

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 03:39:08 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	6.44	99	28830	1.72	ng	0.10
23) Nitrobenzene-d5	7.16	82	49840	2.93	ng	-0.07
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.98	172	767	0.03	ng	-0.05
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
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	6.82	146	582192	36.41	ng	95
13) 1,4-Dichlorobenzene	6.59	146	610438	37.74	ng	93
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
32) Benzoic acid	7.62	122	519273	52.14	ng	# 12
33) 4-Chloroaniline	8.02	127	677407	41.60	ng	97
34) Hexachlorobutadiene	8.09	225	294587	37.24	ng	98
35) Caprolactam	8.51	113	14660	3.75	ng	# 4
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

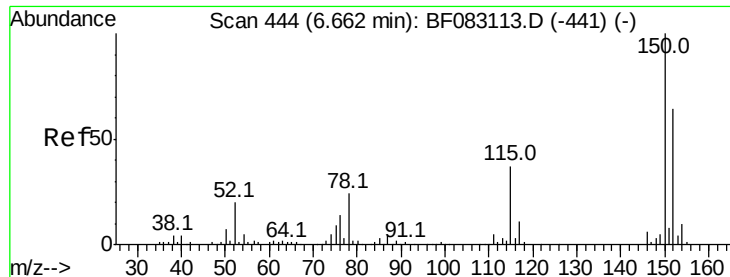
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083163.D
 Acq On : 22 Nov 2015 17:15
 Operator : UM/IZ
 Sample : SP3503DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
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 SP3503DL

Quant Time: Nov 23 03:39:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.44	163	1166464	38.31	nq	98
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
56) 2,4-Dinitrotoluene	9.88	165	314244	36.30	nq	97
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
68) Atrazine	10.98	200	36330	5.09	nq	# 37
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	2280789	93.52	nq	# 98
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

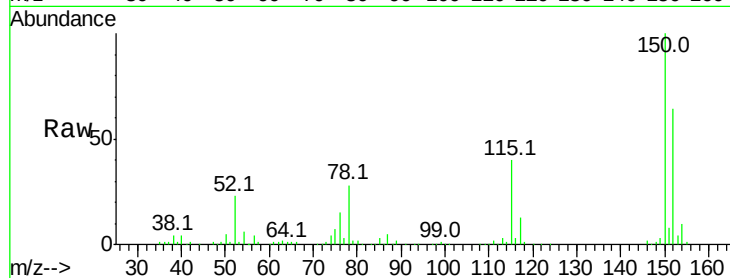
Tot Ion:152 Resp: 195951

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.8

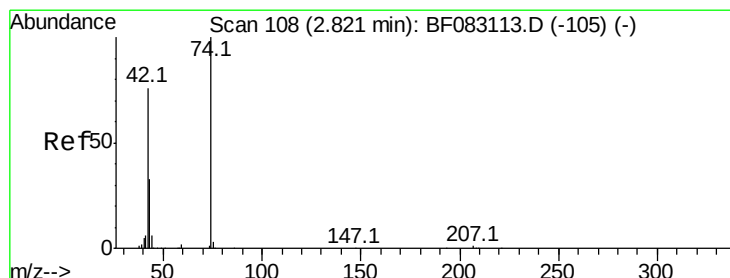
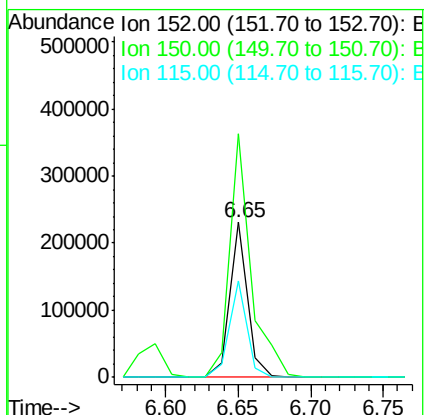
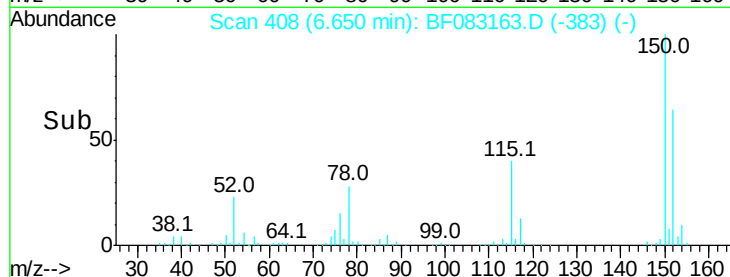
115 62.6 46.9 70.3



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



#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

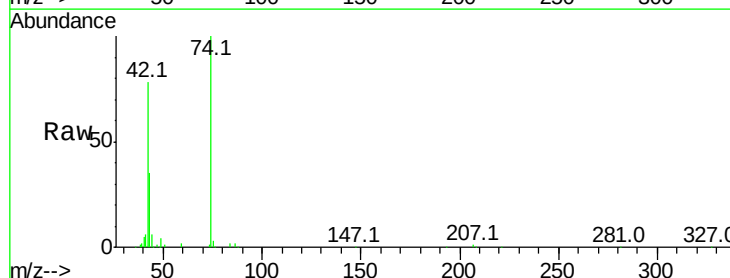
Tgt Ion: 42 Resp: 320652

Ion Ratio Lower Upper

42 100

74 129.0 104.8 157.2

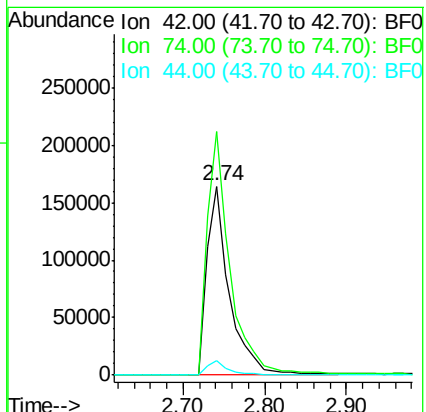
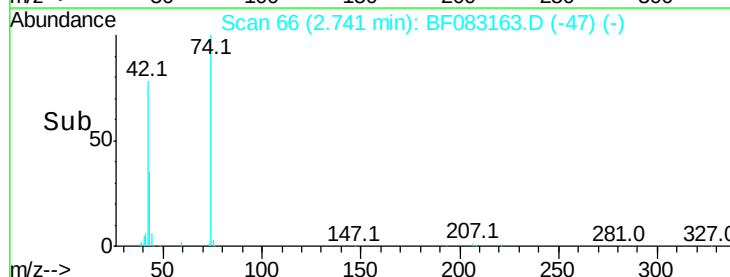
44 7.6 6.2 9.4

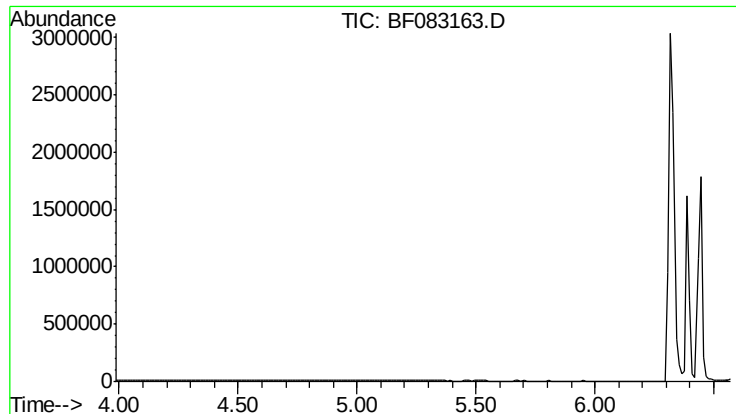


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

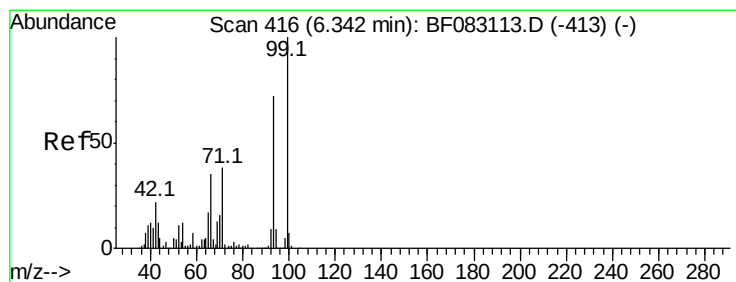
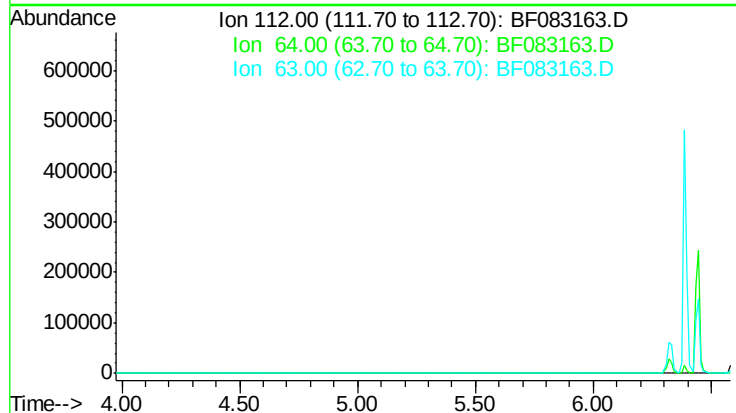




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.28 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

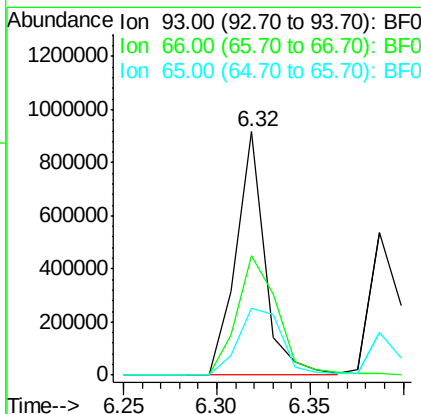
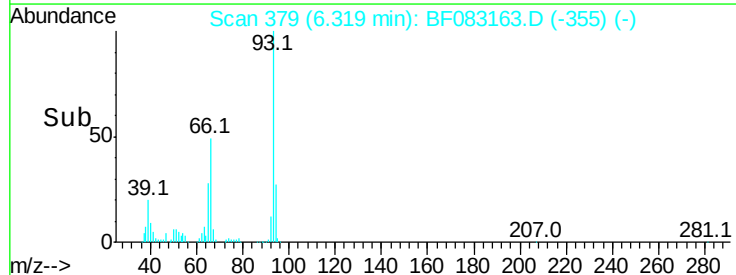
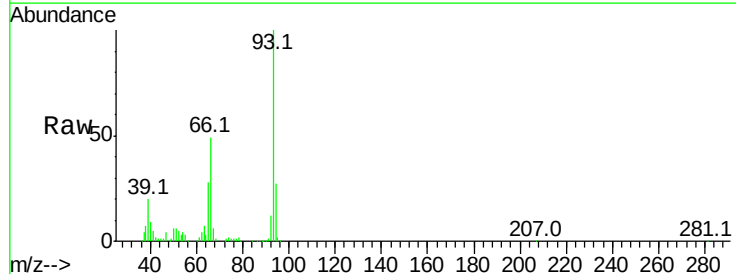
Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

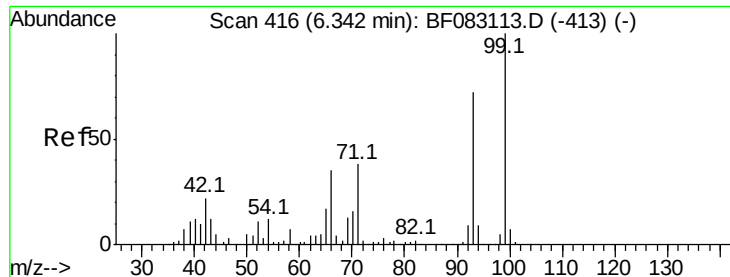
Tot Ion	112
Exp Ratio	100
64	73.0
63	37.5



#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

Tgt 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: 1.72 ng

RT: 6.44 min Scan# 390

Delta R.T. 0.10 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

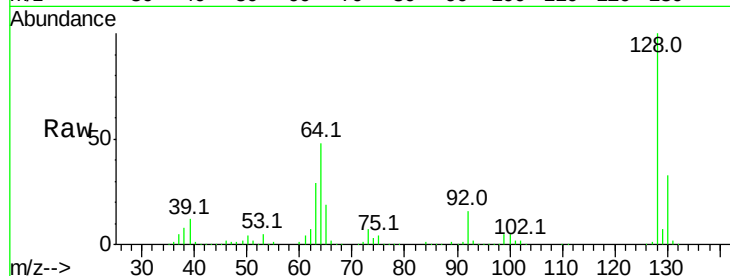
Tot Ion: 99 Resp: 28830

Ion Ratio Lower Upper

99 100

42 8.6 17.7 26.5#

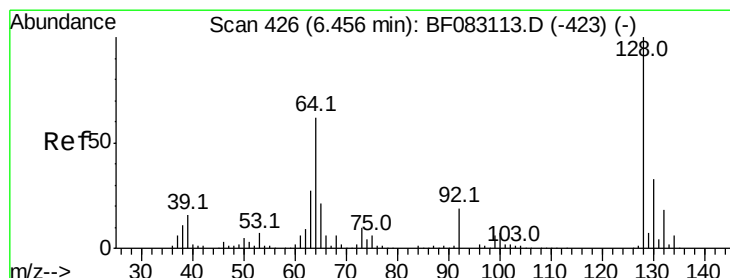
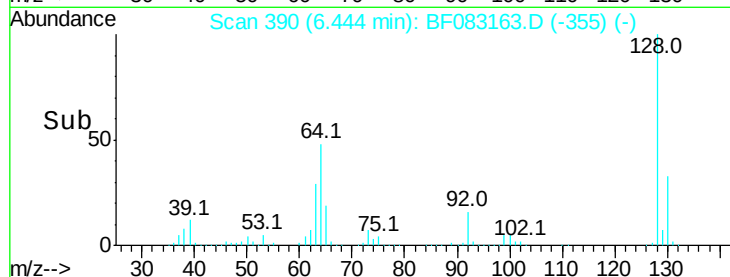
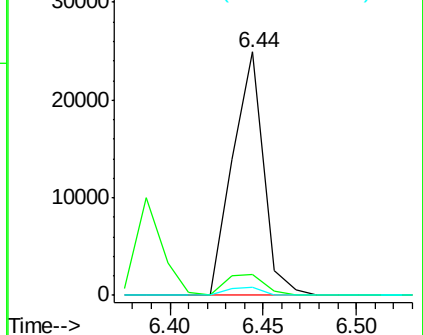
71 3.6 30.2 45.4#



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: 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

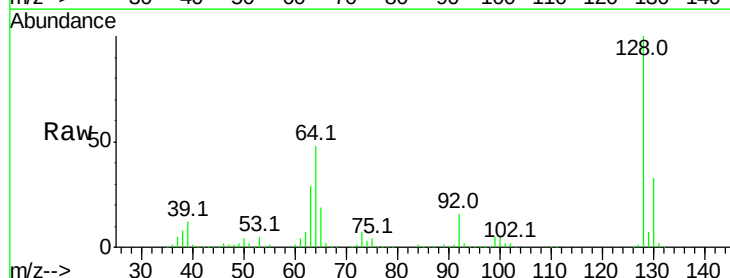
Tgt Ion: 128 Resp: 560785

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

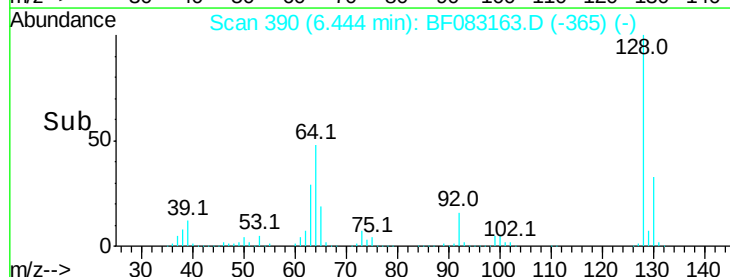
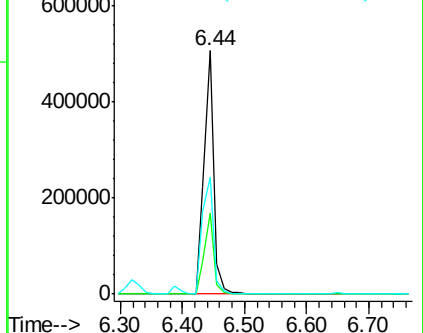
64 48.0 41.9 81.9

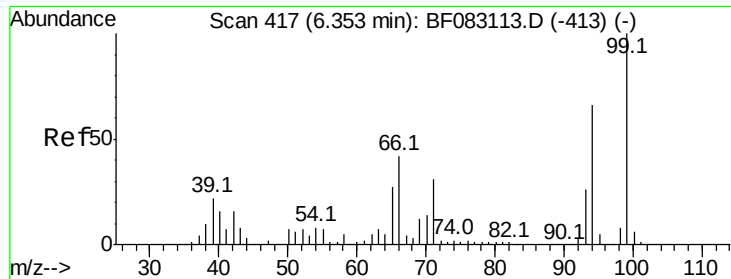


Abundance Ion 128.00 (127.70 to 128.70): E

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

Instrument :

BNA_F

ClientSampled :

SP3503DL

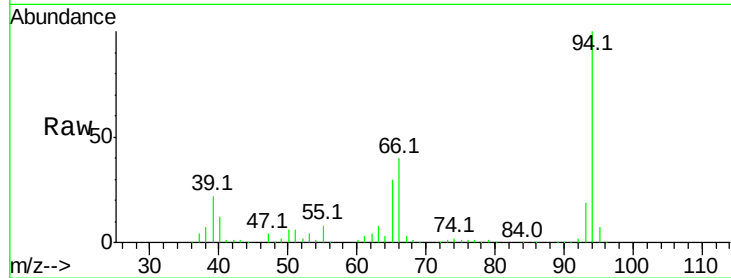
Tot Ion: 94 Resp: 812555

Ion Ratio Lower Upper

94 100

65 30.1 21.1 61.1

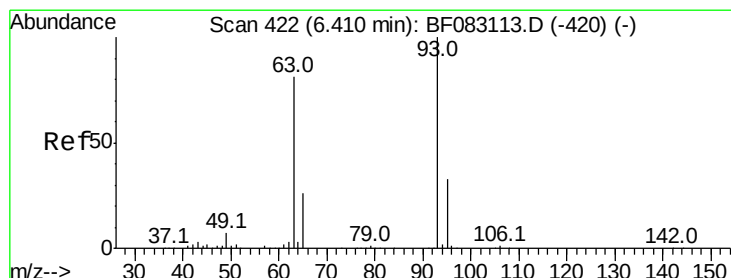
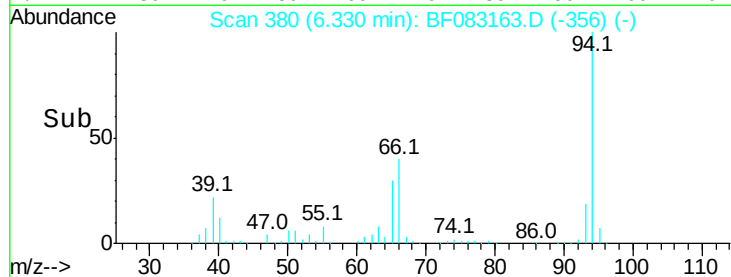
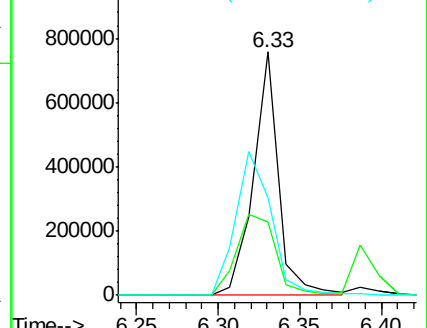
66 40.3 43.1 83.1#



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

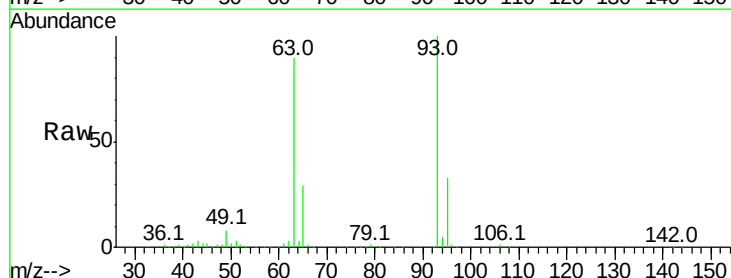
Tgt Ion: 93 Resp: 603397

Ion Ratio Lower Upper

93 100

63 89.7 59.8 99.8

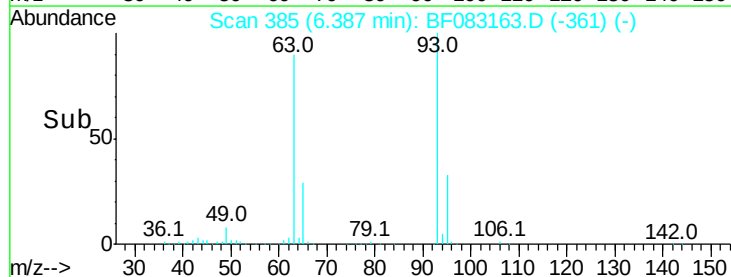
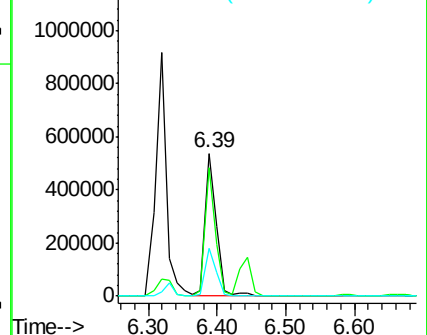
95 33.4 13.0 53.0

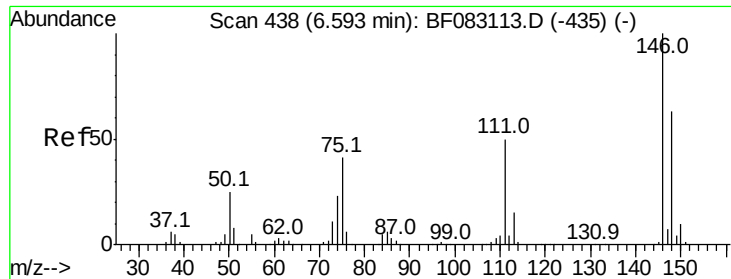


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

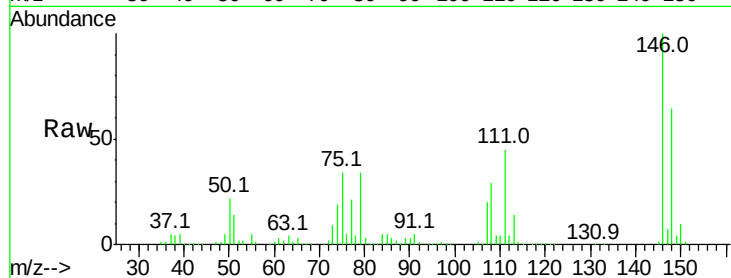




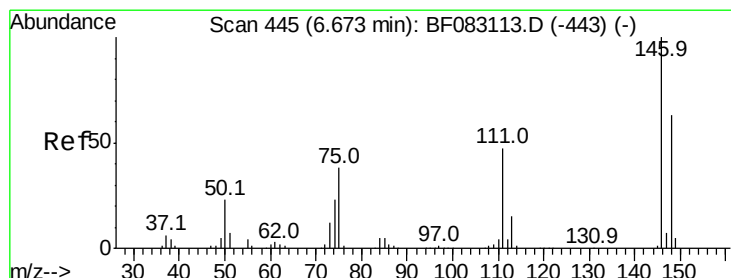
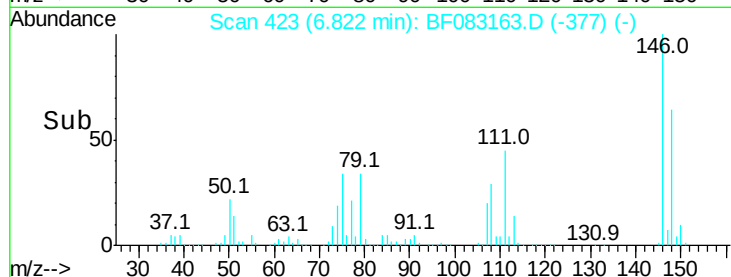
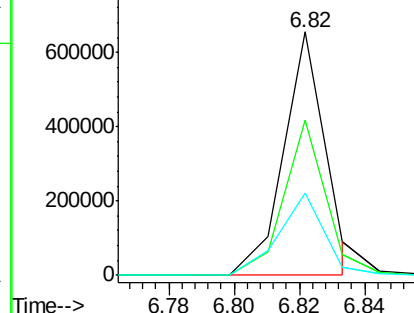
#12
 1,3-Dichlorobenzene
 Concen: 36.41 ng
 RT: 6.82 min Scan# 423
 Delta R.T. 0.23 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

Tot Ion:146 Resp: 582192
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.2
 75 34.0 32.7 49.1

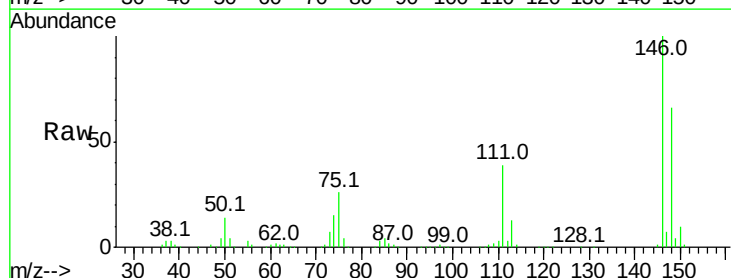


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): E

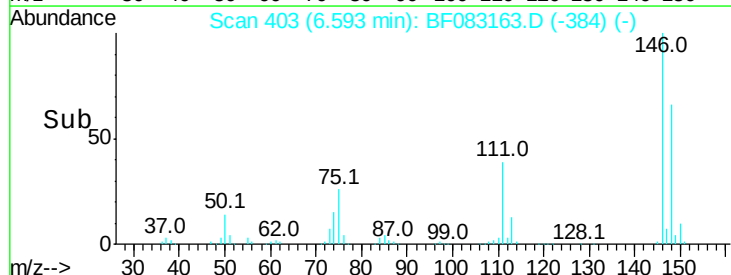
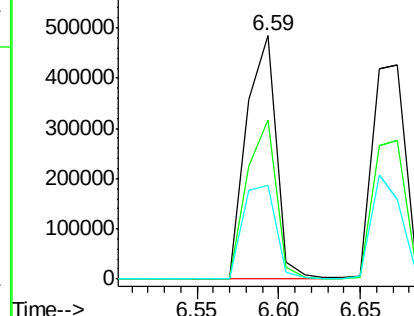


