

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083956.D
 Acq On : 19 Dec 2015 16:02
 Operator : UM/SJ
 Sample : PB87359BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

Quant Time: Dec 21 00:50:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55194	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	214984	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	106429	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	197347	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	181413	20.00	ng	-0.02
86) Perylene-d12	15.44	264	128919	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	340123	96.44	ng	-0.01
7) Phenol-d6	6.50	99	438826	101.65	ng	-0.01
23) Nitrobenzene-d5	7.41	82	275473	73.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	147336	125.66	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	577194	74.71	ng	-0.03
78) Terphenyl-d14	12.96	244	635299	81.63	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	40730	26.62	ng	97
3) Pyridine	3.23	79	119014	31.46	ng	99
4) n-Nitrosodimethylamine	3.17	42	51780	35.88	ng	96
6) Aniline	6.51	93	90305	16.24	ng	# 1
8) 2-Chlorophenol	6.64	128	142828	34.03	ng	96
9) Benzaldehyde	6.40	77	50483	19.41	ng	92
10) Phenol	6.51	94	173735	36.07	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	128435	35.10	ng	96
12) 1,3-Dichlorobenzene	6.80	146	150741	33.39	ng	97
13) 1,4-Dichlorobenzene	6.86	146	154672	33.56	ng	95
14) 1,2-Dichlorobenzene	7.02	146	148042	39.40	ng	95
15) Benzyl Alcohol	7.00	79	122363	37.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	128021	33.93	ng	83
17) 2-Methylphenol	7.12	107	116617	35.42	ng	94
18) Hexachloroethane	7.37	117	57592	34.05	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	90536	35.97	ng	# 86
20) 3+4-Methylphenols	7.28	107	150966	39.02	ng	# 46
22) Acetophenone	7.26	105	202619	39.15	ng	# 94
24) Nitrobenzene	7.44	77	155112	39.82	ng	92
25) Isophorone	7.68	82	265123	37.41	ng	98
26) 2-Nitrophenol	7.76	139	82452	40.89	ng	97
27) 2,4-Dimethylphenol	7.80	122	141105	40.62	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	148440	35.41	ng	100
29) 2,4-Dichlorophenol	8.00	162	117206	37.19	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	118174	34.92	ng	98
31) Naphthalene	8.16	128	425697	39.01	ng	99
32) Benzoic acid	7.93	122	62006	48.30	ng	99
33) 4-Chloroaniline	8.20	127	51192	10.49	ng	97
34) Hexachlorobutadiene	8.28	225	74708	35.35	ng	99
35) Caprolactam	8.57	113	28285	27.17	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	147745	41.40	ng	96
37) 2-Methylnaphthalene	8.85	142	297390	39.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	116125	34.61	ng	98
40) Hexachlorocyclopentadiene	9.00	237	65233	62.45	ng	97

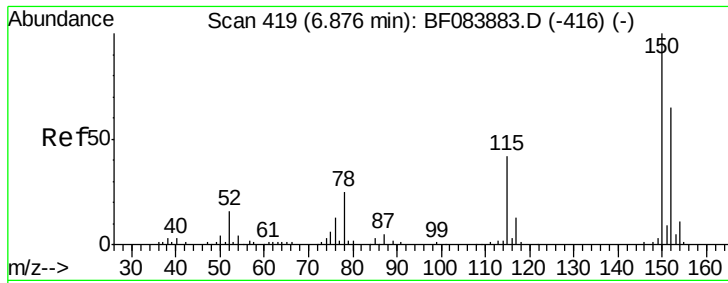
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083956.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	79359	35.82	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	85750	39.11	ng	# 86
45) 1,1'-Biphenyl	9.31	154	360246	40.15	ng	99
46) 2-Chloronaphthalene	9.33	162	259330	36.76	ng	98
47) 2-Nitroaniline	9.44	65	77073	36.62	ng	# 51
48) Acenaphthylene	9.76	152	436814	35.20	ng	100
49) Dimethylphthalate	9.62	163	345423	38.68	ng	# 90
50) 2,6-Dinitrotoluene	9.68	165	77570	39.82	ng	91
51) Acenaphthene	9.92	154	287573	37.70	ng	99
52) 3-Nitroaniline	9.84	138	32258	15.71	ng	99
53) 2,4-Dinitrophenol	9.95	184	49749	72.27	ng	# 68
54) Dibenzofuran	10.10	168	399811	40.35	ng	99
55) 4-Nitrophenol	10.02	139	86617	67.57	ng	# 80
56) 2,4-Dinitrotoluene	10.08	165	89541	35.86	ng	# 89
57) Fluorene	10.43	166	299455	39.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	67043	41.33	ng	97
59) Diethylphthalate	10.32	149	350392	37.95	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	144570	38.07	ng	98
61) 4-Nitroaniline	10.45	138	61811	29.09	ng	94
62) Azobenzene	10.59	77	322403	41.66	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	42179	35.86	ng	# 71
65) n-Nitrosodiphenylamine	10.54	169	256451	35.71	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	86615	35.90	ng	# 62
67) Hexachlorobenzene	10.99	284	100849	39.70	ng	99
68) Atrazine	11.07	200	82013	36.05	ng	97
69) Pentachlorophenol	11.18	266	82429	76.67	ng	99
70) Phenanthrene	11.39	178	436842	36.64	ng	99
71) Anthracene	11.45	178	443962	38.52	ng	100
72) Carbazole	11.60	167	401453	35.25	ng	100
73) Di-n-butylphthalate	11.94	149	524980	39.24	ng	100
74) Fluoranthene	12.58	202	423679	35.61	ng	99
76) Benzidine	12.69	184	108149	14.89	ng	99
77) Pyrene	12.81	202	441908	38.86	ng	100
79) Butylbenzylphthalate	13.43	149	222819	36.90	ng	99
80) Benzo(a)anthracene	14.00	228	387478	34.74	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	72892	17.49	ng	# 95
82) Chrysene	14.03	228	330985	30.72	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	305073	37.84	ng	100
84) Di-n-octyl phthalate	14.59	149	523668	41.50	ng	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	304488	37.79	ng	100
87) Benzo(b)fluoranthene	15.06	252	662369	70.47	ng	99
88) Benzo(k)fluoranthene	15.06	252	662369	85.43	ng	# 95
89) Benzo(a)pyrene	15.38	252	302481	38.97	ng	# 97
90) Dibenzo(a,h)anthracene	16.87	278	254797	42.20	ng	# 95
91) Benzo(g,h,i)perylene	17.28	276	252865	42.73	ng	99

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

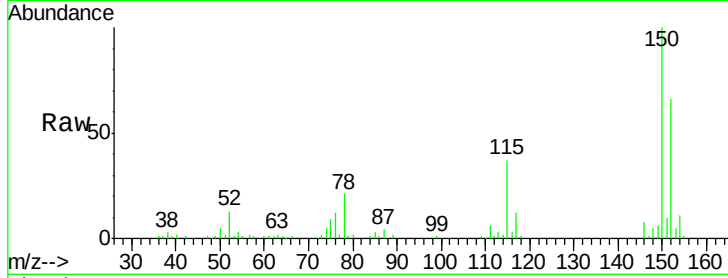


#1

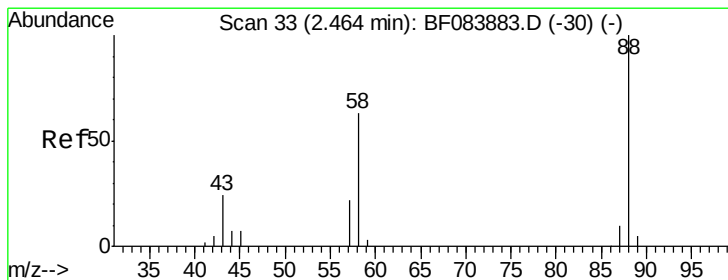
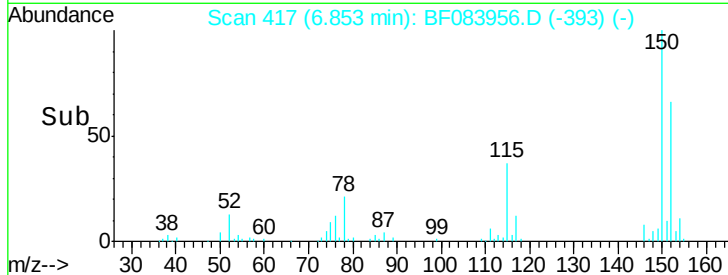
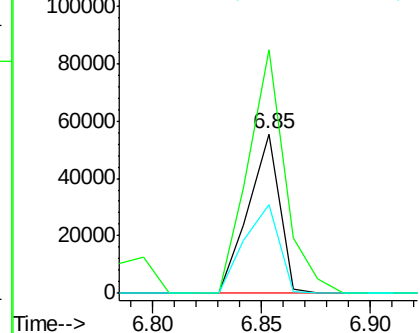
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB87359BS

Tgt Ion:152 Resp: 55194
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.4
115 56.0 51.4 77.2



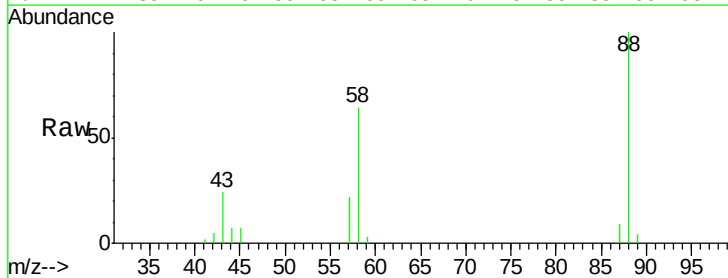
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



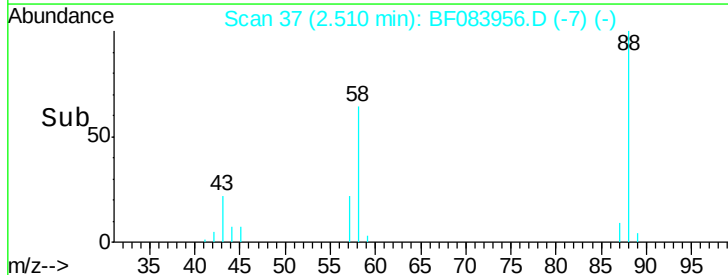
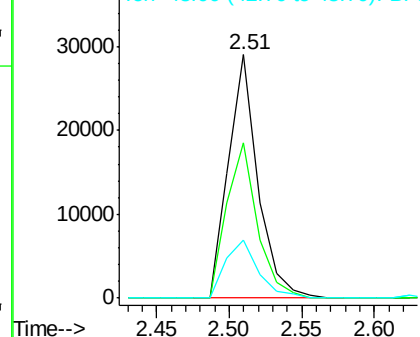
#2

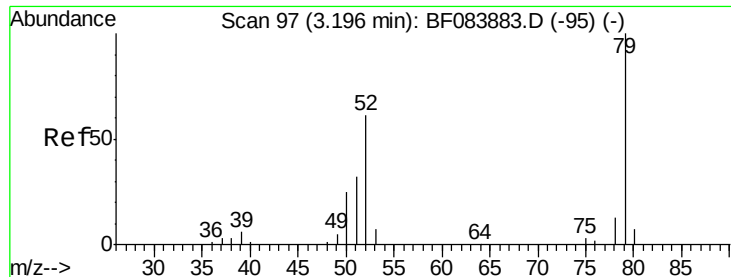
1,4-Dioxane
Concen: 26.62 ng
RT: 2.51 min Scan# 37
Delta R.T. 0.05 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion: 88 Resp: 40730
Ion Ratio Lower Upper
88 100
58 66.0 51.2 76.8
43 26.3 19.5 29.3



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





#3

Pyridine

Concen: 31.46 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

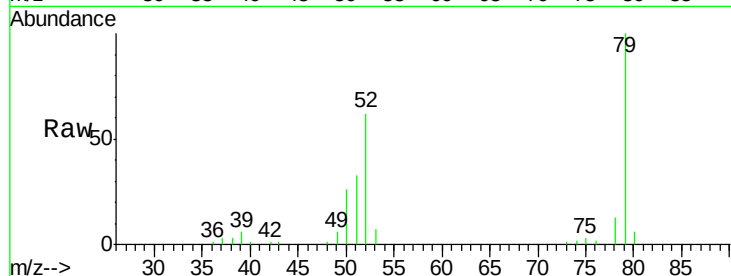
Tgt Ion: 79 Resp: 119014

Ion Ratio Lower Upper

79 100

52 61.5 49.0 73.4

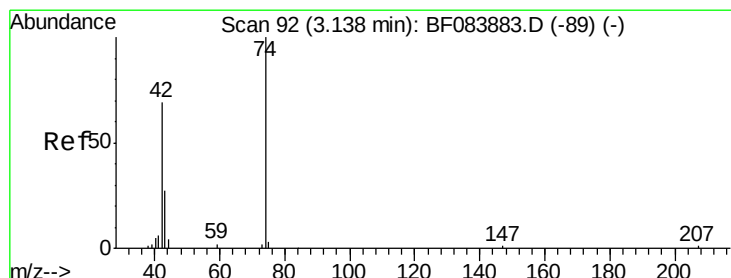
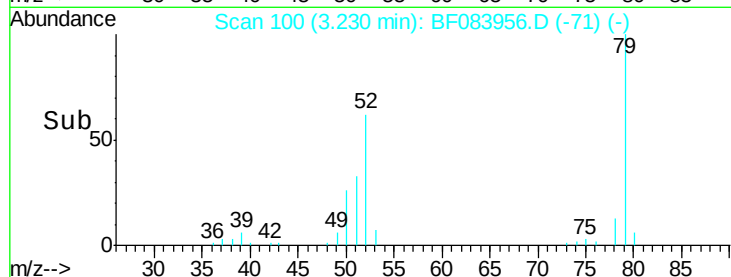
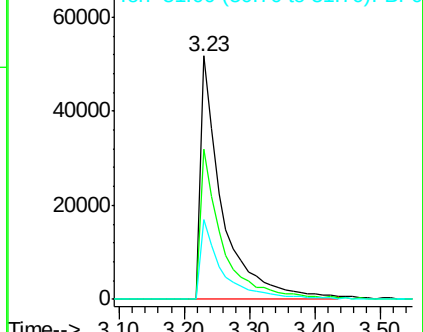
51 32.9 25.2 37.8



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: 35.88 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

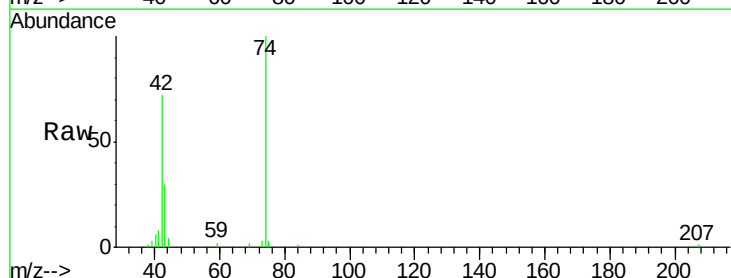
Tgt Ion: 42 Resp: 51780

Ion Ratio Lower Upper

42 100

74 139.5 115.7 173.5

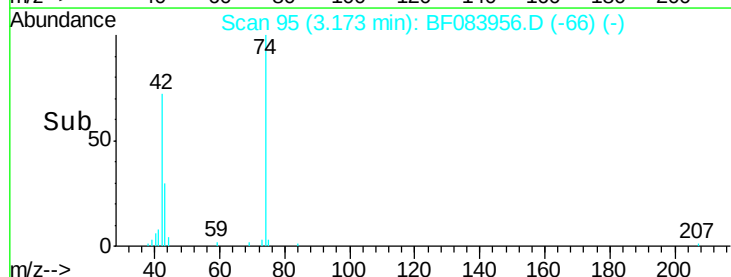
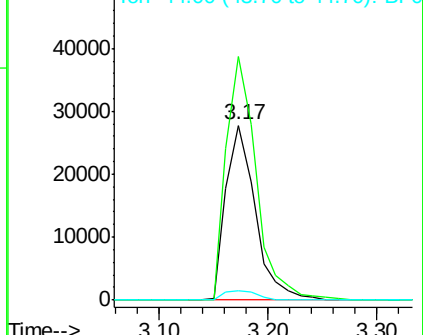
44 5.7 5.1 7.7

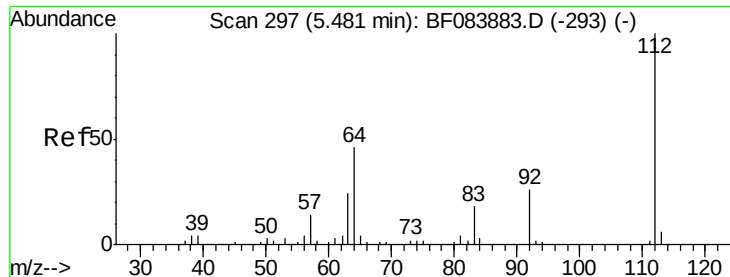


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 96.44 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

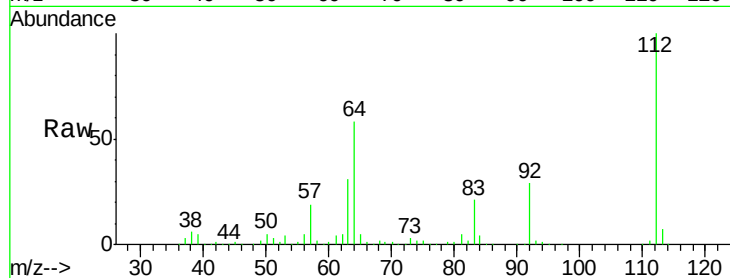
Tgt Ion: 112 Resp: 340123

Ion Ratio Lower Upper

112 100

64 58.2 36.6 55.0#

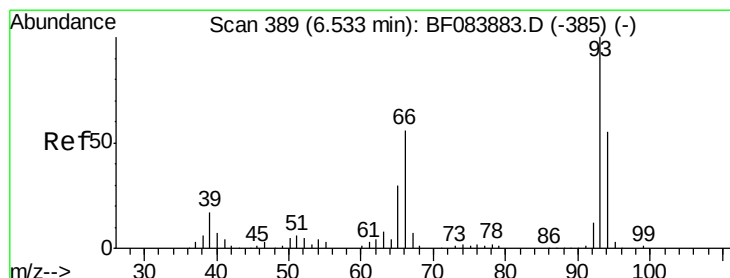
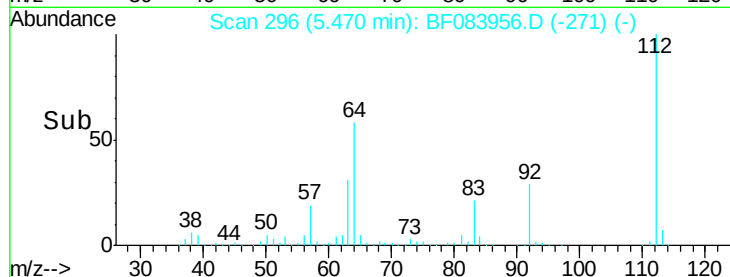
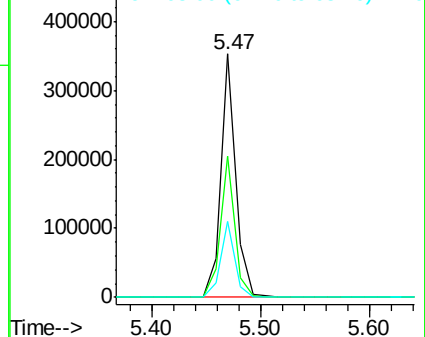
63 31.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.24 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

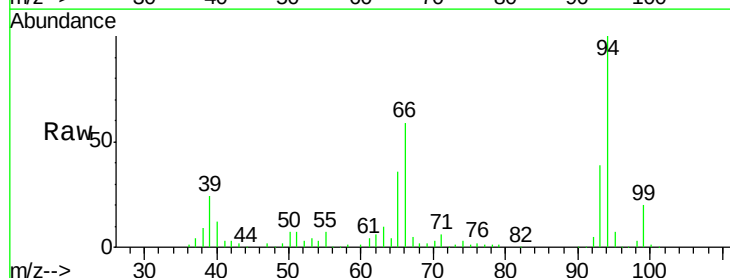
Tgt Ion: 93 Resp: 90305

Ion Ratio Lower Upper

93 100

66 151.7 44.9 67.3#

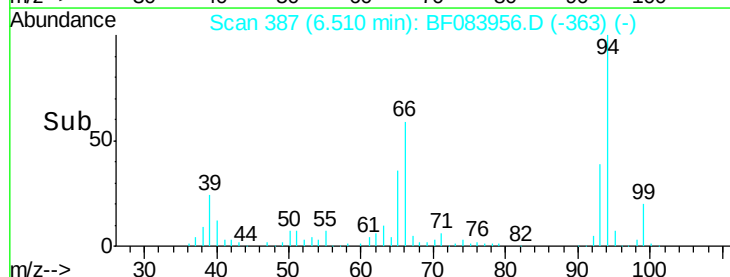
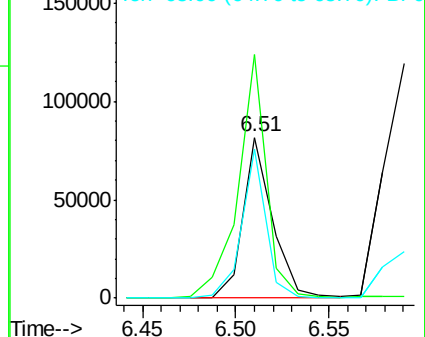
65 92.8 23.7 35.5#

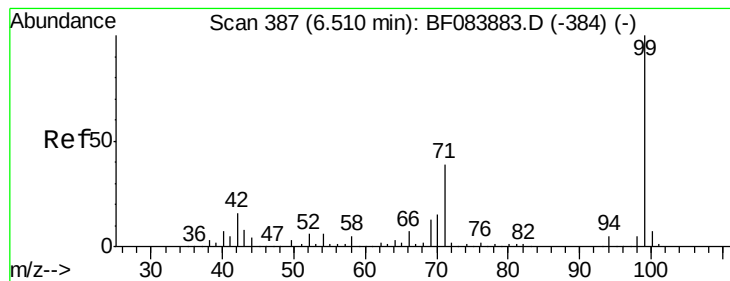


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.65 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

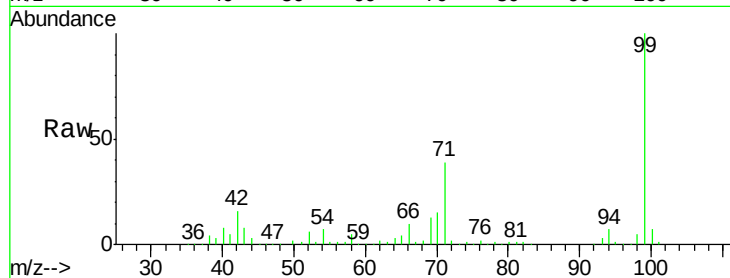
Tgt Ion: 99 Resp: 438826

Ion Ratio Lower Upper

99 100

42 16.4 12.8 19.2

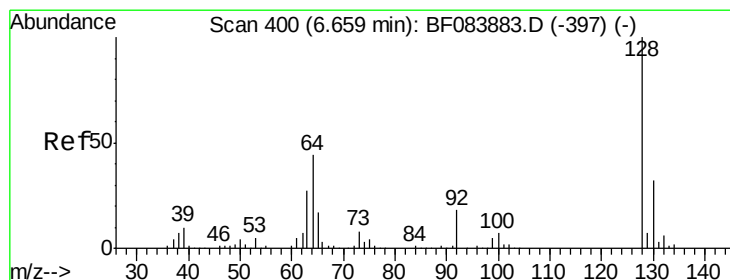
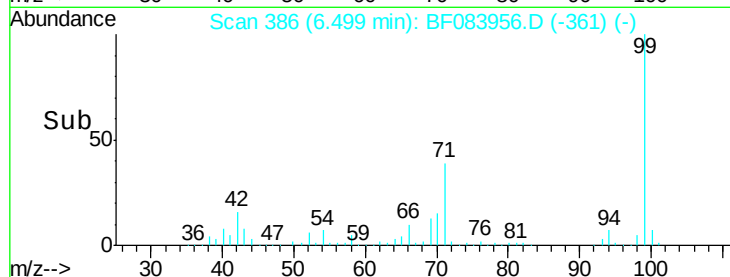
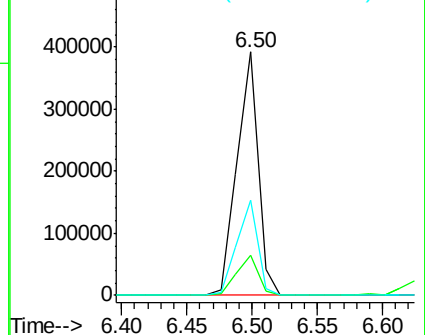
71 39.1 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.03 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

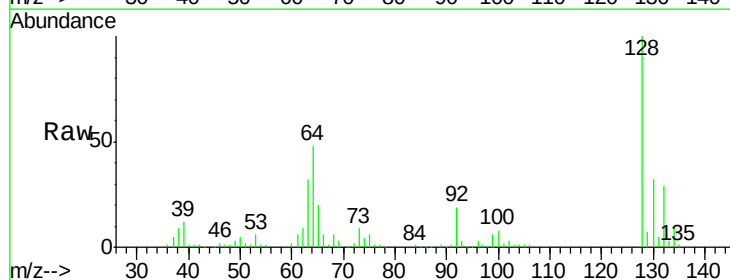
Tgt Ion: 128 Resp: 142828

Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

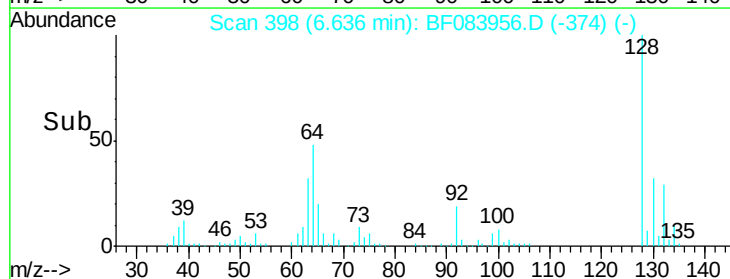
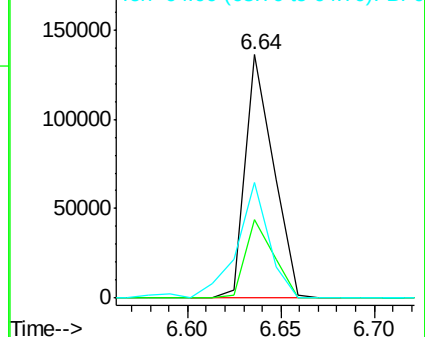
64 47.6 23.8 63.8

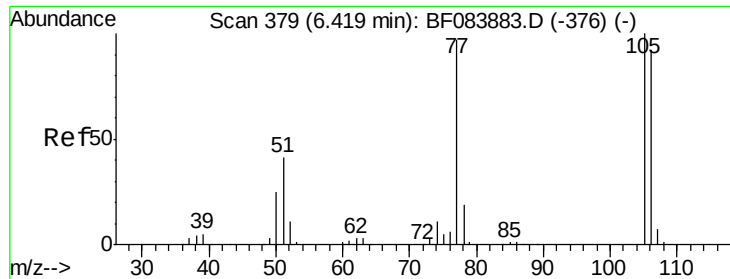


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.41 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

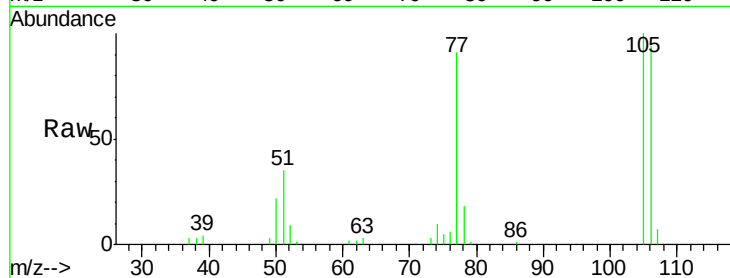
Tgt Ion: 77 Resp: 50483

Ion Ratio Lower Upper

77 100

105 110.3 83.0 123.0

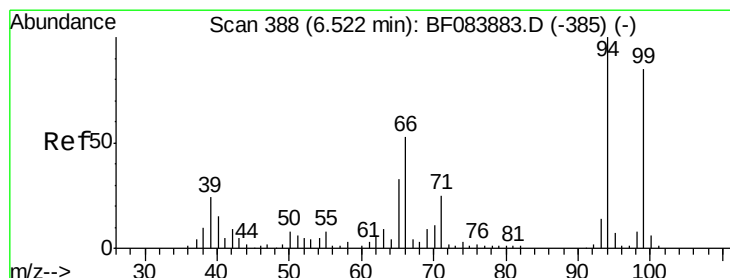
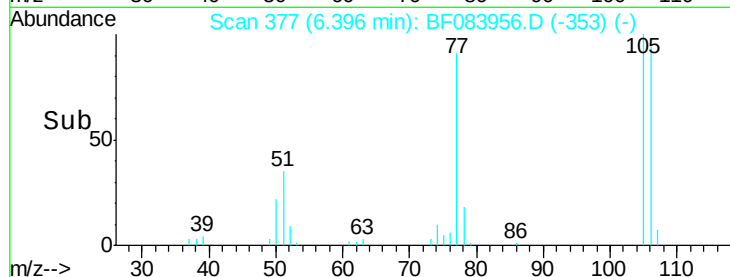
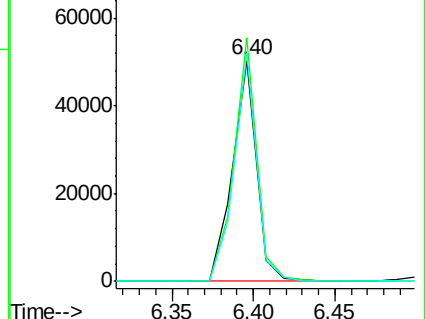
106 103.6 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.07 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

