

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083336.D
 Acq On : 27 Nov 2015 18:57
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 19:22:36 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 19:11:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	156327	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	588245	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	298098	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	531981	20.00	ng	0.00
75) Chrysene-d12	13.69	240	345609	20.00	ng	0.00
86) Perylene-d12	15.04	264	311600	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	812449	75.82	ng	0.00
7) Phenol-d6	6.23	99	1064221	75.69	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1060753	79.66	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	212793	77.14	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1583924	75.85	ng	0.00
78) Terphenyl-d14	12.65	244	1228183	72.47	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	2.59	79	573996	42.54	ng	84
4) n-Nitrosodimethylamine	2.55	42	278759	41.05	ng	90
6) Aniline	6.23	93	742117	38.67	ng	100
8) 2-Chlorophenol	6.35	128	447928	38.89	ng	93
9) Benzaldehyde	6.10	77	278310	40.15	ng	98
10) Phenol	6.25	94	604711	35.62	ng	# 71
11) bis(2-Chloroethyl)ether	6.31	93	470348	37.48	ng	95
12) 1,3-Dichlorobenzene	6.73	146	427906	33.77	ng	95
13) 1,4-Dichlorobenzene	6.58	146	520656	39.44	ng	95
14) 1,2-Dichlorobenzene	6.73	146	432865	35.62	ng	95
15) Benzyl Alcohol	6.73	79	430280	39.67	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	818824	37.65	ng	98
17) 2-Methylphenol	6.86	107	380712	40.42	ng	93
18) Hexachloroethane	7.07	117	178640	37.94	ng	# 83
19) n-Nitroso-di-n-propylamine	6.99	70	359793	36.22	ng	96
20) 3+4-Methylphenols	7.02	107	503046	39.50	ng	98
22) Acetophenone	6.99	105	664813	38.19	ng	# 92
24) Nitrobenzene	7.15	77	504245	35.27	ng	97
25) Isophorone	7.40	82	965837	37.65	ng	99
26) 2-Nitrophenol	7.47	139	220548	37.23	ng	# 82
27) 2,4-Dimethylphenol	7.54	122	381711	38.89	ng	90
28) bis(2-Chloroethoxy)methane	7.62	93	569405	39.26	ng	99
29) 2,4-Dichlorophenol	7.72	162	356136	37.95	ng	95
30) 1,2,4-Trichlorobenzene	7.80	180	386555	37.81	ng	98
31) Naphthalene	7.87	128	1208773	37.53	ng	99
32) Benzoic acid	7.68	122	192158	38.51	ng	92
33) 4-Chloroaniline	7.94	127	529805	39.66	ng	# 88
34) Hexachlorobutadiene	8.00	225	221513	37.80	ng	99
35) Caprolactam	8.32	113	112951	42.30	ng	88
36) 4-Chloro-3-methylphenol	8.43	107	362974	35.34	ng	# 83
37) 2-Methylnaphthalene	8.57	142	808993	38.88	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	343724	35.51	ng	99
40) Hexachlorocyclopentadiene	8.73	237	167110	35.14	ng	98
42) 2,4,6-Trichlorophenol	8.86	196	260252	38.87	ng	98

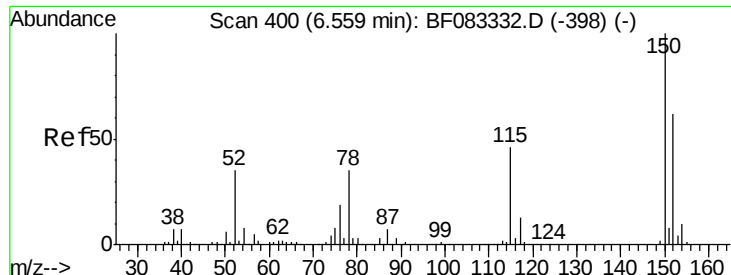
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083336.D
 Acq On : 27 Nov 2015 18:57
 Operator : UM/IZ
 Sample : SSTDICV040
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Quant Time: Nov 27 19:22:36 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 19:11:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	257181	37.68	nq	97
45) 1,1'-Biphenyl	9.03	154	921221	34.92	nq	96
46) 2-Chloronaphthalene	9.05	162	738875	36.78	nq	95
47) 2-Nitroaniline	9.15	65	266137	34.64	nq	94
48) Acenaphthylene	9.46	152	1226564	39.13	nq	100
49) Dimethylphthalate	9.35	163	906932	40.18	nq	99
50) 2,6-Dinitrotoluene	9.40	165	203956	40.19	nq	# 68
51) Acenaphthene	9.63	154	699324	38.26	nq	100
52) 3-Nitroaniline	9.58	138	214691	36.97	nq	99
53) 2,4-Dinitrophenol	9.68	184	73958	45.62	nq	# 82
54) Dibenzofuran	9.80	168	983685	37.72	nq	100
55) 4-Nitrophenol	9.76	139	129302	41.29	nq	# 81
56) 2,4-Dinitrotoluene	9.80	165	259469	41.26	nq	85
57) Fluorene	10.15	166	849989	40.26	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	196545	37.04	nq	98
59) Diethylphthalate	10.03	149	805909	37.36	nq	95
60) 4-Chlorophenyl-phenylether	10.15	204	374102	38.21	nq	# 79
61) 4-Nitroaniline	10.18	138	208942	39.10	nq	93
62) Azobenzene	10.30	77	1007763	37.19	nq	94
64) 4,6-Dinitro-2-methylphenol	10.20	198	123097	37.31	nq	# 45
65) n-Nitrosodiphenylamine	10.26	169	673023	34.84	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	229042	38.14	nq	# 92
67) Hexachlorobenzene	10.70	284	246036	36.67	nq	# 77
68) Atrazine	10.80	200	208616	39.20	nq	98
69) Pentachlorophenol	10.89	266	133531	40.20	nq	95
70) Phenanthrene	11.10	178	1162592	37.11	nq	100
71) Anthracene	11.15	178	1176610	36.77	nq	98
72) Carbazole	11.31	167	1057288	39.30	nq	99
73) Di-n-butylphthalate	11.66	149	1284073	39.92	nq	98
74) Fluoranthene	12.27	202	1069249	36.87	nq	99
76) Benzidine	12.41	184	448192	36.84	nq	97
77) Pyrene	12.50	202	1124357	39.38	nq	98
79) Butylbenzylphthalate	13.13	149	391444	36.84	nq	# 80
80) Benzo(a)anthracene	13.68	228	803021	36.72	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	255912	37.12	nq	# 98
82) Chrysene	13.71	228	719587	34.75	nq	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	500830	37.13	nq	# 97
84) Di-n-octyl phthalate	14.31	149	805322	36.74	nq	96
85) Indeno(1,2,3-cd)pyrene	16.25	276	899883	37.33	nq	96
87) Benzo(b)fluoranthene	14.71	252	1339187	63.49	nq	99
88) Benzo(k)fluoranthene	14.71	252	1339187	83.03	nq	# 97
89) Benzo(a)pyrene	14.98	252	644470	38.00	nq	# 95
90) Dibenzo(a,h)anthracene	16.26	278	754205	39.66	nq	99
91) Benzo(q,h,i)perylene	16.61	276	758065	39.39	nq	# 94

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

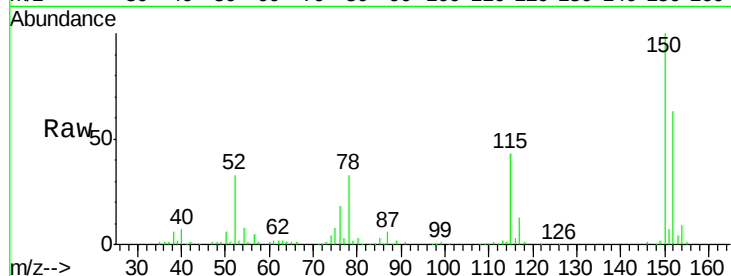


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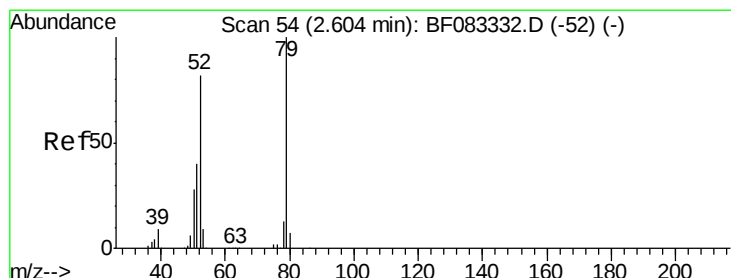
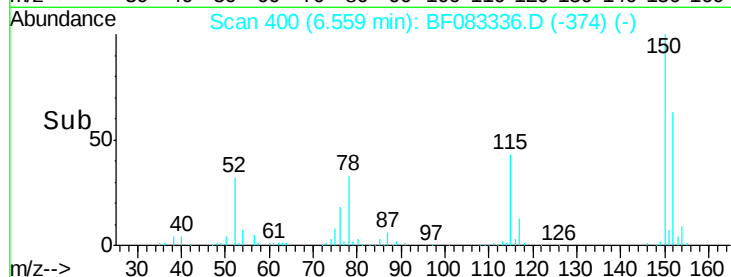
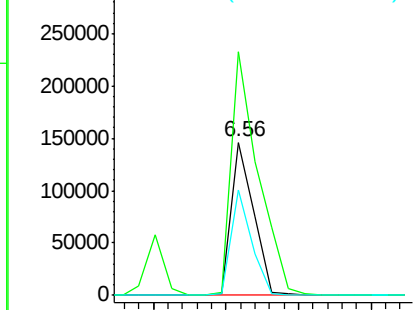
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156327
Ion Ratio Lower Upper
152 100
150 158.8 125.8 188.8
115 68.6 46.9 70.3



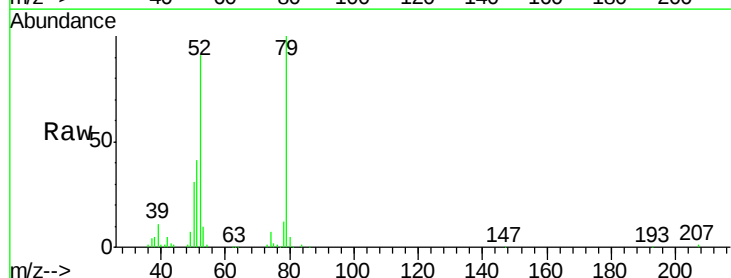
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



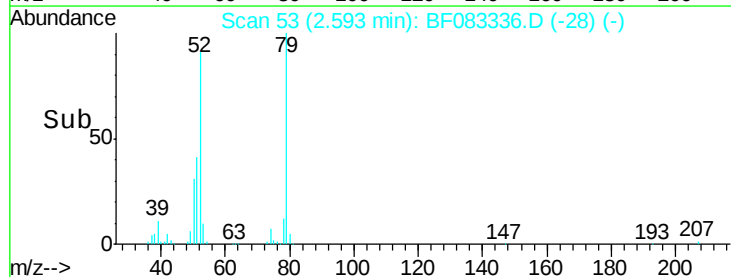
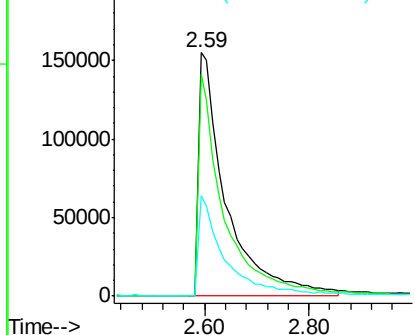
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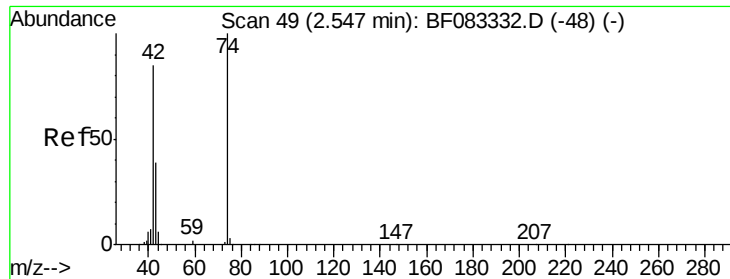
Pyridine
Concen: 42.54 ng
RT: 2.59 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion: 79 Resp: 573996
Ion Ratio Lower Upper
79 100
52 90.9 60.7 91.1
51 41.4 27.9 41.9



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



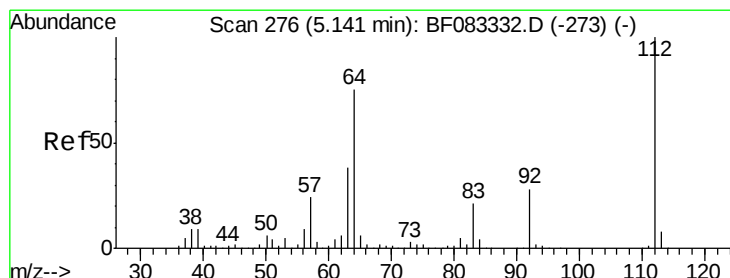
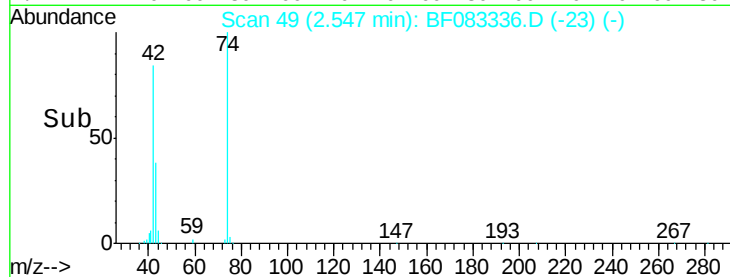
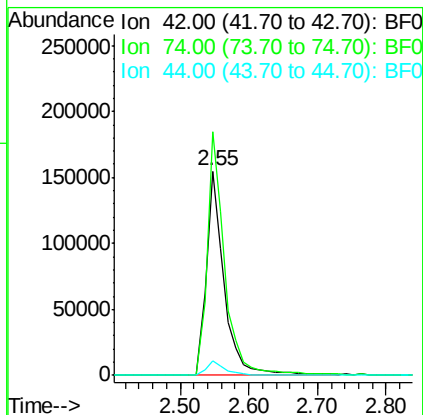
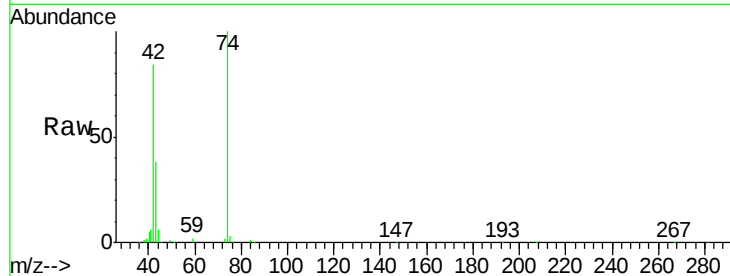


#4

n-Nitrosodimethylamine
 Concen: 41.05 ng
 RT: 2.55 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampled :

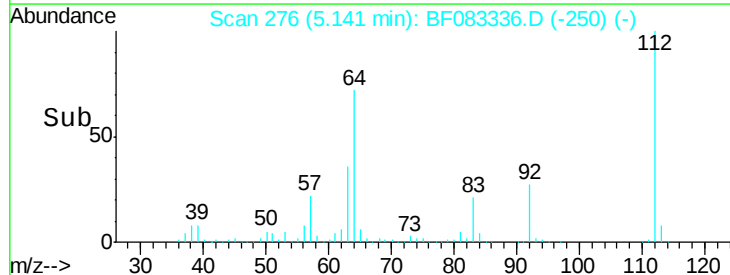
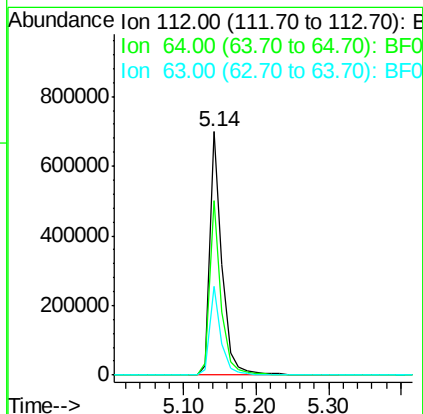
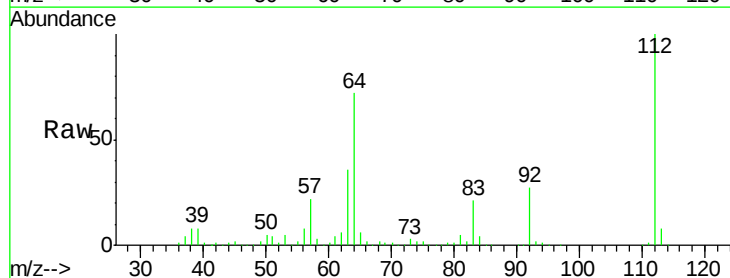
Tot Ion: 42 Resp: 278759
 Ion Ratio Lower Upper
 42 100
 74 119.3 104.8 157.2
 44 6.8 6.2 9.4

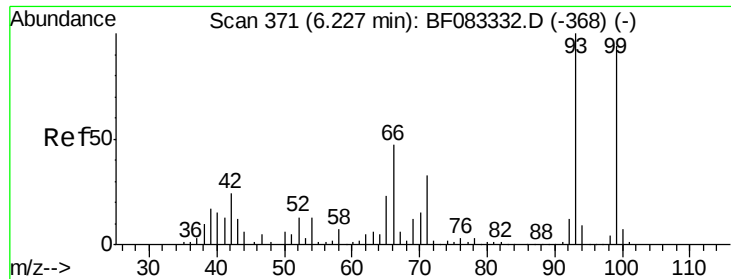


#5

2-Fluorophenol
 Concen: 75.82 ng
 RT: 5.14 min Scan# 276
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion: 112 Resp: 812449
 Ion Ratio Lower Upper
 112 100
 64 71.5 58.4 87.6
 63 36.4 30.0 45.0





#6

Aniline

Concen: 38.67 ng

RT: 6.23 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :

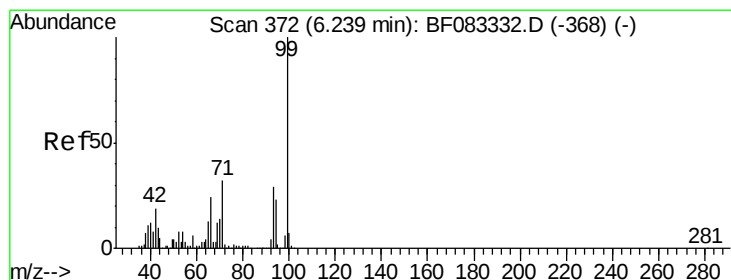
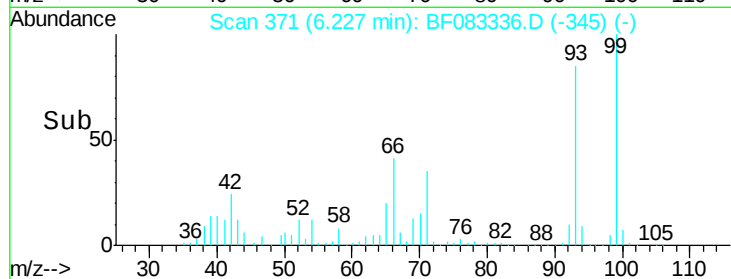
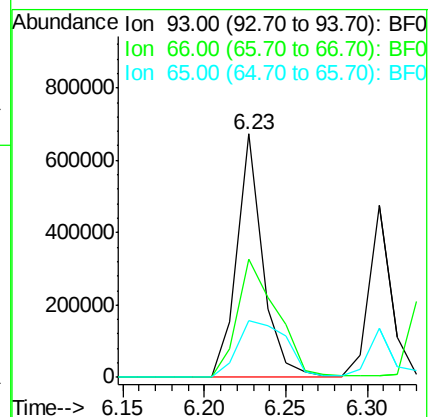
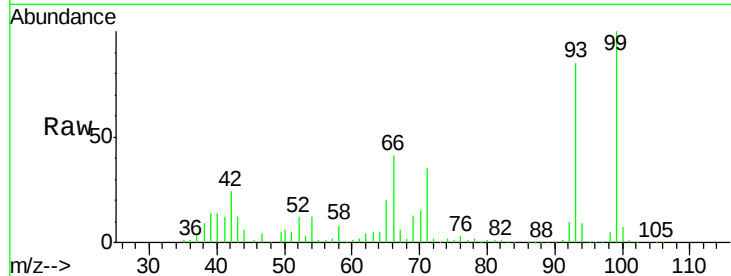
Tot Ion: 93 Resp: 742117

Ion Ratio Lower Upper

93 100

66 48.6 38.7 58.1

65 23.3 18.6 27.8



#7

Phenol-d6

Concen: 75.69 ng

RT: 6.23 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

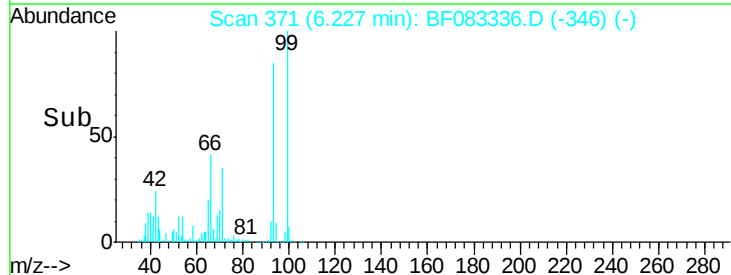
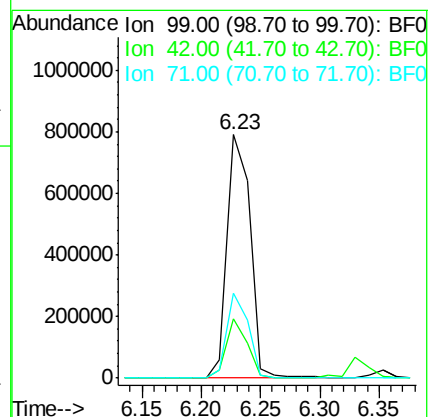
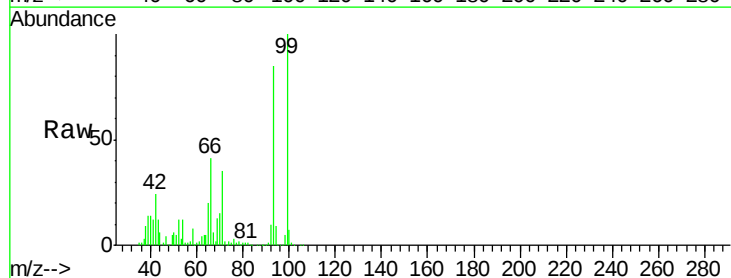
Tgt Ion: 99 Resp: 1064221

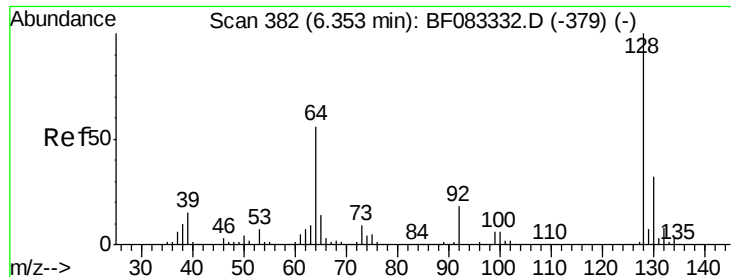
Ion Ratio Lower Upper

99 100

42 24.3 17.7 26.5

71 34.7 30.2 45.4

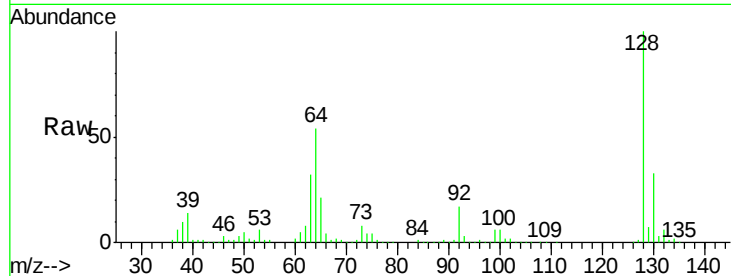




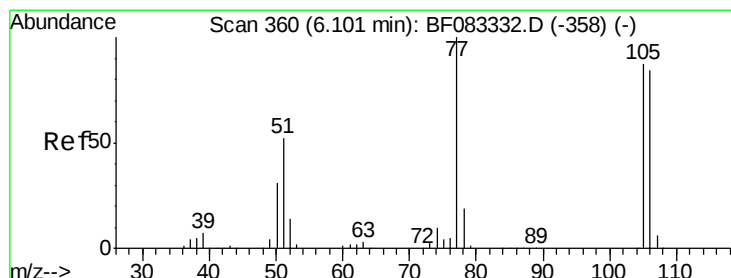
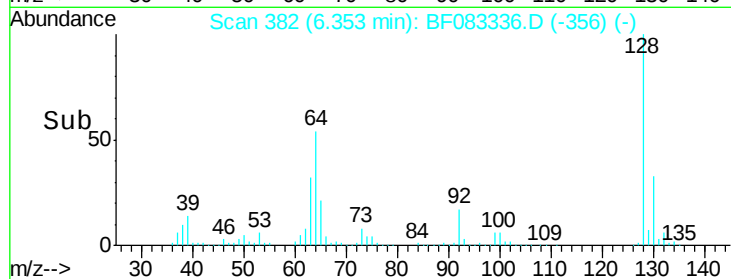
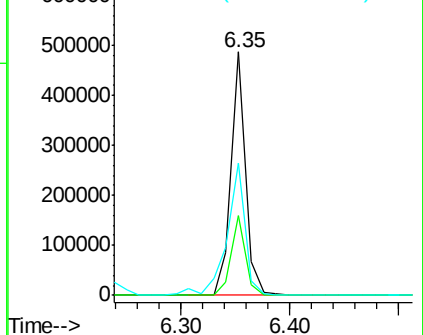
#8
2-Chlorophenol
Concen: 38.89 ng
RT: 6.35 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 447928
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 54.2 41.9 81.9

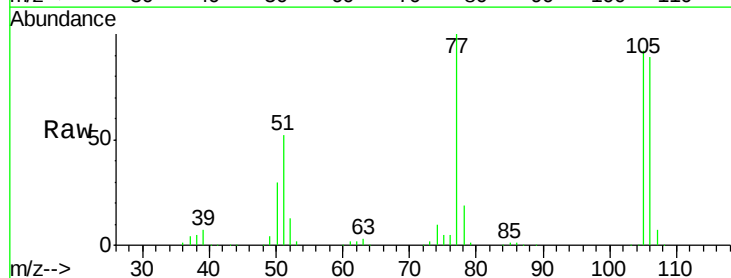


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

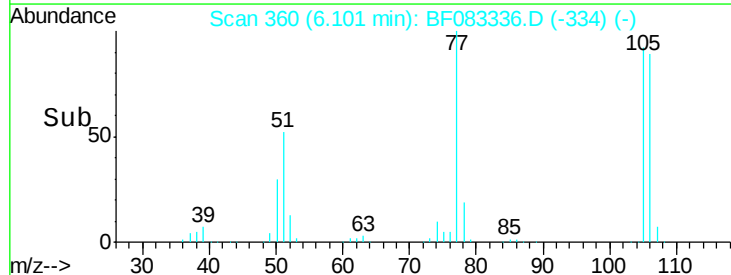
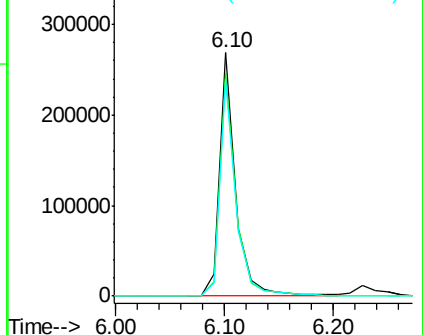


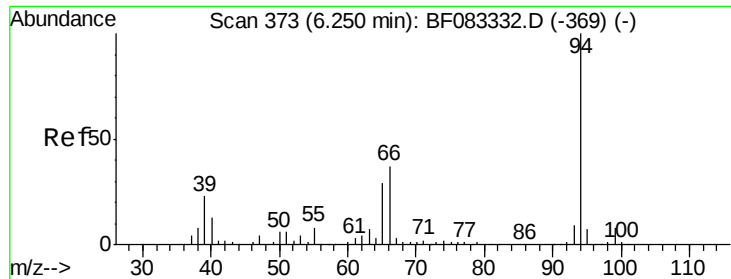
#9
Benzaldehyde
Concen: 40.15 ng
RT: 6.10 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion: 77 Resp: 278310
Ion Ratio Lower Upper
77 100
105 91.5 73.4 113.4
106 88.8 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 35.62 ng

RT: 6.25 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

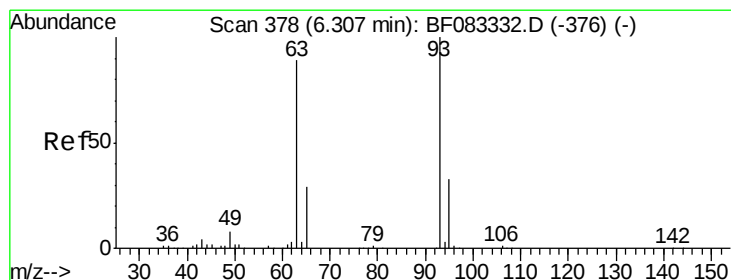
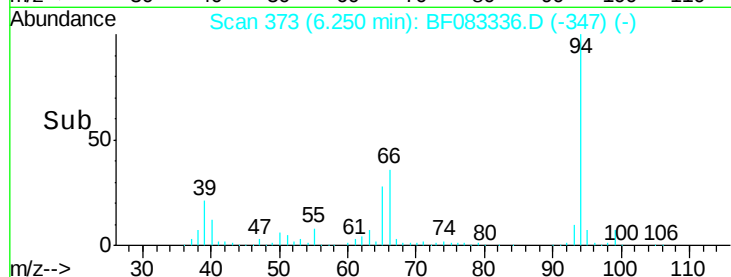
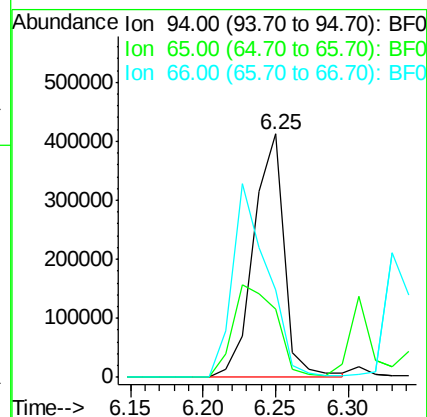
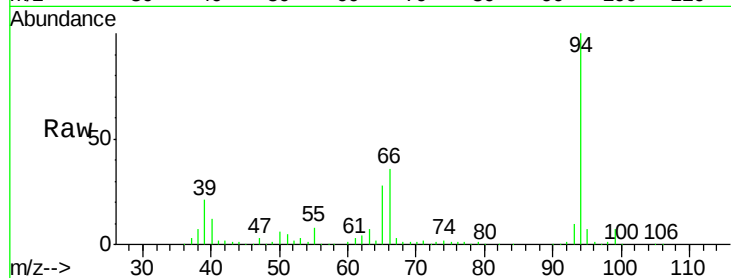
Tot Ion: 94 Resp: 604711