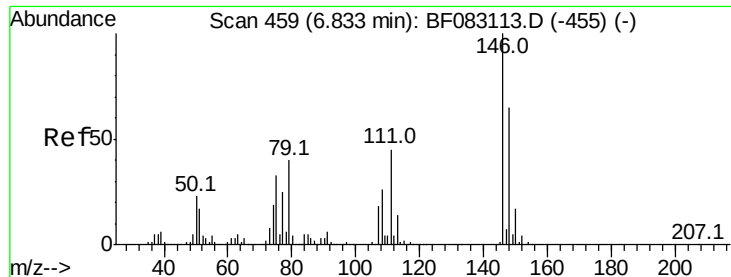
#13
 1,4-Dichlorobenzene
 Concen: 37.74 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.08 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion:146 Resp: 610438
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.2 75.2
 111 38.6 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

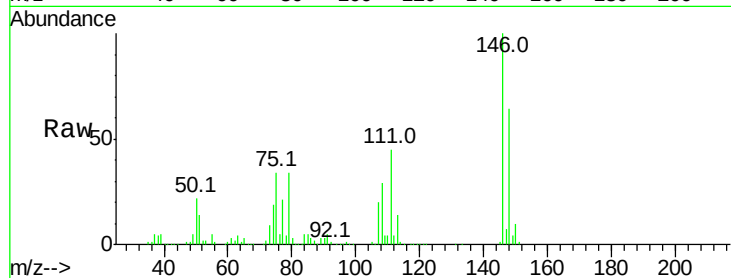




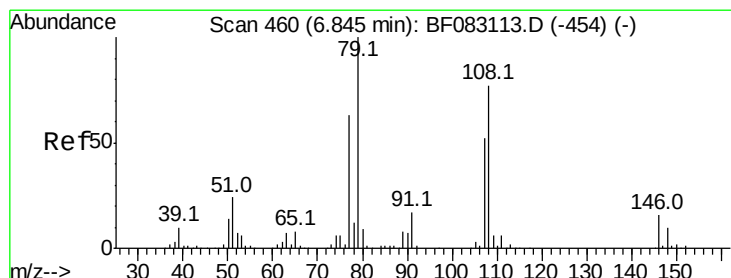
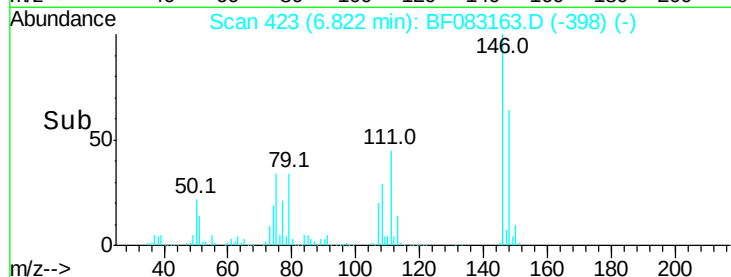
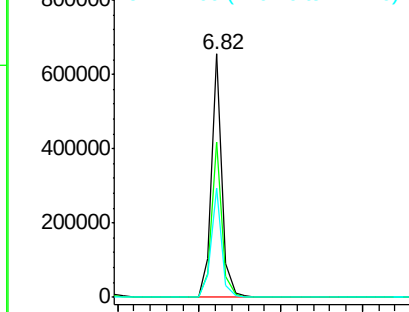
#14
1,2-Dichlorobenzene
Concen: 40.51 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampled :
SP3503DL

Tot Ion:146 Resp: 595447
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 44.7 36.2 54.4

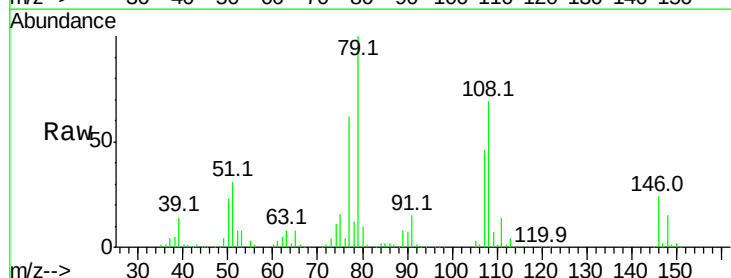


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

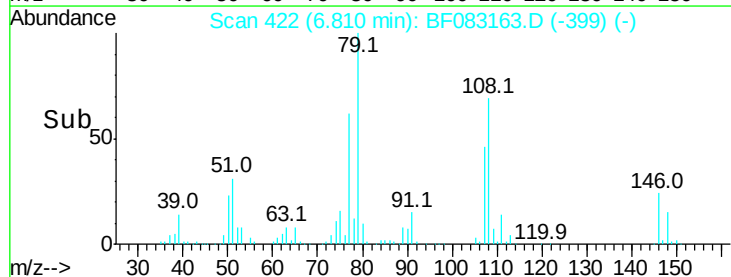
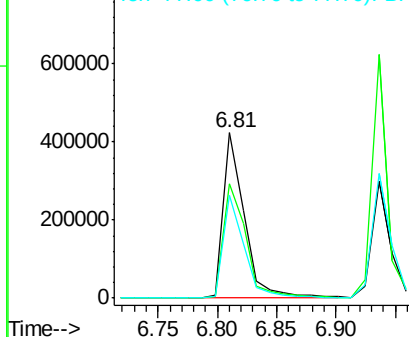


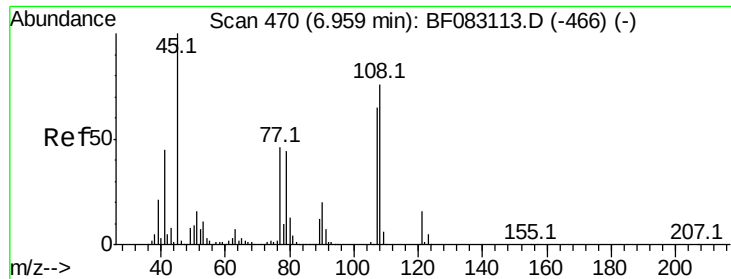
#15
Benzyl Alcohol
Concen: 36.91 ng
RT: 6.81 min Scan# 422
Delta R.T. -0.03 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt 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): E
Ion 77.00 (76.70 to 77.70): BF0

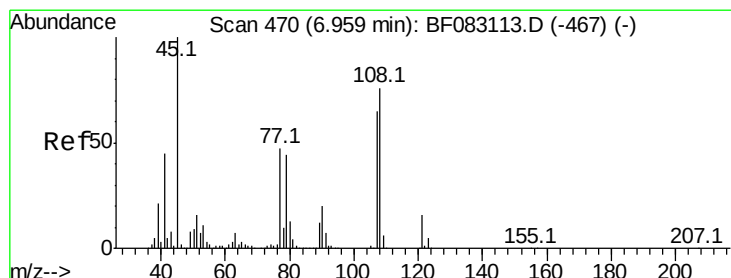
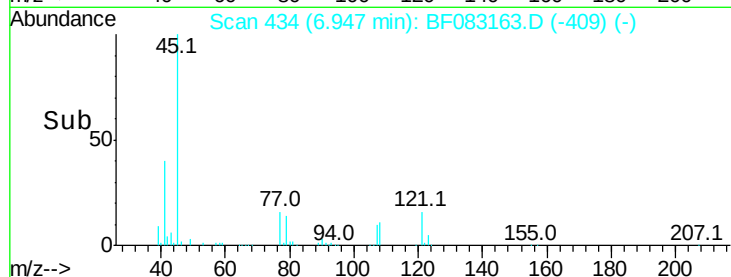
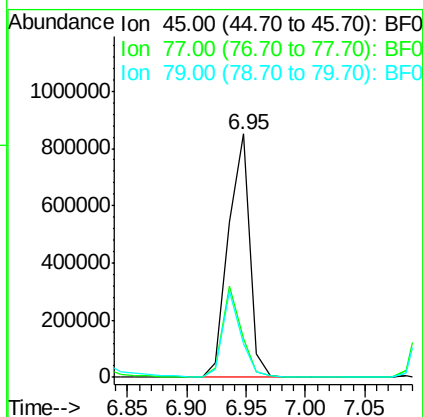
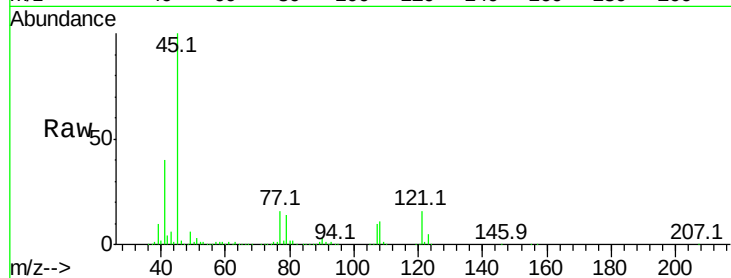




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 46.73 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

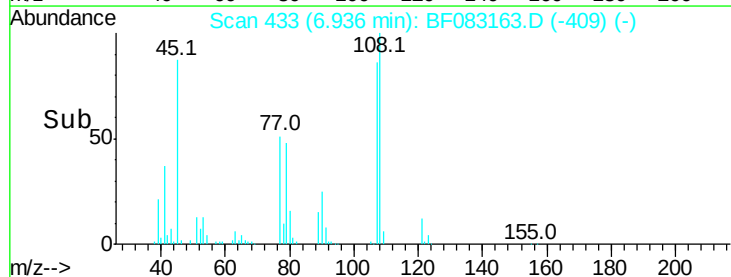
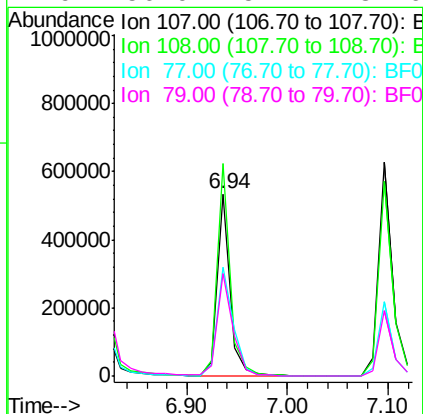
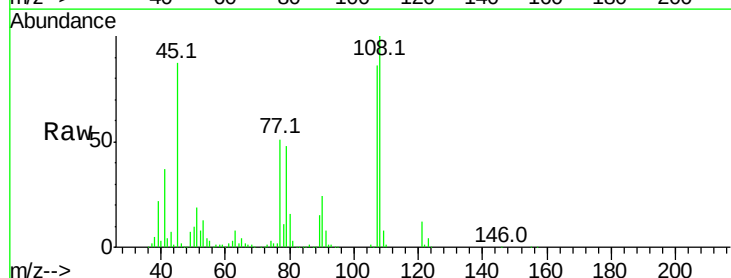
Instrument :
BNA_F
ClientSampled :
SP3503DL

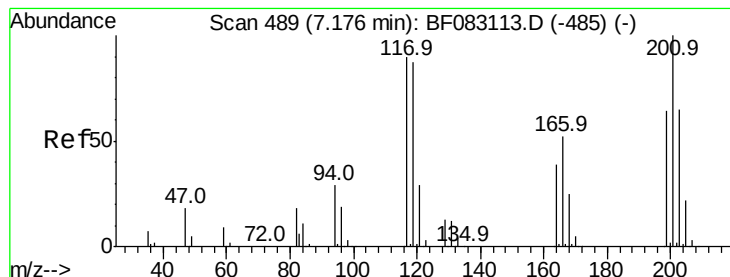
Tot Ion: 45 Resp: 1055605
Ion Ratio Lower Upper
45 100
77 16.1 26.7 66.7#
79 13.6 24.3 64.3#



#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

Tgt 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





#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

Instrument :

BNA_F

ClientSampleID :

SP3503DL

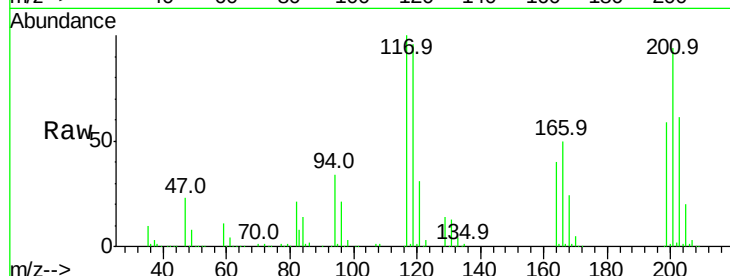
Tot Ion:117 Resp: 227285

Ion Ratio Lower Upper

117 100

119 96.4 76.8 115.2

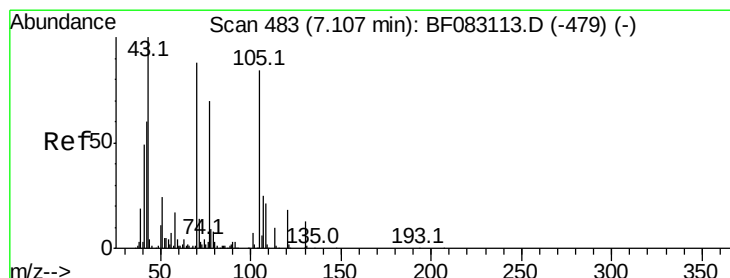
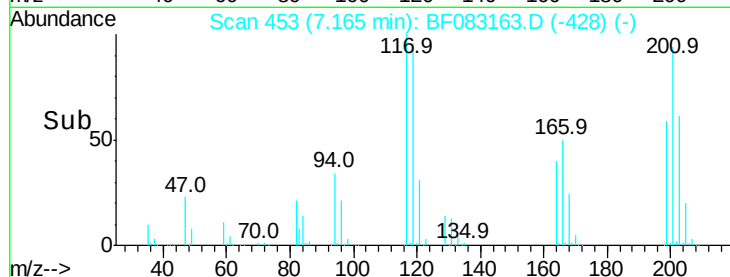
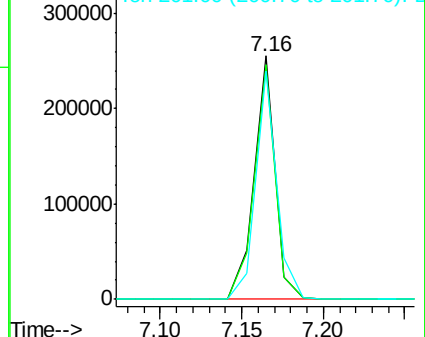
201 93.5 88.6 133.0



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

Tgt Ion: 70 Resp: 506861

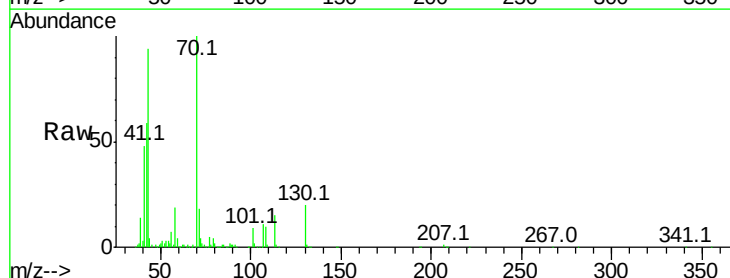
Ion Ratio Lower Upper

70 100

42 58.9 54.5 81.7

101 9.1 6.6 9.8

130 20.4 11.5 17.3#

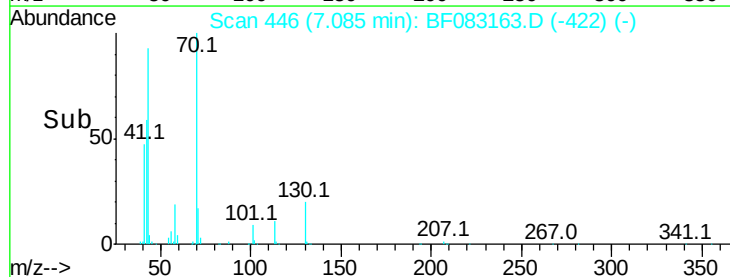
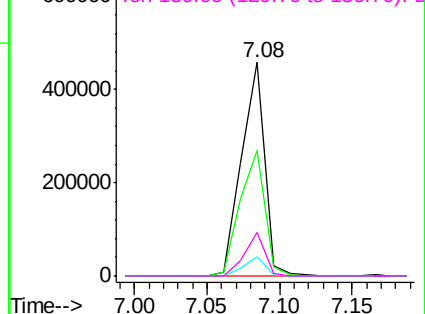


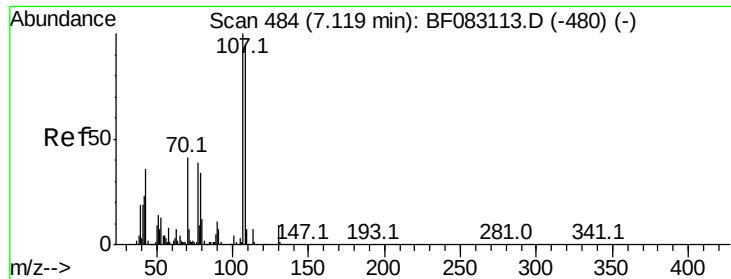
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

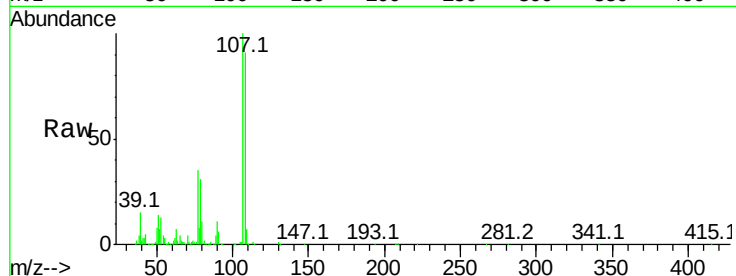




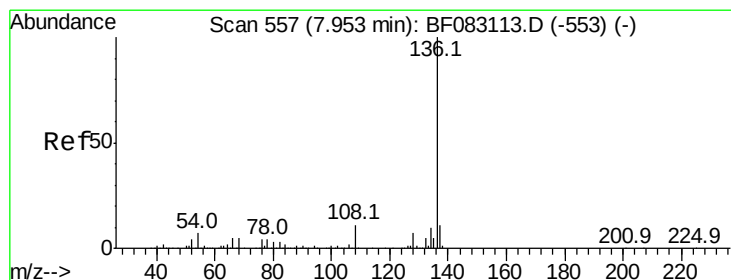
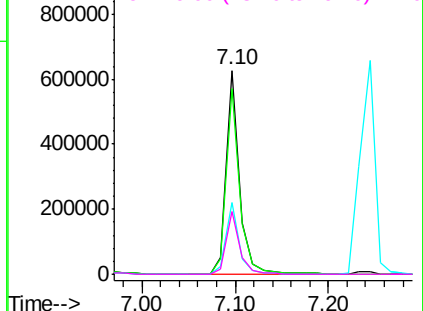
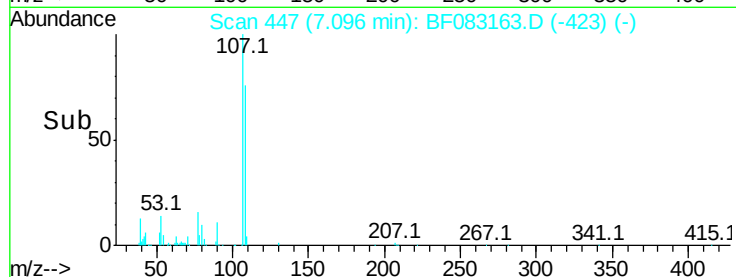
#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SP3503DL

Tot 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	

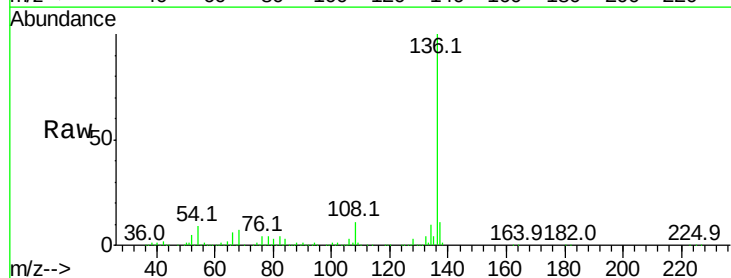


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

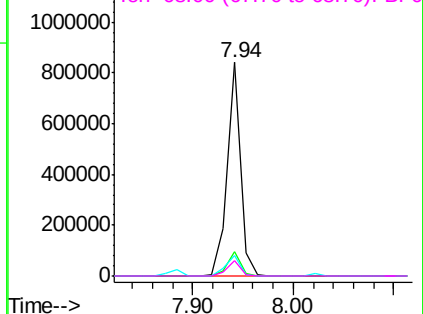
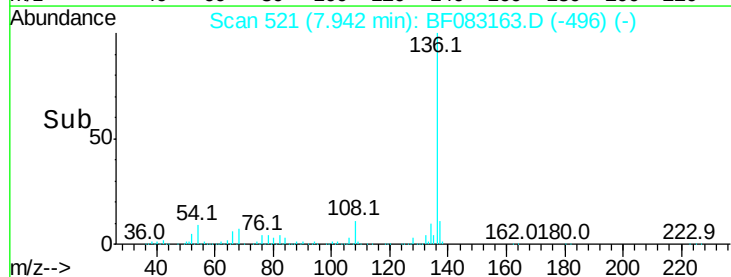


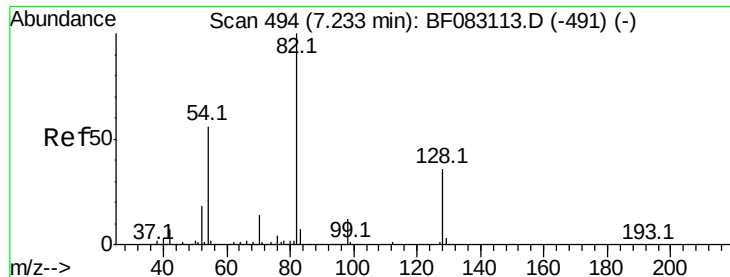
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt 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

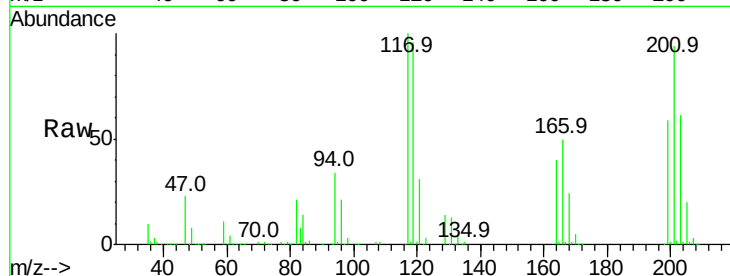




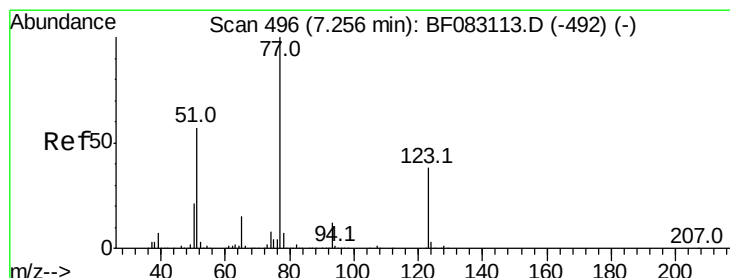
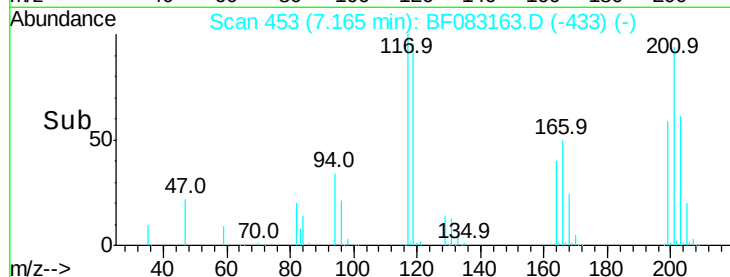
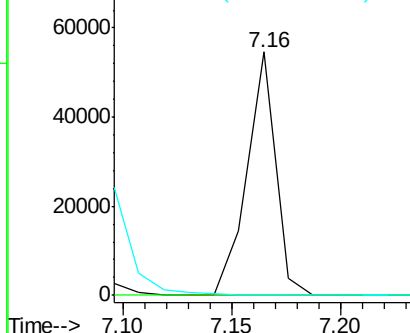
#23
 Nitrobenzene-d5
 Concen: 2.93 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

Tot Ion: 82 Resp: 49840
 Ion Ratio Lower Upper
 82 100
 128 0.0 28.5 42.7#
 54 0.0 44.6 67.0#

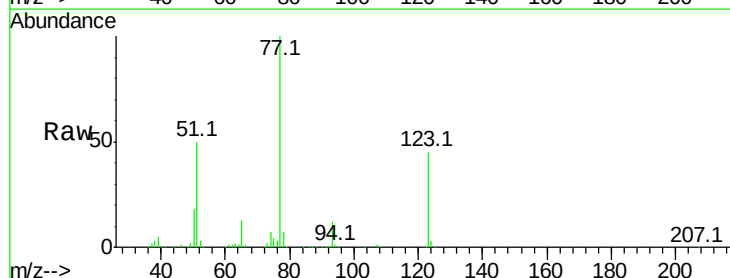


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

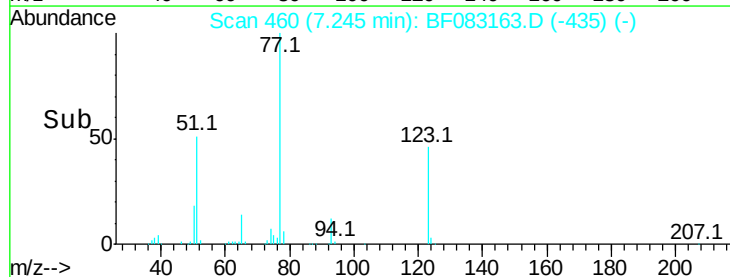
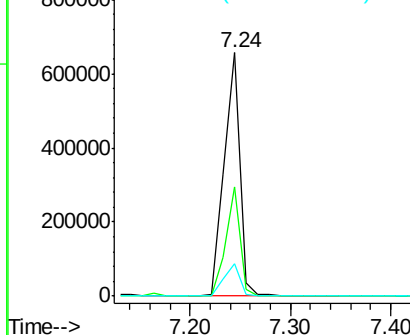


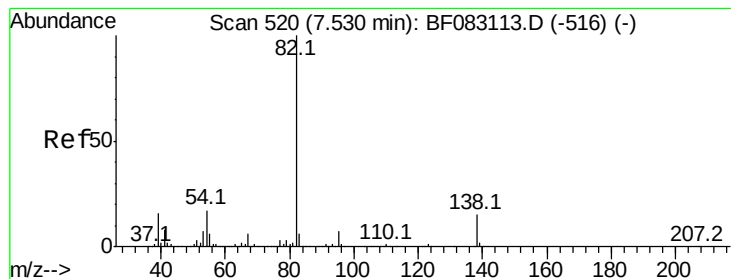
#24
 Nitrobenzene
 Concen: 39.07 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt 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): B
 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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

