

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083335.D
 Acq On : 27 Nov 2015 18:05
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 18:29:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 18:13:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	166968	20.00	ng	0.01
21) Naphthalene-d8	7.86	136	616800	20.00	ng	0.01
38) Acenaphthene-d10	9.60	164	302383	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	549083	20.00	ng	0.00
75) Chrysene-d12	13.69	240	318834	20.00	ng	0.00
86) Perylene-d12	15.04	264	329212	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1754606	76.12	ng	0.01
7) Phenol-d6	6.25	99	2261426	74.56	ng	0.01
23) Nitrobenzene-d5	7.15	82	2202386	78.68	ng	0.01
41) 2,4,6-Tribromophenol	10.40	330	483525	87.57	ng	0.01
44) 2-Fluorobiphenyl	8.95	172	3243536	76.01	ng	0.01
78) Terphenyl-d14	12.66	244	2575855	82.79	ng	0.01

Target Compounds

						Qvalue
3) Pyridine	2.60	79	1265944	89.30	ng	95
4) n-Nitrosodimethylamine	2.58	42	639773	89.74	ng	91
6) Aniline	6.24	93	1554928	75.22	ng	93
8) 2-Chlorophenol	6.36	128	927205	74.66	ng	87
9) Benzaldehyde	6.10	77	471583	57.65	ng	94
10) Phenol	6.26	94	1464810	80.92	ng	# 75
11) bis(2-Chloroethyl)ether	6.32	93	1013576	74.94	ng	96
12) 1,3-Dichlorobenzene	6.50	146	999700	72.94	ng	98
13) 1,4-Dichlorobenzene	6.58	146	1009943	70.40	ng	98
14) 1,2-Dichlorobenzene	6.74	146	942566	71.53	ng	99
15) Benzyl Alcohol	6.74	79	901926	77.50	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1725148	73.38	ng	82
17) 2-Methylphenol	6.87	107	805013	80.02	ng	98
18) Hexachloroethane	7.07	117	390187	77.19	ng	# 78
19) n-Nitroso-di-n-propylamine	7.02	70	828162	77.73	ng	97
20) 3+4-Methylphenols	7.03	107	1077142	79.05	ng	97
22) Acetophenone	7.00	105	1471183	80.71	ng	# 94
24) Nitrobenzene	7.16	77	1068437	70.00	ng	98
25) Isophorone	7.42	82	2177153	81.11	ng	99
26) 2-Nitrophenol	7.48	139	531009	86.48	ng	96
27) 2,4-Dimethylphenol	7.54	122	790510	76.31	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	1312647	87.46	ng	99
29) 2,4-Dichlorophenol	7.74	162	779030	79.04	ng	100
30) 1,2,4-Trichlorobenzene	7.80	180	827346	76.74	ng	99
31) Naphthalene	7.88	128	2650281	78.22	ng	97
32) Benzoic acid	7.72	122	516215	105.72	ng	94
33) 4-Chloroaniline	7.94	127	991959	69.49	ng	97
34) Hexachlorobutadiene	8.01	225	479862	77.78	ng	98
35) Caprolactam	8.35	113	231536	83.17	ng	95
36) 4-Chloro-3-methylphenol	8.44	107	815291	75.02	ng	90
37) 2-Methylnaphthalene	8.57	142	1565312	70.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	809479	82.87	ng	99
40) Hexachlorocyclopentadiene	8.73	237	415379	101.27	ng	99
42) 2,4,6-Trichlorophenol	8.86	196	544083	80.13	ng	99

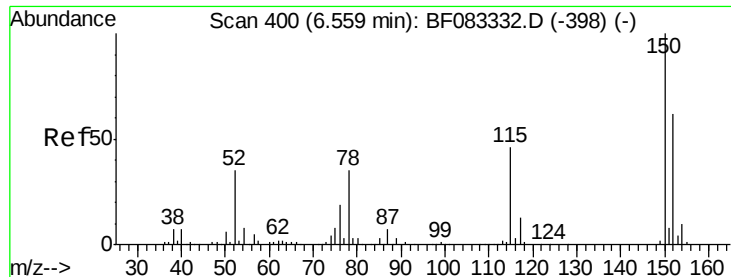
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 18:13:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.91	196	565574	81.97	nq	99
45) 1,1'-Biphenyl	9.04	154	1836883	67.06	nq	93
46) 2-Chloronaphthalene	9.06	162	1632010	80.10	nq	95
47) 2-Nitroaniline	9.16	65	593604	75.56	nq	96
48) Acenaphthylene	9.47	152	2492530	78.13	nq	98
49) Dimethylphthalate	9.36	163	1775512	77.16	nq	100
50) 2,6-Dinitrotoluene	9.42	165	468014	93.04	nq	# 67
51) Acenaphthene	9.64	154	1543783	83.83	nq	99
52) 3-Nitroaniline	9.59	138	512966	88.39	nq	93
53) 2,4-Dinitrophenol	9.69	184	193953	128.07	nq	# 70
54) Dibenzofuran	9.82	168	2037013	76.53	nq	96
55) 4-Nitrophenol	9.77	139	306634	106.57	nq	87
56) 2,4-Dinitrotoluene	9.82	165	550221	87.40	nq	# 83
57) Fluorene	10.15	166	1454078	66.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	453066	84.91	nq	96
59) Diethylphthalate	10.04	149	1620514	73.15	nq	96
60) 4-Chlorophenyl-phenylether	10.15	204	699978	69.10	nq	94
61) 4-Nitroaniline	10.20	138	463601	86.52	nq	95
62) Azobenzene	10.31	77	2134028	77.26	nq	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	330520	111.31	nq	88
65) n-Nitrosodiphenylamine	10.27	169	1406293	69.17	nq	98
66) 4-Bromophenyl-phenylether	10.63	248	469185	75.01	nq	# 81
67) Hexachlorobenzene	10.70	284	512819	73.15	nq	99
68) Atrazine	10.81	200	431893	78.41	nq	96
69) Pentachlorophenol	10.89	266	278700	93.26	nq	99
70) Phenanthrene	11.10	178	2402107	73.41	nq	99
71) Anthracene	11.15	178	2299606	68.16	nq	98
72) Carbazole	11.31	167	1974022	69.80	nq	98
73) Di-n-butylphthalate	11.66	149	2504785	74.73	nq	99
74) Fluoranthene	12.27	202	2227212	73.55	nq	96
76) Benzidine	12.41	184	876099	77.76	nq	# 94
77) Pyrene	12.50	202	2155200	82.13	nq	98
79) Butylbenzylphthalate	13.14	149	950208	100.48	nq	# 86
80) Benzo(a)anthracene	13.68	228	1705112	85.31	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	516881	81.47	nq	# 98
82) Chrysene	13.73	228	1659625	88.13	nq	100
83) Bis(2-ethylhexyl)phthalate	13.70	149	1102114	90.19	nq	# 97
84) Di-n-octyl phthalate	14.31	149	1708399	85.29	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.26	276	1890717	85.92	nq	96
87) Benzo(b)fluoranthene	14.71	252	2800145	124.28	nq	# 96
88) Benzo(k)fluoranthene	14.71	252	2800145	159.61	nq	# 97
89) Benzo(a)pyrene	14.98	252	1380524	76.58	nq	# 93
90) Dibenzo(a,h)anthracene	16.27	278	1539688	76.10	nq	98
91) Benzo(g,h,i)perylene	16.62	276	1591863	78.02	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampled :

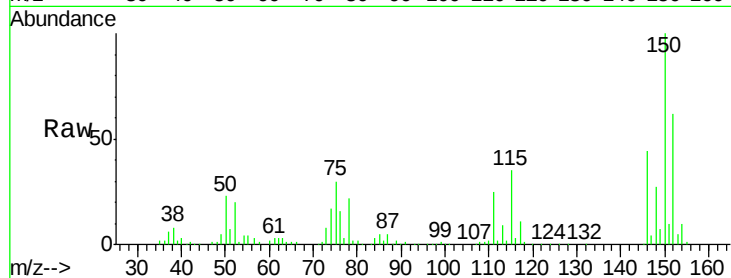
Tot Ion:152 Resp: 166968

Ion Ratio Lower Upper

152 100

150 160.9 125.8 188.8

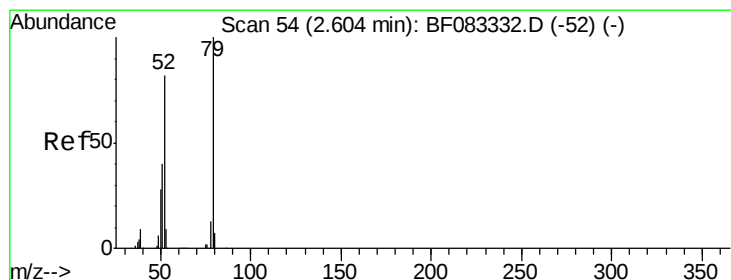
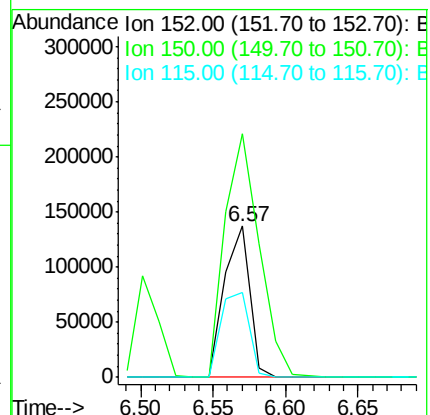
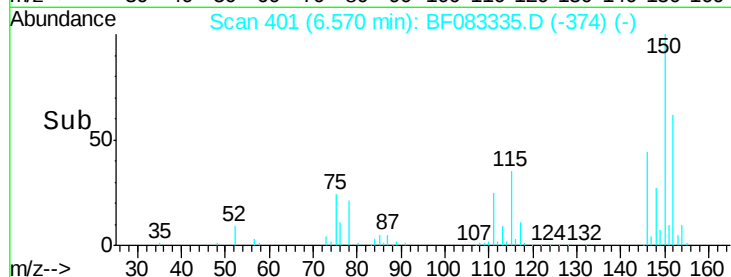
115 56.1 46.9 70.3



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: 89.30 ng

RT: 2.60 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

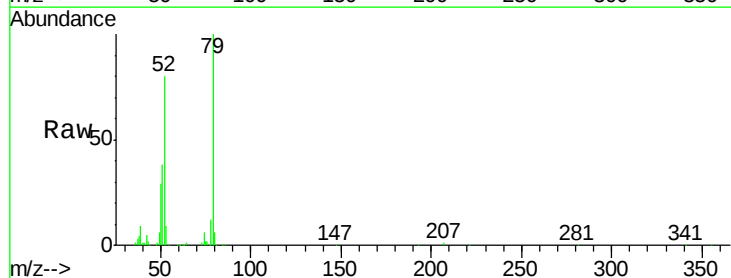
Tgt Ion: 79 Resp: 1265944

Ion Ratio Lower Upper

79 100

52 80.2 60.7 91.1

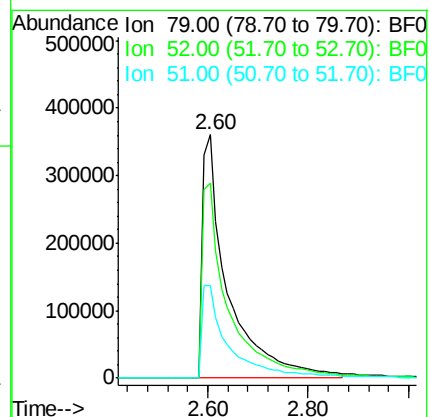
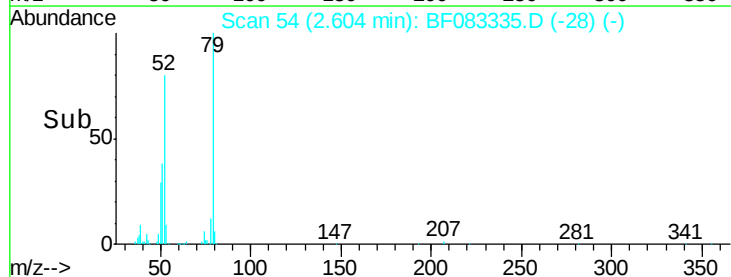
51 38.1 27.9 41.9

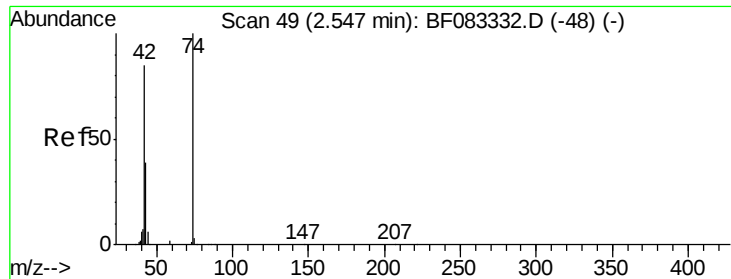


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



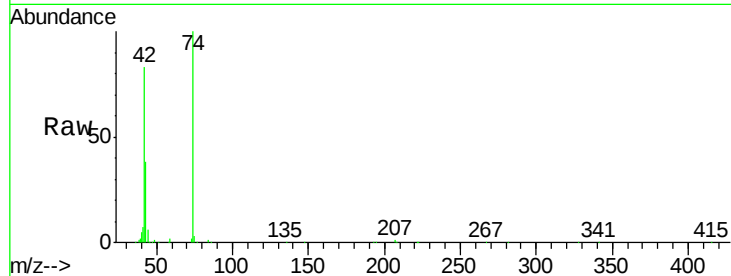


#4

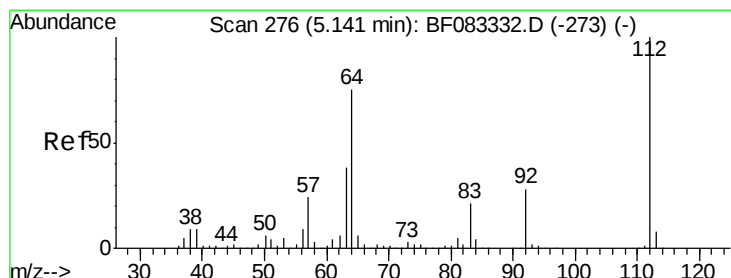
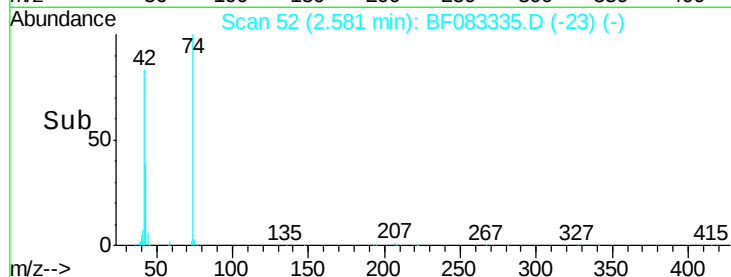
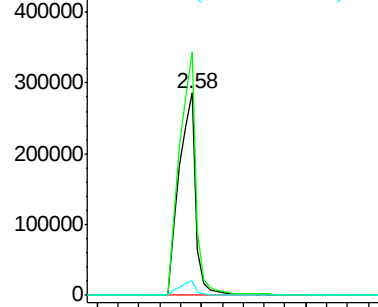
n-Nitrosodimethylamine
 Concen: 89.74 ng
 RT: 2.58 min Scan# 52
 Delta R.T. 0.03 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 639773
 Ion Ratio Lower Upper
 42 100
 74 120.4 104.8 157.2
 44 7.1 6.2 9.4



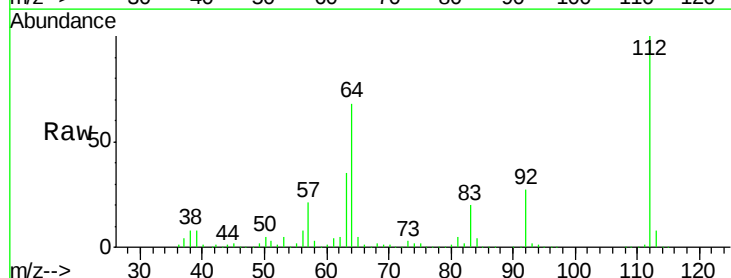
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



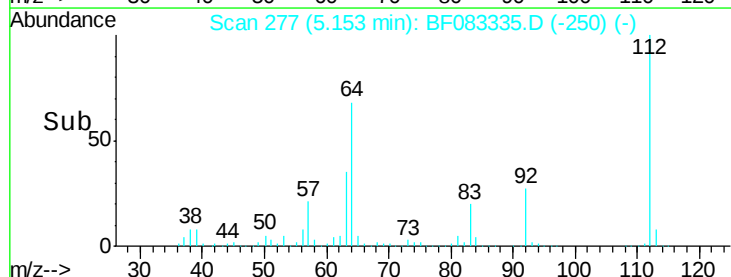
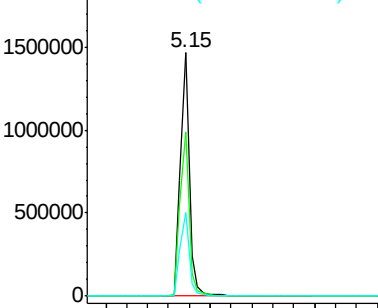
#5

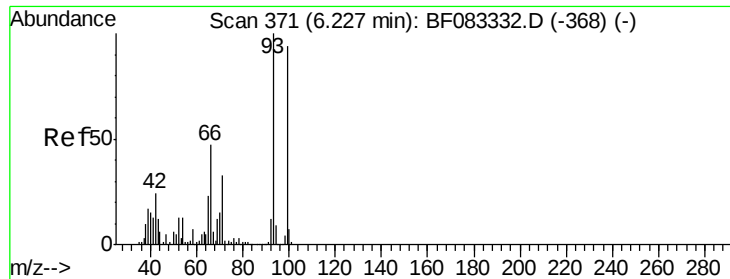
2-Fluorophenol
 Concen: 76.12 ng
 RT: 5.15 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Tgt Ion: 112 Resp: 1754606
 Ion Ratio Lower Upper
 112 100
 64 67.7 58.4 87.6
 63 34.5 30.0 45.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 75.22 ng

RT: 6.24 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

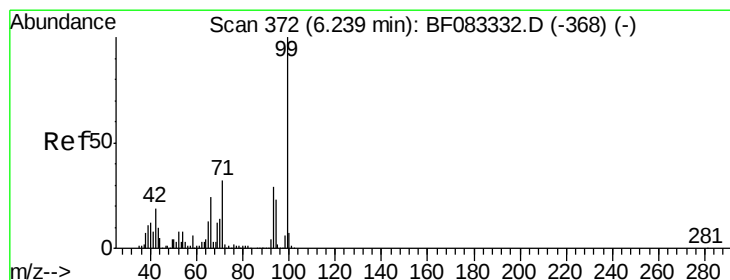
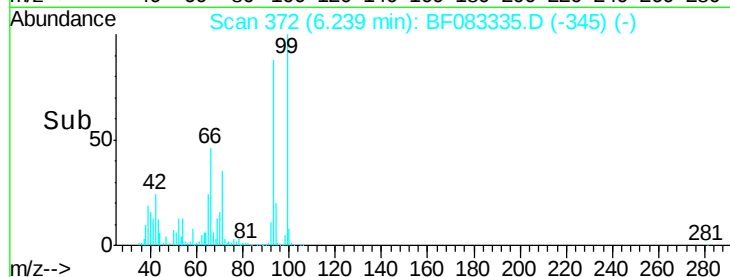
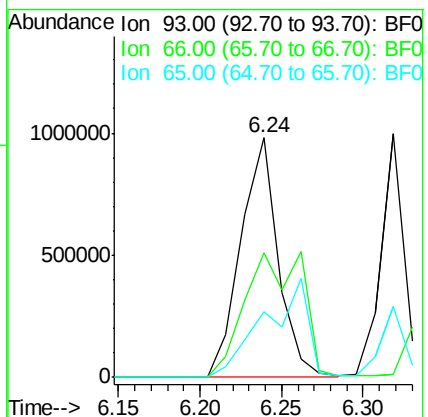
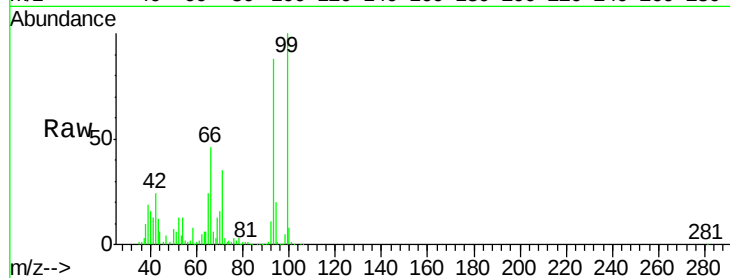
Tot Ion: 93 Resp: 1554928

Ion Ratio Lower Upper

93 100

66 52.3 38.7 58.1

65 27.4 18.6 27.8



#7

Phenol-d6

Concen: 74.56 ng

RT: 6.25 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

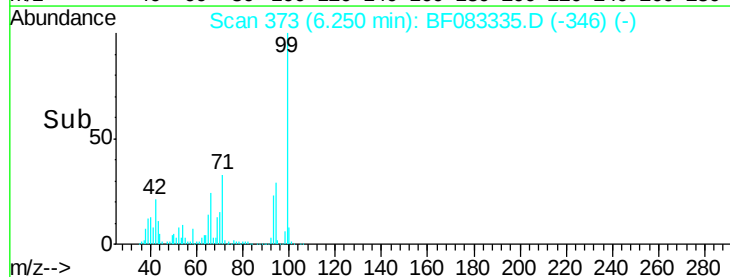
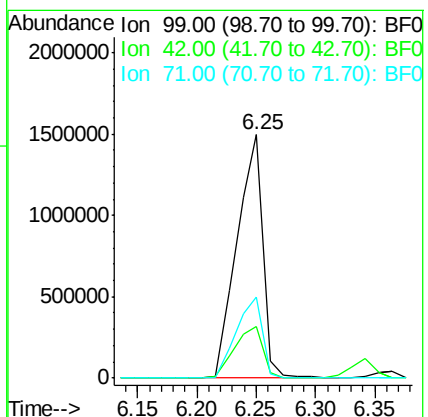
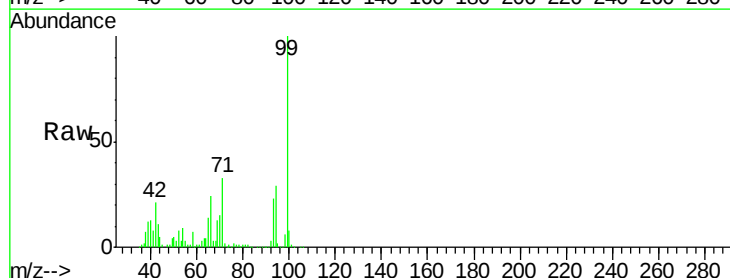
Tgt Ion: 99 Resp: 2261426

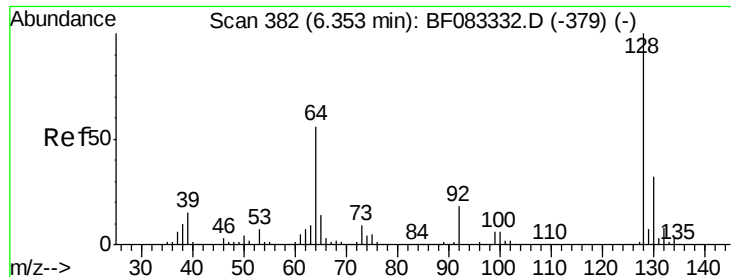
Ion Ratio Lower Upper

99 100

42 21.2 17.7 26.5

71 33.3 30.2 45.4

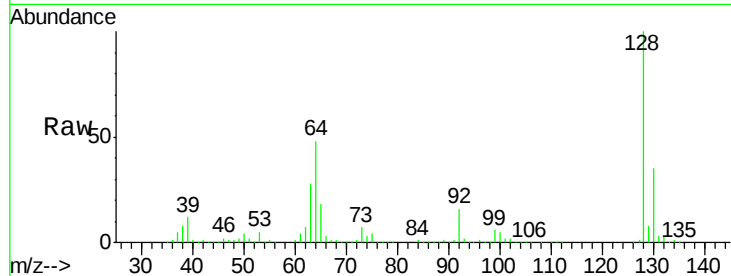




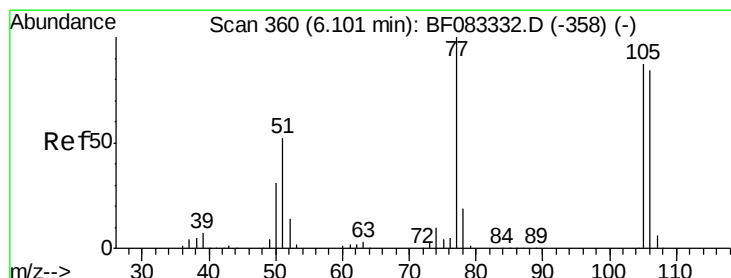
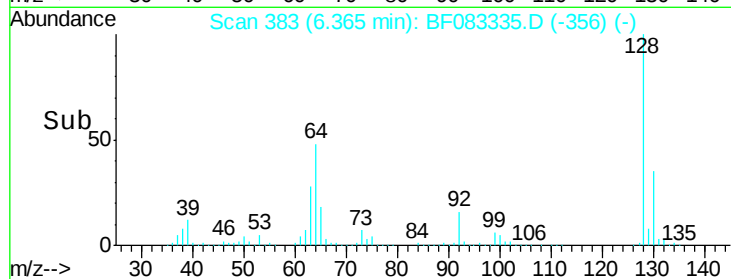
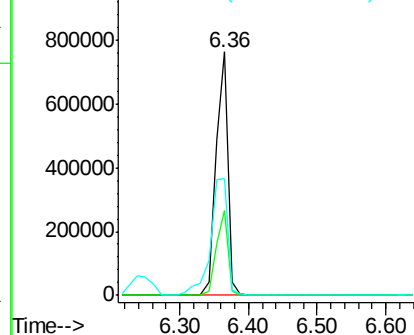
#8
2-Chlorophenol
Concen: 74.66 ng
RT: 6.36 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 927205
Ion Ratio Lower Upper
128 100
130 34.6 12.6 52.6
64 47.8 41.9 81.9

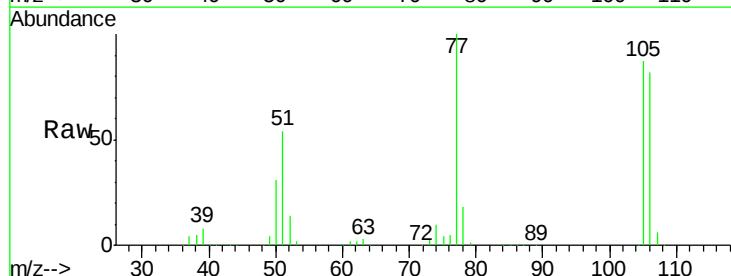


Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B

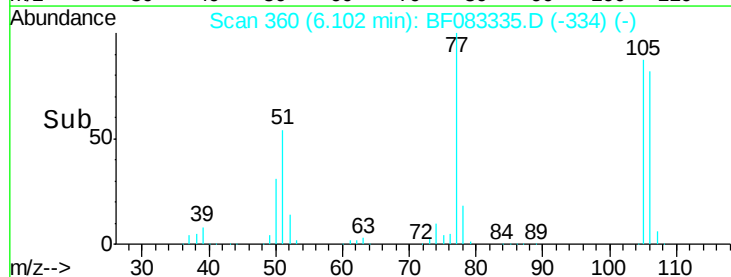
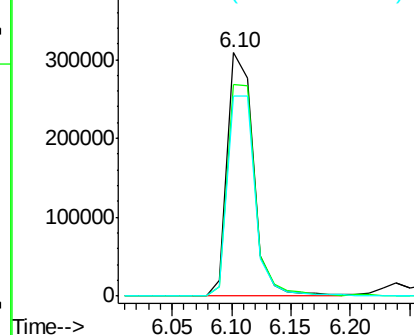


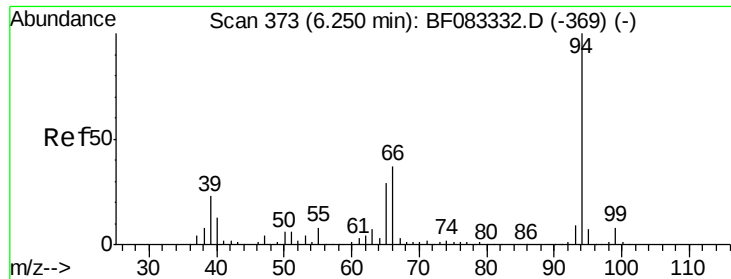
#9
Benzaldehyde
Concen: 57.65 ng
RT: 6.10 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion: 77 Resp: 471583
Ion Ratio Lower Upper
77 100
105 86.8 73.4 113.4
106 82.1 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 80.92 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

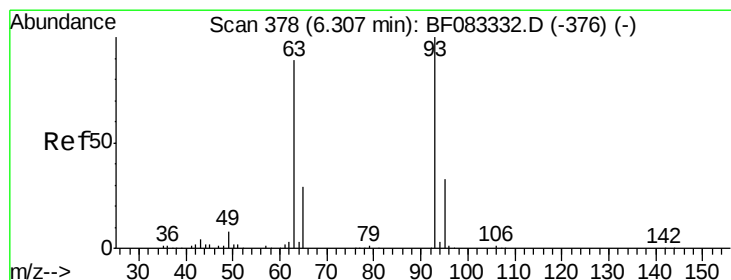
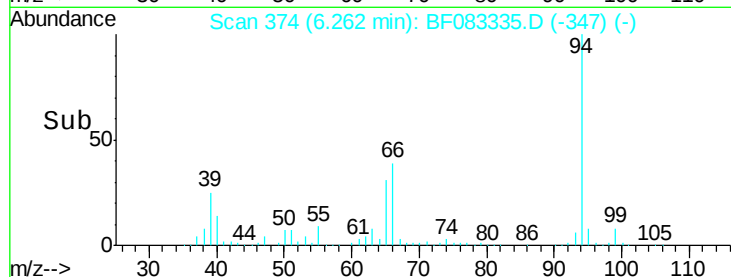
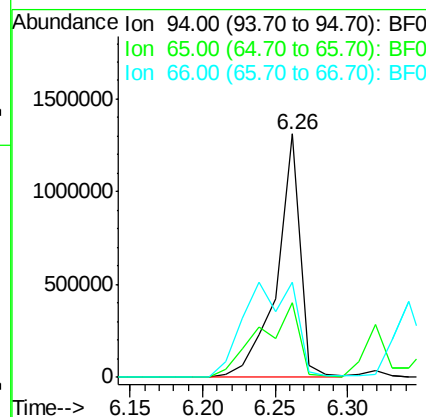
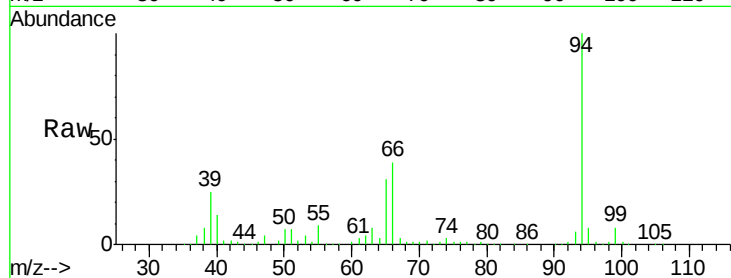
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 1464810

