

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082169.D
 Acq On : 10 Oct 2015 11:32
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:55:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	94794	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	388762	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197487	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	375703	20.00	ng	0.00
75) Chrysene-d12	14.01	240	358597	20.00	ng	0.00
86) Perylene-d12	15.44	264	297652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	238955	46.03	ng	0.00
7) Phenol-d6	6.47	99	297542	45.29	ng	-0.01
23) Nitrobenzene-d5	7.41	82	275107	46.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	92034	46.51	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	573527	45.91	ng	-0.01
78) Terphenyl-d14	12.95	244	617889	48.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	56689	24.99	ng	95
3) Pyridine	3.14	79	140246	24.22	ng	98
4) n-Nitrosodimethylamine	3.10	42	56082	21.16	ng	99
6) Aniline	6.50	93	200995	22.91	ng	94
8) 2-Chlorophenol	6.62	128	139621	24.14	ng	85
9) Benzaldehyde	6.39	77	83579	19.91	ng	95
10) Phenol	6.48	94	166309	22.49	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	136130	23.34	ng	92
12) 1,3-Dichlorobenzene	6.78	146	167843	24.59	ng	98
13) 1,4-Dichlorobenzene	6.86	146	173265	24.28	ng	97
14) 1,2-Dichlorobenzene	7.01	146	161890	25.47	ng	97
15) Benzyl Alcohol	6.98	79	108444	23.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	197270	24.43	ng	99
17) 2-Methylphenol	7.10	107	113530	24.33	ng	96
18) Hexachloroethane	7.35	117	57997	25.70	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	105896	26.38	ng	94
20) 3+4-Methylphenols	7.26	107	137386	23.46	ng	95
22) Acetophenone	7.26	105	192777	24.39	ng	# 90
24) Nitrobenzene	7.43	77	152919	24.55	ng	91
25) Isophorone	7.67	82	277621	24.04	ng	94
26) 2-Nitrophenol	7.75	139	74423	24.14	ng	93
27) 2,4-Dimethylphenol	7.78	122	125200	23.78	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	157019	22.50	ng	97
29) 2,4-Dichlorophenol	7.99	162	124047	23.75	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	142035	24.50	ng	99
31) Naphthalene	8.15	128	413771	23.99	ng	100
32) Benzoic acid	7.89	122	77809	26.61	ng	95
33) 4-Chloroaniline	8.21	127	170107	22.91	ng	95
34) Hexachlorobutadiene	8.26	225	89649	25.99	ng	98
35) Caprolactam	8.57	113	35357	24.32	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	127664	25.31	ng	90
37) 2-Methylnaphthalene	8.83	142	276902	23.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	147148	24.46	ng	98
40) Hexachlorocyclopentadiene	8.99	237	49529	16.51	ng	98

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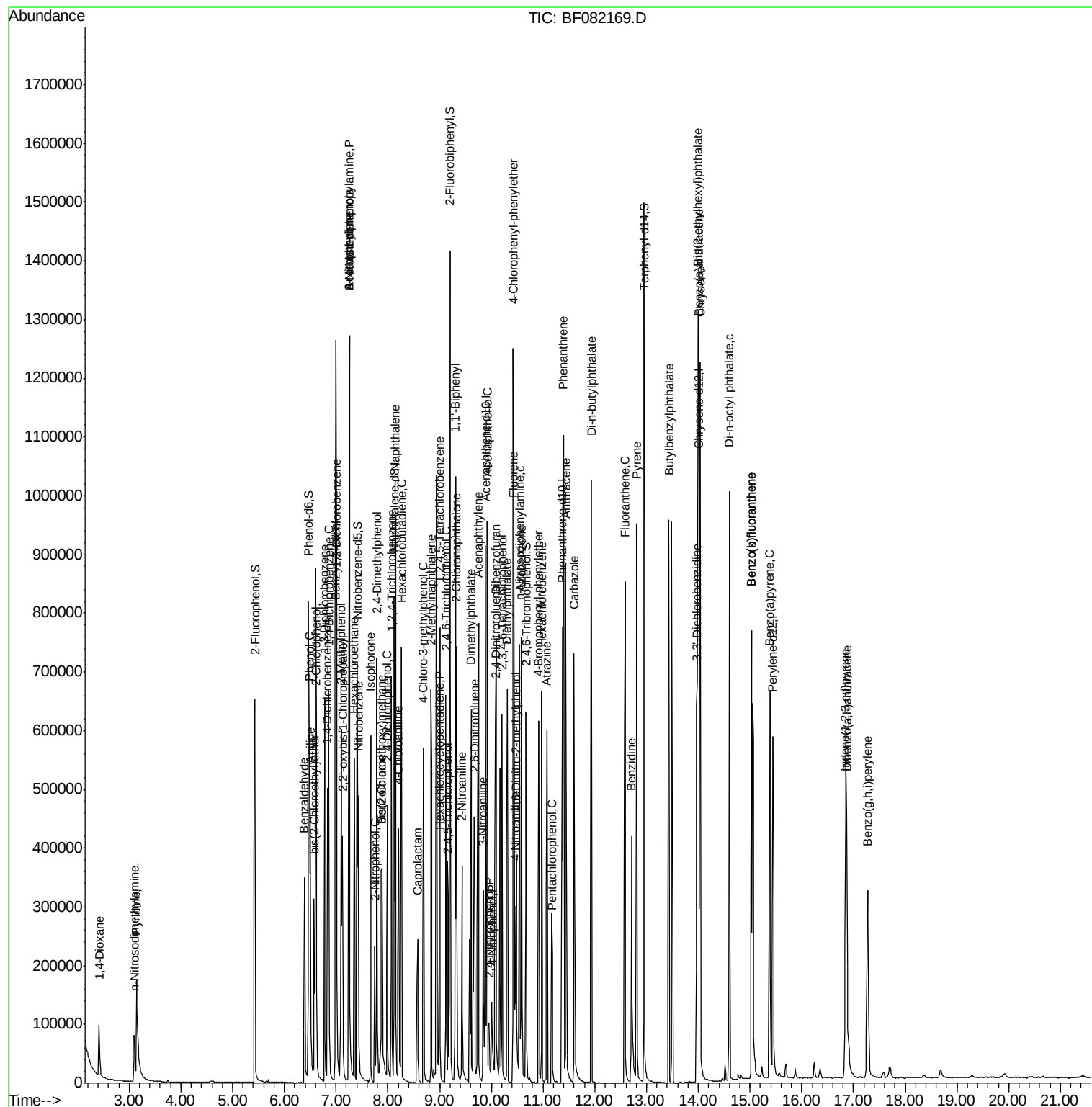
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	94923	23.27	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	99266	23.33	ng	# 94
45) 1,1'-Biphenyl	9.30	154	351875	23.26	ng	98
46) 2-Chloronaphthalene	9.33	162	270207	22.72	ng	93
47) 2-Nitroaniline	9.43	65	80160	23.00	ng	96
48) Acenaphthylene	9.75	152	452762	23.66	ng	98
49) Dimethylphthalate	9.61	163	336741	25.02	ng	98
50) 2,6-Dinitrotoluene	9.67	165	64723	21.69	ng	# 64
51) Acenaphthene	9.92	154	263047	23.10	ng	99
52) 3-Nitroaniline	9.84	138	80019	23.55	ng	83
53) 2,4-Dinitrophenol	9.95	184	30130	27.65	ng	94
54) Dibenzofuran	10.09	168	376684	23.39	ng	95
55) 4-Nitrophenol	10.01	139	41811	17.46	ng	95
56) 2,4-Dinitrotoluene	10.08	165	90927	24.16	ng	# 84
57) Fluorene	10.43	166	308151	24.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	87727	26.05	ng	96
59) Diethylphthalate	10.31	149	333177	26.24	ng	97
60) 4-Chlorophenyl-phenylether	10.42	204	143758	24.51	ng	96
61) 4-Nitroaniline	10.46	138	79210	23.03	ng	99
62) Azobenzene	10.58	77	310590	25.07	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	48809	28.18	ng	# 73
65) n-Nitrosodiphenylamine	10.55	169	267936	23.59	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	92093	24.29	ng	92
67) Hexachlorobenzene	10.97	284	92053	21.75	ng	# 68
68) Atrazine	11.07	200	92913	26.54	ng	96
69) Pentachlorophenol	11.18	266	49485	20.58	ng	97
70) Phenanthrene	11.39	178	458353	23.31	ng	99
71) Anthracene	11.44	178	459271	23.85	ng	99
72) Carbazole	11.60	167	412493	23.94	ng	98
73) Di-n-butylphthalate	11.93	149	542677	27.56	ng	98
74) Fluoranthene	12.58	202	500869	24.60	ng	97
76) Benzidine	12.71	184	260543	24.54	ng	99
77) Pyrene	12.81	202	507138	24.00	ng	99
79) Butylbenzylphthalate	13.43	149	229940	28.26	ng	94
80) Benzo(a)anthracene	14.00	228	428035	22.36	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	174392	26.80	ng	# 98
82) Chrysene	14.04	228	466168	25.41	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	320905	30.29	ng	# 98
84) Di-n-octyl phthalate	14.60	149	538385	31.10	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	368318	24.70	ng	99
87) Benzo(b)fluoranthene	15.03	252	386515	22.21	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	386515	25.09	ng	99
89) Benzo(a)pyrene	15.38	252	366321	24.72	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	303872	24.55	ng	97
91) Benzo(g,h,i)perylene	17.27	276	288556	22.96	ng	100

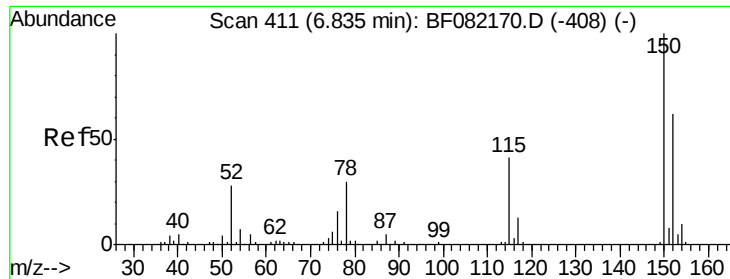
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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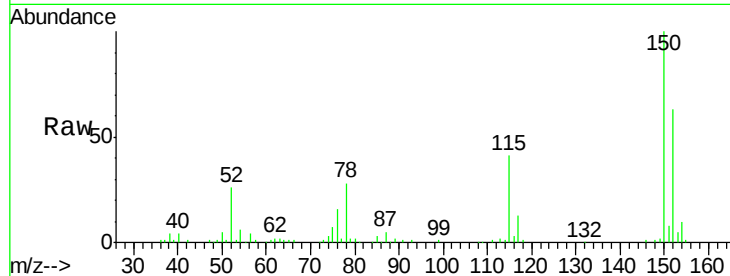


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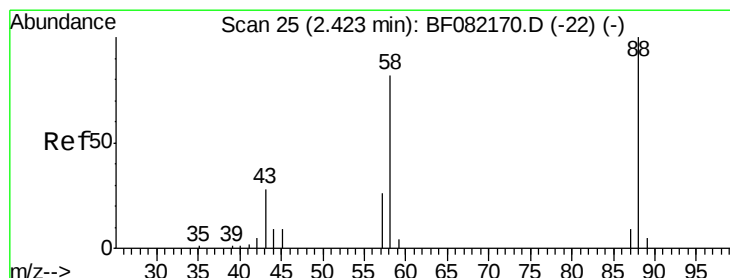
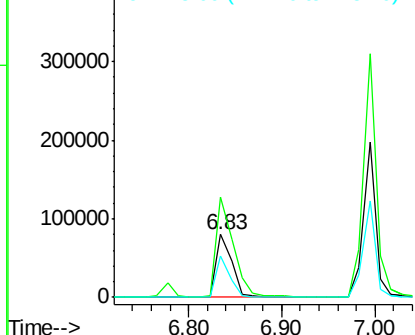
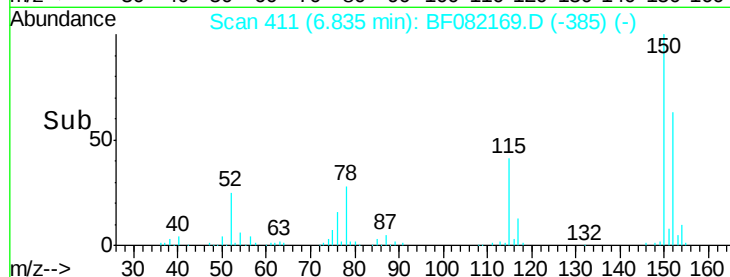
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94794
Ion Ratio Lower Upper
152 100
150 158.1 129.0 193.4
115 64.7 52.1 78.1



