

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081062.D
 Acq On : 19 Aug 2015 1:40
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 02:12:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	62042	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	263496	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	128040	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	245781	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	189638	20.00	ng	-0.01
86) Perylene-d12	15.07	264	166768	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	328844	79.72	ng	-0.02
7) Phenol-d6	6.25	99	449736	83.56	ng	-0.01
23) Nitrobenzene-d5	7.19	82	479407	83.11	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	82381	74.22	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	696047	71.23	ng	-0.02
78) Terphenyl-d14	12.70	244	812047	91.80	ng	-0.01

Target Compounds				Qvalue		
3) Pyridine	2.64	79	241787	44.07	ng	85
4) n-Nitrosodimethylamine	2.60	42	126456	41.40	ng	# 77
6) Aniline	6.27	93	328112	41.93	ng	# 65
8) 2-Chlorophenol	6.39	128	188057	41.65	ng	99
9) Benzaldehyde	6.15	77	149869	43.20	ng	96
10) Phenol	6.27	94	258441	40.66	ng	90
11) bis(2-Chloroethyl)ether	6.35	93	209886	43.03	ng	94
12) 1,3-Dichlorobenzene	6.55	146	213704	44.05	ng	98
13) 1,4-Dichlorobenzene	6.63	146	214909	44.74	ng	99
14) 1,2-Dichlorobenzene	6.78	146	176846	39.33	ng	98
15) Benzyl Alcohol	6.76	79	192356	44.17	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	395640	41.28	ng	100
17) 2-Methylphenol	6.88	107	159946	41.29	ng	96
18) Hexachloroethane	7.12	117	83000	42.76	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	162824	43.67	ng	91
20) 3+4-Methylphenols	7.04	107	191053	38.86	ng	# 54
22) Acetophenone	7.03	105	257940	37.29	ng	# 90
24) Nitrobenzene	7.20	77	221865	36.79	ng	97
25) Isophorone	7.45	82	454505	42.25	ng	96
26) 2-Nitrophenol	7.52	139	114787	45.77	ng	# 70
27) 2,4-Dimethylphenol	7.56	122	161638	36.43	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	274025	43.12	ng	99
29) 2,4-Dichlorophenol	7.76	162	151870	40.65	ng	90
30) 1,2,4-Trichlorobenzene	7.84	180	161168	38.82	ng	96
31) Naphthalene	7.92	128	610409	41.56	ng	98
32) Benzoic acid	7.70	122	102953	41.25	ng	93
33) 4-Chloroaniline	7.98	127	269909	43.55	ng	# 88
34) Hexachlorobutadiene	8.04	225	101938	43.42	ng	98
35) Caprolactam	8.36	113	57385	43.95	ng	# 78
36) 4-Chloro-3-methylphenol	8.47	107	199330	44.77	ng	91
37) 2-Methylnaphthalene	8.60	142	361287	38.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	168575	40.81	ng	99
40) Hexachlorocyclopentadiene	8.76	237	89989	42.09	ng	99
42) 2,4,6-Trichlorophenol	8.89	196	119937	41.10	ng	98

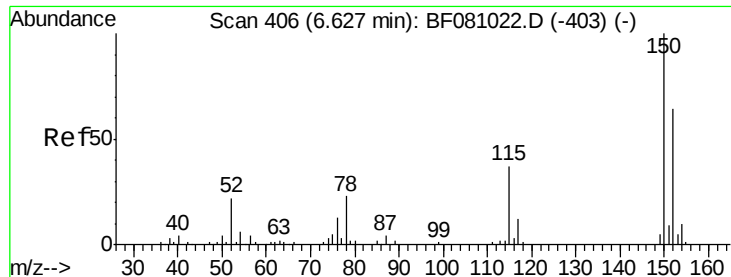
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	108730	37.28	nq	# 89
45) 1,1'-Biphenyl	9.07	154	472765	41.92	nq	97
46) 2-Chloronaphthalene	9.10	162	364139	40.19	nq	99
47) 2-Nitroaniline	9.19	65	133641	36.04	nq	98
48) Acenaphthylene	9.51	152	611284	37.72	nq	100
49) Dimethylphthalate	9.38	163	378077	35.85	nq	99
50) 2,6-Dinitrotoluene	9.44	165	83548	36.90	nq	# 73
51) Acenaphthene	9.68	154	393695	40.57	nq	100
52) 3-Nitroaniline	9.61	138	112612	39.75	nq	# 64
53) 2,4-Dinitrophenol	9.71	184	52424	46.44	nq	# 45
54) Dibenzofuran	9.85	168	495323	38.09	nq	97
55) 4-Nitrophenol	9.77	139	76346	38.37	nq	# 82
56) 2,4-Dinitrotoluene	9.84	165	123850	41.27	nq	# 84
57) Fluorene	10.18	166	349255	34.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	90166	39.94	nq	99
59) Diethylphthalate	10.08	149	466719	41.82	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	166029	39.23	nq	99
61) 4-Nitroaniline	10.22	138	106276	36.70	nq	92
62) Azobenzene	10.34	77	540639	42.04	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	66902	45.58	nq	94
65) n-Nitrosodiphenylamine	10.31	169	389444	44.39	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	105340	43.63	nq	99
67) Hexachlorobenzene	10.73	284	112226	45.89	nq	96
68) Atrazine	10.83	200	100489	41.11	nq	98
69) Pentachlorophenol	10.92	266	66122	45.07	nq	97
70) Phenanthrene	11.13	178	561259	38.53	nq	99
71) Anthracene	11.19	178	595523	42.01	nq	100
72) Carbazole	11.35	167	612013	44.85	nq	100
73) Di-n-butylphthalate	11.69	149	758911	45.96	nq	99
74) Fluoranthene	12.31	202	622931	39.63	nq	93
76) Benzidine	12.44	184	370957	51.78	nq	100
77) Pyrene	12.54	202	597890	38.78	nq	100
79) Butylbenzylphthalate	13.18	149	351305	53.01	nq	# 85
80) Benzo(a)anthracene	13.71	228	566674	44.56	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	173161	42.03	nq	99
82) Chrysene	13.76	228	509729	44.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	463656	54.63	nq	# 97
84) Di-n-octyl phthalate	14.34	149	788700	61.14	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	417815	51.92	nq	# 94
87) Benzo(b)fluoranthene	14.74	252	926083	78.51	nq	98
88) Benzo(k)fluoranthene	14.74	252	926083	84.25	nq	97
89) Benzo(a)pyrene	15.02	252	419242	40.79	nq	# 94
90) Dibenzo(a,h)anthracene	16.31	278	344169	42.97	nq	# 95
91) Benzo(g,h,i)perylene	16.66	276	328387	40.42	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

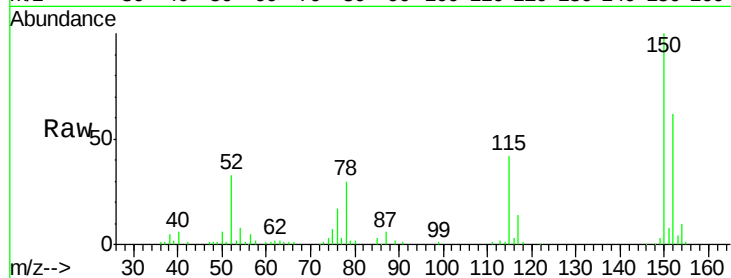
Tot Ion:152 Resp: 62042

Ion Ratio Lower Upper

152 100

150 161.2 123.8 185.6

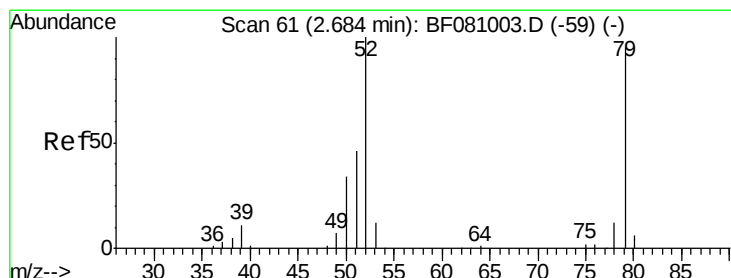
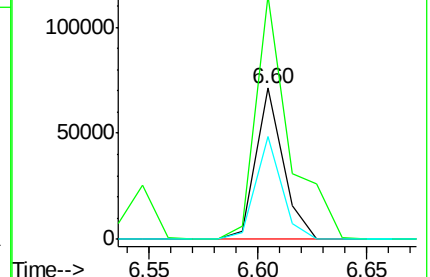
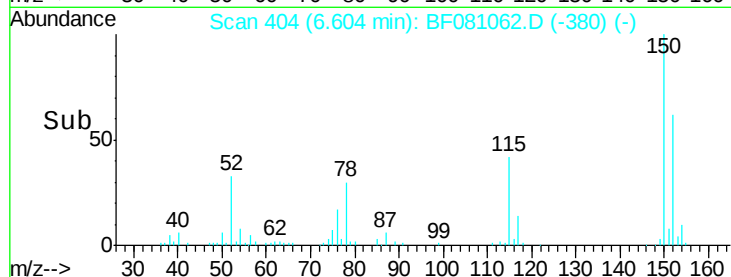
115 68.1 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 44.07 ng

RT: 2.64 min Scan# 57

Delta R.T. -0.08 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

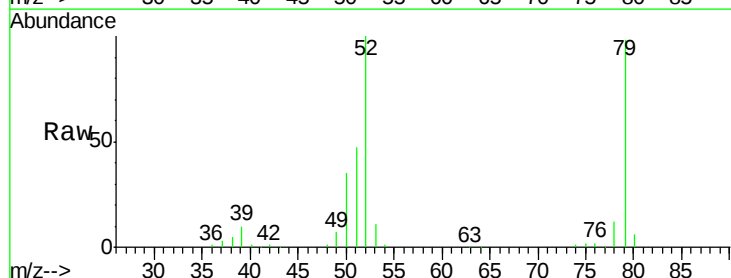
Tgt Ion: 79 Resp: 241787

Ion Ratio Lower Upper

79 100

52 102.6 95.1 142.7

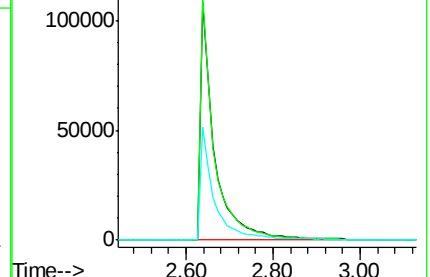
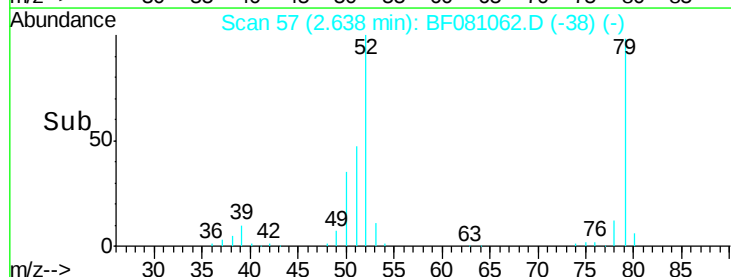
51 47.8 46.6 70.0

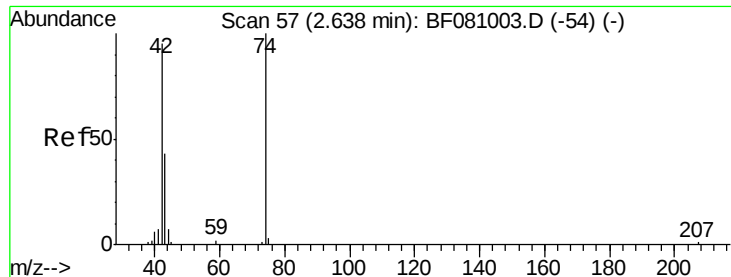


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 41.40 ng

RT: 2.60 min Scan# 54

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

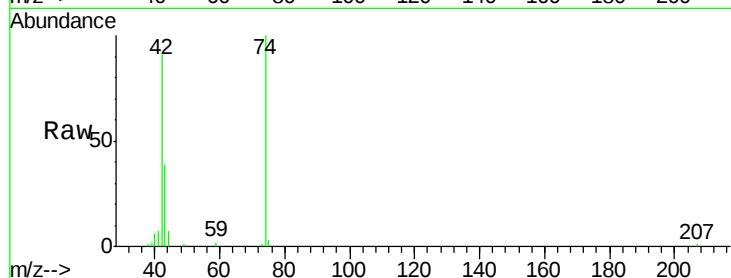
Tot Ion: 42 Resp: 126456

Ion Ratio Lower Upper

42 100

74 109.7 69.3 103.9#

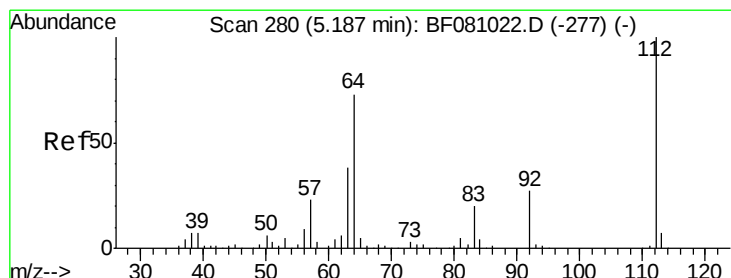
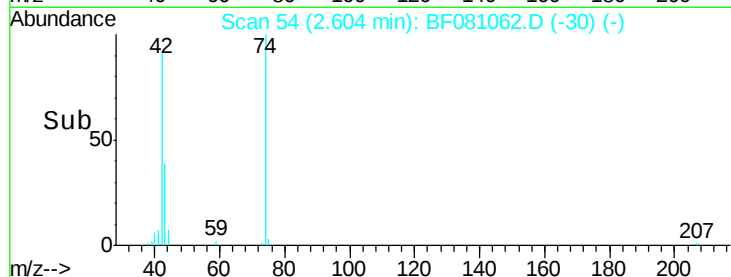
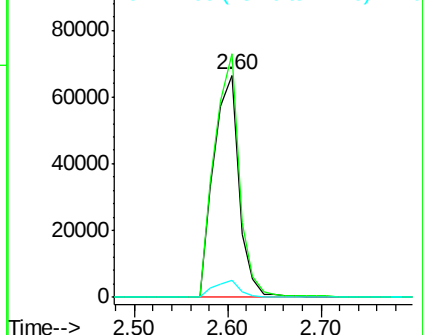
44 7.6 5.5 8.3



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: 79.72 ng

RT: 5.16 min Scan# 278

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

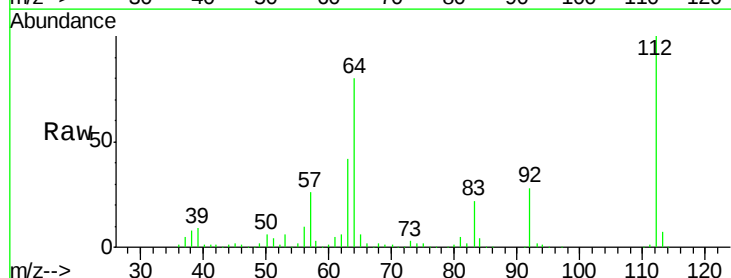
Tgt Ion: 112 Resp: 328844

Ion Ratio Lower Upper

112 100

64 80.1 66.9 100.3

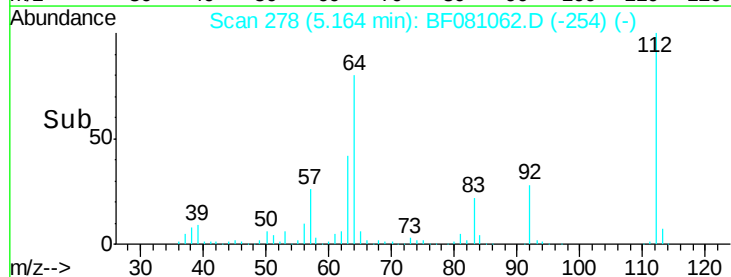
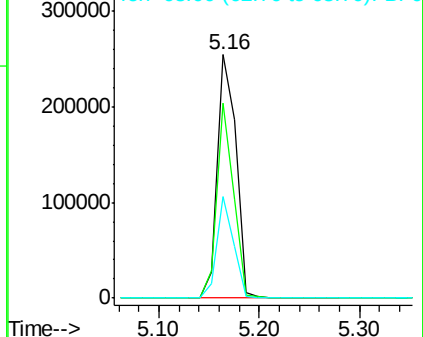
63 41.8 38.1 57.1

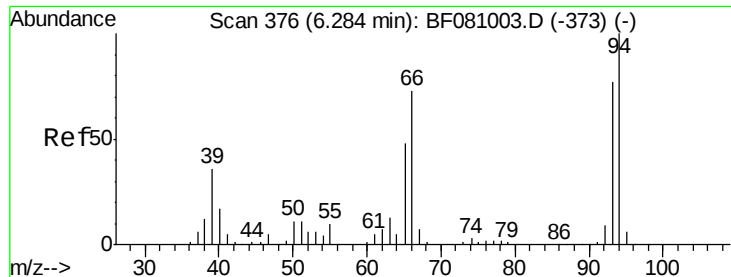


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 41.93 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

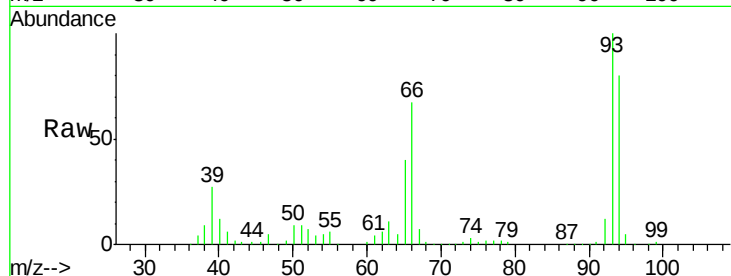
Tot Ion: 93 Resp: 328112

Ion Ratio Lower Upper

93 100

66 67.2 35.6 53.4#

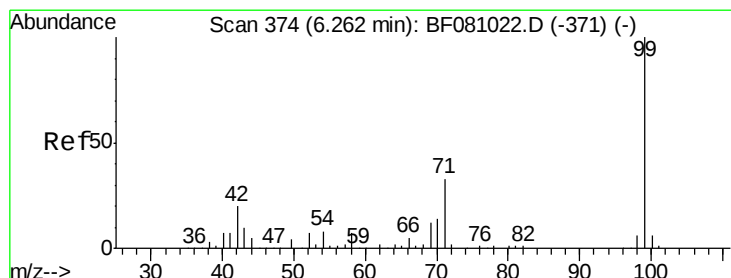
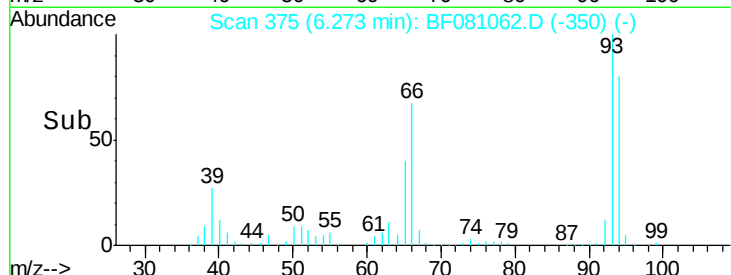
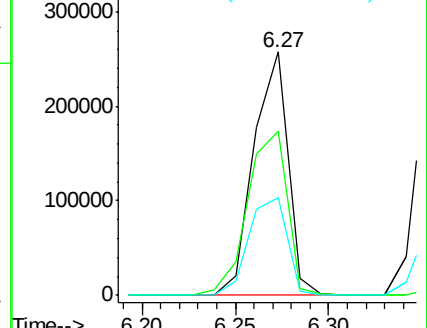
65 40.0 18.7 28.1#



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: 83.56 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

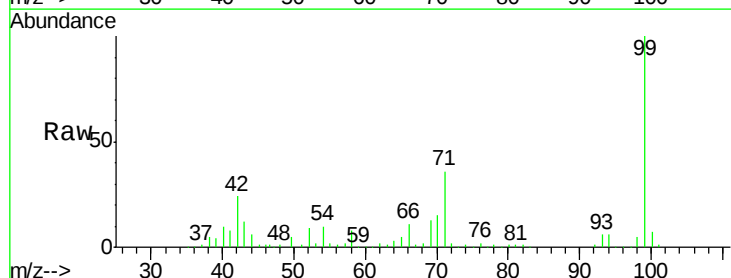
Tgt Ion: 99 Resp: 449736

Ion Ratio Lower Upper

99 100

42 23.8 19.6 29.4

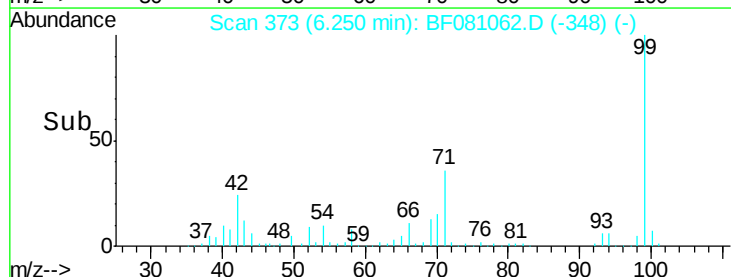
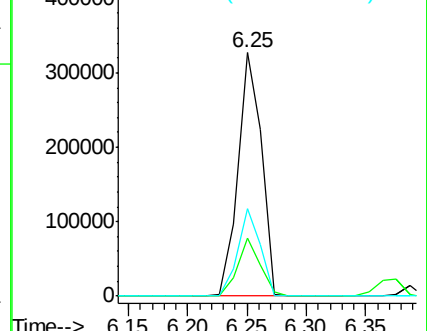
71 36.0 31.2 46.8

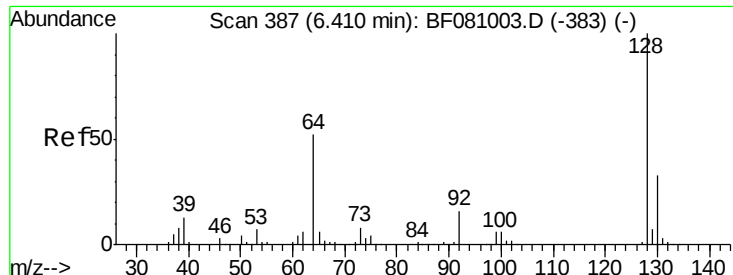


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 41.65 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampled :

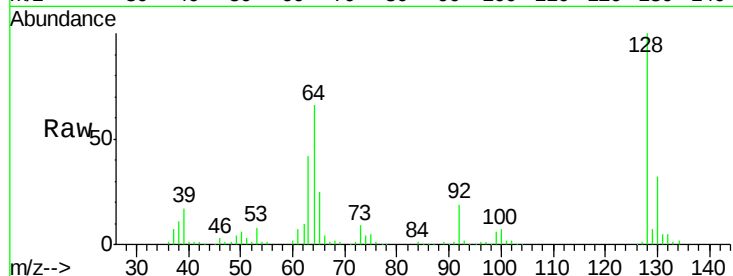
Tot Ion:128 Resp: 188057

Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

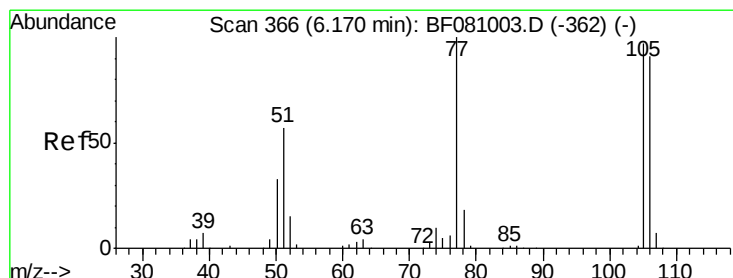
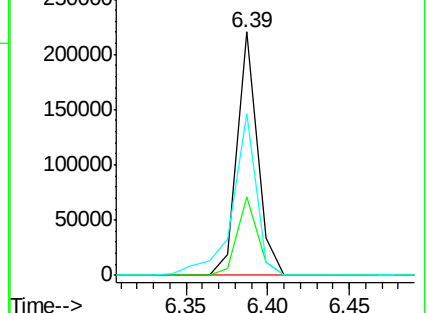
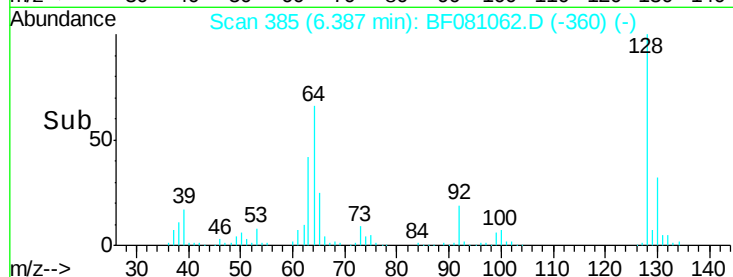
64 66.3 46.8 86.8



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: 43.20 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

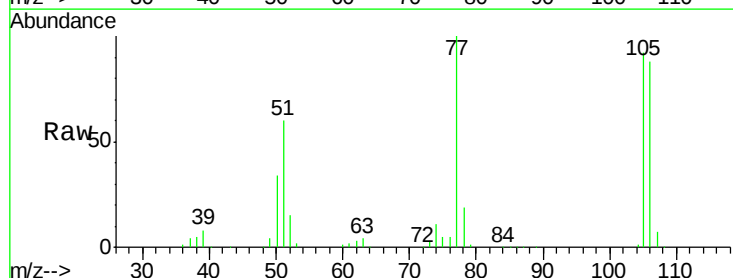
Tgt Ion: 77 Resp: 149869

Ion Ratio Lower Upper

77 100

105 92.1 69.6 109.6

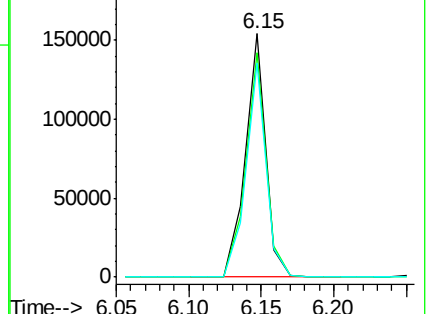
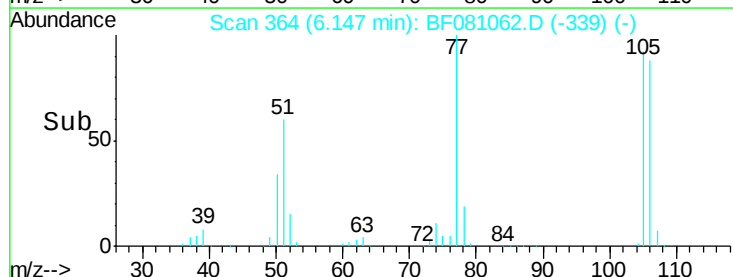
106 88.0 64.0 104.0

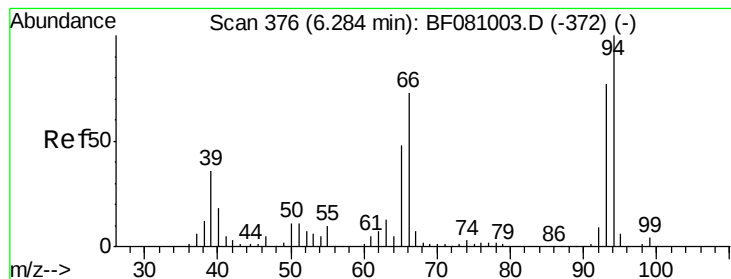


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.66 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

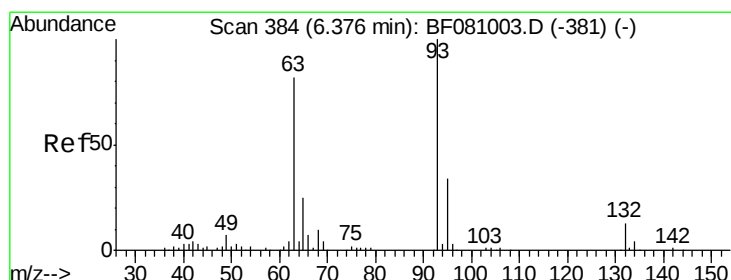
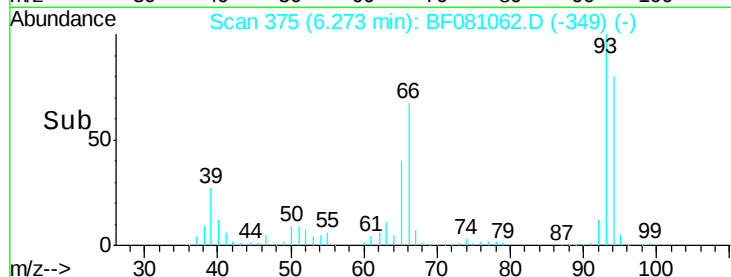
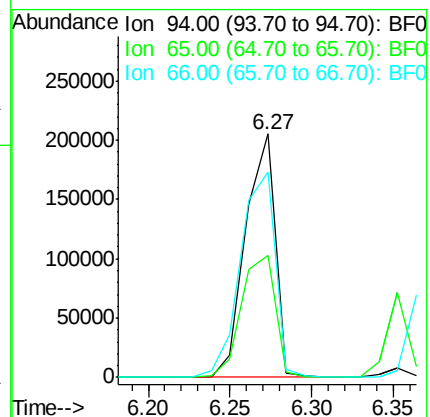
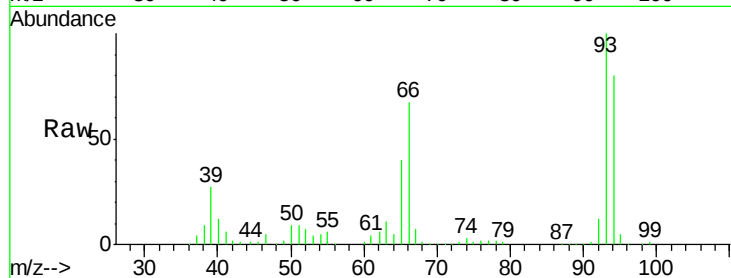
Tot Ion: 94 Resp: 258441