Ion	Ratio	Lower	Upper
94	100		
65	30.8	21.1	61.1
66	39.1	43.1	83.1#



#11

bis(2-Chloroethyl)ether

Concen: 74.94 ng

RT: 6.32 min Scan# 379

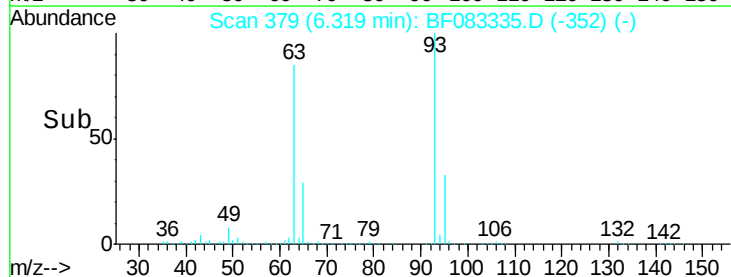
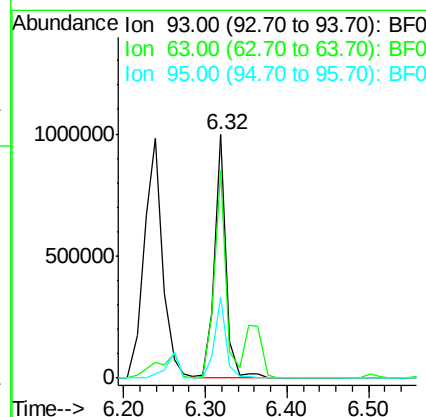
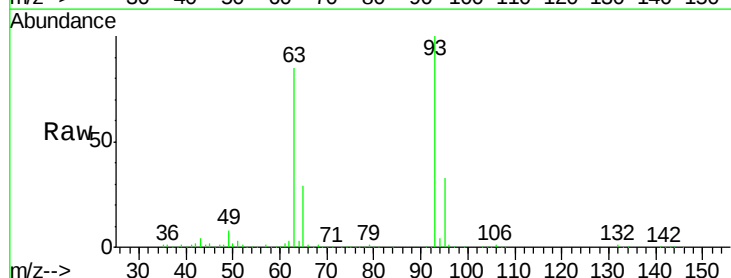
Delta R.T. 0.01 min

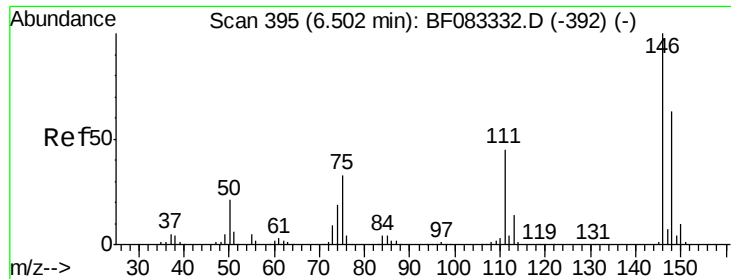
Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Tgt Ion: 93 Resp: 1013576

Ion	Ratio	Lower	Upper
93	100		
63	85.1	59.8	99.8
95	33.2	13.0	53.0





#12

1,3-Dichlorobenzene

Concen: 72.94 ng

RT: 6.50 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

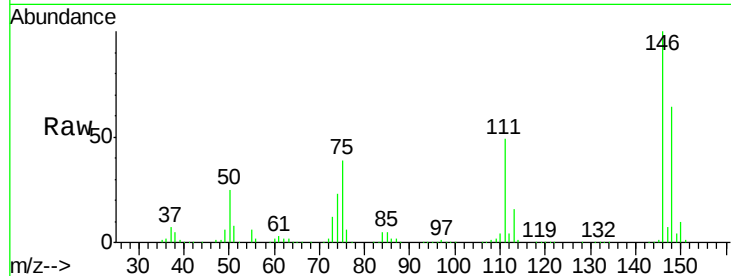
Tot Ion:146 Resp: 999700

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

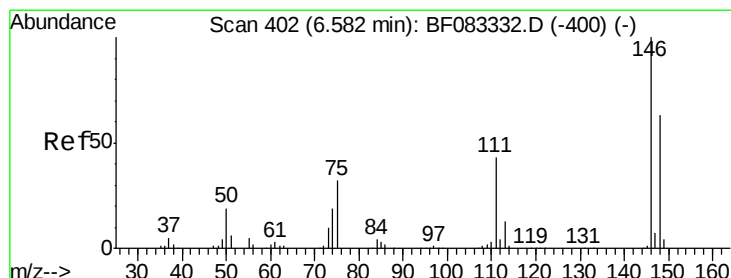
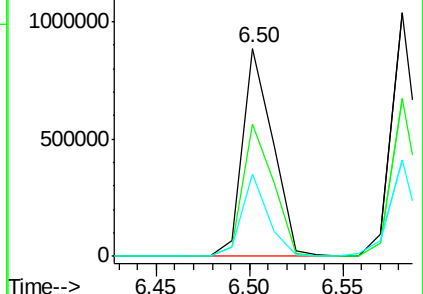
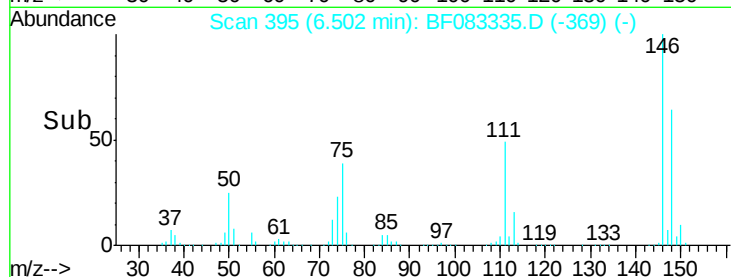
75 39.3 32.7 49.1



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): BF0



#13

1,4-Dichlorobenzene

Concen: 70.40 ng

RT: 6.58 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

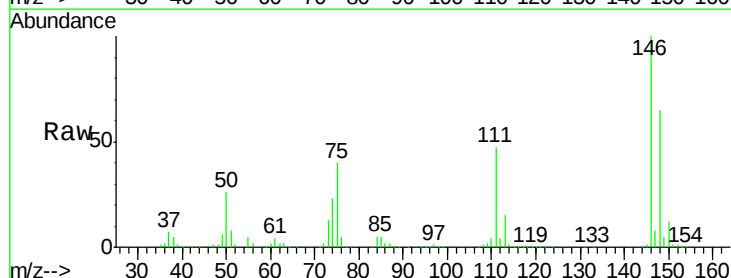
Tgt Ion:146 Resp: 1009943

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

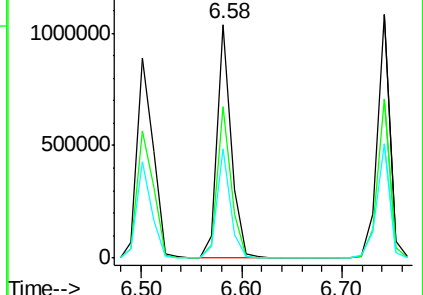
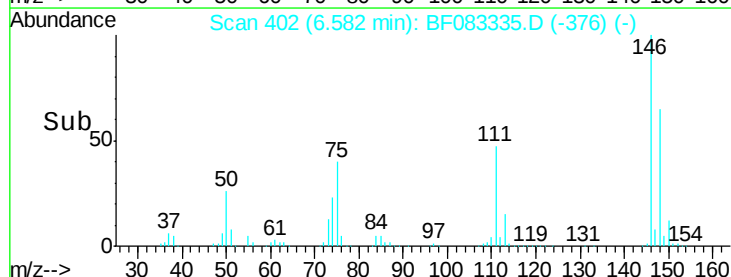
111 46.9 37.5 56.3

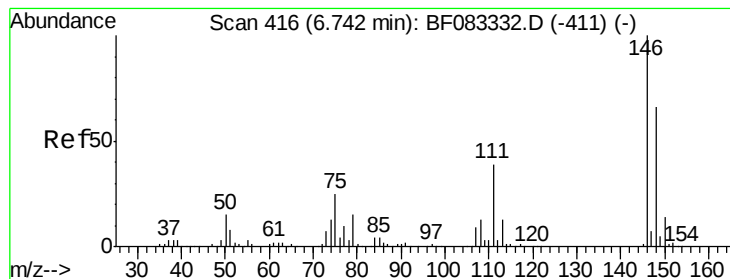


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

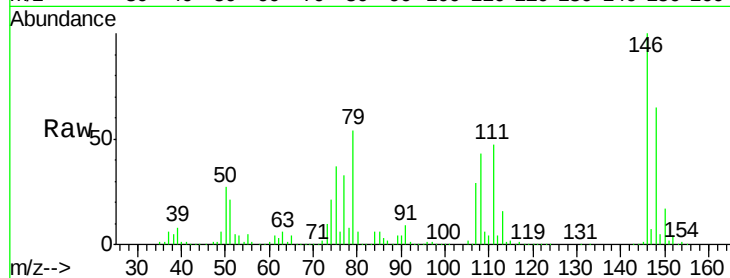




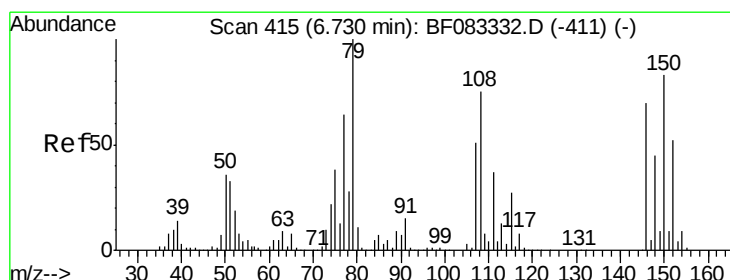
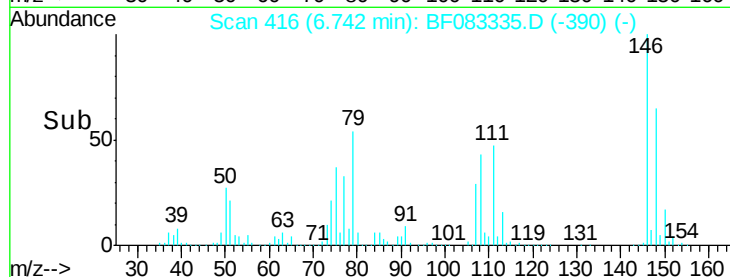
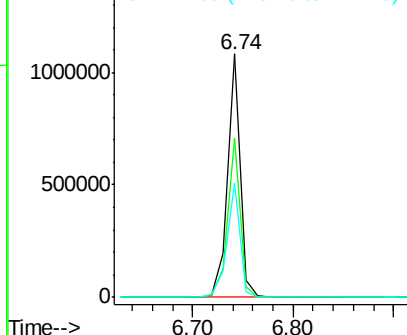
#14
 1,2-Dichlorobenzene
 Concen: 71.53 ng
 RT: 6.74 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 942566
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.6
 111 46.9 36.2 54.4

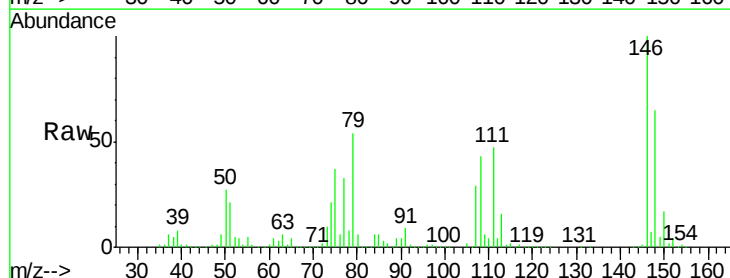


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

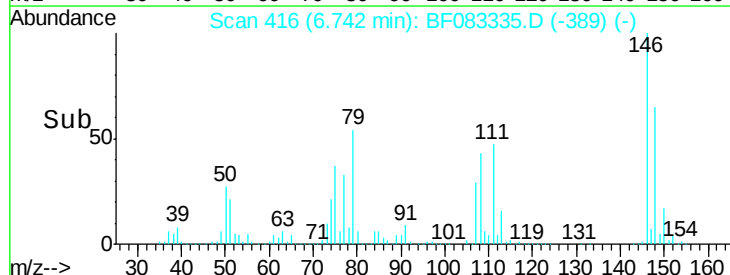
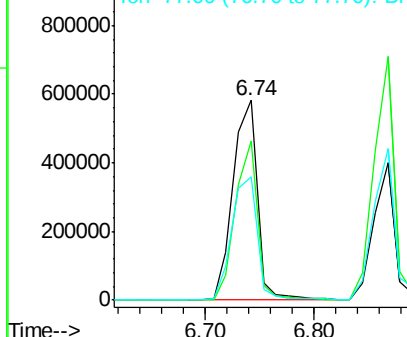


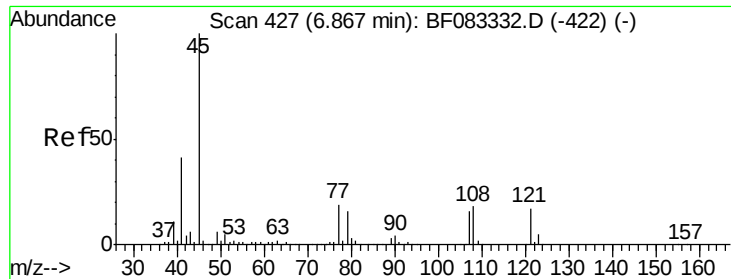
#15
 Benzyl Alcohol
 Concen: 77.50 ng
 RT: 6.74 min Scan# 416
 Delta R.T. 0.01 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Tgt Ion: 79 Resp: 901926
 Ion Ratio Lower Upper
 79 100
 108 79.4 61.4 92.2
 77 61.9 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

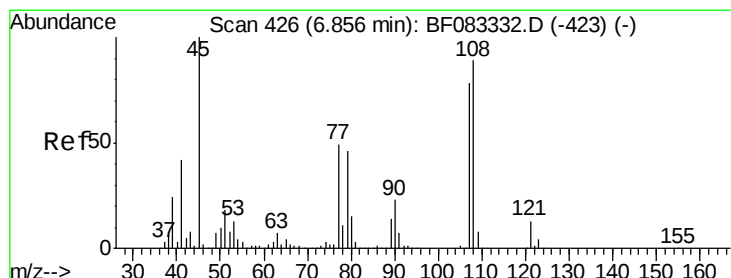
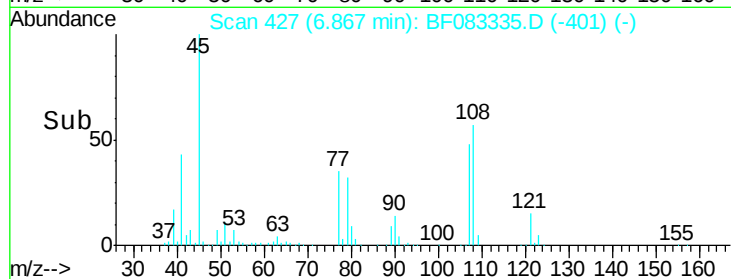
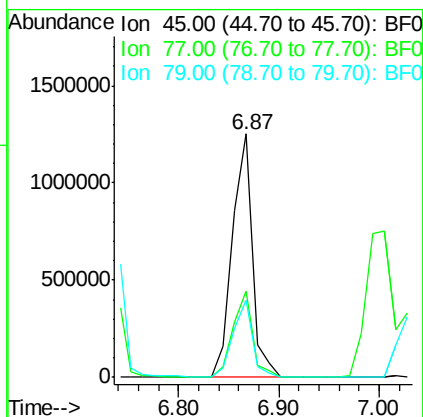
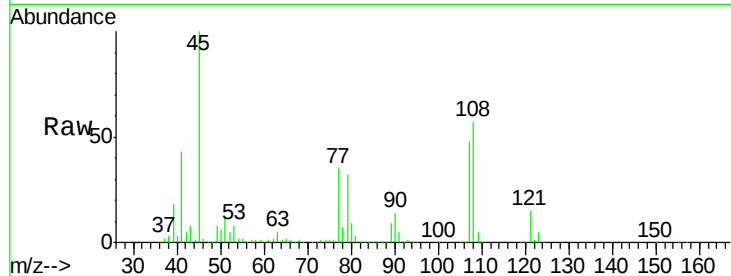




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 73.38 ng
RT: 6.87 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

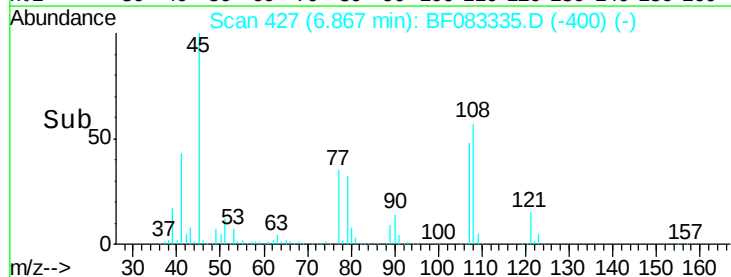
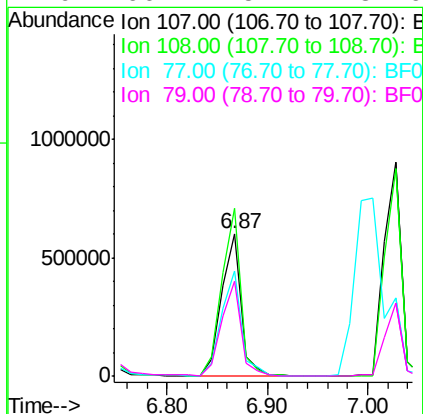
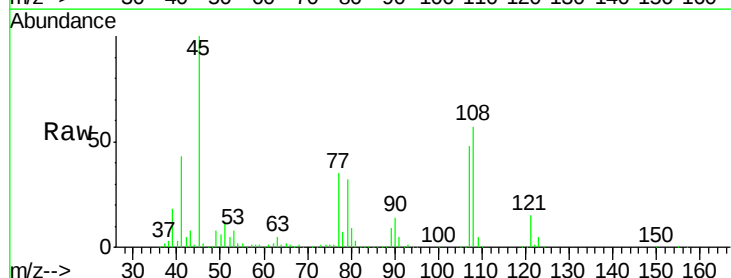
Instrument :
BNA_F
ClientSampleId :

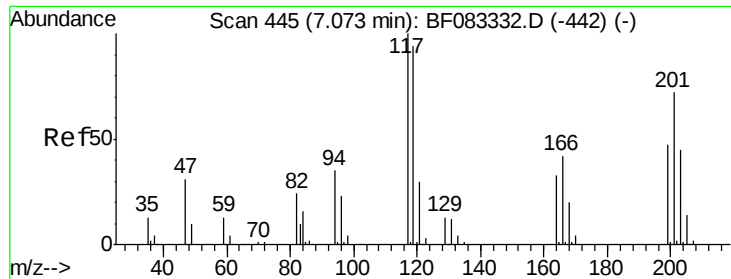
Tot Ion: 45 Resp: 1725148
Ion Ratio Lower Upper
45 100
77 35.4 26.7 66.7
79 31.9 24.3 64.3



#17
2-Methylphenol
Concen: 80.02 ng
RT: 6.87 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion: 107 Resp: 805013
Ion Ratio Lower Upper
107 100
108 118.0 93.8 140.6
77 73.7 57.4 86.0
79 66.4 54.4 81.6

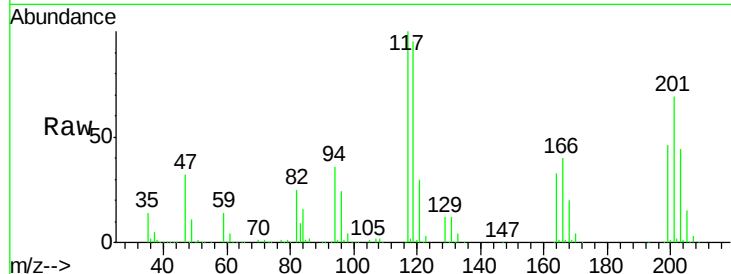




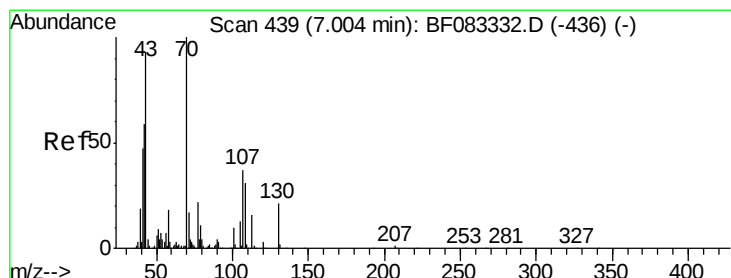
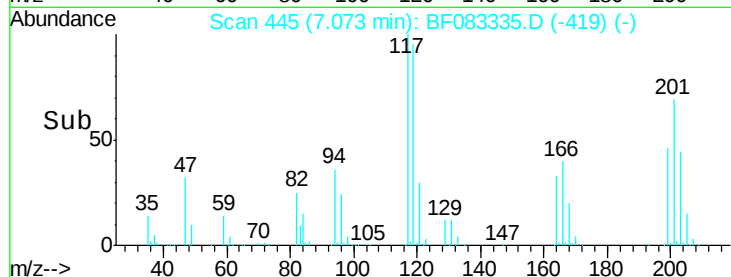
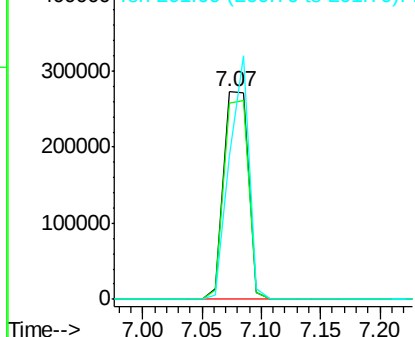
#18
Hexachloroethane
Concen: 77.19 ng
RT: 7.07 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 390187
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
201 69.1 88.6 133.0#

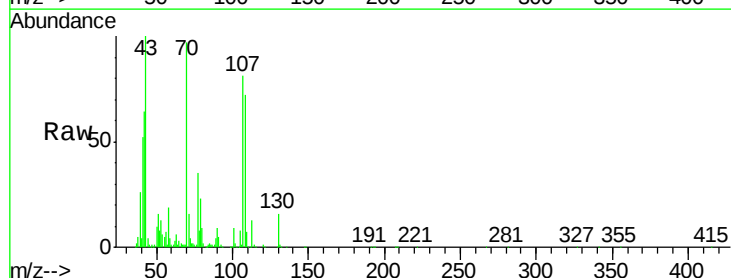


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

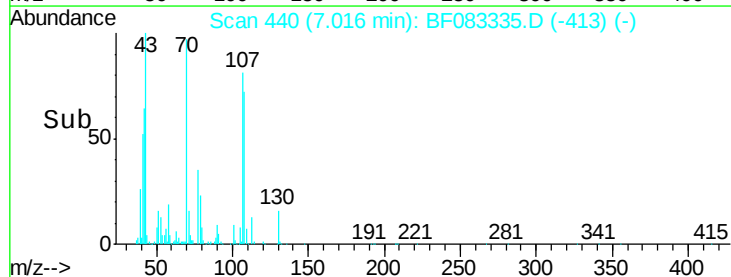
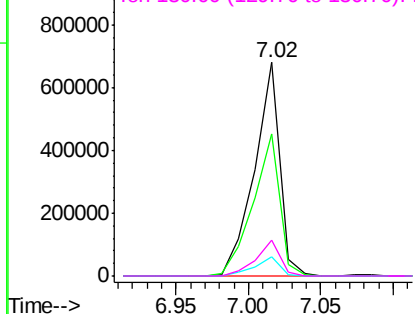


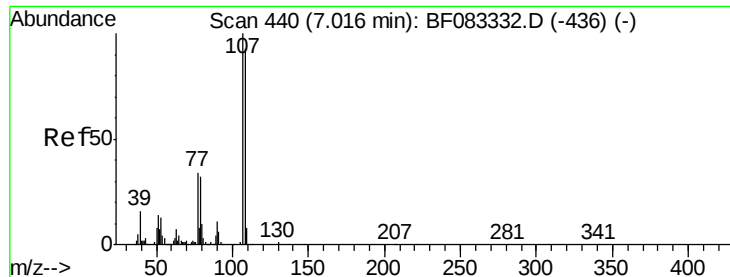
#19
n-Nitroso-di-n-propylamine
Concen: 77.73 ng
RT: 7.02 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion: 70 Resp: 828162
Ion Ratio Lower Upper
70 100
42 66.3 54.5 81.7
101 8.9 6.6 9.8
130 16.9 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: 79.05 ng

RT: 7.03 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 1077142

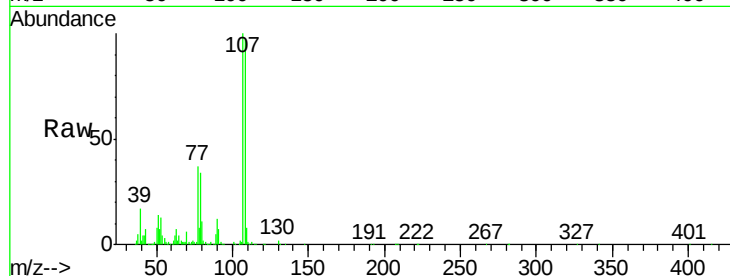
Ion Ratio Lower Upper

107 100

108 97.0 73.8 113.8

77 36.6 19.1 59.1

79 34.4 13.7 53.7

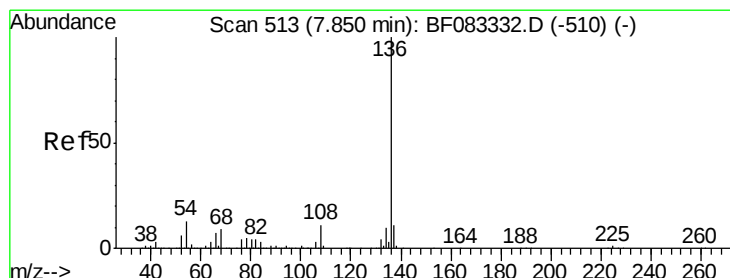
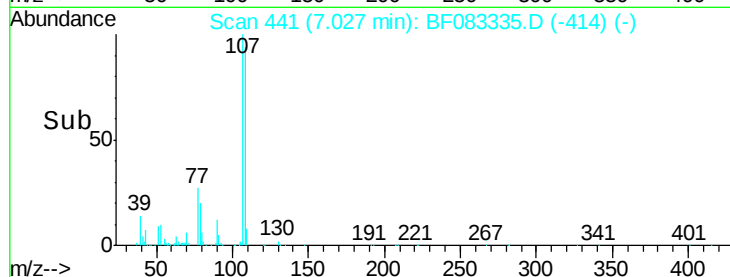
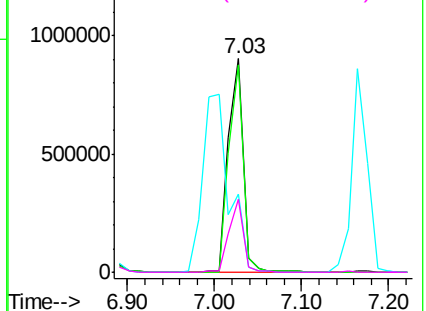


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.86 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Tgt Ion:136 Resp: 616800

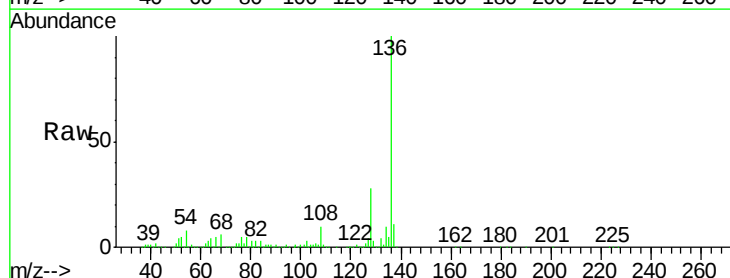
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.1 5.8 8.6

68 6.0 3.8 5.8#

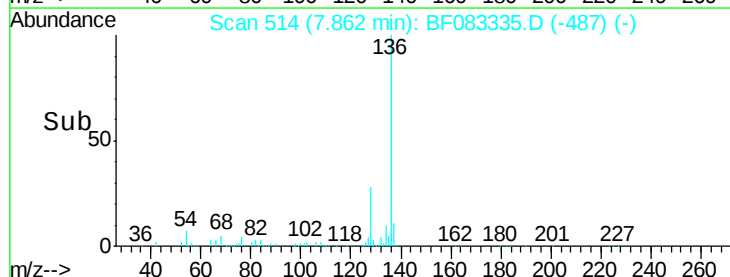
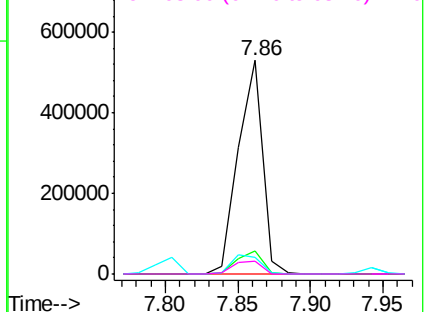


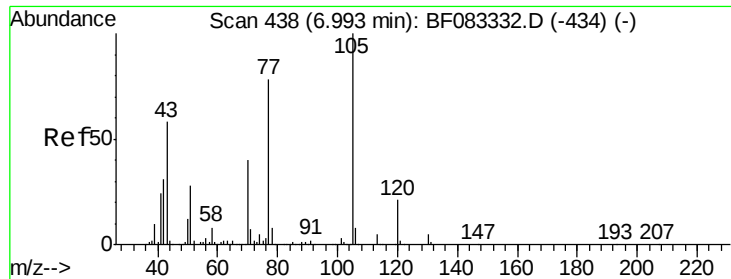
Abundance Ion 136.00 (135.70 to 136.70): E

