

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083163.D
 Acq On : 22 Nov 2015 17:15
 Operator : UM/IZ
 Sample : SP3503DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

Quant Time: Nov 23 04:51:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	195951	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	777676	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	395530	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	723086	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	577367	20.00	ng	-0.01
86) Perylene-d12	15.15	264	479050	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
3) Pyridine	2.80	79	757477m	44.67	ng	
4) n-Nitrosodimethylamine	2.74	42	320652	41.00	ng	98
6) Aniline	6.32	93	994938	48.55	ng	97
8) 2-Chlorophenol	6.44	128	560785	40.05	ng	88
10) Phenol	6.33	94	812555	40.05	ng	# 75
11) bis(2-Chloroethyl)ether	6.39	93	603397	41.65	ng	92
12) 1,3-Dichlorobenzene	6.59	146	608888m	38.08	ng	
13) 1,4-Dichlorobenzene	6.67	146	613831m	37.95	ng	
14) 1,2-Dichlorobenzene	6.82	146	595447	40.51	ng	99
15) Benzyl Alcohol	6.81	79	517292	36.91	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1055605	46.73	ng	# 53
17) 2-Methylphenol	6.94	107	474535	40.95	ng	92
18) Hexachloroethane	7.16	117	227285	39.90	ng	91
19) n-Nitroso-di-n-propylamine	7.08	70	506861	43.43	ng	# 89
20) 3+4-Methylphenols	7.10	107	615697	42.03	ng	96
24) Nitrobenzene	7.24	77	710532	39.07	ng	90
25) Isophorone	7.50	82	1231872	38.23	ng	96
26) 2-Nitrophenol	7.56	139	307389	38.29	ng	97
27) 2,4-Dimethylphenol	7.62	122	519215	40.52	ng	94
28) bis(2-Chloroethoxy)methane	7.70	93	706130	37.69	ng	98
29) 2,4-Dichlorophenol	7.82	162	481799	39.54	ng	96
30) 1,2,4-Trichlorobenzene	7.88	180	497255	37.15	ng	97
31) Naphthalene	7.96	128	1623289	38.68	ng	98
33) 4-Chloroaniline	8.02	127	677407	41.60	ng	97
34) Hexachlorobutadiene	8.09	225	294587	37.24	ng	98
36) 4-Chloro-3-methylphenol	8.51	107	550287	38.99	ng	92
37) 2-Methylnaphthalene	8.65	142	987180	36.24	ng	98
40) Hexachlorocyclopentadiene	8.81	237	271480	37.24	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	324091	35.30	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	342588	36.49	ng	98
46) 2-Chloronaphthalene	9.14	162	1007074	38.09	ng	98
47) 2-Nitroaniline	9.24	65	375228	40.12	ng	92
48) Acenaphthylene	9.55	152	1591478	38.84	ng	98
49) Dimethylphthalate	9.44	163	1166464	38.31	ng	98

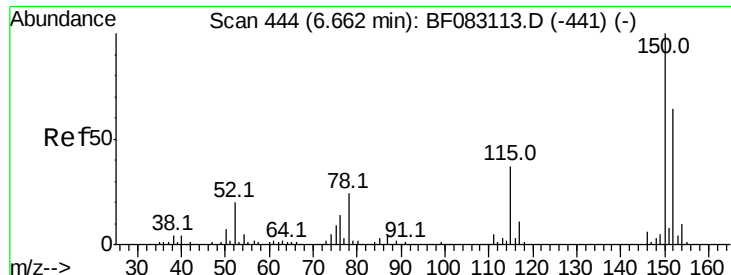
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083163.D
 Acq On : 22 Nov 2015 17:15
 Operator : UM/IZ
 Sample : SP3503DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

Quant Time: Nov 23 04:51:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.48	165	247437	36.21	nq	95
51) Acenaphthene	9.72	154	961624	38.56	nq	99
52) 3-Nitroaniline	9.66	138	267469	36.72	nq	# 65
53) 2,4-Dinitrophenol	9.76	184	107723	27.37	nq	89
54) Dibenzofuran	9.90	168	1420592	40.28	nq	99
55) 4-Nitrophenol	9.84	139	184220	32.98	nq	94
57) Fluorene	10.24	166	1110471	38.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	302635	39.30	nq	95
59) Diethylphthalate	10.12	149	1129069	37.25	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	479795	35.95	nq	100
61) 4-Nitroaniline	10.27	138	295636	41.22	nq	95
62) Azobenzene	10.39	77	1354378	39.15	nq	98
64) 4,6-Dinitro-2-methylphenol	10.30	198	174030	34.93	nq	87
65) n-Nitrosodiphenylamine	10.35	169	948072	38.55	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	322473	40.19	nq	95
67) Hexachlorobenzene	10.78	284	329788	37.32	nq	# 88
69) Pentachlorophenol	10.98	266	195082	33.89	nq	98
70) Phenanthrene	11.19	178	1560937	37.47	nq	99
71) Anthracene	11.24	178	1681298	39.56	nq	99
72) Carbazole	11.40	167	1506028	39.86	nq	99
73) Di-n-butylphthalate	11.75	149	1815223	39.36	nq	# 98
74) Fluoranthene	12.37	202	1600513	37.54	nq	97
77) Pyrene	12.59	202	1614148	40.92	nq	100
79) Butylbenzylphthalate	13.23	149	797820	42.74	nq	90
80) Benzo(a)anthracene	13.78	228	1515236	42.43	nq	100
82) Chrysene	13.82	228	1136769	34.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1029488	42.22	nq	# 96
84) Di-n-octyl phthalate	14.40	149	1747647	41.64	nq	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1135034	37.68	nq	96
87) Benzo(b)fluoranthene	14.81	252	2280321	69.67	nq	# 97
88) Benzo(k)fluoranthene	14.81	252	981595m	40.25	nq	
89) Benzo(a)pyrene	15.11	252	1081282	40.01	nq	# 98
90) Dibenzo(a,h)anthracene	16.43	278	960456	39.13	nq	# 97
91) Benzo(g,h,i)perylene	16.80	276	914870	38.18	nq	96

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

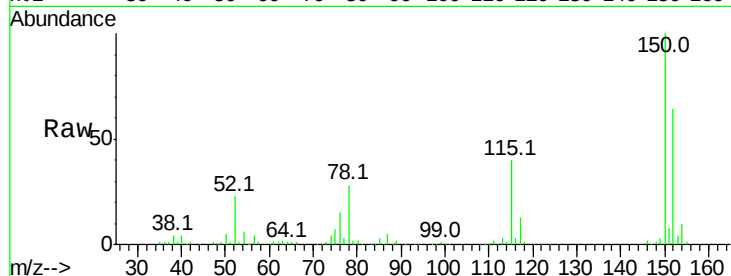


#1

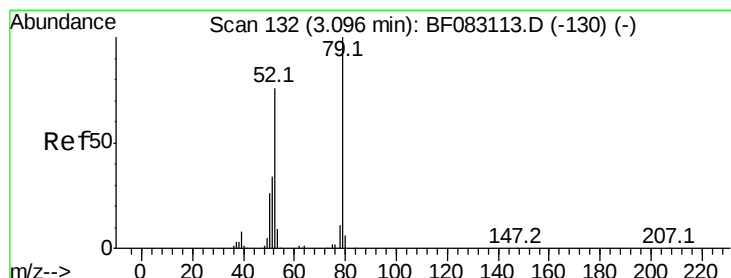
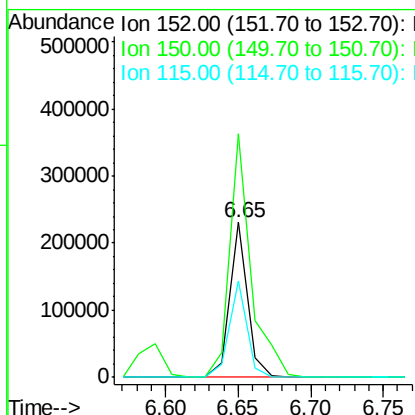
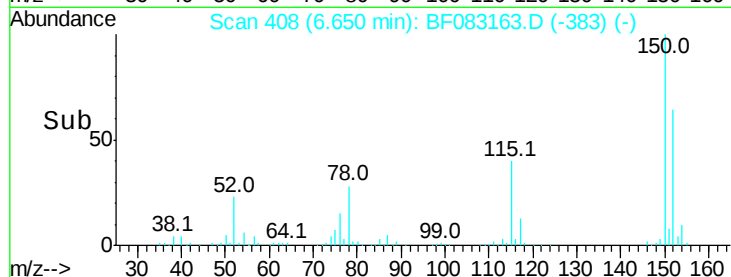
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SP3503DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.8	188.8
115	62.6	46.9	70.3



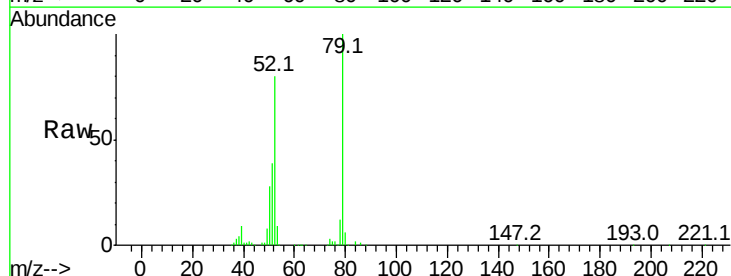
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



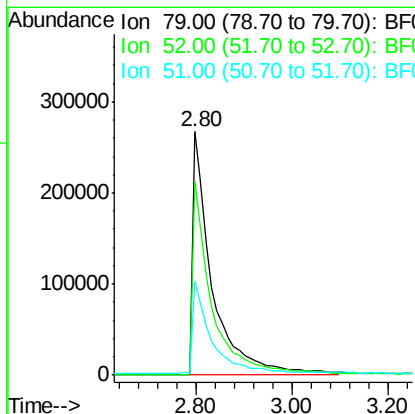
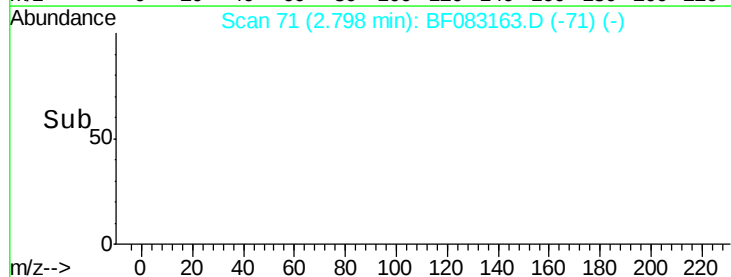
#3

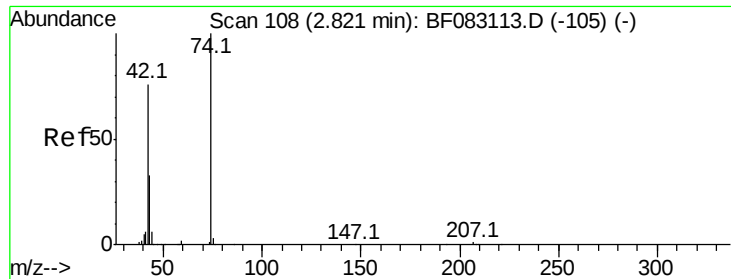
Pyridine
Concen: 44.67 ng m
RT: 2.80 min Scan# 71
Delta R.T. -0.30 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion	Ratio	Lower	Upper
79	100		
52	79.6	60.7	91.1
51	38.6	27.9	41.9



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



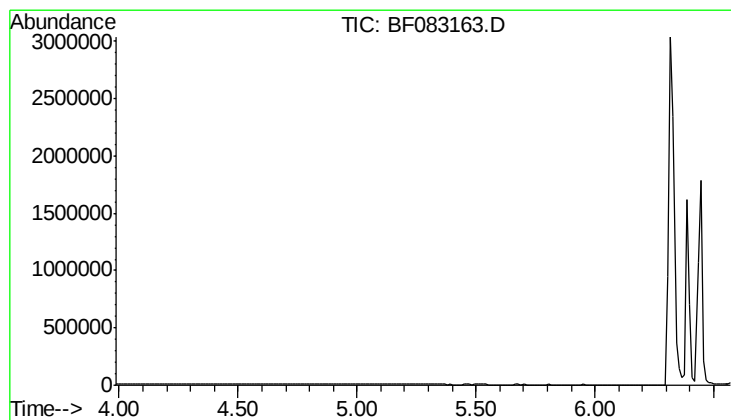
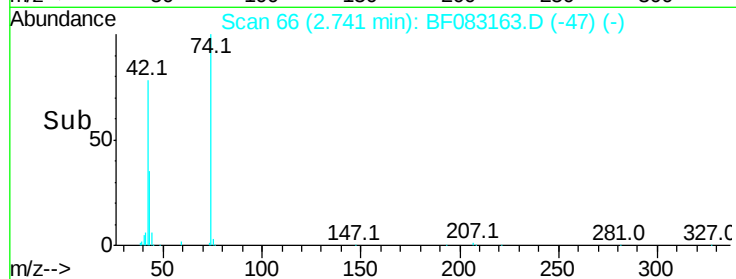
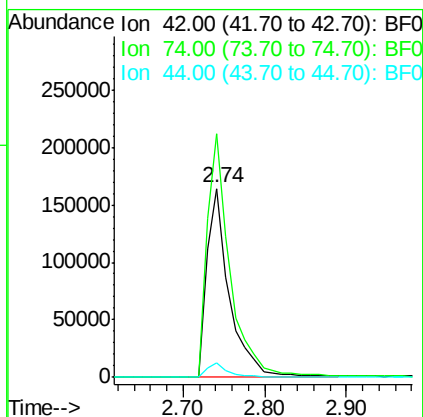
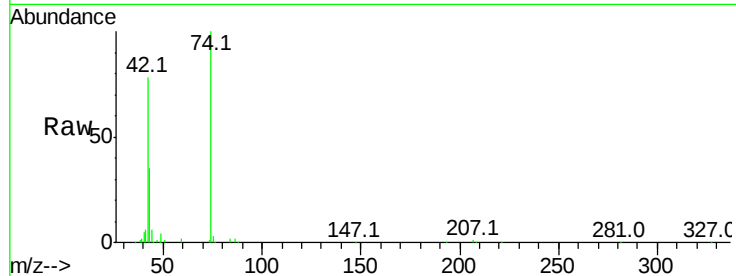


#4

n-Nitrosodimethylamine
Concen: 41.00 ng
RT: 2.74 min Scan# 66
Delta R.T. -0.08 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SP3503DL

Tot Ion: 42 Resp: 320652
Ion Ratio Lower Upper
42 100
74 129.0 104.8 157.2
44 7.6 6.2 9.4

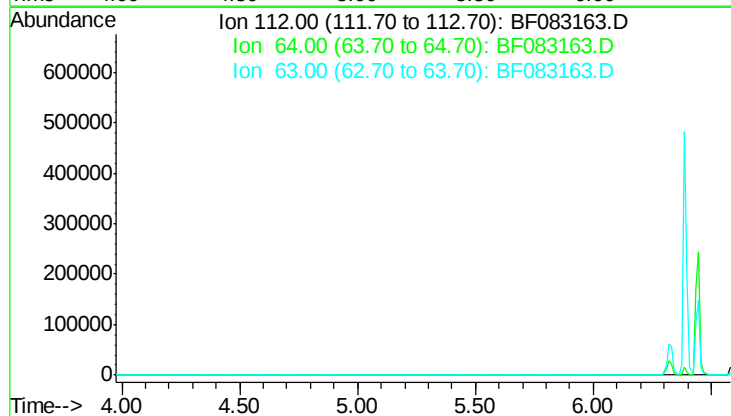


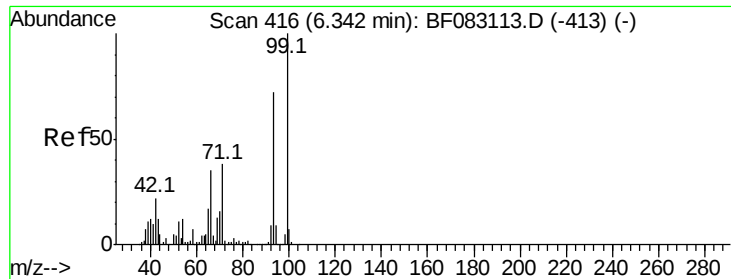
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.28 min

Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion: 112
Sig Exp Ratio
112 100
64 73.0
63 37.5





#6

Aniline

Concen: 48.55 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

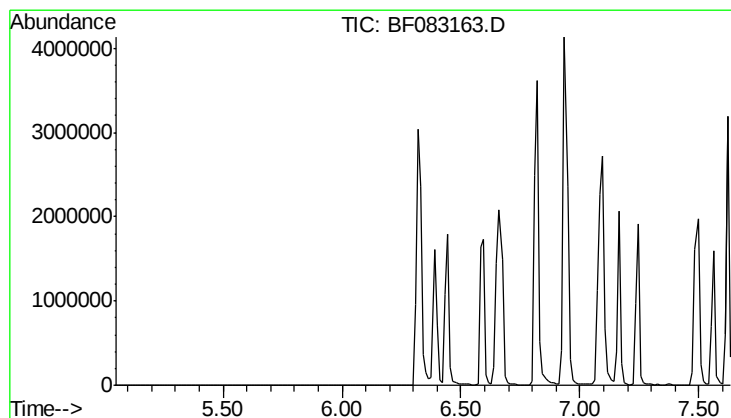
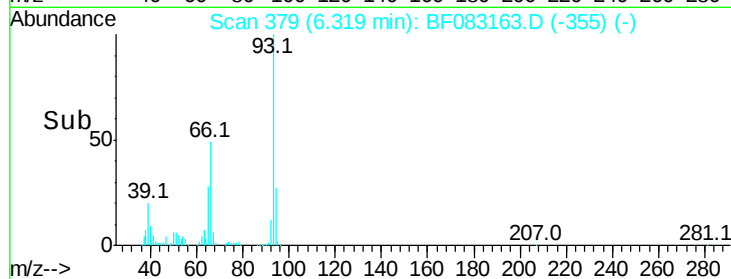
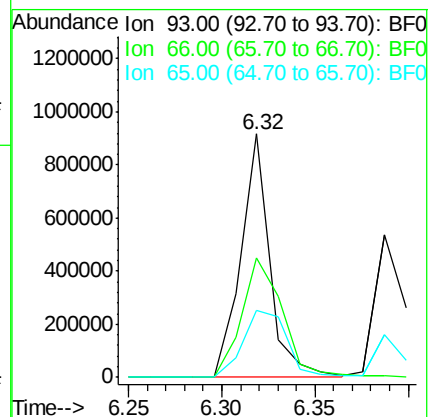
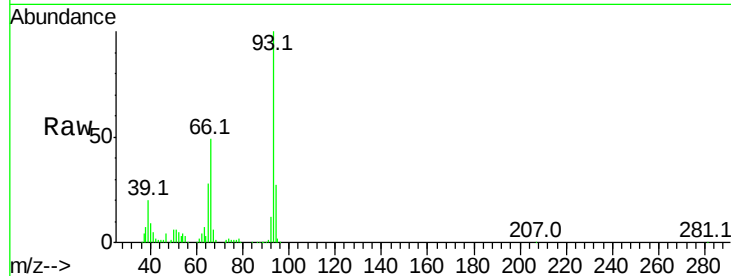
Tot Ion: 93 Resp: 994938

Ion Ratio Lower Upper

93 100

66 48.9 38.7 58.1

65 27.6 18.6 27.8



#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.34 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

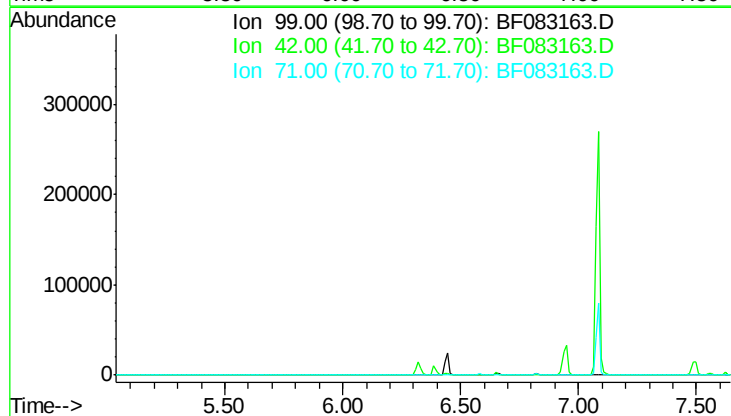
Tgt Ion: 99

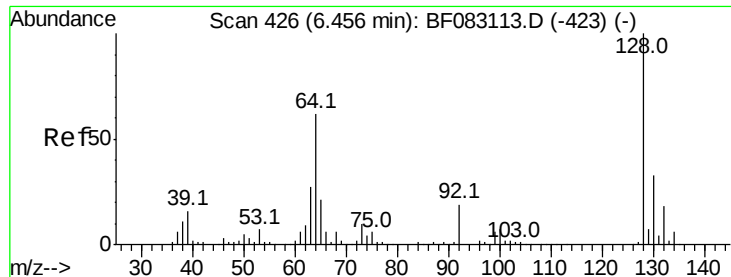
Sig Exp Ratio

99 100

42 22.1

71 37.8





#8

2-Chlorophenol

Concen: 40.05 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

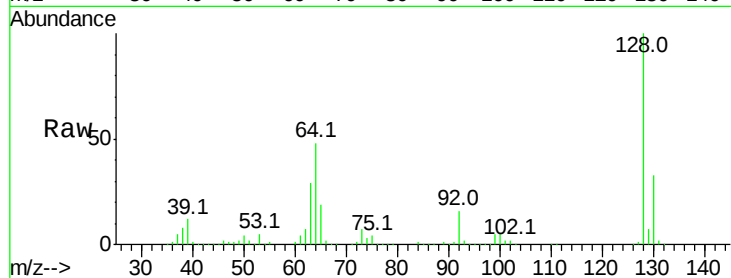
Tot Ion:128 Resp: 560785

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

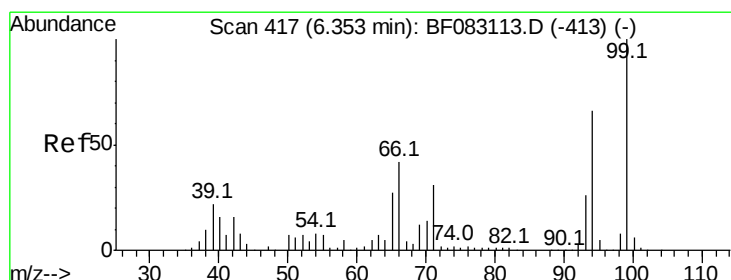
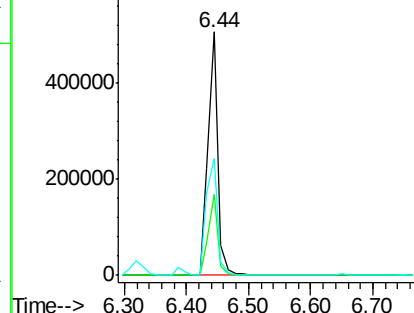
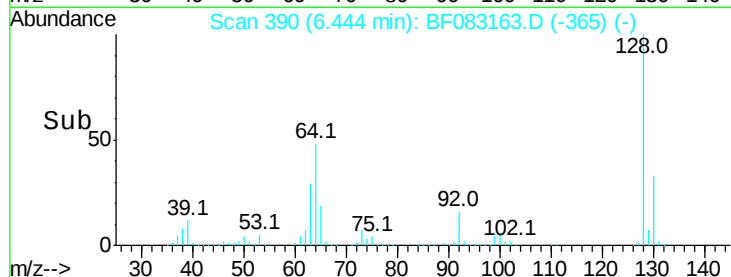
64 48.0 41.9 81.9



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



#10

Phenol

Concen: 40.05 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

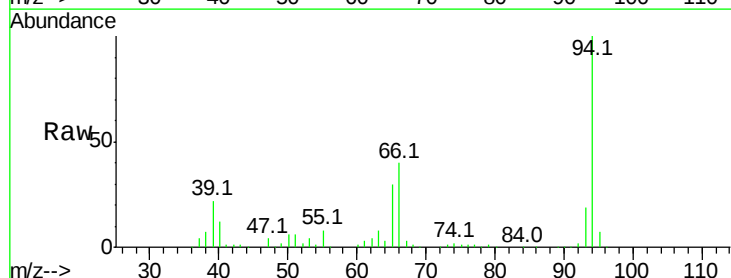
Tgt Ion: 94 Resp: 812555

Ion Ratio Lower Upper

94 100

65 30.1 21.1 61.1

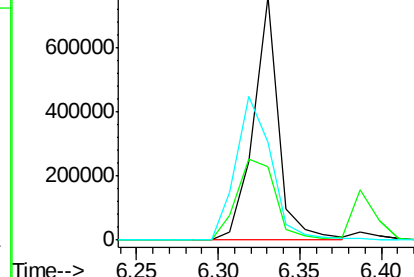
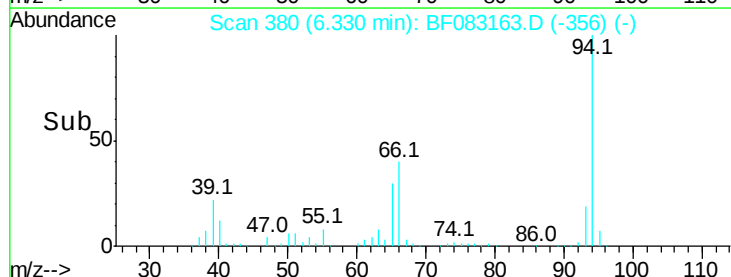
66 40.3 43.1 83.1#

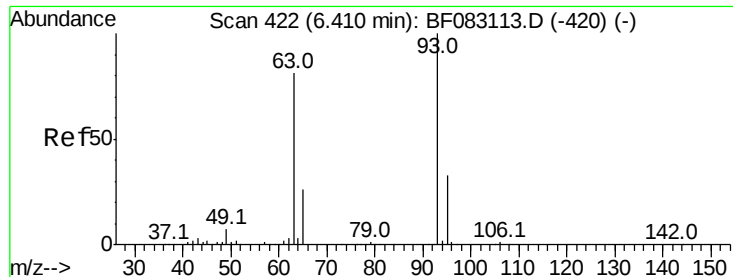


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.65 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