Ion Ratio Lower Upper

94 100

65 50.2 28.4 68.4

66 84.3 52.3 92.3



#11

bis(2-Chloroethyl)ether

Concen: 43.03 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

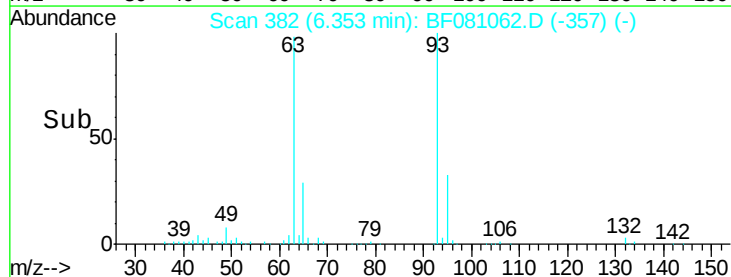
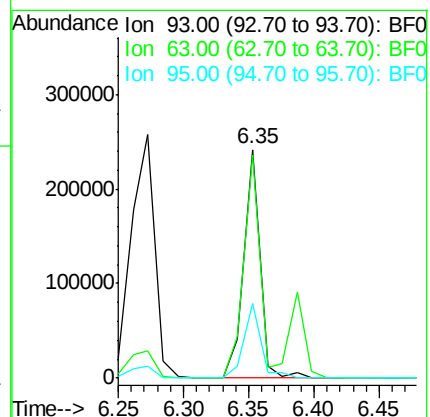
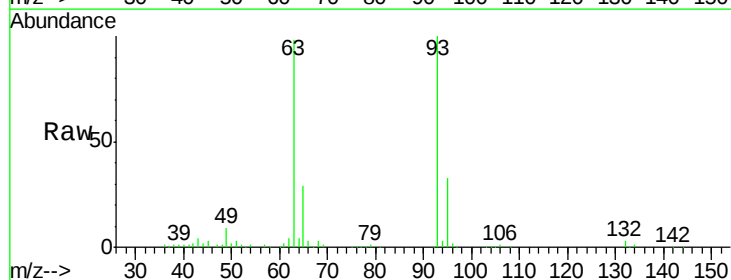
Tgt Ion: 93 Resp: 209886

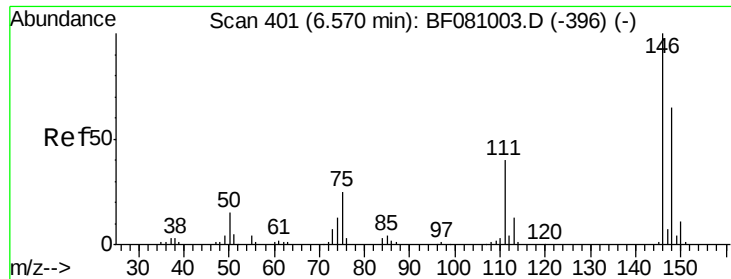
Ion Ratio Lower Upper

93 100

63 97.7 69.6 109.6

95 32.5 12.3 52.3

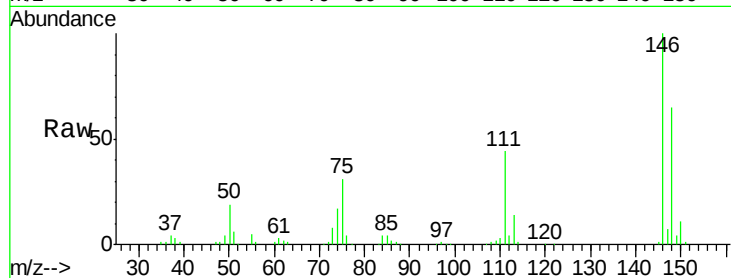




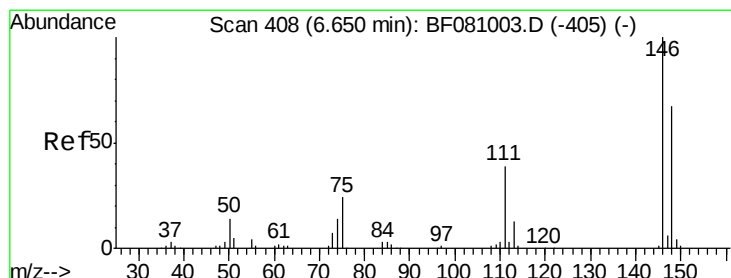
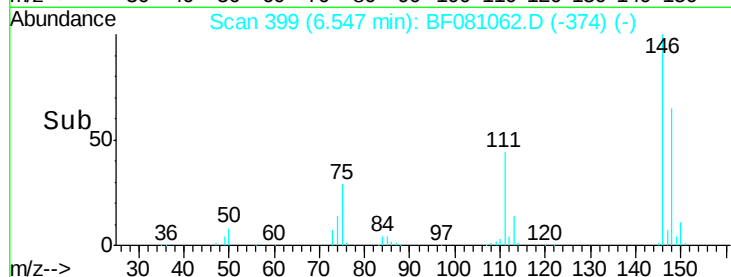
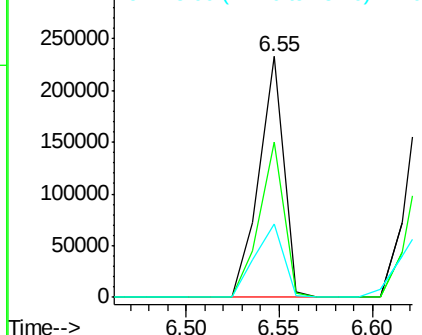
#12
 1,3-Dichlorobenzene
 Concen: 44.05 ng
 RT: 6.55 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 213704
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.3 79.9
 75 30.7 25.0 37.6

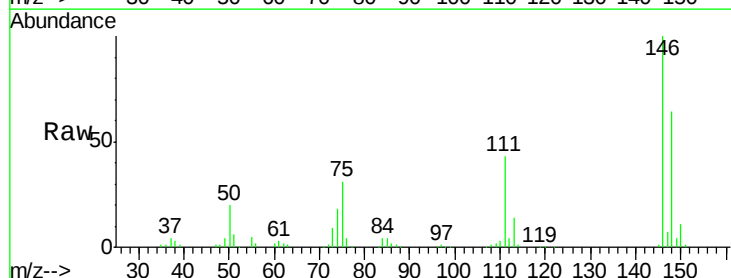


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

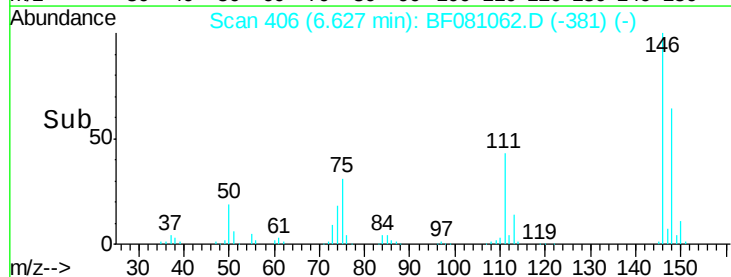
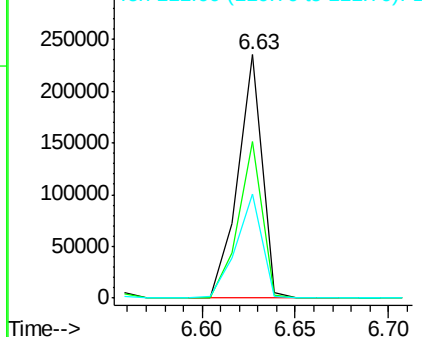


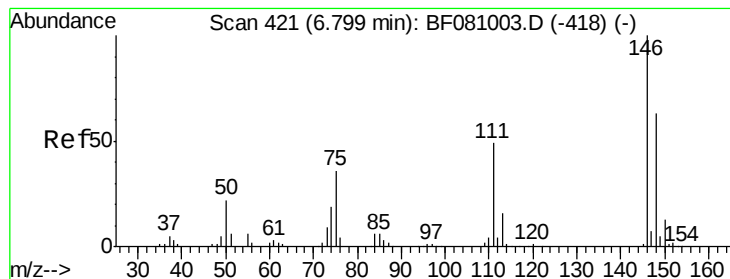
#13
 1,4-Dichlorobenzene
 Concen: 44.74 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion:146 Resp: 214909
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 42.8 34.4 51.6



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

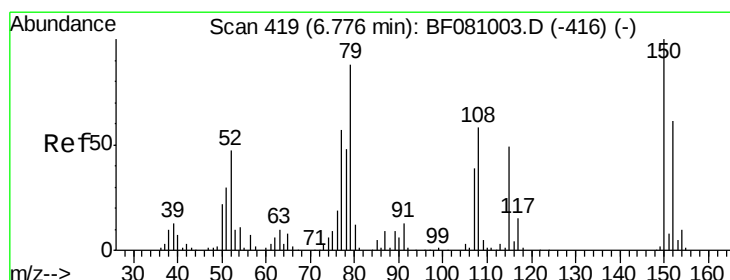
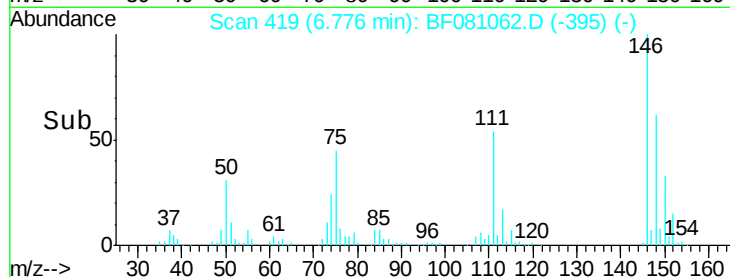
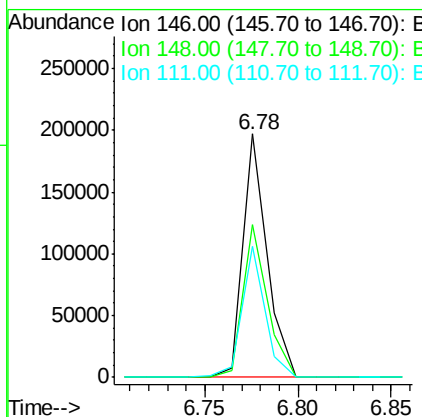
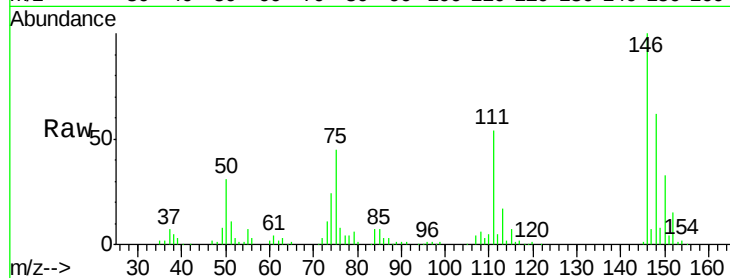




#14
 1,2-Dichlorobenzene
 Concen: 39.33 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

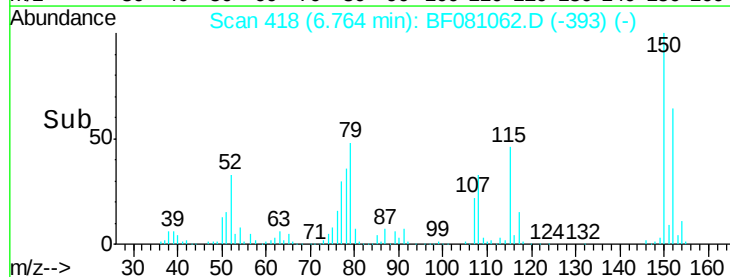
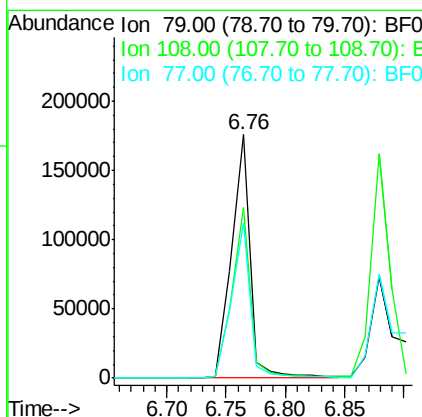
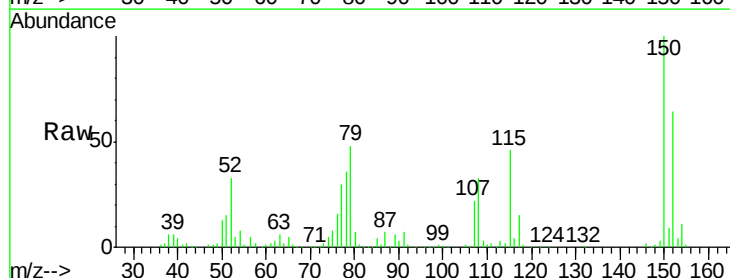
Instrument :
 BNA_F
 ClientSampled :

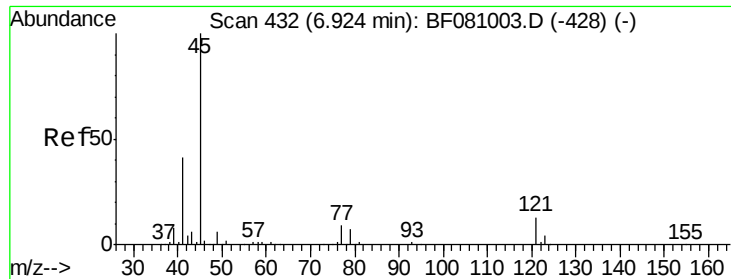
Tot Ion:146 Resp: 176846
 Ion Ratio Lower Upper
 146 100
 148 62.5 48.7 73.1
 111 53.9 42.3 63.5



#15
 Benzyl Alcohol
 Concen: 44.17 ng
 RT: 6.76 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion: 79 Resp: 192356
 Ion Ratio Lower Upper
 79 100
 108 70.0 49.4 74.2
 77 63.8 51.4 77.0

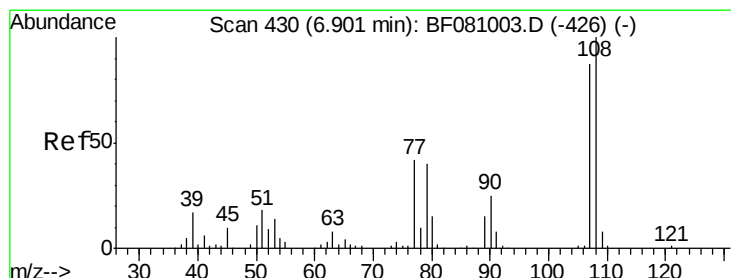
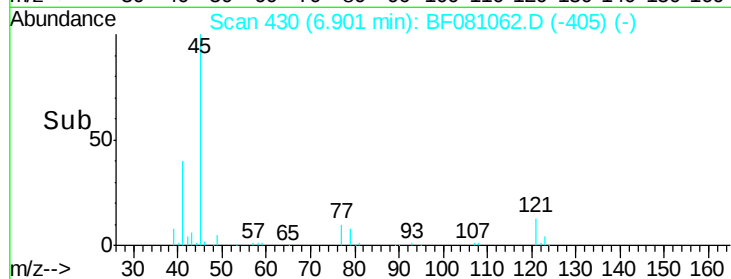
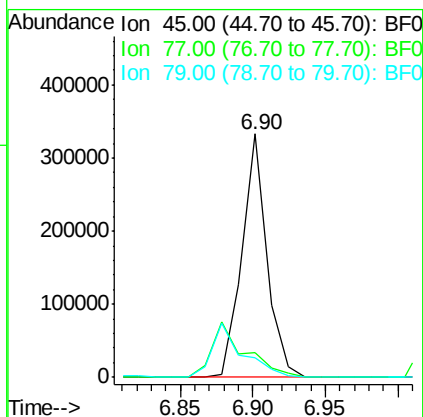
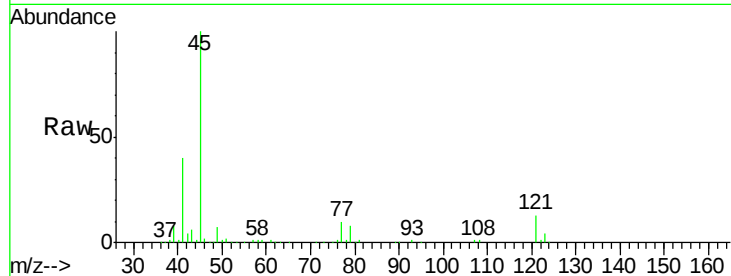




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.28 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

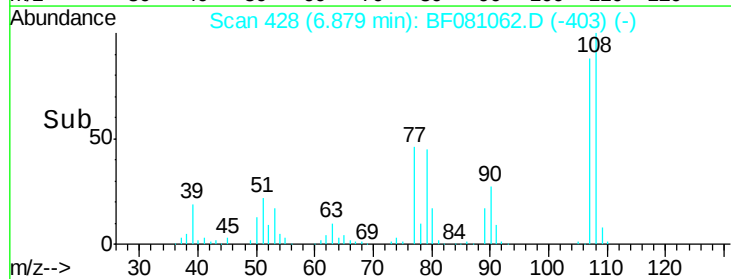
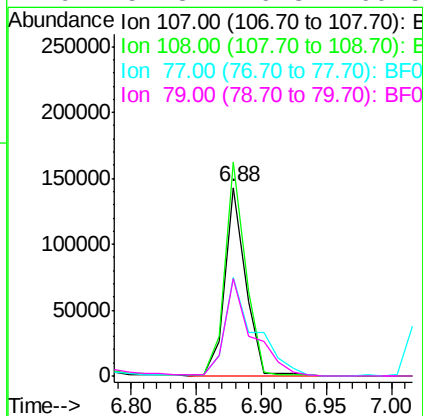
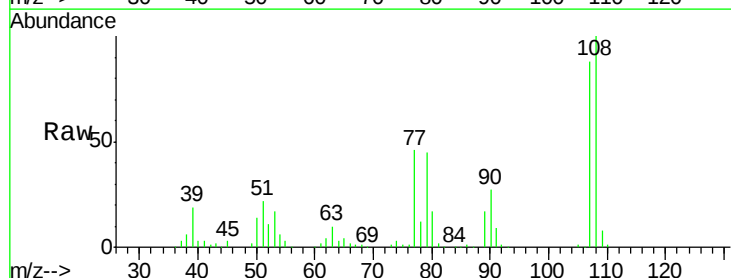
Instrument :
BNA_F
ClientSampleId :

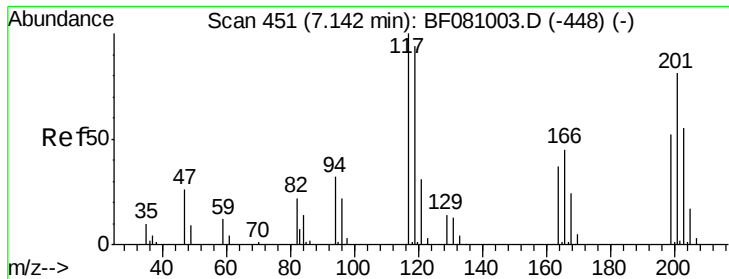
Tot Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	30.2
79	8.0	0.0	28.0



#17
2-Methylphenol
Concen: 41.29 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.4	135.6
77	52.5	46.5	69.7
79	51.3	46.3	69.5

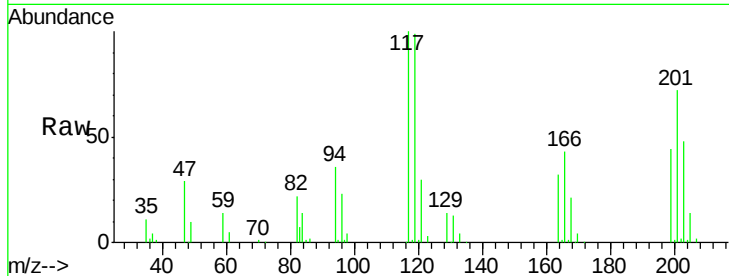




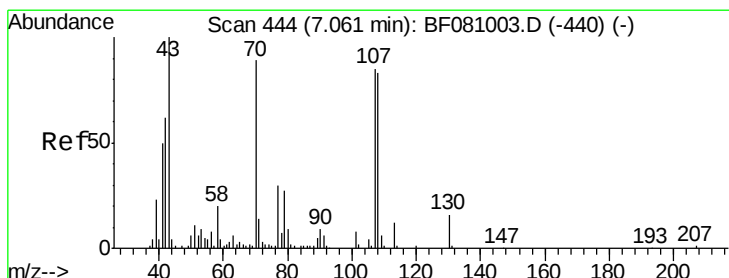
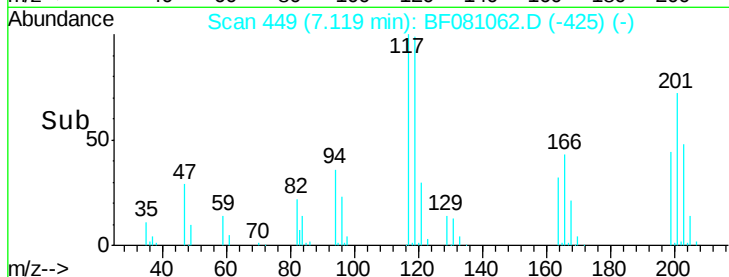
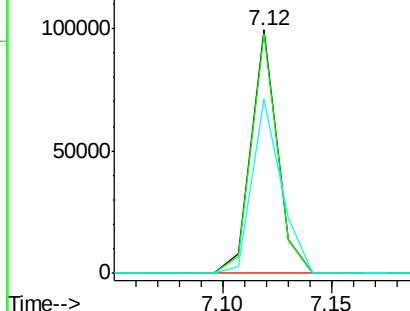
#18
Hexachloroethane
Concen: 42.76 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 83000
Ion Ratio Lower Upper
117 100
119 98.6 77.9 116.9
201 71.8 61.3 91.9

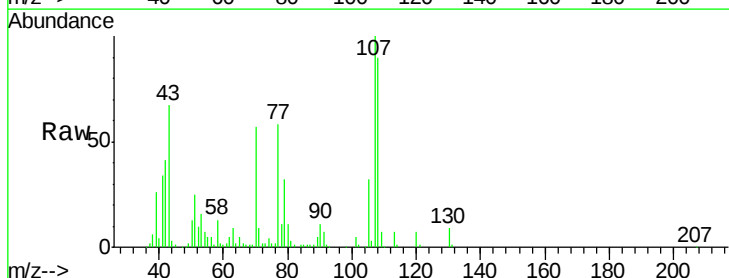


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

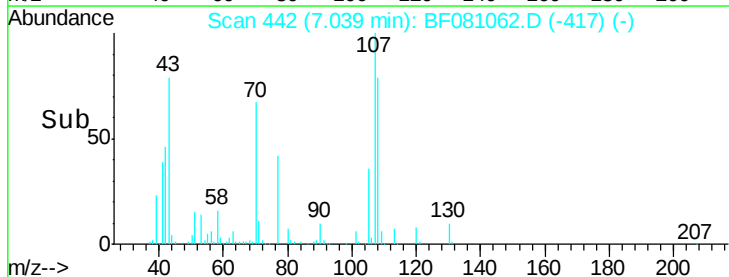
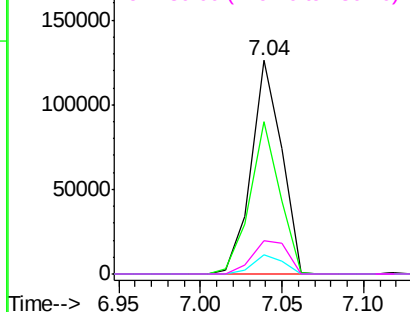


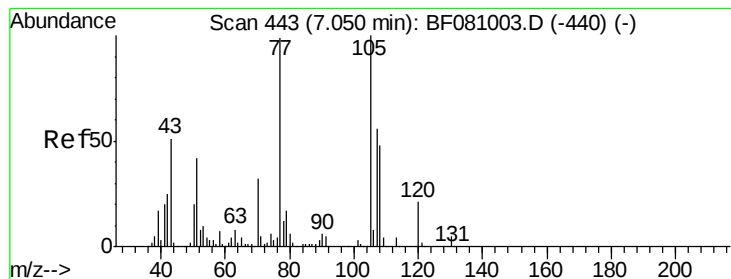
#19
n-Nitroso-di-n-propylamine
Concen: 43.67 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion: 70 Resp: 162824
Ion Ratio Lower Upper
70 100
42 71.5 65.0 97.4
101 8.7 7.4 11.2
130 15.5 13.0 19.4



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 38.86 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 191053

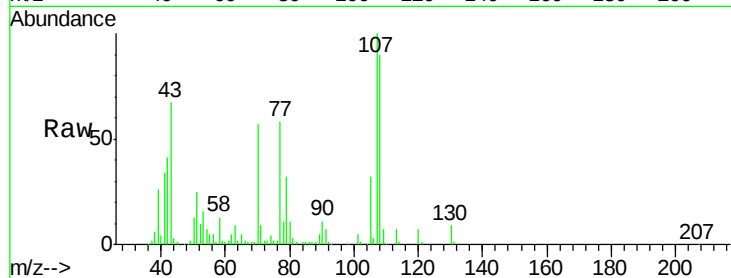
Ion Ratio Lower Upper

107 100

108 89.6 66.1 106.1

77 57.9 139.3 179.3#

79 32.4 11.9 51.9

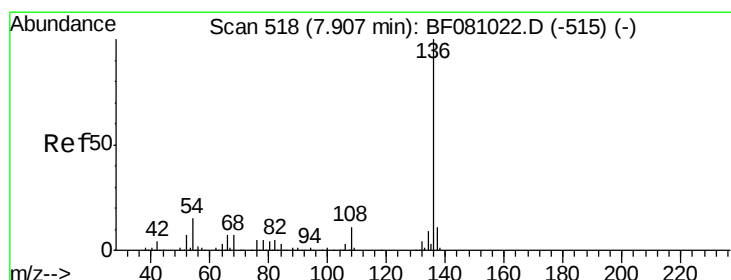
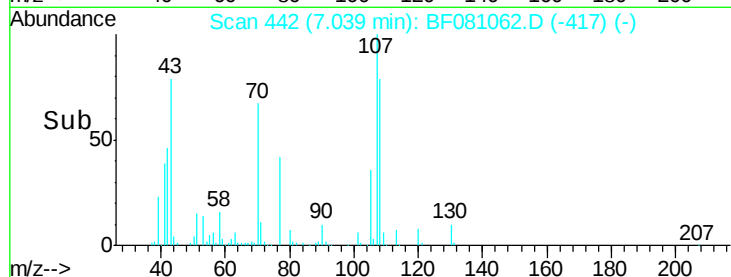
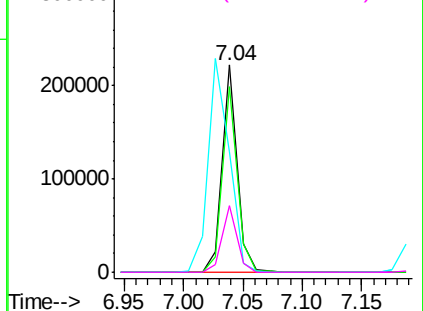


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Tgt Ion:136 Resp: 263496

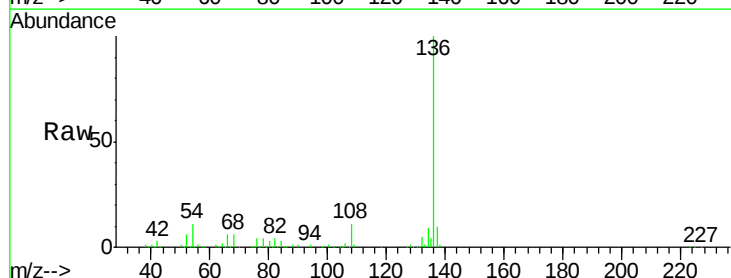
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.2

54 11.5 7.7 11.5

68 5.7 3.4 5.2#

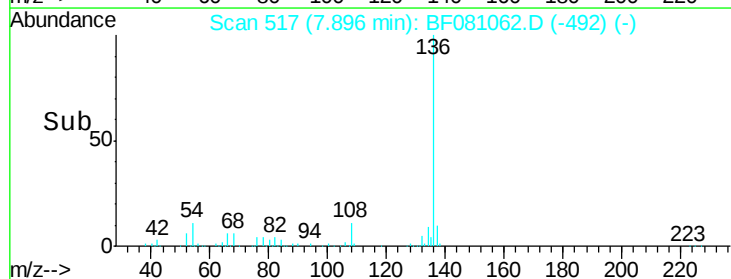
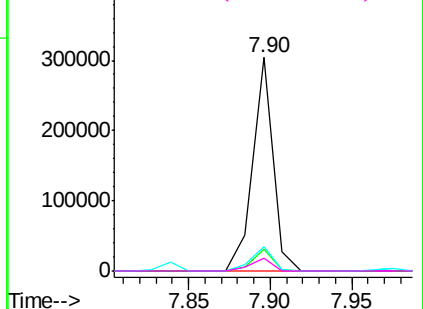


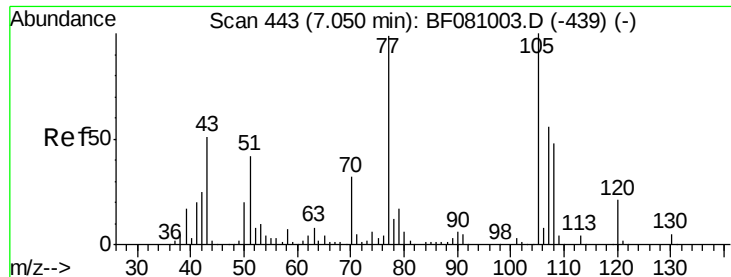
Abundance Ion 136.00 (135.70 to 136.70): E