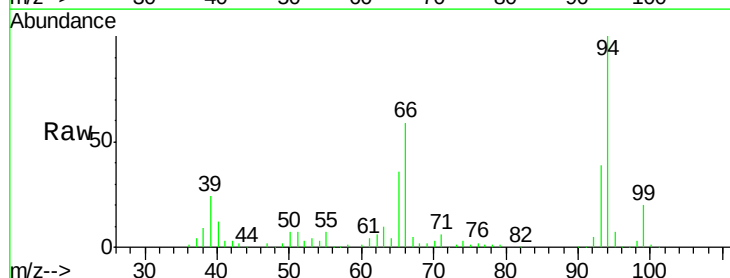
Tgt Ion: 94 Resp: 173735

Ion Ratio Lower Upper

94 100

65 36.3 12.9 52.9

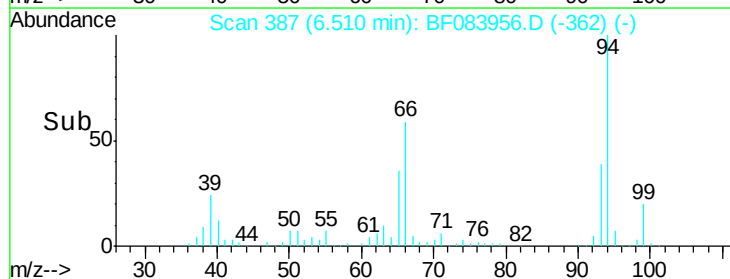
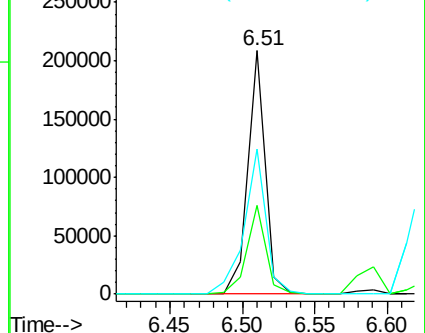
66 59.4 32.7 72.7

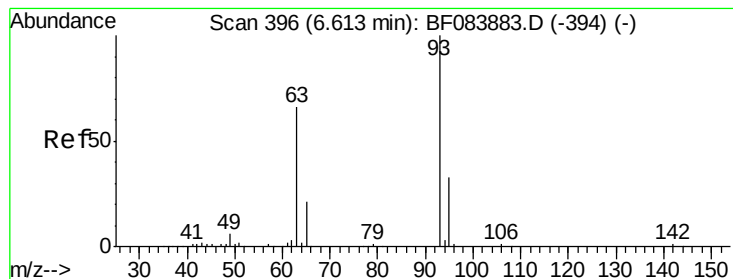


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.10 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

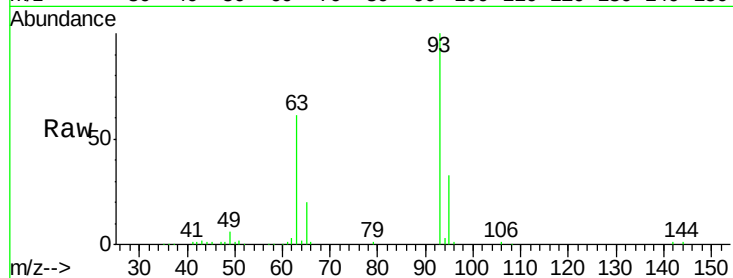
Tgt Ion: 93 Resp: 128435

Ion Ratio Lower Upper

93 100

63 61.3 45.9 85.9

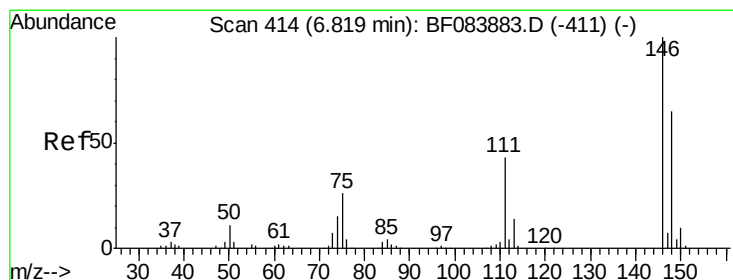
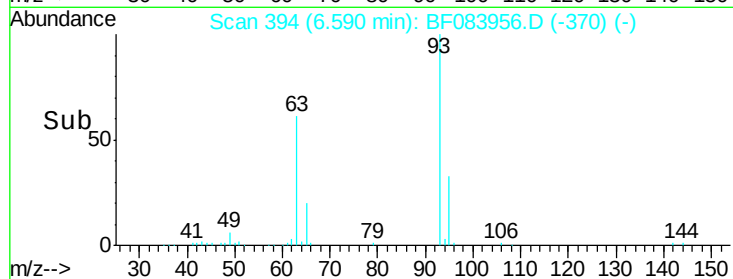
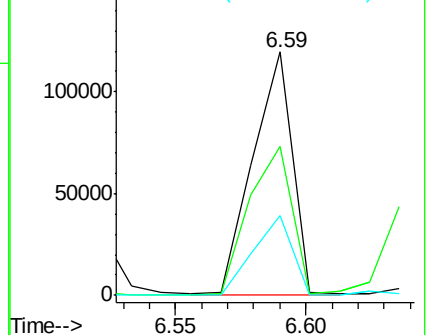
95 32.7 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.39 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

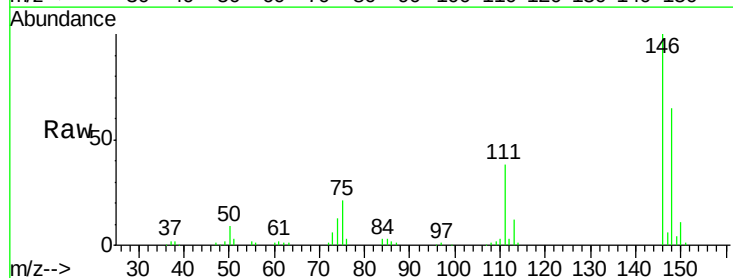
Tgt Ion: 146 Resp: 150741

Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

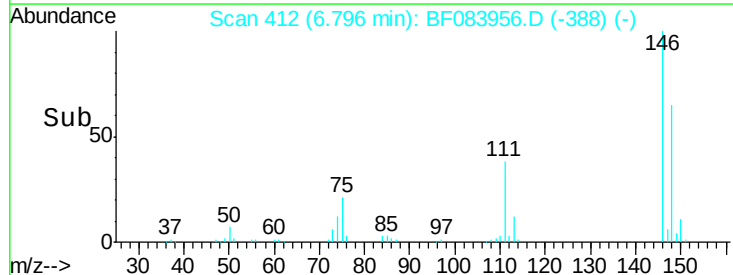
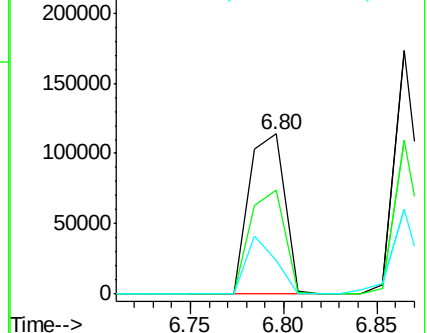
75 21.2 20.5 30.7

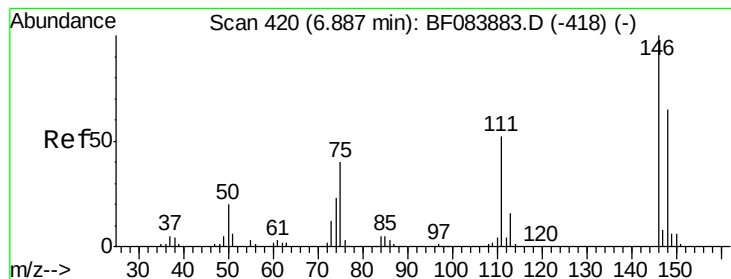


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

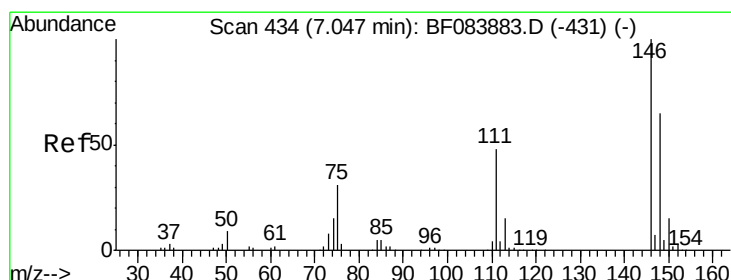
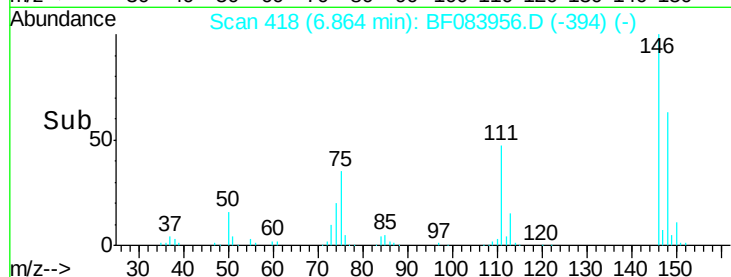
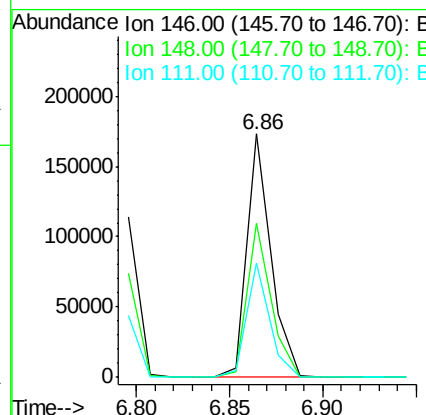
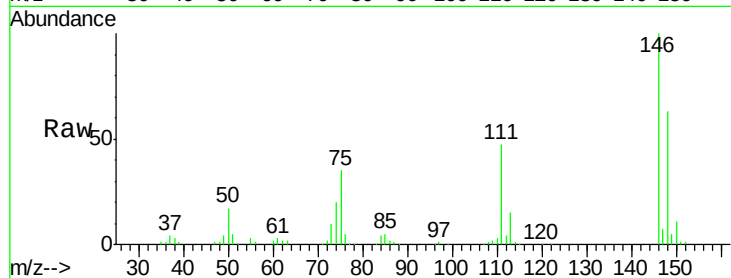




#13
 1,4-Dichlorobenzene
 Concen: 33.56 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

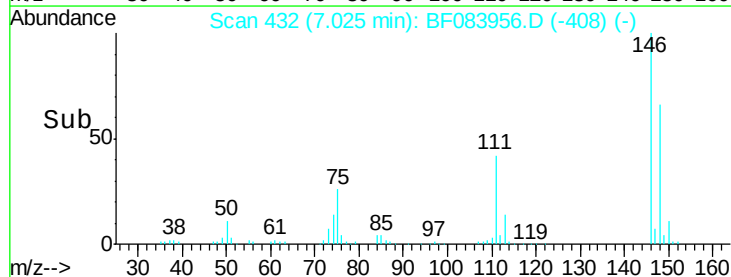
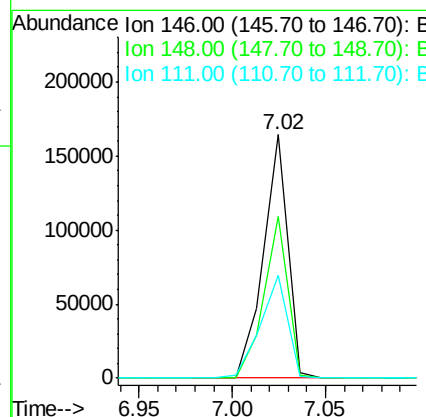
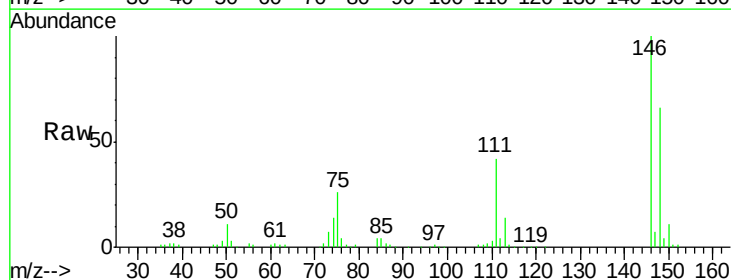
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

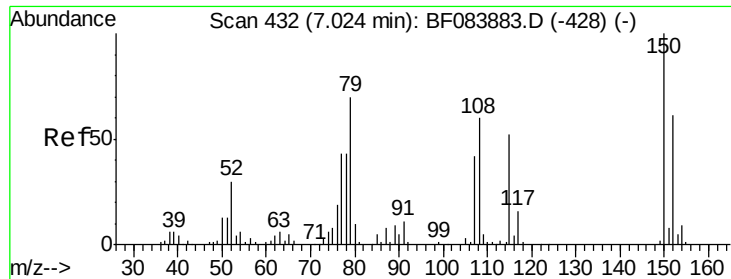
Tgt Ion:146 Resp: 154672
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 46.9 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.40 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:146 Resp: 148042
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.6 77.4
 111 42.5 38.0 57.0

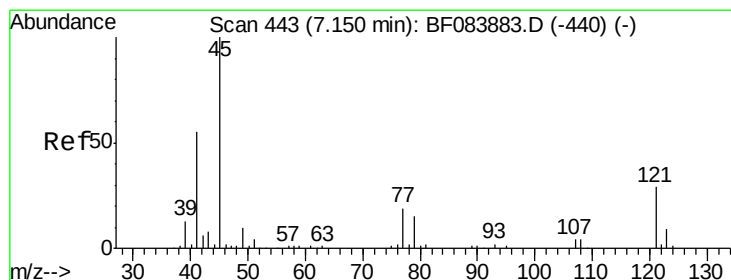
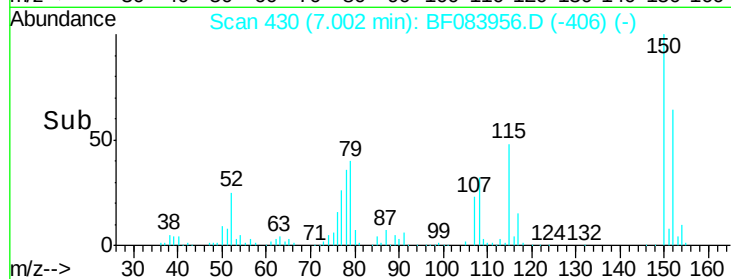
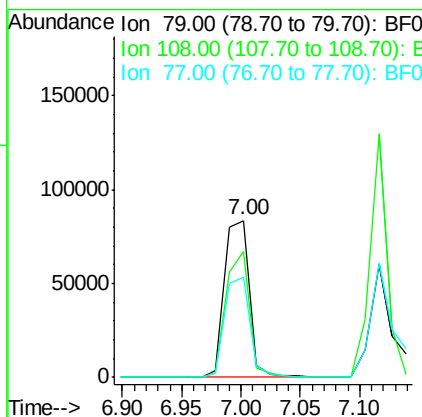
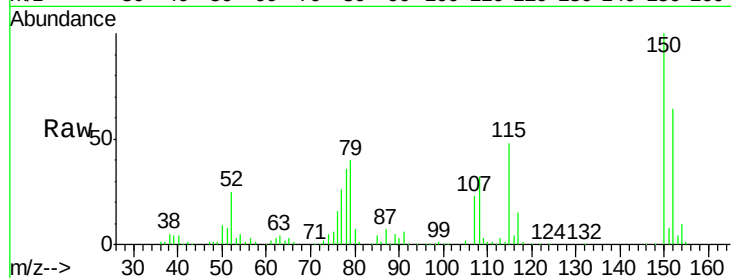




#15
Benzyl Alcohol
Concen: 37.46 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

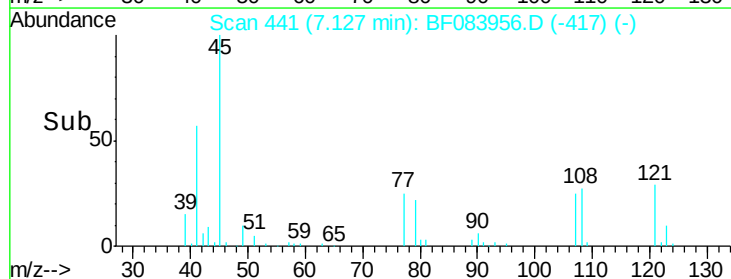
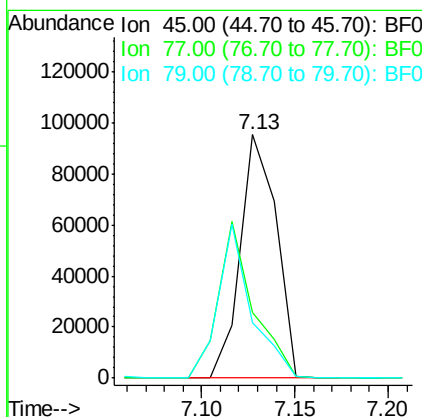
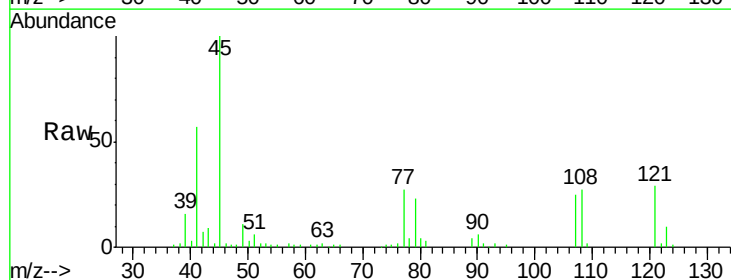
Instrument :
BNA_F
ClientSampleId :
PB87359BS

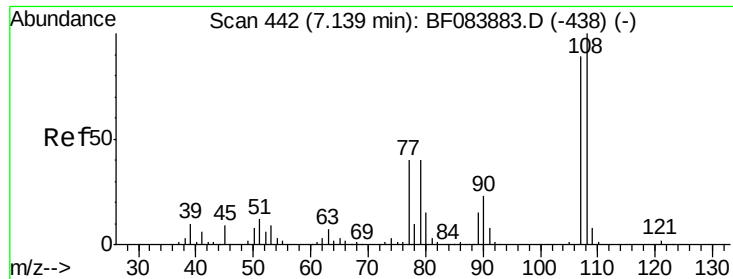
Tgt Ion: 79 Resp: 122363
Ion Ratio Lower Upper
79 100
108 80.4 69.0 103.4
77 64.0 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.93 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion: 45 Resp: 128021
Ion Ratio Lower Upper
45 100
77 26.9 0.0 39.6
79 23.0 0.0 35.0

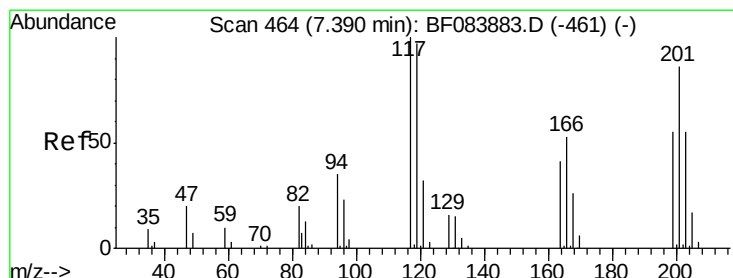
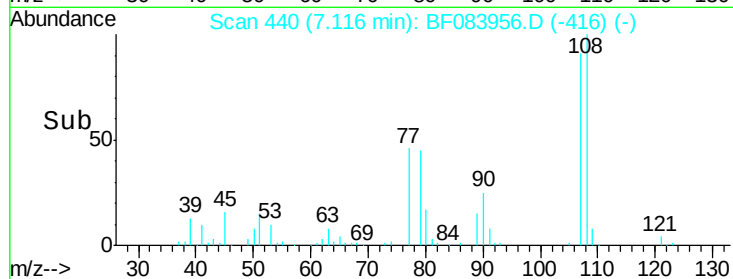
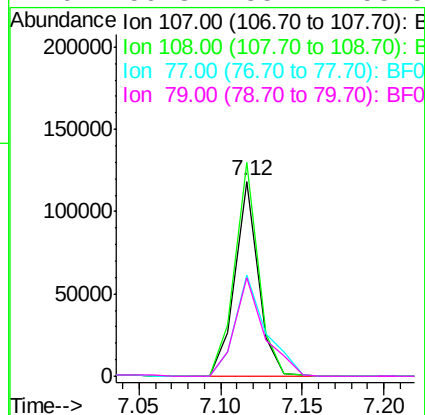
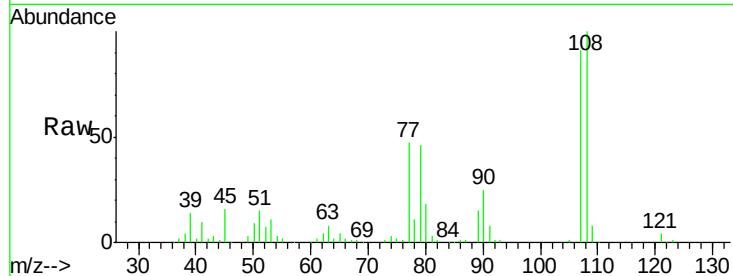




#17
2-Methylphenol
Concen: 35.42 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

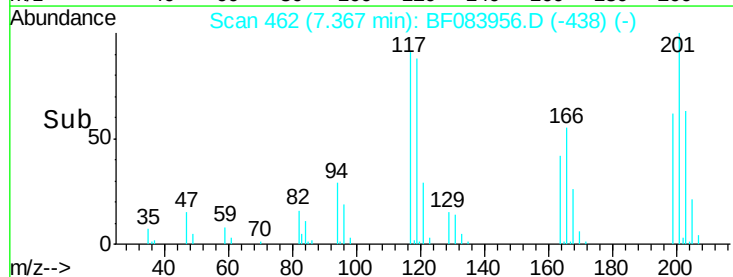
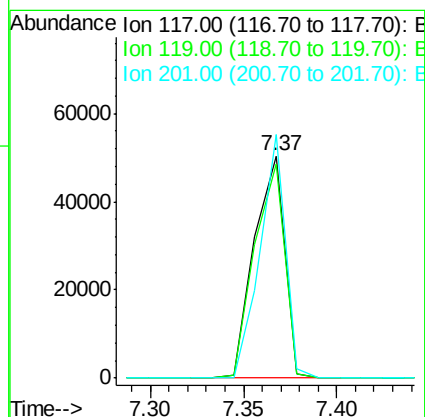
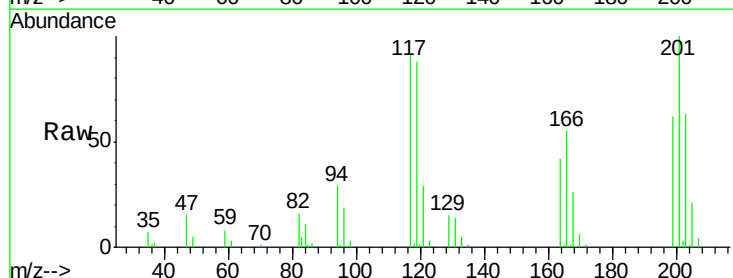
Instrument :
BNA_F
ClientSampleId :
PB87359BS

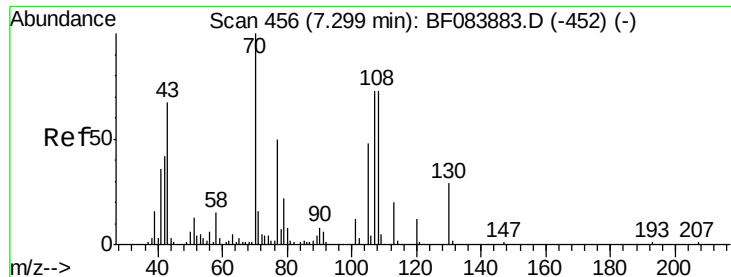
Tgt Ion:	107	Resp:	116617
Ion	Ratio	Lower	Upper
107	100		
108	109.5	89.8	134.6
77	51.6	35.7	53.5
79	50.8	35.7	53.5



#18
Hexachloroethane
Concen: 34.05 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion:	117	Resp:	57592
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	109.5	68.6	103.0#

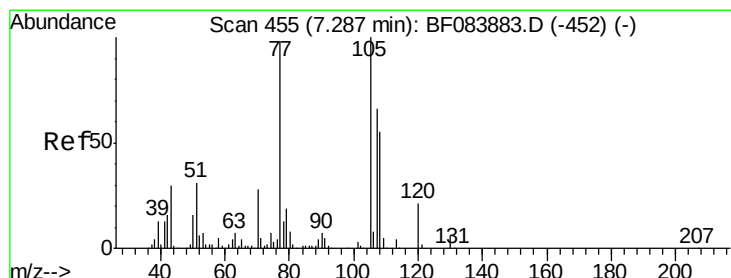
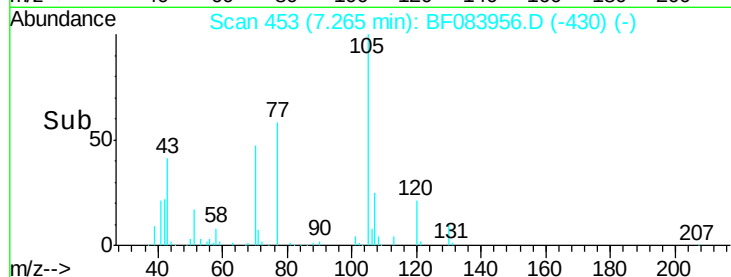
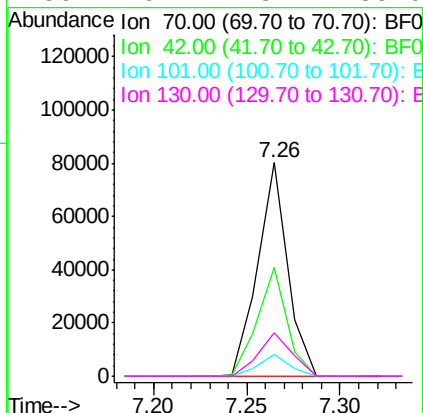
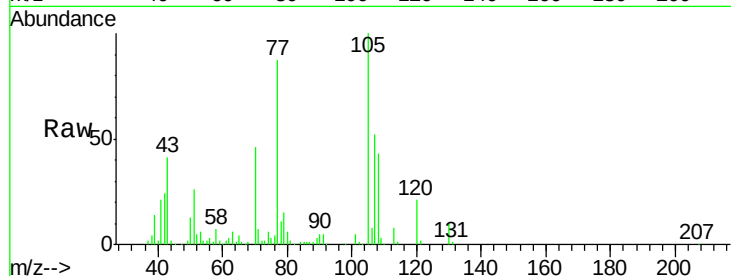




#19
n-Nitroso-di-n-propylamine
Concen: 35.97 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

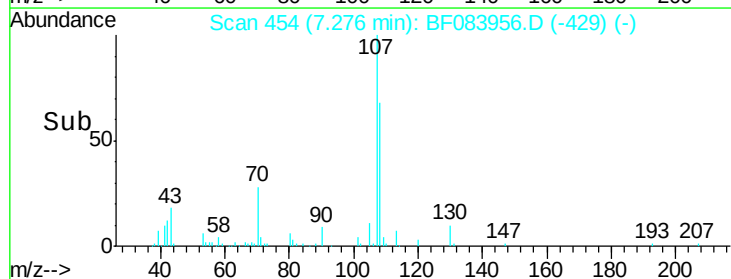
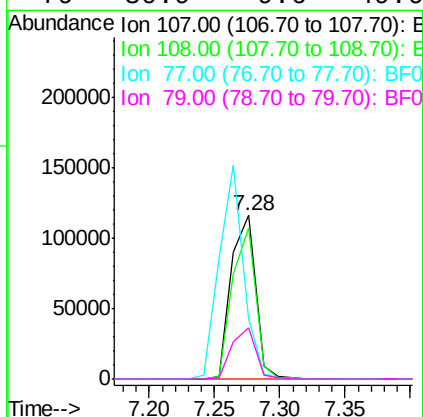
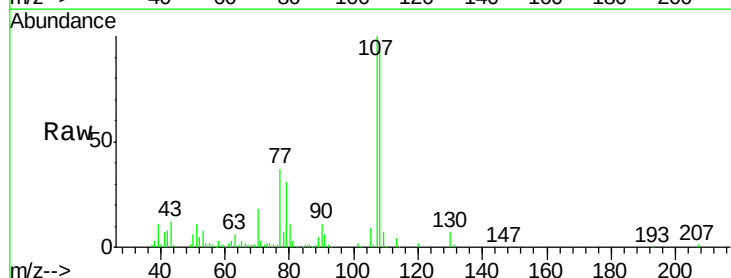
Instrument :
BNA_F
ClientSampleId :
PB87359BS

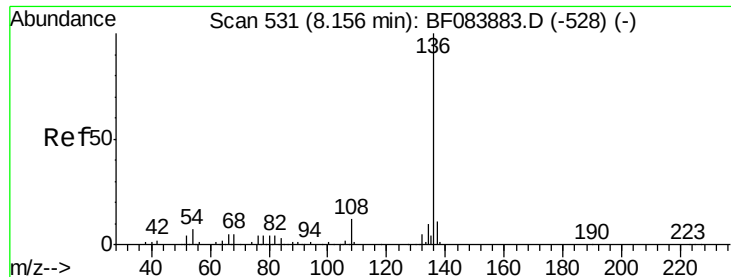
Tgt Ion: 70 Resp: 90536
Ion Ratio Lower Upper
70 100
42 51.1 33.3 49.9#
101 9.9 9.3 13.9
130 20.7 23.4 35.0#



#20
3+4-Methylphenols
Concen: 39.02 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion: 107 Resp: 150966
Ion Ratio Lower Upper
107 100
108 92.5 64.1 104.1
77 36.7 128.9 168.9#
79 30.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

Tgt Ion:136 Resp: 214984

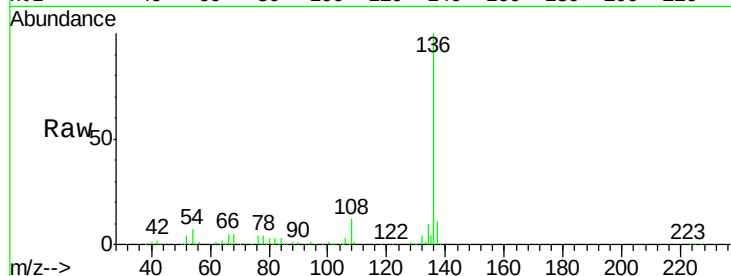
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.6 5.8 8.8