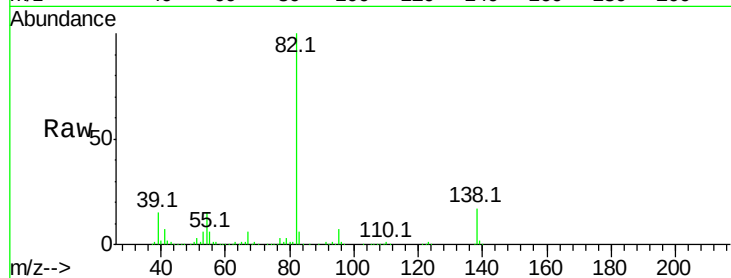
Tot Ion: 82 Resp: 1231872

Ion Ratio Lower Upper

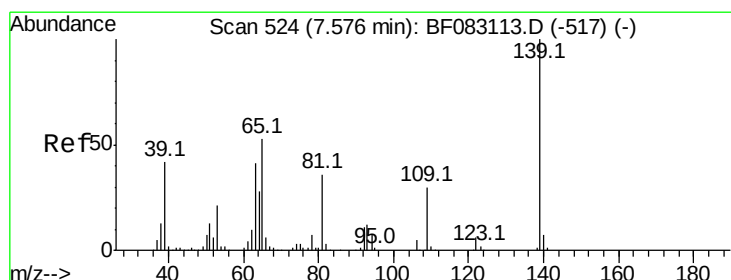
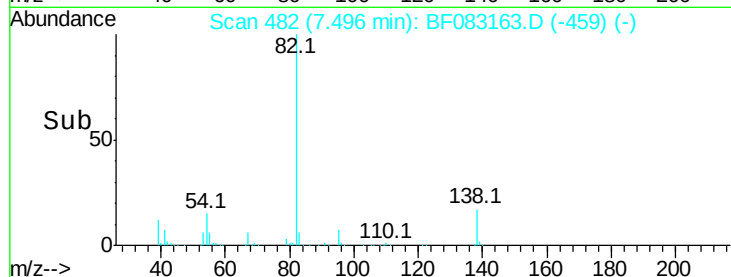
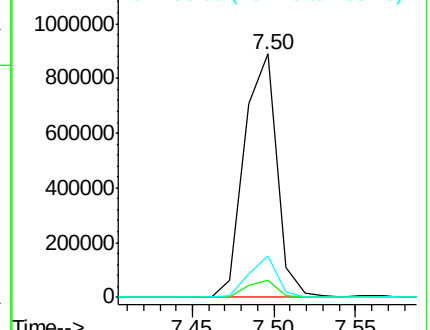
82 100

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

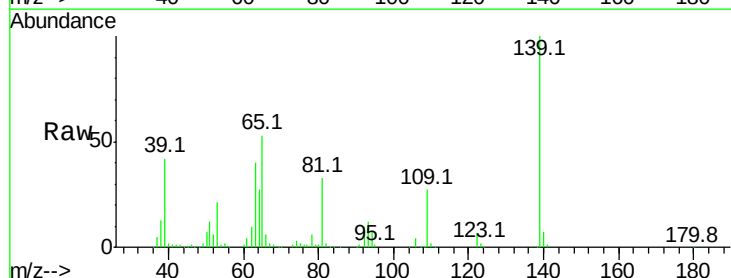
Tgt Ion:139 Resp: 307389

Ion Ratio Lower Upper

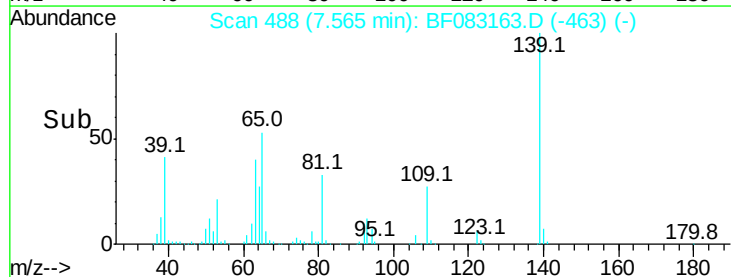
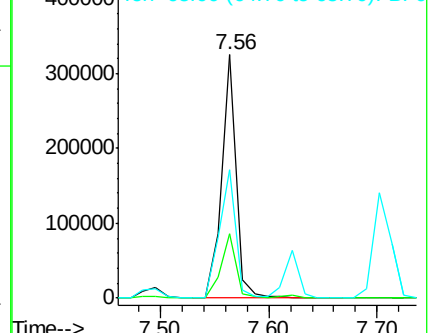
139 100

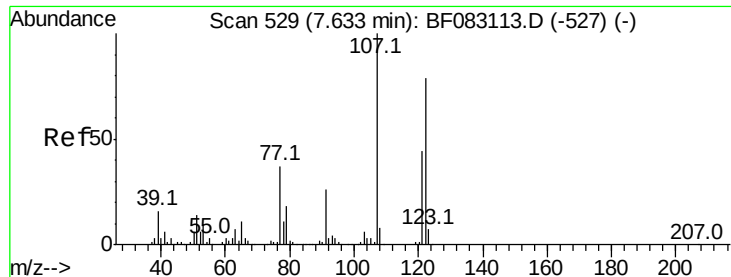
109 26.6 23.9 35.9

65 53.0 42.7 64.1



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

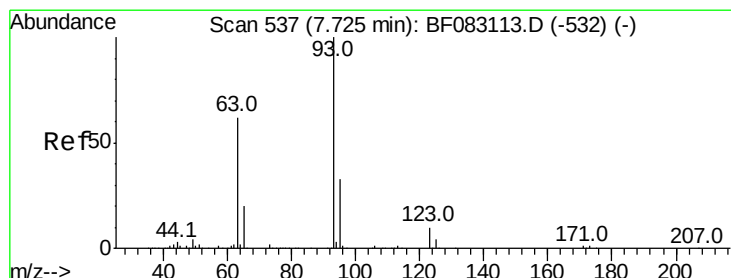
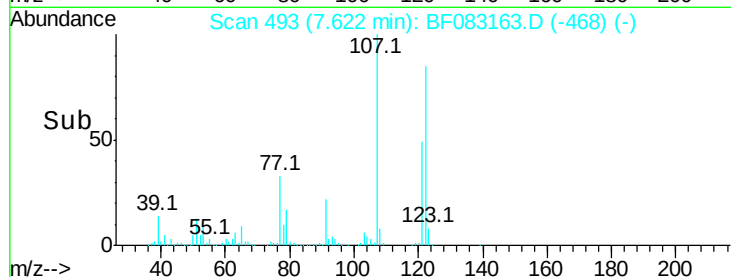
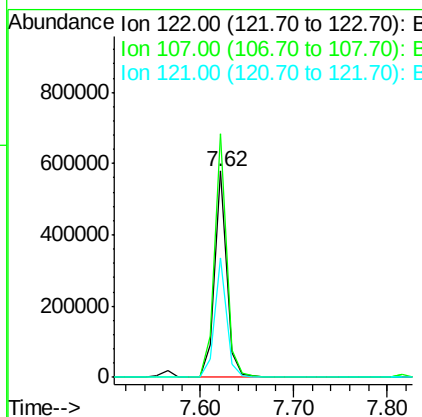
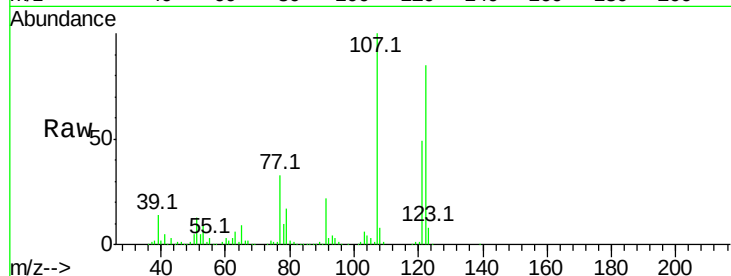




#27
 2,4-Dimethylphenol
 Concen: 40.52 ng
 RT: 7.62 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

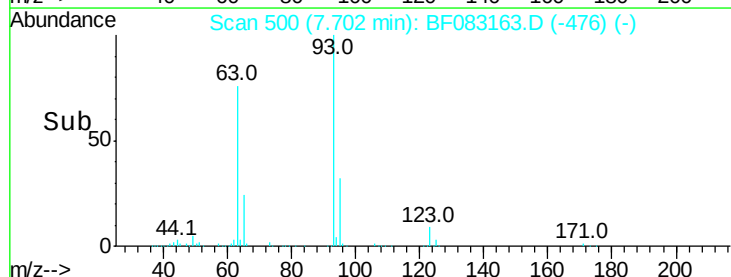
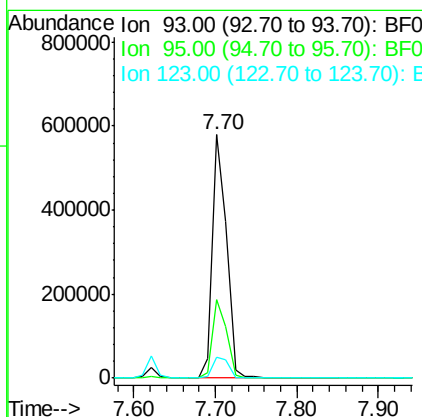
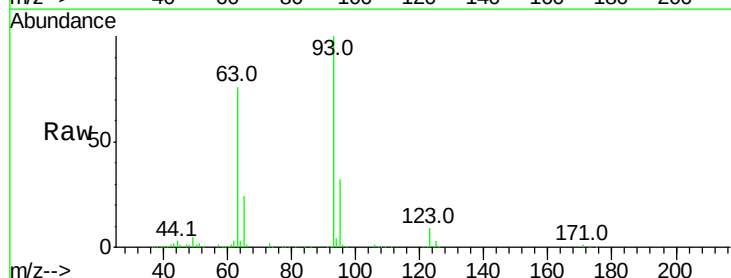
Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

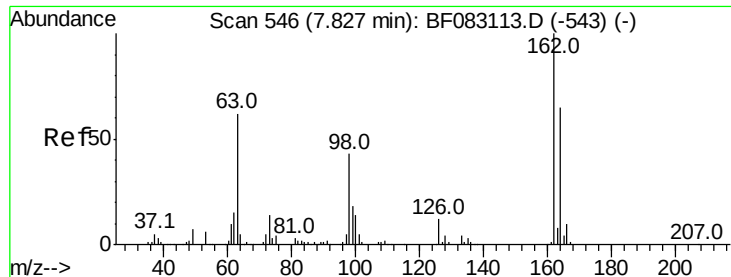
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	101.1	151.7
121	57.6	44.9	67.3



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

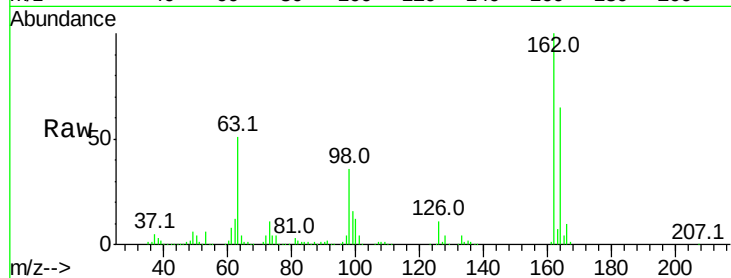
Tot Ion:162 Resp: 481799

Ion Ratio Lower Upper

162 100

164 64.9 44.8 84.8

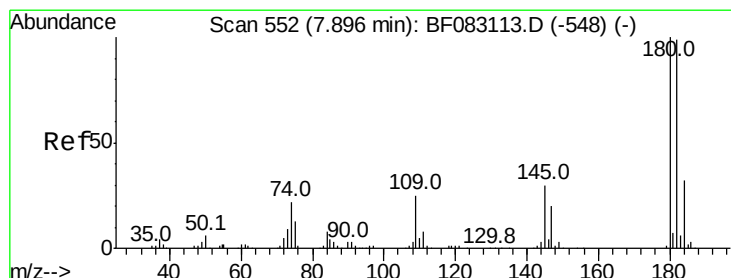
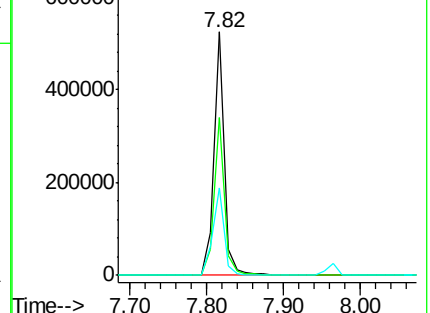
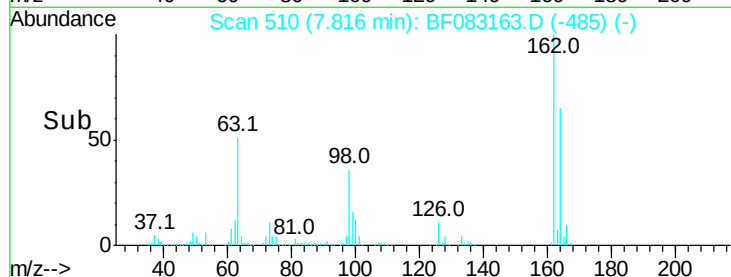
98 36.1 23.1 63.1



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: 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

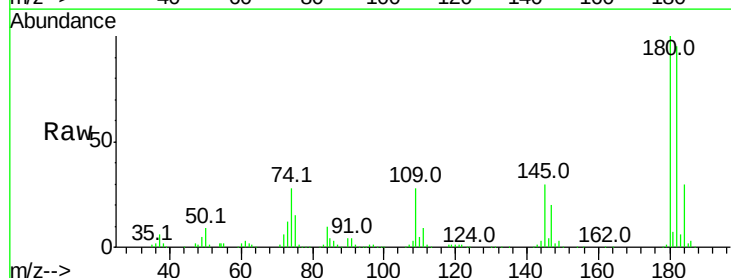
Tgt Ion:180 Resp: 497255

Ion Ratio Lower Upper

180 100

182 95.2 79.0 118.6

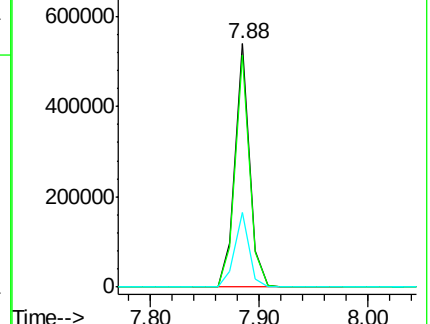
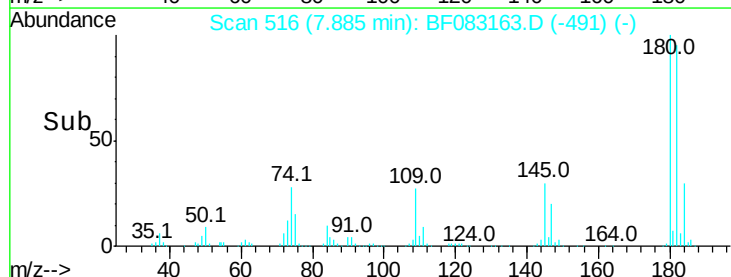
145 30.4 24.2 36.2

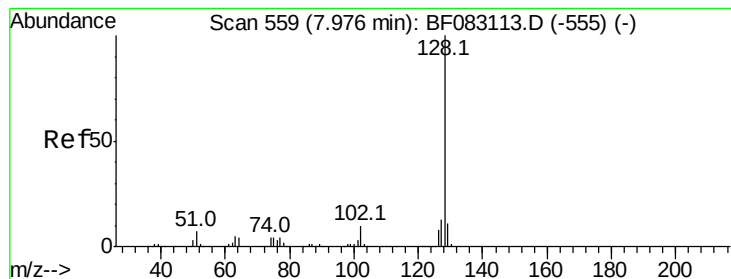


Abundance Ion 180.00 (179.70 to 180.70): E

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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

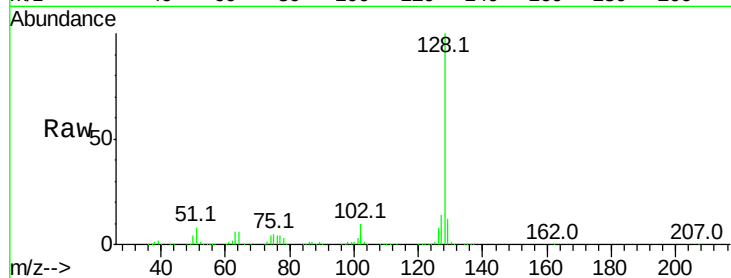
Tot Ion:128 Resp: 1623289

Ion Ratio Lower Upper

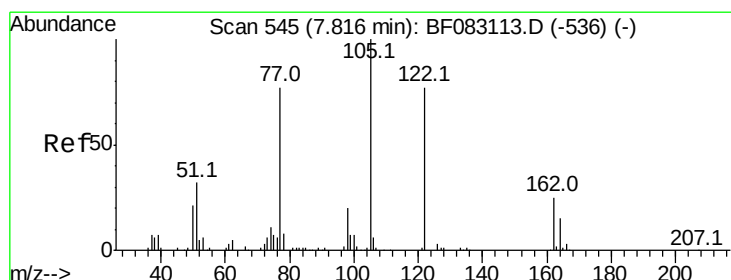
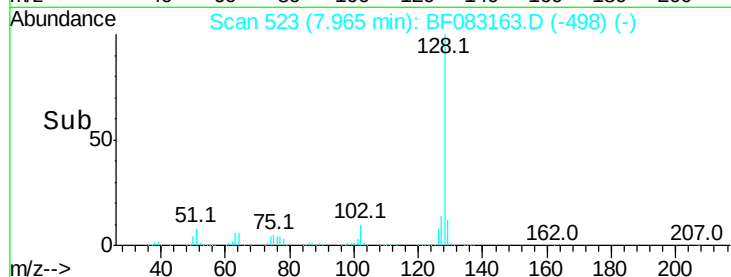
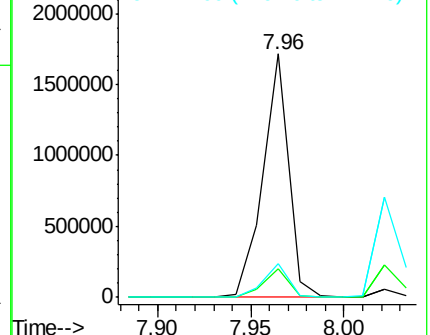
128 100

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



#32

Benzoic acid

Concen: 52.14 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.19 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

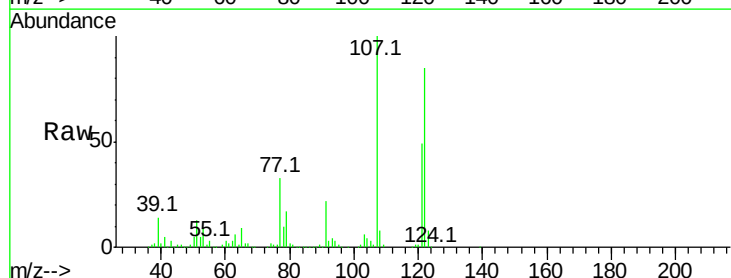
Tgt Ion:122 Resp: 519273

Ion Ratio Lower Upper

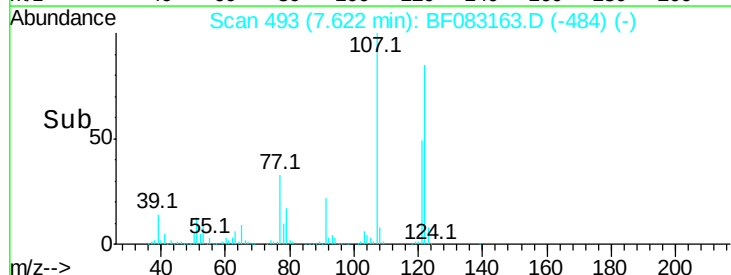
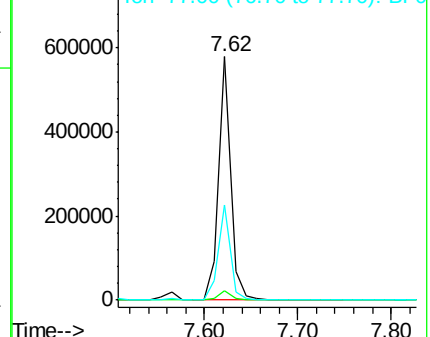
122 100

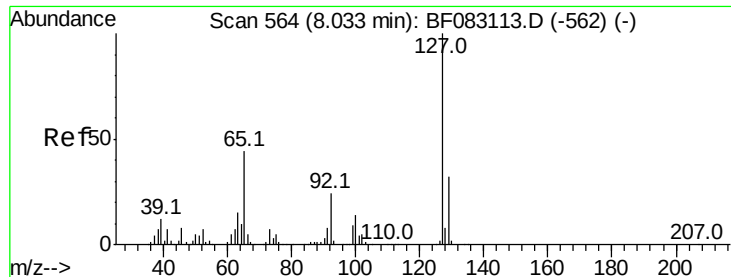
105 3.8 109.7 149.7#

77 39.0 79.7 119.7#



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

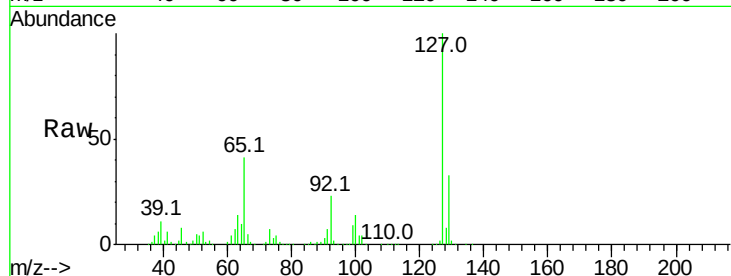




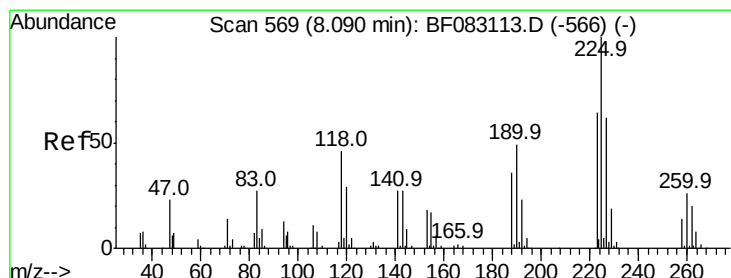
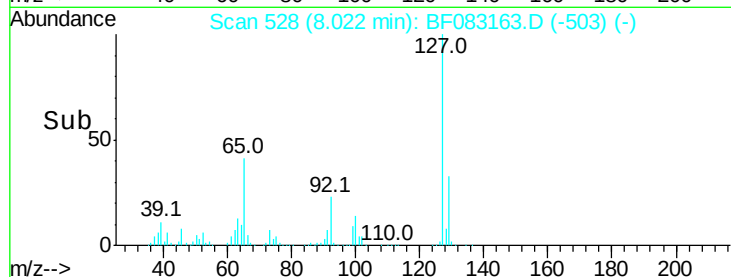
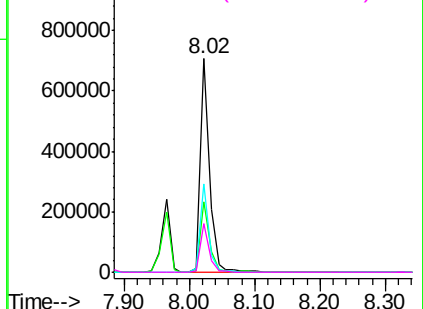
#33
4-Chloroaniline
Concen: 41.60 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

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

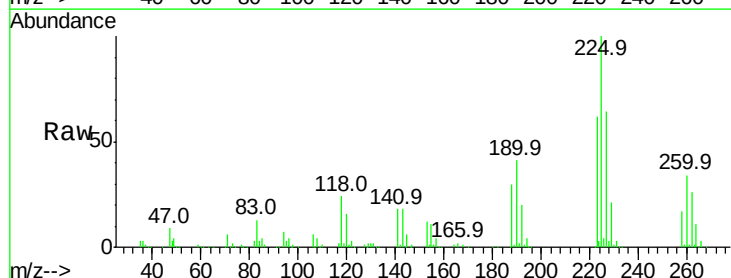


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

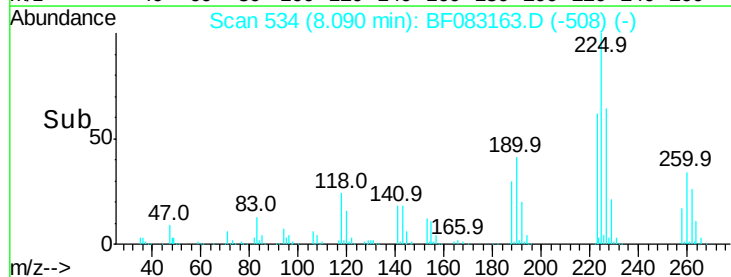
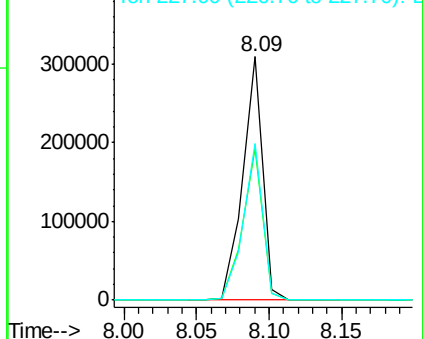


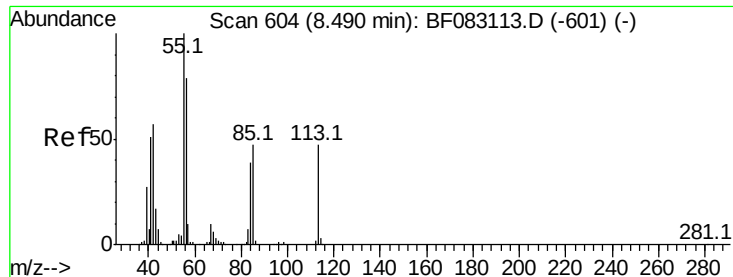
#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

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

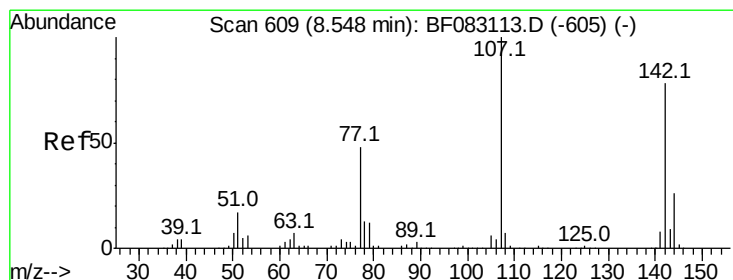
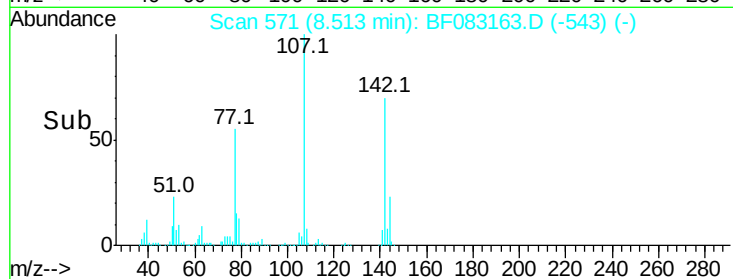
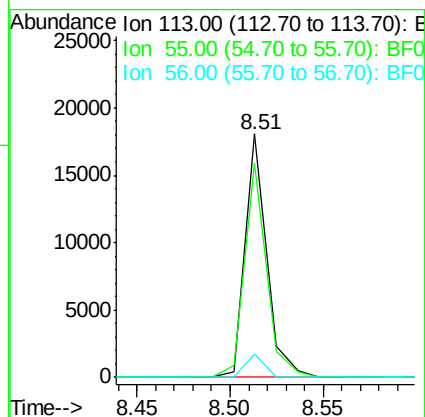
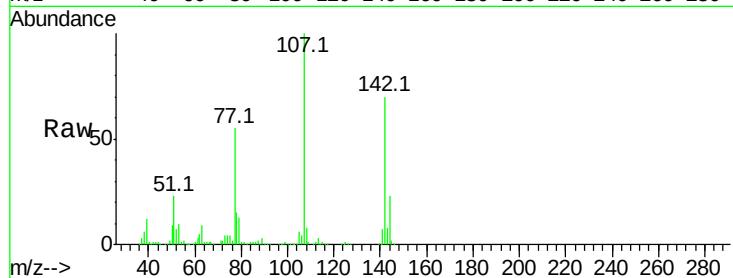