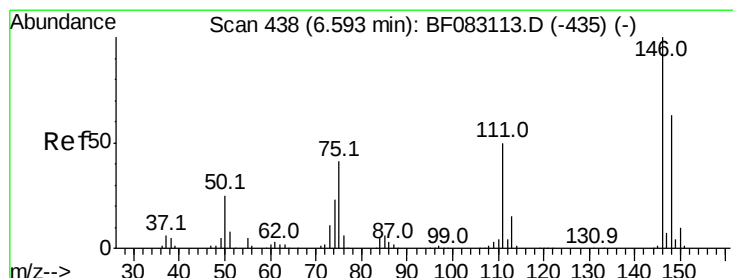
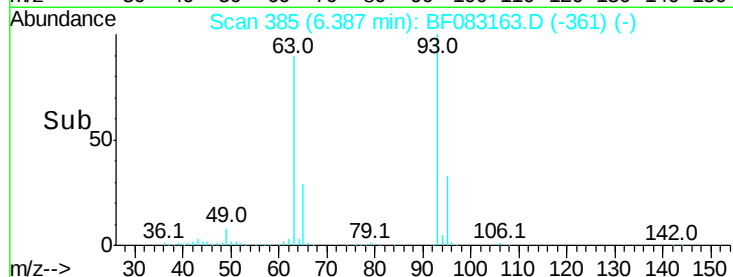
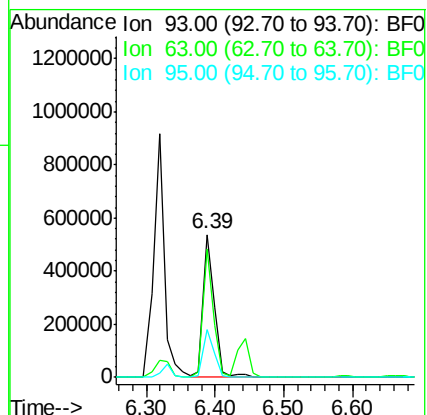
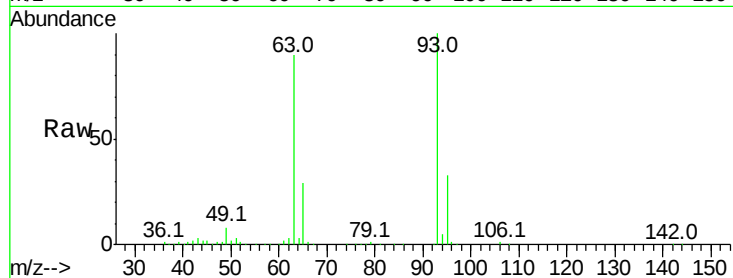
Tot Ion: 93 Resp: 603397

Ion Ratio Lower Upper

93 100

63 89.7 59.8 99.8

95 33.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 38.08 ng m

RT: 6.59 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

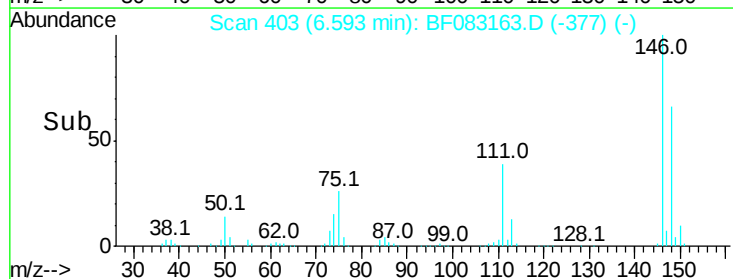
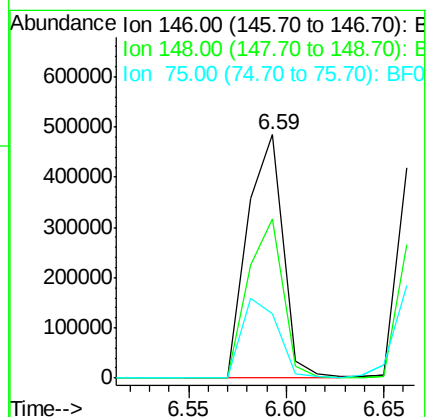
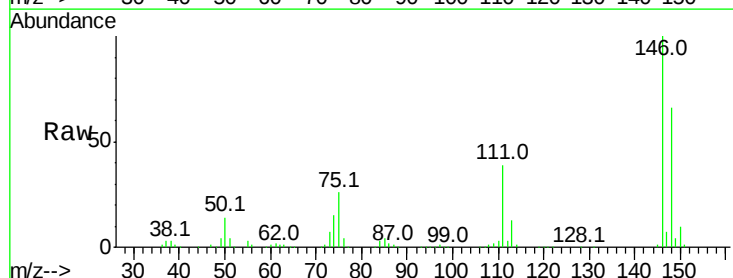
Tgt Ion: 146 Resp: 608888

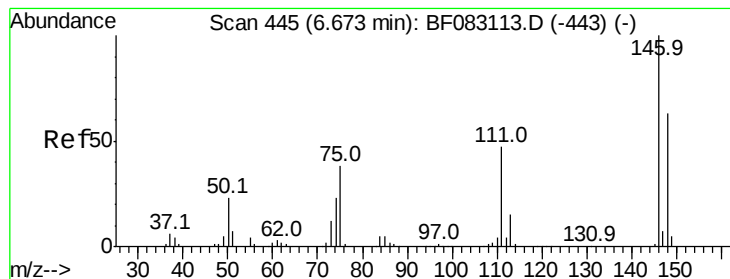
Ion Ratio Lower Upper

146 100

148 65.6 50.2 75.2

75 26.5 32.7 49.1#





#13

1,4-Dichlorobenzene

Concen: 37.95 ng/mL

RT: 6.67 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleID :

SP3503DL

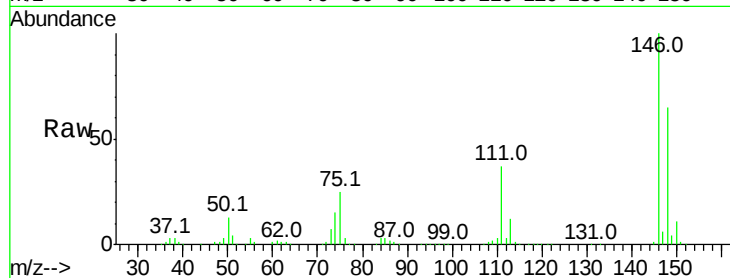
Tot Ion:146 Resp: 613831

Ion Ratio Lower Upper

146 100

148 65.1 50.2 75.2

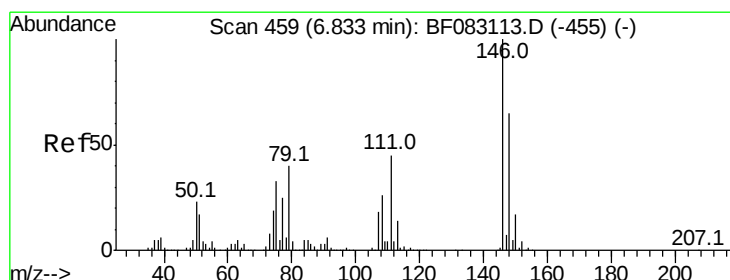
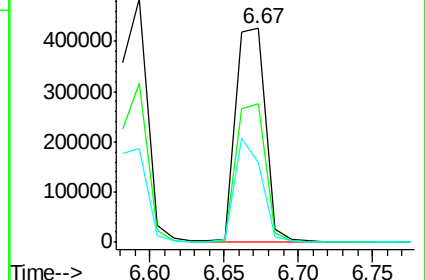
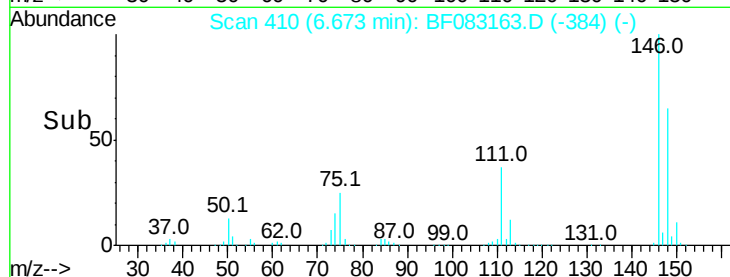
111 37.1 37.5 56.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.51 ng/mL

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

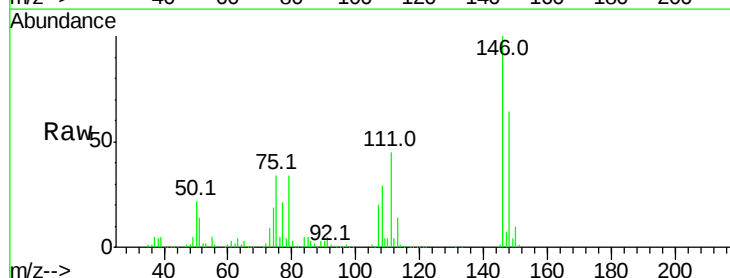
Tgt Ion:146 Resp: 595447

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

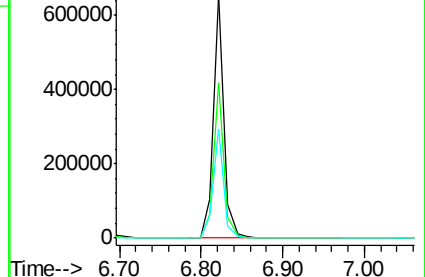
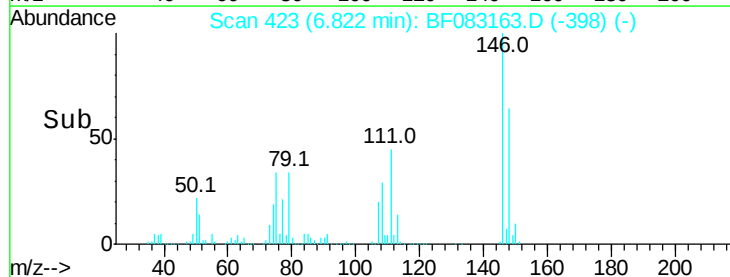
111 44.7 36.2 54.4

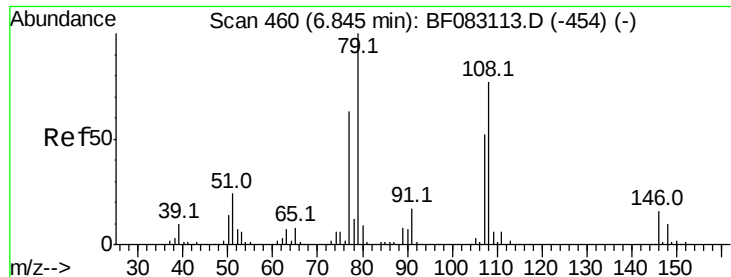


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.91 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleID :

SP3503DL

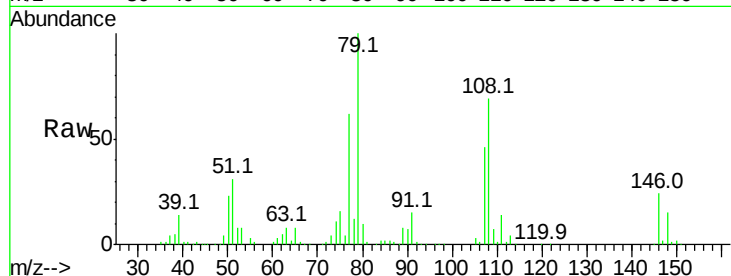
Tot Ion: 79 Resp: 517292

Ion Ratio Lower Upper

79 100

108 69.4 61.4 92.2

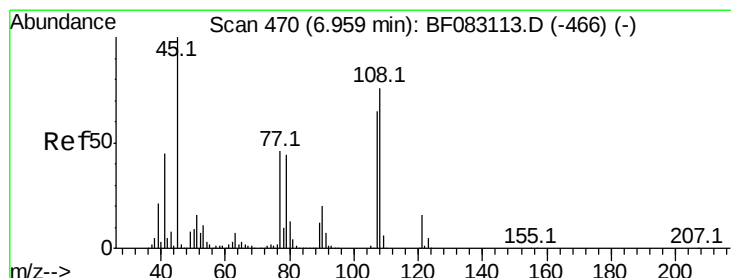
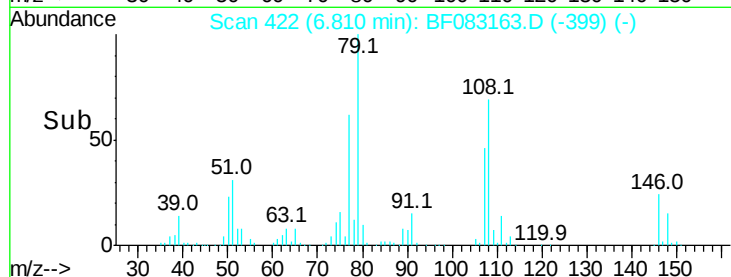
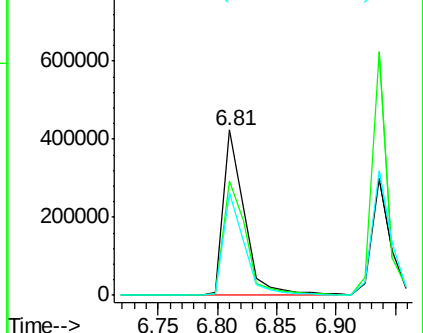
77 62.1 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.73 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

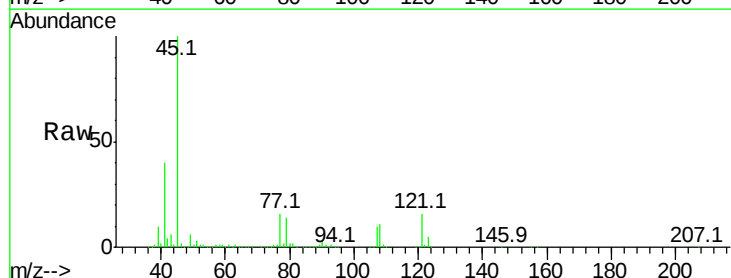
Tgt Ion: 45 Resp: 1055605

Ion Ratio Lower Upper

45 100

77 16.1 26.7 66.7#

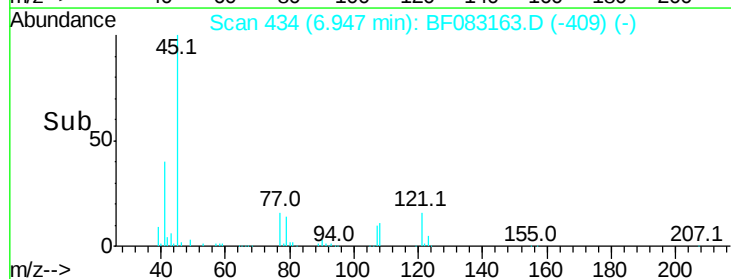
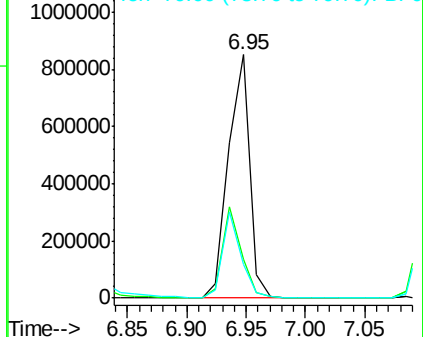
79 13.6 24.3 64.3#

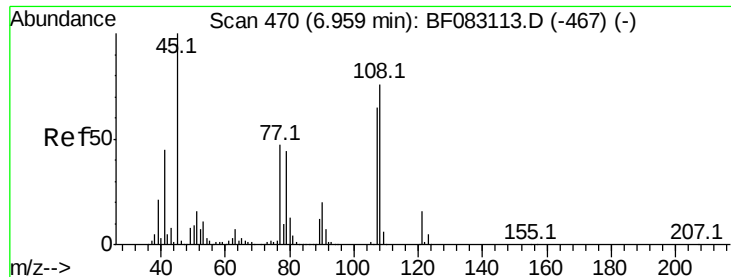


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.95 ng

RT: 6.94 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleID :

SP3503DL

Tot Ion:107 Resp: 474535

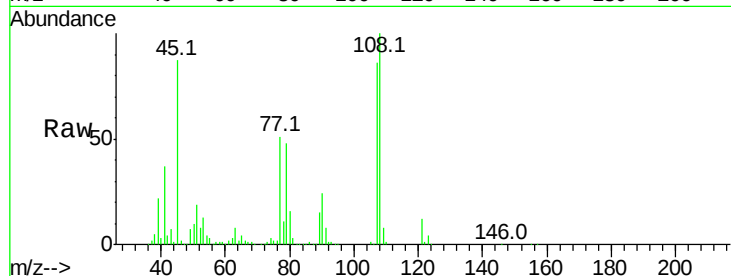
Ion Ratio Lower Upper

107 100

108 116.6 93.8 140.6

77 59.6 57.4 86.0

79 56.0 54.4 81.6



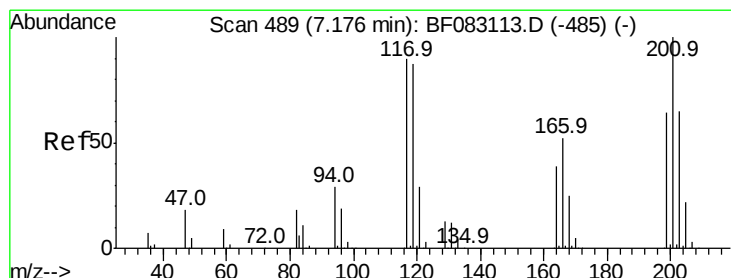
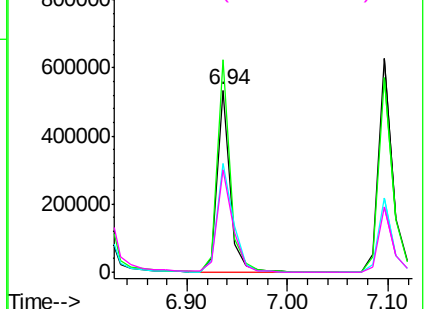
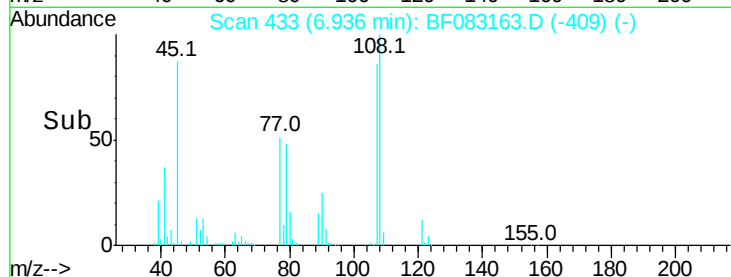
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.90 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

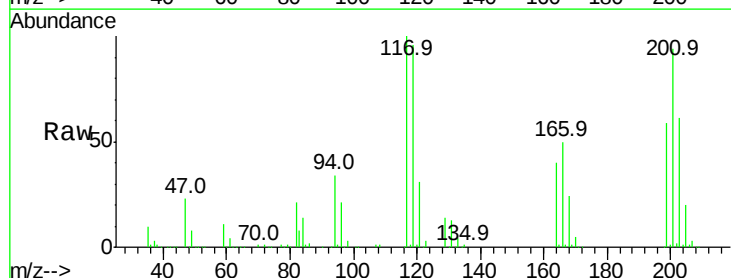
Tgt Ion:117 Resp: 227285

Ion Ratio Lower Upper

117 100

119 96.4 76.8 115.2

201 93.5 88.6 133.0

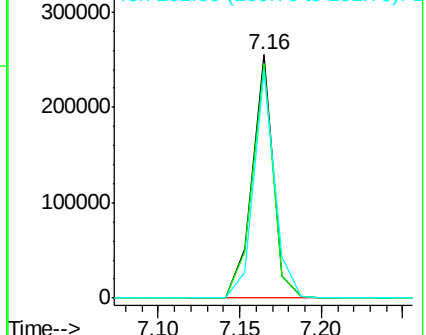
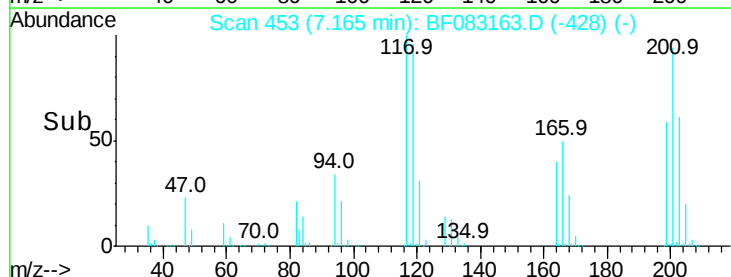


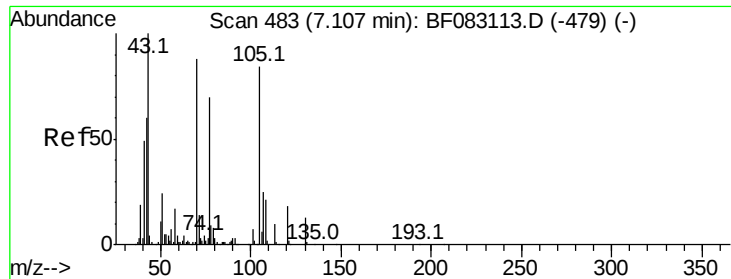
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

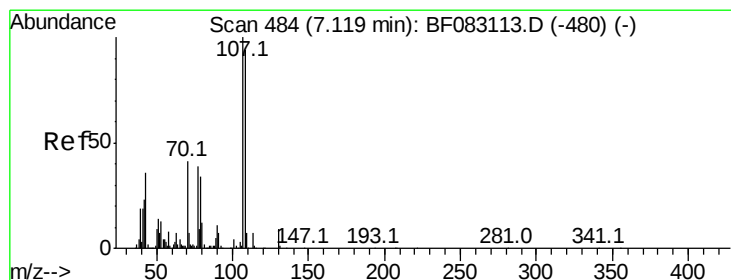
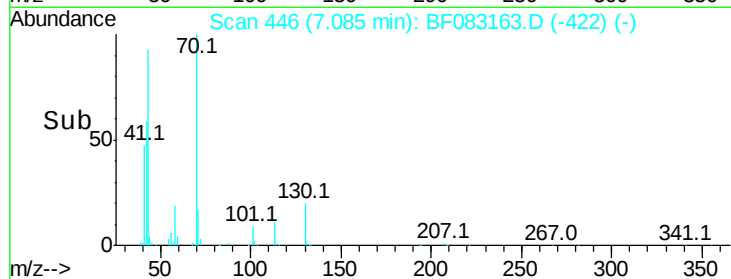
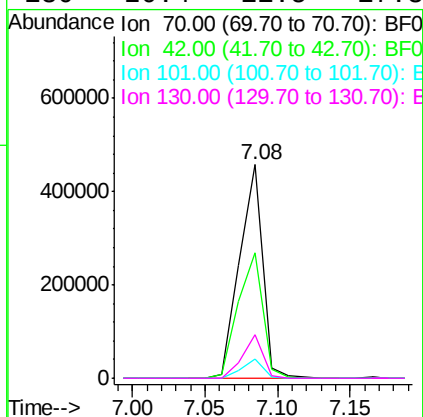
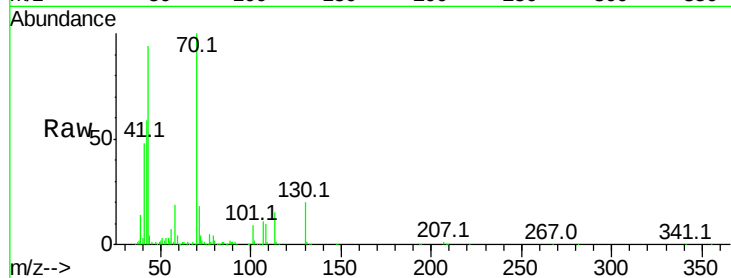




#19
n-Nitroso-di-n-propylamine
Concen: 43.43 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

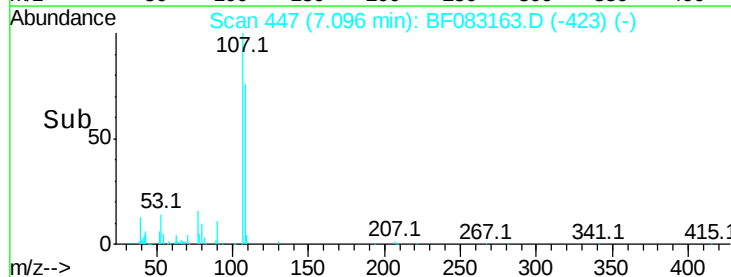
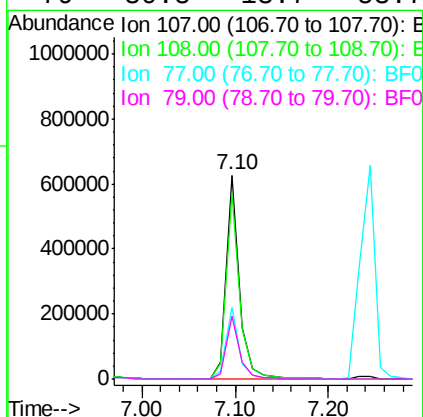
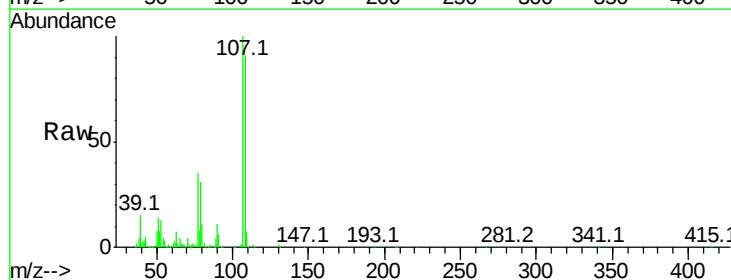
Instrument :
BNA_F
ClientSampleId :
SP3503DL

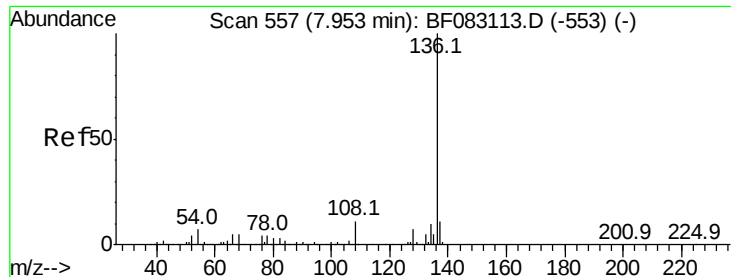
Tot Ion: 70 Resp: 506861
Ion Ratio Lower Upper
70 100
42 58.9 54.5 81.7
101 9.1 6.6 9.8
130 20.4 11.5 17.3#



#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion: 107 Resp: 615697
Ion Ratio Lower Upper
107 100
108 91.0 73.8 113.8
77 35.0 19.1 59.1
79 30.8 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