68 4.6 4.2 6.2

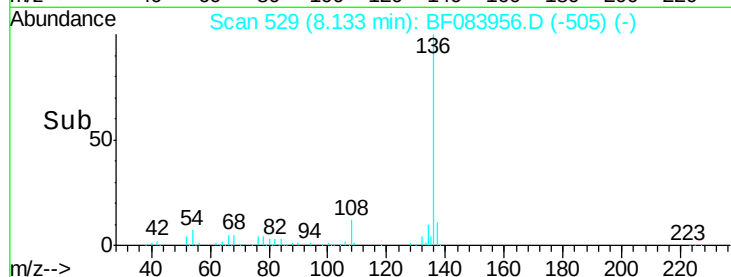


Abundance Ion 136.00 (135.70 to 136.70): E

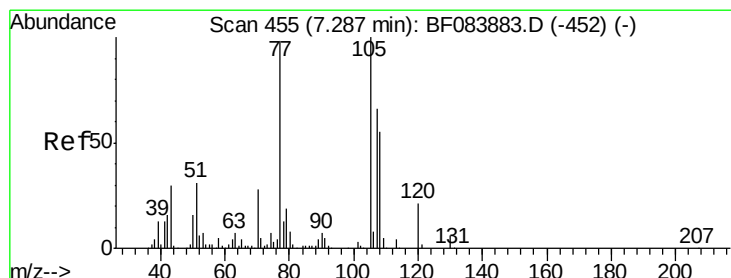
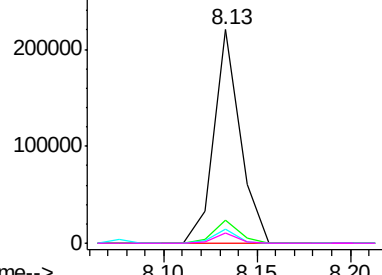
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.15 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Tgt Ion:105 Resp: 202619

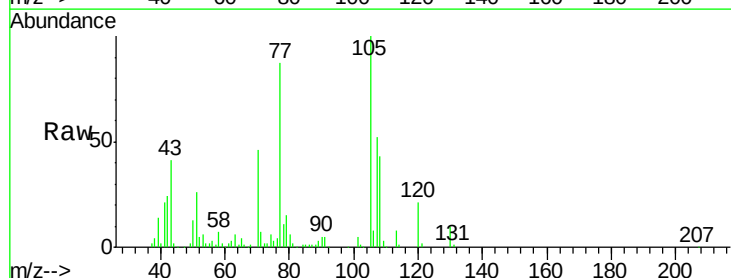
Ion Ratio Lower Upper

105 100

71 7.3 3.7 5.5#

51 26.3 25.1 37.7

120 21.2 16.6 25.0

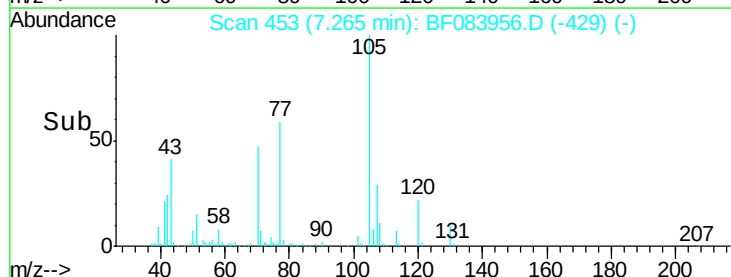


Abundance Ion 105.00 (104.70 to 105.70): E

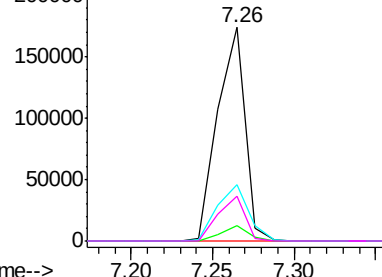
Ion 71.00 (70.70 to 71.70): BF0

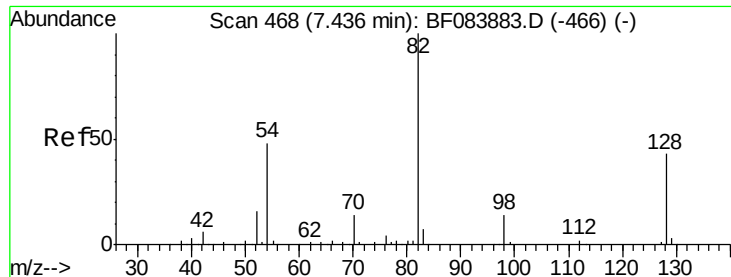
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

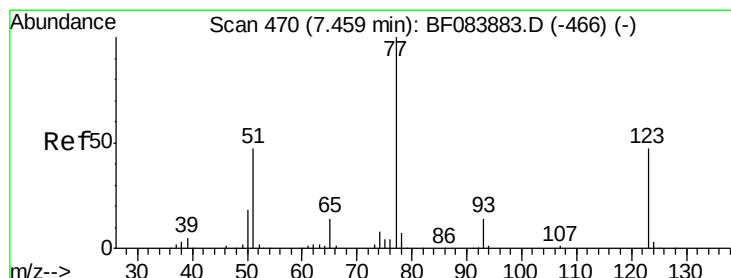
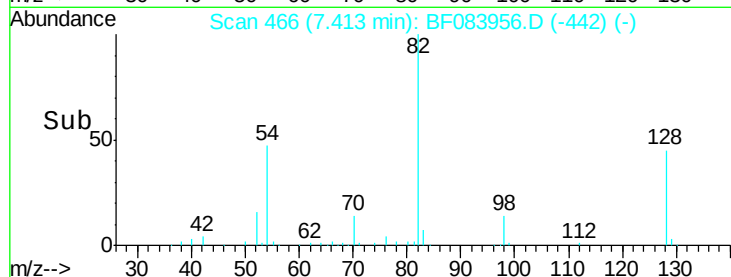
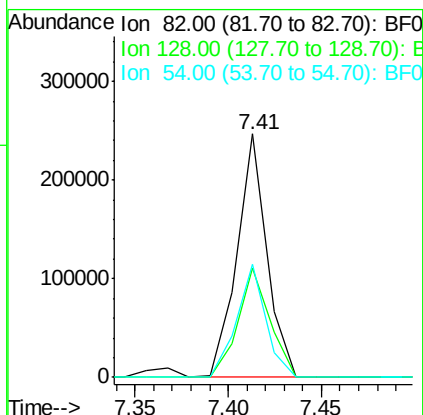
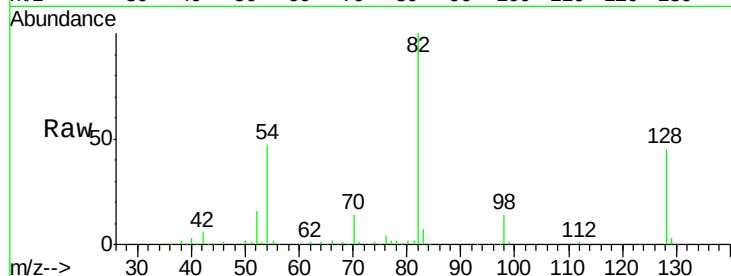




#23
 Nitrobenzene-d5
 Concen: 73.13 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

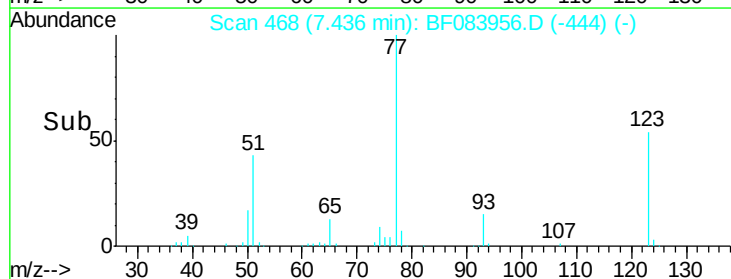
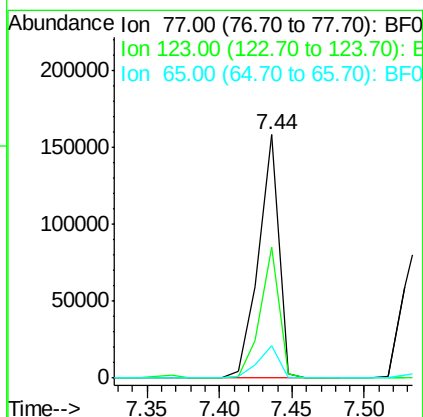
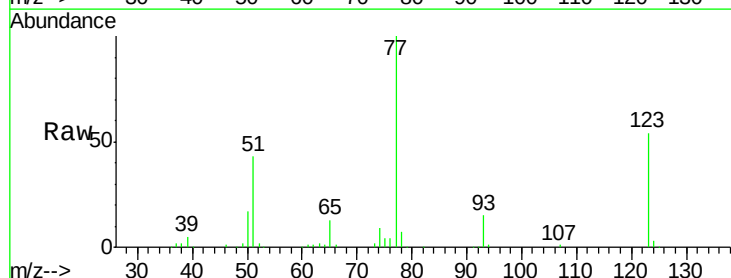
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

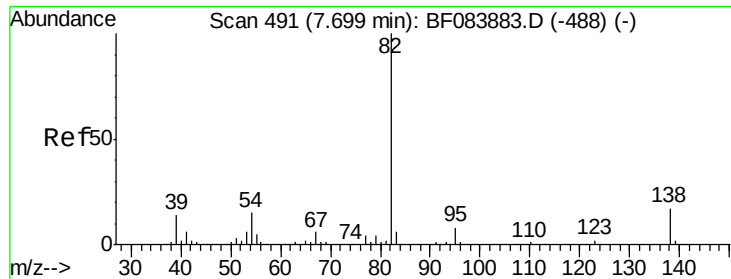
Tgt Ion: 82 Resp: 275473
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 46.7 38.4 57.6



#24
 Nitrobenzene
 Concen: 39.82 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion: 77 Resp: 155112
 Ion Ratio Lower Upper
 77 100
 123 53.6 37.4 56.2
 65 13.2 10.9 16.3





#25

Isophorone

Concen: 37.41 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

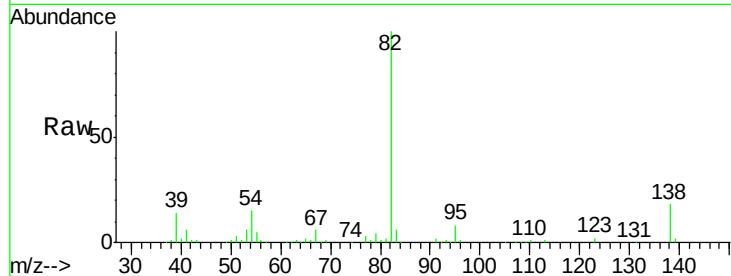
Tgt Ion: 82 Resp: 265123

Ion Ratio Lower Upper

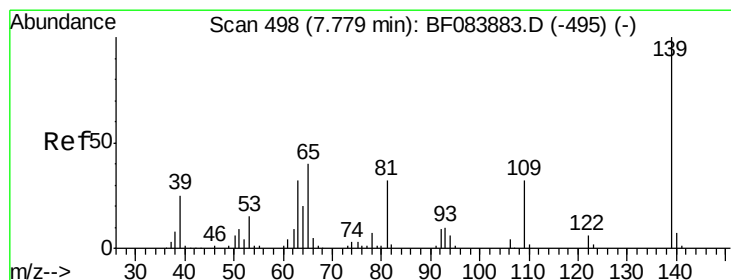
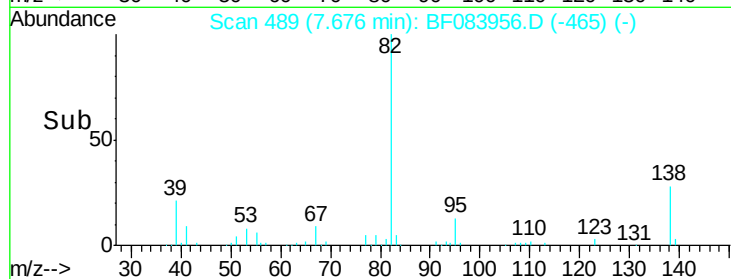
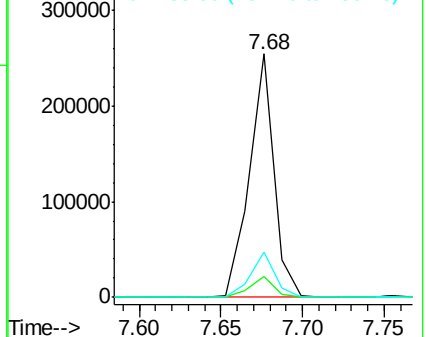
82 100

95 8.5 6.6 10.0

138 18.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 40.89 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

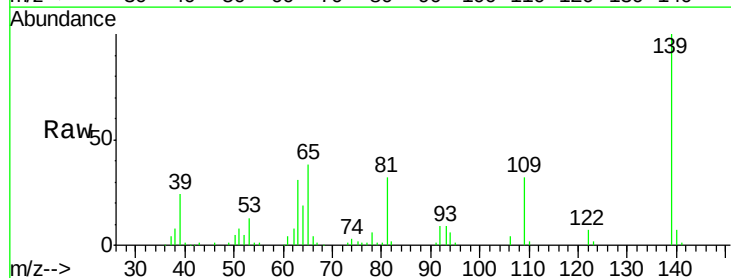
Tgt Ion: 139 Resp: 82452

Ion Ratio Lower Upper

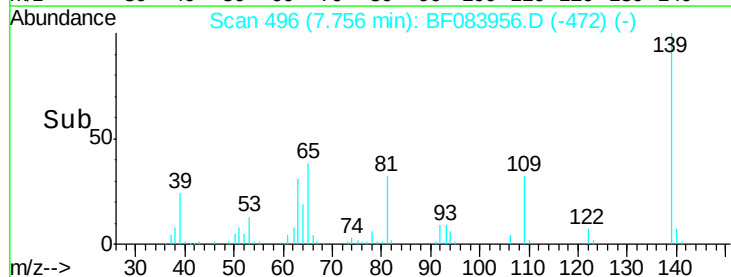
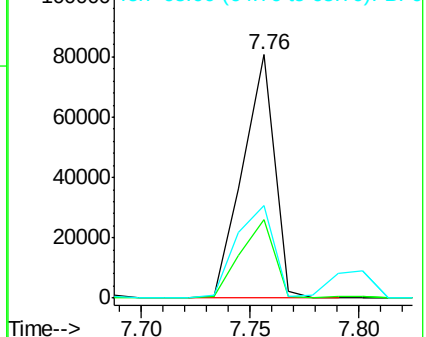
139 100

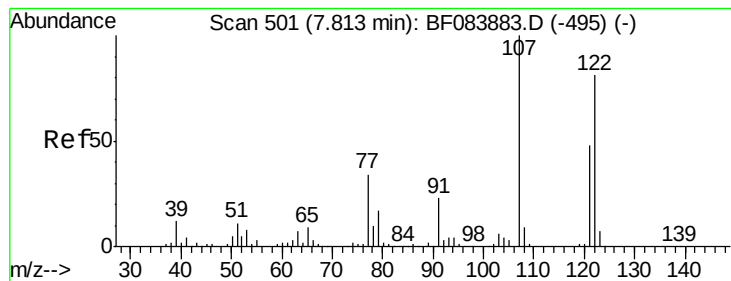
109 32.4 25.4 38.2

65 37.8 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 40.62 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

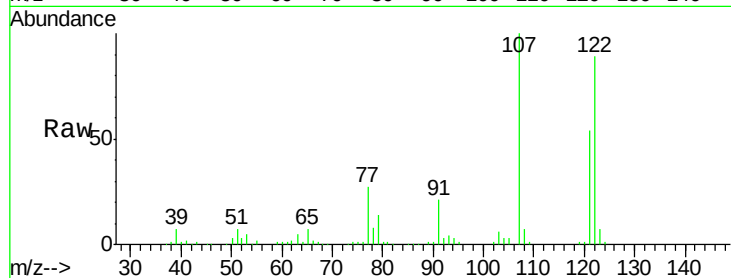
Tgt Ion: 122 Resp: 141105

Ion Ratio Lower Upper

122 100

107 112.8 99.1 148.7

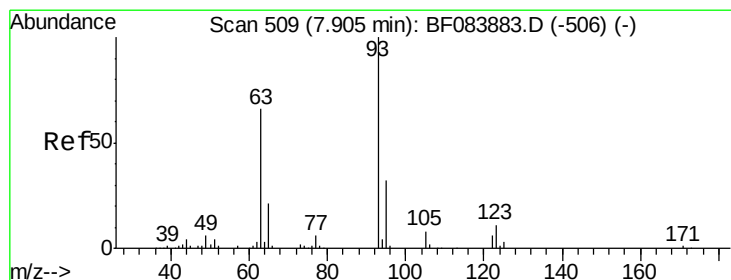
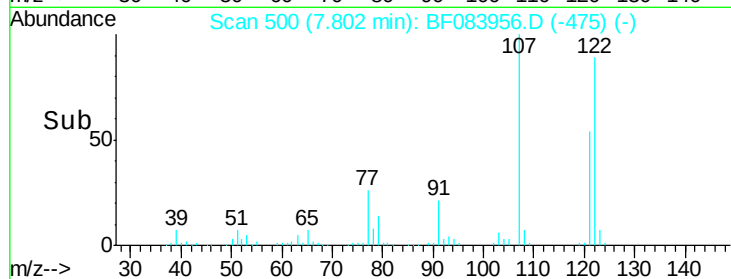
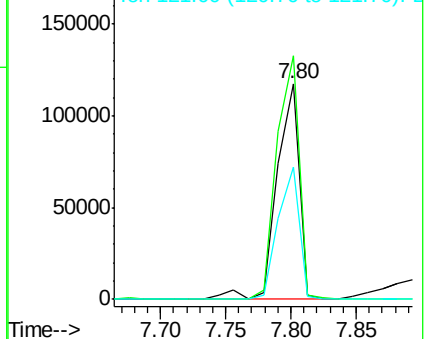
121 61.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.41 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

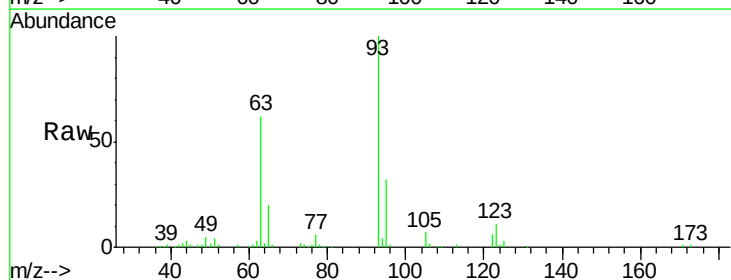
Tgt Ion: 93 Resp: 148440

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

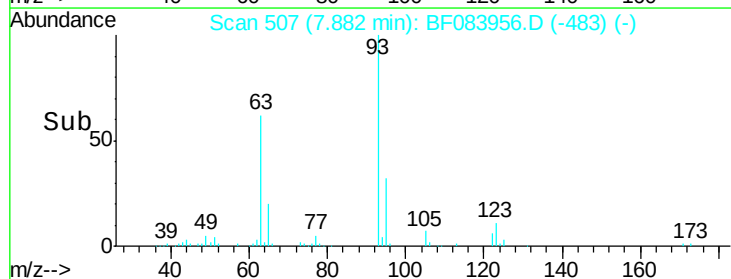
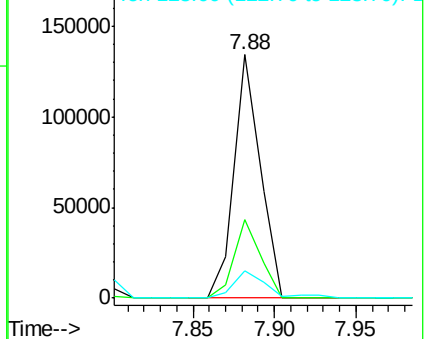
123 11.2 8.6 12.8

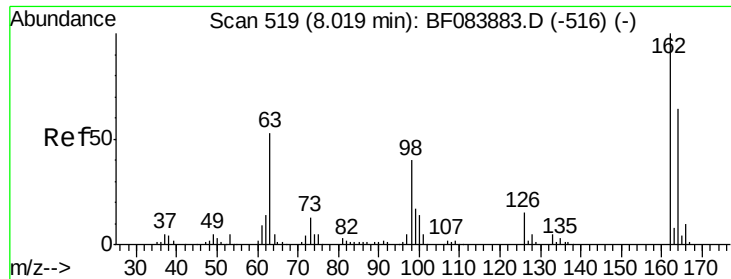


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

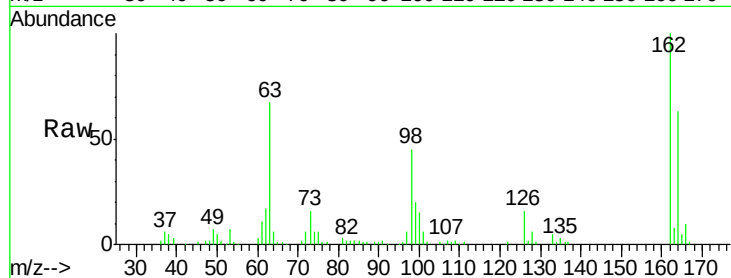




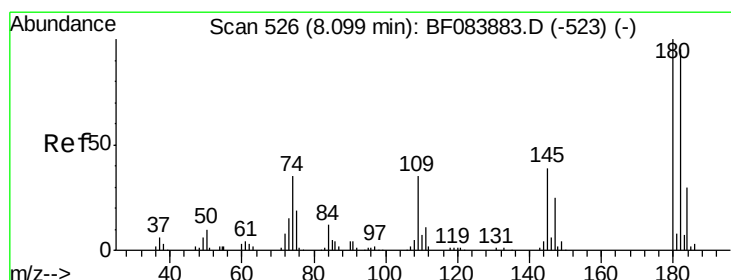
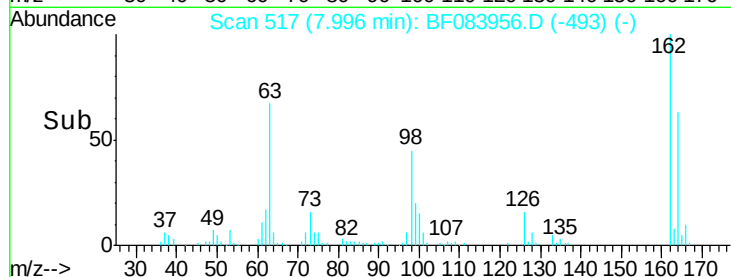
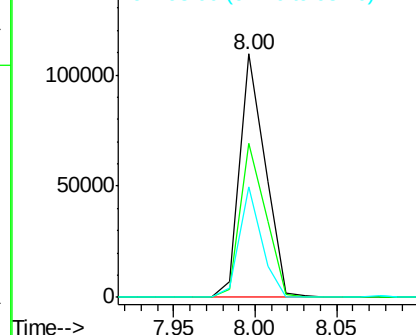
#29
 2,4-Dichlorophenol
 Concen: 37.19 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

Tgt Ion:162 Resp: 117206
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.1 84.1
 98 45.4 20.2 60.2

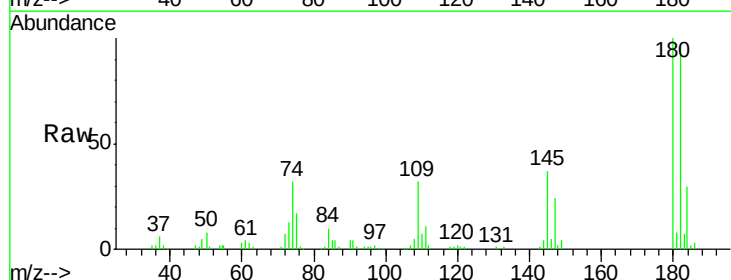


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

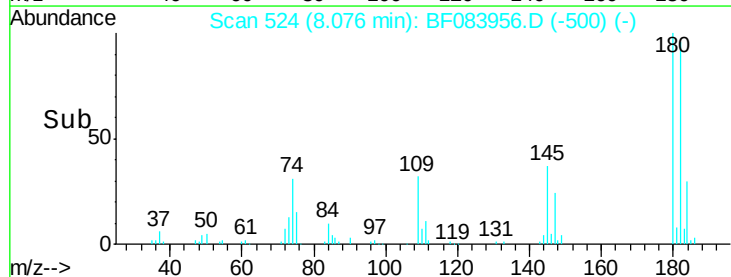
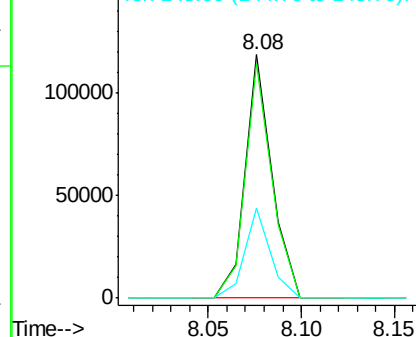


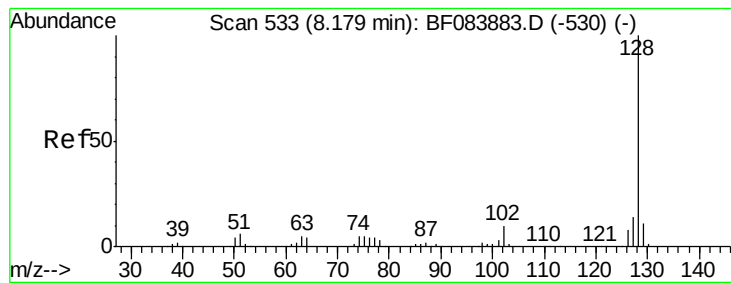
#30
 1,2,4-Trichlorobenzene
 Concen: 34.92 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:180 Resp: 118174
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.4 114.6
 145 37.2 31.6 47.4



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





#31

Naphthalene

Concen: 39.01 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

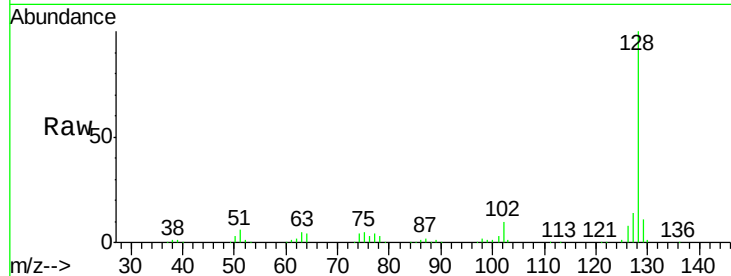
Tgt Ion:128 Resp: 425697

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

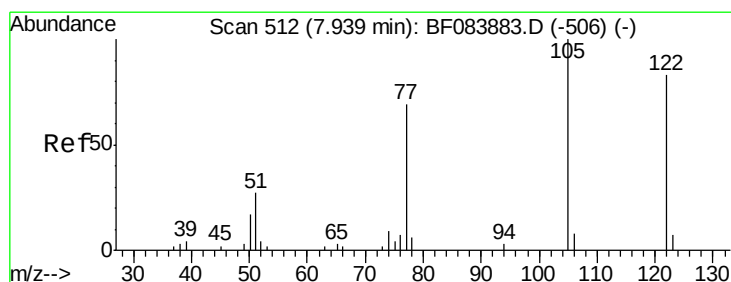
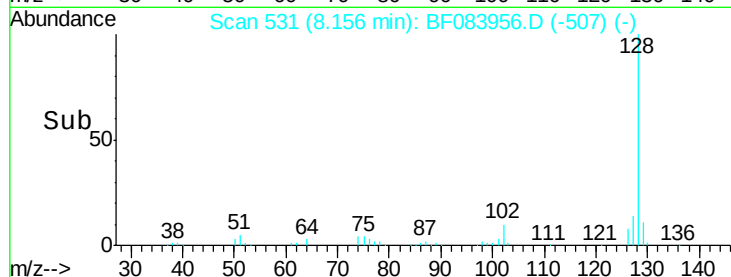
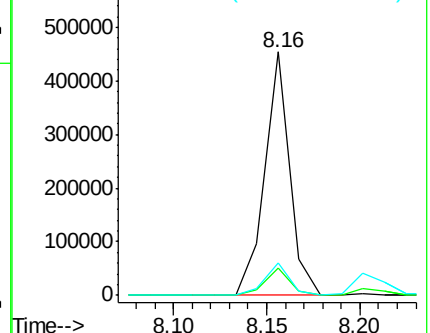
127 13.6 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.30 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

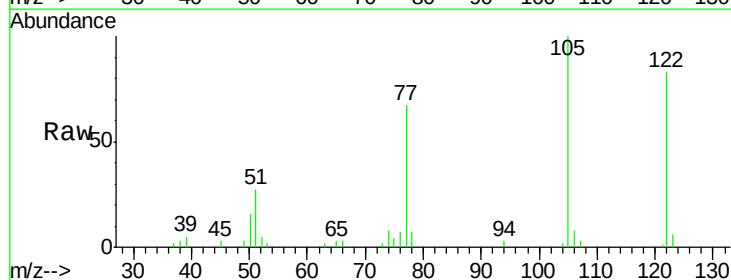
Tgt Ion:122 Resp: 62006

Ion Ratio Lower Upper

122 100

105 120.3 100.3 140.3

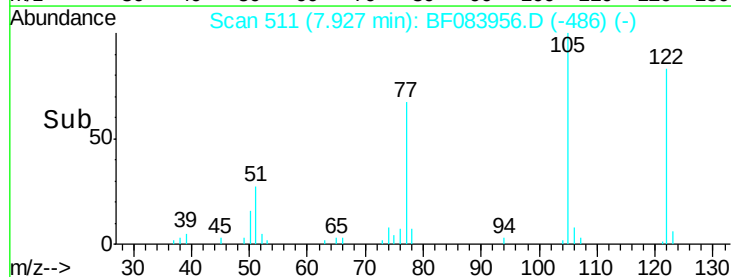
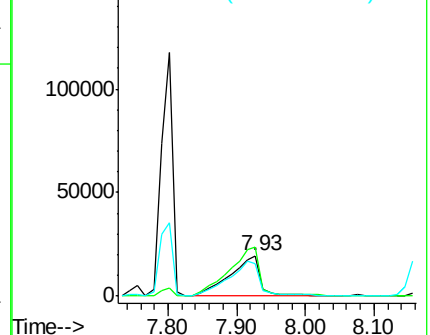
77 80.4 63.5 103.5

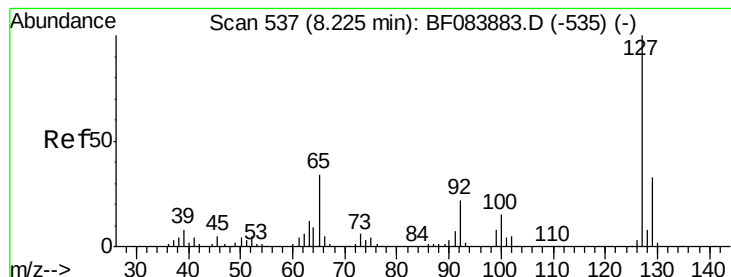


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.49 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