#35
Caprolactam
Concen: 3.75 ng
RT: 8.51 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

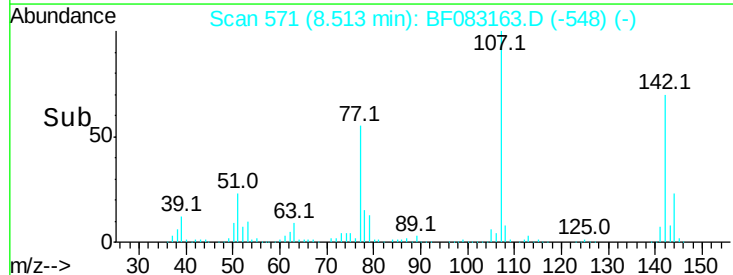
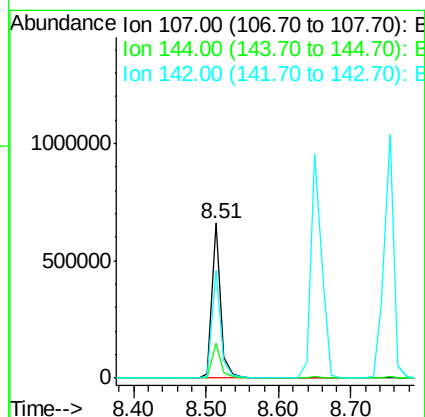
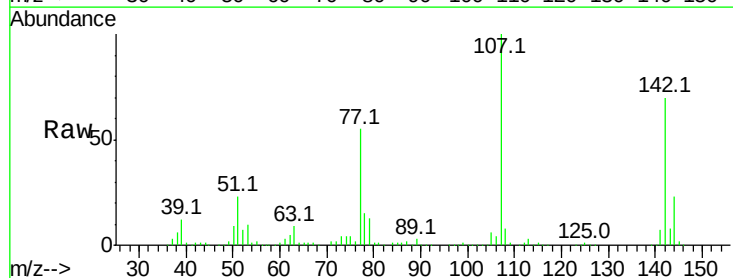
Instrument :
BNA_F
ClientSampleId :
SP3503DL

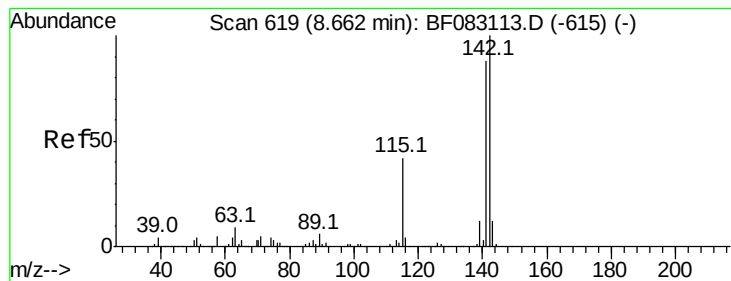
Tot Ion:113 Resp: 14660
Ion Ratio Lower Upper
113 100
55 88.2 192.6 232.6#
56 9.5 148.6 188.6#



#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

Tgt Ion:107 Resp: 550287
Ion Ratio Lower Upper
107 100
144 22.6 20.8 31.2
142 70.1 62.1 93.1





#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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

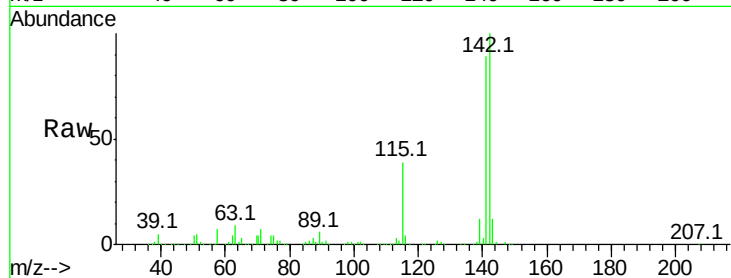
Tot Ion:142 Resp: 987180

Ion Ratio Lower Upper

142 100

141 88.9 70.3 105.5

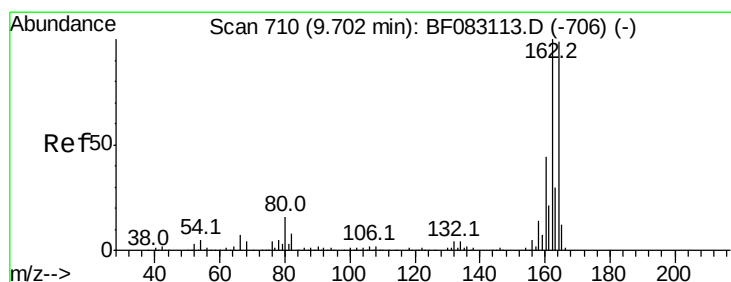
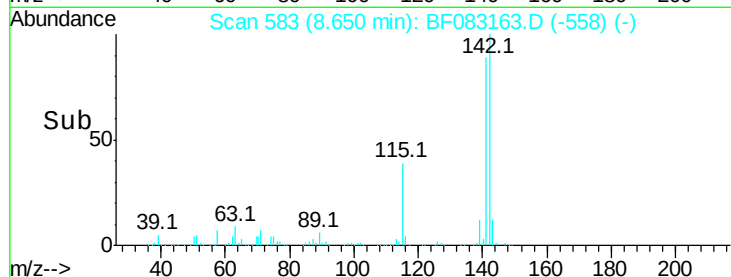
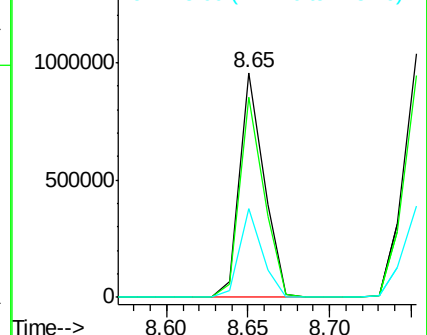
115 39.5 33.4 50.2



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

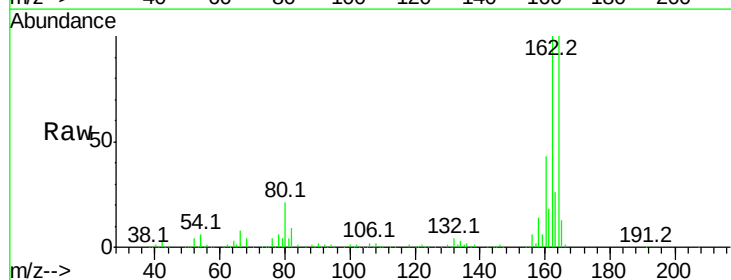
Tgt Ion:164 Resp: 395530

Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

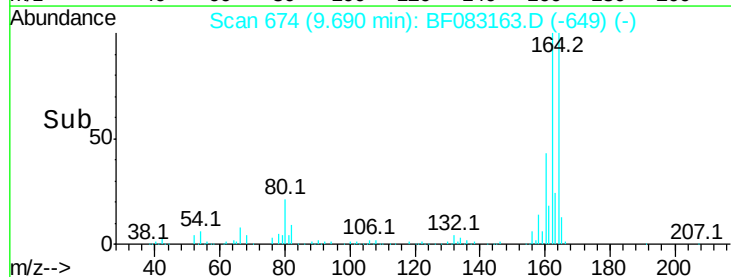
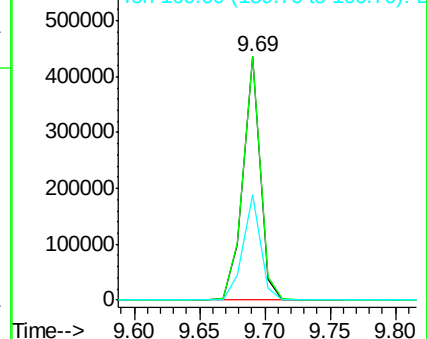
160 43.4 35.6 53.4

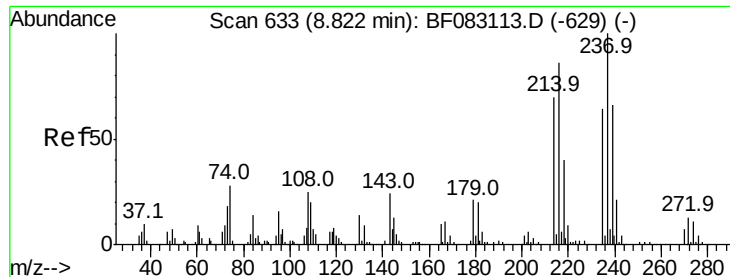


Abundance Ion 164.00 (163.70 to 164.70): E

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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

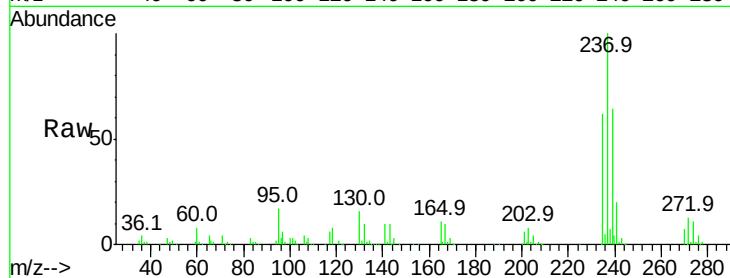
Tot Ion: 237 Resp: 271480

Ion Ratio Lower Upper

237 100

235 62.1 43.5 83.5

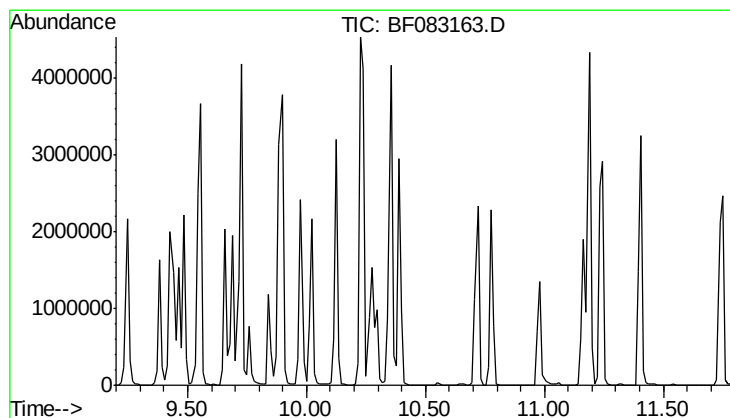
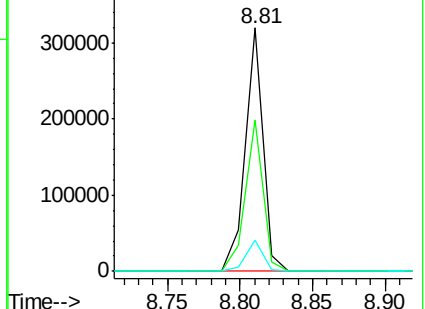
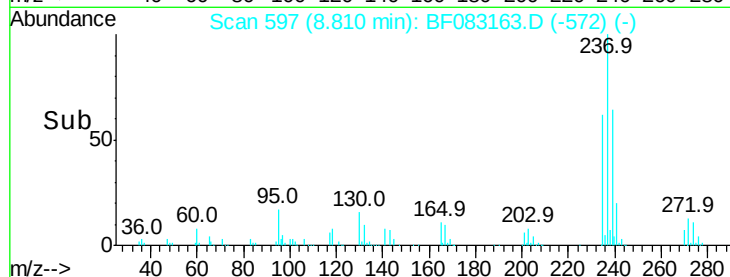
272 13.0 0.0 33.1



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

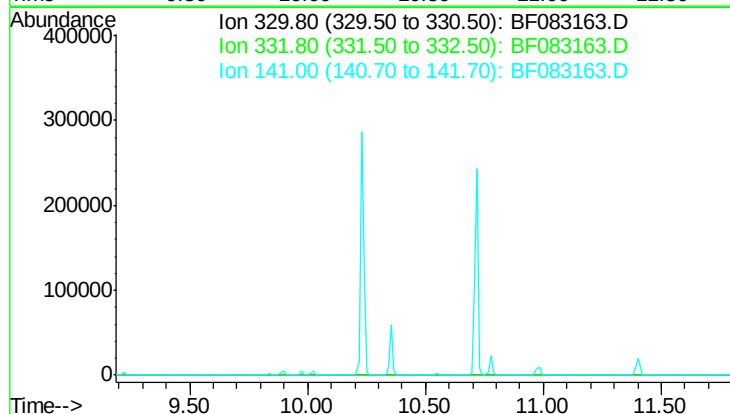
Tgt Ion: 330

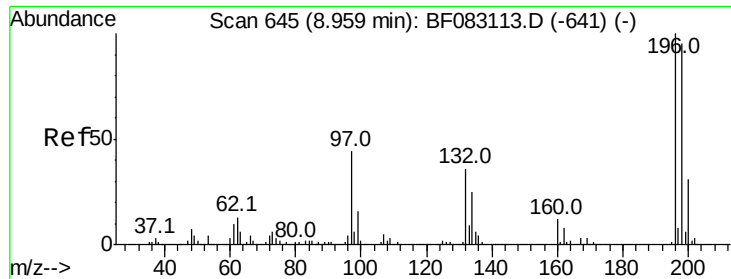
Sig Exp Ratio

330 100

332 97.1

141 37.1

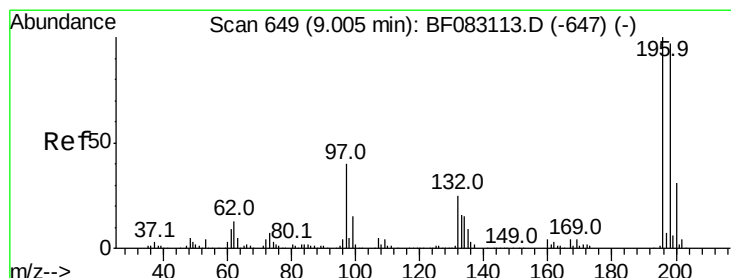
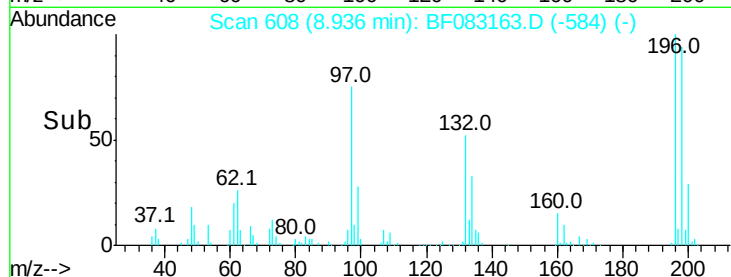
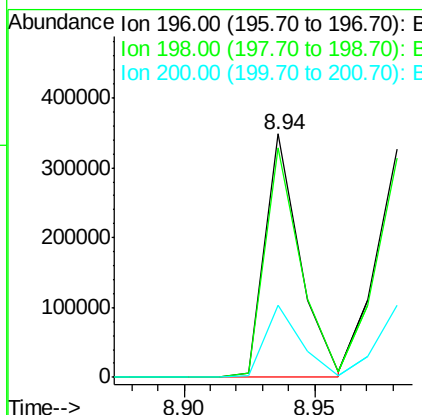
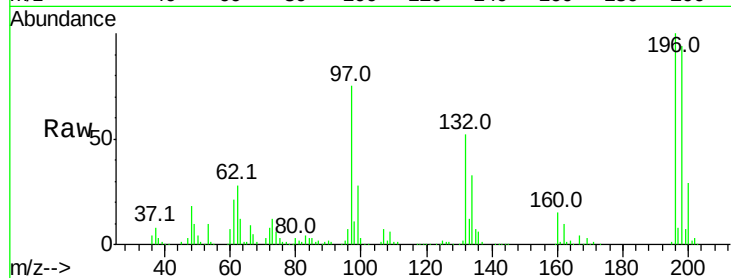




#42
 2,4,6-Trichlorophenol
 Concen: 35.30 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

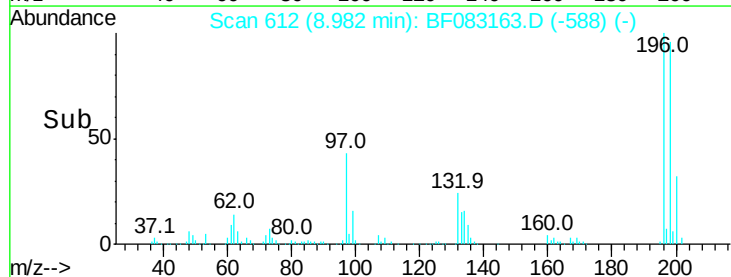
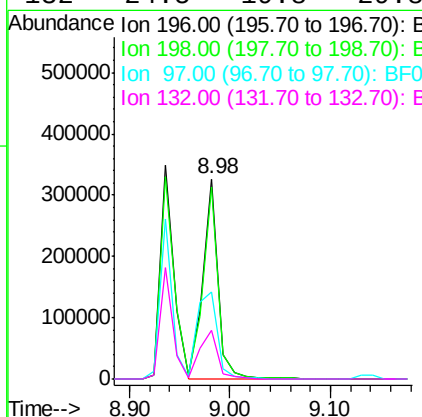
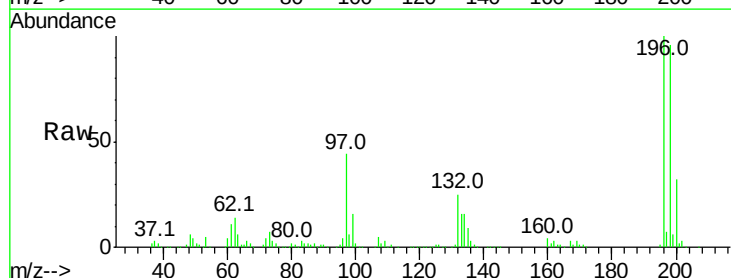
Instrument :
 BNA_F
 ClientSampled :
 SP3503DL

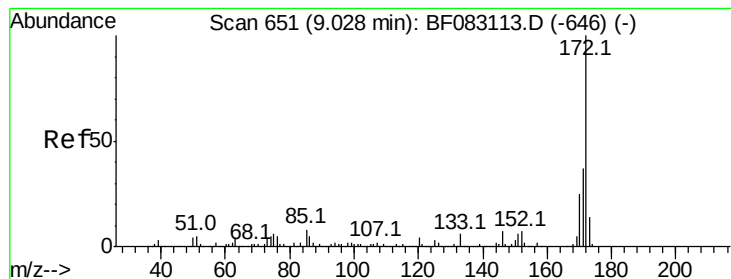
Tot Ion:196 Resp: 324091
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.9 113.9
 200 29.4 24.5 36.7



#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

Tgt 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





#44

2-Fluorobiphenyl

Concen: 0.03 ng

RT: 8.98 min Scan# 612

Delta R.T. -0.05 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

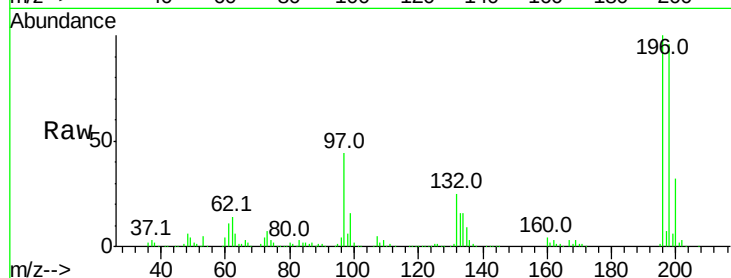
Tot Ion:172 Resp: 767

Ion Ratio Lower Upper

172 100

171 476.5 29.5 44.3#

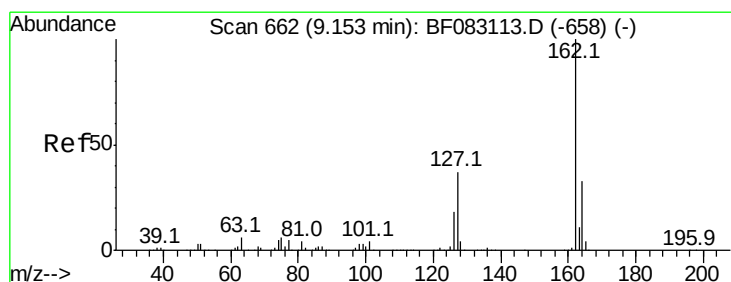
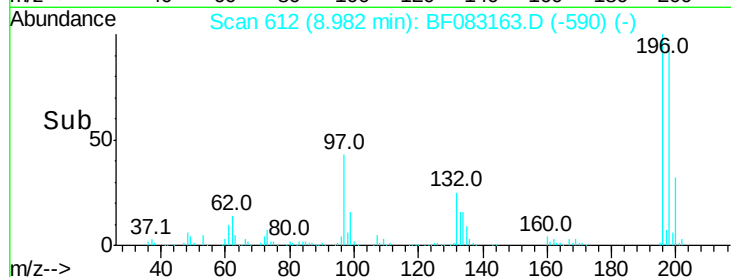
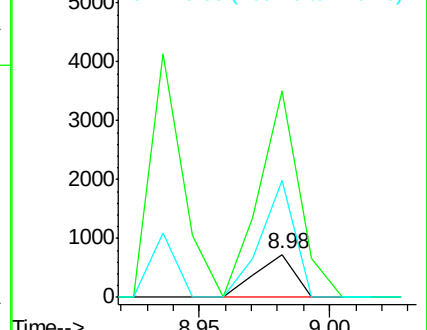
170 269.0 19.9 29.9#



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



#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

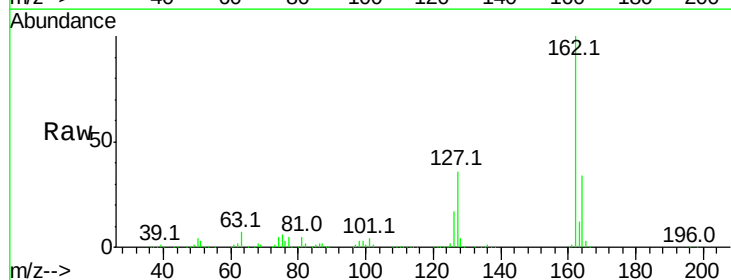
Tgt Ion:162 Resp: 1007074

Ion Ratio Lower Upper

162 100

127 36.2 29.4 44.2

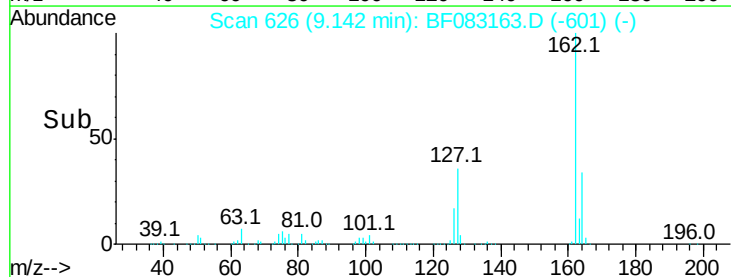
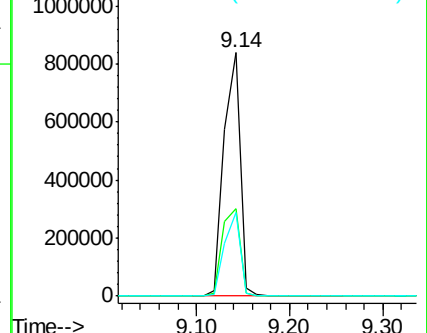
164 34.3 26.2 39.4

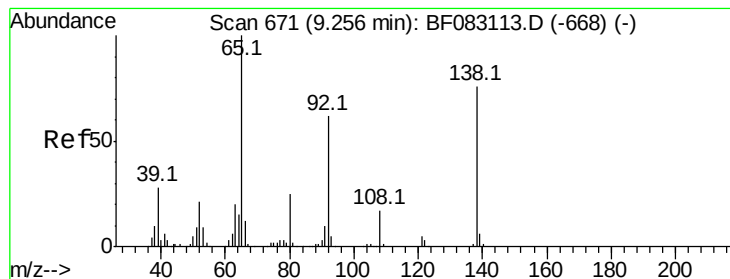


Abundance Ion 162.00 (161.70 to 162.70): E

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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

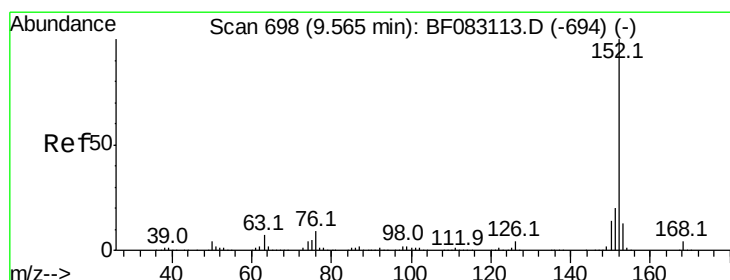
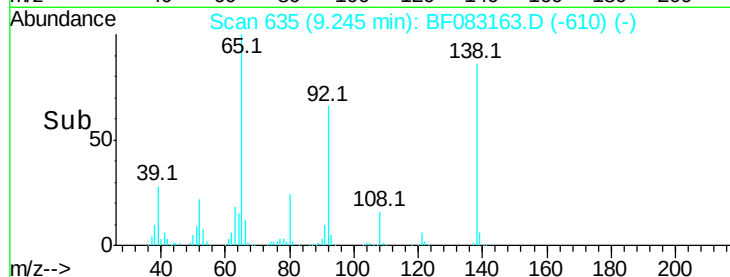
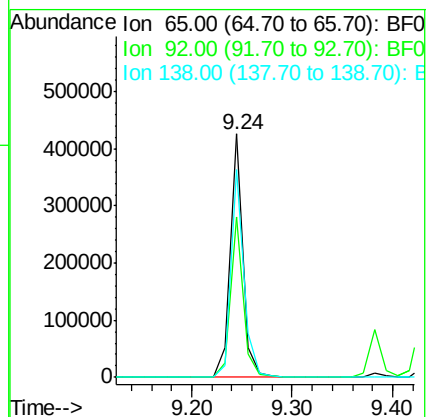
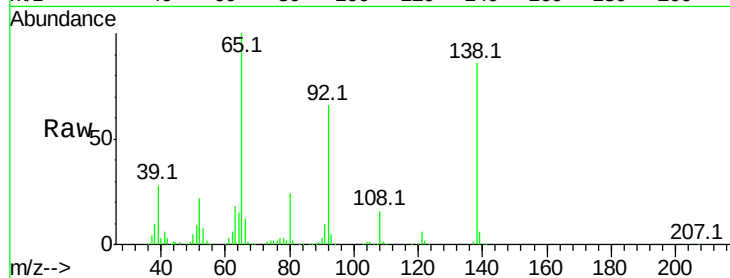
Tot Ion: 65 Resp: 375228