Tot Ion:136 Resp: 777676

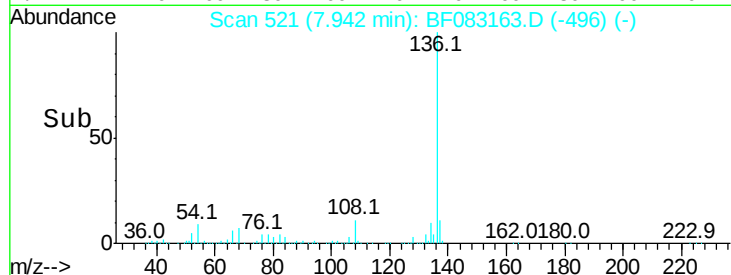
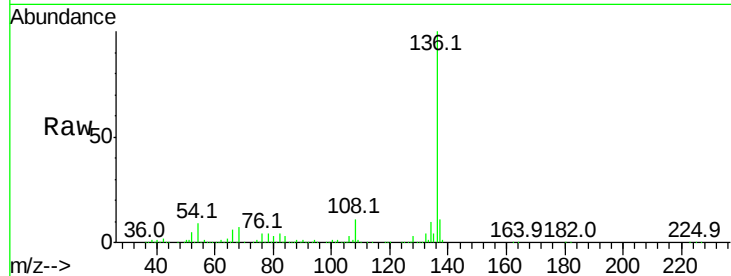
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.5 5.8 8.6#

68 7.0 3.8 5.8#

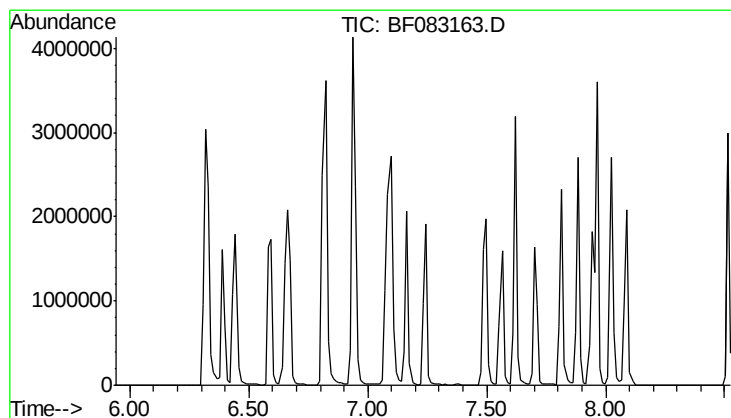
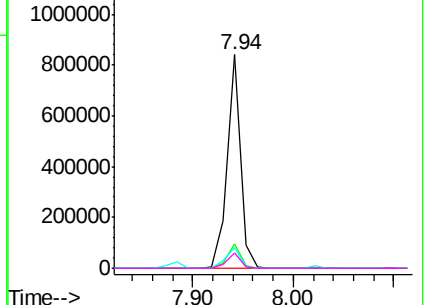


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 0.00 ng

Expected RT: 7.23 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

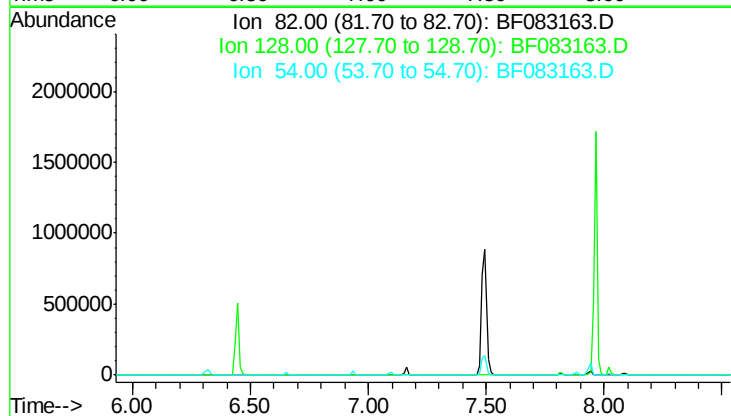
Tgt Ion: 82

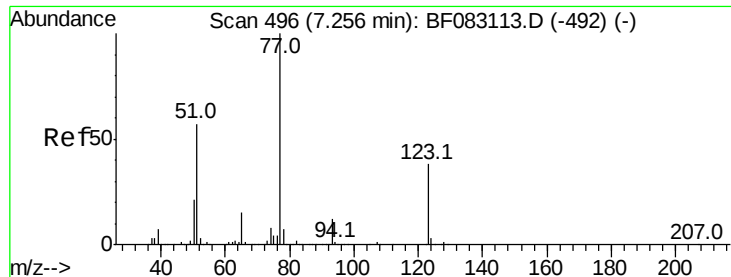
Sig Exp Ratio

82 100

128 35.6

54 55.8





#24

Nitrobenzene

Concen: 39.07 ng

RT: 7.24 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

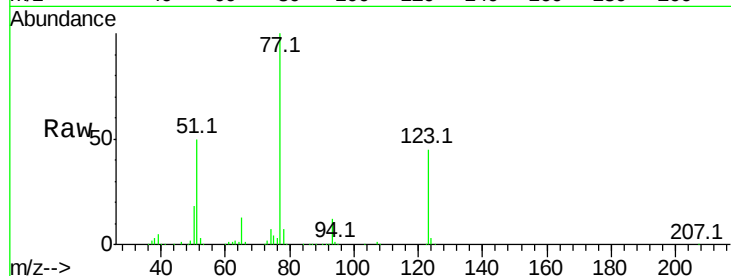
Tot Ion: 77 Resp: 710532

Ion Ratio Lower Upper

77 100

123 45.0 30.1 45.1

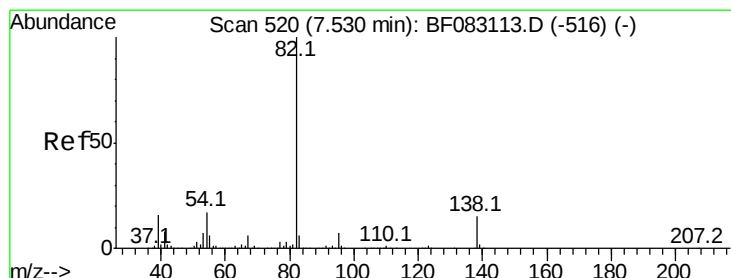
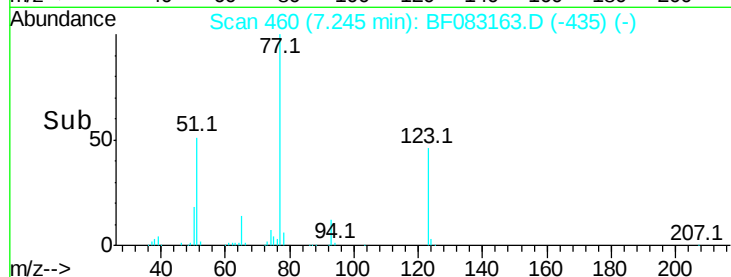
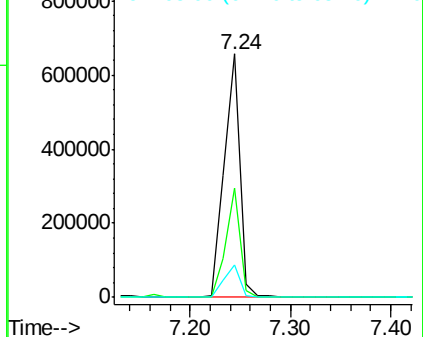
65 13.4 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.23 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

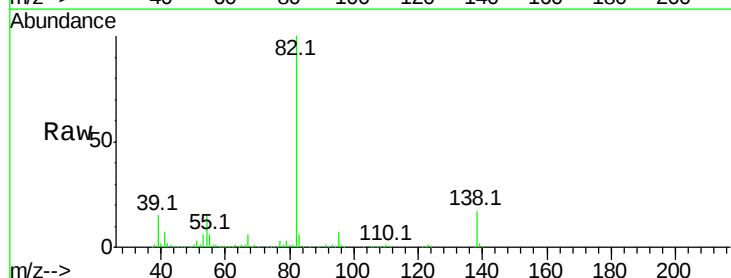
Tgt Ion: 82 Resp: 1231872

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.8

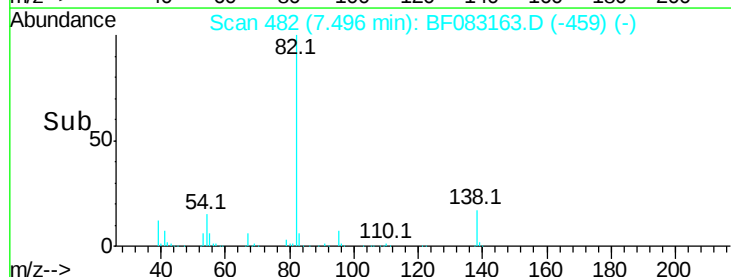
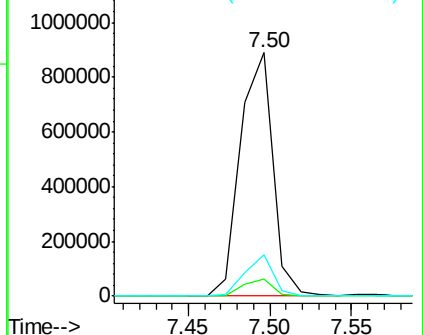
138 16.9 11.6 17.4

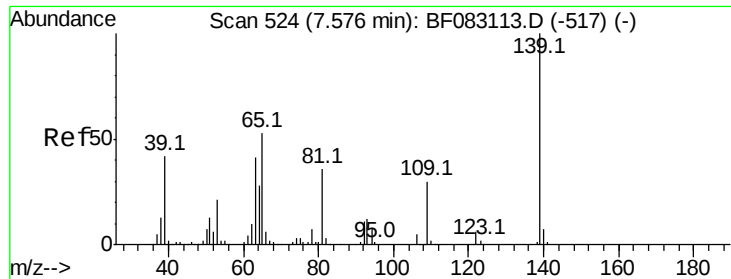


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

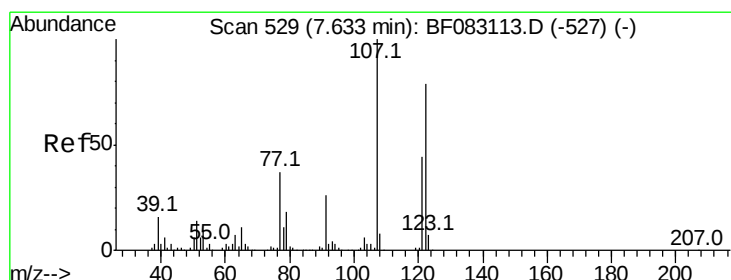
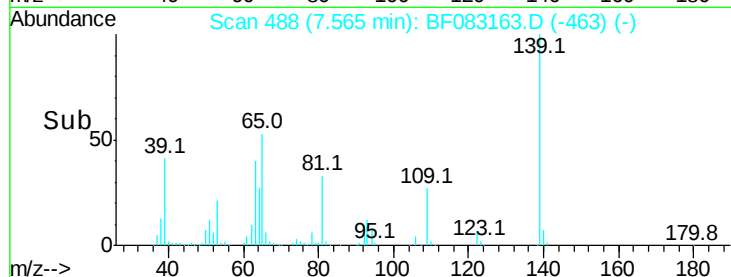
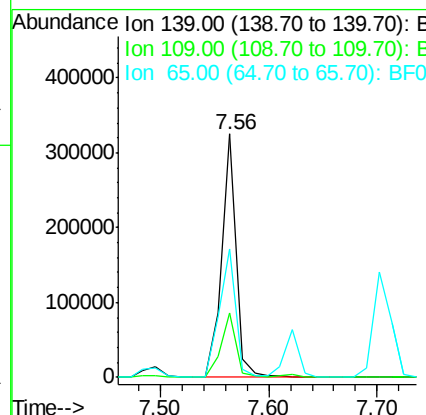
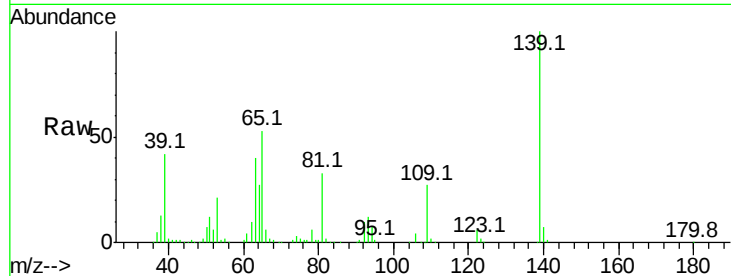




#26
 2-Nitrophenol
 Concen: 38.29 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

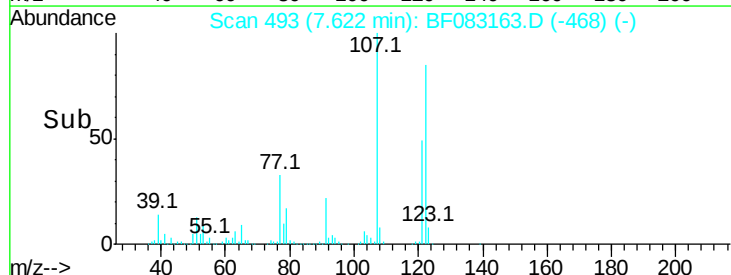
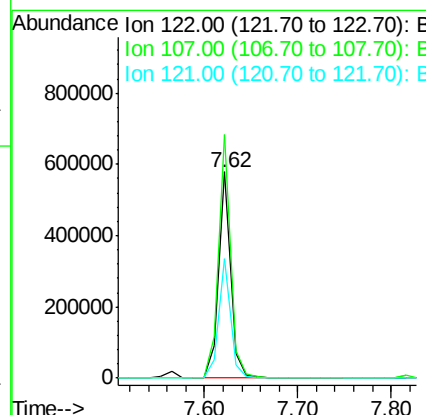
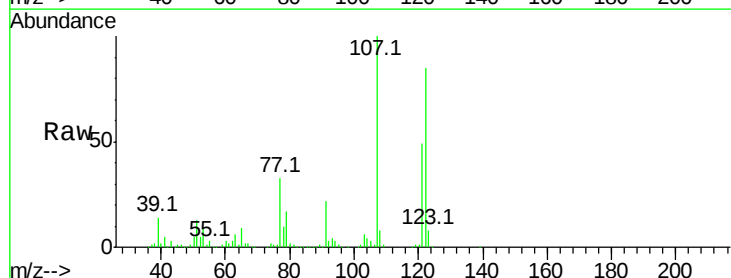
Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

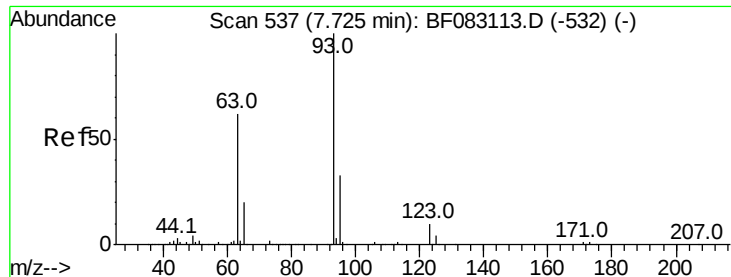
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.6	23.9	35.9
65	53.0	42.7	64.1



#27
 2,4-Dimethylphenol
 Concen: 40.52 ng
 RT: 7.62 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.0	101.1	151.7
121	57.6	44.9	67.3

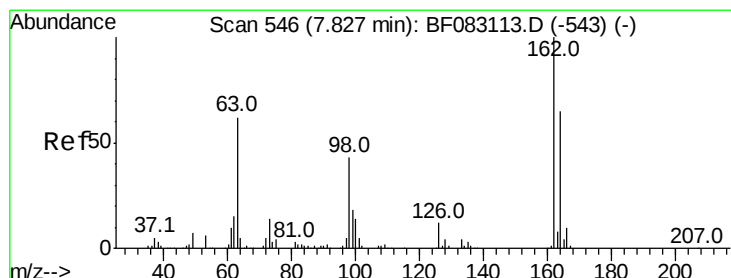
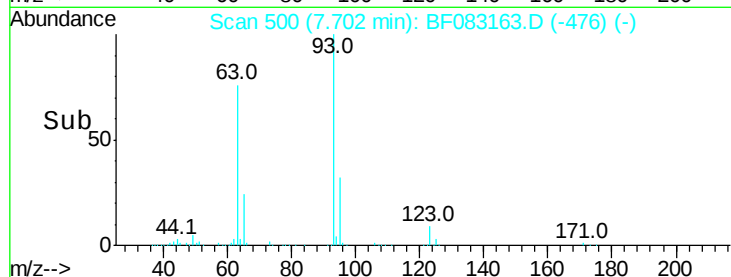
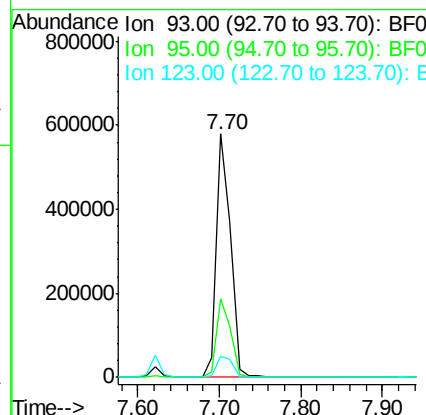
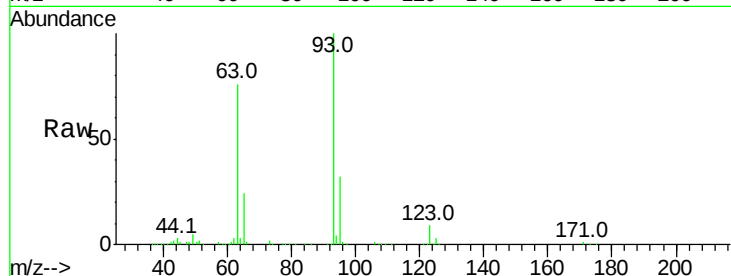




#28
bis(2-Chloroethoxy)methane
Concen: 37.69 ng
RT: 7.70 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

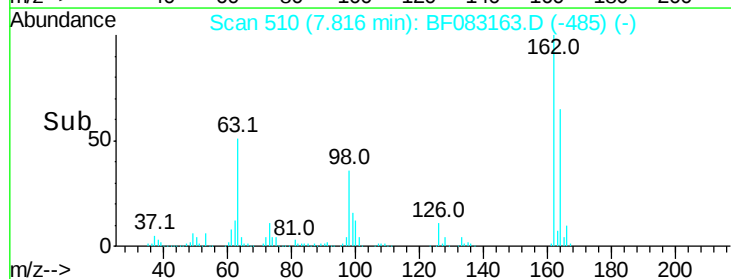
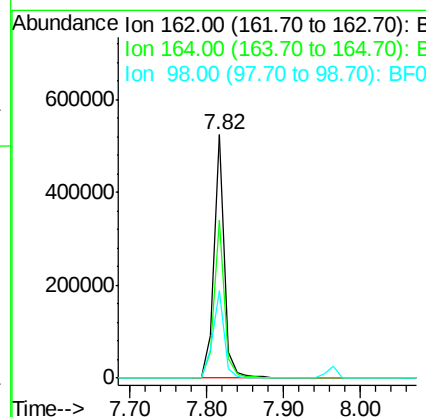
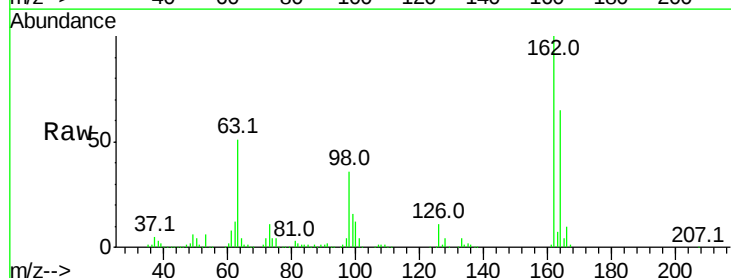
Instrument :
BNA_F
ClientSampleId :
SP3503DL

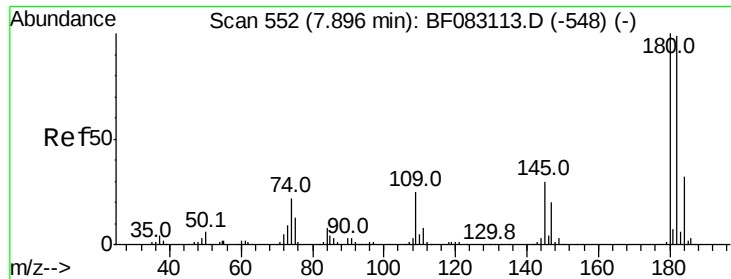
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	8.6	8.1	12.1



#29
2,4-Dichlorophenol
Concen: 39.54 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.8	84.8
98	36.1	23.1	63.1

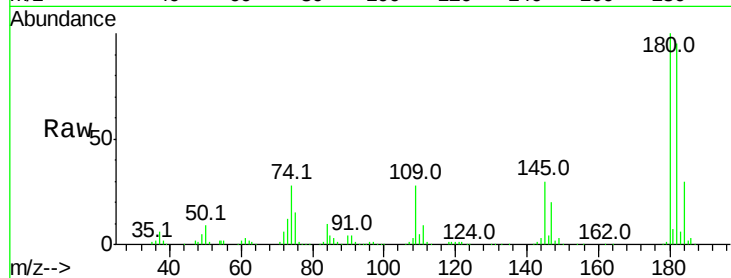




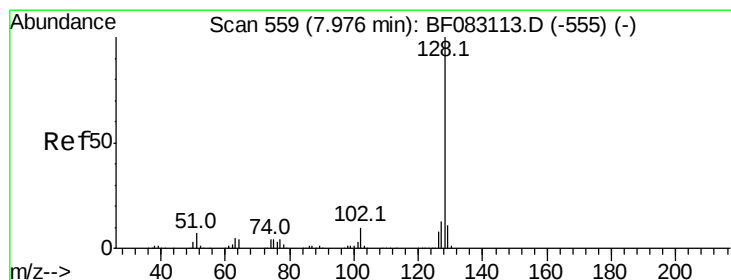
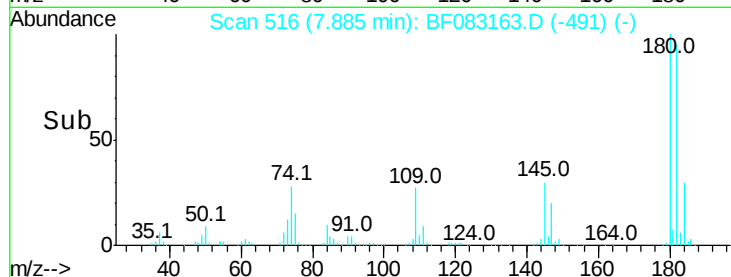
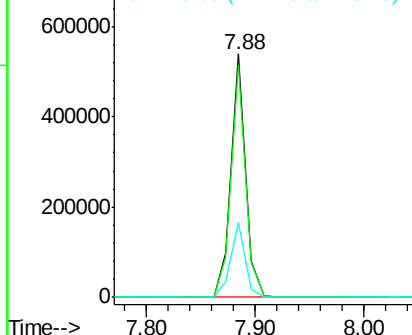
#30
 1,2,4-Trichlorobenzene
 Concen: 37.15 ng
 RT: 7.88 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

Tot Ion:180 Resp: 497255
 Ion Ratio Lower Upper
 180 100
 182 95.2 79.0 118.6
 145 30.4 24.2 36.2

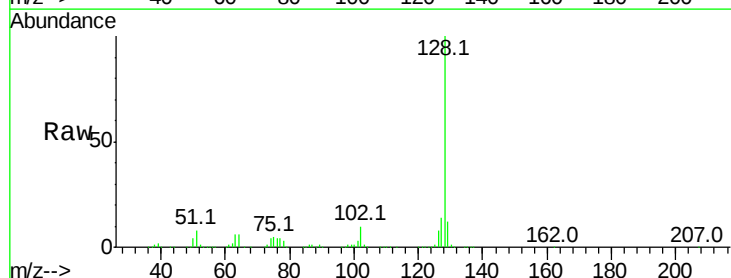


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

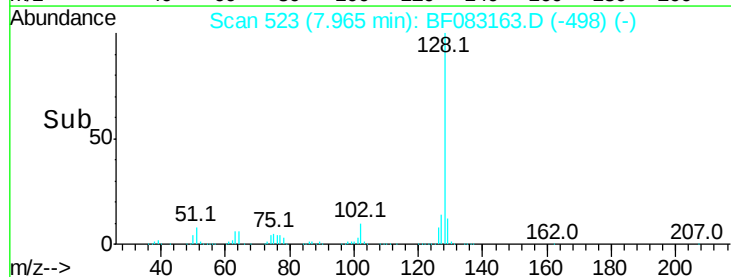
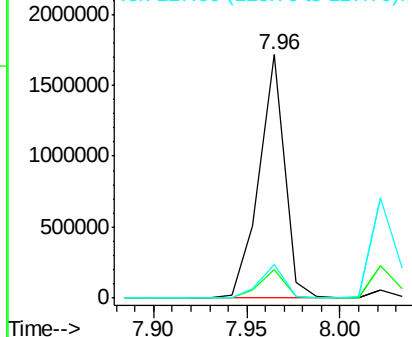


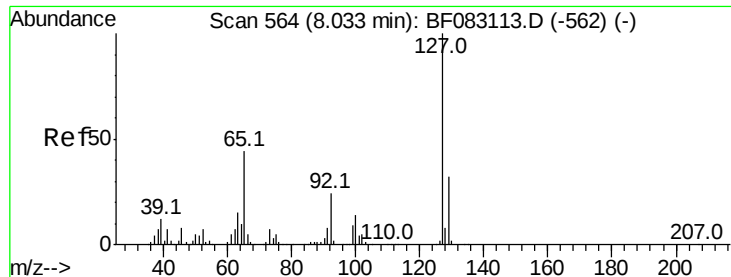
#31
 Naphthalene
 Concen: 38.68 ng
 RT: 7.96 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion:128 Resp: 1623289
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.4
 127 14.0 10.6 15.8