Tgt Ion:127 Resp: 51192

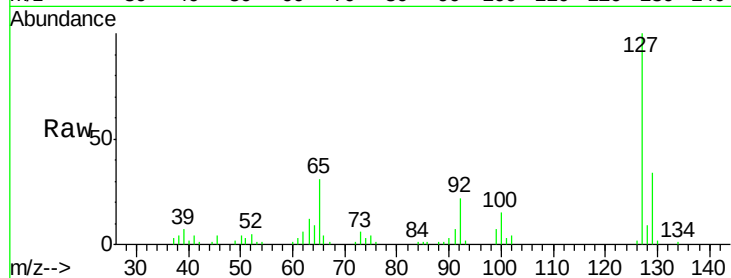
Ion Ratio Lower Upper

127 100

129 33.8 26.5 39.7

65 30.9 27.2 40.8

92 22.1 17.7 26.5

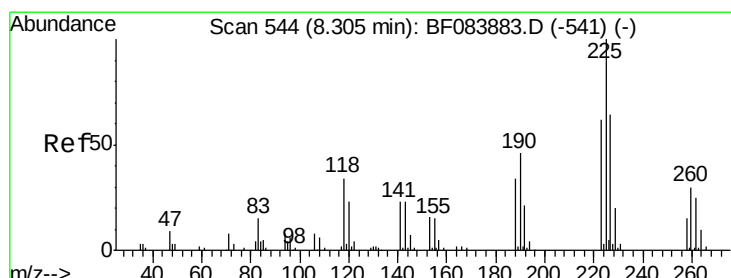
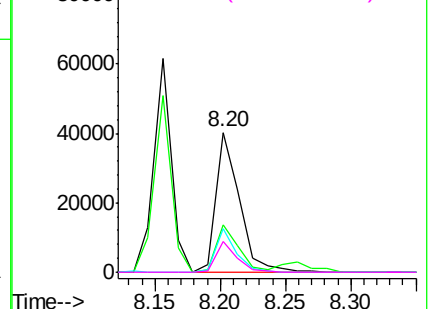
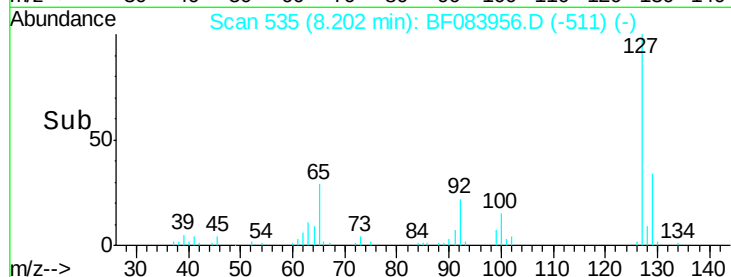


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.35 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

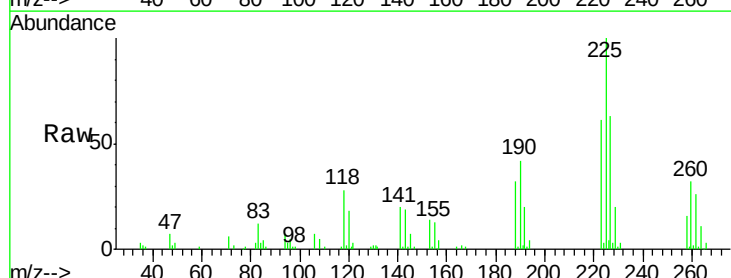
Tgt Ion:225 Resp: 74708

Ion Ratio Lower Upper

225 100

223 60.7 49.4 74.0

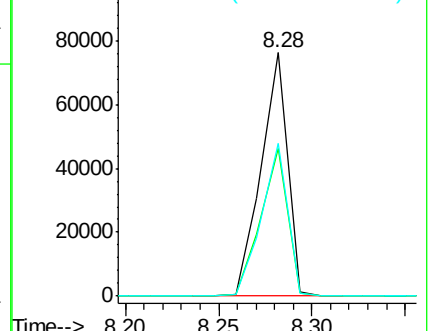
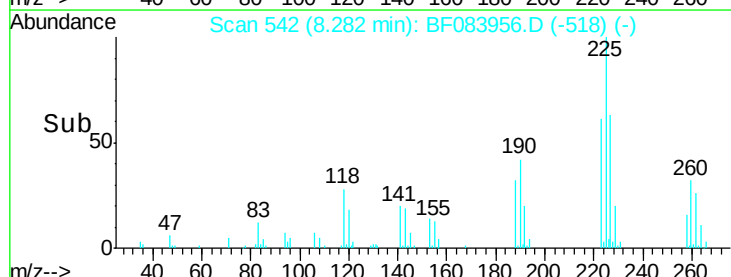
227 62.9 50.8 76.2

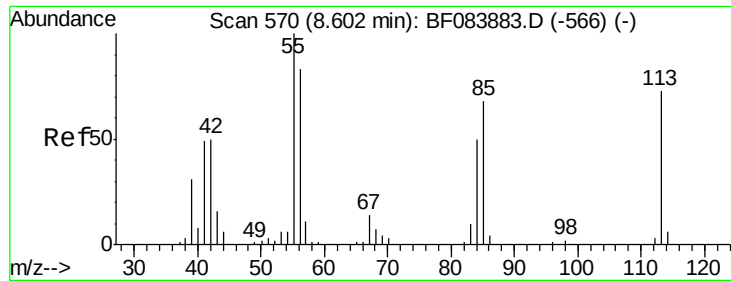


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

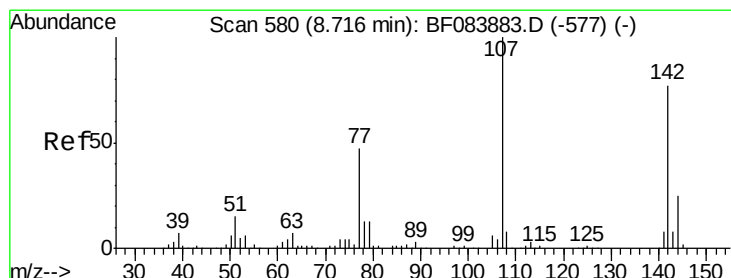
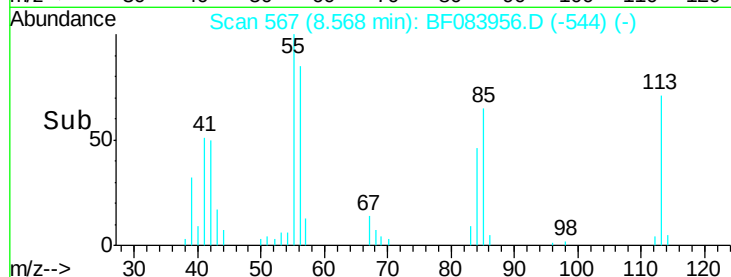
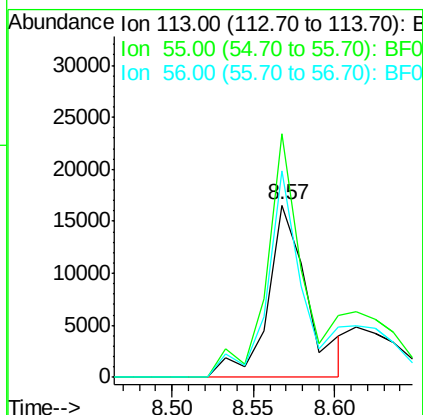
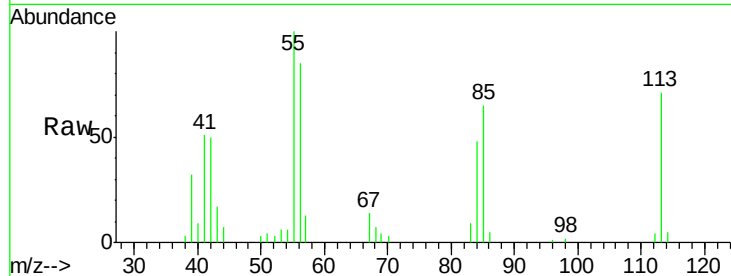




#35
 Caprolactam
 Concen: 27.17 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

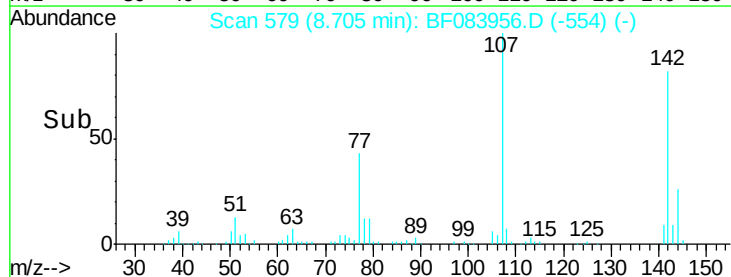
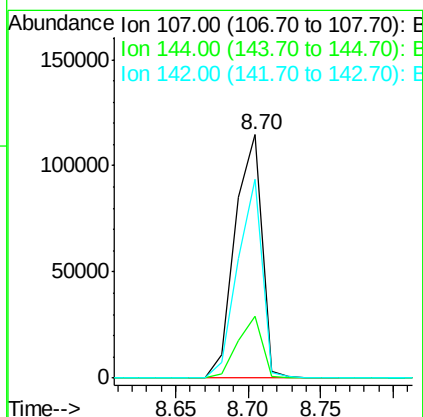
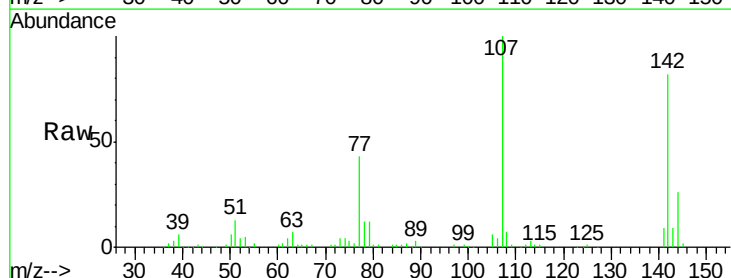
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

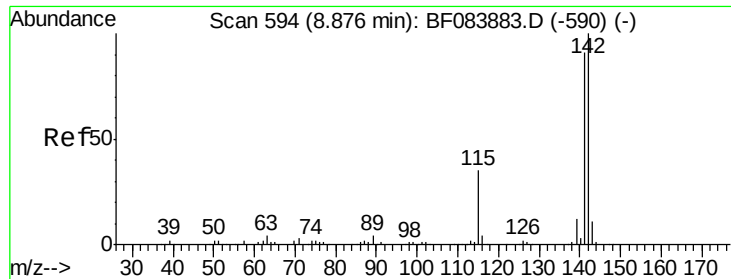
Tgt Ion:113 Resp: 28285
 Ion Ratio Lower Upper
 113 100
 55 141.6 116.9 156.9
 56 120.2 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.40 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:107 Resp: 147745
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.7 29.5
 142 81.6 61.8 92.6

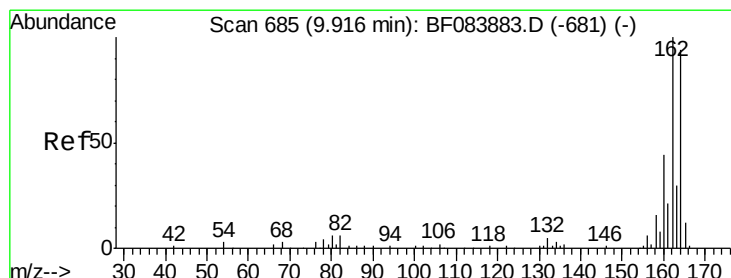
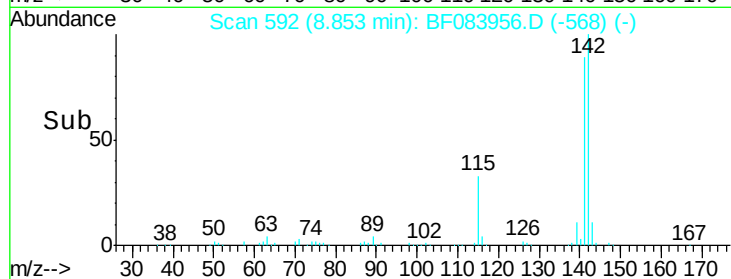
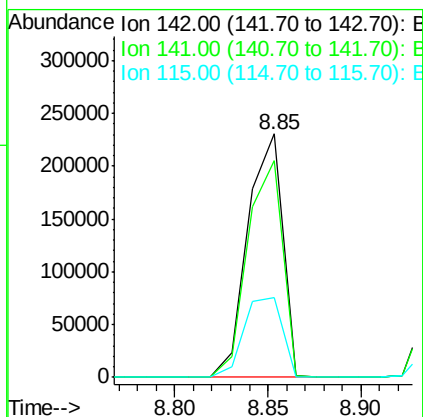
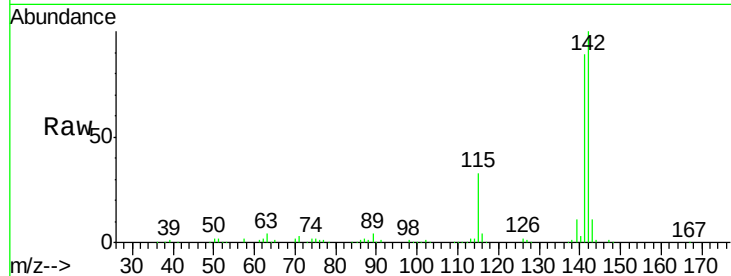




#37
 2-Methylnaphthalene
 Concen: 39.80 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

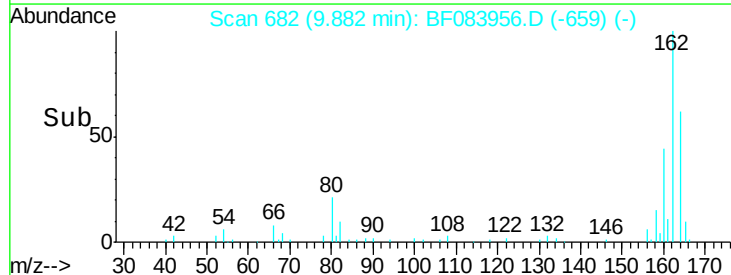
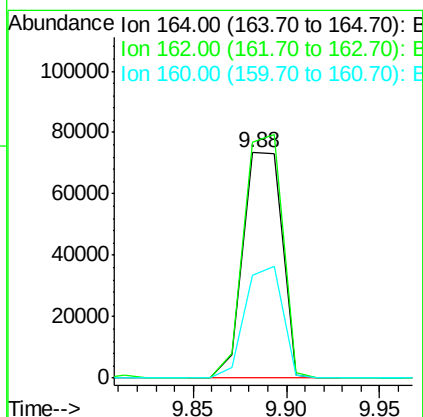
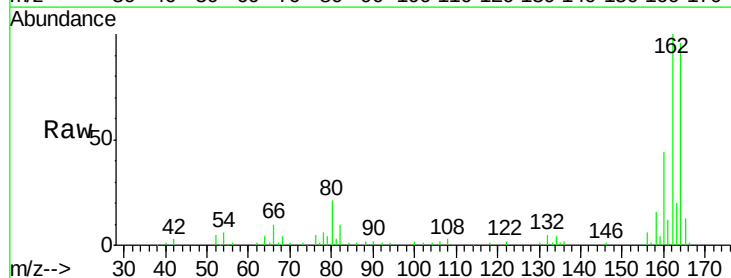
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

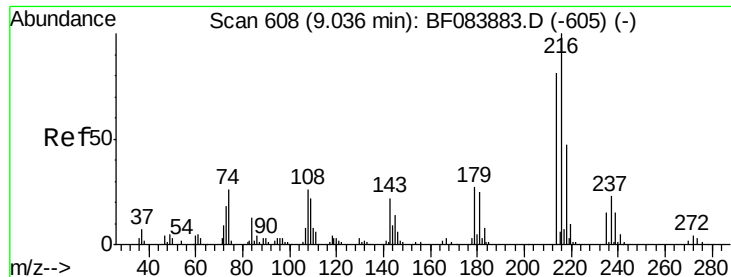
Tgt Ion:142 Resp: 297390
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.4 108.6
 115 32.9 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:164 Resp: 106429
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.1 127.7
 160 45.7 37.5 56.3

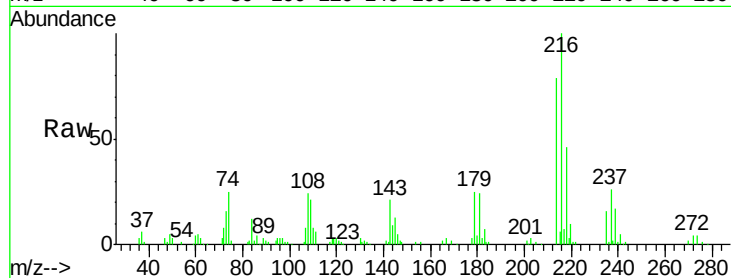




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.61 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

Tgt Ion:	216	Resp:	116125
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.2	96.2
179	23.6	18.7	28.1
108	22.5	16.8	25.2

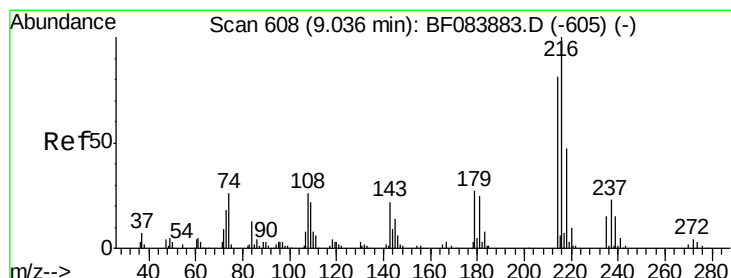
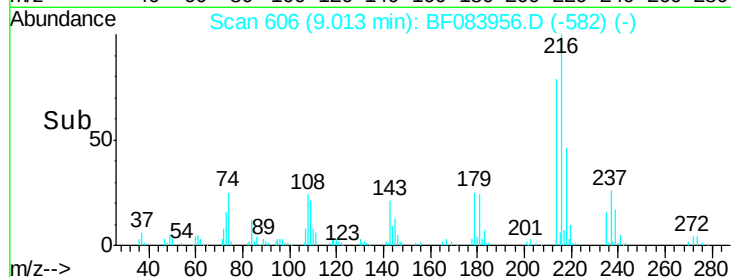
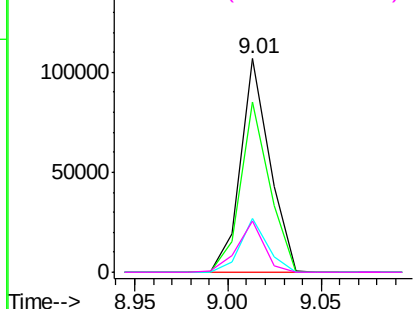


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

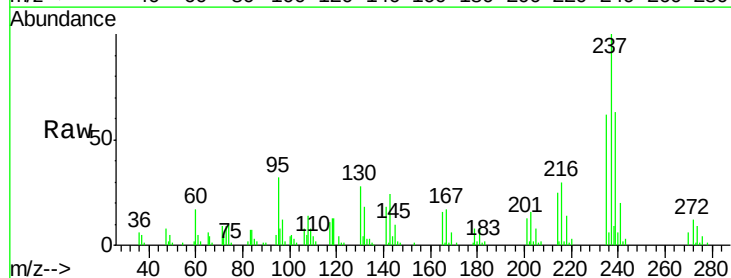
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 62.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

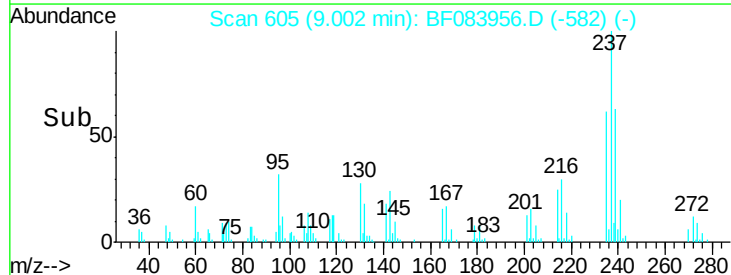
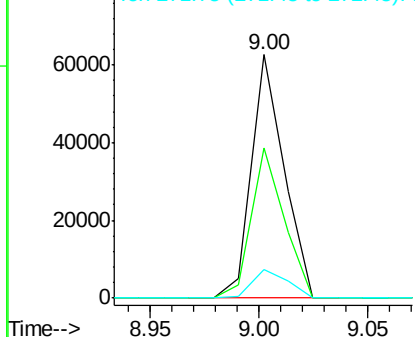
Tgt Ion:	237	Resp:	65233
Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.1	83.1
272	11.6	0.0	35.1

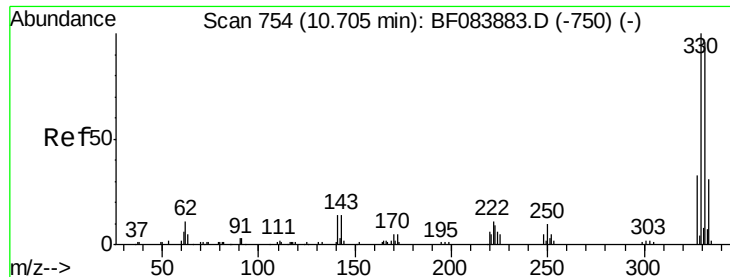


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

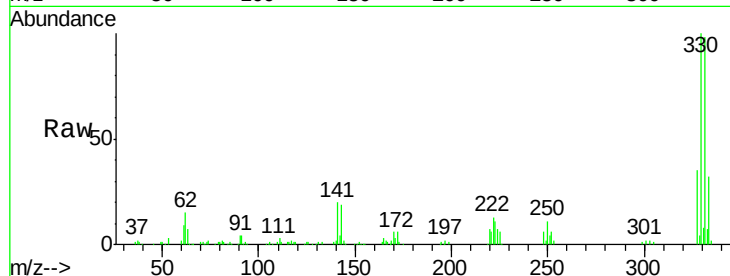




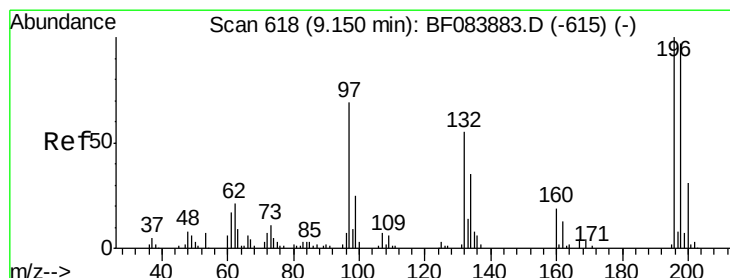
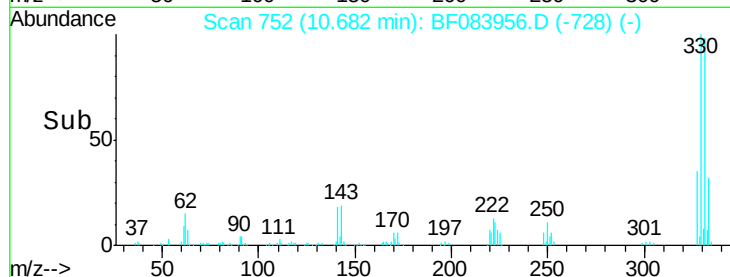
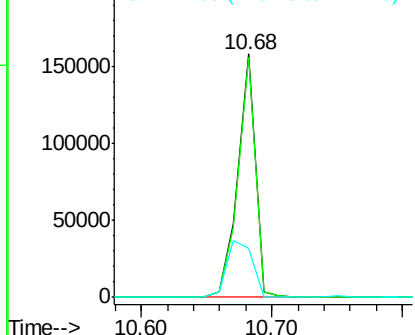
#41
 2,4,6-Tribromophenol
 Concen: 125.66 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

Tgt Ion:330 Resp: 147336
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 33.8 27.8 41.6

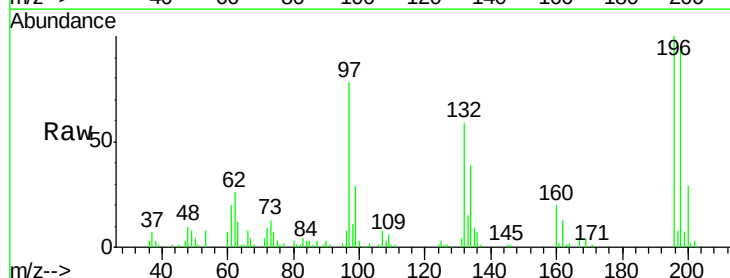


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

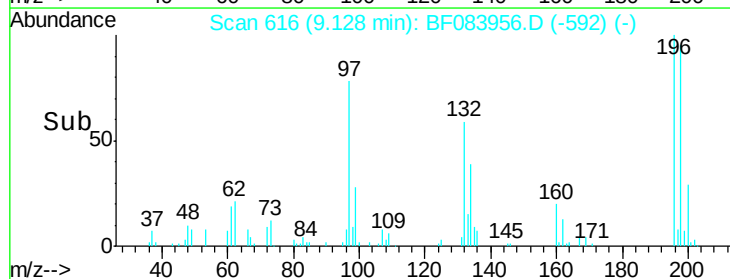
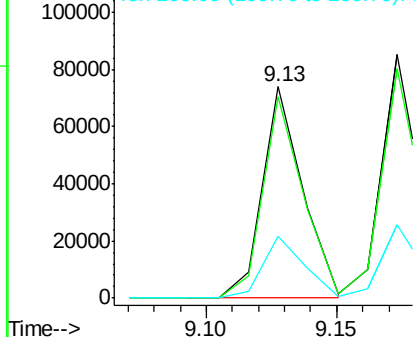


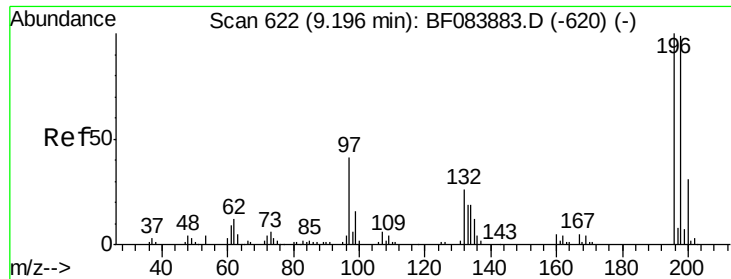
#42
 2,4,6-Trichlorophenol
 Concen: 35.82 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:196 Resp: 79359
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.7 116.5
 200 29.5 24.6 37.0



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

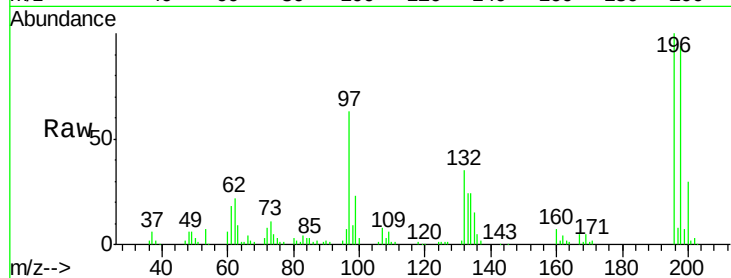




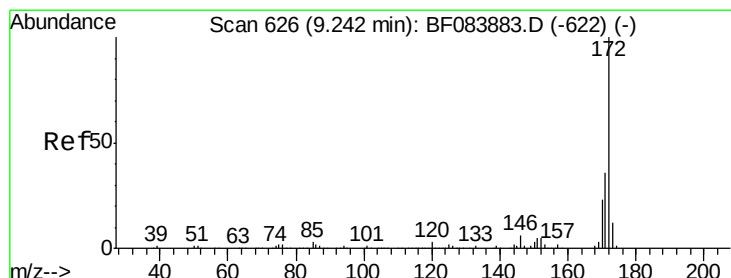
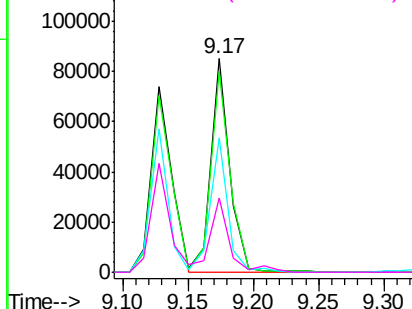
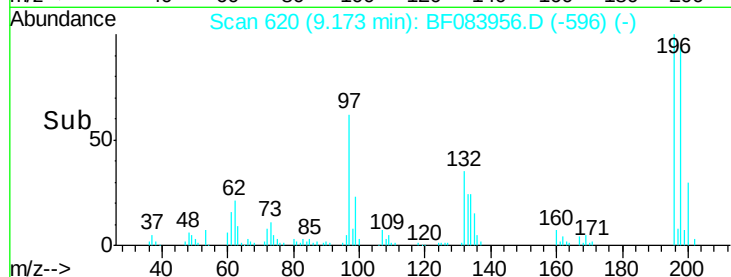
#43
 2,4,5-Trichlorophenol
 Concen: 39.11 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

Tgt Ion:196 Resp: 85750
 Ion Ratio Lower Upper
 196 100
 198 94.1 79.0 118.6
 97 62.8 33.0 49.6#
 132 34.9 21.1 31.7#

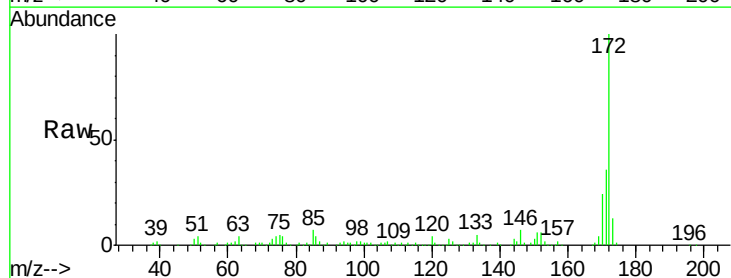


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

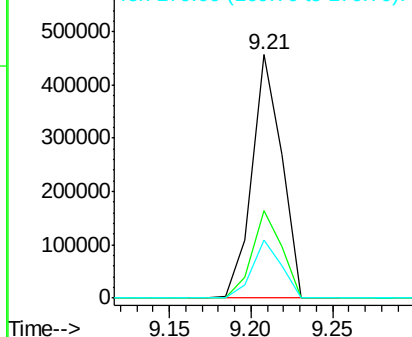
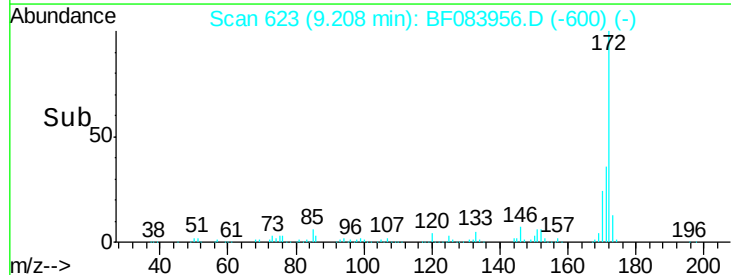