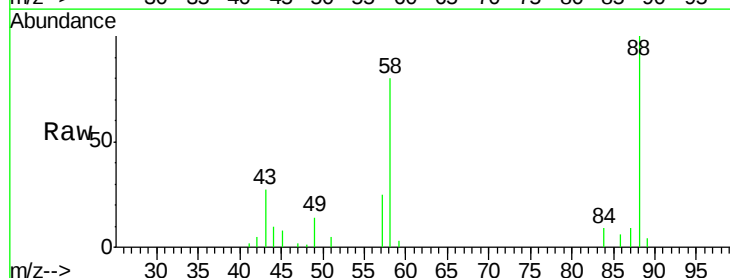
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



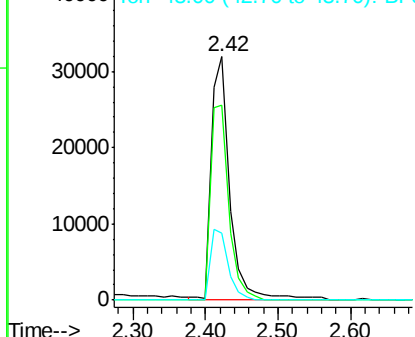
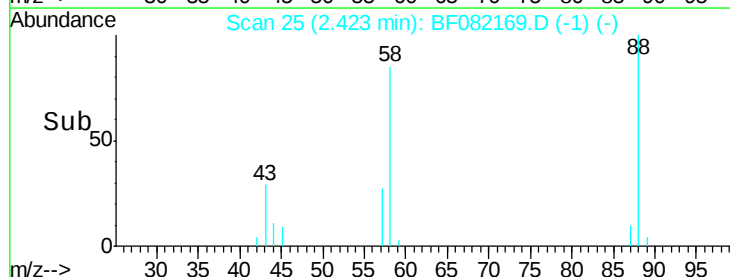
#2

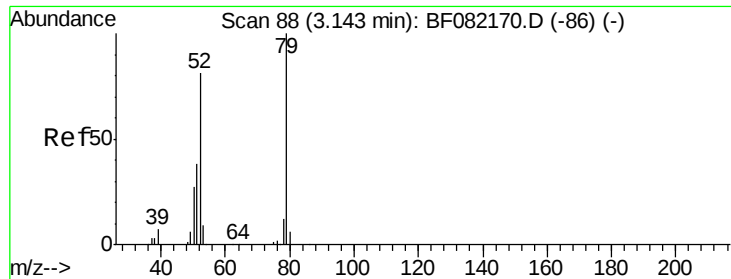
1,4-Dioxane
Concen: 24.99 ng
RT: 2.42 min Scan# 25
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion: 88 Resp: 56689
Ion Ratio Lower Upper
88 100
58 77.7 66.2 99.4
43 27.3 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.22 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

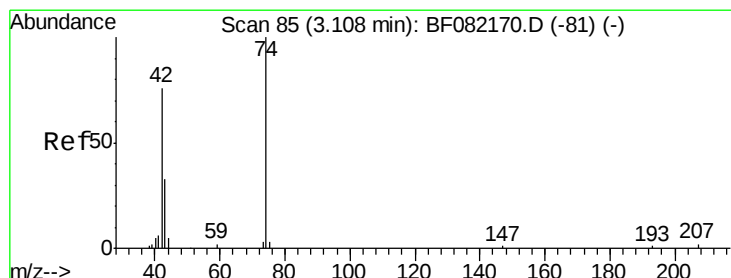
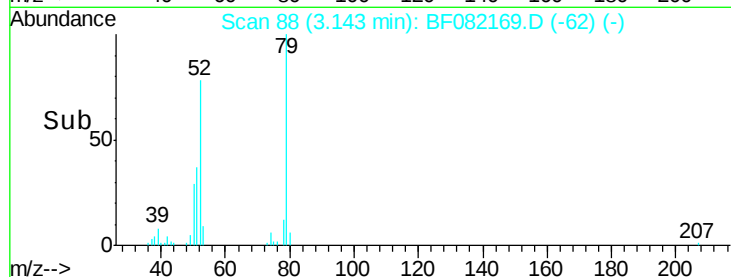
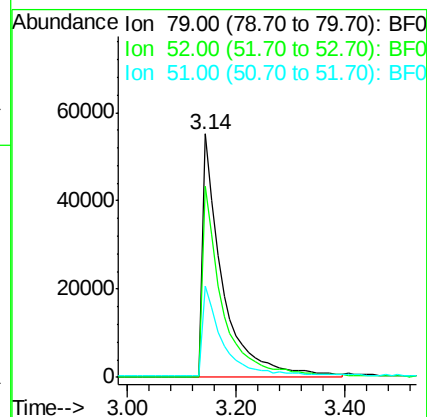
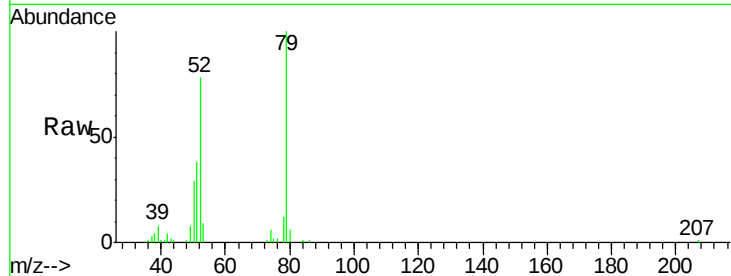
Tot Ion: 79 Resp: 140246

Ion Ratio Lower Upper

79 100

52 78.4 64.4 96.6

51 37.7 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 21.16 ng

RT: 3.10 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

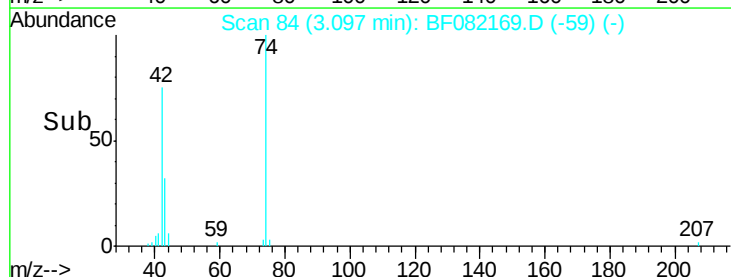
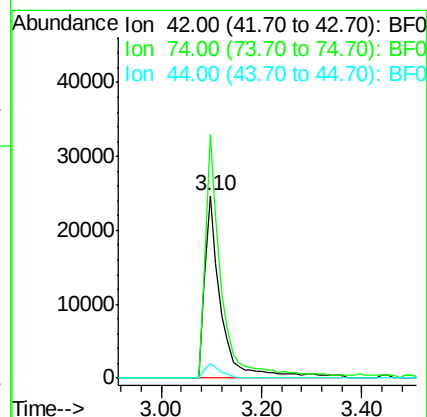
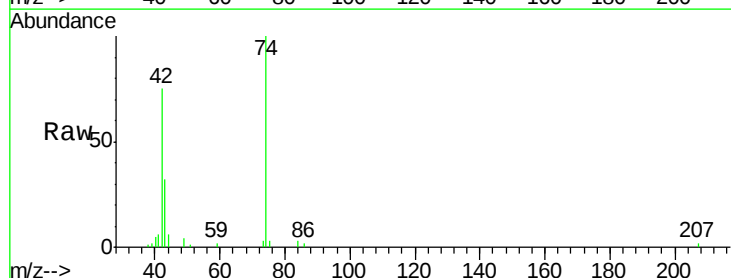
Tgt Ion: 42 Resp: 56082

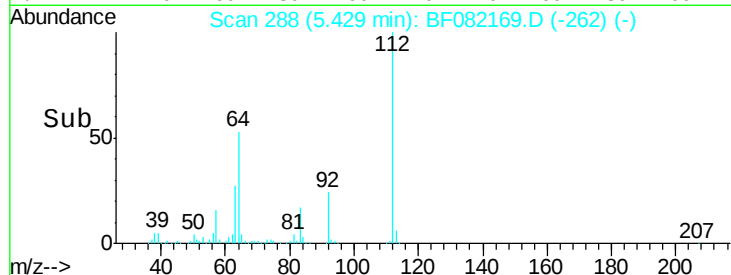
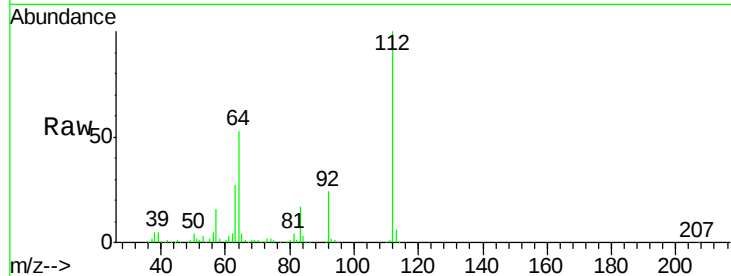
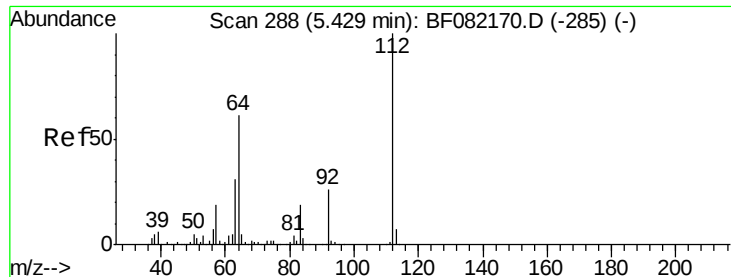
Ion Ratio Lower Upper

42 100

74 133.6 105.7 158.5

44 8.1 5.4 8.2





#5

2-Fluorophenol

Concen: 46.03 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

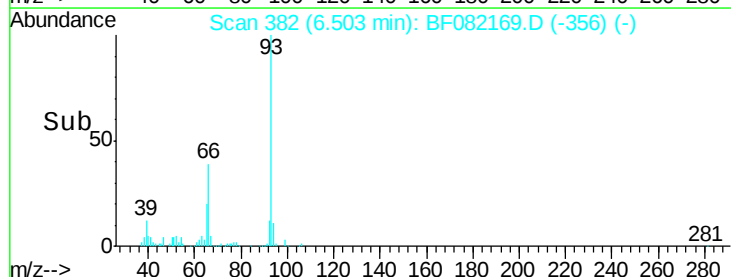
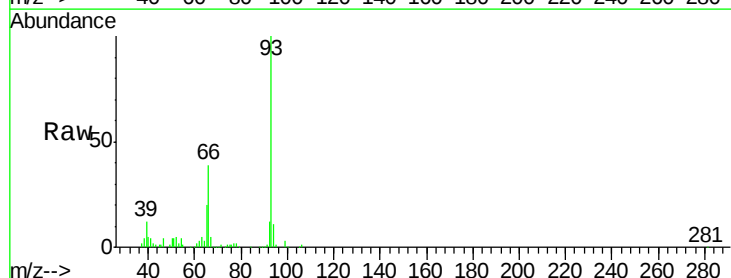
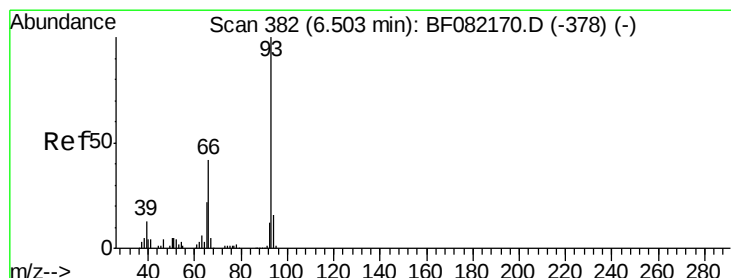
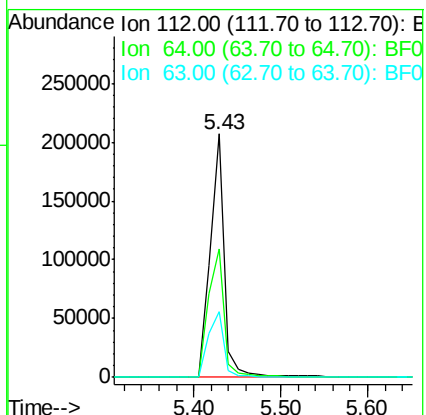
Tot Ion:112 Resp: 238955