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

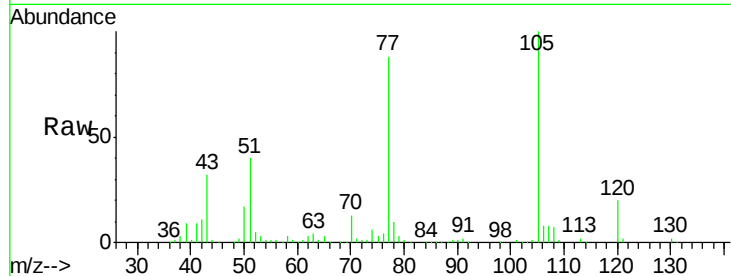




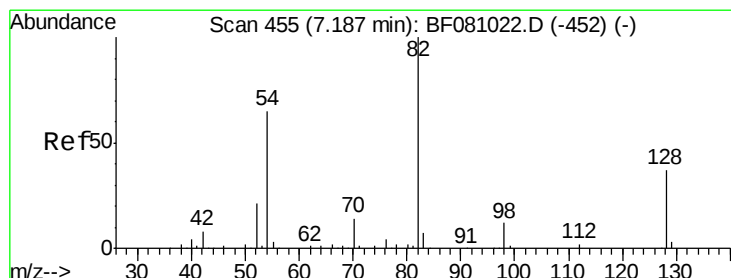
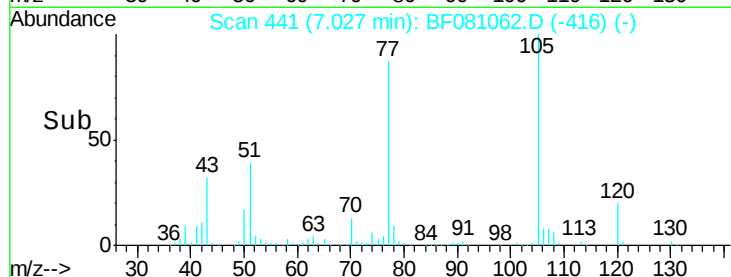
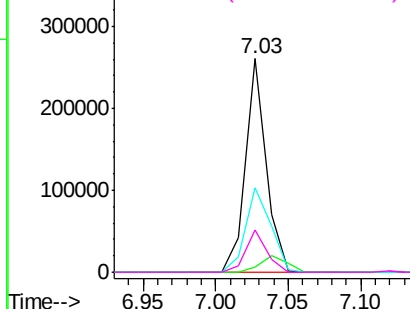
#22
Acetophenone
Concen: 37.29 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 257940
Ion Ratio Lower Upper
105 100
71 2.2 3.0 4.6#
51 39.8 39.8 59.8#
120 19.7 15.8 23.8

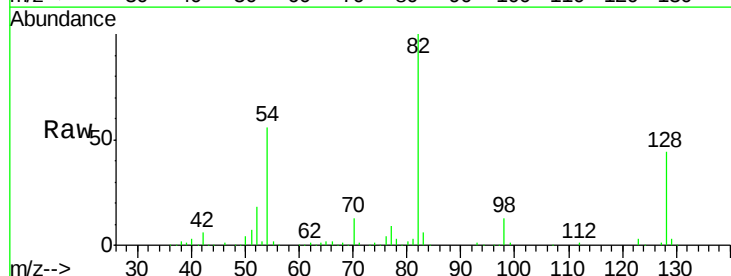


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

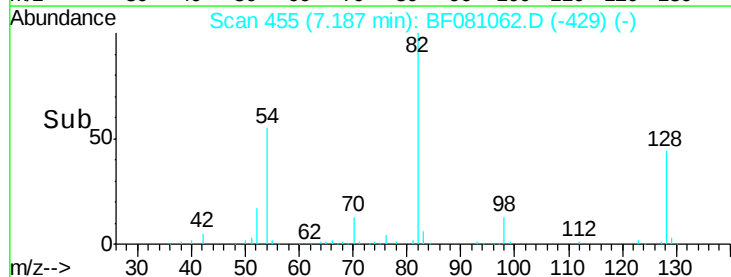
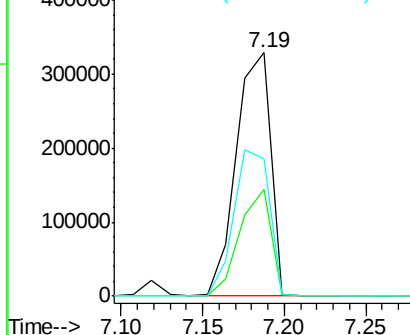


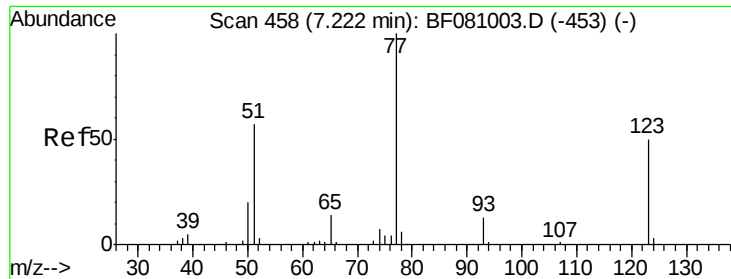
#23
Nitrobenzene-d5
Concen: 83.11 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion: 82 Resp: 479407
Ion Ratio Lower Upper
82 100
128 44.0 28.6 42.8#
54 56.2 55.1 82.7



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

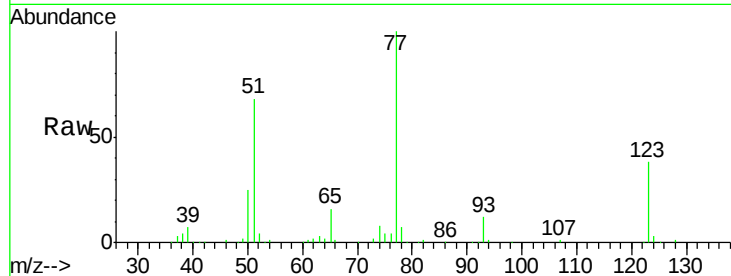




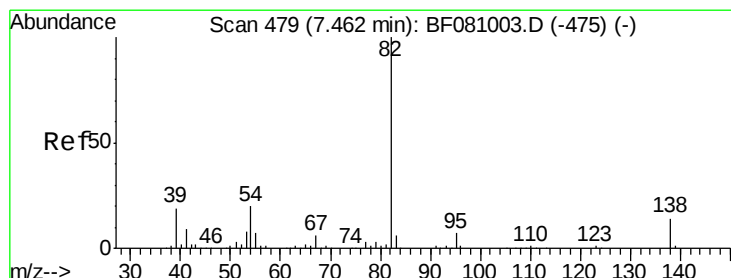
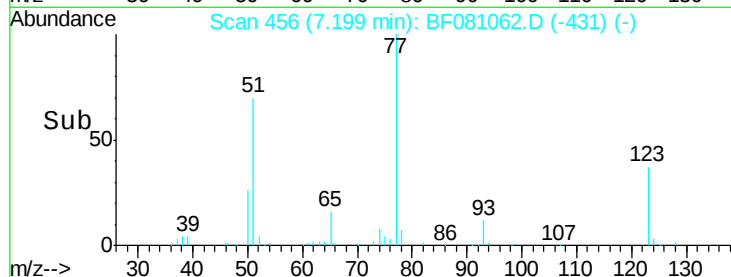
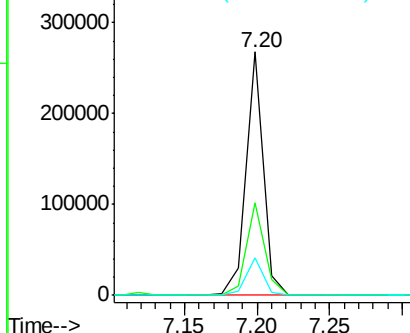
#24
 Nitrobenzene
 Concen: 36.79 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	77	Resp	221865
Ion Ratio	Lower	Upper	
77	100		
123	38.1	32.9	49.3
65	15.7	12.5	18.7

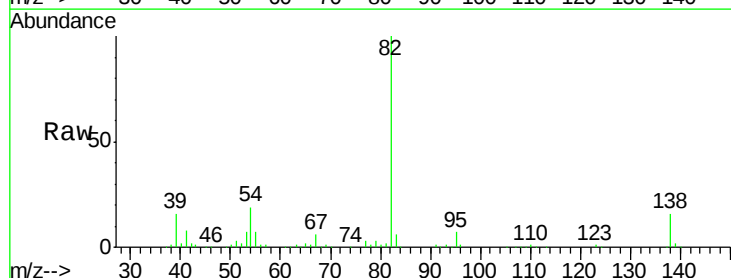


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

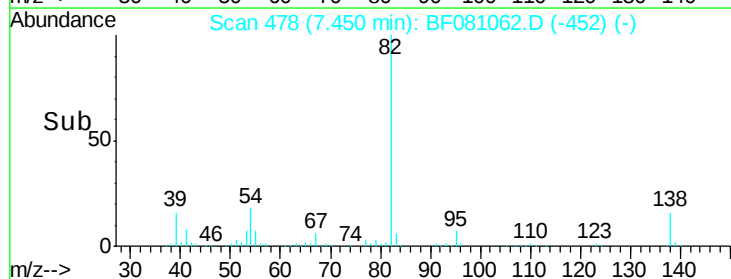
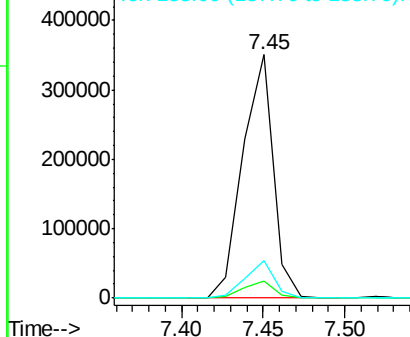


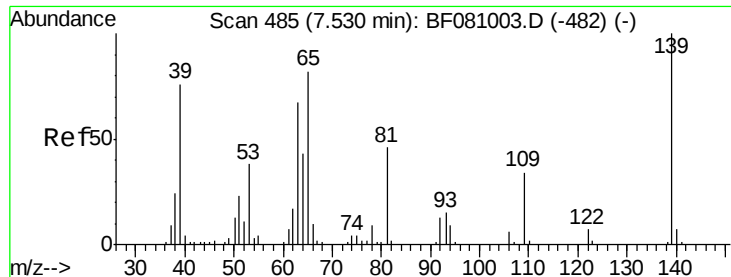
#25
 Isophorone
 Concen: 42.25 ng
 RT: 7.45 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion	82	Resp	454505
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.2	9.2
138	15.5	10.5	15.7



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

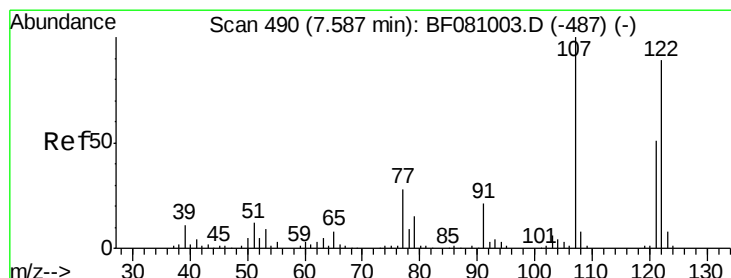
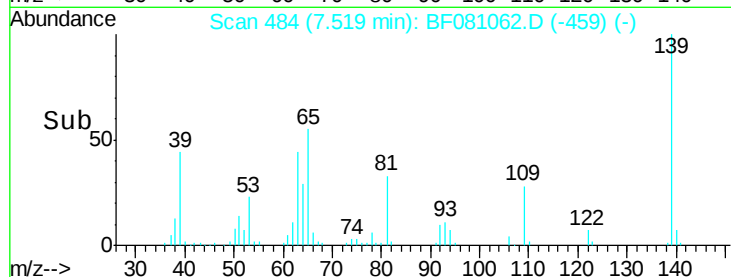
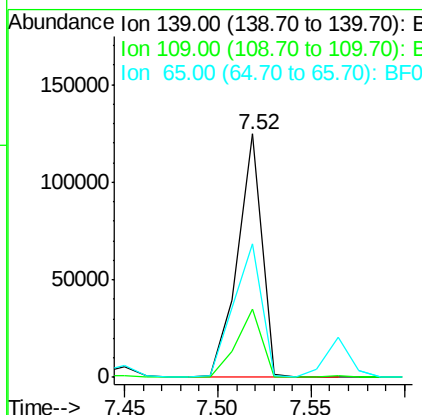
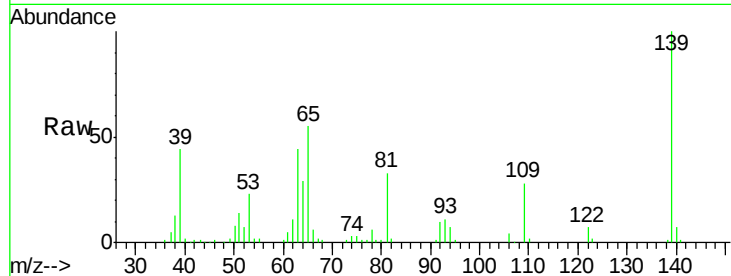




#26
2-Nitrophenol
Concen: 45.77 ng
RT: 7.52 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

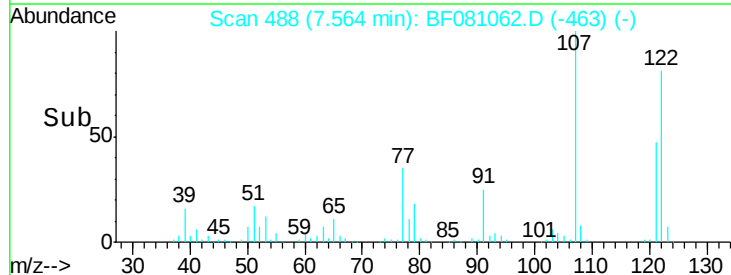
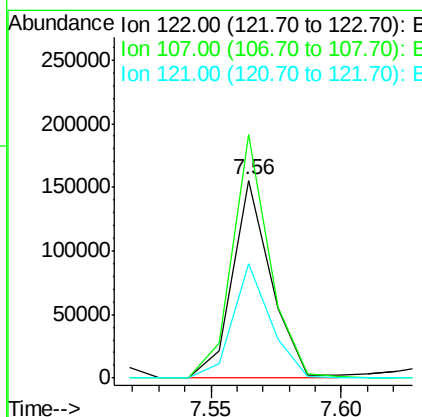
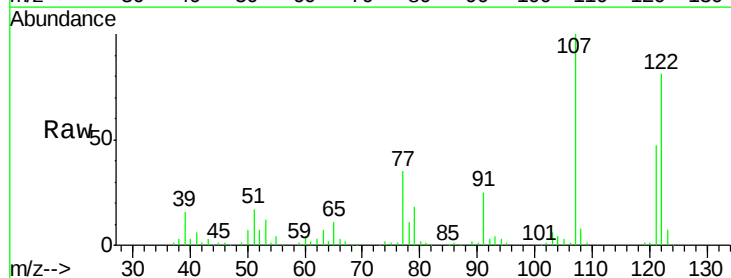
Instrument :
BNA_F
ClientSampleId :

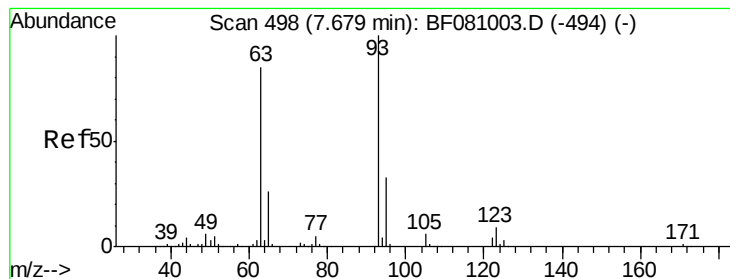
Tot Ion:139 Resp: 114787
Ion Ratio Lower Upper
139 100
109 28.1 32.1 48.1#
65 54.8 69.9 104.9#



#27
2,4-Dimethylphenol
Concen: 36.43 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:122 Resp: 161638
Ion Ratio Lower Upper
122 100
107 123.0 103.8 155.6
121 57.7 47.0 70.4





#28

bis(2-Chloroethoxy)methane

Concen: 43.12 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

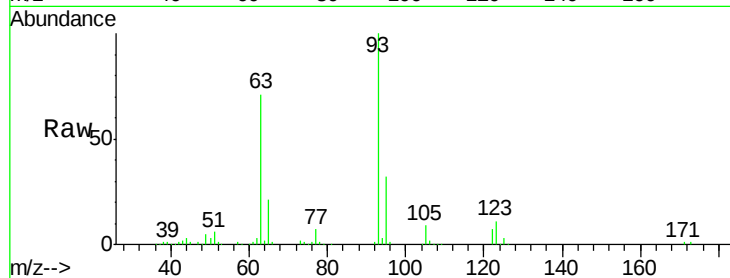
Tot Ion: 93 Resp: 274025

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

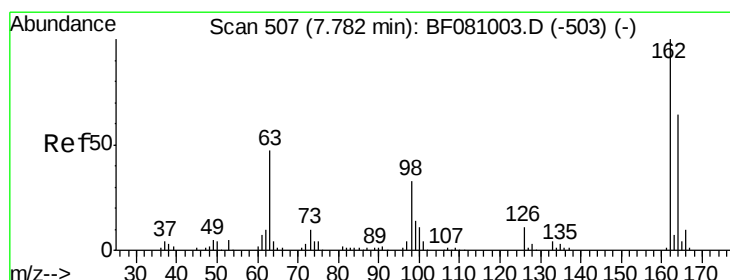
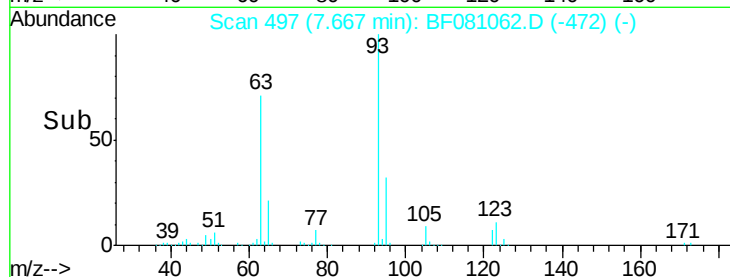
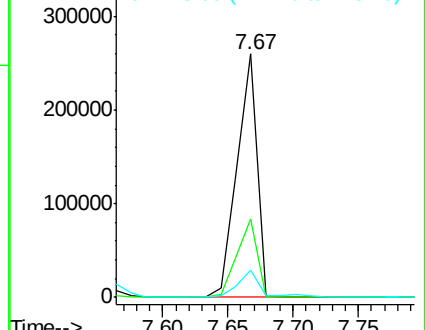
123 11.0 7.4 11.0



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: 40.65 ng

RT: 7.76 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

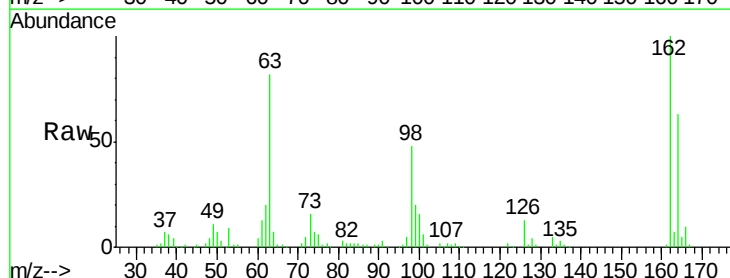
Tgt Ion: 162 Resp: 151870

Ion Ratio Lower Upper

162 100

164 63.3 43.2 83.2

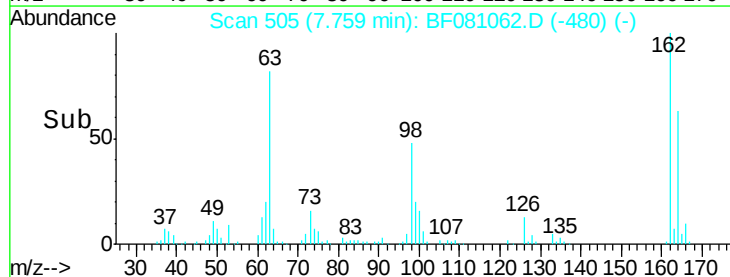
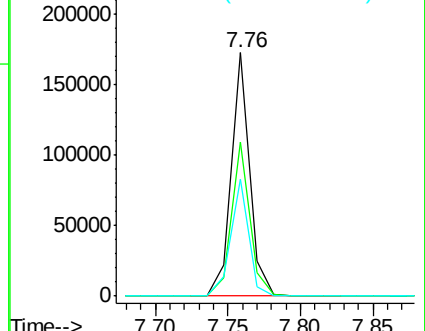
98 47.9 12.3 52.3

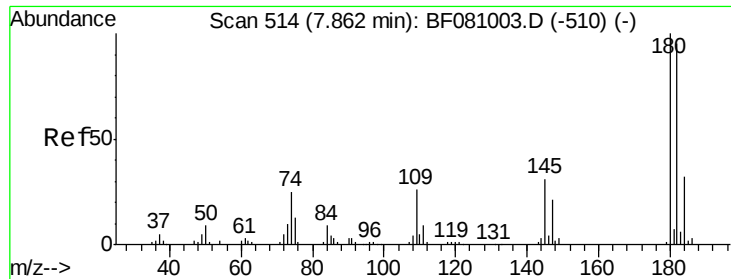


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

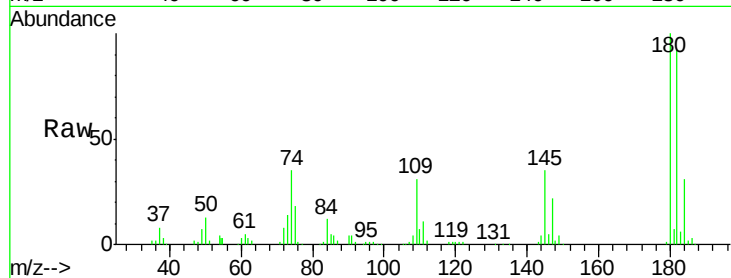




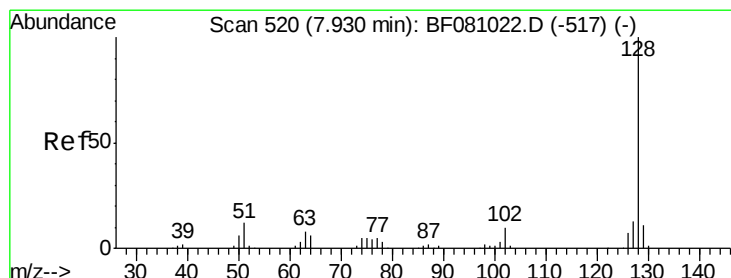
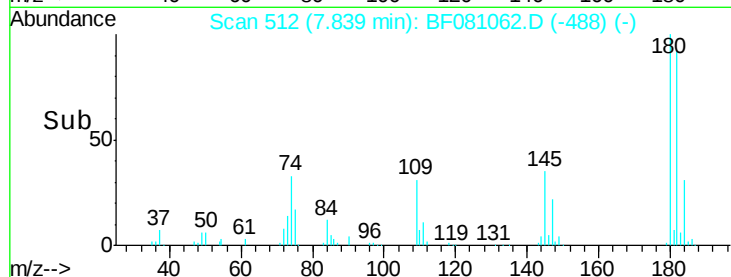
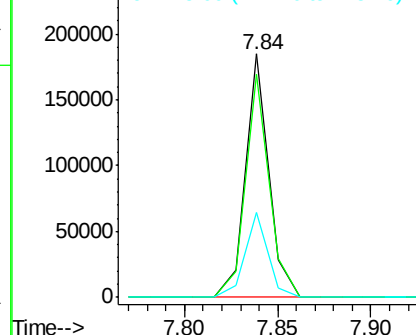
#30
 1,2,4-Trichlorobenzene
 Concen: 38.82 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:180 Resp: 161168
 Ion Ratio Lower Upper
 180 100
 182 91.7 76.4 114.6
 145 34.7 25.4 38.2

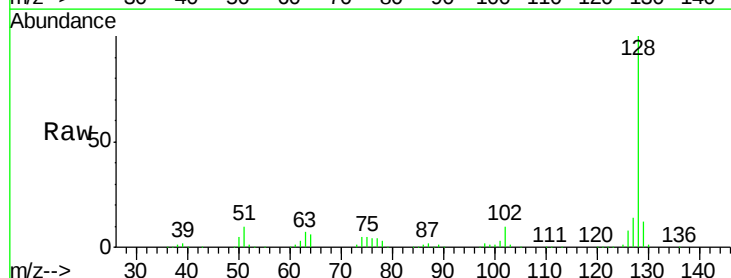


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

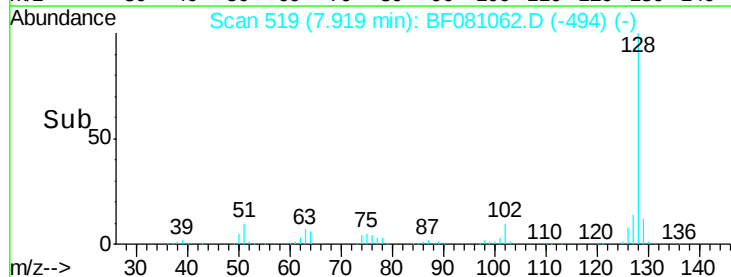
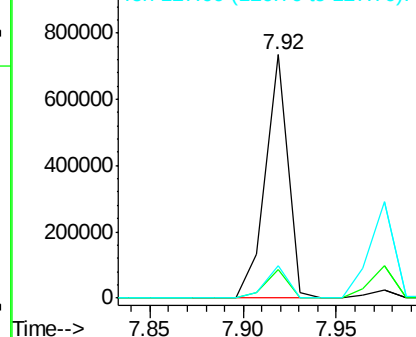


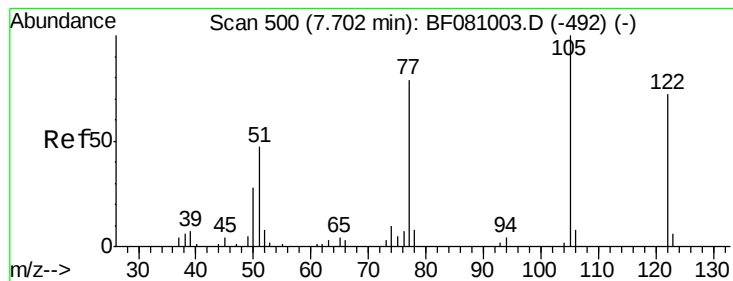
#31
 Naphthalene
 Concen: 41.56 ng
 RT: 7.92 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion:128 Resp: 610409
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.4 12.6
 127 13.5 10.6 16.0



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: 41.25 ng

RT: 7.70 min Scan# 500

Delta R.T. 0.05 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

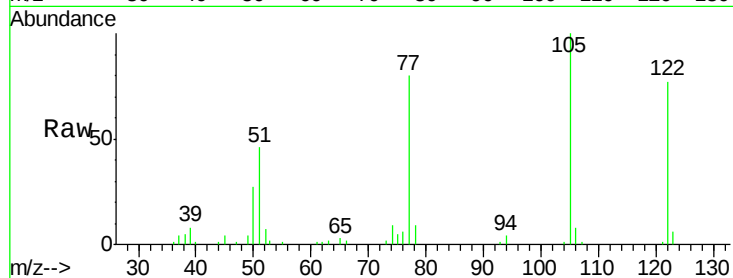
Tot Ion:122 Resp: 102953

Ion Ratio Lower Upper

122 100

105 129.2 113.8 153.8

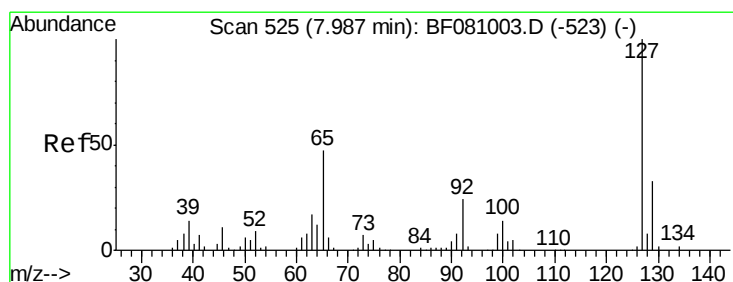
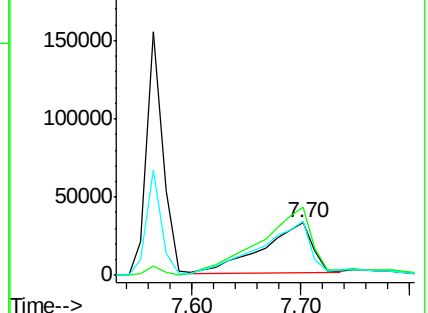
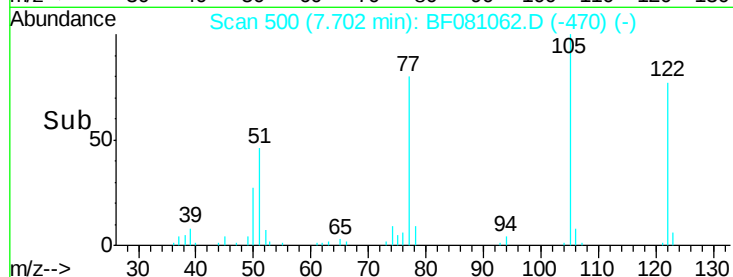
77 103.1 93.8 133.8



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: 43.55 ng

RT: 7.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Tgt Ion:127 Resp: 269909

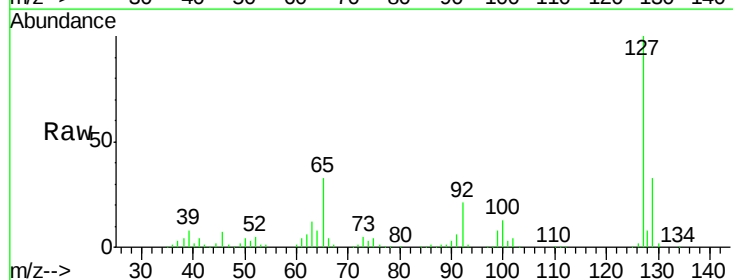
Ion Ratio Lower Upper

127 100

129 33.3 25.2 37.8

65 33.3 37.8 56.6#

92 20.7 19.5 29.3

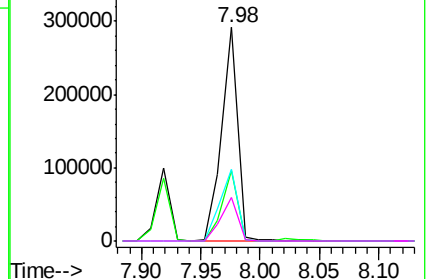
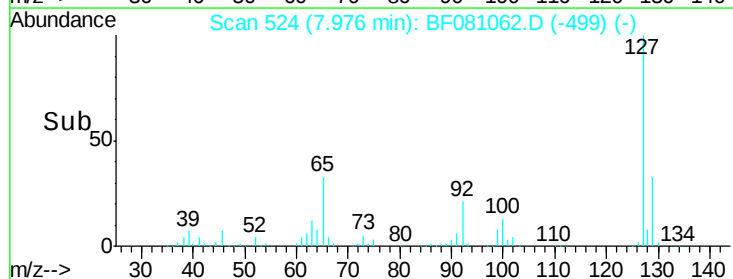