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

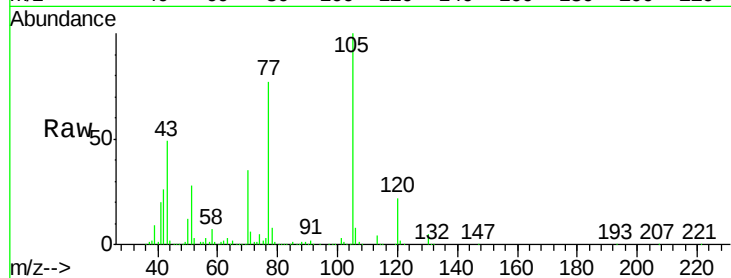




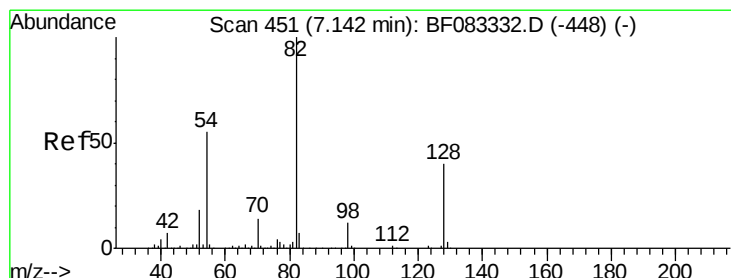
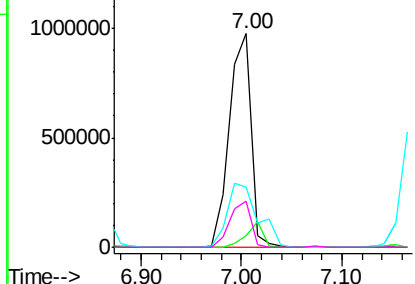
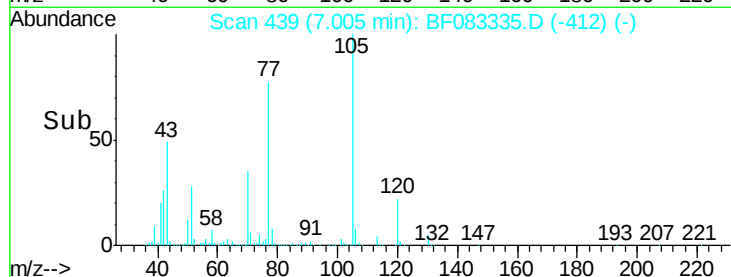
#22
Acetophenone
Concen: 80.71 ng
RT: 7.00 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:105 Resp: 1471183
Ion Ratio Lower Upper
105 100
71 5.7 1.0 1.4#
51 28.1 25.6 38.4
120 21.8 15.8 23.6

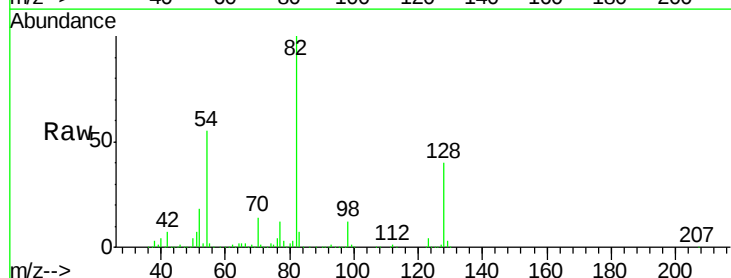


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

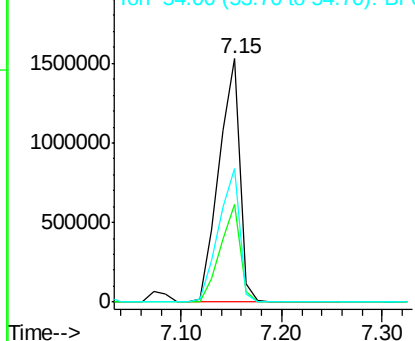
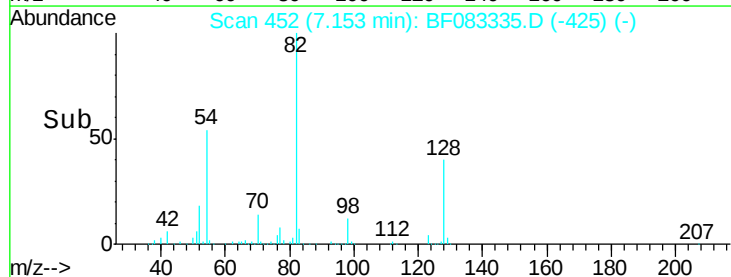


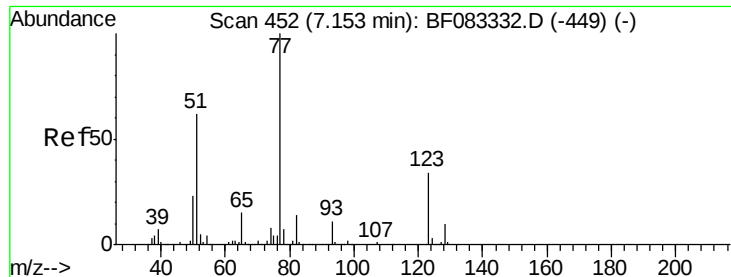
#23
Nitrobenzene-d5
Concen: 78.68 ng
RT: 7.15 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion: 82 Resp: 2202386
Ion Ratio Lower Upper
82 100
128 40.2 28.5 42.7
54 54.8 44.6 67.0



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

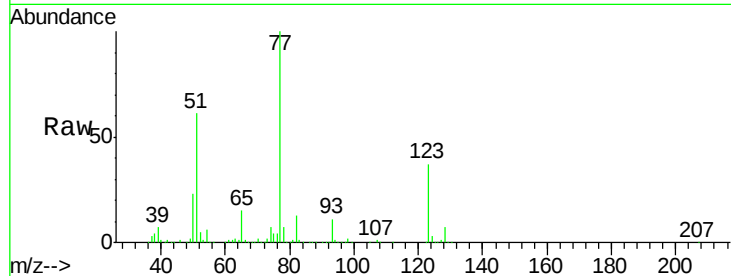




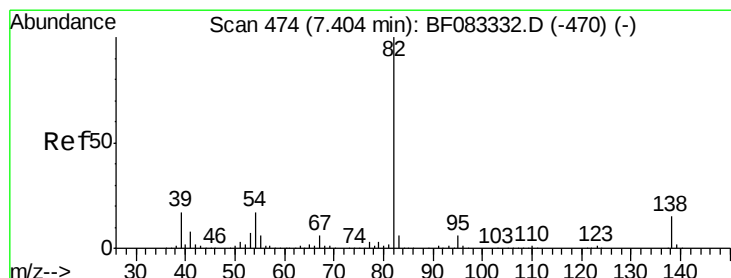
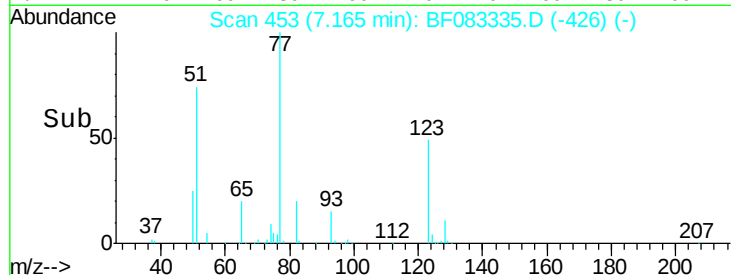
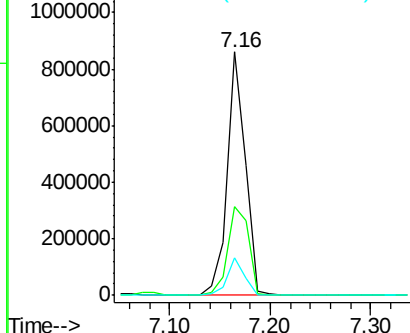
#24
Nitrobenzene
Concen: 70.00 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1068437
Ion Ratio Lower Upper
77 100
123 36.7 30.1 45.1
65 15.2 11.6 17.4

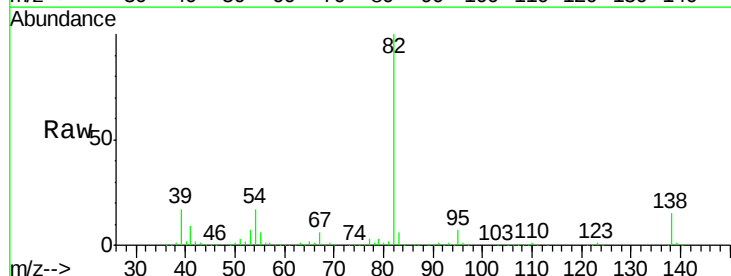


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

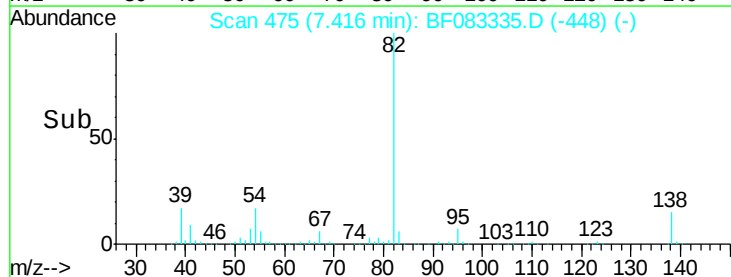
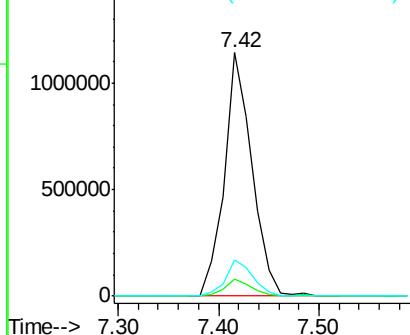


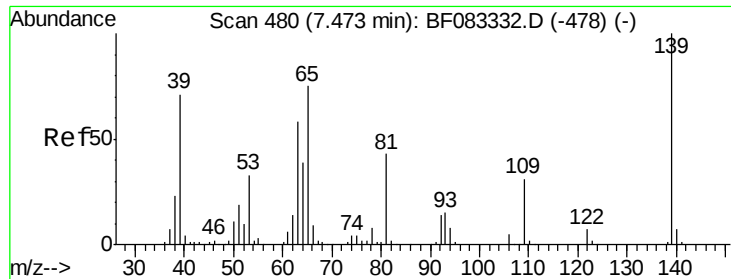
#25
Isophorone
Concen: 81.11 ng
RT: 7.42 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion: 82 Resp: 2177153
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.8
138 14.7 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

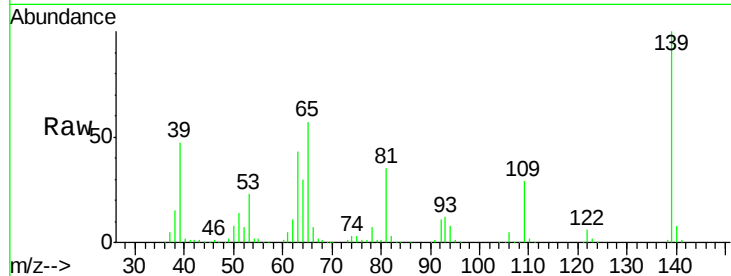




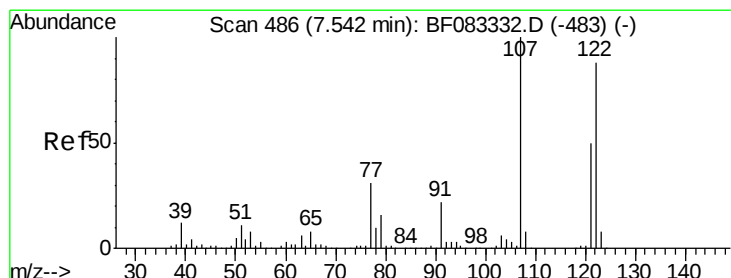
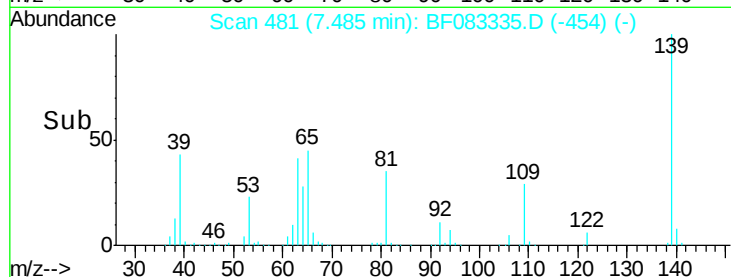
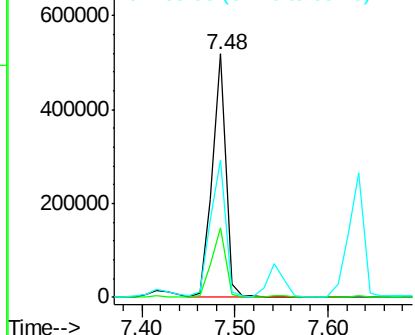
#26
2-Nitrophenol
Concen: 86.48 ng
RT: 7.48 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 531009
Ion Ratio Lower Upper
139 100
109 28.7 23.9 35.9
65 56.6 42.7 64.1

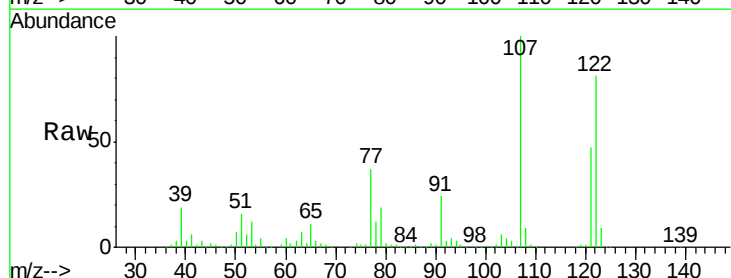


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

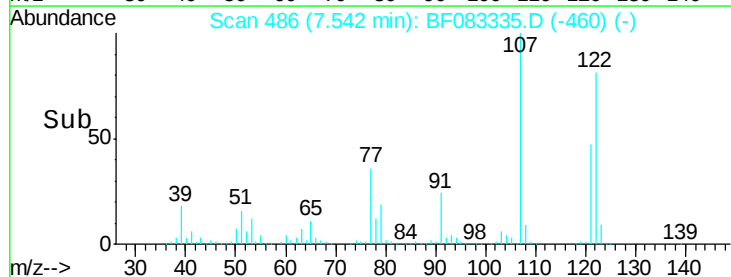
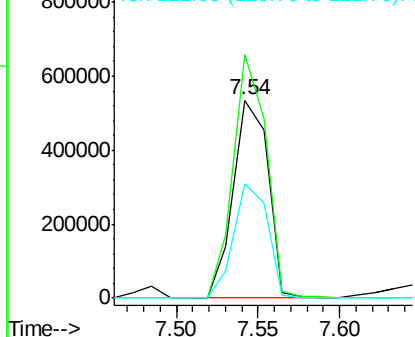


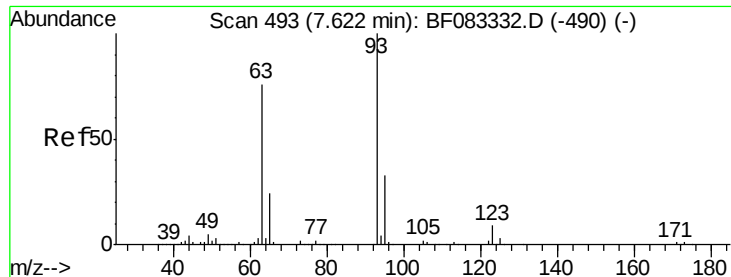
#27
2,4-Dimethylphenol
Concen: 76.31 ng
RT: 7.54 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:122 Resp: 790510
Ion Ratio Lower Upper
122 100
107 123.3 101.1 151.7
121 57.9 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 87.46 ng

RT: 7.63 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

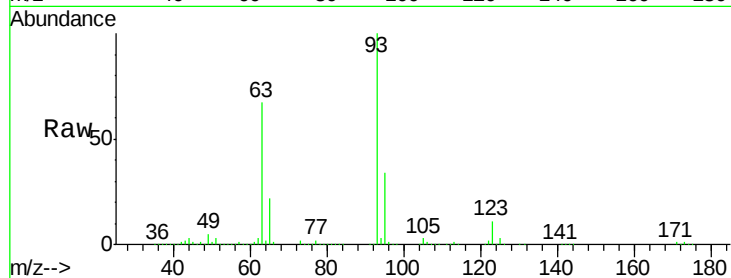
Tot Ion: 93 Resp: 1312647

Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.5	39.7
123	10.8	8.1	12.1

93 100

95 33.8 26.5 39.7

123 10.8 8.1 12.1

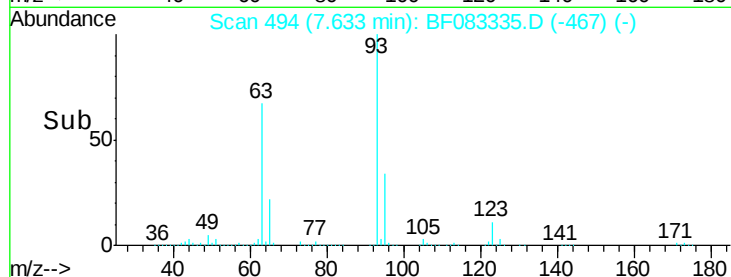


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

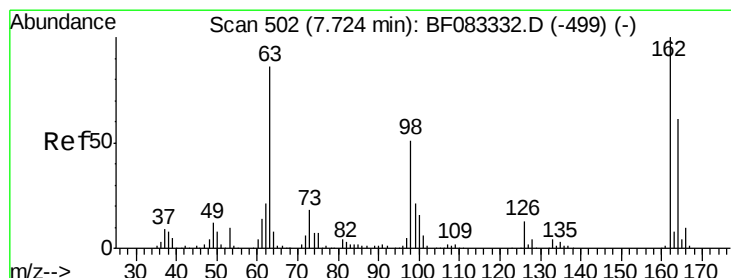
Ion 123.00 (122.70 to 123.70): BF0

Time-->



7.63

Time-->



#29

2,4-Dichlorophenol

Concen: 79.04 ng

RT: 7.74 min Scan# 503

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

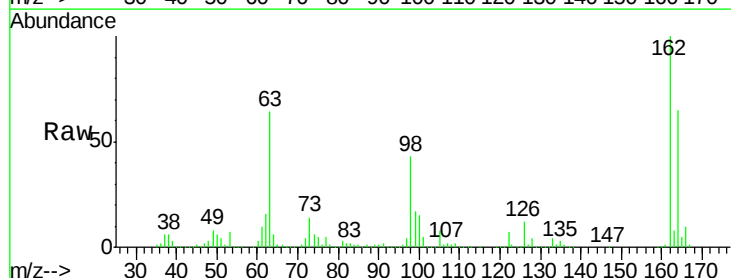
Tgt Ion: 162 Resp: 779030

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.8	84.8
98	43.1	23.1	63.1

162 100

164 64.6 44.8 84.8

98 43.1 23.1 63.1

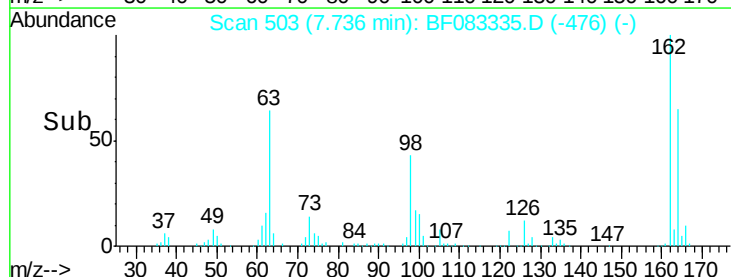


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

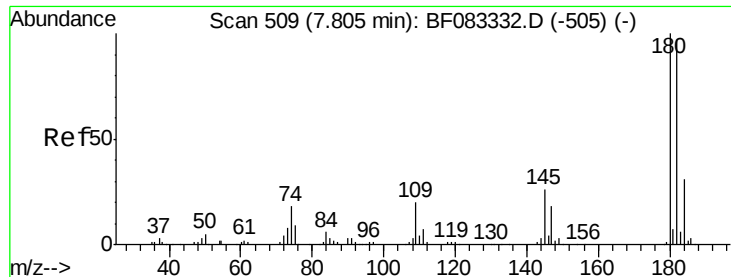
Ion 98.00 (97.70 to 98.70): BF0

Time-->



7.74

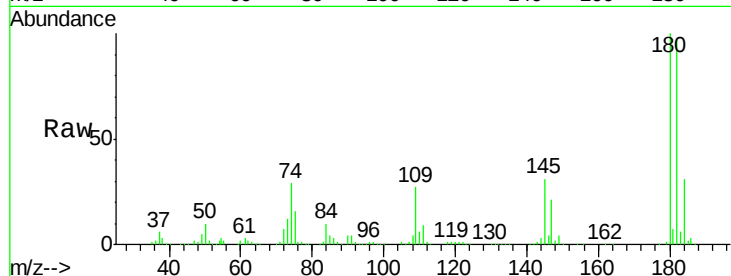
Time-->



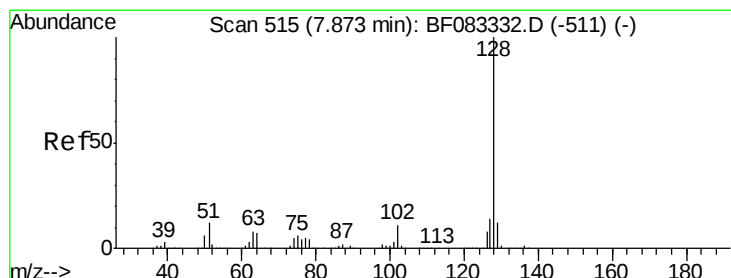
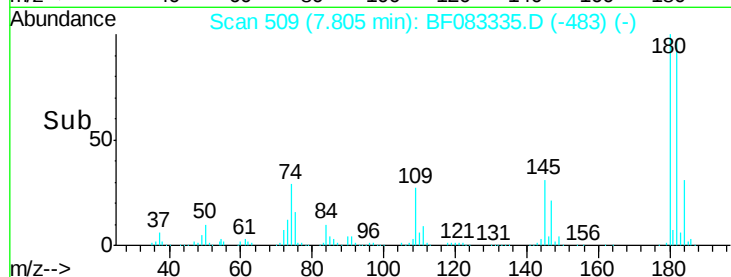
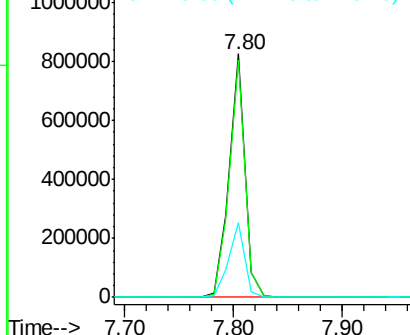
#30
1,2,4-Trichlorobenzene
Concen: 76.74 ng
RT: 7.80 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 827346
Ion Ratio Lower Upper
180 100
182 97.5 79.0 118.6
145 30.8 24.2 36.2

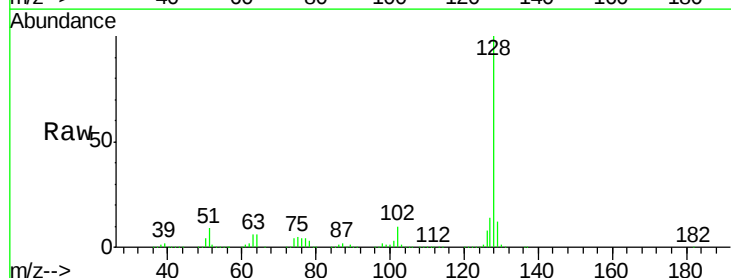


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

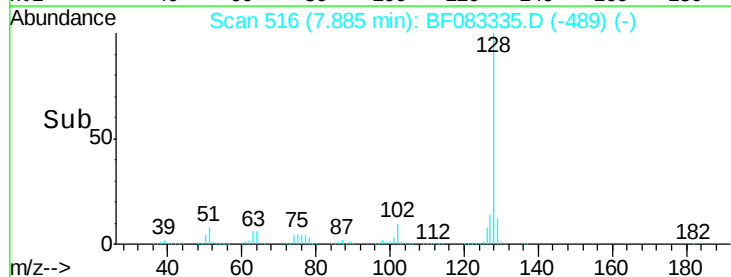
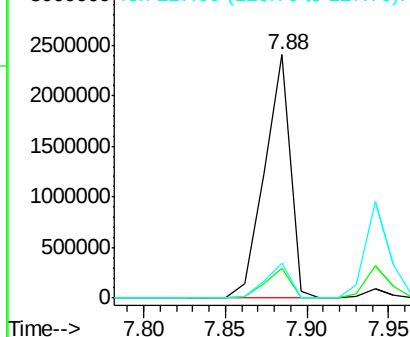


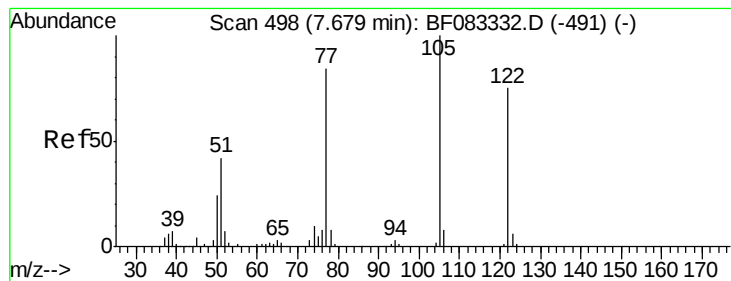
#31
Naphthalene
Concen: 78.22 ng
RT: 7.88 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:128 Resp: 2650281
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 14.4 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: 105.72 ng

RT: 7.72 min Scan# 502

Delta R.T. 0.05 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

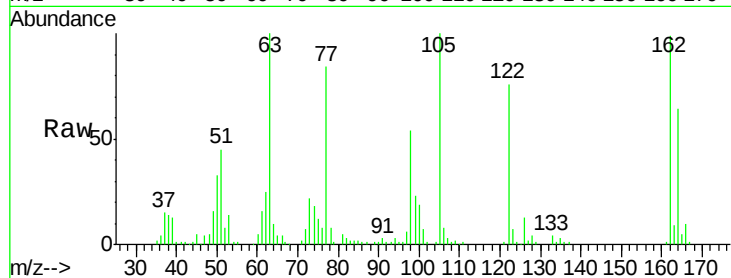
Tot Ion:122 Resp: 516215

Ion Ratio Lower Upper

122 100

105 132.3 109.7 149.7

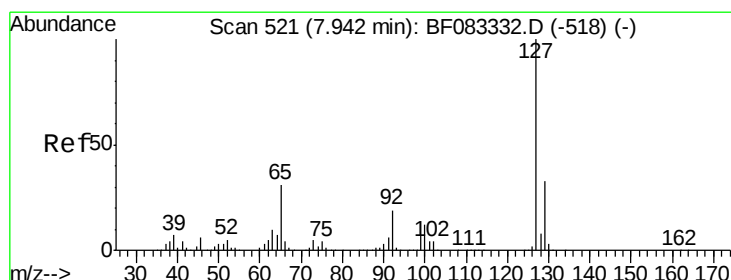
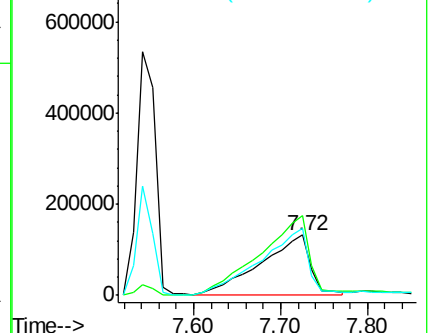
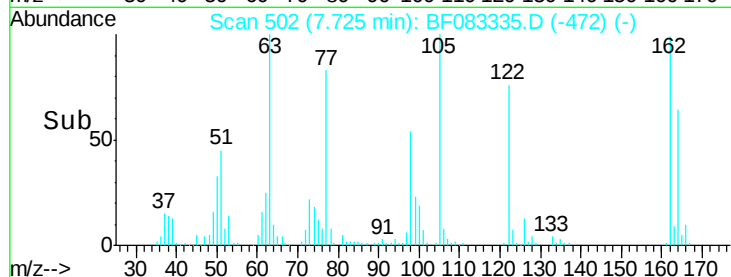
77 110.8 79.7 119.7



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: 69.49 ng

RT: 7.94 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Tgt Ion:127 Resp: 991959

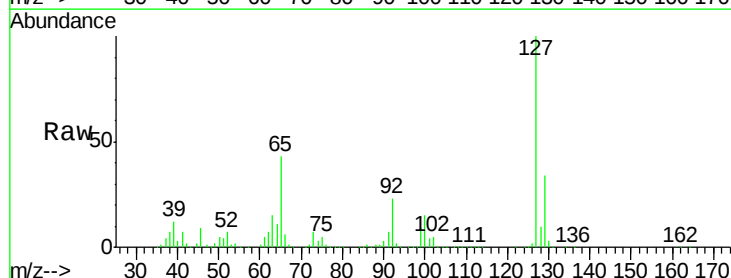
Ion Ratio Lower Upper

127 100

129 34.3 25.7 38.5

65 42.7 35.5 53.3

92 23.4 19.4 29.2

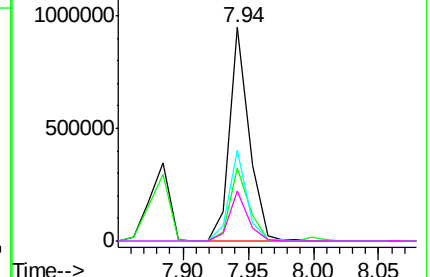
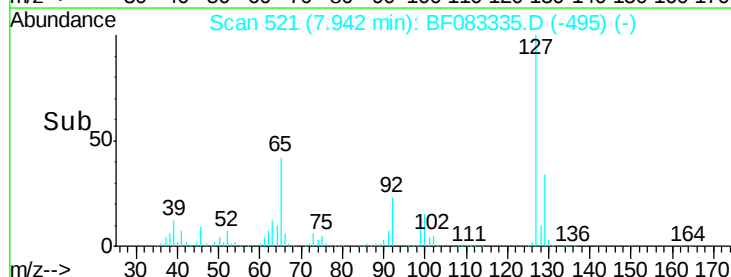


