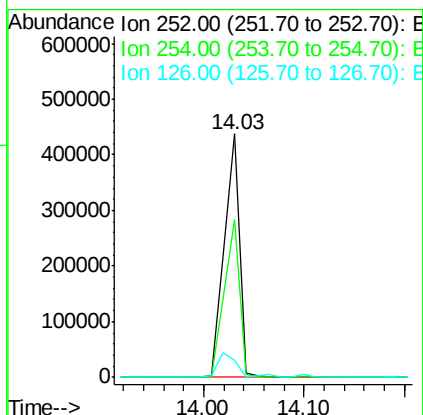
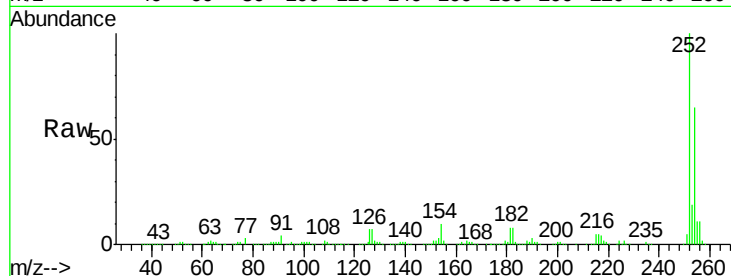




#81
 3,3'-Dichlorobenzidine
 Concen: 82.97 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

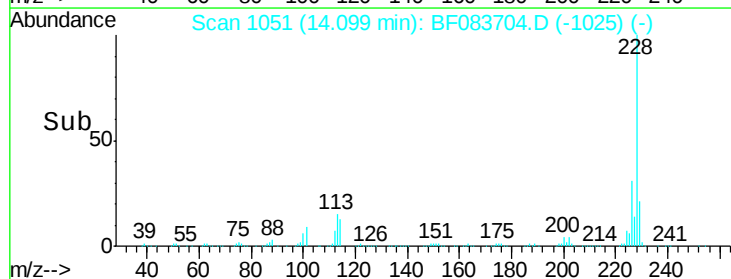
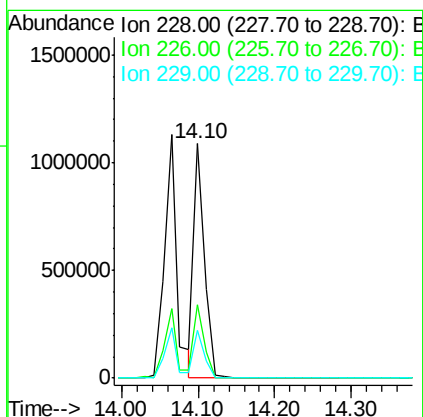
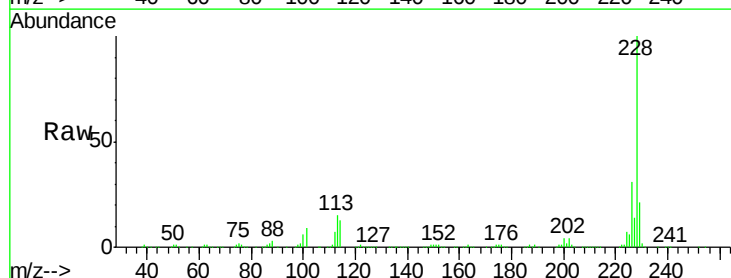
Instrument :
 BNA_F
 ClientSampled :

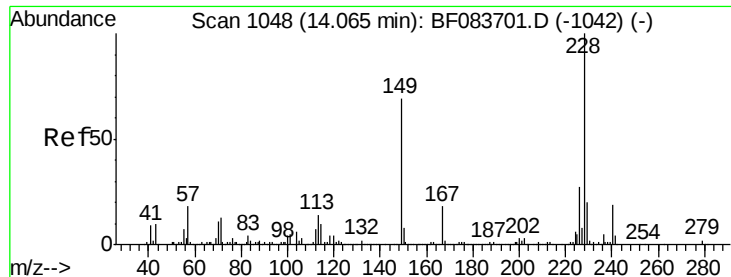
Tot Ion:252 Resp: 462129
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.6 76.0
 126 7.3 11.0 16.4#