Ion Ratio Lower Upper

94 100

65 28.0 21.1 61.1

66 35.9 43.1 83.1#



#11

bis(2-Chloroethyl)ether

Concen: 37.48 ng

RT: 6.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

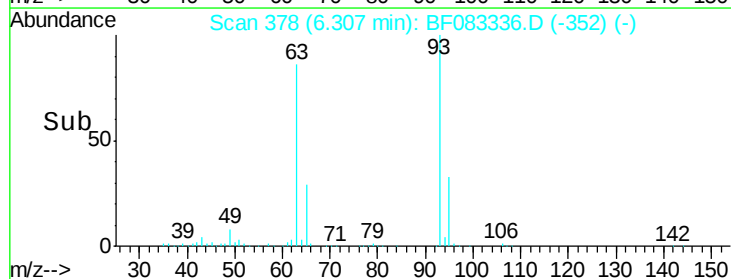
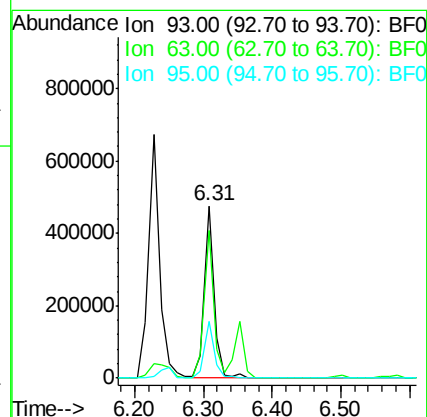
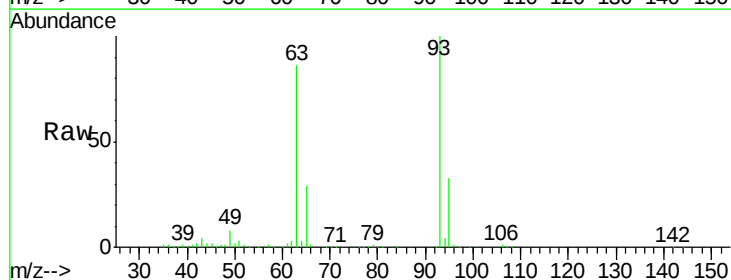
Tgt Ion: 93 Resp: 470348

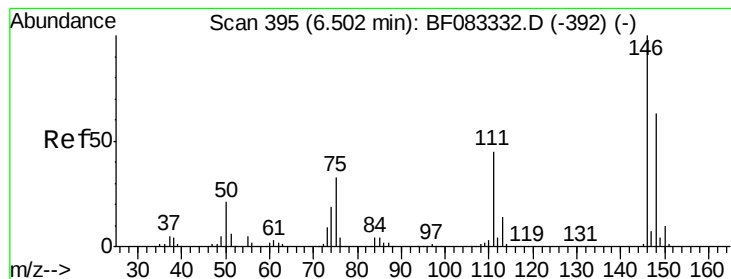
Ion Ratio Lower Upper

93 100

63 86.2 59.8 99.8

95 33.0 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 33.77 ng

RT: 6.73 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

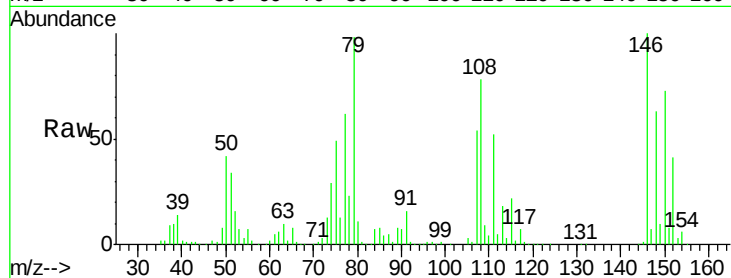
Tot Ion:146 Resp: 427906

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

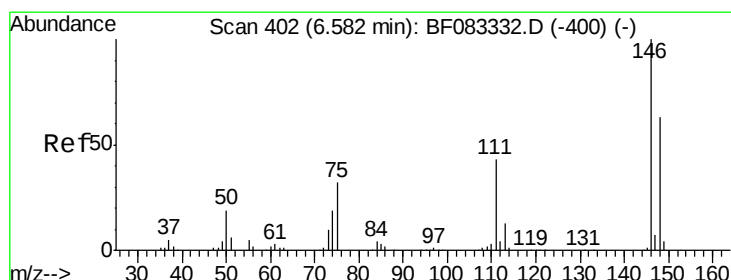
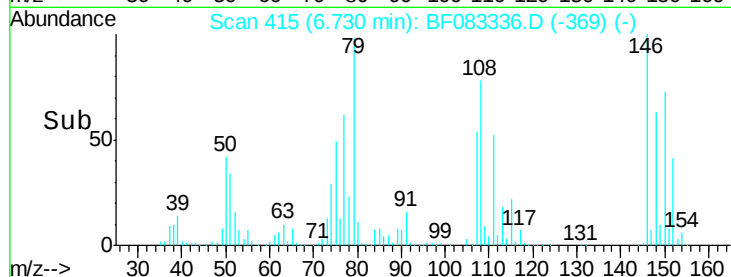
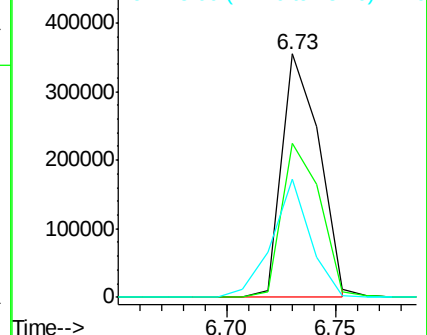
75 48.8 32.7 49.1



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: 39.44 ng

RT: 6.58 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

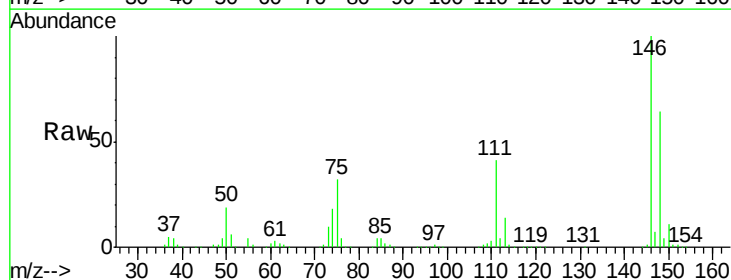
Tgt Ion:146 Resp: 520656

Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

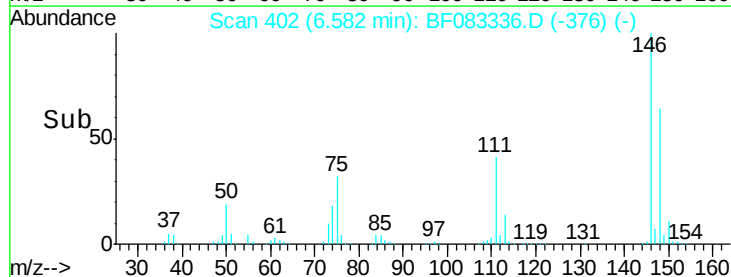
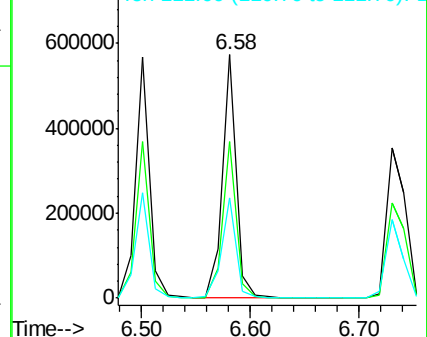
111 41.2 37.5 56.3

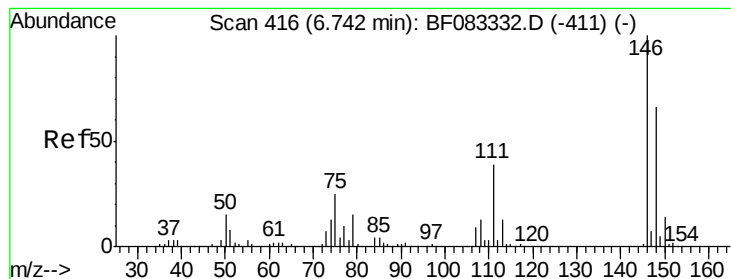


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

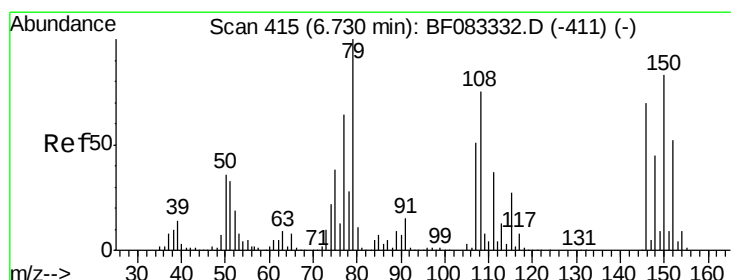
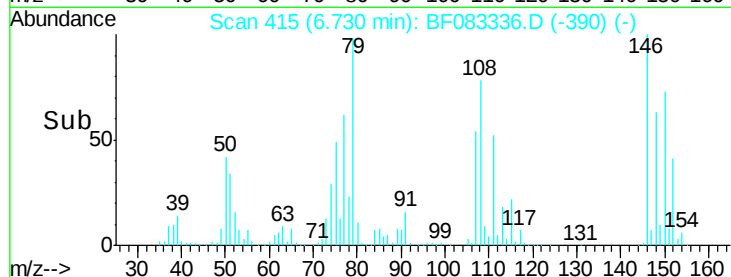
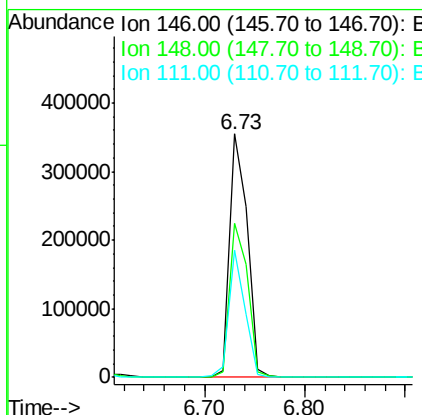
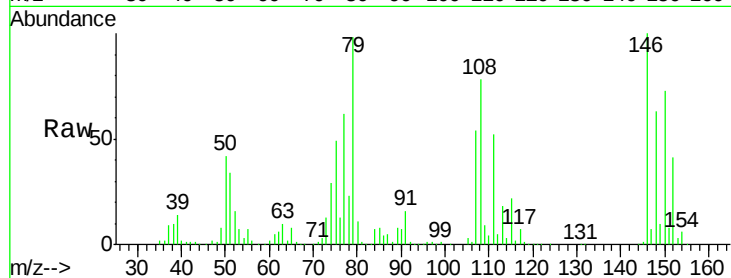




#14
 1,2-Dichlorobenzene
 Concen: 35.62 ng
 RT: 6.73 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

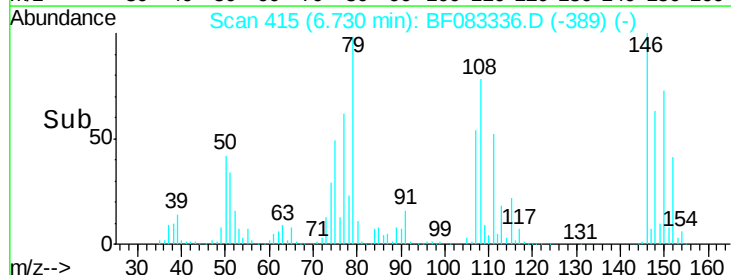
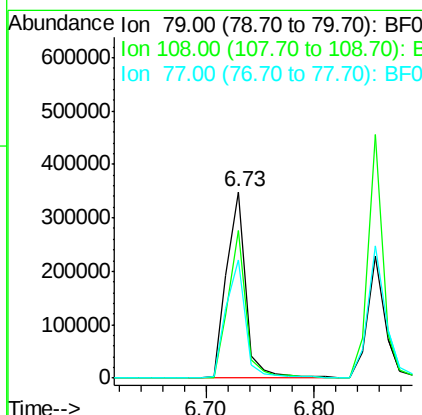
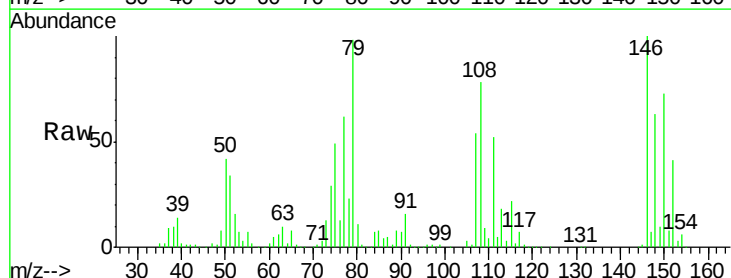
Instrument :
 BNA_F
 ClientSampleId :

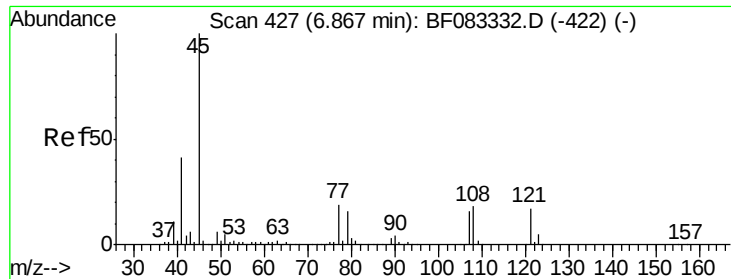
Tot Ion:146 Resp: 432865
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 111 52.0 36.2 54.4



#15
 Benzyl Alcohol
 Concen: 39.67 ng
 RT: 6.73 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion: 79 Resp: 430280
 Ion Ratio Lower Upper
 79 100
 108 79.1 61.4 92.2
 77 63.4 50.5 75.7

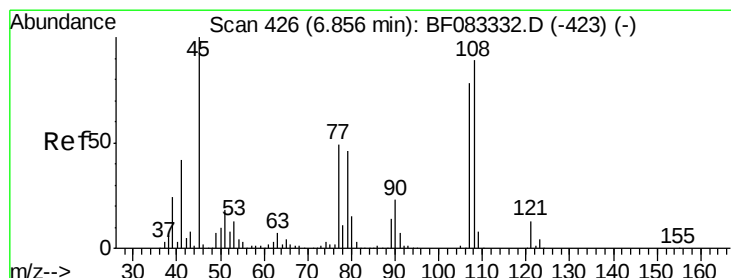
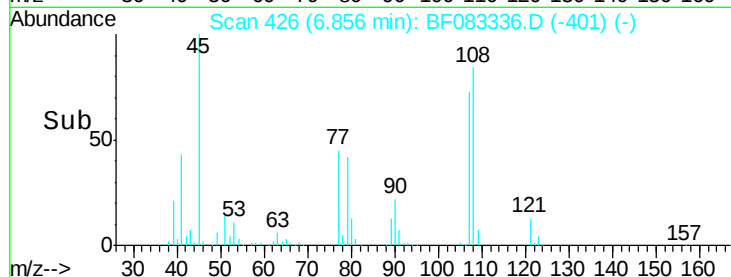
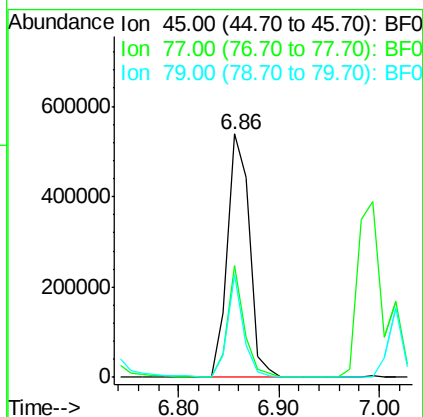
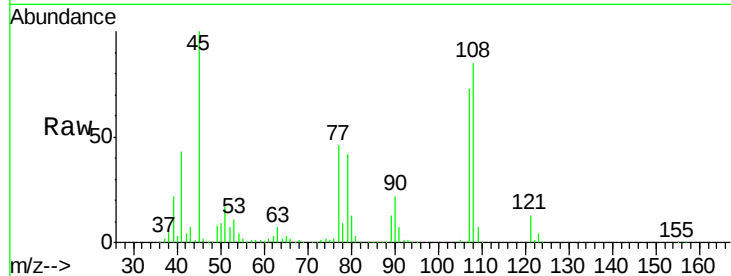




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.65 ng
RT: 6.86 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

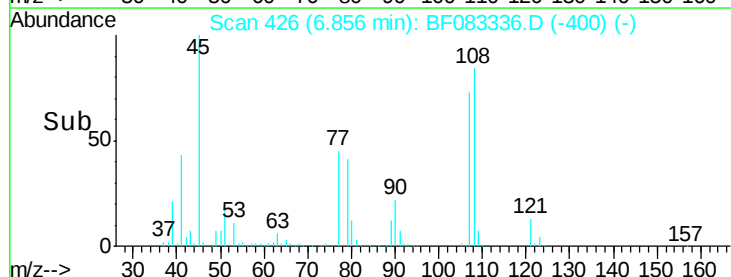
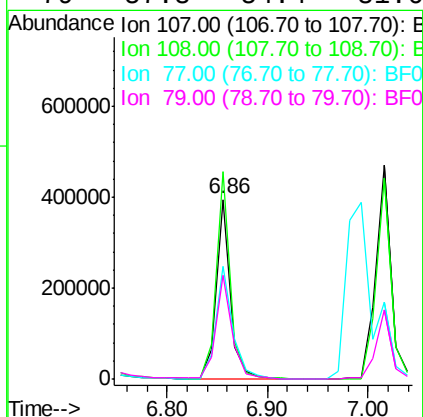
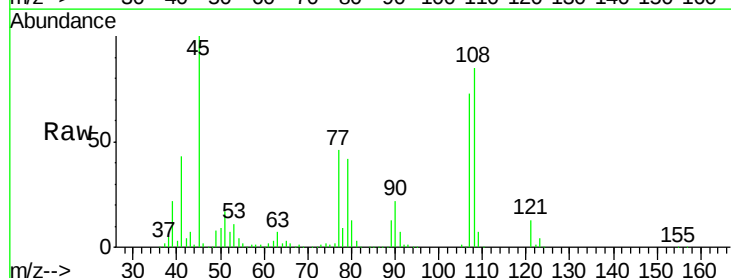
Instrument :
BNA_F
ClientSampleId :

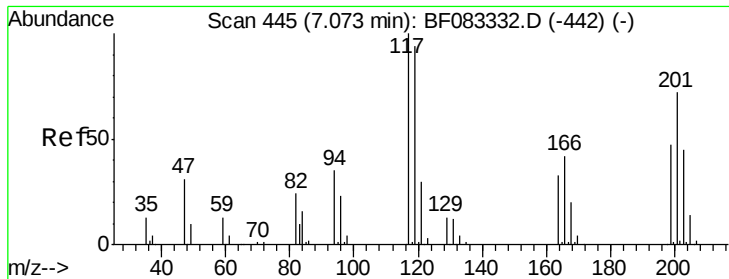
Tot Ion: 45 Resp: 818824
Ion Ratio Lower Upper
45 100
77 46.2 26.7 66.7
79 42.4 24.3 64.3



#17
2-Methylphenol
Concen: 40.42 ng
RT: 6.86 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:107 Resp: 380712
Ion Ratio Lower Upper
107 100
108 115.4 93.8 140.6
77 63.0 57.4 86.0
79 57.8 54.4 81.6





#18

Hexachloroethane

Concen: 37.94 ng

RT: 7.07 min Scan# 445

Delta R.T. 0.00 min

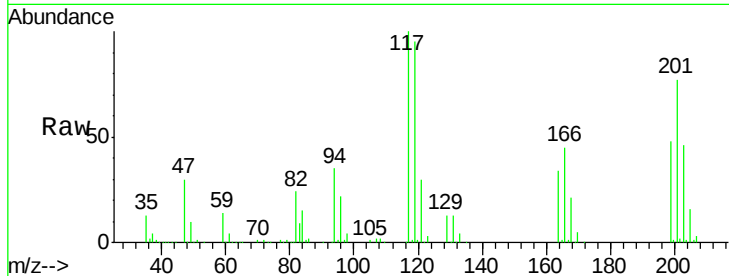
Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampled :



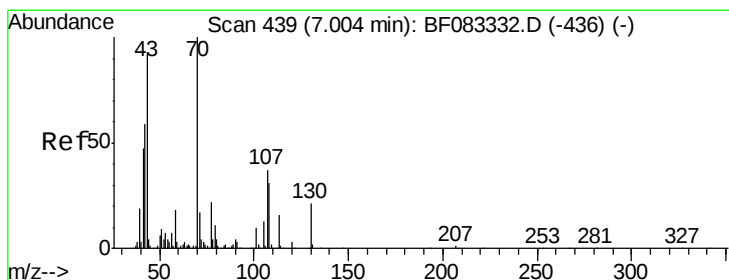
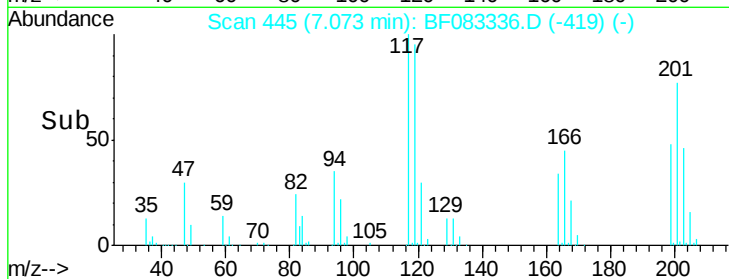
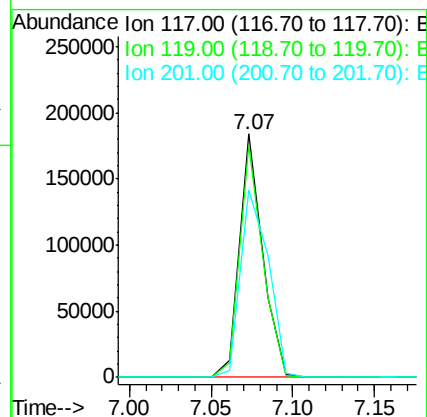
Tot Ion:117 Resp: 178640

Ion Ratio Lower Upper

117 100

119 95.2 76.8 115.2

201 76.9 88.6 133.0#



#19

n-Nitroso-di-n-propylamine

Concen: 36.22 ng

RT: 6.99 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion: 70 Resp: 359793

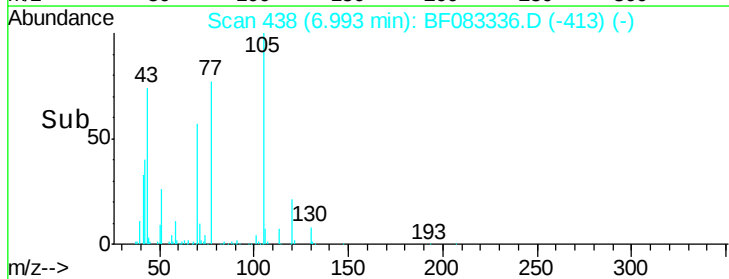
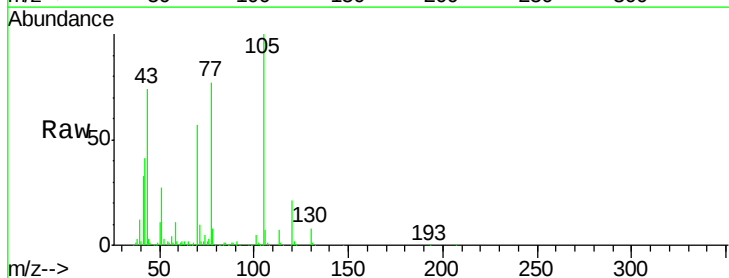
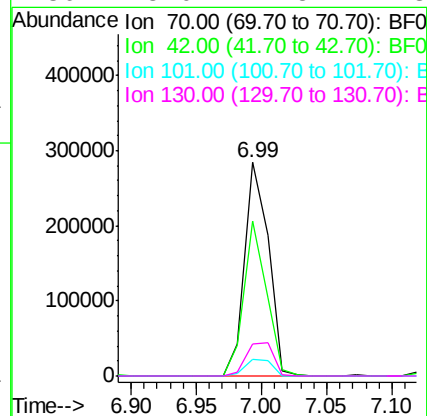
Ion Ratio Lower Upper

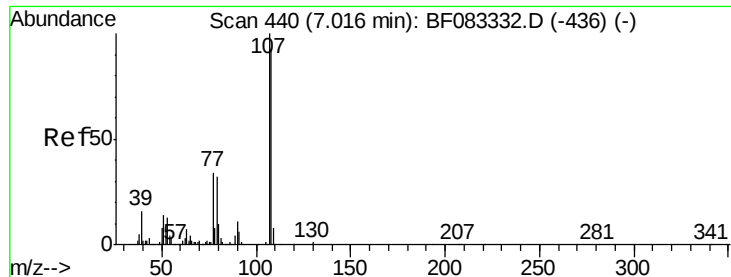
70 100

42 72.7 54.5 81.7

101 8.0 6.6 9.8

130 15.0 11.5 17.3





#20

3+4-Methylphenols

Concen: 39.50 ng

RT: 7.02 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 503046

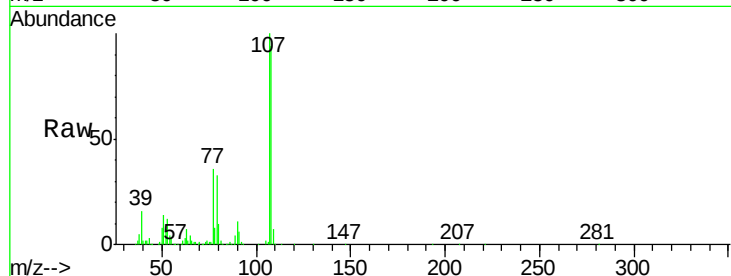
Ion Ratio Lower Upper

107 100

108 94.3 73.8 113.8

77 35.8 19.1 59.1

79 32.5 13.7 53.7

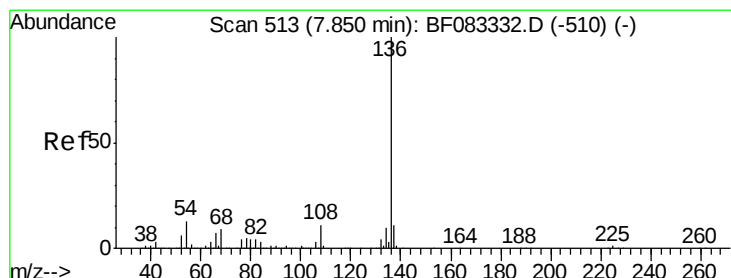
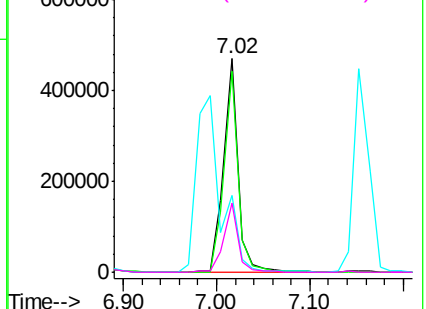
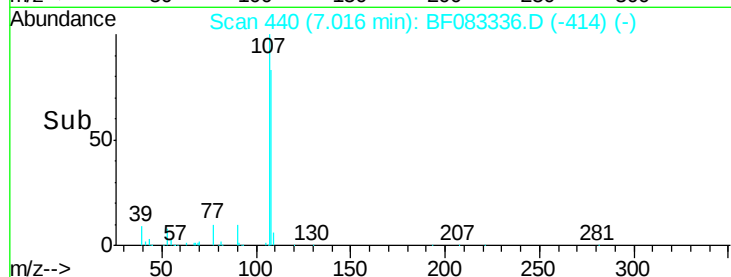


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.85 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:136 Resp: 588245

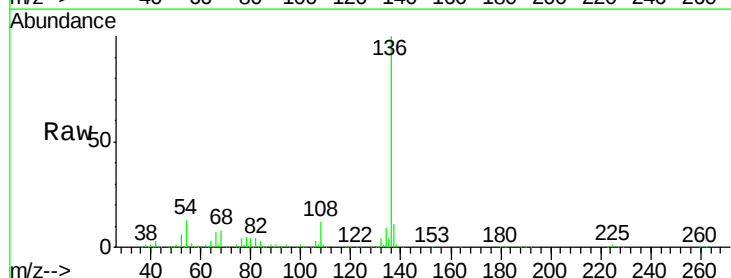
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 12.5 5.8 8.6#

68 8.1 3.8 5.8#

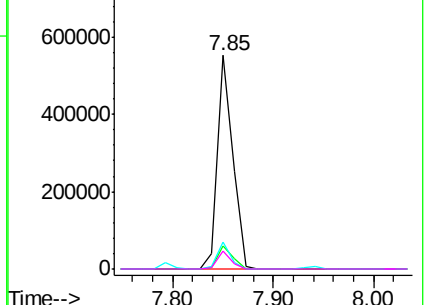
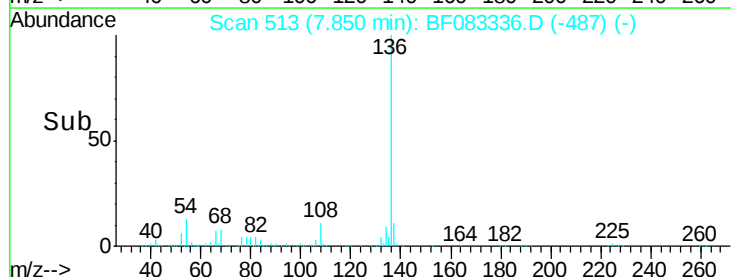


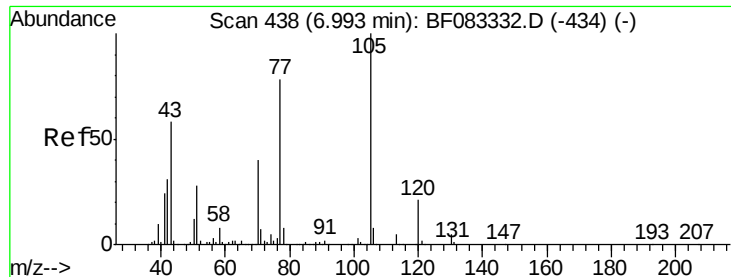
Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.19 ng