Ion Ratio Lower Upper

65 100

92 65.7 49.5 74.3

138 85.5 60.7 91.1



#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

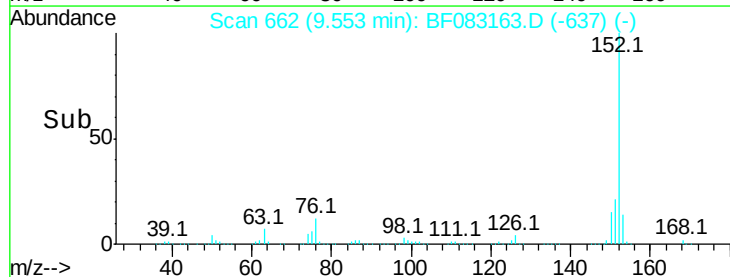
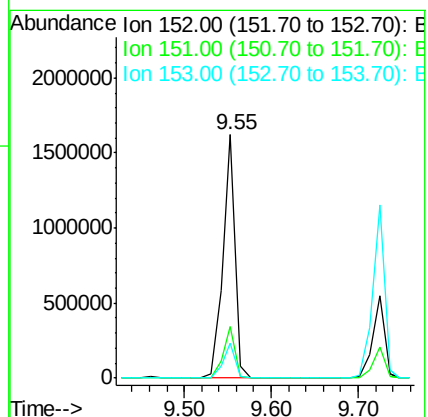
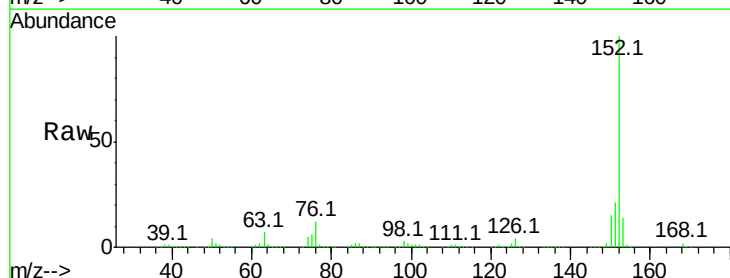
Tgt Ion: 152 Resp: 1591478

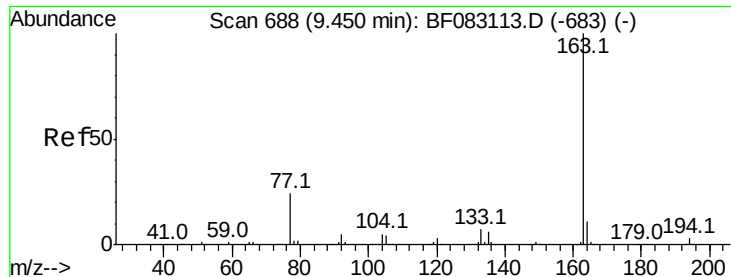
Ion Ratio Lower Upper

152 100

151 21.3 16.3 24.5

153 14.2 10.8 16.2





#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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

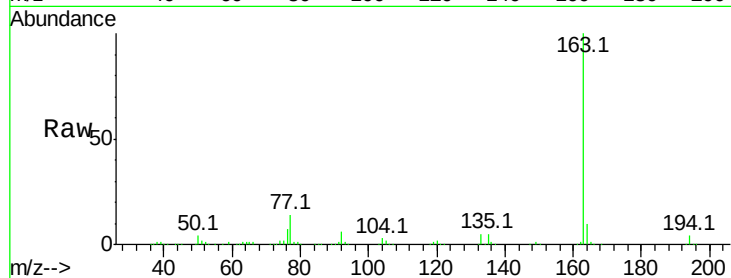
Tot Ion:163 Resp: 1166464

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0

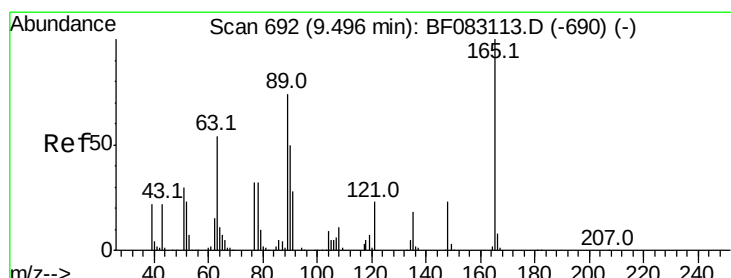
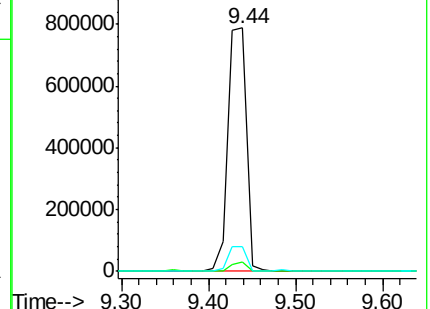
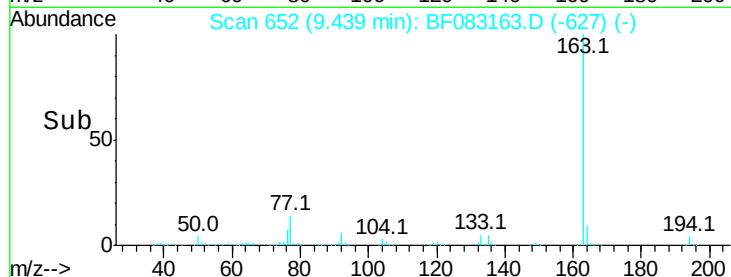
164 10.0 8.6 12.8



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

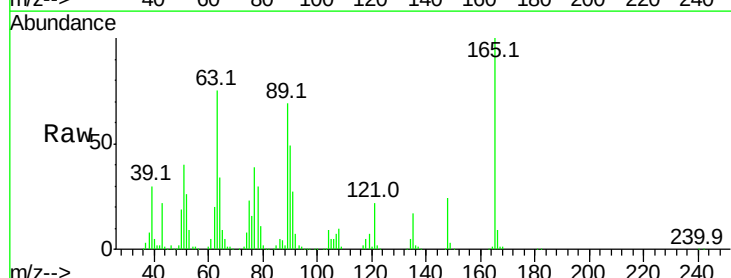
Tgt Ion:165 Resp: 247437

Ion Ratio Lower Upper

165 100

63 75.2 62.5 93.7

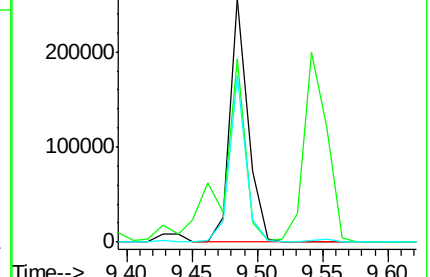
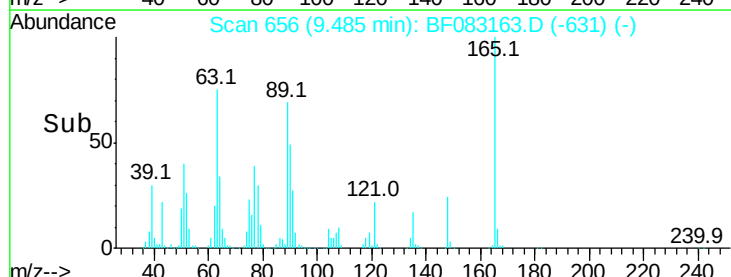
89 68.7 59.1 88.7

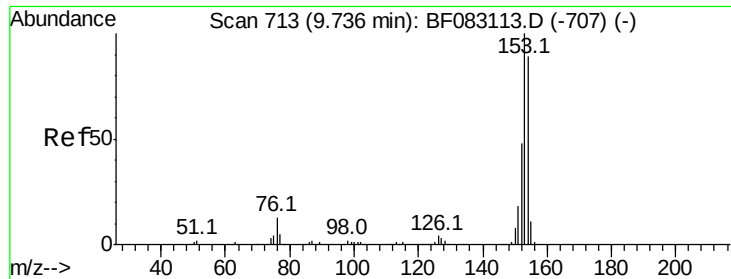


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

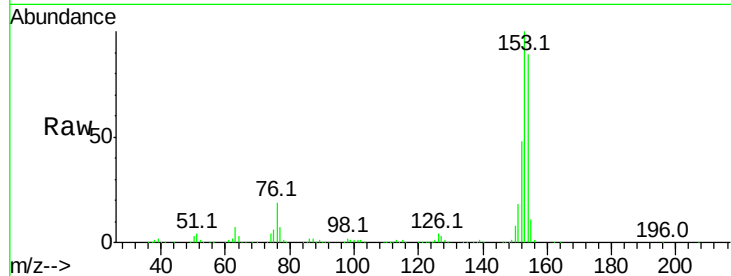
Tot Ion:154 Resp: 961624

Ion Ratio Lower Upper

154 100

153 112.8 89.6 134.4

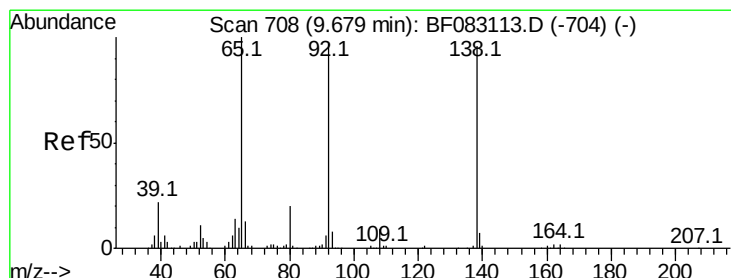
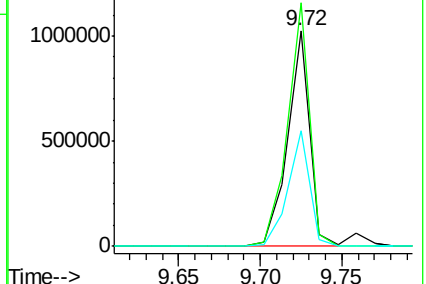
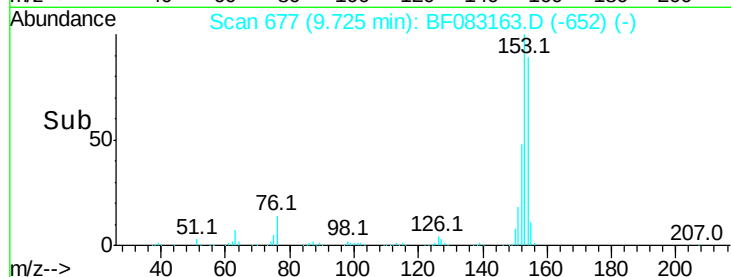
152 53.8 43.3 64.9



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: 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

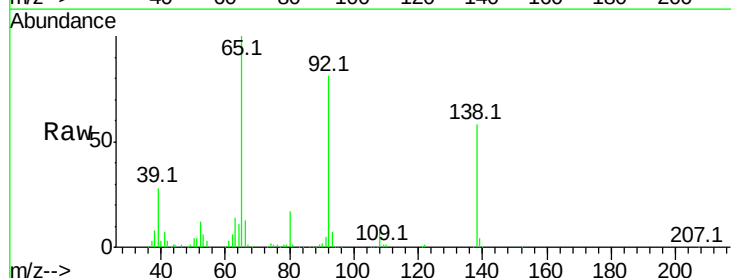
Tgt Ion:138 Resp: 267469

Ion Ratio Lower Upper

138 100

108 11.8 7.8 11.6#

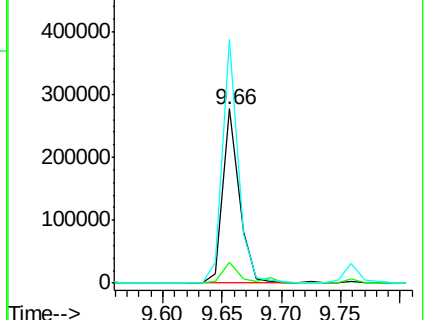
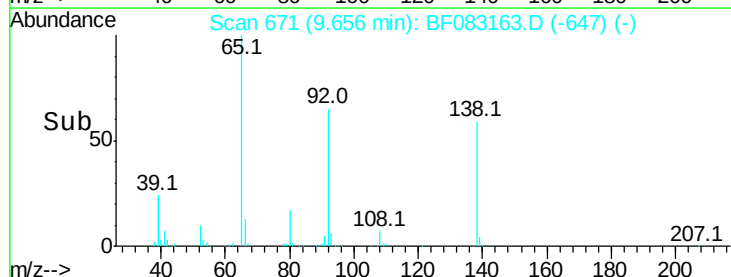
92 139.6 81.1 121.7#

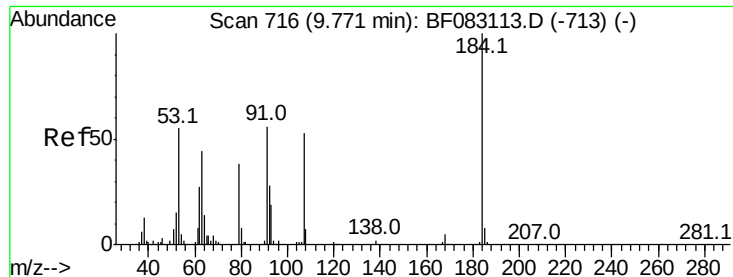


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

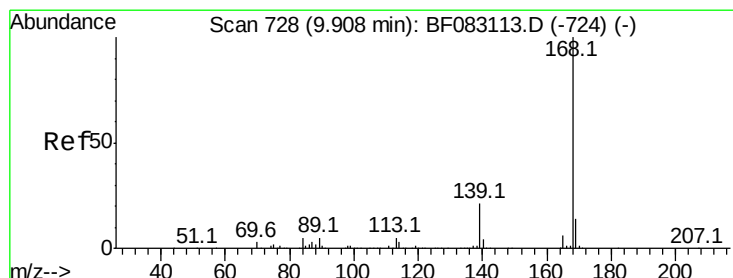
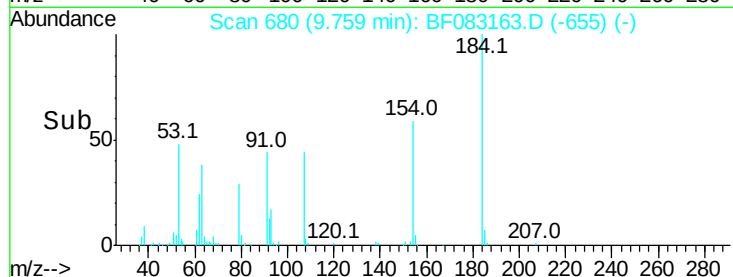
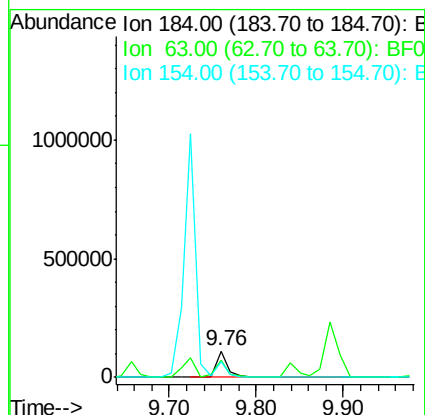
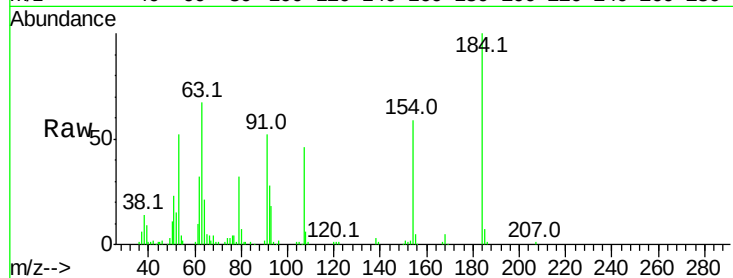




#53
2,4-Dinitrophenol
Concen: 27.37 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

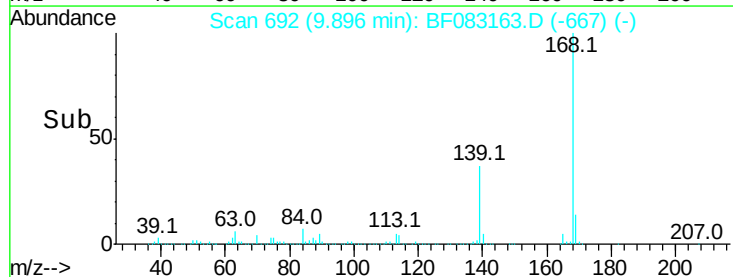
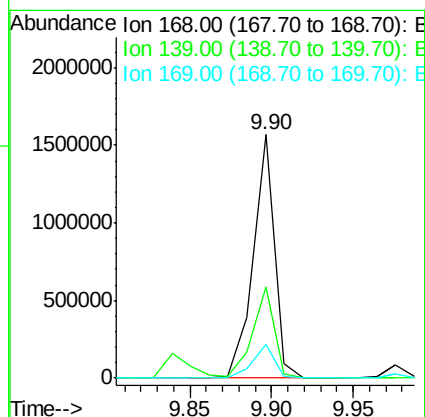
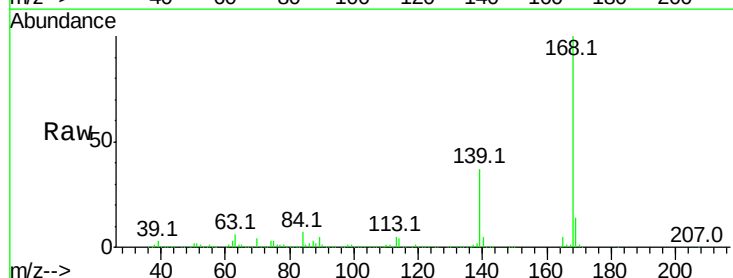
Instrument :
BNA_F
ClientSampleId :
SP3503DL

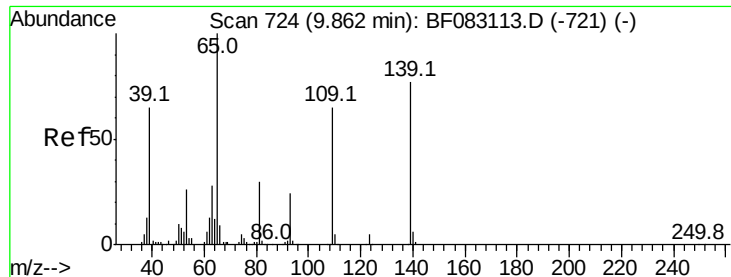
Tot Ion:184 Resp: 107723
Ion Ratio Lower Upper
184 100
63 66.8 60.5 90.7
154 58.7 54.3 81.5



#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

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

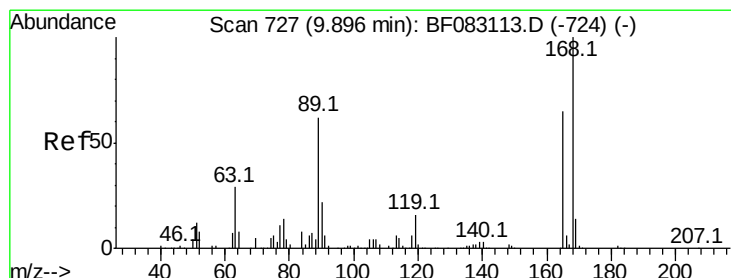
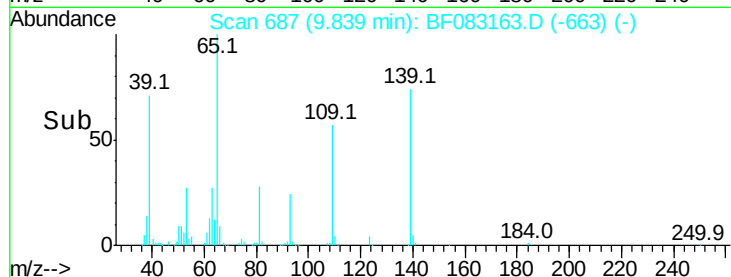
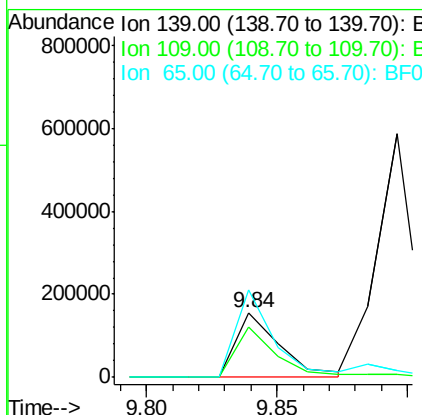
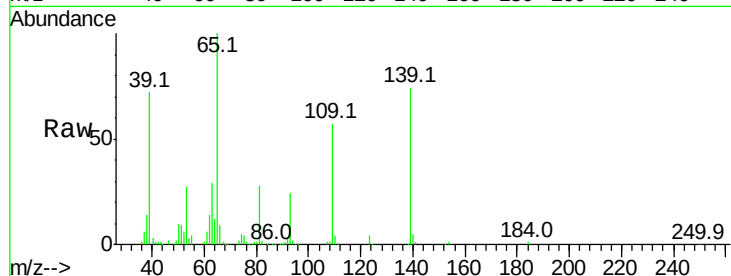




#55
4-Nitrophenol
Concen: 32.98 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

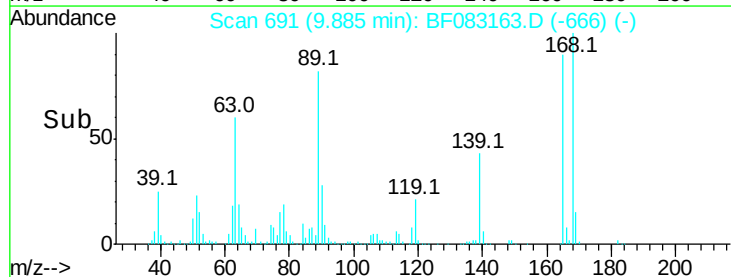
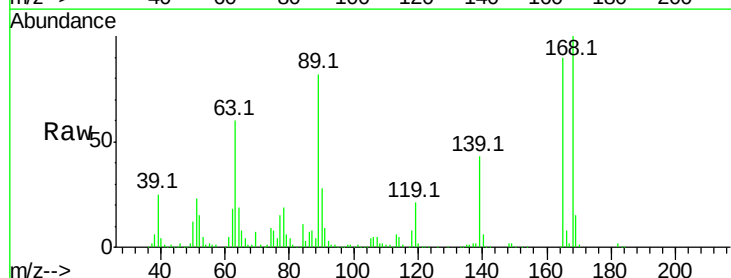
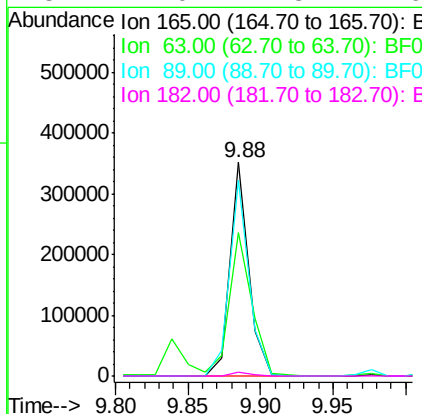
Instrument :
BNA_F
ClientSampleId :
SP3503DL

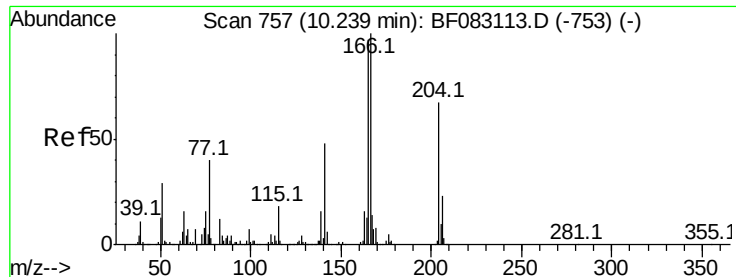
Tot Ion:139 Resp: 184220
Ion Ratio Lower Upper
139 100
109 77.3 64.0 104.0
65 134.5 109.5 149.5



#56
2,4-Dinitrotoluene
Concen: 36.30 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion:165 Resp: 314244
Ion Ratio Lower Upper
165 100
63 67.2 54.5 81.7
89 92.0 77.3 115.9
182 2.0 1.8 2.6





#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

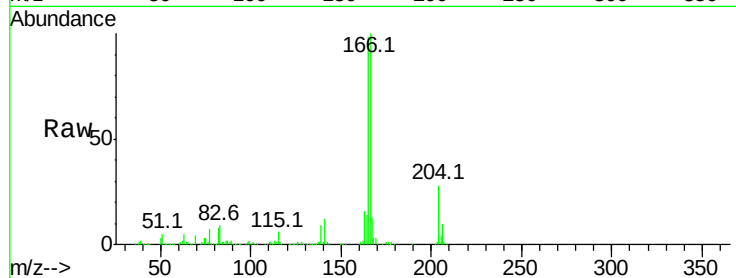
Tot Ion:166 Resp: 1110471

Ion Ratio Lower Upper

166 100

165 97.7 78.0 117.0

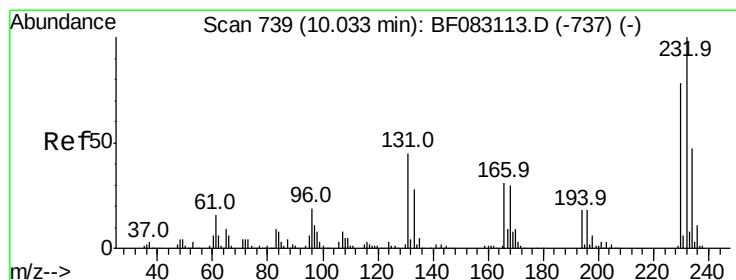
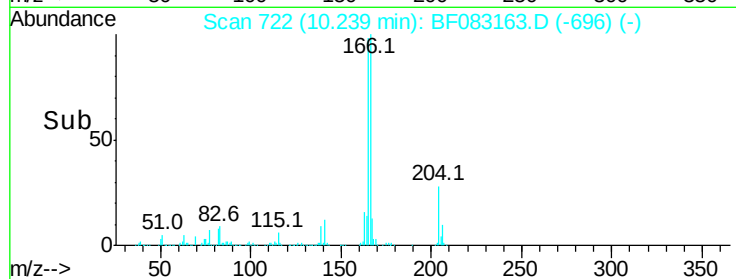
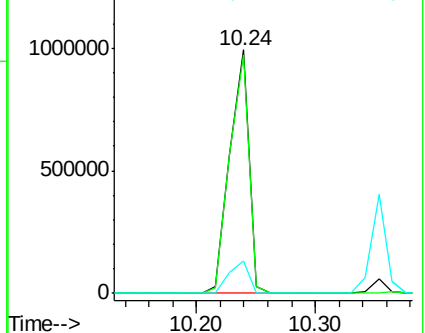
167 13.3 11.3 16.9