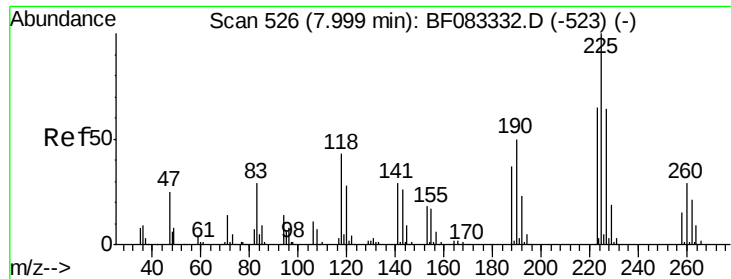
Abundance Ion 127.00 (126.70 to 127.70): E

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

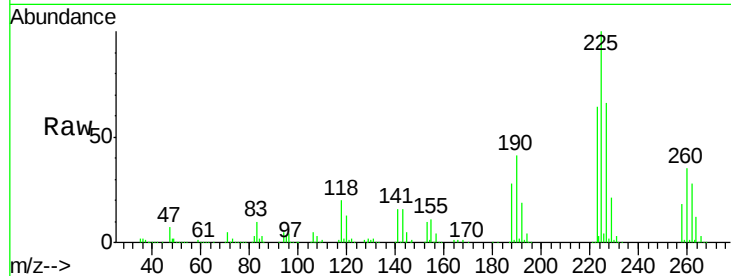




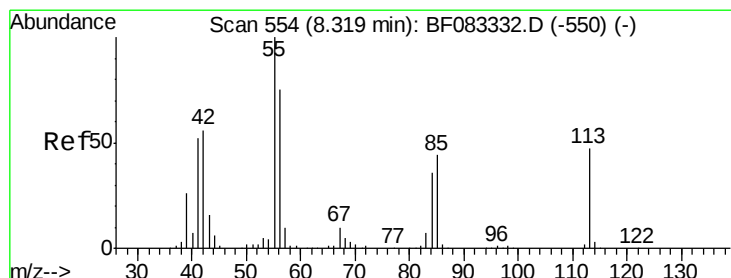
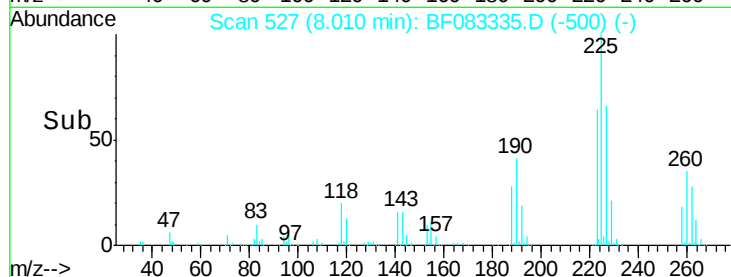
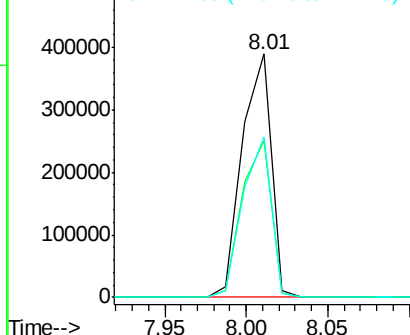
#34
Hexachlorobutadiene
Concen: 77.78 ng
RT: 8.01 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 479862
Ion Ratio Lower Upper
225 100
223 64.2 51.3 76.9
227 65.7 49.8 74.8

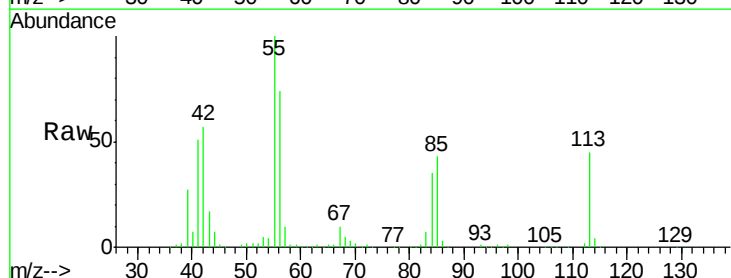


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

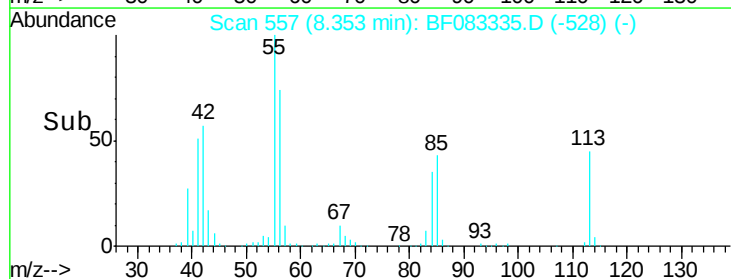
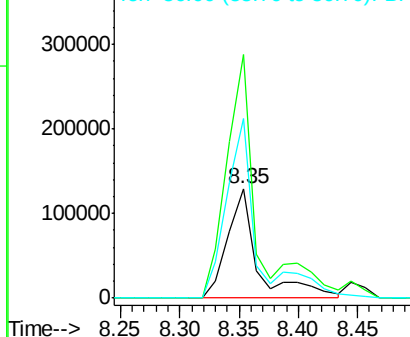


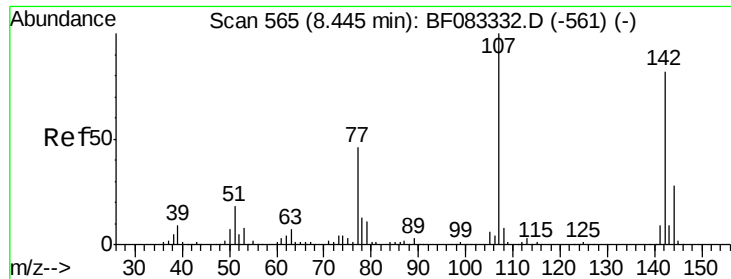
#35
Caprolactam
Concen: 83.17 ng
RT: 8.35 min Scan# 557
Delta R.T. 0.03 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:113 Resp: 231536
Ion Ratio Lower Upper
113 100
55 222.6 192.6 232.6
56 164.4 148.6 188.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

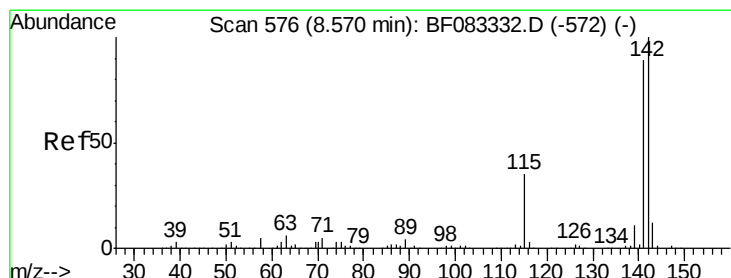
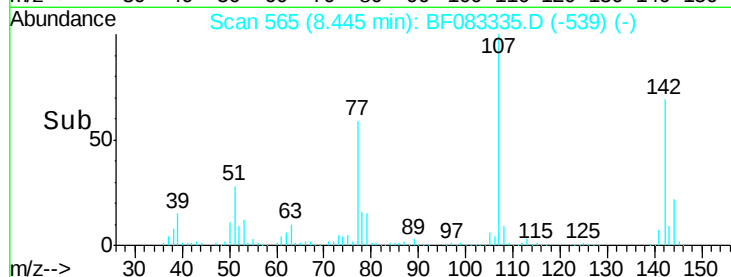
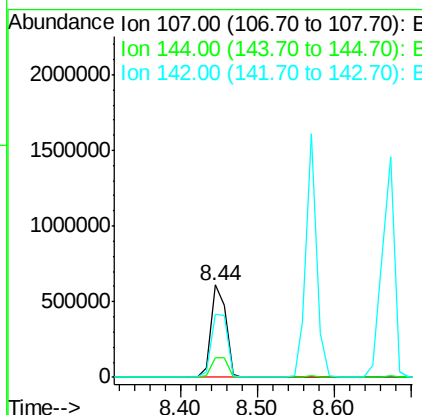
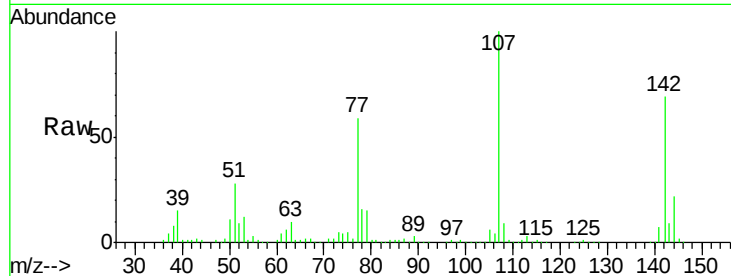




#36
 4-Chloro-3-methylphenol
 Concen: 75.02 ng
 RT: 8.44 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

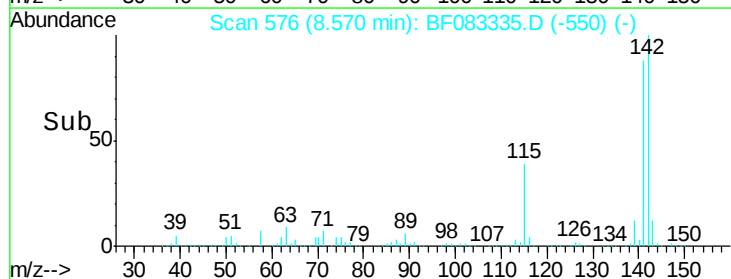
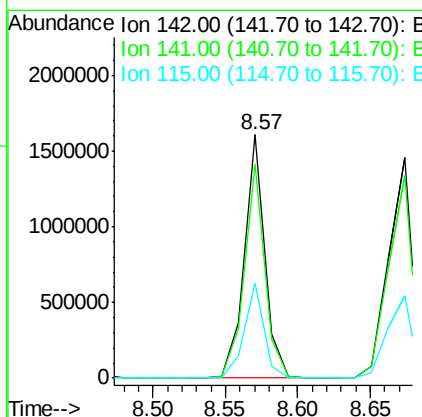
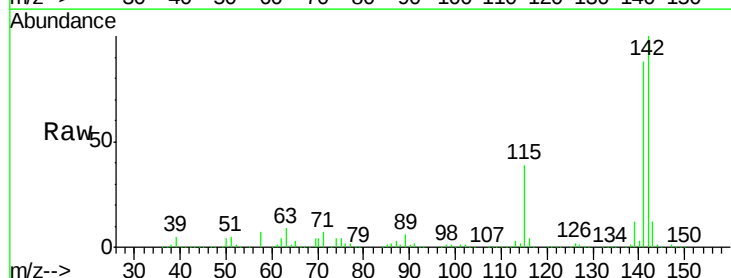
Instrument :
 BNA_F
 ClientSampleId :

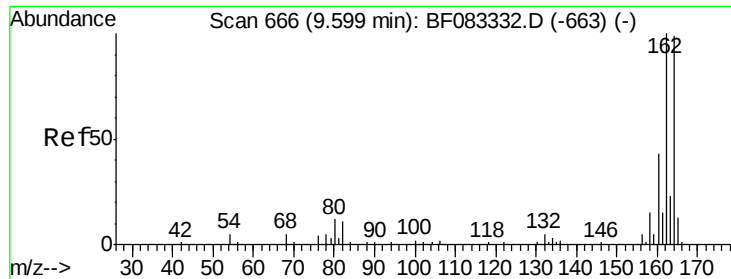
Tot Ion:107 Resp: 815291
 Ion Ratio Lower Upper
 107 100
 144 21.7 20.8 31.2
 142 68.8 62.1 93.1



#37
 2-Methylnaphthalene
 Concen: 70.53 ng
 RT: 8.57 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Tgt Ion:142 Resp: 1565312
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.3 105.5
 115 39.1 33.4 50.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

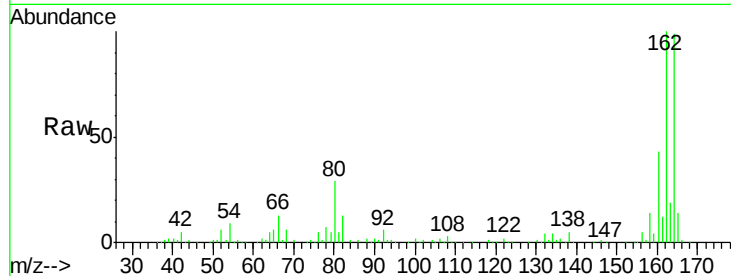
Tot Ion:164 Resp: 302383

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

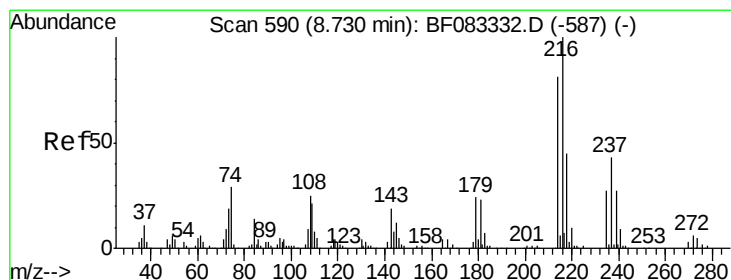
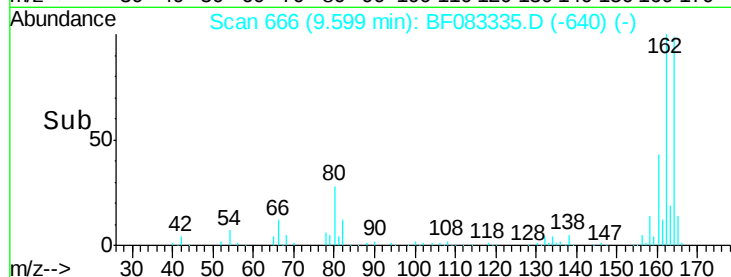
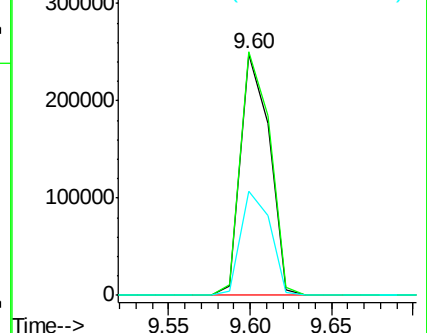
160 43.3 35.6 53.4



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 82.87 ng

RT: 8.74 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Tgt Ion:216 Resp: 809479

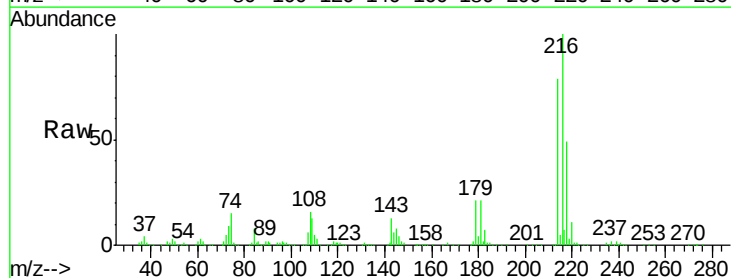
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 22.1 17.0 25.6

108 20.1 15.2 22.8

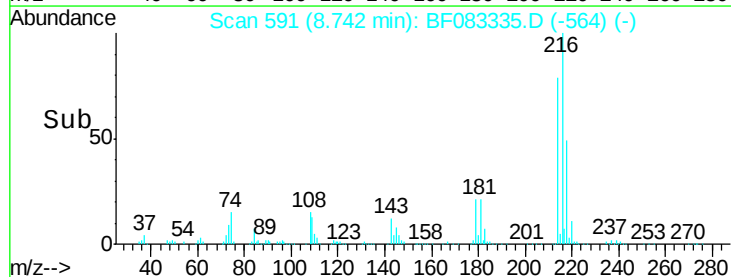
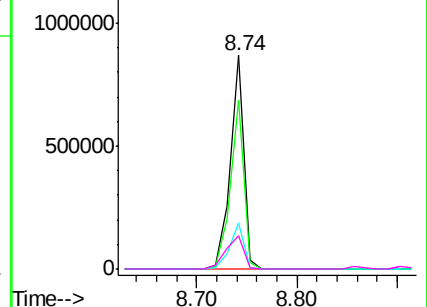


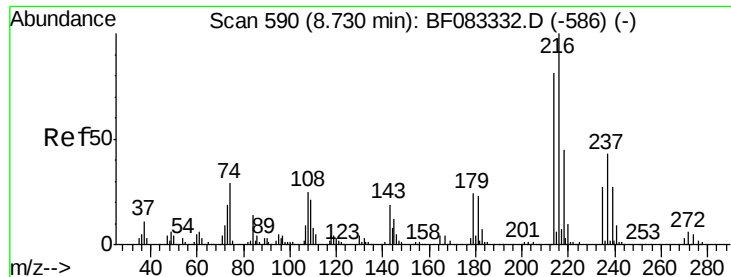
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 101.27 ng

RT: 8.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

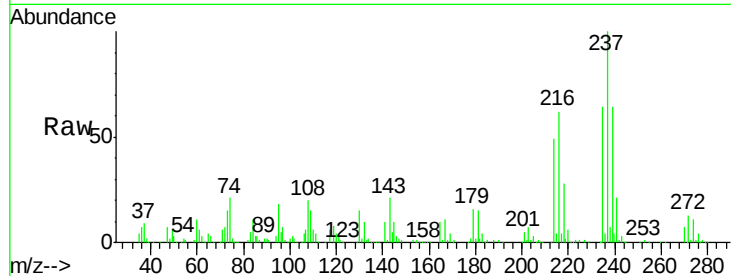
Tot Ion:237 Resp: 415379

Ion Ratio Lower Upper

237 100

235 64.1 43.5 83.5

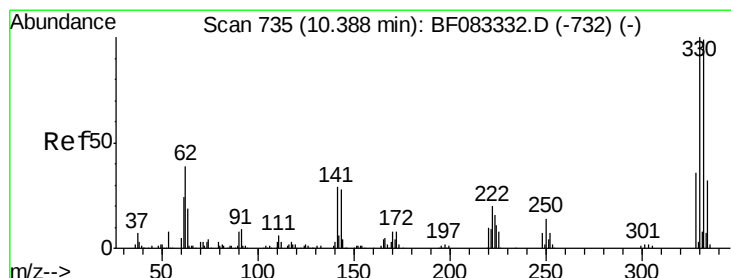
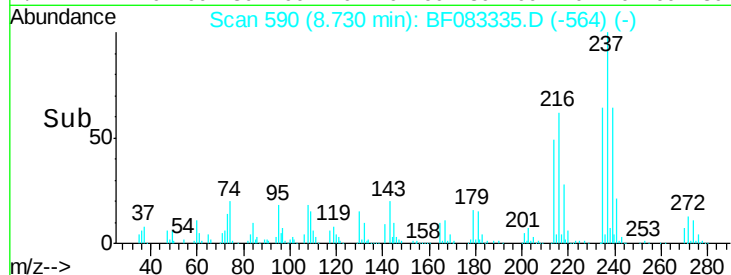
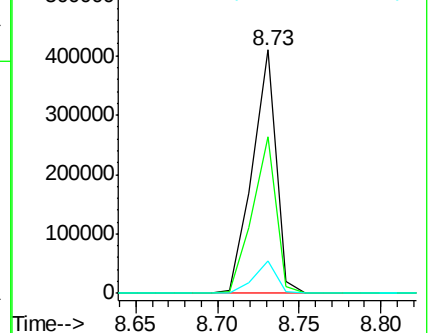
272 13.5 0.0 33.1



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: 87.57 ng

RT: 10.40 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

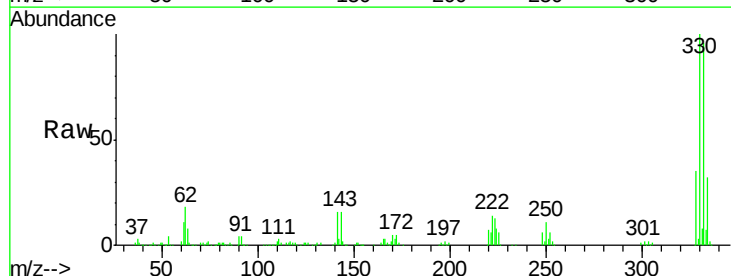
Tgt Ion:330 Resp: 483525

Ion Ratio Lower Upper

330 100

332 95.1 77.7 116.5

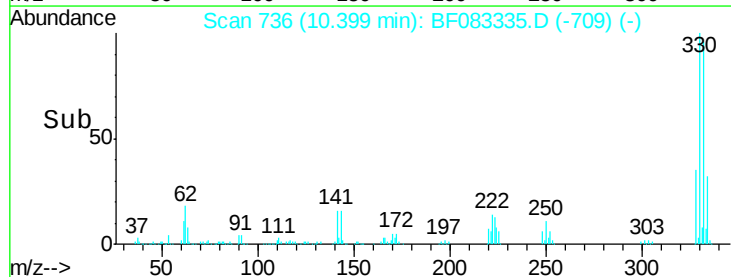
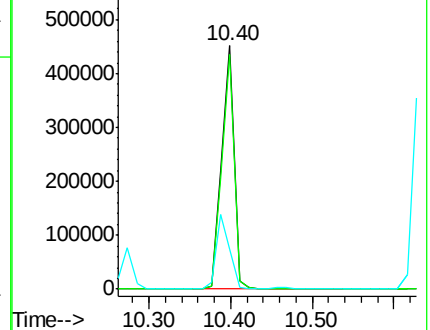
141 32.7 29.7 44.5

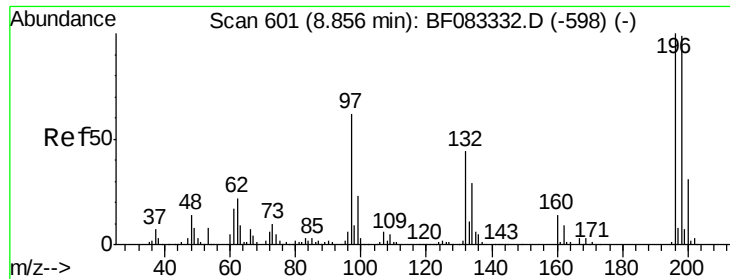


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

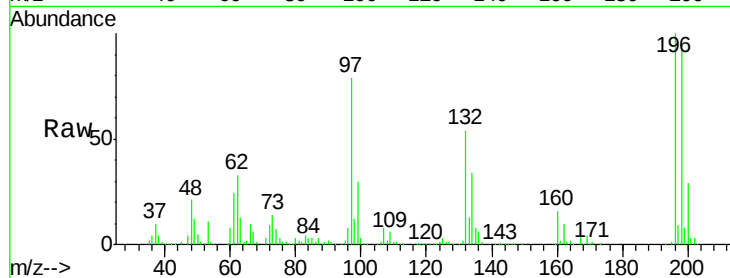




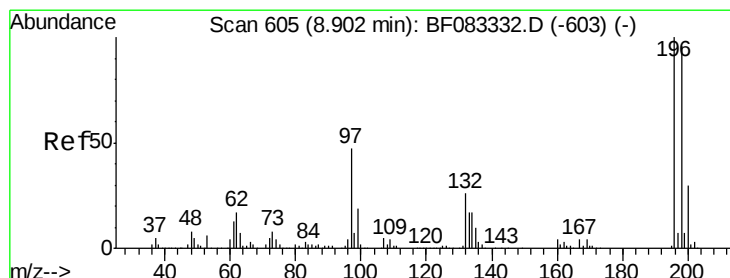
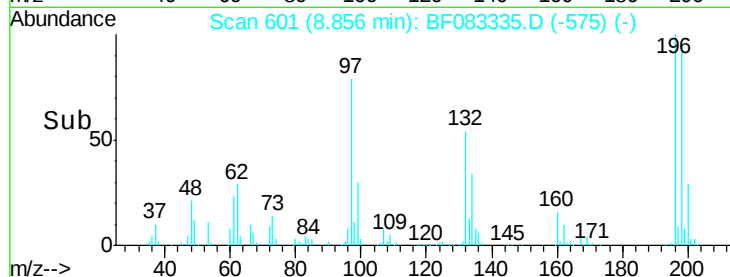
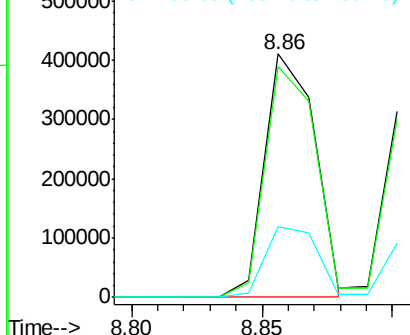
#42
2,4,6-Trichlorophenol
Concen: 80.13 ng
RT: 8.86 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 544083
Ion Ratio Lower Upper
196 100
198 94.6 75.9 113.9
200 29.3 24.5 36.7

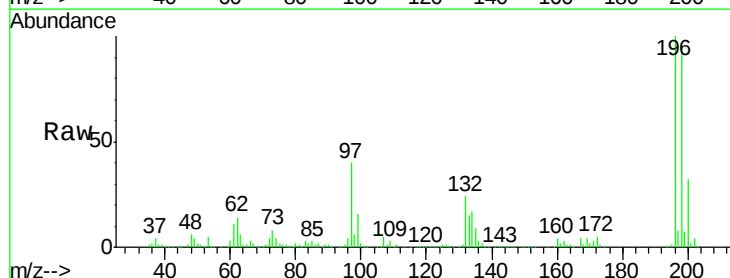


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

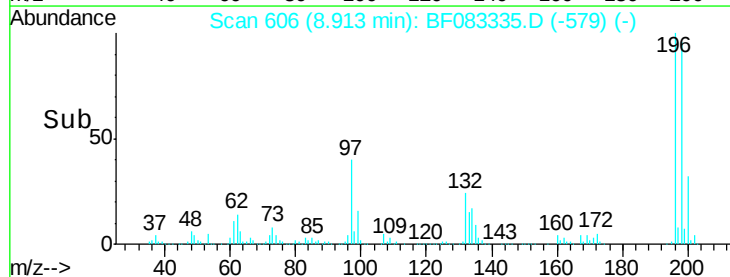
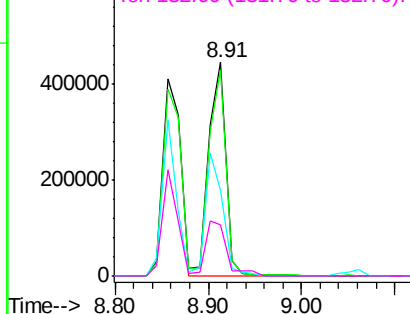


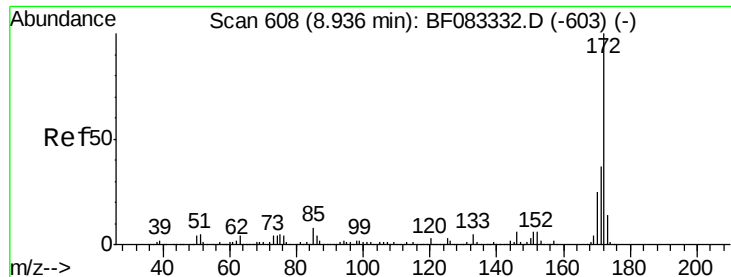
#43
2,4,5-Trichlorophenol
Concen: 81.97 ng
RT: 8.91 min Scan# 606
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:196 Resp: 565574
Ion Ratio Lower Upper
196 100
198 96.5 77.6 116.4
97 40.2 32.6 48.8
132 23.9 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: 76.01 ng

RT: 8.95 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

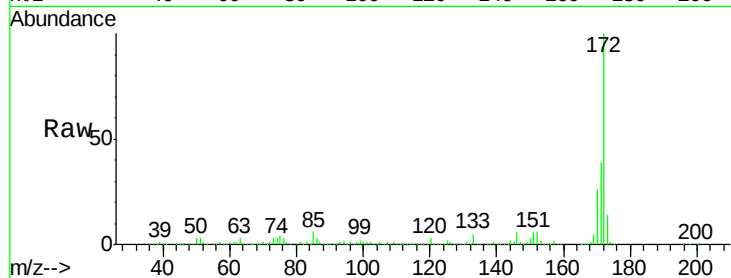
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 3243536

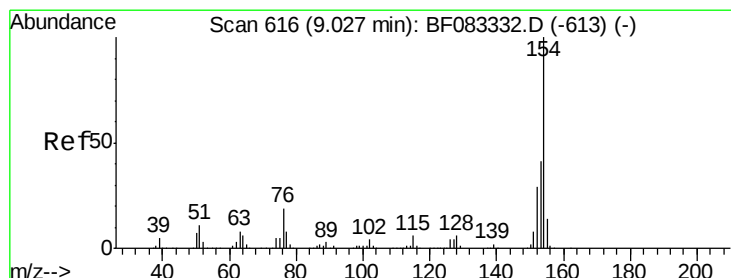
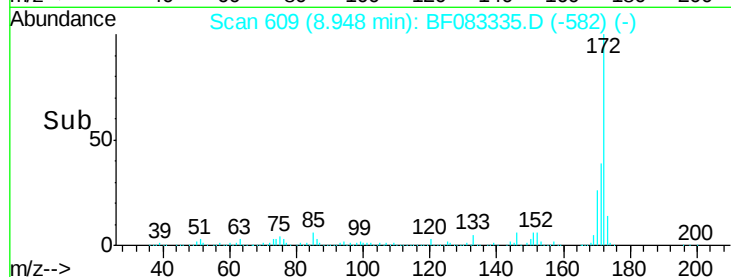
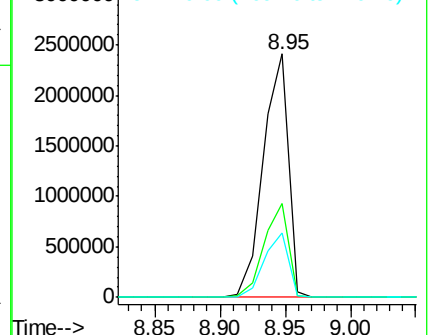
Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.5	44.3
170	26.2	19.9	29.9



