

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083333.D
 Acq On : 27 Nov 2015 17:06
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 18:07:28 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 17:51:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	183613	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	707278	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	343940	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	646067	20.00	ng	0.00
75) Chrysene-d12	13.69	240	443201	20.00	ng	0.00
86) Perylene-d12	15.04	264	356740	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1196347	47.27	ng	0.00
7) Phenol-d6	6.24	99	1534915	45.28	ng	0.00
23) Nitrobenzene-d5	7.14	82	1473678	45.46	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	313142	49.16	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	2144444	43.16	ng	0.00
78) Terphenyl-d14	12.66	244	2203445	48.37	ng	0.01

Target Compounds

						Qvalue
3) Pyridine	2.59	79	826117	54.45	ng	92
4) n-Nitrosodimethylamine	2.56	42	407873	52.44	ng	89
6) Aniline	6.23	93	1110921	48.60	ng	99
8) 2-Chlorophenol	6.35	128	628496	45.56	ng	98
9) Benzaldehyde	6.10	77	376155	40.30	ng	97
10) Phenol	6.25	94	938625	46.39	ng	81
11) bis(2-Chloroethyl)ether	6.31	93	708622	47.39	ng	90
12) 1,3-Dichlorobenzene	6.50	146	721859	47.44	ng	95
13) 1,4-Dichlorobenzene	6.58	146	761773	47.91	ng	98
14) 1,2-Dichlorobenzene	6.74	146	679995	46.45	ng	96
15) Benzyl Alcohol	6.73	79	605196	46.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1247331	48.06	ng	# 66
17) 2-Methylphenol	6.86	107	537252	48.06	ng	98
18) Hexachloroethane	7.07	117	261271	46.60	ng	# 81
19) n-Nitroso-di-n-propylamine	7.00	70	564625	47.46	ng	99
20) 3+4-Methylphenols	7.02	107	701662	46.12	ng	96
22) Acetophenone	6.99	105	983455	46.77	ng	# 98
24) Nitrobenzene	7.16	77	888666	51.06	ng	95
25) Isophorone	7.40	82	1486705	47.99	ng	97
26) 2-Nitrophenol	7.48	139	342492	48.49	ng	# 85
27) 2,4-Dimethylphenol	7.54	122	595520	50.22	ng	95
28) bis(2-Chloroethoxy)methane	7.62	93	804224	46.24	ng	99
29) 2,4-Dichlorophenol	7.74	162	547920	48.27	ng	94
30) 1,2,4-Trichlorobenzene	7.80	180	600540	48.69	ng	98
31) Naphthalene	7.87	128	1739491	44.10	ng	99
32) Benzoic acid	7.70	122	335979	62.49	ng	96
33) 4-Chloroaniline	7.94	127	819963	49.80	ng	93
34) Hexachlorobutadiene	8.00	225	338452	47.56	ng	99
35) Caprolactam	8.33	113	175225	54.07	ng	95
36) 4-Chloro-3-methylphenol	8.44	107	623303	49.85	ng	93
37) 2-Methylnaphthalene	8.57	142	1245342	48.73	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	552101	49.53	ng	100
40) Hexachlorocyclopentadiene	8.73	237	287401	65.15	ng	96
42) 2,4,6-Trichlorophenol	8.86	196	387980	50.17	ng	99

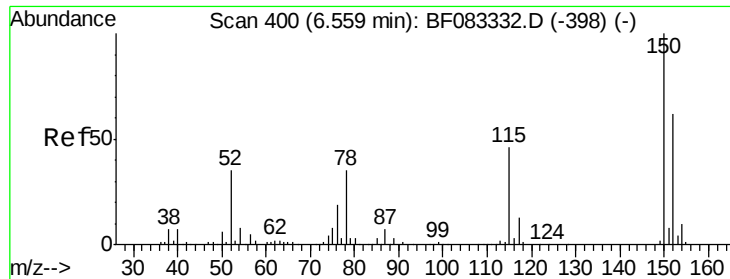
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	403987	51.79	nq	# 89
45) 1,1'-Biphenyl	9.04	154	1545841	49.49	nq	99
46) 2-Chloronaphthalene	9.05	162	1100880	46.94	nq	# 93
47) 2-Nitroaniline	9.16	65	492579	55.06	nq	# 81
48) Acenaphthylene	9.46	152	1677324	45.24	nq	98
49) Dimethylphthalate	9.35	163	1283770	48.06	nq	99
50) 2,6-Dinitrotoluene	9.40	165	278181	48.37	nq	96
51) Acenaphthene	9.63	154	973983	45.69	nq	99
52) 3-Nitroaniline	9.58	138	339497	51.68	nq	# 70
53) 2,4-Dinitrophenol	9.68	184	136647	86.94	nq	95
54) Dibenzofuran	9.80	168	1373031	44.25	nq	96
55) 4-Nitrophenol	9.76	139	200881	63.00	nq	89
56) 2,4-Dinitrotoluene	9.80	165	348387	47.93	nq	# 88
57) Fluorene	10.15	166	1176379	46.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	305466	49.59	nq	98
59) Diethylphthalate	10.04	149	1348539	52.98	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	567422	48.82	nq	# 86
61) 4-Nitroaniline	10.19	138	348670	55.71	nq	95
62) Azobenzene	10.31	77	1634307	51.15	nq	91
64) 4,6-Dinitro-2-methylphenol	10.22	198	222687	67.19	nq	91
65) n-Nitrosodiphenylamine	10.27	169	1177594	49.02	nq	97
66) 4-Bromophenyl-phenylether	10.63	248	331699	45.06	nq	# 84
67) Hexachlorobenzene	10.70	284	403403	48.57	nq	# 85
68) Atrazine	10.80	200	299413	45.11	nq	96
69) Pentachlorophenol	10.89	266	214209	63.48	nq	96
70) Phenanthrene	11.10	178	1661783	42.41	nq	98
71) Anthracene	11.15	178	1907216	47.23	nq	99
72) Carbazole	11.31	167	1673481	49.62	nq	99
73) Di-n-butylphthalate	11.66	149	2041362	50.97	nq	99
74) Fluoranthene	12.27	202	1671113	45.76	nq	96
76) Benzidine	12.41	184	825447	50.66	nq	96
77) Pyrene	12.50	202	1860623	49.16	nq	100
79) Butylbenzylphthalate	13.14	149	768290	56.92	nq	# 82
80) Benzo(a)anthracene	13.68	228	1435682	50.89	nq	100
81) 3,3'-Dichlorobenzidine	13.66	252	446444	50.94	nq	# 97
82) Chrysene	13.73	228	1397782	52.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	929144	54.88	nq	# 98
84) Di-n-octyl phthalate	14.31	149	1313802	48.35	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.25	276	1279374	42.84	nq	96
87) Benzo(b)fluoranthene	14.71	252	2086159	84.37	nq	# 97
88) Benzo(k)fluoranthene	14.71	252	2086159	105.78	nq	99
89) Benzo(a)pyrene	14.98	252	948888	47.91	nq	# 95
90) Dibenzo(a,h)anthracene	16.26	278	1036212	46.70	nq	# 95
91) Benzo(g,h,i)perylene	16.62	276	1071349	47.97	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

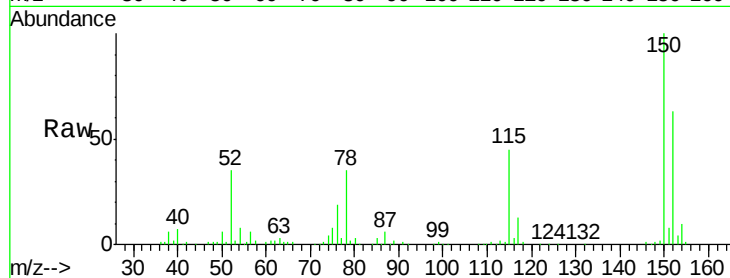
Tot Ion:152 Resp: 183613

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.8

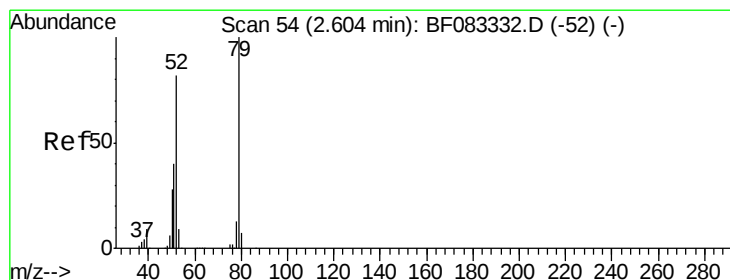
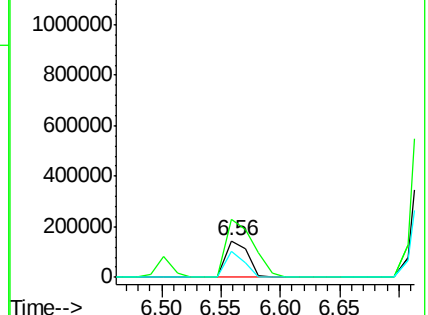
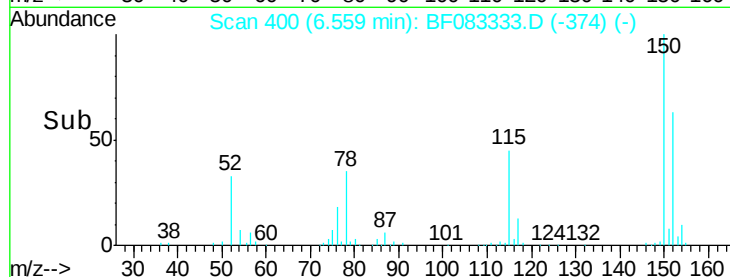
115 72.2 46.9 70.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 54.45 ng

RT: 2.59 min Scan# 53

Delta R.T. -0.01 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

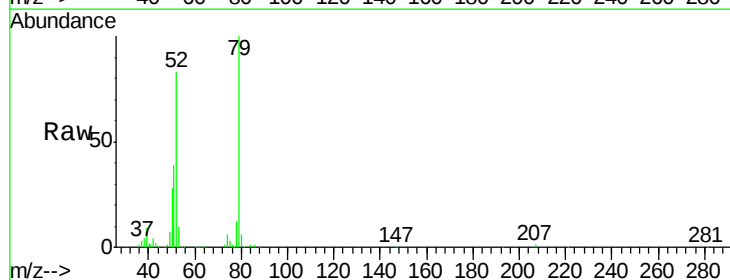
Tgt Ion: 79 Resp: 826117

Ion Ratio Lower Upper

79 100

52 82.7 60.7 91.1

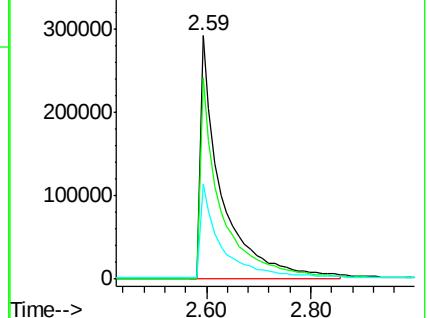
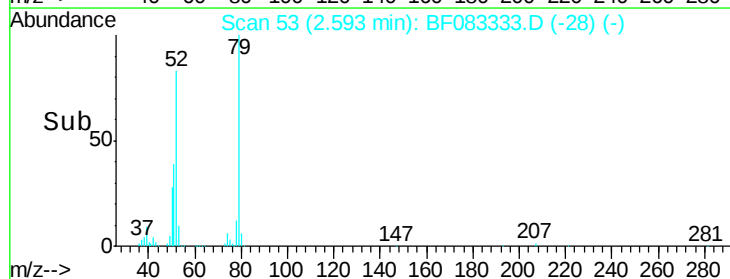
51 39.1 27.9 41.9

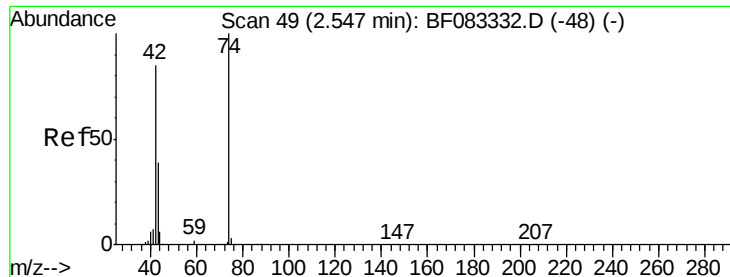


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 52.44 ng

RT: 2.56 min Scan# 50

Delta R.T. 0.01 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

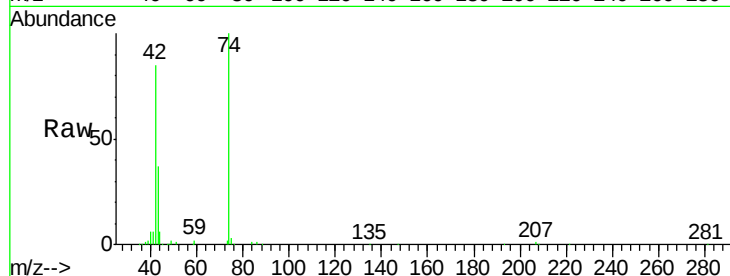
Tot Ion: 42 Resp: 407873

Ion Ratio Lower Upper

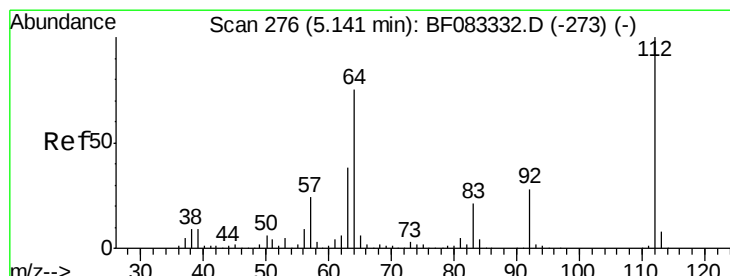
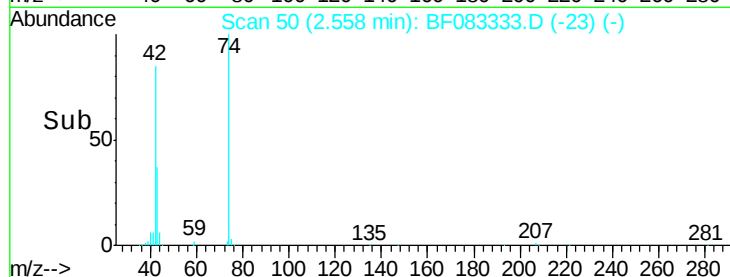
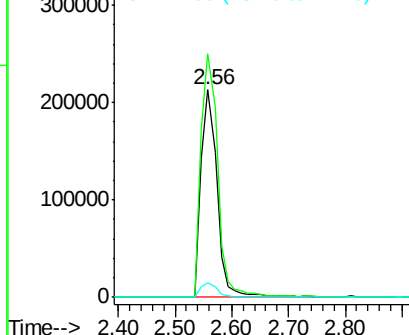
42 100

74 117.3 104.8 157.2

44 6.9 6.2 9.4



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



#5

2-Fluorophenol

Concen: 47.27 ng

RT: 5.14 min Scan# 276

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

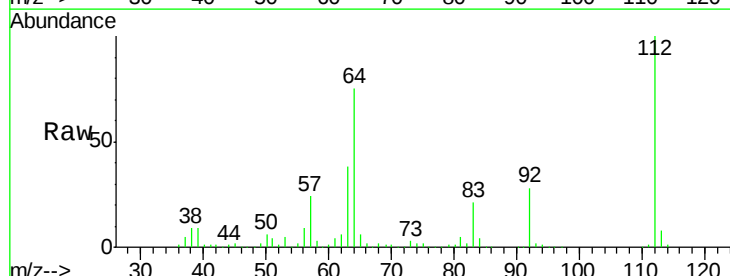
Tgt Ion: 112 Resp: 1196347

Ion Ratio Lower Upper

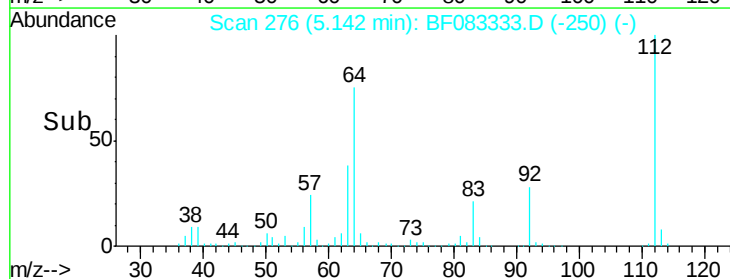
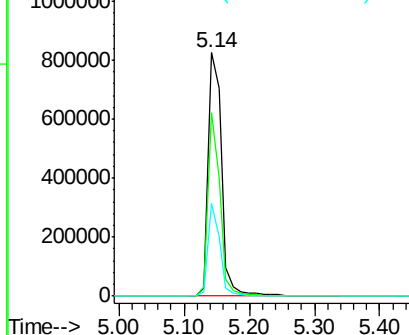
112 100

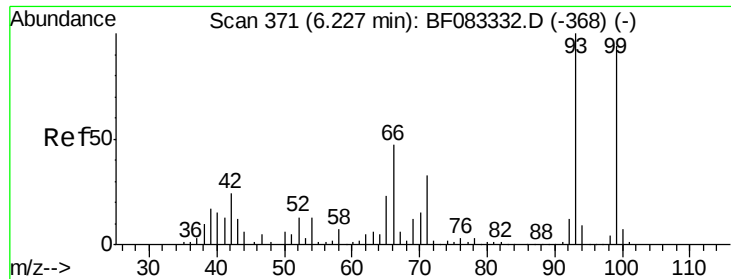
64 75.1 58.4 87.6

63 38.0 30.0 45.0



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





#6

Aniline

Concen: 48.60 ng

RT: 6.23 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

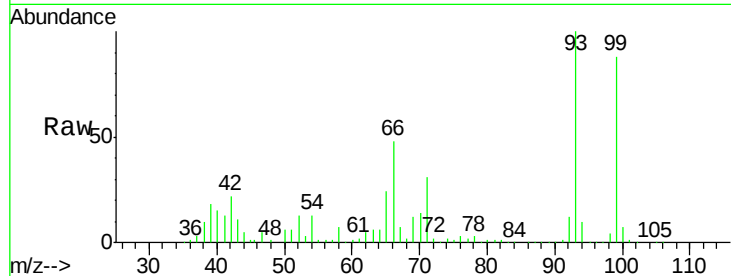
Tot Ion: 93 Resp: 1110921

Ion Ratio Lower Upper

93 100

66 47.8 38.7 58.1

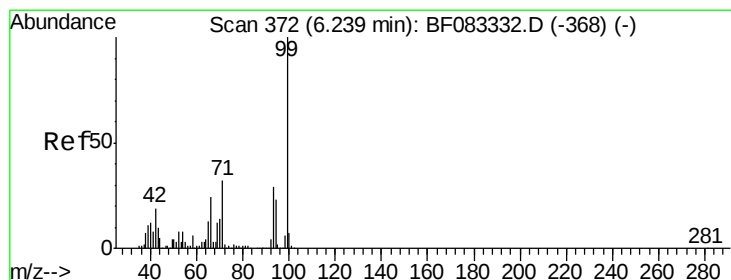
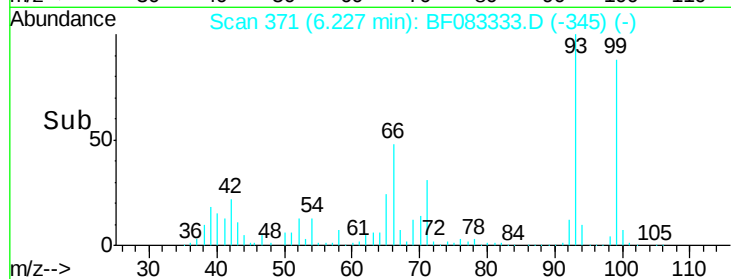
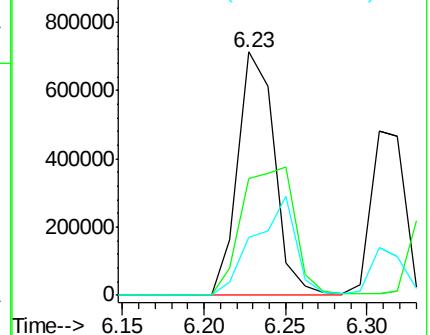
65 23.6 18.6 27.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 45.28 ng

RT: 6.24 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

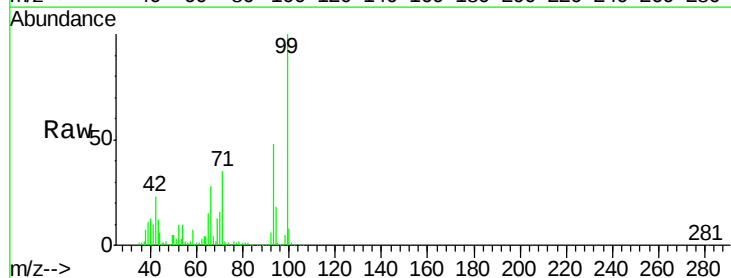
Tgt Ion: 99 Resp: 1534915

Ion Ratio Lower Upper

99 100

42 22.6 17.7 26.5

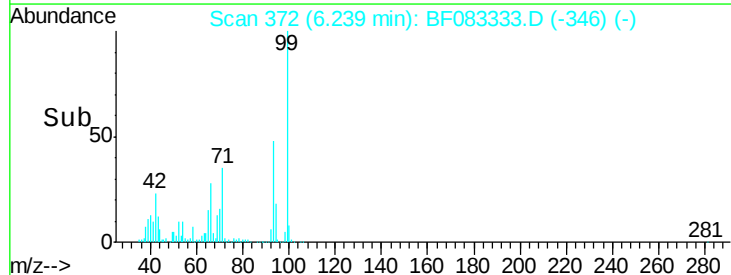
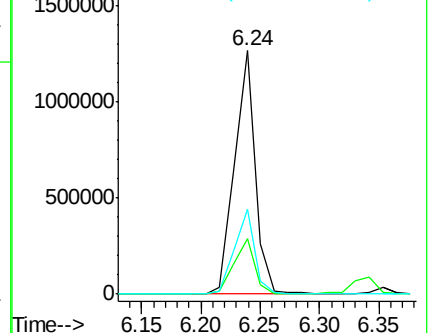
71 34.9 30.2 45.4

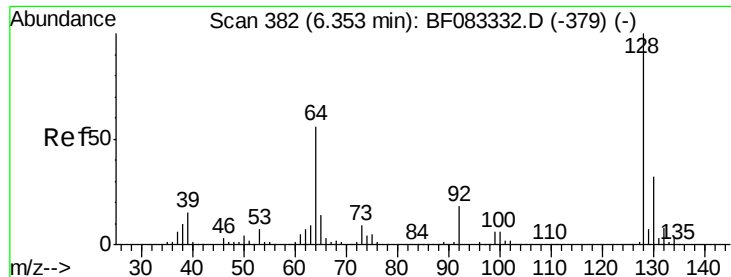


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

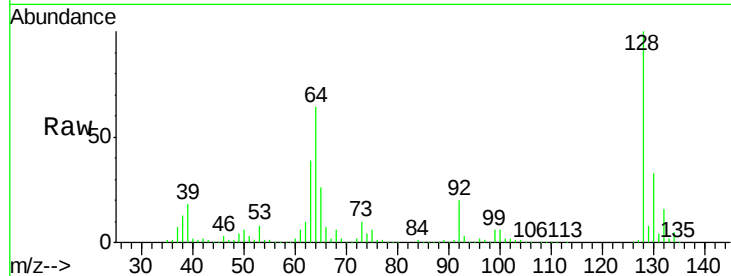




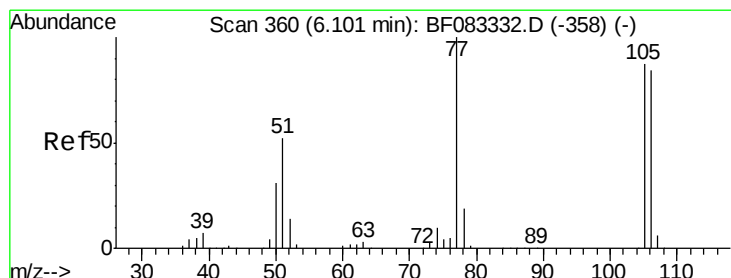
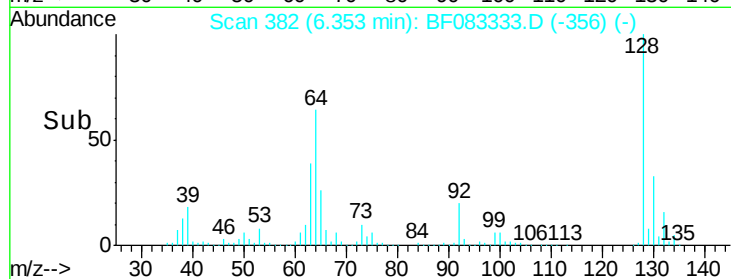
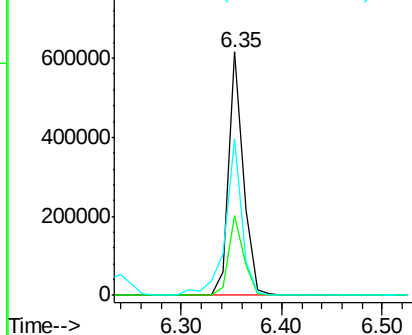
#8
2-Chlorophenol
Concen: 45.56 ng
RT: 6.35 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	64.1	41.9	81.9

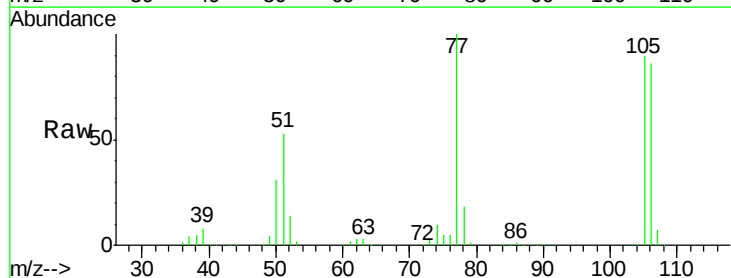


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

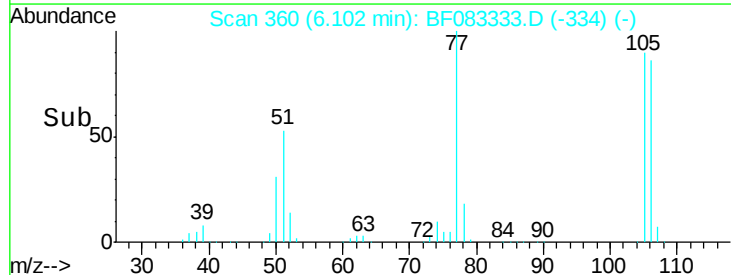
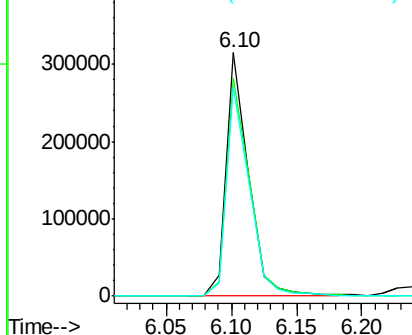


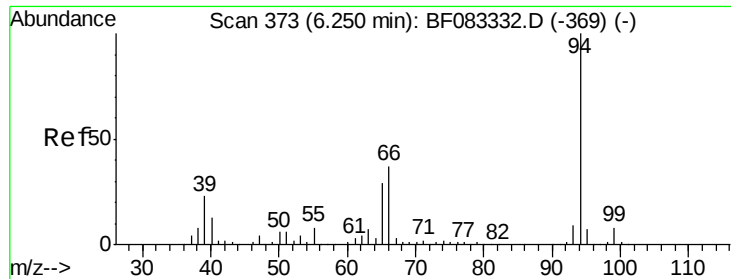
#9
Benzaldehyde
Concen: 40.30 ng
RT: 6.10 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
105	89.5	73.4	113.4
106	85.9	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: 46.39 ng

RT: 6.25 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

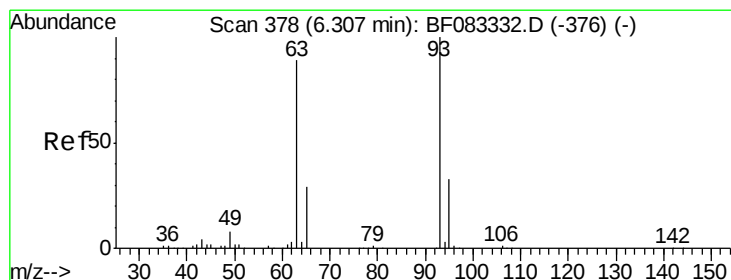
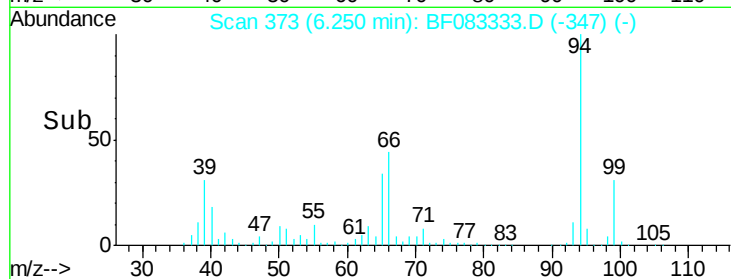
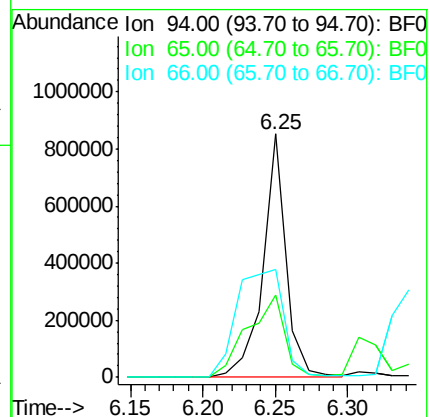
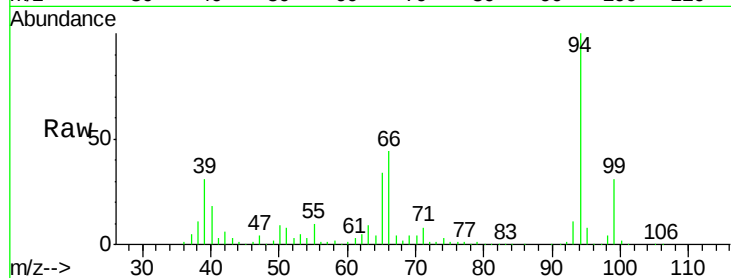
Tot Ion: 94 Resp: 938625