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

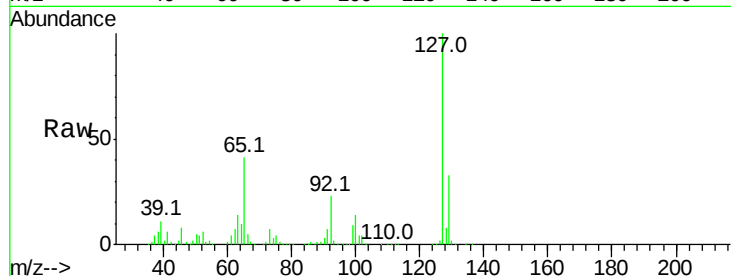




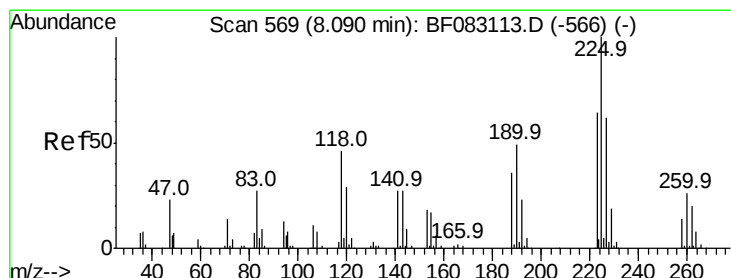
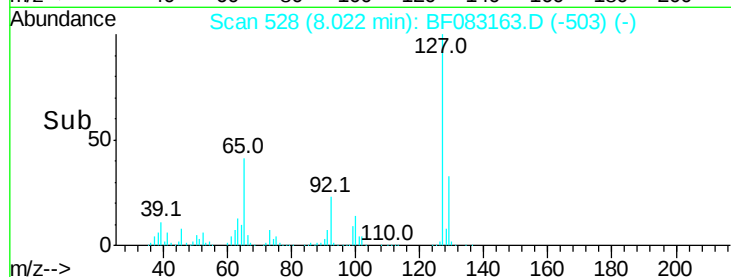
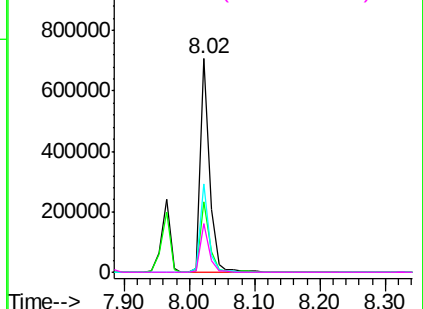
#33
4-Chloroaniline
Concen: 41.60 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SP3503DL

Tot Ion:	127	Resp:	677407
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	41.2	35.5	53.3
92	23.0	19.4	29.2

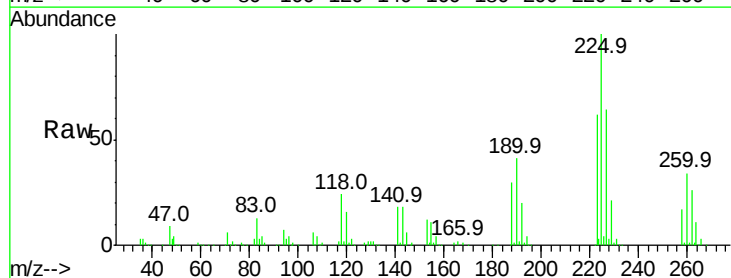


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

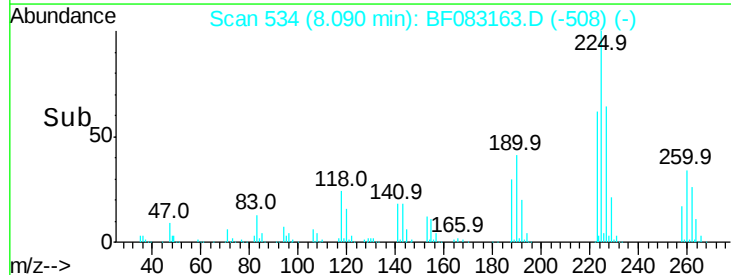
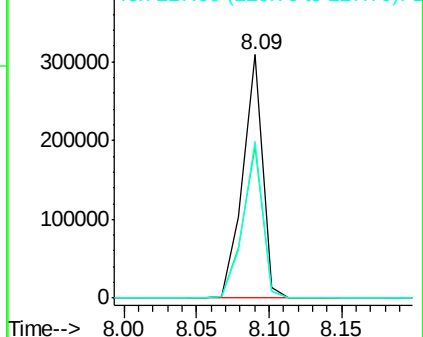


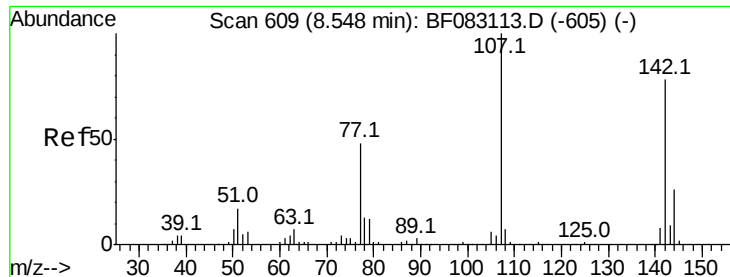
#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion:	225	Resp:	294587
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.3	76.9
227	64.4	49.8	74.8



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





#36

4-Chloro-3-methylphenol

Concen: 38.99 ng

RT: 8.51 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

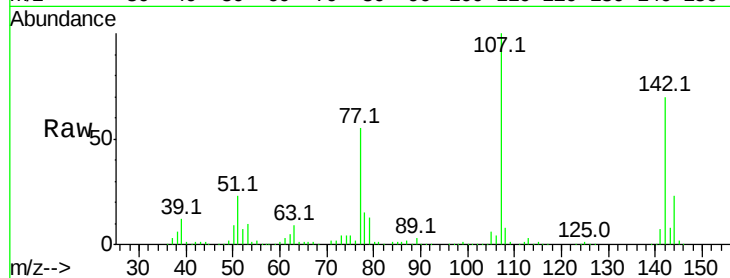
Tot Ion:107 Resp: 550287

Ion Ratio Lower Upper

107 100

144 22.6 20.8 31.2

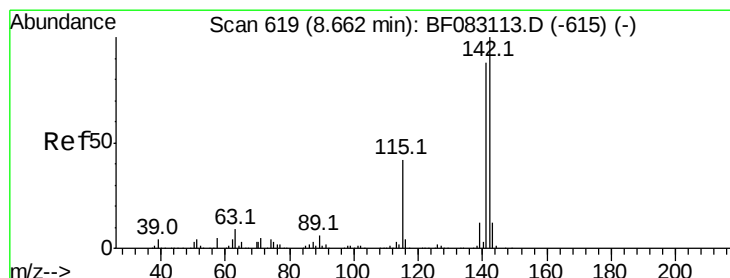
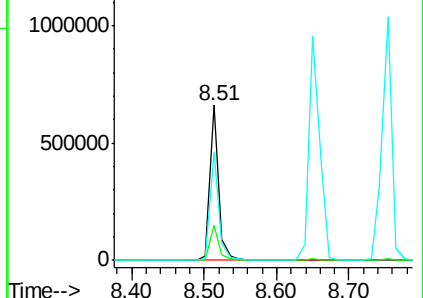
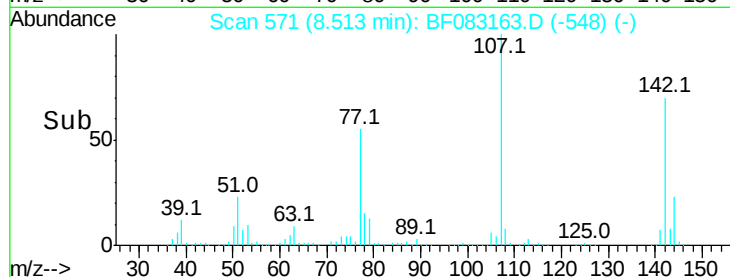
142 70.1 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 36.24 ng

RT: 8.65 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

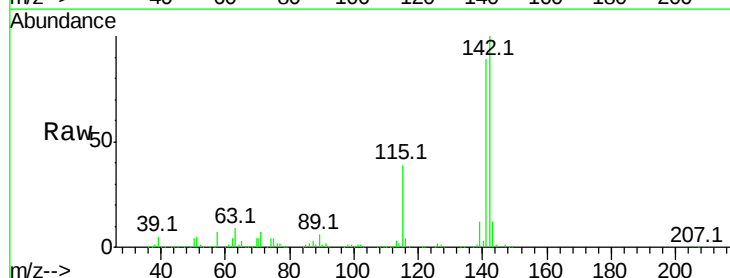
Tgt Ion:142 Resp: 987180

Ion Ratio Lower Upper

142 100

141 88.9 70.3 105.5

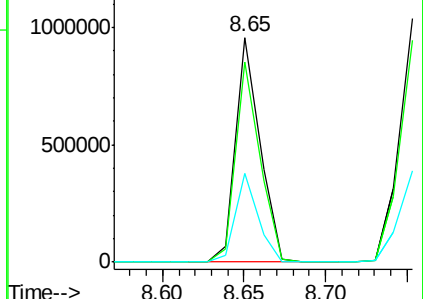
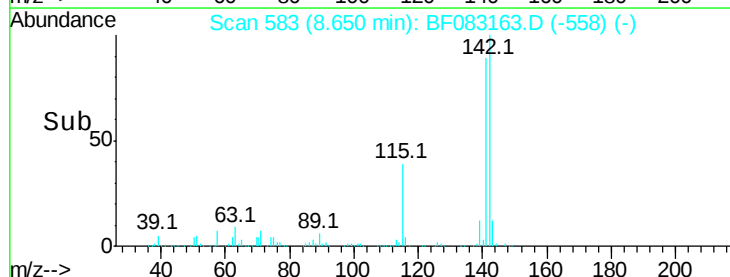
115 39.5 33.4 50.2

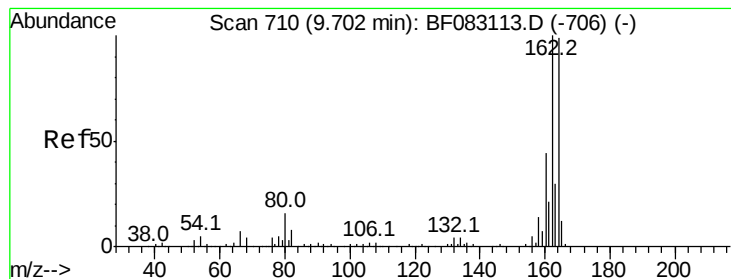


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

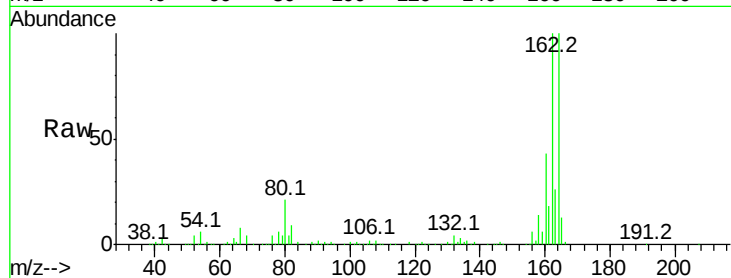
Tot Ion:164 Resp: 395530

Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

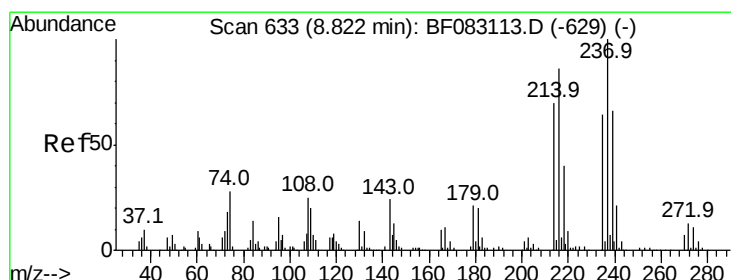
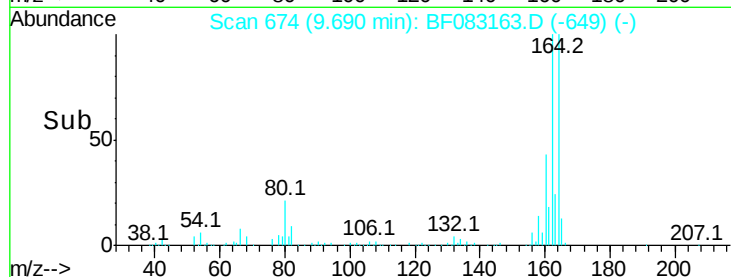
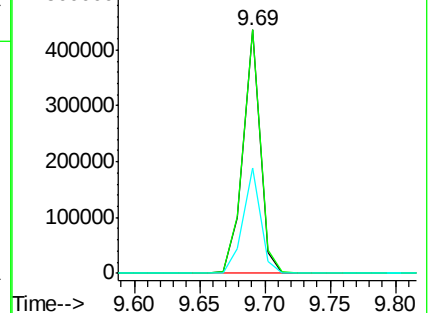
160 43.4 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.24 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

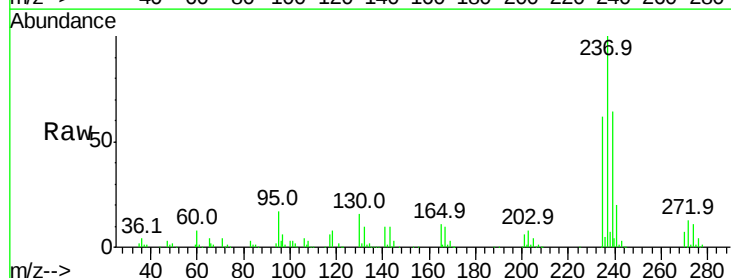
Tgt Ion:237 Resp: 271480

Ion Ratio Lower Upper

237 100

235 62.1 43.5 83.5

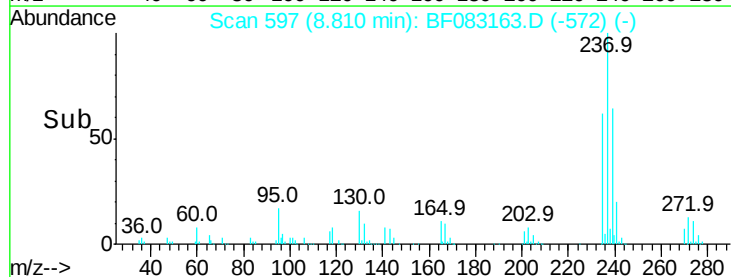
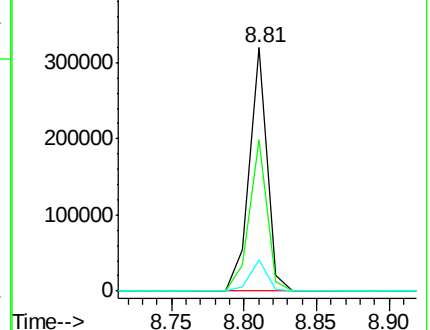
272 13.0 0.0 33.1

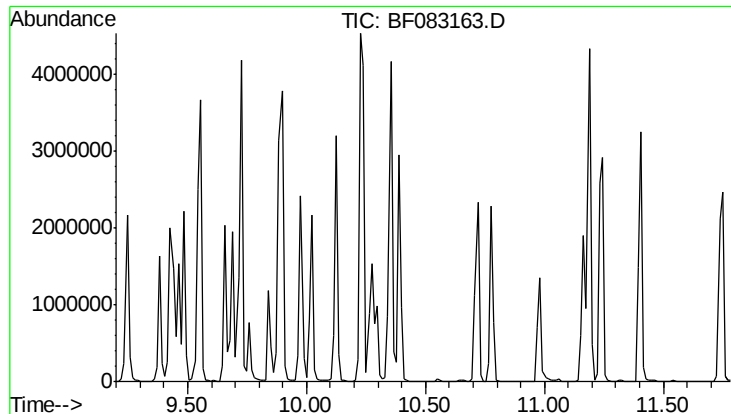


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

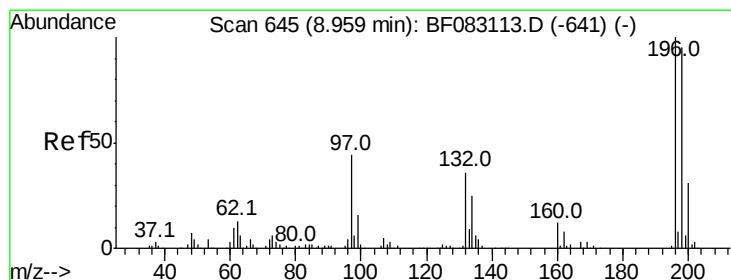
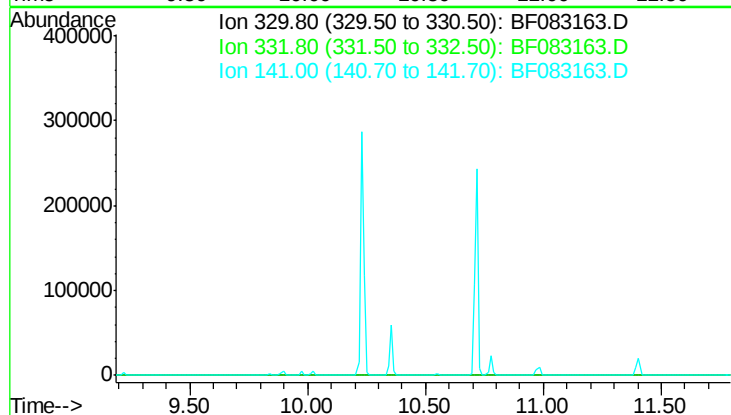




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.49 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

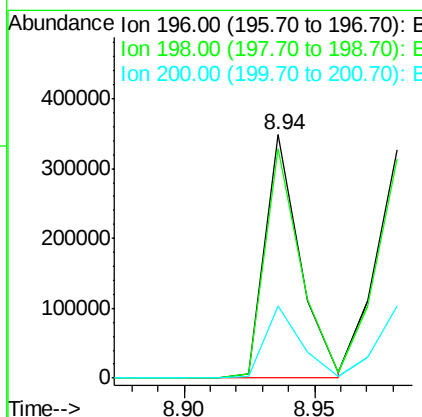
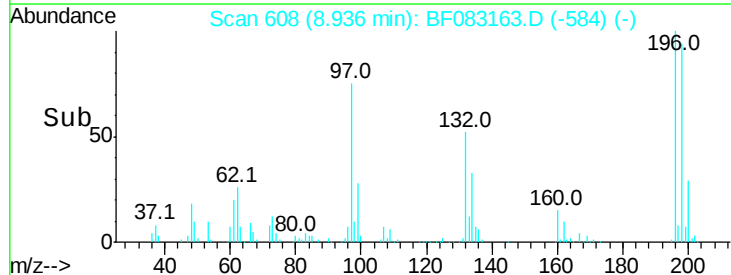
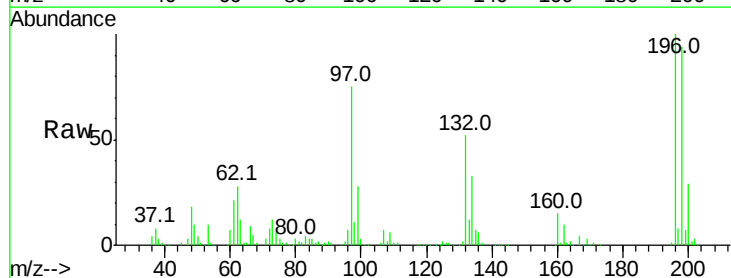
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.1
 141 37.1

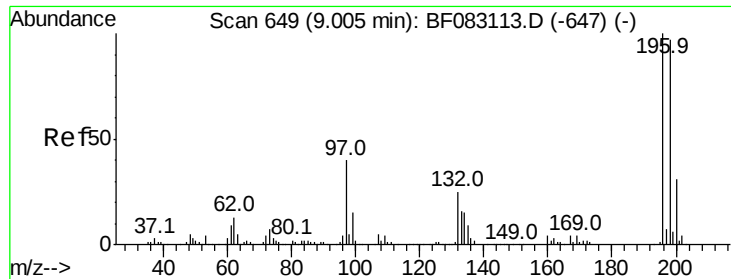


#42
 2,4,6-Trichlorophenol
 Concen: 35.30 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion: 196 Resp: 324091

Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.9	113.9
200	29.4	24.5	36.7

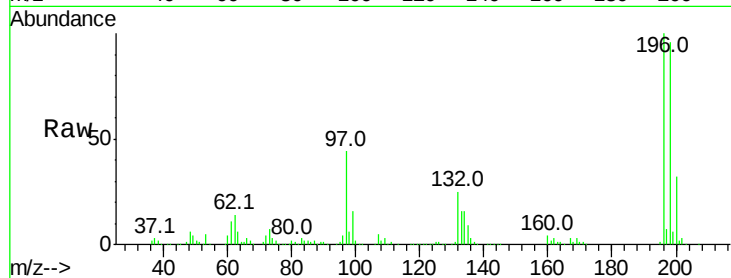




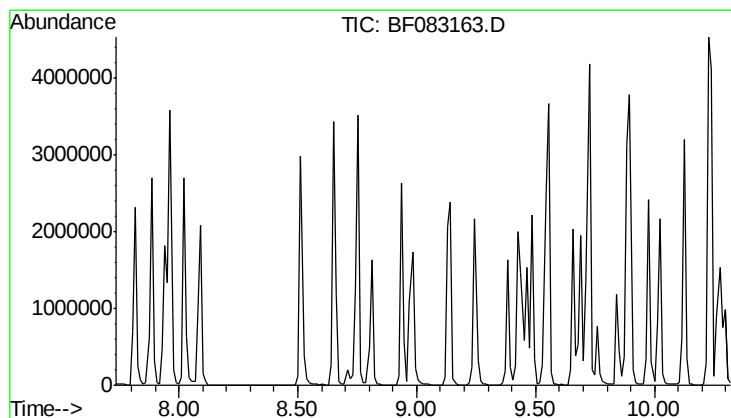
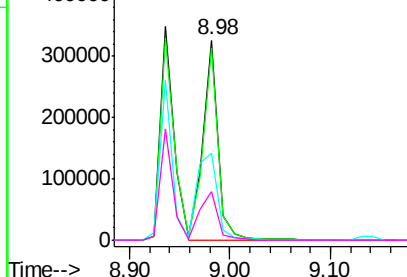
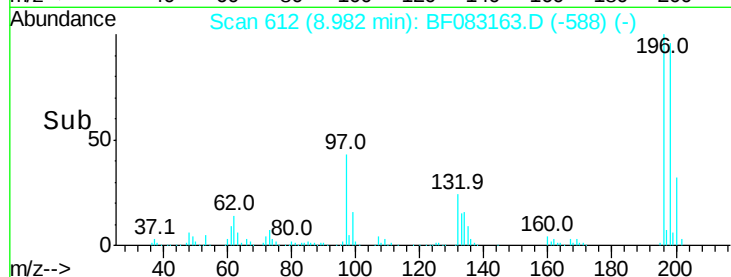
#43
 2,4,5-Trichlorophenol
 Concen: 36.49 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

Tot Ion:196 Resp: 342588
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.6 116.4
 97 43.5 32.6 48.8
 132 24.5 19.8 29.8



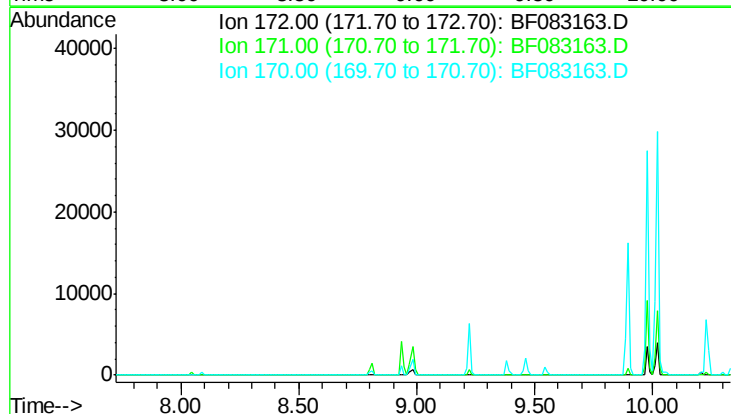
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

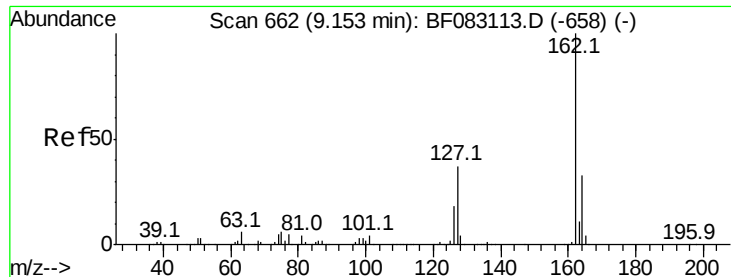


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.03 min

Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.9
 170 24.9

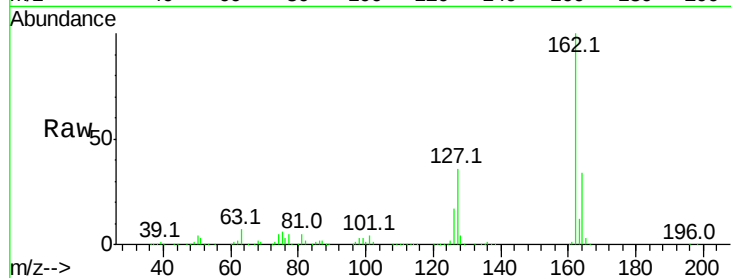




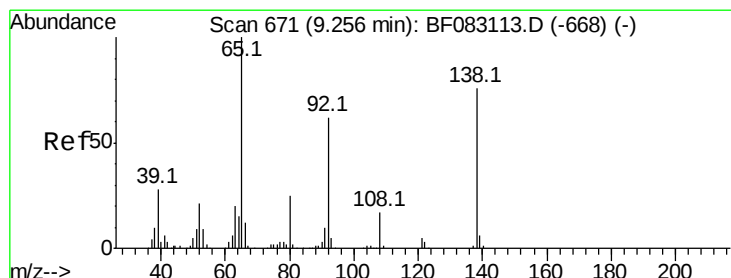
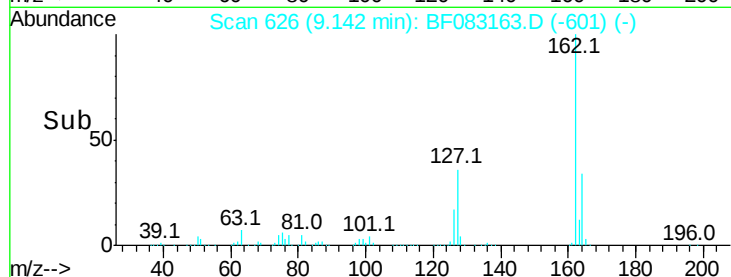
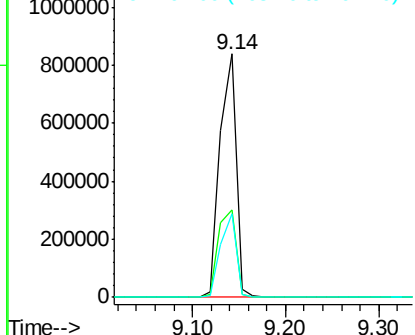
#46
 2-Chloronaphthalene
 Concen: 38.09 ng
 RT: 9.14 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