Ion Ratio Lower Upper

112 100

64 52.5 48.6 73.0

63 27.0 25.1 37.7



#6

Aniline

Concen: 22.91 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

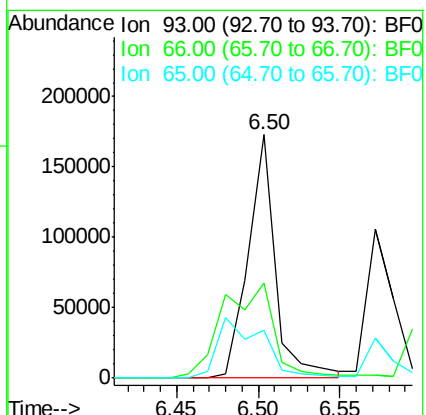
Tgt Ion: 93 Resp: 200995

Ion Ratio Lower Upper

93 100

66 38.9 34.2 51.2

65 19.6 17.9 26.9





#7

Phenol-d6

Concen: 45.29 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

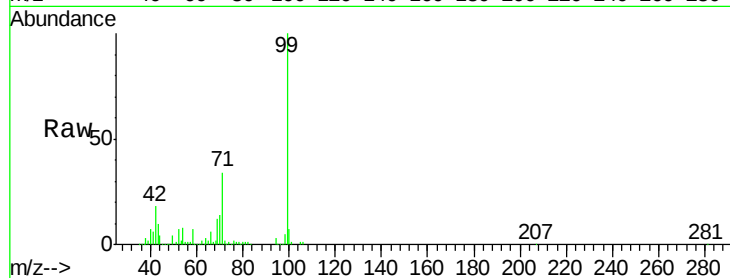
Tot Ion: 99 Resp: 297542

Ion Ratio Lower Upper

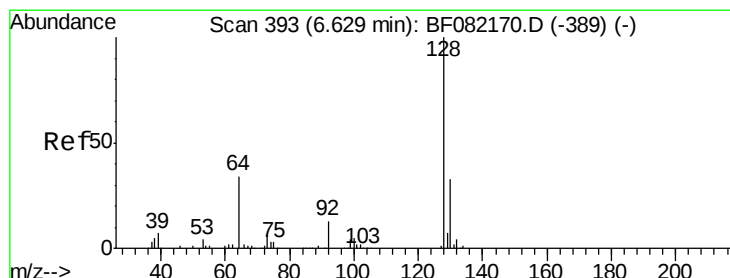
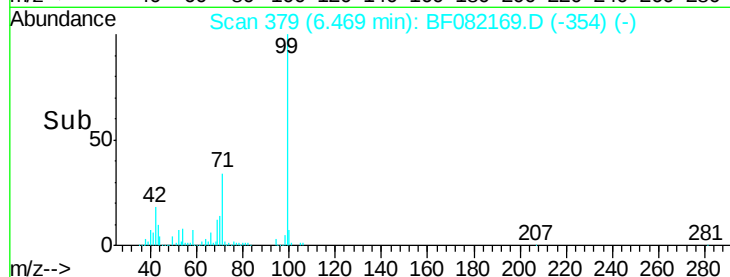
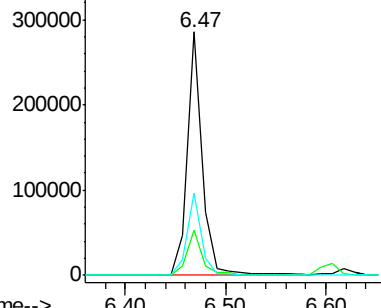
99 100

42 18.5 13.2 19.8

71 34.1 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 24.14 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

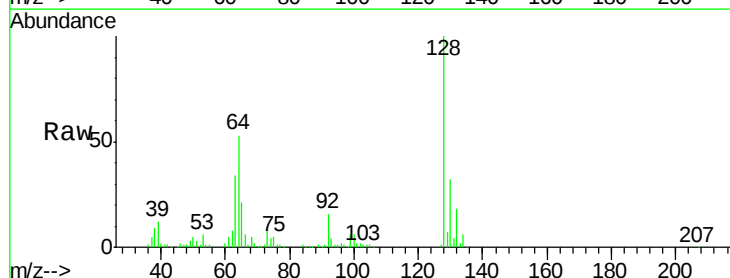
Tgt Ion: 128 Resp: 139621

Ion Ratio Lower Upper

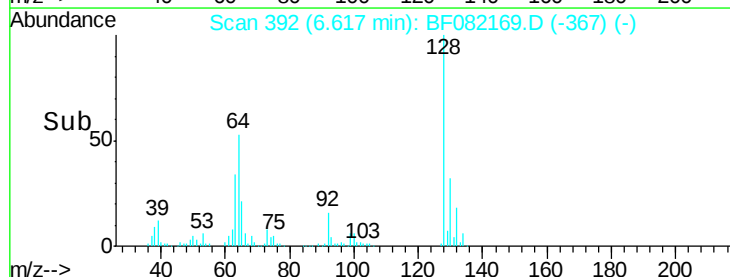
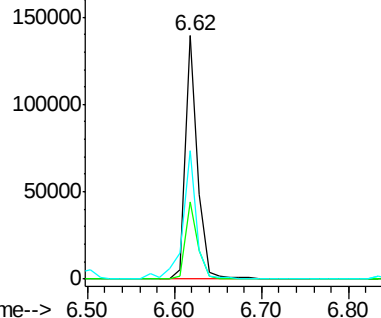
128 100

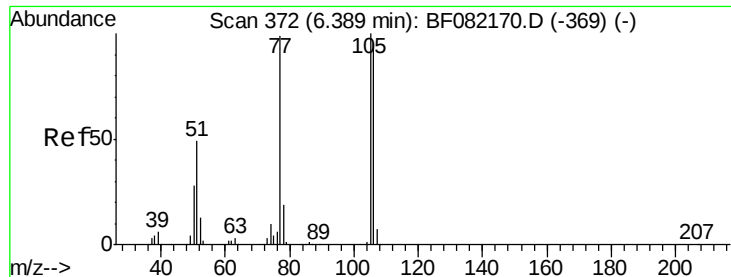
130 31.8 12.6 52.6

64 53.0 16.7 56.7



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: 19.91 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082169.D

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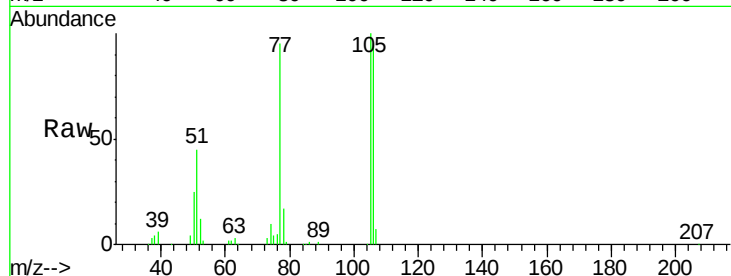
Tot Ion: 77 Resp: 83579

Ion Ratio Lower Upper

77 100

105 105.6 80.6 120.6

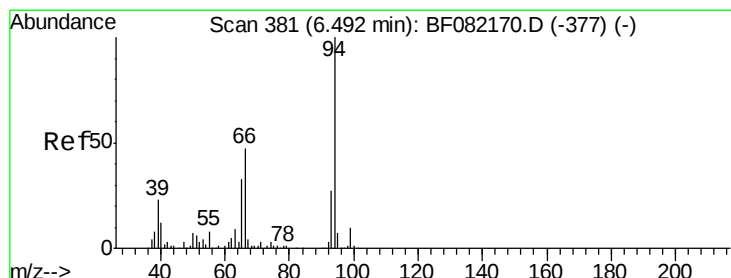
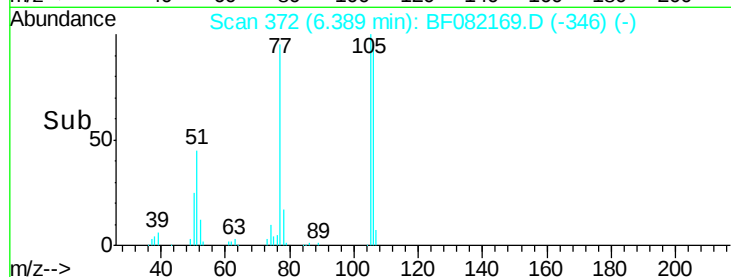
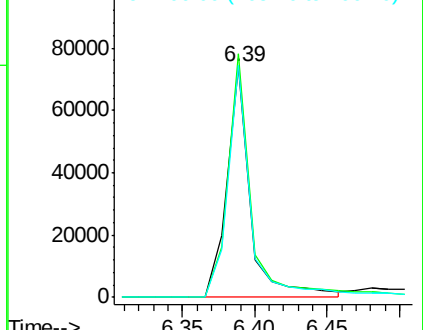
106 100.8 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 22.49 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

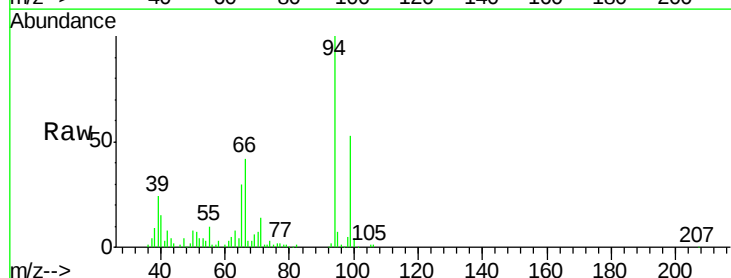
Tgt Ion: 94 Resp: 166309

Ion Ratio Lower Upper

94 100

65 30.4 12.6 52.6

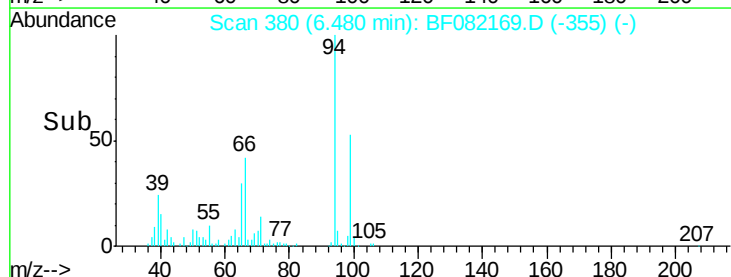
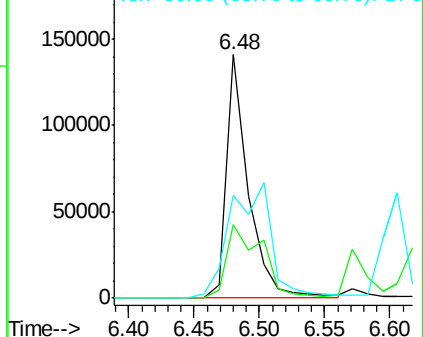
66 42.4 27.3 67.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 23.34 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampled :

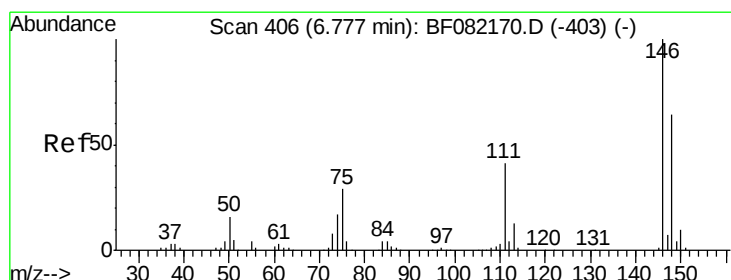
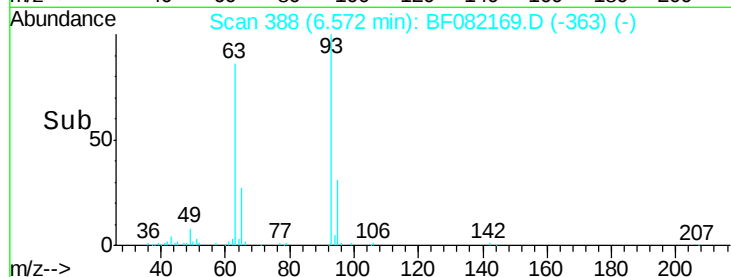
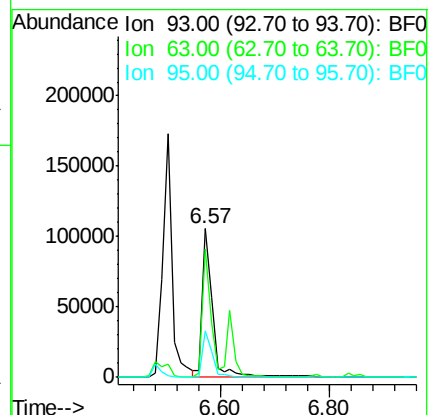
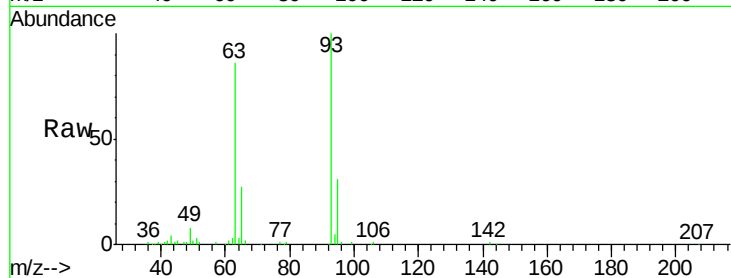
Tot Ion: 93 Resp: 136130