Ion Ratio Lower Upper

94 100

65 33.8 21.1 61.1

66 44.2 43.1 83.1



#11

bis(2-Chloroethyl)ether

Concen: 47.39 ng

RT: 6.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

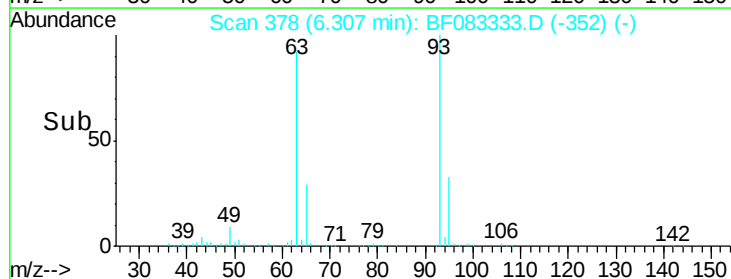
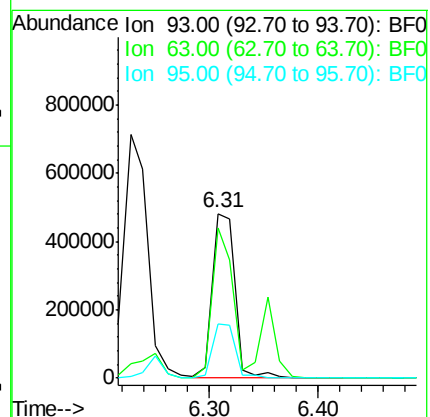
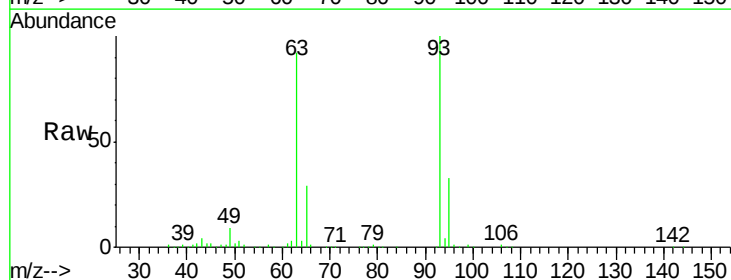
Tgt Ion: 93 Resp: 708622

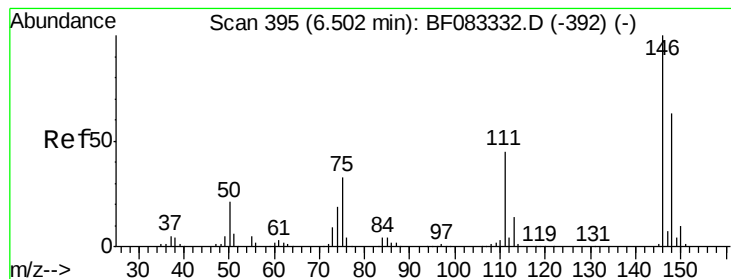
Ion Ratio Lower Upper

93 100

63 91.5 59.8 99.8

95 32.6 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 47.44 ng

RT: 6.50 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

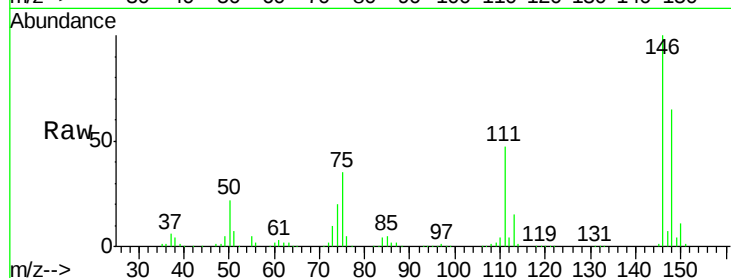
Tot Ion:146 Resp: 721859

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

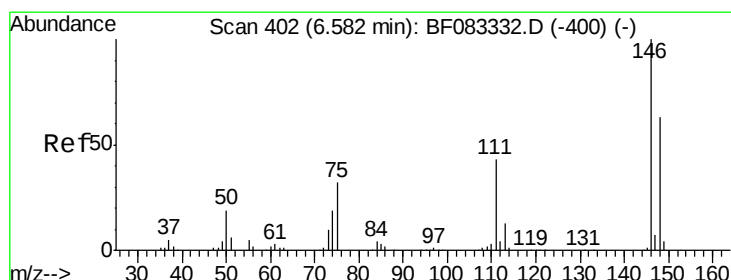
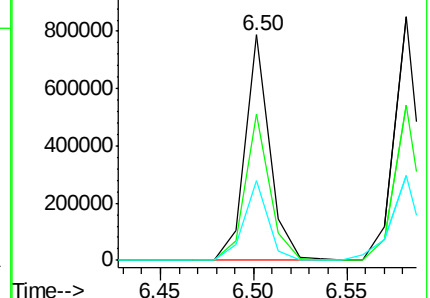
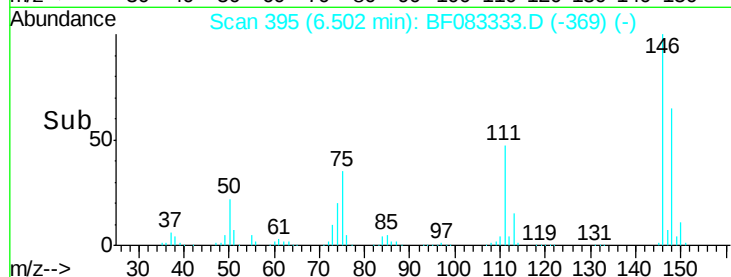
75 35.2 32.7 49.1



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: 47.91 ng

RT: 6.58 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

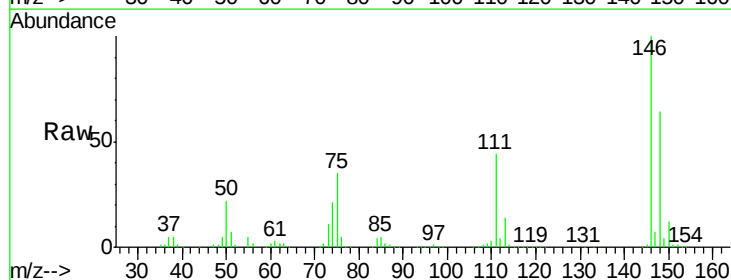
Tgt Ion:146 Resp: 761773

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

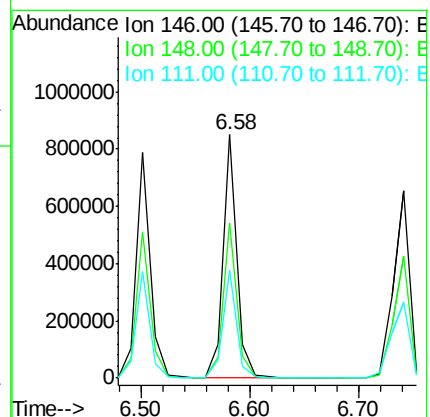
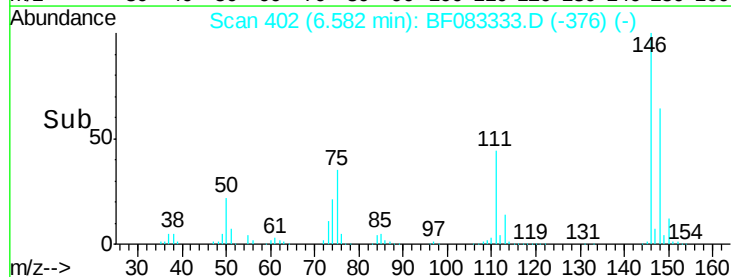
111 44.5 37.5 56.3

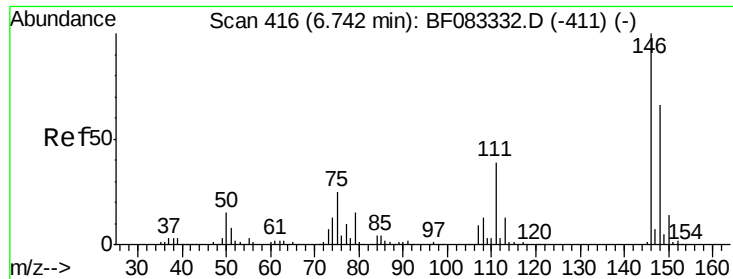


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 46.45 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

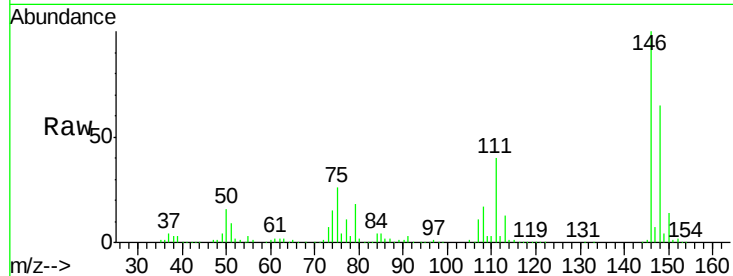
Tot Ion:146 Resp: 679995

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.6

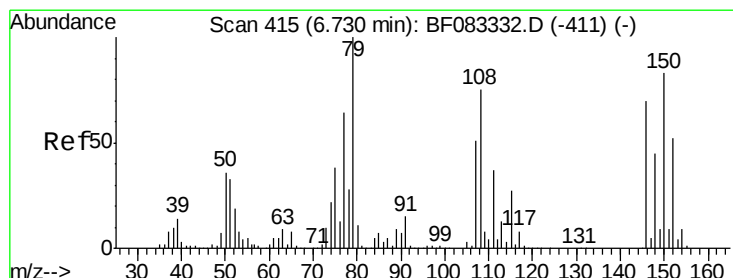
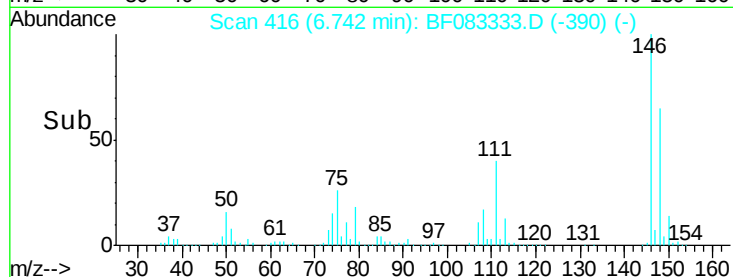
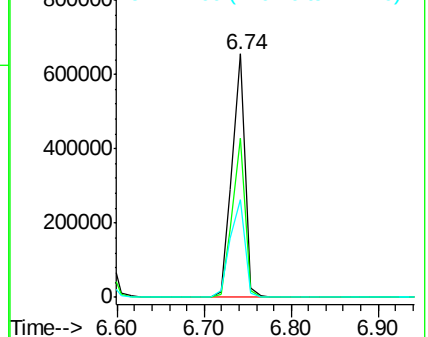
111 40.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 46.62 ng

RT: 6.73 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

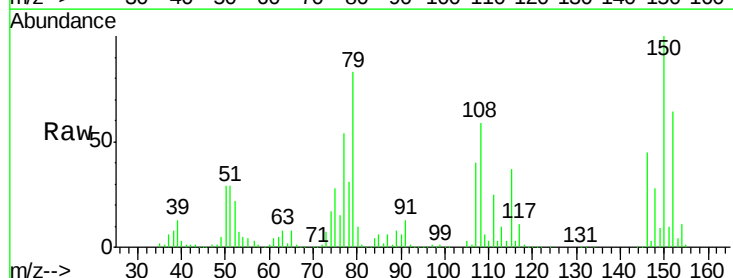
Tgt Ion: 79 Resp: 605196

Ion Ratio Lower Upper

79 100

108 71.1 61.4 92.2

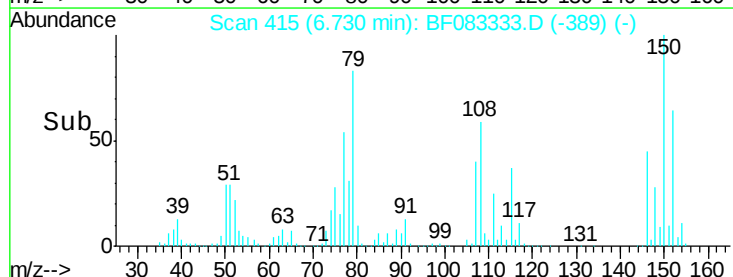
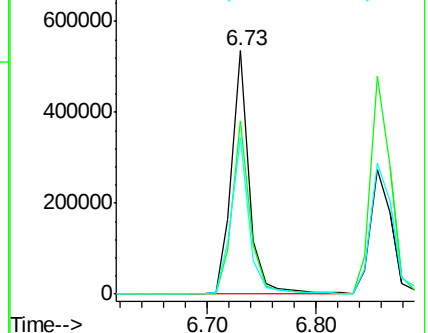
77 64.5 50.5 75.7

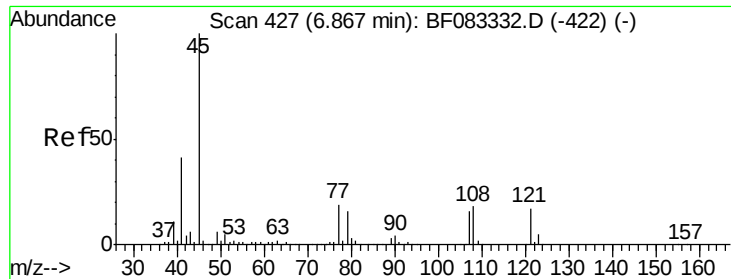


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

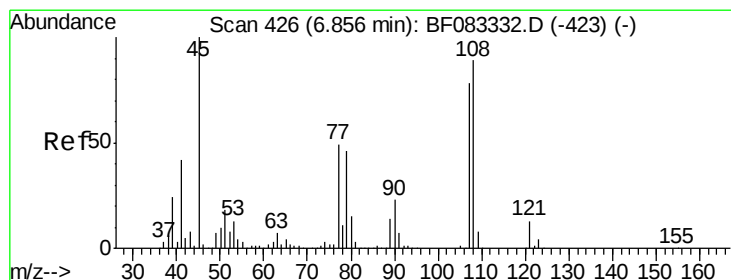
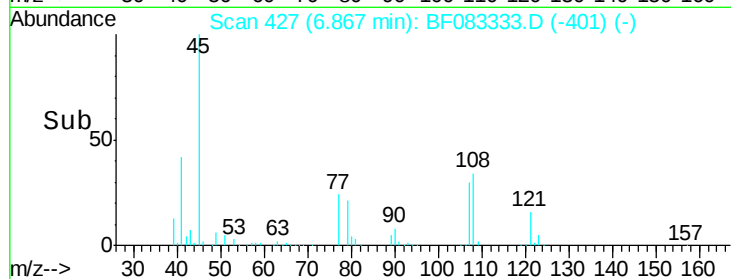
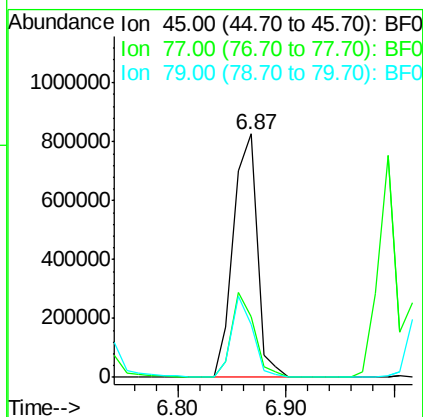
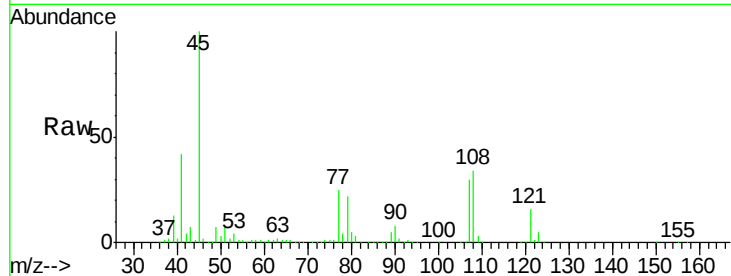




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 48.06 ng
RT: 6.87 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

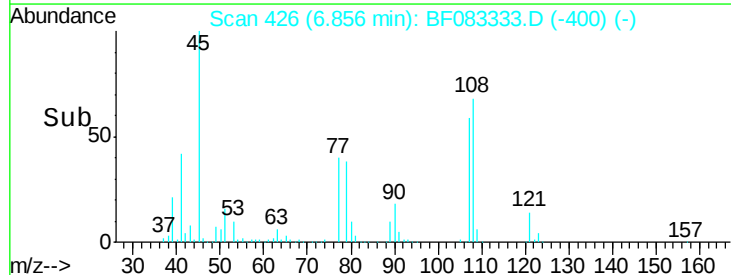
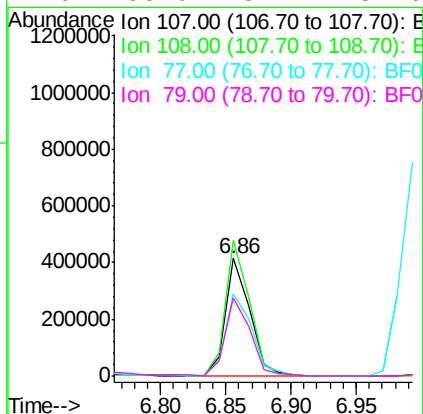
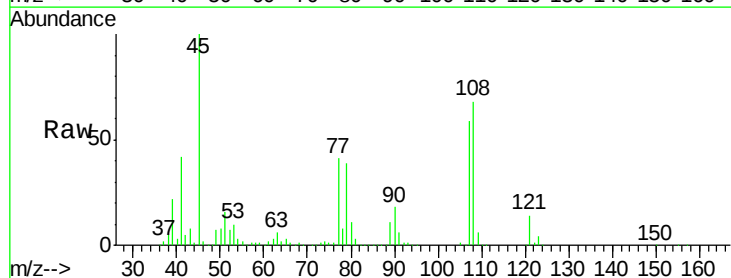
Instrument :
BNA_F
ClientSampled :

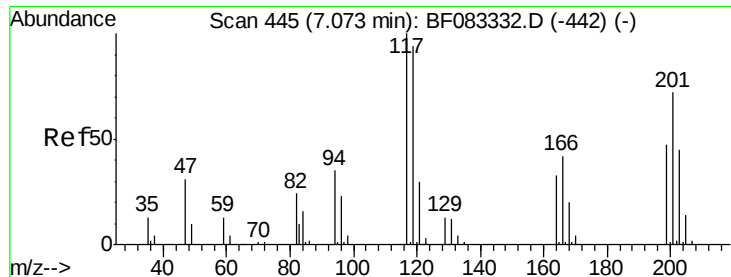
Tot Ion: 45 Resp: 1247331
Ion Ratio Lower Upper
45 100
77 24.8 26.7 66.7#
79 21.6 24.3 64.3#



#17
2-Methylphenol
Concen: 48.06 ng
RT: 6.86 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion: 107 Resp: 537252
Ion Ratio Lower Upper
107 100
108 115.7 93.8 140.6
77 69.3 57.4 86.0
79 66.0 54.4 81.6

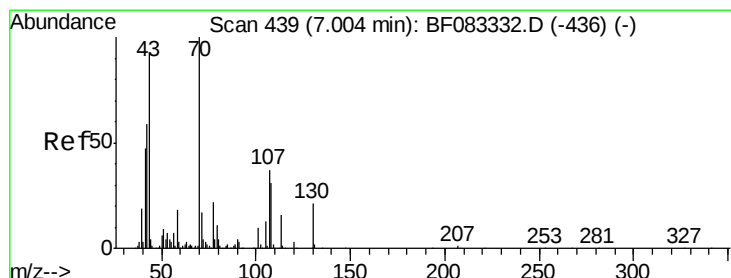
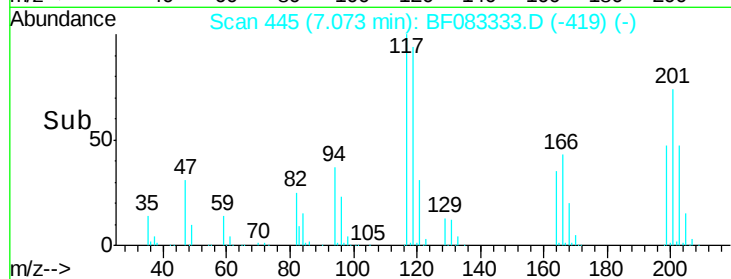
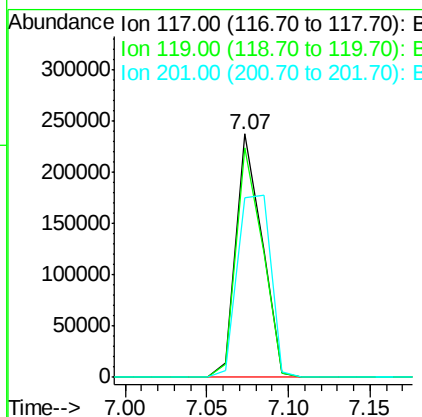
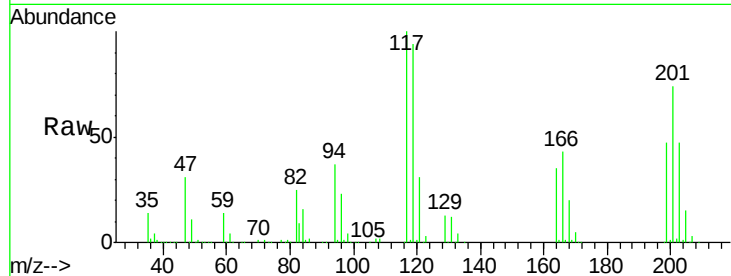




#18
 Hexachloroethane
 Concen: 46.60 ng
 RT: 7.07 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

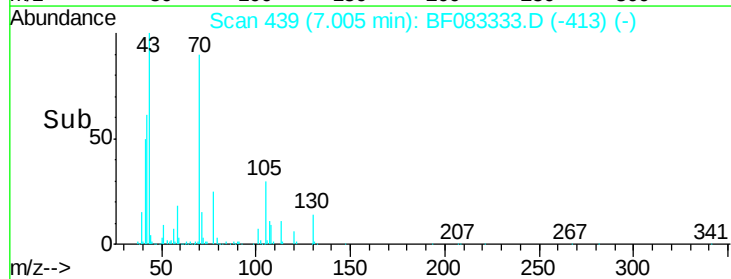
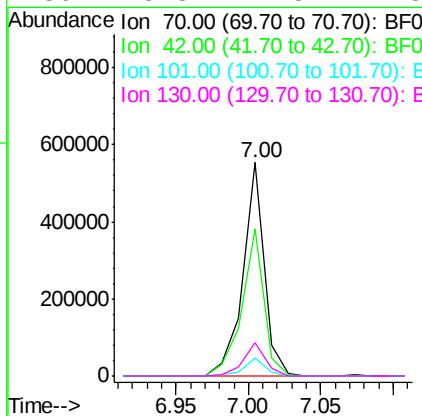
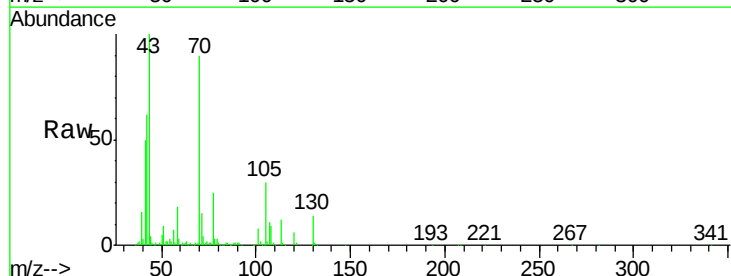
Instrument :
 BNA_F
 ClientSampleId :

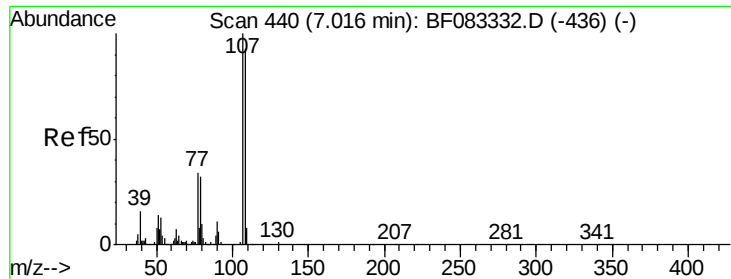
Tot Ion:117 Resp: 261271
 Ion Ratio Lower Upper
 117 100
 119 94.4 76.8 115.2
 201 73.8 88.6 133.0#



#19
 n-Nitroso-di-n-propylamine
 Concen: 47.46 ng
 RT: 7.00 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Tgt Ion: 70 Resp: 564625
 Ion Ratio Lower Upper
 70 100
 42 68.8 54.5 81.7
 101 8.3 6.6 9.8
 130 15.8 11.5 17.3





#20

3+4-Methylphenols

Concen: 46.12 ng

RT: 7.02 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 701662

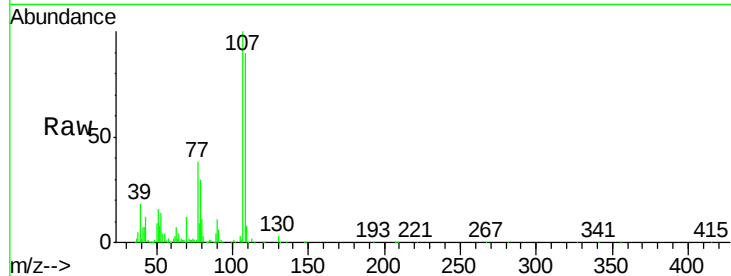
Ion Ratio Lower Upper

107 100

108 90.0 73.8 113.8

77 38.4 19.1 59.1

79 30.0 13.7 53.7

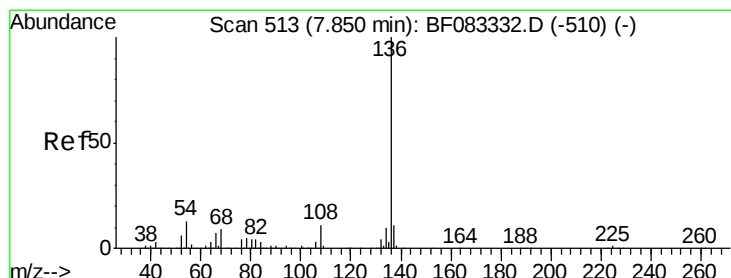
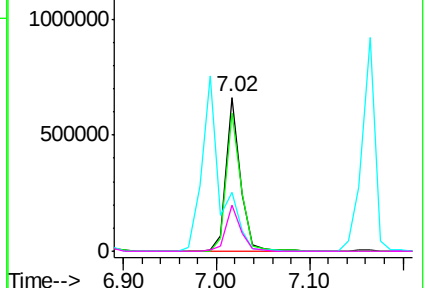
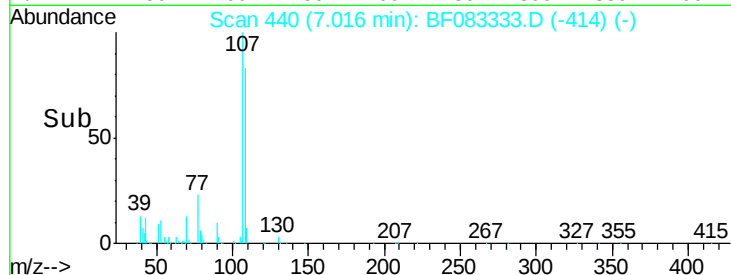


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF083333.D

Acq: 27 Nov 2015 17:06

Tgt Ion:136 Resp: 707278

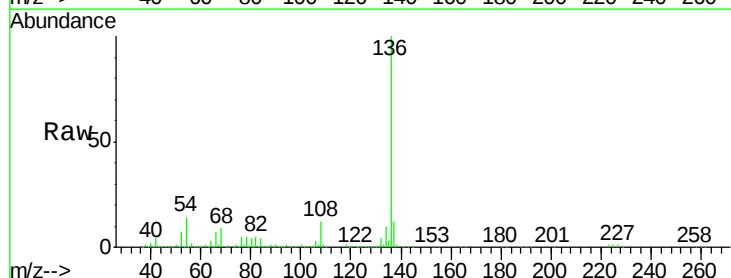
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 13.5 5.8 8.6#

68 9.1 3.8 5.8#

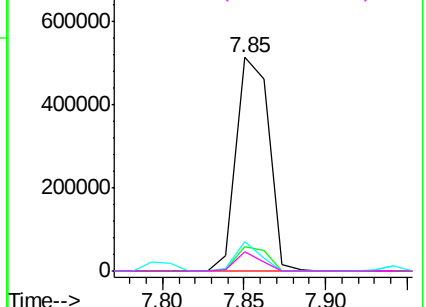
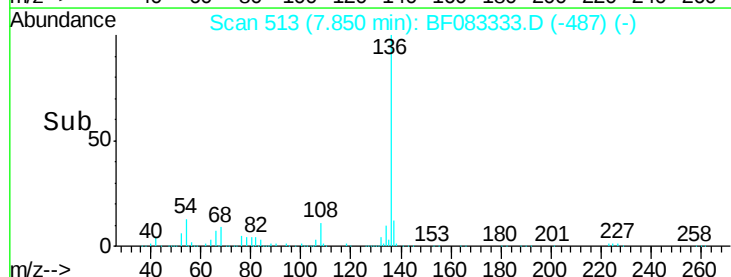


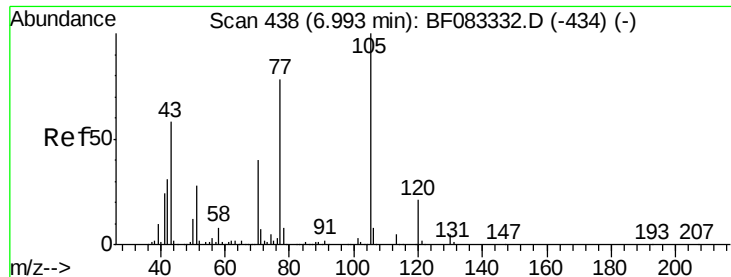
Abundance Ion 136.00 (135.70 to 136.70): E