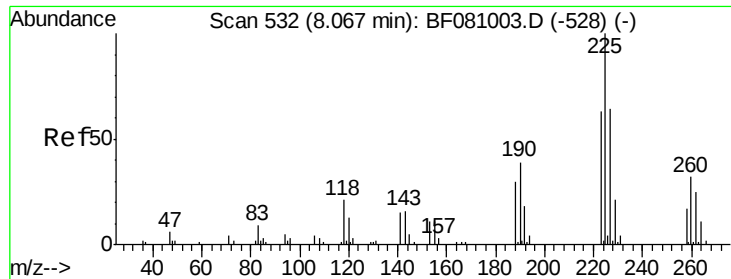
Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.42 ng

RT: 8.04 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

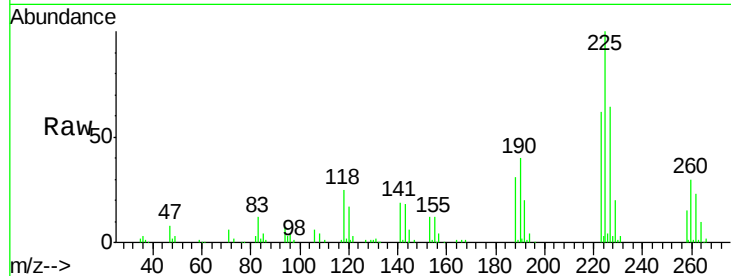
Tot Ion:225 Resp: 101938

Ion Ratio Lower Upper

225 100

223 62.5 52.6 79.0

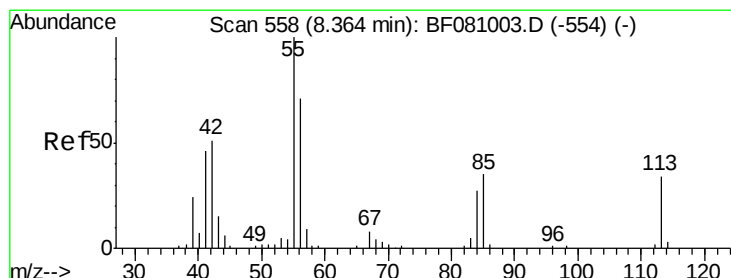
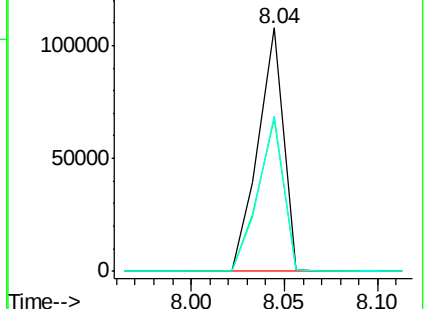
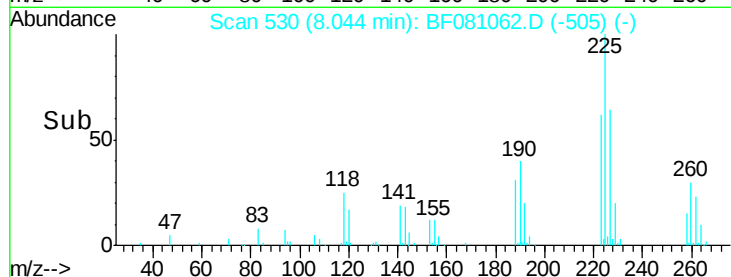
227 64.0 51.1 76.7



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: 43.95 ng

RT: 8.36 min Scan# 558

Delta R.T. 0.03 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

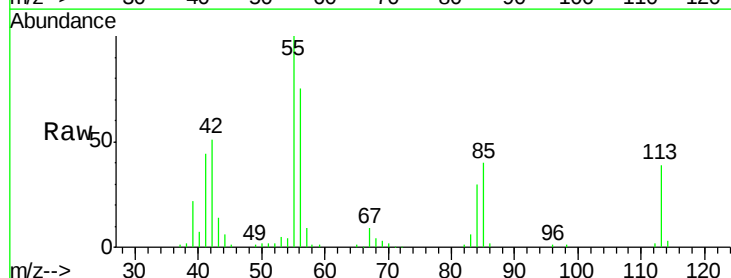
Tgt Ion:113 Resp: 57385

Ion Ratio Lower Upper

113 100

55 255.4 280.4 320.4#

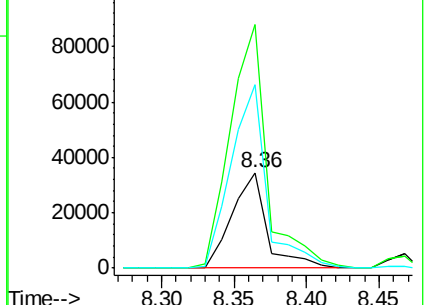
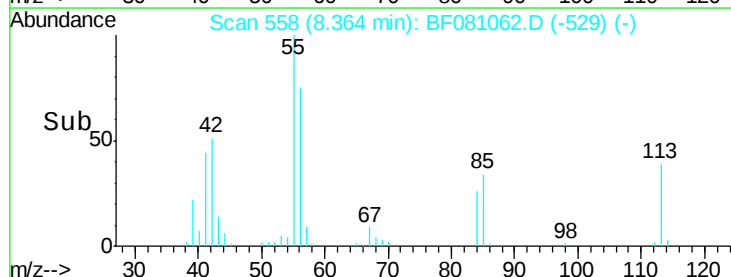
56 192.6 205.9 245.9#

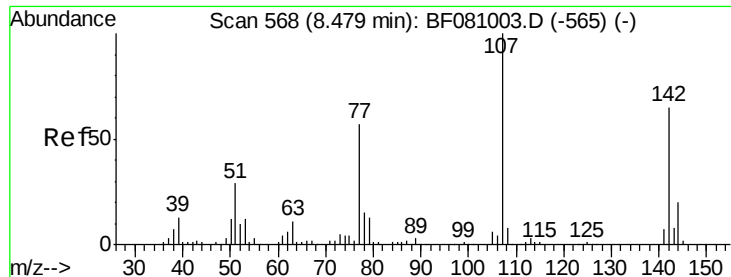


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

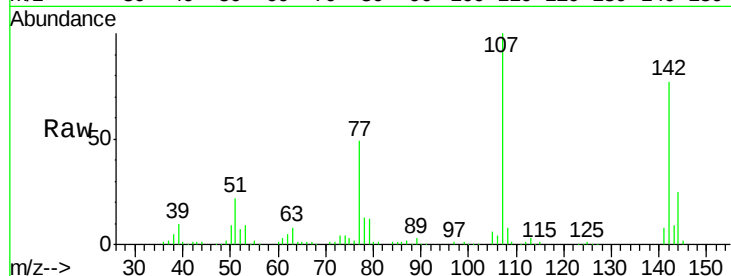




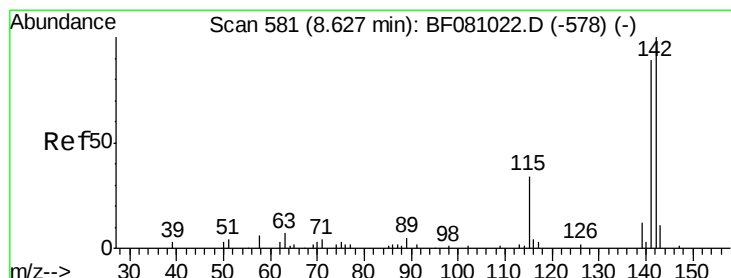
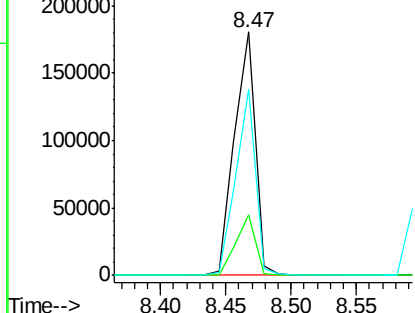
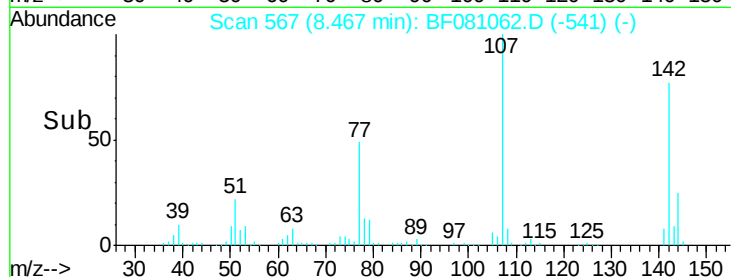
#36
 4-Chloro-3-methylphenol
 Concen: 44.77 ng
 RT: 8.47 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:107 Resp: 199330
 Ion Ratio Lower Upper
 107 100
 144 24.7 17.2 25.8
 142 76.5 54.9 82.3

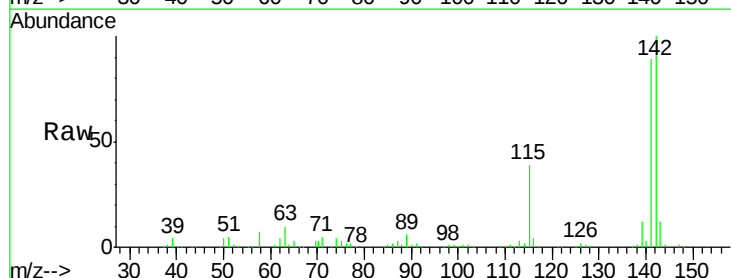


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

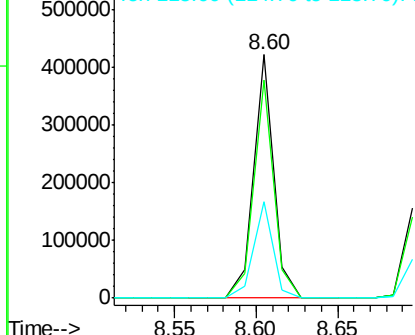
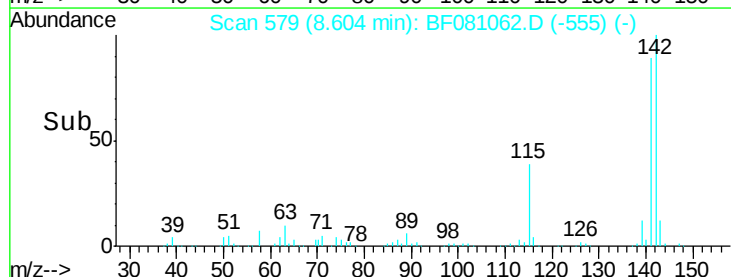


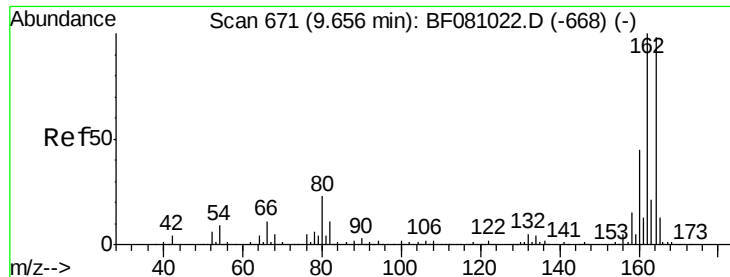
#37
 2-Methylnaphthalene
 Concen: 38.94 ng
 RT: 8.60 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion:142 Resp: 361287
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 39.4 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

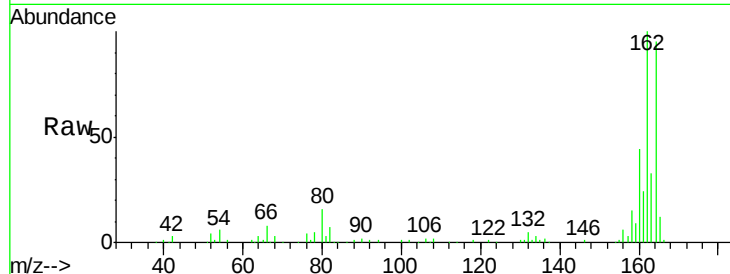




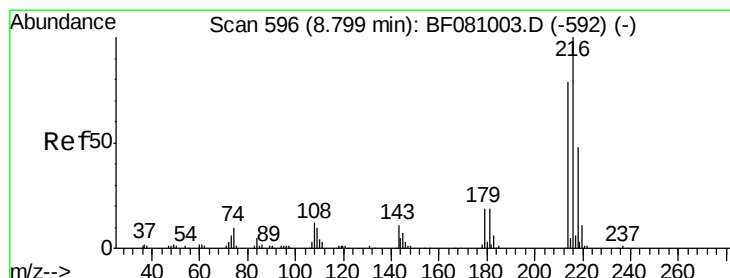
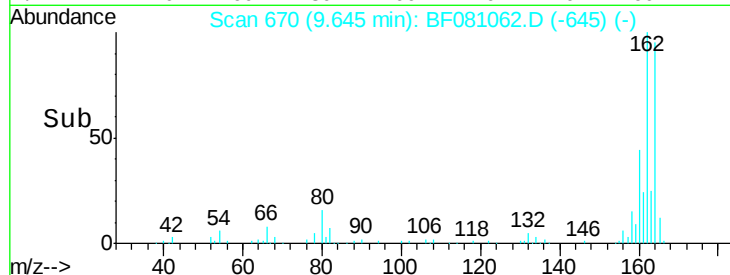
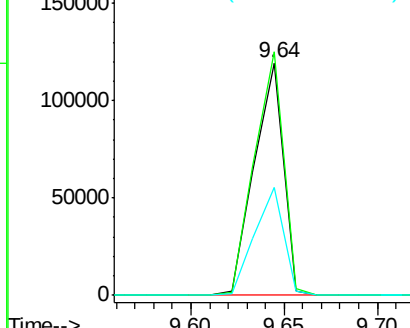
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 128040
Ion Ratio Lower Upper
164 100
162 104.8 83.8 125.8
160 46.5 39.8 59.8

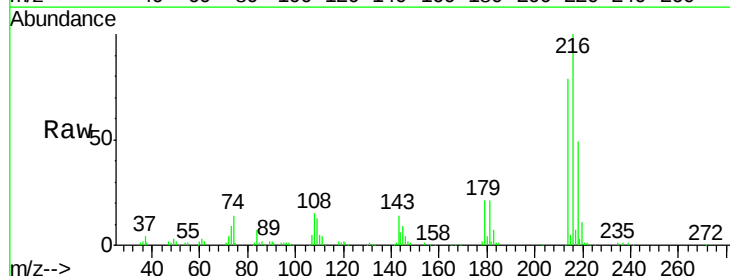


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

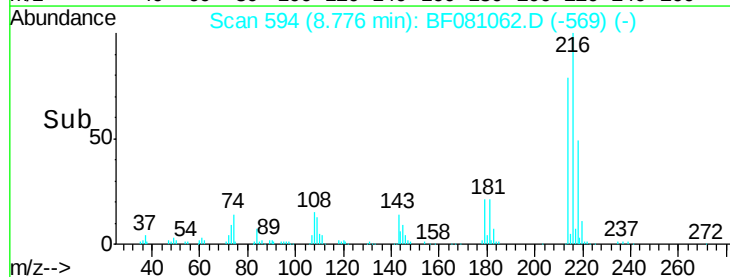
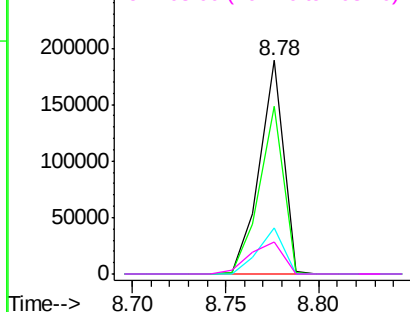


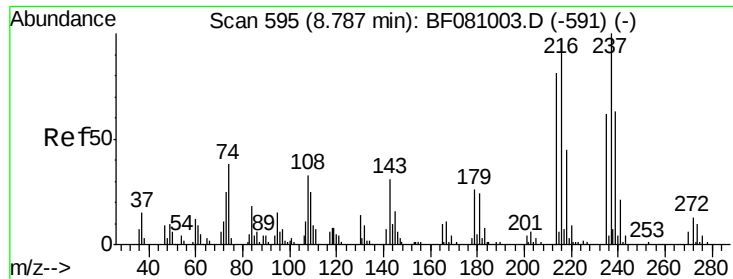
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.81 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:216 Resp: 168575
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.8
179 22.6 17.8 26.8
108 20.6 16.2 24.2



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

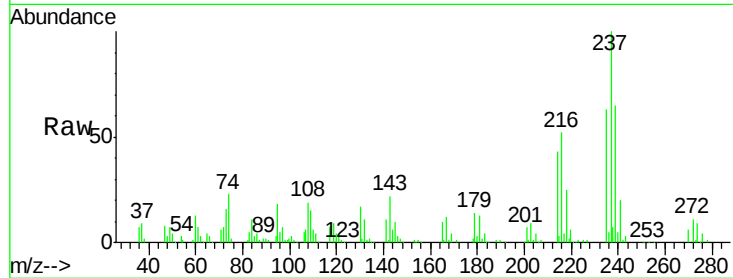




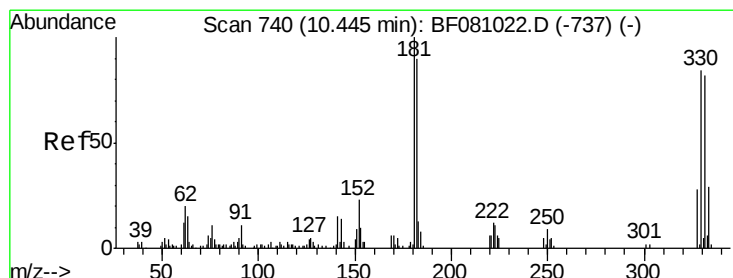
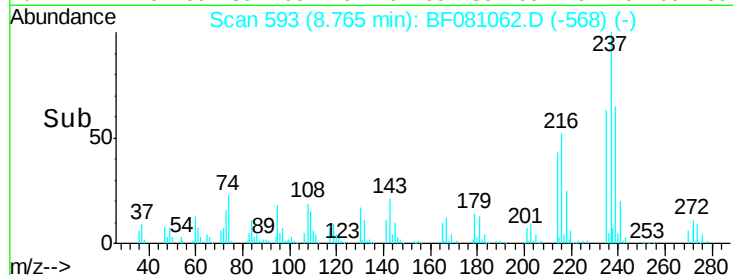
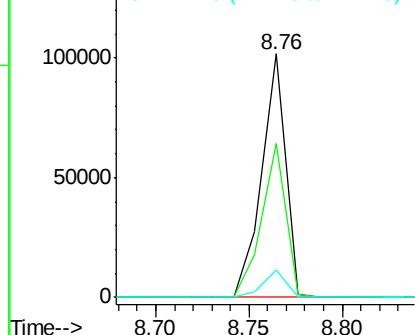
#40
Hexachlorocyclopentadiene
Concen: 42.09 ng
RT: 8.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 89989
Ion Ratio Lower Upper
237 100
235 63.1 43.6 83.6
272 11.3 0.0 32.2

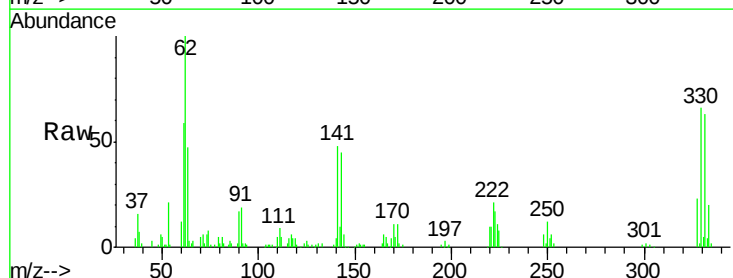


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

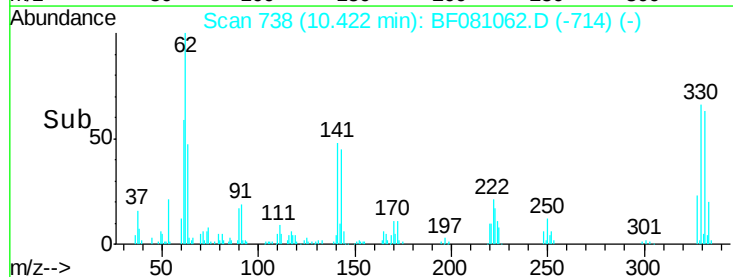
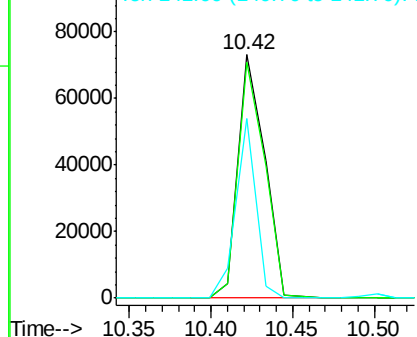


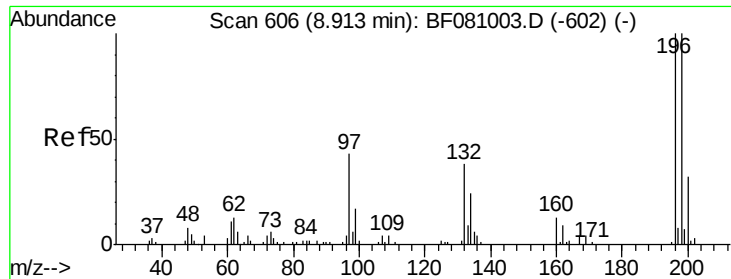
#41
2,4,6-Tribromophenol
Concen: 74.22 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:330 Resp: 82381
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 55.2 44.9 67.3



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

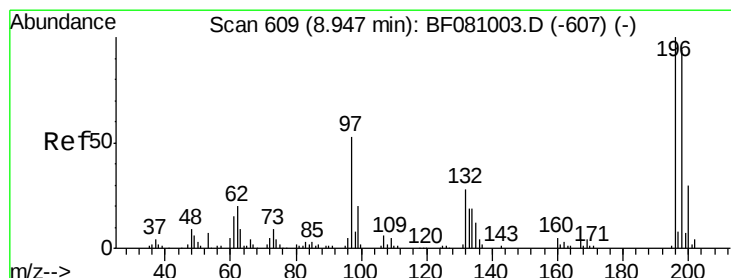
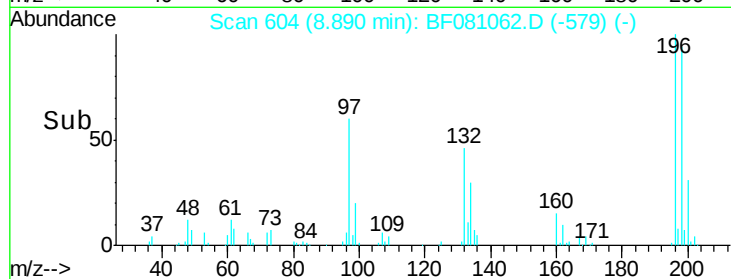
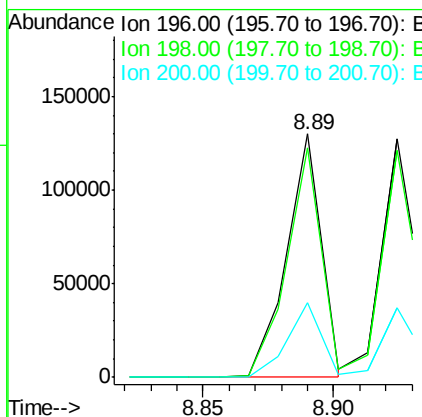
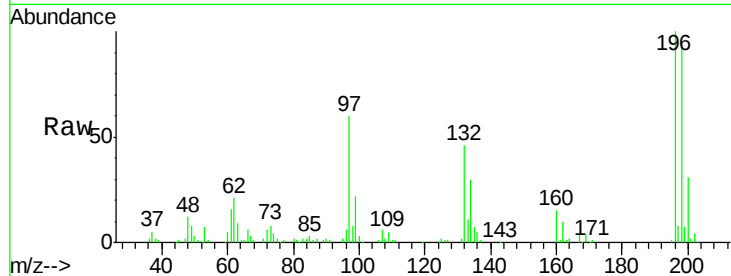




#42
 2,4,6-Trichlorophenol
 Concen: 41.10 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

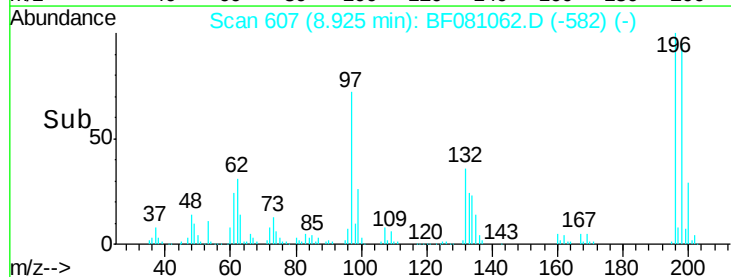
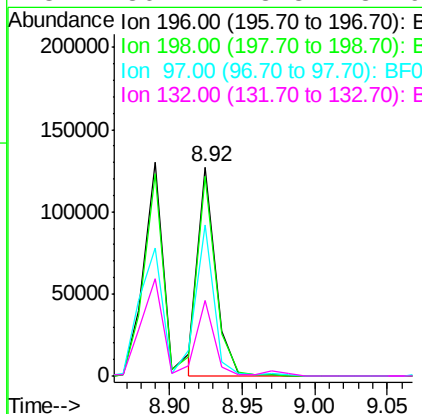
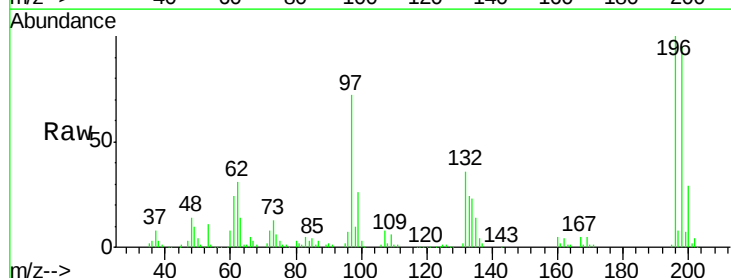
Instrument :
 BNA_F
 ClientSampleID :

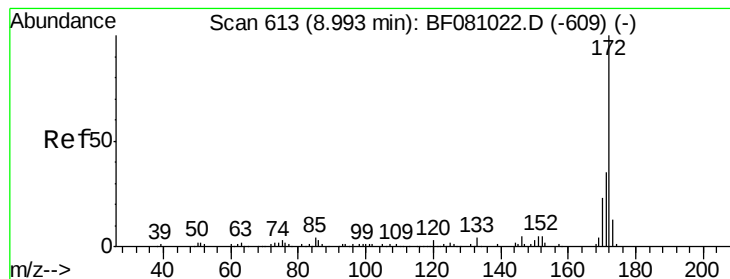
Tot Ion:196 Resp: 119937
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 111.8
 200 30.7 22.7 34.1



#43
 2,4,5-Trichlorophenol
 Concen: 37.28 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion:196 Resp: 108730
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.3 117.5
 97 72.3 42.7 64.1#
 132 36.1 23.3 34.9#

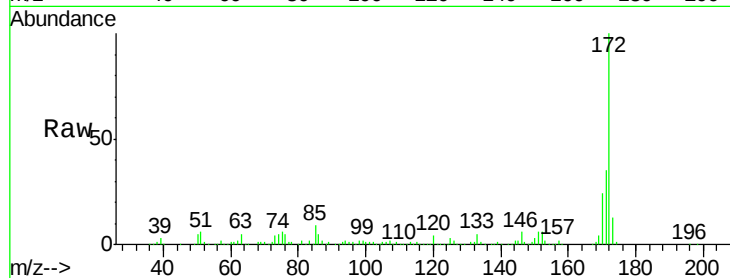




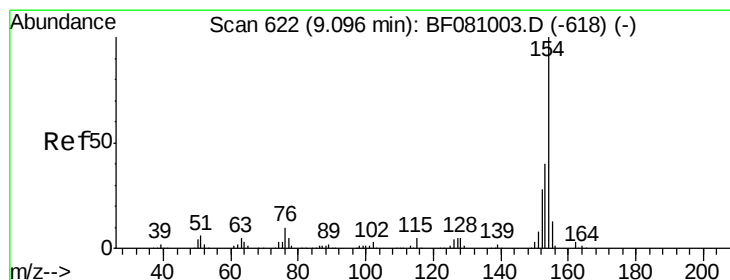
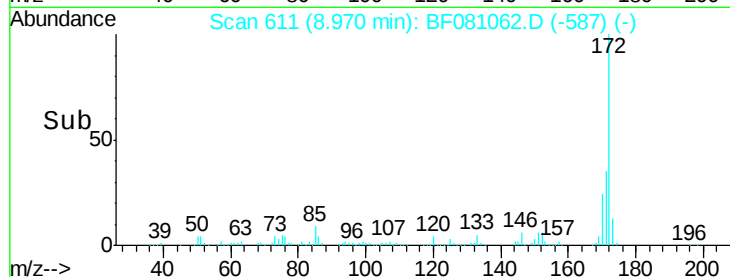
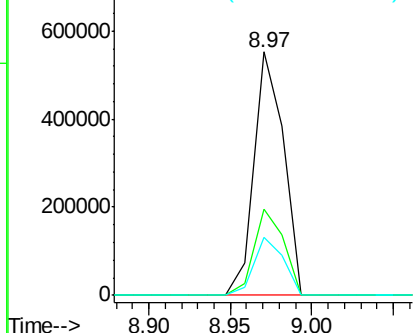
#44
 2-Fluorobiphenyl
 Concen: 71.23 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.7	19.4	29.2