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: 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

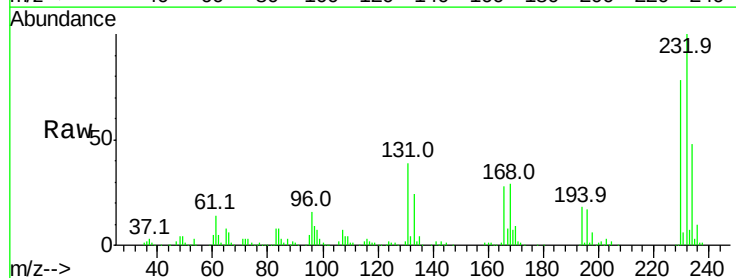
Ion Ratio Lower Upper

232 100

131 44.4 38.6 57.8

130 2.1 1.9 2.9

166 29.8 25.4 38.0

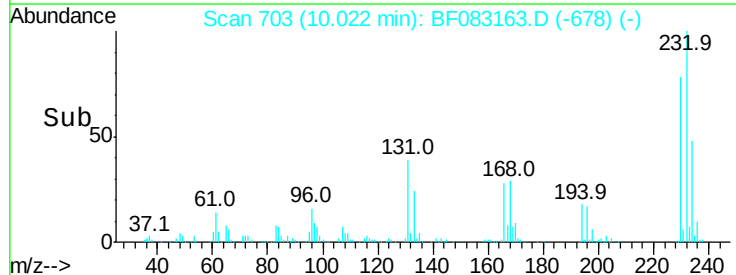
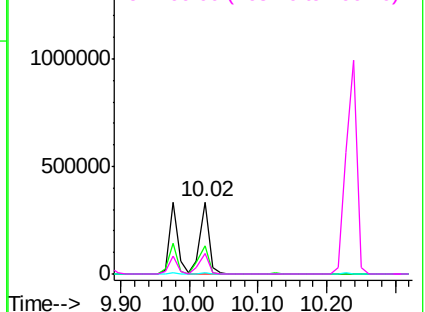


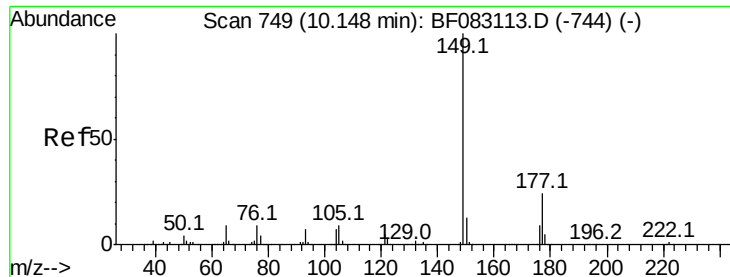
Abundance Ion 232.00 (231.70 to 232.70): E

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

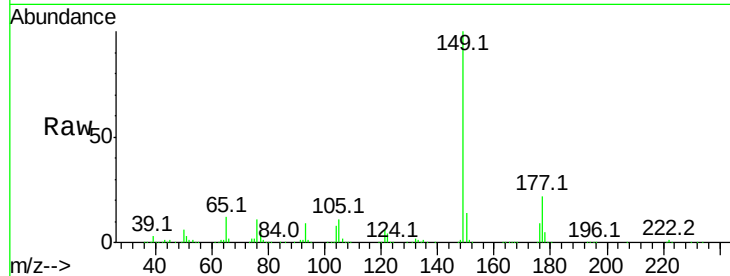




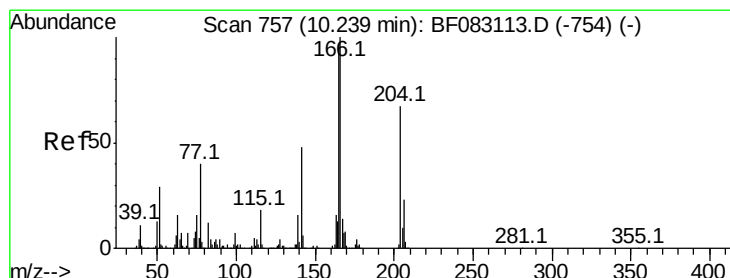
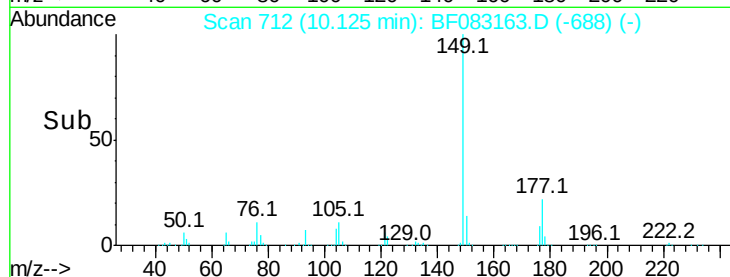
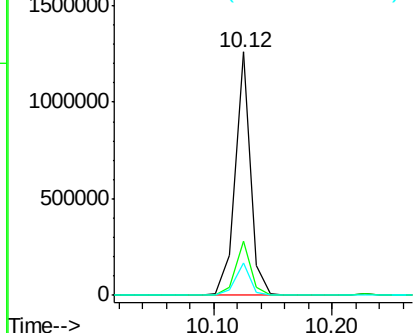
#59
Diethylphthalate
Concen: 37.25 ng
RT: 10.12 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

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

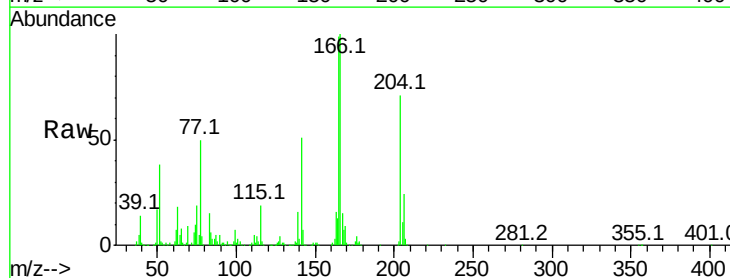


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

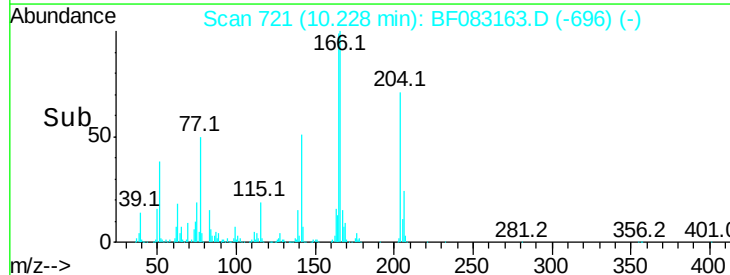
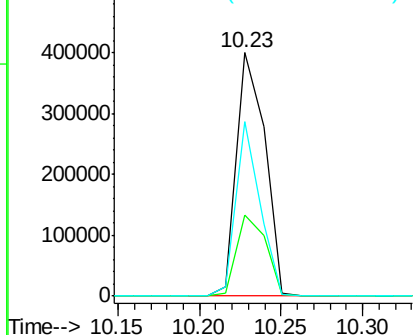


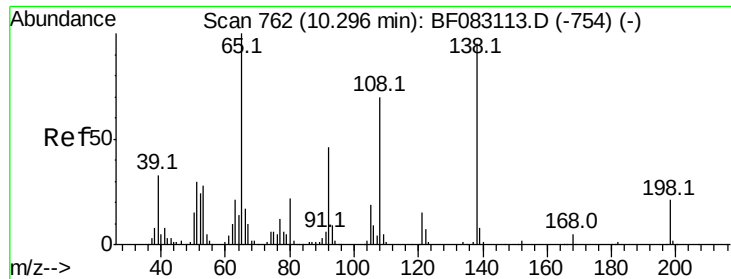
#60
4-Chlorophenyl-phenylether
Concen: 35.95 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

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

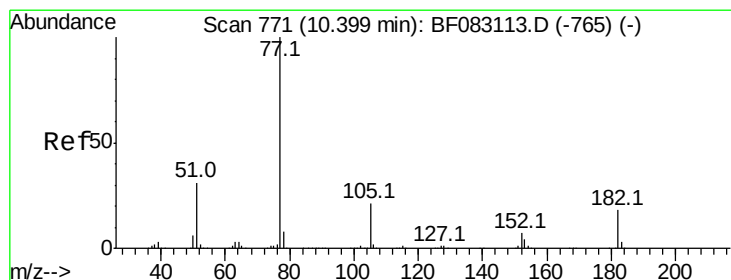
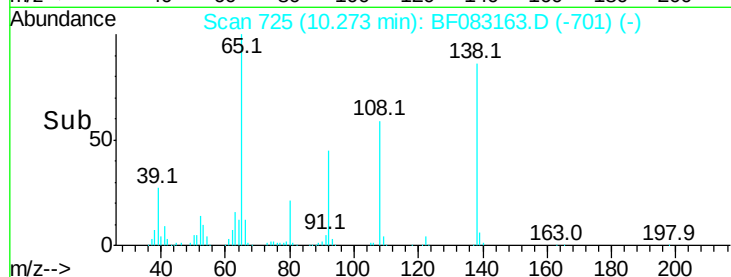
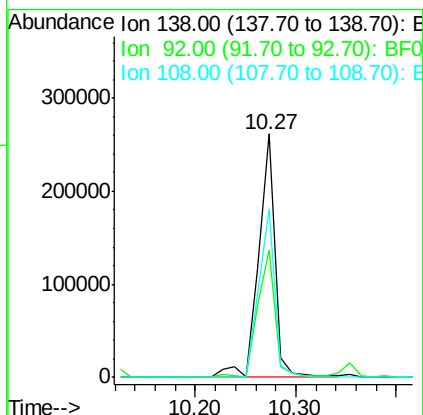
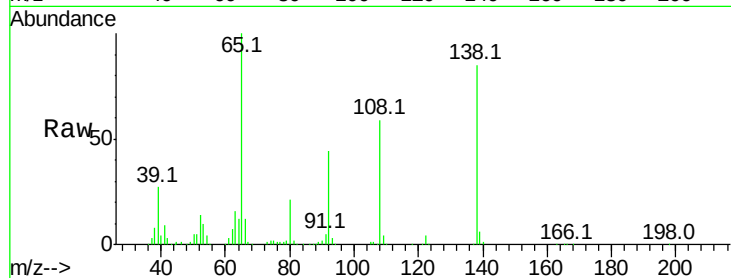




#61
4-Nitroaniline
Concen: 41.22 ng
RT: 10.27 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

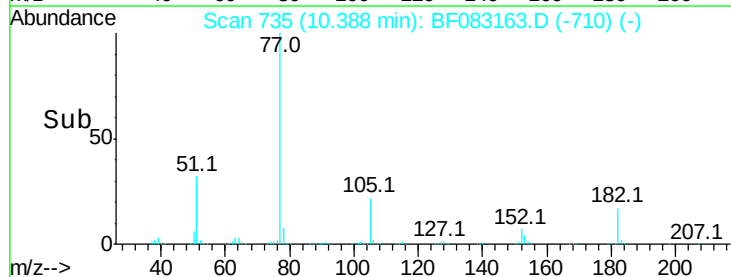
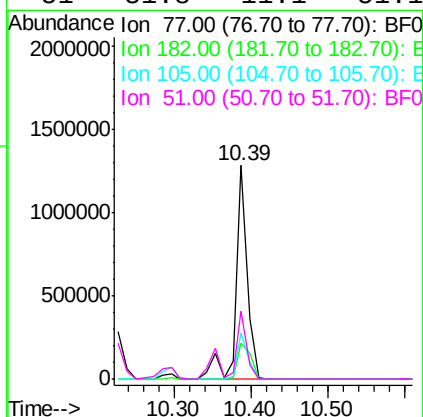
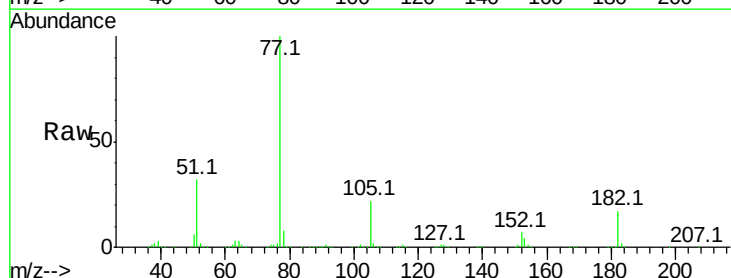
Instrument :
BNA_F
ClientSampleId :
SP3503DL

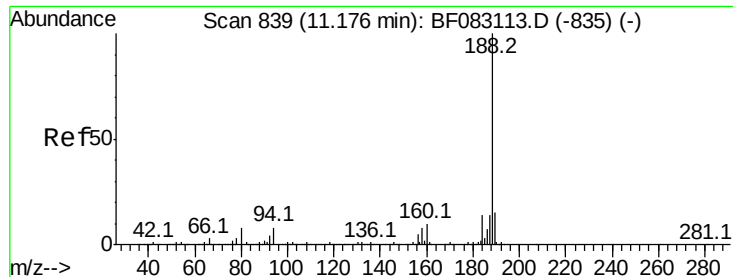
Tot Ion:138 Resp: 295636
Ion Ratio Lower Upper
138 100
92 52.2 28.4 68.4
108 69.0 53.5 93.5



#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

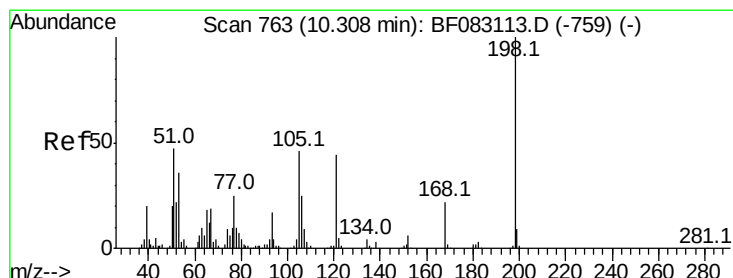
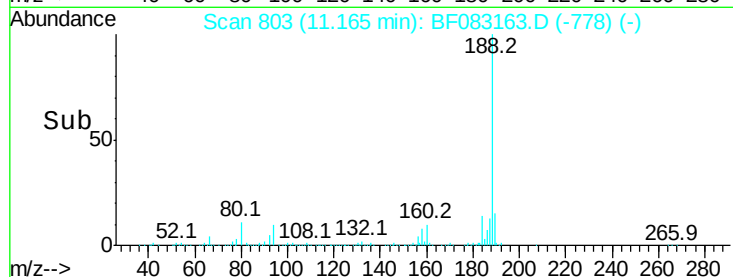
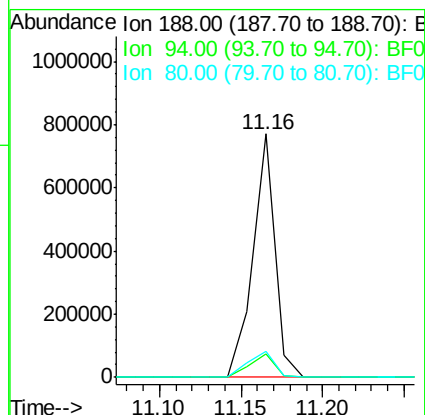
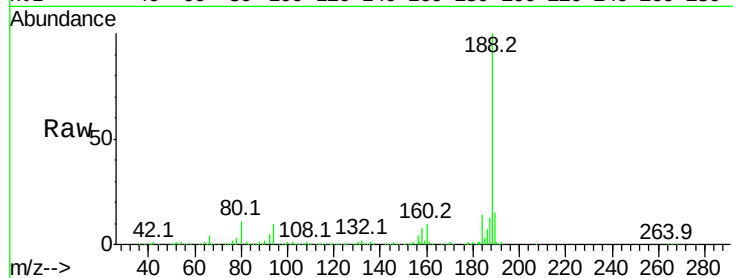




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

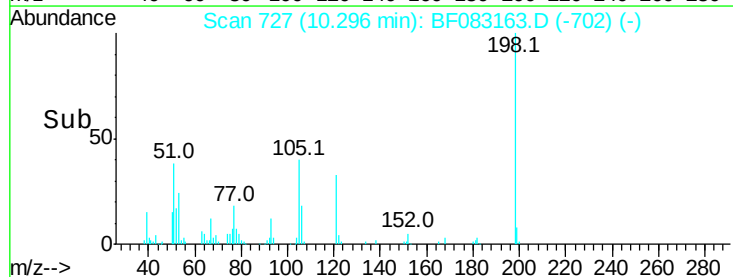
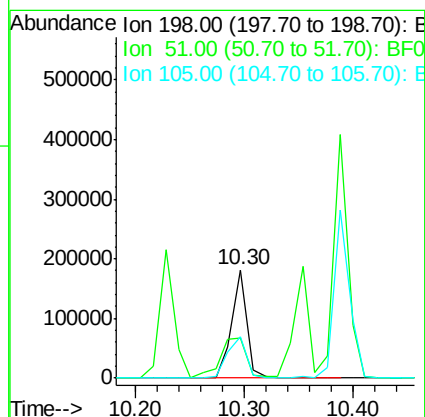
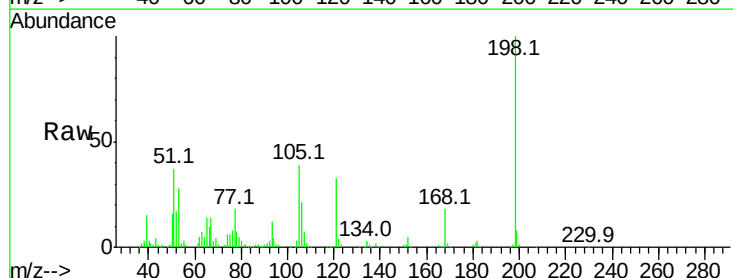
Instrument :
BNA_F
ClientSampled :
SP3503DL

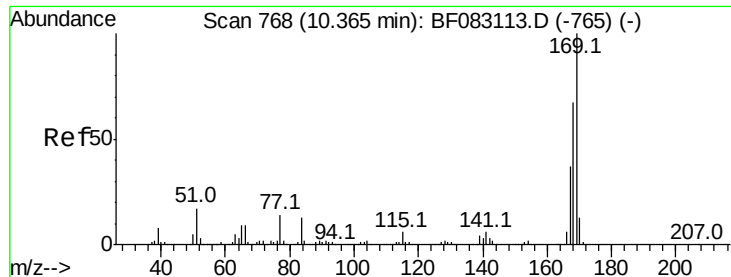
Tot Ion:188 Resp: 723086
Ion Ratio Lower Upper
188 100
94 9.5 6.0 9.0#
80 10.5 6.7 10.1#



#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

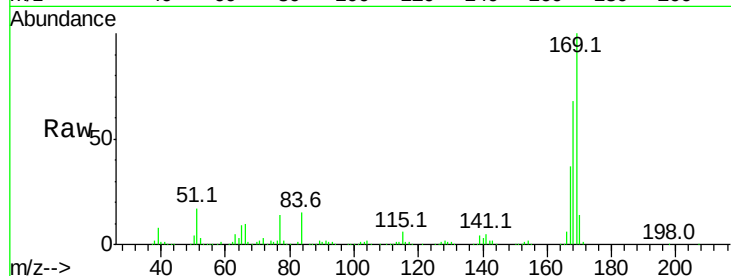
Tot Ion:169 Resp: 948072

Ion Ratio Lower Upper

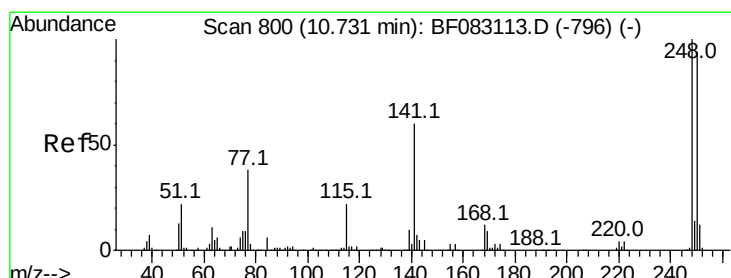
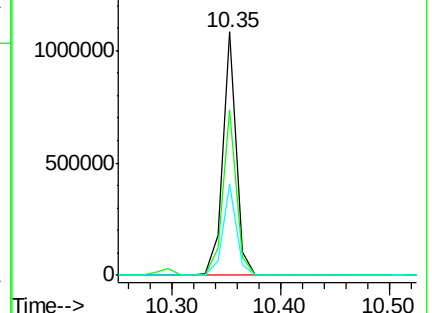
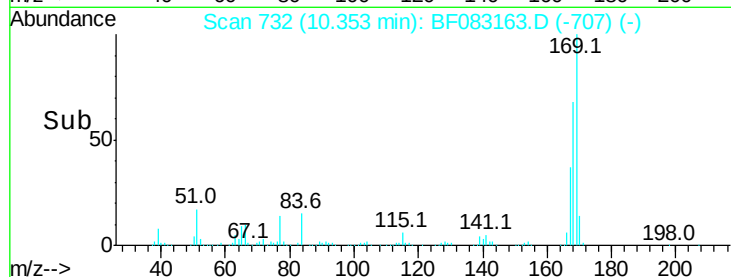
169 100

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

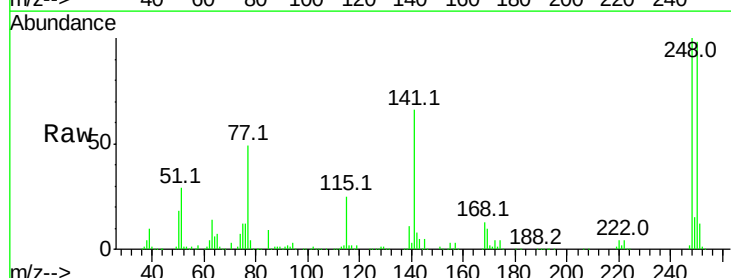
Tgt Ion:248 Resp: 322473

Ion Ratio Lower Upper

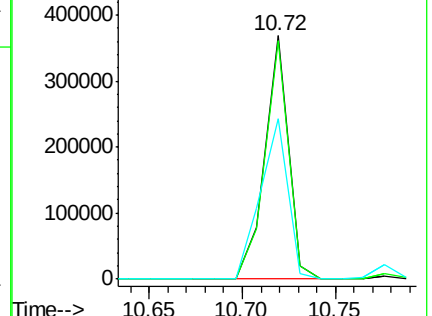
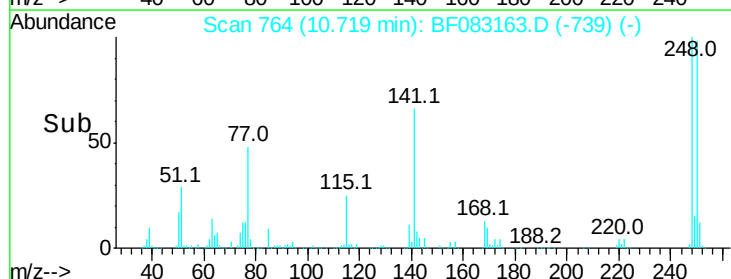
248 100

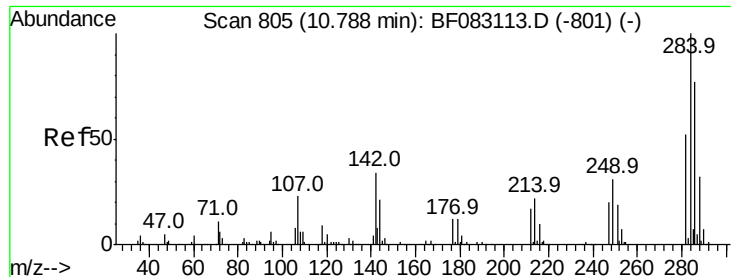
250 97.9 75.4 113.2

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

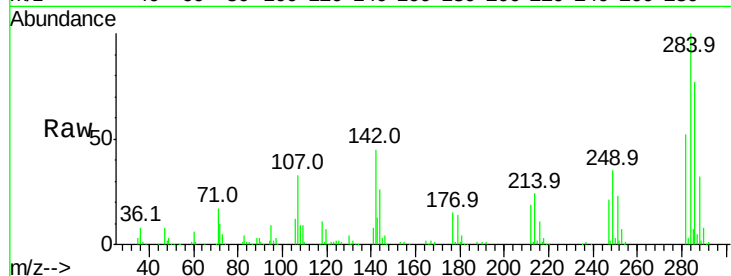




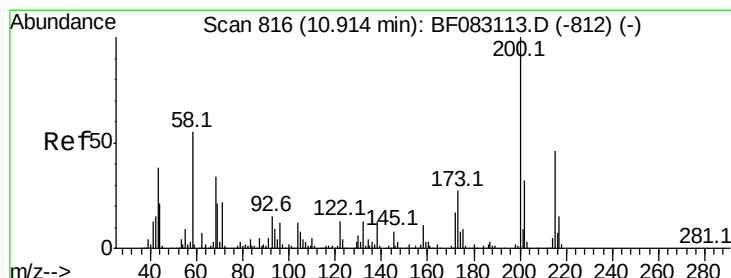
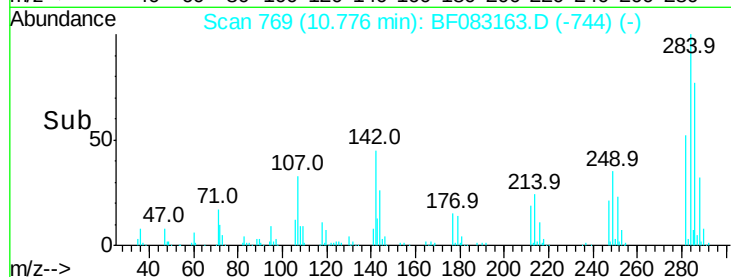
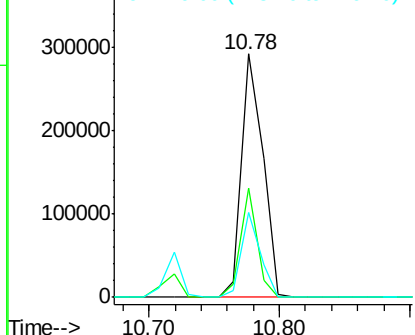
#67
Hexachlorobenzene
Concen: 37.32 ng
RT: 10.78 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SP3503DL

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.9	27.6	41.4#
249	35.1	25.5	38.3