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

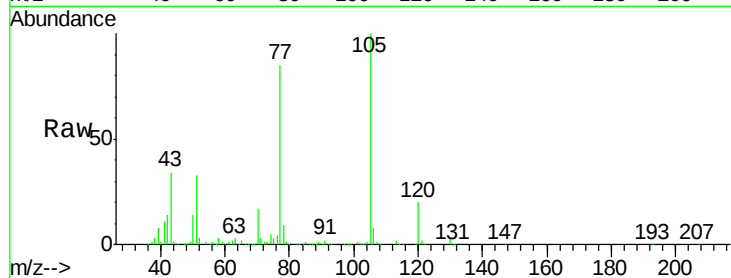




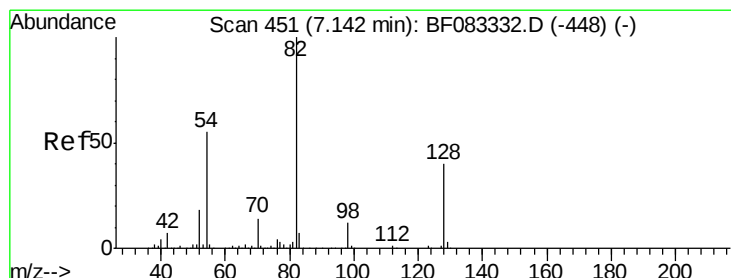
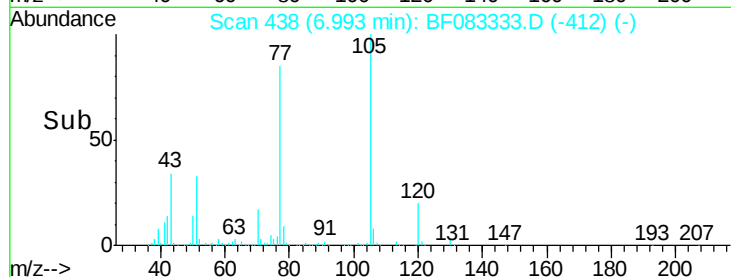
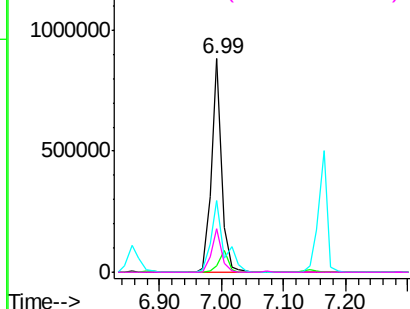
#22
Acetophenone
Concen: 46.77 ng
RT: 6.99 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 983455
Ion Ratio Lower Upper
105 100
71 2.9 1.0 1.4#
51 33.5 25.6 38.4
120 20.5 15.8 23.6

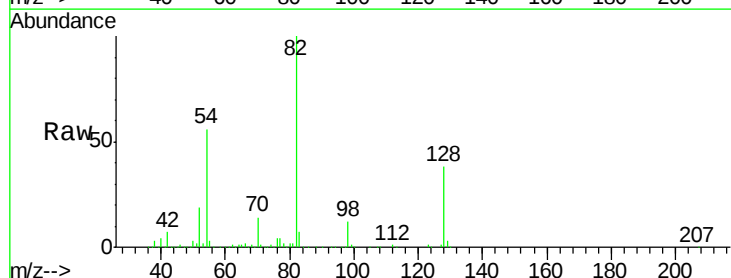


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

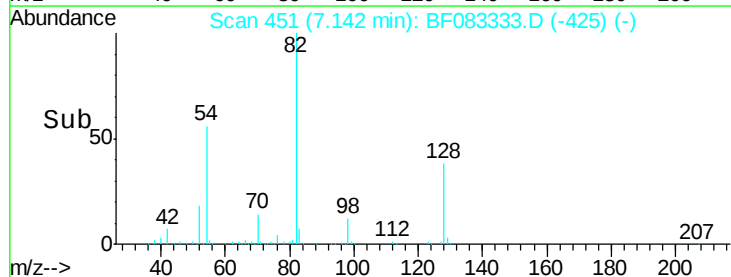
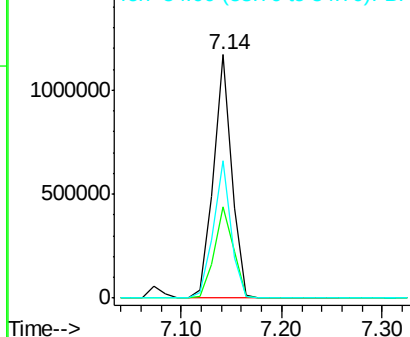


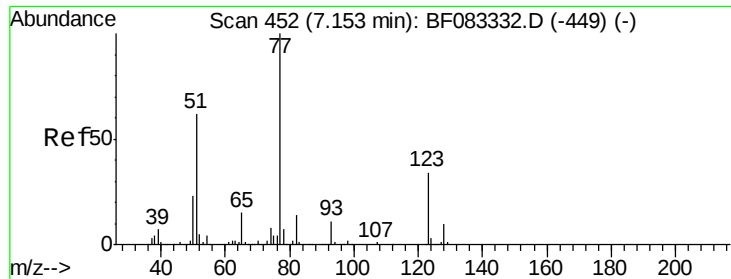
#23
Nitrobenzene-d5
Concen: 45.46 ng
RT: 7.14 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion: 82 Resp: 1473678
Ion Ratio Lower Upper
82 100
128 37.8 28.5 42.7
54 56.3 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

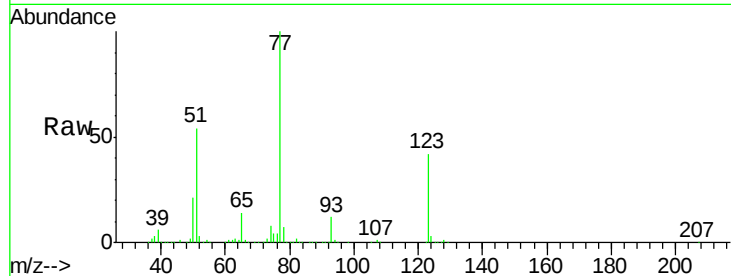




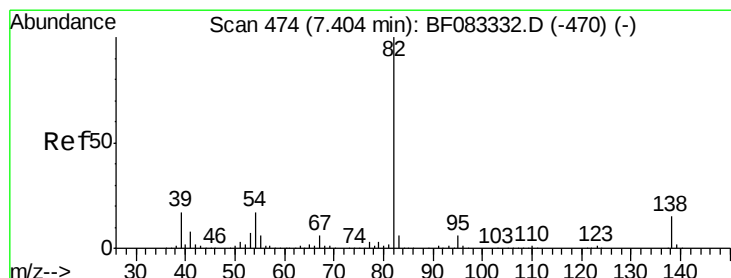
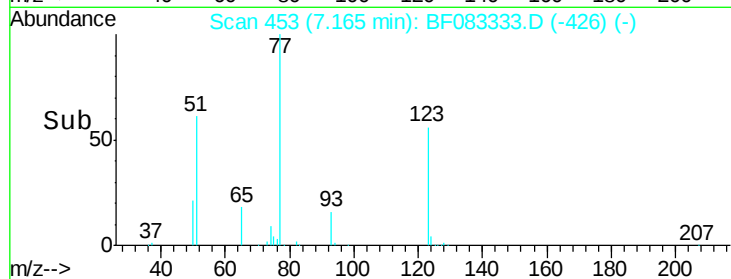
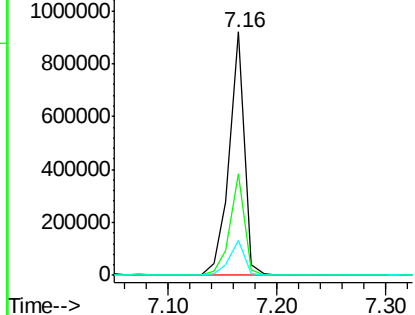
#24
Nitrobenzene
Concen: 51.06 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	41.9	30.1	45.1
65	14.3	11.6	17.4

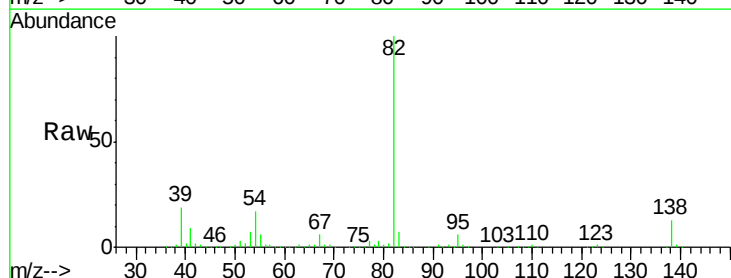


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

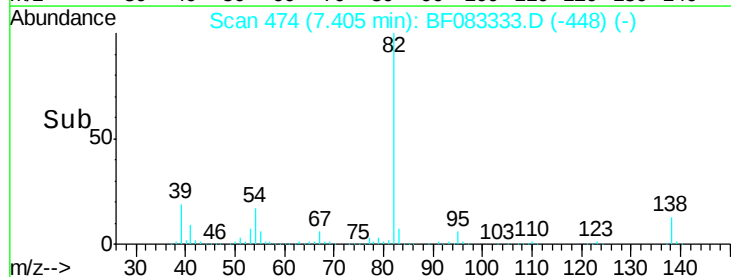
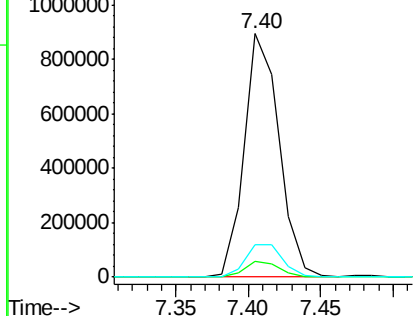


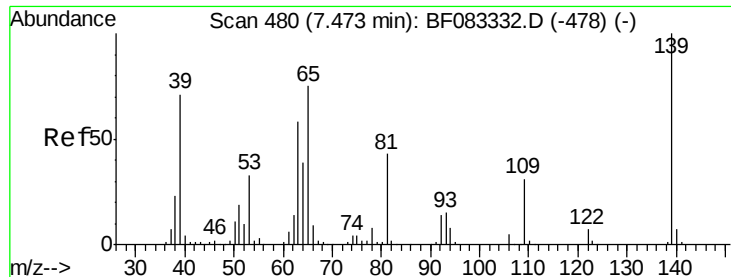
#25
Isophorone
Concen: 47.99 ng
RT: 7.40 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.8	8.8
138	13.2	11.6	17.4



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

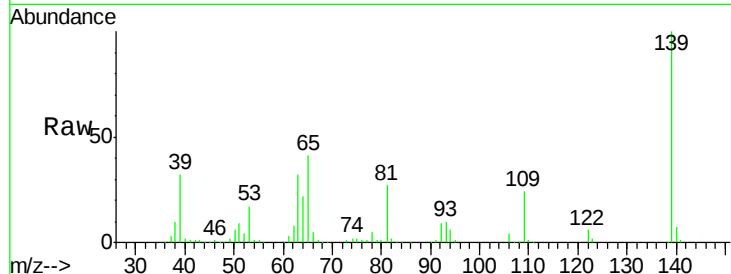




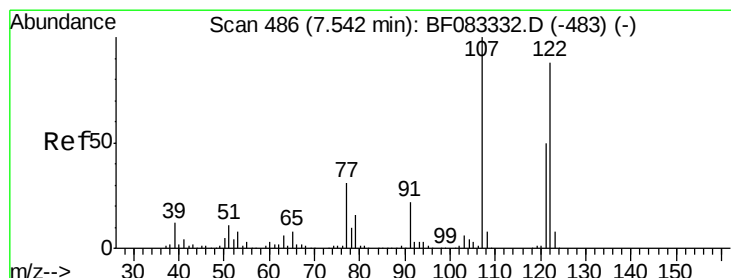
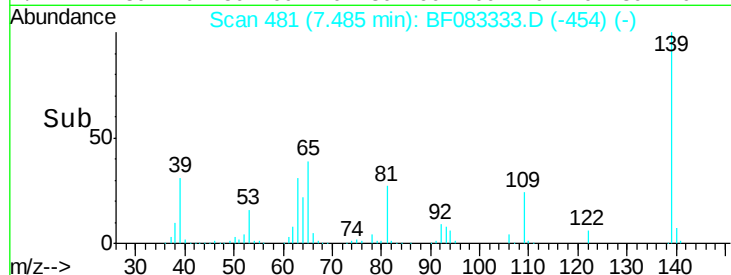
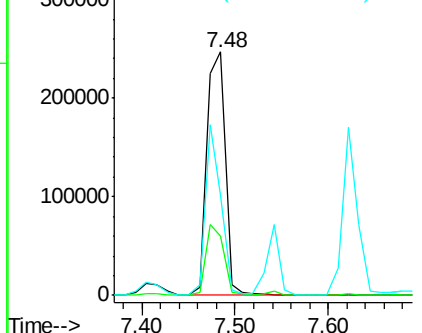
#26
2-Nitrophenol
Concen: 48.49 ng
RT: 7.48 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 342492
Ion Ratio Lower Upper
139 100
109 24.4 23.9 35.9
65 41.3 42.7 64.1#

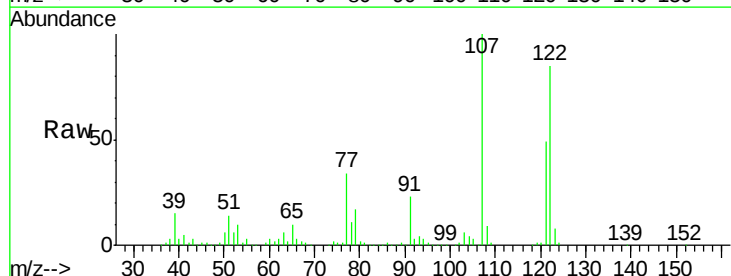


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

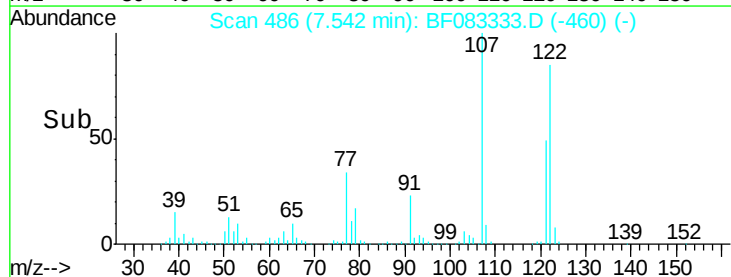
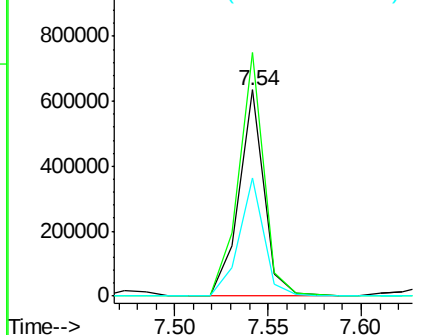


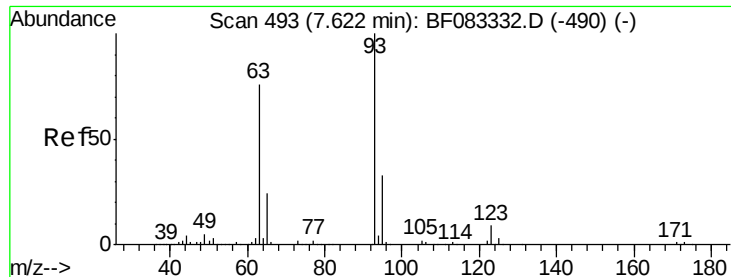
#27
2,4-Dimethylphenol
Concen: 50.22 ng
RT: 7.54 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:122 Resp: 595520
Ion Ratio Lower Upper
122 100
107 118.3 101.1 151.7
121 57.5 44.9 67.3



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





#28

bis(2-Chloroethoxy)methane

Concen: 46.24 ng

RT: 7.62 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampled :

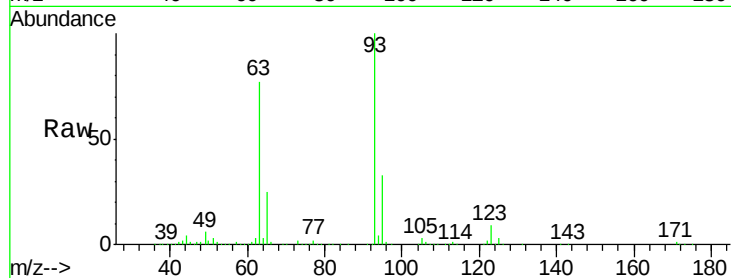
Tot Ion: 93 Resp: 804224

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

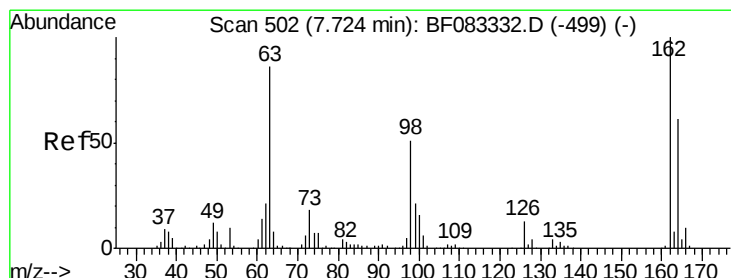
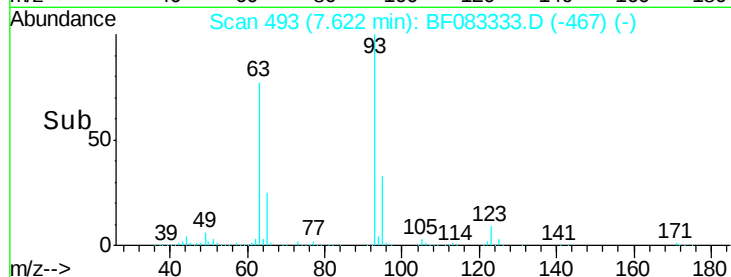
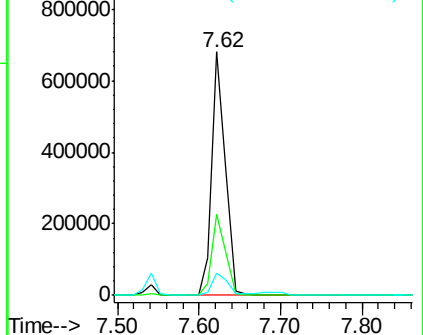
123 9.3 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 48.27 ng

RT: 7.74 min Scan# 503

Delta R.T. 0.01 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

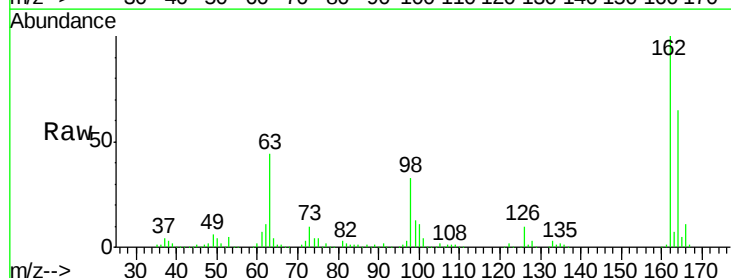
Tgt Ion: 162 Resp: 547920

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

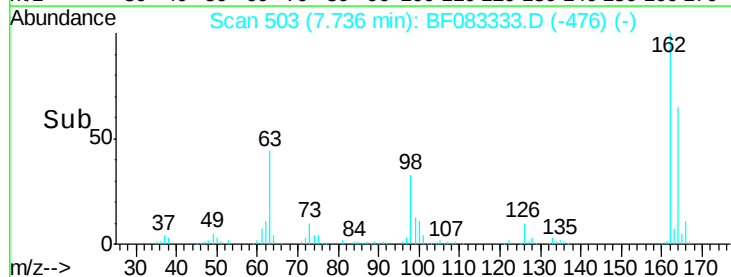
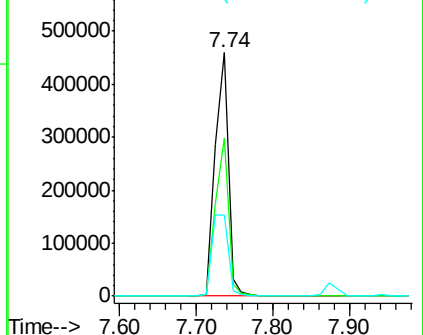
98 33.3 23.1 63.1

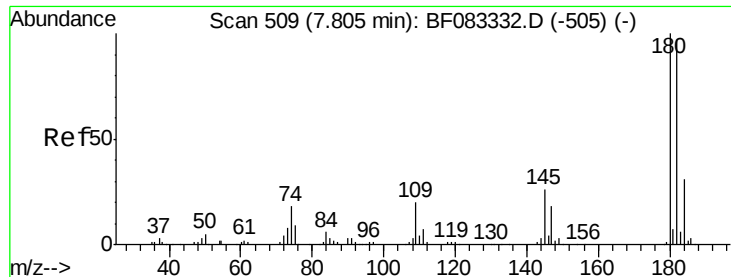


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

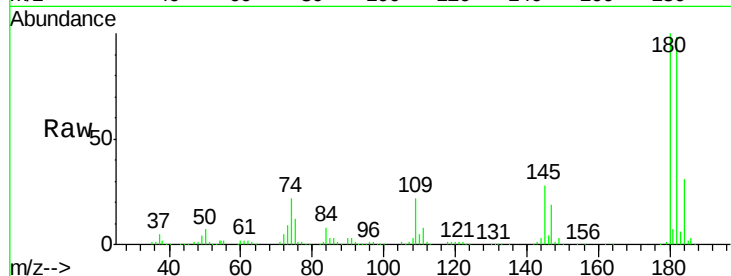




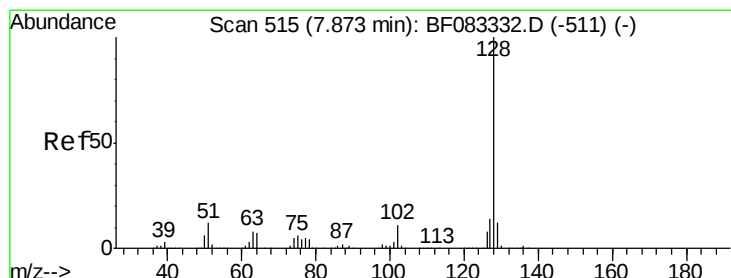
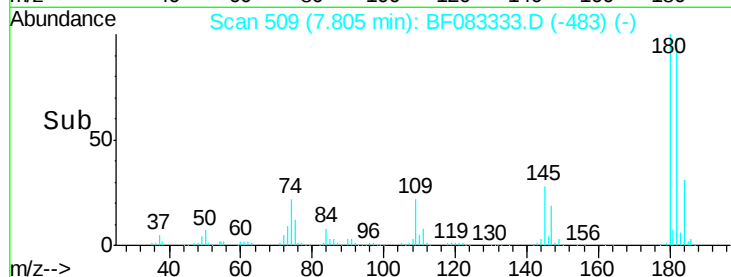
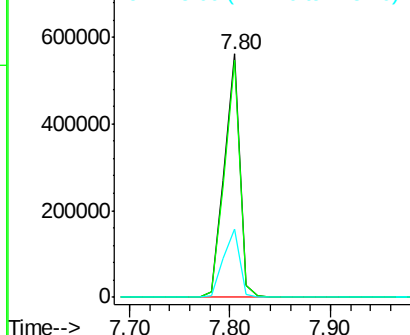
#30
 1,2,4-Trichlorobenzene
 Concen: 48.69 ng
 RT: 7.80 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 600540
 Ion Ratio Lower Upper
 180 100
 182 97.6 79.0 118.6
 145 28.0 24.2 36.2

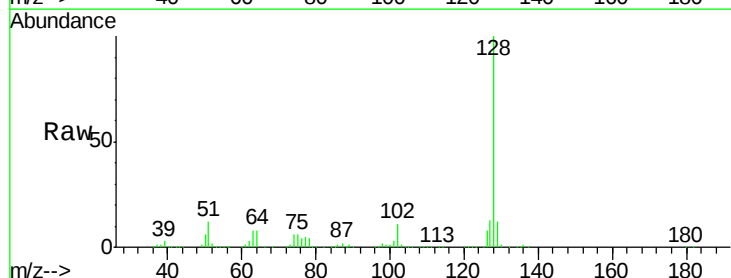


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

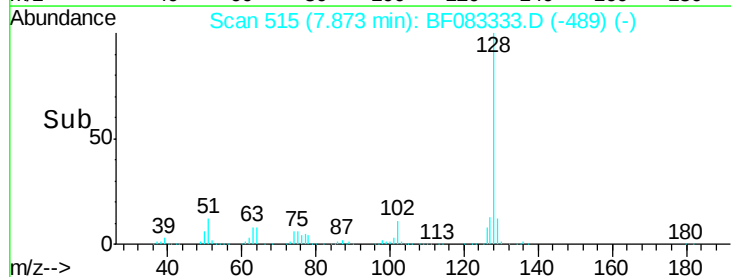
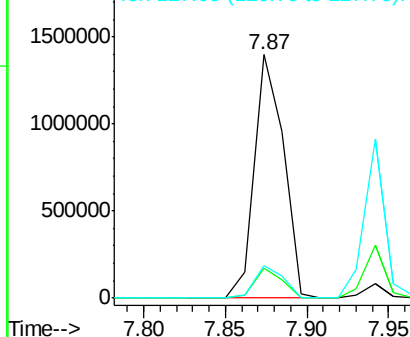


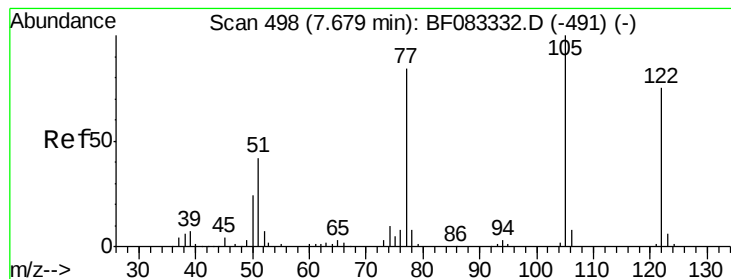
#31
 Naphthalene
 Concen: 44.10 ng
 RT: 7.87 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Tgt Ion:128 Resp: 1739491
 Ion Ratio Lower Upper
 128 100
 129 12.0 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: 62.49 ng

RT: 7.70 min Scan# 500

Delta R.T. 0.02 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

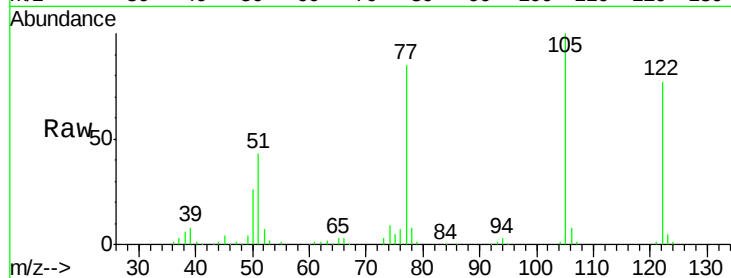
Tot Ion:122 Resp: 335979

Ion Ratio Lower Upper

122 100

105 129.7 109.7 149.7

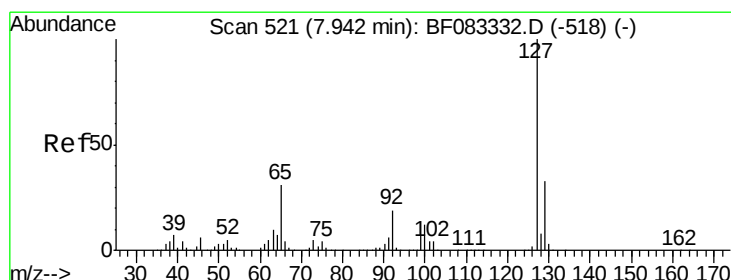
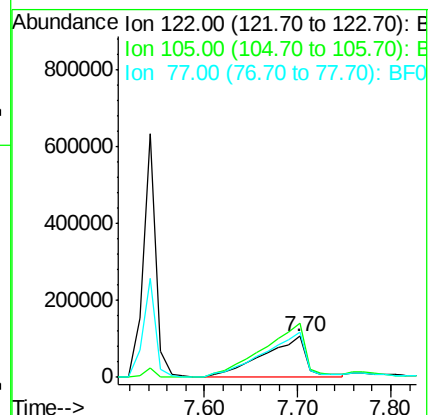
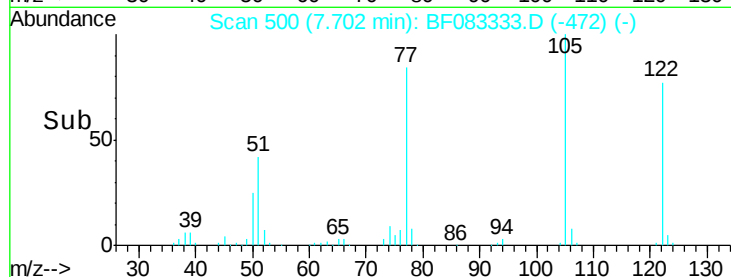
77 109.6 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 49.80 ng

RT: 7.94 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Tgt Ion:127 Resp: 819963

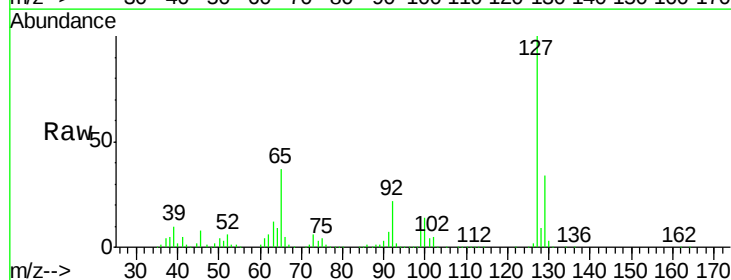
Ion Ratio Lower Upper

127 100

129 33.7 25.7 38.5

65 37.0 35.5 53.3

92 22.4 19.4 29.2

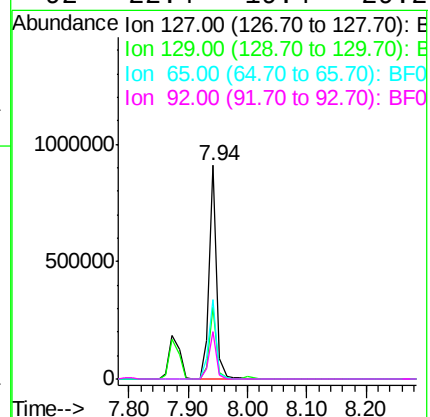
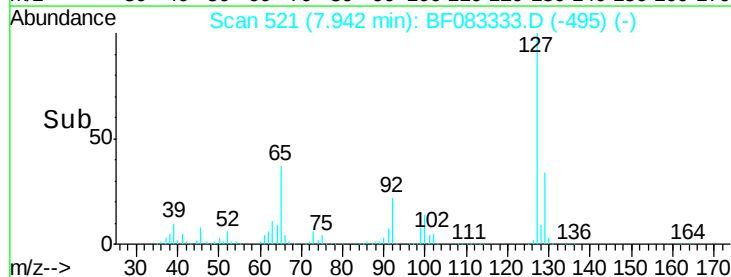