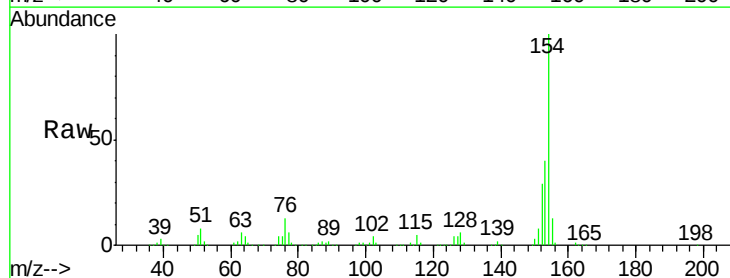


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

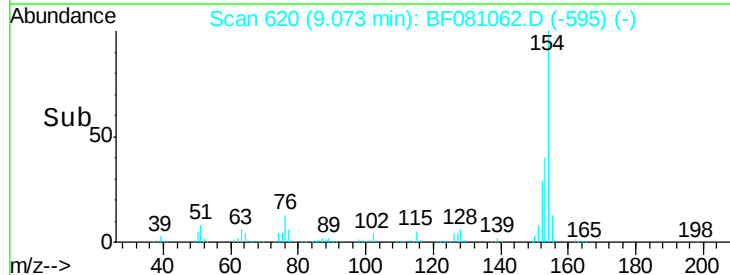
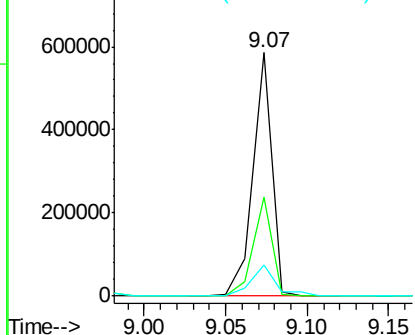


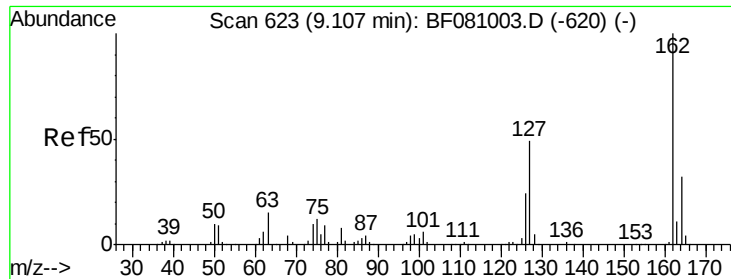
#45
 1,1'-Biphenyl
 Concen: 41.92 ng
 RT: 9.07 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.5	59.5
76	12.6	0.0	29.3



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

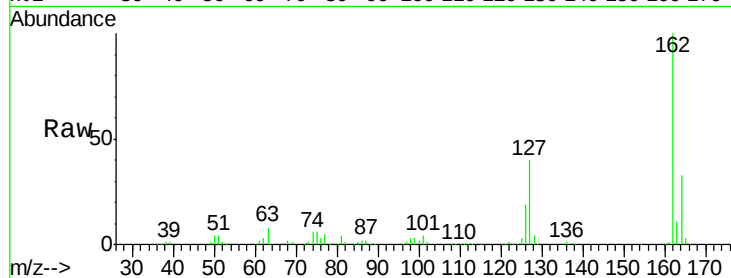




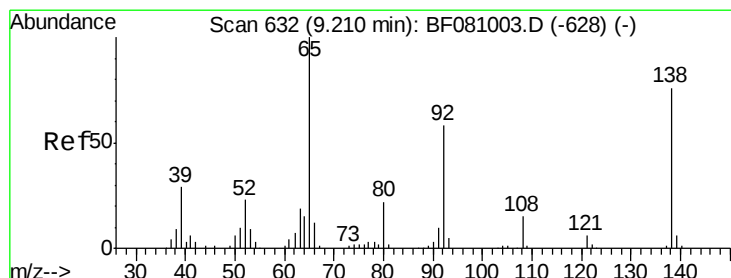
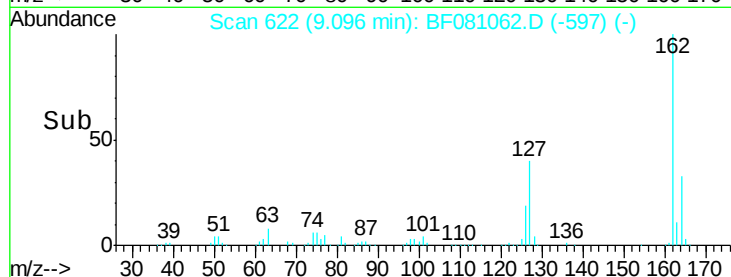
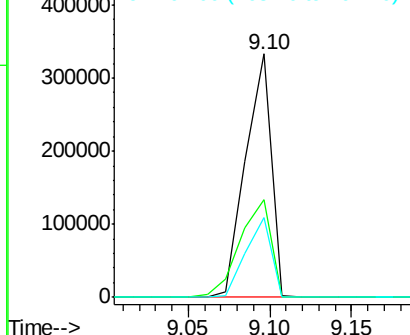
#46
2-Chloronaphthalene
Concen: 40.19 ng
RT: 9.10 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 364139
Ion Ratio Lower Upper
162 100
127 39.9 31.3 46.9
164 32.8 26.3 39.5

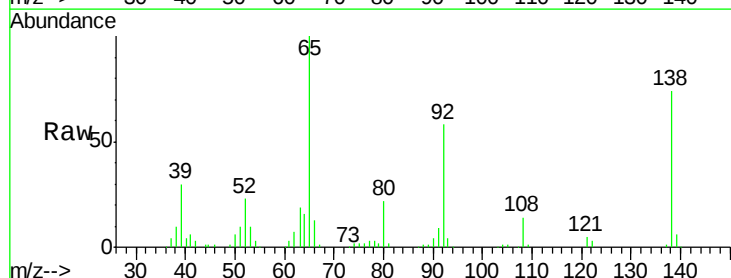


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

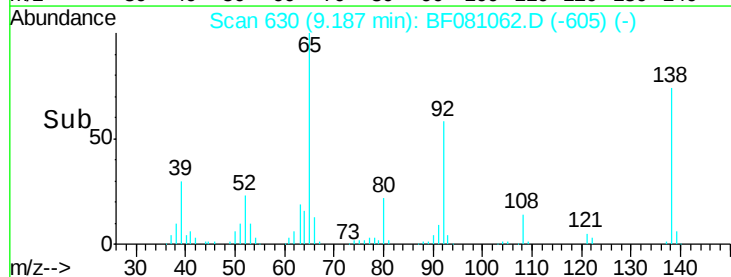
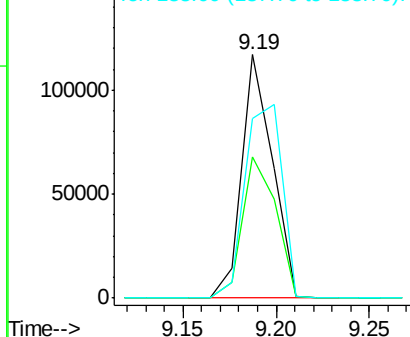


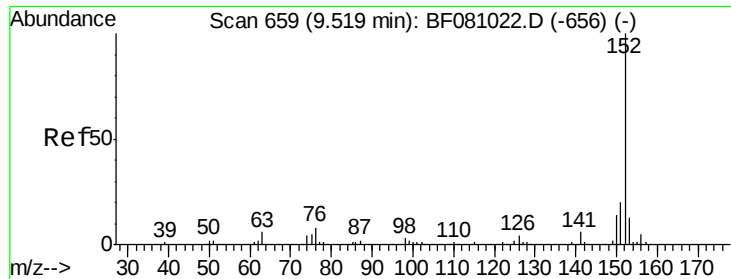
#47
2-Nitroaniline
Concen: 36.04 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion: 65 Resp: 133641
Ion Ratio Lower Upper
65 100
92 58.1 45.6 68.4
138 74.0 57.9 86.9



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: 37.72 ng

RT: 9.51 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

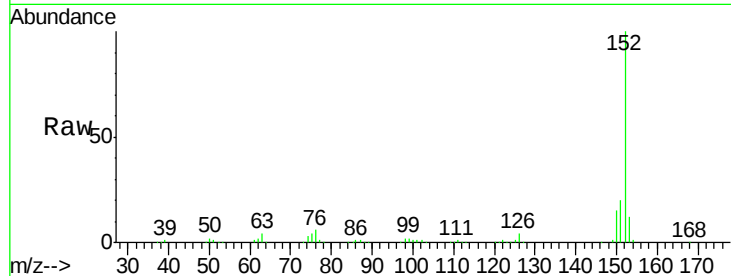
Tot Ion:152 Resp: 611284

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

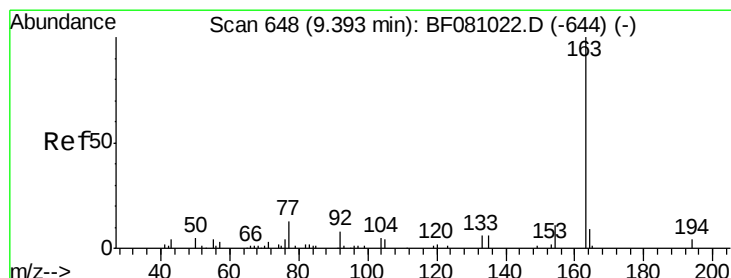
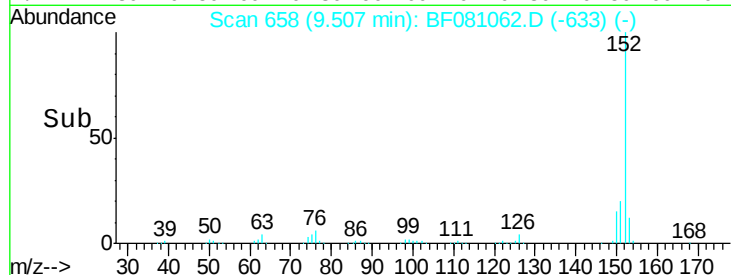
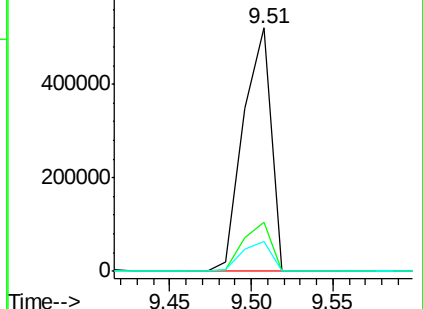
153 12.5 9.8 14.6



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: 35.85 ng

RT: 9.38 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

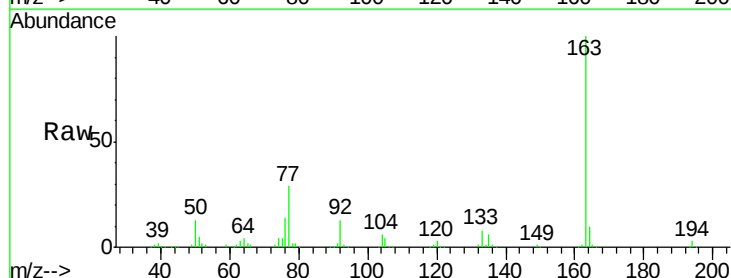
Tgt Ion:163 Resp: 378077

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

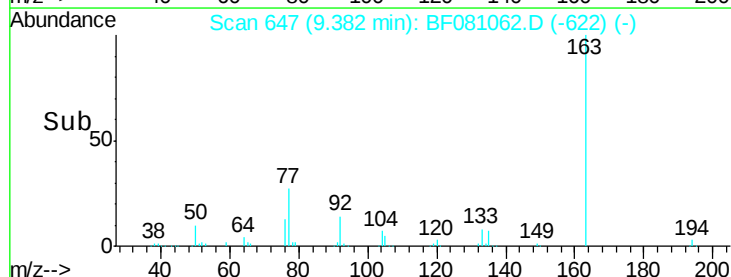
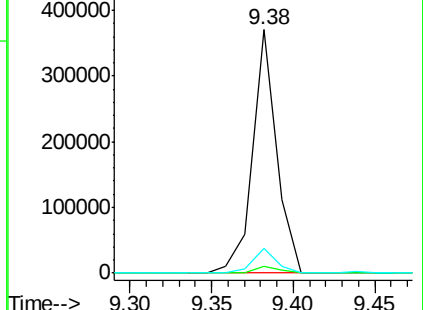
164 10.3 8.1 12.1

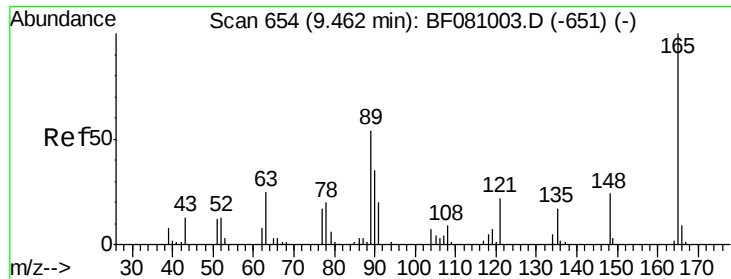


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

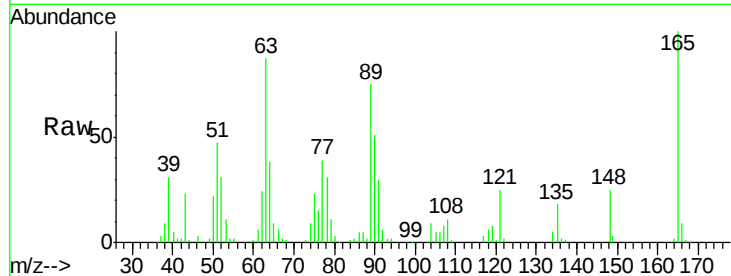




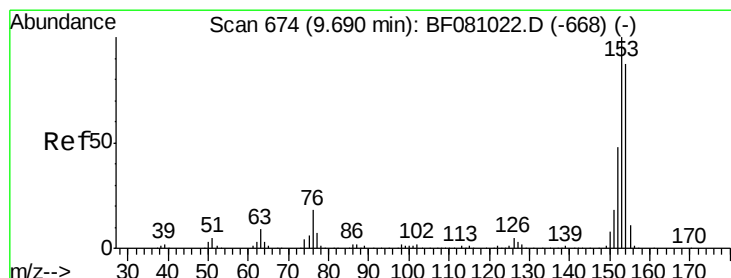
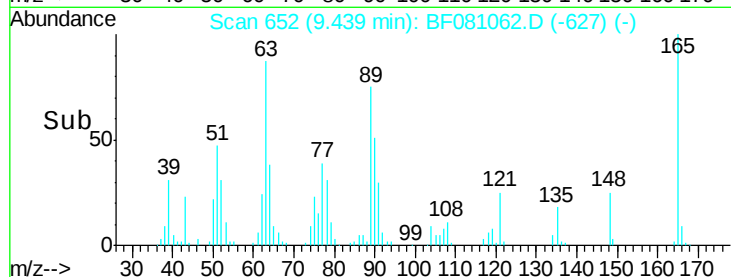
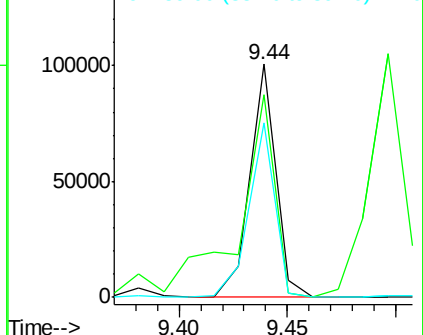
#50
 2,6-Dinitrotoluene
 Concen: 36.90 ng
 RT: 9.44 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165 Resp: 83548
 Ion Ratio Lower Upper
 165 100
 63 87.0 49.5 74.3#
 89 74.7 47.6 71.4#

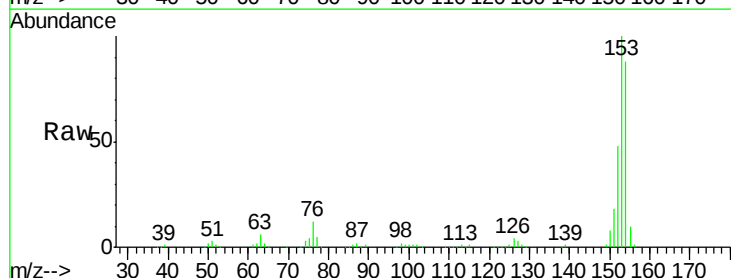


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

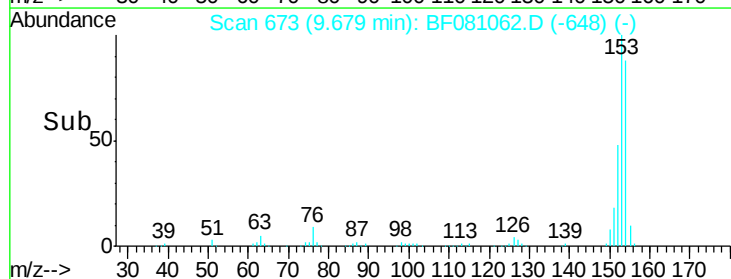
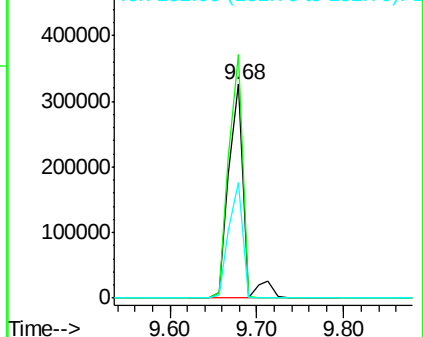


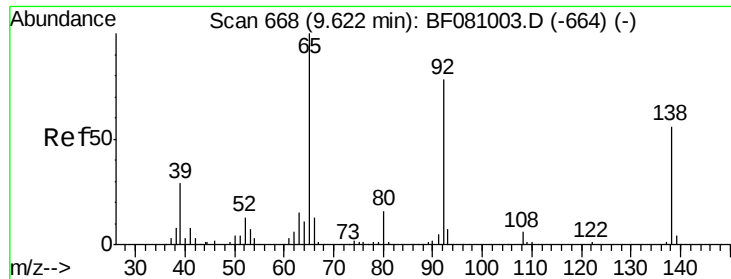
#51
 Acenaphthene
 Concen: 40.57 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion:154 Resp: 393695
 Ion Ratio Lower Upper
 154 100
 153 113.9 91.4 137.2
 152 54.2 43.7 65.5



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: 39.75 ng

RT: 9.61 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

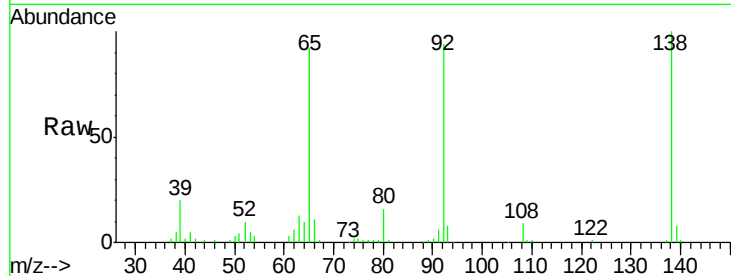
Tot Ion:138 Resp: 112612

Ion Ratio Lower Upper

138 100

108 9.0 9.4 14.2#

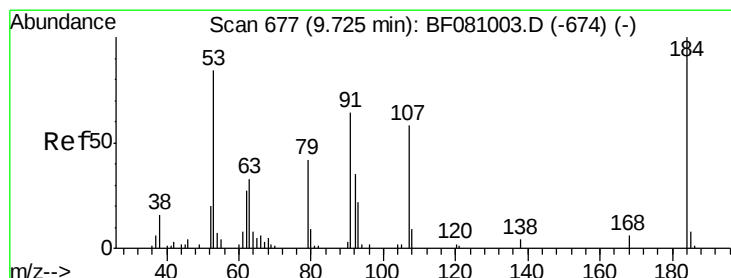
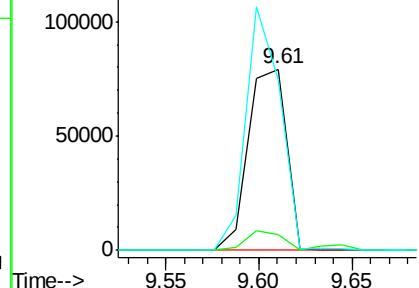
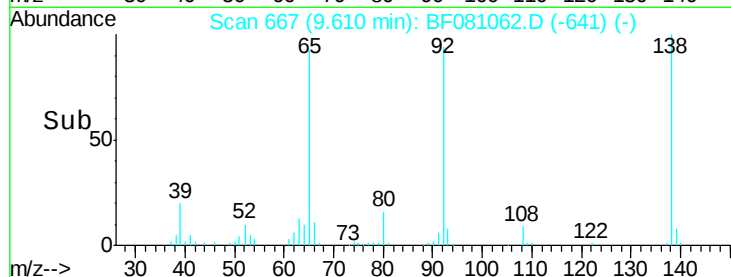
92 94.4 113.2 169.8#



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: 46.44 ng

RT: 9.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

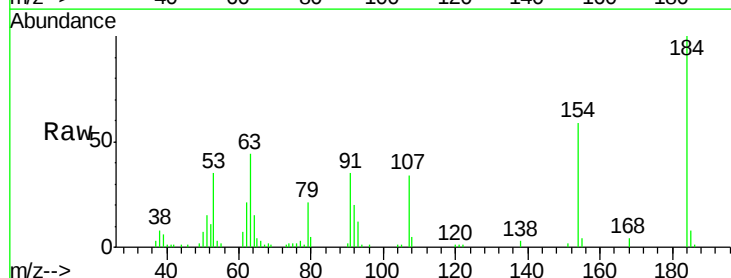
Tgt Ion:184 Resp: 52424

Ion Ratio Lower Upper

184 100

63 43.8 101.7 152.5#

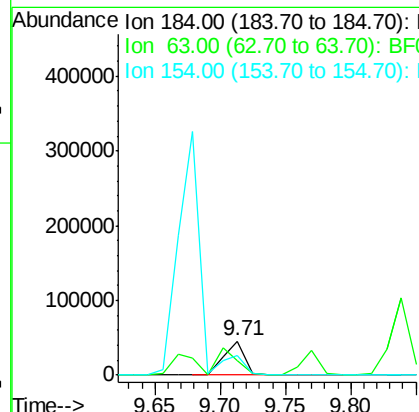
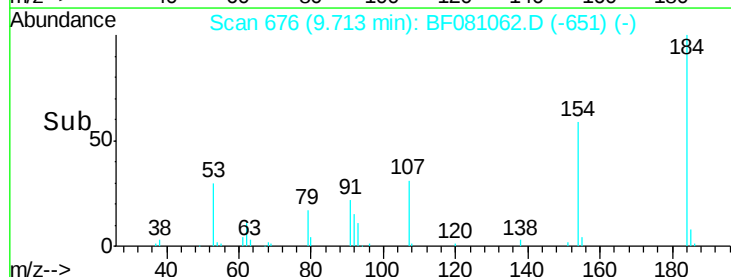
154 58.9 67.4 101.0#

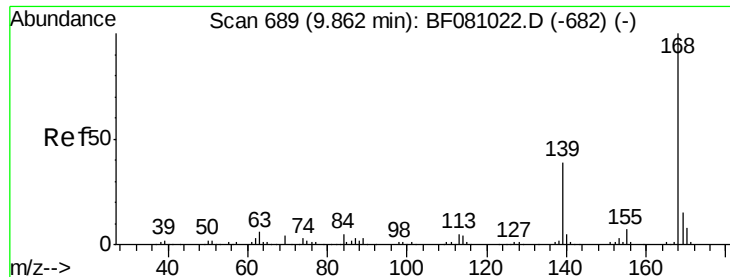


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

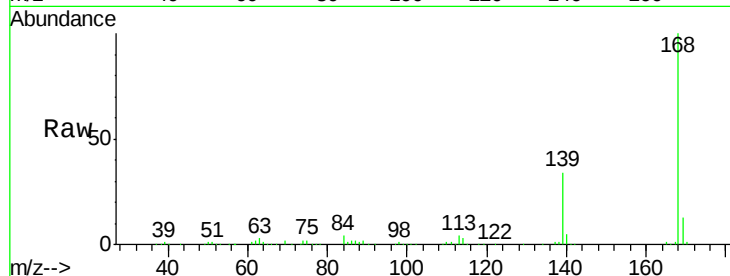




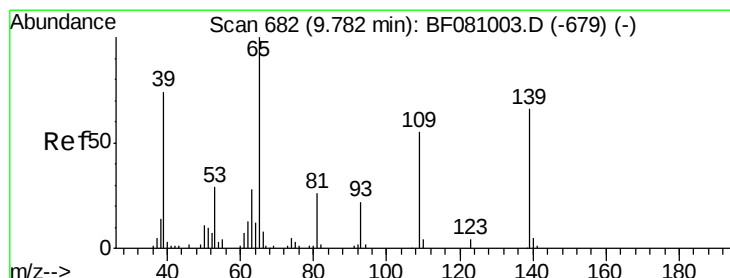
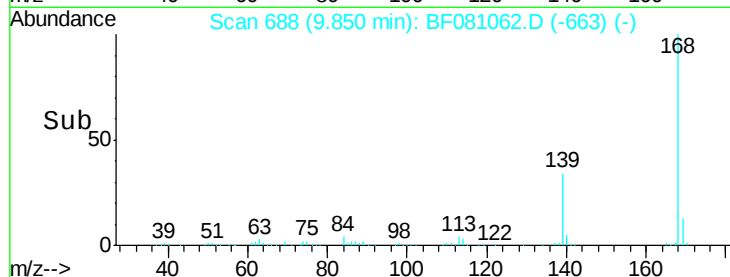
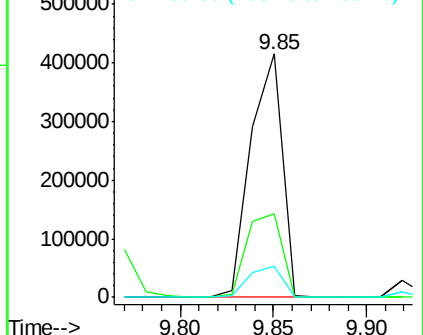
#54
Dibenzenofuran
Concen: 38.09 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 495323
Ion Ratio Lower Upper
168 100
139 34.4 29.3 43.9
169 12.7 10.3 15.5

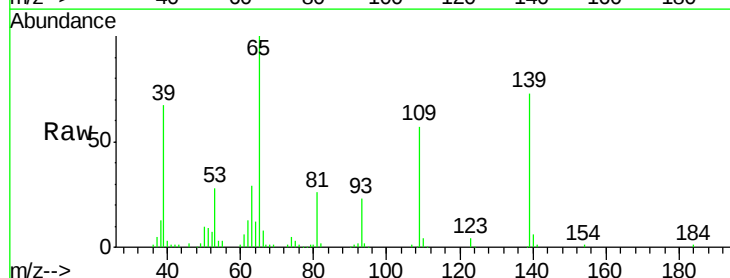


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

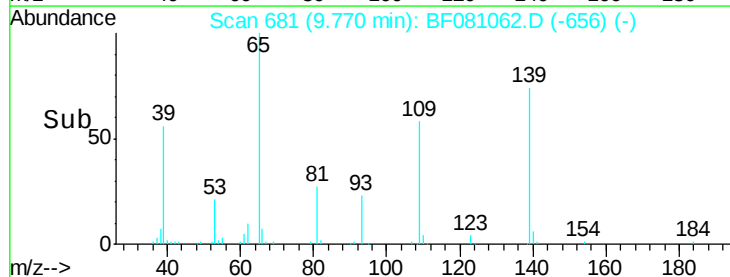
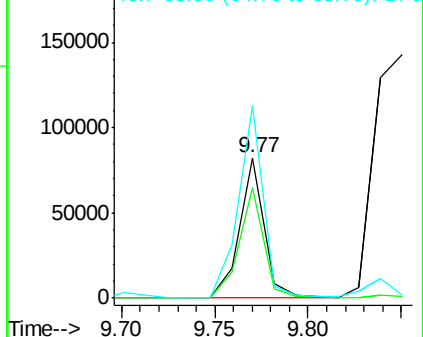


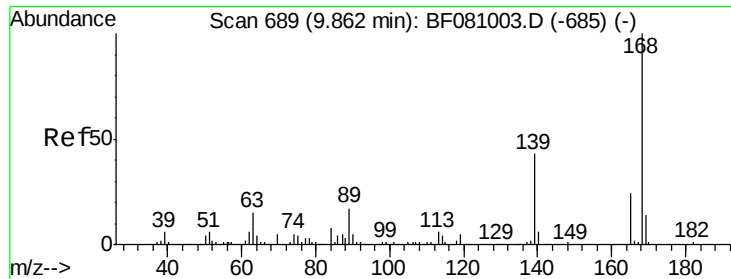
#55
4-Nitrophenol
Concen: 38.37 ng
RT: 9.77 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:139 Resp: 76346
Ion Ratio Lower Upper
139 100
109 78.7 80.0 120.0#
65 137.5 138.3 178.3#



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

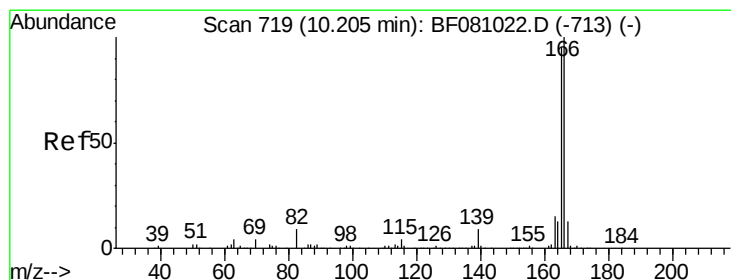
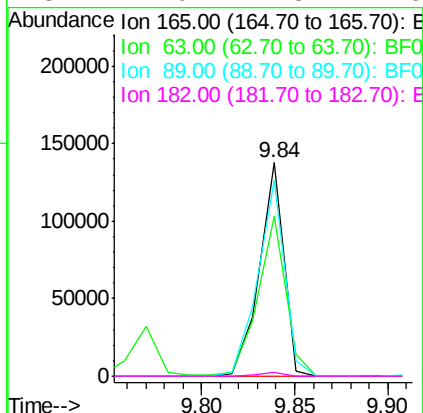
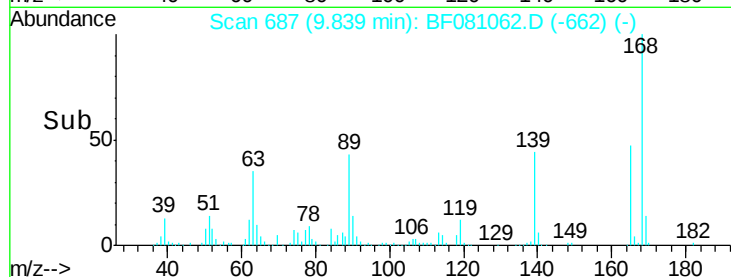
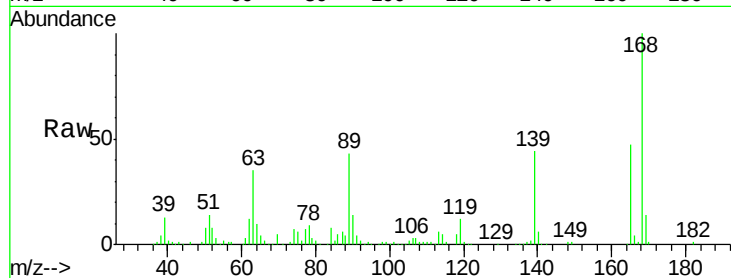