#82
 Chrysene
 Concen: 60.38 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083704.D
 Acq: 11 Dec 2015 18:06

Tgt Ion:228 Resp: 1050720
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.7 37.1
 229 20.5 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 72.36 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

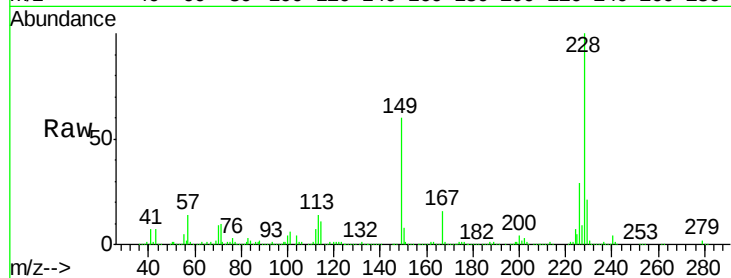
Tot Ion:149 Resp: 603205

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

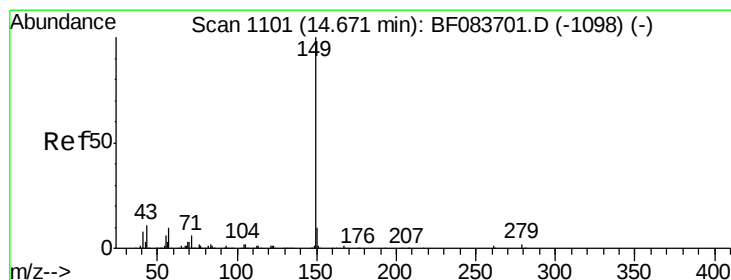
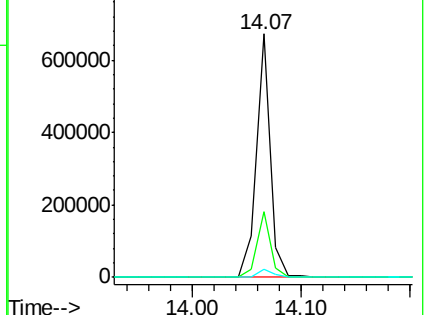
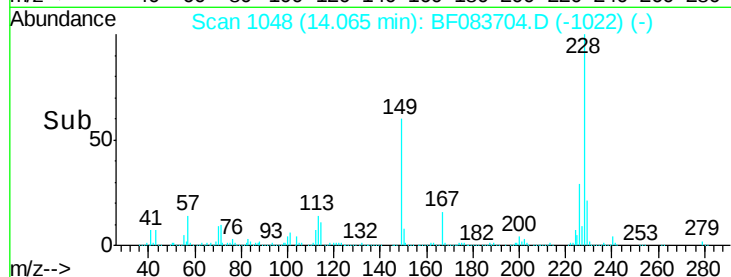
279 3.5 3.0 4.4



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: 94.04 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