Ion Ratio Lower Upper

93 100

63 86.4 57.1 97.1

95 31.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 24.59 ng

RT: 6.78 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

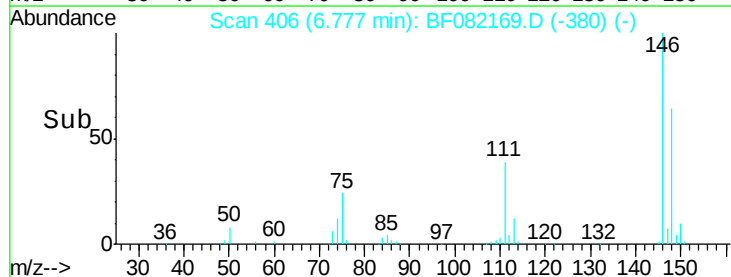
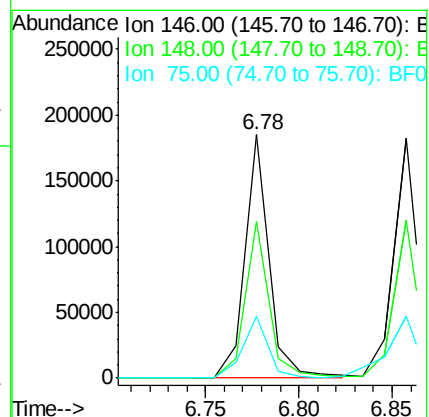
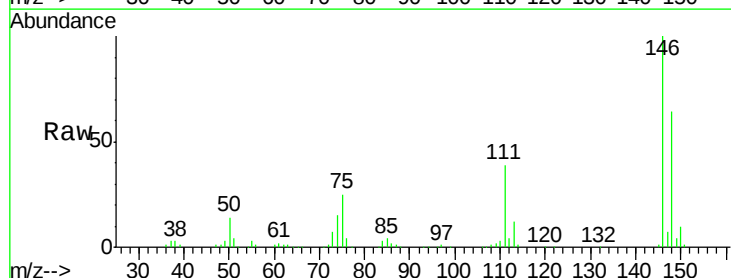
Tgt Ion: 146 Resp: 167843

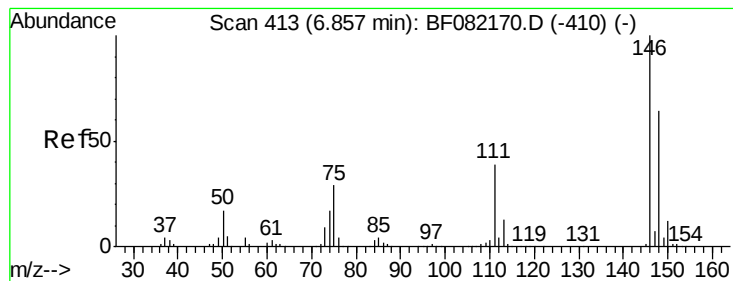
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

75 25.4 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 24.28 ng

RT: 6.86 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampled :

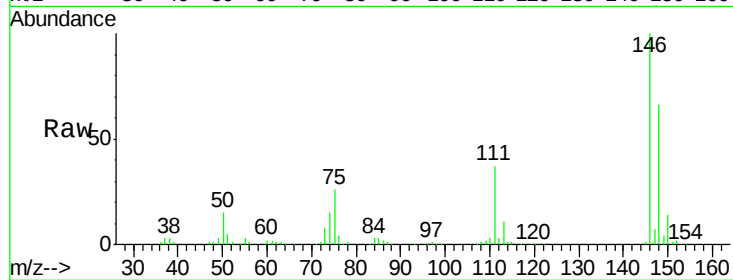
Tot Ion:146 Resp: 173265

Ion Ratio Lower Upper

146 100

148 65.8 51.0 76.4

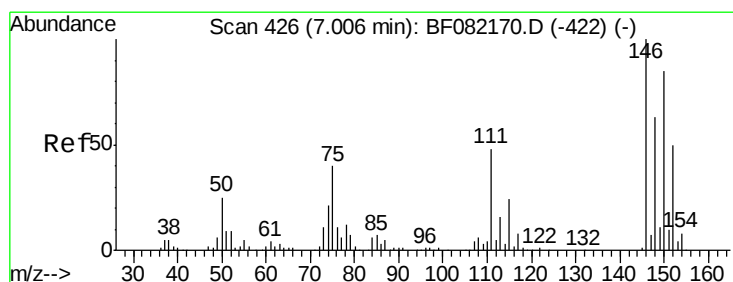
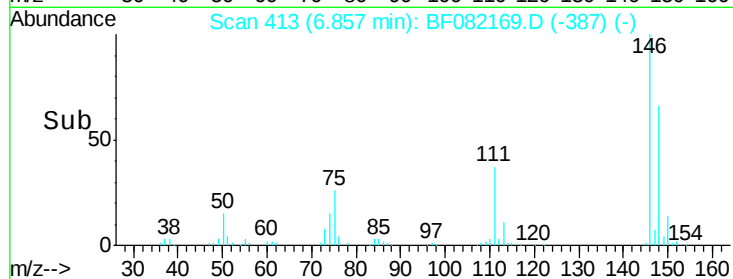
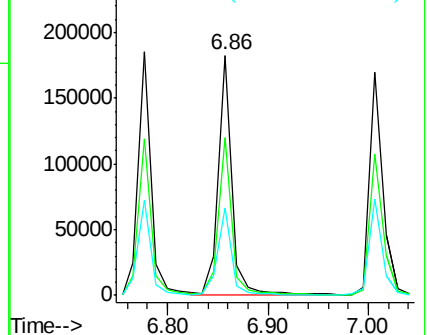
111 36.6 31.1 46.7



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: 25.47 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

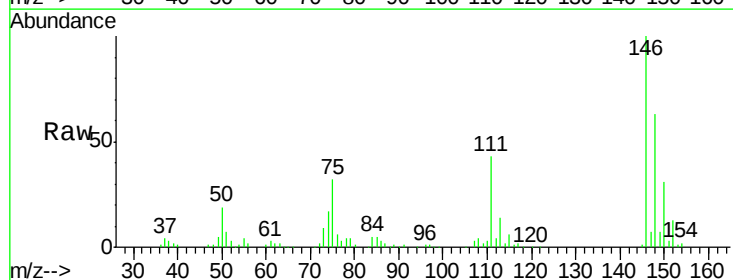
Tgt Ion:146 Resp: 161890

Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

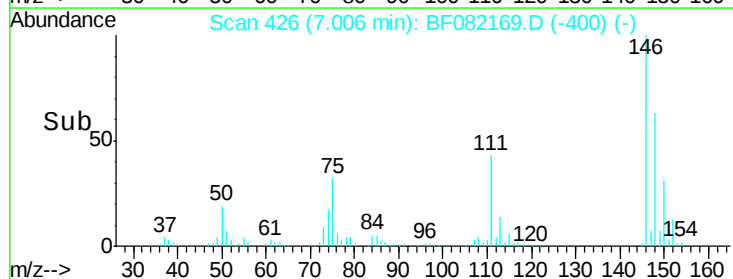
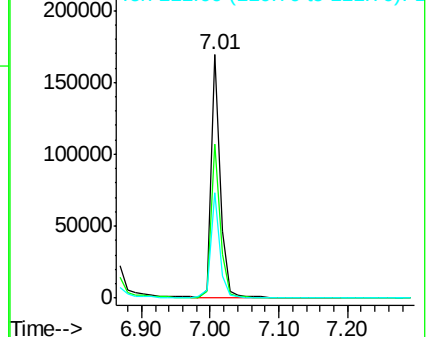
111 43.5 38.5 57.7

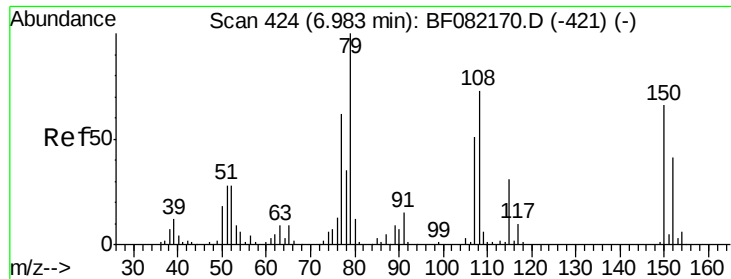


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.02 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :
BNA_F
ClientSampled :

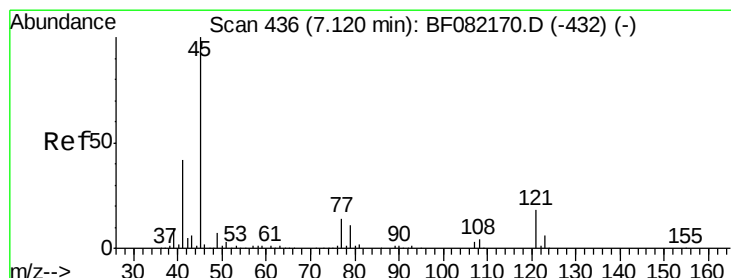
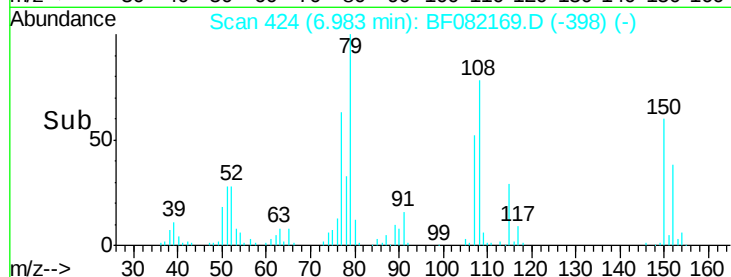
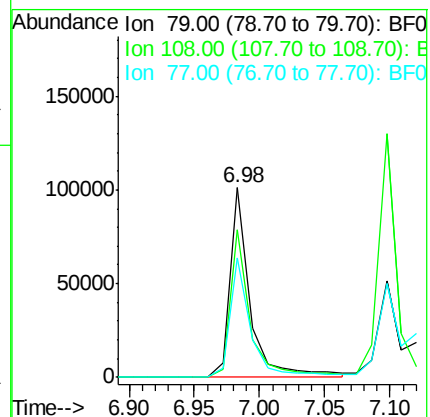
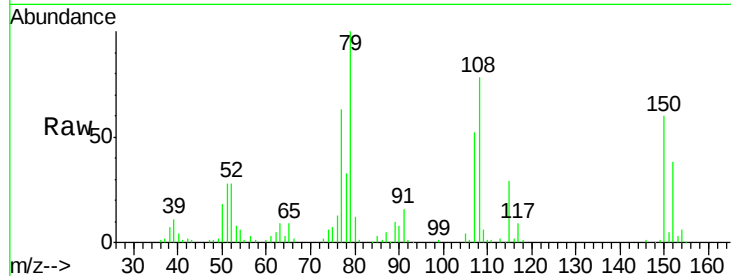
Tot Ion: 79 Resp: 108444

Ion Ratio Lower Upper

79 100

108 77.8 58.4 87.6

77 63.0 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.43 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

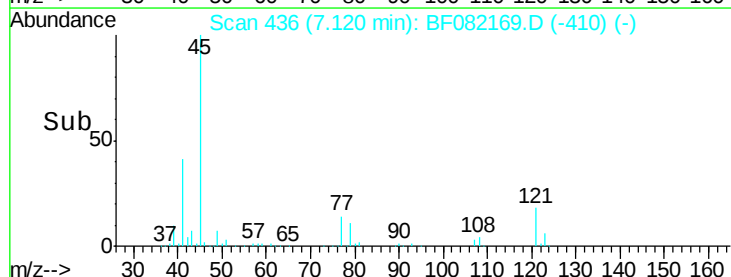
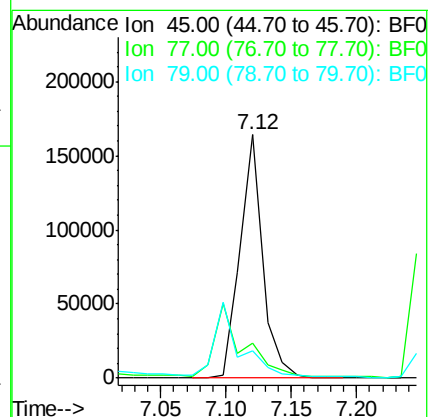
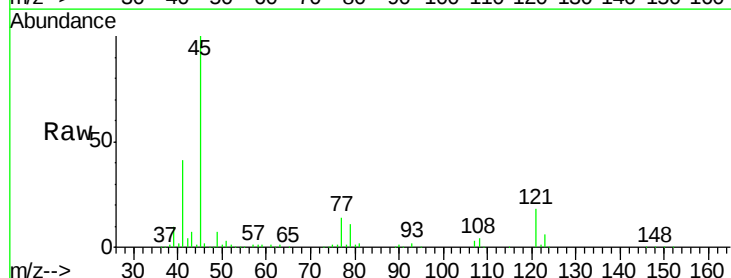
Tgt Ion: 45 Resp: 197270