Tot Ion:162 Resp: 1007074
 Ion Ratio Lower Upper
 162 100
 127 36.2 29.4 44.2
 164 34.3 26.2 39.4

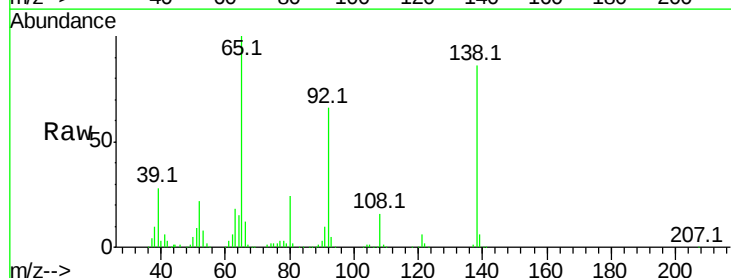


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

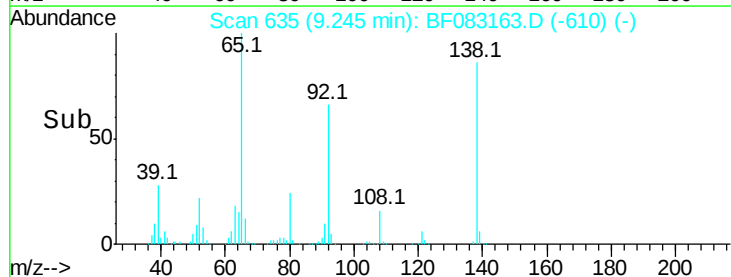
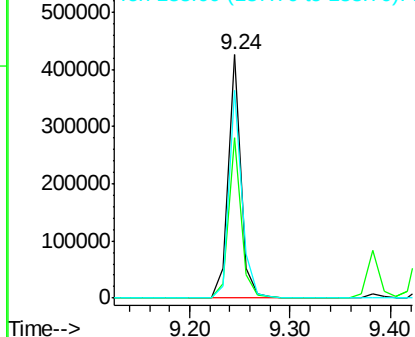


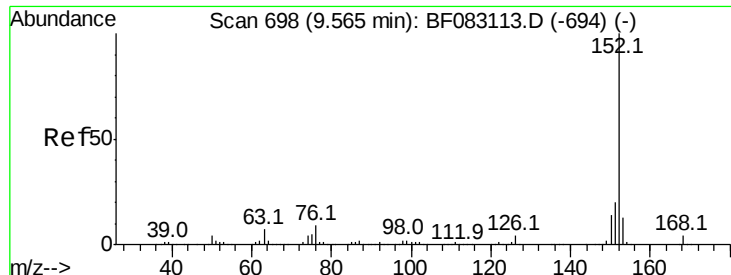
#47
 2-Nitroaniline
 Concen: 40.12 ng
 RT: 9.24 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion: 65 Resp: 375228
 Ion Ratio Lower Upper
 65 100
 92 65.7 49.5 74.3
 138 85.5 60.7 91.1



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





#48

Acenaphthylene

Concen: 38.84 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

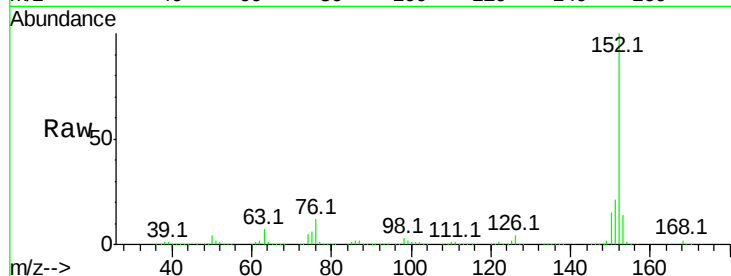
Tot Ion:152 Resp: 1591478

Ion Ratio Lower Upper

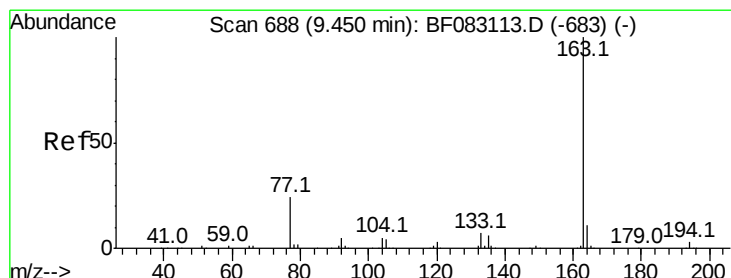
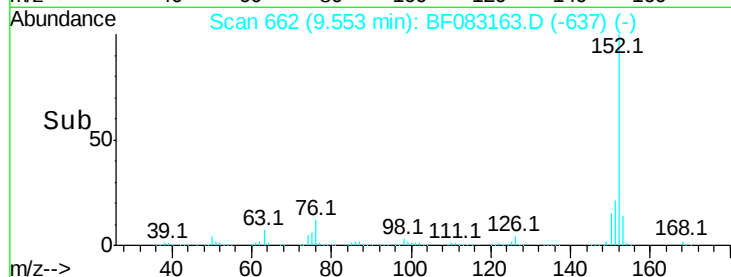
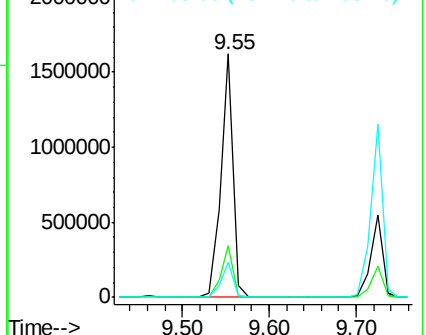
152 100

151 21.3 16.3 24.5

153 14.2 10.8 16.2



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



#49

Dimethylphthalate

Concen: 38.31 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

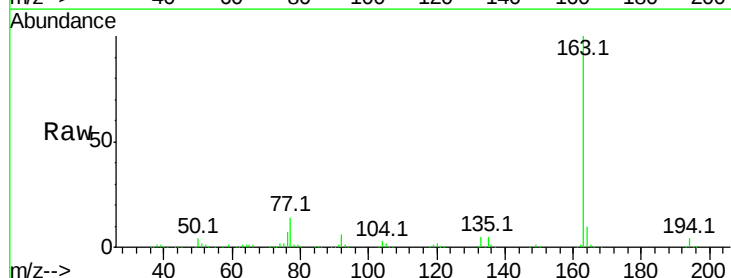
Tgt Ion:163 Resp: 1166464

Ion Ratio Lower Upper

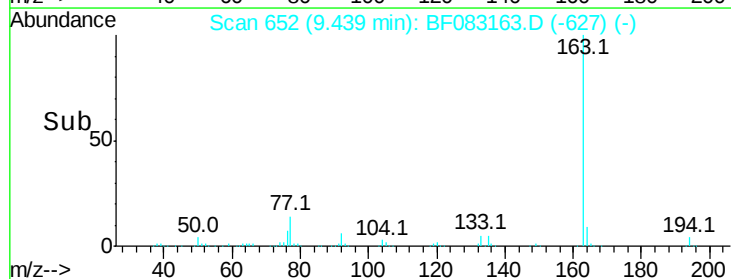
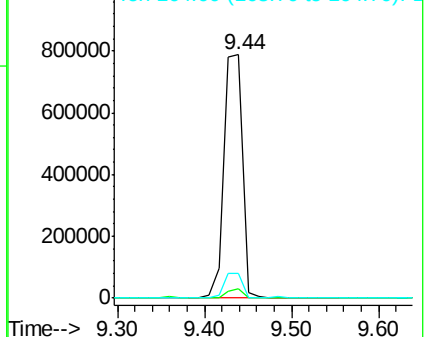
163 100

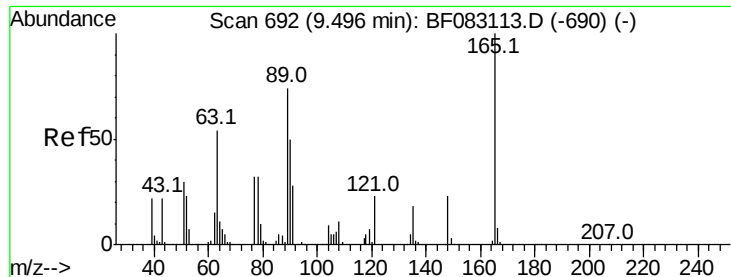
194 4.0 2.6 4.0

164 10.0 8.6 12.8



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

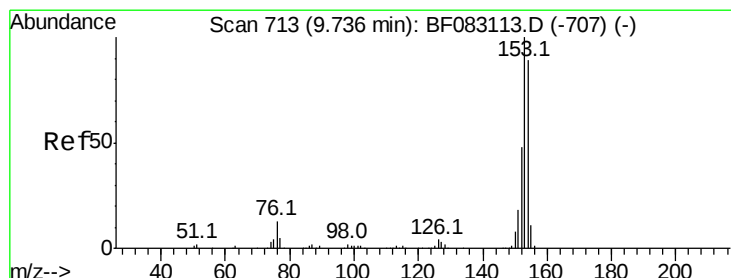
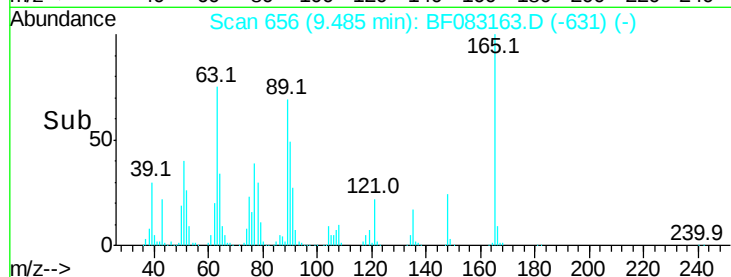
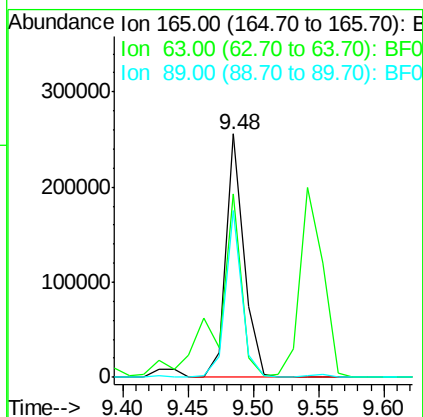
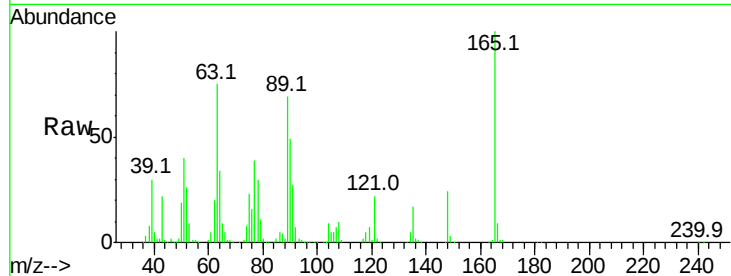




#50
 2,6-Dinitrotoluene
 Concen: 36.21 ng
 RT: 9.48 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

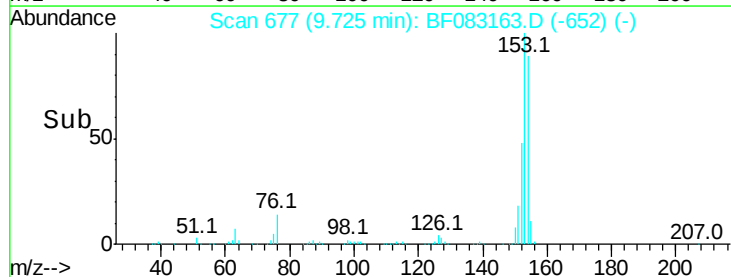
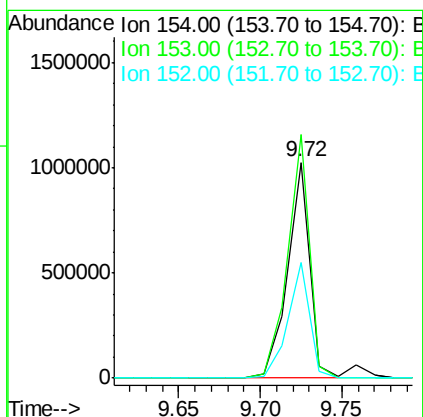
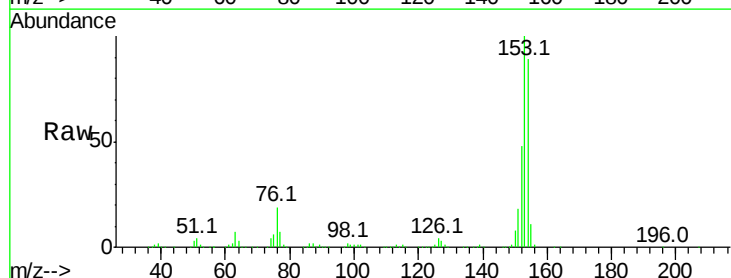
Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

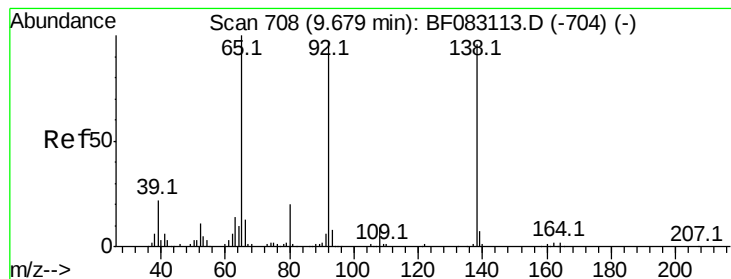
Tot Ion:165 Resp: 247437
 Ion Ratio Lower Upper
 165 100
 63 75.2 62.5 93.7
 89 68.7 59.1 88.7



#51
 Acenaphthene
 Concen: 38.56 ng
 RT: 9.72 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion:154 Resp: 961624
 Ion Ratio Lower Upper
 154 100
 153 112.8 89.6 134.4
 152 53.8 43.3 64.9





#52

3-Nitroaniline

Concen: 36.72 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

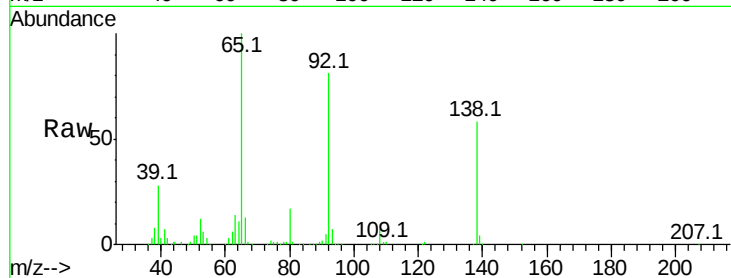
Tot Ion:138 Resp: 267469

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

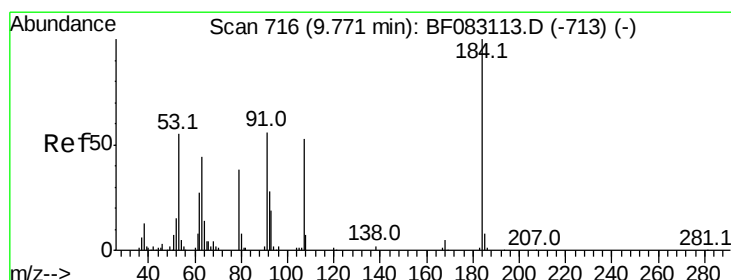
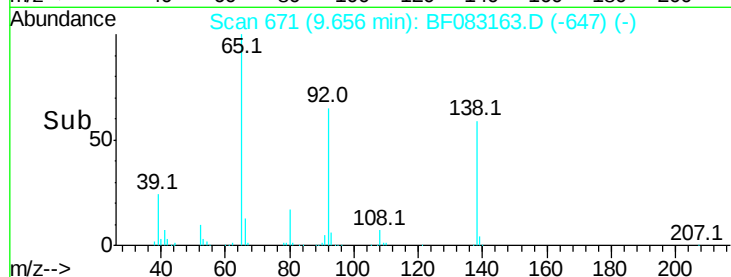
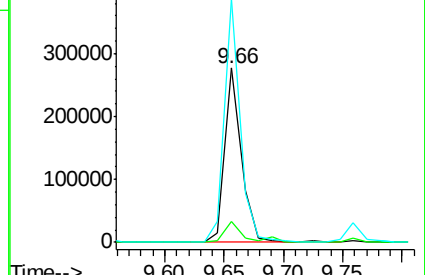
92 139.6 81.1 121.7#



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: 27.37 ng

RT: 9.76 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

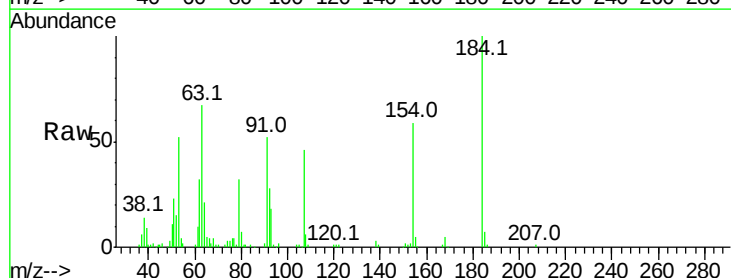
Tgt Ion:184 Resp: 107723

Ion Ratio Lower Upper

184 100

63 66.8 60.5 90.7

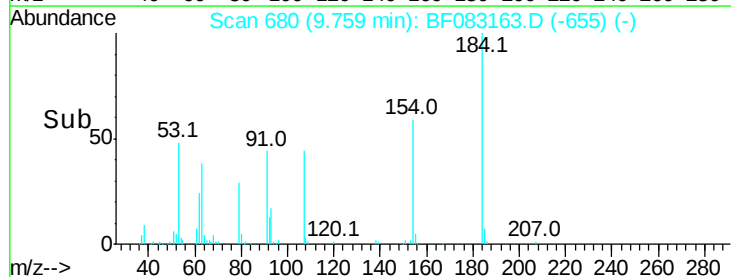
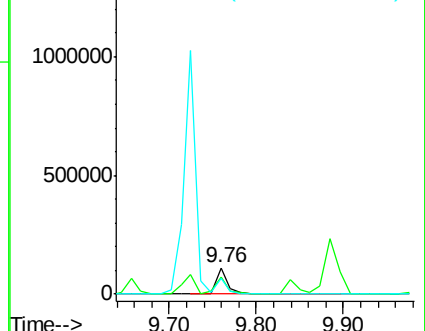
154 58.7 54.3 81.5

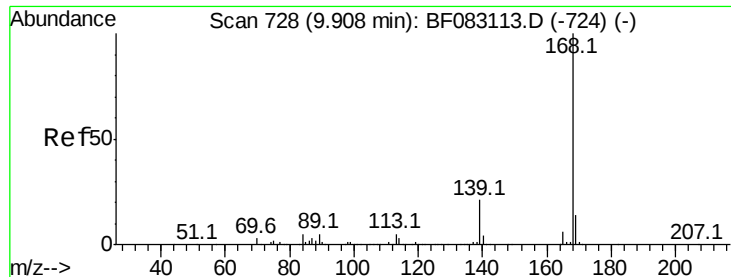


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

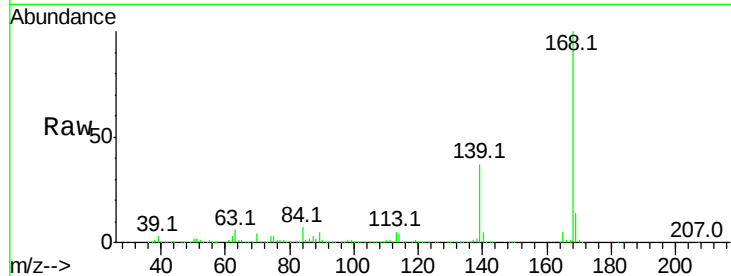




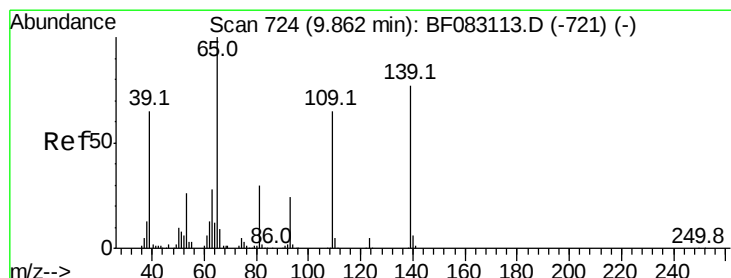
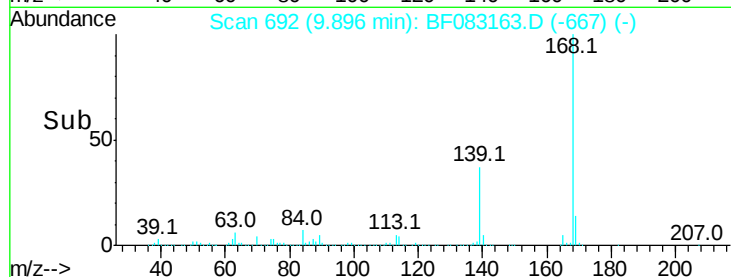
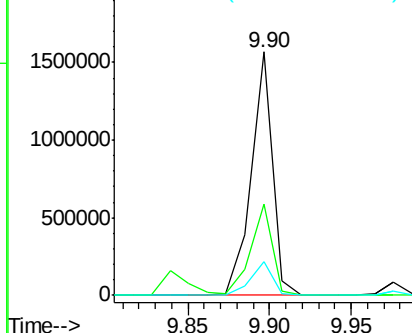
#54
Dibenzofuran
Concen: 40.28 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SP3503DL

Tot Ion:168 Resp: 1420592
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2
169 13.9 10.9 16.3

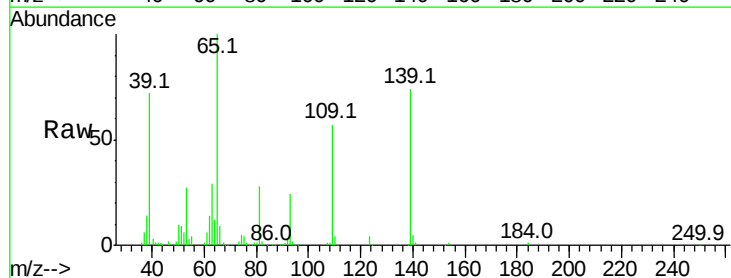


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

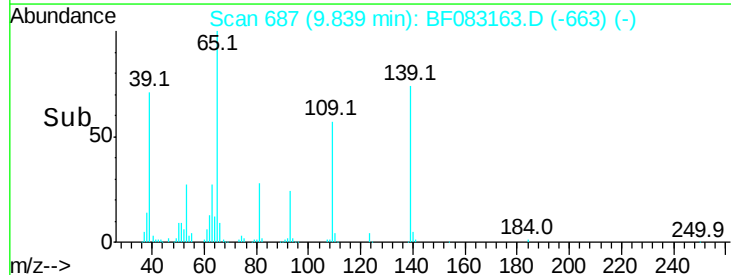
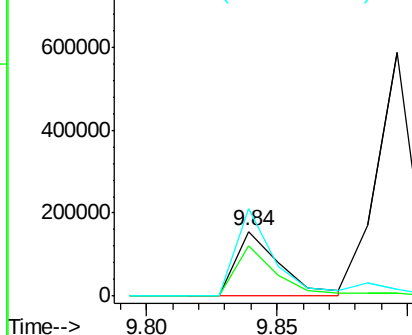


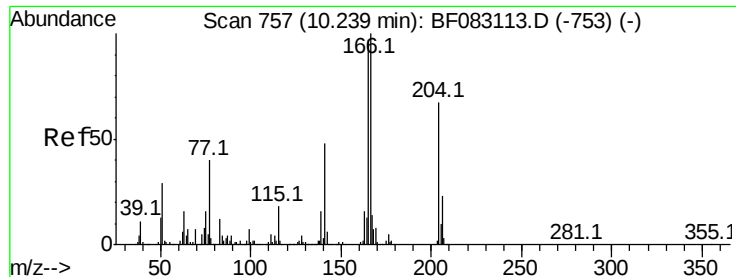
#55
4-Nitrophenol
Concen: 32.98 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion:139 Resp: 184220
Ion Ratio Lower Upper
139 100
109 77.3 64.0 104.0
65 134.5 109.5 149.5



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





#57

Fluorene

Concen: 38.11 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

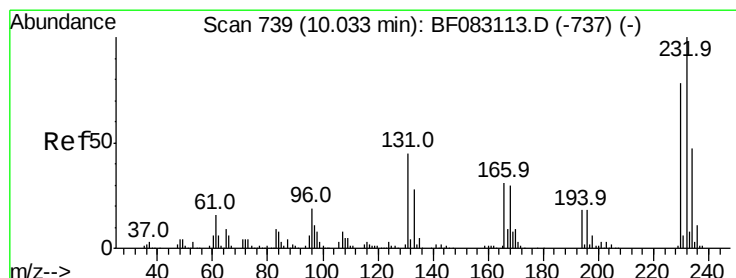
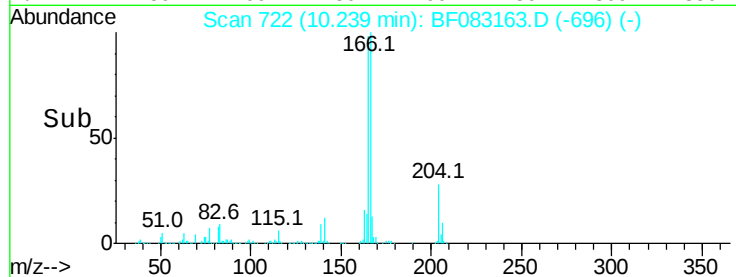
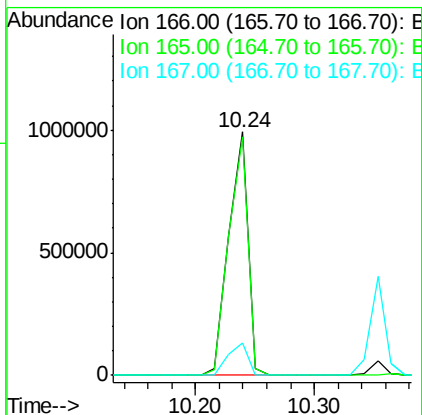
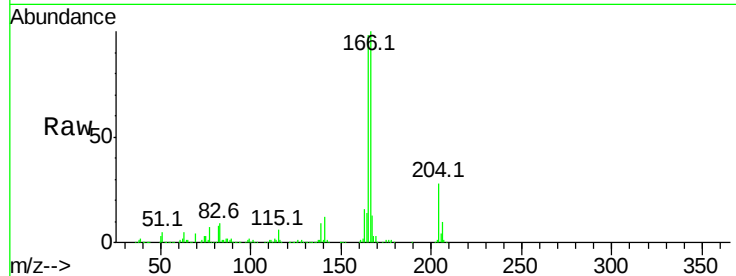
Tot Ion:166 Resp: 1110471