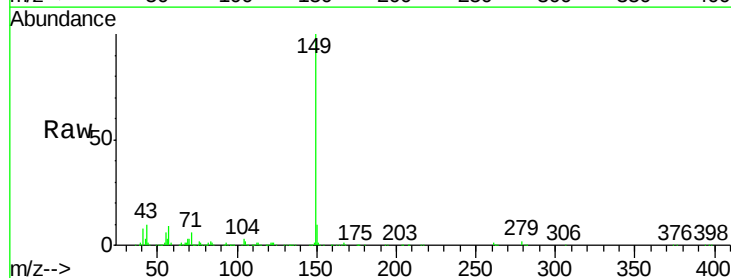
Tgt Ion:149 Resp: 1070947

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

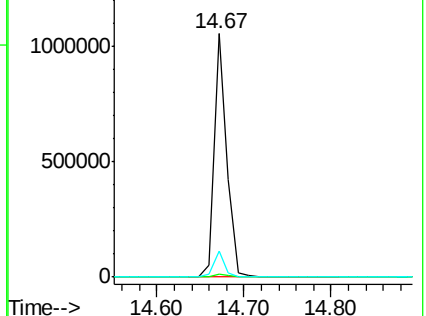
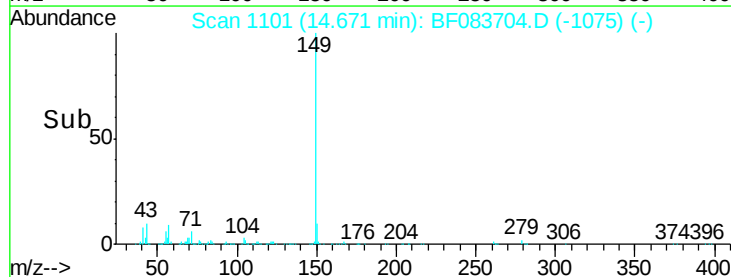
43 9.8 0.0 0.0#

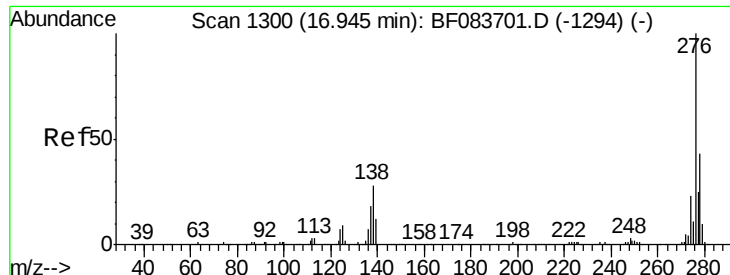


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

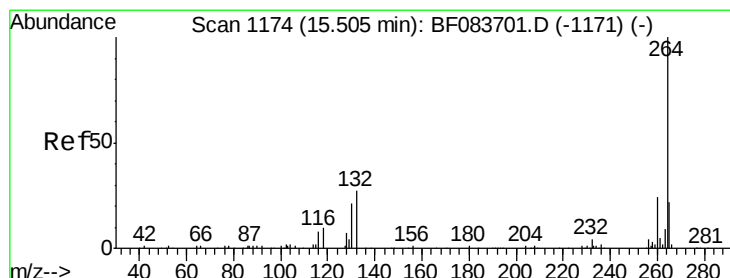
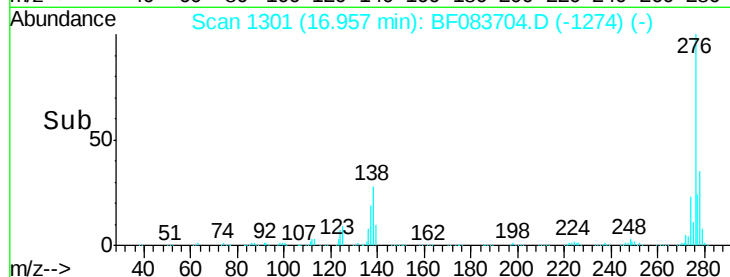
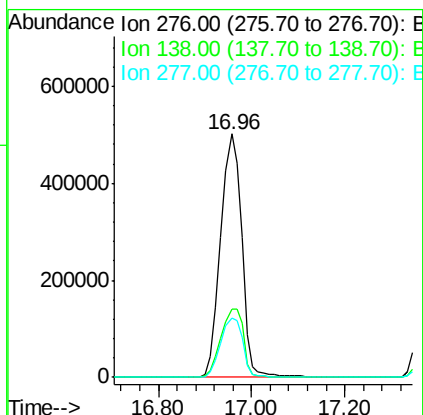
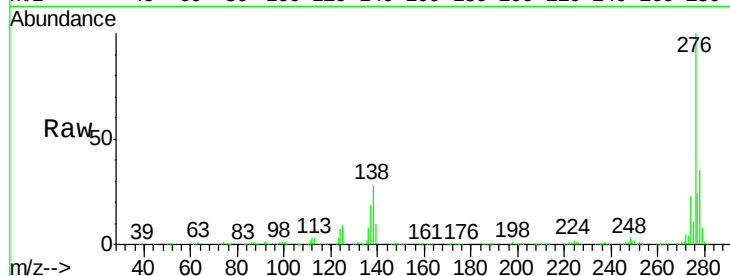