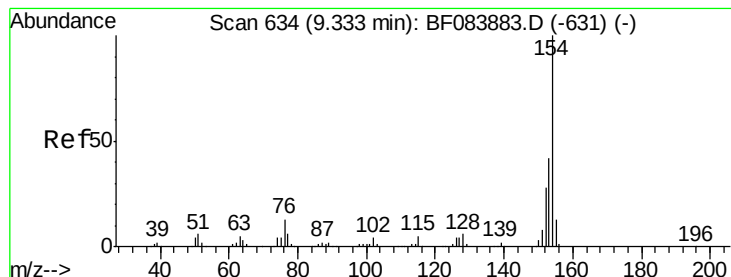
#44
 2-Fluorobiphenyl
 Concen: 74.71 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:172 Resp: 577194
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.9 18.6 27.8



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: 40.15 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

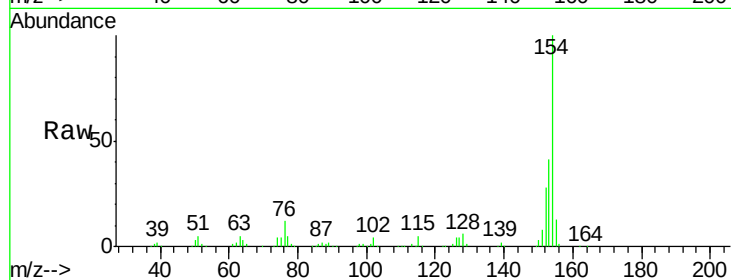
Tgt Ion:154 Resp: 360246

Ion Ratio Lower Upper

154 100

153 41.3 21.6 61.6

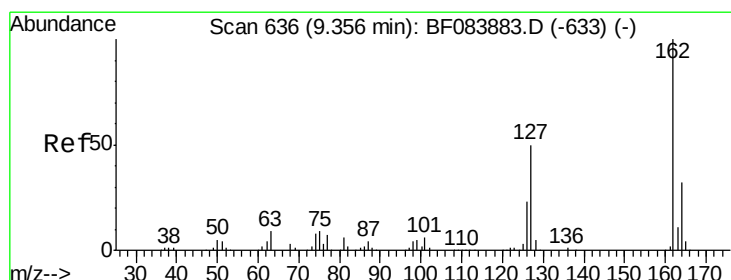
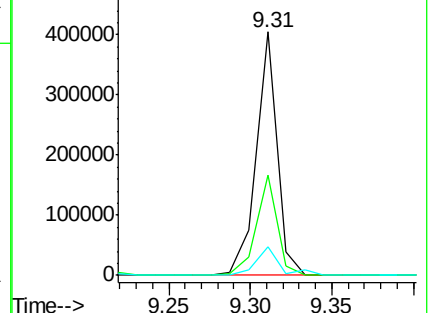
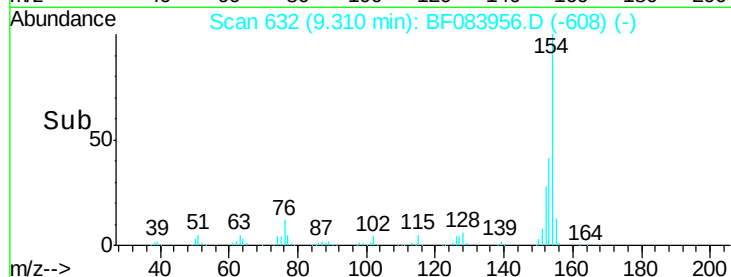
76 11.6 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.76 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

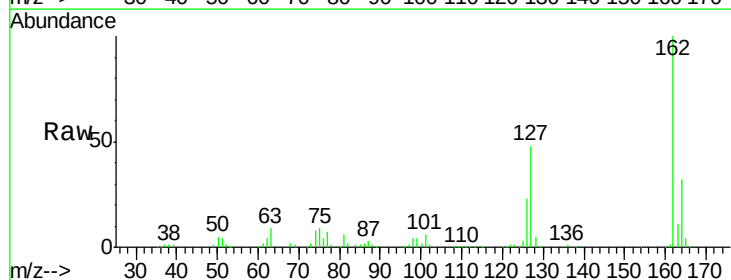
Tgt Ion:162 Resp: 259330

Ion Ratio Lower Upper

162 100

127 48.4 40.2 60.4

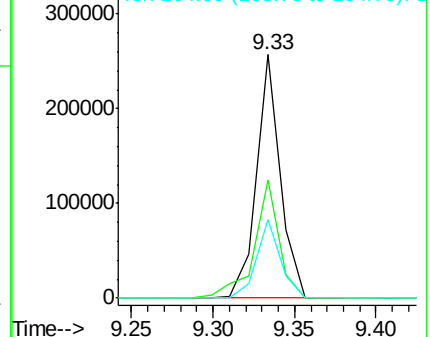
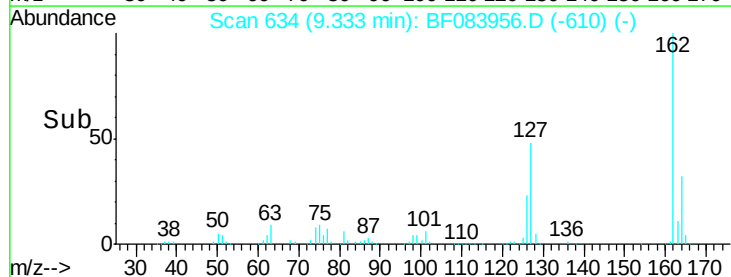
164 32.1 25.7 38.5

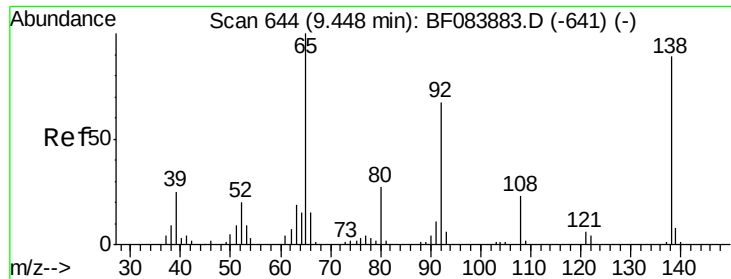


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

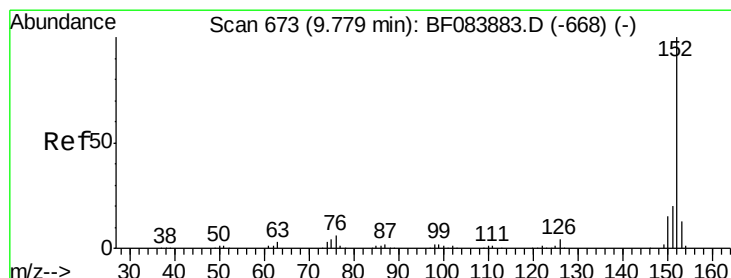
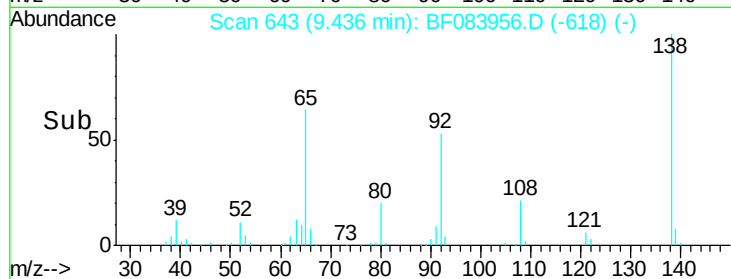
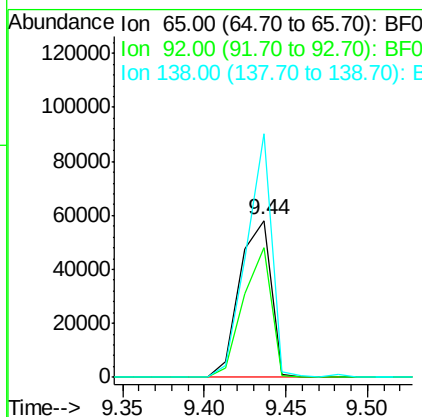
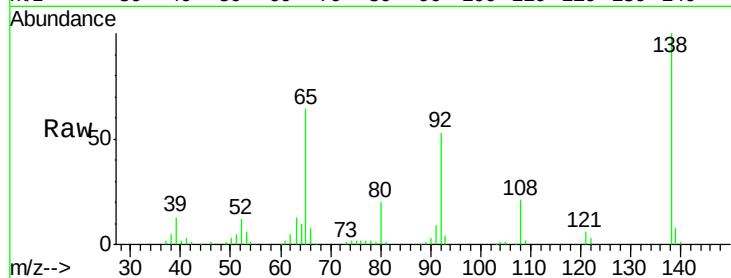




#47
 2-Nitroaniline
 Concen: 36.62 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

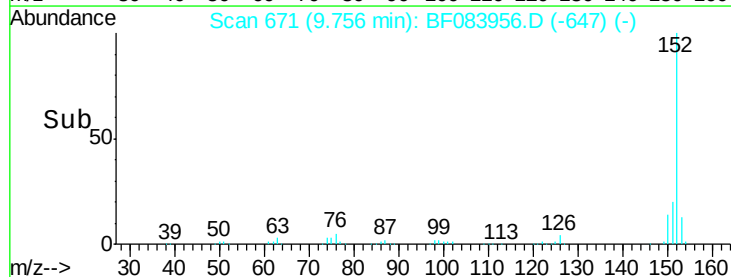
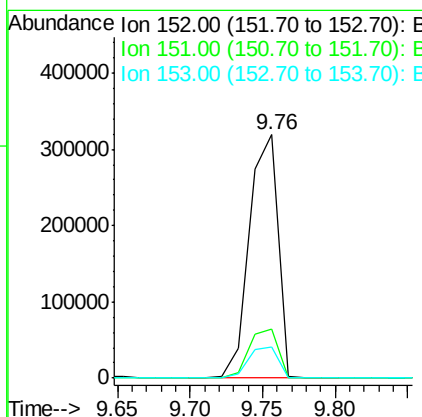
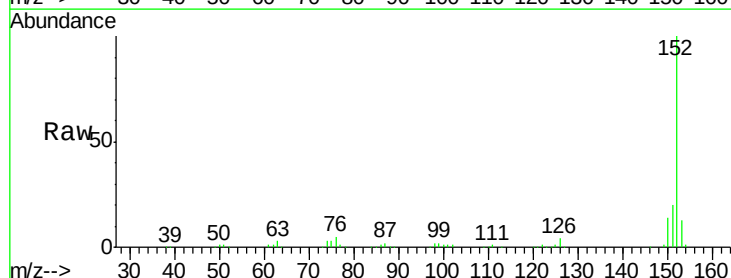
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

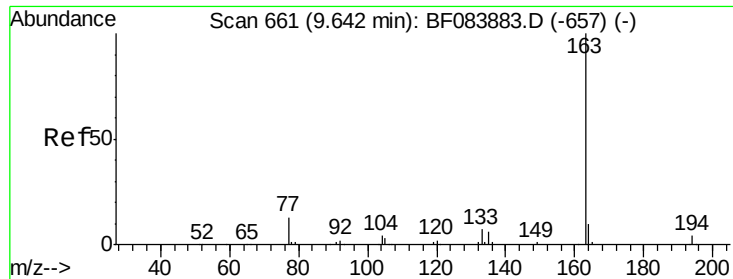
Tgt Ion: 65 Resp: 77073
 Ion Ratio Lower Upper
 65 100
 92 83.1 53.4 80.2#
 138 155.4 71.1 106.7#



#48
 Acenaphthylene
 Concen: 35.20 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion: 152 Resp: 436814
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 12.9 10.4 15.6





#49

Dimethylphthalate

Concen: 38.68 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

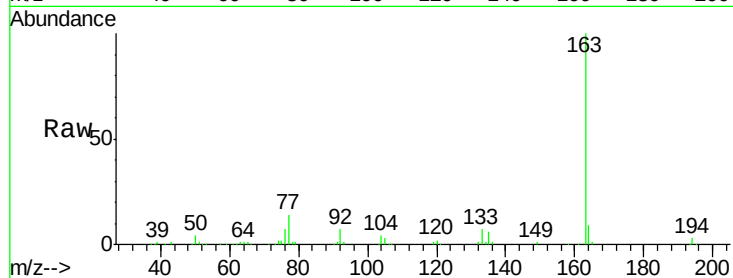
Tgt Ion:163 Resp: 345423

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

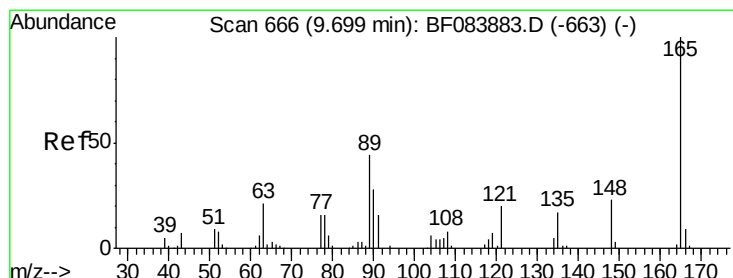
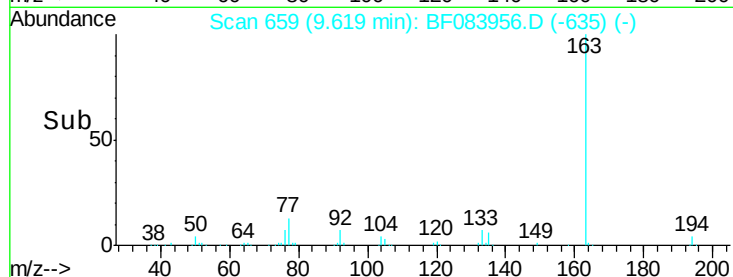
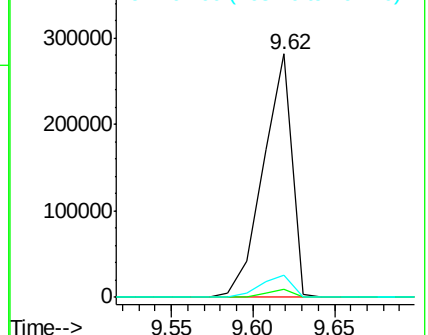
164 9.2 8.0 12.0



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: 39.82 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

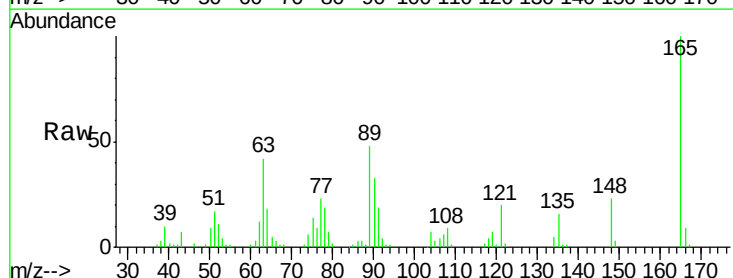
Tgt Ion:165 Resp: 77570

Ion Ratio Lower Upper

165 100

63 42.5 28.8 43.2

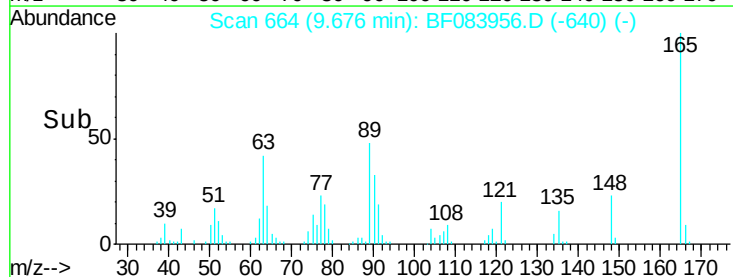
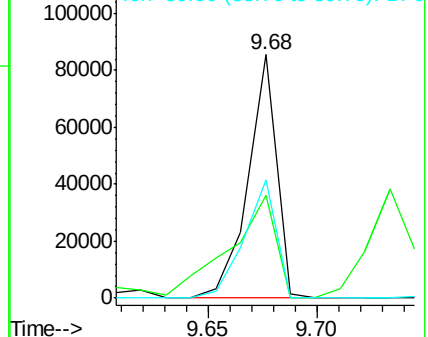
89 48.5 35.1 52.7

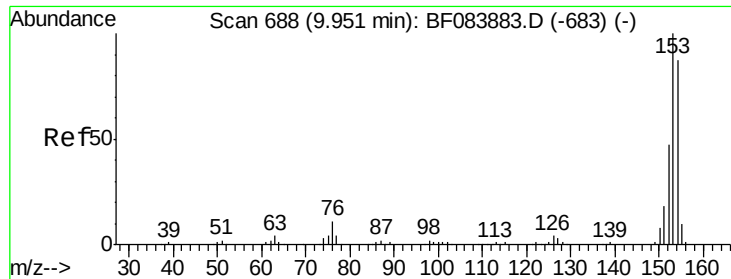


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.70 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

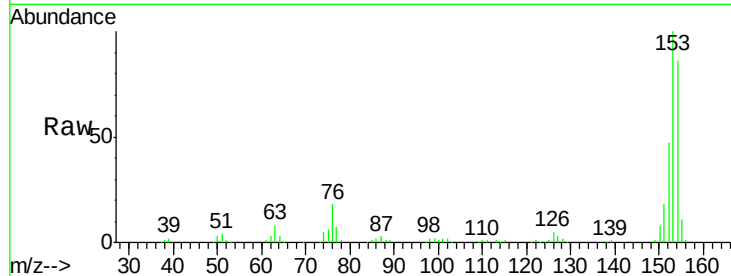
Tgt Ion:154 Resp: 287573

Ion Ratio Lower Upper

154 100

153 115.7 91.5 137.3

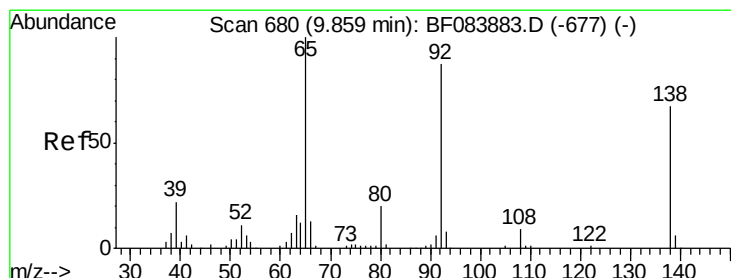
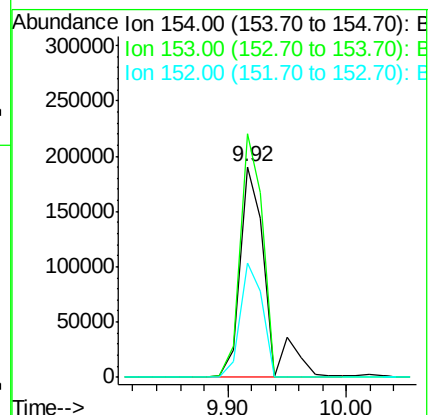
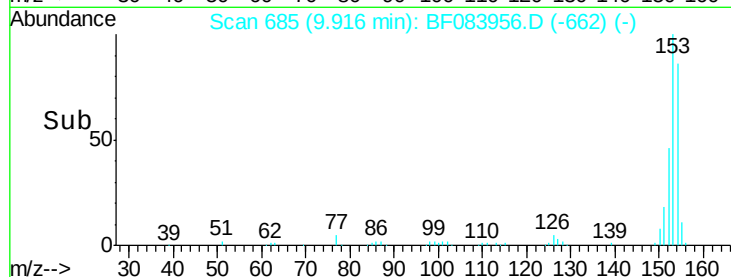
152 54.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.71 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

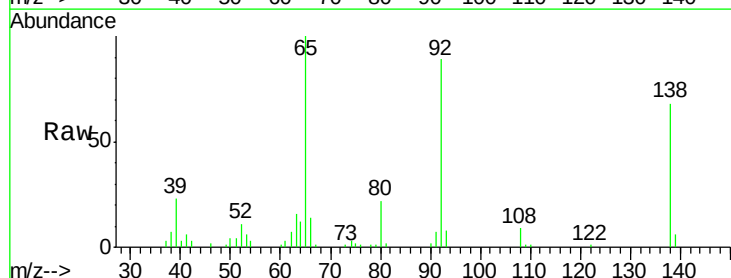
Tgt Ion:138 Resp: 32258

Ion Ratio Lower Upper

138 100

108 12.6 10.5 15.7

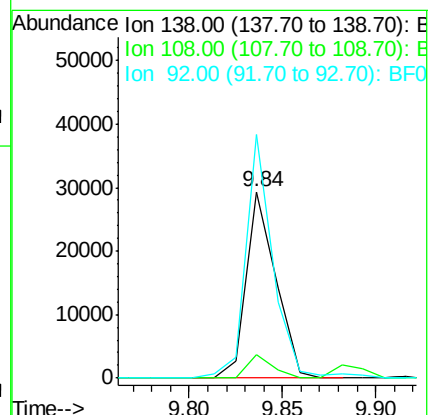
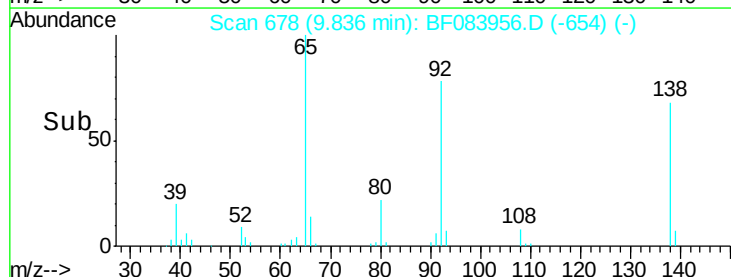
92 130.6 103.9 155.9

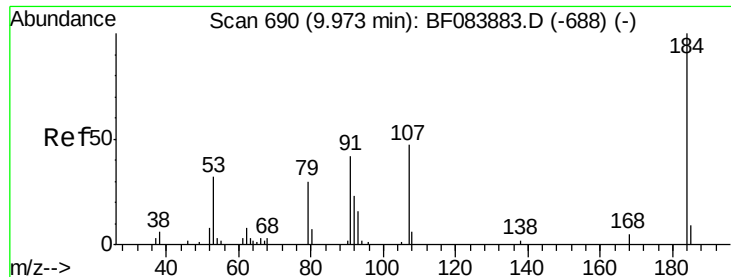


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

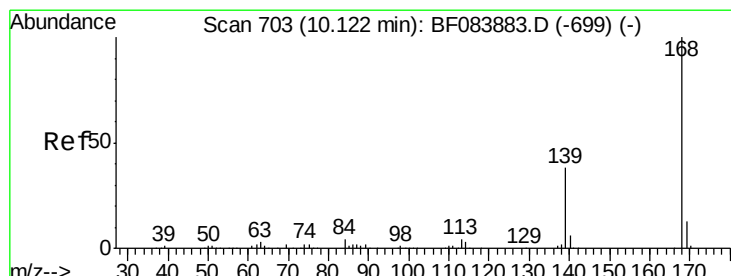
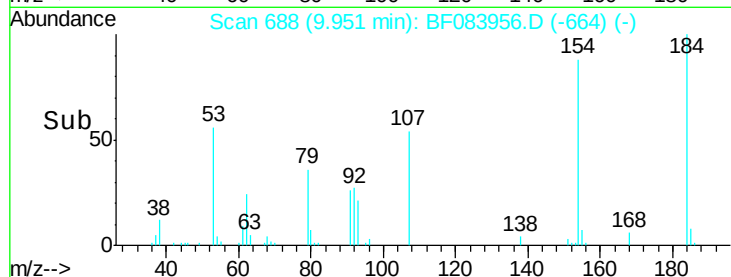
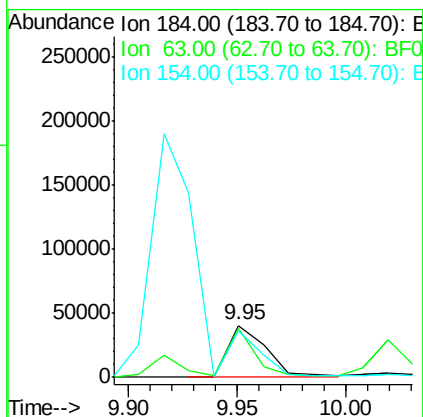
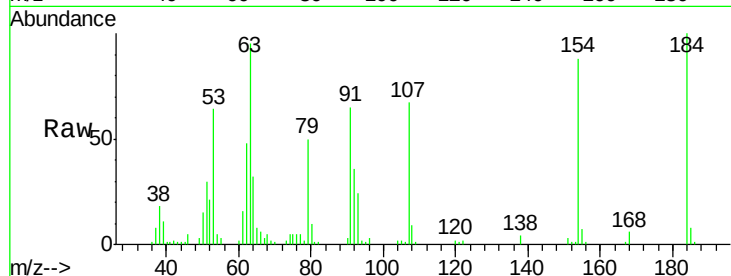




#53
2,4-Dinitrophenol
Concen: 72.27 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

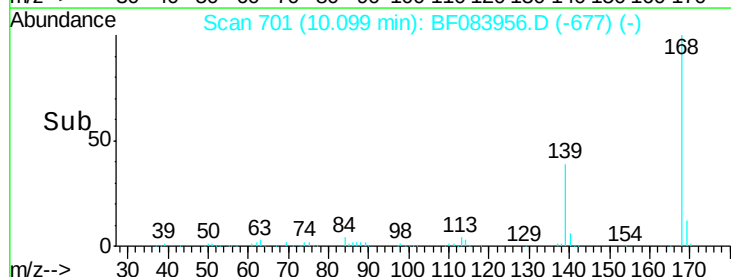
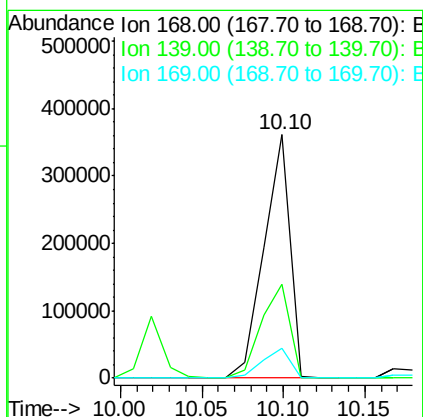
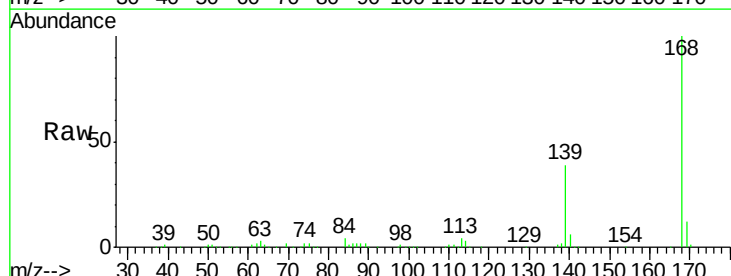
Instrument :
BNA_F
ClientSampleId :
PB87359BS

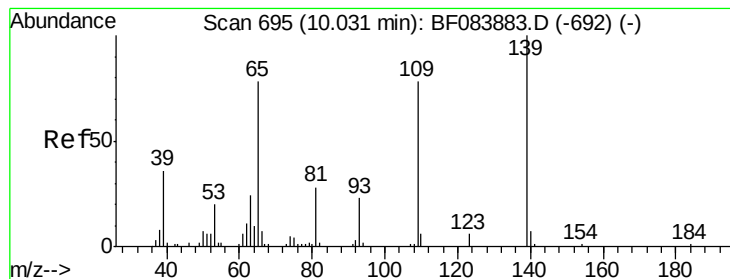
Tgt Ion:184 Resp: 49749
Ion Ratio Lower Upper
184 100
63 94.6 43.1 64.7#
154 88.2 60.5 90.7



#54
Dibenzofuran
Concen: 40.35 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion:168 Resp: 399811
Ion Ratio Lower Upper
168 100
139 38.8 30.5 45.7
169 12.4 10.4 15.6





#55

4-Nitrophenol

Concen: 67.57 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

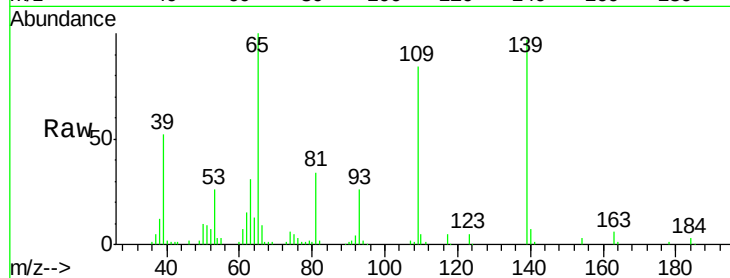
Tgt Ion:139 Resp: 86617

Ion Ratio Lower Upper

139 100

109 87.0 58.5 98.5

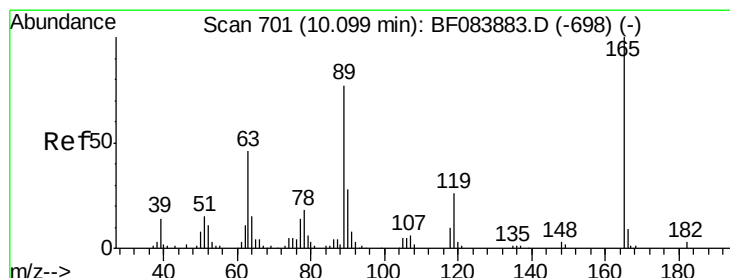
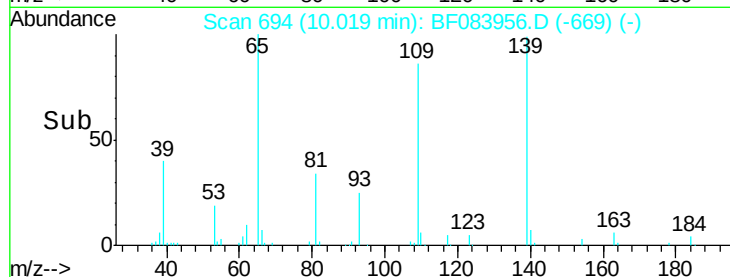
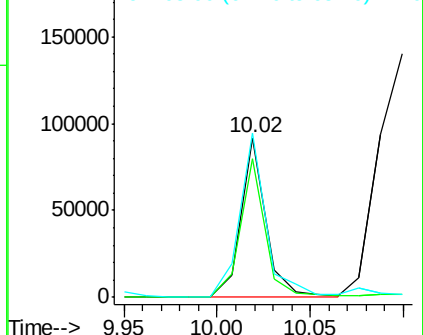
65 103.2 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.86 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Tgt Ion:165 Resp: 89541