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

167 13.3 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.30 ng

RT: 10.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Tgt Ion:232 Resp: 302635

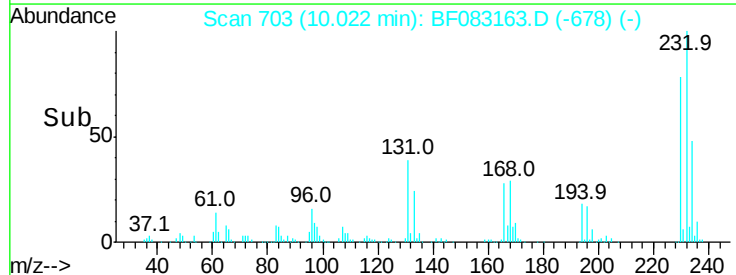
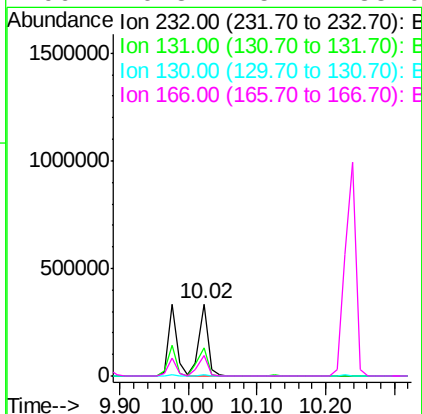
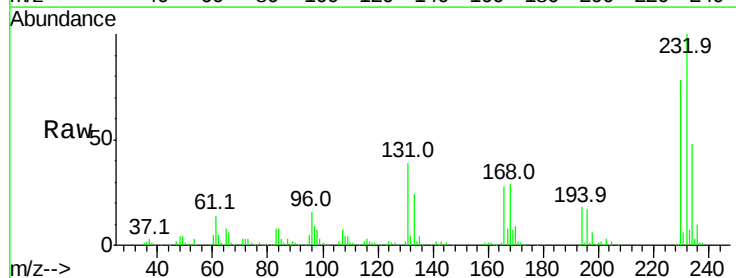
Ion Ratio Lower Upper

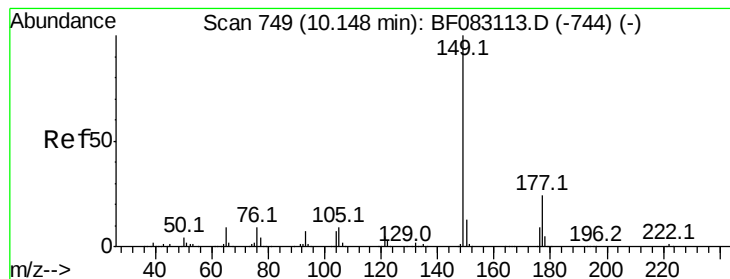
232 100

131 44.4 38.6 57.8

130 2.1 1.9 2.9

166 29.8 25.4 38.0





#59

Diethylphthalate

Concen: 37.25 ng

RT: 10.12 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleID :

SP3503DL

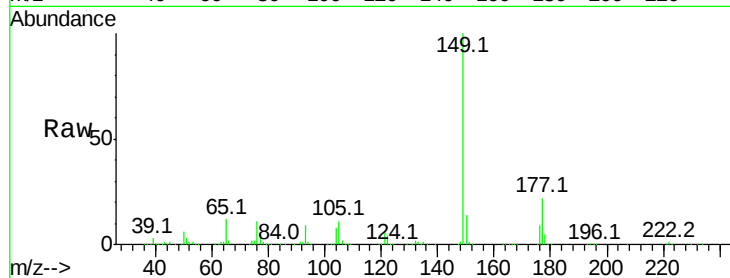
Tot Ion:149 Resp: 1129069

Ion Ratio Lower Upper

149 100

177 22.2 19.4 29.2

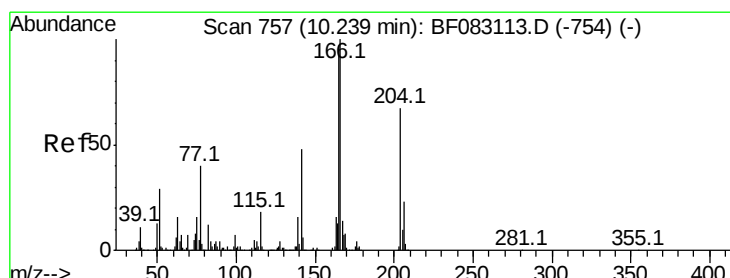
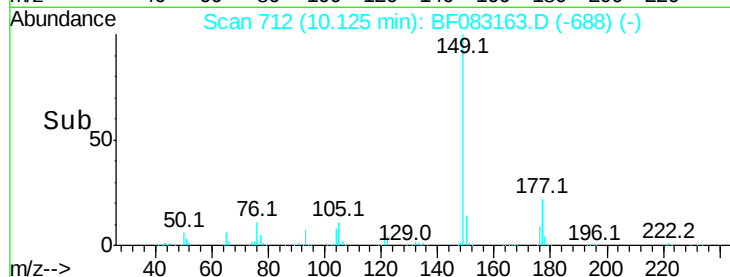
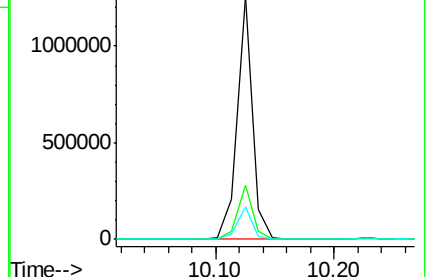
150 13.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.95 ng

RT: 10.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

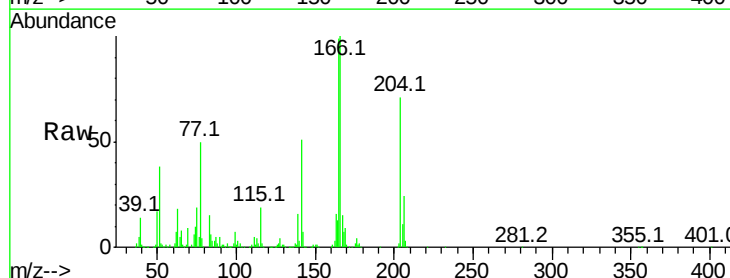
Tgt Ion:204 Resp: 479795

Ion Ratio Lower Upper

204 100

206 33.4 27.4 41.0

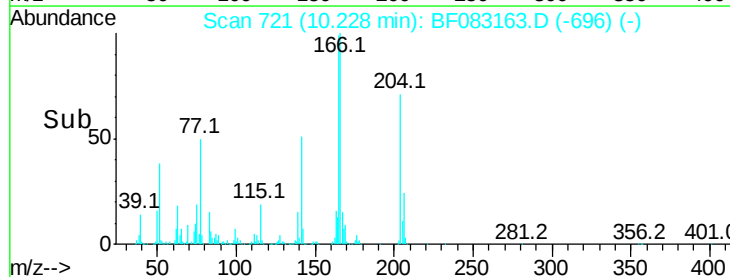
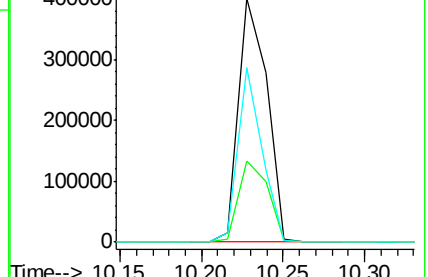
141 71.7 57.4 86.2

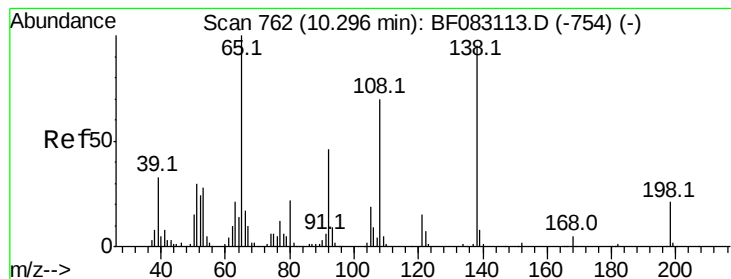


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.22 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

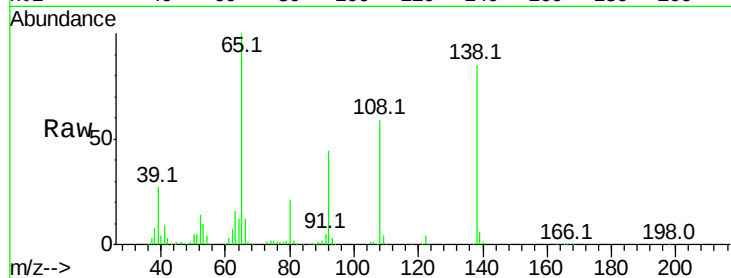
Tot Ion:138 Resp: 295636

Ion Ratio Lower Upper

138 100

92 52.2 28.4 68.4

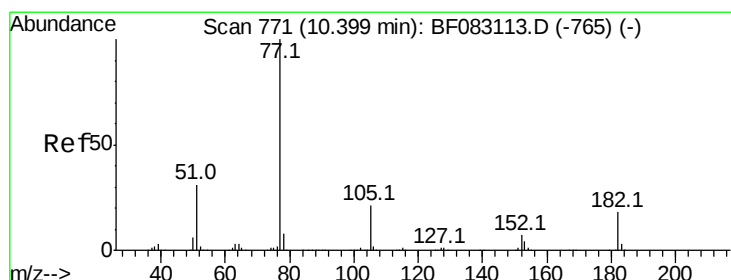
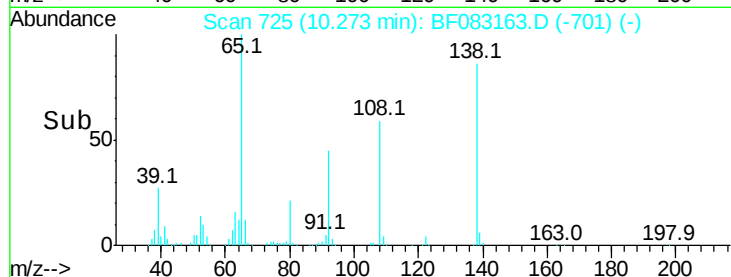
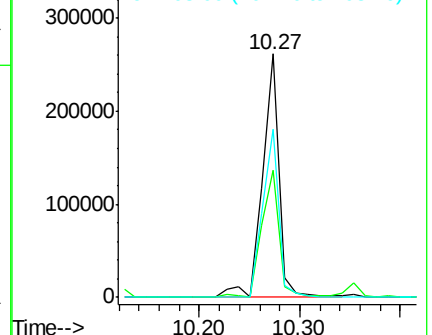
108 69.0 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.15 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Tgt Ion: 77 Resp: 1354378

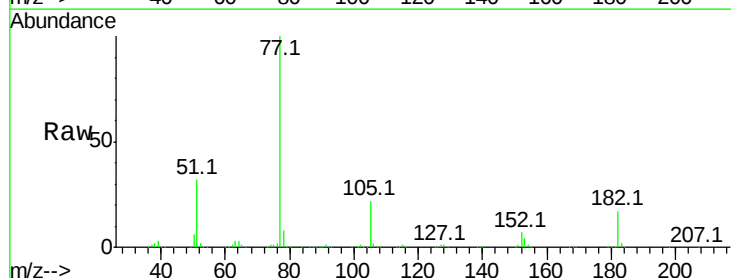
Ion Ratio Lower Upper

77 100

182 16.9 0.0 38.3

105 21.9 1.2 41.2

51 31.8 11.1 51.1

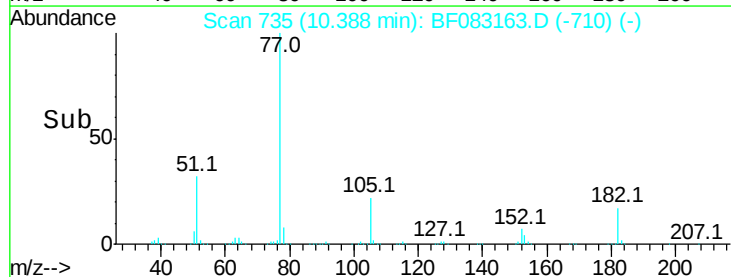
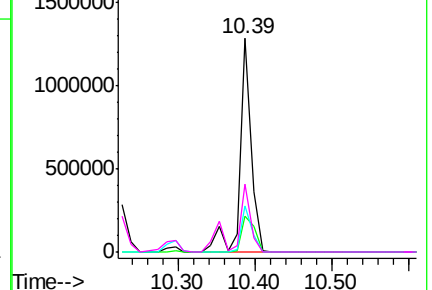


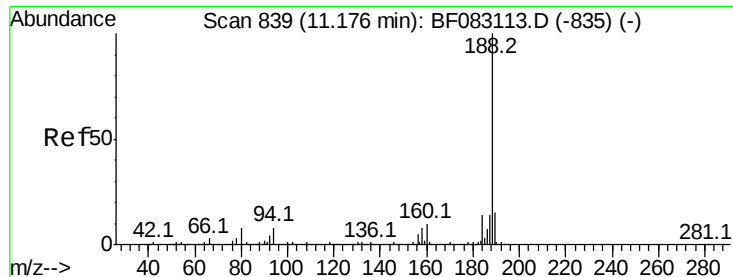
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

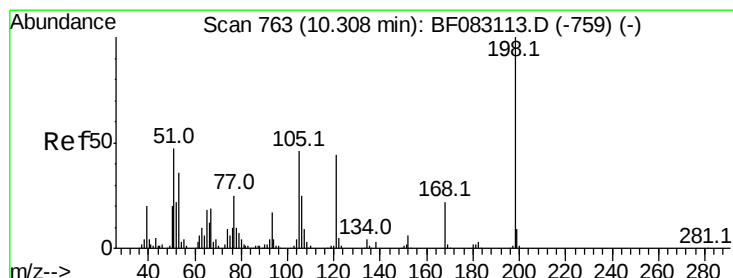
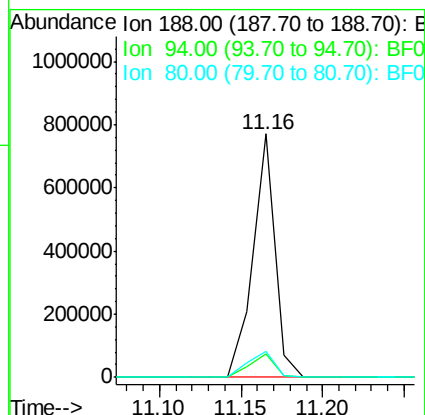
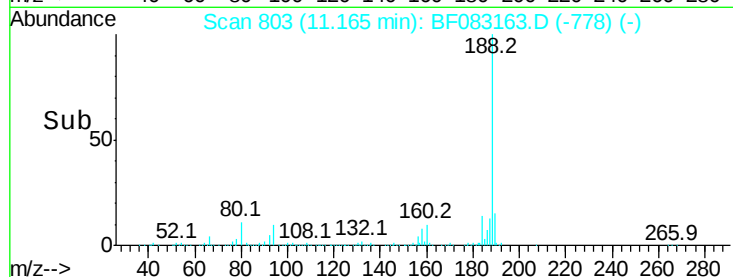
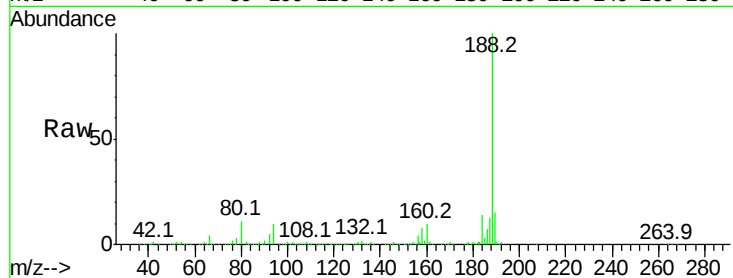




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

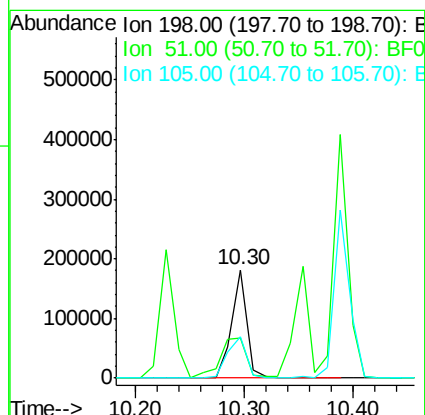
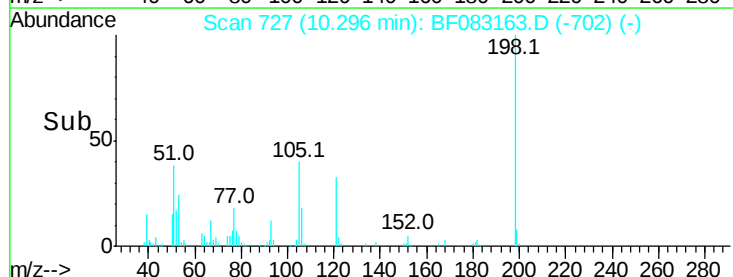
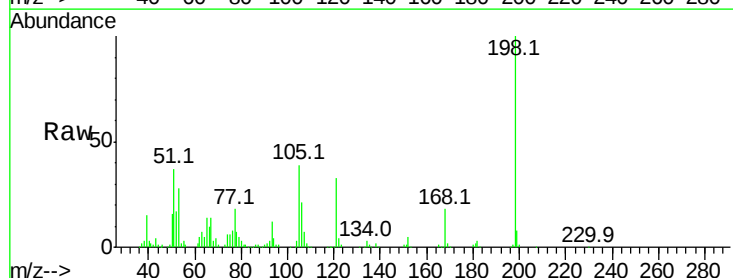
Instrument :
BNA_F
ClientSampled :
SP3503DL

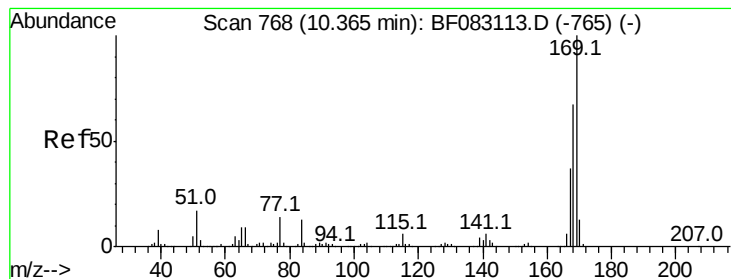
Tot Ion:188 Resp: 723086
Ion Ratio Lower Upper
188 100
94 9.5 6.0 9.0#
80 10.5 6.7 10.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.93 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion:198 Resp: 174030
Ion Ratio Lower Upper
198 100
51 37.1 27.0 67.0
105 38.6 26.1 66.1

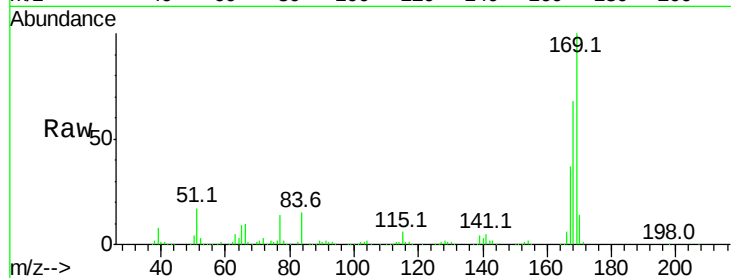




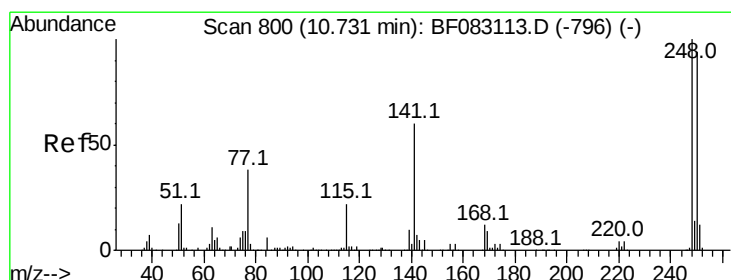
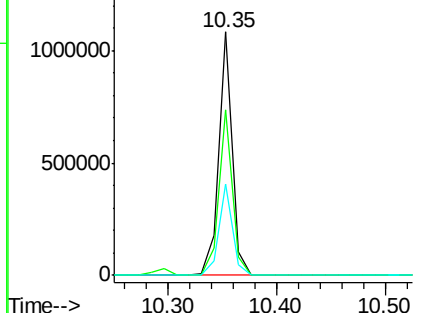
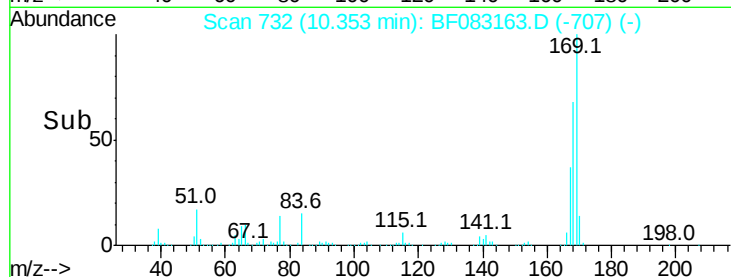
#65
n-Nitrosodiphenylamine
Concen: 38.55 ng
RT: 10.35 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SP3503DL

Tot Ion:169 Resp: 948072
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.6
167 37.4 29.8 44.8

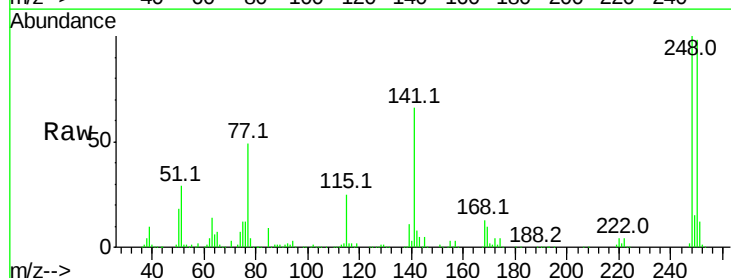


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

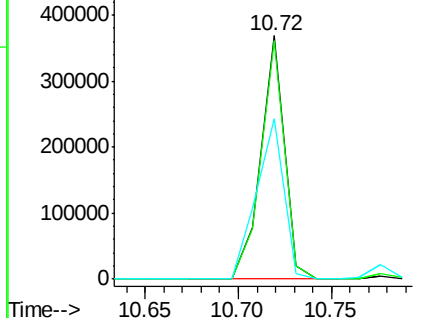
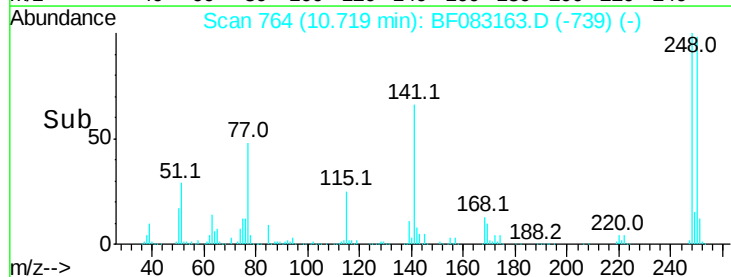


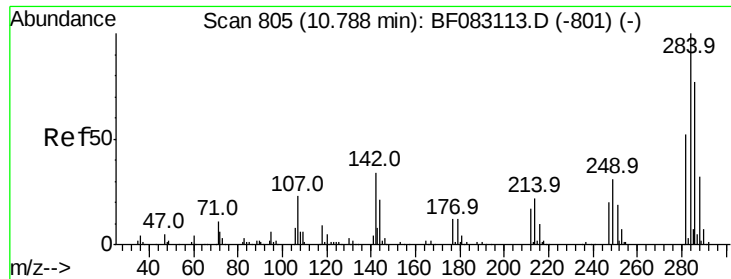
#66
4-Bromophenyl-phenylether
Concen: 40.19 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion:248 Resp: 322473
Ion Ratio Lower Upper
248 100
250 97.9 75.4 113.2
141 65.8 48.1 72.1



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: 37.32 ng

RT: 10.78 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleID :

SP3503DL

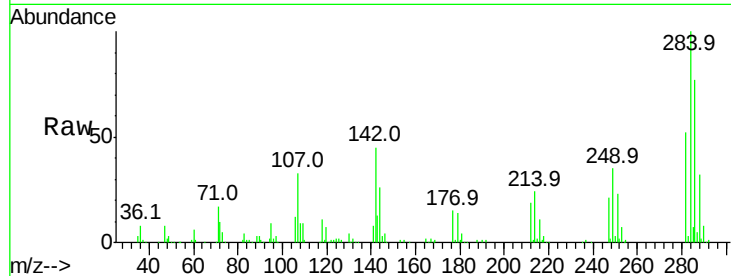
Tot Ion:284 Resp: 329788

Ion Ratio Lower Upper

284 100

142 44.9 27.6 41.4#

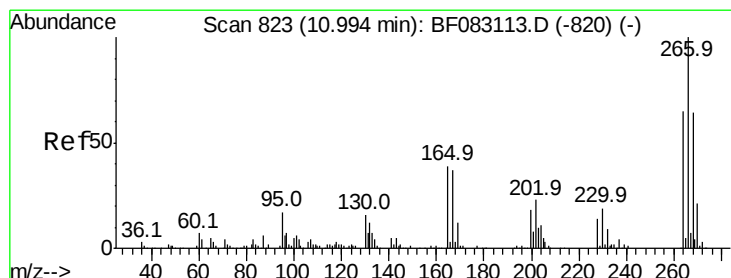
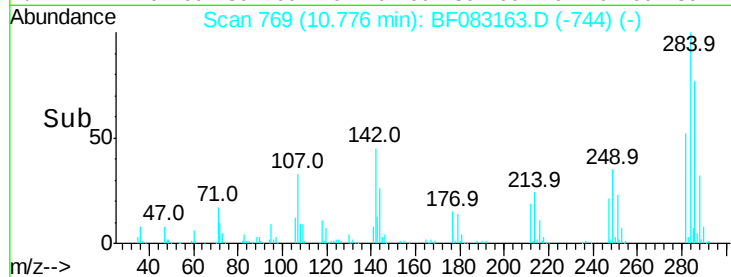
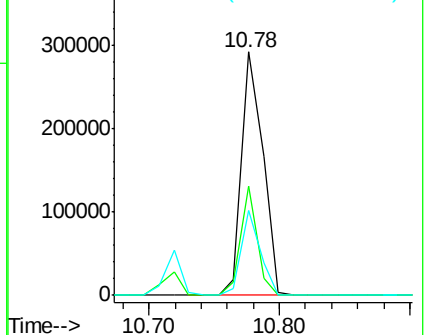
249 35.1 25.5 38.3