#85
Indeno(1,2,3-cd)pyrene
Concen: 101.99 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

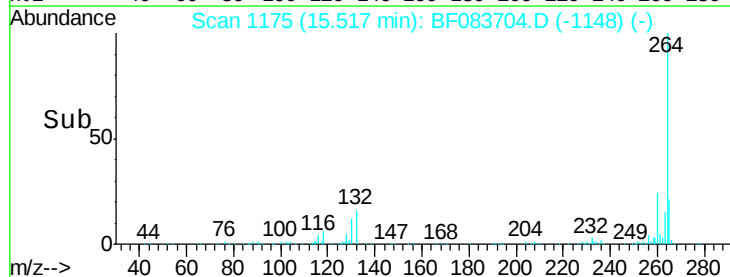
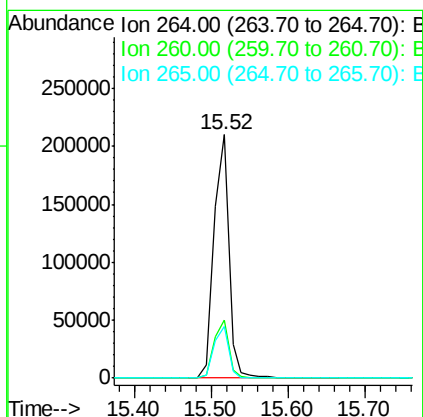
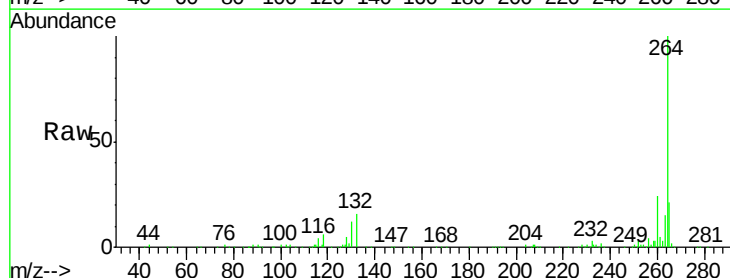
Instrument :
BNA_F
ClientSampleId :

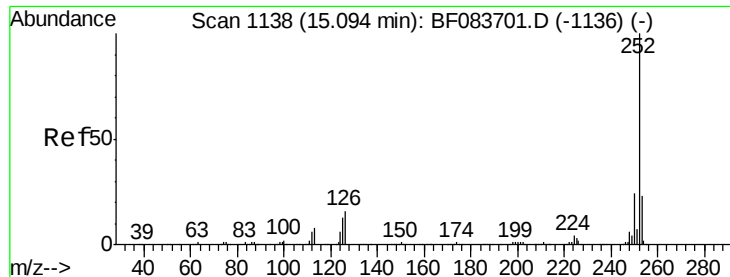
Tot Ion:276 Resp: 1581656
Ion Ratio Lower Upper
276 100
138 30.3 0.0 0.0#
277 25.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:264 Resp: 282319
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.1 17.8 26.6