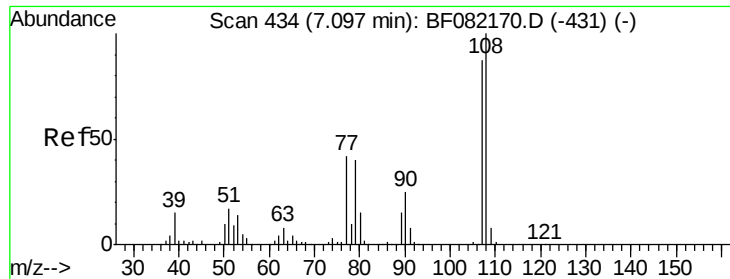
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.5

79 11.2 0.0 31.6





#17

2-Methylphenol

Concen: 24.33 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 113530

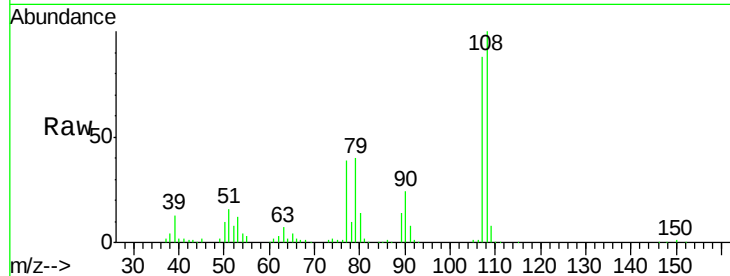
Ion Ratio Lower Upper

107 100

108 113.2 92.2 138.2

77 43.8 39.6 59.4

79 44.8 38.2 57.4

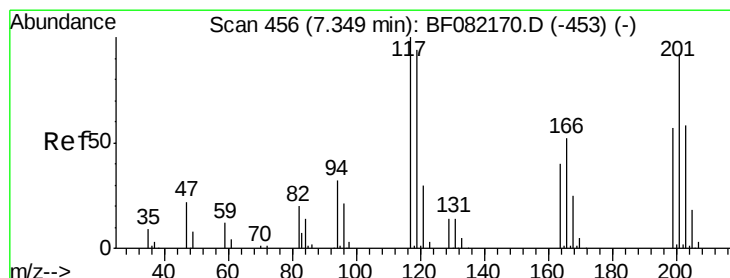
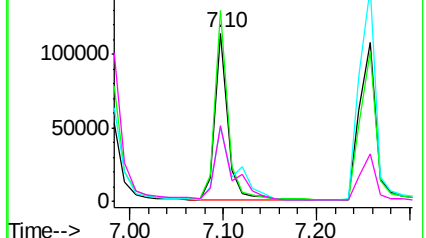
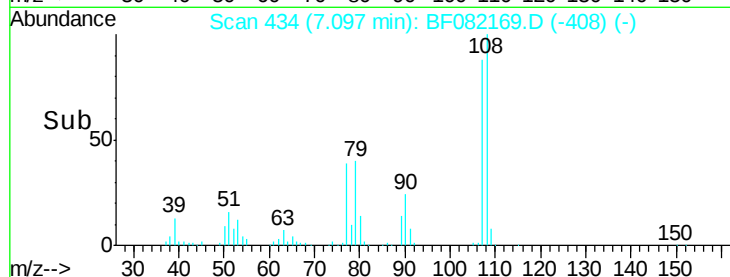


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 25.70 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

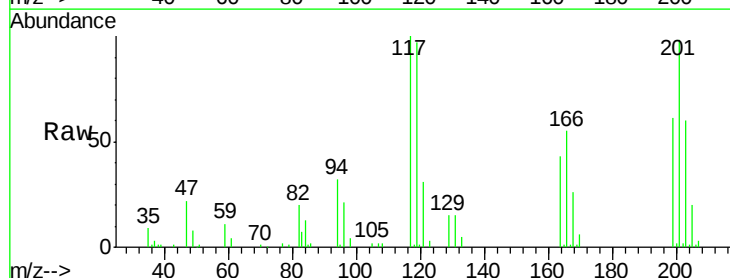
Tgt Ion:117 Resp: 57997

Ion Ratio Lower Upper

117 100

119 96.8 75.4 113.2

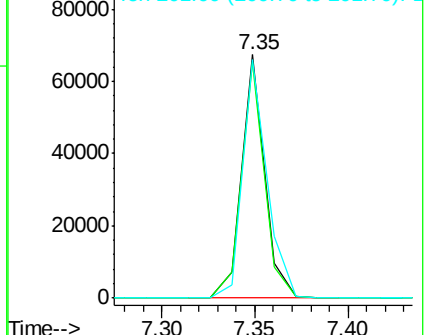
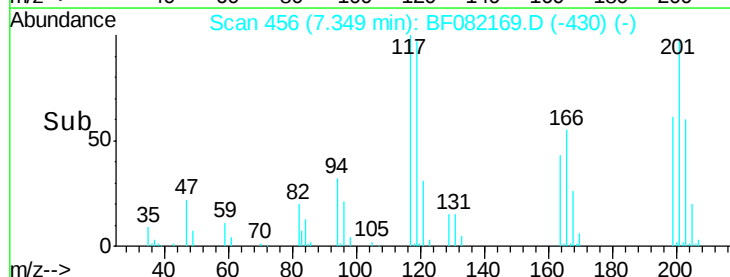
201 97.7 73.4 110.0

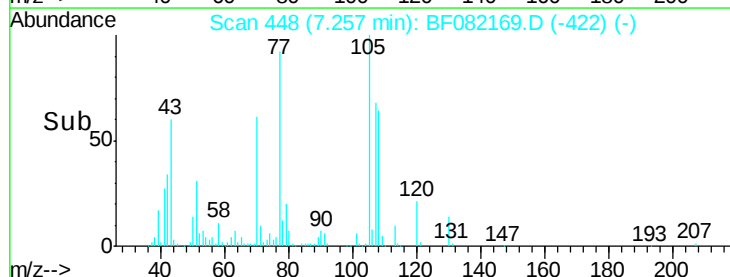
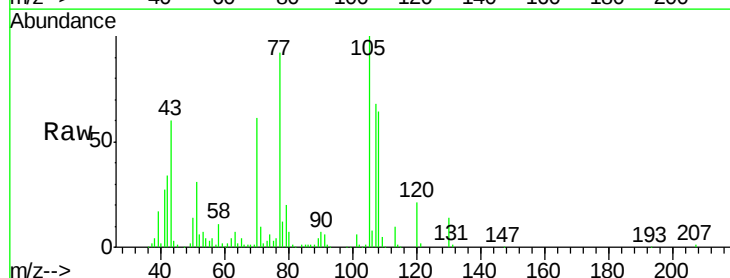
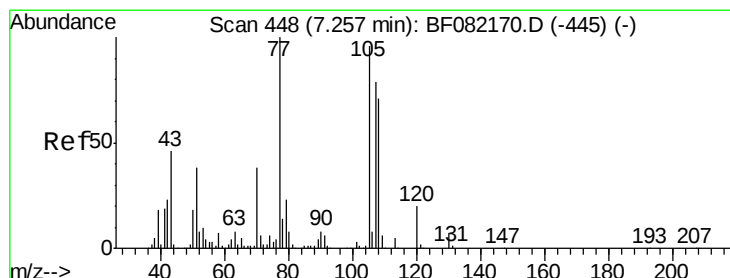
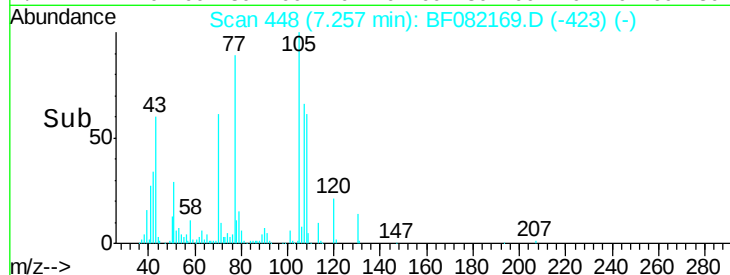
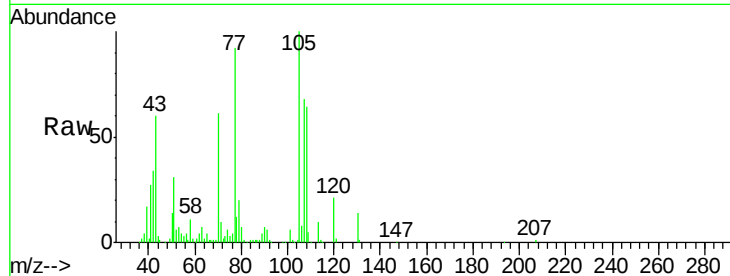


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

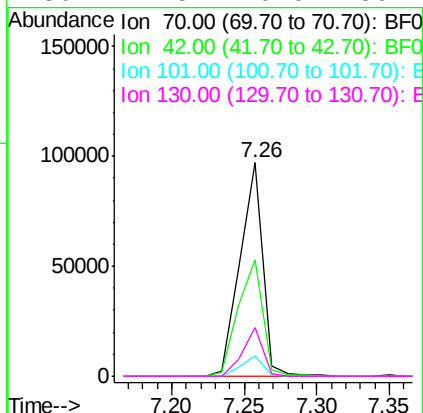




#19
n-Nitroso-di-n-propylamine
Concen: 26.38 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

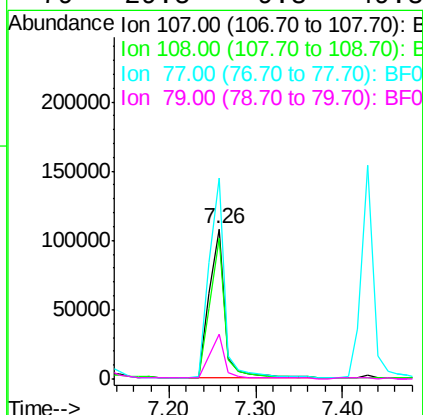
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	39.8	59.8
101	9.7	8.6	13.0
130	22.5	20.5	30.7



#20
3+4-Methylphenols
Concen: 23.46 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	69.9	109.9
77	134.3	106.0	146.0
79	29.5	9.8	49.8

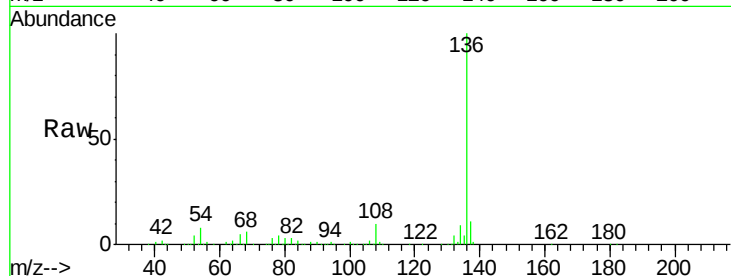




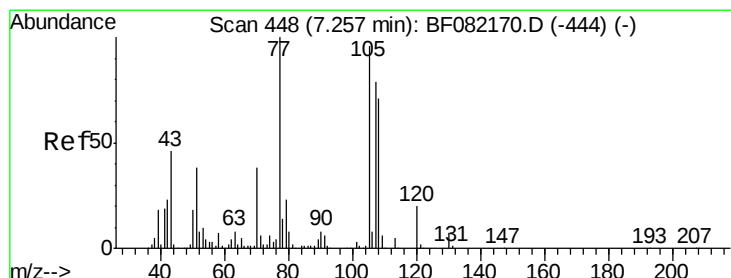
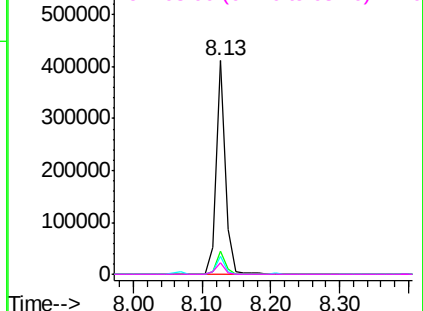
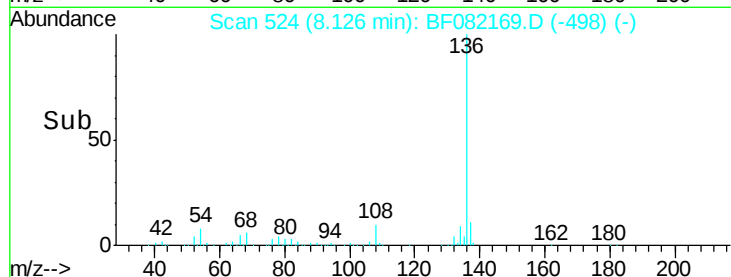
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	388762
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	8.5	7.5 11.3
68	5.6	4.6 7.0