RT: 6.99 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 664813

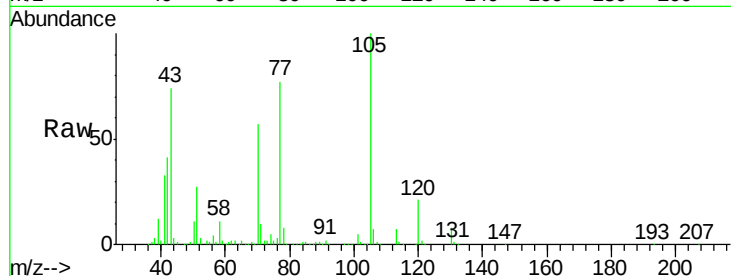
Ion Ratio Lower Upper

105 100

71 9.7 1.0 1.4#

51 26.6 25.6 38.4

120 21.2 15.8 23.6

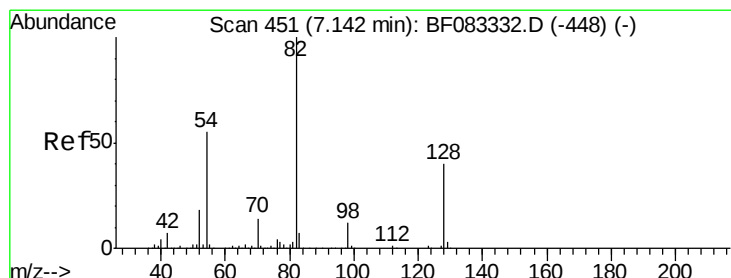
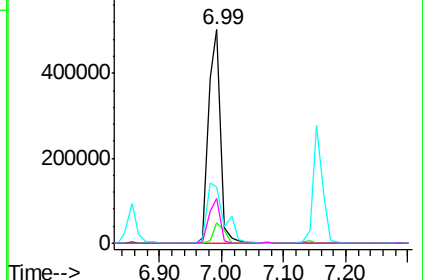
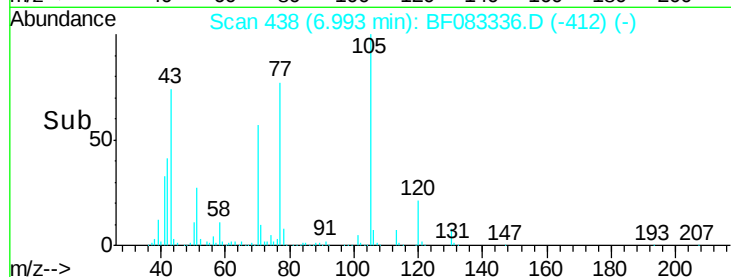


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.66 ng

RT: 7.14 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

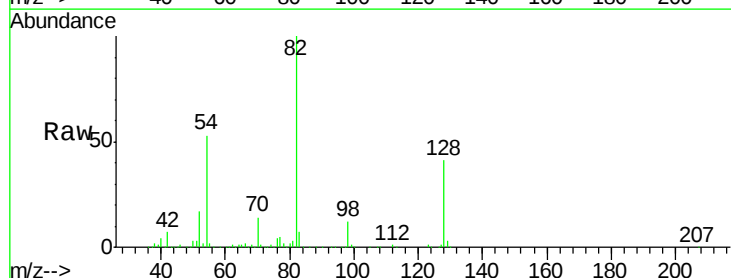
Tgt Ion: 82 Resp: 1060753

Ion Ratio Lower Upper

82 100

128 41.2 28.5 42.7

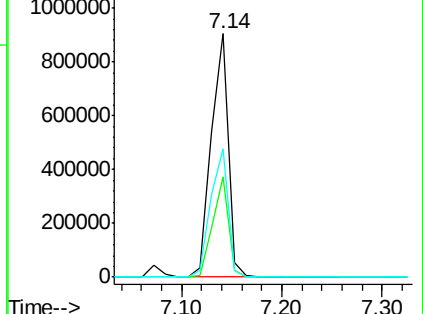
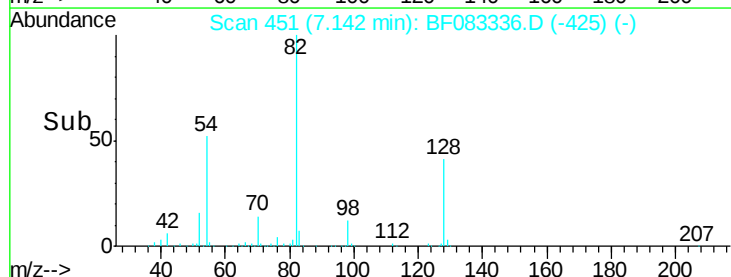
54 52.7 44.6 67.0

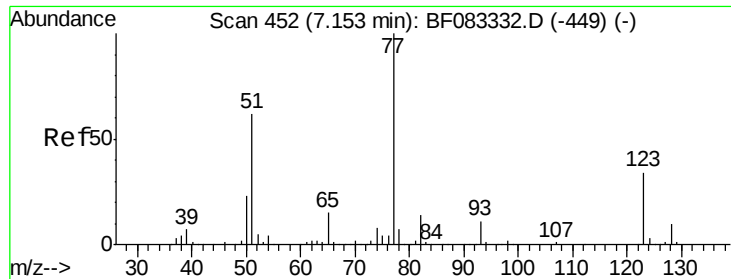


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

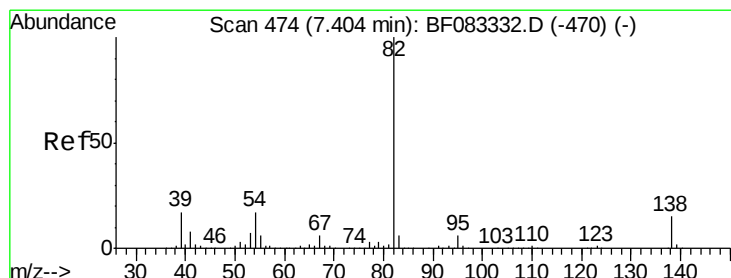
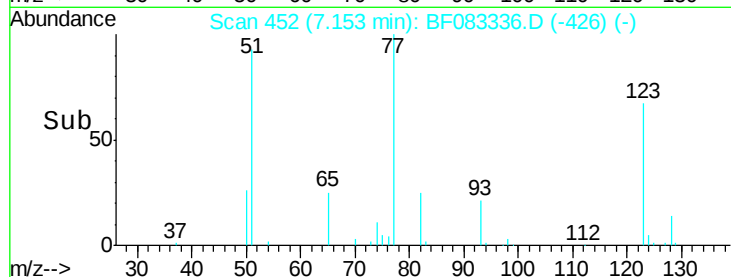
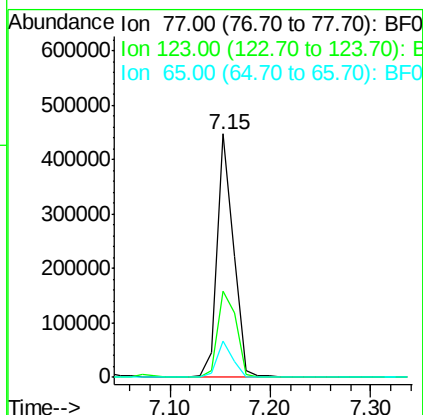
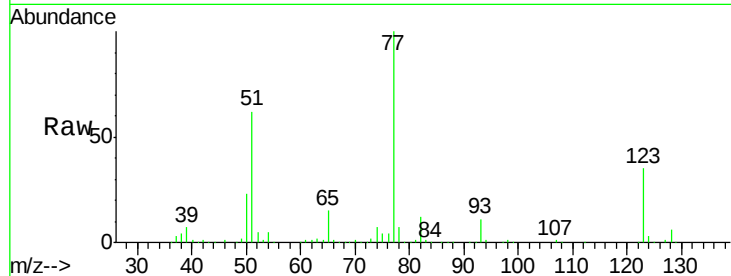




#24
 Nitrobenzene
 Concen: 35.27 ng
 RT: 7.15 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

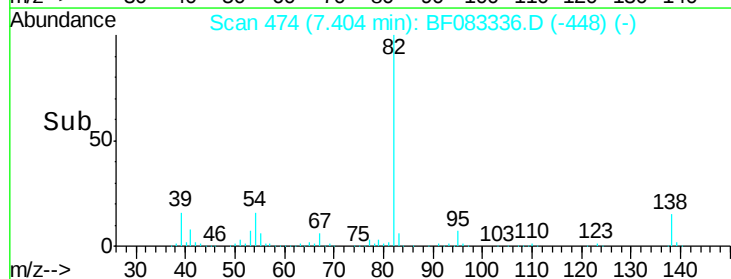
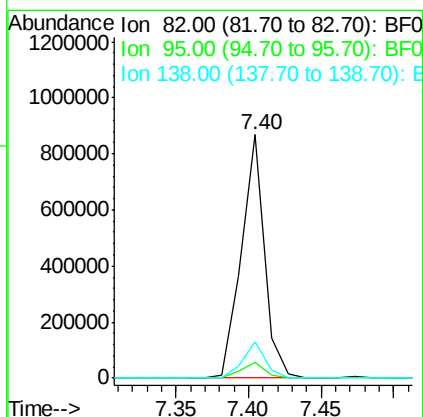
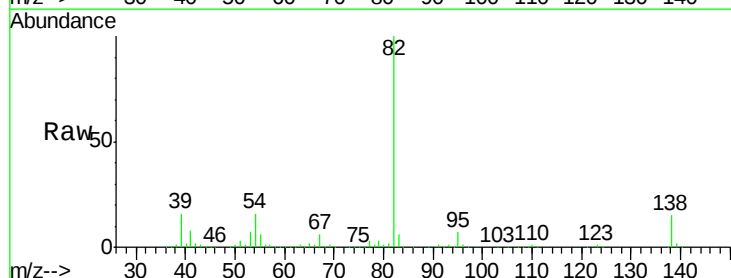
Instrument :
 BNA_F
 ClientSampled :

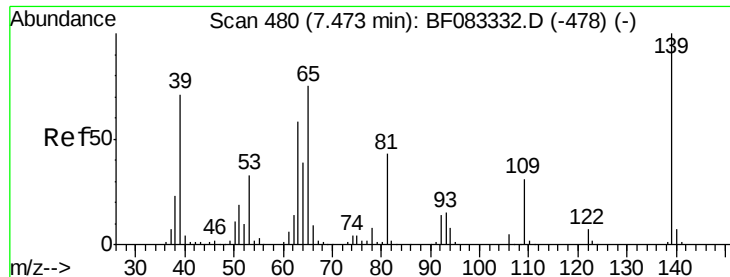
Tot Ion	Ratio	Lower	Upper
77	100		
123	35.2	30.1	45.1
65	14.9	11.6	17.4



#25
 Isophorone
 Concen: 37.65 ng
 RT: 7.40 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.8	8.8
138	15.0	11.6	17.4

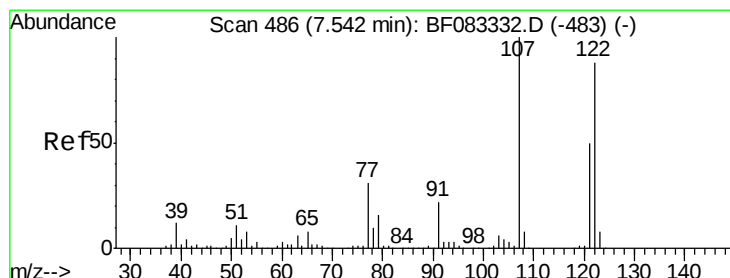
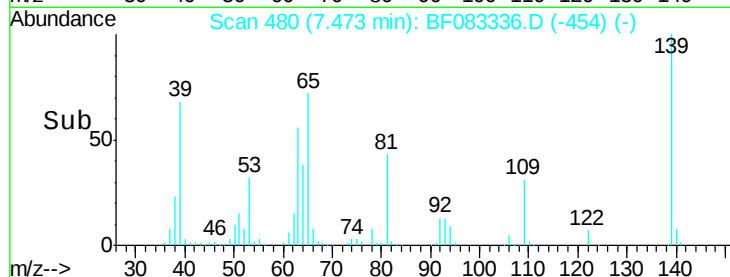
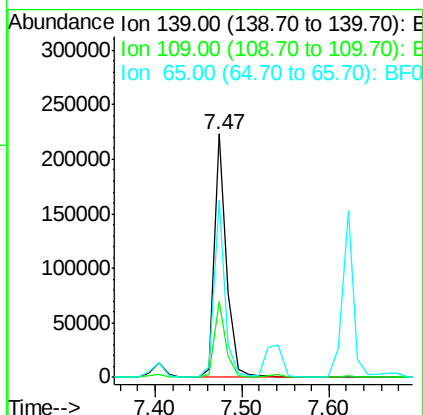
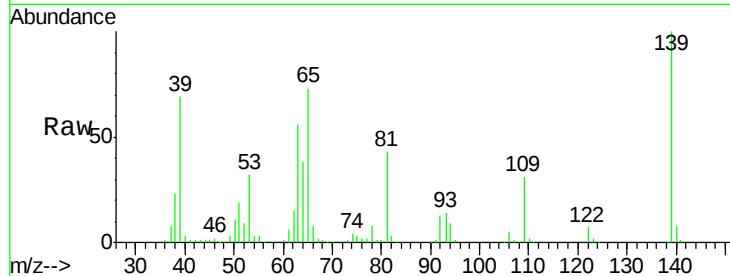




#26
 2-Nitrophenol
 Concen: 37.23 ng
 RT: 7.47 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

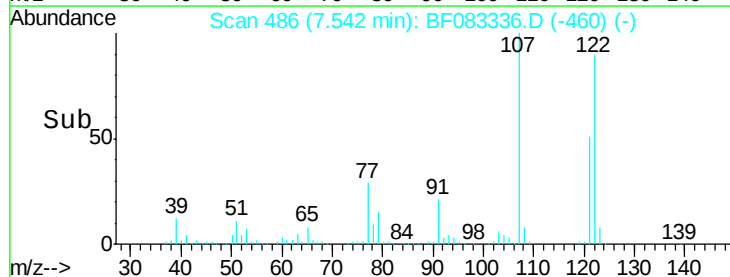
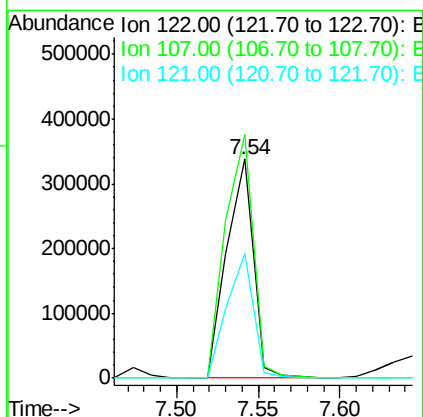
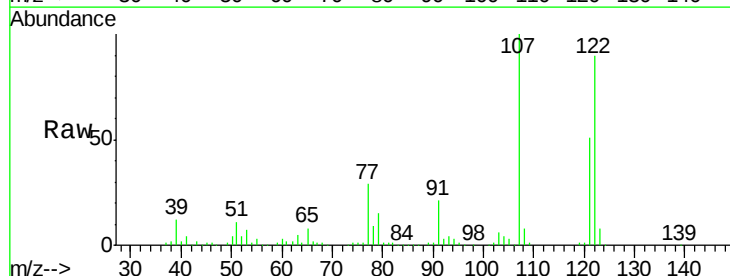
Instrument :
 BNA_F
 ClientSampleId :

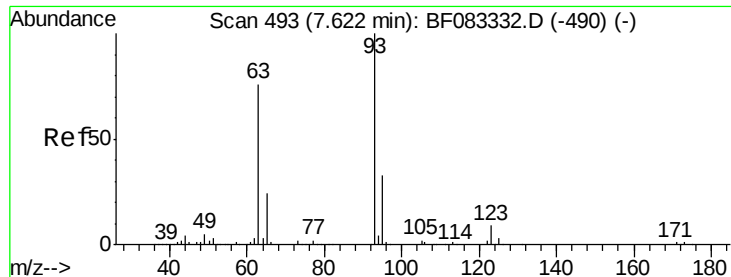
Tot Ion:139 Resp: 220548
 Ion Ratio Lower Upper
 139 100
 109 31.4 23.9 35.9
 65 72.8 42.7 64.1#



#27
 2,4-Dimethylphenol
 Concen: 38.89 ng
 RT: 7.54 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion:122 Resp: 381711
 Ion Ratio Lower Upper
 122 100
 107 111.1 101.1 151.7
 121 57.0 44.9 67.3

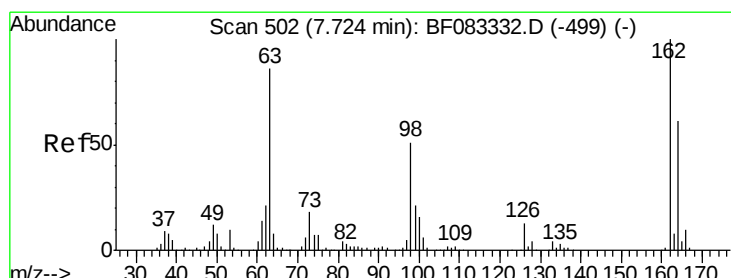
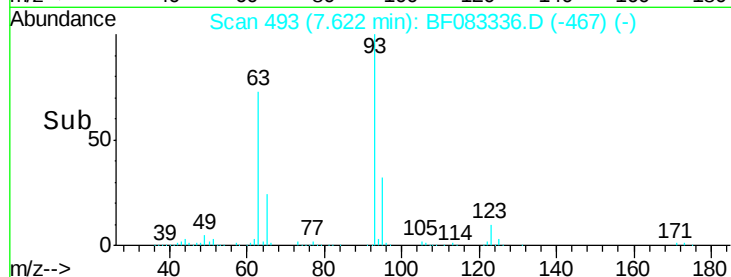
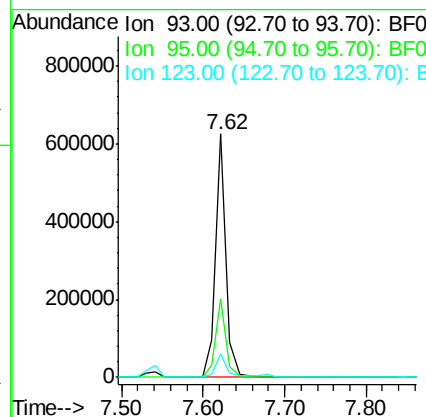
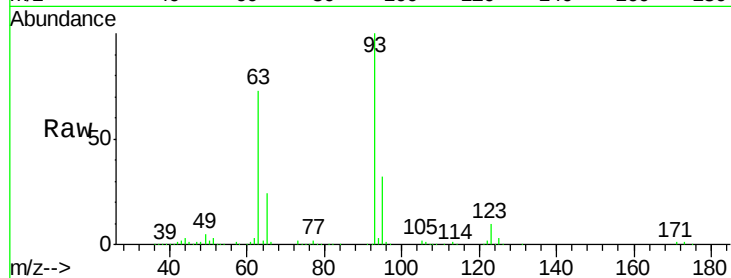




#28
bis(2-Chloroethoxy)methane
Concen: 39.26 ng
RT: 7.62 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

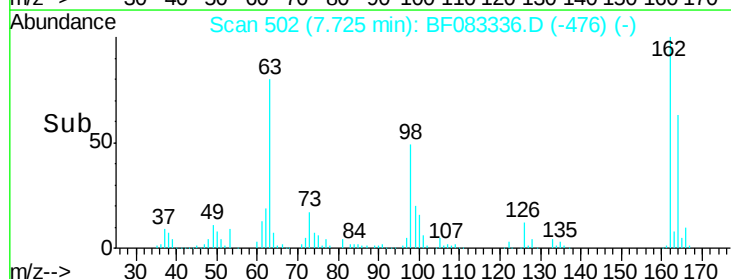
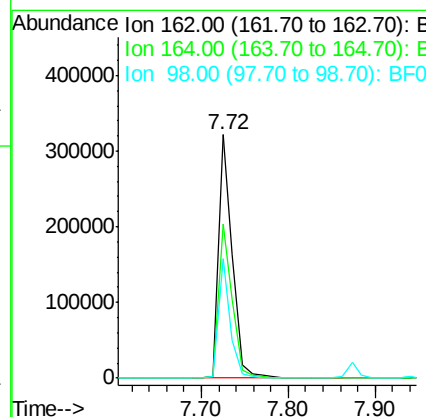
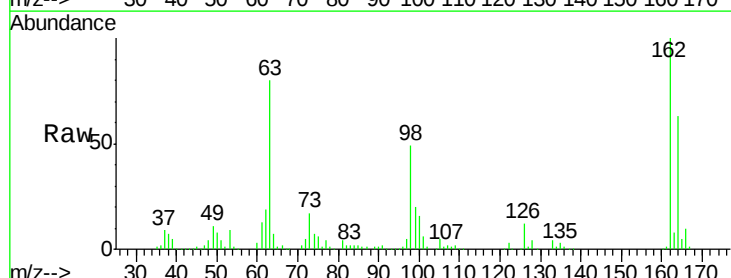
Instrument :
BNA_F
ClientSampleId :

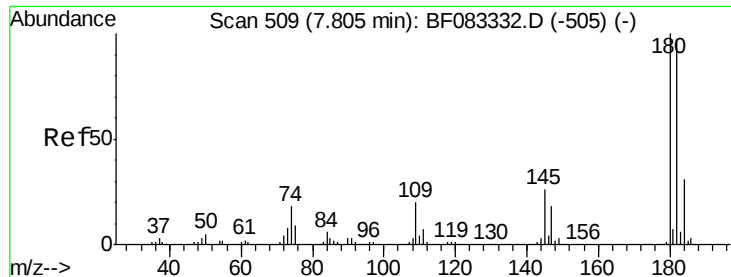
Tot Ion: 93 Resp: 569405
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 9.5 8.1 12.1



#29
2,4-Dichlorophenol
Concen: 37.95 ng
RT: 7.72 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion: 162 Resp: 356136
Ion Ratio Lower Upper
162 100
164 63.0 44.8 84.8
98 48.9 23.1 63.1

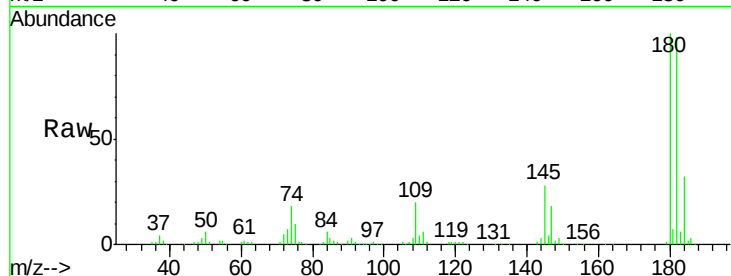




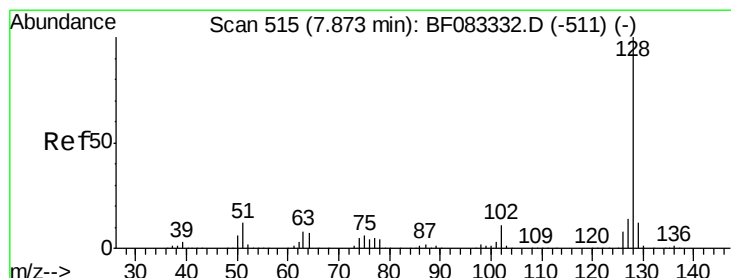
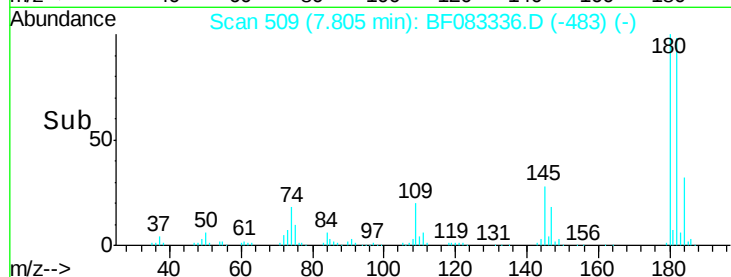
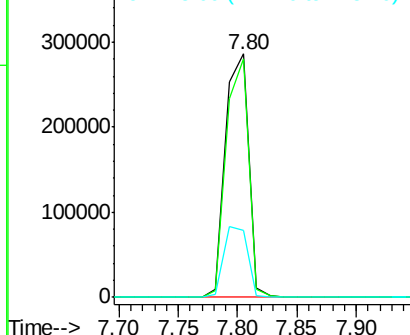
#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 7.80 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	79.0	118.6
145	27.5	24.2	36.2

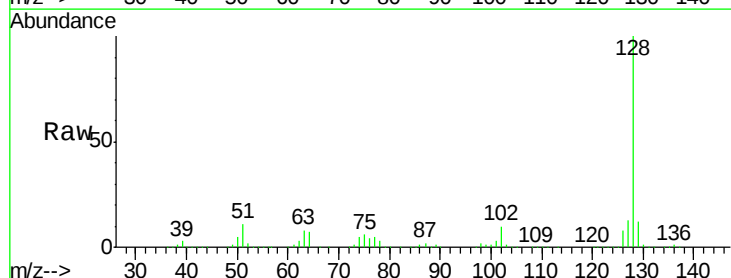


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

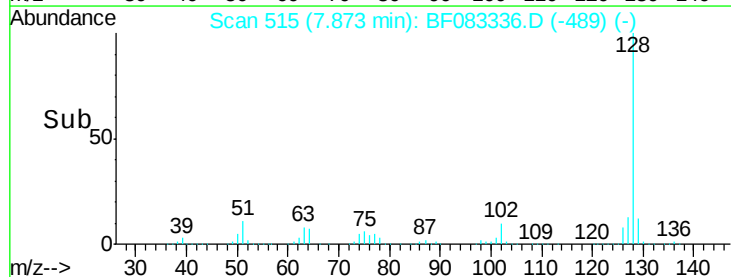
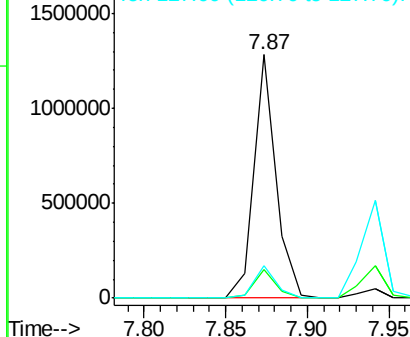


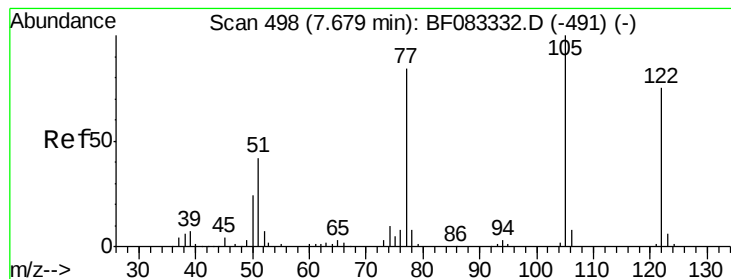
#31
 Naphthalene
 Concen: 37.53 ng
 RT: 7.87 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	13.4	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: 38.51 ng

RT: 7.68 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampled :

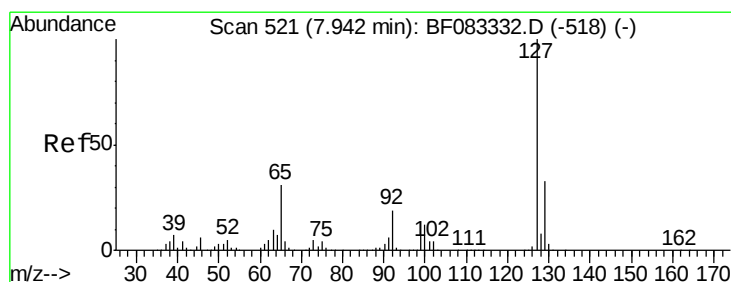
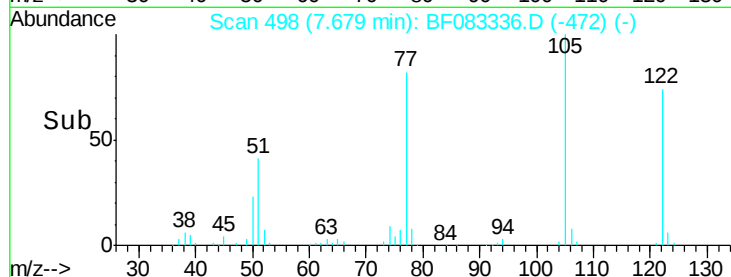
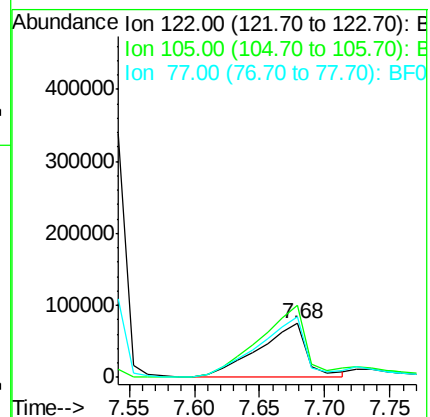
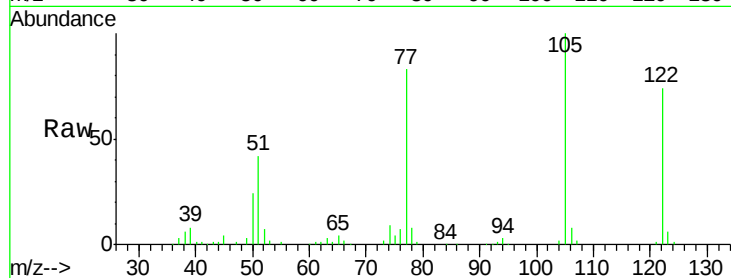
Tot Ion:122 Resp: 192158