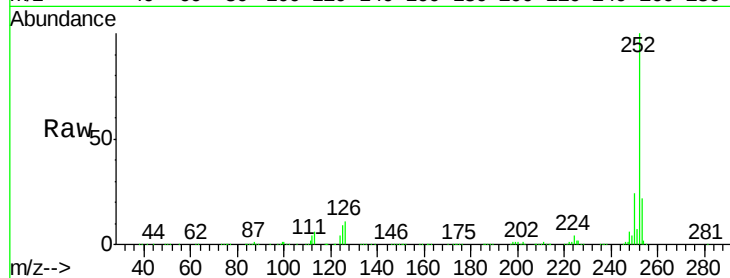




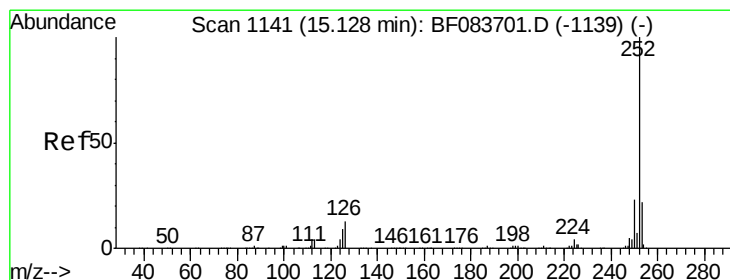
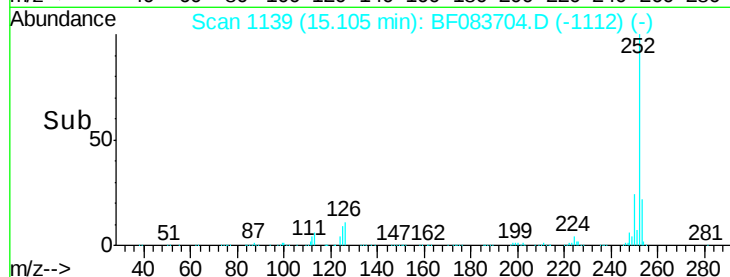
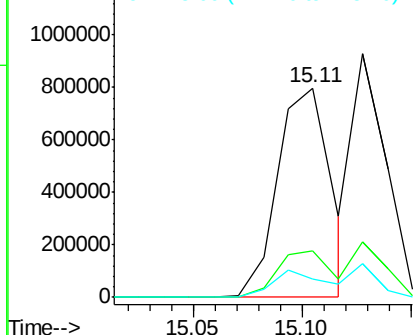
#87
Benzo(b)fluoranthene
Concen: 77.12 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1360152
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 8.6 8.2 12.4

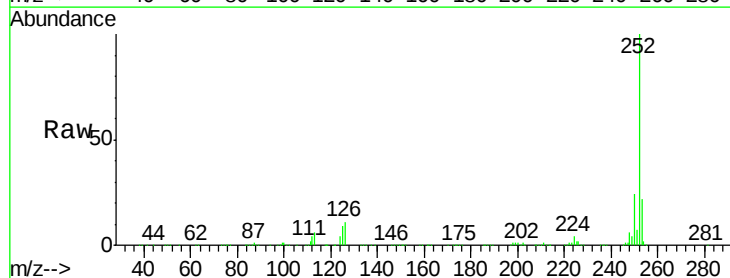


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

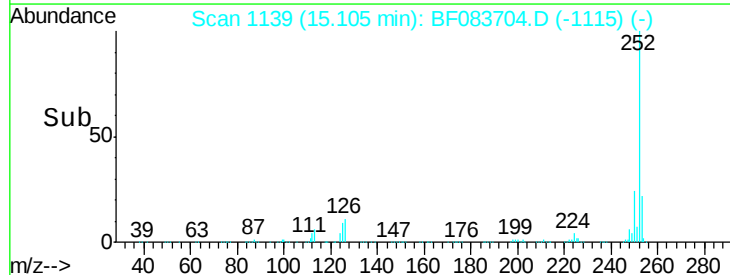
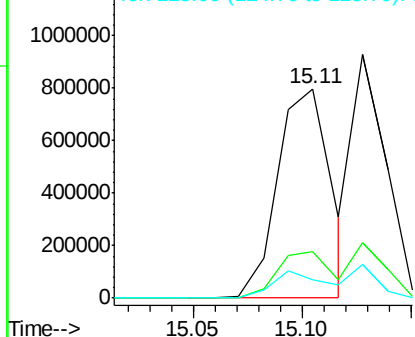