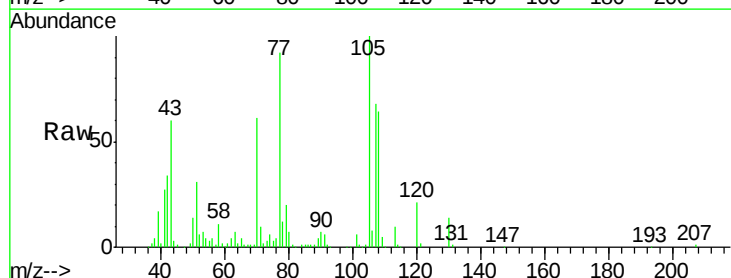


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

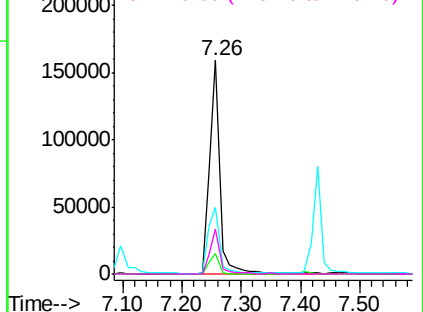
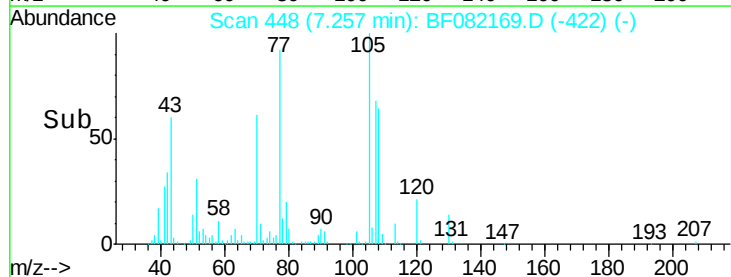


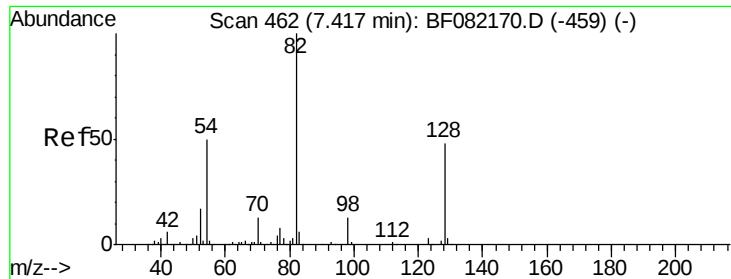
#22
Acetophenone
Concen: 24.39 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion:105	Resp:	192777
Ion Ratio	Lower	Upper
105	100	
71	9.7	5.4 8.0#
51	31.1	31.8 47.6#
120	21.1	16.3 24.5



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

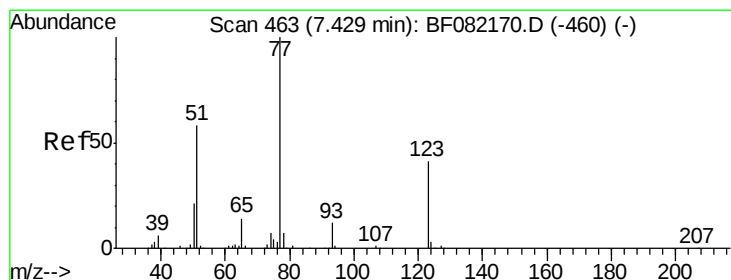
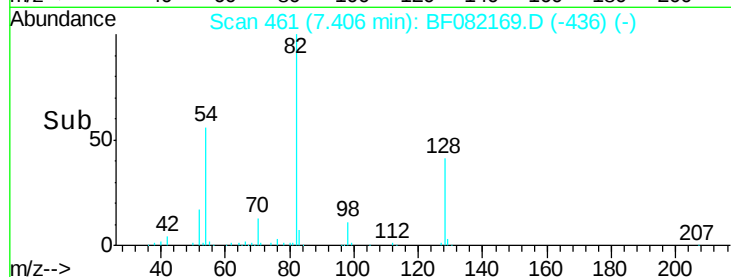
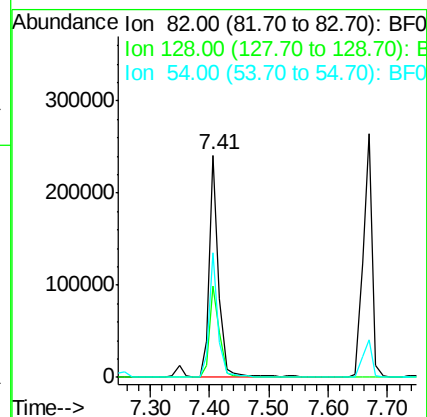
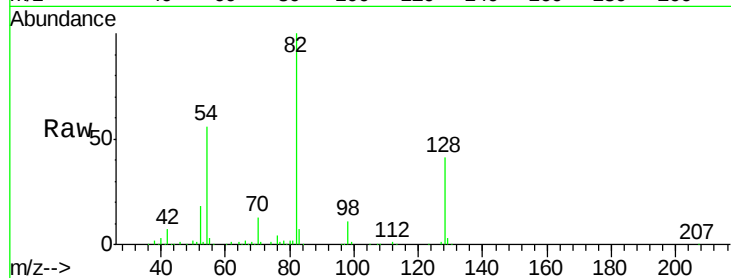




#23
 Nitrobenzene-d5
 Concen: 46.93 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

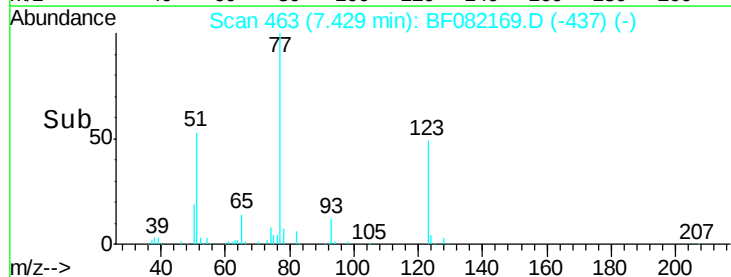
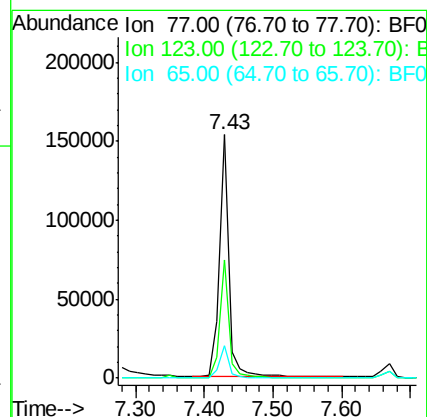
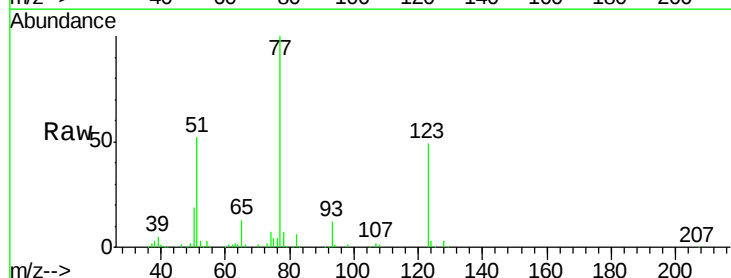
Instrument :
 BNA_F
 ClientSampleId :

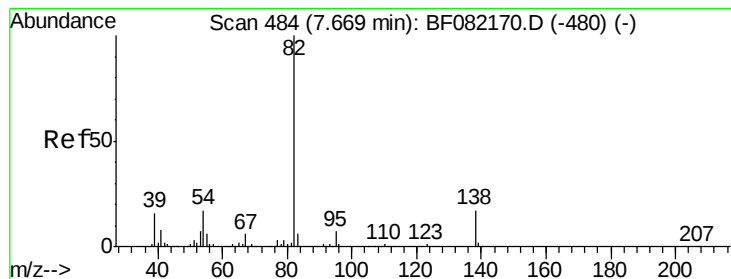
Tot Ion: 82 Resp: 275107
 Ion Ratio Lower Upper
 82 100
 128 41.3 38.7 58.1
 54 56.2 40.1 60.1



#24
 Nitrobenzene
 Concen: 24.55 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion: 77 Resp: 152919
 Ion Ratio Lower Upper
 77 100
 123 48.6 33.0 49.4
 65 13.2 11.2 16.8





#25

Isophorone

Concen: 24.04 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

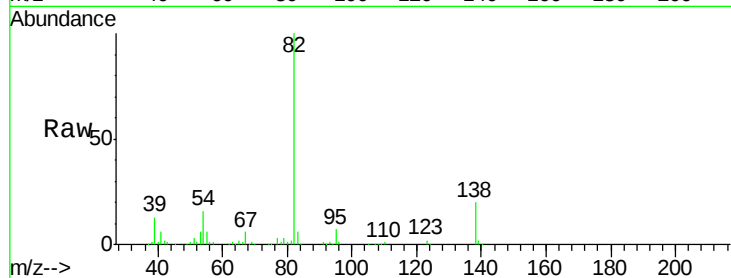
Tot Ion: 82 Resp: 277621

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

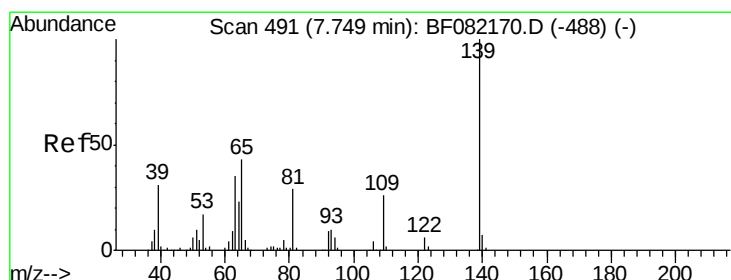
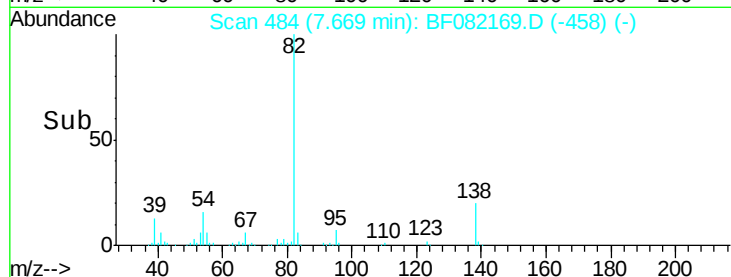
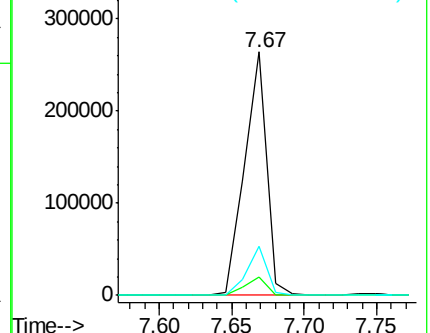
138 20.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 24.14 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