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



#45

1,1'-Biphenyl

Concen: 67.06 ng

RT: 9.04 min Scan# 617

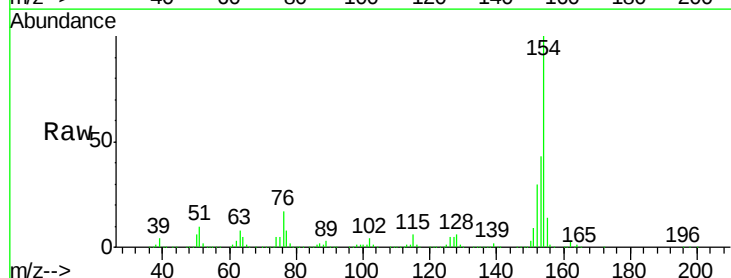
Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Tgt Ion:154 Resp: 1836883

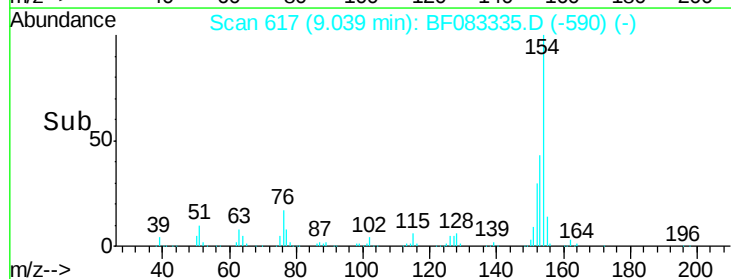
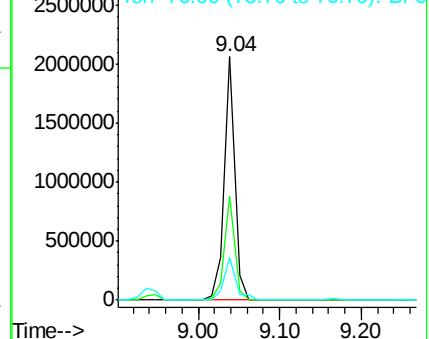
Ion	Ratio	Lower	Upper
154	100		
153	42.9	20.5	60.5
76	17.5	0.0	31.2

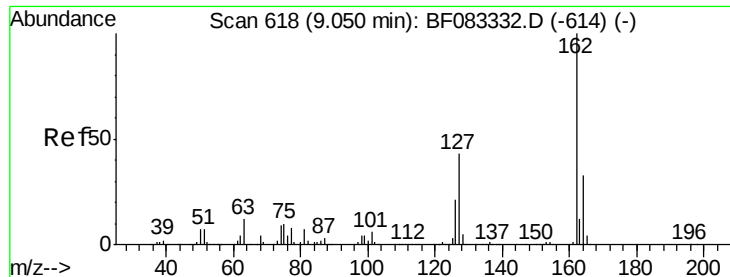


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

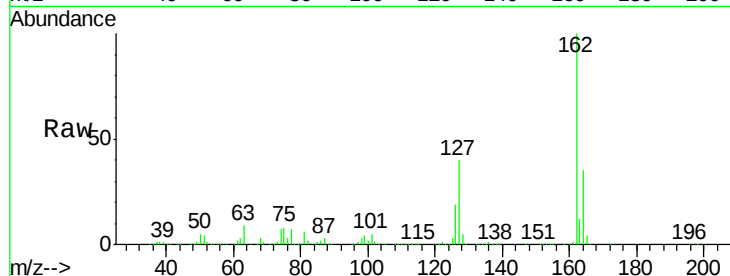




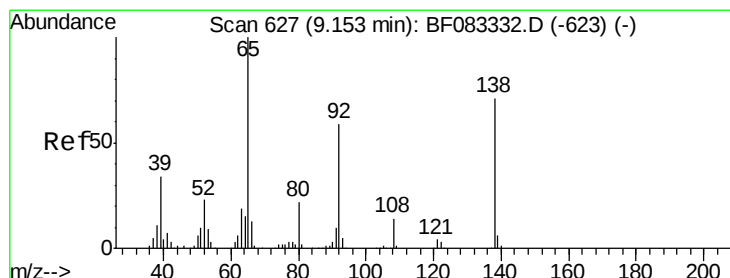
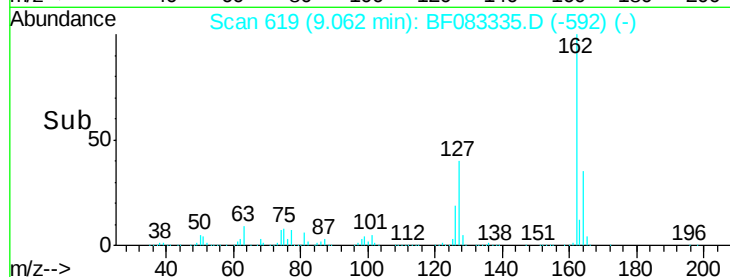
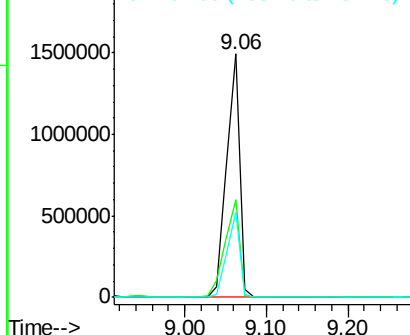
#46
2-Chloronaphthalene
Concen: 80.10 ng
RT: 9.06 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1632010
Ion Ratio Lower Upper
162 100
127 40.0 29.4 44.2
164 35.0 26.2 39.4

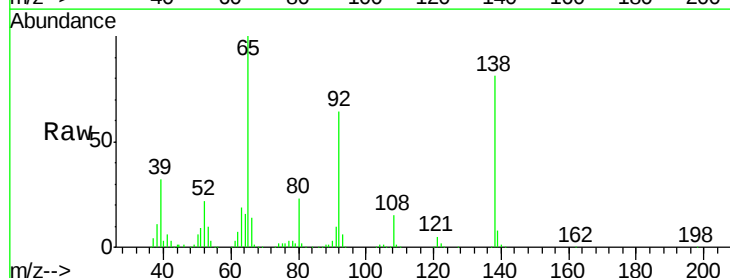


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

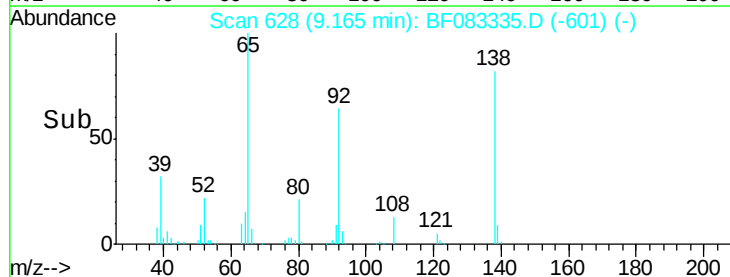
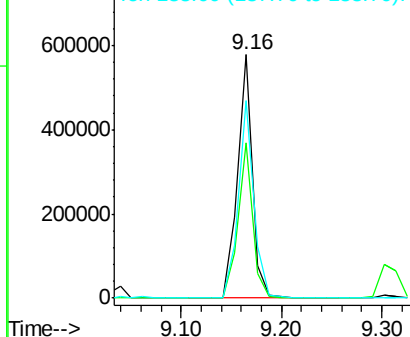


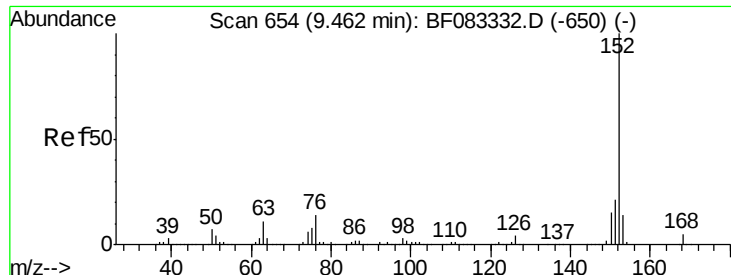
#47
2-Nitroaniline
Concen: 75.56 ng
RT: 9.16 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion: 65 Resp: 593604
Ion Ratio Lower Upper
65 100
92 63.5 49.5 74.3
138 80.9 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: 78.13 ng

RT: 9.47 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

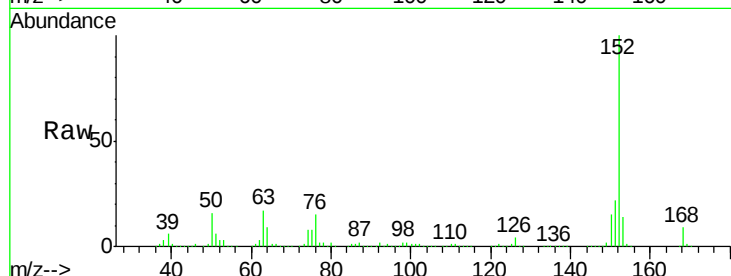
Tot Ion:152 Resp: 2492530

Ion Ratio Lower Upper

152 100

151 21.7 16.3 24.5

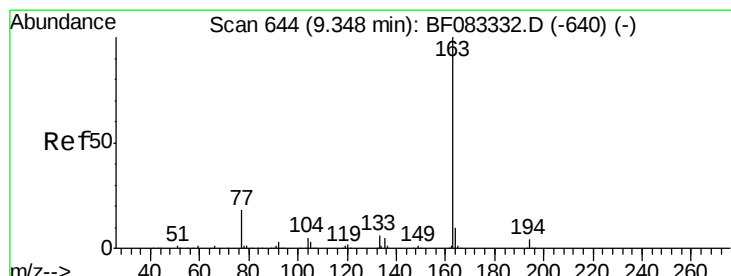
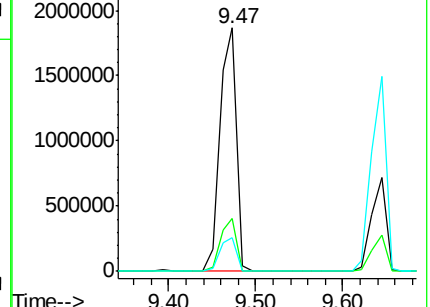
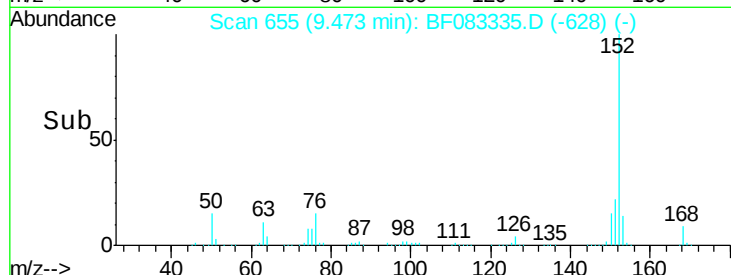
153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 77.16 ng

RT: 9.36 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

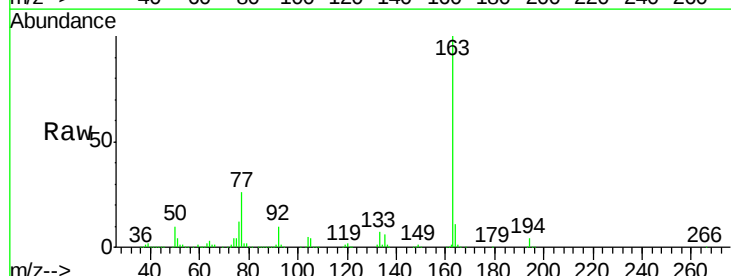
Tgt Ion:163 Resp: 1775512

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

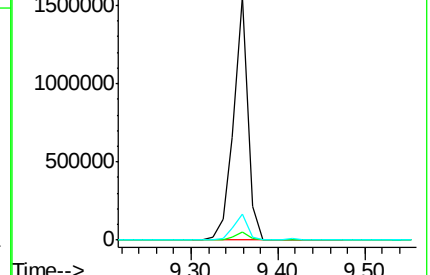
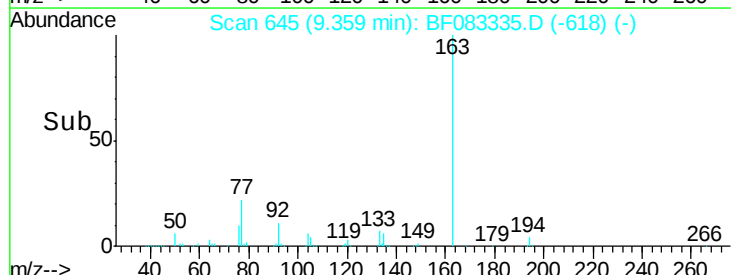
164 10.7 8.6 12.8

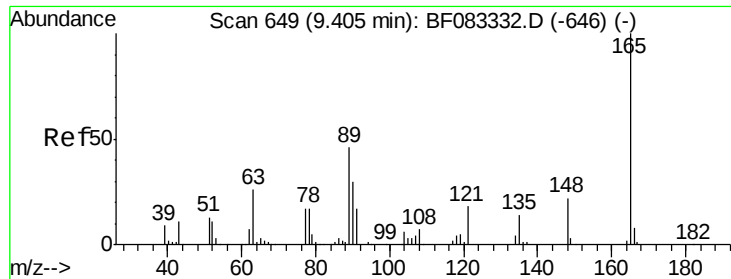


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

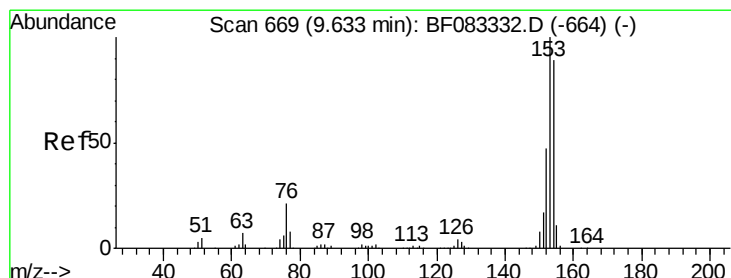
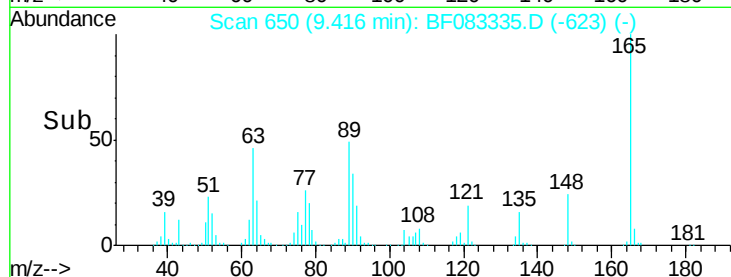
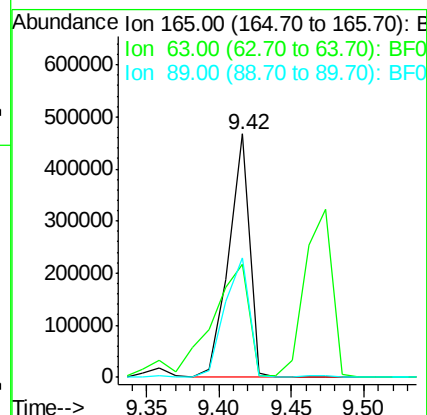
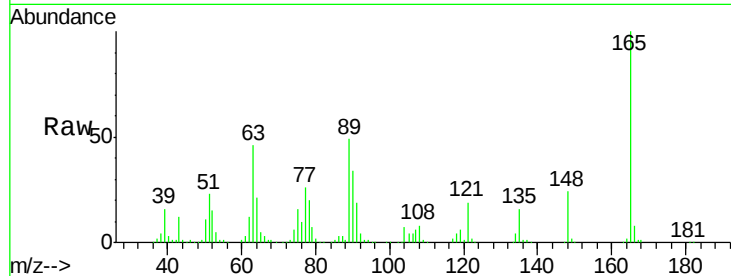




#50
2,6-Dinitrotoluene
Concen: 93.04 ng
RT: 9.42 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

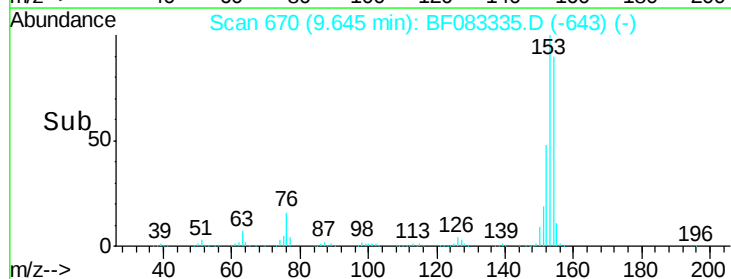
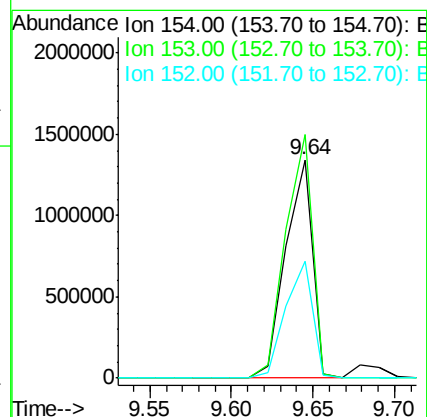
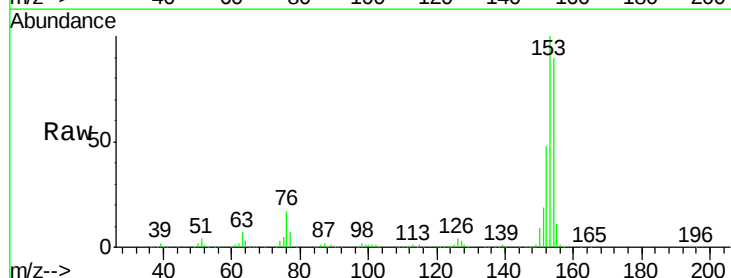
Instrument :
BNA_F
ClientSampleId :

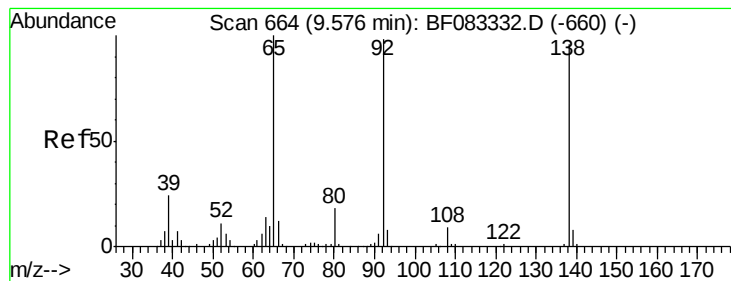
Tot Ion:165 Resp: 468014
Ion Ratio Lower Upper
165 100
63 46.3 62.5 93.7#
89 48.9 59.1 88.7#



#51
Acenaphthene
Concen: 83.83 ng
RT: 9.64 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:154 Resp: 1543783
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 53.6 43.3 64.9





#52

3-Nitroaniline

Concen: 88.39 ng

RT: 9.59 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

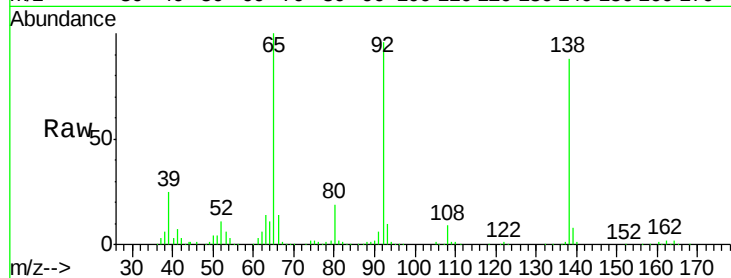
Tot Ion:138 Resp: 512966

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

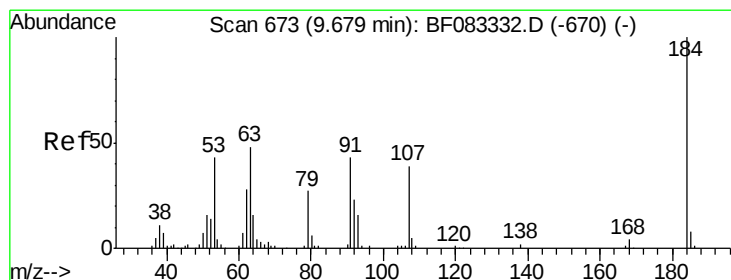
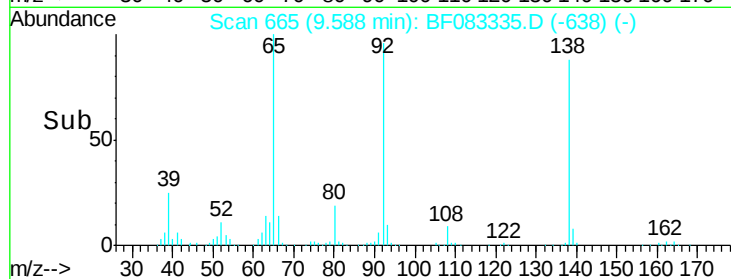
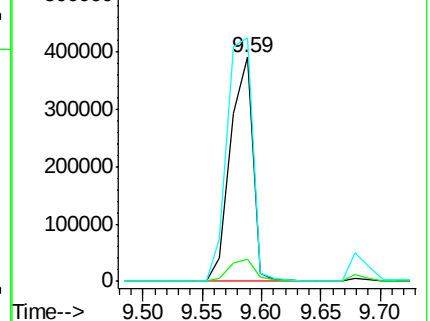
92 108.6 81.1 121.7



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: 128.07 ng

RT: 9.69 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

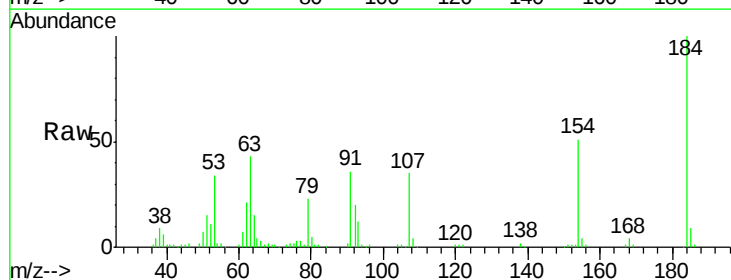
Tgt Ion:184 Resp: 193953

Ion Ratio Lower Upper

184 100

63 43.1 60.5 90.7#

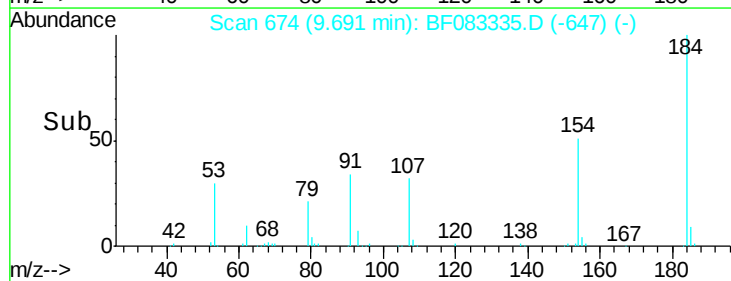
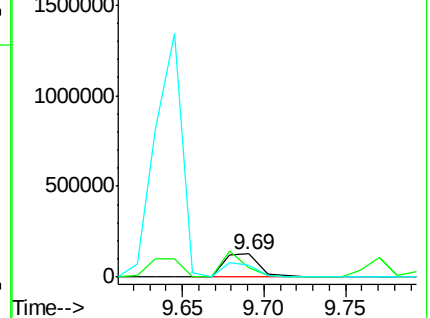
154 51.0 54.3 81.5#

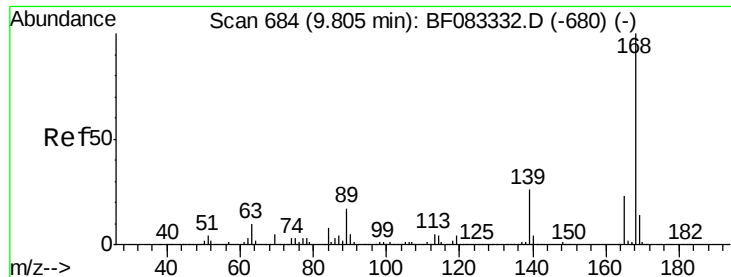


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

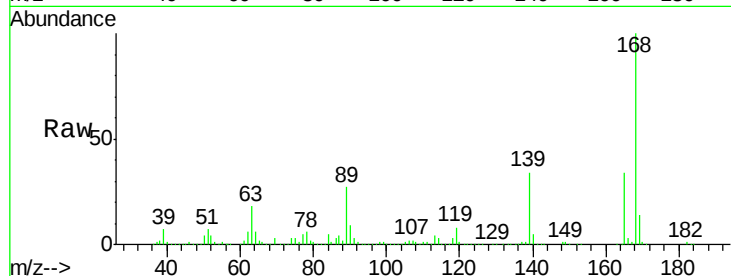




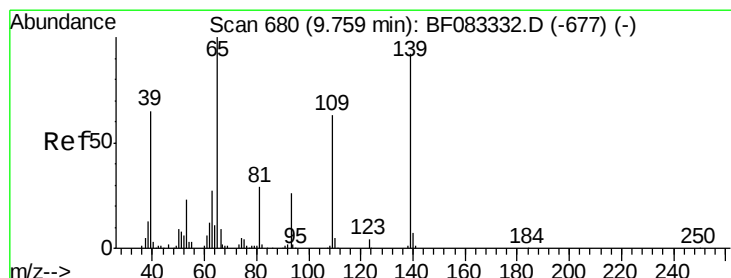
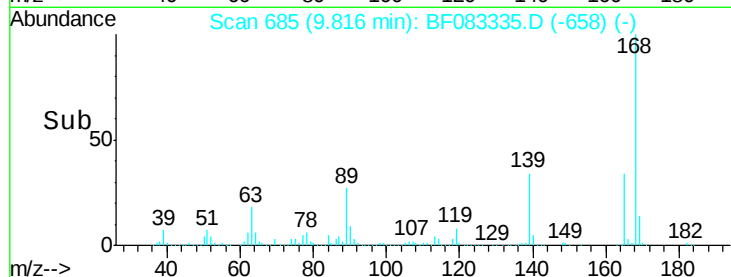
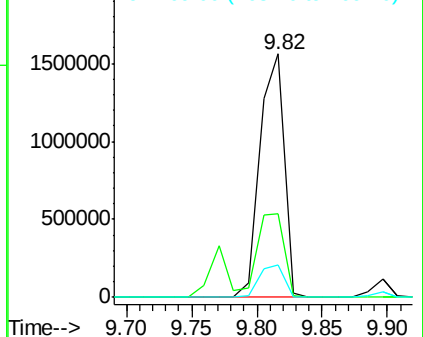
#54
Dibenzofuran
Concen: 76.53 ng
RT: 9.82 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2037013
Ion Ratio Lower Upper
168 100
139 34.4 30.2 45.2
169 13.6 10.9 16.3

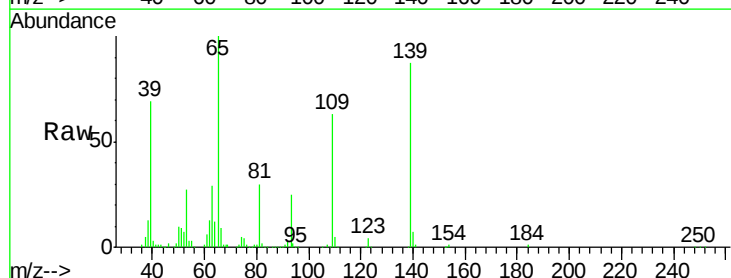


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

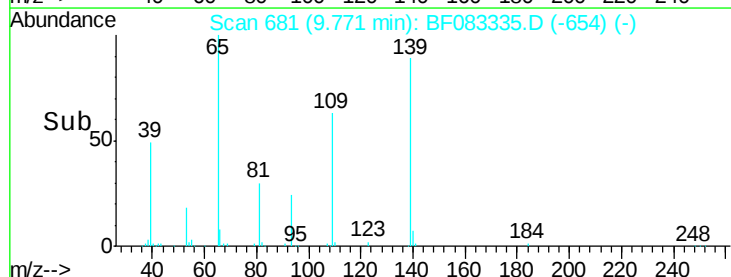
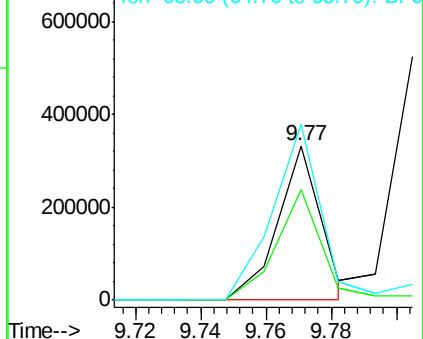


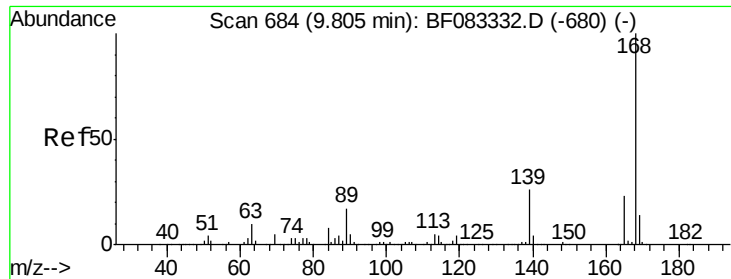
#55
4-Nitrophenol
Concen: 106.57 ng
RT: 9.77 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:139 Resp: 306634
Ion Ratio Lower Upper
139 100
109 71.6 64.0 104.0
65 114.4 109.5 149.5