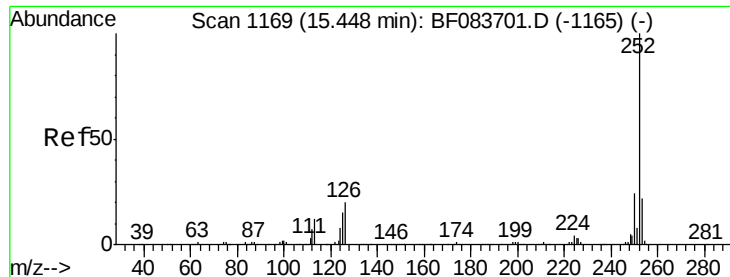
#88
Benzo(k)fluoranthene
Concen: 81.29 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:252 Resp: 1360152
Ion Ratio Lower Upper
252 100
253 22.3 18.6 27.8
125 8.6 11.5 17.3#



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

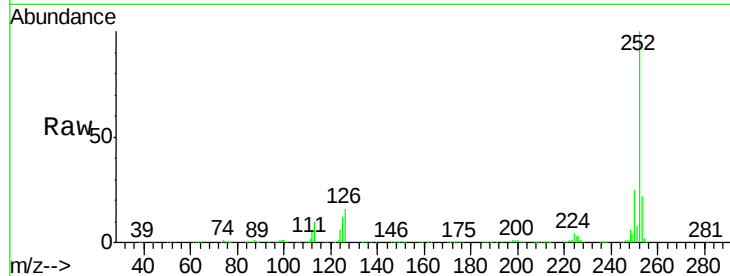




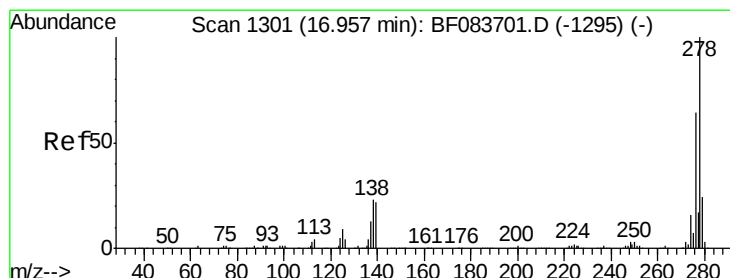
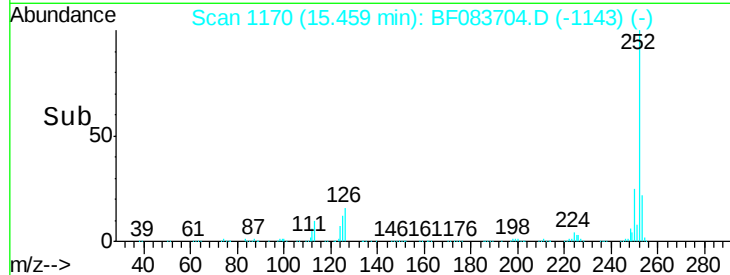
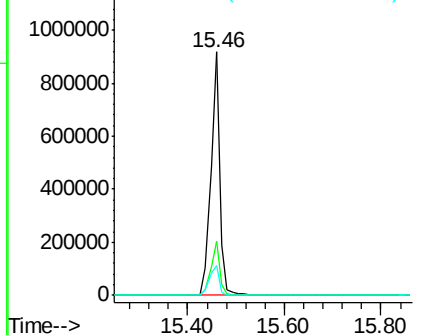
#89
Benzo(a)pyrene
Concen: 74.65 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1202580
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.4 11.0 16.6