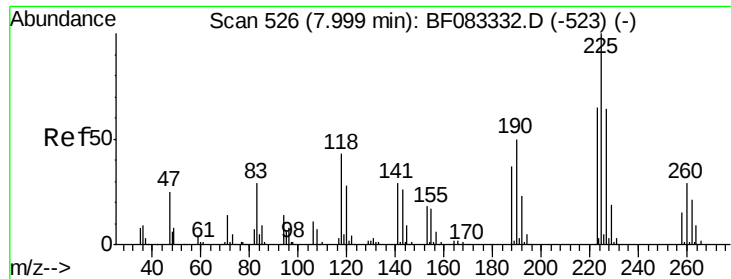
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

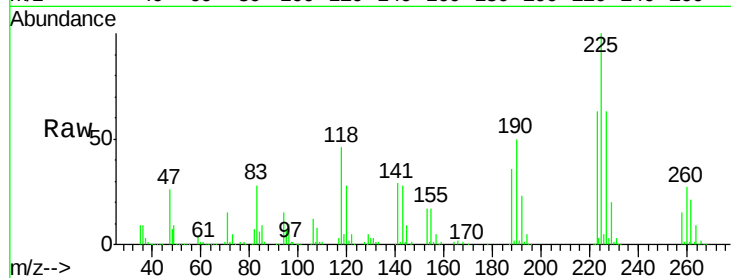




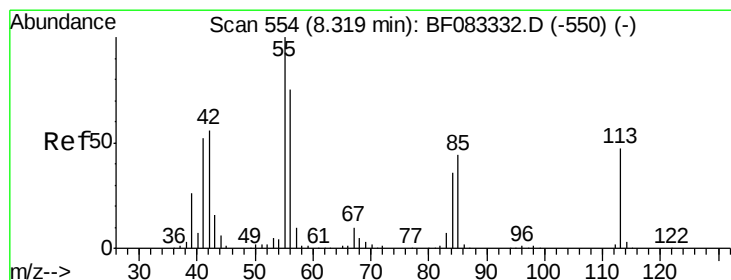
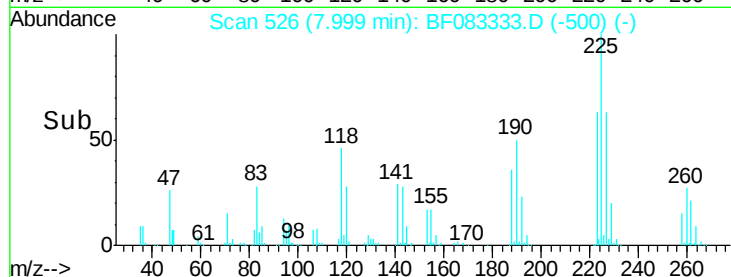
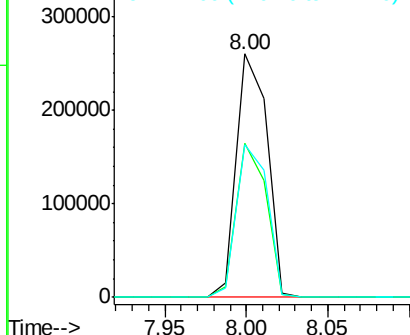
#34
Hexachlorobutadiene
Concen: 47.56 ng
RT: 8.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 338452
Ion Ratio Lower Upper
225 100
223 63.2 51.3 76.9
227 62.8 49.8 74.8

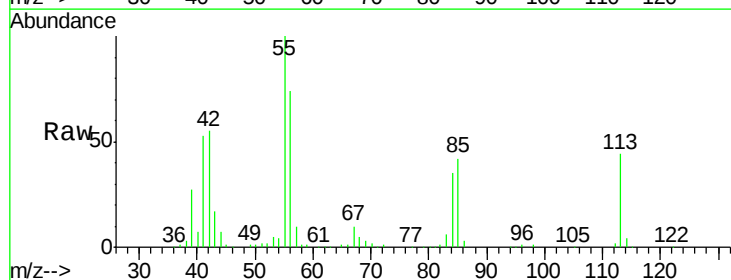


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

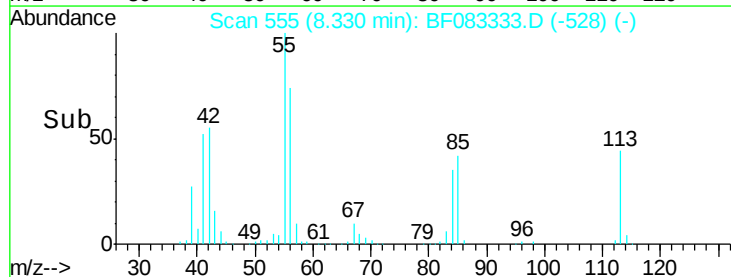
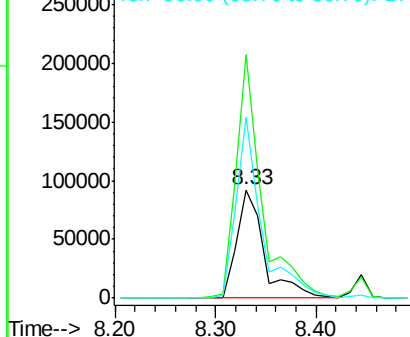


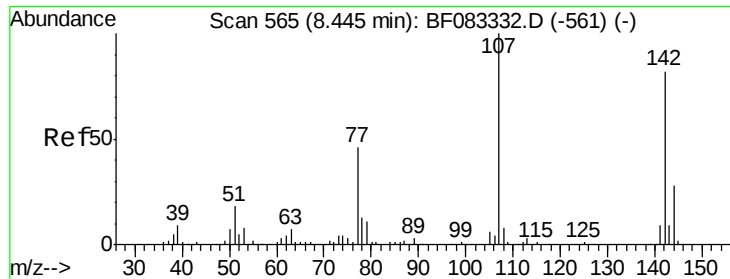
#35
Caprolactam
Concen: 54.07 ng
RT: 8.33 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:113 Resp: 175225
Ion Ratio Lower Upper
113 100
55 225.0 192.6 232.6
56 166.7 148.6 188.6



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

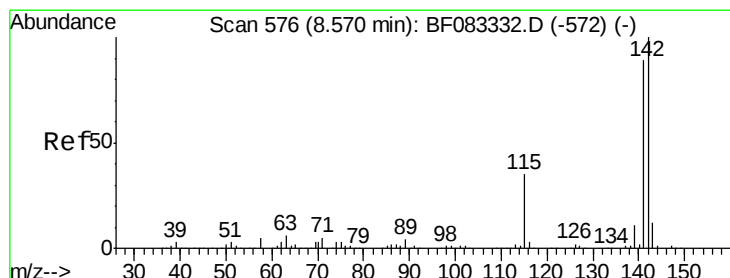
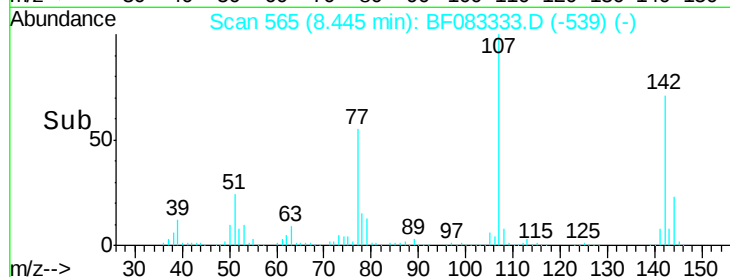
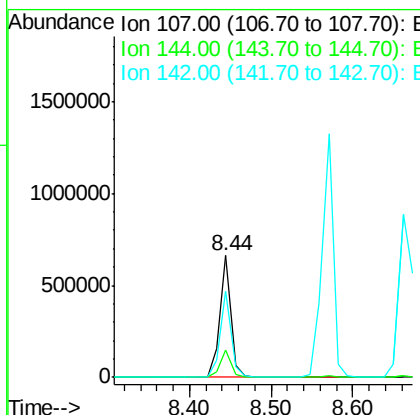
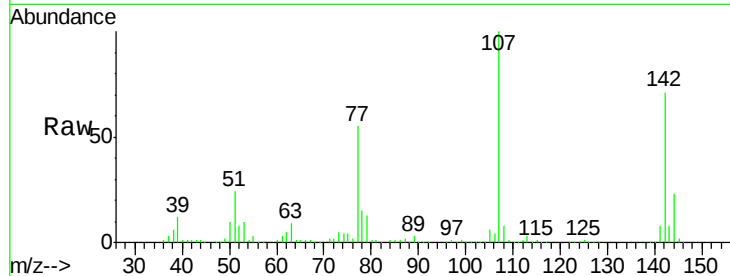




#36
 4-Chloro-3-methylphenol
 Concen: 49.85 ng
 RT: 8.44 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

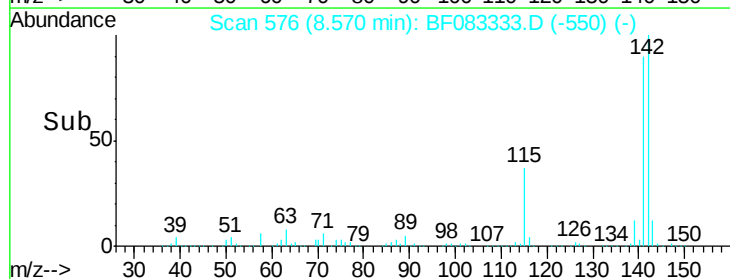
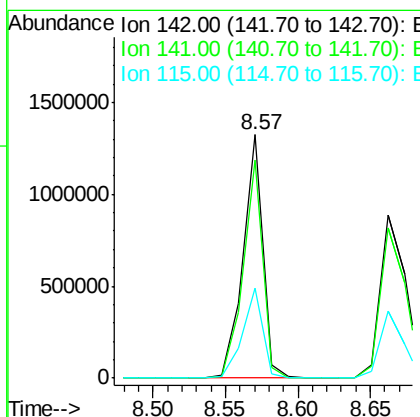
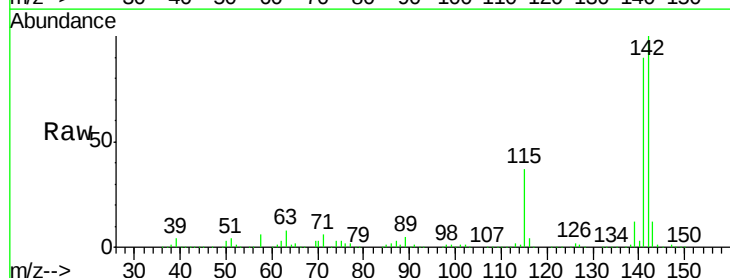
Instrument :
 BNA_F
 ClientSampled :

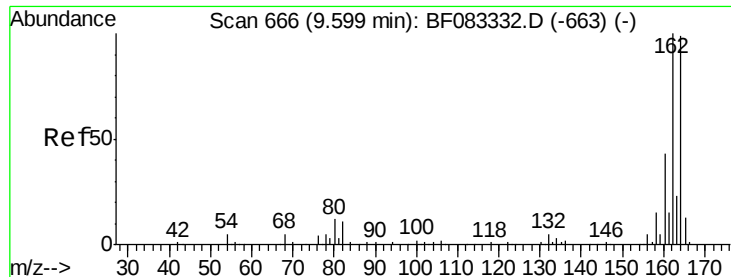
Tot Ion:107 Resp: 623303
 Ion Ratio Lower Upper
 107 100
 144 22.6 20.8 31.2
 142 70.9 62.1 93.1



#37
 2-Methylnaphthalene
 Concen: 48.73 ng
 RT: 8.57 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Tgt Ion:142 Resp: 1245342
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.3 105.5
 115 36.8 33.4 50.2

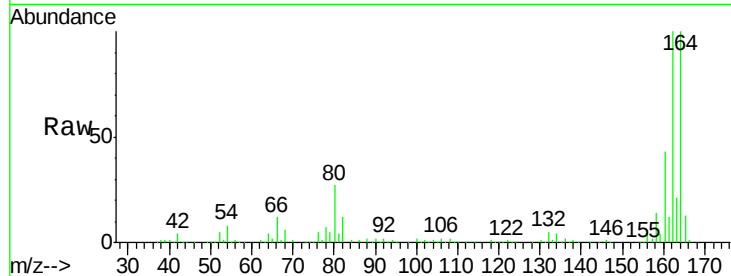




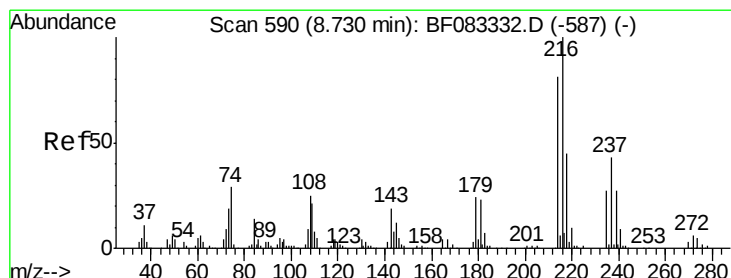
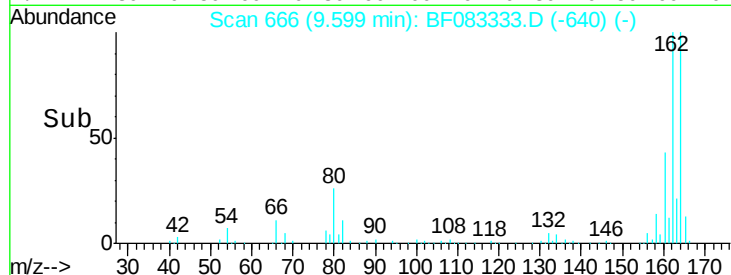
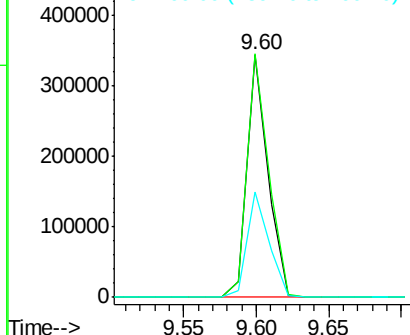
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 343940
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.2 121.8
 160 43.6 35.6 53.4

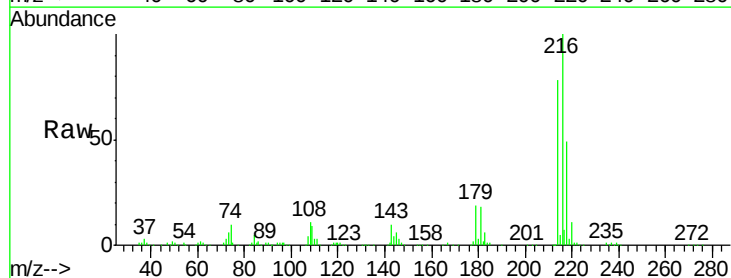


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

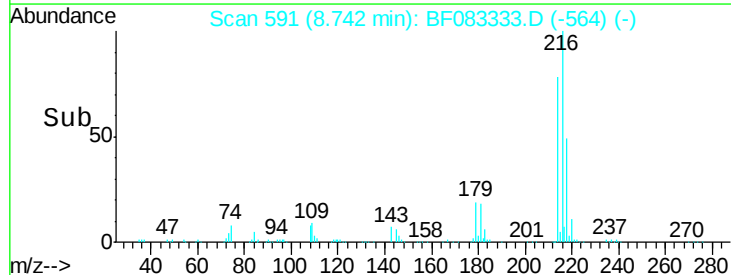
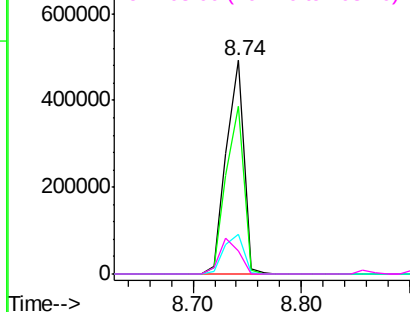


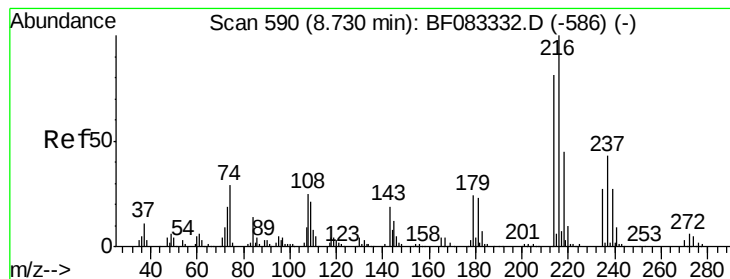
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.53 ng
 RT: 8.74 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Tgt Ion:216 Resp: 552101
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.8 95.8
 179 20.9 17.0 25.6
 108 18.9 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: 65.15 ng

RT: 8.73 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

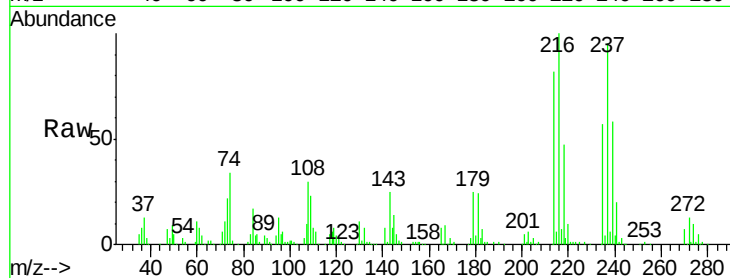
Tot Ion:237 Resp: 287401

Ion Ratio Lower Upper

237 100

235 60.0 43.5 83.5

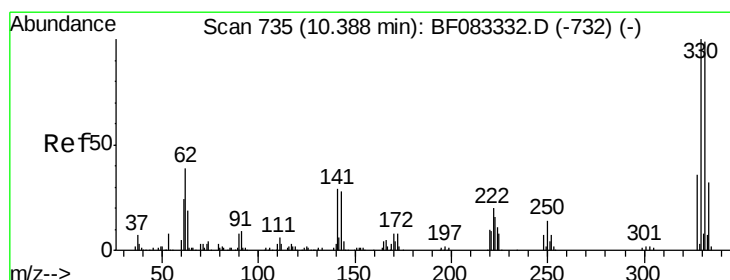
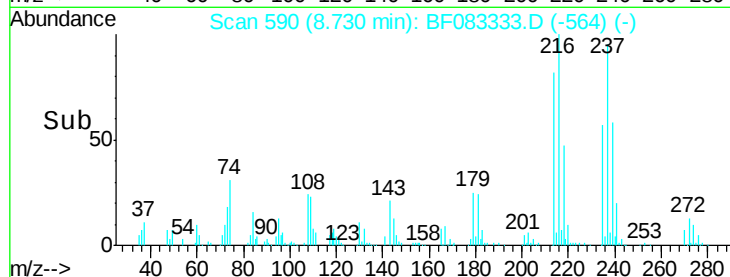
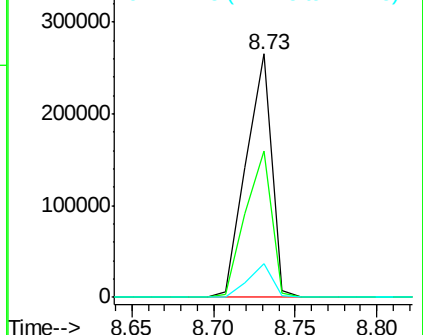
272 13.9 0.0 33.1



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: 49.16 ng

RT: 10.39 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

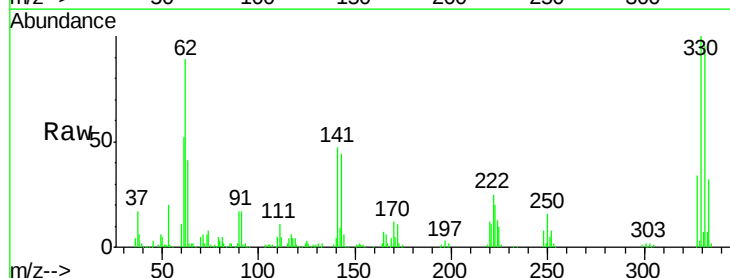
Tgt Ion:330 Resp: 313142

Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

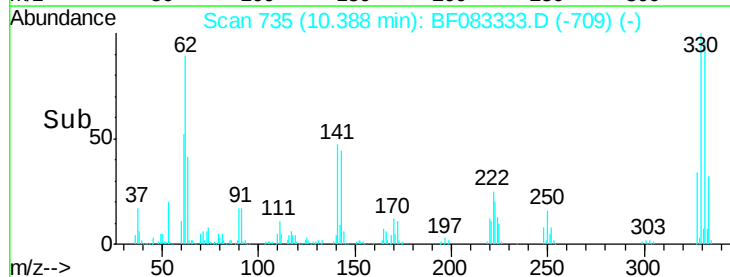
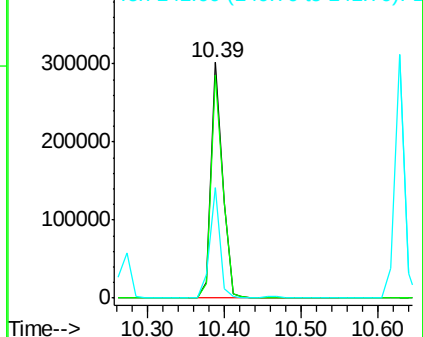
141 40.9 29.7 44.5

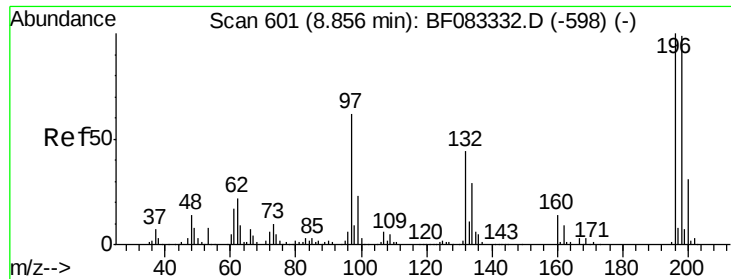


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

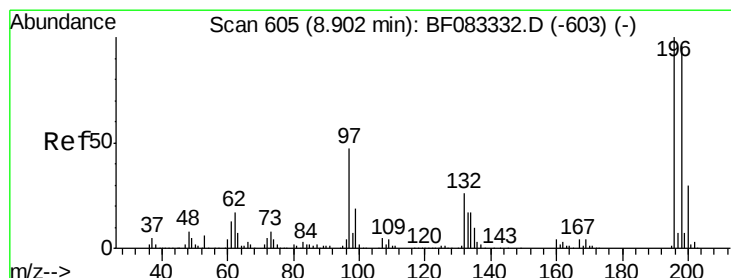
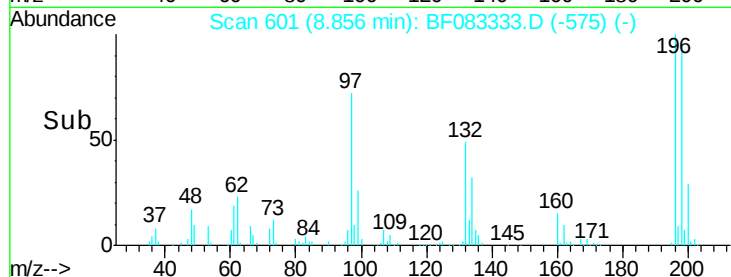
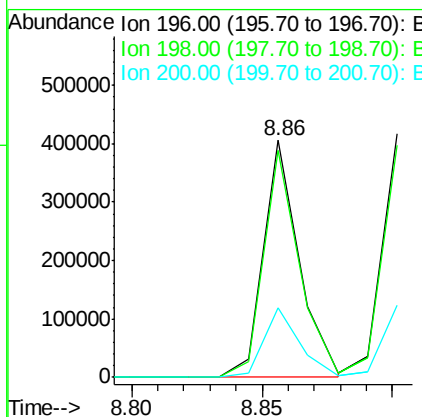
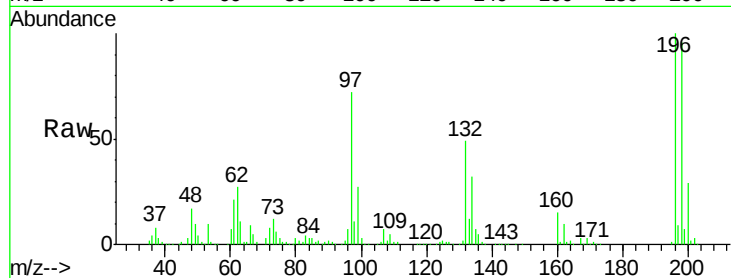




#42
 2,4,6-Trichlorophenol
 Concen: 50.17 ng
 RT: 8.86 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

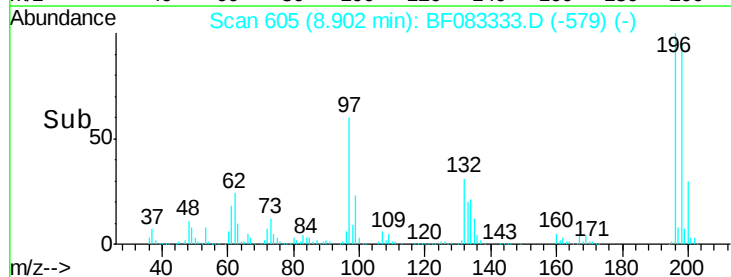
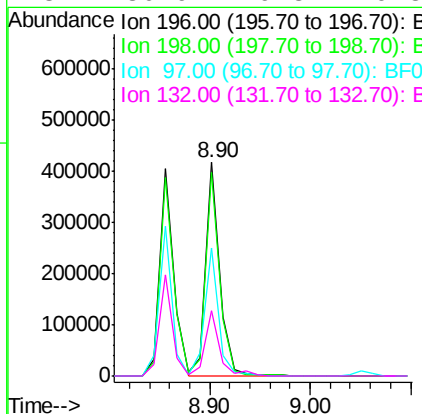
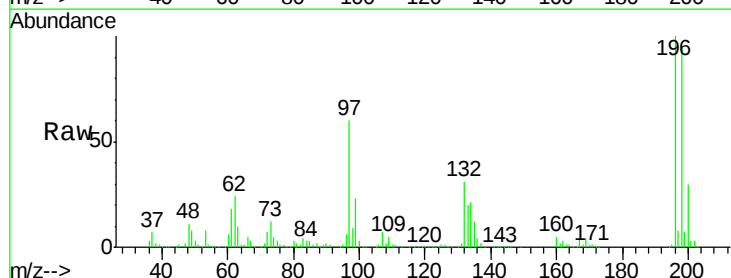
Instrument :
 BNA_F
 ClientSampled :

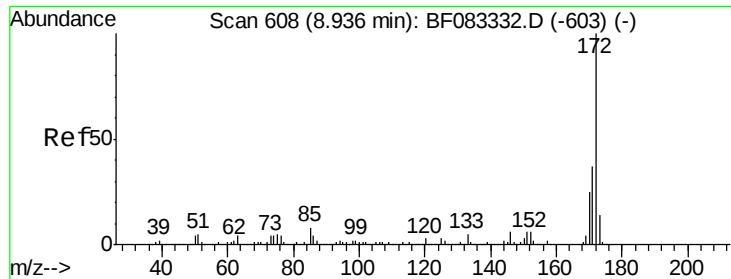
Tot Ion:196 Resp: 387980
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.9 113.9
 200 29.5 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 51.79 ng
 RT: 8.90 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Tgt Ion:196 Resp: 403987
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.6 116.4
 97 60.2 32.6 48.8#
 132 30.9 19.8 29.8#

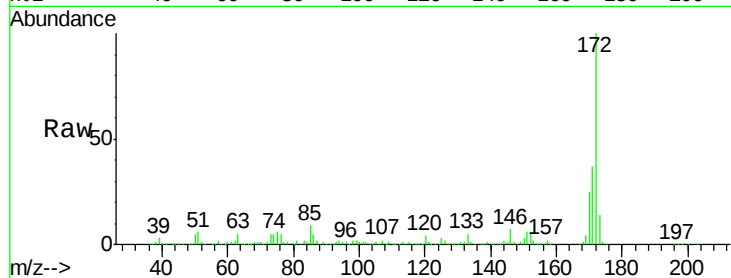




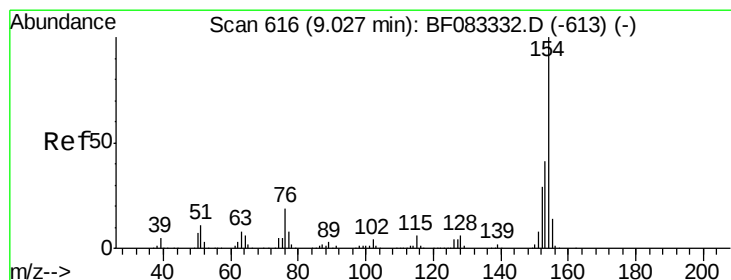
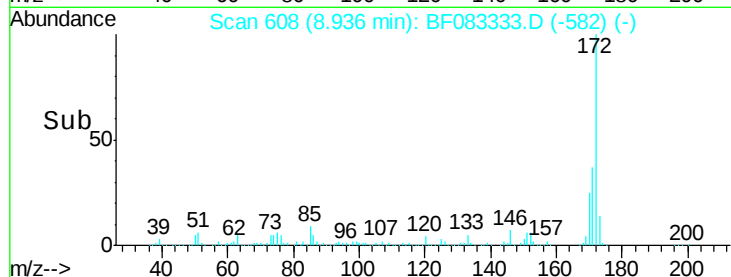
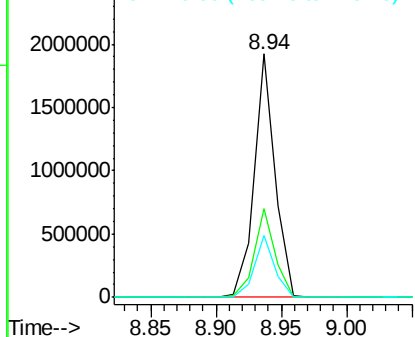
#44
2-Fluorobiphenyl
Concen: 43.16 ng
RT: 8.94 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2144444
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 25.2 19.9 29.9