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

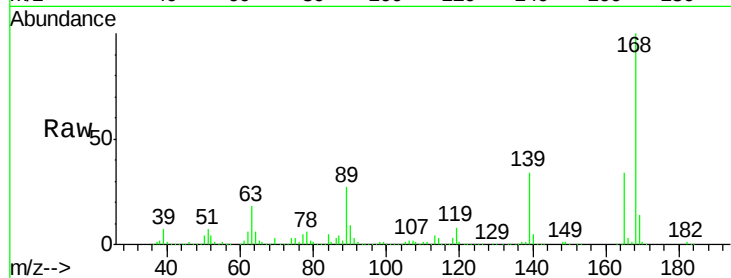




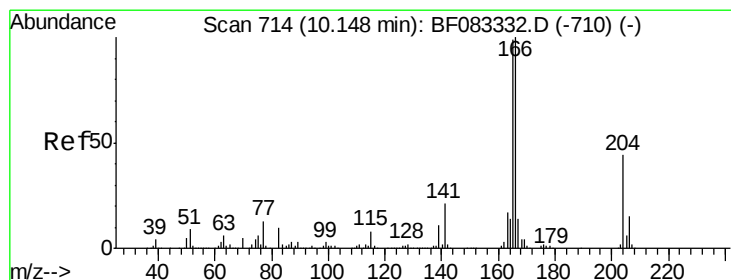
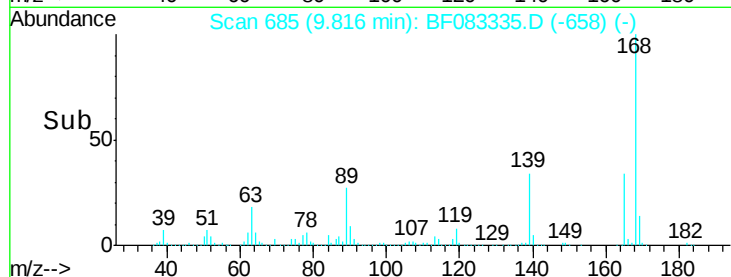
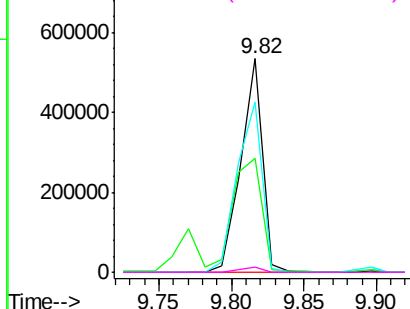
#56
2,4-Dinitrotoluene
Concen: 87.40 ng
RT: 9.82 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 550221
Ion Ratio Lower Upper
165 100
63 53.5 54.5 81.7#
89 79.6 77.3 115.9
182 2.3 1.8 2.6

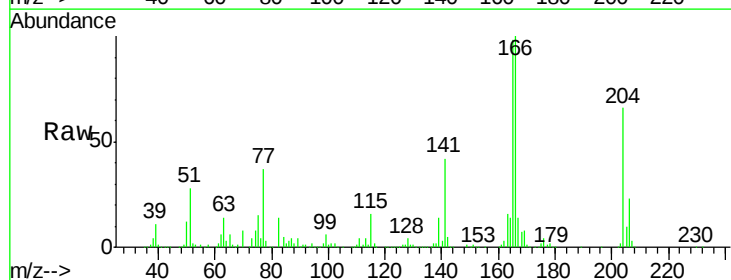


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

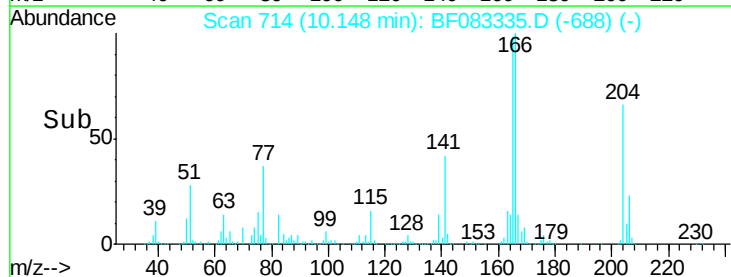
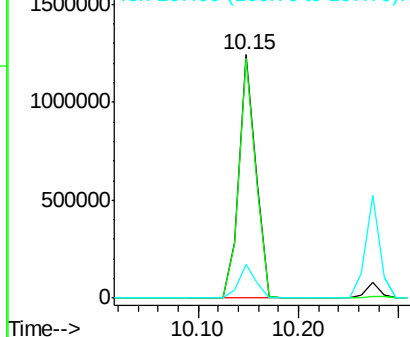


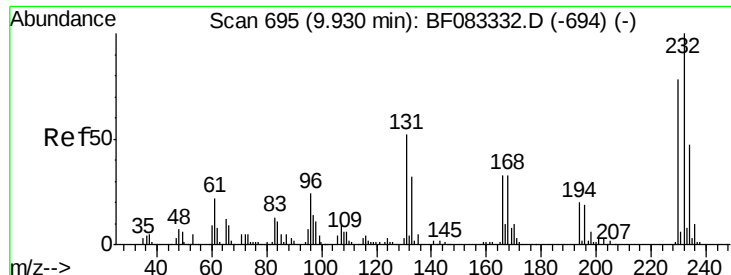
#57
Fluorene
Concen: 66.23 ng
RT: 10.15 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:166 Resp: 1454078
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 14.0 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

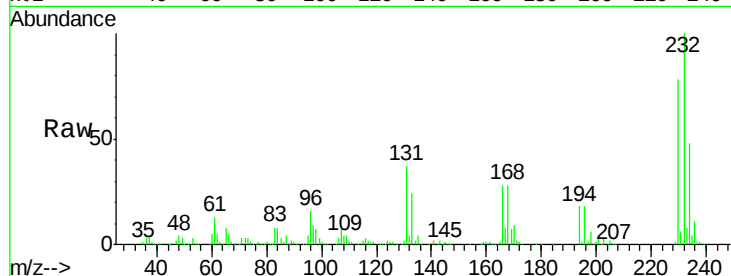




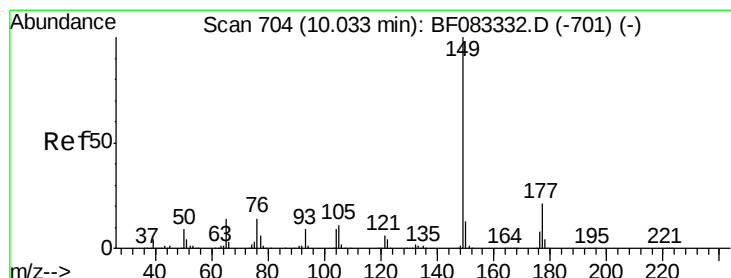
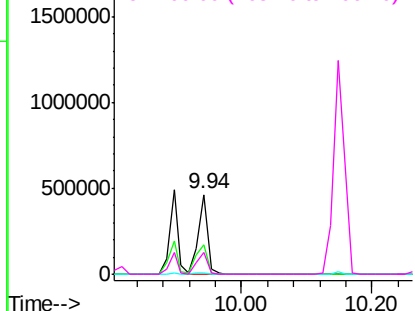
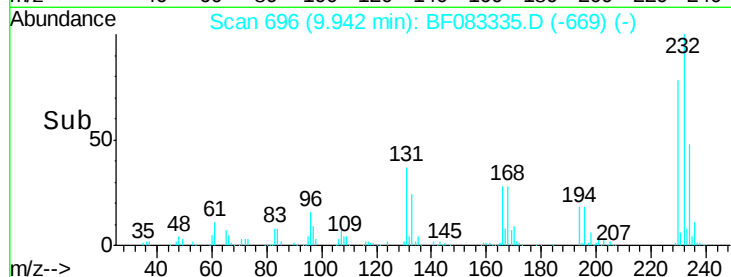
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 84.91 ng
 RT: 9.94 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 453066
 Ion Ratio Lower Upper
 232 100
 131 44.6 38.6 57.8
 130 2.0 1.9 2.9
 166 30.2 25.4 38.0

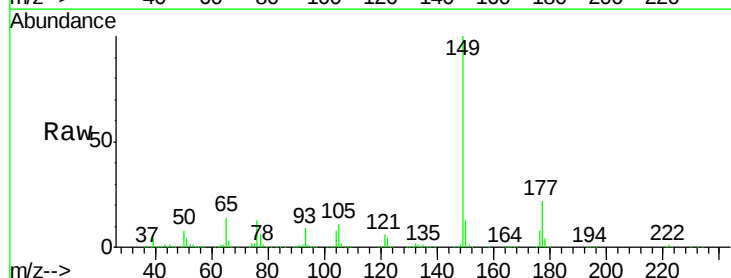


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

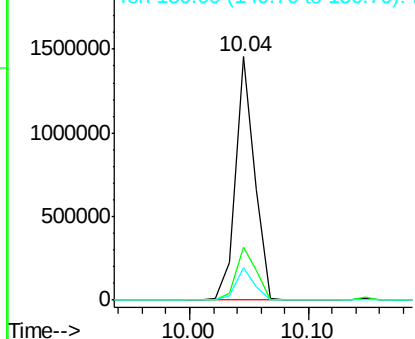
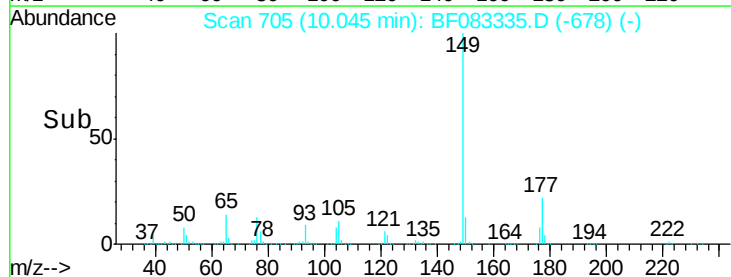


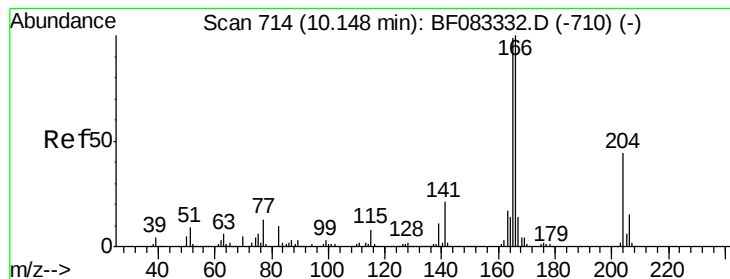
#59
 Diethylphthalate
 Concen: 73.15 ng
 RT: 10.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Tgt Ion:149 Resp: 1620514
 Ion Ratio Lower Upper
 149 100
 177 21.6 19.4 29.2
 150 13.4 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: 69.10 ng

RT: 10.15 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

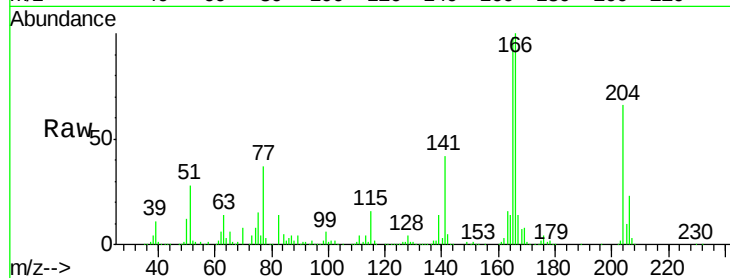
Tot Ion:204 Resp: 699978

Ion Ratio Lower Upper

204 100

206 34.8 27.4 41.0

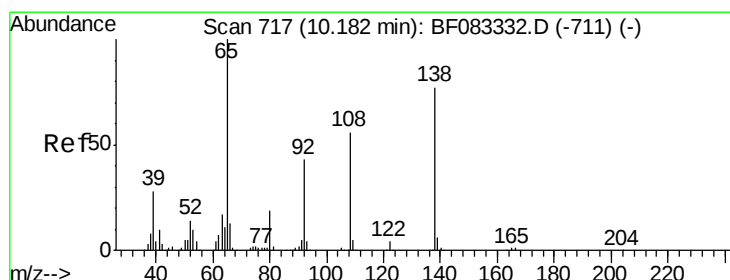
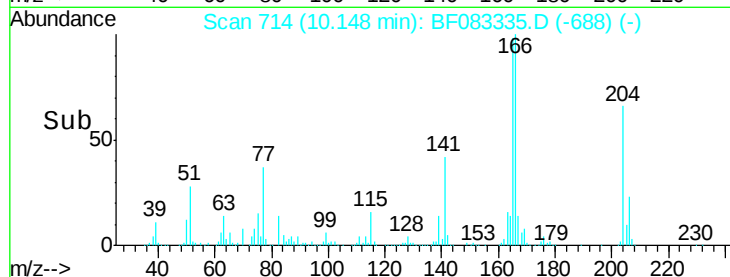
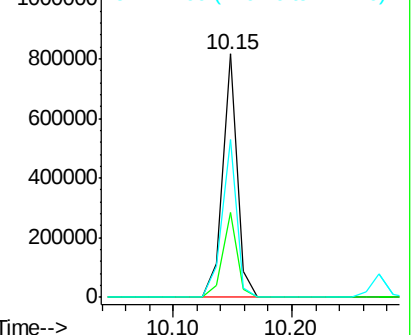
141 64.6 57.4 86.2



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: 86.52 ng

RT: 10.20 min Scan# 719

Delta R.T. 0.02 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

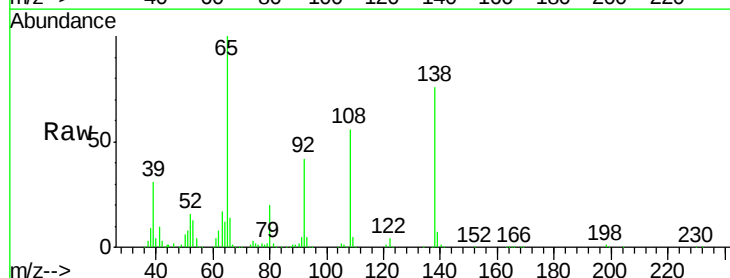
Tgt Ion:138 Resp: 463601

Ion Ratio Lower Upper

138 100

92 56.2 28.4 68.4

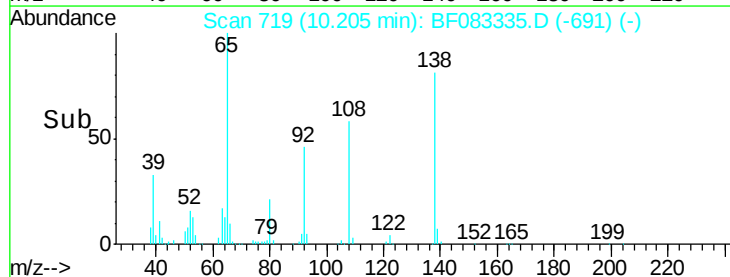
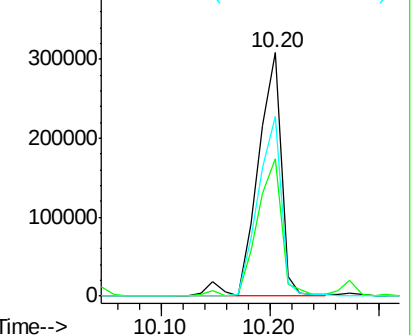
108 73.7 53.5 93.5

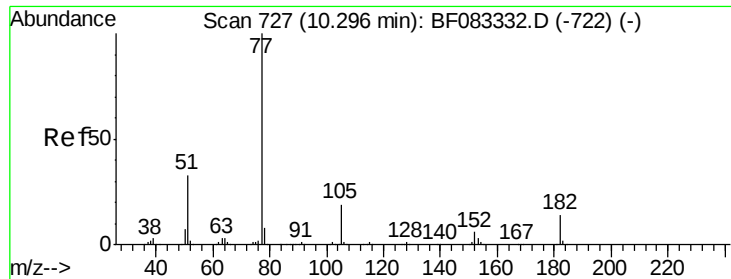


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 77.26 ng

RT: 10.31 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

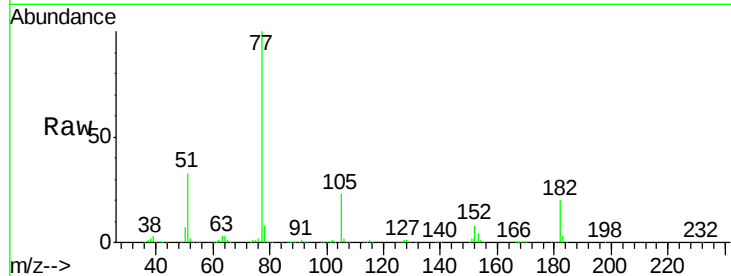
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2134028

Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	38.3
105	23.1	1.2	41.2
51	32.9	11.1	51.1

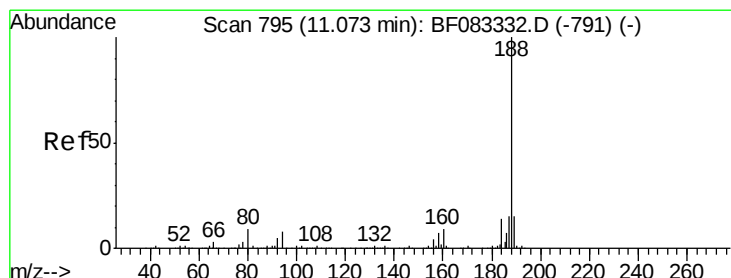
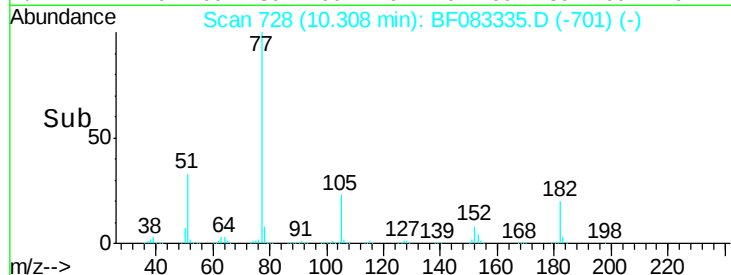


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.07 min Scan# 795

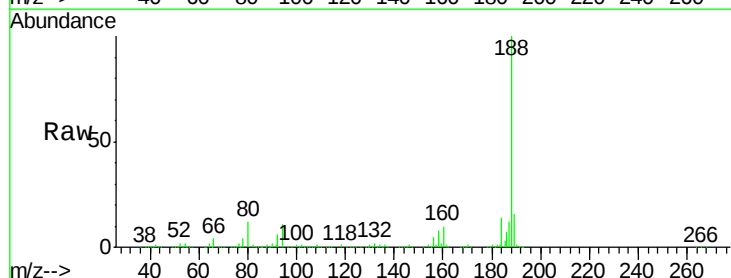
Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Tgt Ion:188 Resp: 549083

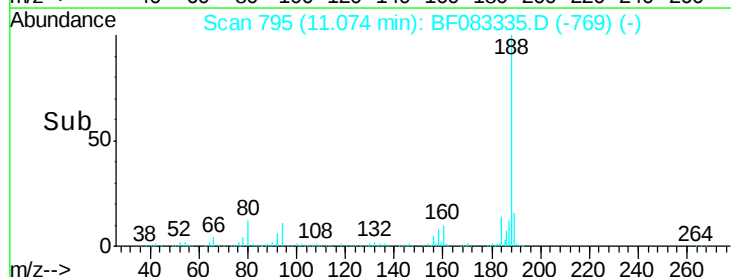
Ion	Ratio	Lower	Upper
188	100		
94	11.0	6.0	9.0#
80	12.3	6.7	10.1#

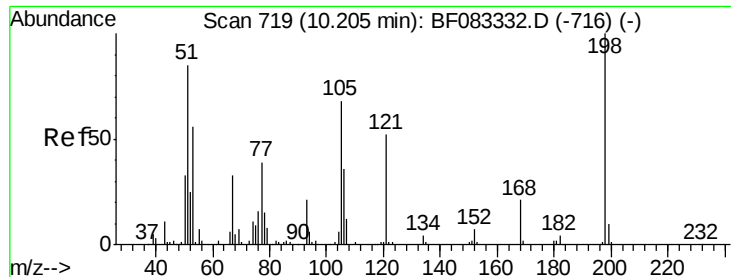


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

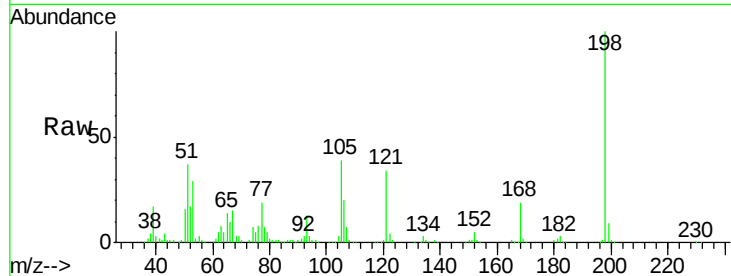




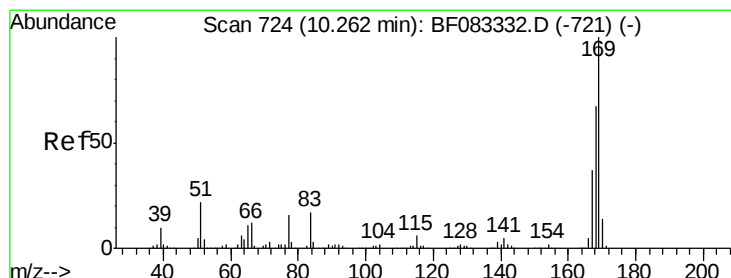
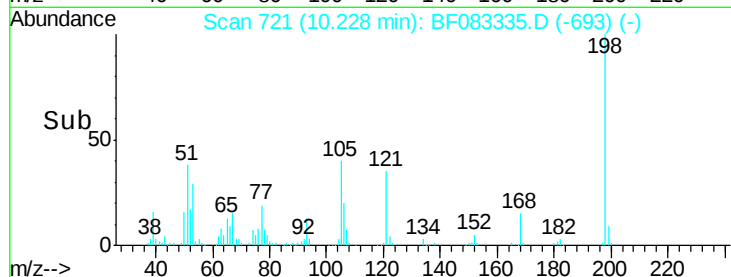
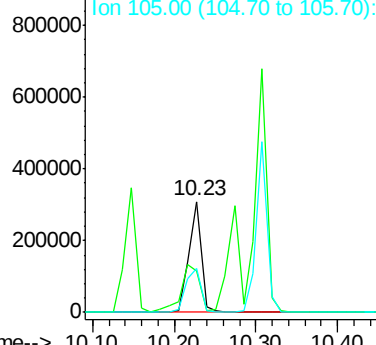
#64
4,6-Dinitro-2-methylphenol
Concen: 111.31 ng
RT: 10.23 min Scan# 721
Delta R.T. 0.02 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 330520
Ion Ratio Lower Upper
198 100
51 37.5 27.0 67.0
105 39.4 26.1 66.1

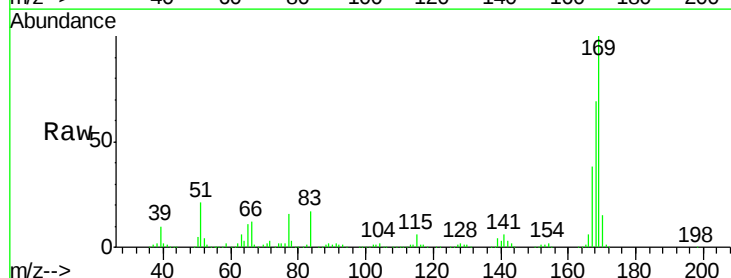


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

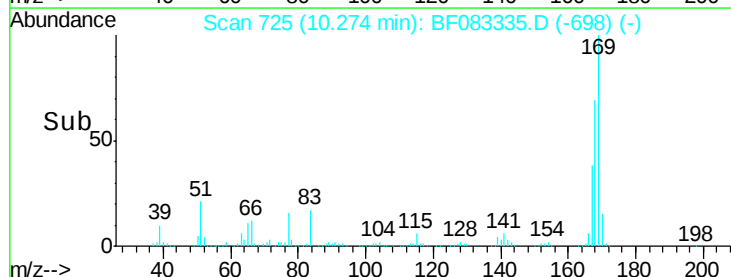
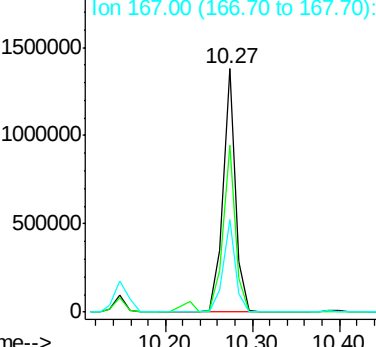


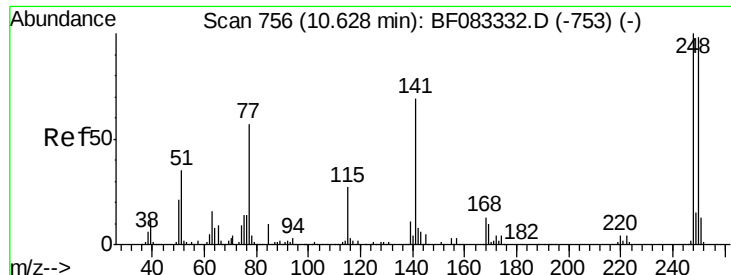
#65
n-Nitrosodiphenylamine
Concen: 69.17 ng
RT: 10.27 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:169 Resp: 1406293
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.6
167 38.3 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

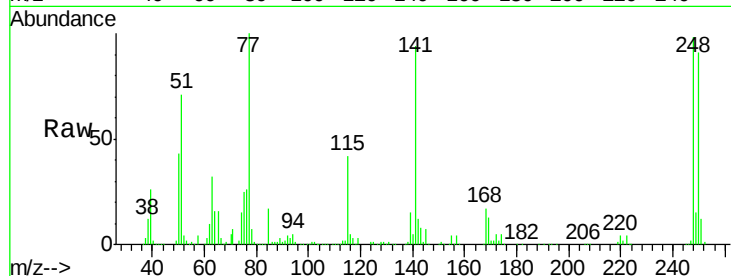




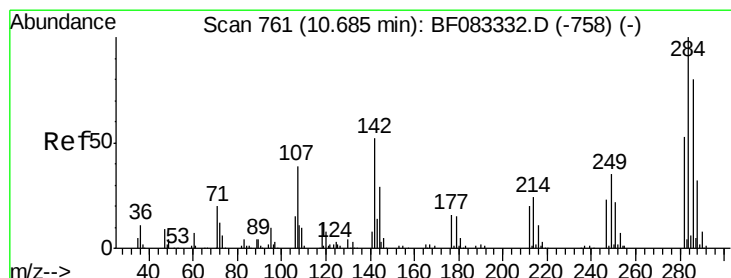
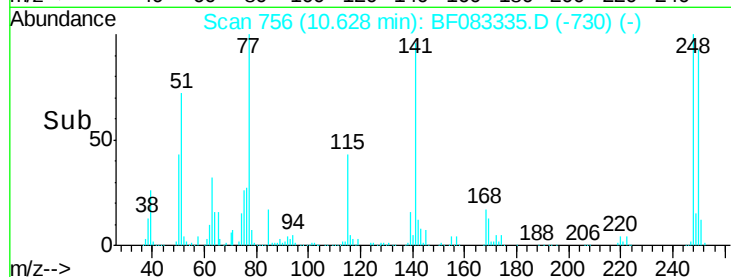
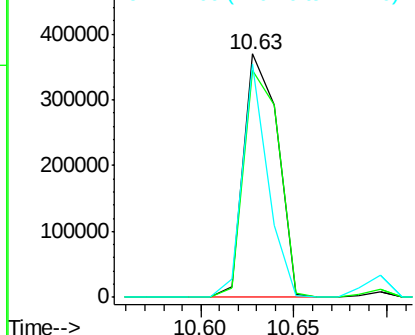
#66
4-Bromophenyl-phenylether
Concen: 75.01 ng
RT: 10.63 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 469185
Ion Ratio Lower Upper
248 100
250 93.0 75.4 113.2
141 95.7 48.1 72.1#

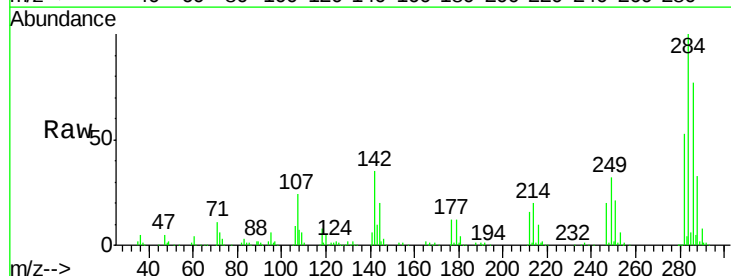


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

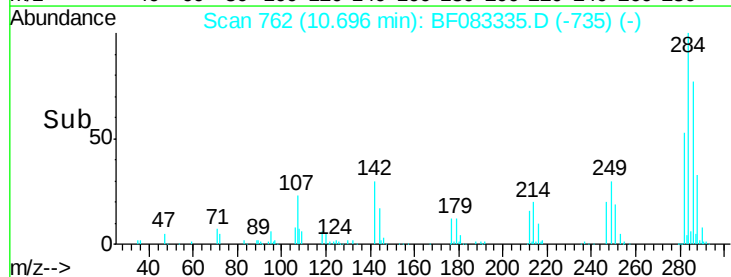
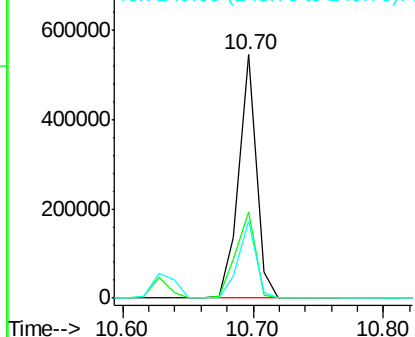


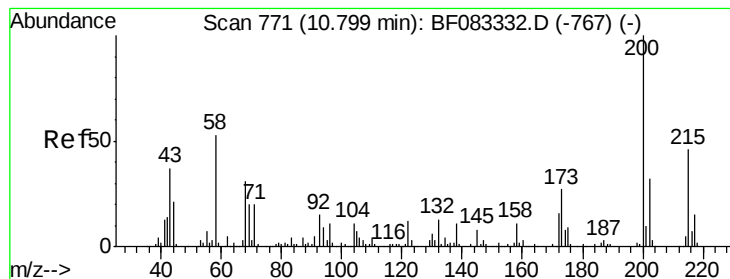
#67
Hexachlorobenzene
Concen: 73.15 ng
RT: 10.70 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:284 Resp: 512819
Ion Ratio Lower Upper
284 100
142 35.2 27.6 41.4
249 31.7 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: 78.41 ng