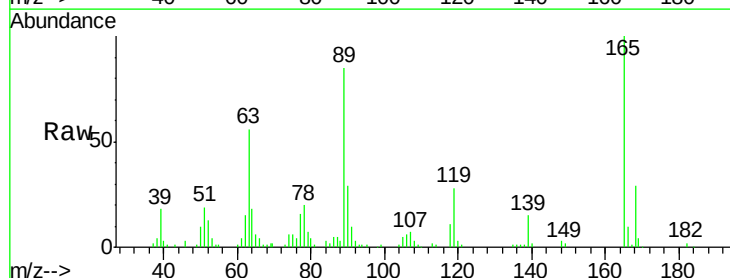
Ion Ratio Lower Upper

165 100

63 55.9 36.7 55.1#

89 85.1 61.9 92.9

182 2.2 2.0 3.0

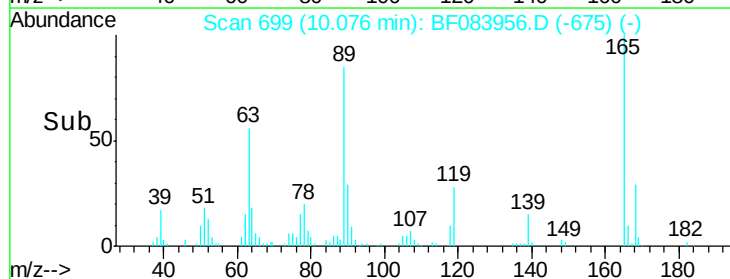
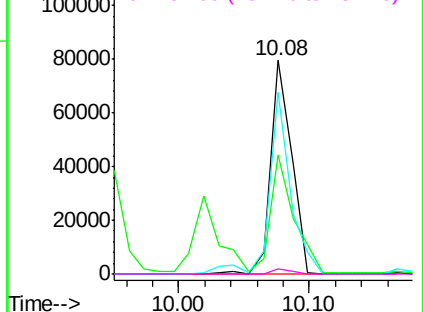


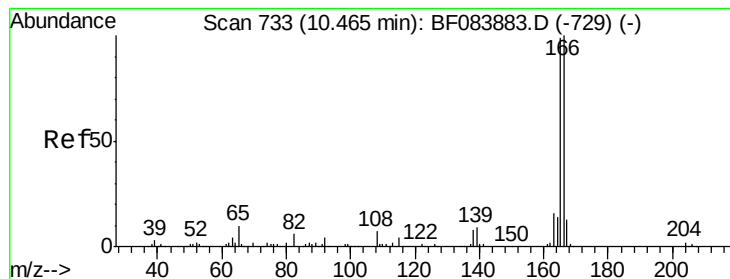
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.36 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

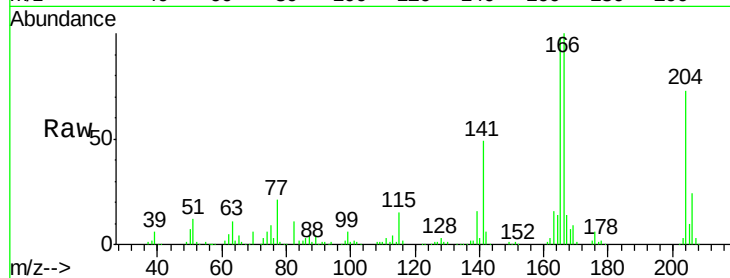
Tgt Ion:166 Resp: 299455

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

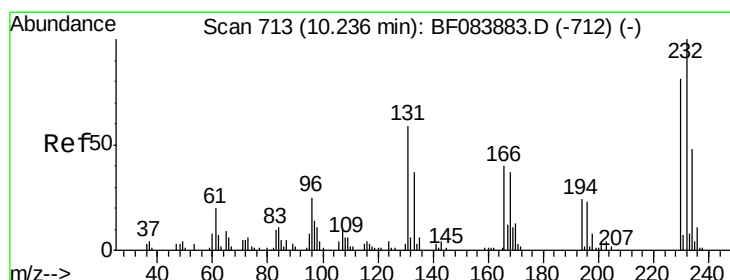
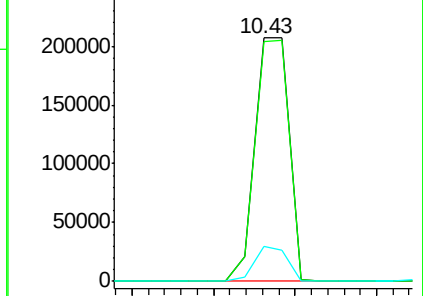
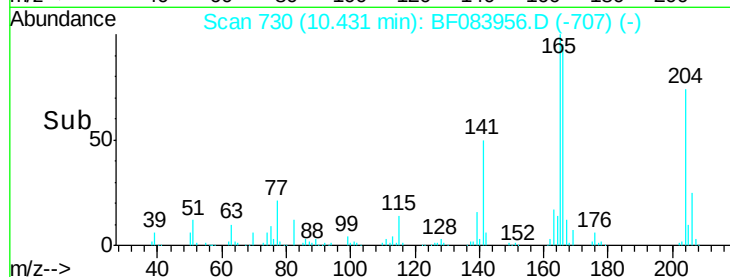
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.33 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Tgt Ion:232 Resp: 67043

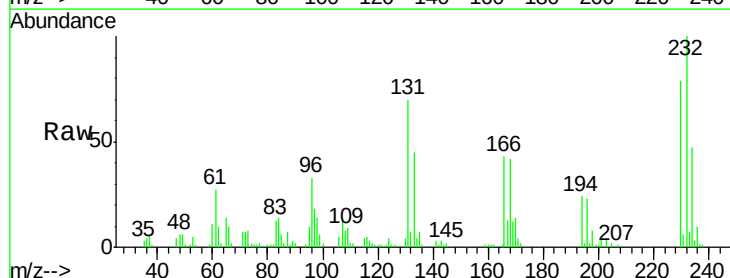
Ion Ratio Lower Upper

232 100

131 56.3 47.0 70.6

130 2.8 2.0 3.0

166 35.8 30.5 45.7

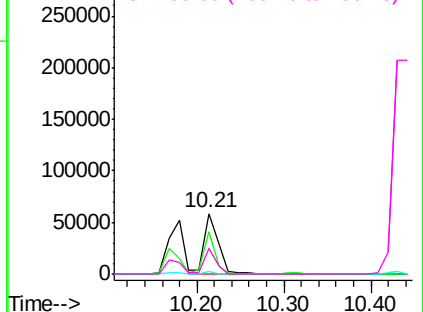
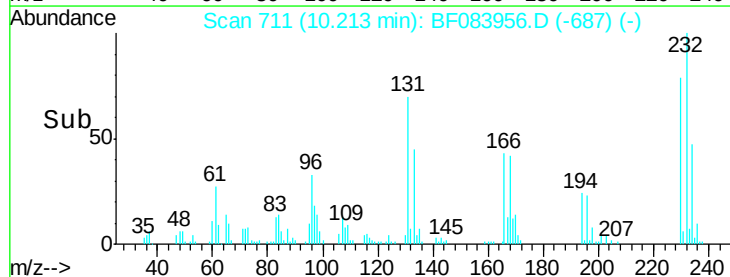


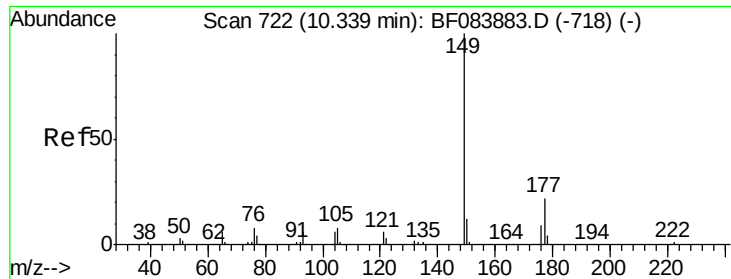
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

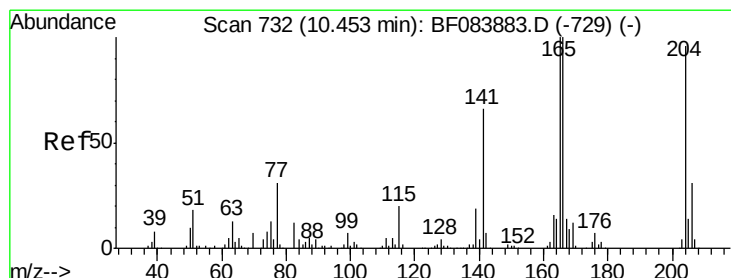
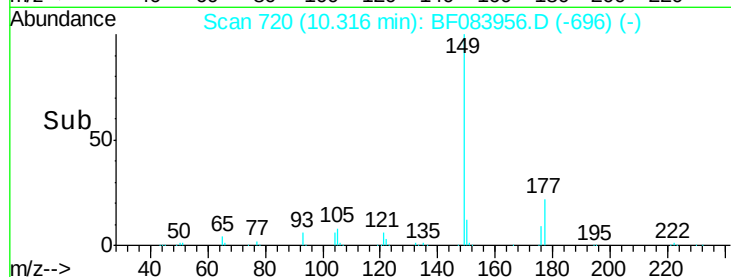
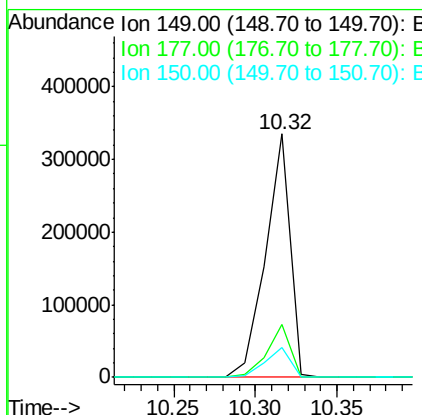
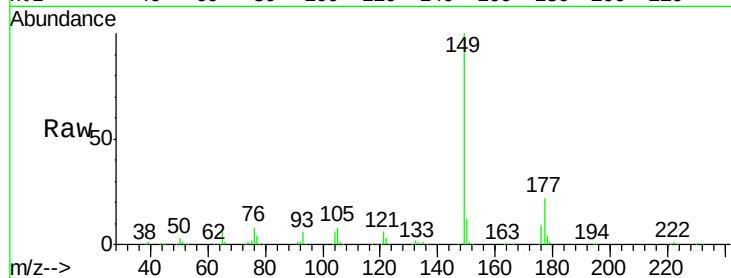




#59
Diethylphthalate
Concen: 37.95 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

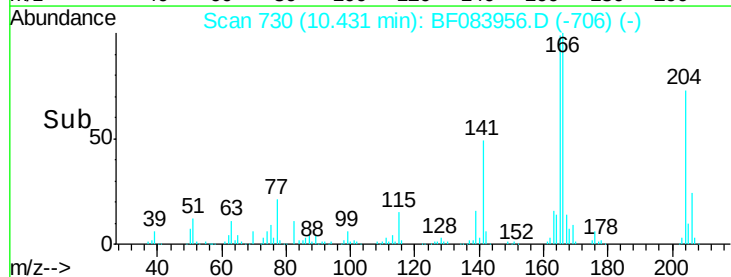
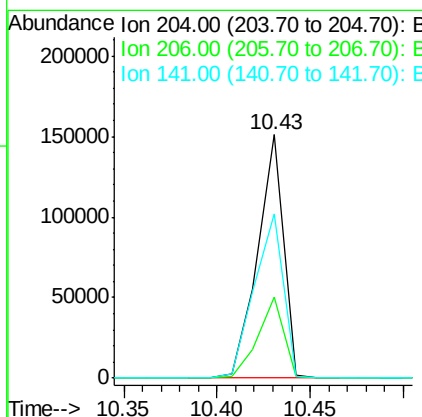
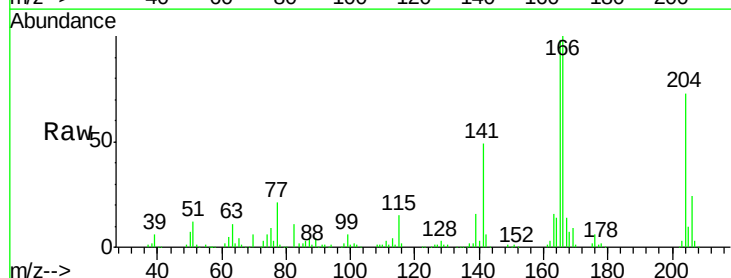
Instrument :
BNA_F
ClientSampleId :
PB87359BS

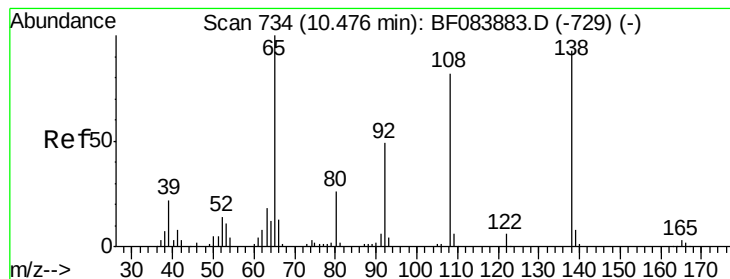
Tgt Ion:149 Resp: 350392
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.07 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion:204 Resp: 144570
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 67.3 55.1 82.7





#61

4-Nitroaniline

Concen: 29.09 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

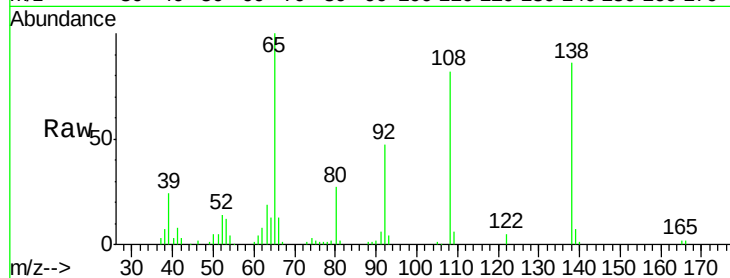
Tgt Ion:138 Resp: 61811

Ion Ratio Lower Upper

138 100

92 54.5 32.6 72.6

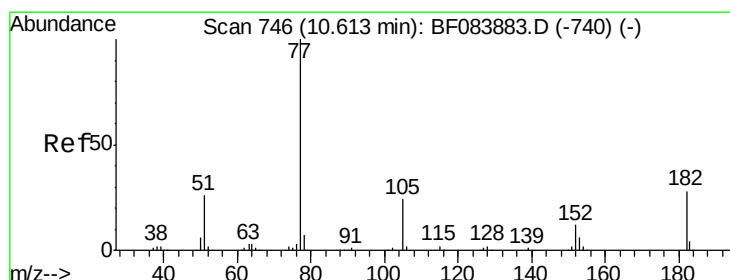
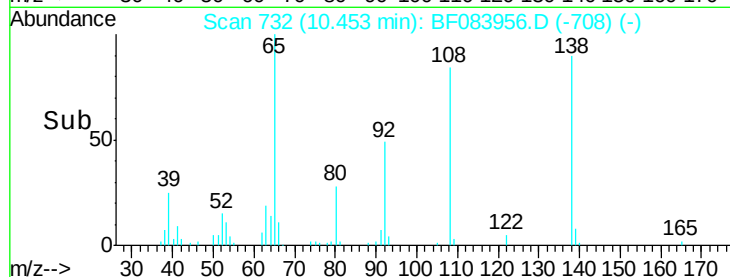
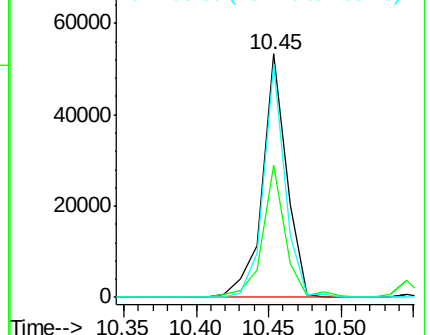
108 95.7 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.66 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Tgt Ion: 77 Resp: 322403

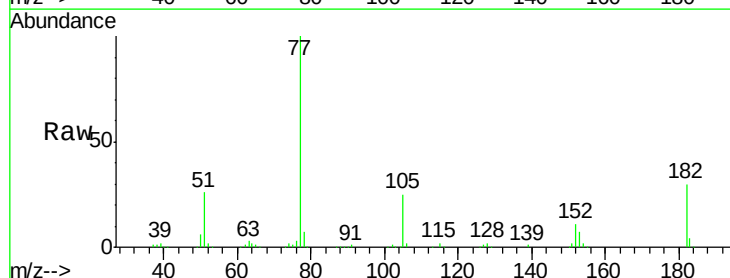
Ion Ratio Lower Upper

77 100

182 30.1 8.3 48.3

105 25.1 4.6 44.6

51 26.0 6.2 46.2

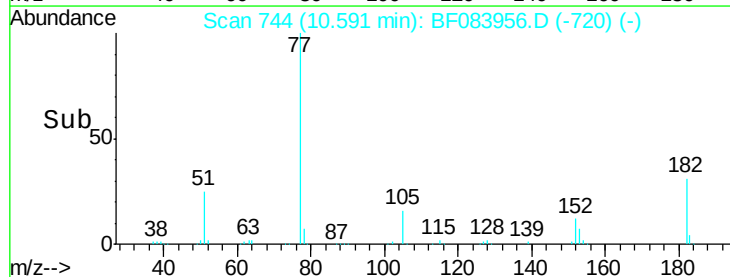
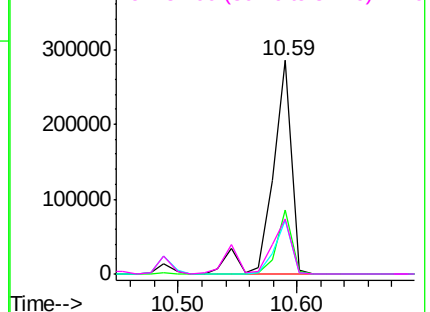


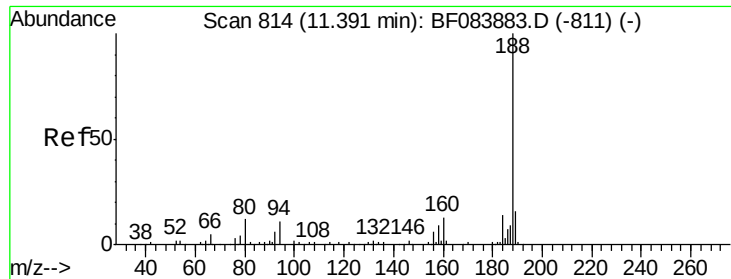
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

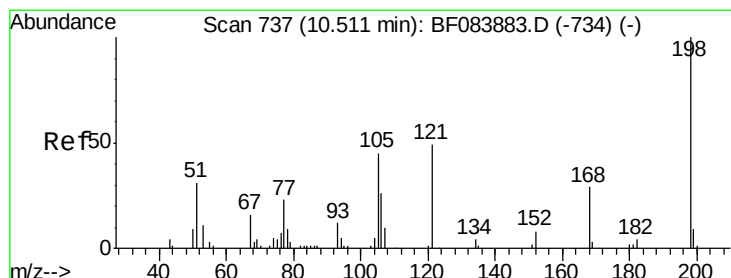
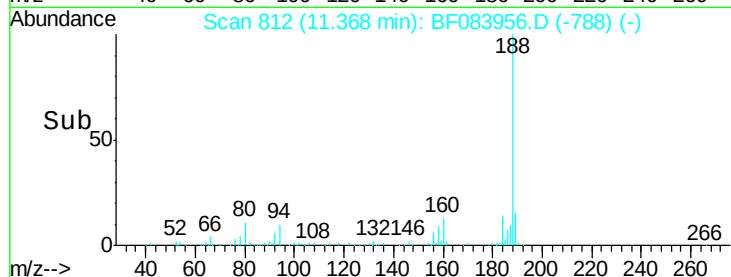
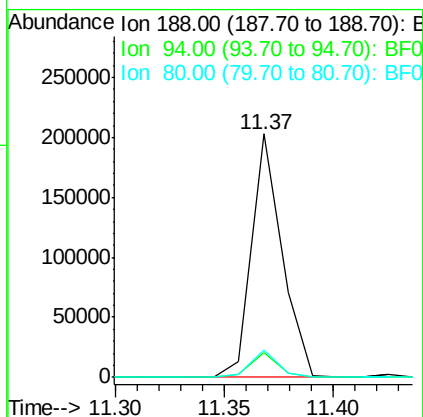
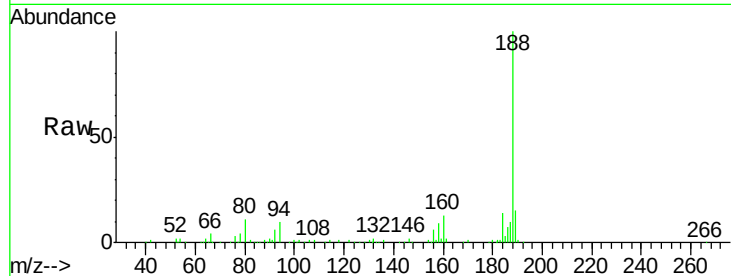




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

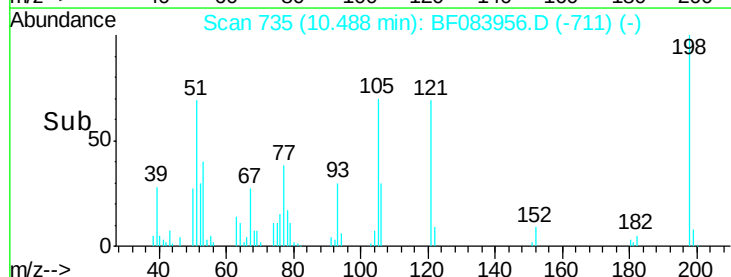
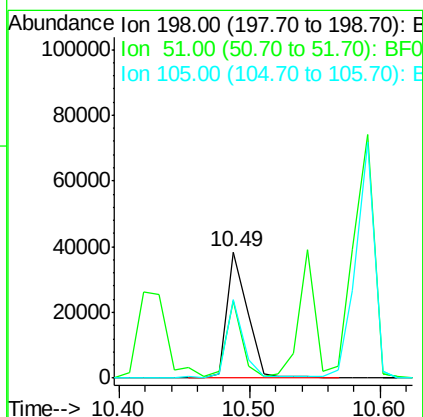
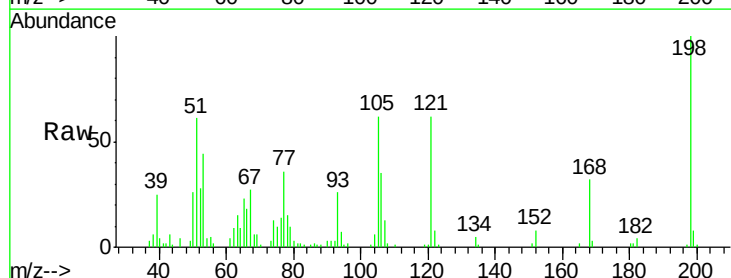
Instrument :
BNA_F
ClientSampleId :
PB87359BS

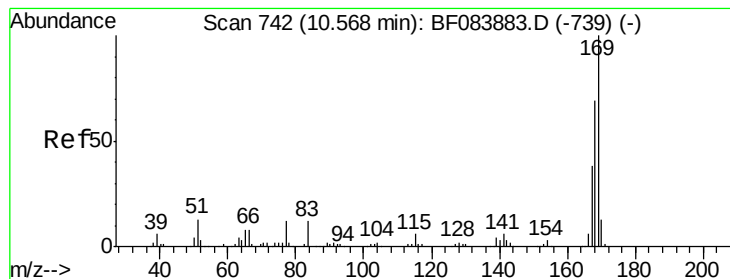
Tgt Ion:188 Resp: 197347
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.1 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 35.86 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion:198 Resp: 42179
Ion Ratio Lower Upper
198 100
51 61.4 18.9 58.9#
105 61.8 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 35.71 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

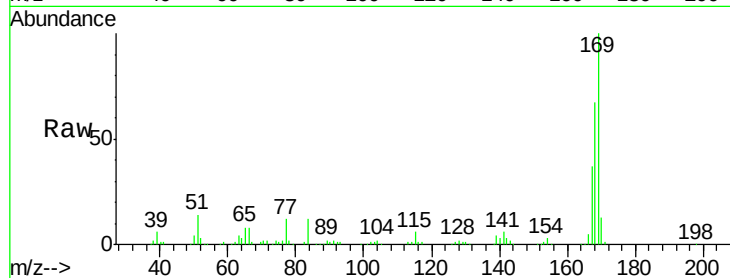
Tgt Ion:169 Resp: 256451

Ion Ratio Lower Upper

169 100

168 67.4 55.1 82.7

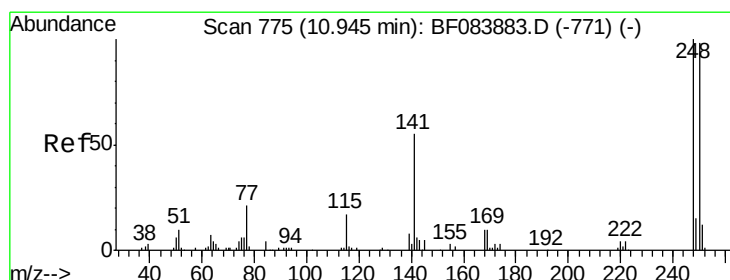
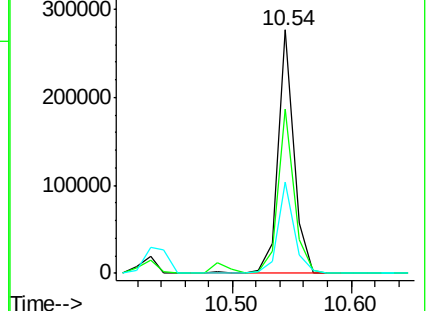
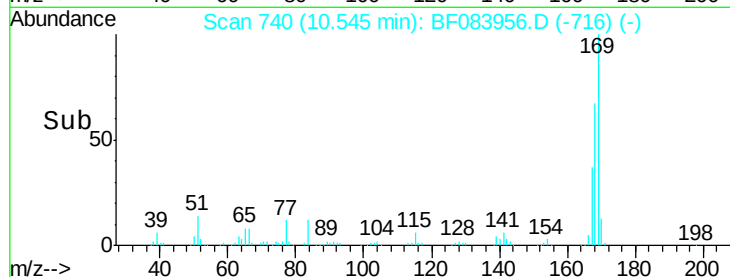
167 37.3 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.90 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

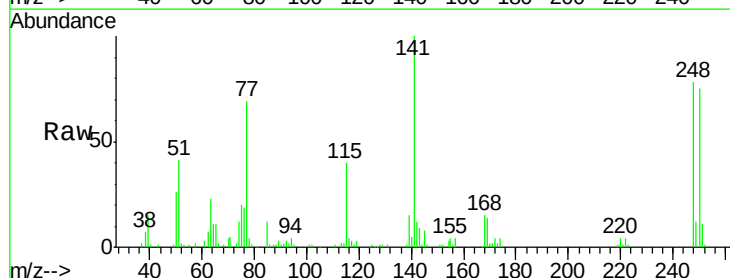
Tgt Ion:248 Resp: 86615

Ion Ratio Lower Upper

248 100

250 95.6 78.4 117.6

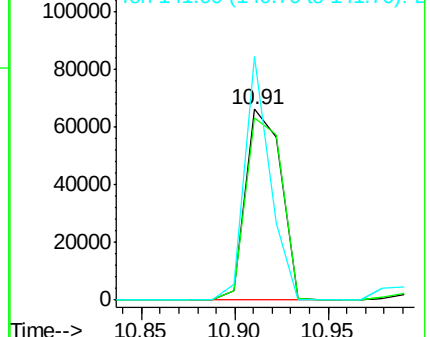
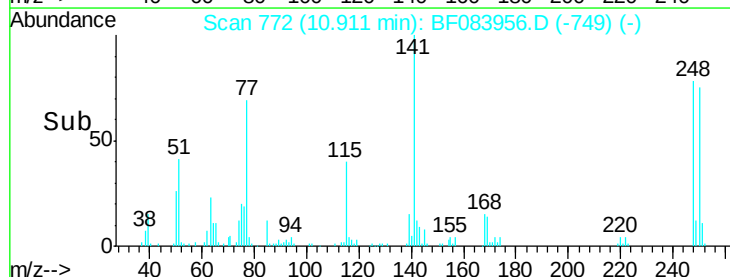
141 127.6 44.0 66.0#

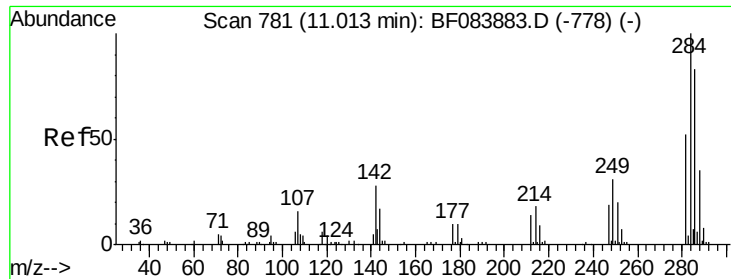


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

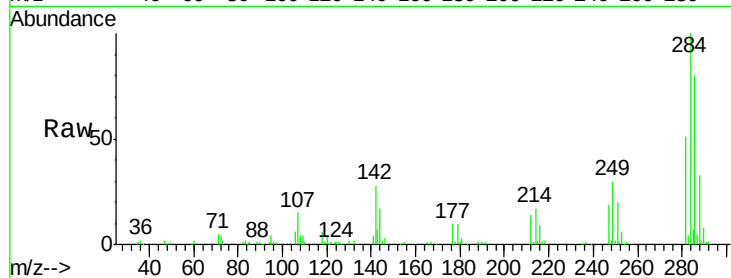




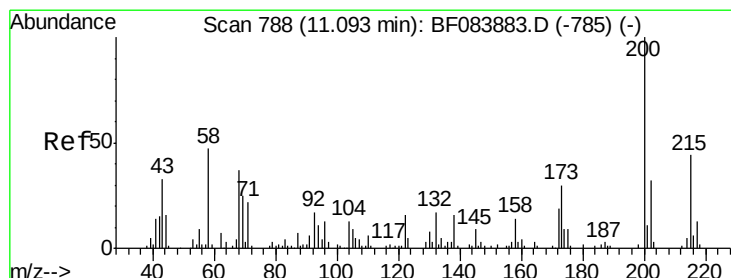
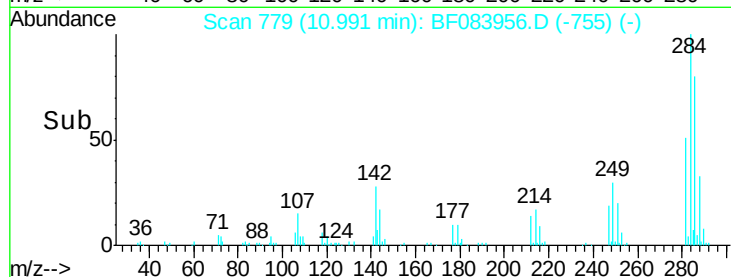
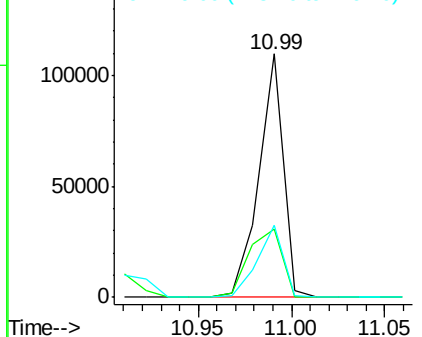
#67
Hexachlorobenzene
Concen: 39.70 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB87359BS