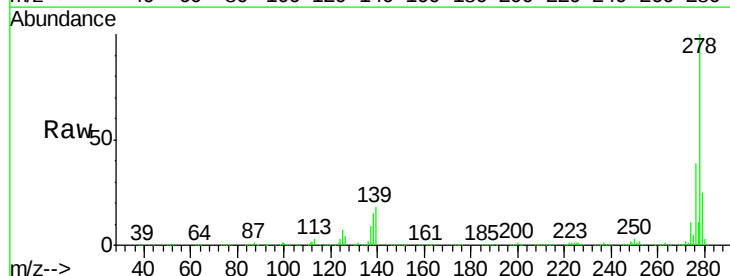


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

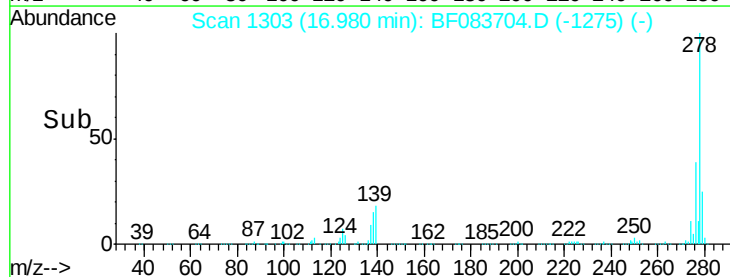
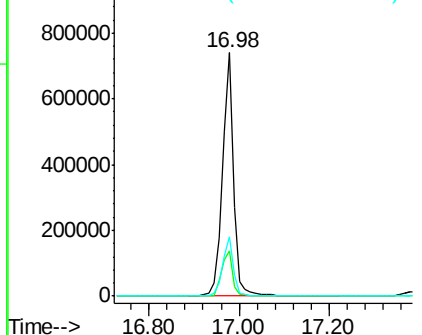


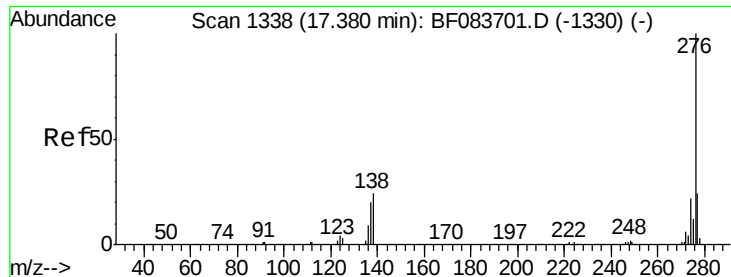
#90
Dibenzo(a,h)anthracene
Concen: 81.24 ng
RT: 16.98 min Scan# 1303
Delta R.T. 0.02 min
Lab File: BF083704.D
Acq: 11 Dec 2015 18:06

Tgt Ion:278 Resp: 1281389
Ion Ratio Lower Upper
278 100
139 18.4 12.8 19.2
279 24.6 18.6 28.0



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





#91

Benzo(a,h,i)perylene

Concen: 82.39 ng

RT: 17.39 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA_F

ClientSampleId :

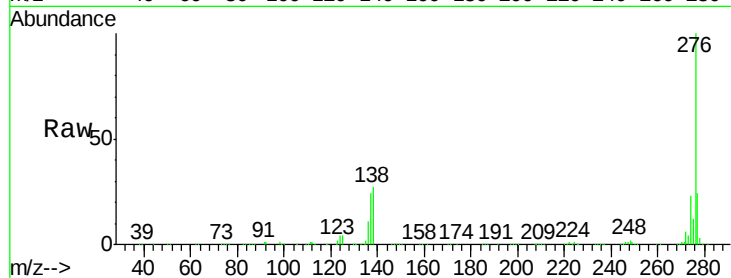
Tot Ion:276 Resp: 1367410

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 27.5 19.5 29.3



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