Ion Ratio Lower Upper

122 100

105 134.5 109.7 149.7

77 111.7 79.7 119.7



#33

4-Chloroaniline

Concen: 39.66 ng

RT: 7.94 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:127 Resp: 529805

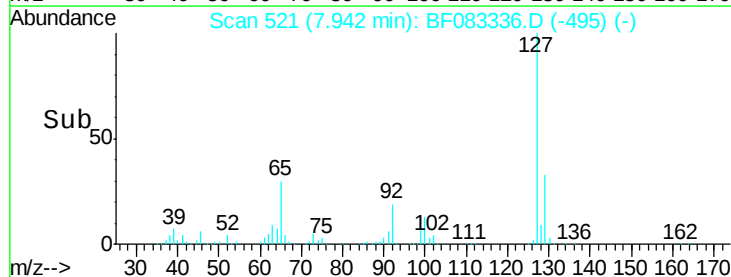
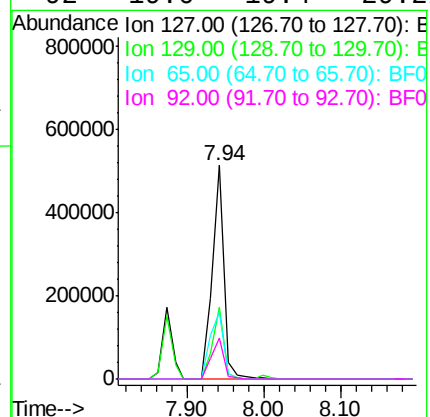
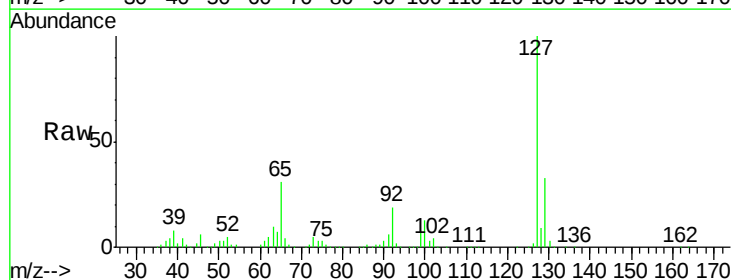
Ion Ratio Lower Upper

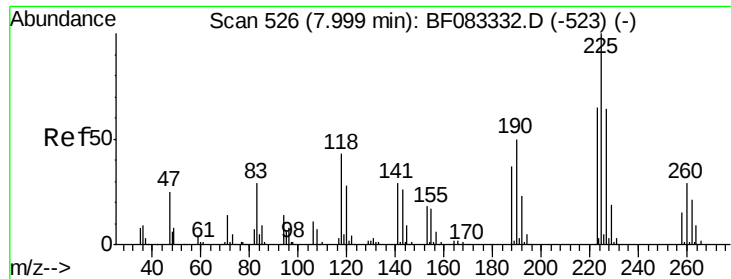
127 100

129 33.4 25.7 38.5

65 31.0 35.5 53.3#

92 19.0 19.4 29.2#

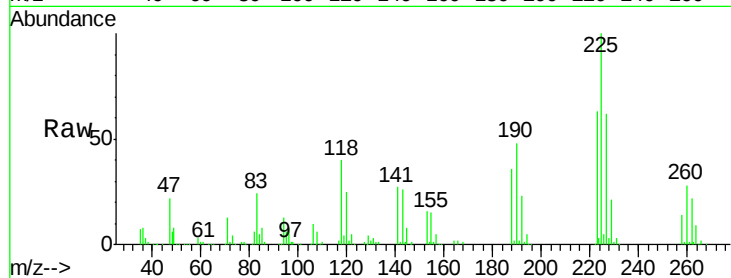




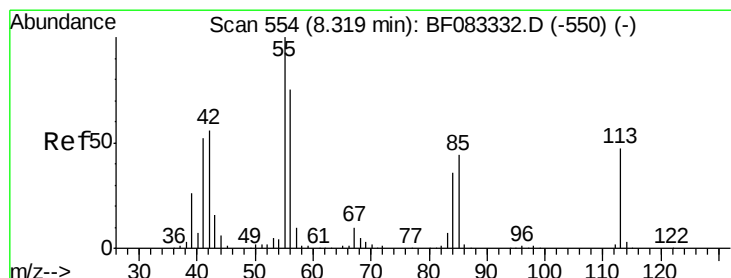
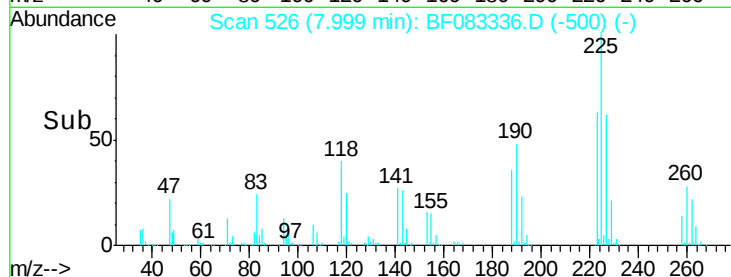
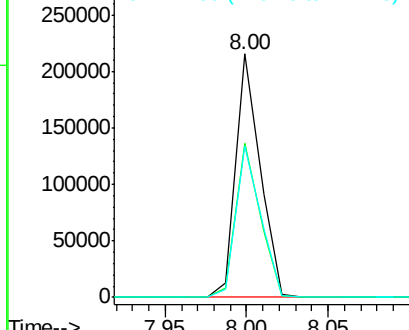
#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:225 Resp: 221513
Ion Ratio Lower Upper
225 100
223 63.3 51.3 76.9
227 62.3 49.8 74.8

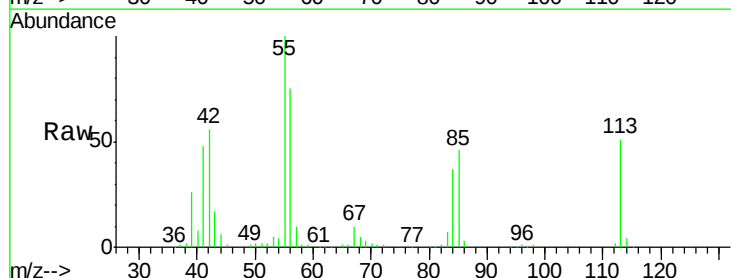


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

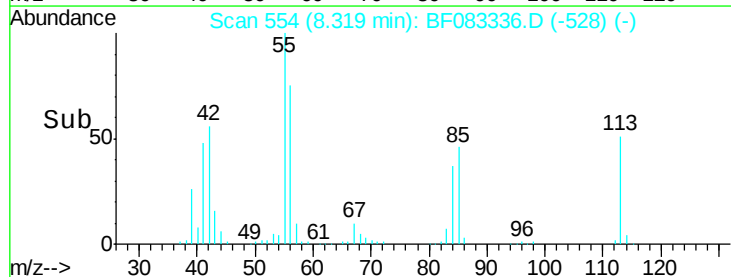
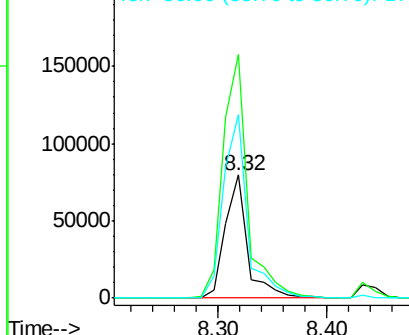


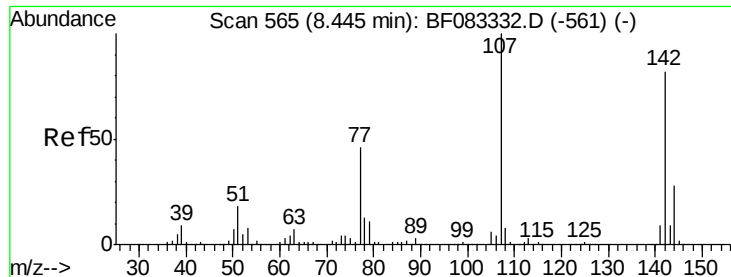
#35
Caprolactam
Concen: 42.30 ng
RT: 8.32 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:113 Resp: 112951
Ion Ratio Lower Upper
113 100
55 197.9 192.6 232.6
56 148.8 148.6 188.6



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

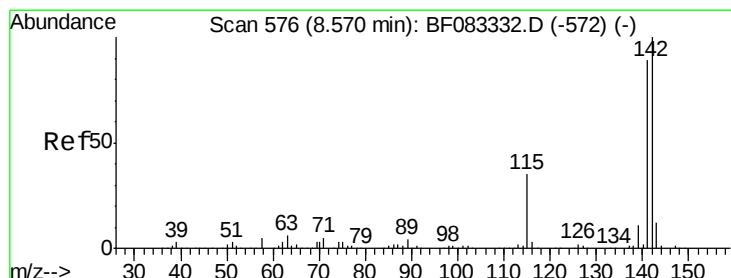
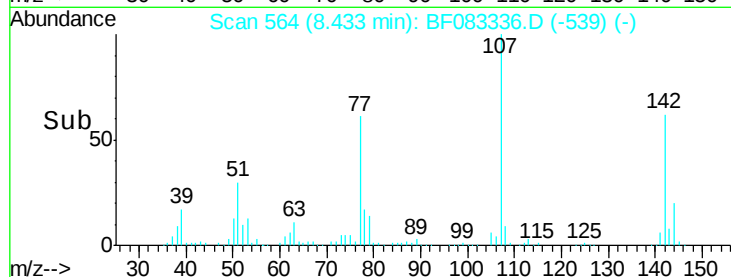
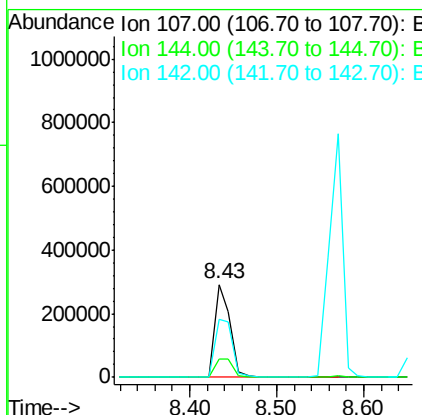
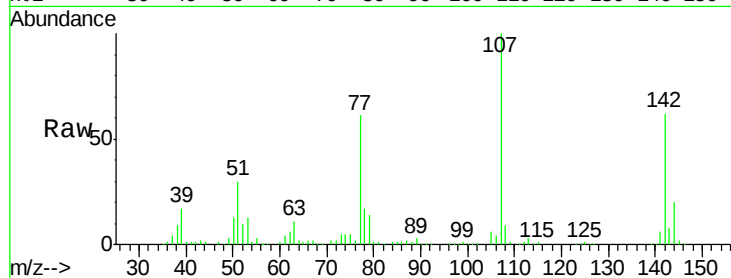




#36
 4-Chloro-3-methylphenol
 Concen: 35.34 ng
 RT: 8.43 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

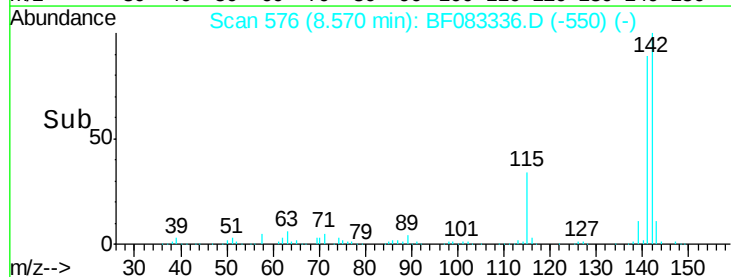
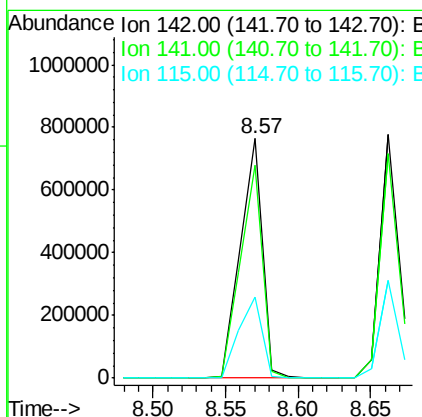
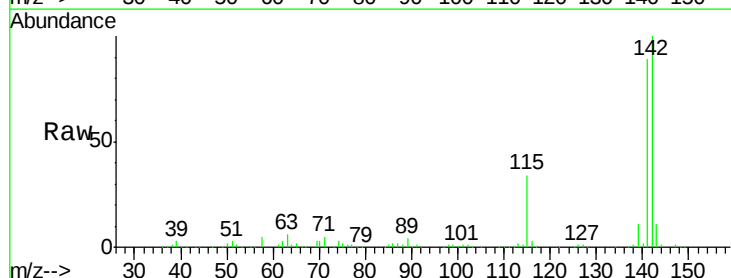
Instrument :
 BNA_F
 ClientSampleId :

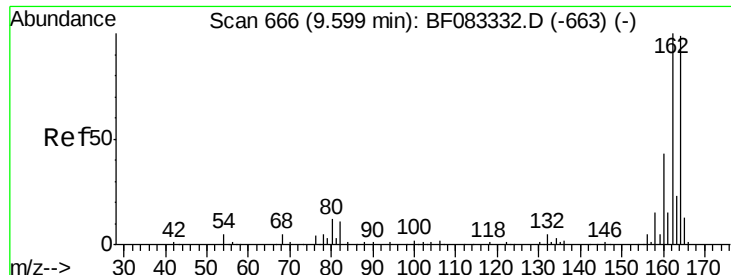
Tot Ion:107 Resp: 362974
 Ion Ratio Lower Upper
 107 100
 144 19.7 20.8 31.2#
 142 61.8 62.1 93.1#



#37
 2-Methylnaphthalene
 Concen: 38.88 ng
 RT: 8.57 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion:142 Resp: 808993
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.3 105.5
 115 33.6 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: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

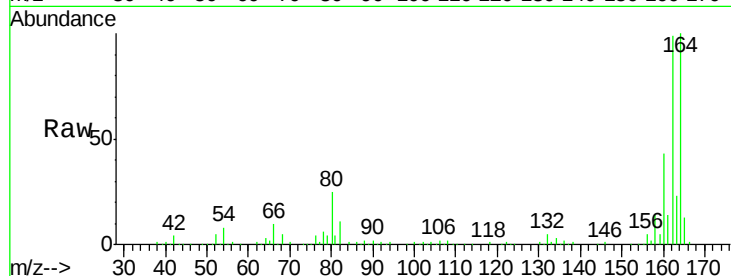
Tot Ion:164 Resp: 298098

Ion Ratio Lower Upper

164 100

162 99.3 81.2 121.8

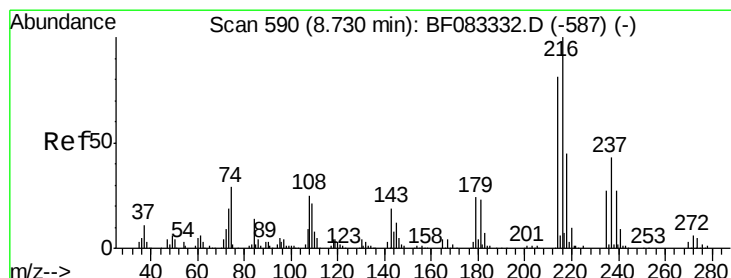
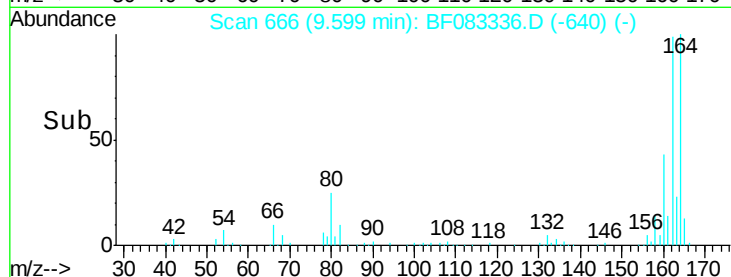
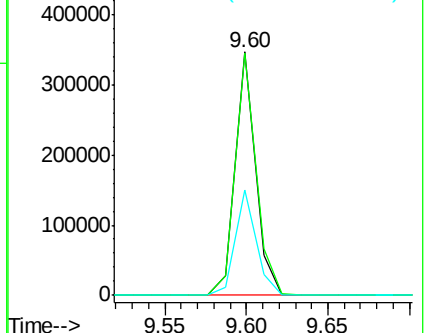
160 43.3 35.6 53.4



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: 35.51 ng

RT: 8.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:216 Resp: 343724

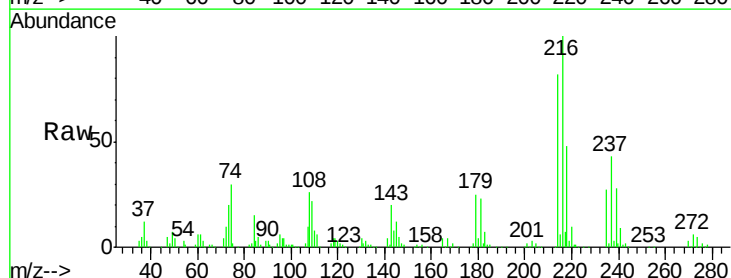
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 21.0 17.0 25.6

108 20.5 15.2 22.8

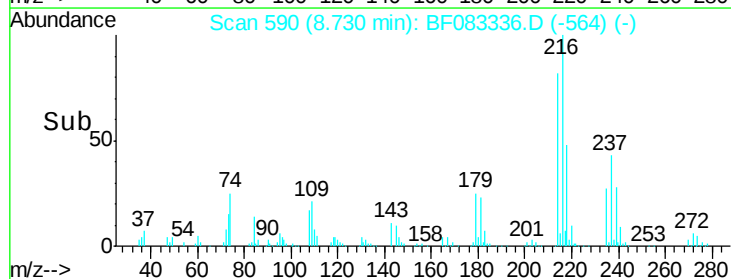
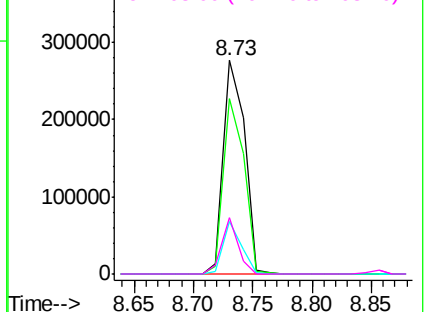


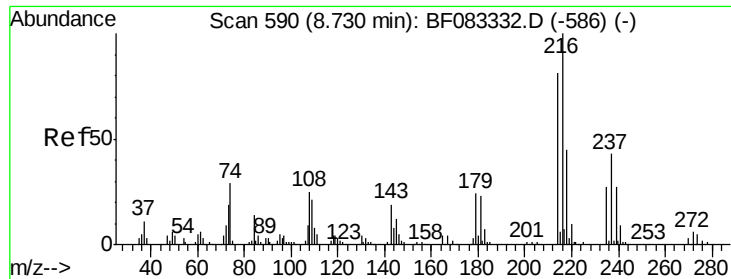
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.14 ng

RT: 8.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

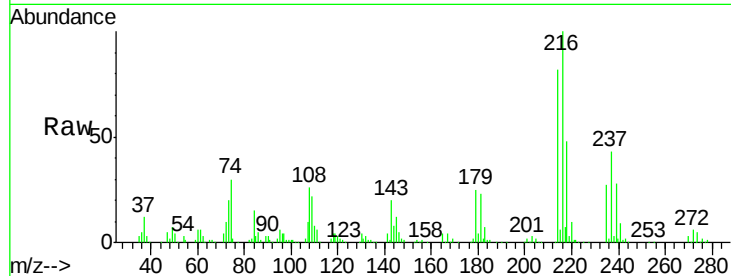
Tot Ion:237 Resp: 167110

Ion Ratio Lower Upper

237 100

235 61.8 43.5 83.5

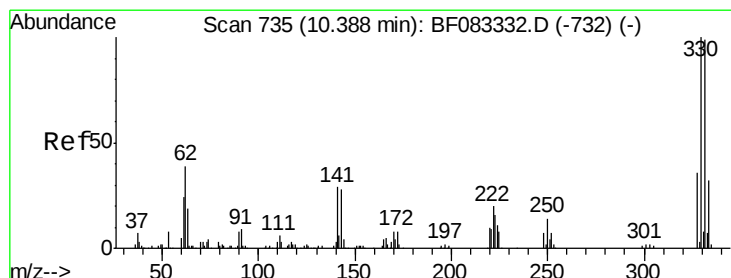
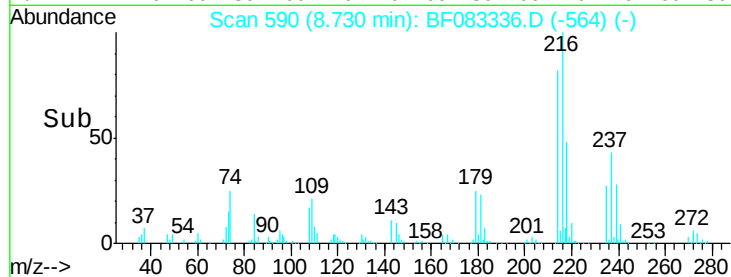
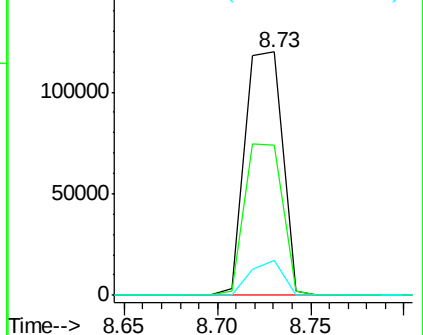
272 14.4 0.0 33.1



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: 77.14 ng

RT: 10.39 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

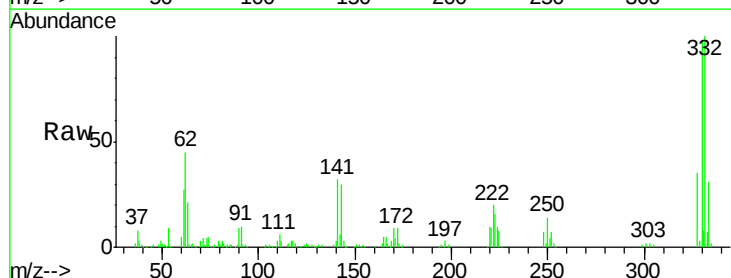
Tgt Ion:330 Resp: 212793

Ion Ratio Lower Upper

330 100

332 101.5 77.7 116.5

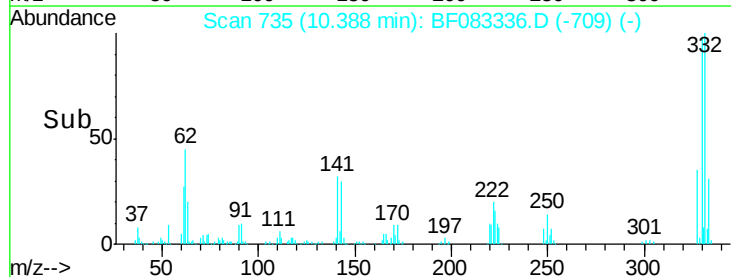
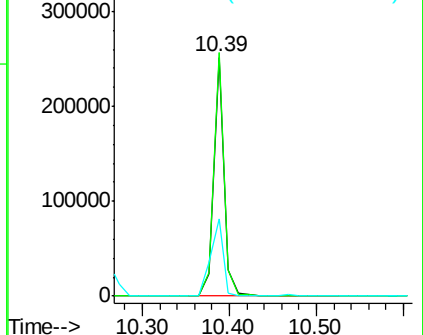
141 39.1 29.7 44.5

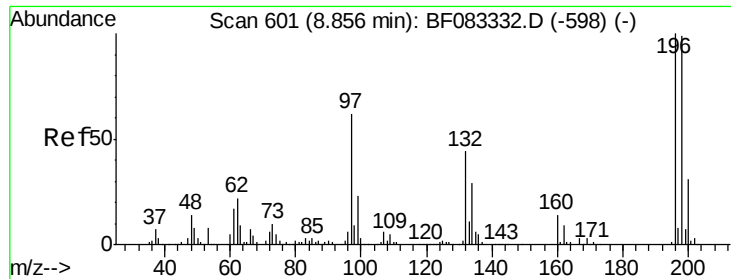


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

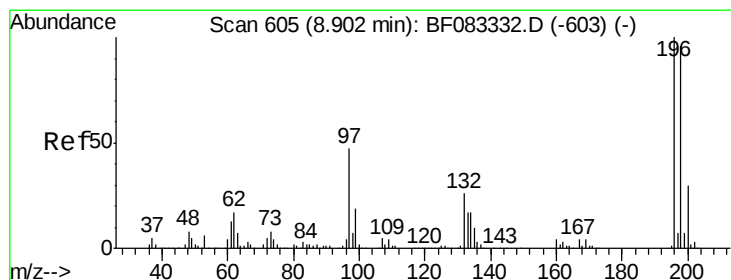
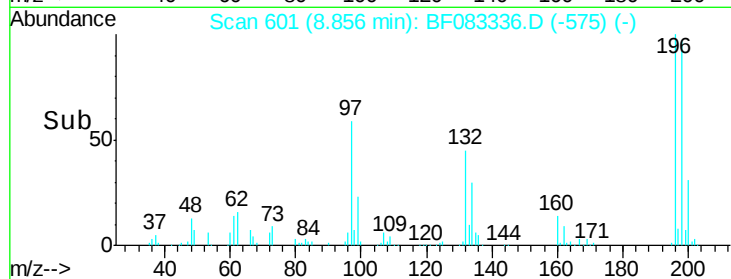
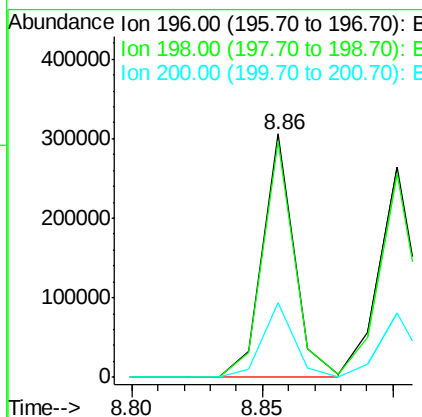
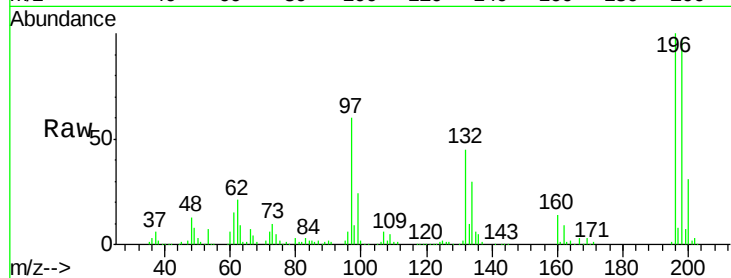




#42
 2,4,6-Trichlorophenol
 Concen: 38.87 ng
 RT: 8.86 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

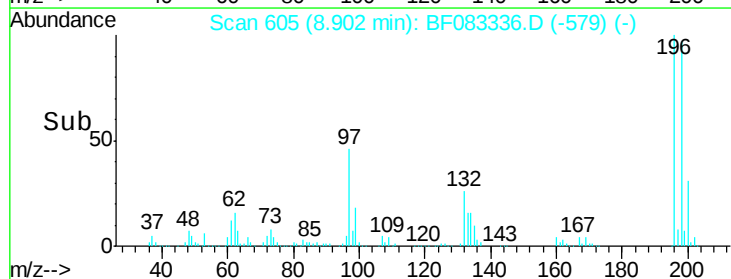
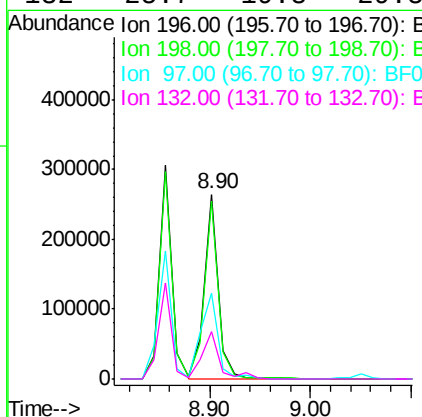
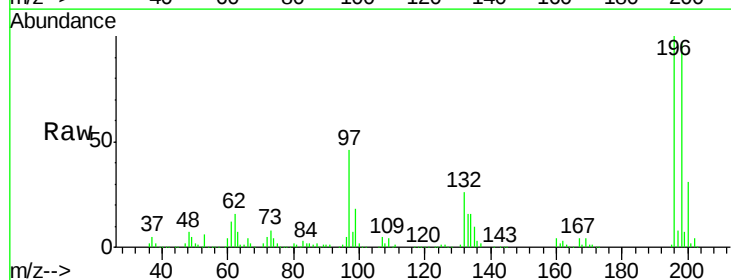
Instrument :
 BNA_F
 ClientSampled :

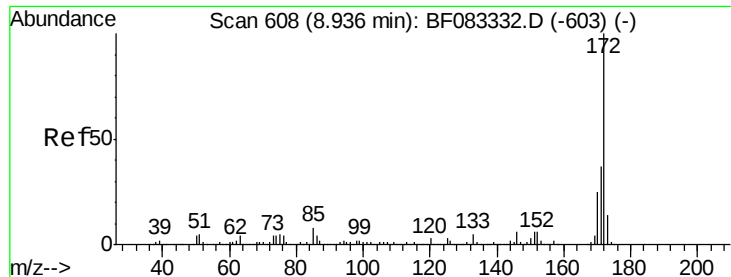
Tot Ion:196 Resp: 260252
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.9 113.9
 200 30.8 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.68 ng
 RT: 8.90 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion:196 Resp: 257181
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.6 116.4
 97 46.1 32.6 48.8
 132 25.7 19.8 29.8





#44

2-Fluorobiphenyl

Concen: 75.85 ng

RT: 8.94 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

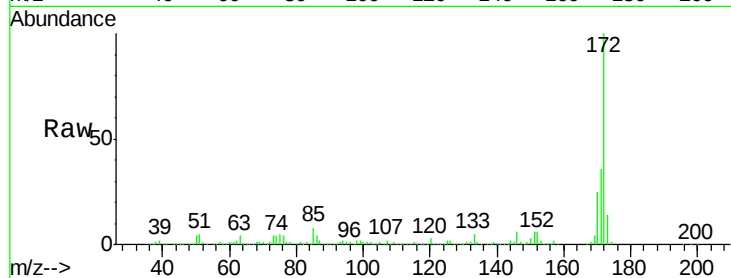
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1583924

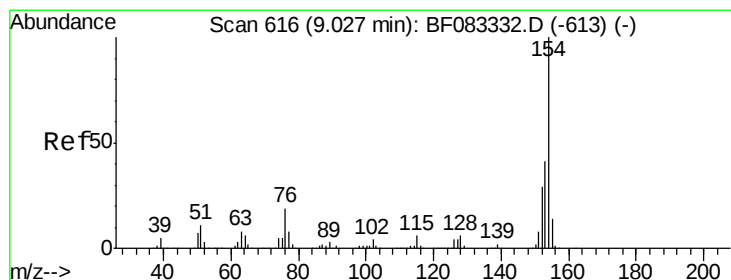
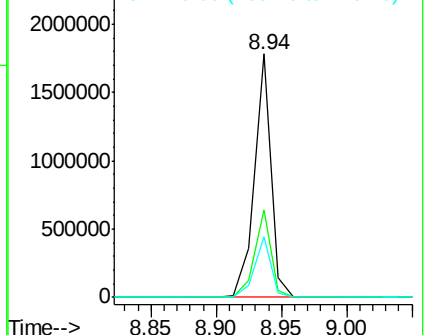
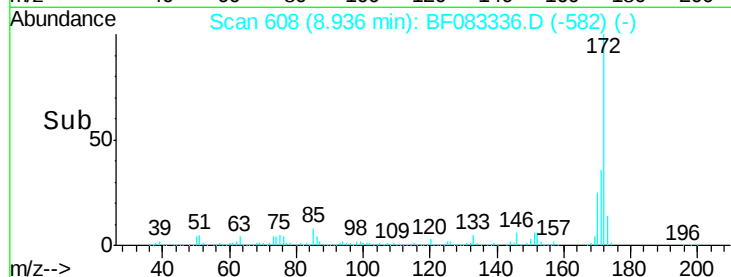
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.5	44.3
170	24.7	19.9	29.9