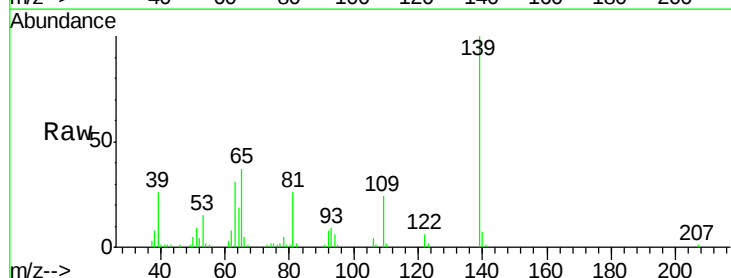
Tgt Ion: 139 Resp: 74423

Ion Ratio Lower Upper

139 100

109 24.4 20.6 31.0

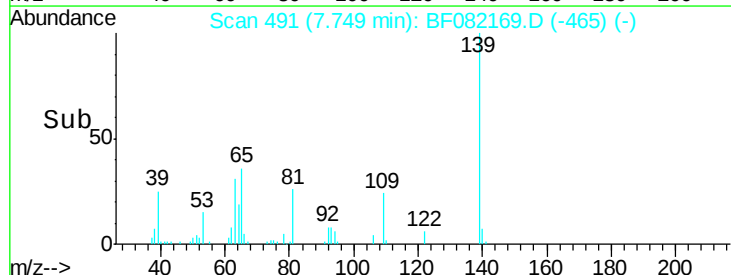
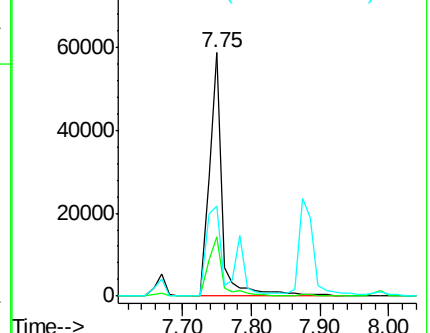
65 36.9 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

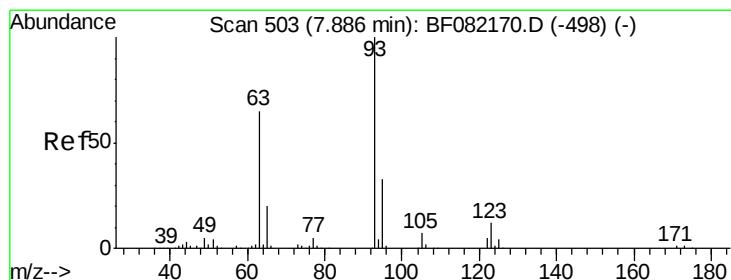
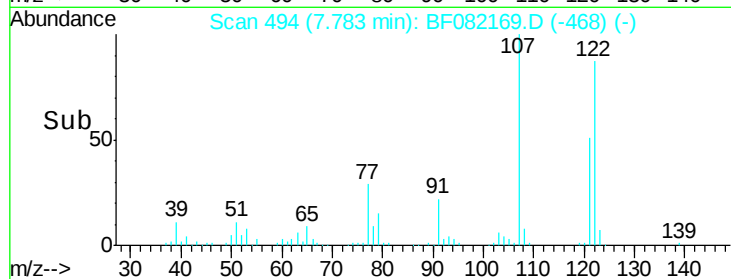
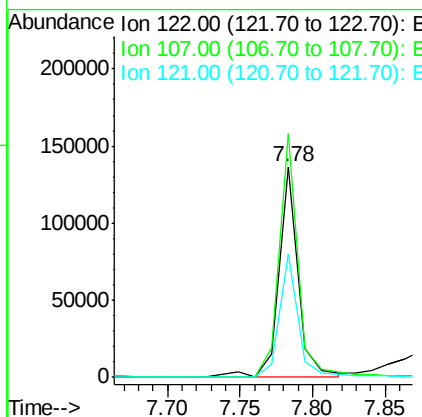
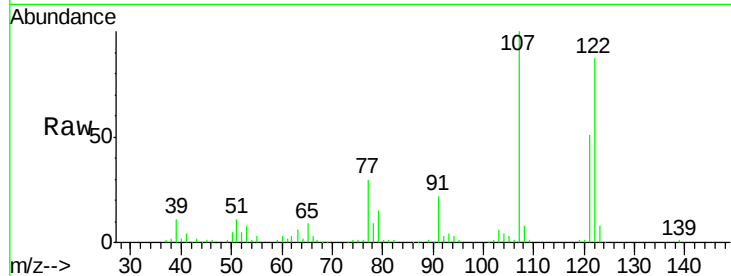




#27
 2,4-Dimethylphenol
 Concen: 23.78 ng
 RT: 7.78 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

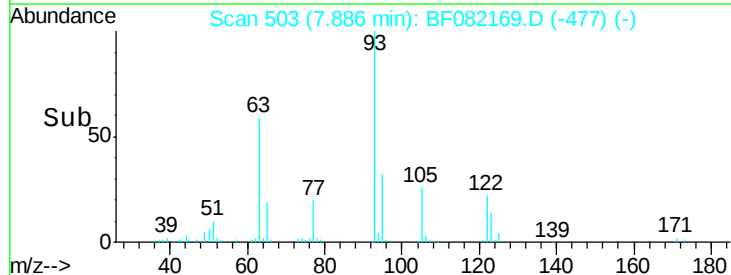
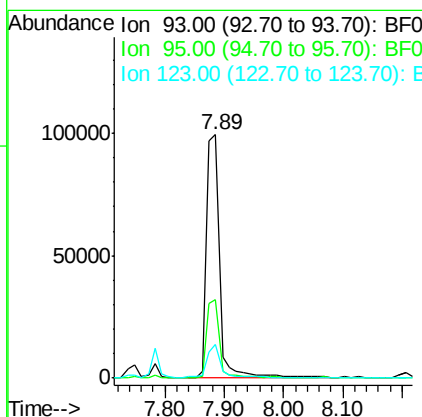
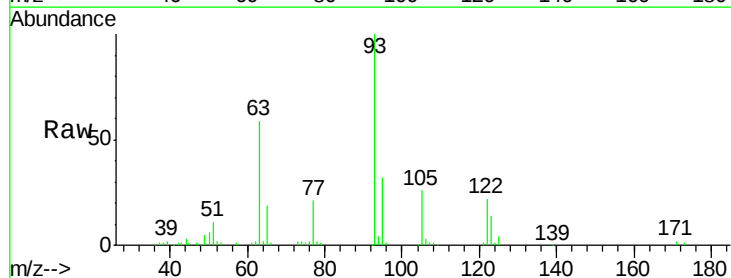
Instrument :
 BNA_F
 ClientSampleId :

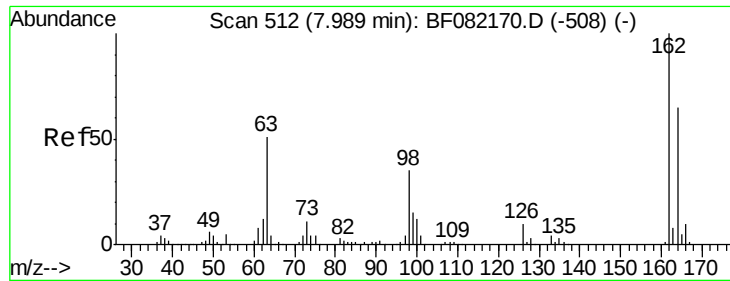
Tot Ion:122 Resp: 125200
 Ion Ratio Lower Upper
 122 100
 107 115.4 94.0 141.0
 121 58.7 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 22.50 ng
 RT: 7.89 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion: 93 Resp: 157019
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 39.8
 123 14.1 9.5 14.3

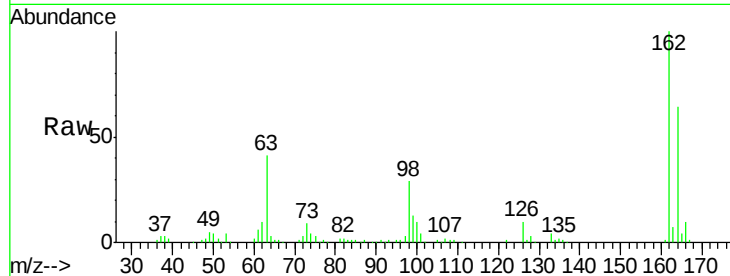




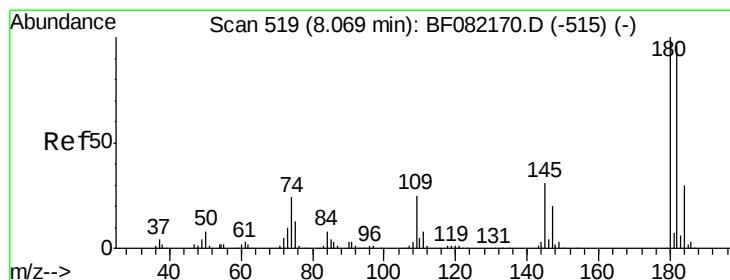
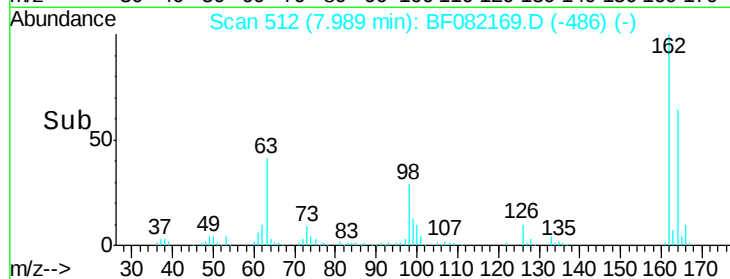
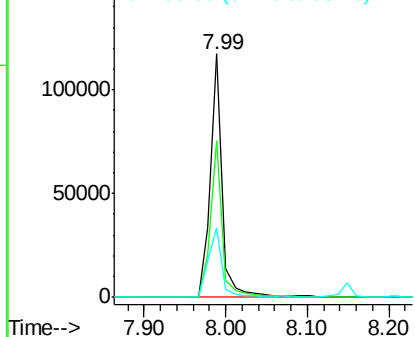
#29
 2,4-Dichlorophenol
 Concen: 23.75 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	28.7	15.0	55.0

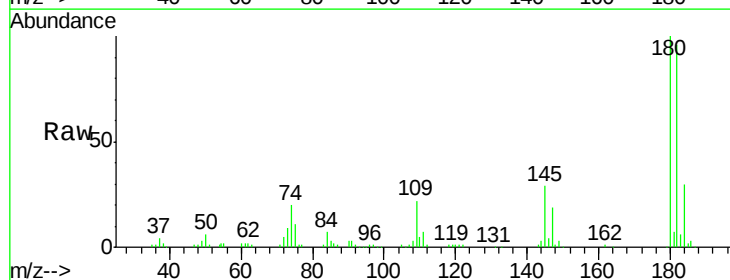


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

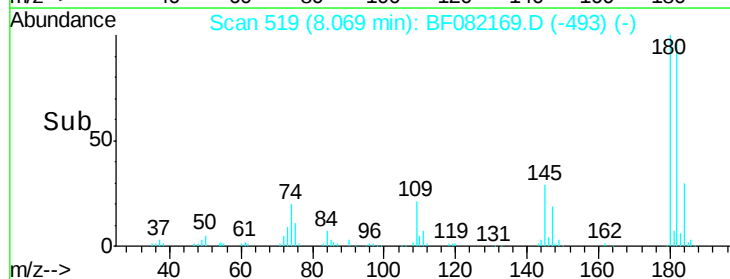
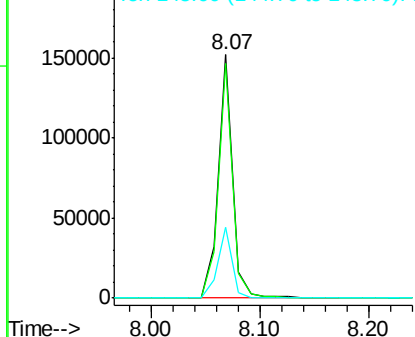


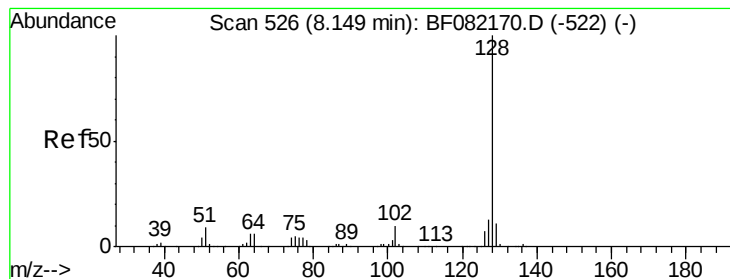
#30
 1,2,4-Trichlorobenzene
 Concen: 24.50 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.0	115.4
145	29.2	25.0	37.4



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: 23.99 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