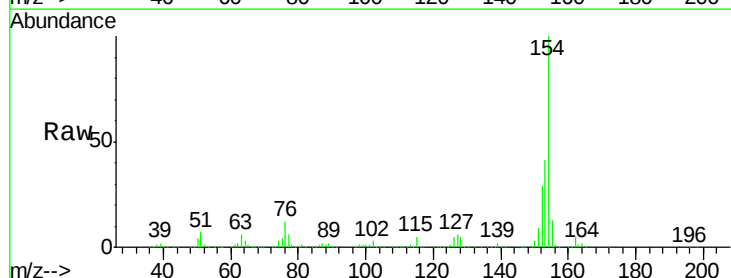


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

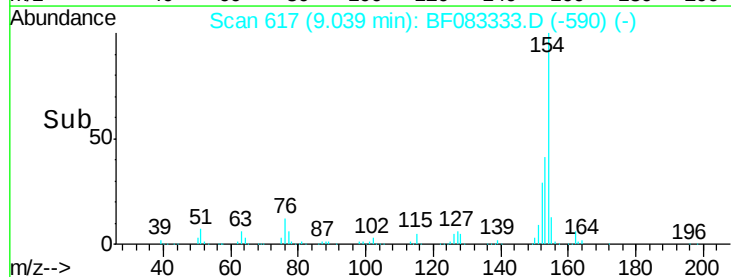
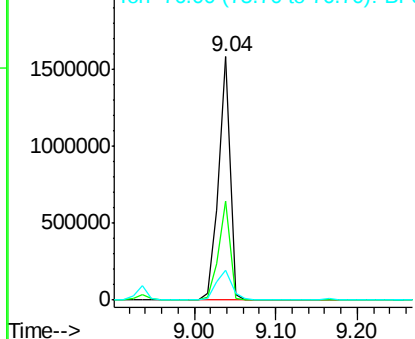


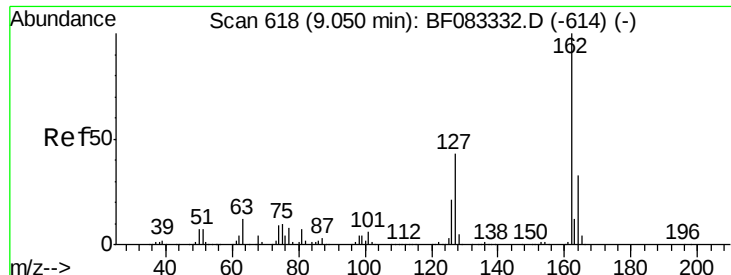
#45
1,1'-Biphenyl
Concen: 49.49 ng
RT: 9.04 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:154 Resp: 1545841
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 12.4 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

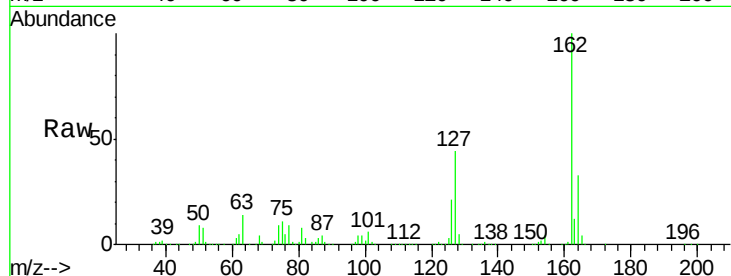




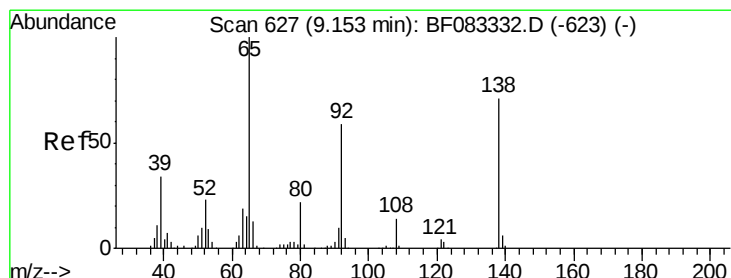
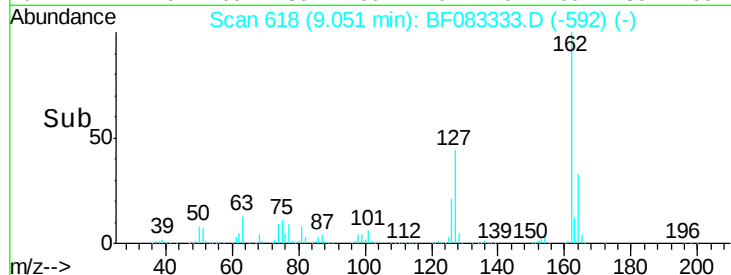
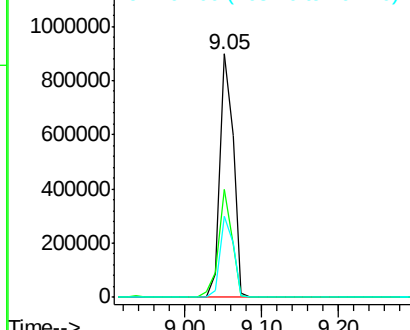
#46
2-Chloronaphthalene
Concen: 46.94 ng
RT: 9.05 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1100880
Ion Ratio Lower Upper
162 100
127 44.4 29.4 44.2#
164 33.1 26.2 39.4

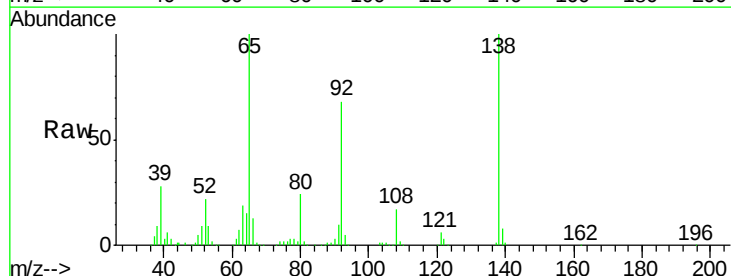


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

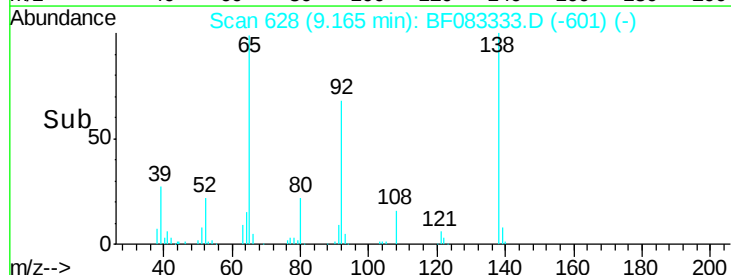
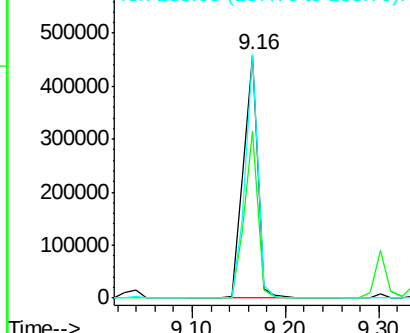


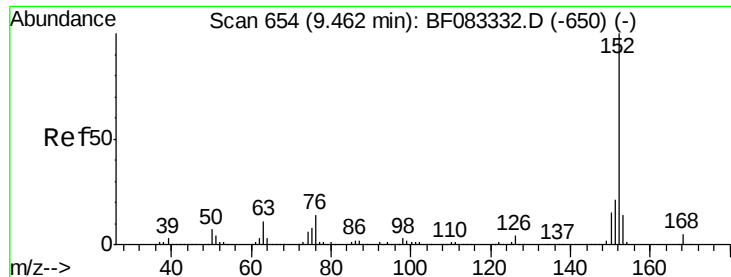
#47
2-Nitroaniline
Concen: 55.06 ng
RT: 9.16 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion: 65 Resp: 492579
Ion Ratio Lower Upper
65 100
92 68.4 49.5 74.3
138 100.2 60.7 91.1#



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





#48

Acenaphthylene

Concen: 45.24 ng

RT: 9.46 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

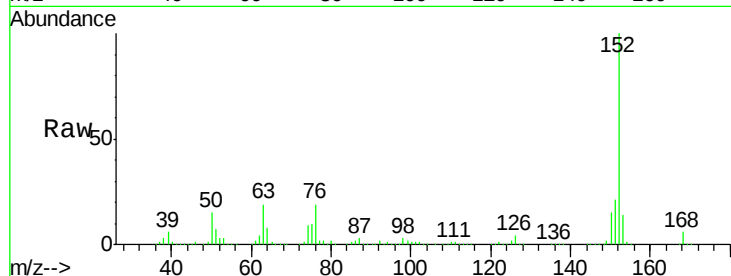
Tot Ion:152 Resp: 1677324

Ion Ratio Lower Upper

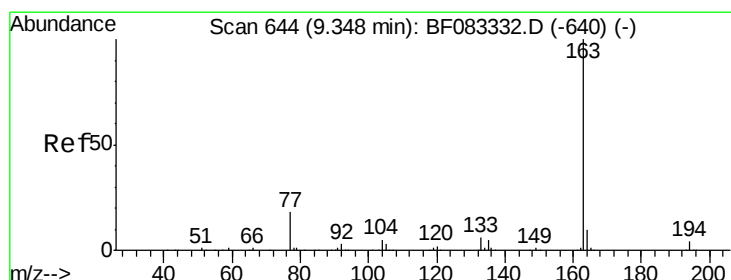
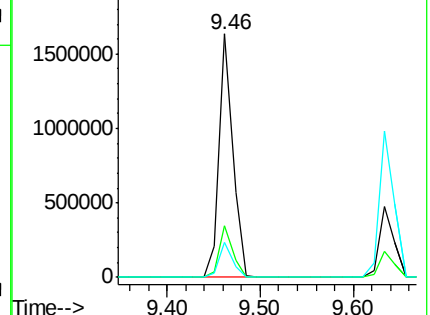
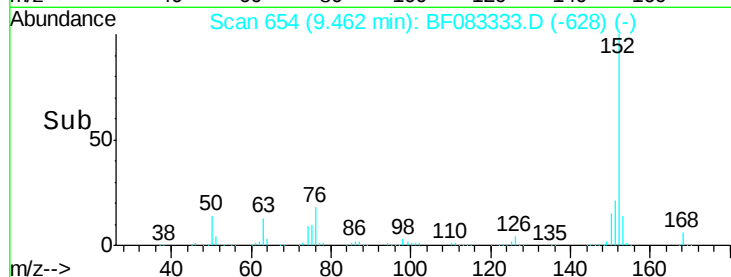
152 100

151 21.2 16.3 24.5

153 14.2 10.8 16.2



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



#49

Dimethylphthalate

Concen: 48.06 ng

RT: 9.35 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

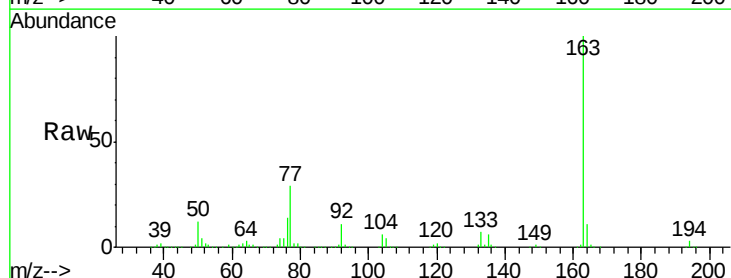
Tgt Ion:163 Resp: 1283770

Ion Ratio Lower Upper

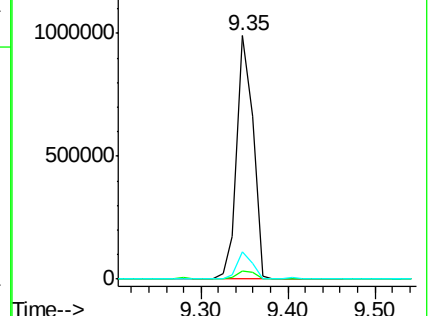
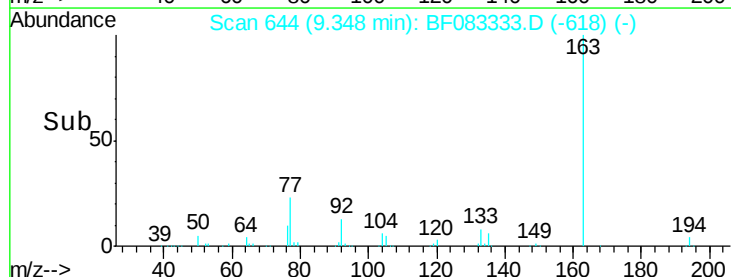
163 100

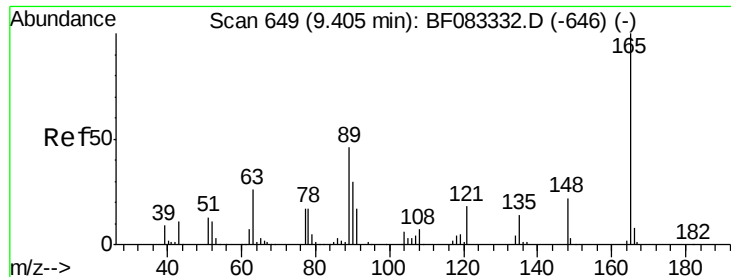
194 3.3 2.6 4.0

164 11.3 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: 48.37 ng

RT: 9.40 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

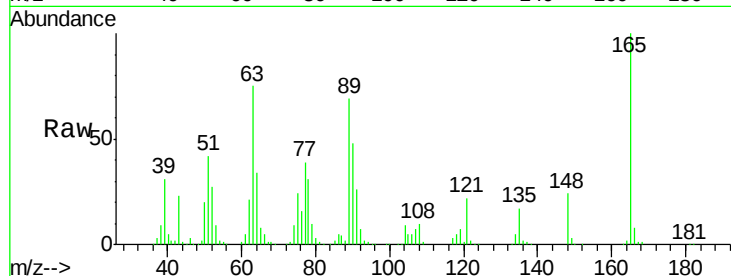
Tot Ion:165 Resp: 278181

Ion Ratio Lower Upper

165 100

63 75.2 62.5 93.7

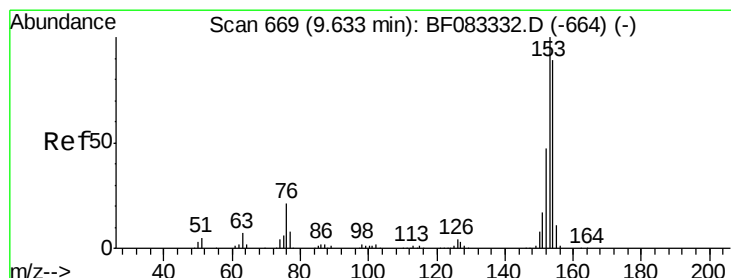
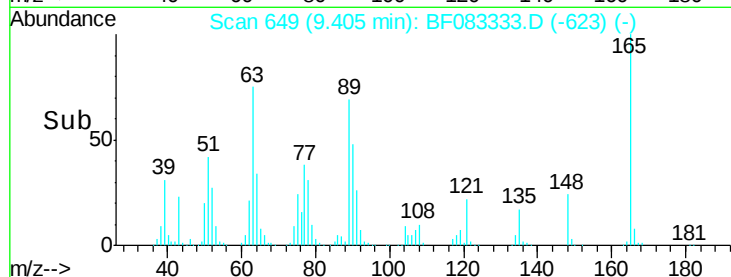
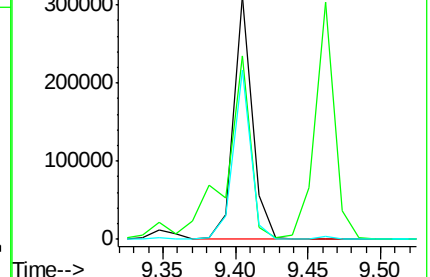
89 69.4 59.1 88.7



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: 45.69 ng

RT: 9.63 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

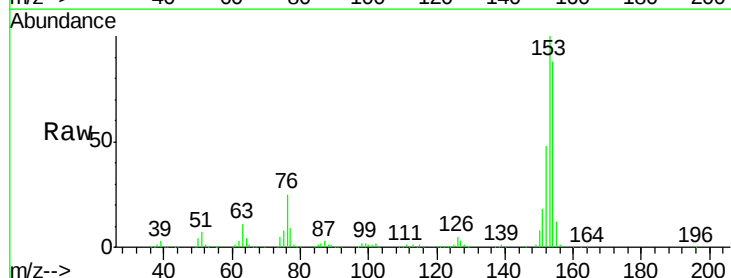
Tgt Ion:154 Resp: 973983

Ion Ratio Lower Upper

154 100

153 113.3 89.6 134.4

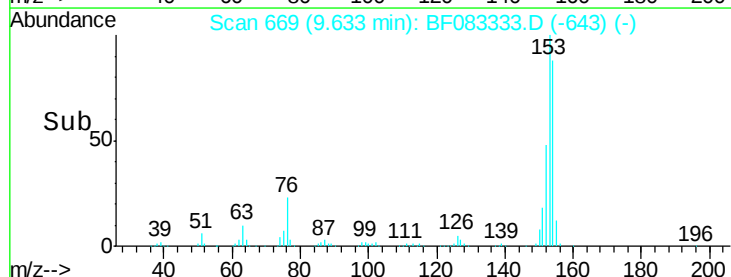
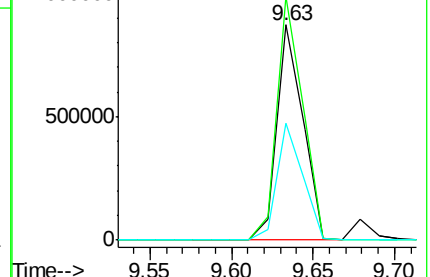
152 54.7 43.3 64.9

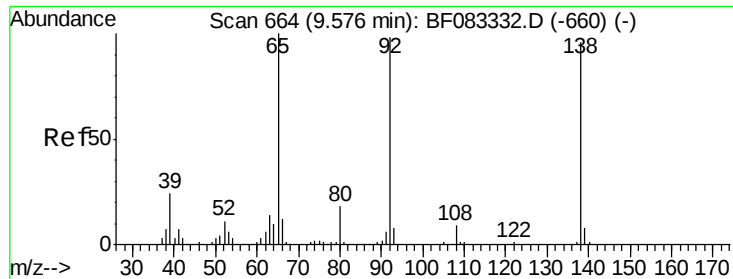


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 51.68 ng

RT: 9.58 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

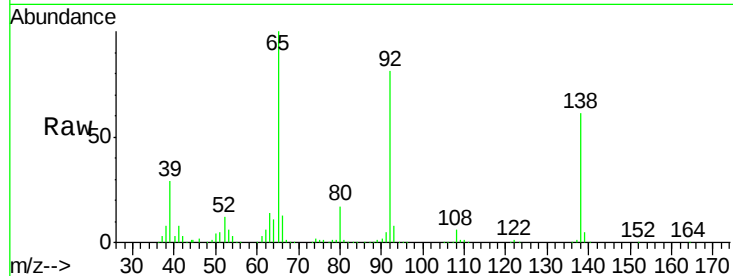
Tot Ion:138 Resp: 339497

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

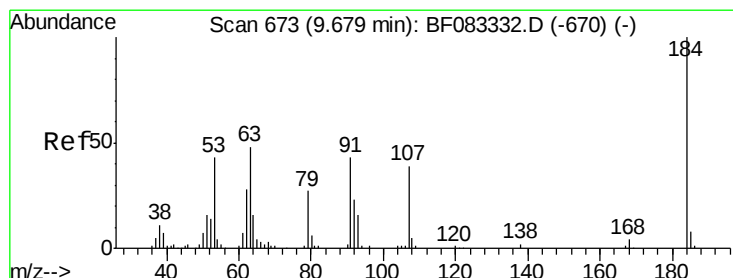
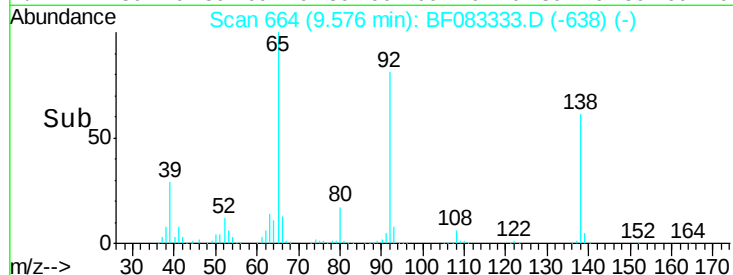
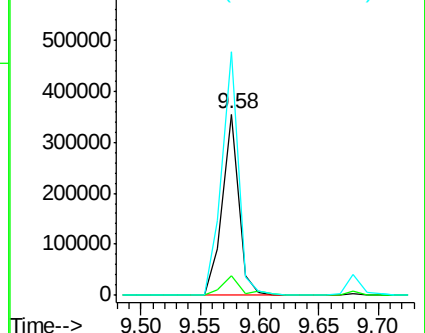
92 134.2 81.1 121.7#



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: 86.94 ng

RT: 9.68 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

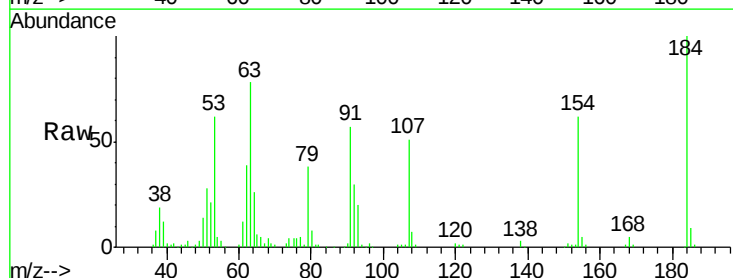
Tgt Ion:184 Resp: 136647

Ion Ratio Lower Upper

184 100

63 78.4 60.5 90.7

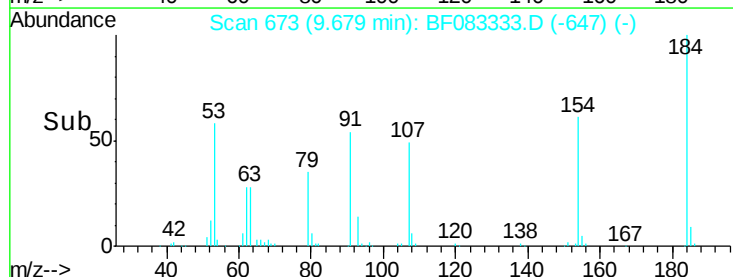
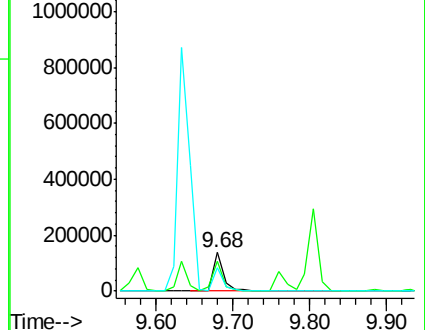
154 61.7 54.3 81.5

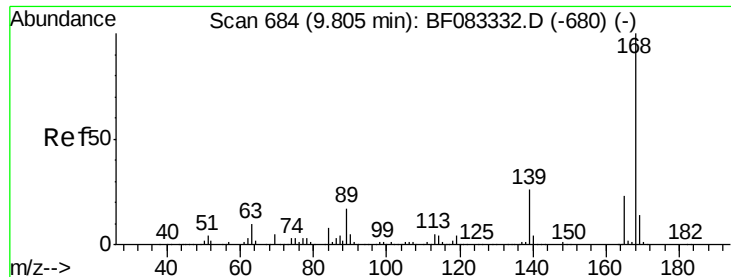


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

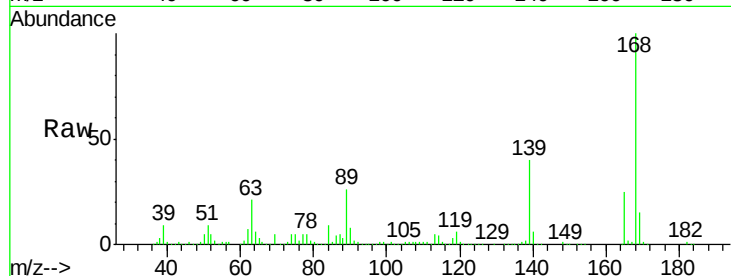




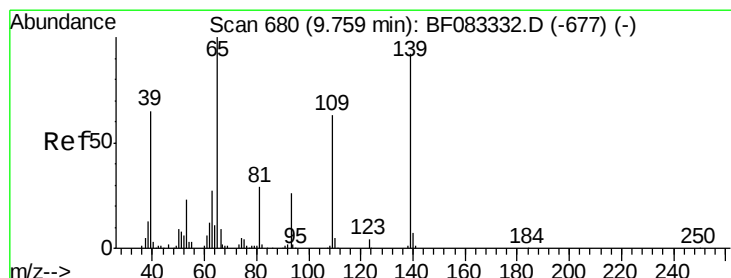
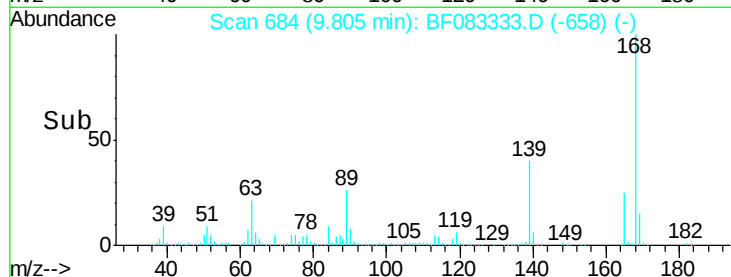
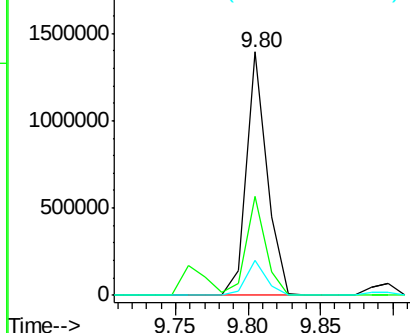
#54
Dibenzenofuran
Concen: 44.25 ng
RT: 9.80 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1373031
Ion Ratio Lower Upper
168 100
139 40.4 30.2 45.2
169 14.5 10.9 16.3

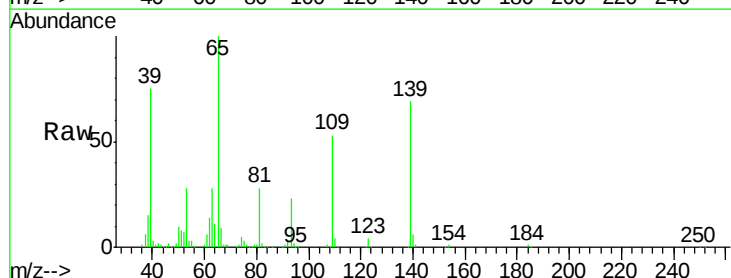


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

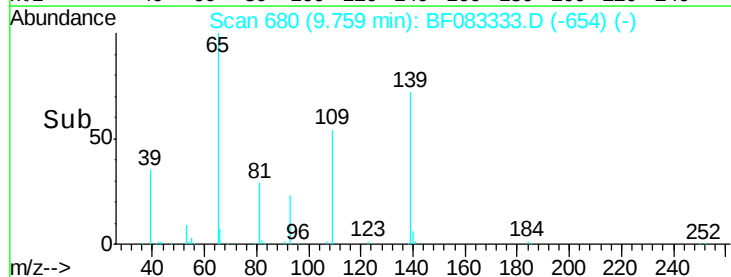
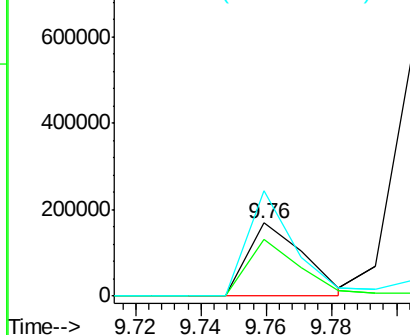


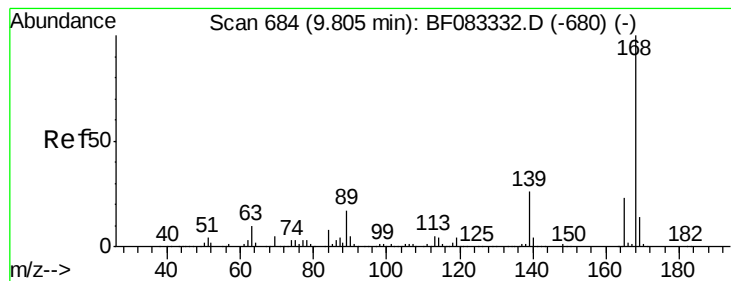
#55
4-Nitrophenol
Concen: 63.00 ng
RT: 9.76 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:139 Resp: 200881
Ion Ratio Lower Upper
139 100
109 77.5 64.0 104.0
65 145.2 109.5 149.5



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: 47.93 ng

RT: 9.80 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 348387

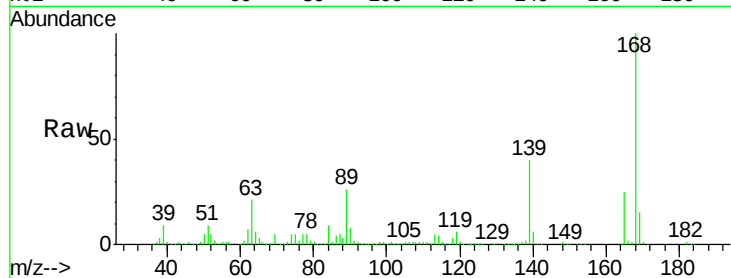
Ion Ratio Lower Upper

165 100

63 85.0 54.5 81.7#

89 102.3 77.3 115.9

182 2.0 1.8 2.6

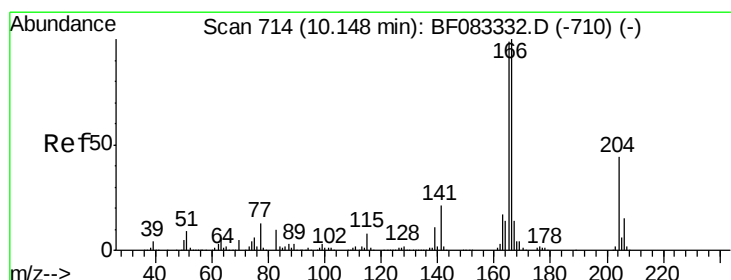
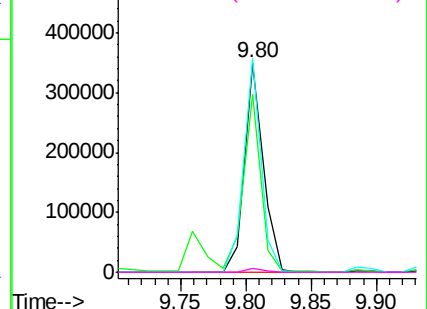
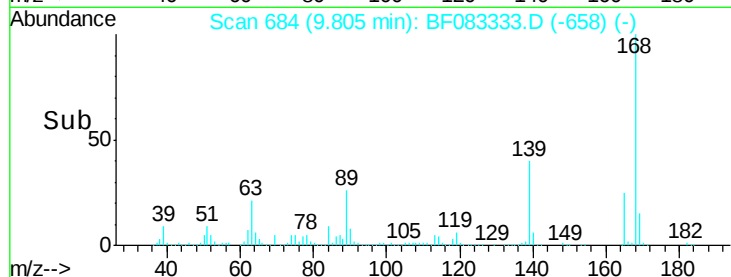