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



#69

Pentachlorophenol

Concen: 33.89 ng

RT: 10.98 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

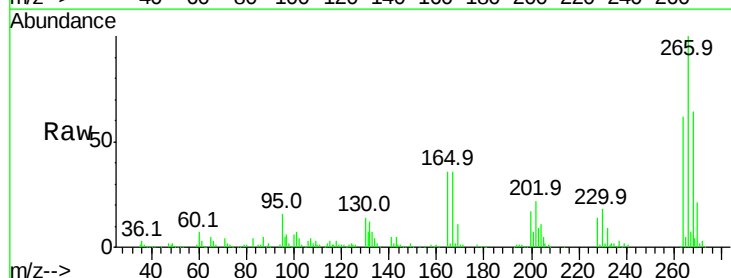
Tgt Ion:266 Resp: 195082

Ion Ratio Lower Upper

266 100

268 64.3 51.4 77.0

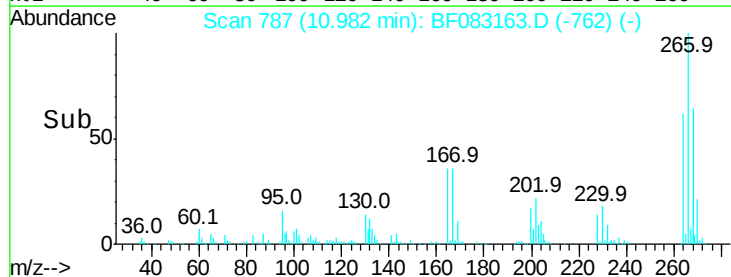
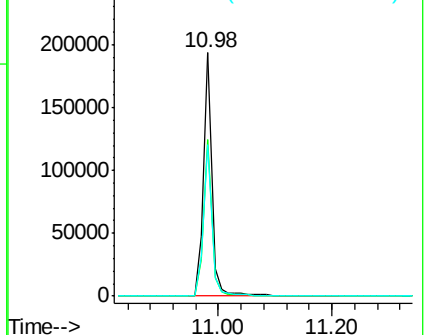
264 62.3 51.7 77.5

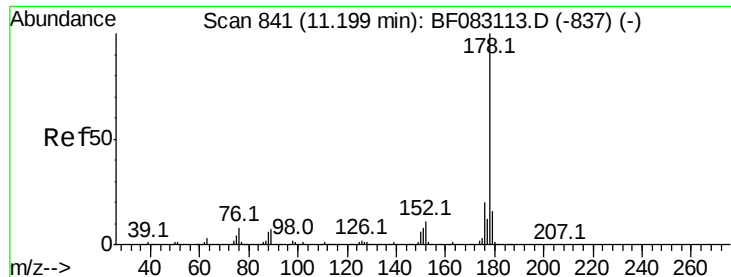


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

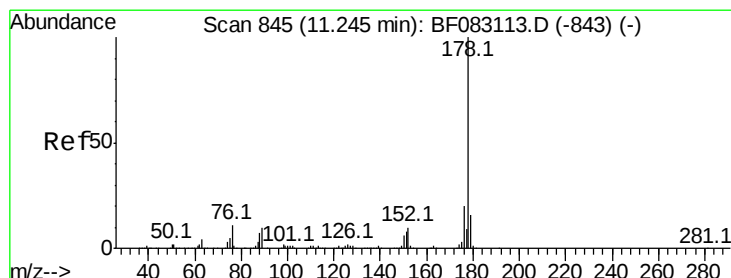
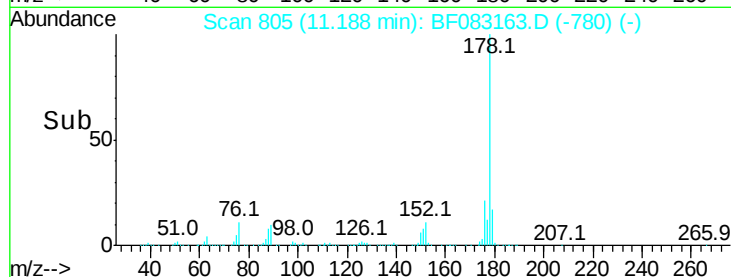
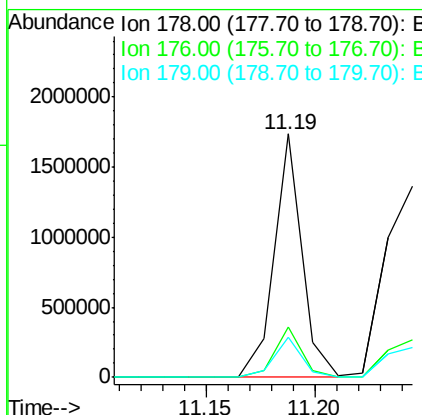
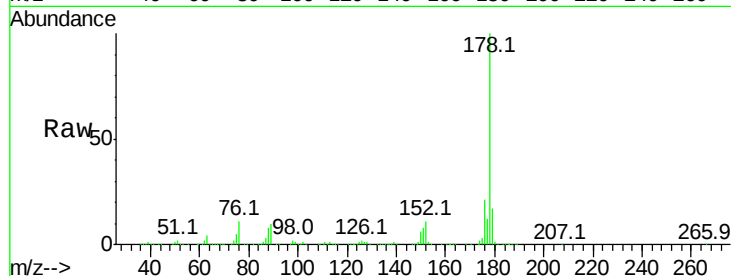




#70
Phenanthrene
Concen: 37.47 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

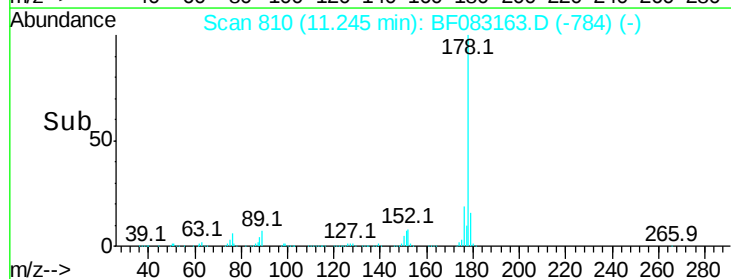
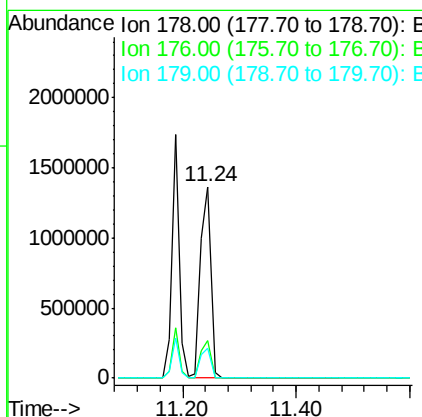
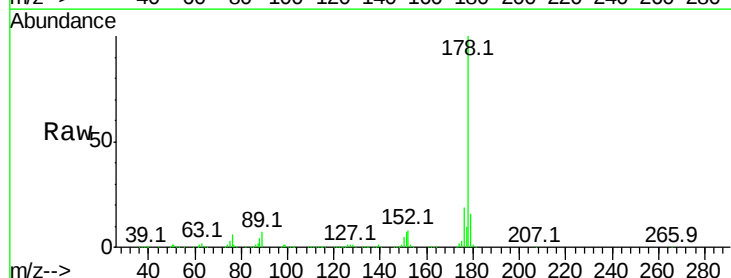
Instrument :
BNA_F
ClientSampleId :
SP3503DL

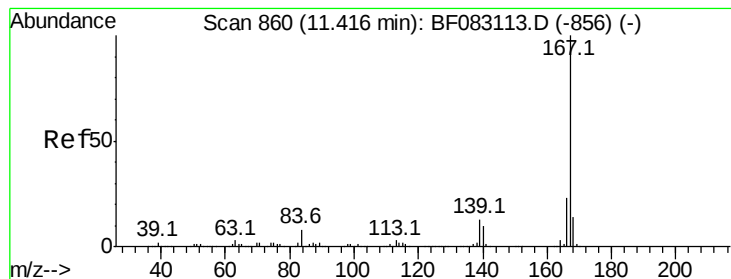
Tot Ion:178 Resp: 1560937
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.2
179 16.6 12.8 19.2



#71
Anthracene
Concen: 39.56 ng
RT: 11.24 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion:178 Resp: 1681298
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 13.2 19.8





#72

Carbazole

Concen: 39.86 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

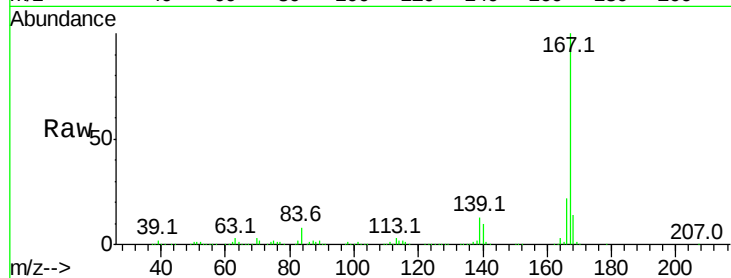
Tot Ion:167 Resp: 1506028

Ion Ratio Lower Upper

167 100

166 22.3 18.0 27.0

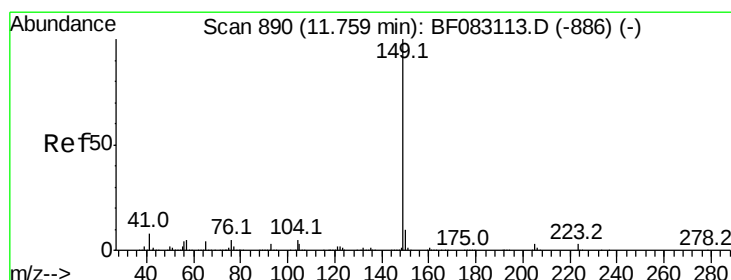
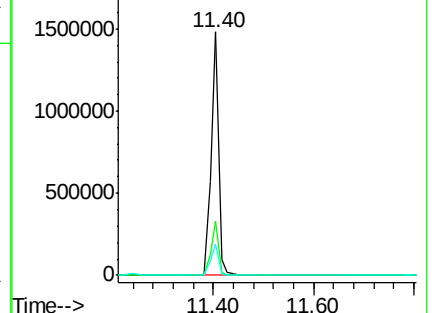
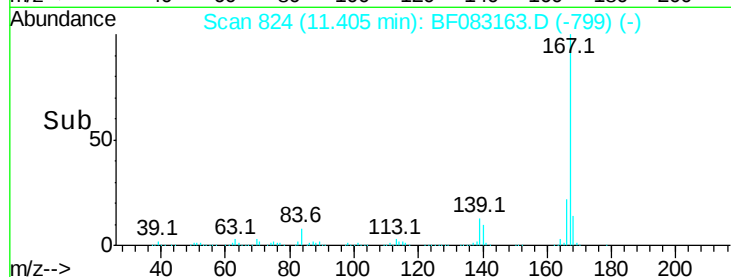
139 12.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.36 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

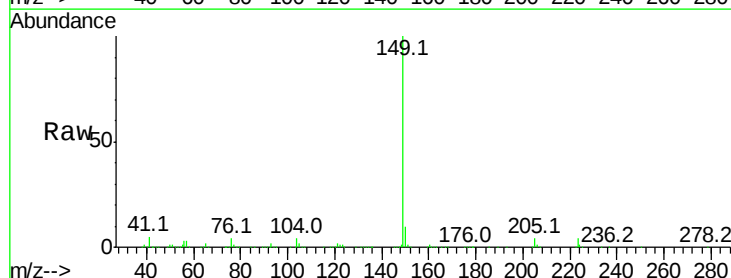
Tgt Ion:149 Resp: 1815223

Ion Ratio Lower Upper

149 100

150 9.5 8.0 12.0

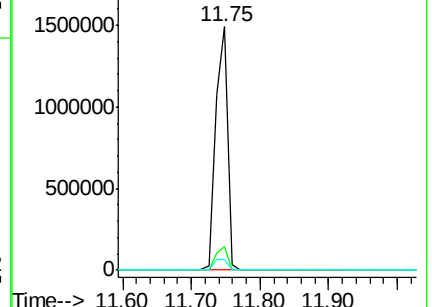
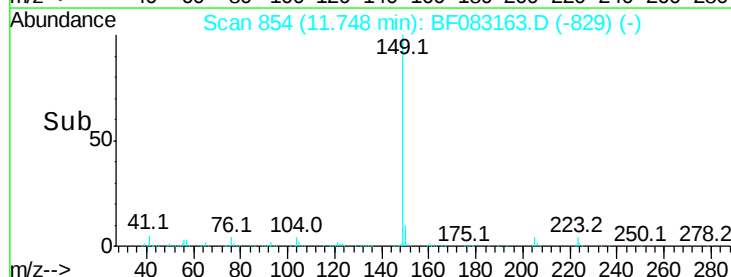
104 4.2 4.4 6.6#

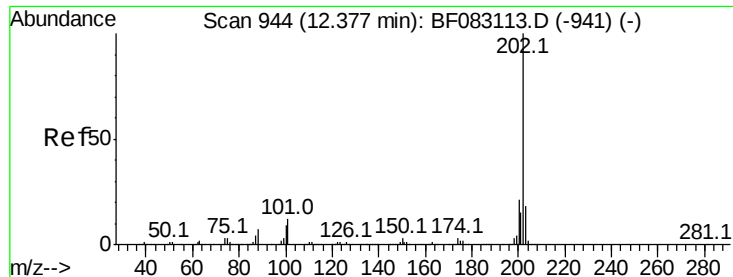


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

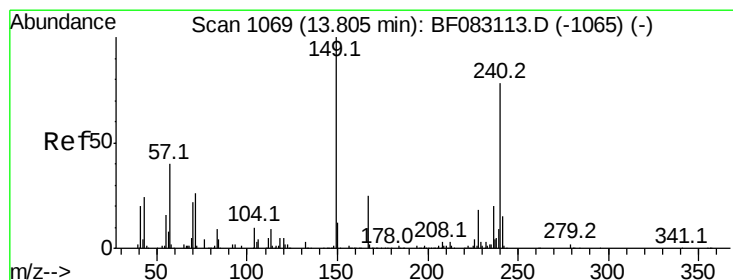
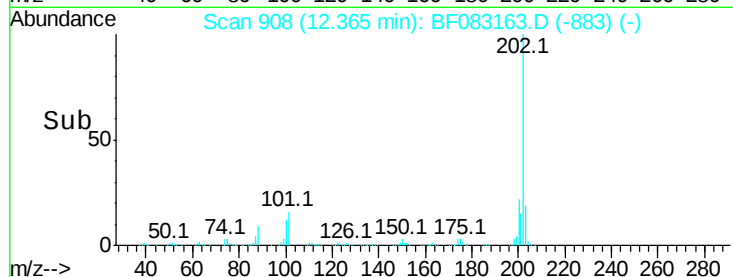
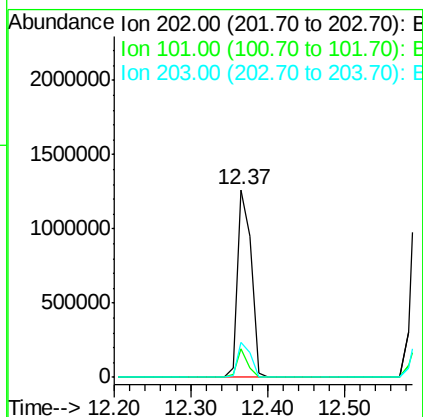
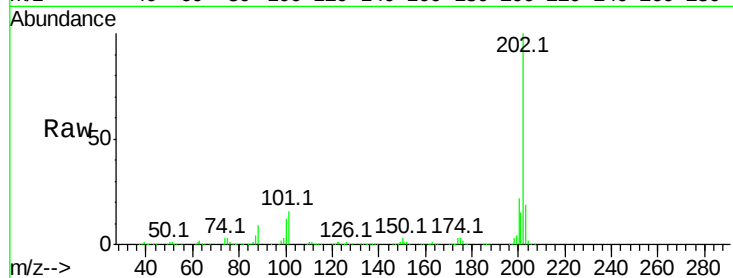




#74
Fluoranthene
Concen: 37.54 ng
RT: 12.37 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

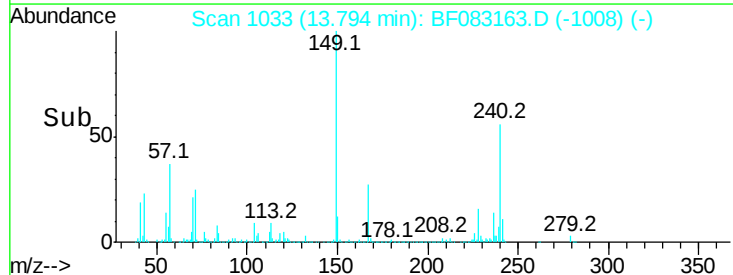
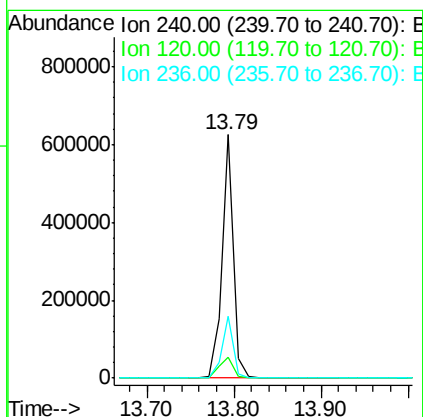
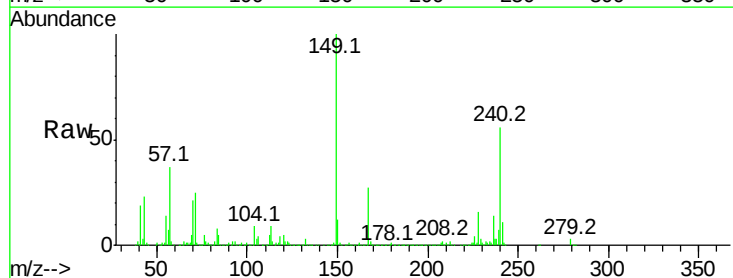
Instrument :
BNA_F
ClientSampleId :
SP3503DL

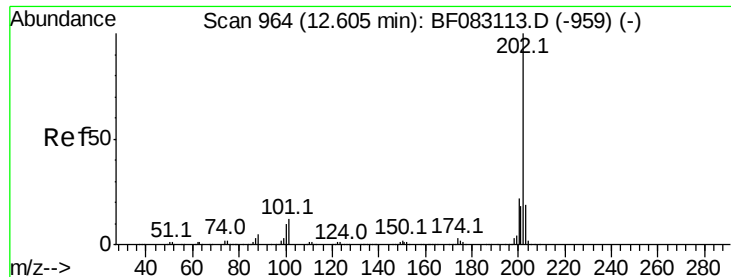
Tot Ion:202 Resp: 1600513
Ion Ratio Lower Upper
202 100
101 15.6 0.0 32.3
203 18.5 0.0 38.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion:240 Resp: 577367
Ion Ratio Lower Upper
240 100
120 8.7 5.4 8.2#
236 25.3 20.6 31.0





#77

Pvrene

Concen: 40.92 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

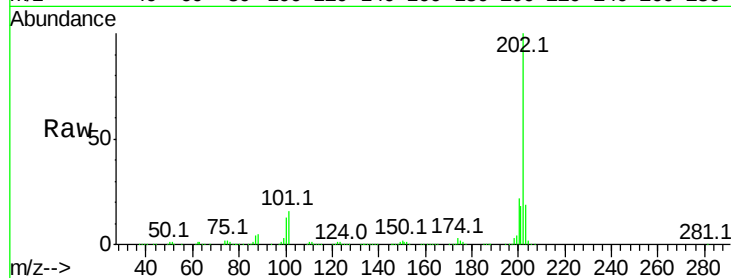
Tot Ion: 202 Resp: 1614148

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

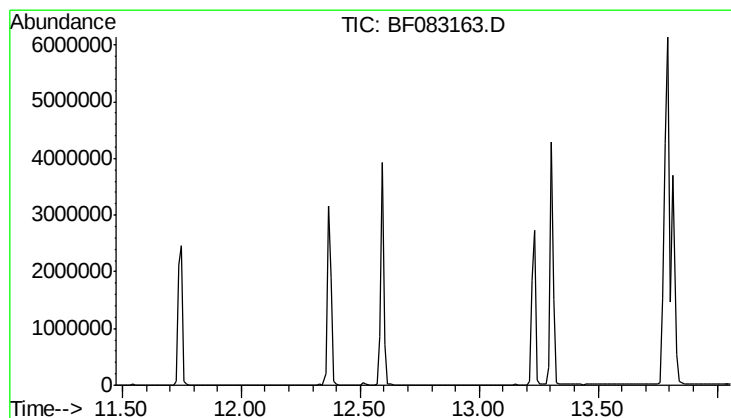
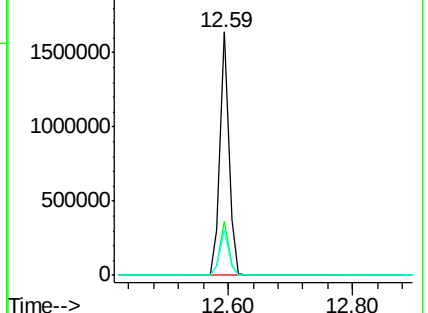
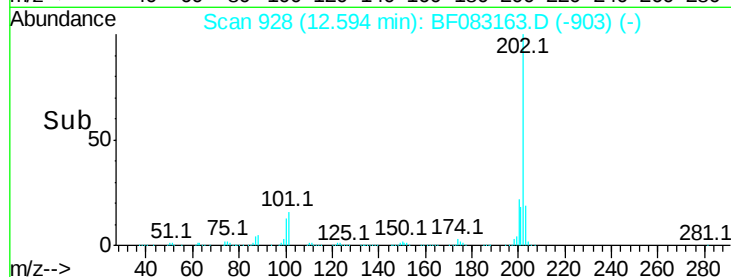
203 18.8 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 12.77 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

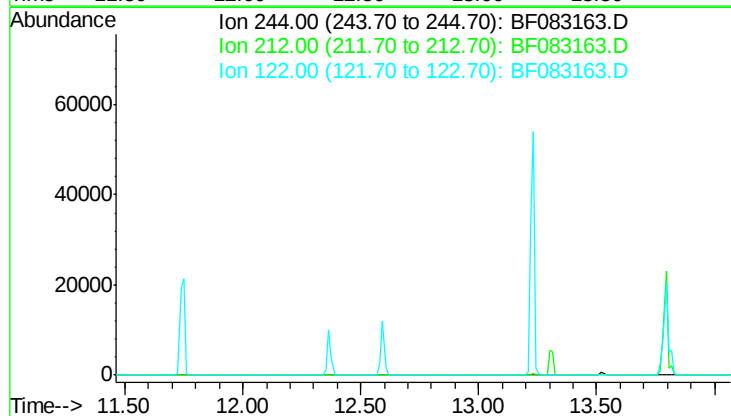
Tgt Ion: 244

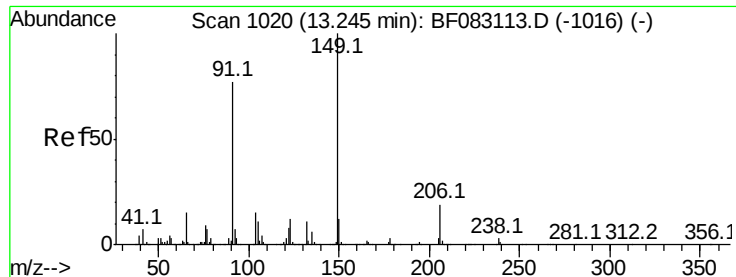
Sig Exp Ratio

244 100

212 6.8

122 5.4

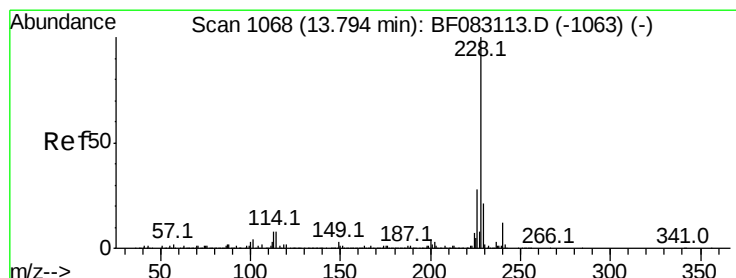
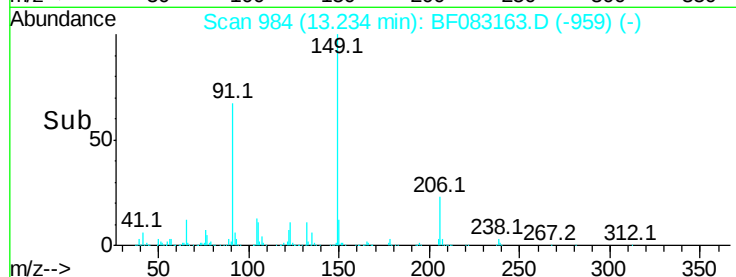
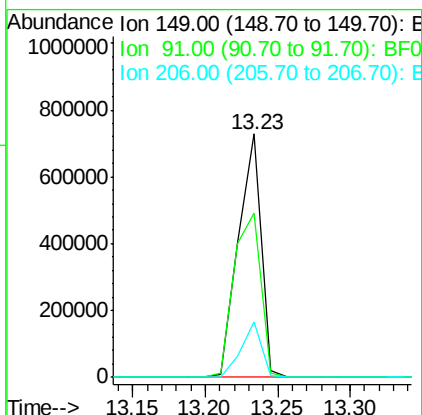
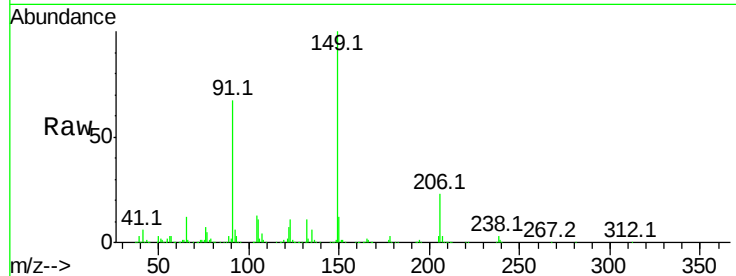




#79
Butylbenzylphthalate
Concen: 42.74 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