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: 34.92 ng

RT: 9.03 min Scan# 616

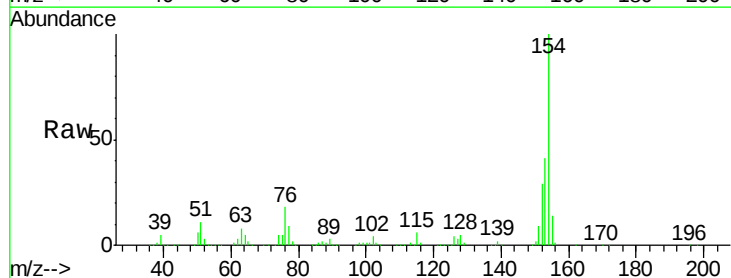
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:154 Resp: 921221

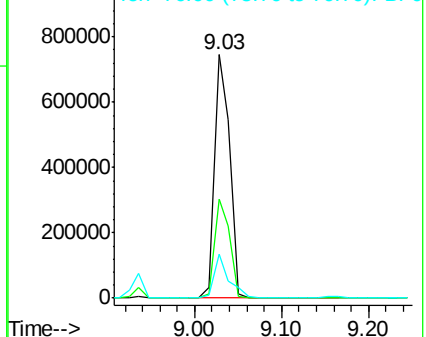
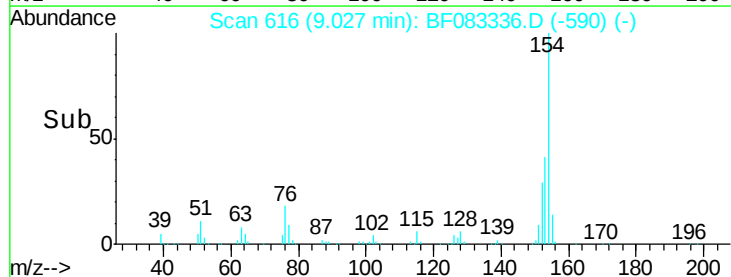
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	18.1	0.0	31.2

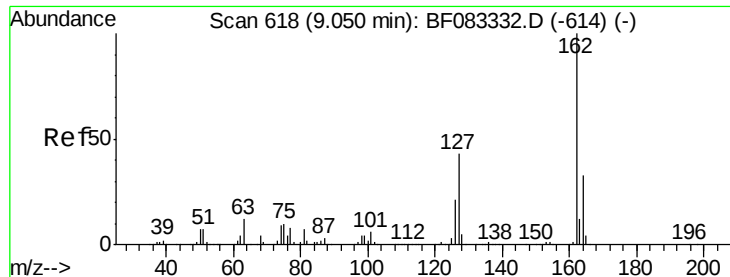


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

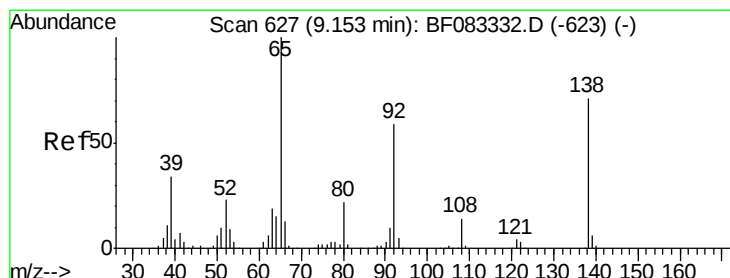
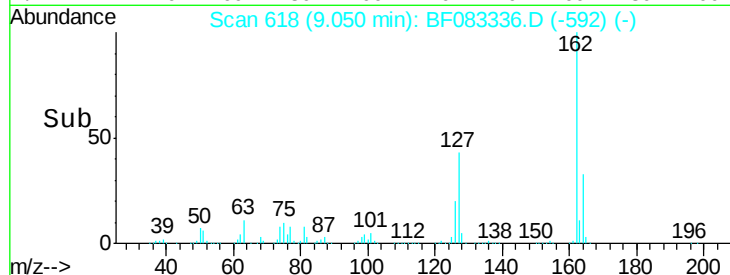
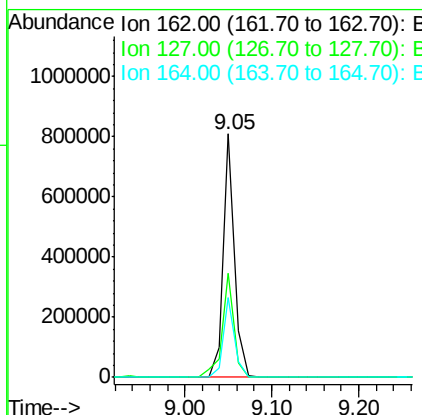
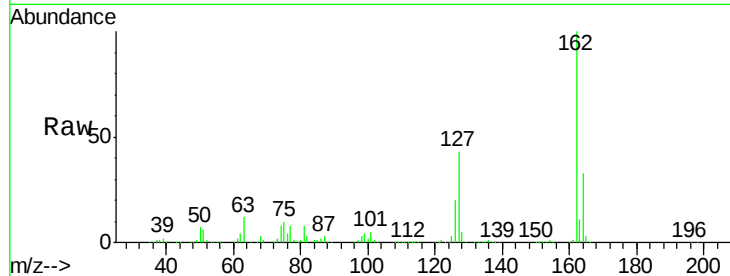




#46
2-Chloronaphthalene
Concen: 36.78 ng
RT: 9.05 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

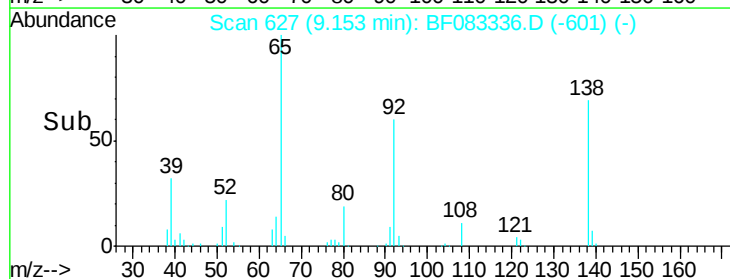
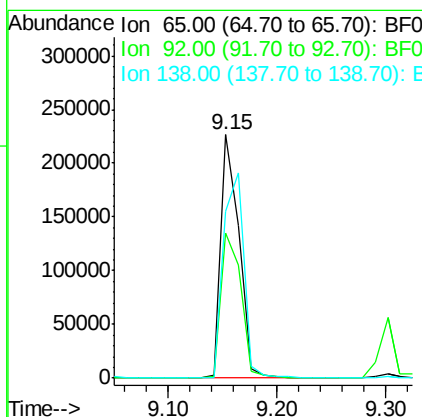
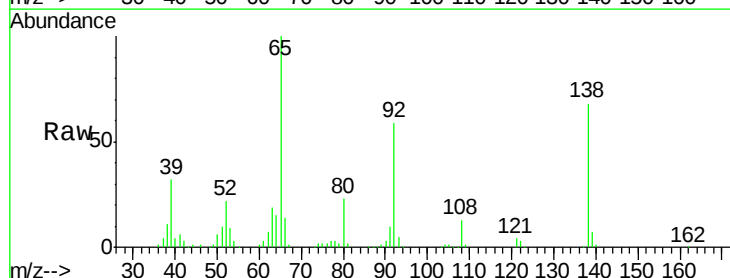
Instrument :
BNA_F
ClientSampleId :

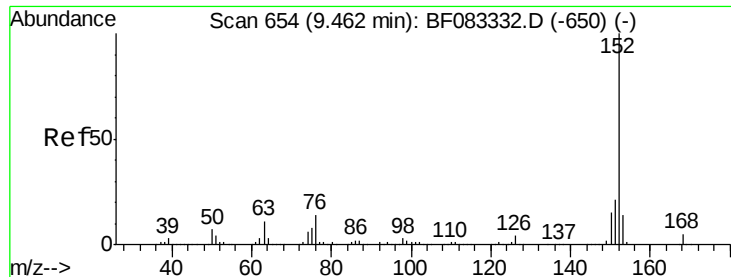
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	29.4	44.2
164	32.8	26.2	39.4



#47
2-Nitroaniline
Concen: 34.64 ng
RT: 9.15 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	49.5	74.3
138	68.5	60.7	91.1

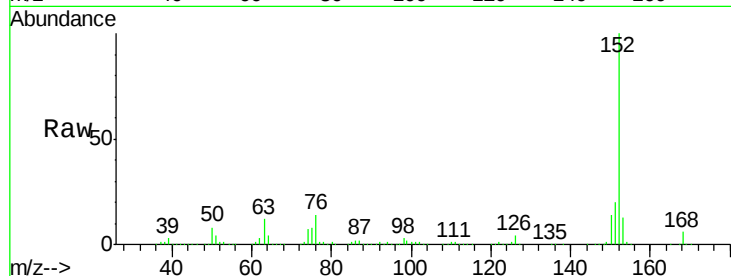




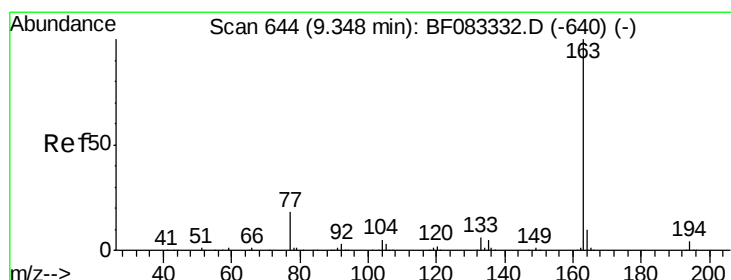
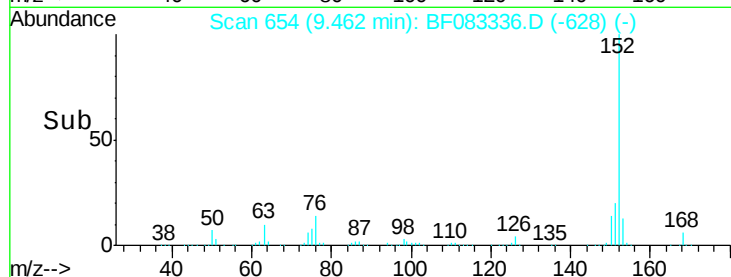
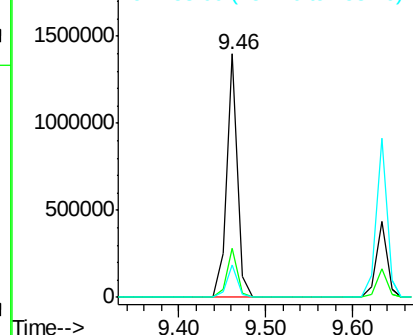
#48
Acenaphthylene
Concen: 39.13 ng
RT: 9.46 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 1226564
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.5 10.8 16.2

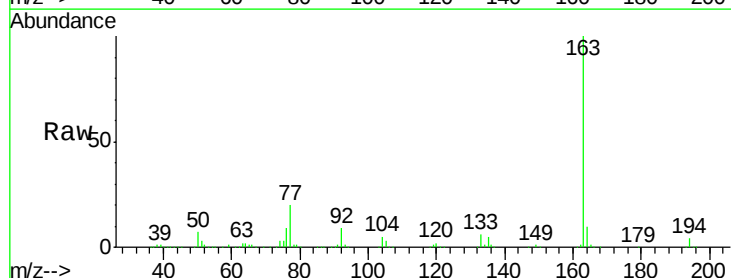


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

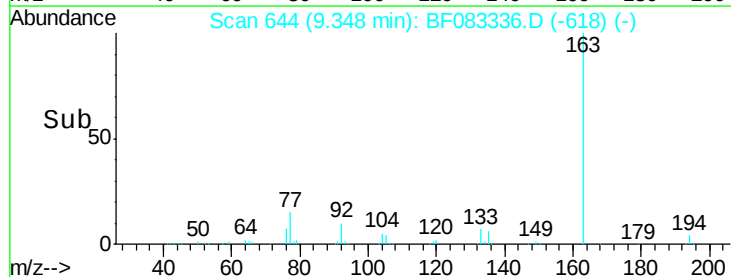
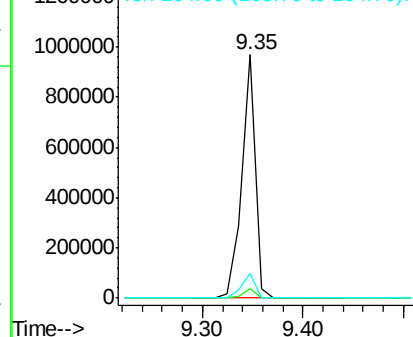


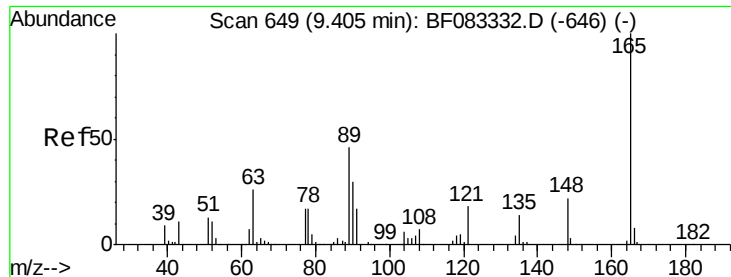
#49
Dimethylphthalate
Concen: 40.18 ng
RT: 9.35 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:163 Resp: 906932
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 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: 40.19 ng

RT: 9.40 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

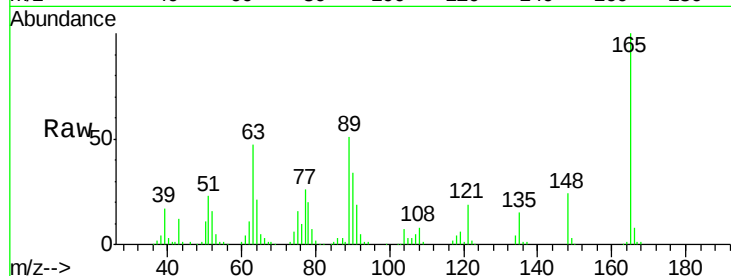
Tot Ion:165 Resp: 203956

Ion Ratio Lower Upper

165 100

63 47.2 62.5 93.7#

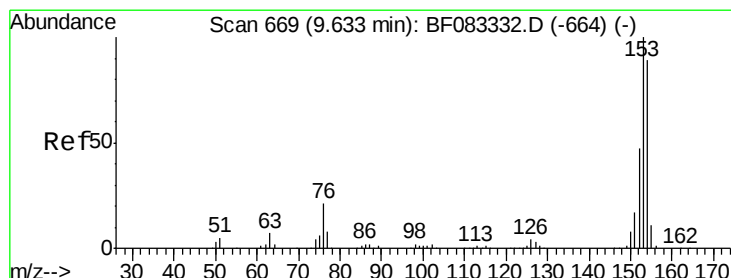
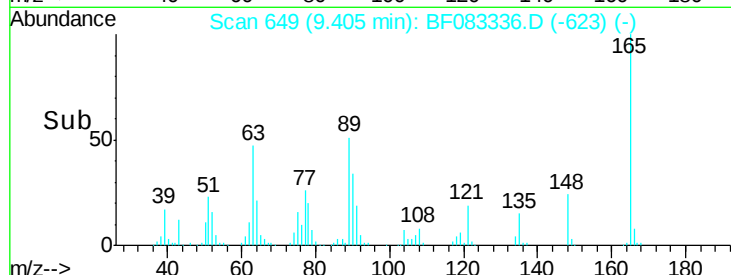
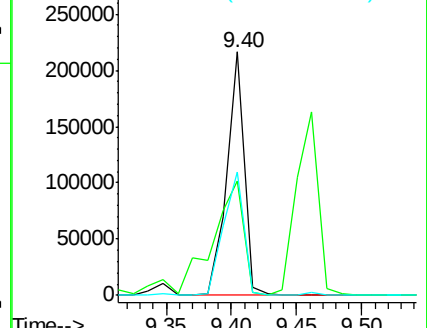
89 50.8 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 38.26 ng

RT: 9.63 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

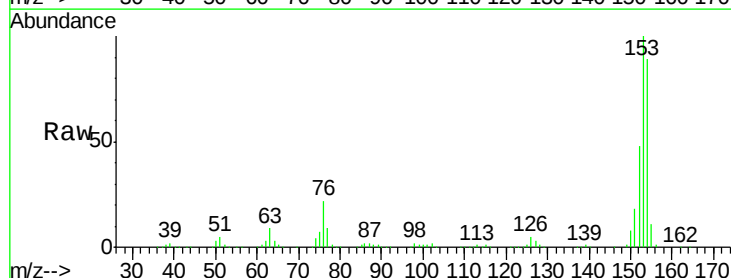
Tgt Ion:154 Resp: 699324

Ion Ratio Lower Upper

154 100

153 112.4 89.6 134.4

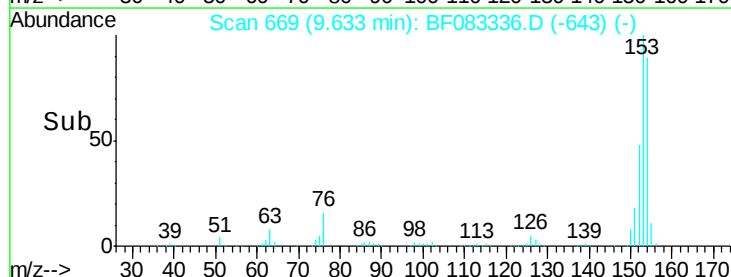
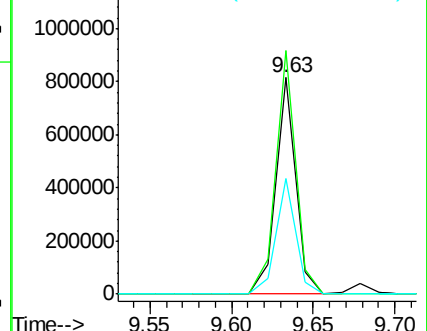
152 53.6 43.3 64.9

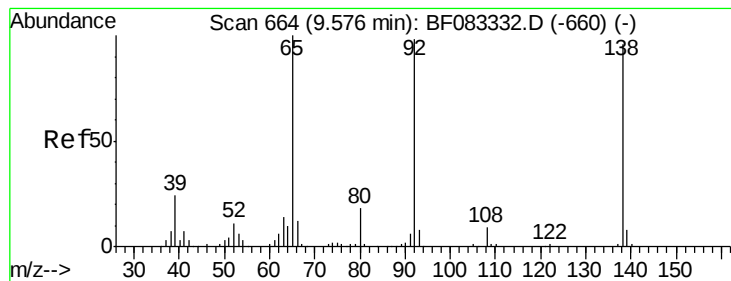


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 36.97 ng

RT: 9.58 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

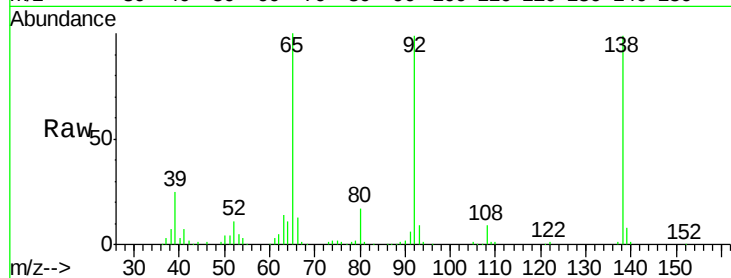
Tot Ion:138 Resp: 214691

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

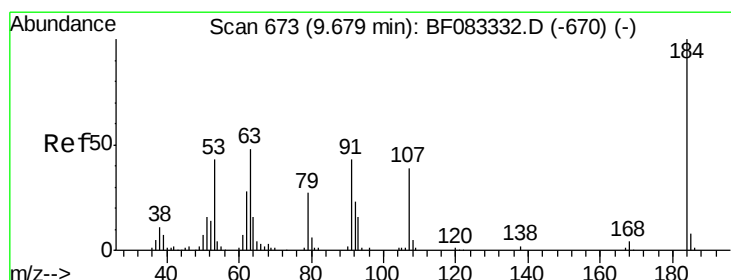
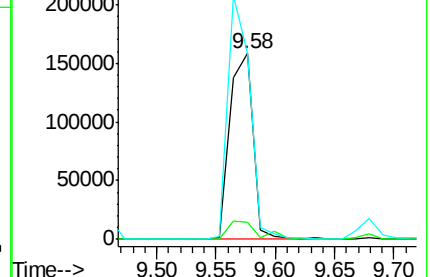
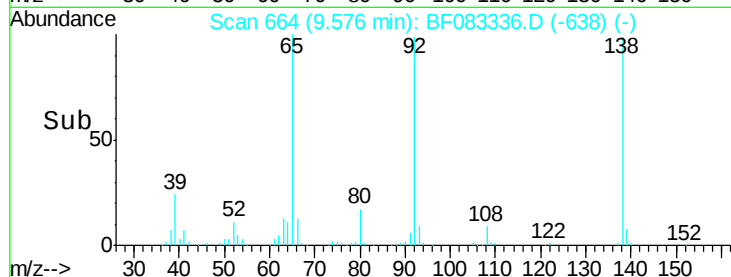
92 100.5 81.1 121.7



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: 45.62 ng

RT: 9.68 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

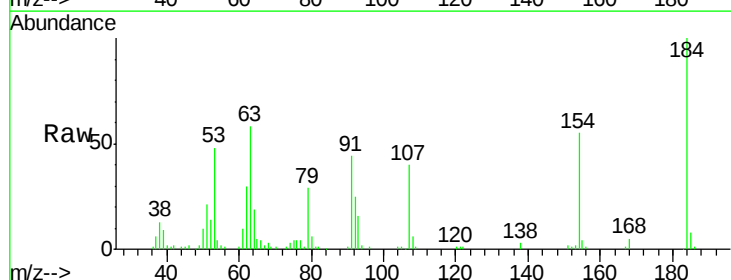
Tgt Ion:184 Resp: 73958

Ion Ratio Lower Upper

184 100

63 58.0 60.5 90.7#

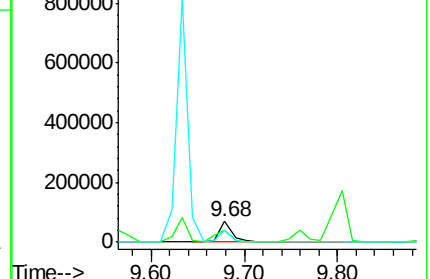
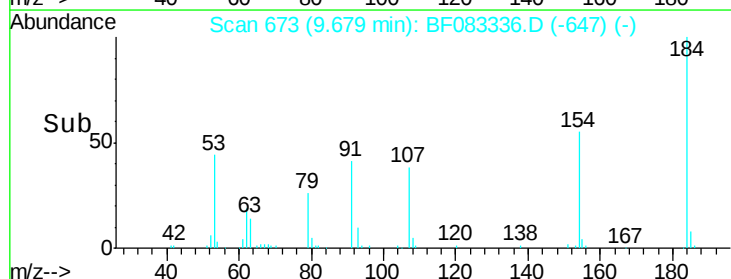
154 55.3 54.3 81.5

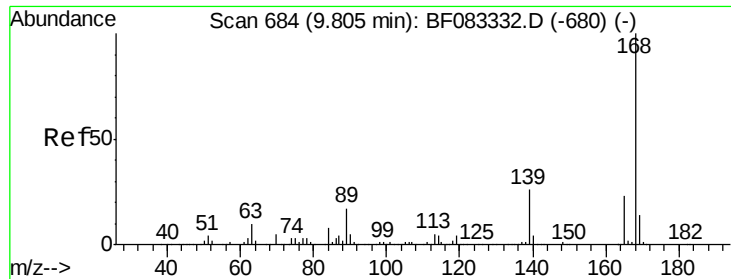


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

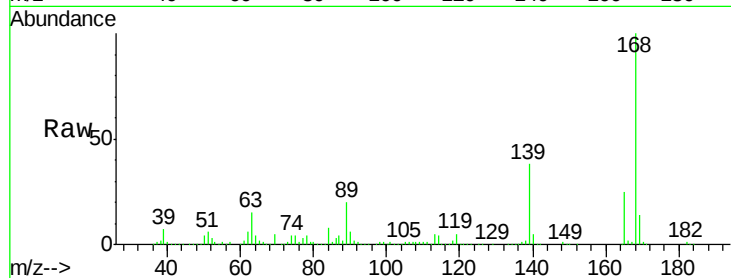




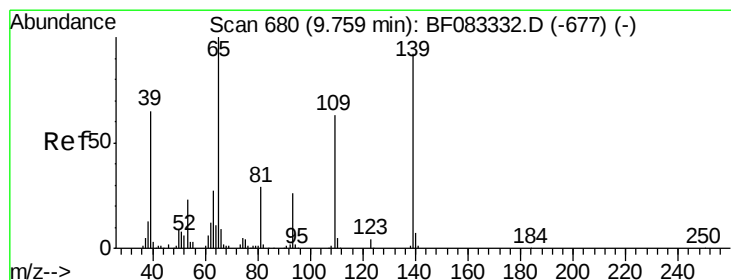
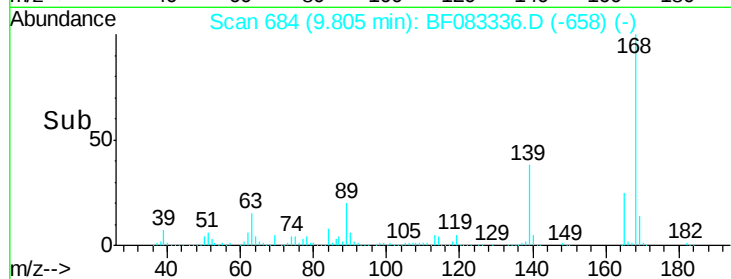
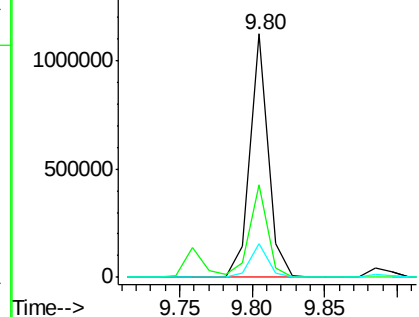
#54
Dibenzenofuran
Concen: 37.72 ng
RT: 9.80 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.2
169	13.8	10.9	16.3

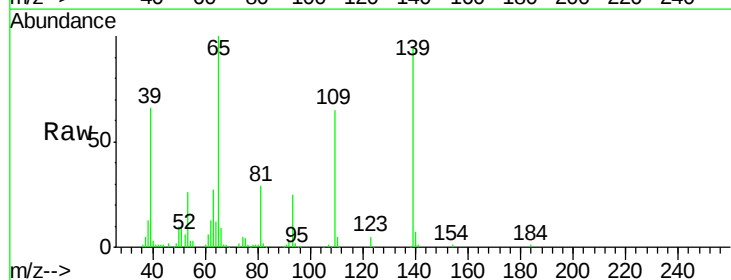


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

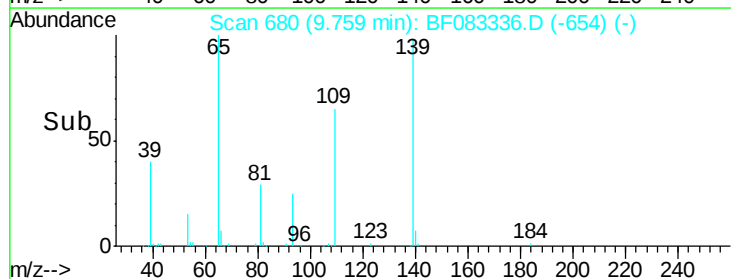
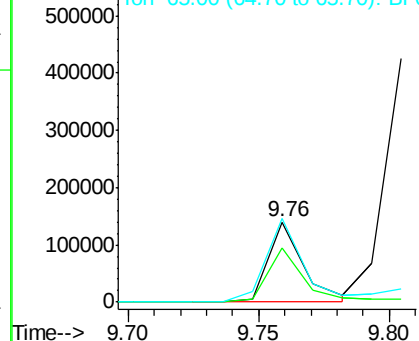


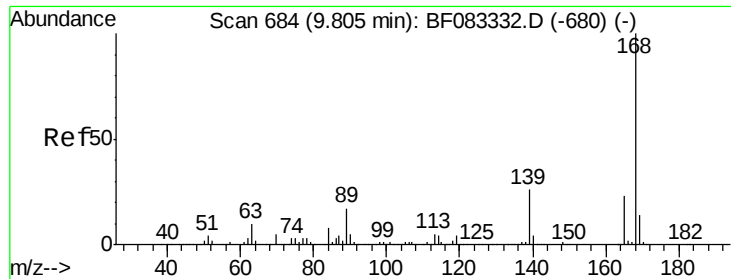
#55
4-Nitrophenol
Concen: 41.29 ng
RT: 9.76 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.5	64.0	104.0
65	105.2	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