Tgt Ion:284 Resp: 100849
Ion Ratio Lower Upper
284 100
142 28.0 22.2 33.4
249 29.8 24.6 37.0

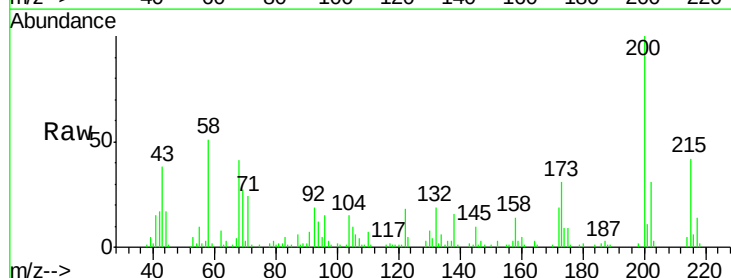


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

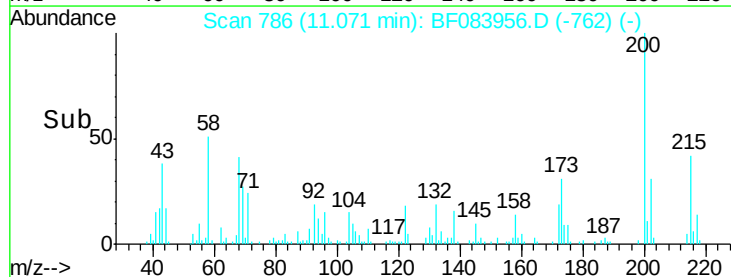
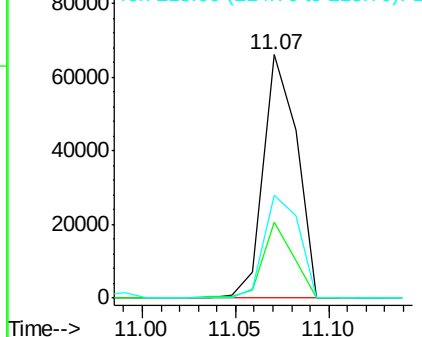


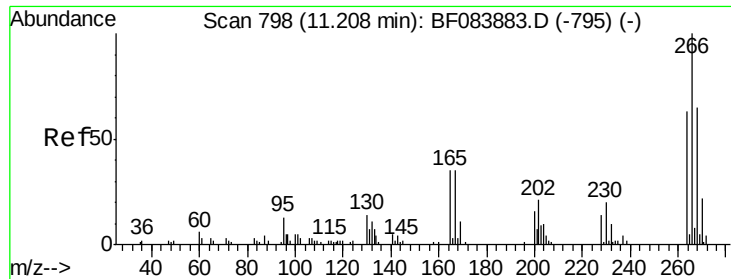
#68
Atrazine
Concen: 36.05 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion:200 Resp: 82013
Ion Ratio Lower Upper
200 100
173 31.2 9.5 49.5
215 42.2 23.8 63.8



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

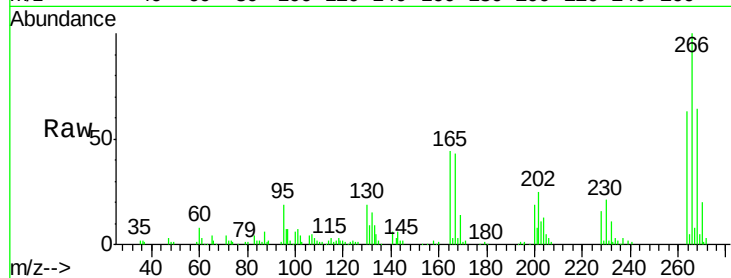




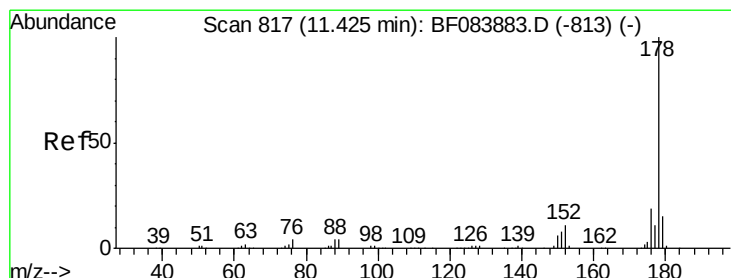
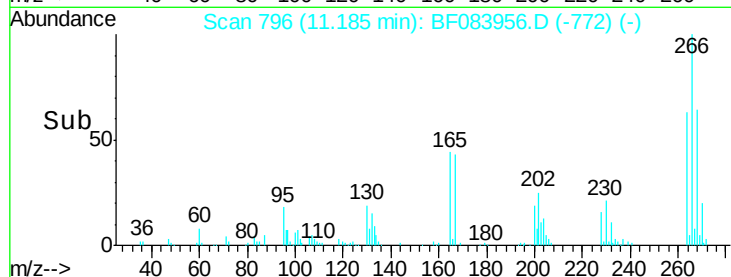
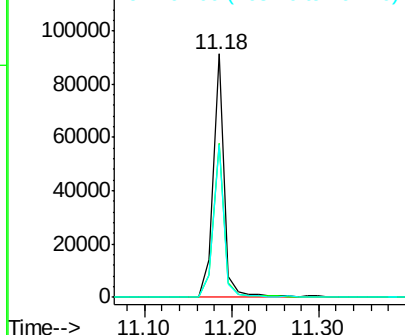
#69
 Pentachlorophenol
 Concen: 76.67 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

Tgt Ion: 266 Resp: 82429
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.4 78.6
 264 62.6 50.2 75.2

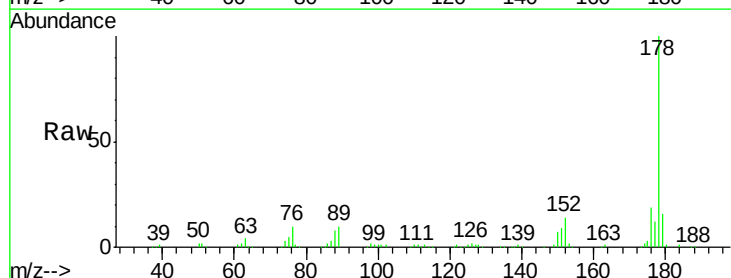


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

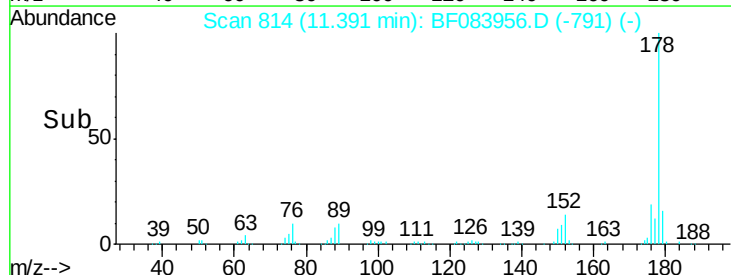
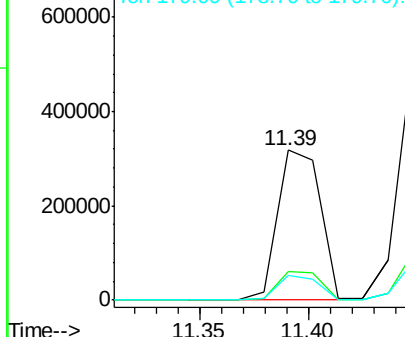


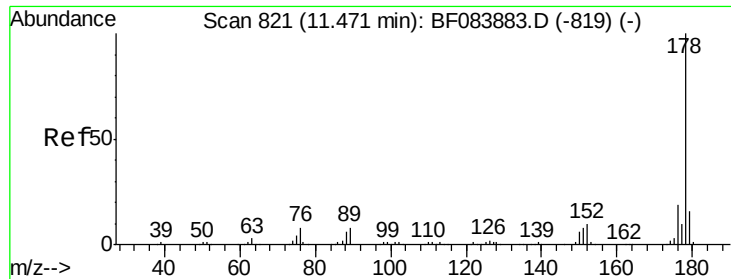
#70
 Phenanthrene
 Concen: 36.64 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion: 178 Resp: 436842
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 16.1 12.0 18.0



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

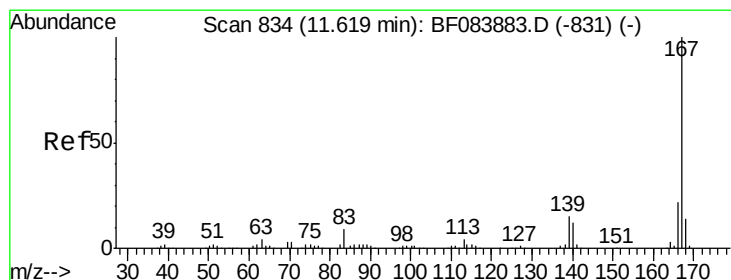
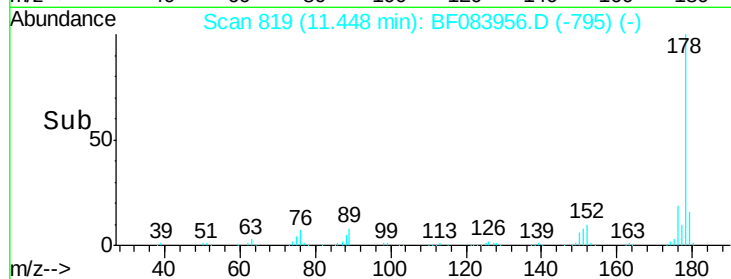
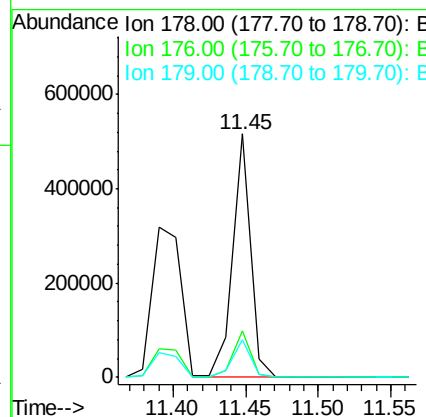
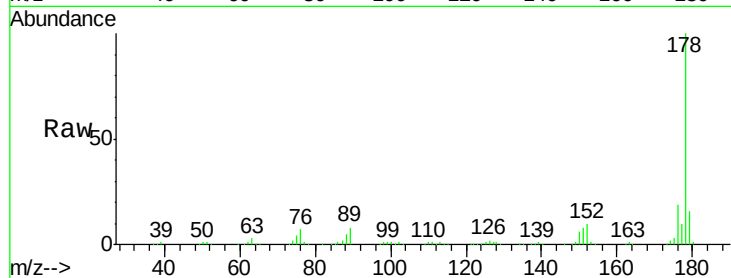




#71
 Anthracene
 Concen: 38.52 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

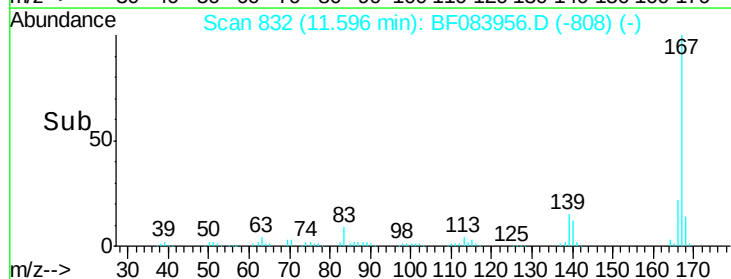
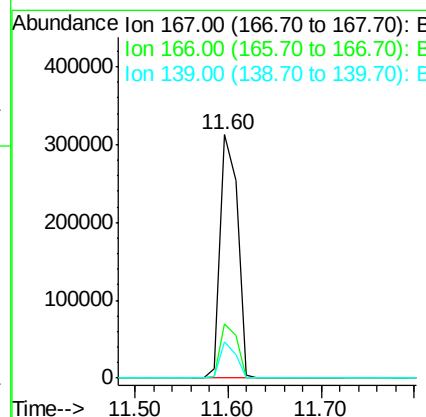
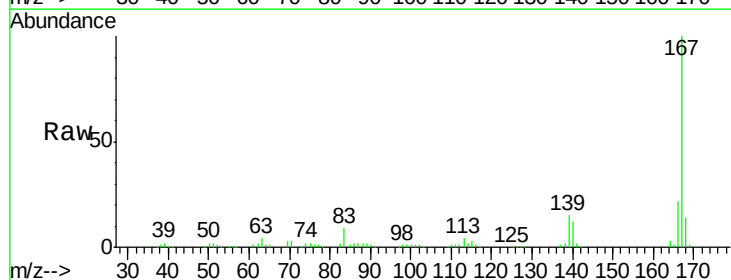
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

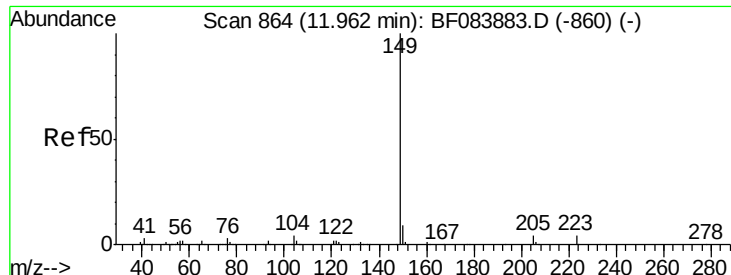
Tgt Ion:178 Resp: 443962
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 35.25 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:167 Resp: 401453
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 15.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 39.24 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

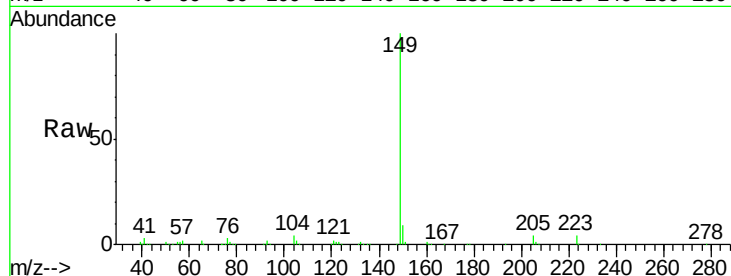
Tgt Ion:149 Resp: 524980

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

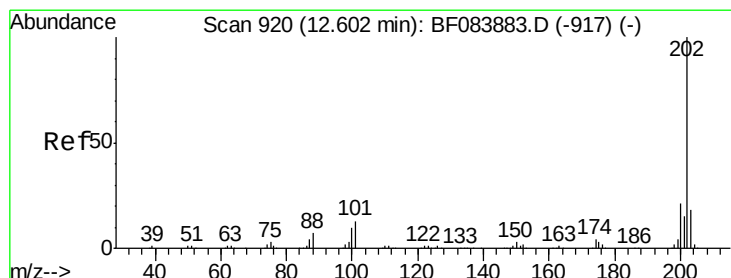
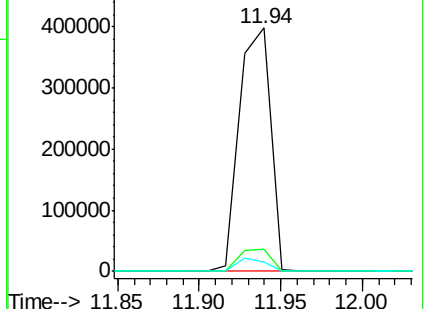
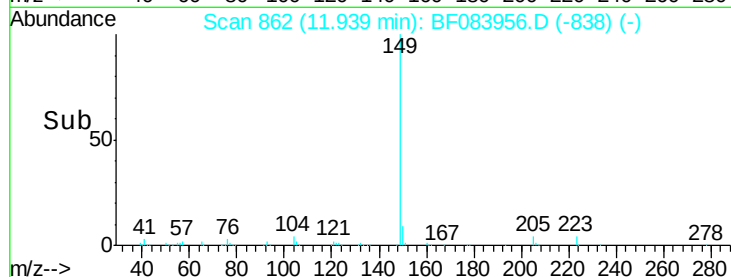
104 3.7 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.61 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

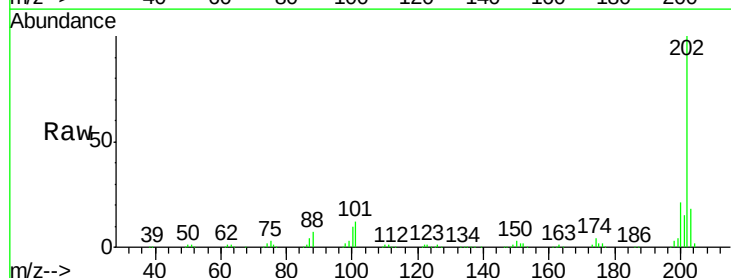
Tgt Ion:202 Resp: 423679

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.8

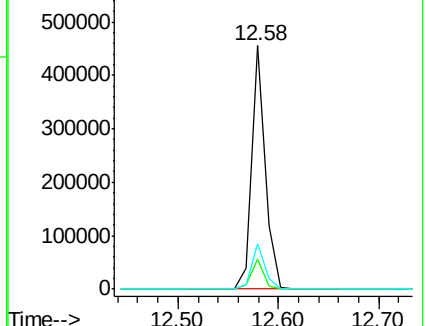
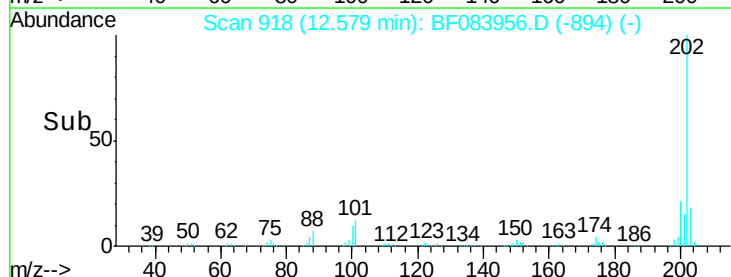
203 18.5 0.0 37.9

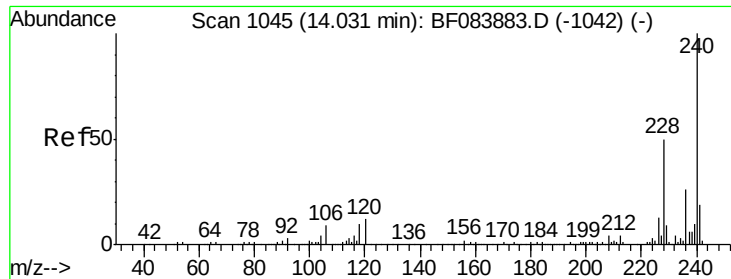


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

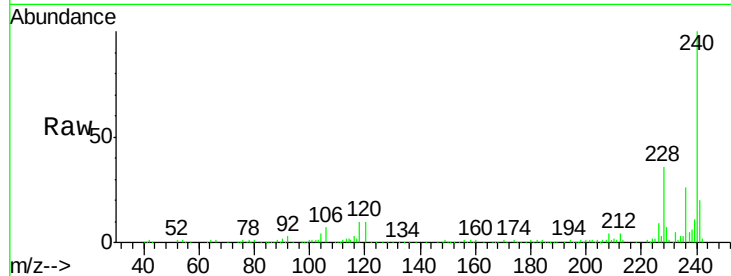
Tgt Ion:240 Resp: 181413

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

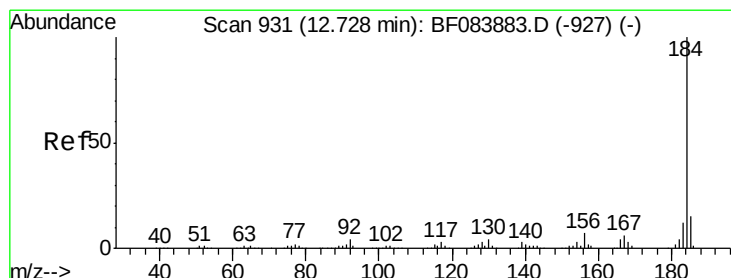
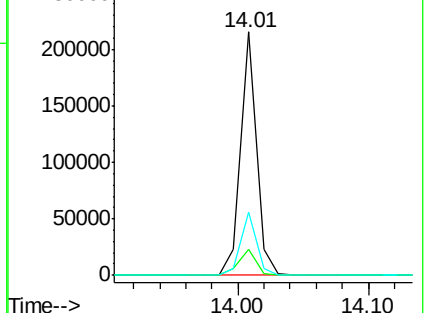
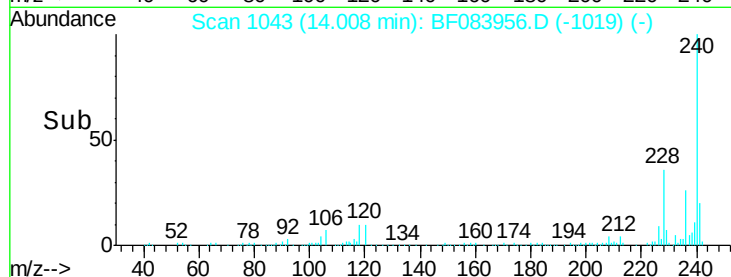
236 25.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.89 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

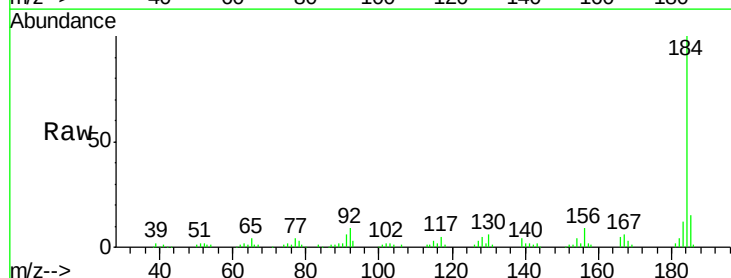
Tgt Ion:184 Resp: 108149

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

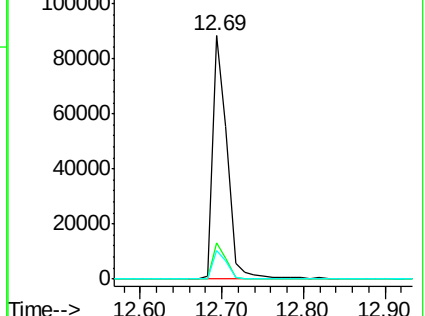
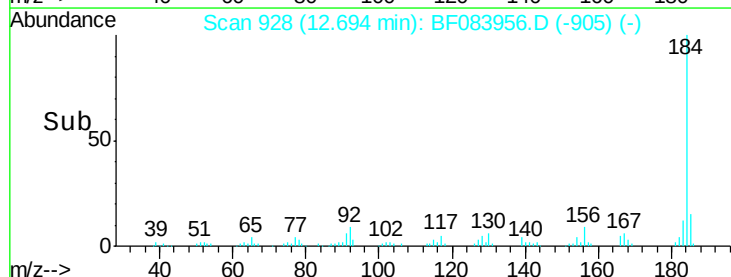
183 11.9 9.8 14.8

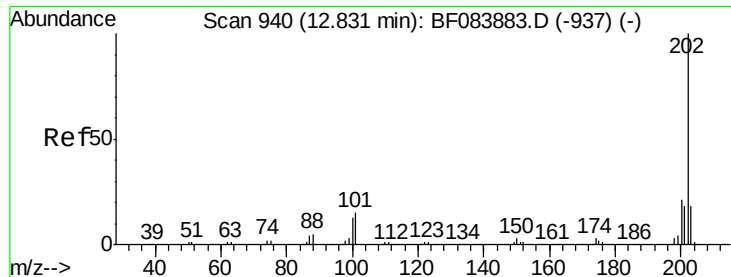


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

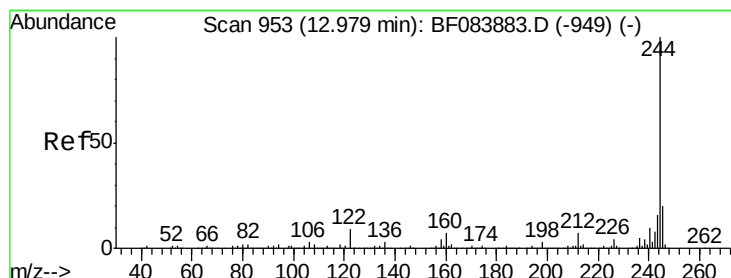
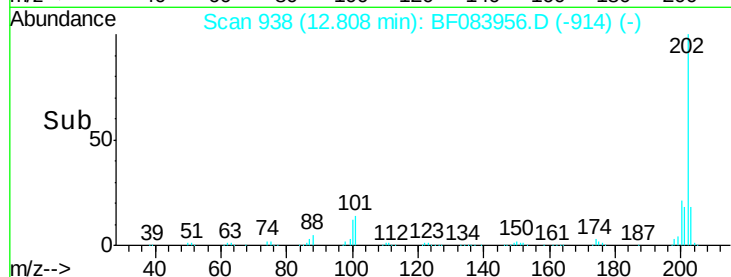
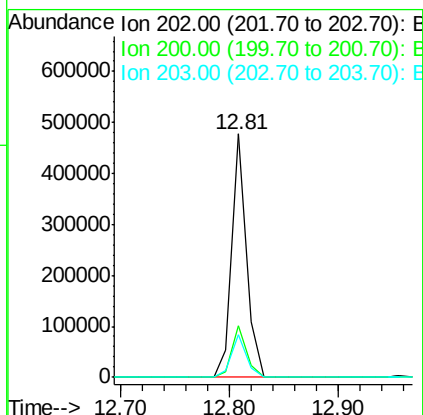
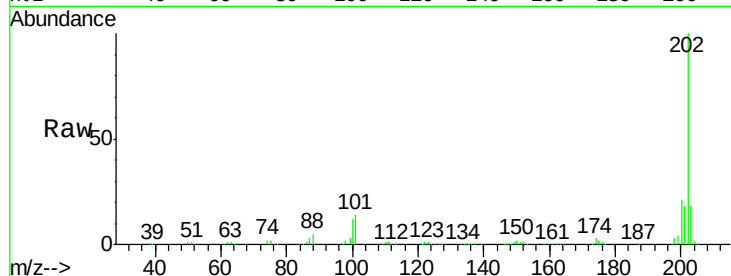




#77
Pyrene
 Concen: 38.86 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

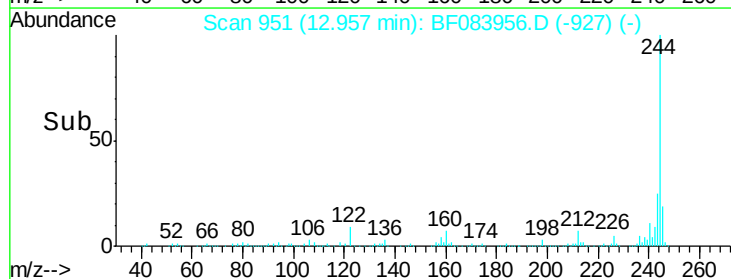
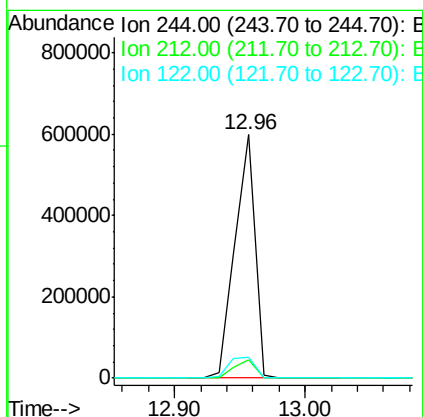
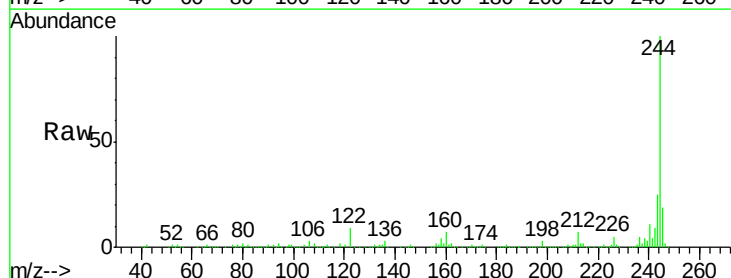
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

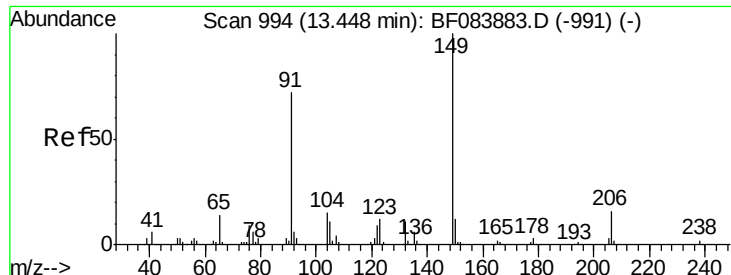
Tgt Ion: 202 Resp: 441908
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 17.7 14.3 21.5



#78
Terphenyl-d14
 Concen: 81.63 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion: 244 Resp: 635299
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 8.8 7.4 11.0

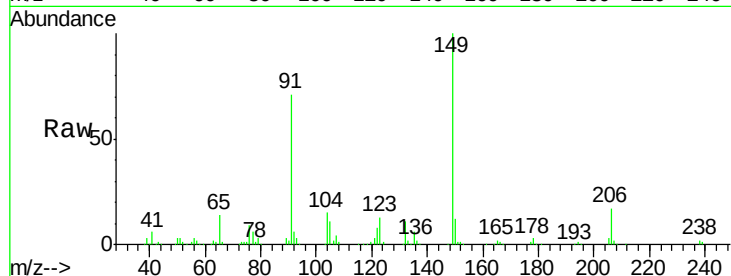




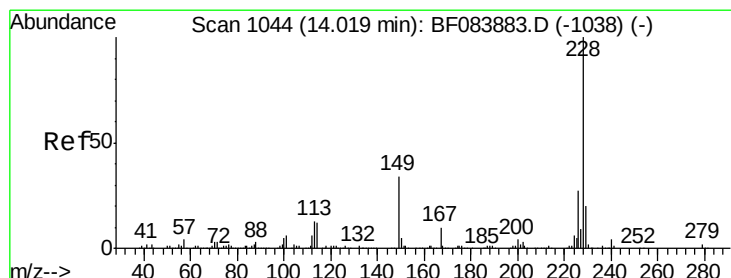
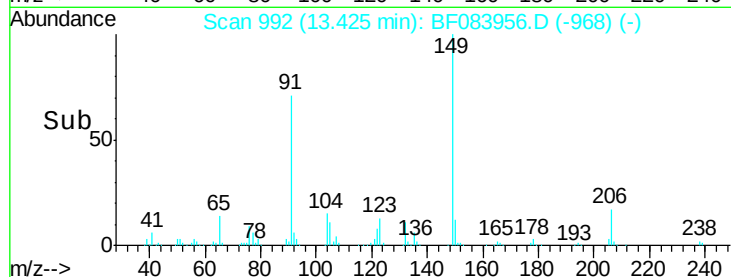
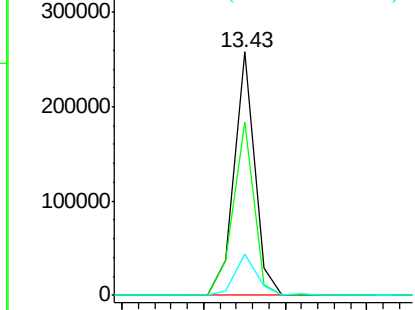
#79
Butylbenzylphthalate
Concen: 36.90 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB87359BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.6	86.4
206	16.8	13.2	19.8