#56
2,4-Dinitrotoluene
Concen: 41.27 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

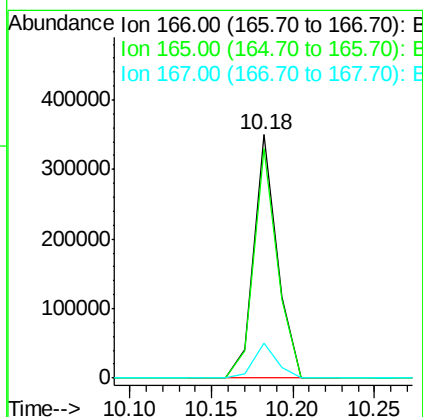
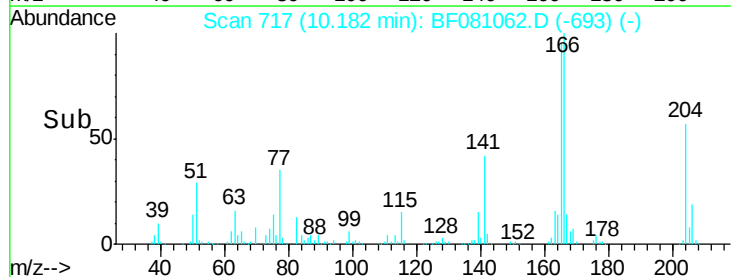
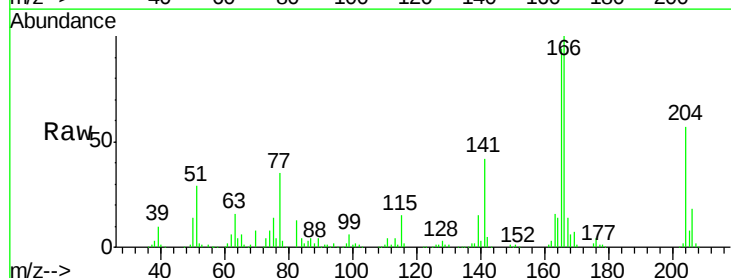
Instrument :
BNA_F
ClientSampleId :

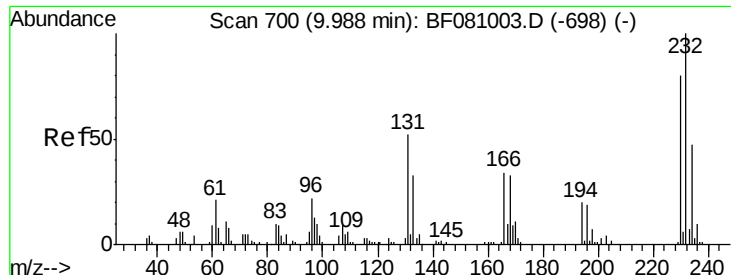
Tot Ion:165 Resp: 123850
Ion Ratio Lower Upper
165 100
63 74.9 52.2 78.4
89 91.5 60.1 90.1#
182 2.0 1.8 2.6



#57
Fluorene
Concen: 34.92 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:166 Resp: 349255
Ion Ratio Lower Upper
166 100
165 94.4 75.8 113.8
167 14.4 11.3 16.9

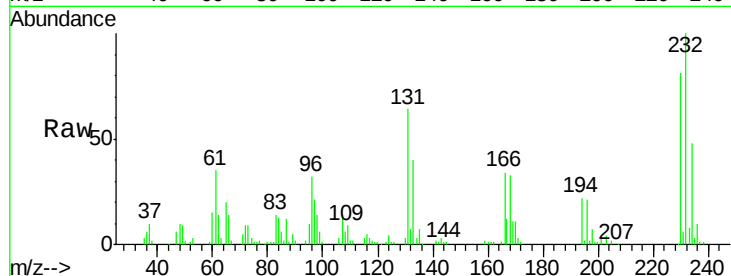




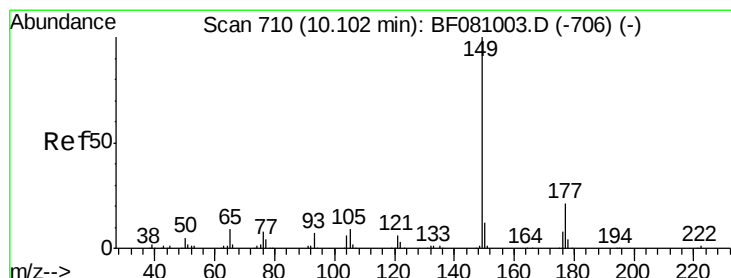
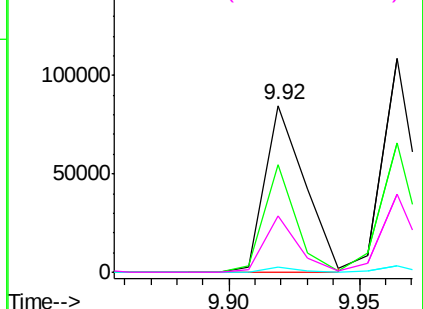
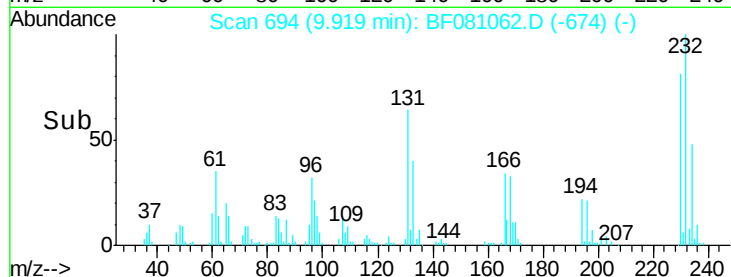
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.94 ng
 RT: 9.92 min Scan# 694
 Delta R.T. -0.07 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	90166
Ion	Ratio	Lower	Upper
232	100		
131	51.9	42.2	63.4
130	2.6	2.1	3.1
166	28.5	22.4	33.6

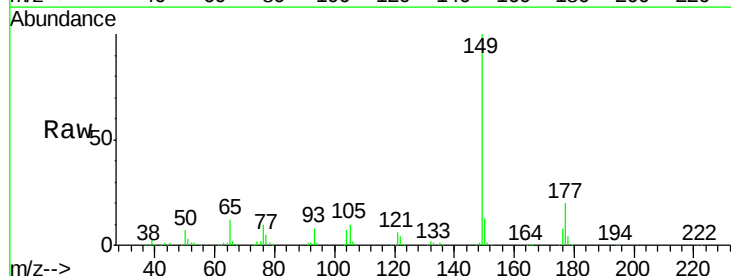


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

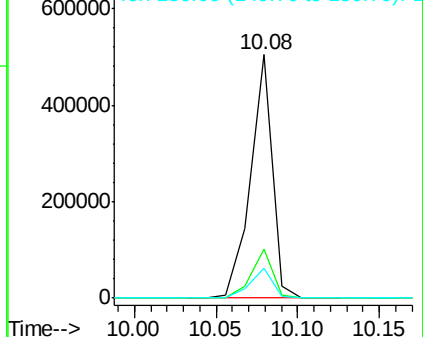
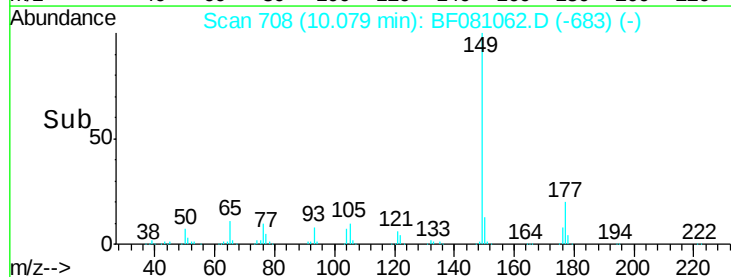


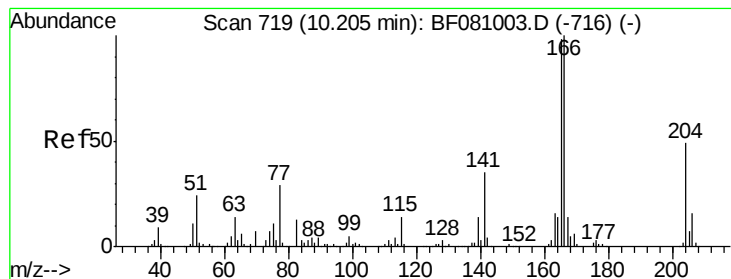
#59
 Diethylphthalate
 Concen: 41.82 ng
 RT: 10.08 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion:	149	Resp:	466719
Ion	Ratio	Lower	Upper
149	100		
177	20.3	14.1	21.1
150	12.5	10.3	15.5



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: 39.23 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

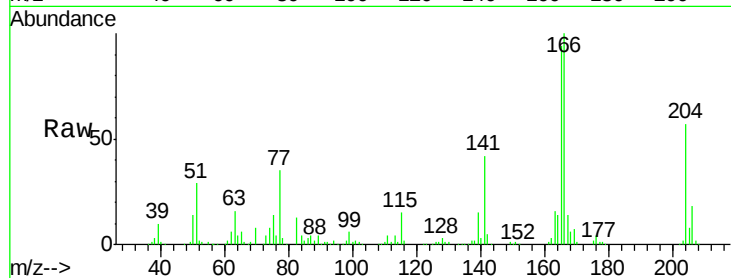
Tot Ion:204 Resp: 166029

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

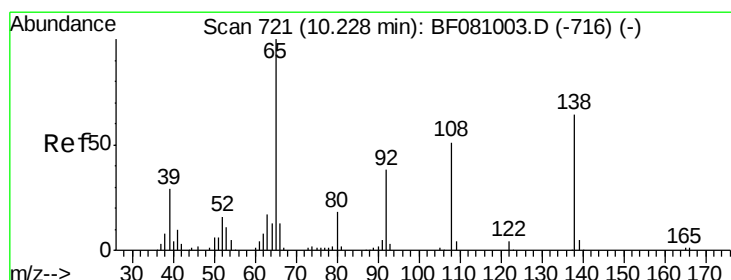
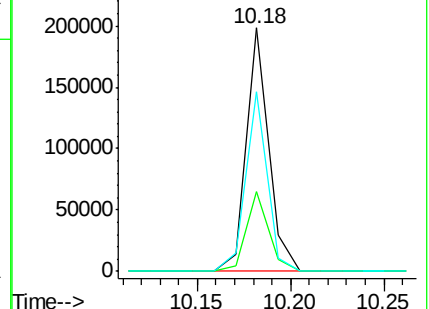
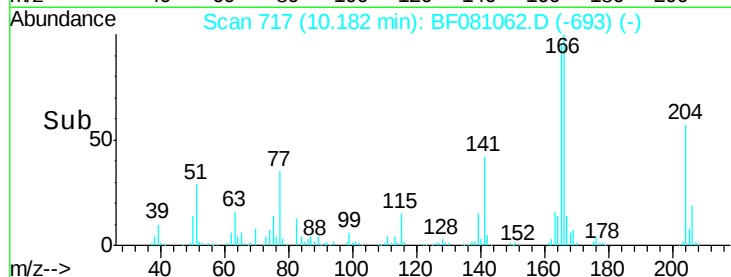
141 73.7 59.6 89.4



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: 36.70 ng

RT: 10.22 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

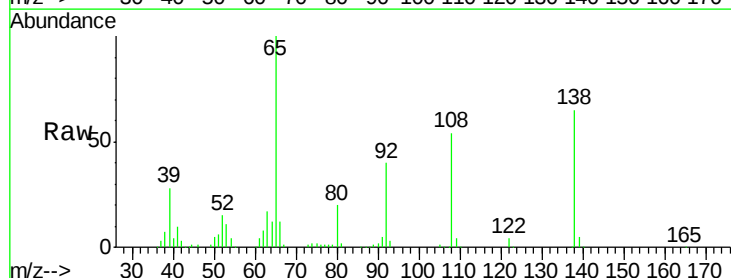
Tgt Ion:138 Resp: 106276

Ion Ratio Lower Upper

138 100

92 60.8 34.7 74.7

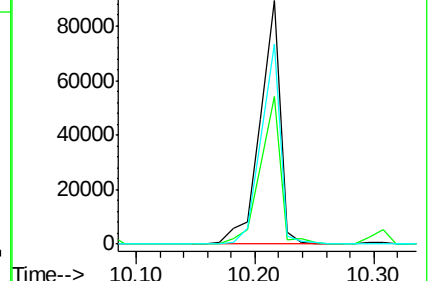
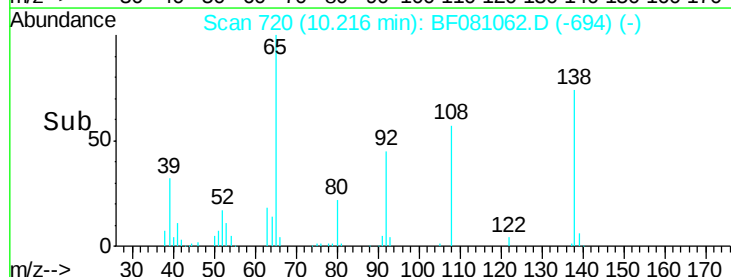
108 82.3 68.9 108.9

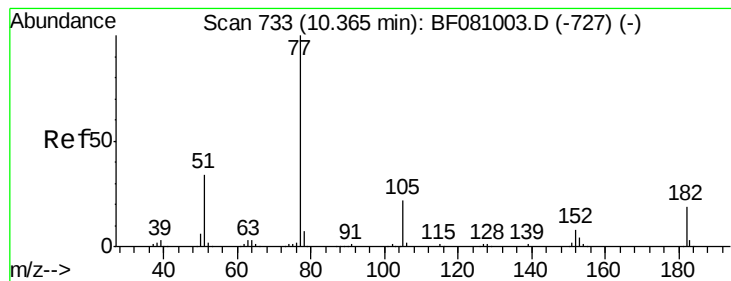


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 42.04 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 540639

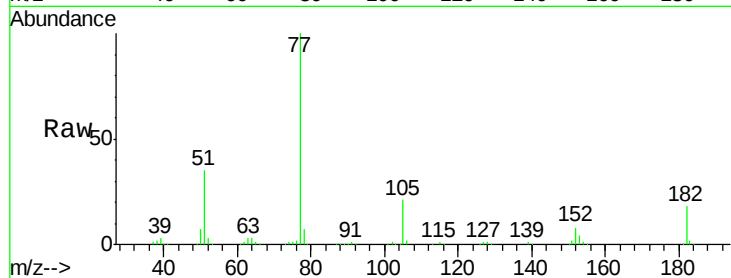
Ion Ratio Lower Upper

77 100

182 17.6 0.0 39.0

105 21.2 0.2 40.2

51 35.1 18.0 58.0

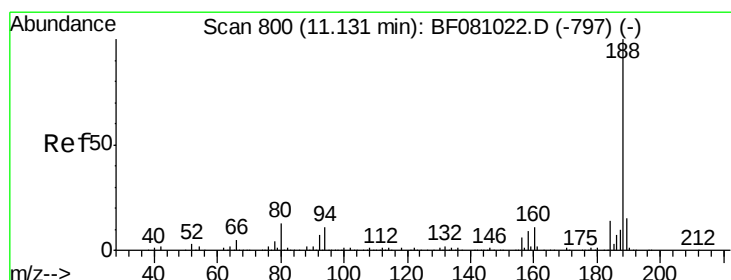
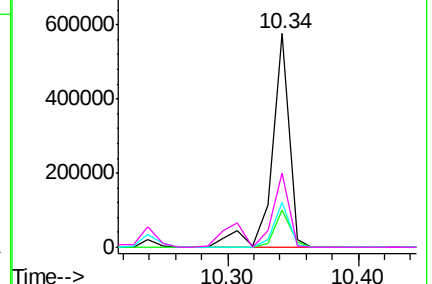
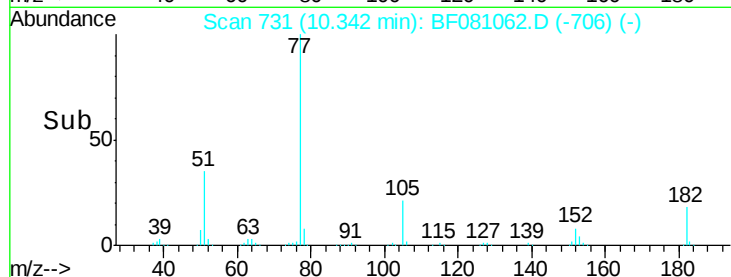


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

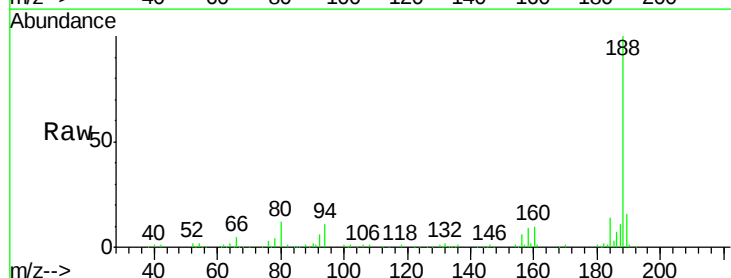
Tgt Ion: 188 Resp: 245781

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.2

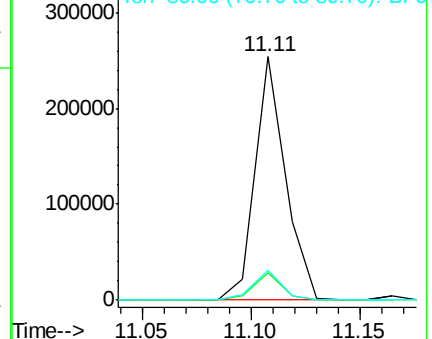
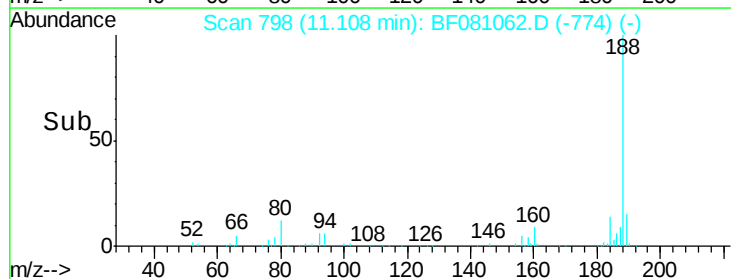
80 12.2 9.5 14.3

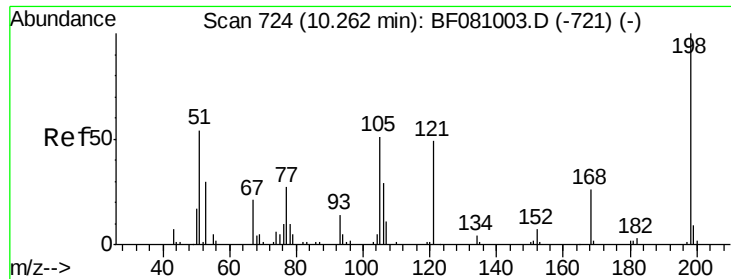


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 45.58 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

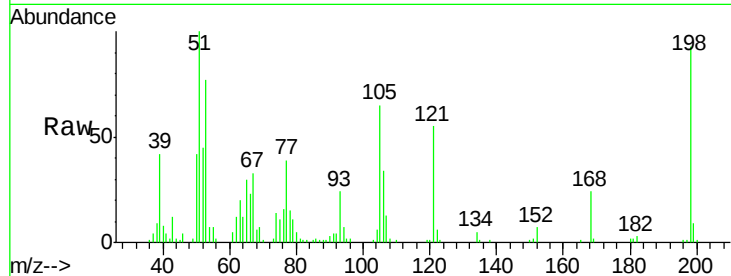
Tot Ion:198 Resp: 66902

Ion Ratio Lower Upper

198 100

51 107.1 79.7 119.7

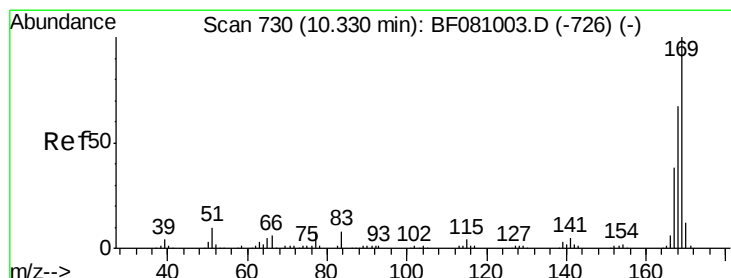
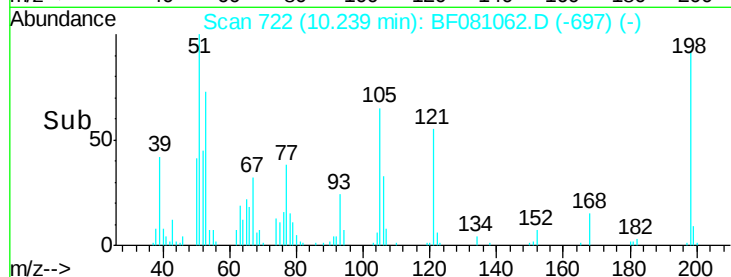
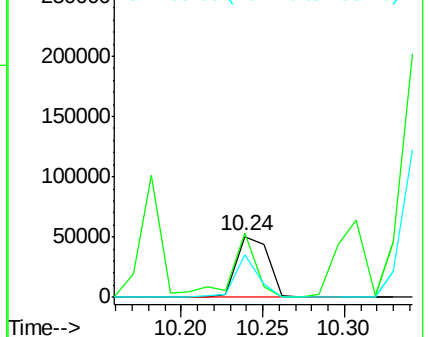
105 69.9 47.0 87.0



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: 44.39 ng

RT: 10.31 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

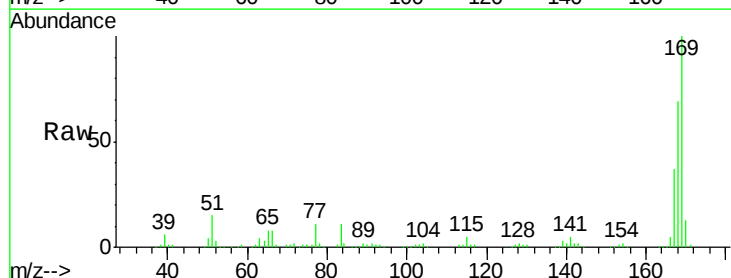
Tgt Ion:169 Resp: 389444

Ion Ratio Lower Upper

169 100

168 69.0 55.3 82.9

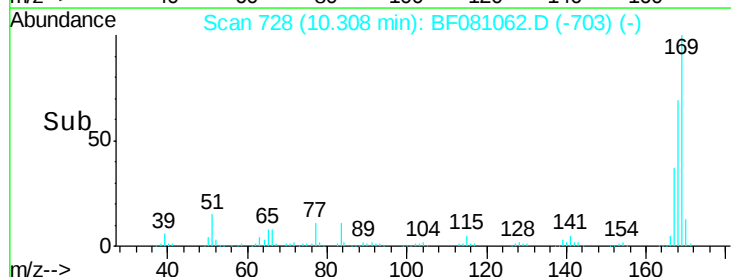
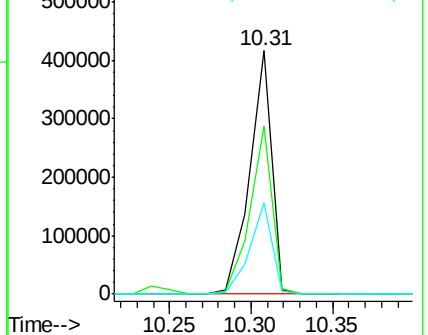
167 37.4 30.8 46.2

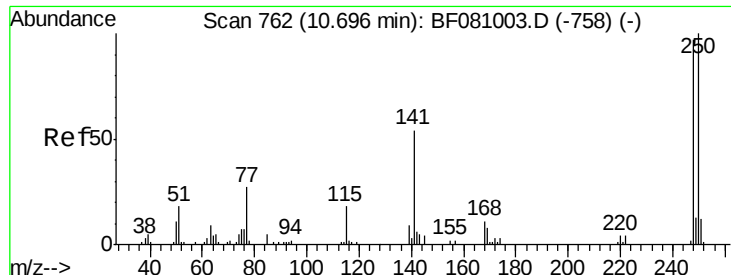


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

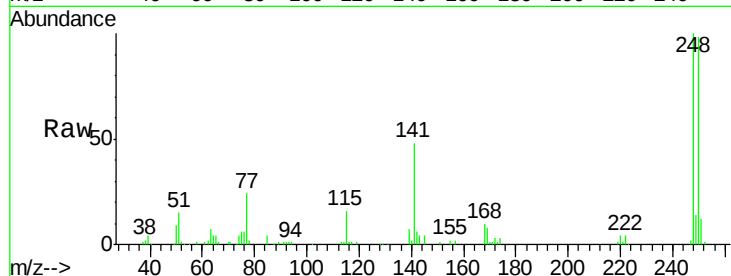




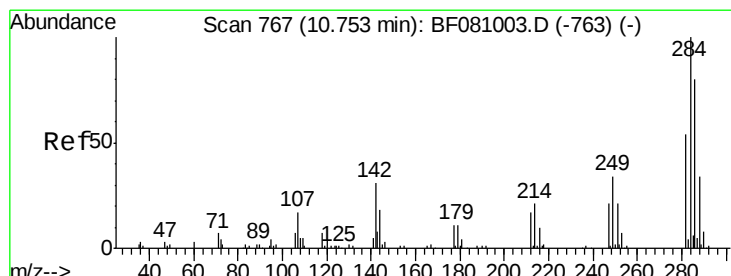
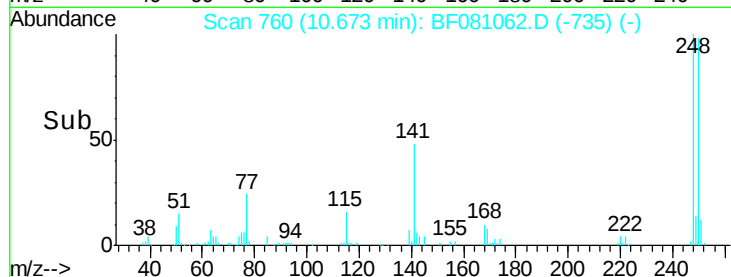
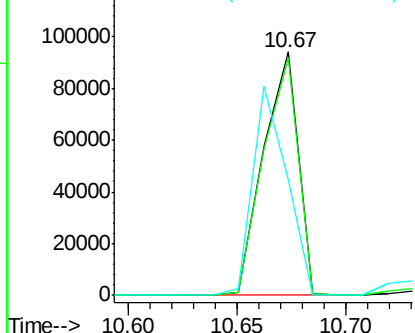
#66
 4-Bromophenyl-phenylether
 Concen: 43.63 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 105340
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.8 116.6
 141 47.7 39.8 59.6

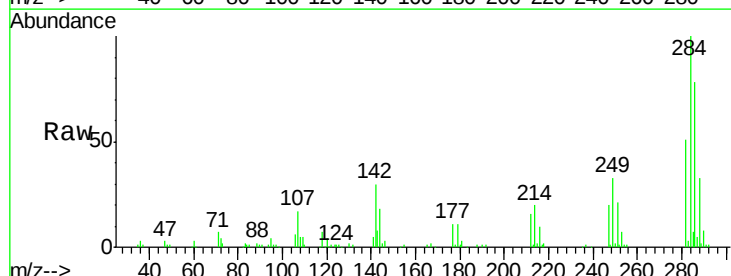


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

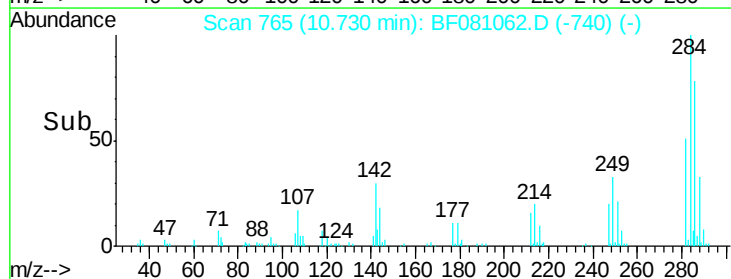
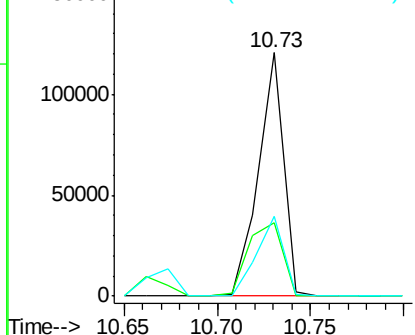


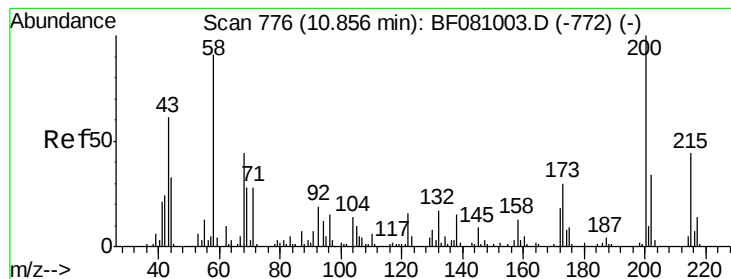
#67
 Hexachlorobenzene
 Concen: 45.89 ng
 RT: 10.73 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF081062.D
 Acq: 19 Aug 2015 1:40

Tgt Ion:284 Resp: 112226
 Ion Ratio Lower Upper
 284 100
 142 30.0 25.4 38.0
 249 32.6 28.5 42.7