RT: 10.81 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

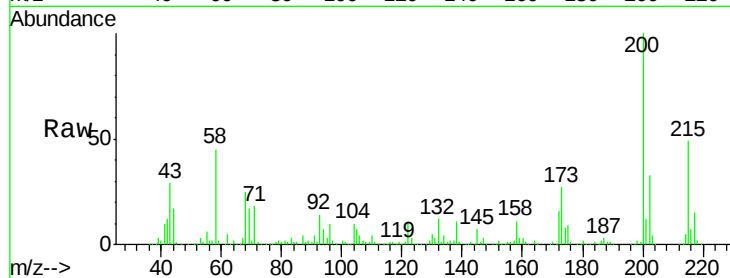
Tot Ion:200 Resp: 431893

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

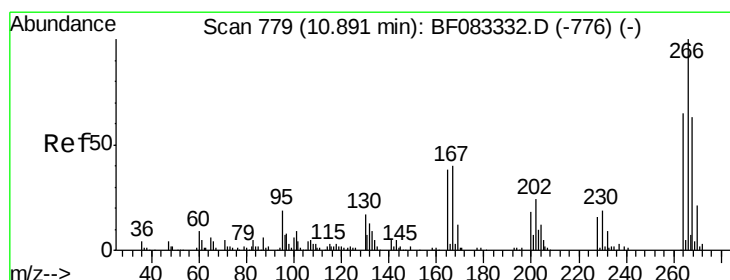
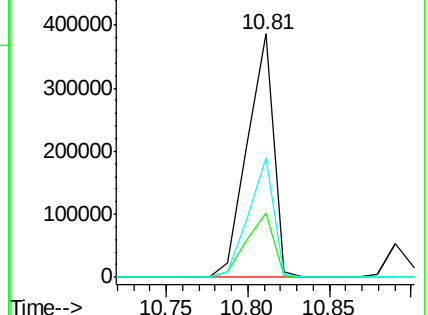
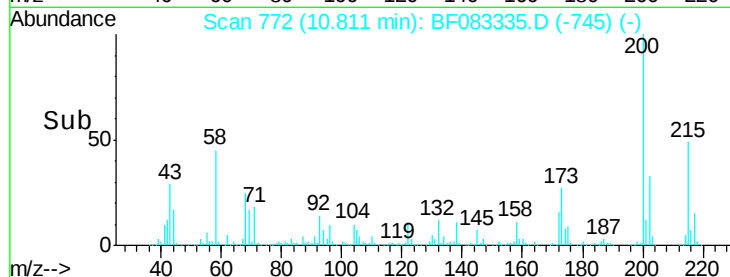
215 49.1 25.7 65.7



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: 93.26 ng

RT: 10.89 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

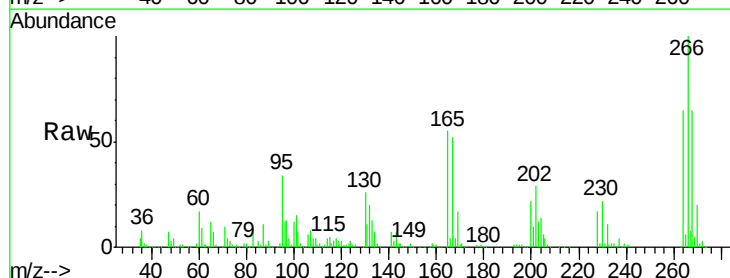
Tgt Ion:266 Resp: 278700

Ion Ratio Lower Upper

266 100

268 65.2 51.4 77.0

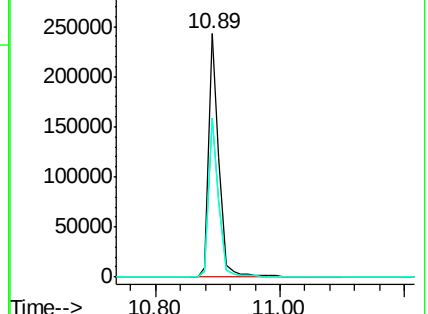
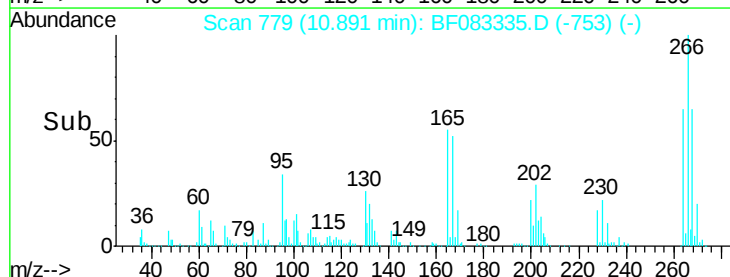
264 65.4 51.7 77.5

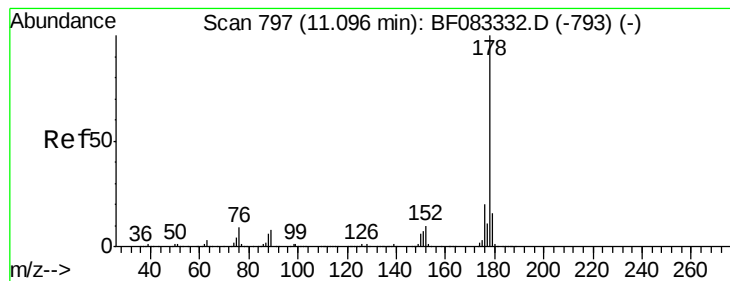


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 73.41 ng

RT: 11.10 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

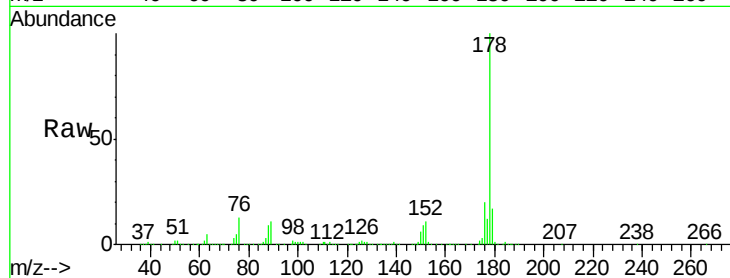
Tot Ion:178 Resp: 2402107

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

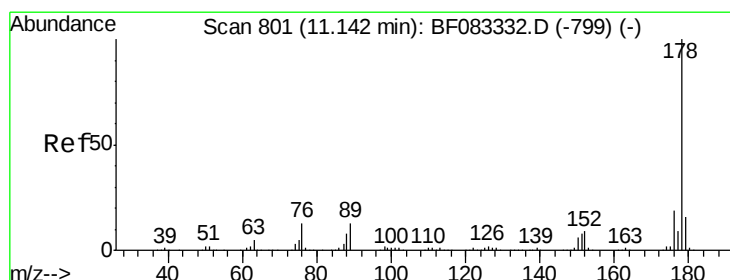
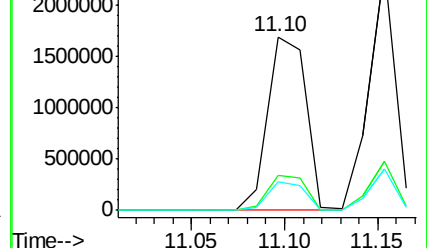
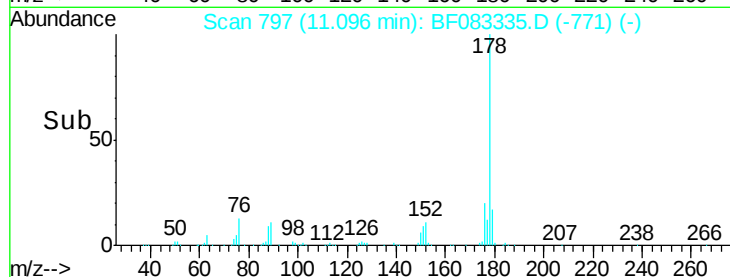
179 16.8 12.8 19.2



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: 68.16 ng

RT: 11.15 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

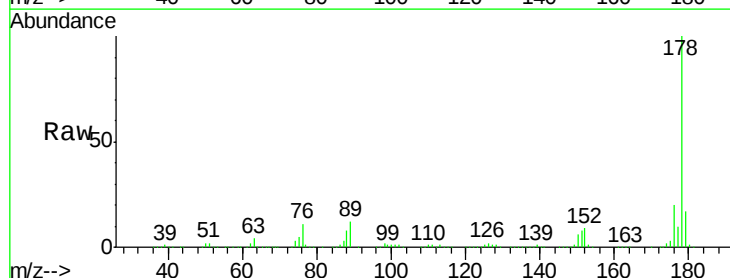
Tgt Ion:178 Resp: 2299606

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

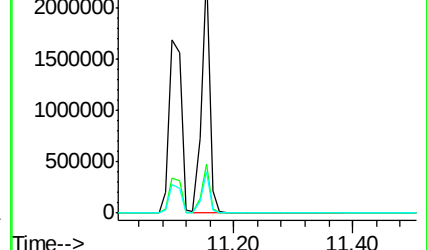
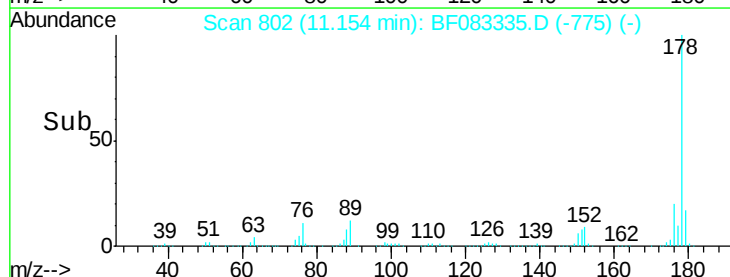
179 17.1 13.2 19.8

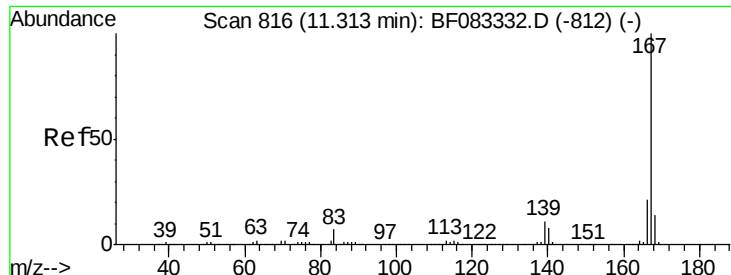


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 69.80 ng

RT: 11.31 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

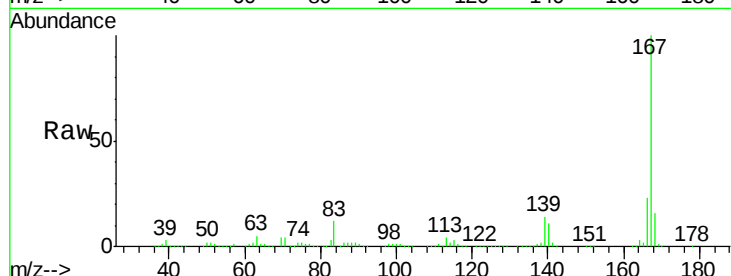
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1974022

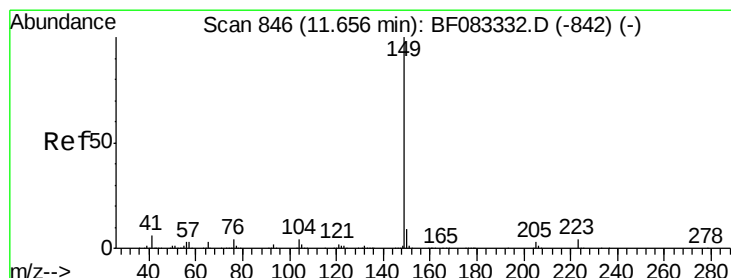
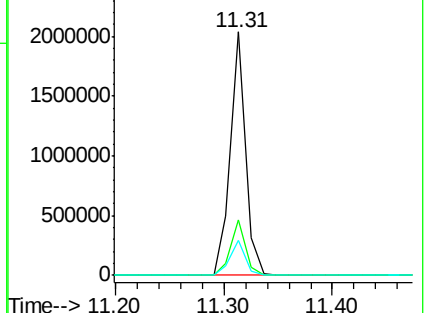
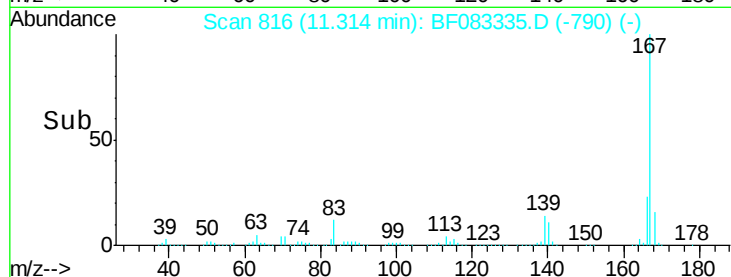
Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.0	27.0
139	14.3	10.5	15.7



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: 74.73 ng

RT: 11.66 min Scan# 846

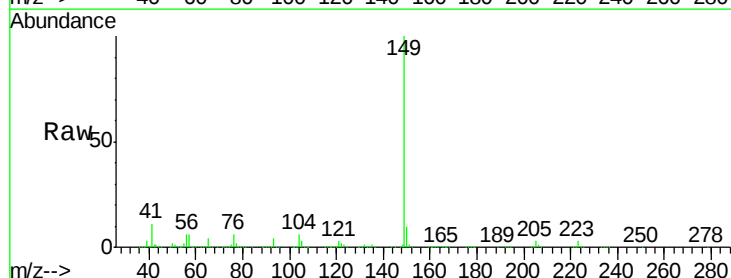
Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Tgt Ion:149 Resp: 2504785

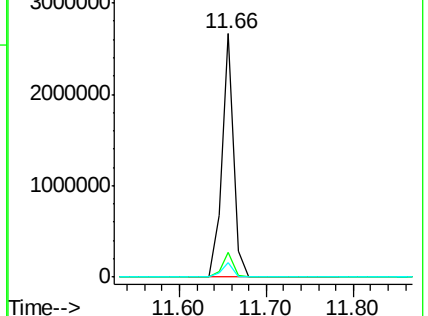
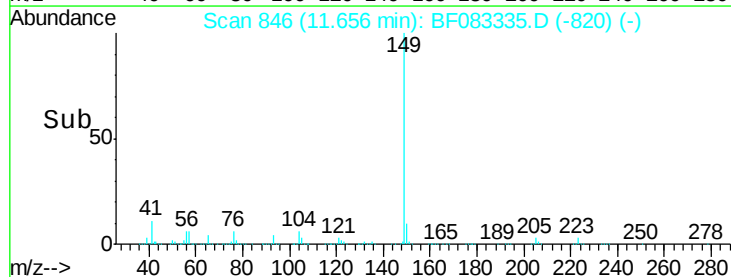
Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.0	12.0
104	5.8	4.4	6.6

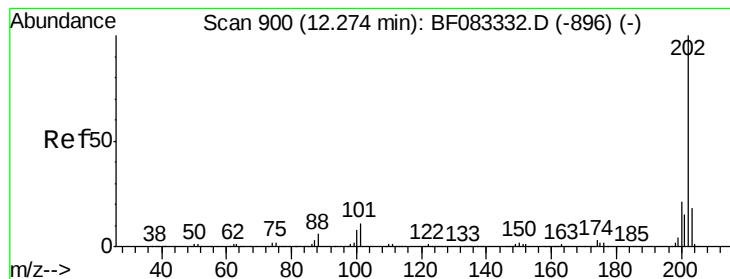


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 73.55 ng

RT: 12.27 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

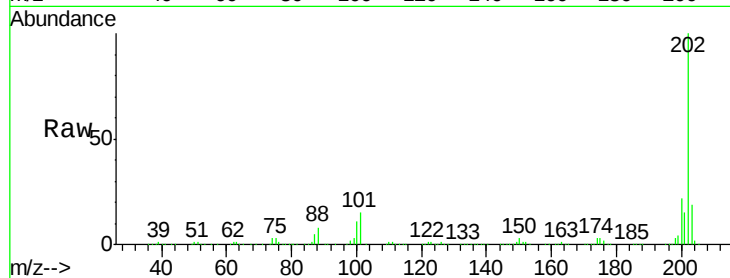
Tot Ion:202 Resp: 2227212

Ion Ratio Lower Upper

202 100

101 14.9 0.0 32.3

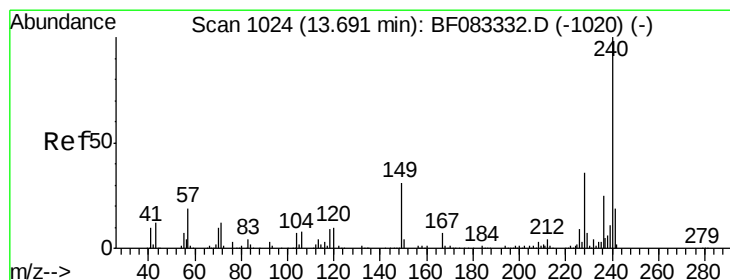
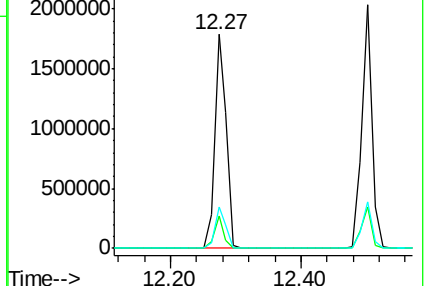
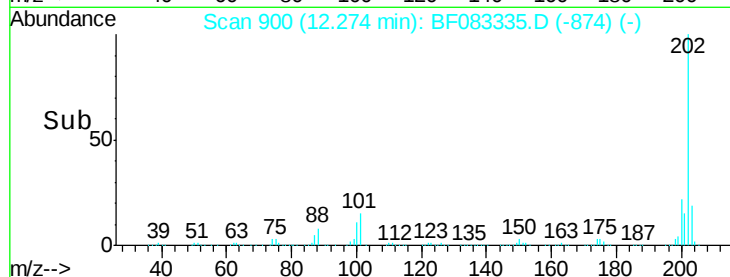
203 19.1 0.0 38.4



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: 13.69 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

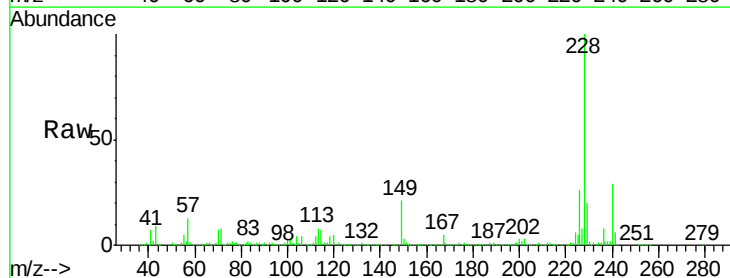
Tgt Ion:240 Resp: 318834

Ion Ratio Lower Upper

240 100

120 16.8 5.4 8.2#

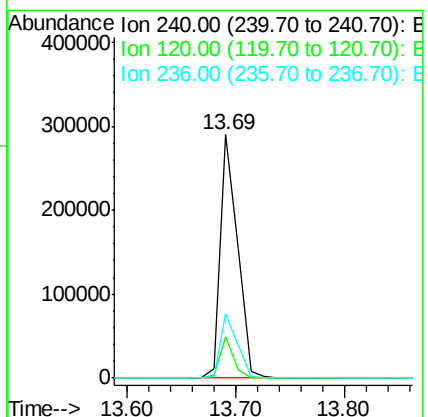
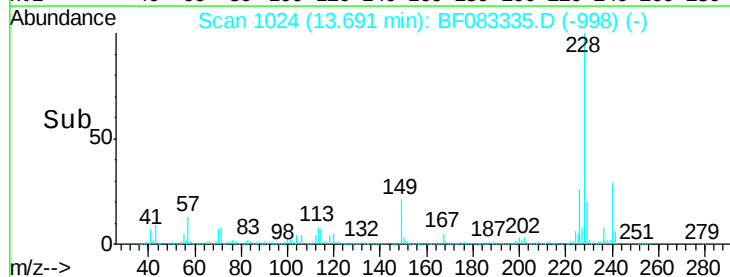
236 26.3 20.6 31.0

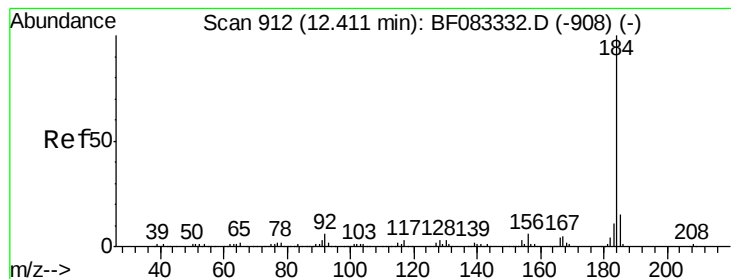


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 77.76 ng

RT: 12.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

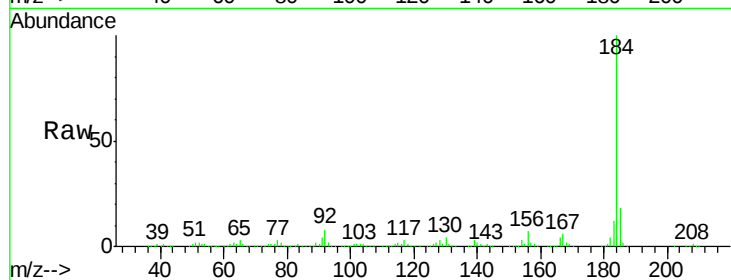
Tot Ion:184 Resp: 876099

Ion Ratio Lower Upper

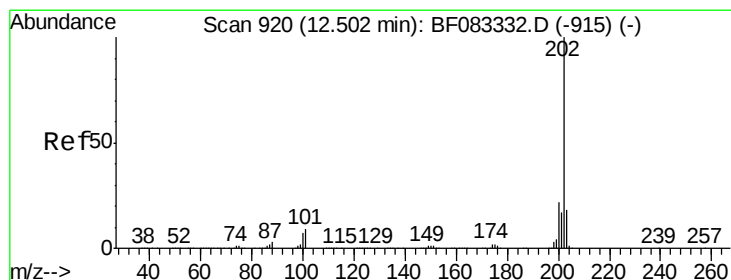
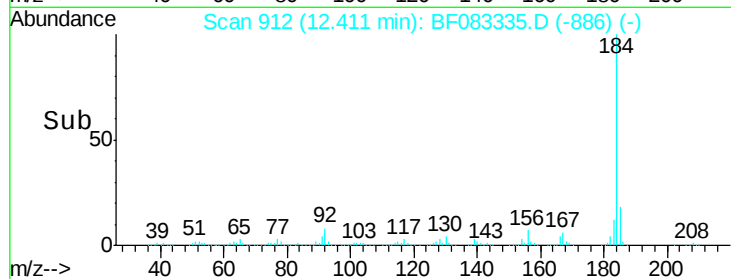
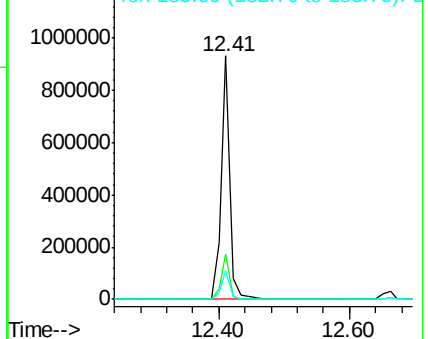
184 100

185 18.5 11.7 17.5#

183 11.7 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 82.13 ng

RT: 12.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

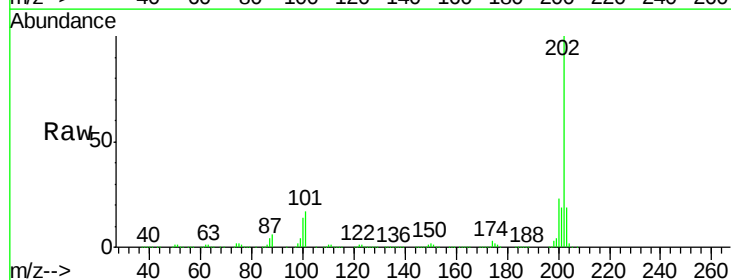
Tgt Ion:202 Resp: 2155200

Ion Ratio Lower Upper

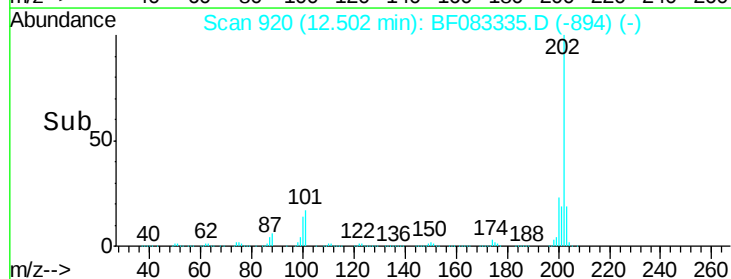
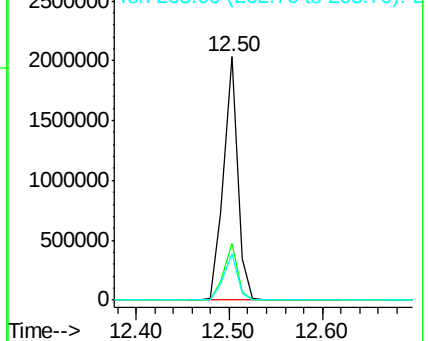
202 100

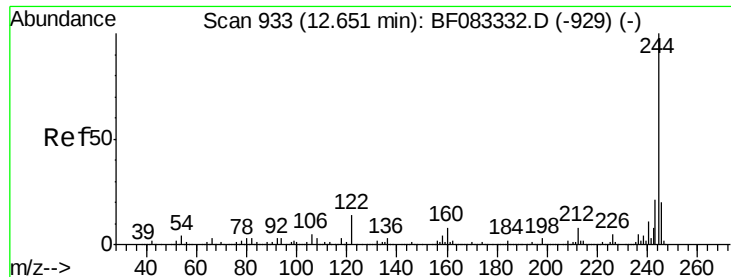
200 23.2 17.8 26.6

203 19.3 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

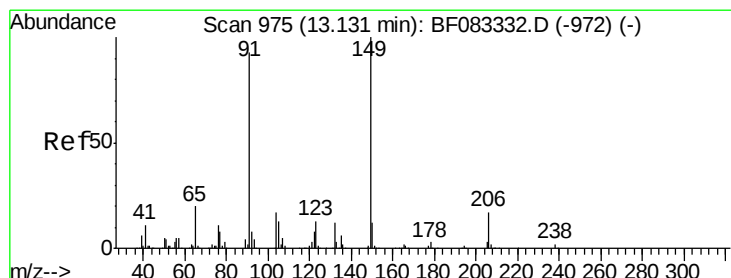
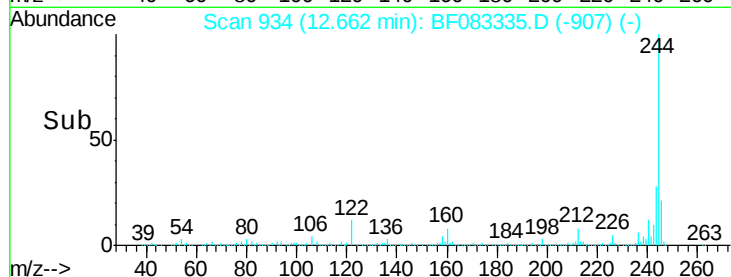
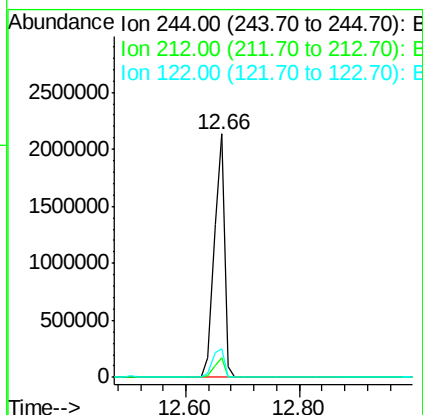
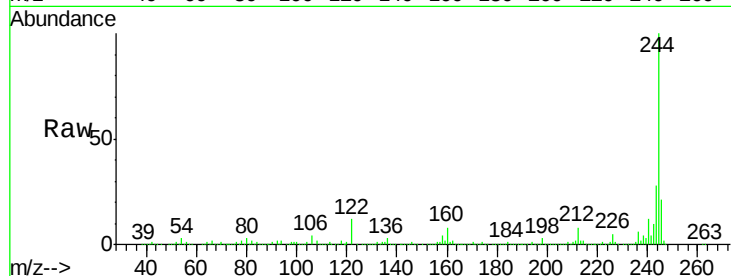




#78
 Terphenyl-d14
 Concen: 82.79 ng
 RT: 12.66 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

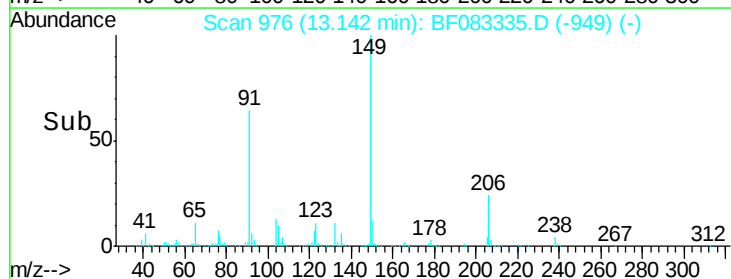
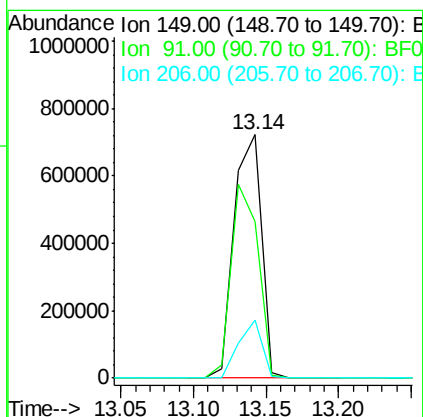
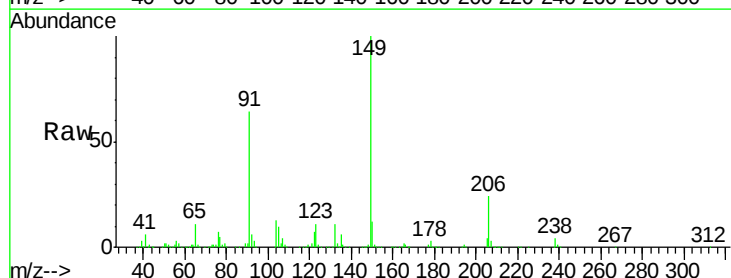
Instrument :
 BNA_F
 ClientSampleId :

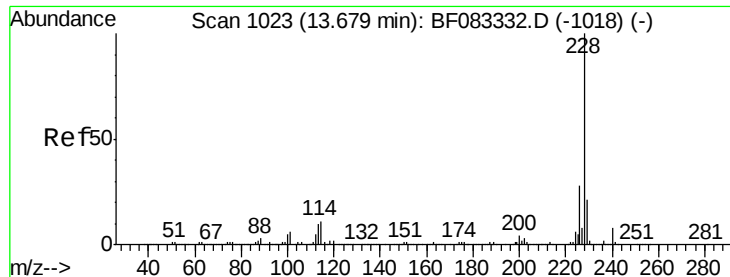
Tot Ion:244 Resp: 2575855
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.2#
 122 11.9 4.3 6.5#