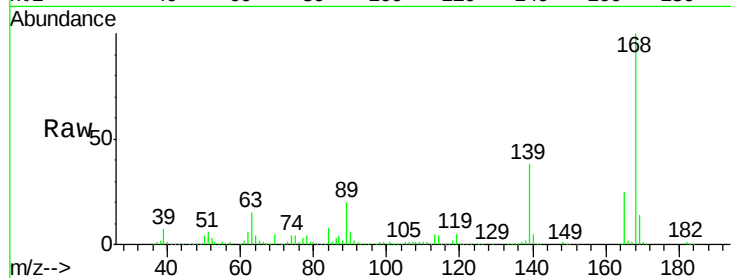




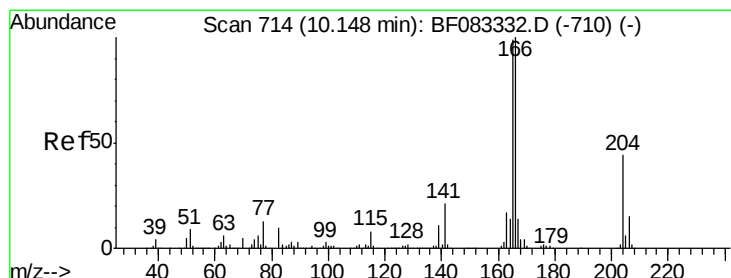
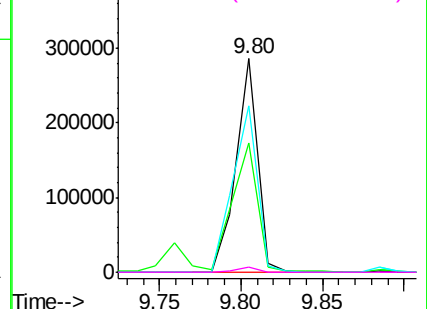
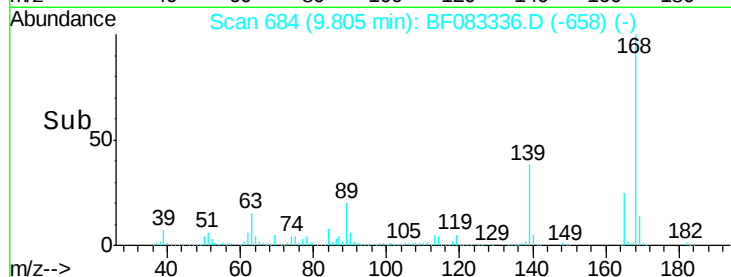
#56
2,4-Dinitrotoluene
Concen: 41.26 ng
RT: 9.80 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	259469
Ion	Ratio	Lower	Upper
165	100		
63	60.7	54.5	81.7
89	77.9	77.3	115.9
182	2.2	1.8	2.6

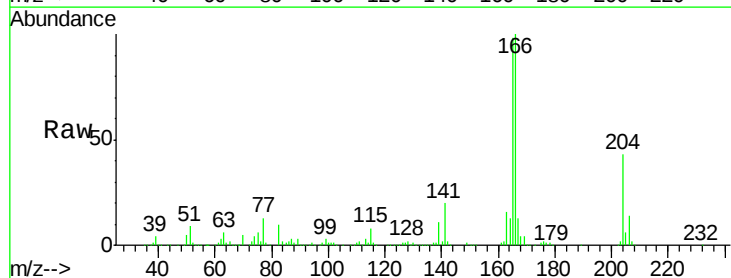


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

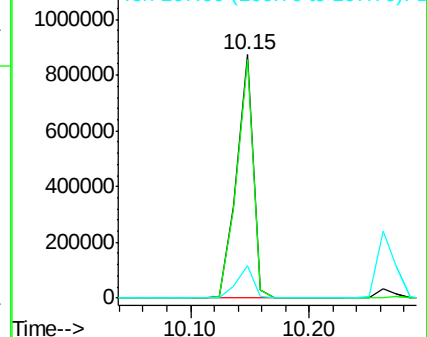
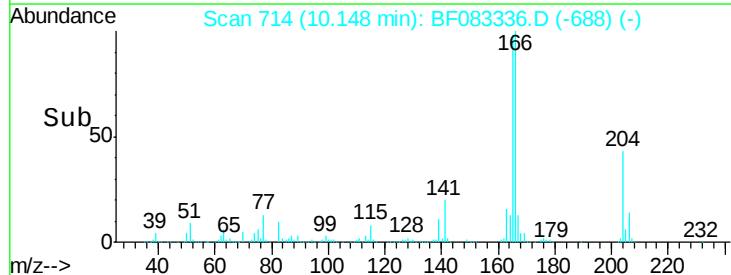


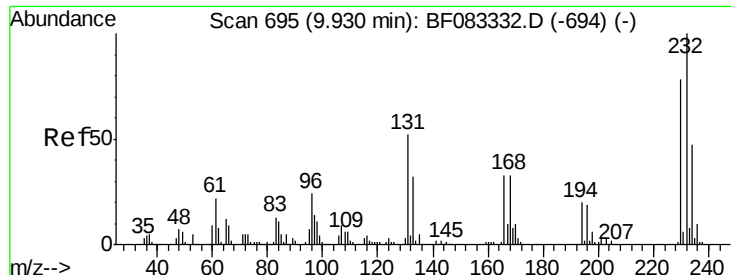
#57
Fluorene
Concen: 40.26 ng
RT: 10.15 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:	166	Resp:	849989
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.4	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

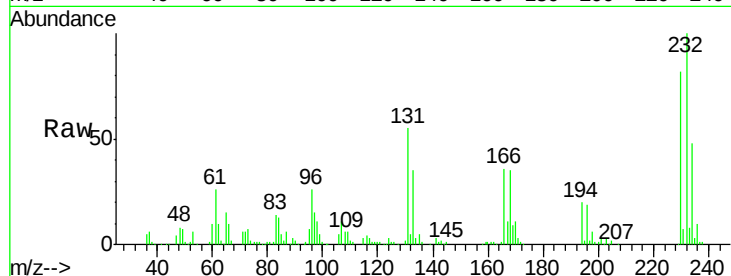




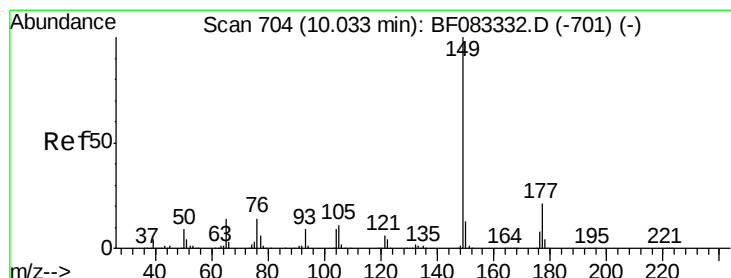
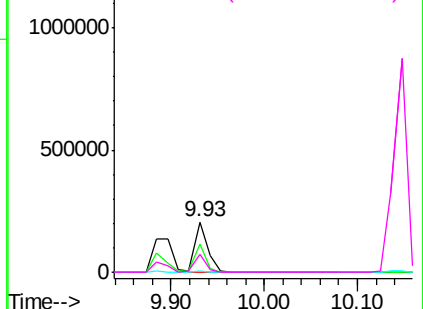
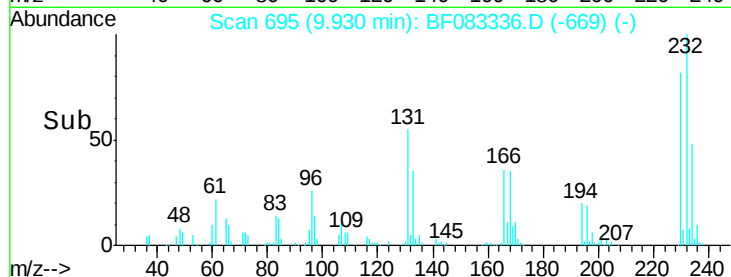
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.04 ng
 RT: 9.93 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	38.6	57.8
130	2.3	1.9	2.9
166	33.1	25.4	38.0

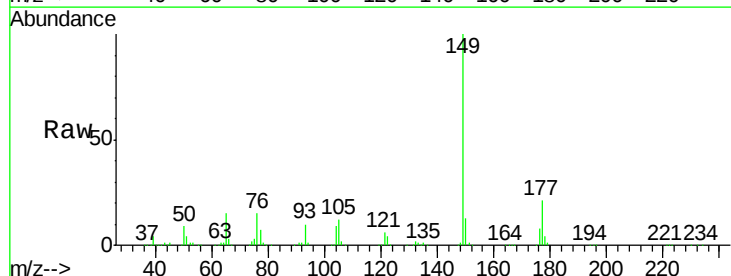


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

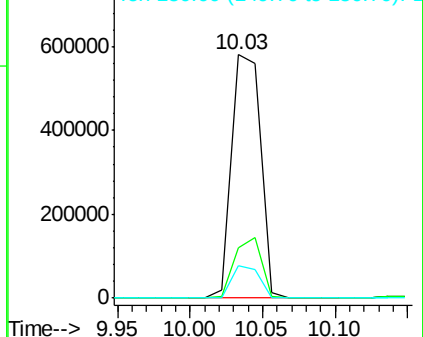
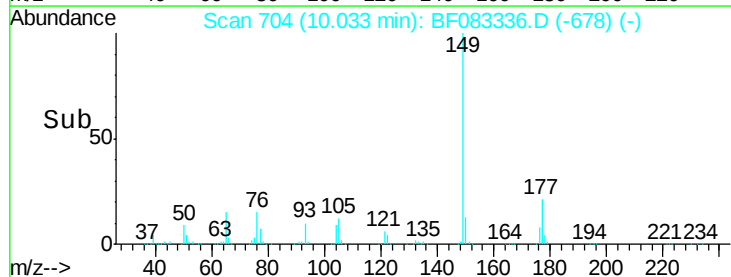


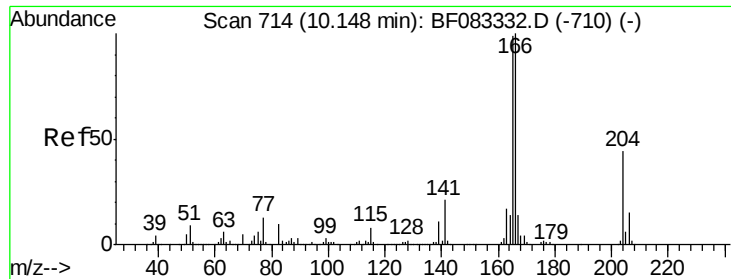
#59
 Diethylphthalate
 Concen: 37.36 ng
 RT: 10.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	19.4	29.2
150	13.5	10.2	15.2



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

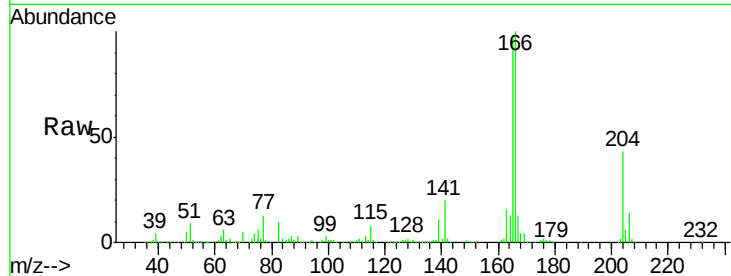




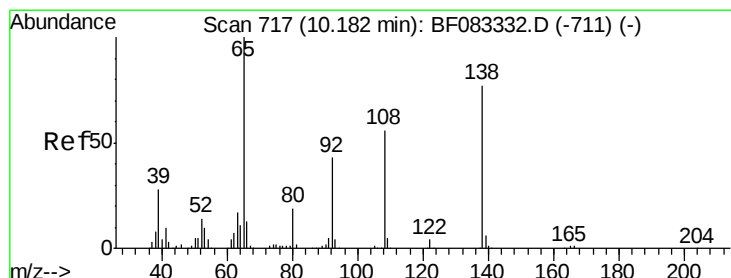
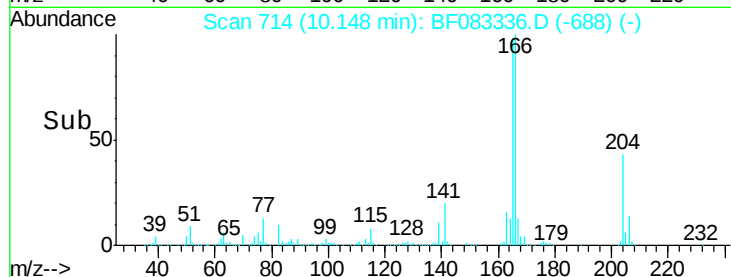
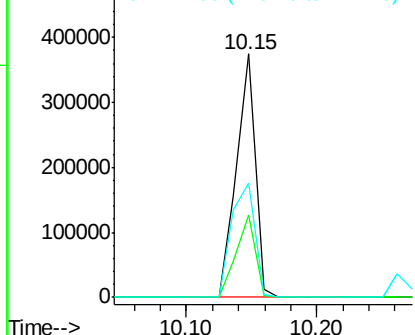
#60
4-Chlorophenyl-phenylether
Concen: 38.21 ng
RT: 10.15 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 374102
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.0
141 46.9 57.4 86.2#

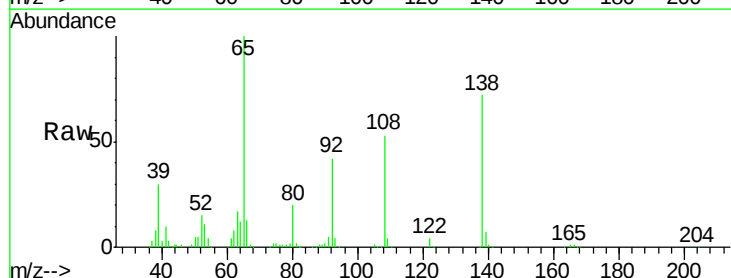


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

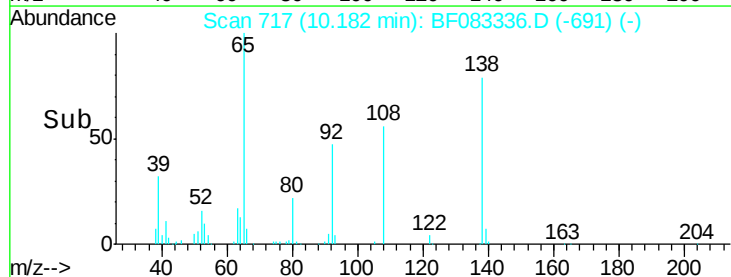
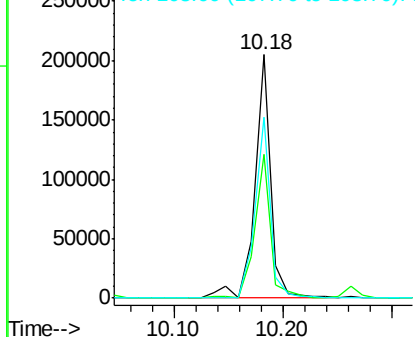


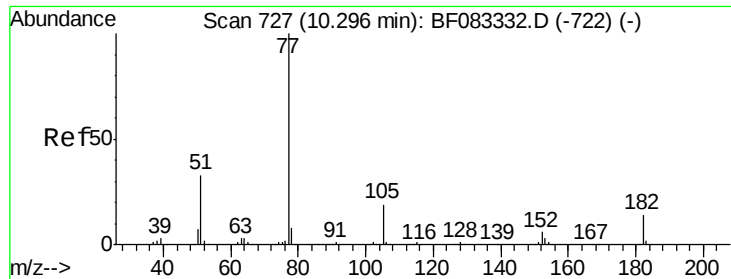
#61
4-Nitroaniline
Concen: 39.10 ng
RT: 10.18 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:138 Resp: 208942
Ion Ratio Lower Upper
138 100
92 59.2 28.4 68.4
108 74.5 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: 37.19 ng

RT: 10.30 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1007763

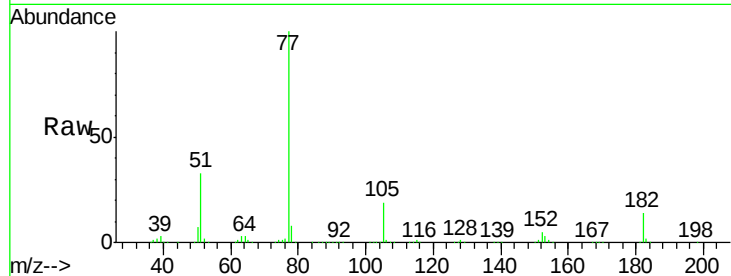
Ion Ratio Lower Upper

77 100

182 13.6 0.0 38.3

105 18.7 1.2 41.2

51 32.7 11.1 51.1

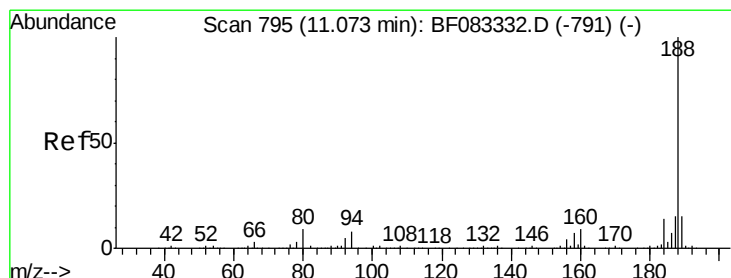
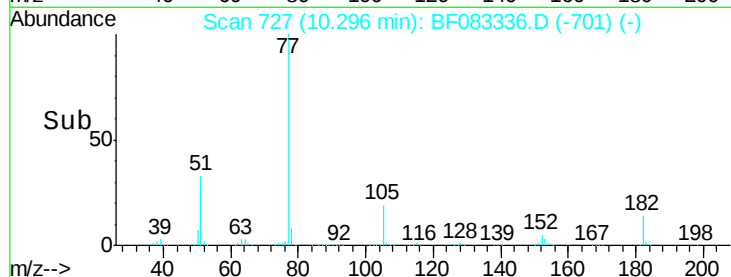
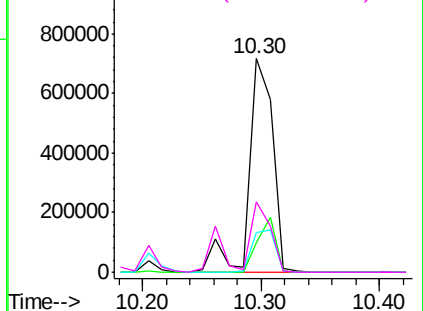


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF083336.D

Acq: 27 Nov 2015 18:57

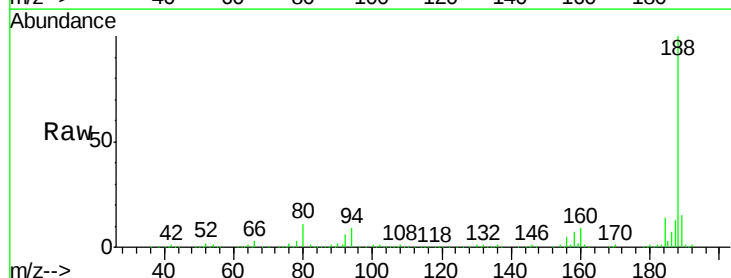
Tgt Ion: 188 Resp: 531981

Ion Ratio Lower Upper

188 100

94 9.5 6.0 9.0#

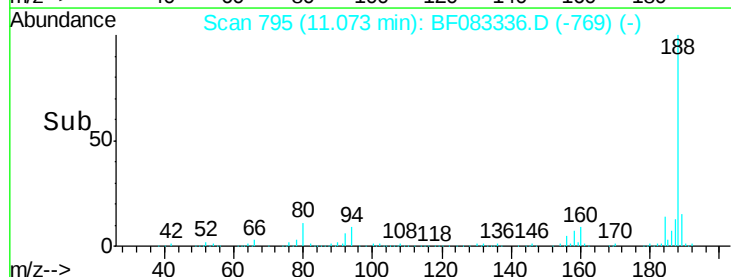
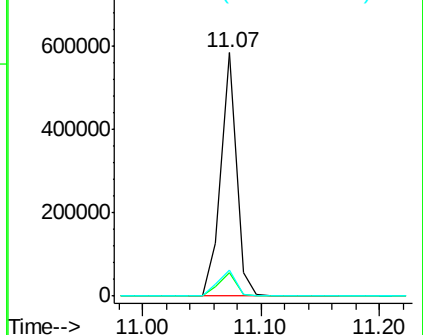
80 10.6 6.7 10.1#

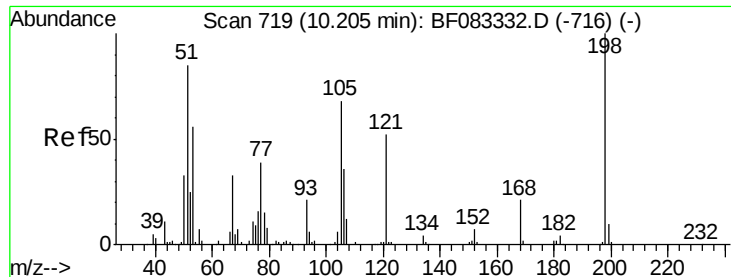


Abundance Ion 188.00 (187.70 to 188.70): E

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: 37.31 ng

RT: 10.20 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

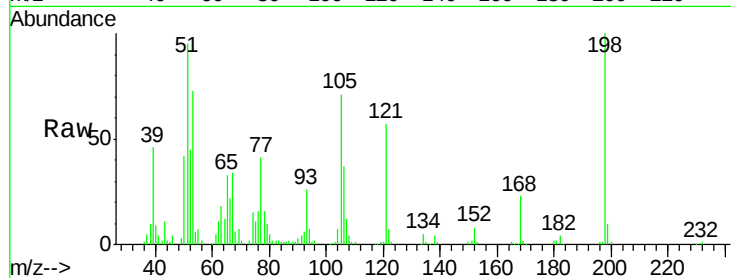
Tot Ion:198 Resp: 123097

Ion Ratio Lower Upper

198 100

51 95.1 27.0 67.0#

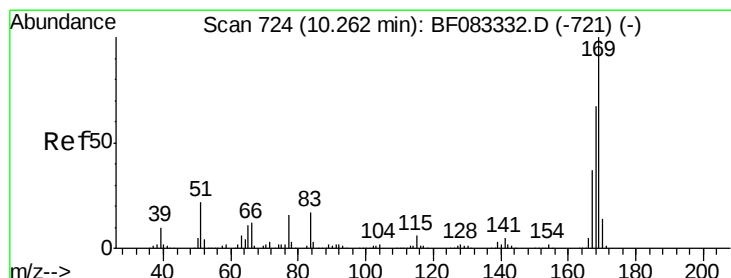
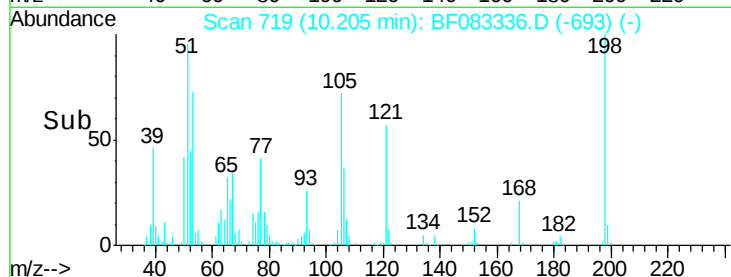
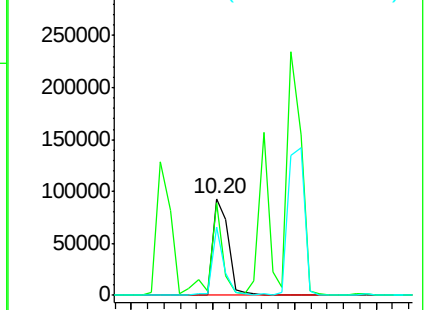
105 71.1 26.1 66.1#



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: 34.84 ng

RT: 10.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

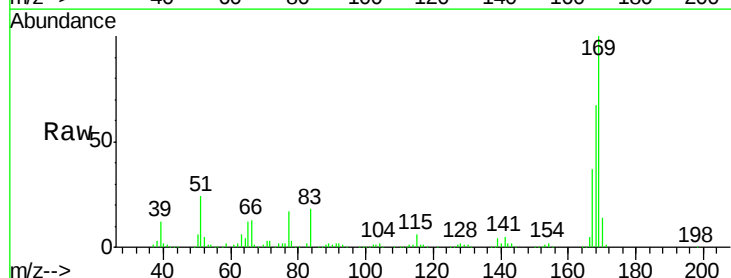
Tgt Ion:169 Resp: 673023

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.6

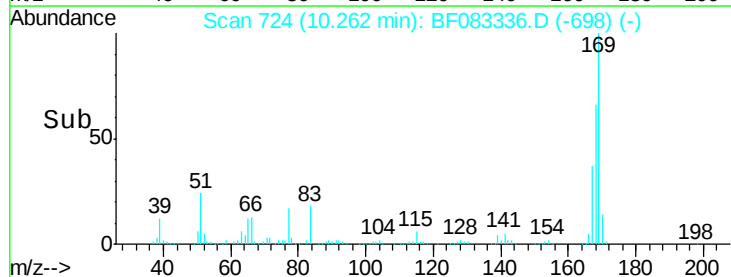
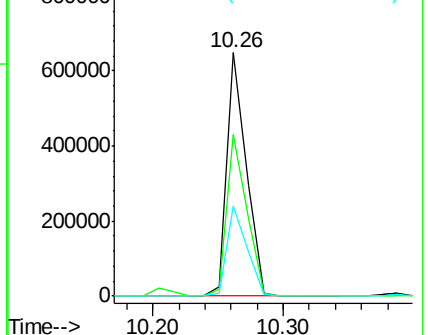
167 36.8 29.8 44.8

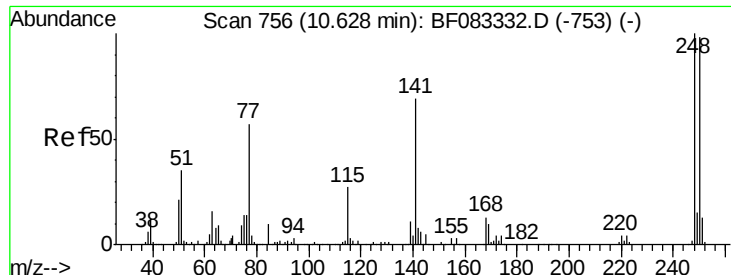


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

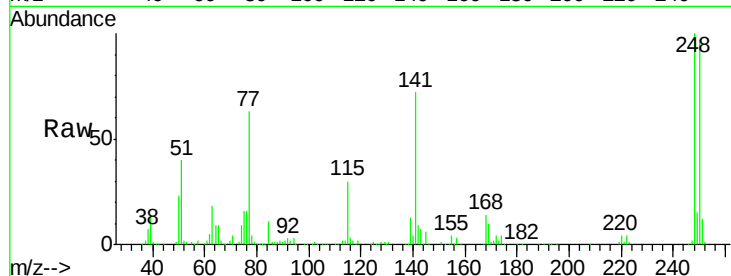




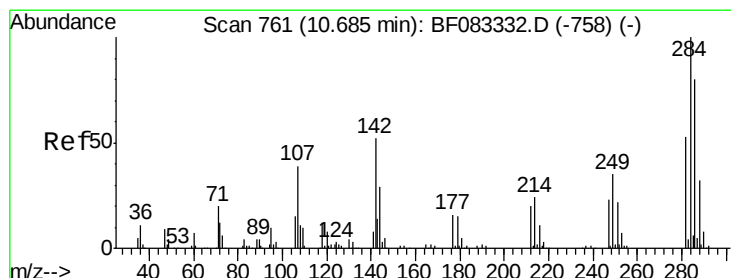
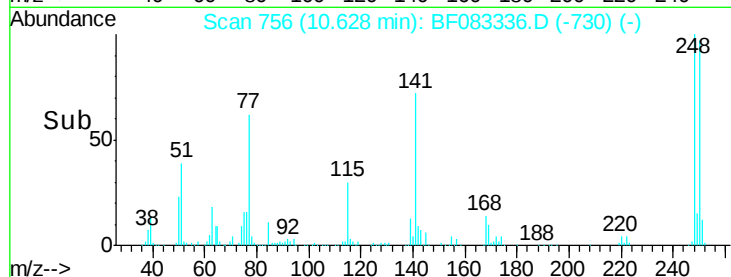
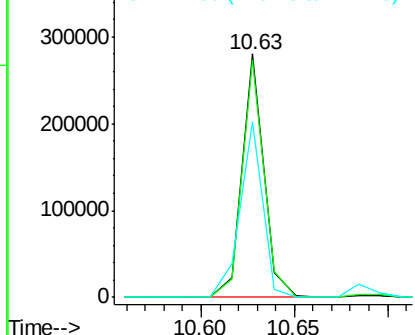
#66
4-Bromophenyl-phenylether
Concen: 38.14 ng
RT: 10.63 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 229042
Ion Ratio Lower Upper
248 100
250 97.4 75.4 113.2
141 72.3 48.1 72.1#

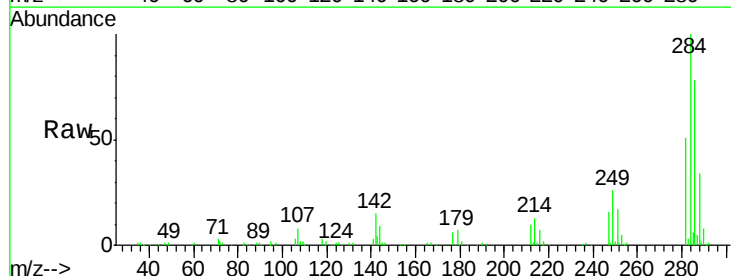


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

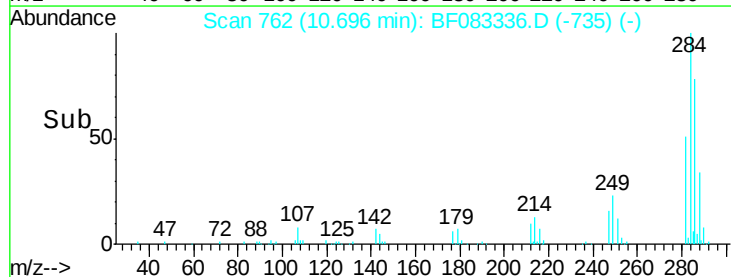
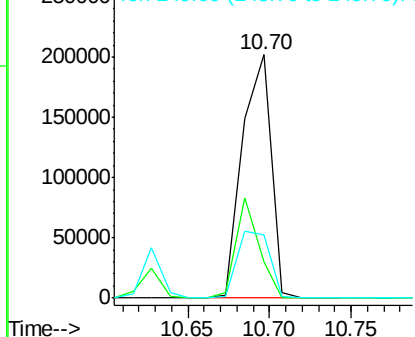


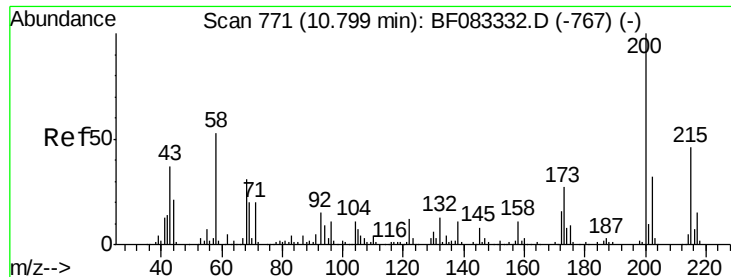
#67
Hexachlorobenzene
Concen: 36.67 ng
RT: 10.70 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:284 Resp: 246036
Ion Ratio Lower Upper
284 100
142 14.7 27.6 41.4#
249 26.0 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