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: 41.11 ng

RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

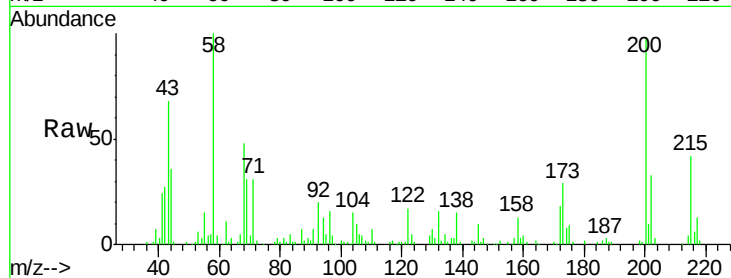
Tot Ion:200 Resp: 100489

Ion Ratio Lower Upper

200 100

173 30.0 8.1 48.1

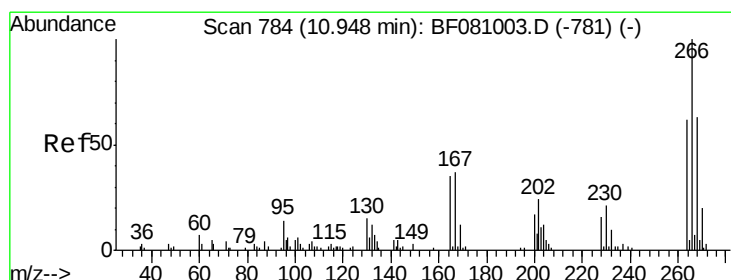
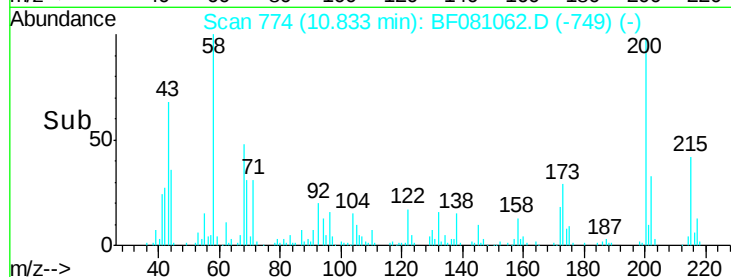
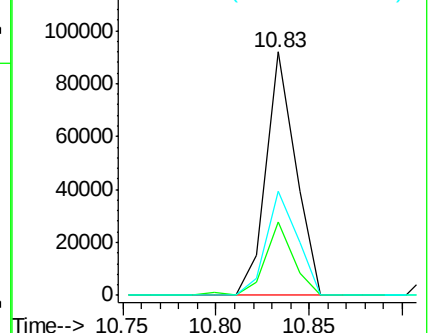
215 43.0 23.3 63.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 45.07 ng

RT: 10.92 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

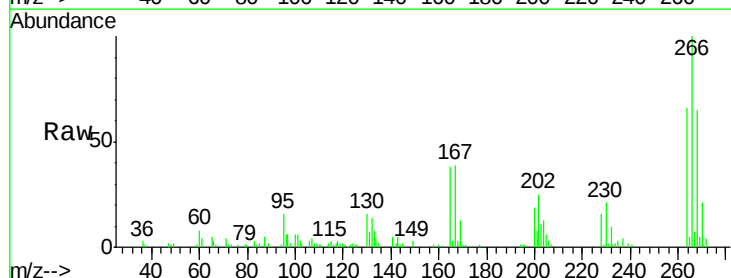
Tgt Ion:266 Resp: 66122

Ion Ratio Lower Upper

266 100

268 65.3 51.2 76.8

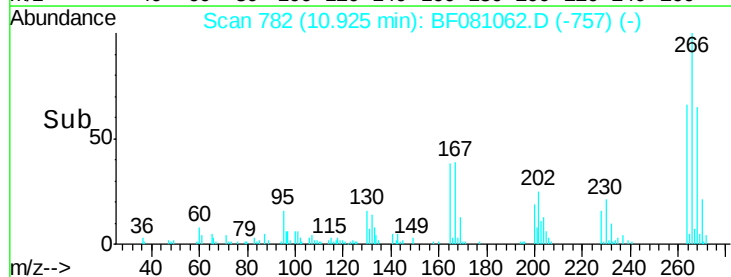
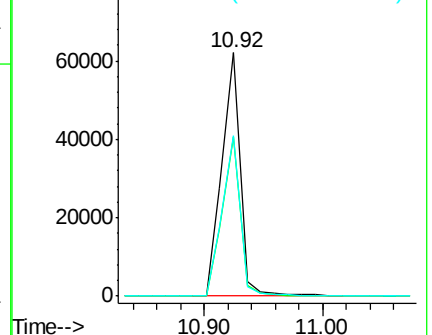
264 66.0 50.6 75.8

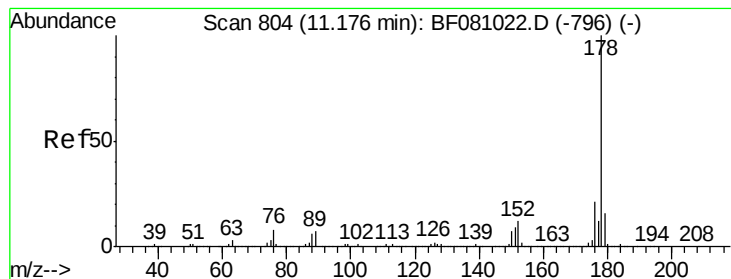


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 38.53 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampled :

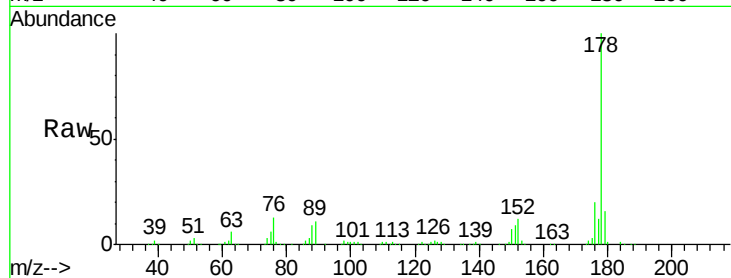
Tot Ion:178 Resp: 561259

Ion Ratio Lower Upper

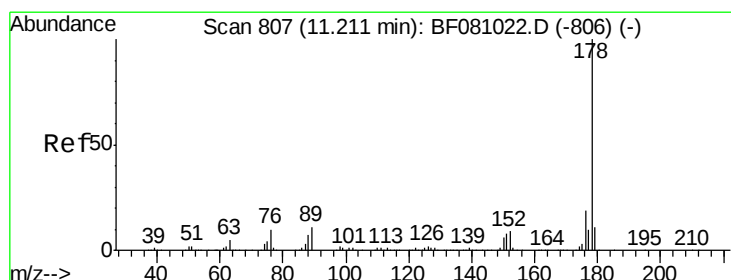
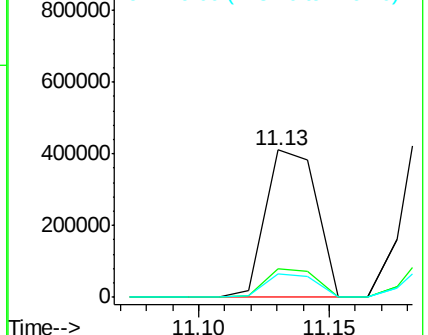
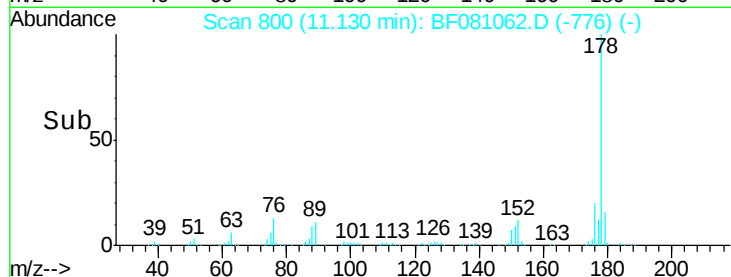
178 100

176 19.8 15.7 23.5

179 15.7 12.2 18.2



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



#71

Anthracene

Concen: 42.01 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

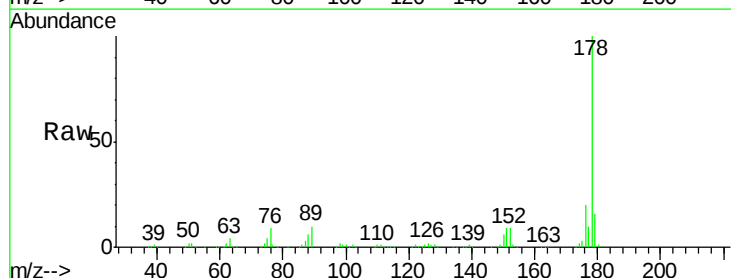
Tgt Ion:178 Resp: 595523

Ion Ratio Lower Upper

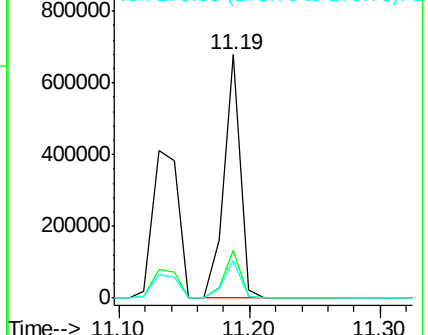
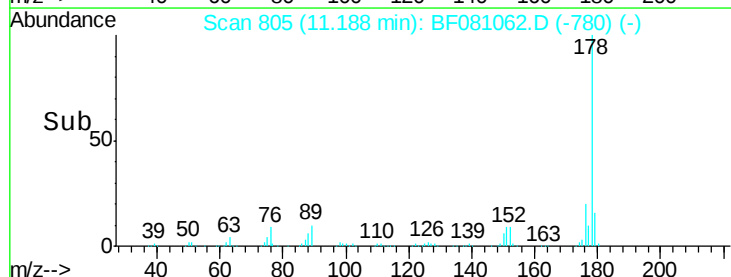
178 100

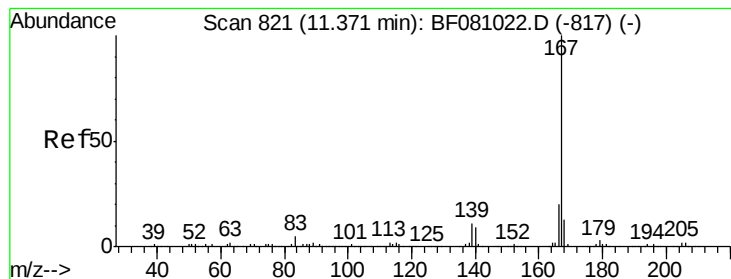
176 19.5 15.7 23.5

179 15.6 12.7 19.1



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





#72

Carbazole

Concen: 44.85 ng

RT: 11.35 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

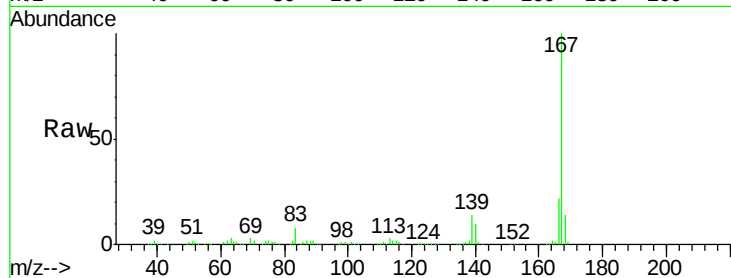
Tot Ion:167 Resp: 612013

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

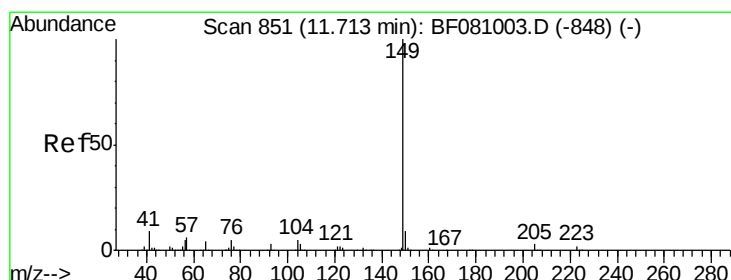
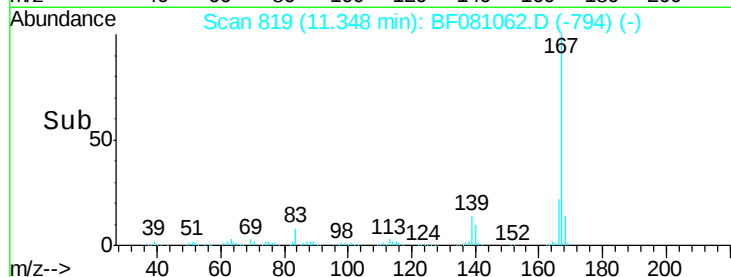
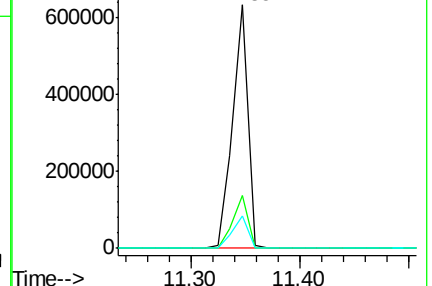
139 13.5 10.6 16.0



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: 45.96 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

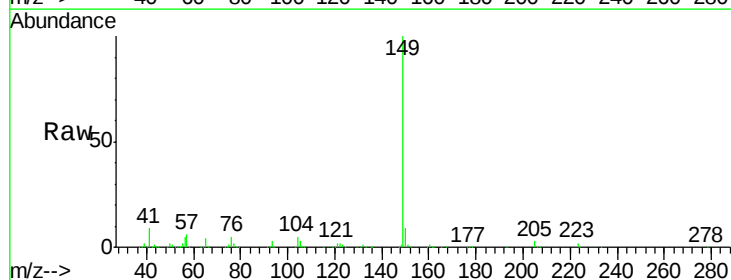
Tgt Ion:149 Resp: 758911

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

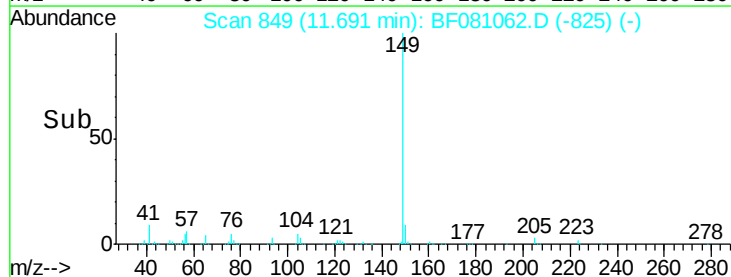
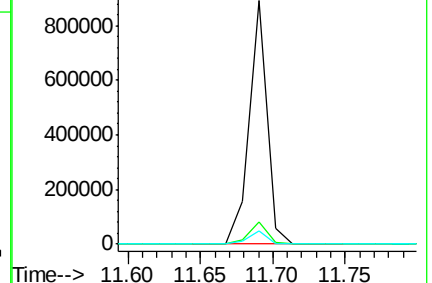
104 5.2 3.9 5.9

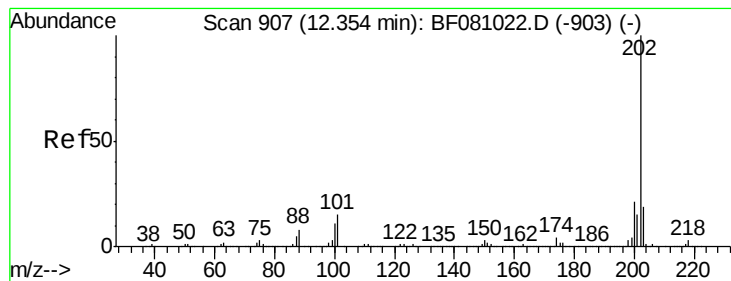


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 39.63 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

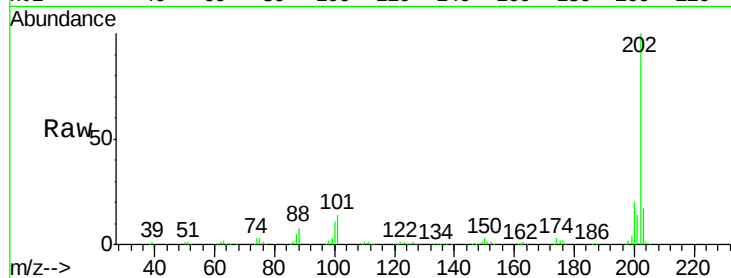
Tot Ion:202 Resp: 622931

Ion Ratio Lower Upper

202 100

101 14.0 0.0 24.8

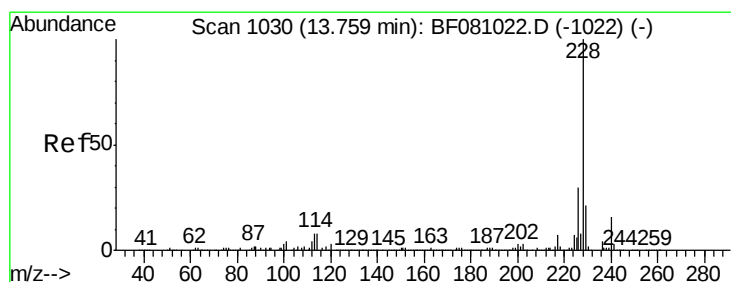
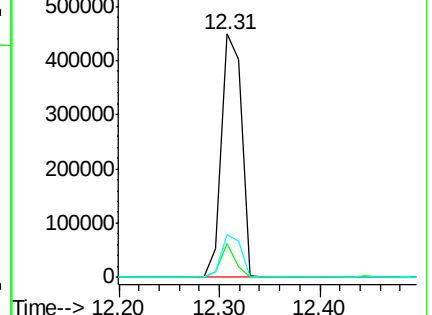
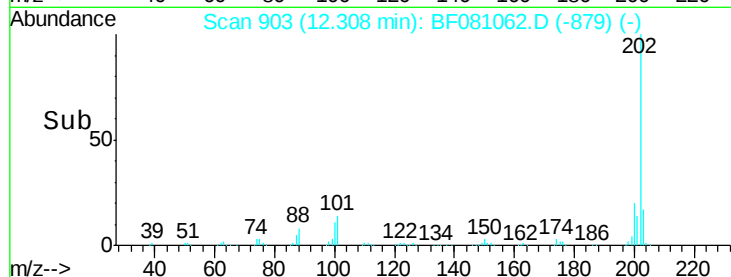
203 17.3 0.0 36.9



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: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

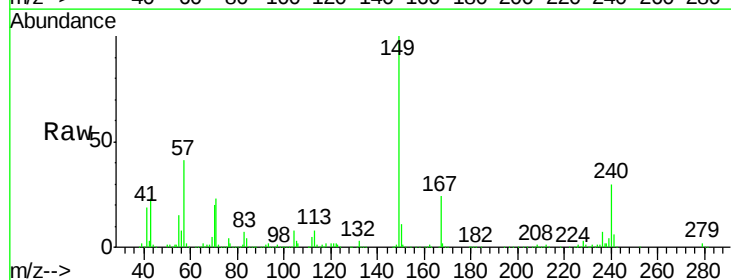
Tgt Ion:240 Resp: 189638

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

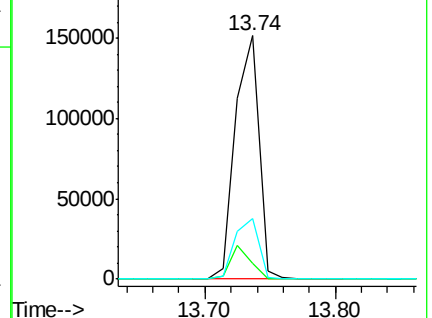
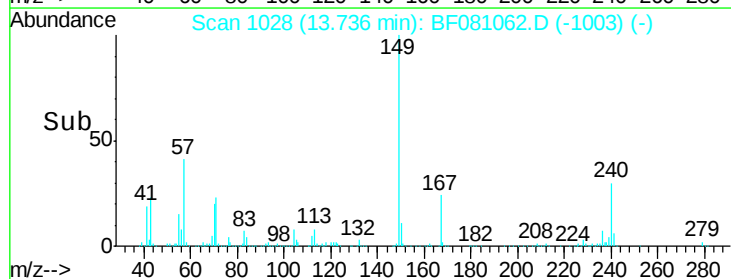
236 24.8 20.6 30.8

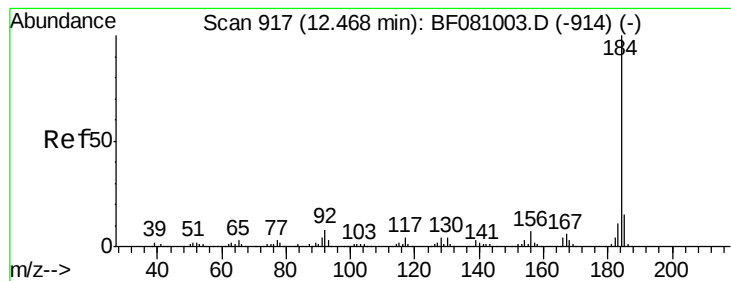


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 51.78 ng

RT: 12.44 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

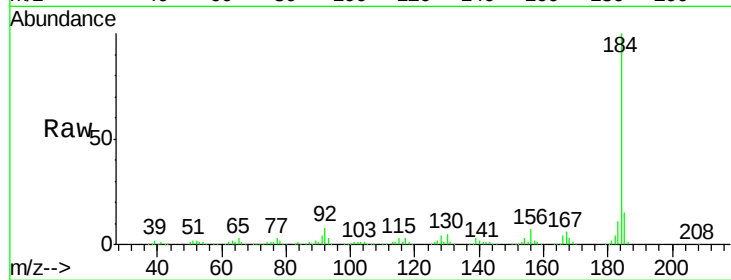
Tot Ion:184 Resp: 370957

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

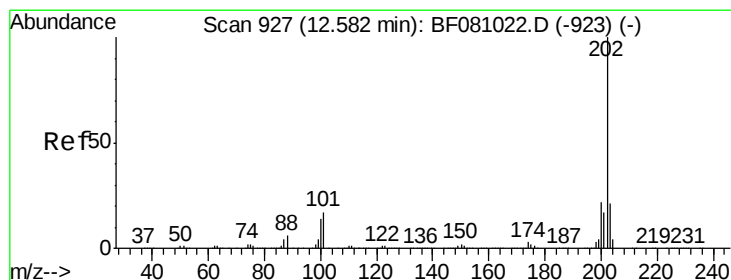
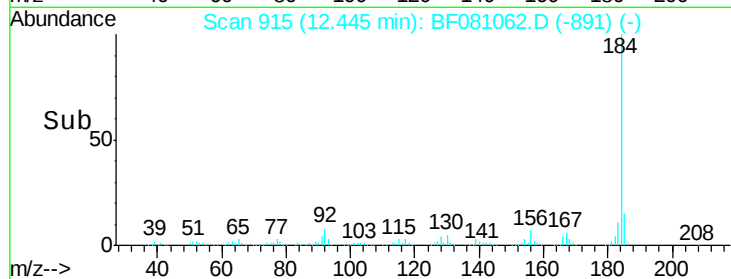
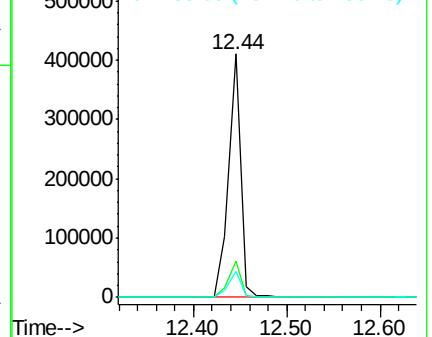
183 10.9 8.9 13.3



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: 38.78 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

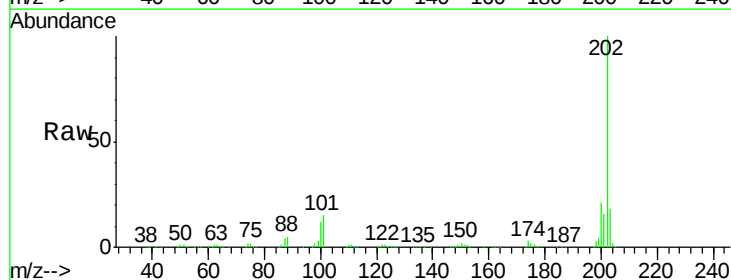
Tgt Ion:202 Resp: 597890

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

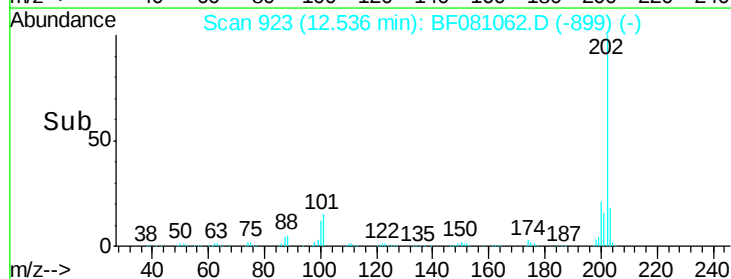
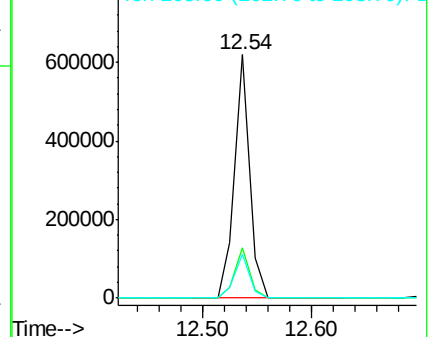
203 18.0 14.1 21.1

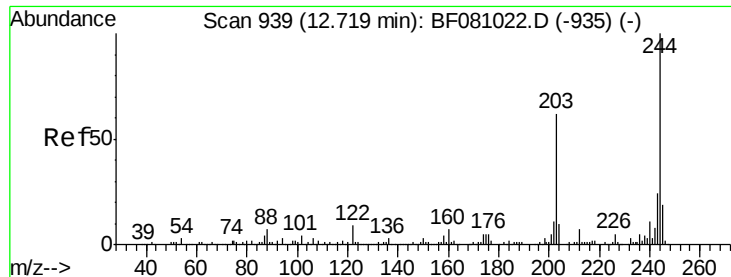


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.80 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampled :

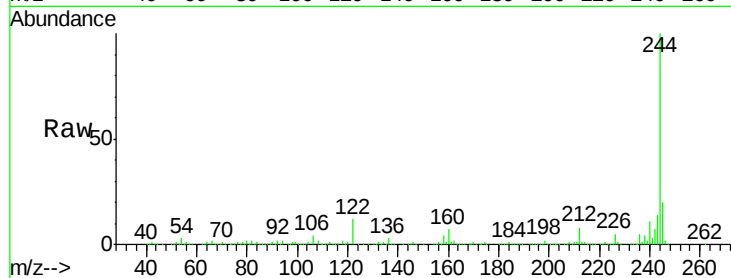
Tot Ion:244 Resp: 812047

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

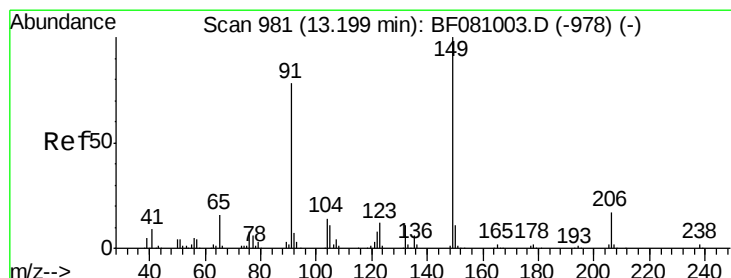
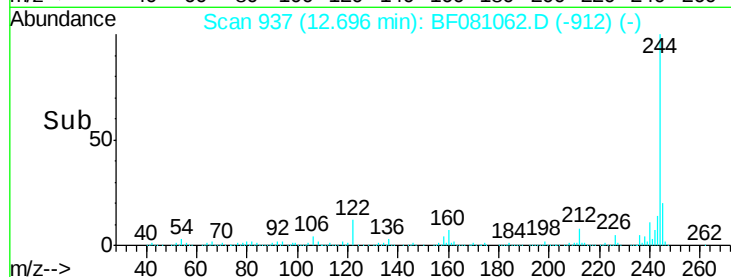
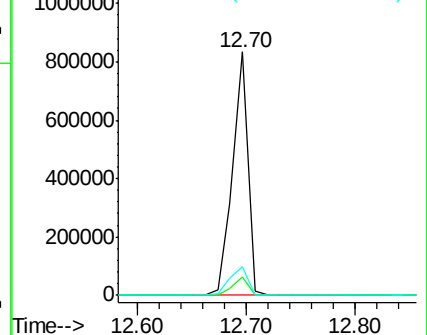
122 11.9 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 53.01 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

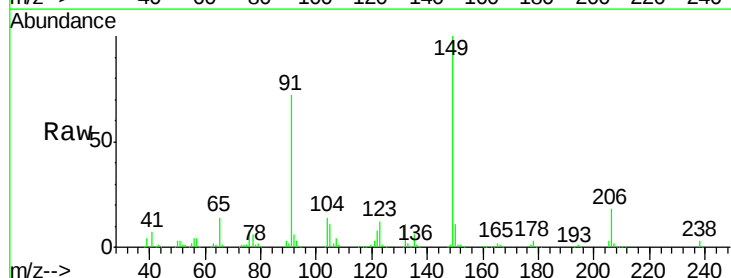
Tgt Ion:149 Resp: 351305

Ion Ratio Lower Upper

149 100

91 72.1 46.9 70.3#

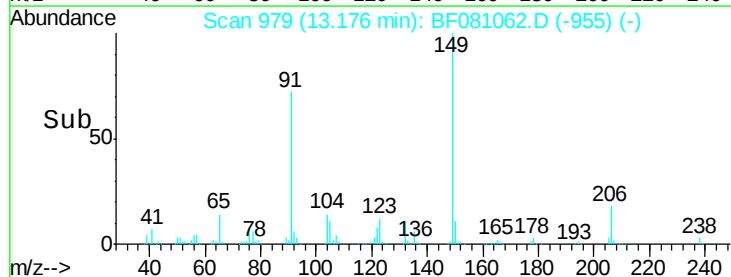
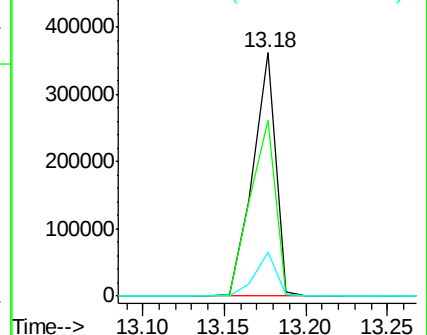
206 18.1 17.0 25.4