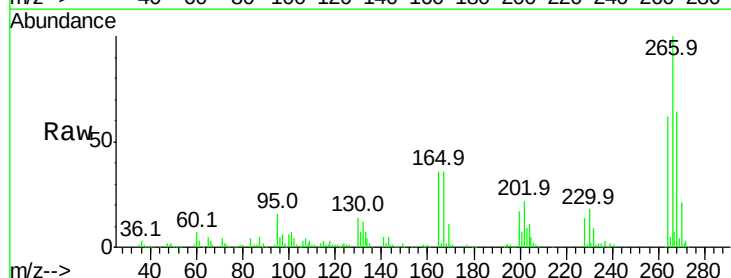


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

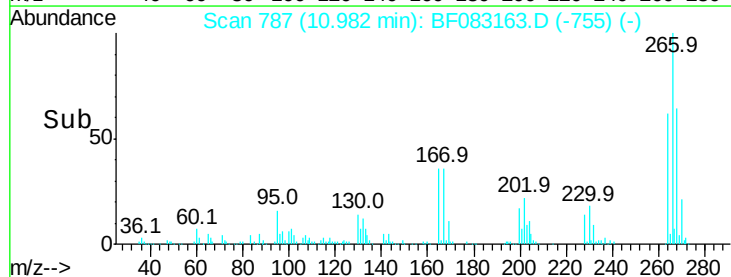
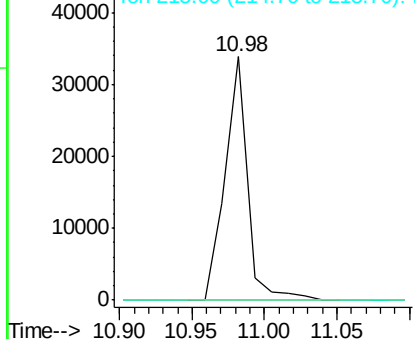


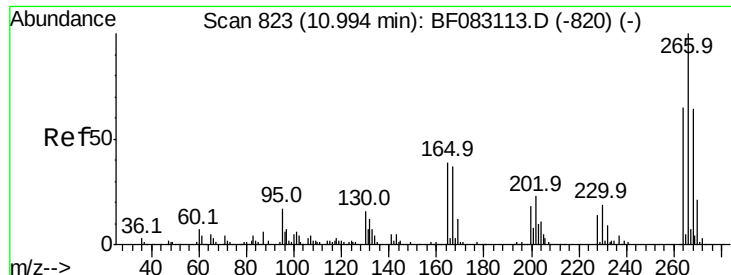
#68
Atrazine
Concen: 5.09 ng
RT: 10.98 min Scan# 787
Delta R.T. 0.07 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	7.2	47.2#
215	0.0	25.7	65.7#



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

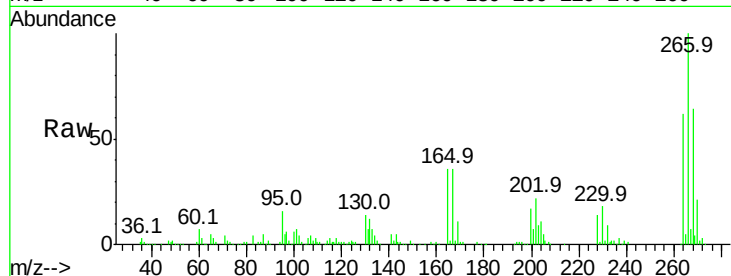




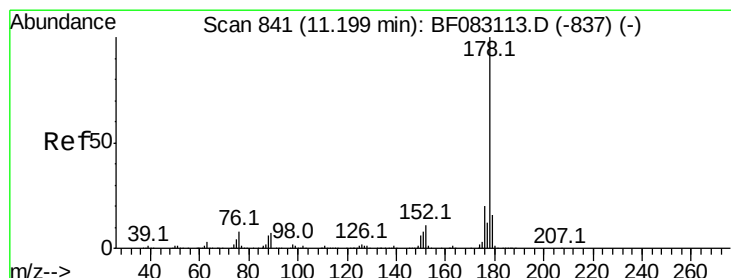
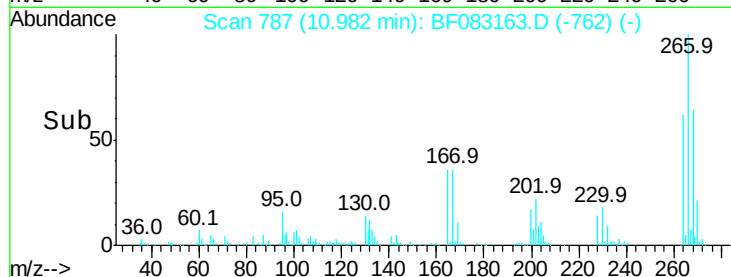
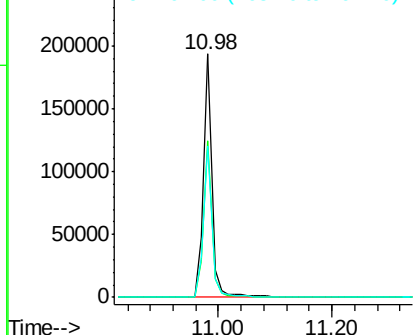
#69
 Pentachlorophenol
 Concen: 33.89 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampled :
 SP3503DL

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.4	77.0
264	62.3	51.7	77.5

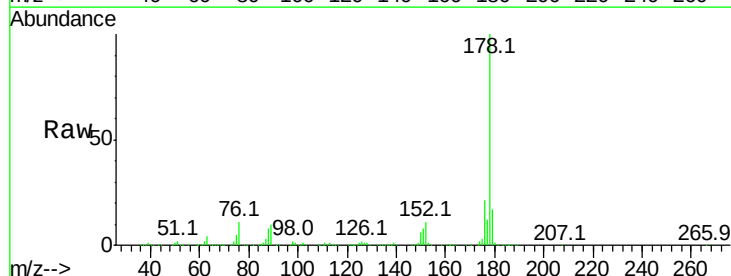


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

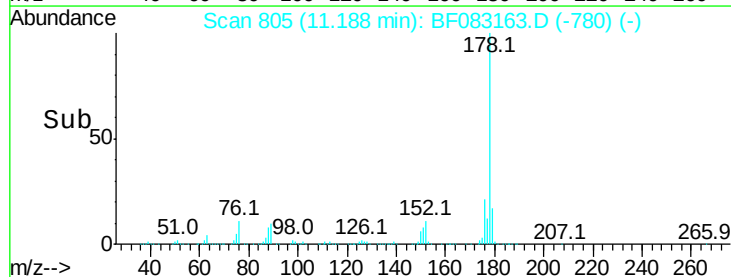
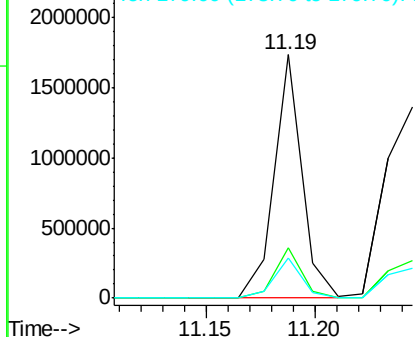


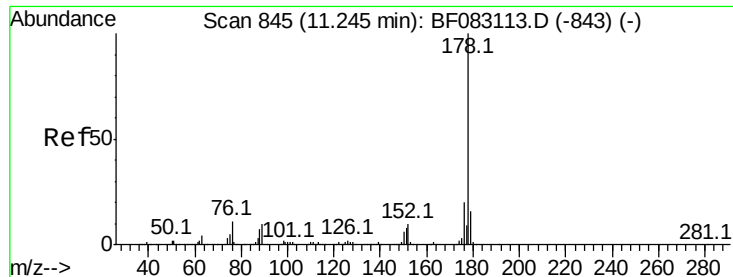
#70
 Phenanthrene
 Concen: 37.47 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.2
179	16.6	12.8	19.2



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

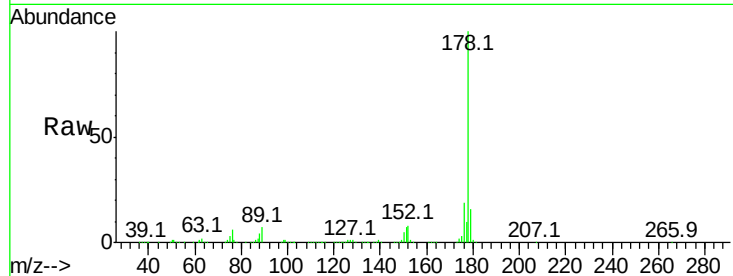




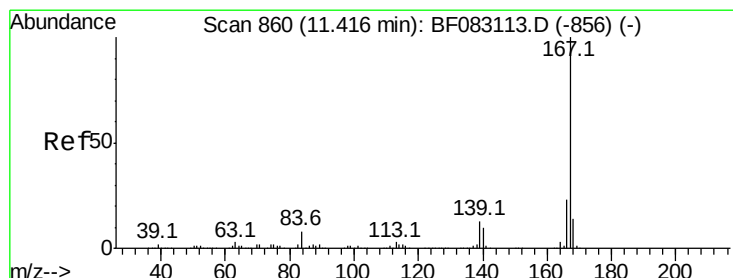
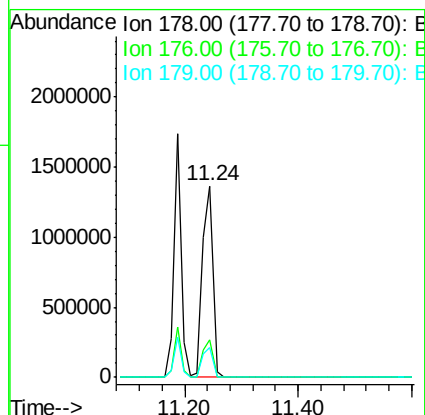
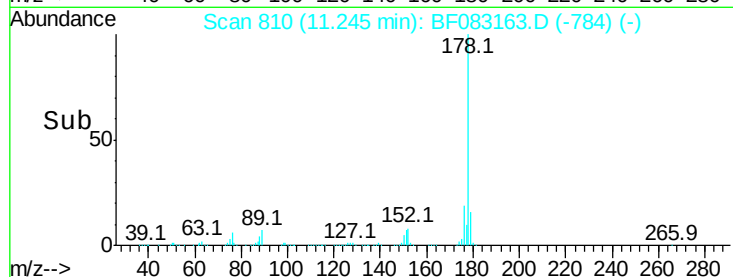
#71
 Anthracene
 Concen: 39.56 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SP3503DL

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

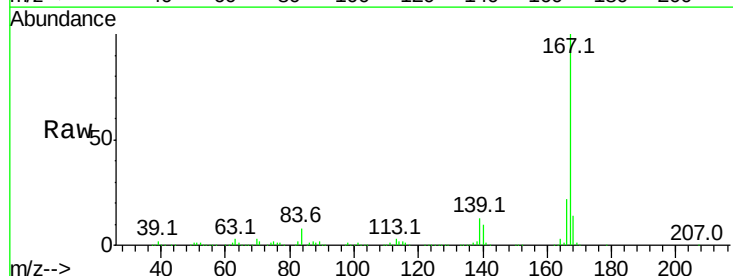


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

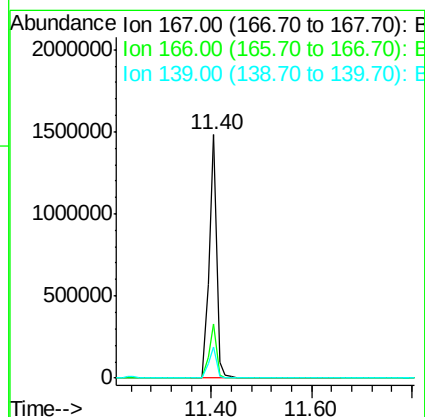
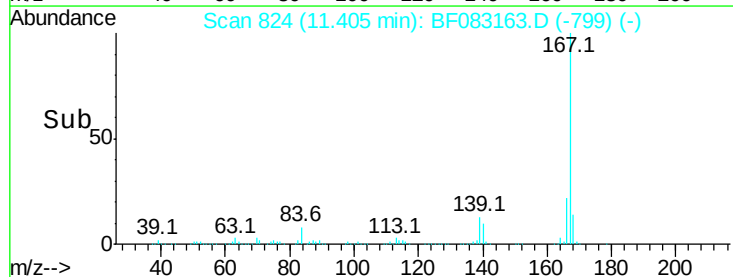


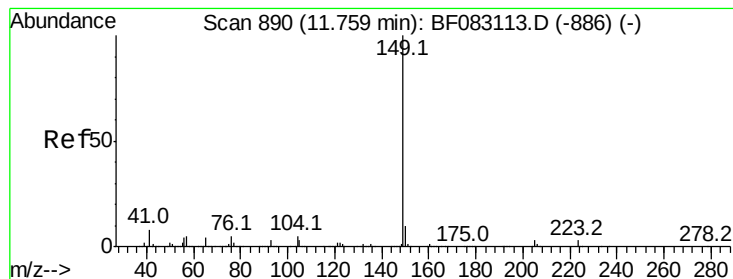
#72
 Carbazole
 Concen: 39.86 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083163.D
 Acq: 22 Nov 2015 17:15

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

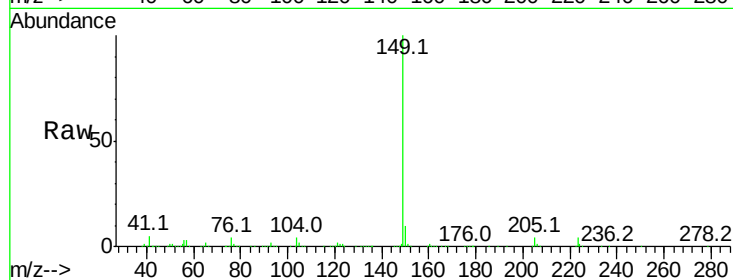
Tot Ion:149 Resp: 1815223

Ion Ratio Lower Upper

149 100

150 9.5 8.0 12.0

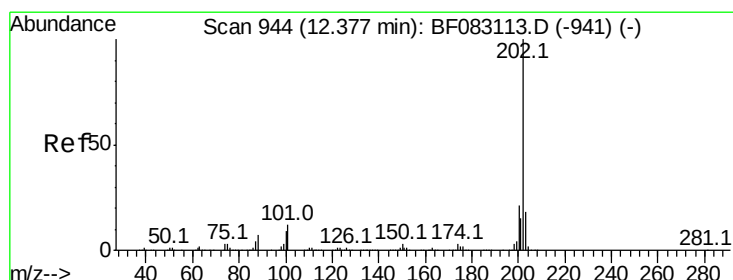
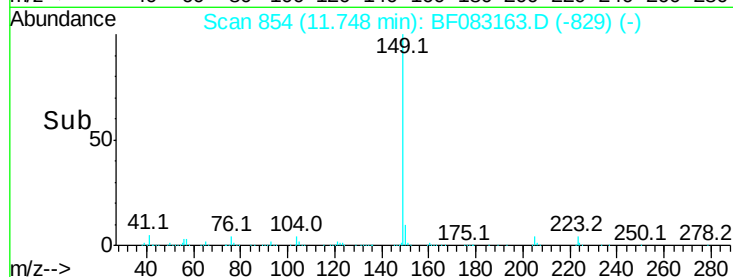
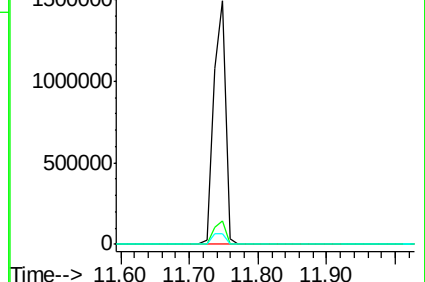
104 4.2 4.4 6.6#



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

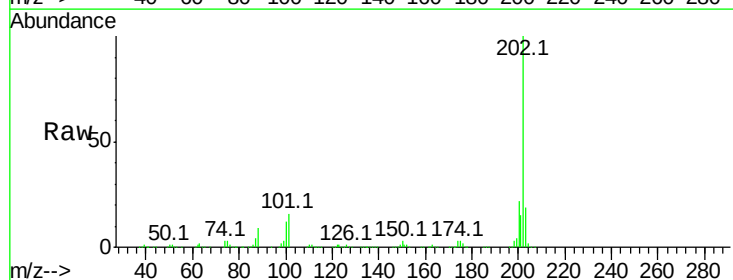
Tgt Ion:202 Resp: 1600513

Ion Ratio Lower Upper

202 100

101 15.6 0.0 32.3

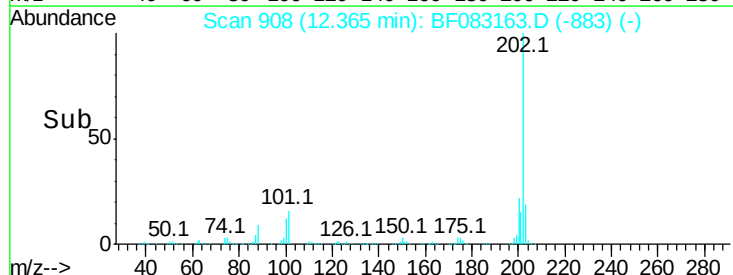
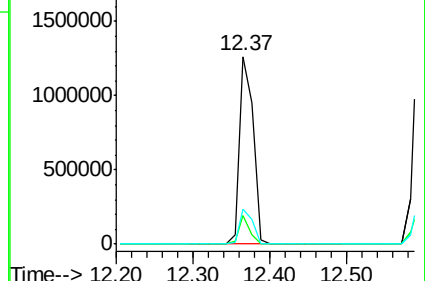
203 18.5 0.0 38.4

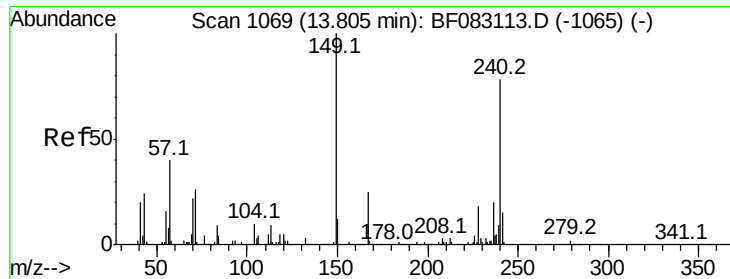


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083163.D

Acq: 22 Nov 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SP3503DL

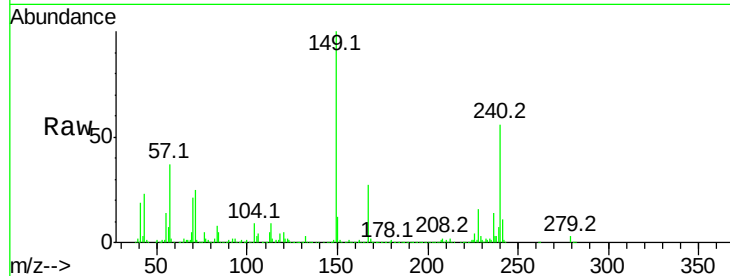
Tot Ion:240 Resp: 577367

Ion Ratio Lower Upper

240 100

120 8.7 5.4 8.2#

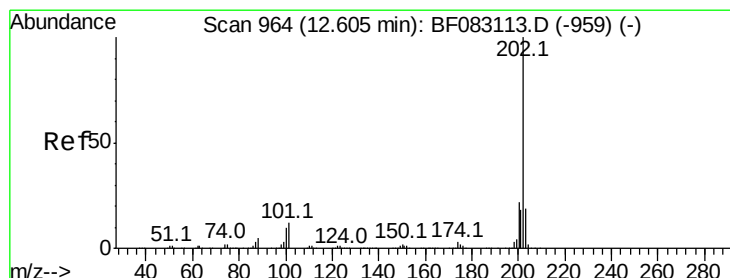
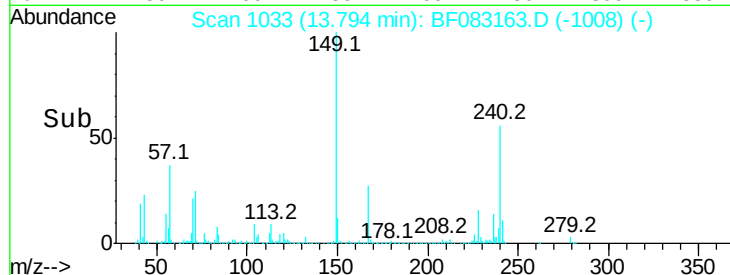
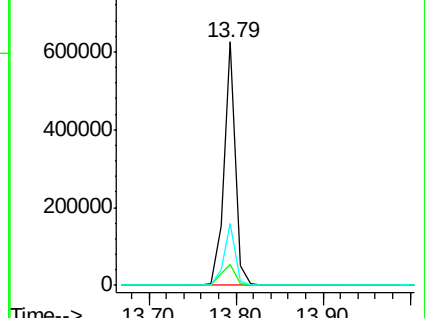
236 25.3 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

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

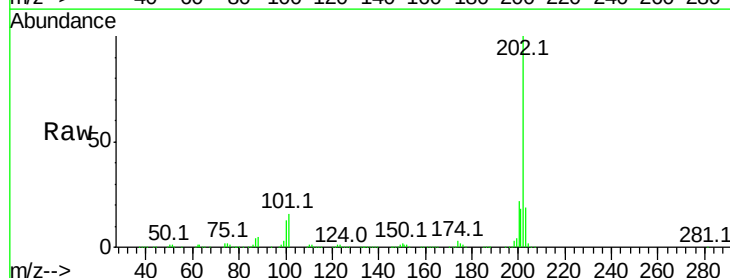
Tgt Ion:202 Resp: 1614148

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

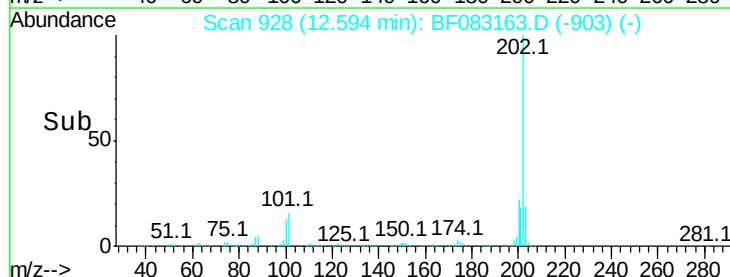
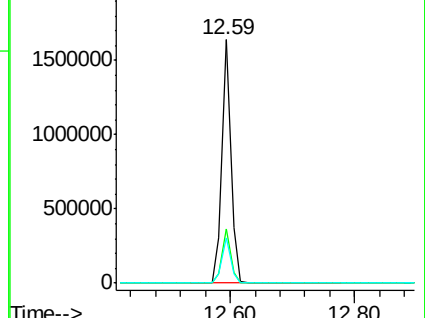
203 18.8 15.0 22.4

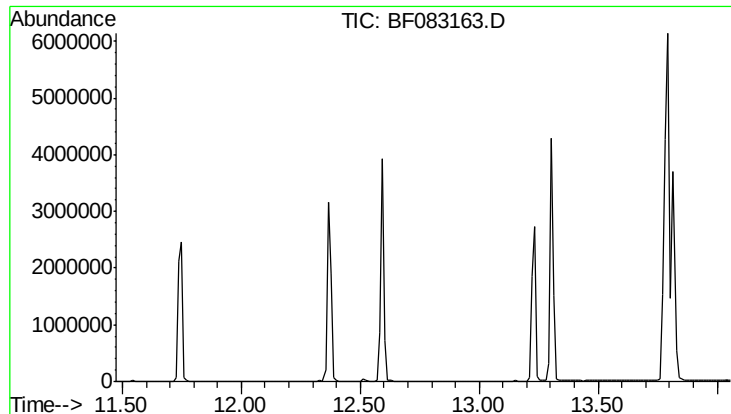


Abundance Ion 202.00 (201.70 to 202.70): E

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

Tot Ion: 244

Sig Exp Ratio

244 100

212 6.8

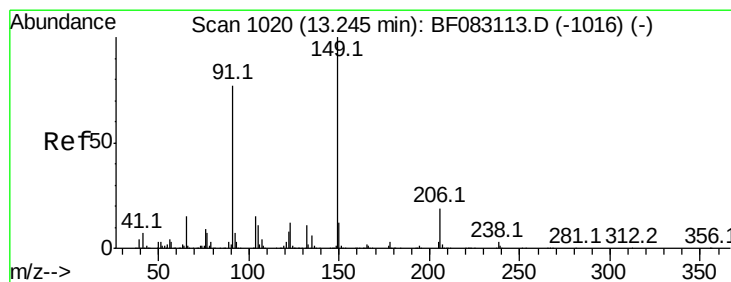
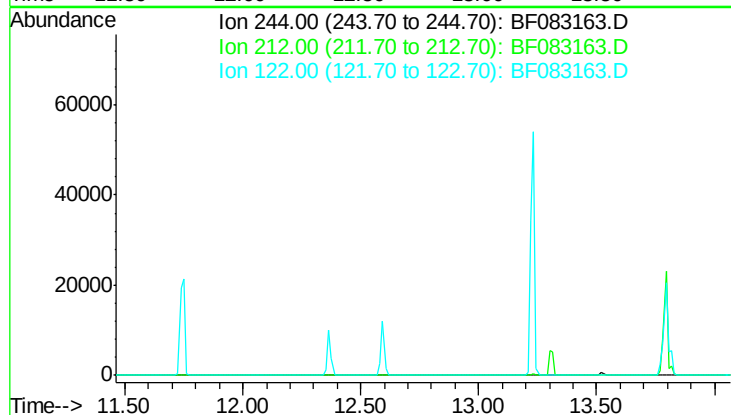
122 5.4

Instrument :

BNA_F

ClientSampleId :

SP3503DL



#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

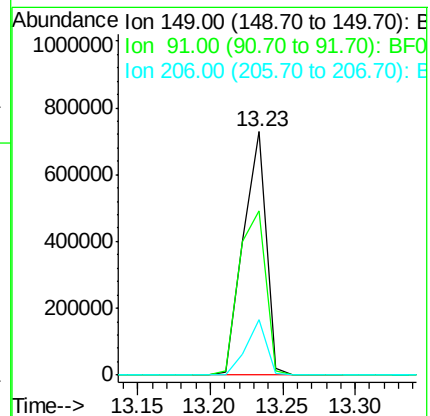
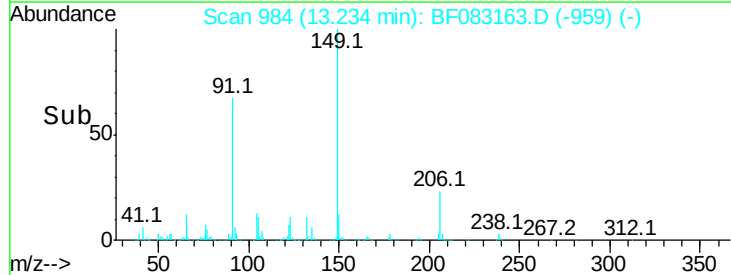
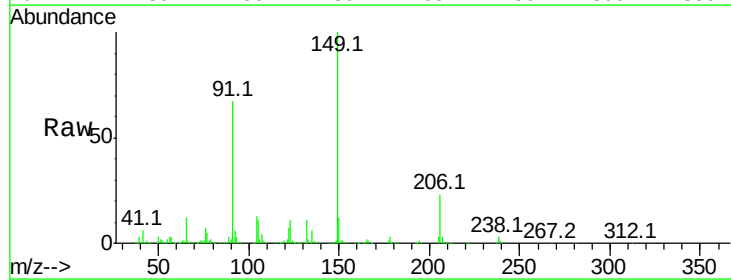
Tgt Ion:149 Resp: 797820

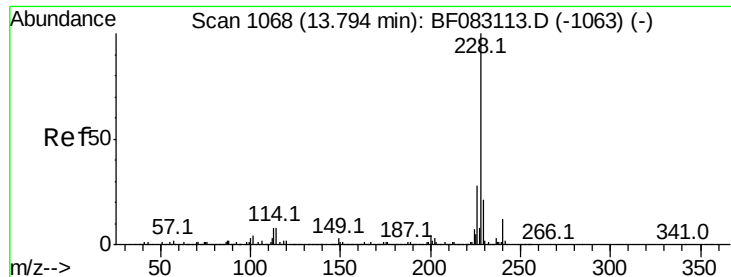
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