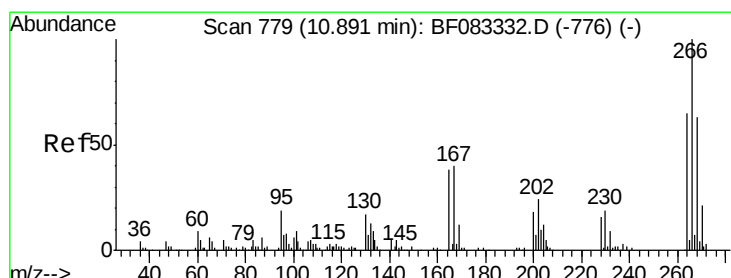
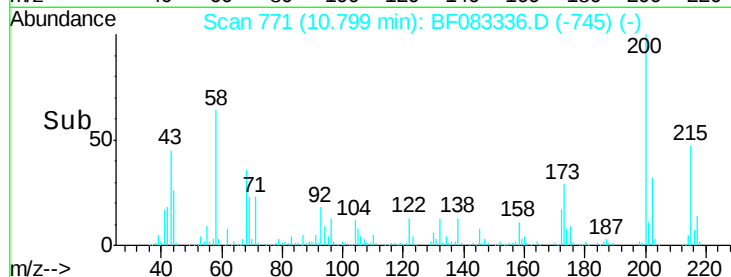
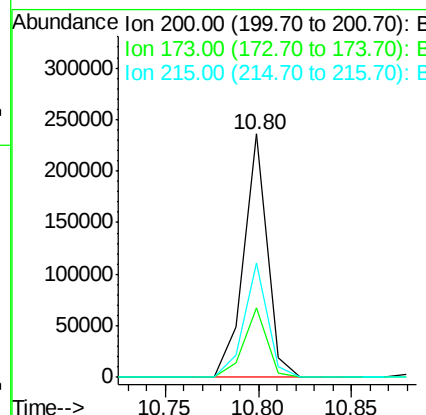
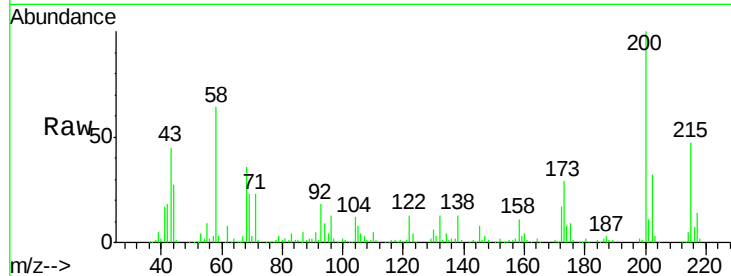




#68
Atrazine
Concen: 39.20 ng
RT: 10.80 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

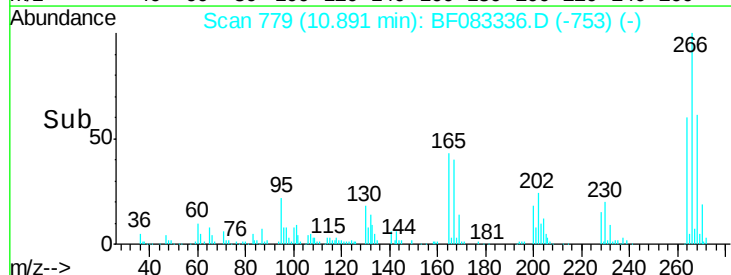
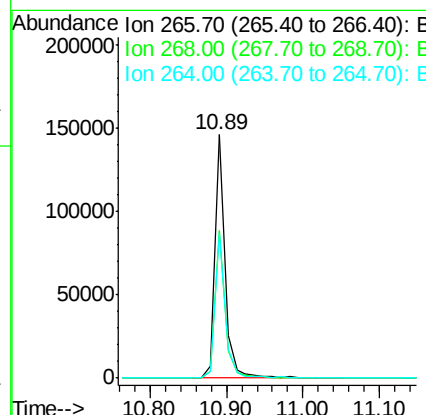
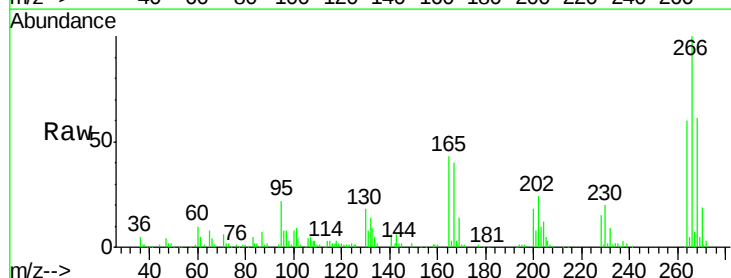
Instrument :
BNA_F
ClientSampleId :

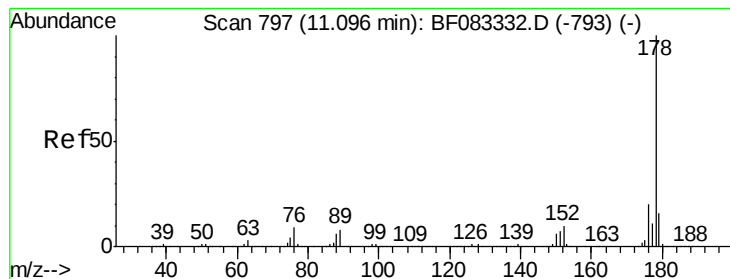
Tot Ion:200 Resp: 208616
Ion Ratio Lower Upper
200 100
173 28.7 7.2 47.2
215 46.8 25.7 65.7



#69
Pentachlorophenol
Concen: 40.20 ng
RT: 10.89 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:266 Resp: 133531
Ion Ratio Lower Upper
266 100
268 60.5 51.4 77.0
264 59.8 51.7 77.5





#70

Phenanthrene

Concen: 37.11 ng

RT: 11.10 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

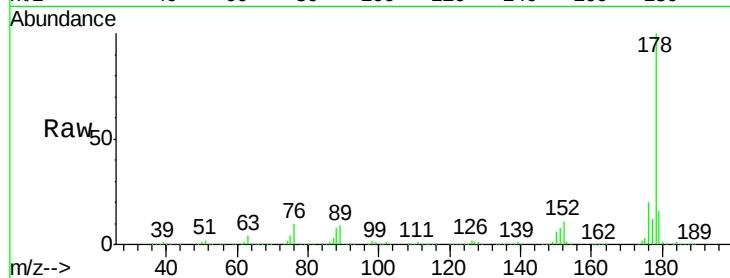
Tot Ion:178 Resp: 1162592

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.2

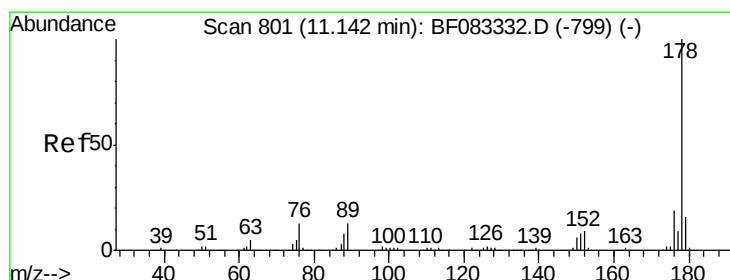
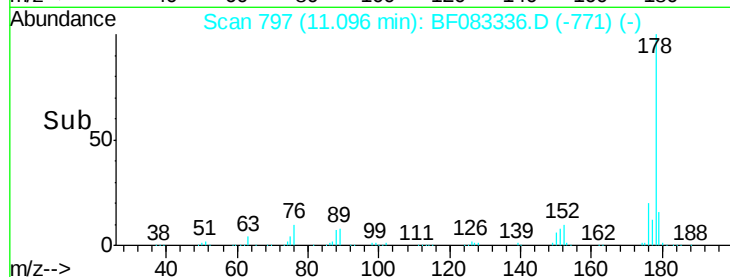
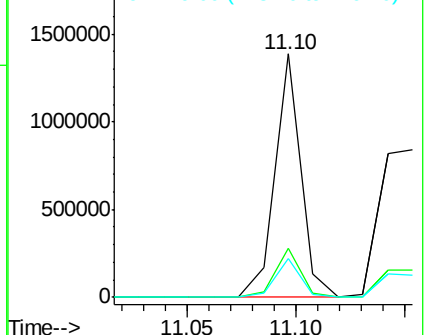
179 16.0 12.8 19.2



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: 36.77 ng

RT: 11.15 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

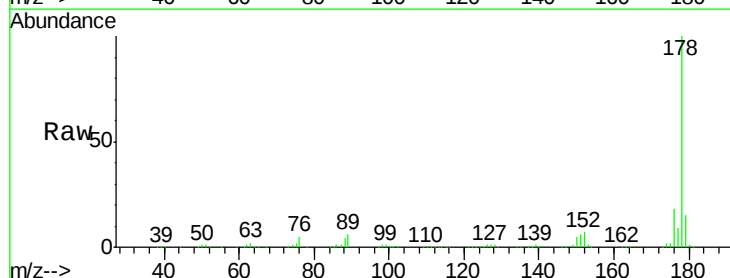
Tgt Ion:178 Resp: 1176610

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

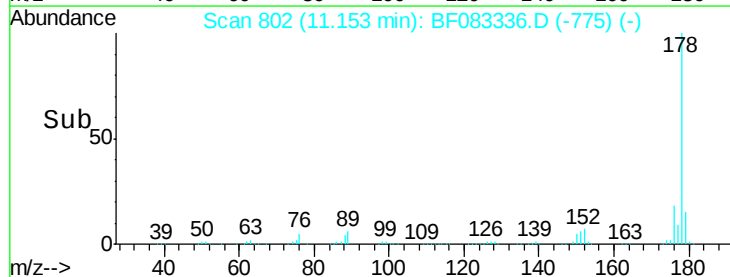
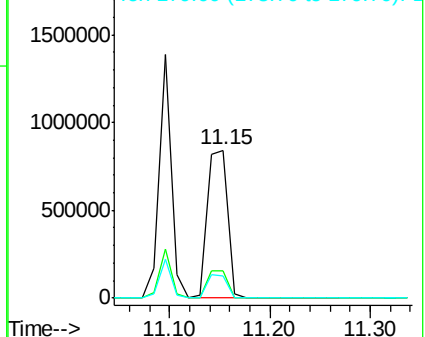
179 15.3 13.2 19.8

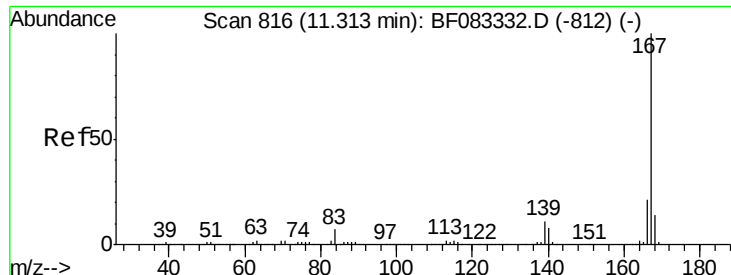


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.30 ng

RT: 11.31 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

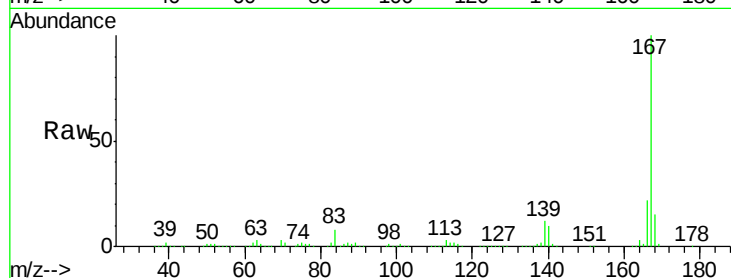
Tot Ion:167 Resp: 1057288

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

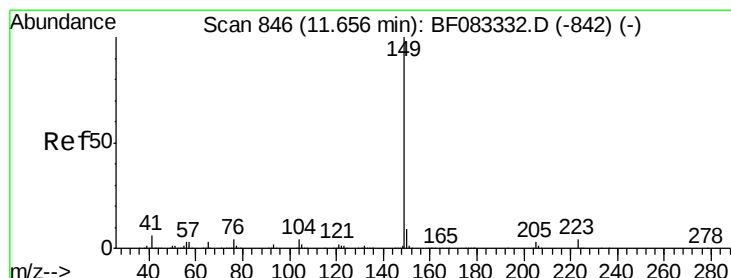
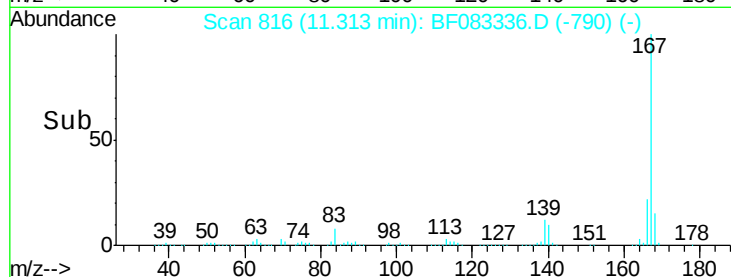
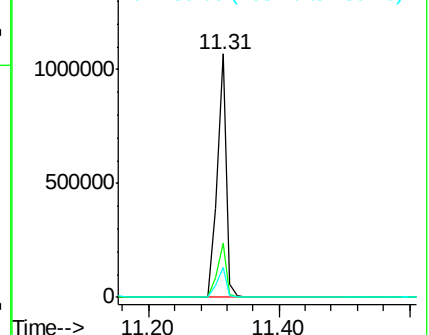
139 12.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.92 ng

RT: 11.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

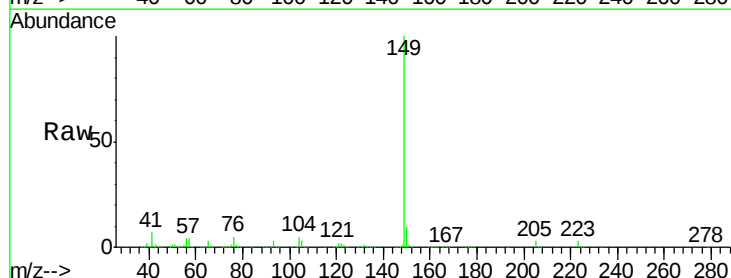
Tgt Ion:149 Resp: 1284073

Ion Ratio Lower Upper

149 100

150 9.6 8.0 12.0

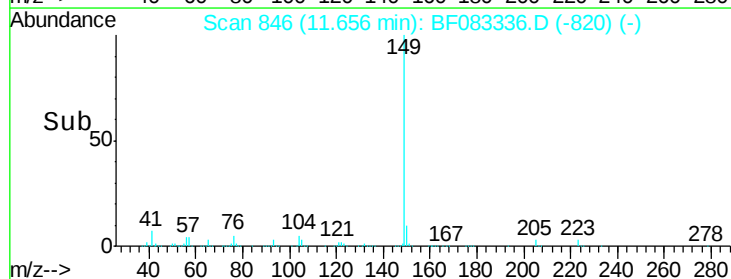
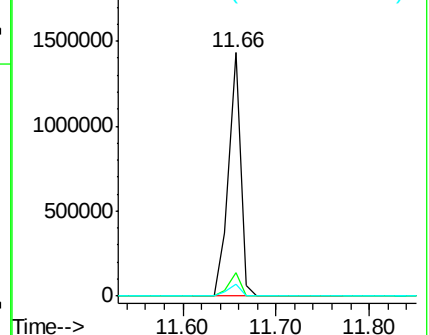
104 4.7 4.4 6.6

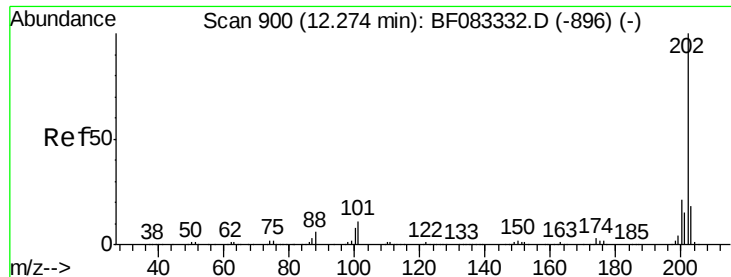


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

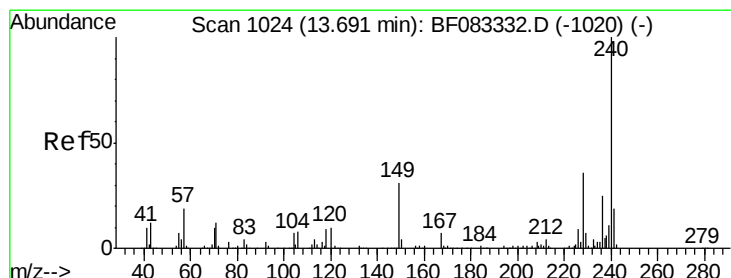
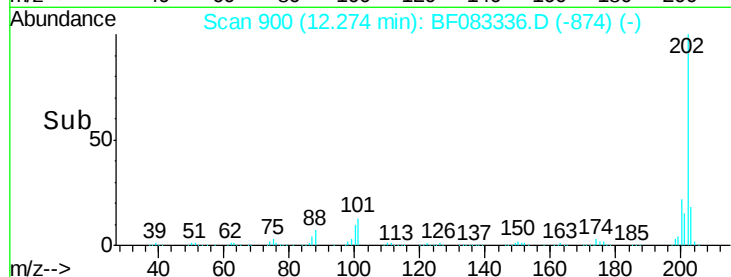
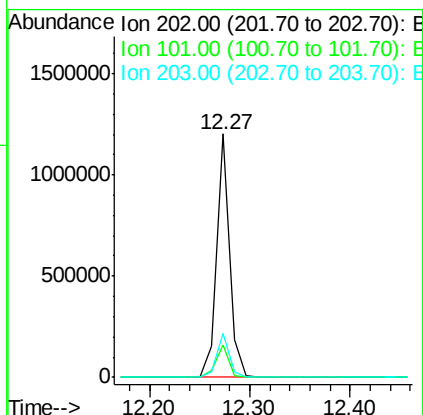
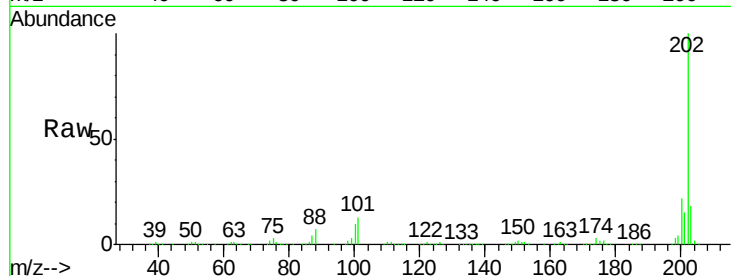




#74
 Fluoranthene
 Concen: 36.87 ng
 RT: 12.27 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

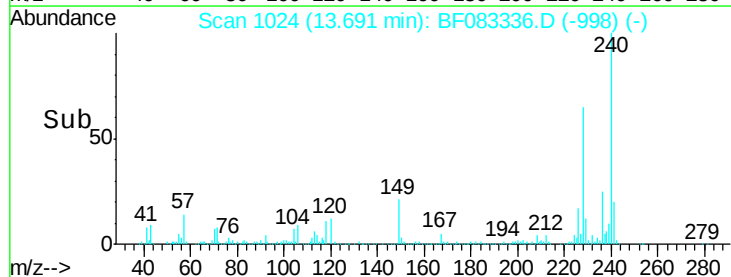
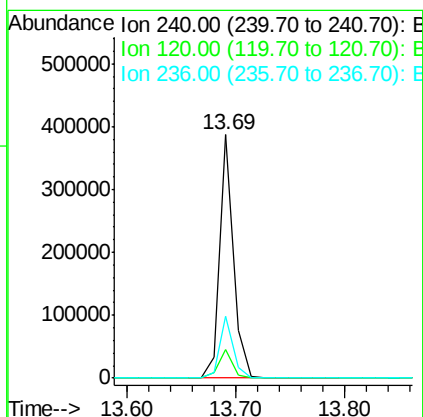
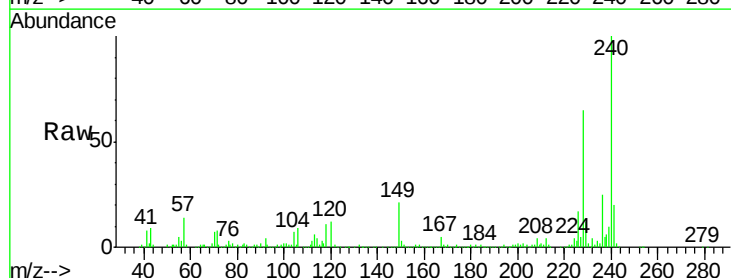
Instrument :
 BNA_F
 ClientSampleId :

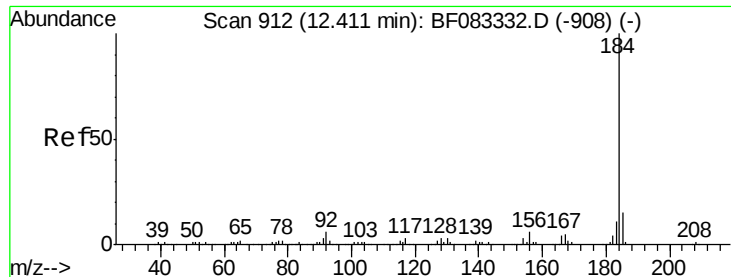
Tot Ion:202 Resp: 1069249
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 32.3
 203 18.2 0.0 38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion:240 Resp: 345609
 Ion Ratio Lower Upper
 240 100
 120 11.9 5.4 8.2#
 236 25.3 20.6 31.0





#76

Benzidine

Concen: 36.84 ng

RT: 12.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampled :

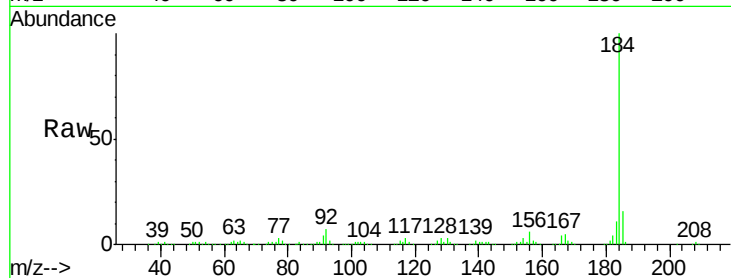
Tot Ion:184 Resp: 448192

Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

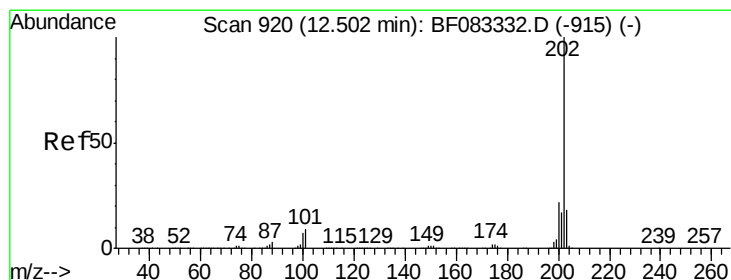
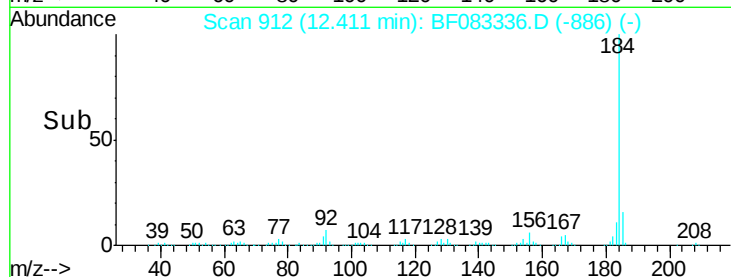
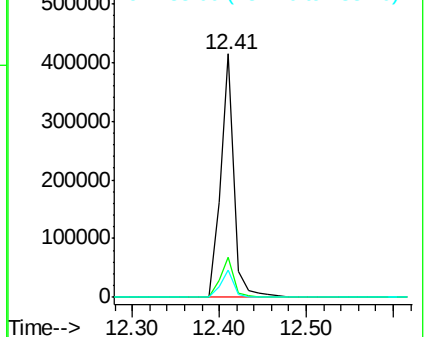
183 11.4 8.8 13.2



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: 39.38 ng

RT: 12.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

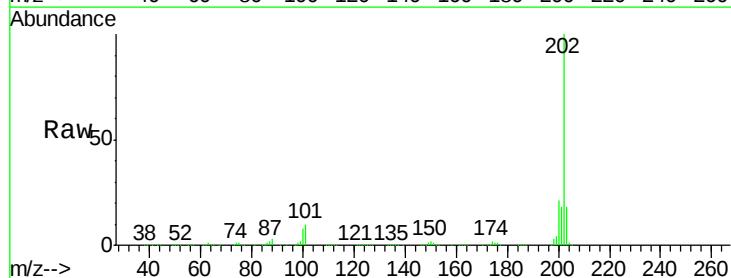
Tgt Ion:202 Resp: 1124357

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

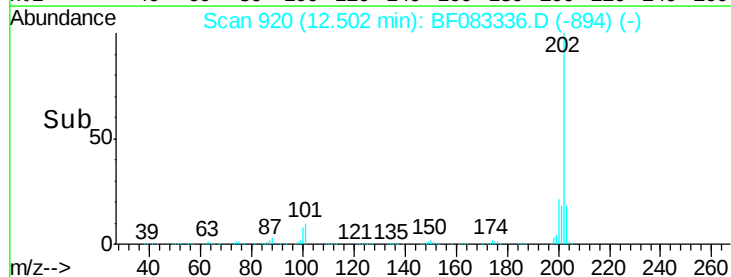
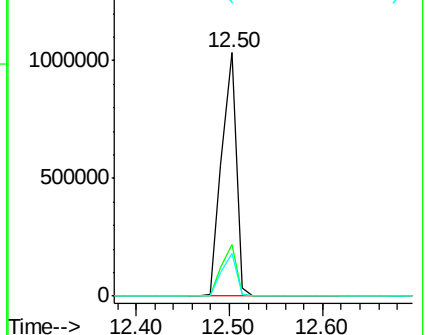
203 17.6 15.0 22.4

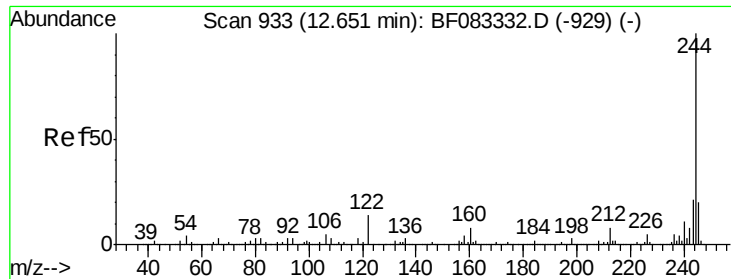


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



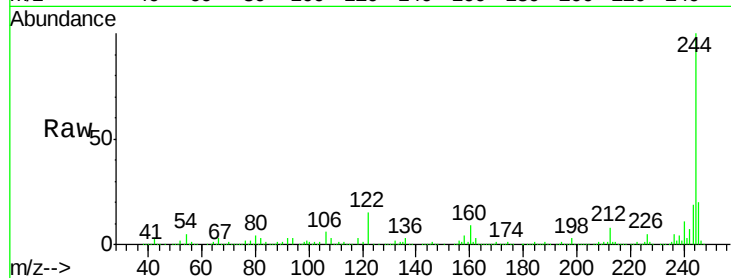


#78
 Terphenyl-d14
 Concen: 72.47 ng
 RT: 12.65 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

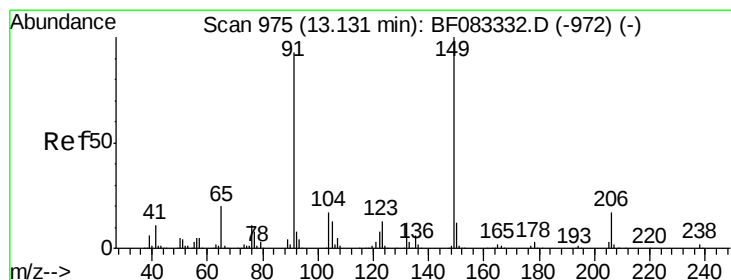
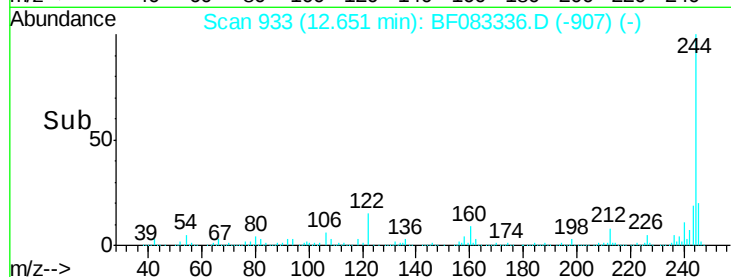
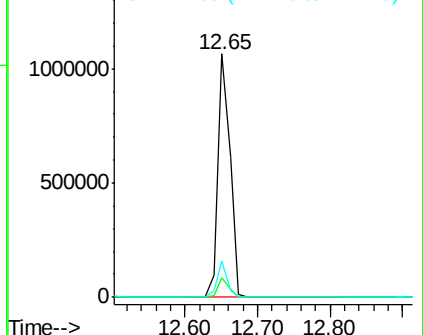
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1228183

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	14.9	4.3	6.5#



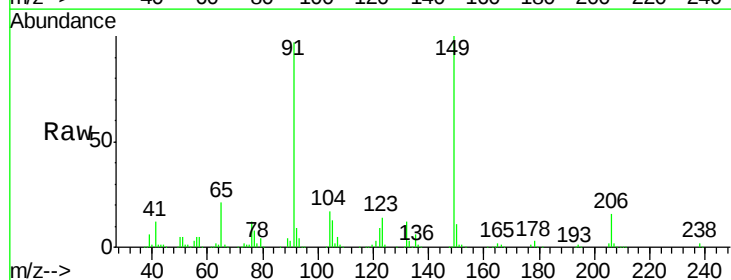
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



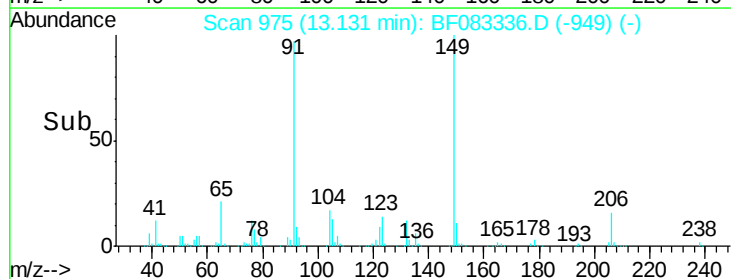
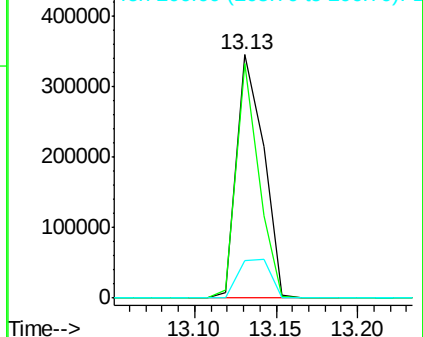
#79
 Butylbenzylphthalate
 Concen: 36.84 ng
 RT: 13.13 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