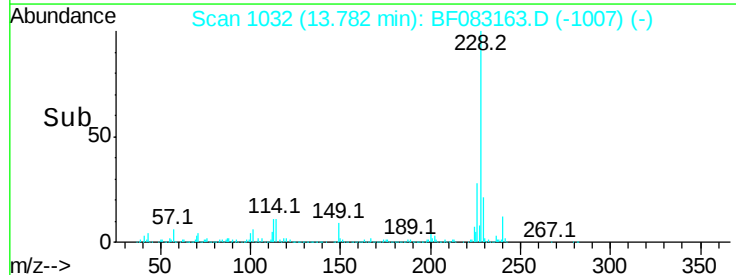
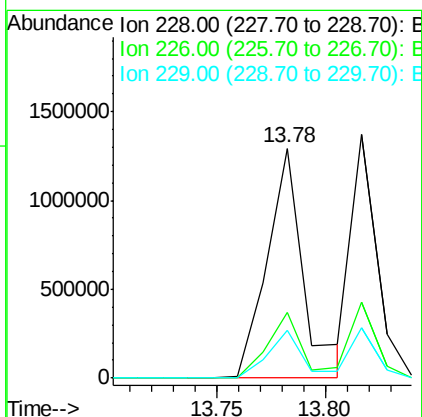
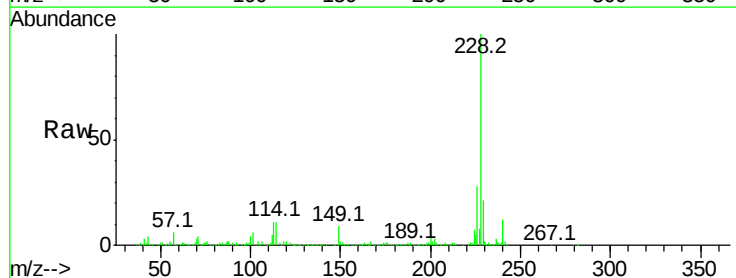
Instrument :
BNA_F
ClientSampleId :
SP3503DL

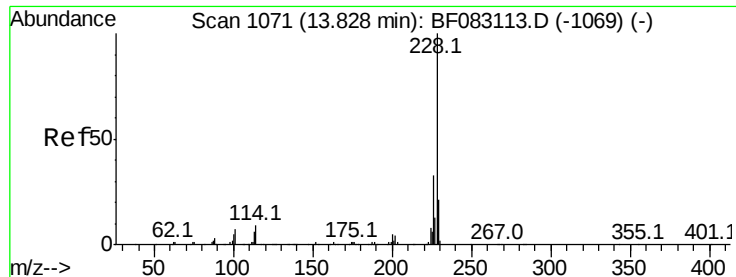
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	61.5	92.3
206	22.9	15.3	22.9



#80
Benzo(a)anthracene
Concen: 42.43 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.5	16.6	24.8





#82

Chrysene

Concen: 34.33 ng

RT: 13.82 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

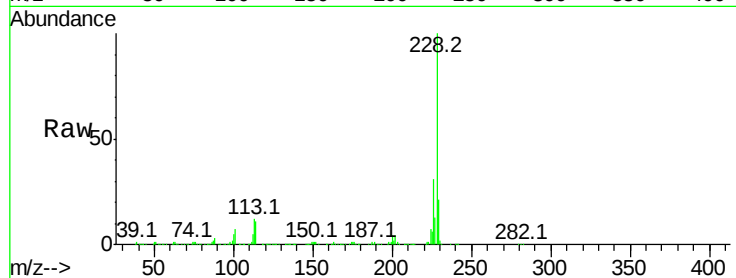
BNA_F

ClientSampled :

SP3503DL

Tot Ion:228 Resp: 1136769

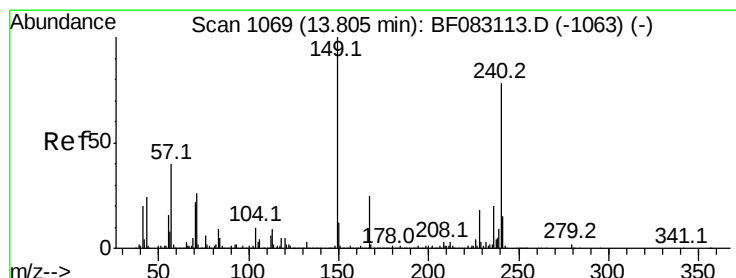
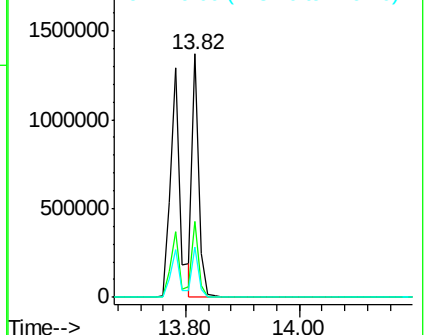
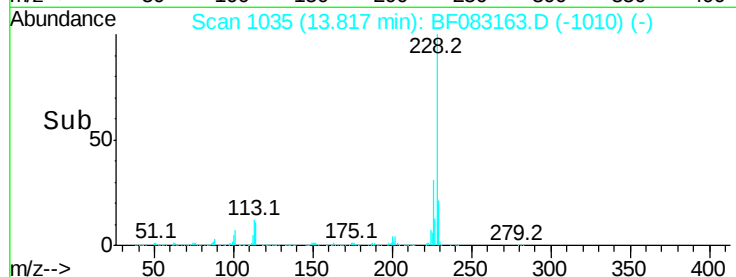
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.9	16.6	25.0



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: 42.22 ng

RT: 13.79 min Scan# 1033

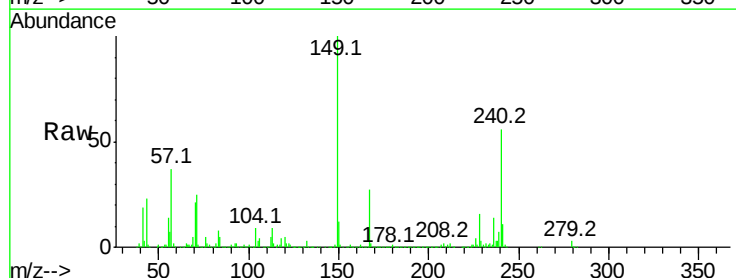
Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Tgt Ion:149 Resp: 1029488

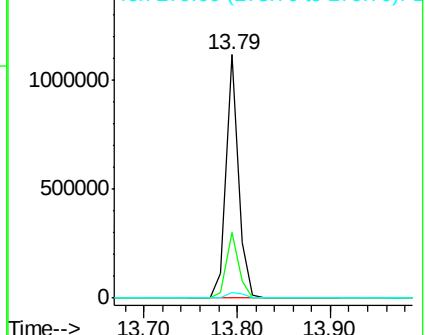
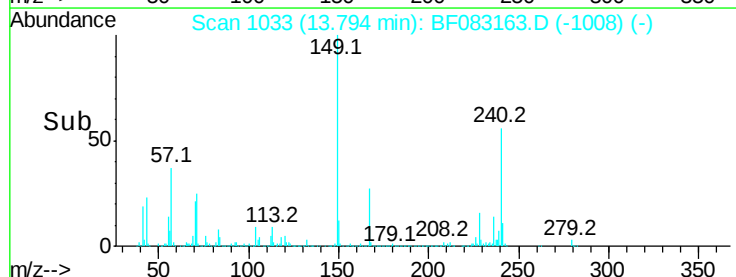
Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.1	30.1
279	2.5	1.7	2.5#

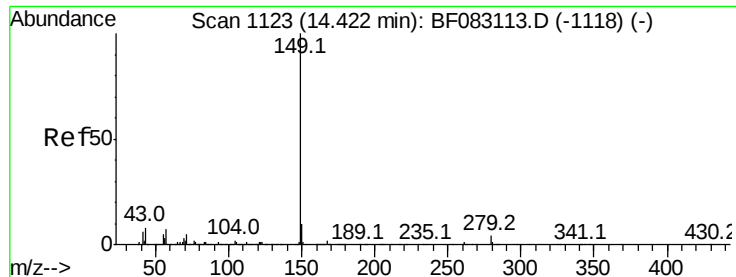


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.64 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

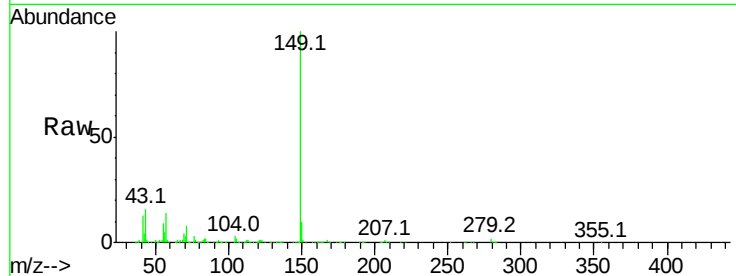
Tot Ion:149 Resp: 1747647

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

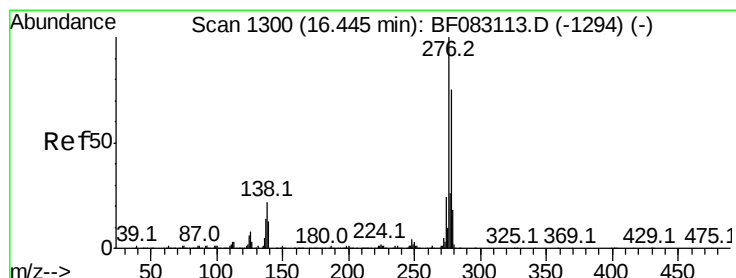
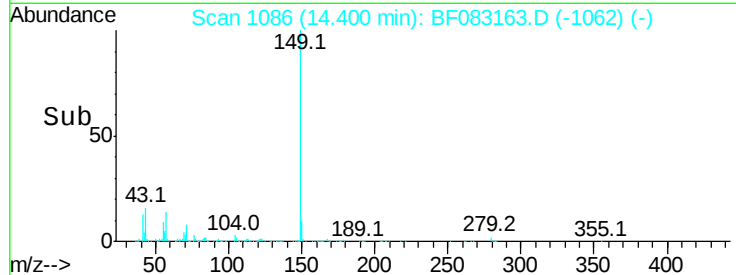
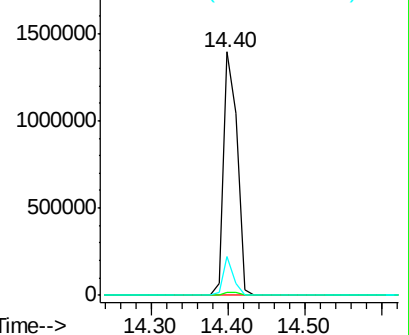
43 12.5 9.5 14.3



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: 37.68 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

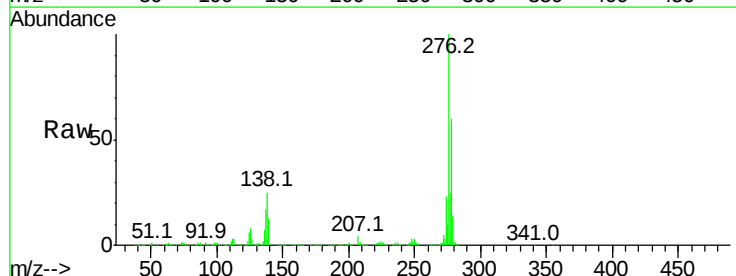
Tgt Ion:276 Resp: 1135034

Ion Ratio Lower Upper

276 100

138 25.7 18.0 27.0

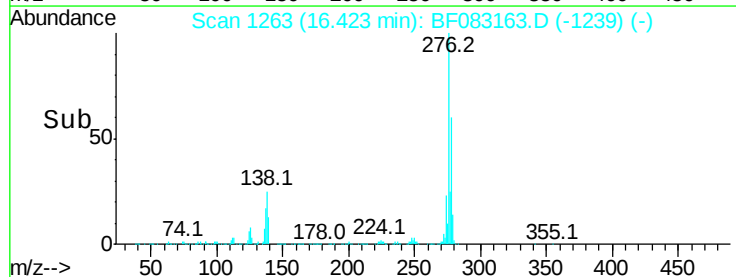
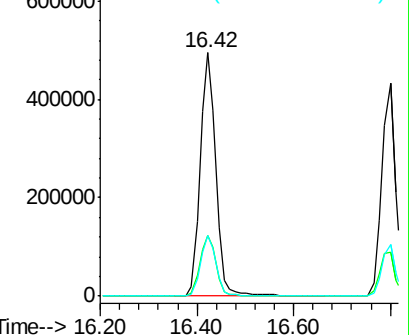
277 24.7 20.2 30.4

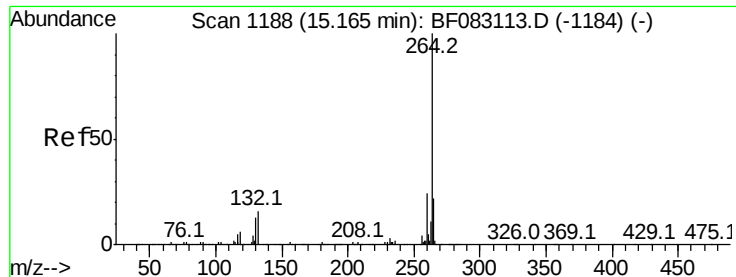


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

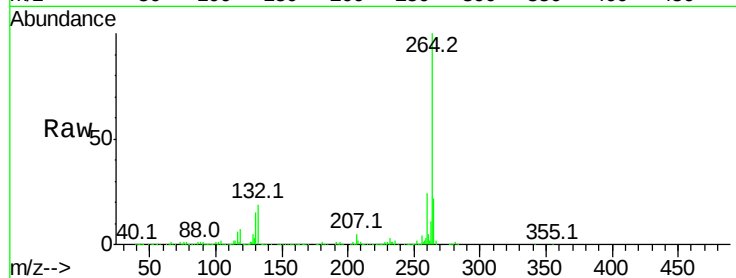
BNA_F

ClientSampled :

SP3503DL

Tot Ion:264 Resp: 479050

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.9	18.2	27.4

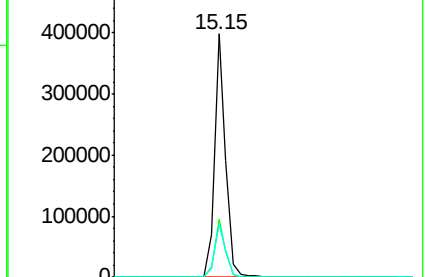
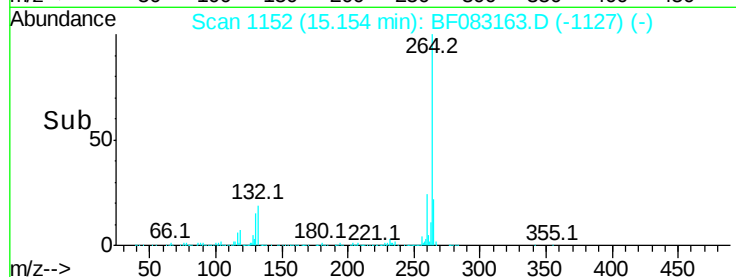


Abundance

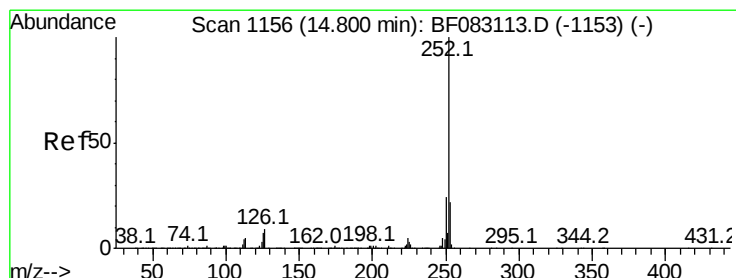
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 15.00 15.20 15.40



#87

Benzo(b)fluoranthene

Concen: 69.67 ng

RT: 14.81 min Scan# 1122

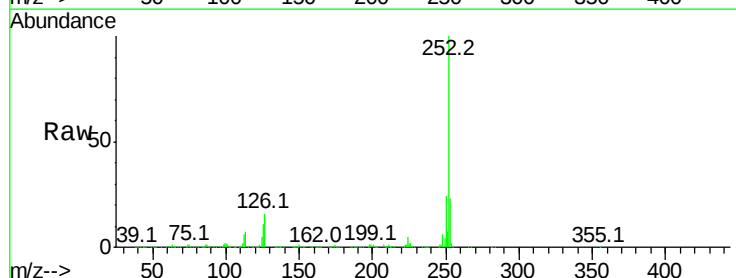
Delta R.T. 0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Tgt Ion:252 Resp: 2280321

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.8	5.6	8.4

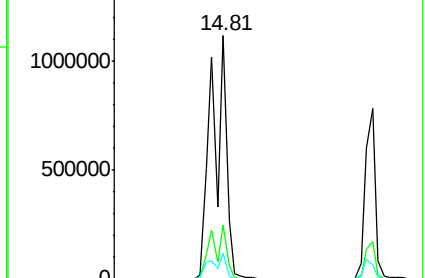
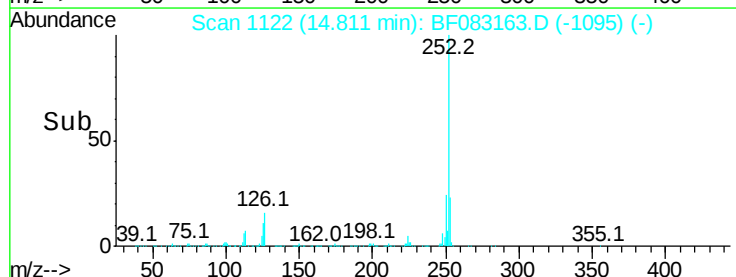


Abundance

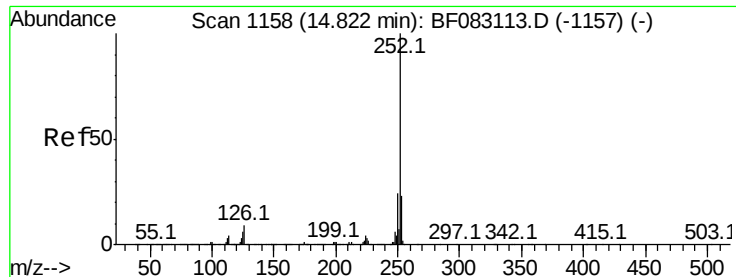
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 14.60 14.80 15.00



#88

Benzo(k)fluoranthene

Concen: 40.25 ng m

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

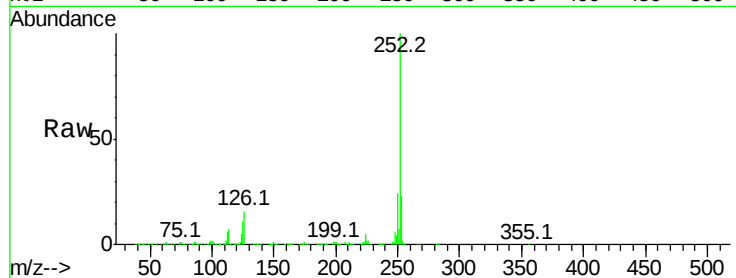
Tot Ion:252 Resp: 981595

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

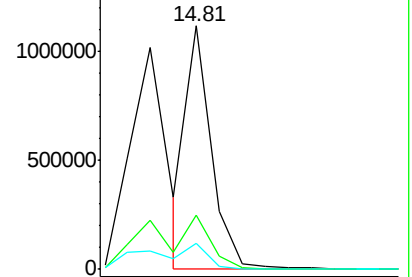
125 10.8 6.8 10.2#



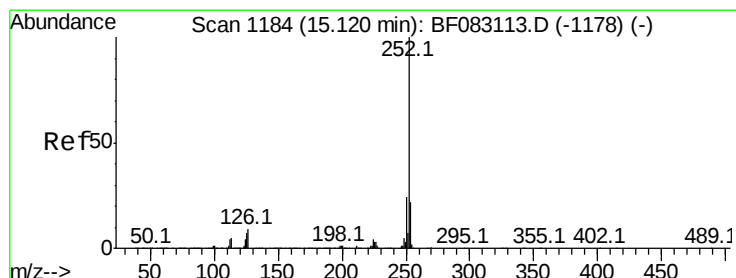
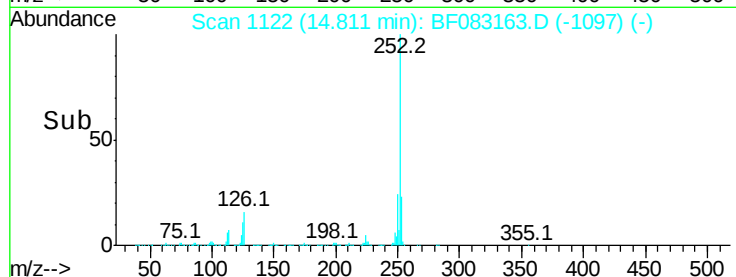
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(a)pyrene

Concen: 40.01 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

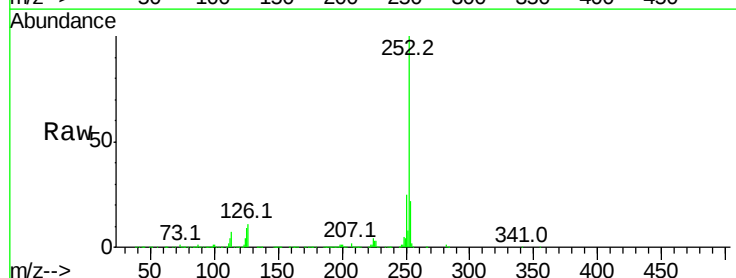
Tgt Ion:252 Resp: 1081282

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

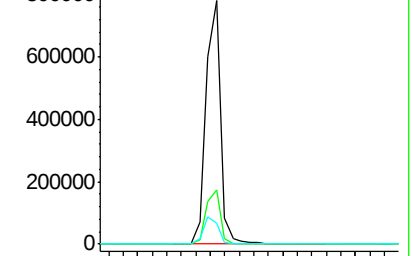
125 8.5 5.4 8.0#



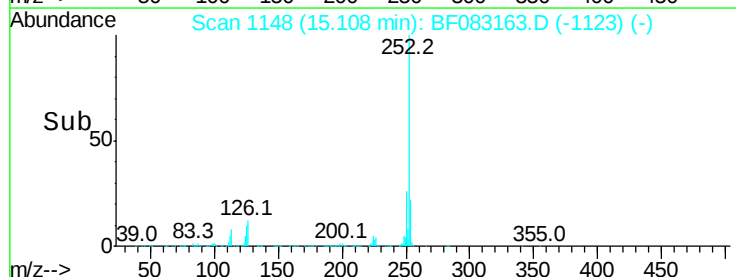
Abundance Ion 252.00 (251.70 to 252.70): E

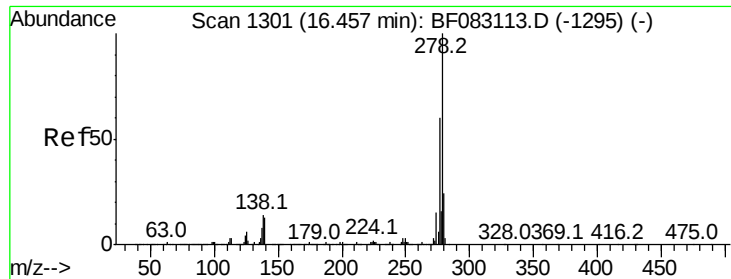
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#90

Dibenzo(a,h)anthracene

Concen: 39.13 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

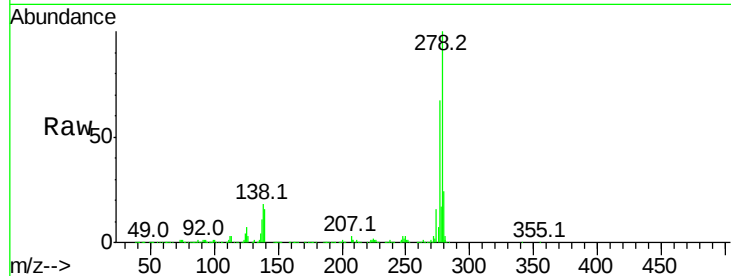
Tot Ion:278 Resp: 960456

Ion Ratio Lower Upper

278 100

139 16.2 10.7 16.1#

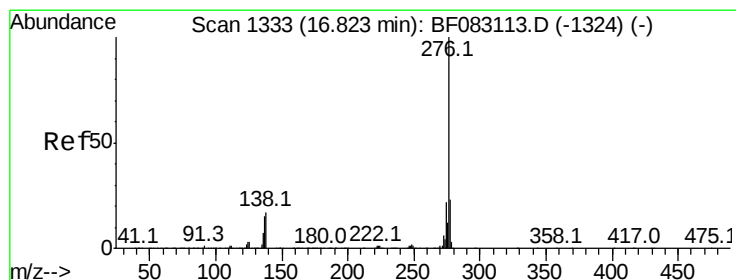
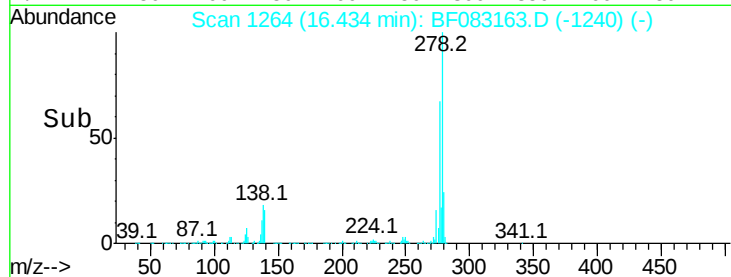
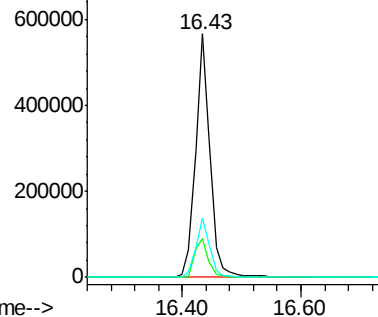
279 24.3 19.3 28.9



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: 38.18 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

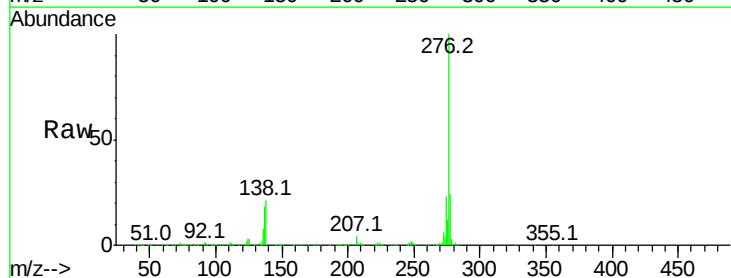
Tgt Ion:276 Resp: 914870

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 20.8 13.9 20.9



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