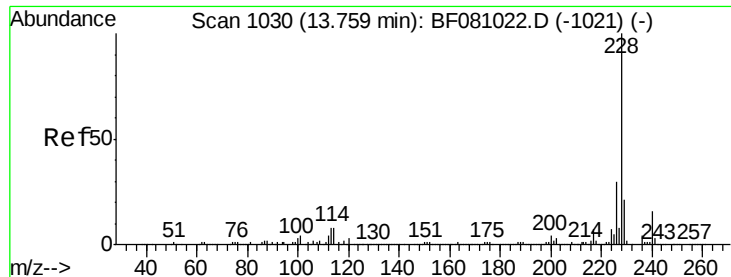


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

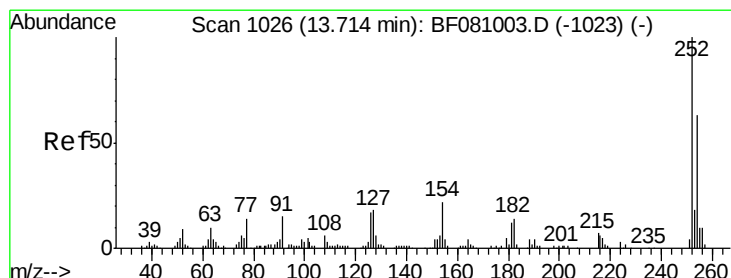
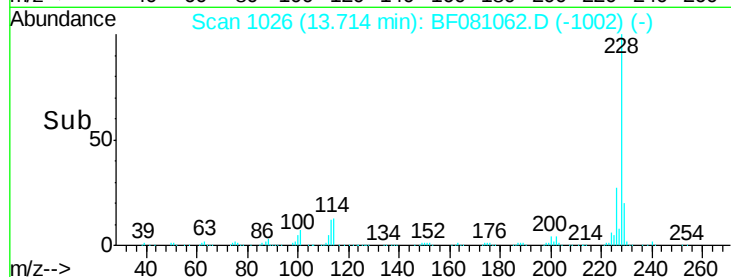
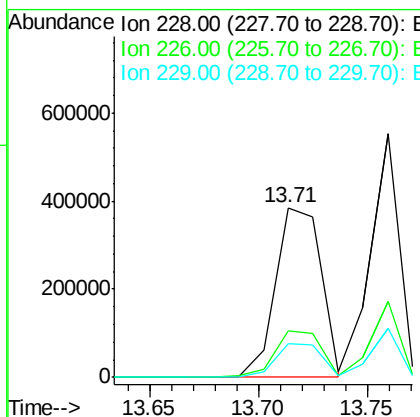
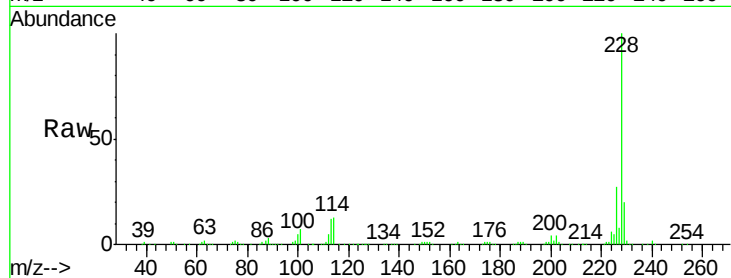




#80
Benzo(a)anthracene
Concen: 44.56 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

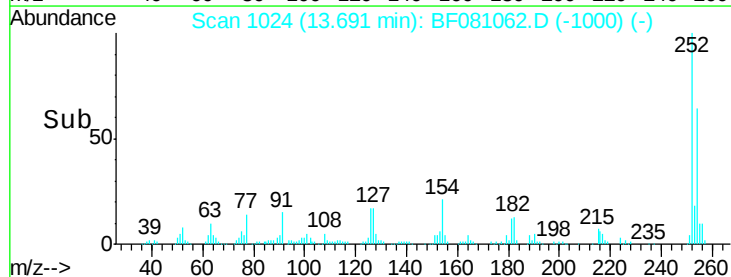
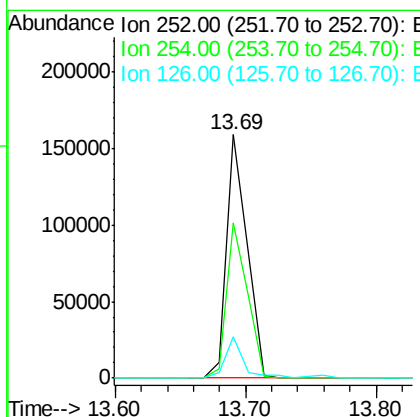
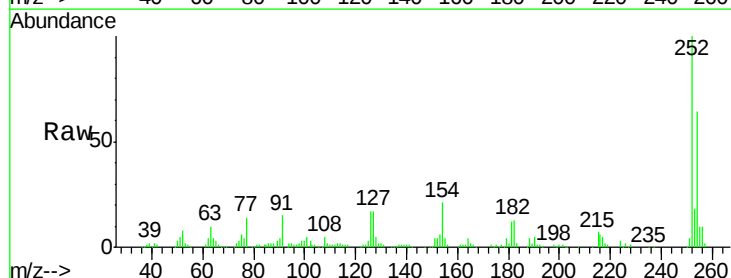
Instrument :
BNA_F
ClientSampleId :

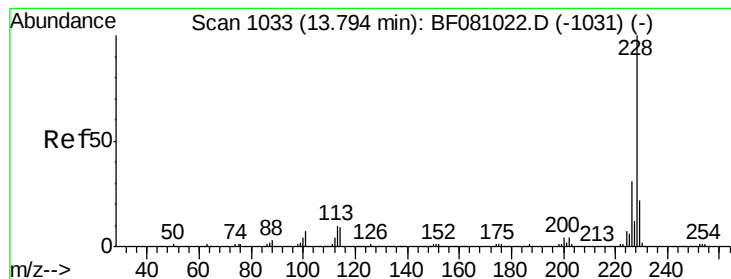
Tot Ion:228 Resp: 566674
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.8 15.9 23.9



#81
3,3'-Dichlorobenzidine
Concen: 42.03 ng
RT: 13.69 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:252 Resp: 173161
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 16.8 12.5 18.7





#82

Chrysene

Concen: 44.47 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

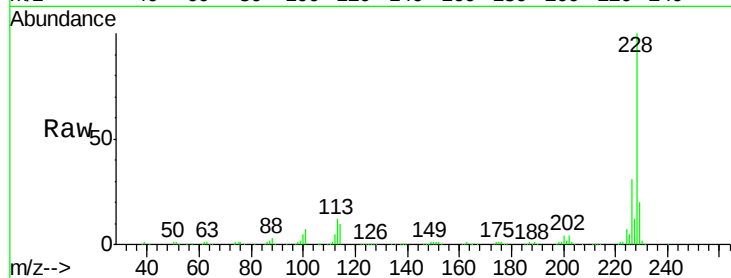
Tot Ion:228 Resp: 509729

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

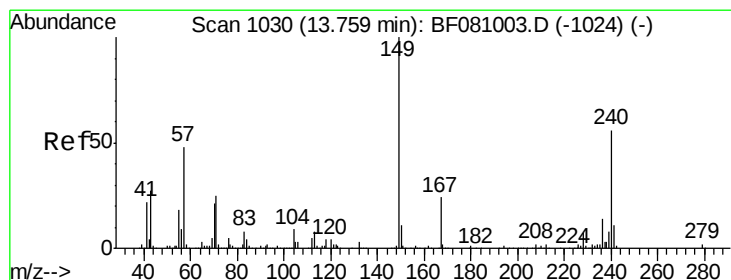
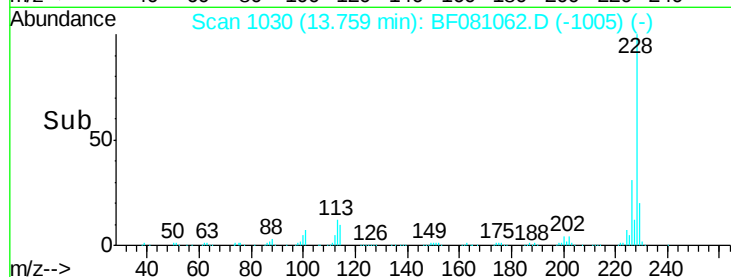
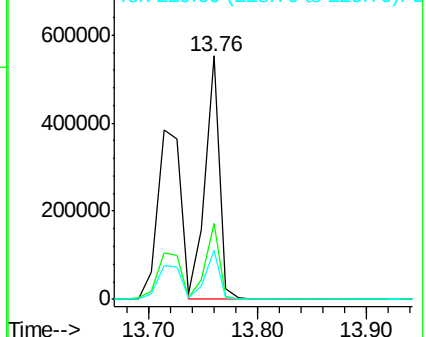
229 20.3 16.0 24.0



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: 54.63 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

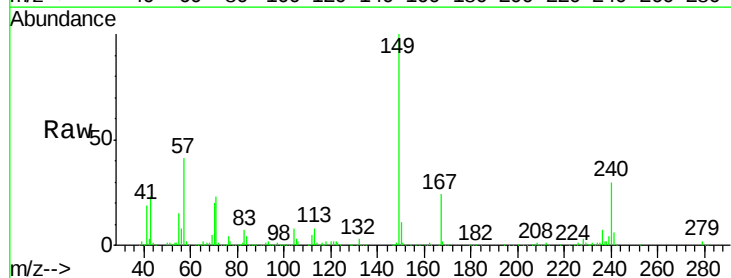
Tgt Ion:149 Resp: 463656

Ion Ratio Lower Upper

149 100

167 24.3 20.7 31.1

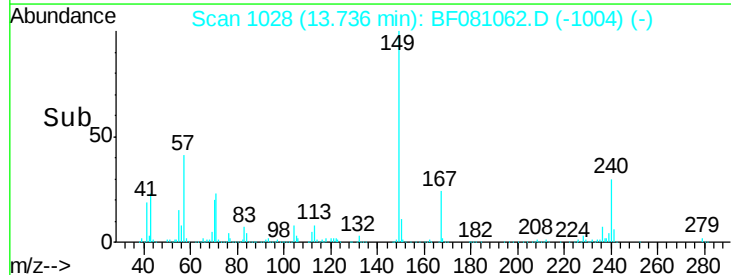
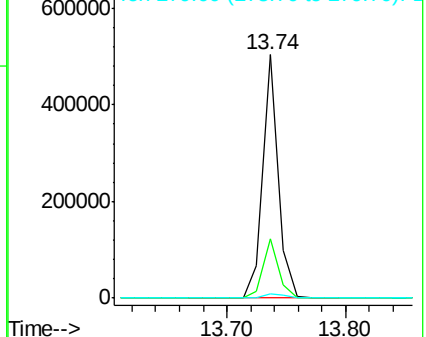
279 1.9 2.2 3.4#

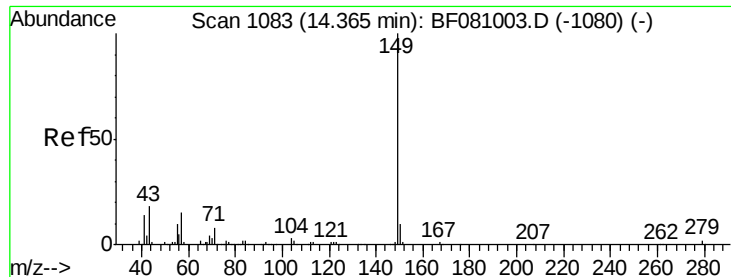


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 61.14 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

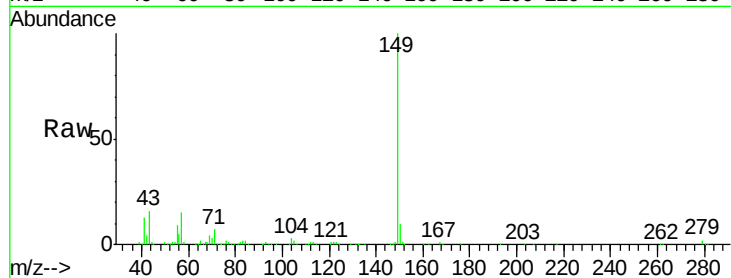
Tot Ion:149 Resp: 788700

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

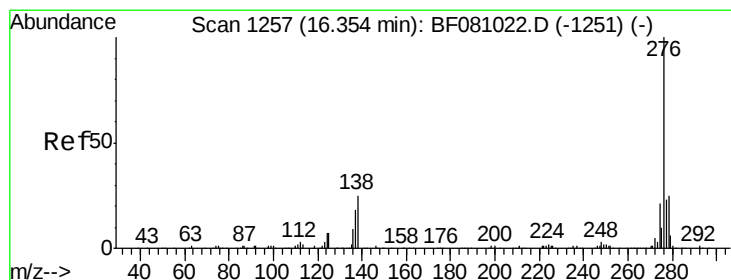
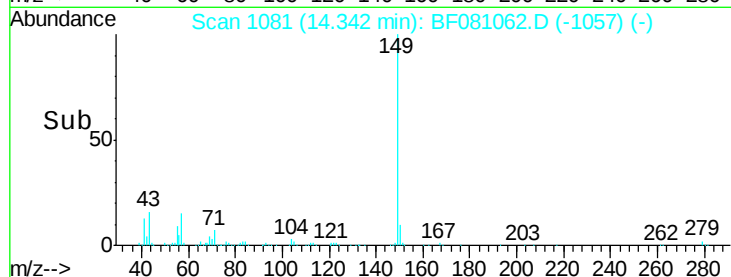
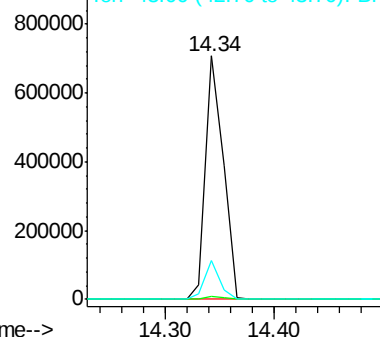
43 13.7 11.6 17.4



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): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 51.92 ng

RT: 16.30 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF081062.D

Acq: 19 Aug 2015 1:40

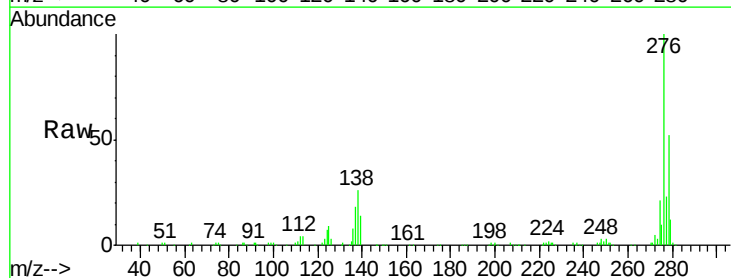
Tgt Ion:276 Resp: 417815

Ion Ratio Lower Upper

276 100

138 28.3 18.6 28.0#

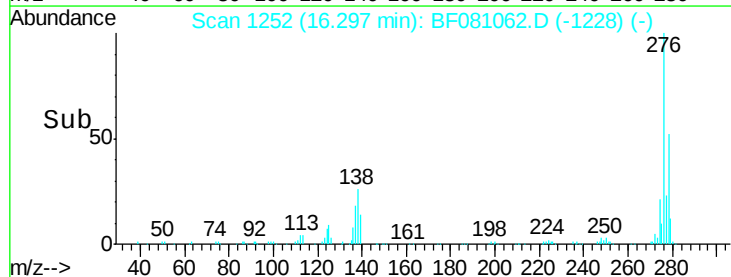
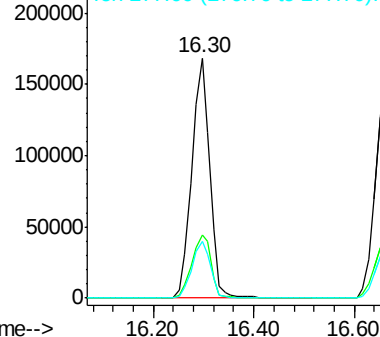
277 24.3 19.8 29.8

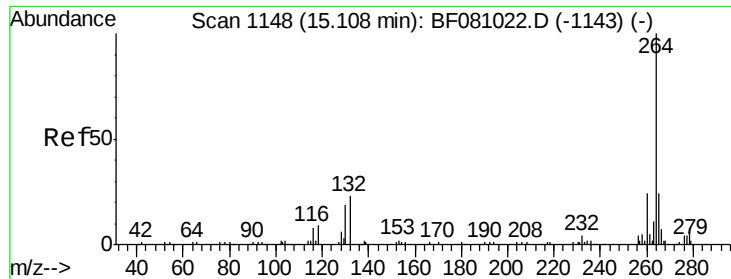


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



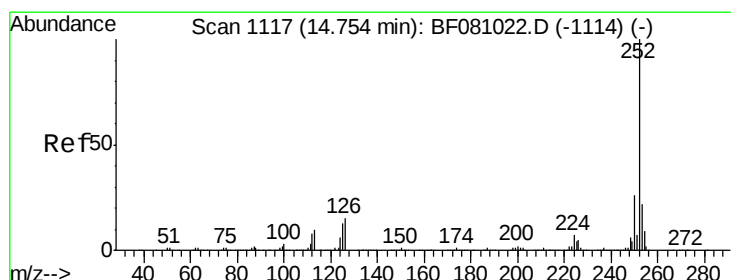
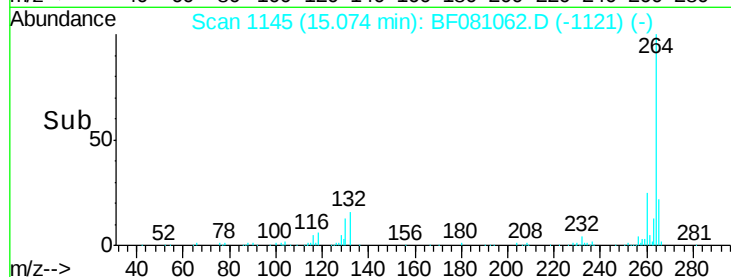
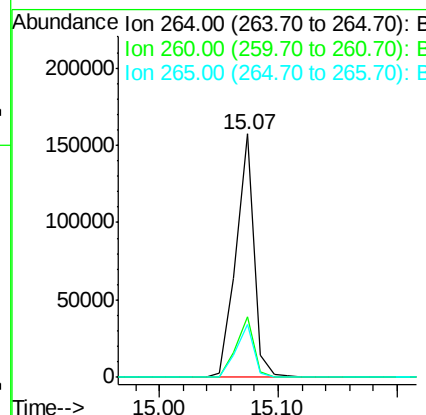
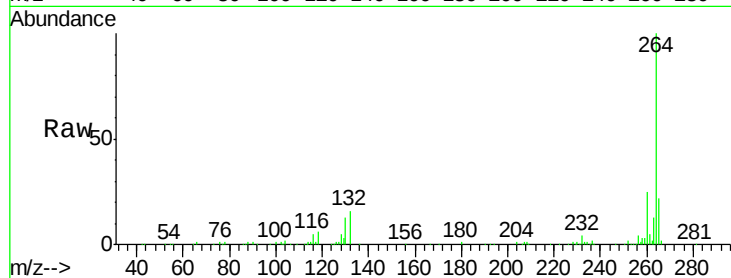


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 166768

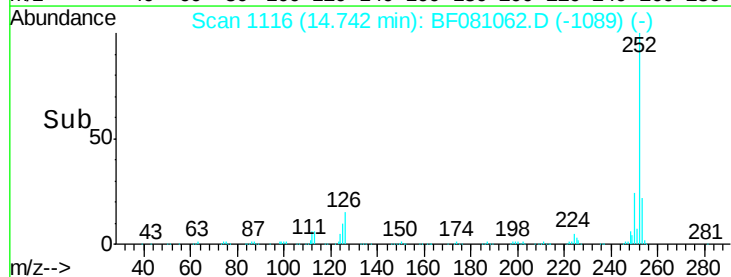
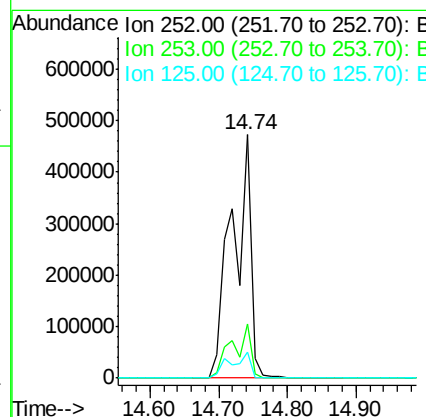
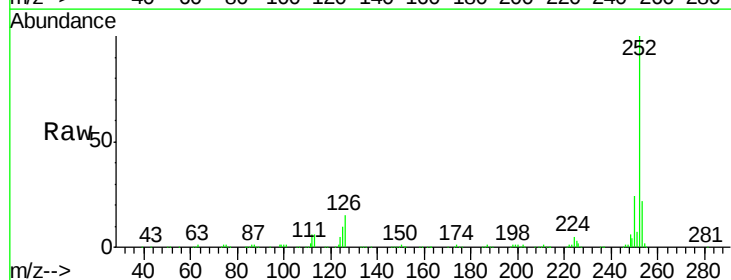
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.8	17.5	26.3

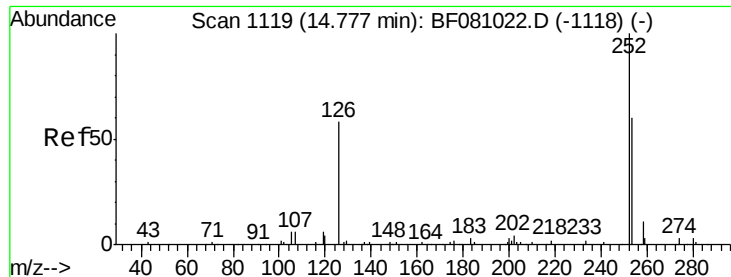


#87
Benzo(b)fluoranthene
Concen: 78.51 ng
RT: 14.74 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:252 Resp: 926083

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.5	8.0	12.0

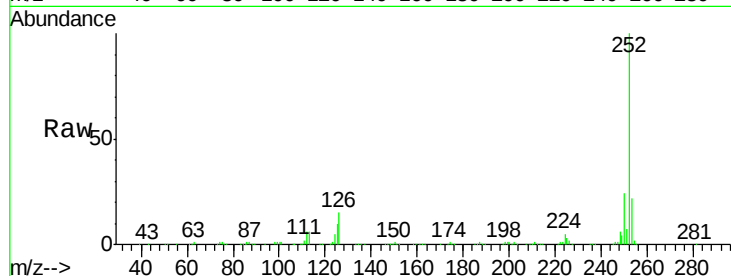




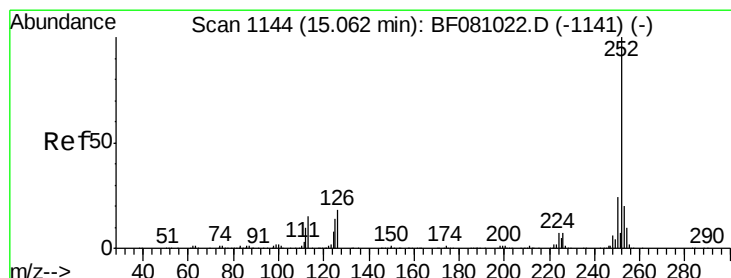
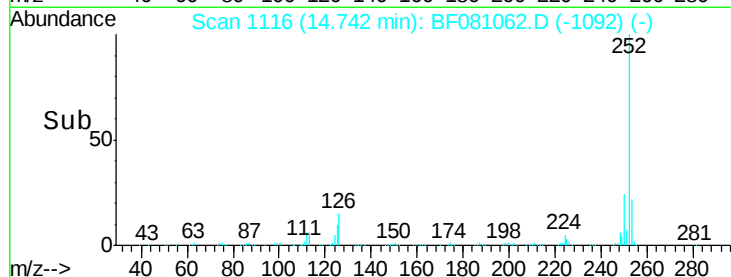
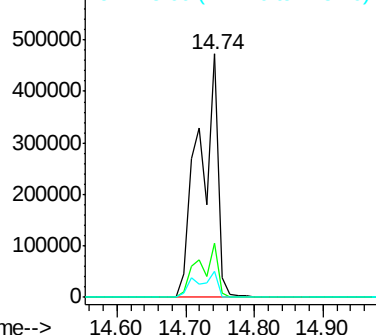
#88
Benzo(k)fluoranthene
Concen: 84.25 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 926083
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.5 10.3 15.5

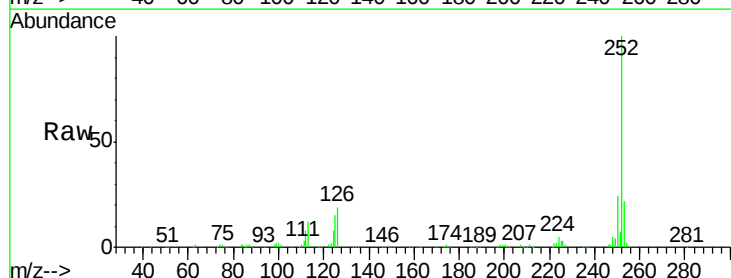


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

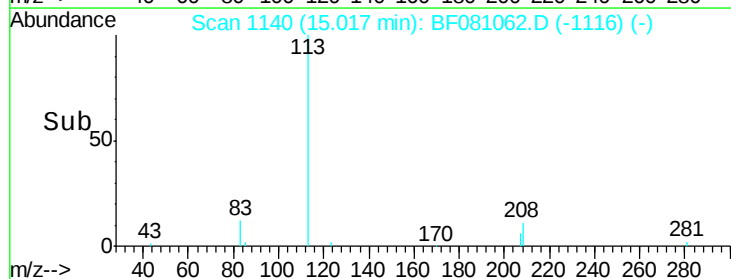
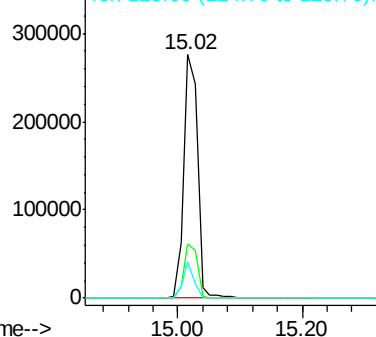


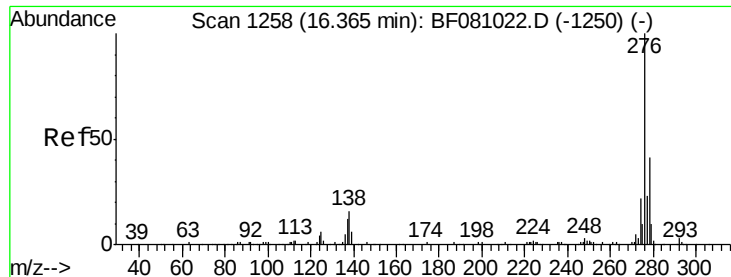
#89
Benzo(a)pyrene
Concen: 40.79 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:252 Resp: 419242
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 14.7 7.8 11.8#



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

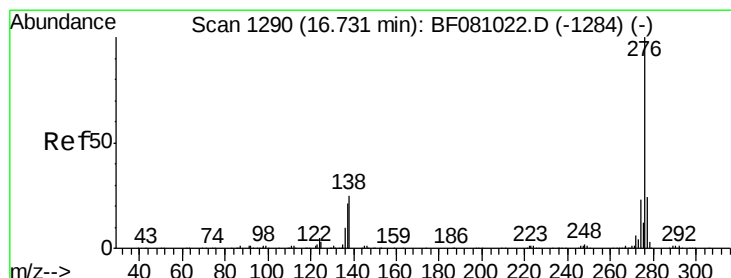
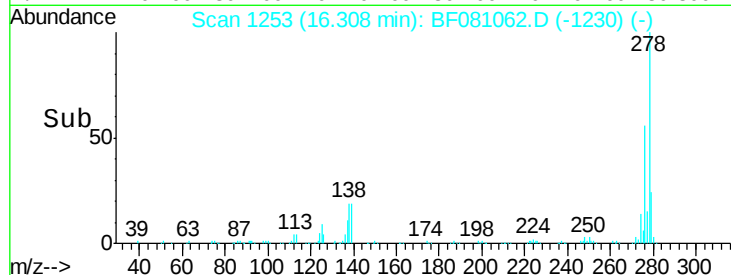
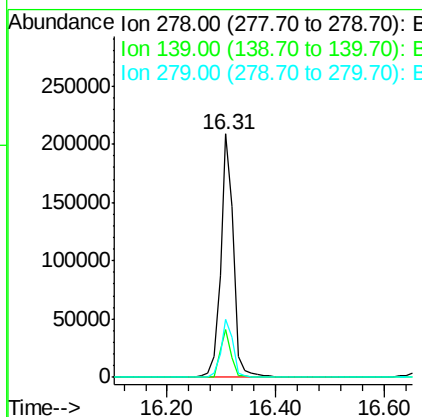
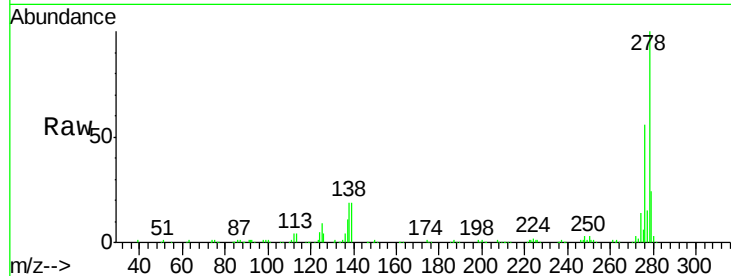




#90
Dibenzo(a,h)anthracene
Concen: 42.97 ng
RT: 16.31 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 344169
Ion Ratio Lower Upper
278 100
139 19.5 10.8 16.2#
279 23.8 19.0 28.6



#91
Benzo(g,h,i)perylene
Concen: 40.42 ng
RT: 16.66 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF081062.D
Acq: 19 Aug 2015 1:40

Tgt Ion:276 Resp: 328387
Ion Ratio Lower Upper
276 100
277 22.7 18.2 27.2
138 22.6 13.7 20.5#