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.37 ng

RT: 10.15 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

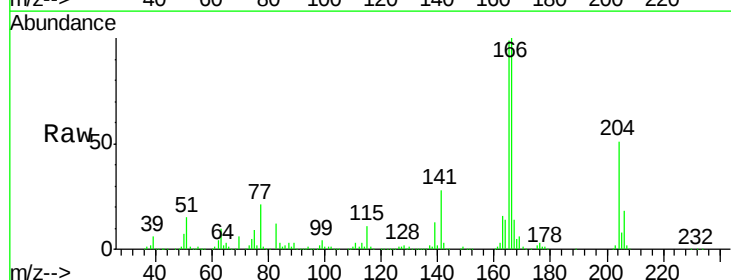
Tgt Ion:166 Resp: 1176379

Ion Ratio Lower Upper

166 100

165 98.8 78.0 117.0

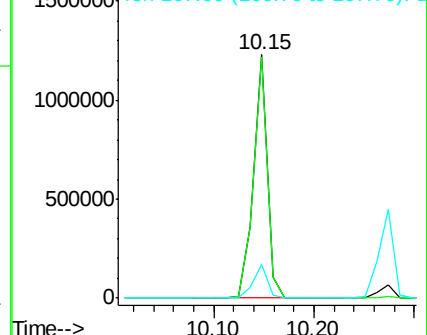
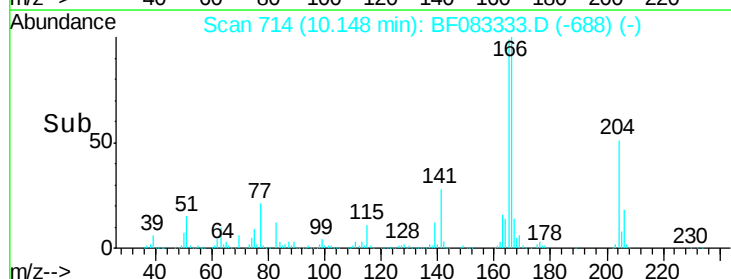
167 13.7 11.3 16.9

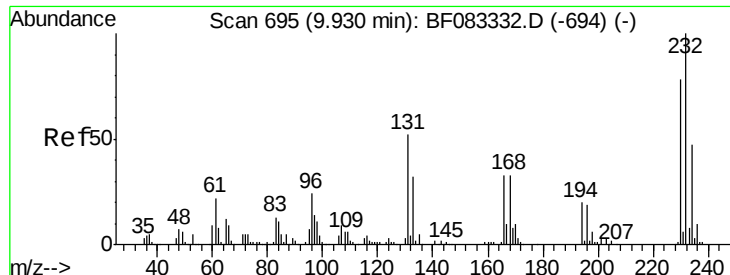


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

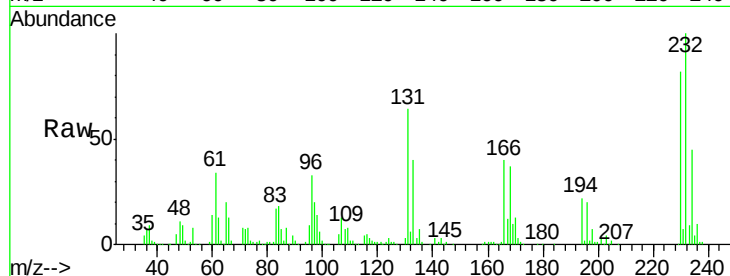




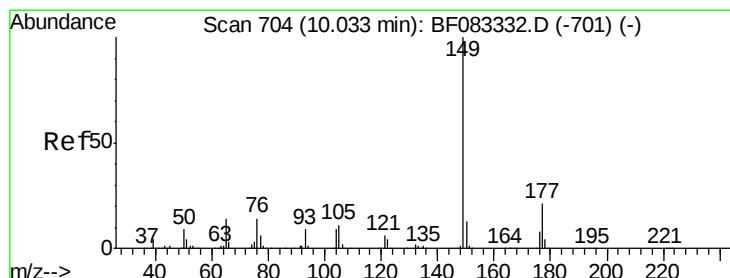
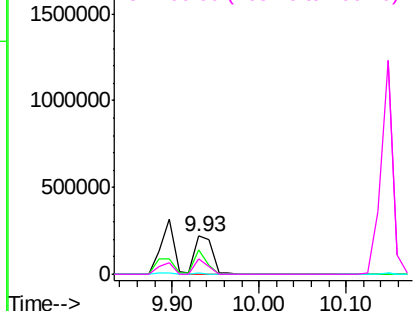
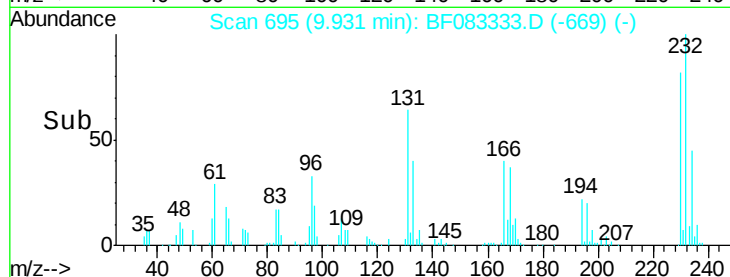
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.59 ng
 RT: 9.93 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 305466
 Ion Ratio Lower Upper
 232 100
 131 46.4 38.6 57.8
 130 2.2 1.9 2.9
 166 31.1 25.4 38.0

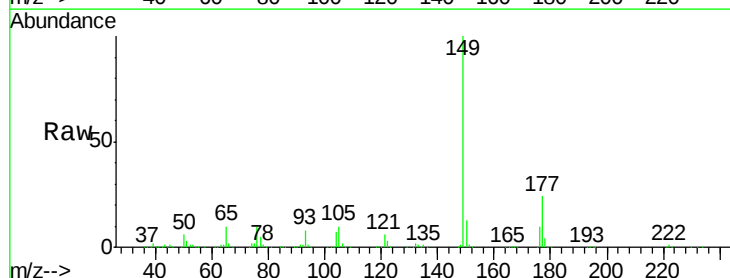


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

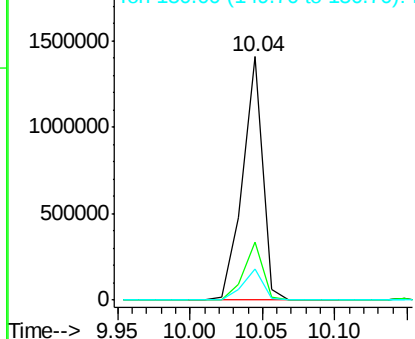
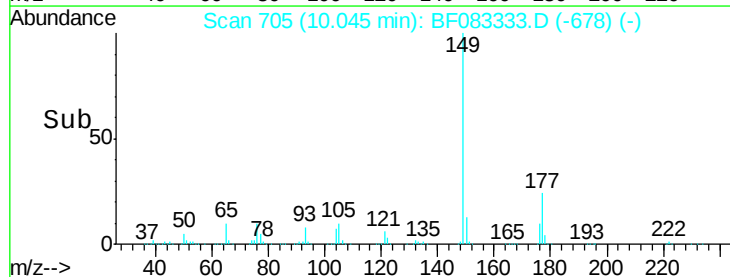


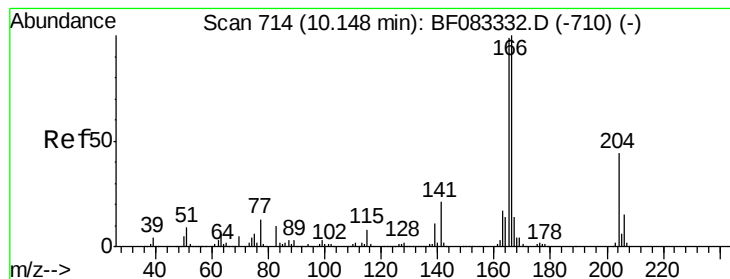
#59
 Diethylphthalate
 Concen: 52.98 ng
 RT: 10.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Tgt Ion:149 Resp: 1348539
 Ion Ratio Lower Upper
 149 100
 177 23.9 19.4 29.2
 150 12.9 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: 48.82 ng

RT: 10.15 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

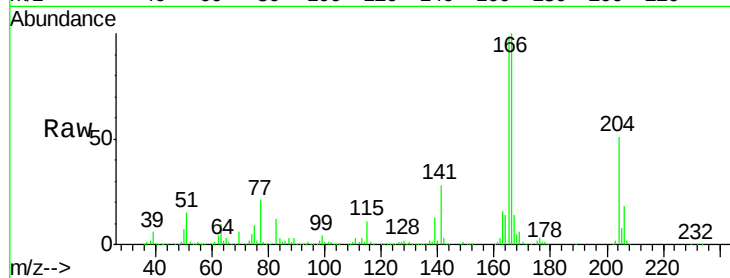
Tot Ion:204 Resp: 567422

Ion Ratio Lower Upper

204 100

206 34.6 27.4 41.0

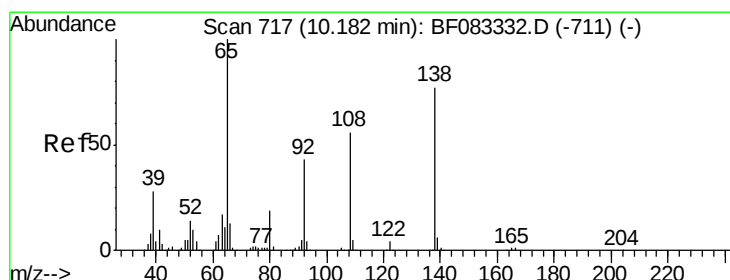
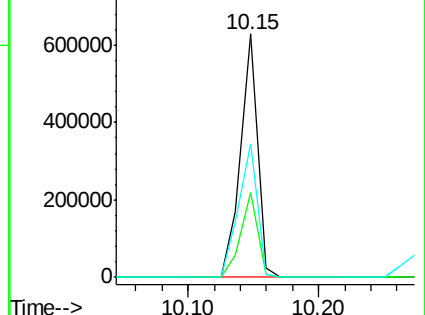
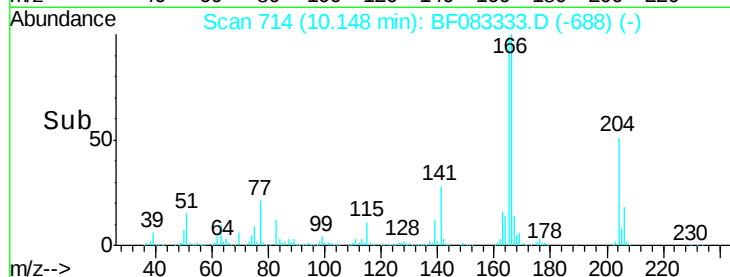
141 55.0 57.4 86.2#



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: 55.71 ng

RT: 10.19 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

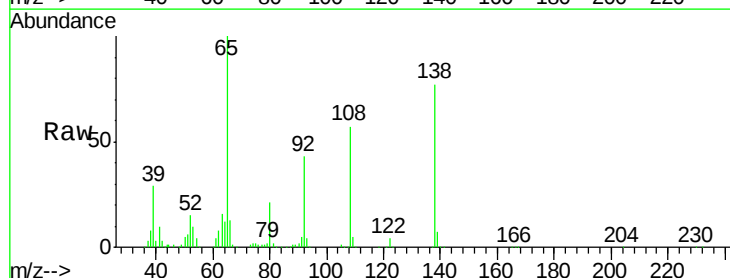
Tgt Ion:138 Resp: 348670

Ion Ratio Lower Upper

138 100

92 56.1 28.4 68.4

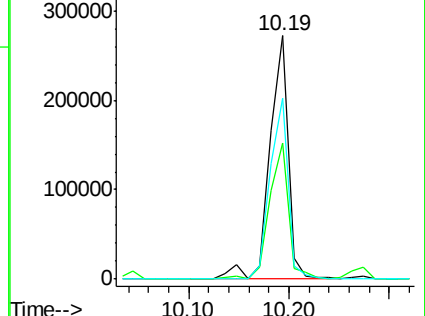
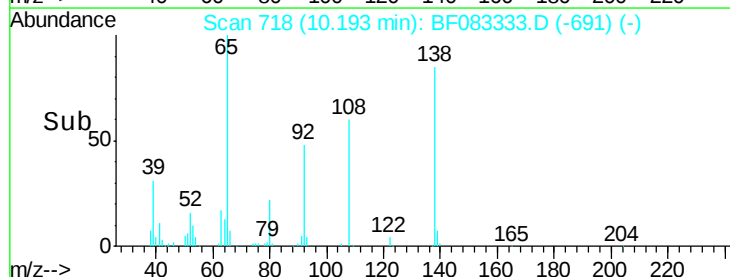
108 74.1 53.5 93.5

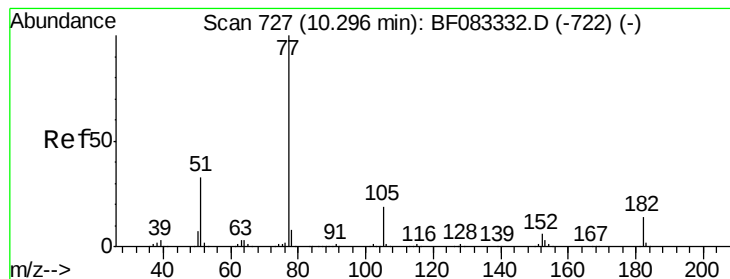


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 51.15 ng

RT: 10.31 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

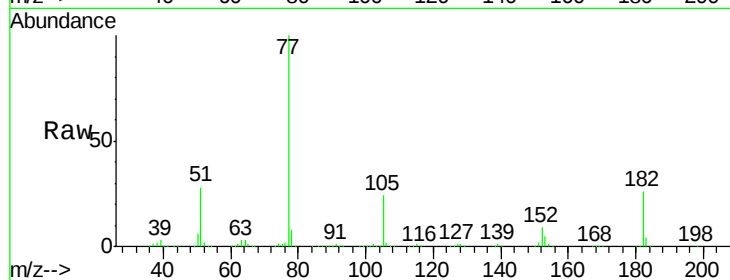
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1634307

Ion	Ratio	Lower	Upper
77	100		
182	26.1	0.0	38.3
105	24.0	1.2	41.2
51	28.3	11.1	51.1

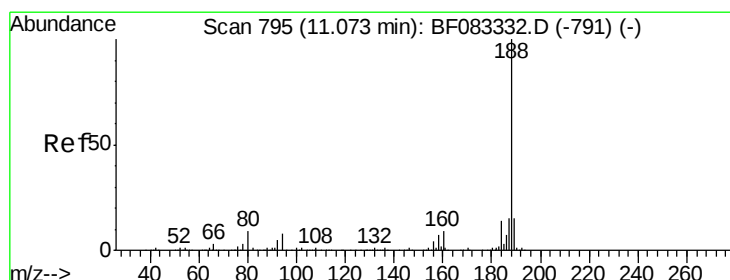
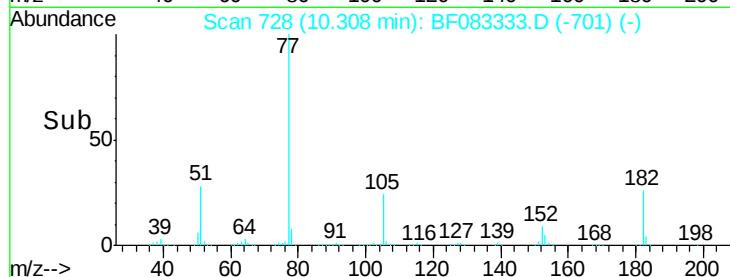


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

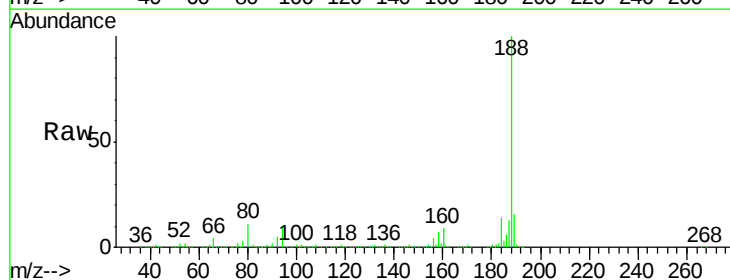
Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Tgt Ion: 188 Resp: 646067

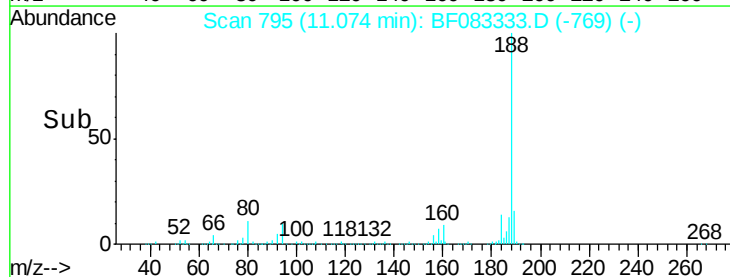
Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.0	9.0#
80	10.7	6.7	10.1#

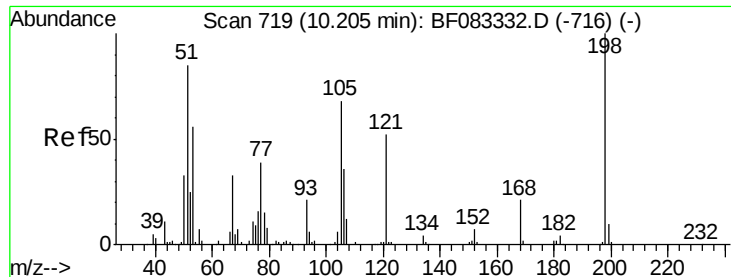


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

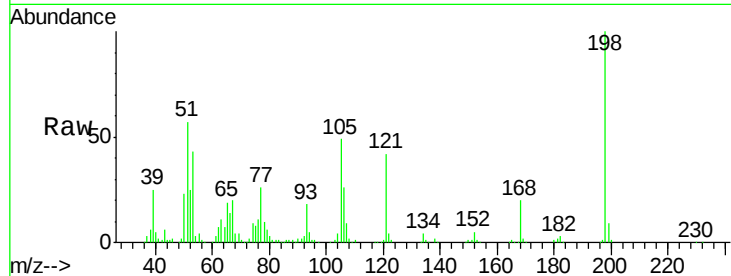




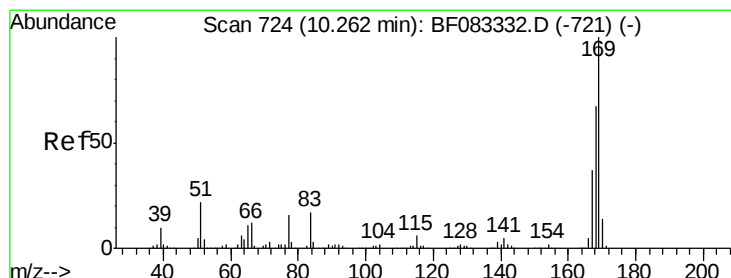
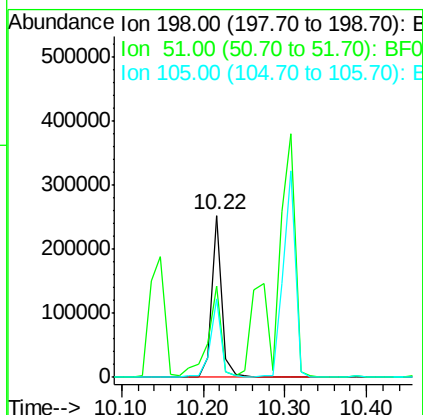
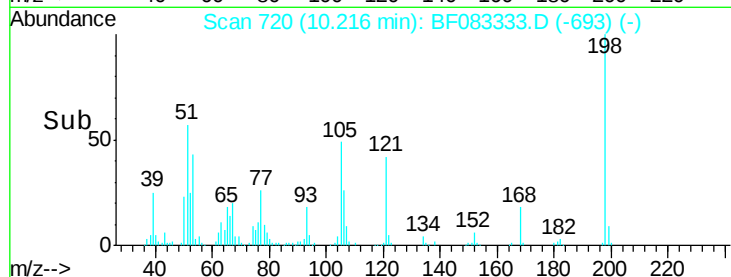
#64
4,6-Dinitro-2-methylphenol
Concen: 67.19 ng
RT: 10.22 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 222687
Ion Ratio Lower Upper
198 100
51 56.7 27.0 67.0
105 48.6 26.1 66.1

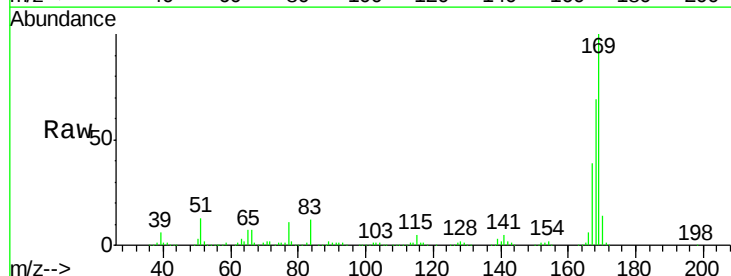


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

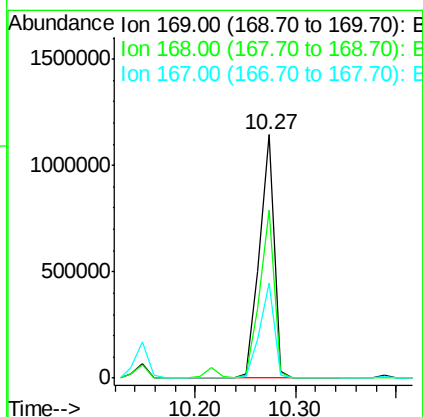
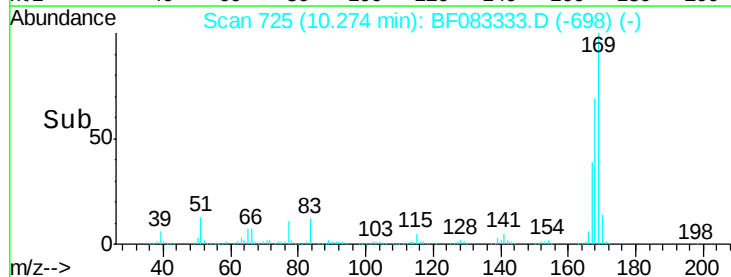


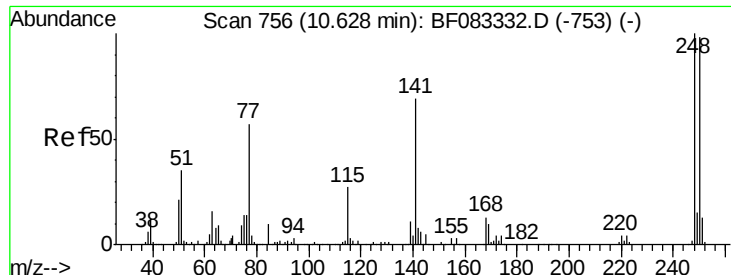
#65
n-Nitrosodiphenylamine
Concen: 49.02 ng
RT: 10.27 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:169 Resp: 1177594
Ion Ratio Lower Upper
169 100
168 68.9 53.8 80.6
167 39.2 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

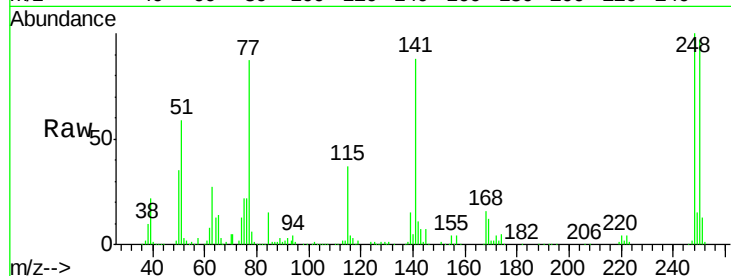




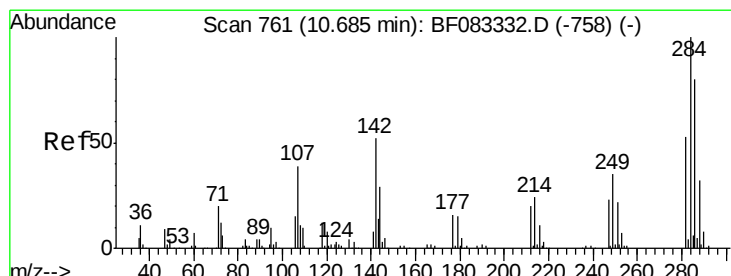
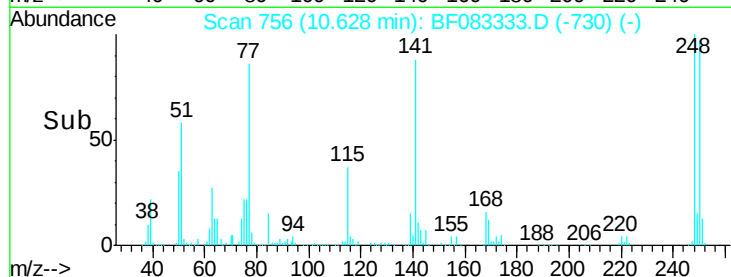
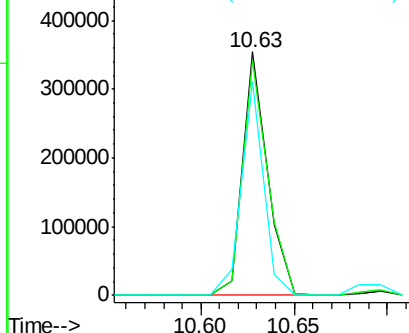
#66
4-Bromophenyl-phenylether
Concen: 45.06 ng
RT: 10.63 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 331699
Ion Ratio Lower Upper
248 100
250 96.5 75.4 113.2
141 88.1 48.1 72.1#

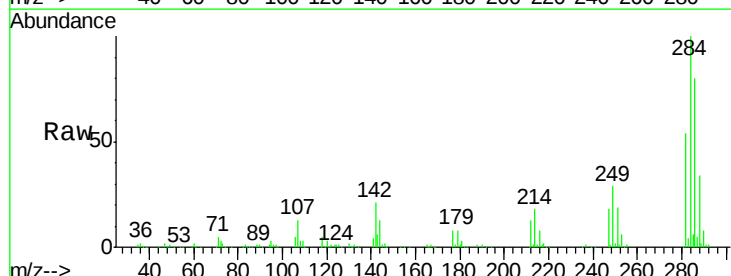


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

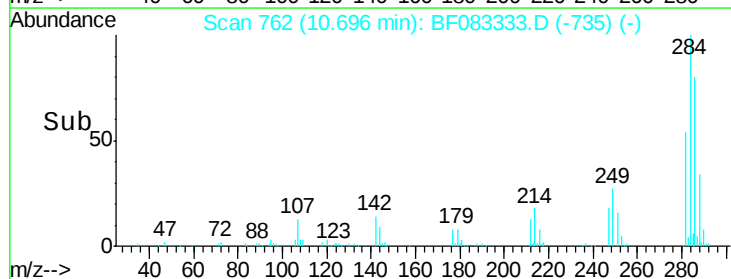
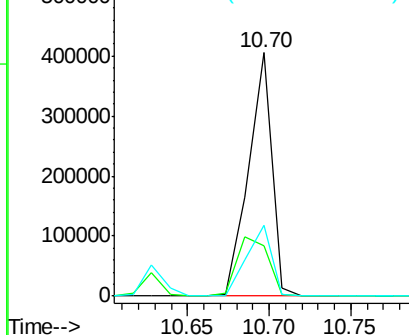


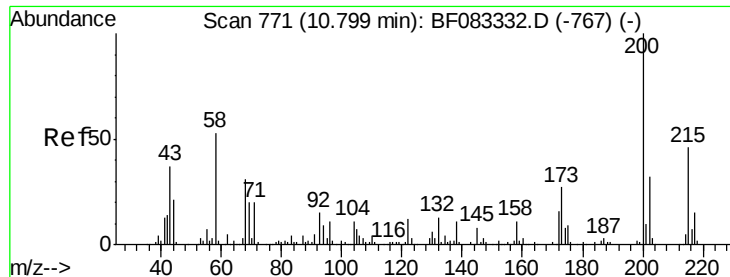
#67
Hexachlorobenzene
Concen: 48.57 ng
RT: 10.70 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:284 Resp: 403403
Ion Ratio Lower Upper
284 100
142 20.8 27.6 41.4#
249 28.8 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