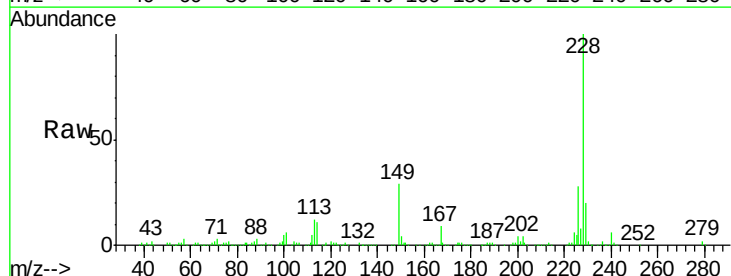


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

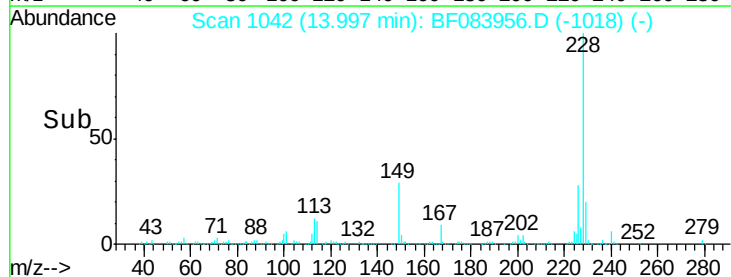
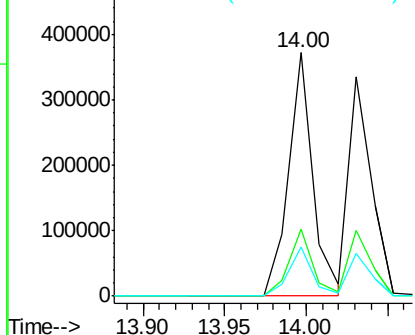


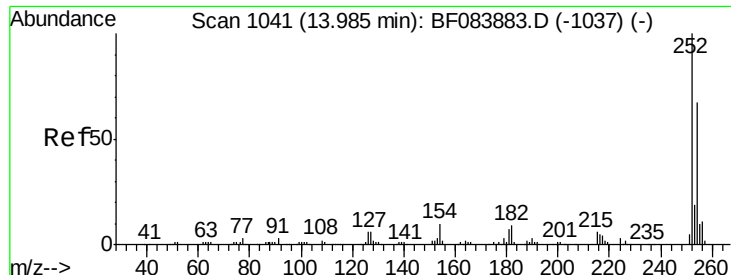
#80
Benzo(a)anthracene
Concen: 34.74 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	19.9	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

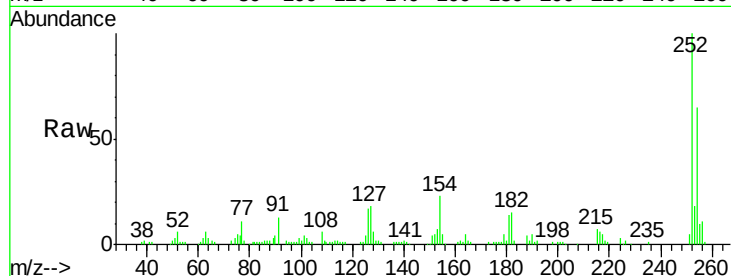




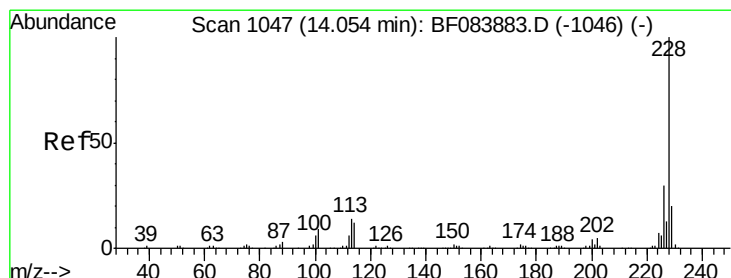
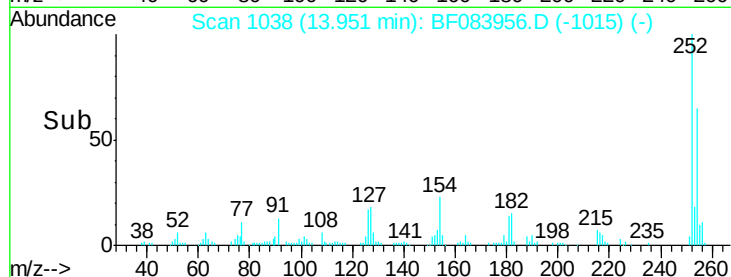
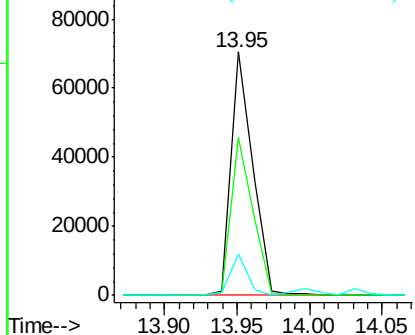
#81
 3,3'-Dichlorobenzidine
 Concen: 17.49 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

Tgt Ion:252 Resp: 72892
 Ion Ratio Lower Upper
 252 100
 254 64.6 53.5 80.3
 126 16.9 4.9 7.3#

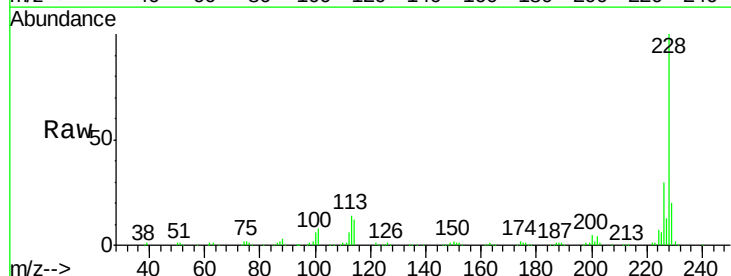


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

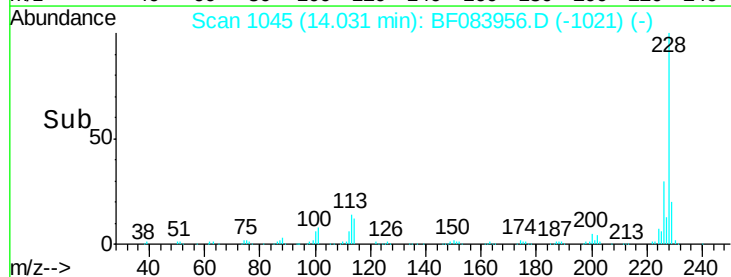
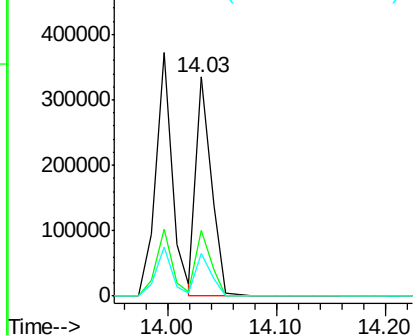


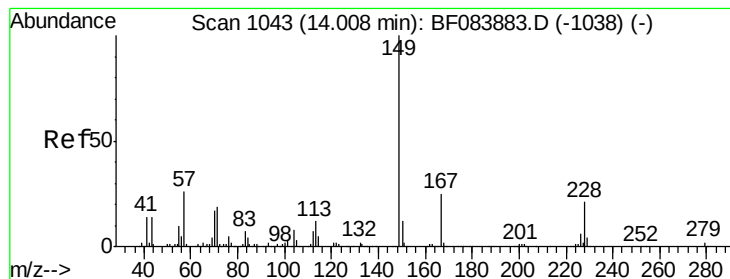
#82
 Chrysene
 Concen: 30.72 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:228 Resp: 330985
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.84 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

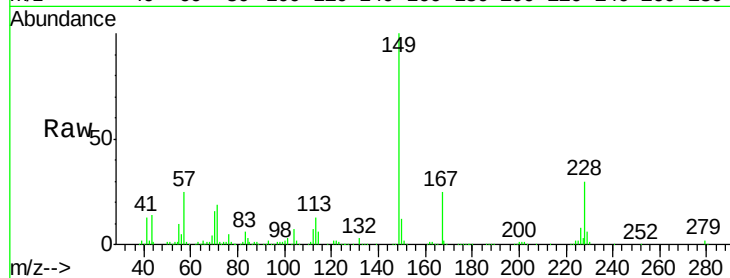
Tgt Ion:149 Resp: 305073

Ion Ratio Lower Upper

149 100

167 24.6 19.7 29.5

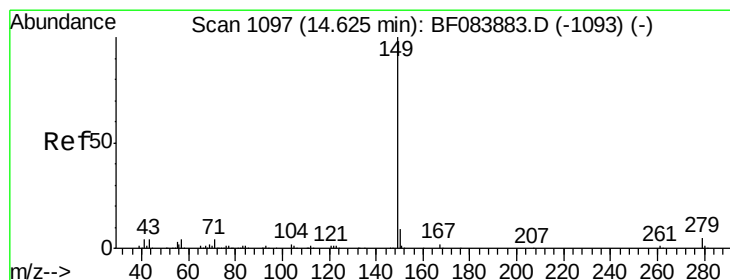
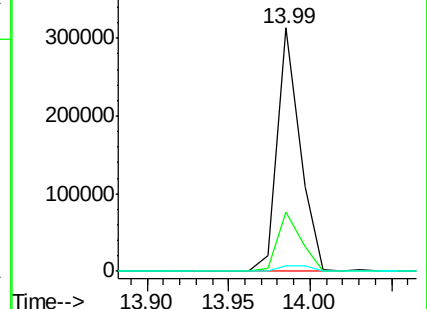
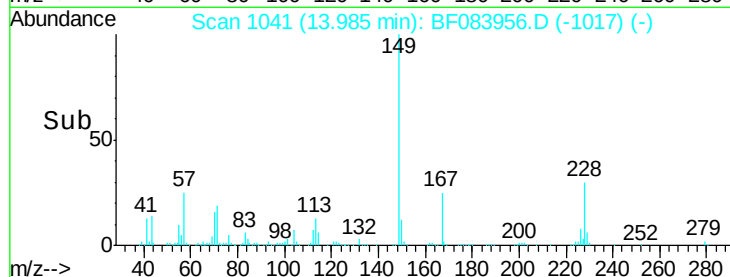
279 2.5 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.50 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

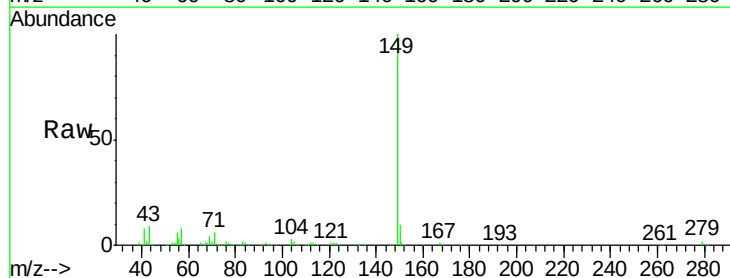
Tgt Ion:149 Resp: 523668

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

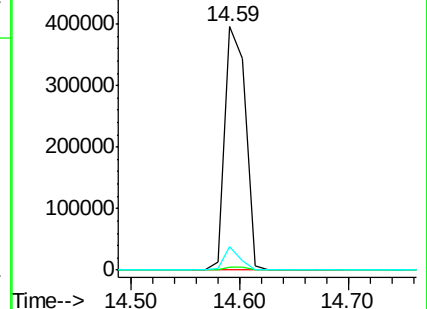
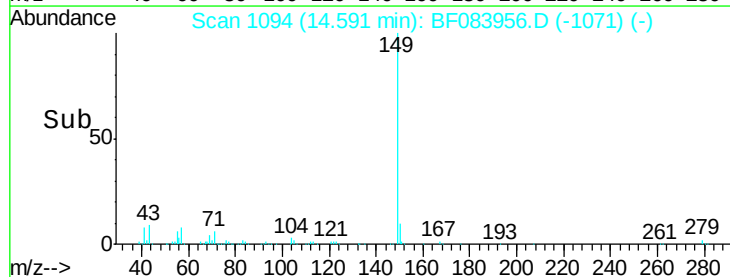
43 7.2 5.6 8.4

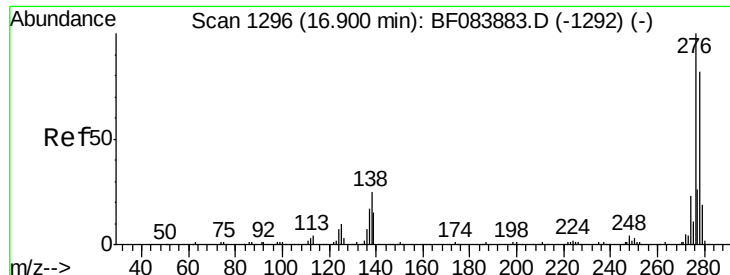


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

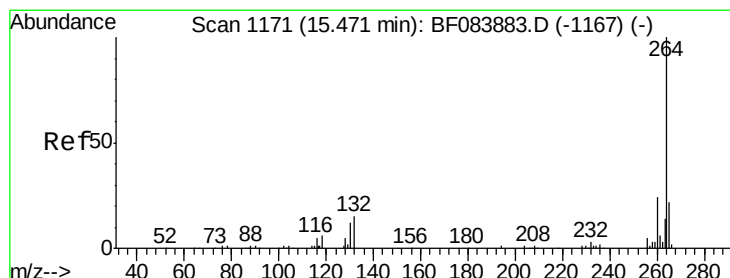
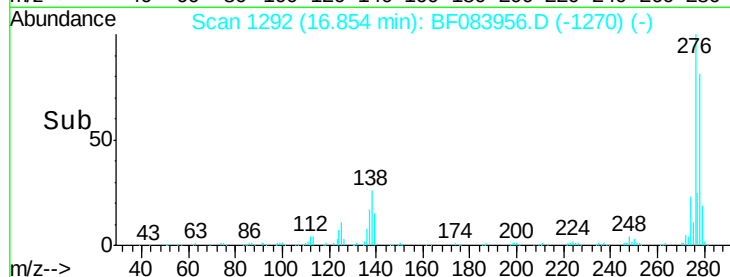
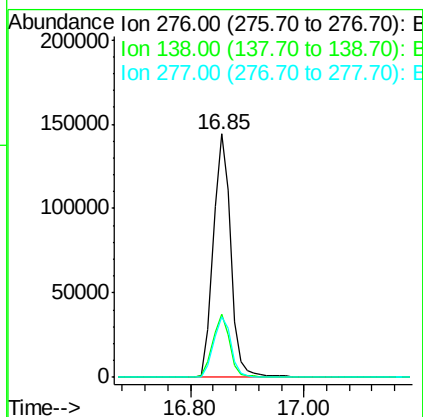
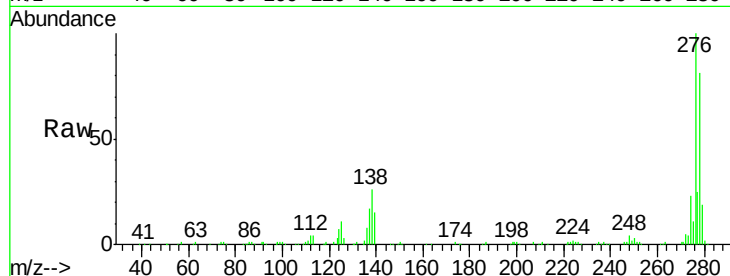




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.79 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

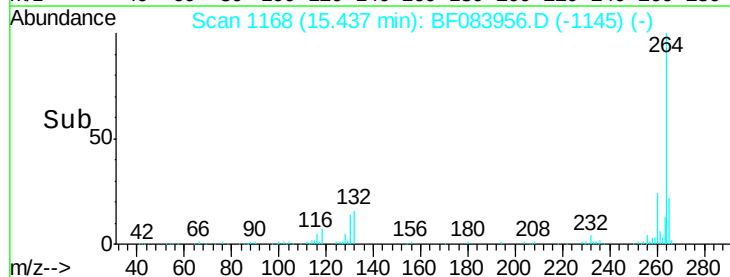
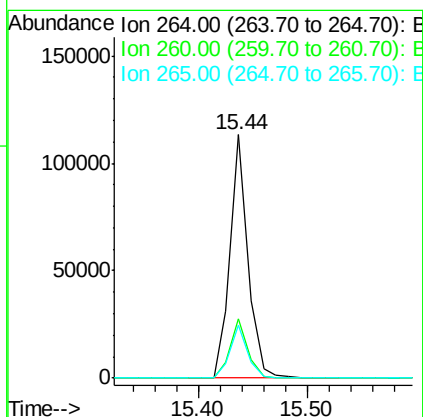
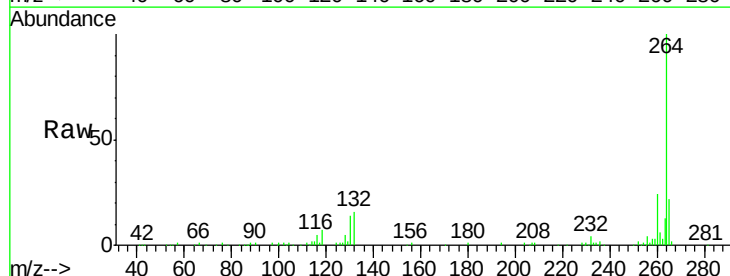
Instrument :
 BNA_F
 ClientSampleId :
 PB87359BS

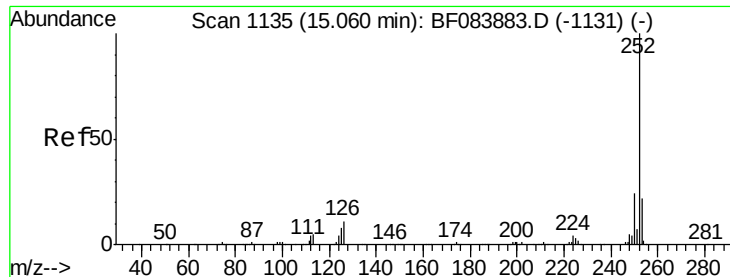
Tgt Ion:276 Resp: 304488
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083956.D
 Acq: 19 Dec 2015 16:02

Tgt Ion:264 Resp: 128919
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.7 17.8 26.6

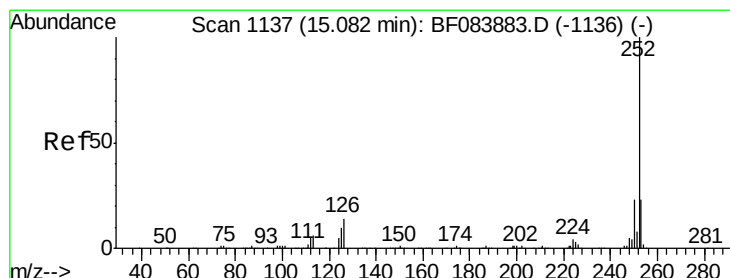
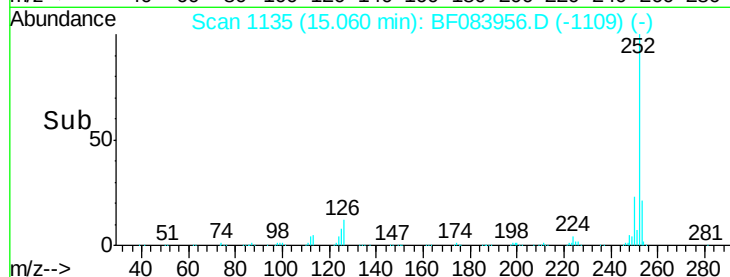
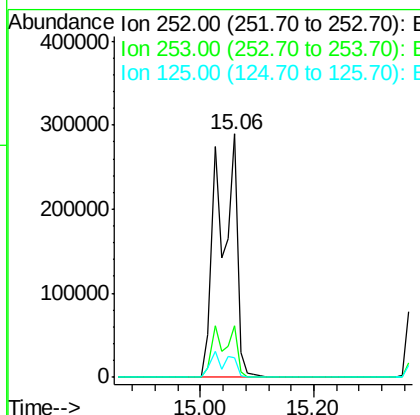
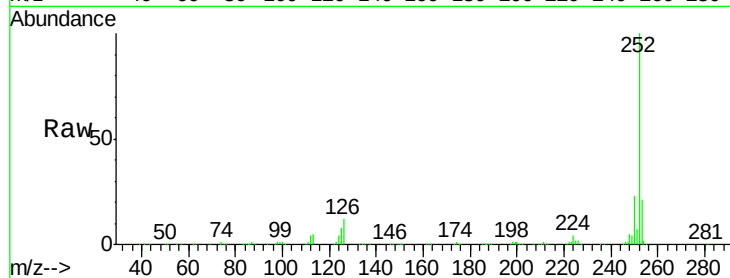




#87
Benzo(b)fluoranthene
Concen: 70.47 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

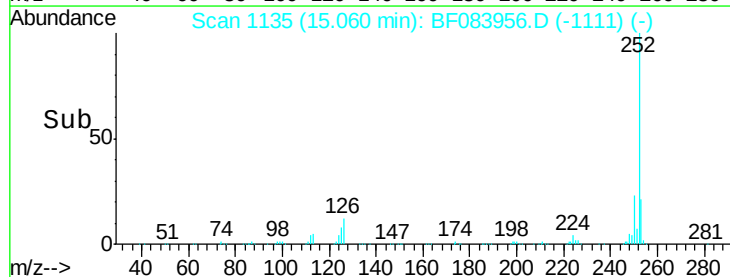
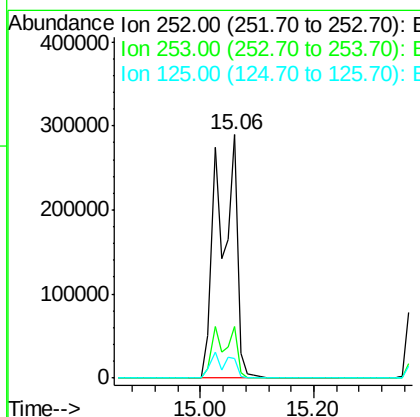
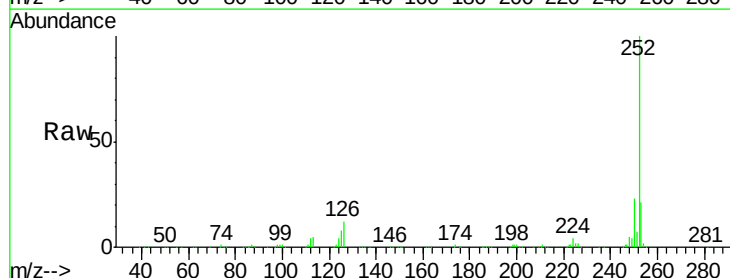
Instrument :
BNA_F
ClientSampleId :
PB87359BS

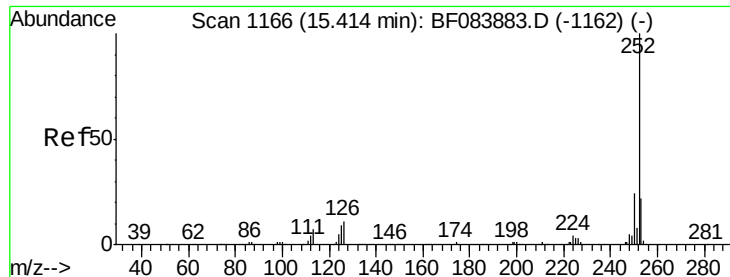
Tgt Ion:252 Resp: 662369
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 7.8 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 85.43 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083956.D
Acq: 19 Dec 2015 16:02

Tgt Ion:252 Resp: 662369
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 7.8 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 38.97 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

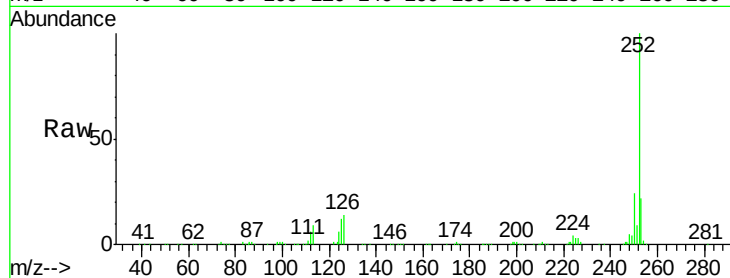
Tgt Ion:252 Resp: 302481

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

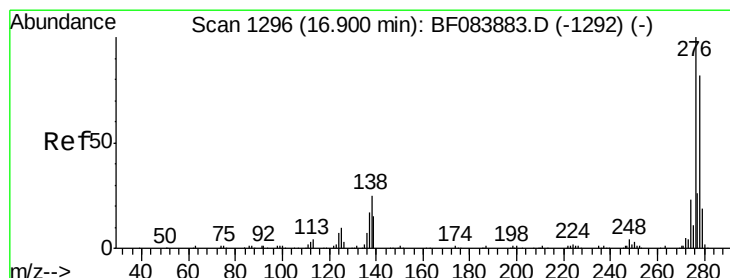
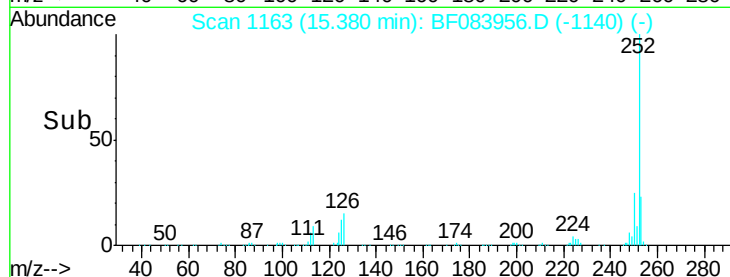
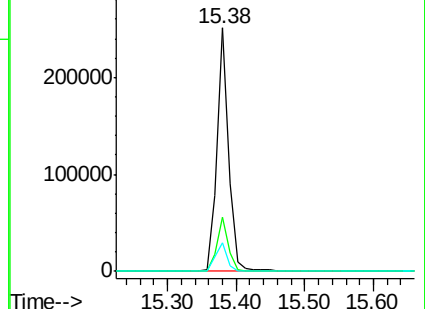
125 11.5 7.0 10.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.20 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

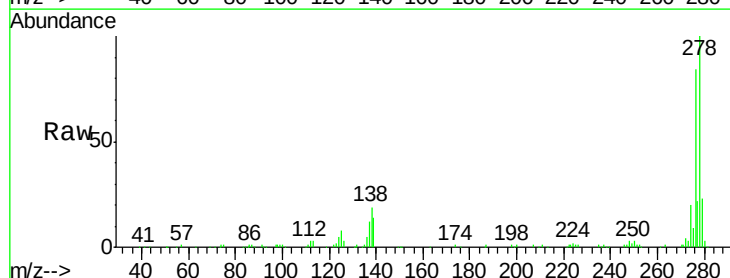
Tgt Ion:278 Resp: 254797

Ion Ratio Lower Upper

278 100

139 14.1 15.0 22.4#

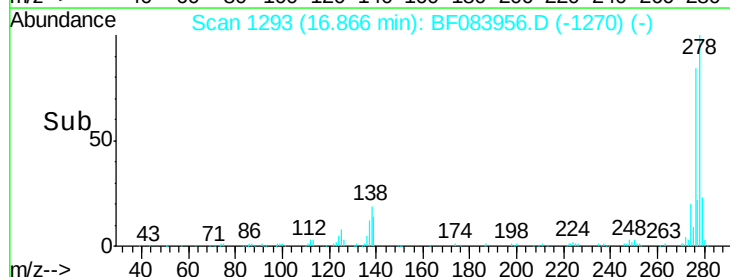
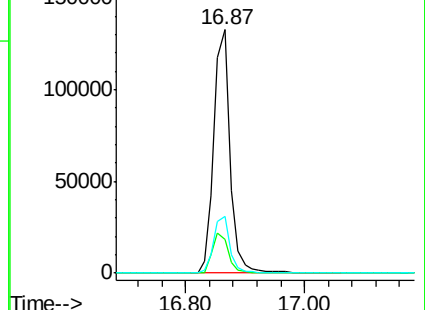
279 23.1 18.9 28.3

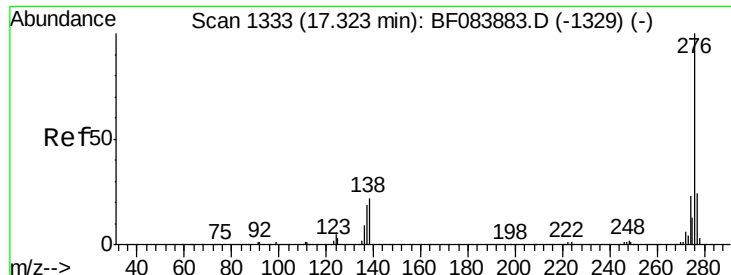


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.73 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.05 min

Lab File: BF083956.D

Acq: 19 Dec 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB87359BS

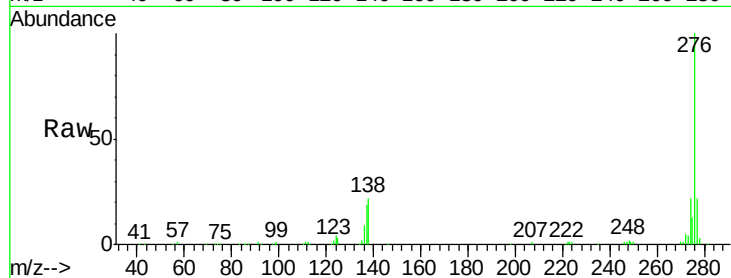
Tgt Ion: 276 Resp: 252865

Ion Ratio Lower Upper

276 100

277 22.2 18.8 28.2

138 22.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