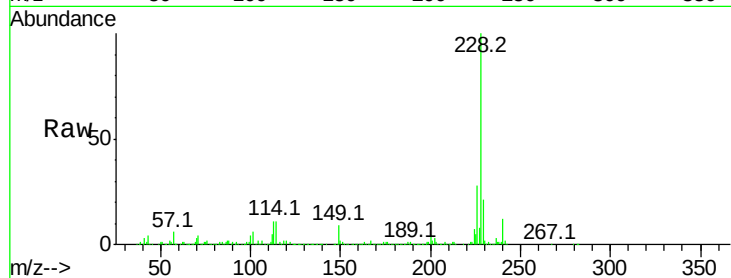
Tot Ion:228 Resp: 1515236

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

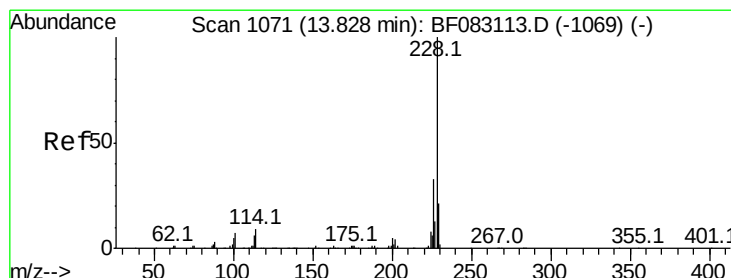
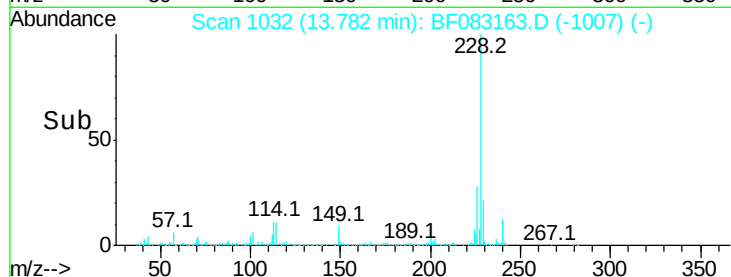
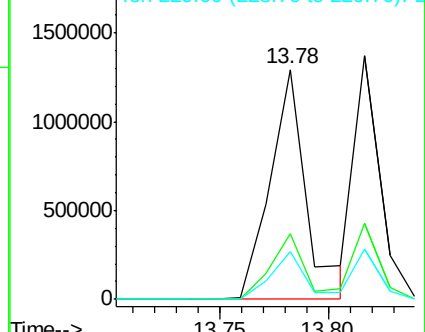
229 20.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 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

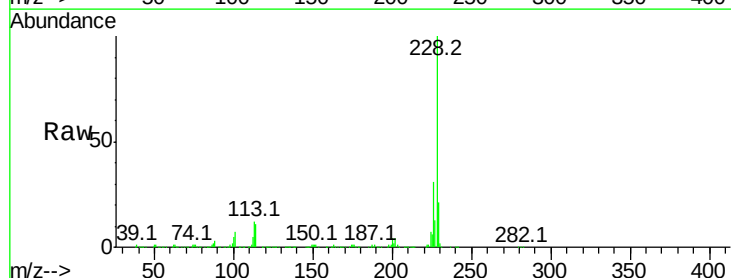
Tgt Ion:228 Resp: 1136769

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

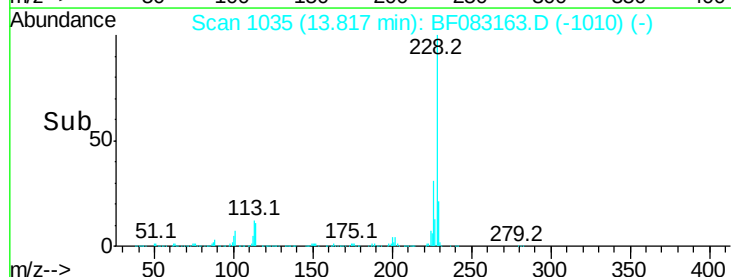
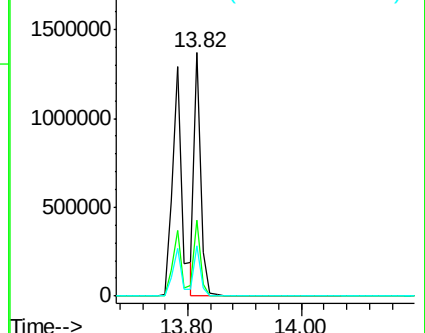
229 20.9 16.6 25.0

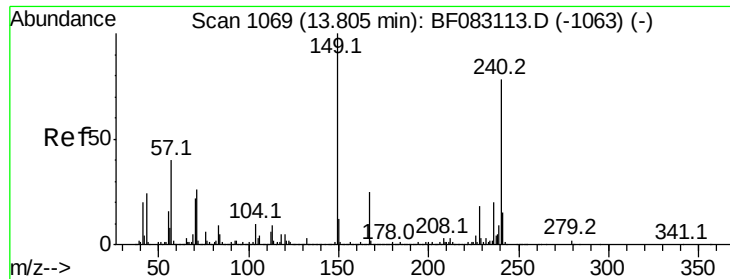


Abundance Ion 228.00 (227.70 to 228.70): E

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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

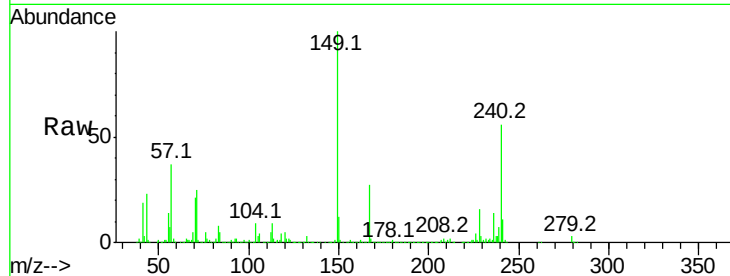
Tot Ion:149 Resp: 1029488

Ion Ratio Lower Upper

149 100

167 27.1 20.1 30.1

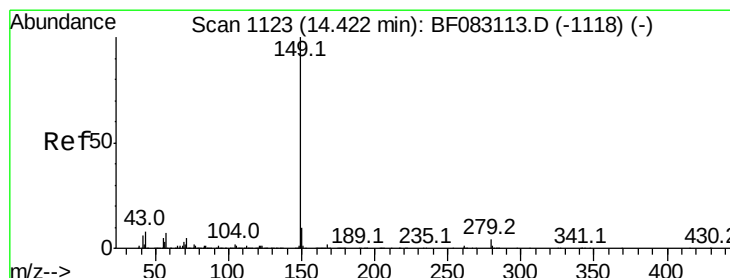
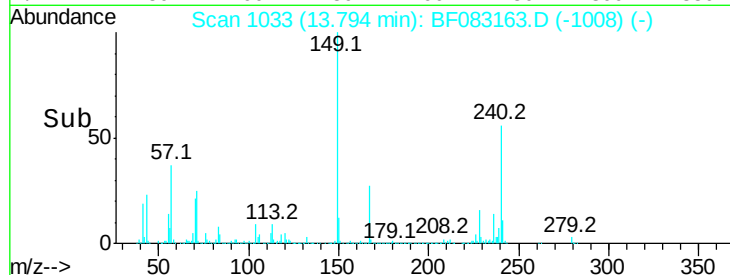
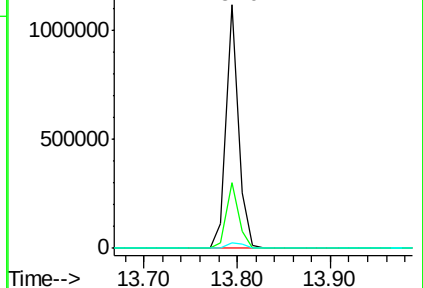
279 2.5 1.7 2.5#



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

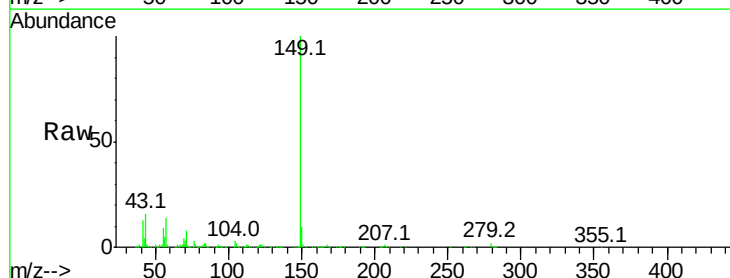
Tgt Ion:149 Resp: 1747647

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

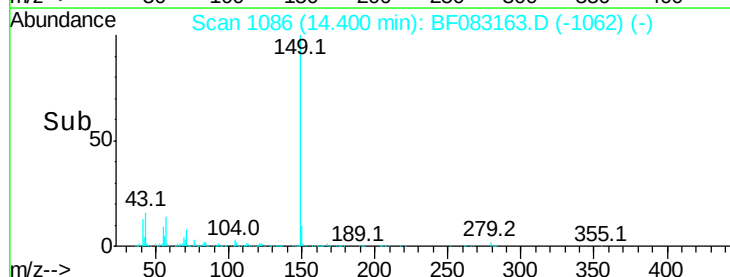
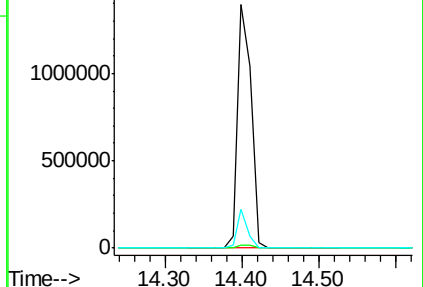
43 12.5 9.5 14.3

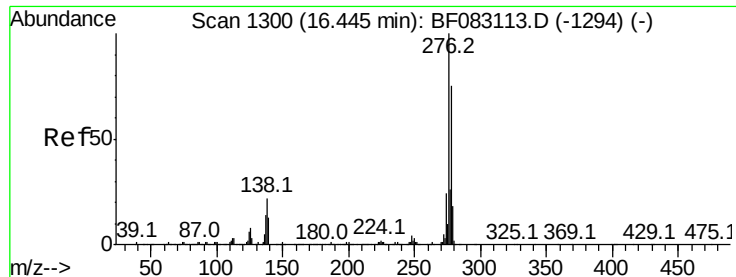


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

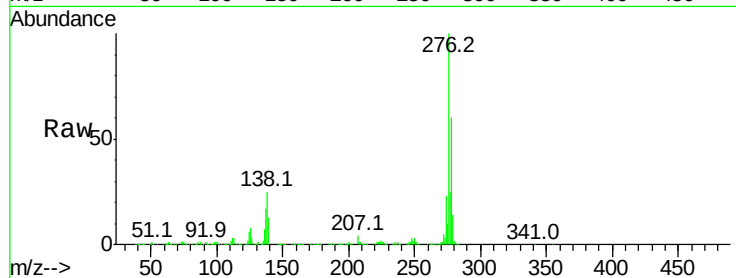
Tot Ion:276 Resp: 1135034

Ion Ratio Lower Upper

276 100

138 25.7 18.0 27.0

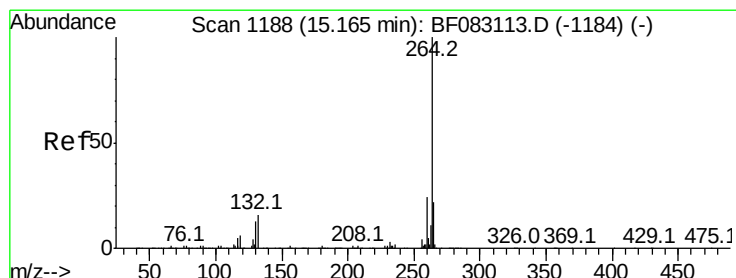
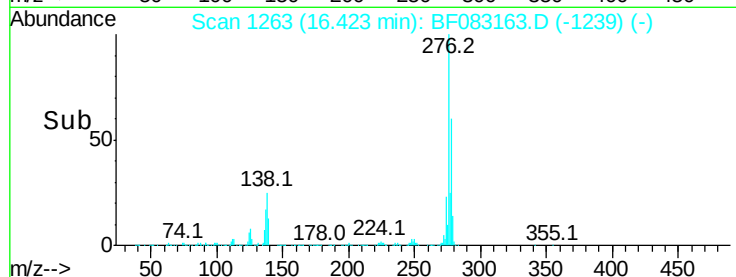
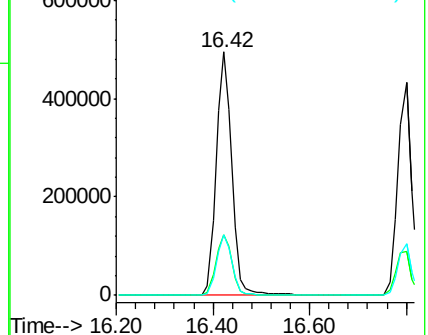
277 24.7 20.2 30.4



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

Perylene-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

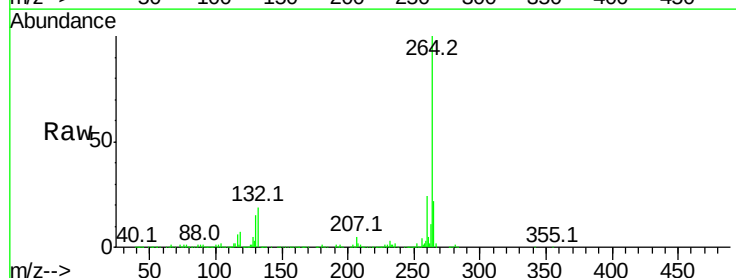
Tgt Ion:264 Resp: 479050

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

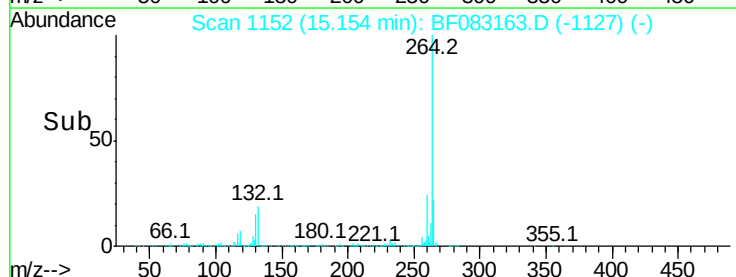
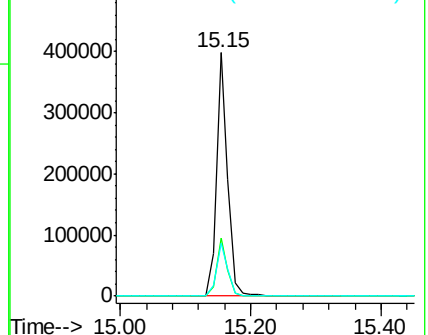
265 21.9 18.2 27.4

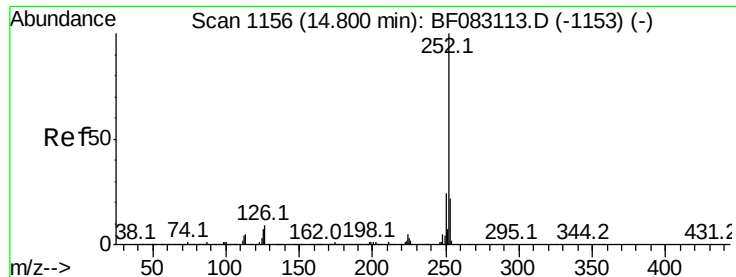


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

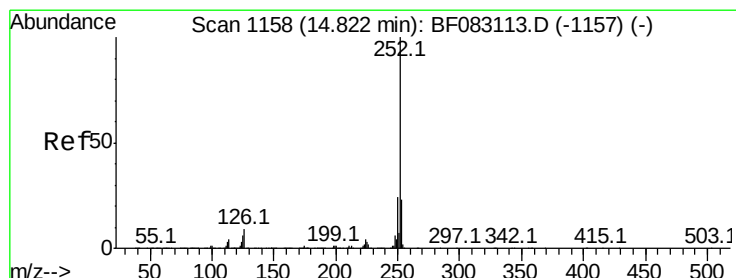
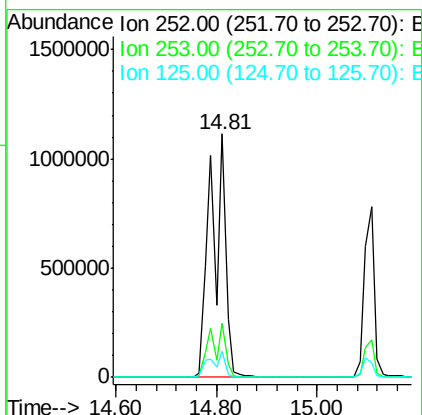
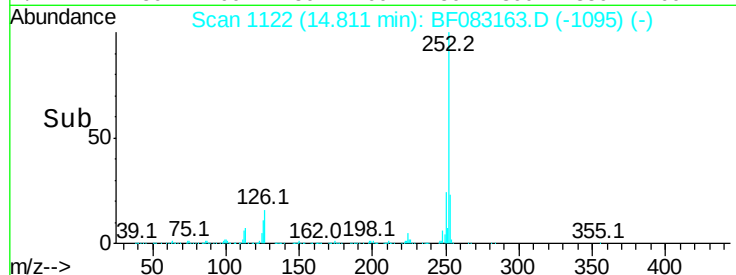
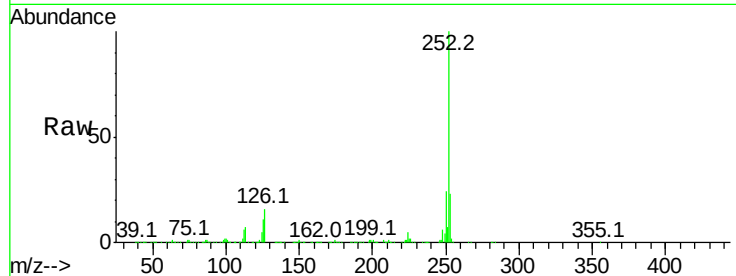




#87
Benzo(b)fluoranthene
Concen: 69.67 ng
RT: 14.81 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF083163.D
Acq: 22 Nov 2015 17:15

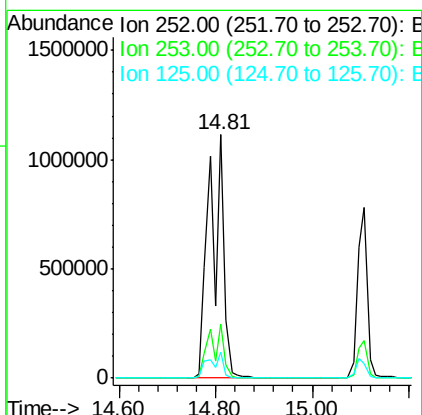
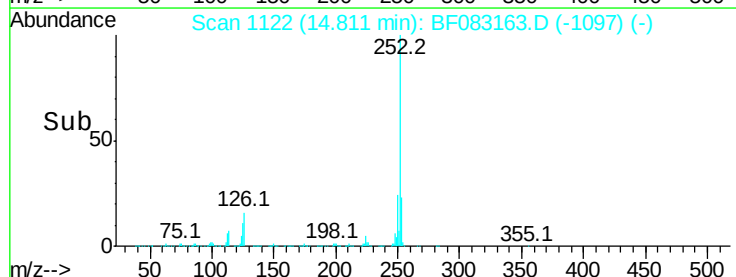
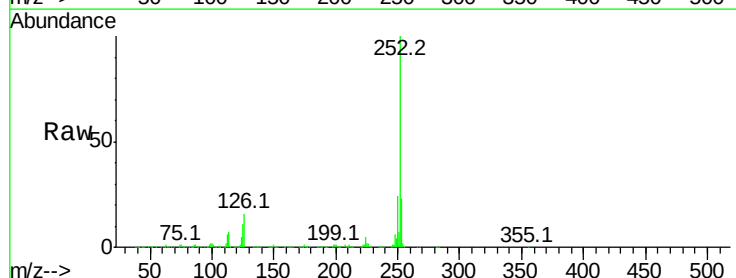
Instrument :
BNA_F
ClientSampleId :
SP3503DL

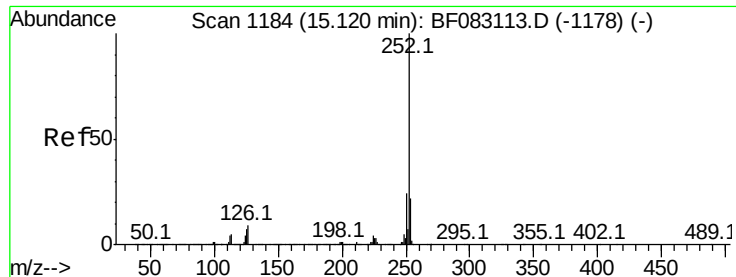
Tot Ion:252 Resp: 2280321
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.8 5.6 8.4#



#88
Benzo(k)fluoranthene
Concen: 93.52 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: 2280789
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.8 6.8 10.2#





#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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

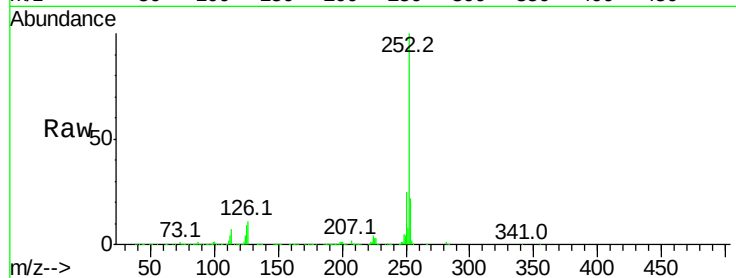
Tot Ion:252 Resp: 1081282

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

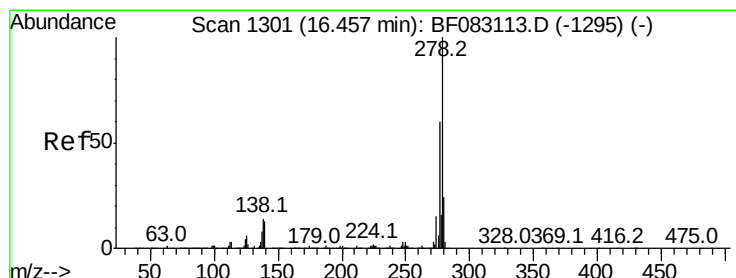
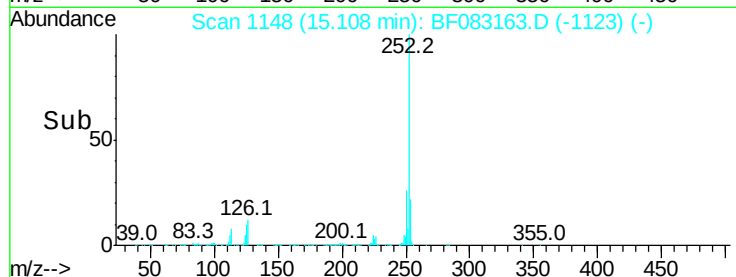
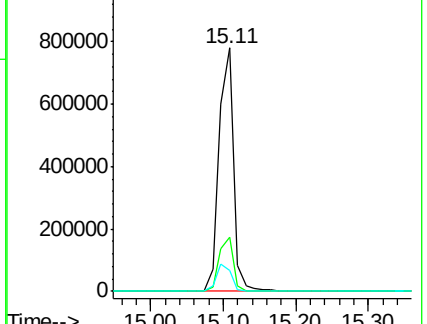
125 8.5 5.4 8.0#



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



#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

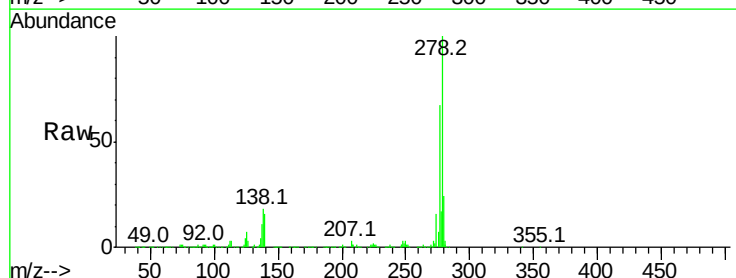
Tgt Ion:278 Resp: 960456

Ion Ratio Lower Upper

278 100

139 16.2 10.7 16.1#

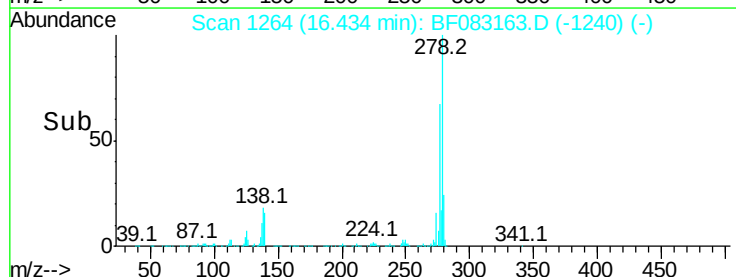
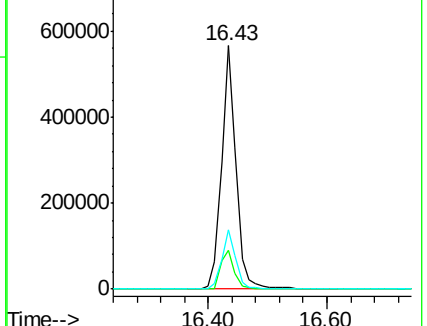
279 24.3 19.3 28.9

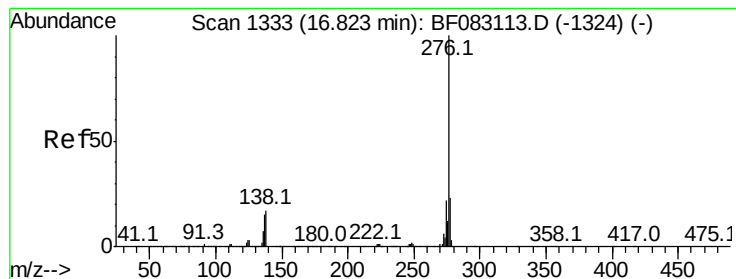


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,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

Instrument :

BNA_F

ClientSampleId :

SP3503DL

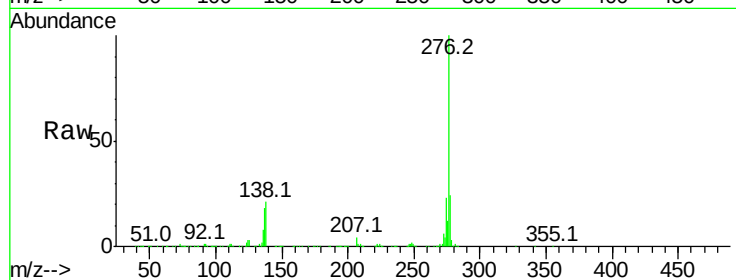
Tot Ion:276 Resp: 914870

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