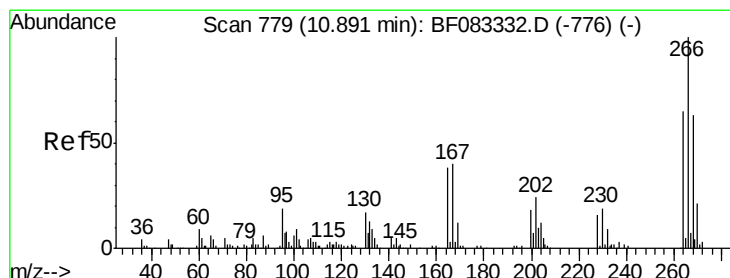
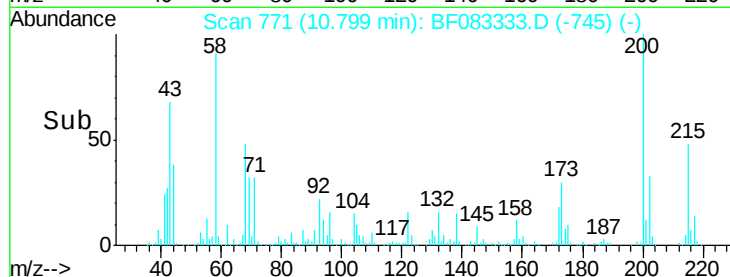
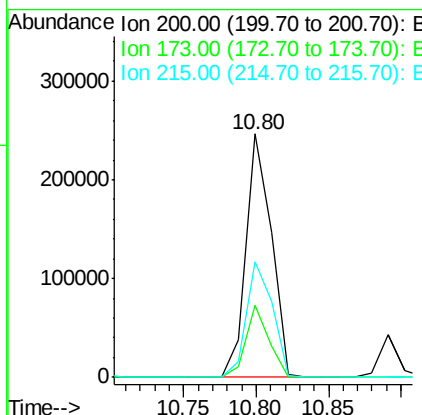
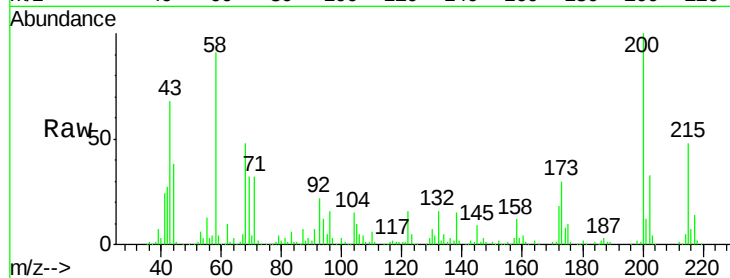




#68
Atrazine
Concen: 45.11 ng
RT: 10.80 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

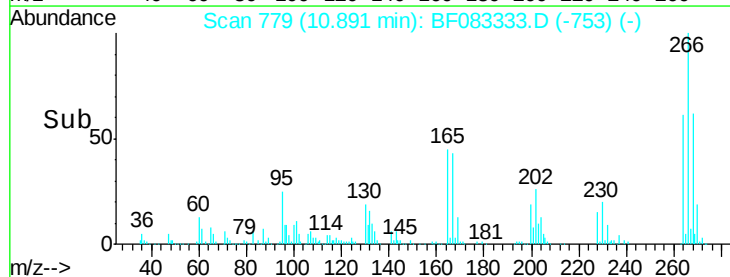
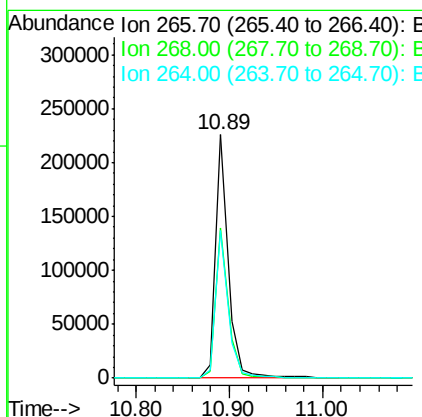
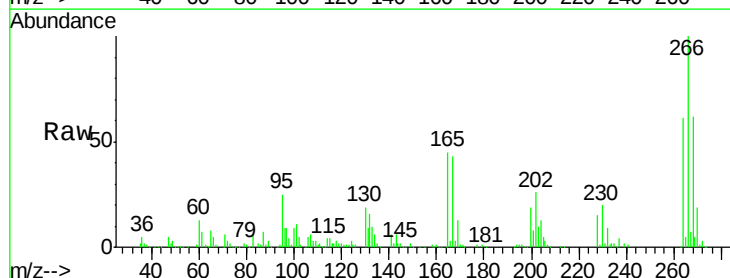
Instrument :
BNA_F
ClientSampleId :

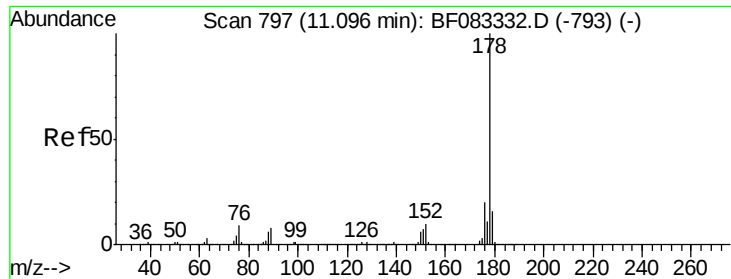
Tot Ion:200 Resp: 299413
Ion Ratio Lower Upper
200 100
173 29.7 7.2 47.2
215 47.6 25.7 65.7



#69
Pentachlorophenol
Concen: 63.48 ng
RT: 10.89 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:266 Resp: 214209
Ion Ratio Lower Upper
266 100
268 61.9 51.4 77.0
264 60.9 51.7 77.5

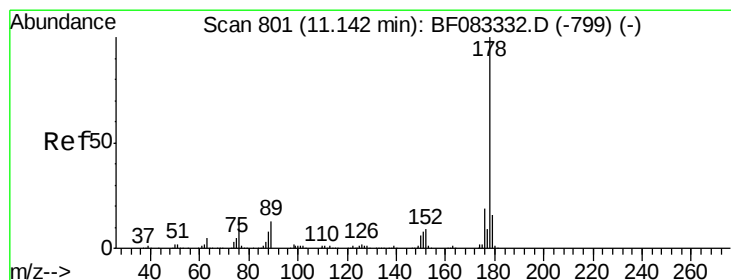
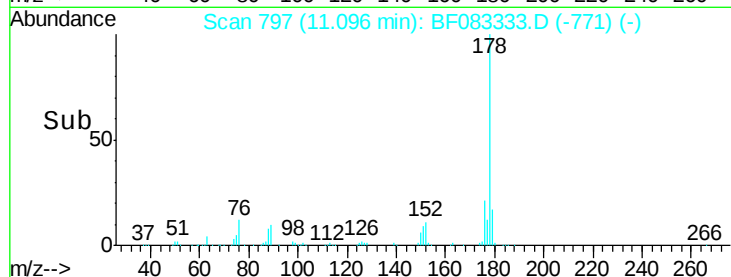
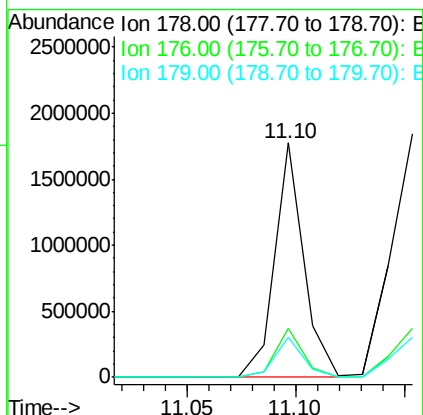
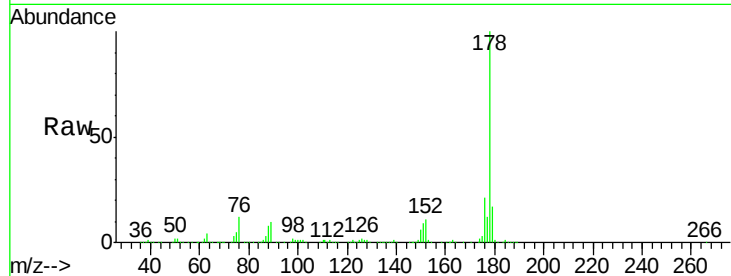




#70
Phenanthrene
Concen: 42.41 ng
RT: 11.10 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

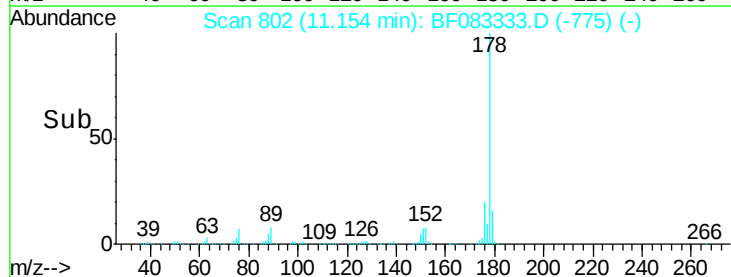
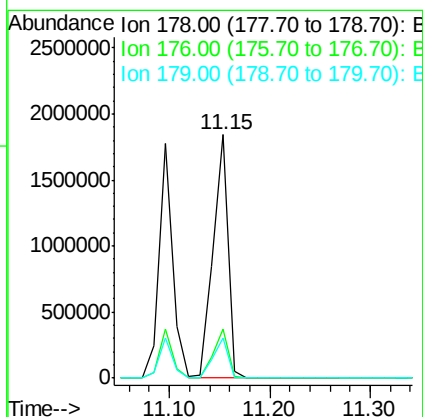
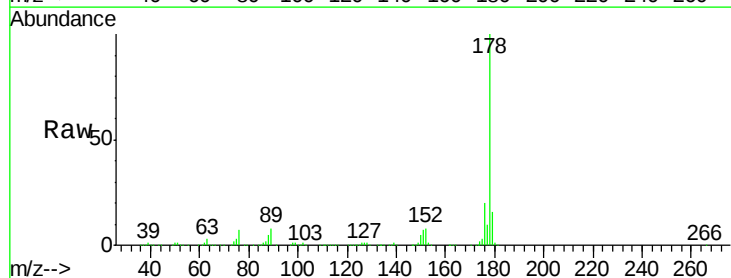
Instrument :
BNA_F
ClientSampled :

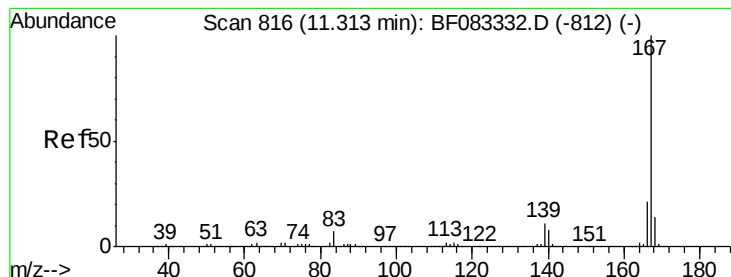
Tot Ion:178 Resp: 1661783
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 16.9 12.8 19.2



#71
Anthracene
Concen: 47.23 ng
RT: 11.15 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:178 Resp: 1907216
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.5 13.2 19.8





#72

Carbazole

Concen: 49.62 ng

RT: 11.31 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

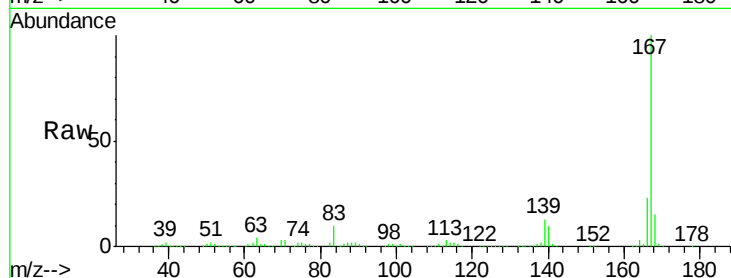
Tot Ion:167 Resp: 1673481

Ion Ratio Lower Upper

167 100

166 23.1 18.0 27.0

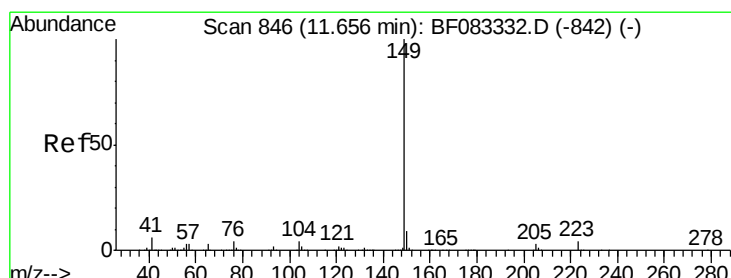
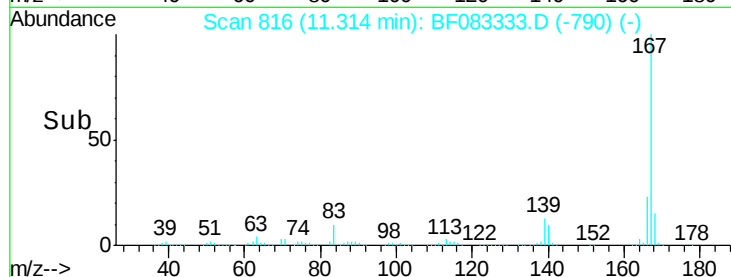
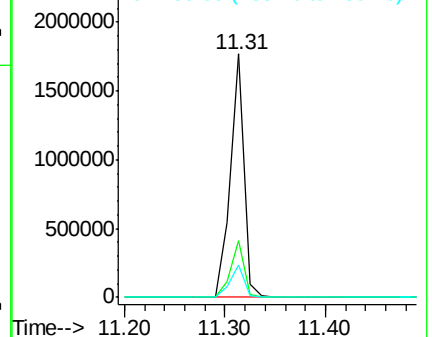
139 13.4 10.5 15.7



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: 50.97 ng

RT: 11.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

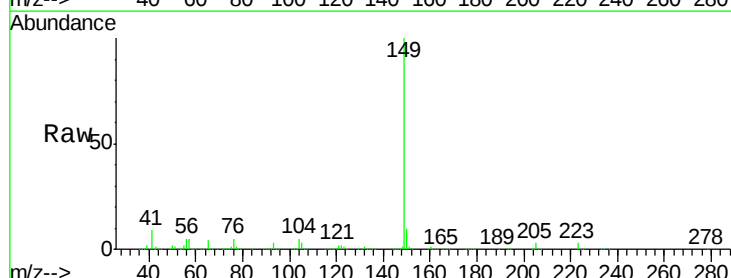
Tgt Ion:149 Resp: 2041362

Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

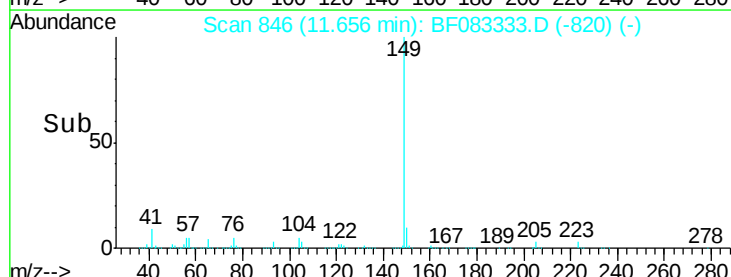
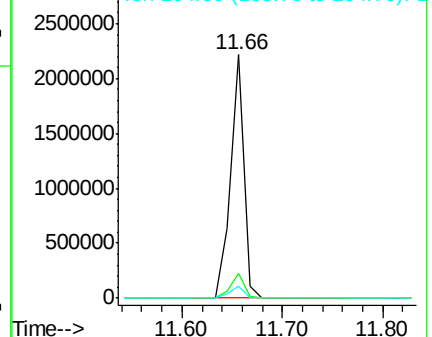
104 5.1 4.4 6.6

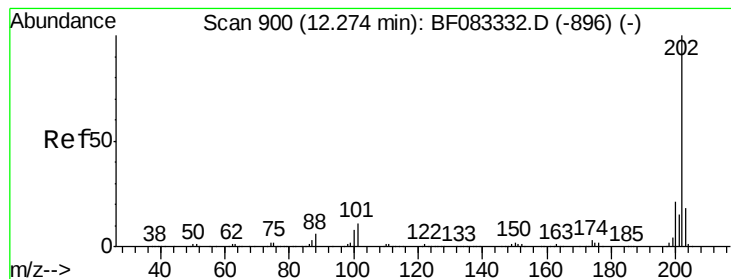


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.76 ng

RT: 12.27 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampled :

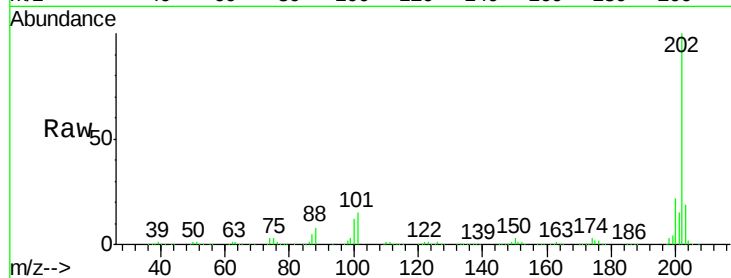
Tot Ion:202 Resp: 1671113

Ion Ratio Lower Upper

202 100

101 15.1 0.0 32.3

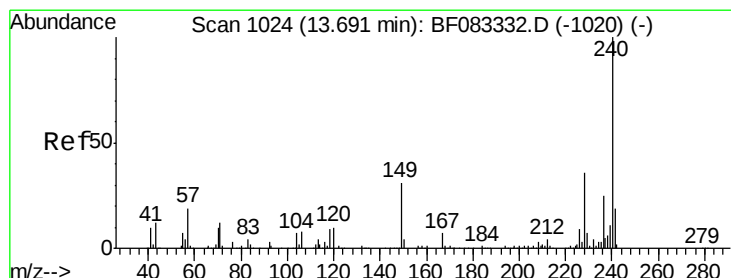
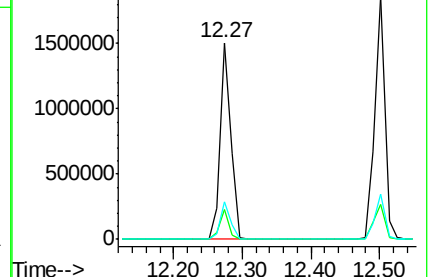
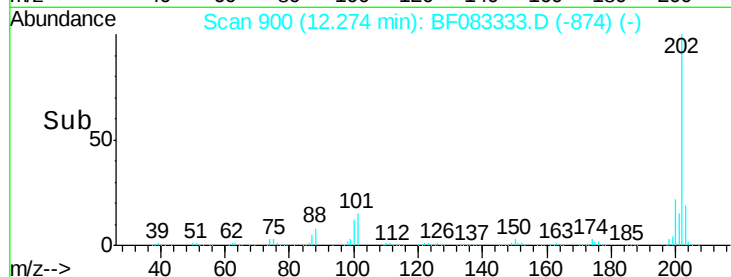
203 19.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

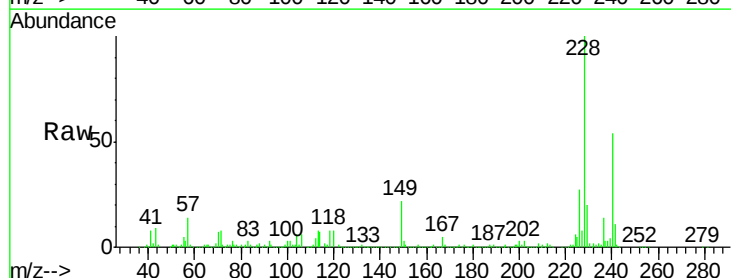
Tgt Ion:240 Resp: 443201

Ion Ratio Lower Upper

240 100

120 15.6 5.4 8.2#

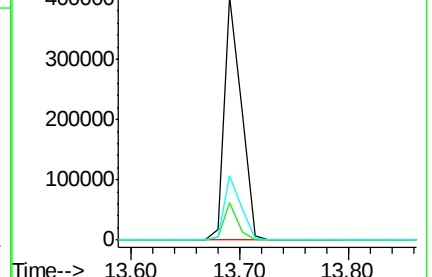
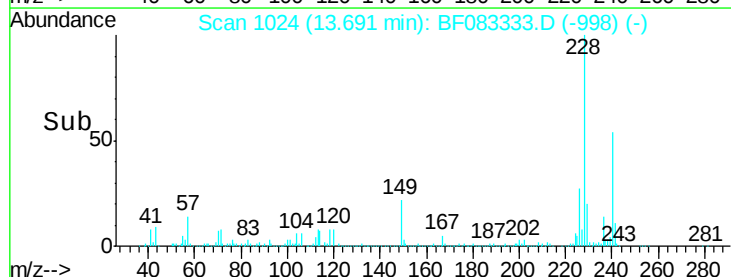
236 26.5 20.6 31.0

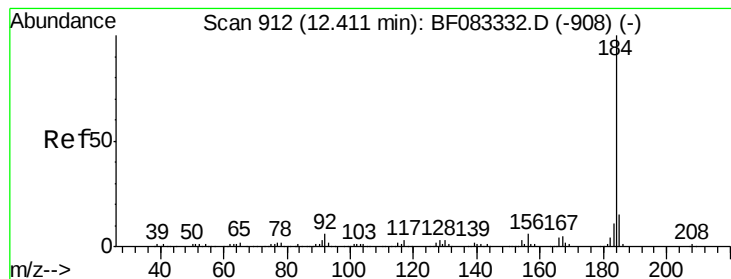


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 50.66 ng

RT: 12.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

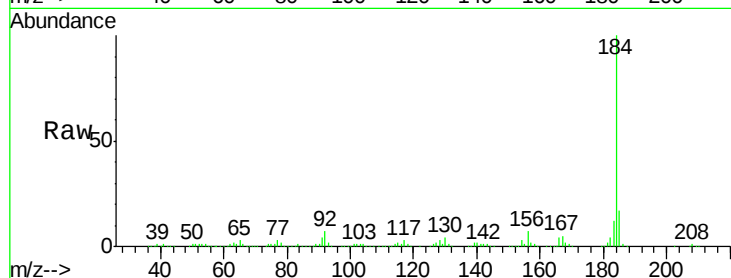
Tot Ion:184 Resp: 825447

Ion Ratio Lower Upper

184 100

185 16.7 11.7 17.5

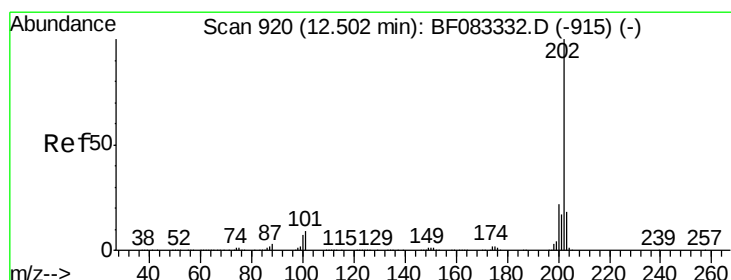
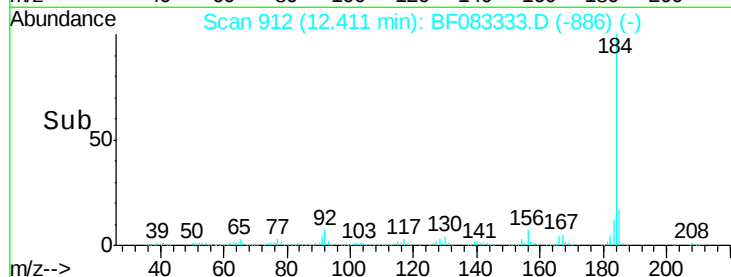
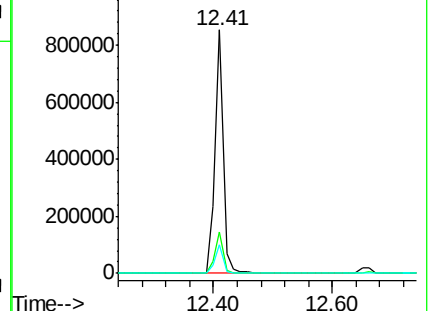
183 11.6 8.8 13.2



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: 49.16 ng

RT: 12.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

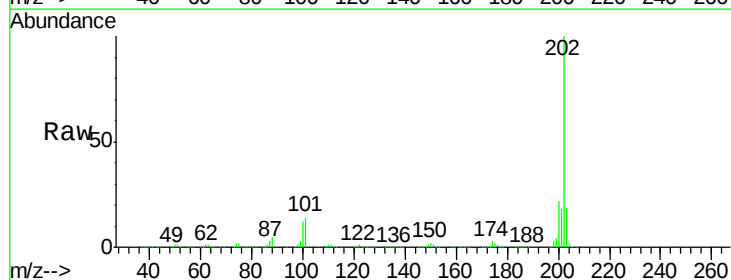
Tgt Ion:202 Resp: 1860623

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

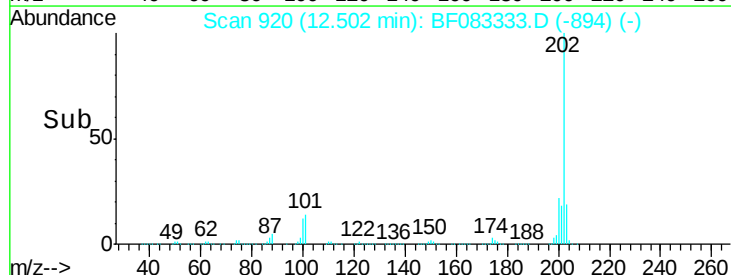
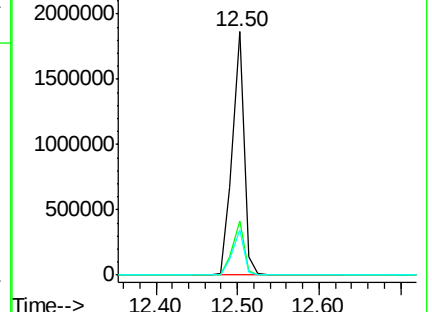
203 18.7 15.0 22.4

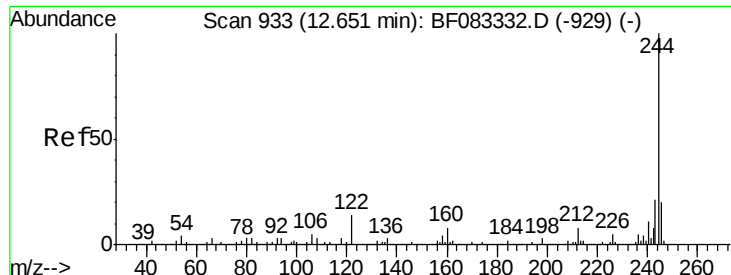


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

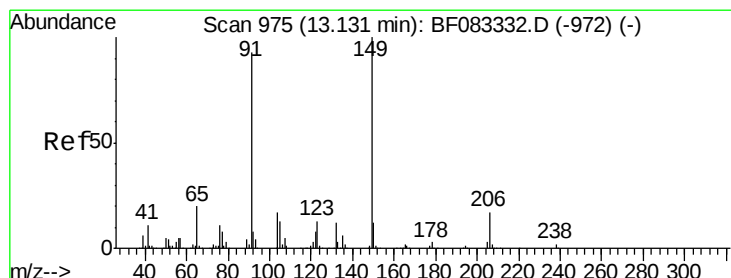
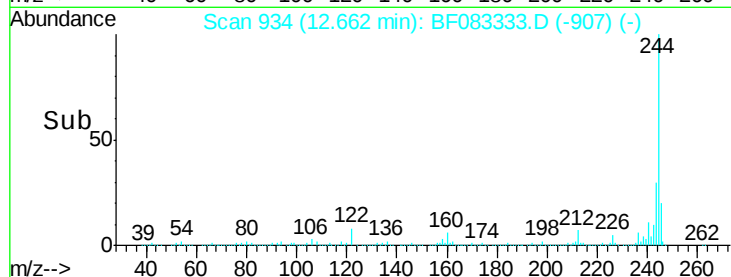
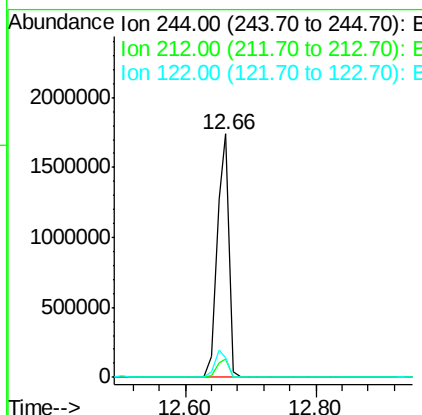
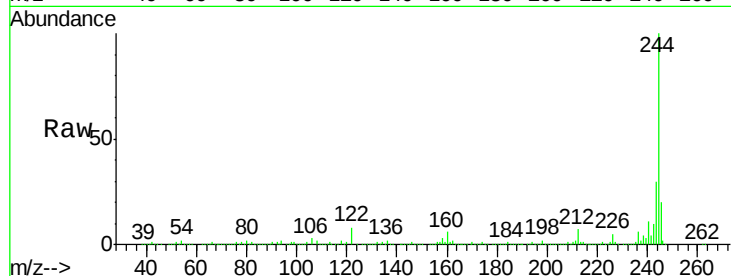




#78
 Terphenyl-d14
 Concen: 48.37 ng
 RT: 12.66 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

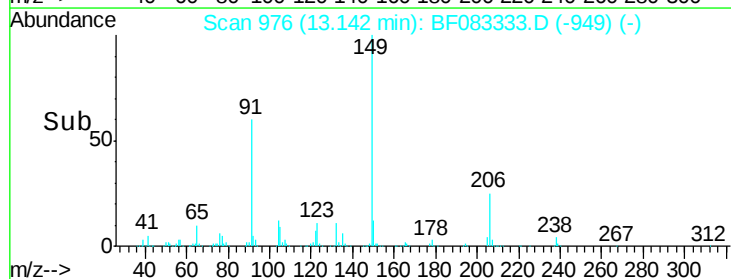
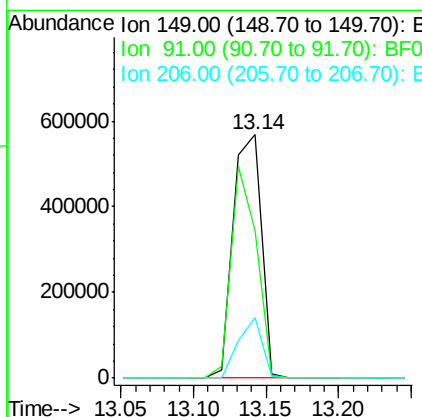
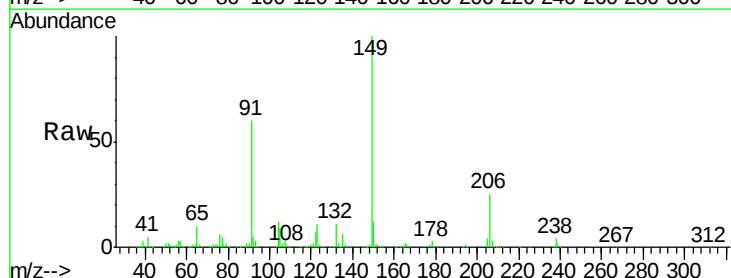
Instrument :
 BNA_F
 ClientSampleId :