#79
 Butylbenzylphthalate
 Concen: 100.48 ng
 RT: 13.14 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Tgt Ion:149 Resp: 950208
 Ion Ratio Lower Upper
 149 100
 91 64.2 61.5 92.3
 206 23.8 15.3 22.9#

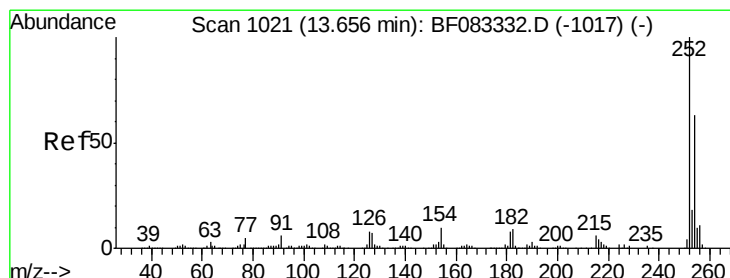
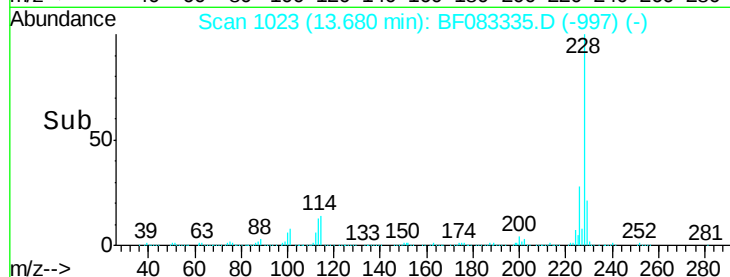
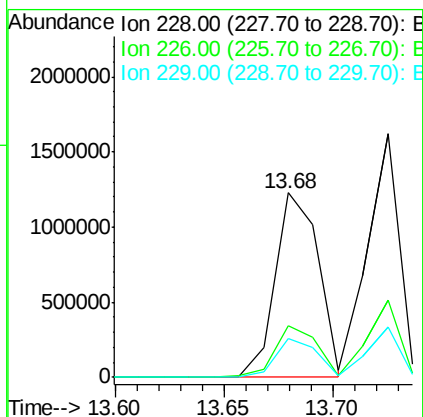
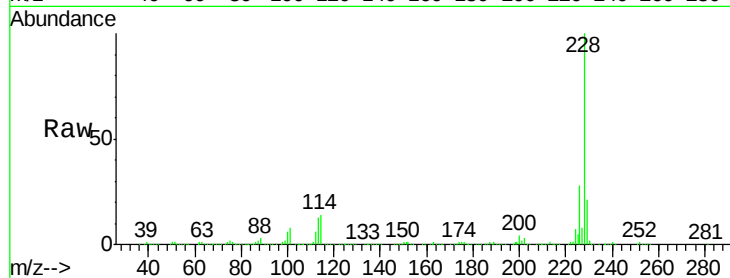




#80
Benzo(a)anthracene
Concen: 85.31 ng
RT: 13.68 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

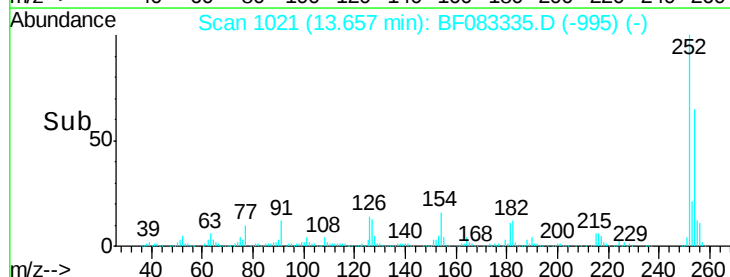
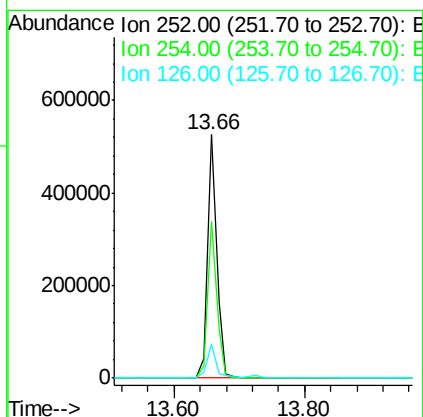
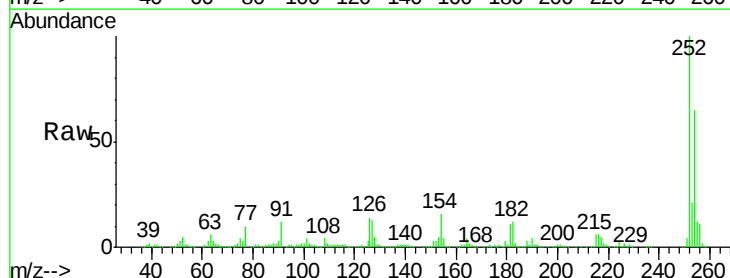
Instrument :
BNA_F
ClientSampled :

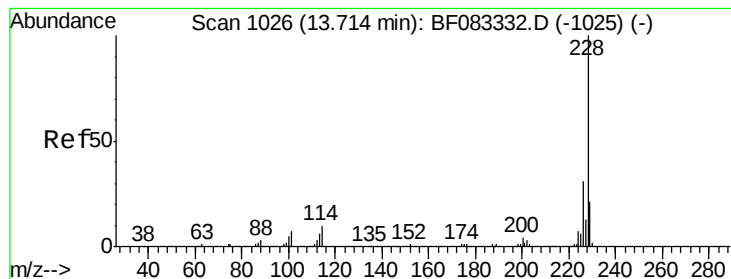
Tot Ion:228 Resp: 1705112
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 21.2 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 81.47 ng
RT: 13.66 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:252 Resp: 516881
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 13.8 5.2 7.8#





#82

Chrysene

Concen: 88.13 ng

RT: 13.73 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

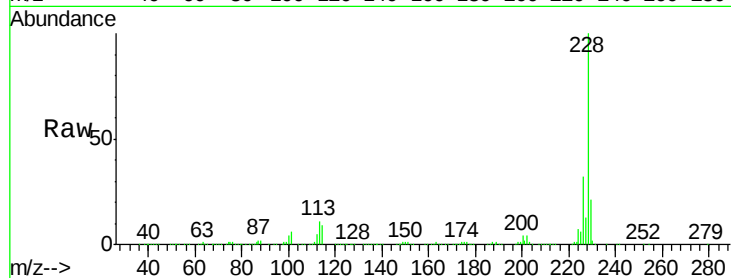
Tot Ion:228 Resp: 1659625

Ion Ratio Lower Upper

228 100

226 31.8 25.5 38.3

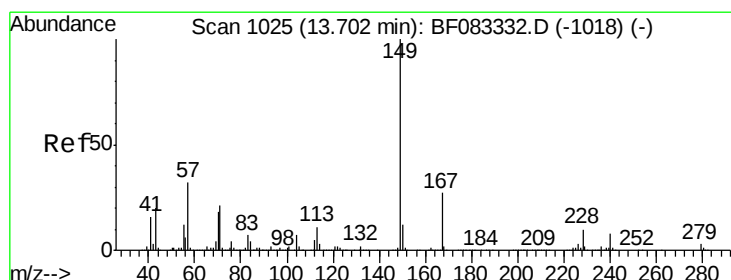
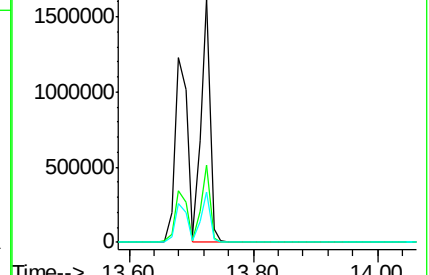
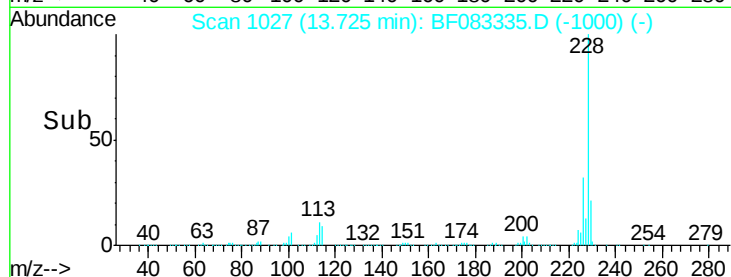
229 20.6 16.6 25.0



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: 90.19 ng

RT: 13.70 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

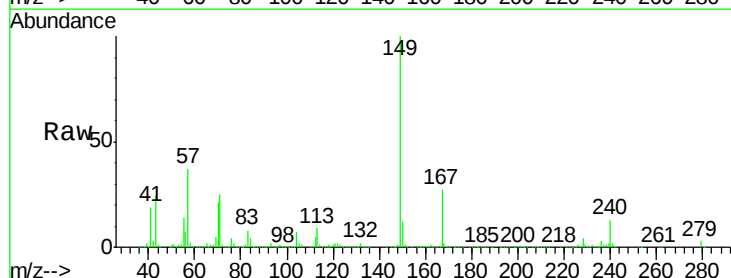
Tgt Ion:149 Resp: 1102114

Ion Ratio Lower Upper

149 100

167 26.9 20.1 30.1

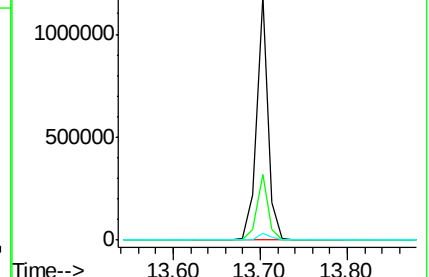
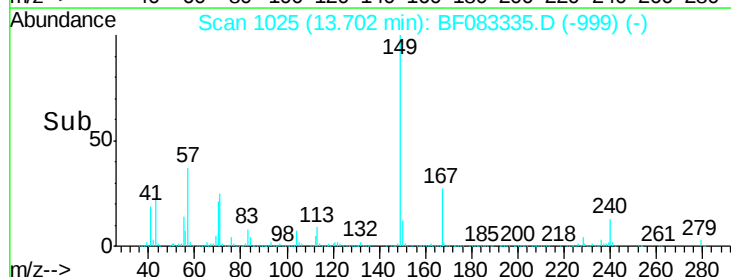
279 2.6 1.7 2.5#

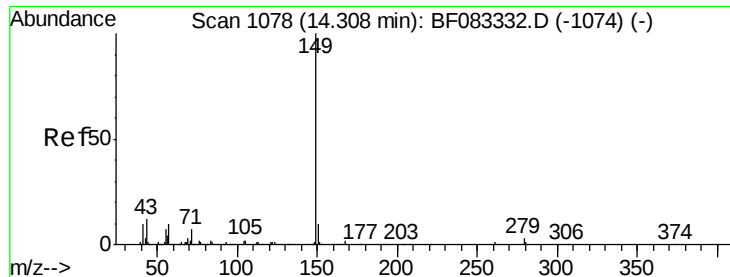


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 85.29 ng

RT: 14.31 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

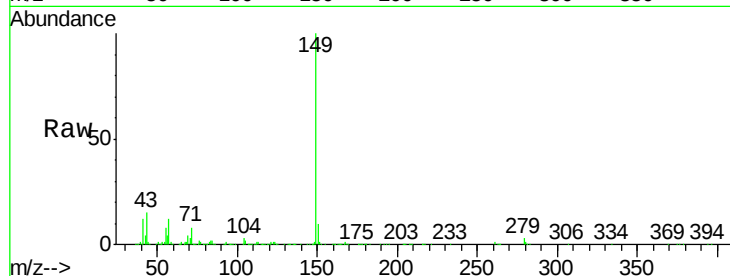
Tot Ion:149 Resp: 1708399

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

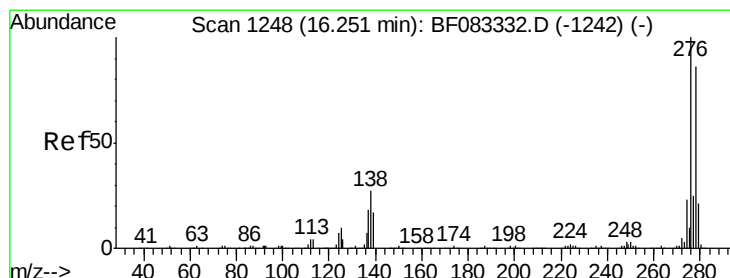
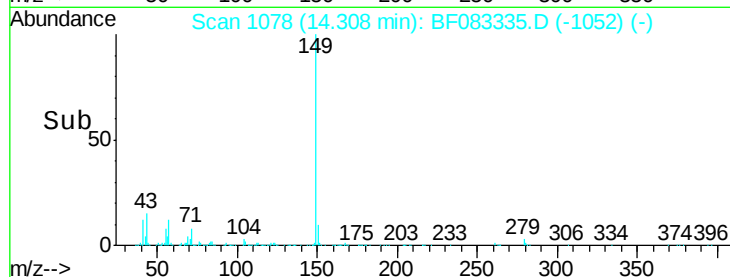
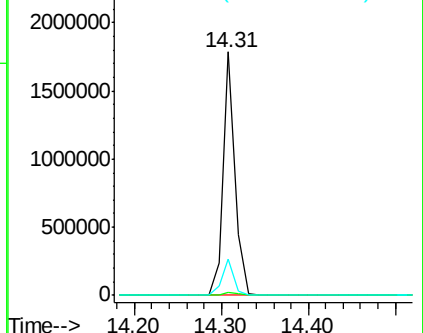
43 14.9 9.5 14.3#



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: 85.92 ng

RT: 16.26 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

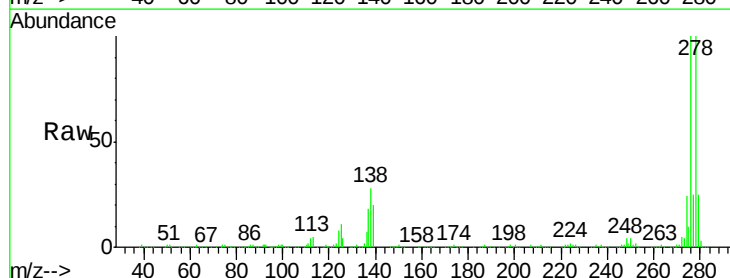
Tgt Ion:276 Resp: 1890717

Ion Ratio Lower Upper

276 100

138 26.1 18.0 27.0

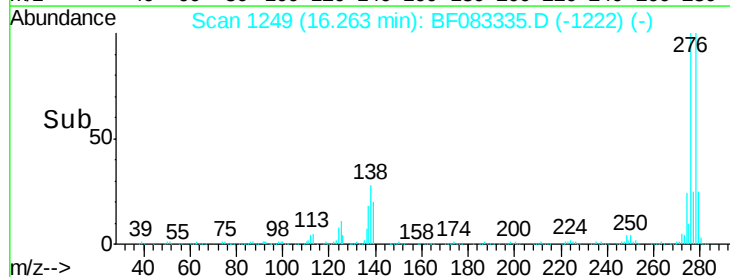
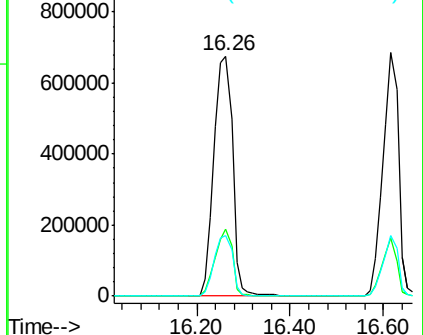
277 25.2 20.2 30.4

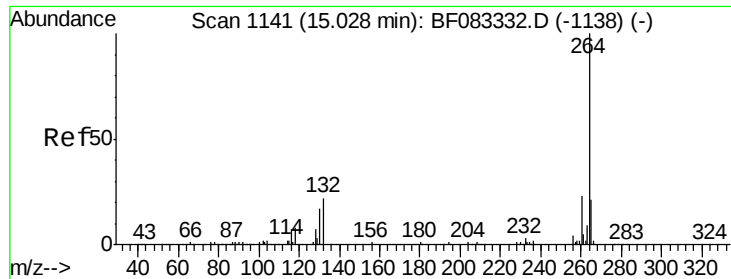


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

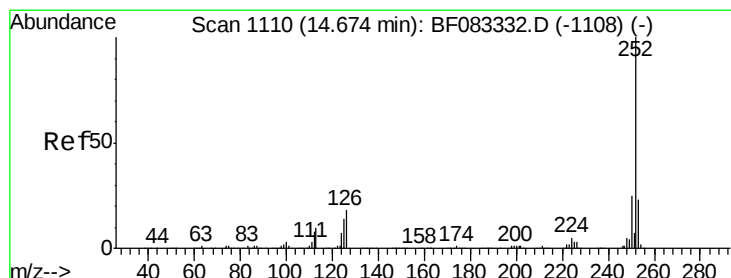
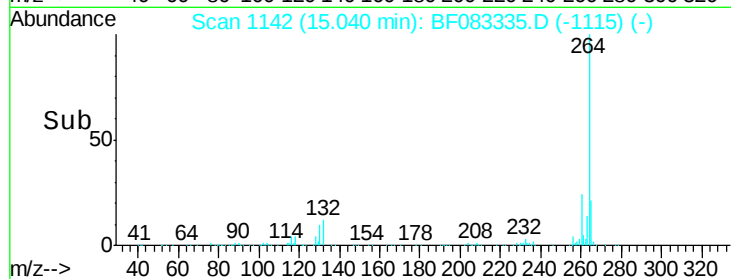
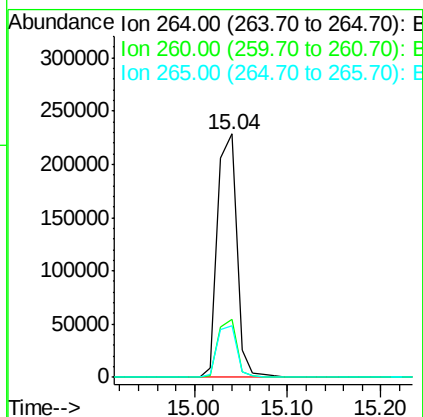
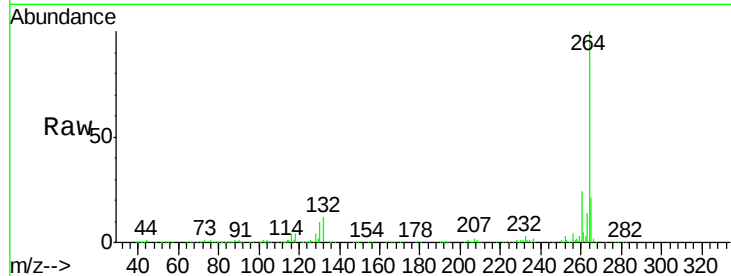




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

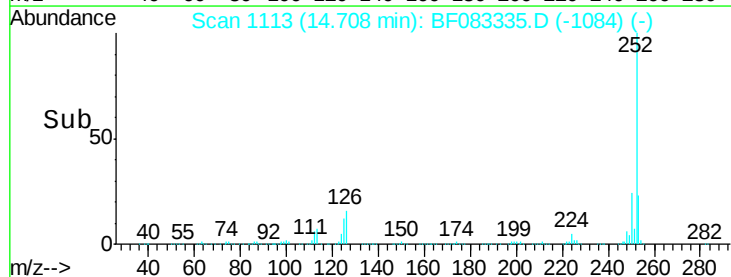
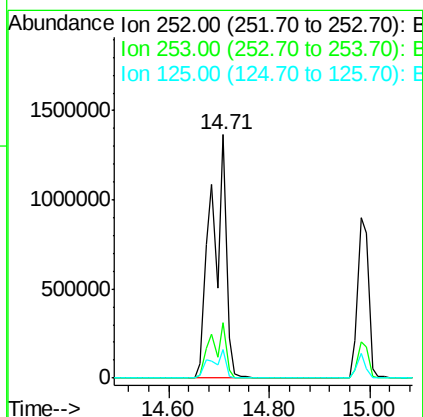
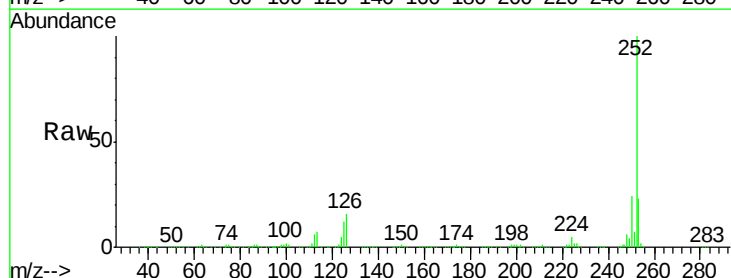
Instrument :
 BNA_F
 ClientSampleId :

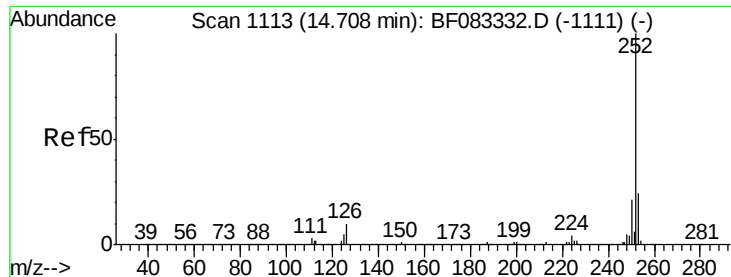
Tot Ion:264 Resp: 329212
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.1 18.2 27.4



#87
 Benzo(b)fluoranthene
 Concen: 124.28 ng
 RT: 14.71 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BF083335.D
 Acq: 27 Nov 2015 18:05

Tgt Ion:252 Resp: 2800145
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 11.5 5.6 8.4#

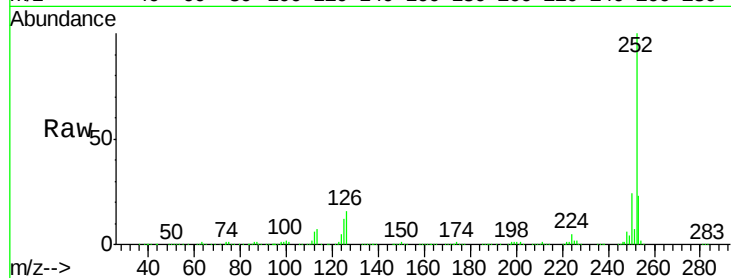




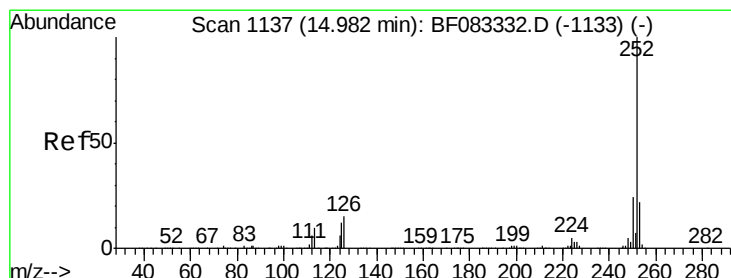
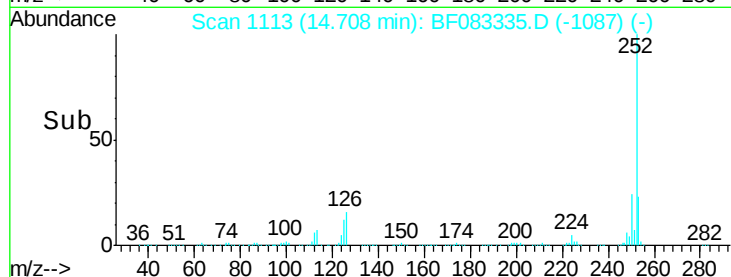
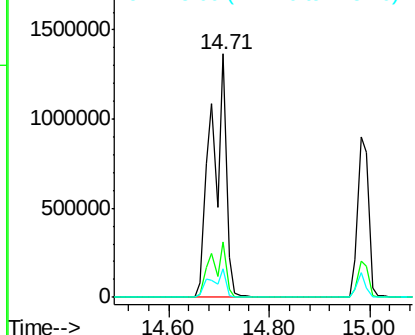
#88
Benzo(k)fluoranthene
Concen: 159.61 ng
RT: 14.71 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2800145
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.5 6.8 10.2#

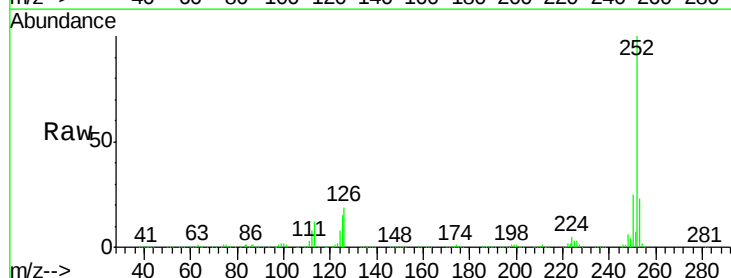


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

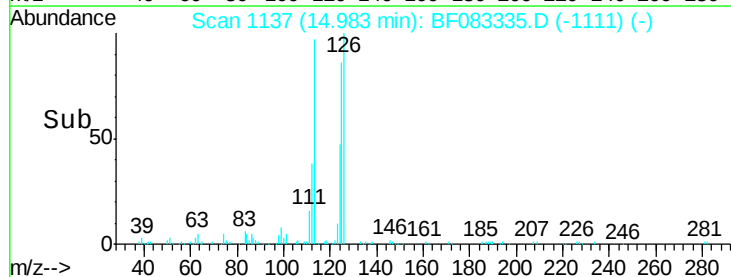
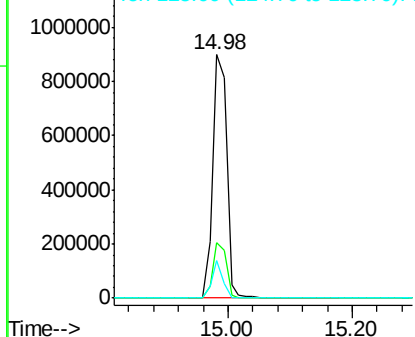


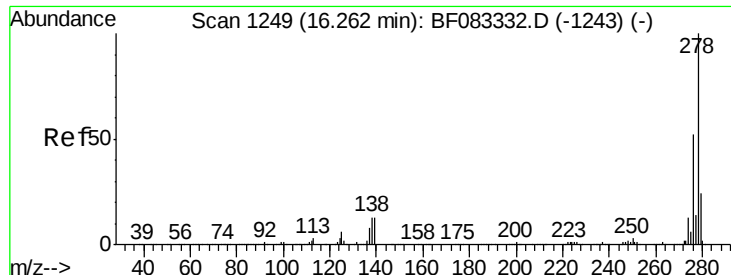
#89
Benzo(a)pyrene
Concen: 76.58 ng
RT: 14.98 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083335.D
Acq: 27 Nov 2015 18:05

Tgt Ion:252 Resp: 1380524
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 15.2 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: 76.10 ng

RT: 16.27 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

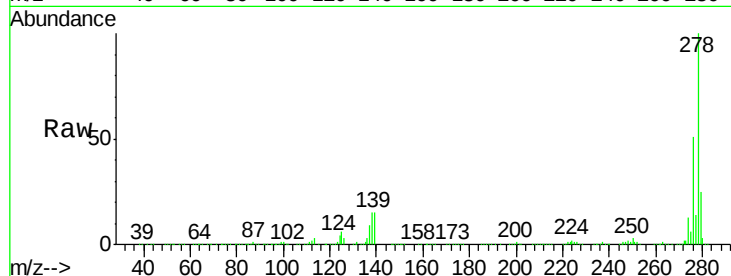
Tot Ion:278 Resp: 1539688

Ion Ratio Lower Upper

278 100

139 14.9 10.7 16.1

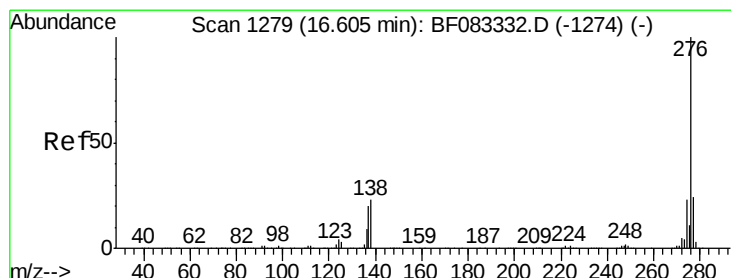
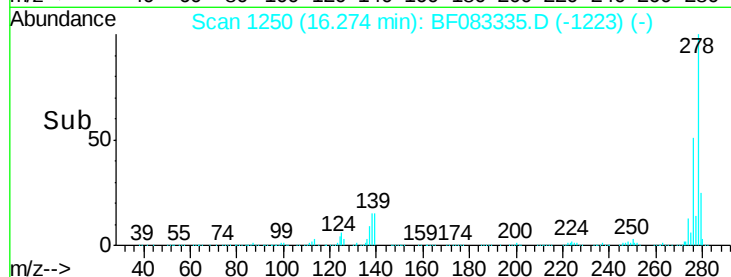
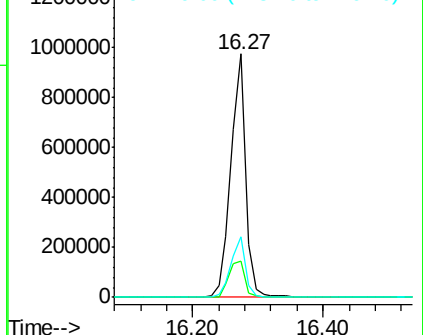
279 24.7 19.3 28.9



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: 78.02 ng

RT: 16.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF083335.D

Acq: 27 Nov 2015 18:05

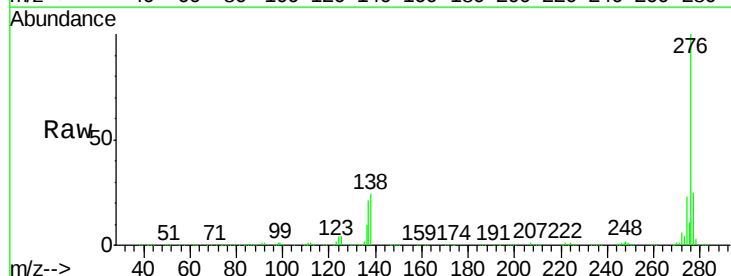
Tgt Ion:276 Resp: 1591863

Ion Ratio Lower Upper

276 100

277 24.8 18.7 28.1

138 24.1 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