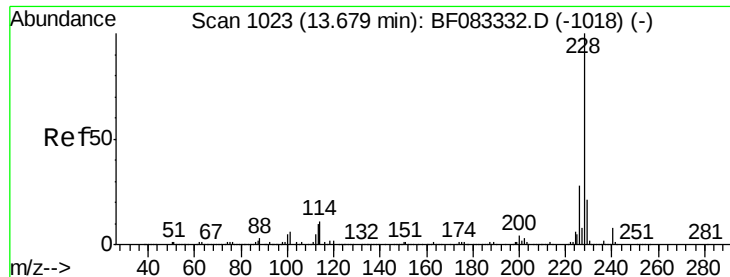
Tgt Ion:149 Resp: 391444

Ion	Ratio	Lower	Upper
149	100		
91	96.5	61.5	92.3#
206	15.7	15.3	22.9



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





#80

Benzo(a)anthracene

Concen: 36.72 ng

RT: 13.68 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampled :

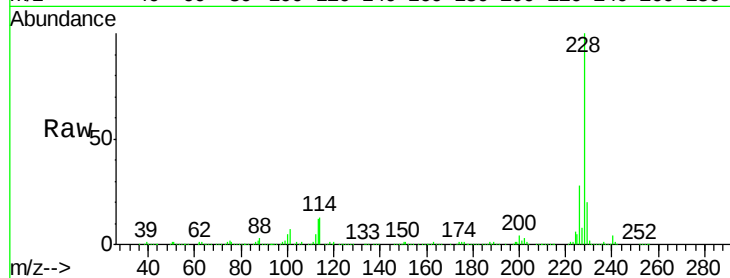
Tot Ion:228 Resp: 803021

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

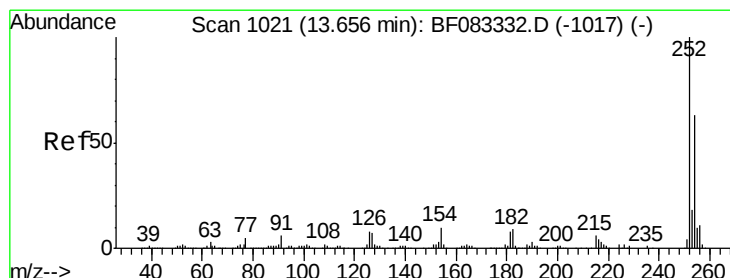
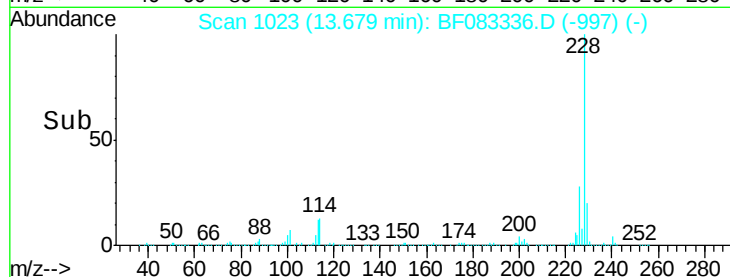
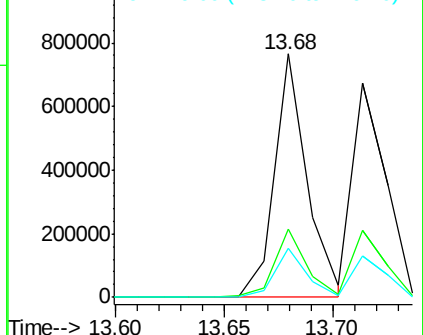
229 20.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 37.12 ng

RT: 13.66 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

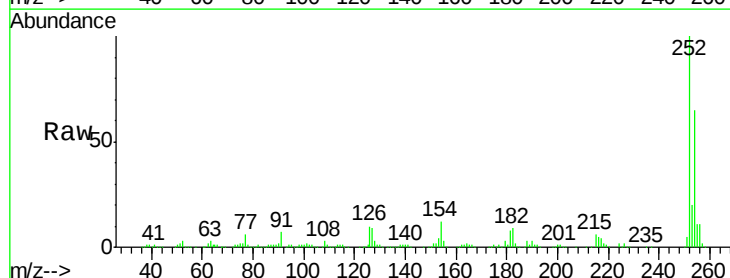
Tgt Ion:252 Resp: 255912

Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

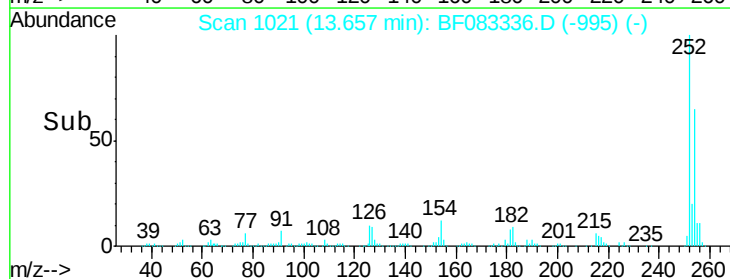
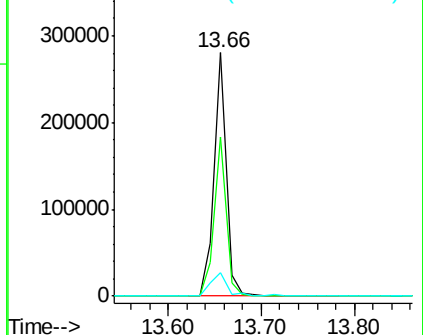
126 9.6 5.2 7.8#

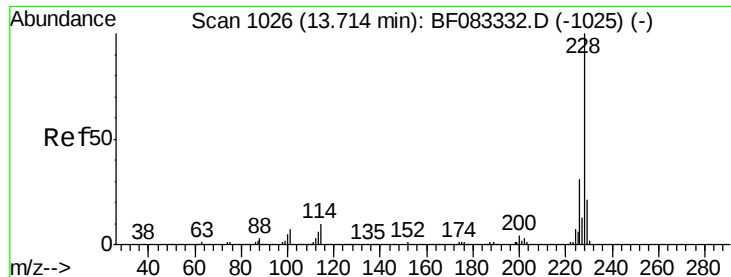


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.75 ng

RT: 13.71 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampled :

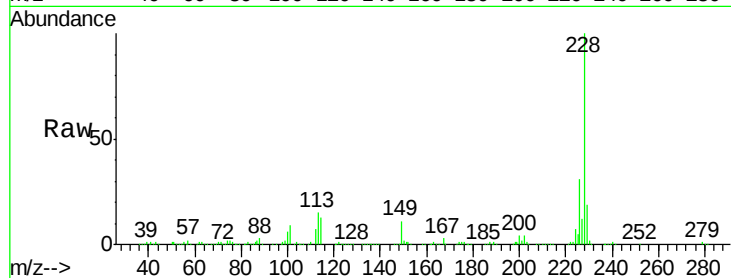
Tot Ion:228 Resp: 719587

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

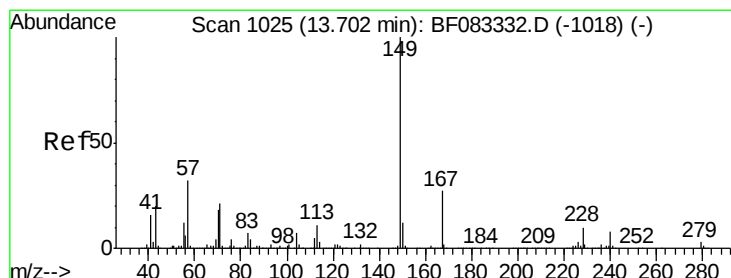
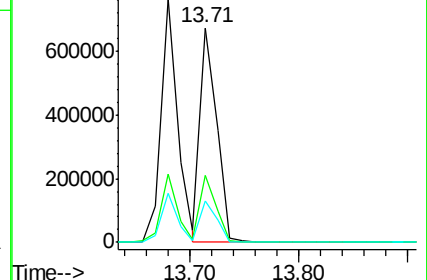
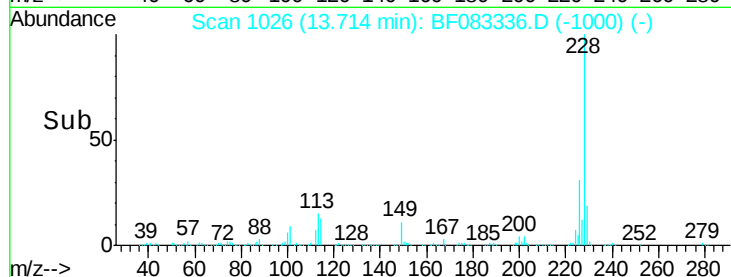
229 19.5 16.6 25.0



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: 37.13 ng

RT: 13.70 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

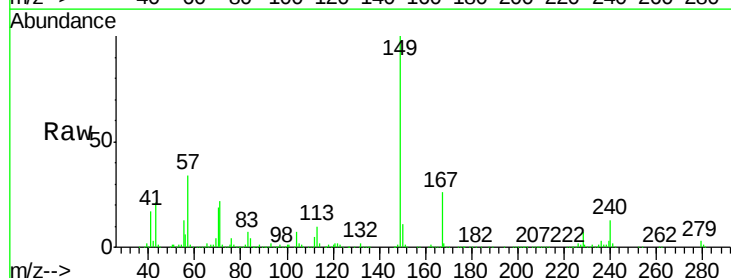
Tgt Ion:149 Resp: 500830

Ion Ratio Lower Upper

149 100

167 26.5 20.1 30.1

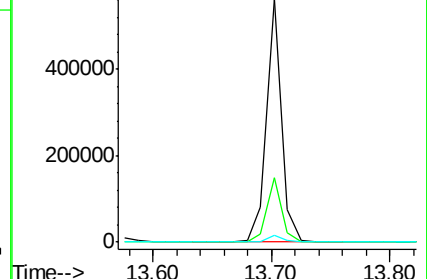
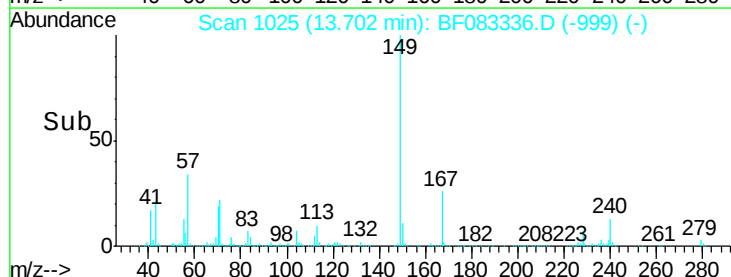
279 2.7 1.7 2.5#

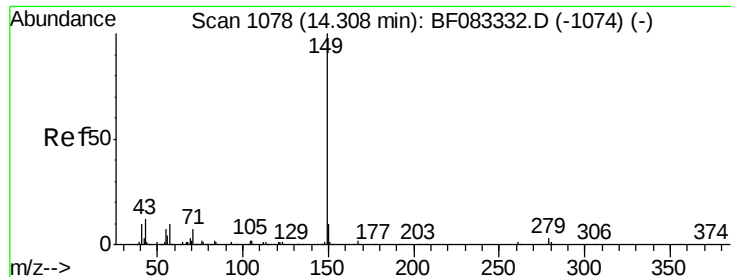


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 36.74 ng

RT: 14.31 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampled :

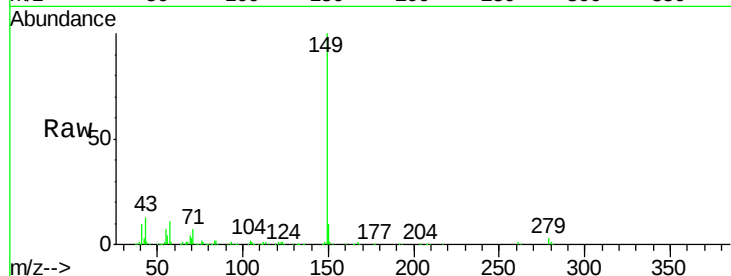
Tot Ion:149 Resp: 805322

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

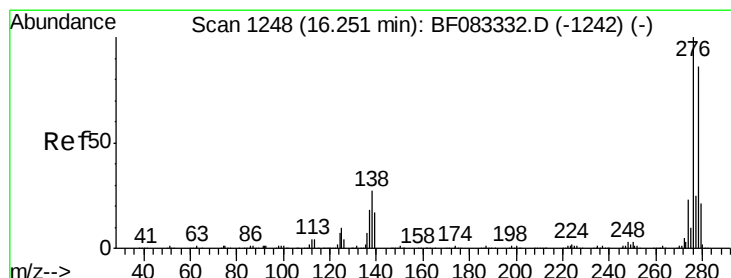
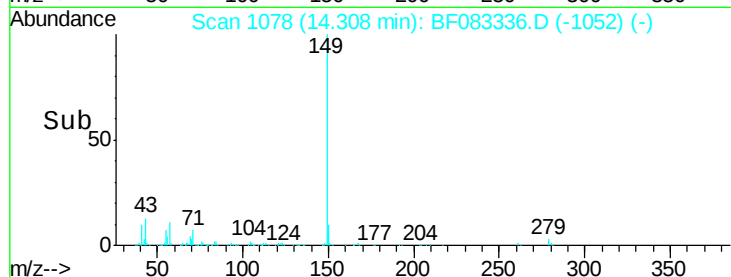
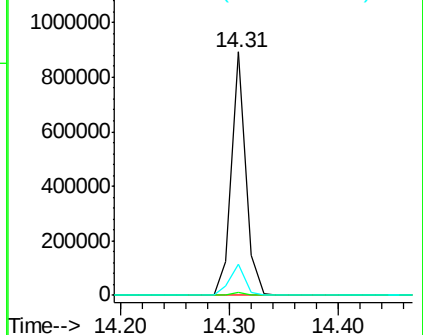
43 13.5 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 37.33 ng

RT: 16.25 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

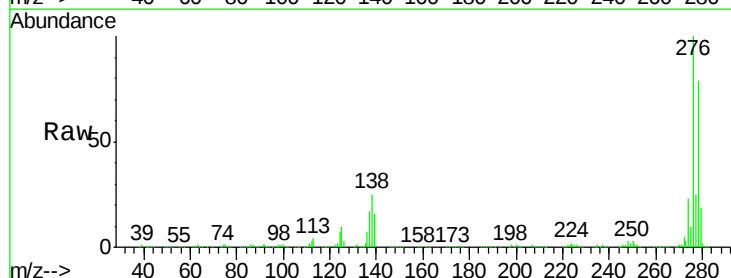
Tgt Ion:276 Resp: 899883

Ion Ratio Lower Upper

276 100

138 25.9 18.0 27.0

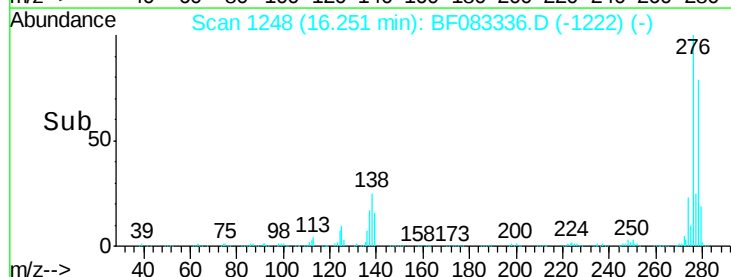
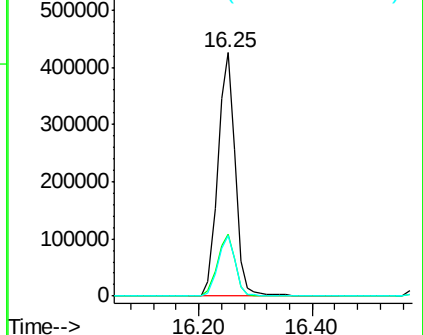
277 24.9 20.2 30.4

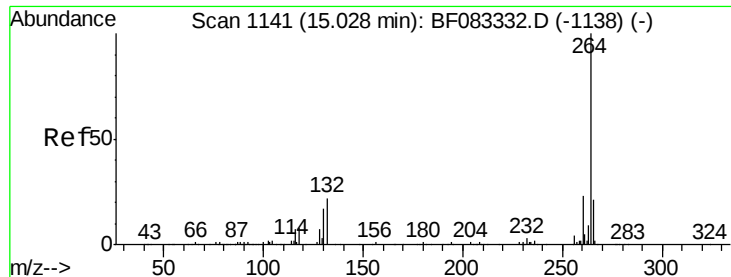


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

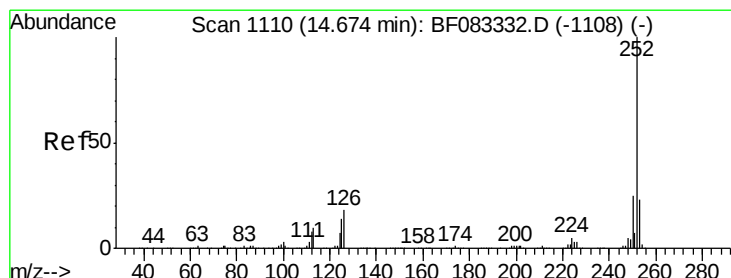
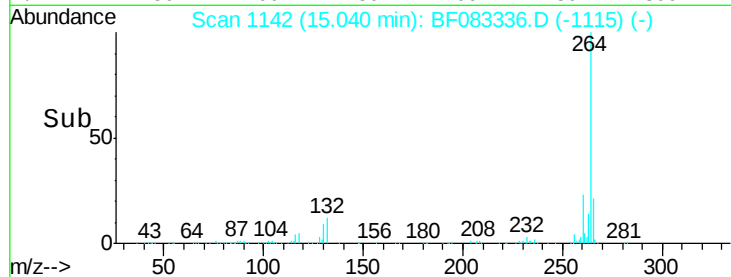
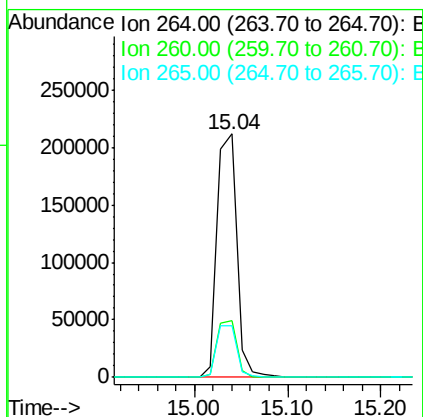
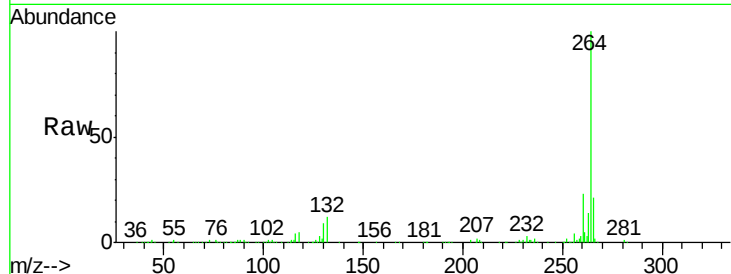




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

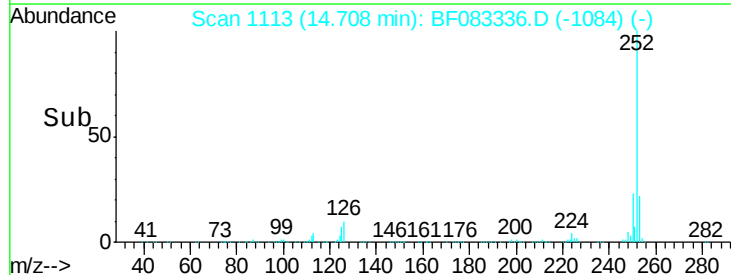
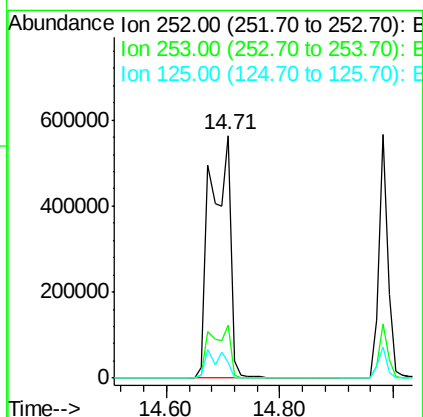
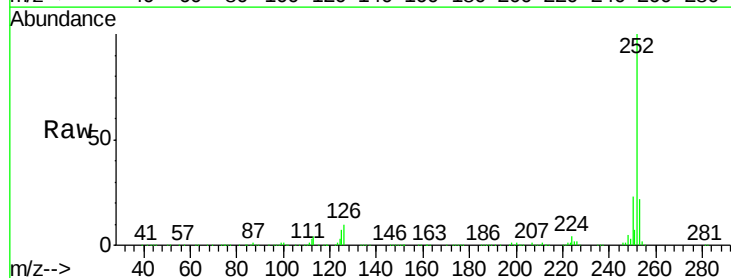
Instrument :
BNA_F
ClientSampled :

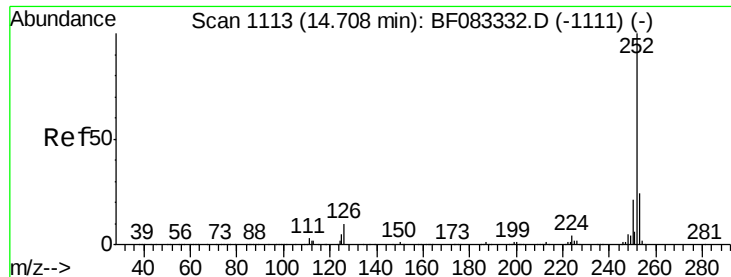
Tot Ion:264 Resp: 311600
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.2 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 63.49 ng
RT: 14.71 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:252 Resp: 1339187
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 6.6 5.6 8.4

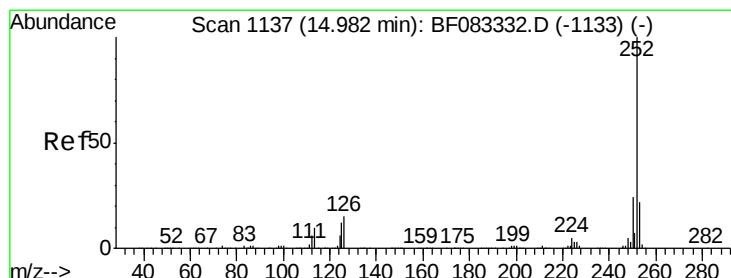
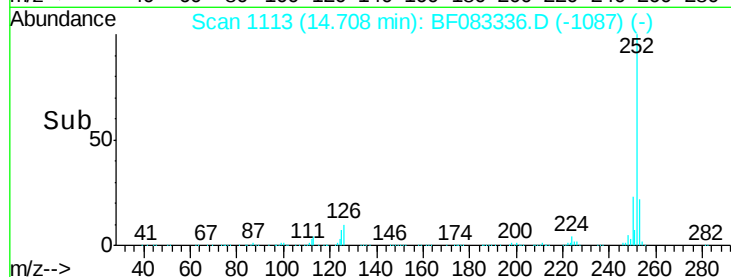
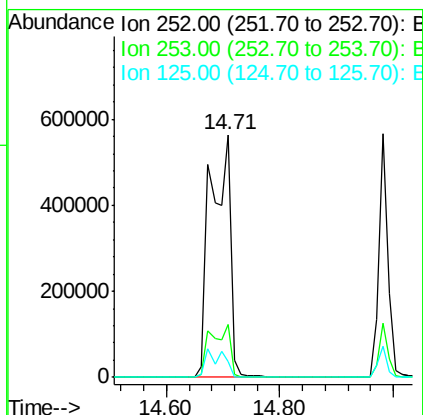
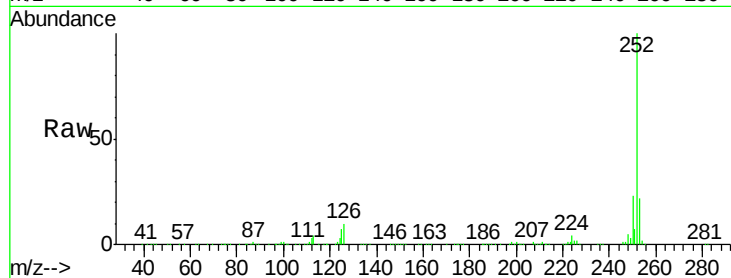




#88
Benzo(k)fluoranthene
Concen: 83.03 ng
RT: 14.71 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

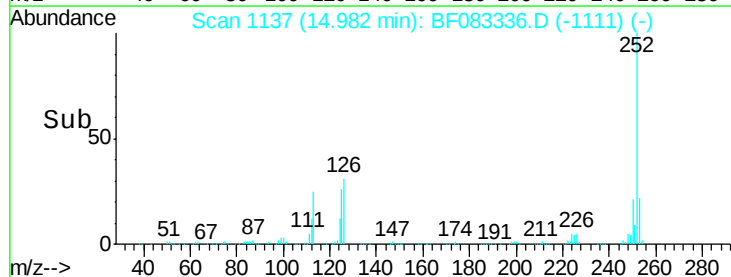
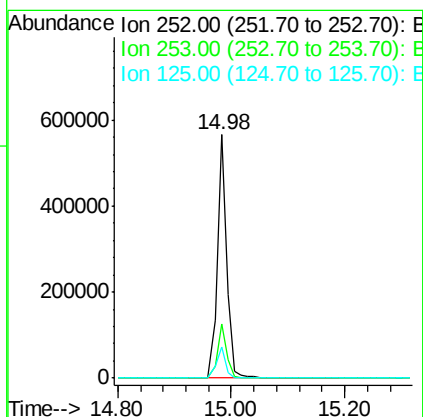
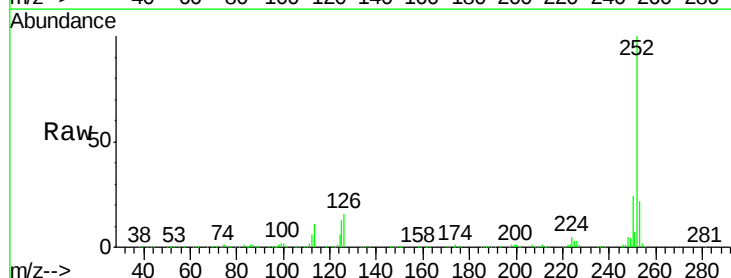
Instrument :
BNA_F
ClientSampleId :

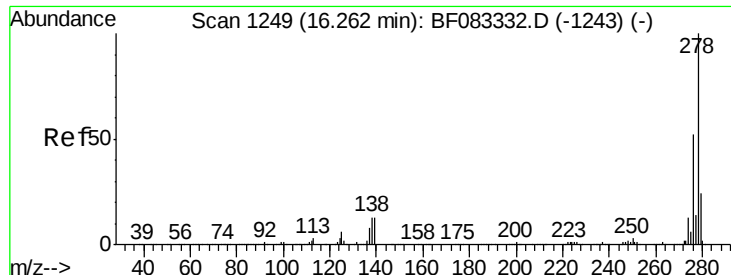
Tot Ion:252 Resp: 1339187
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 6.6 6.8 10.2#



#89
Benzo(a)pyrene
Concen: 38.00 ng
RT: 14.98 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:252 Resp: 644470
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.7 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 39.66 ng

RT: 16.26 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

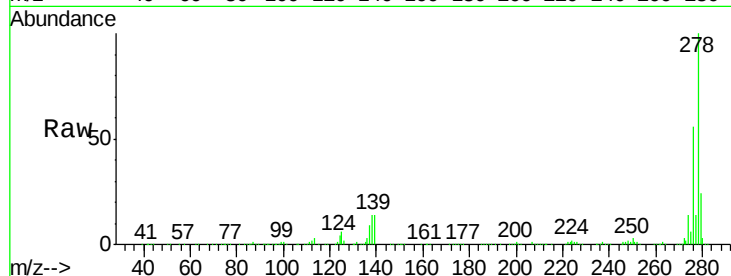
Tot Ion:278 Resp: 754205

Ion Ratio Lower Upper

278 100

139 14.4 10.7 16.1

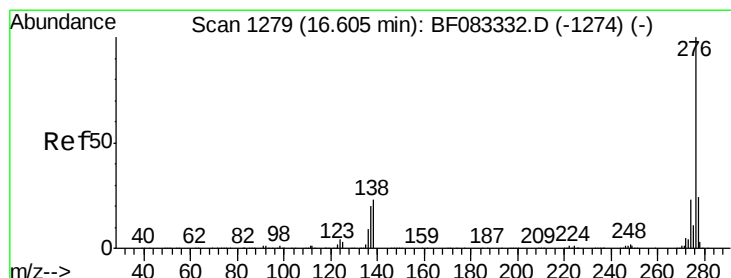
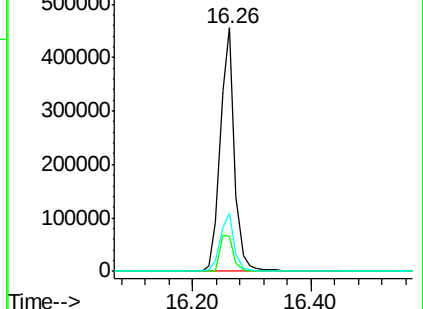
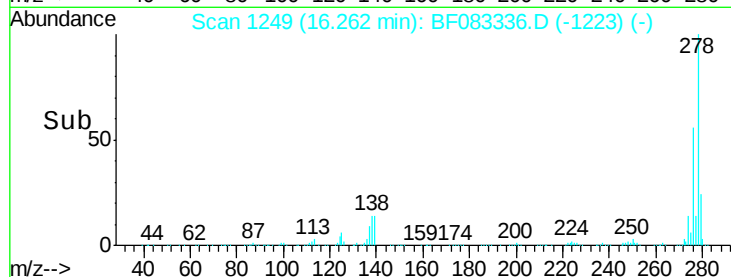
279 23.8 19.3 28.9



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: 39.39 ng

RT: 16.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

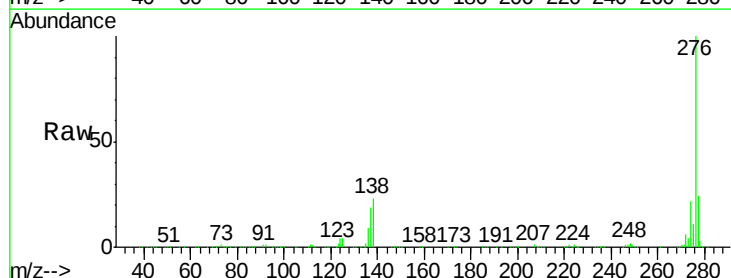
Tgt Ion:276 Resp: 758065

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 22.7 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