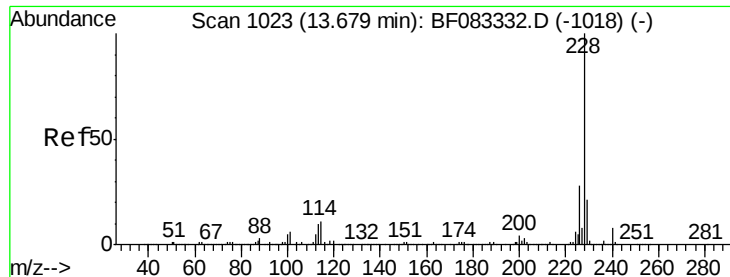
Tot Ion:244 Resp: 2203445
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 8.3 4.3 6.5#



#79
 Butylbenzylphthalate
 Concen: 56.92 ng
 RT: 13.14 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BF083333.D
 Acq: 27 Nov 2015 17:06

Tgt Ion:149 Resp: 768290
 Ion Ratio Lower Upper
 149 100
 91 60.4 61.5 92.3#
 206 25.0 15.3 22.9#





#80

Benzo(a)anthracene

Concen: 50.89 ng

RT: 13.68 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

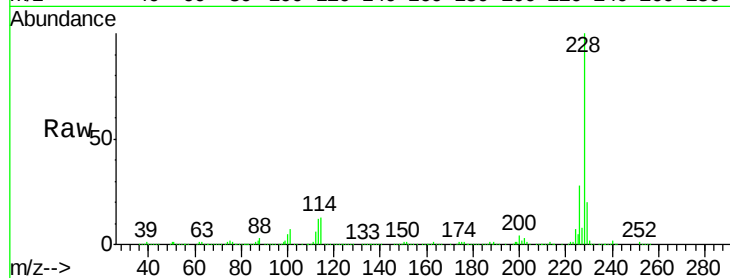
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1435682

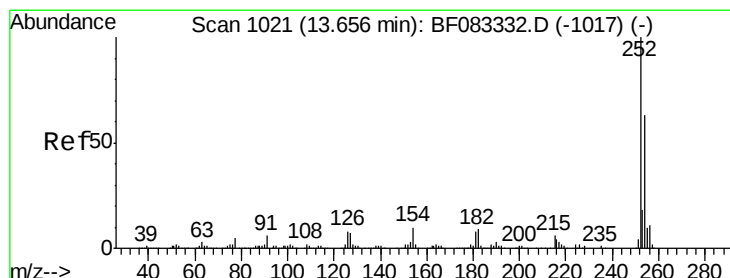
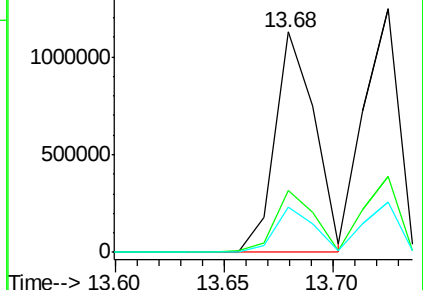
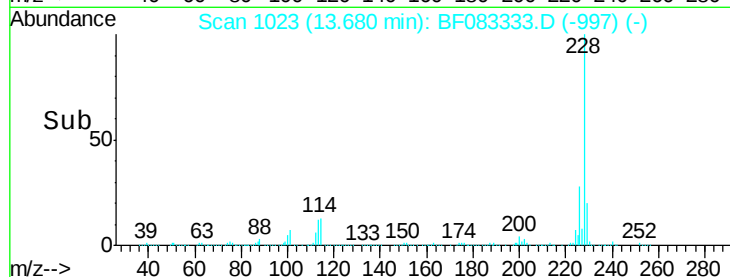
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 50.94 ng

RT: 13.66 min Scan# 1021

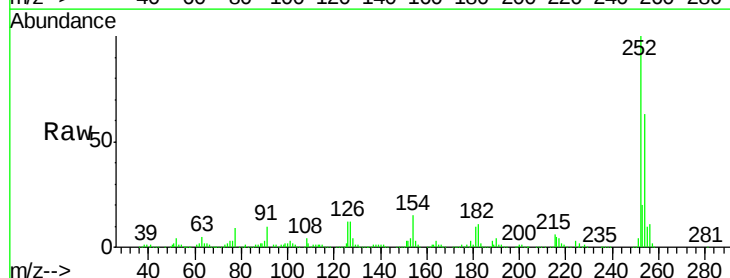
Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Tgt Ion:252 Resp: 446444

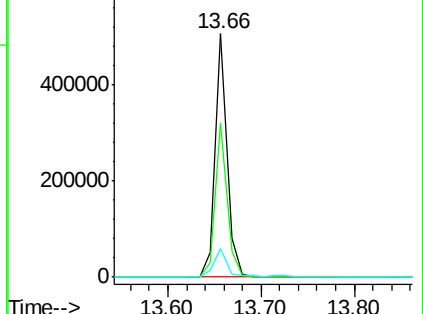
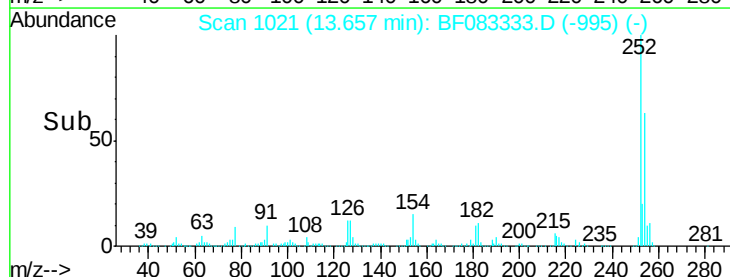
Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	11.9	5.2	7.8#

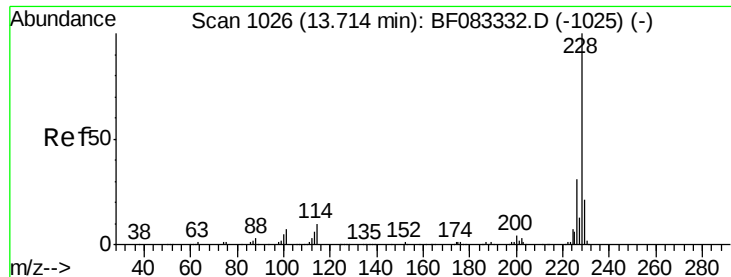


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.08 ng

RT: 13.73 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

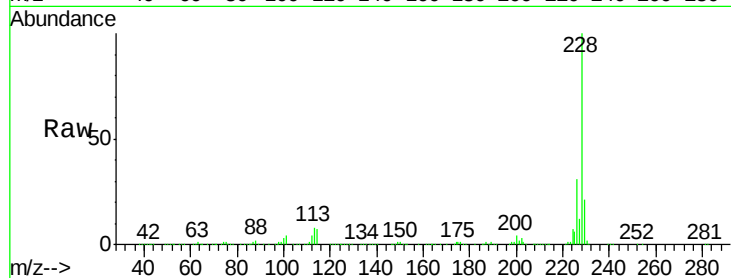
Tot Ion:228 Resp: 1397782

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

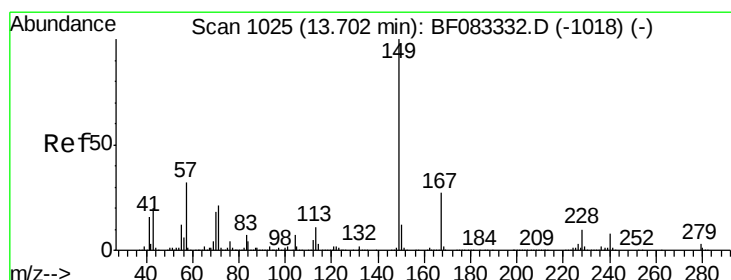
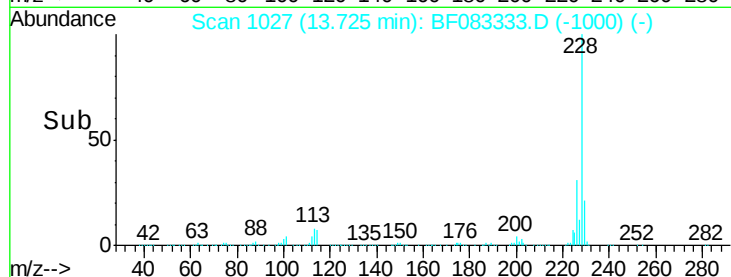
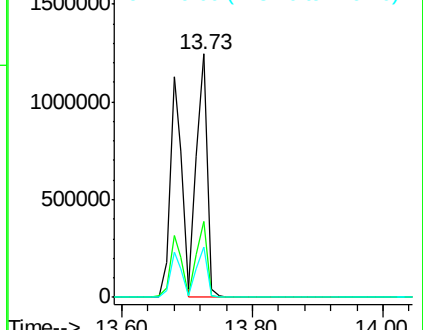
229 20.5 16.6 25.0



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: 54.88 ng

RT: 13.70 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

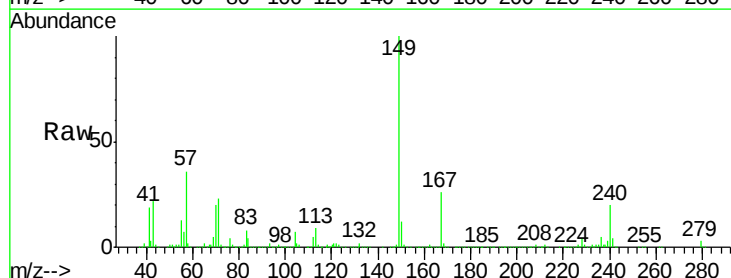
Tgt Ion:149 Resp: 929144

Ion Ratio Lower Upper

149 100

167 26.2 20.1 30.1

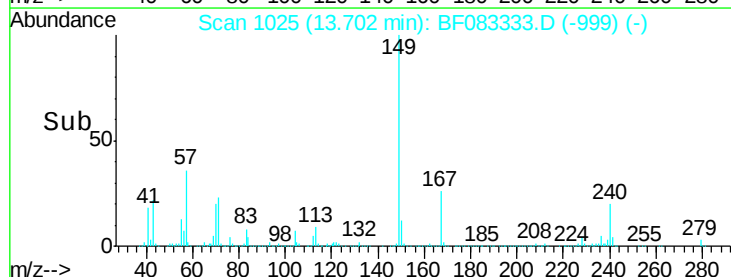
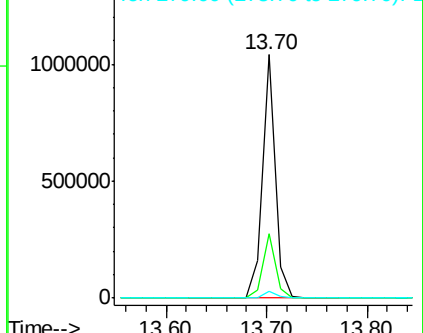
279 2.8 1.7 2.5#

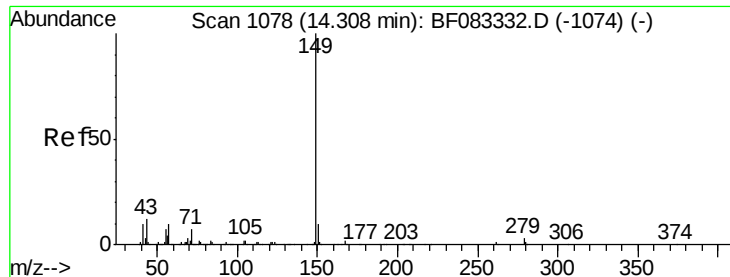


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.35 ng

RT: 14.31 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

Instrument :

BNA_F

ClientSampleId :

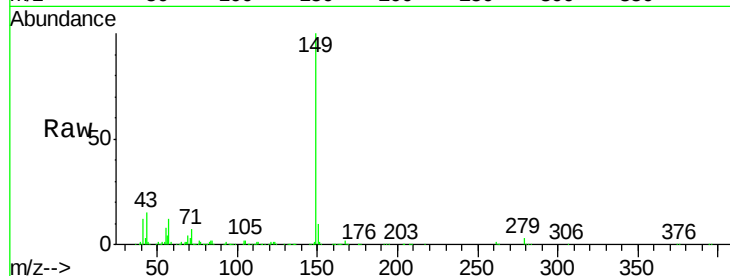
Tot Ion:149 Resp: 1313802

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

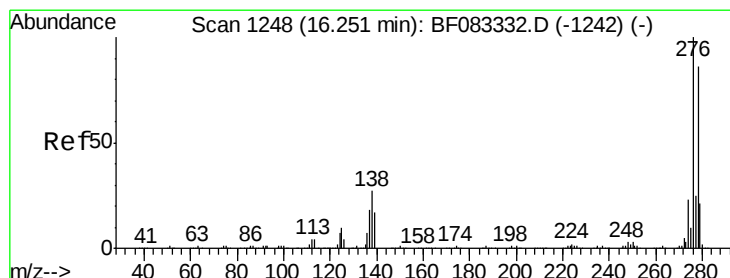
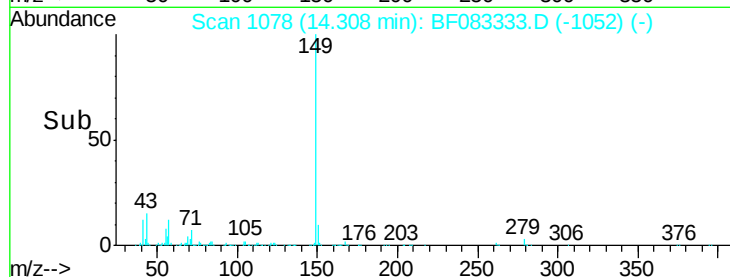
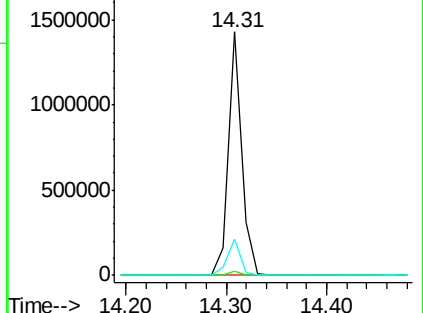
43 14.9 9.5 14.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.84 ng

RT: 16.25 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF083333.D

Acq: 27 Nov 2015 17:06

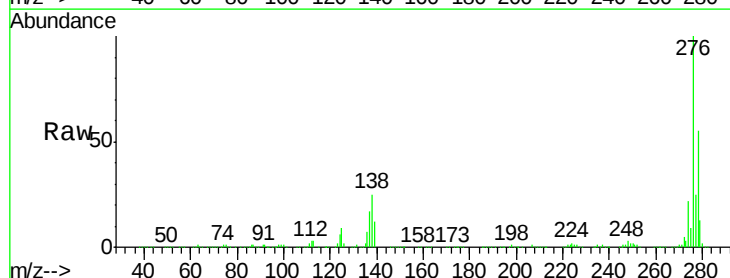
Tgt Ion:276 Resp: 1279374

Ion Ratio Lower Upper

276 100

138 26.0 18.0 27.0

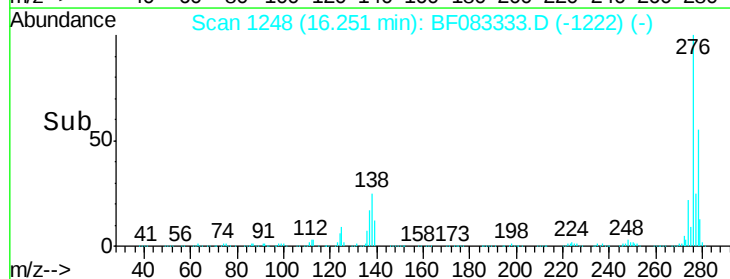
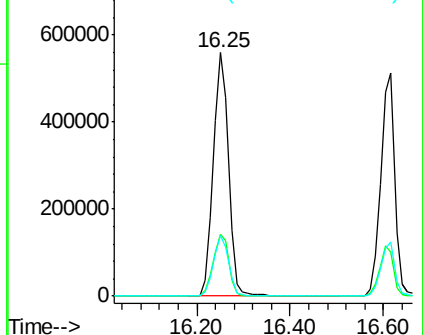
277 24.8 20.2 30.4

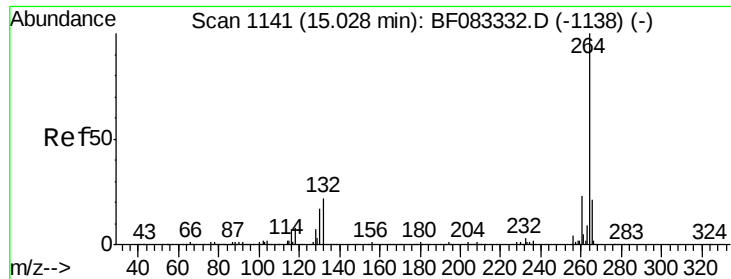


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

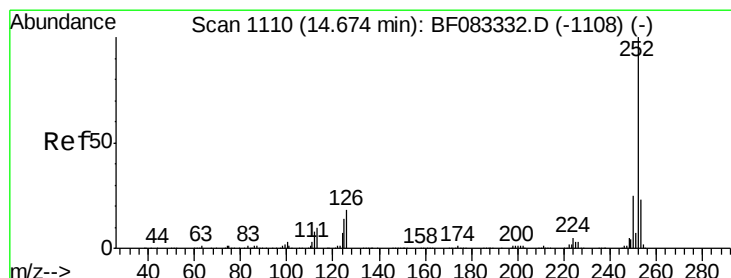
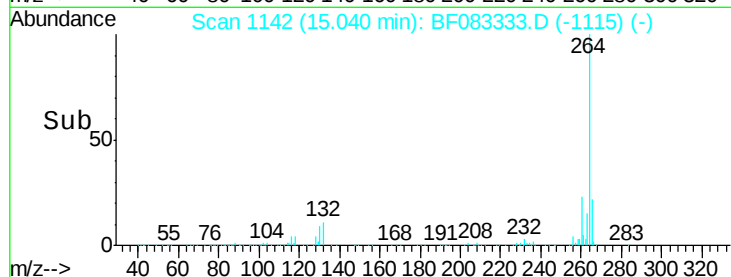
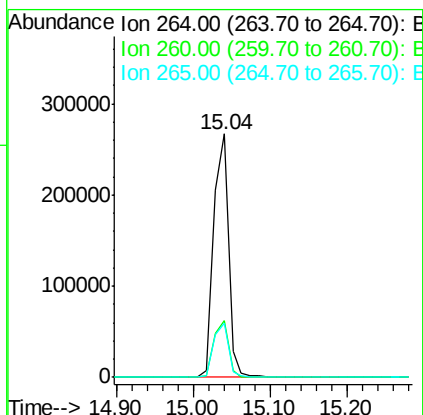
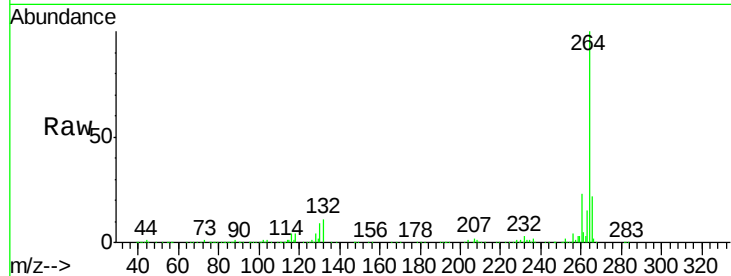




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

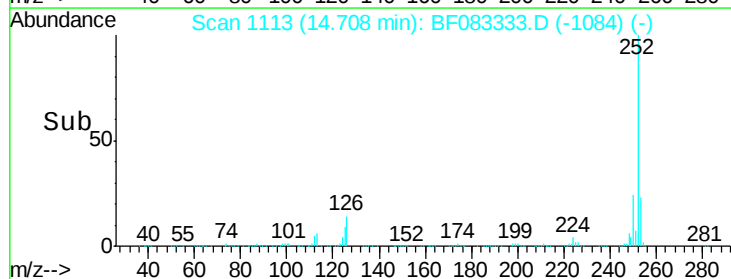
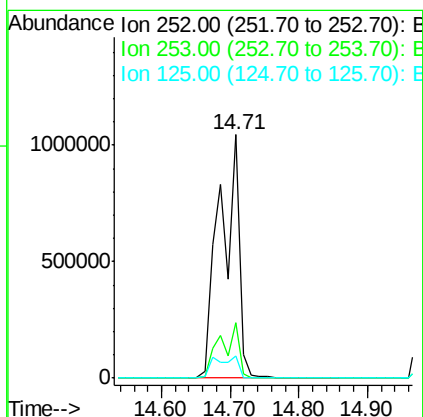
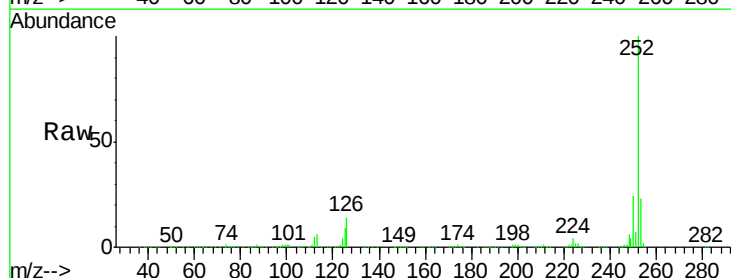
Instrument :
BNA_F
ClientSampleId :

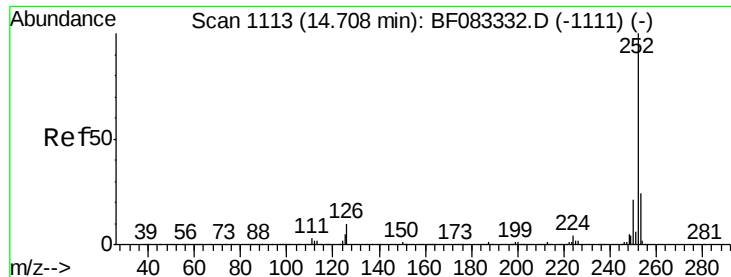
Tot Ion:264 Resp: 356740
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 22.1 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 84.37 ng
RT: 14.71 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:252 Resp: 2086159
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.2 5.6 8.4#

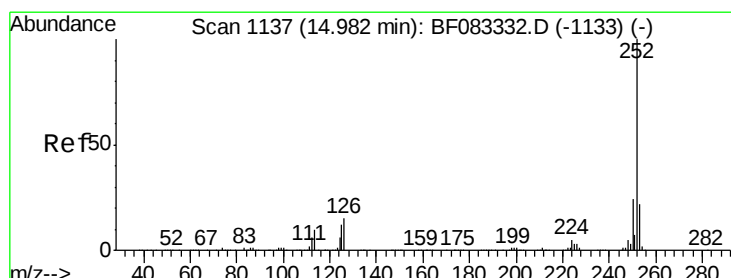
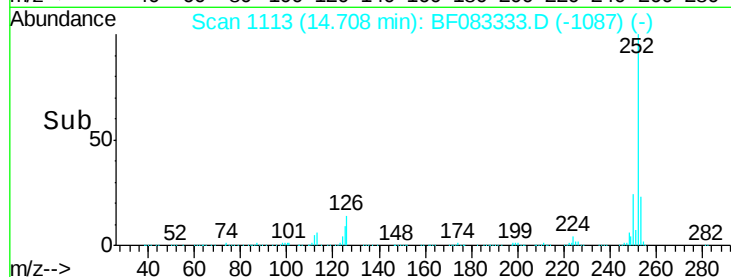
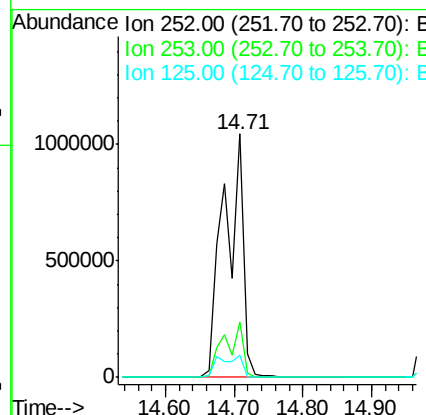
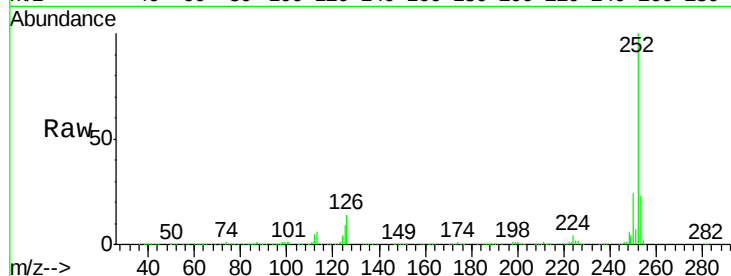




#88
Benzo(k)fluoranthene
Concen: 105.78 ng
RT: 14.71 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

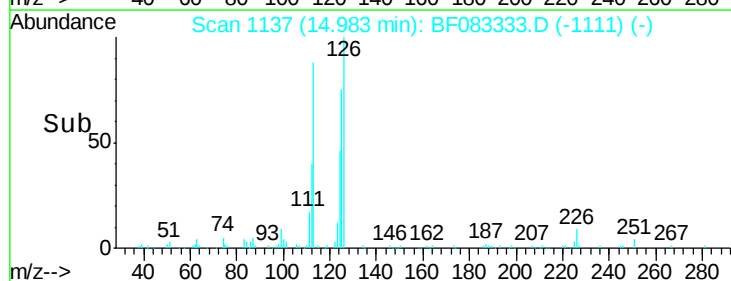
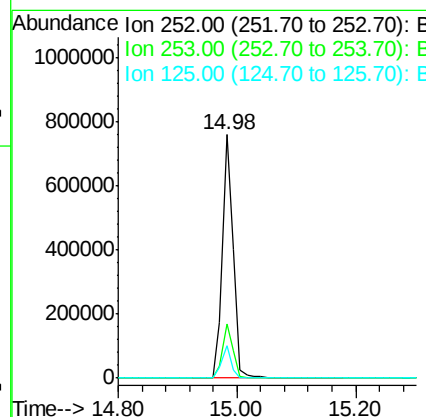
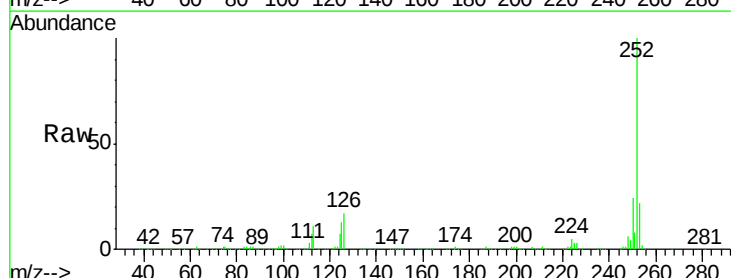
Instrument :
BNA_F
ClientSampleId :

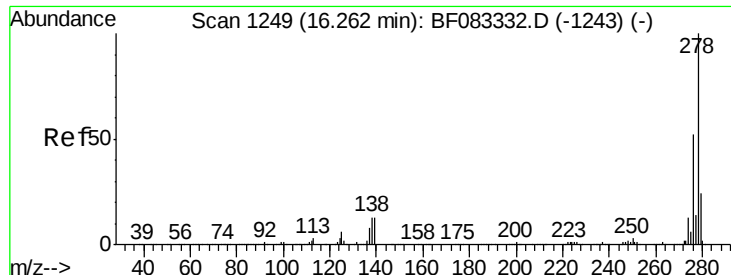
Tot Ion:252 Resp: 2086159
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.2 6.8 10.2



#89
Benzo(a)pyrene
Concen: 47.91 ng
RT: 14.98 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:252 Resp: 948888
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.4 5.4 8.0#



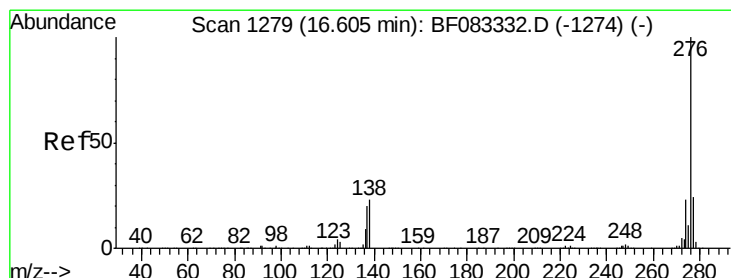
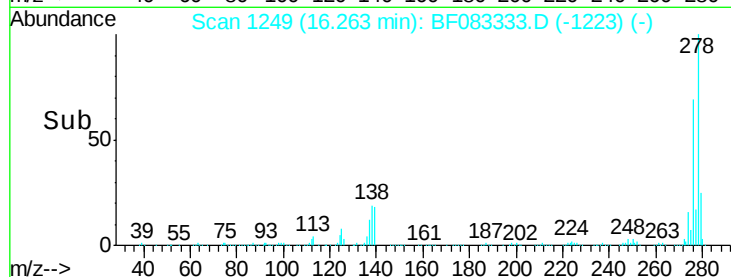
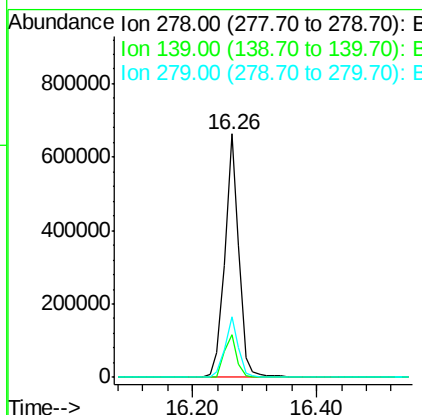
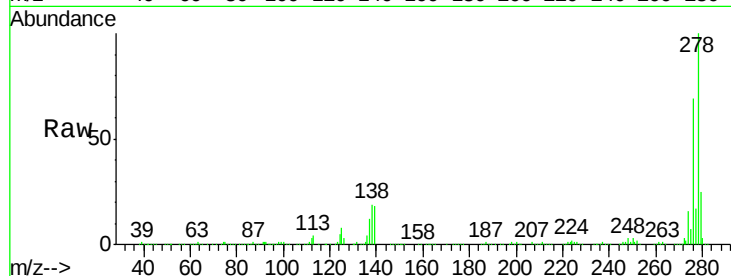


#90
Dibenzo(a,h)anthracene
Concen: 46.70 ng
RT: 16.26 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1036212

Ion	Ratio	Lower	Upper
278	100		
139	17.6	10.7	16.1#
279	24.7	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 47.97 ng
RT: 16.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF083333.D
Acq: 27 Nov 2015 17:06

Tgt Ion:276 Resp: 1071349

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	19.6	13.9	20.9