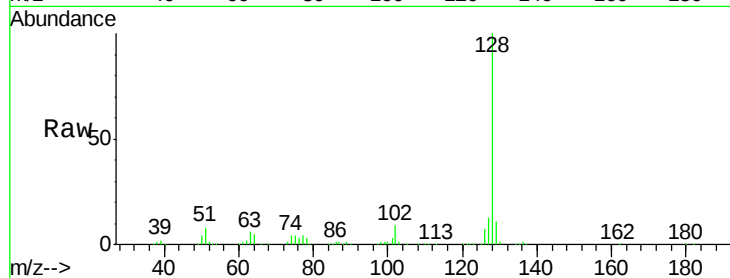
Tot Ion:128 Resp: 413771

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

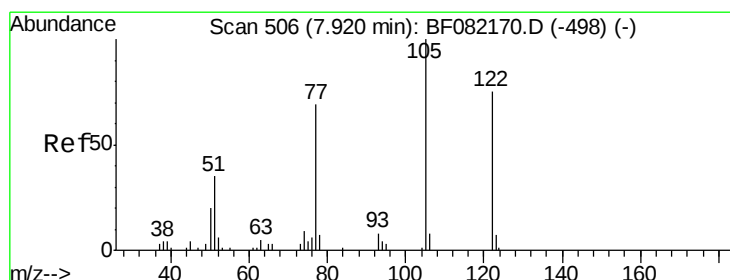
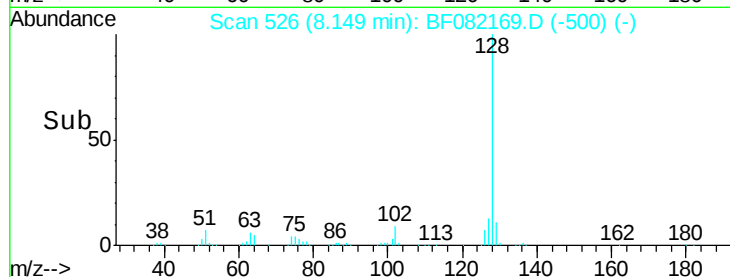
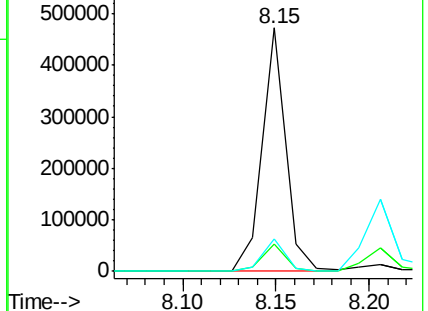
127 13.4 10.7 16.1



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: 26.61 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

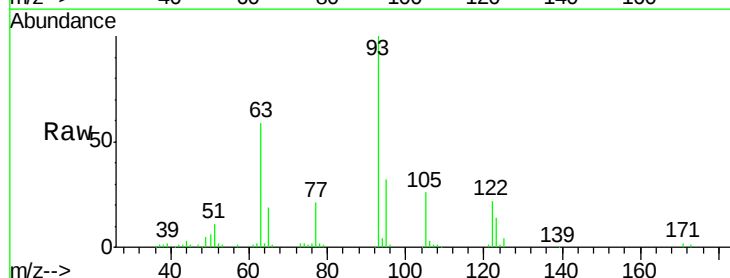
Tgt Ion:122 Resp: 77809

Ion Ratio Lower Upper

122 100

105 119.6 104.4 144.4

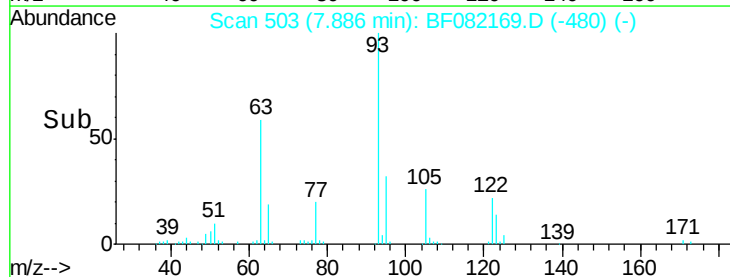
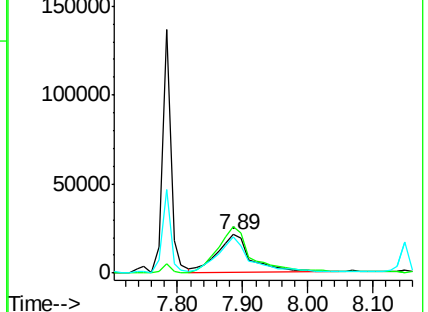
77 94.4 69.0 109.0

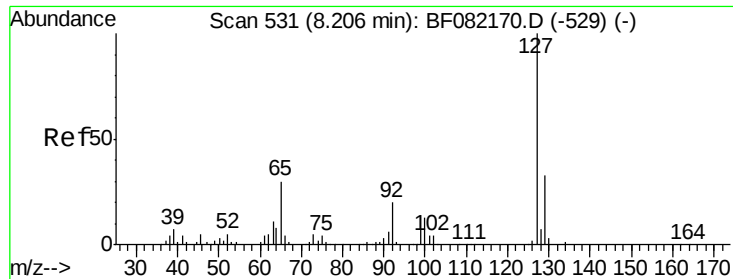


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

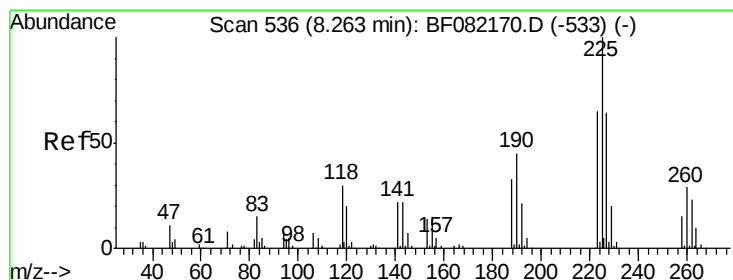
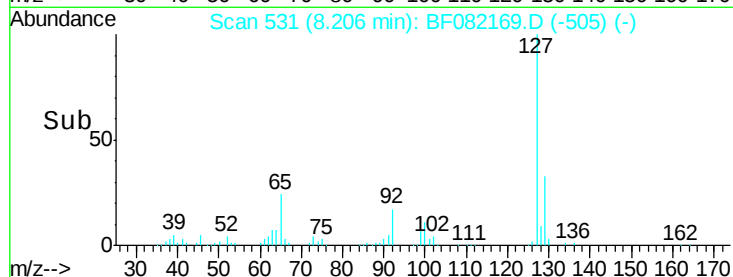
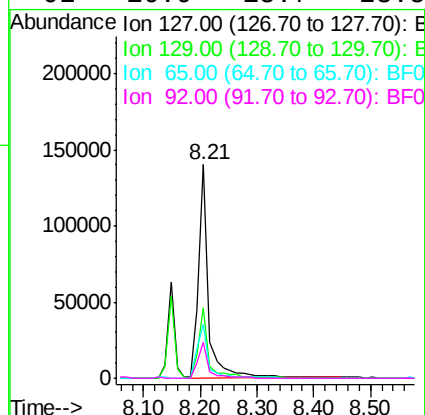
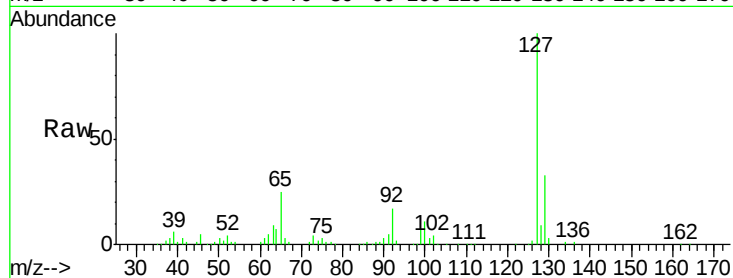




#33
4-Chloroaniline
Concen: 22.91 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

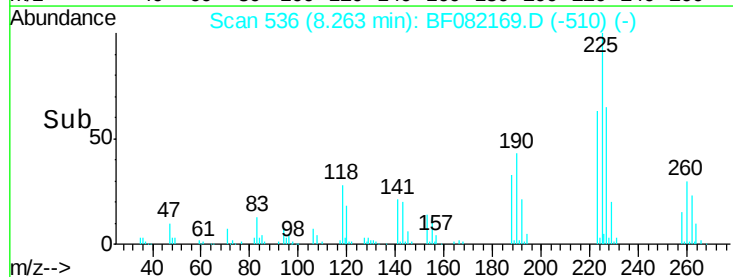
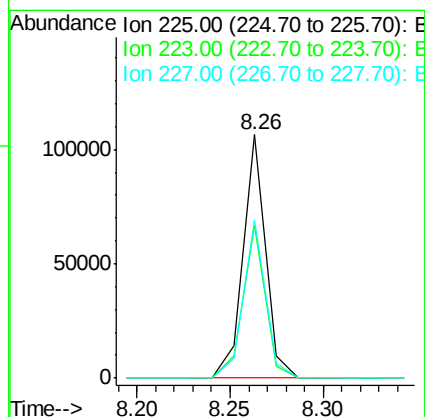
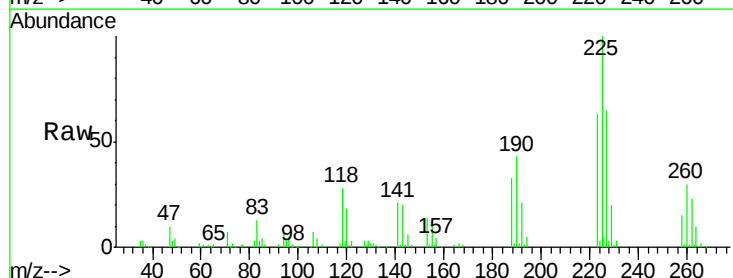
Instrument :
BNA_F
ClientSampleId :

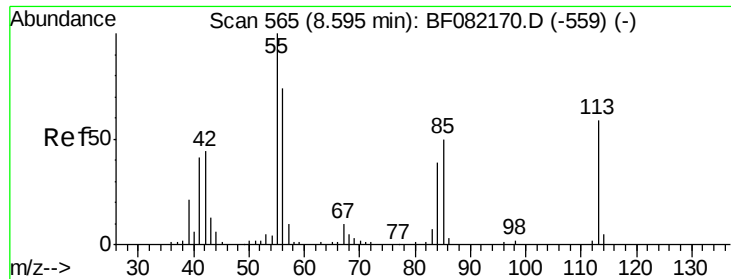
Tot Ion:	127	Resp:	170107
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	25.3	24.4	36.6
92	16.9	15.7	23.5



#34
Hexachlorobutadiene
Concen: 25.99 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion:	225	Resp:	89649
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.2	78.2
227	64.6	51.3	76.9





#35

Caprolactam

Concen: 24.32 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

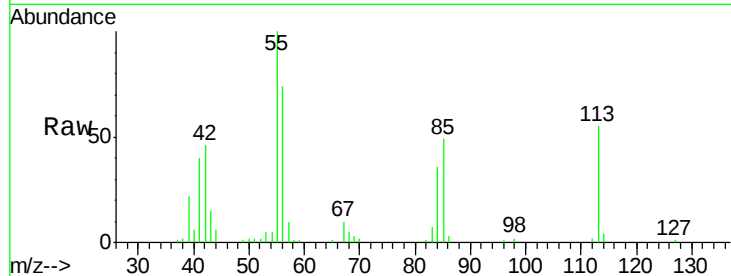
Tot Ion:113 Resp: 35357

Ion Ratio Lower Upper

113 100

55 180.3 149.7 189.7

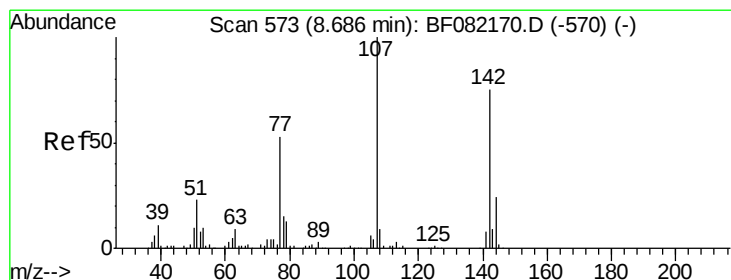
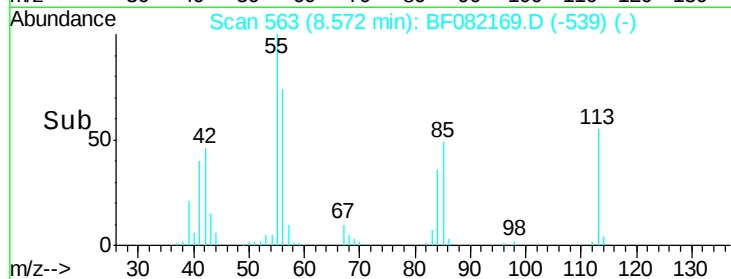
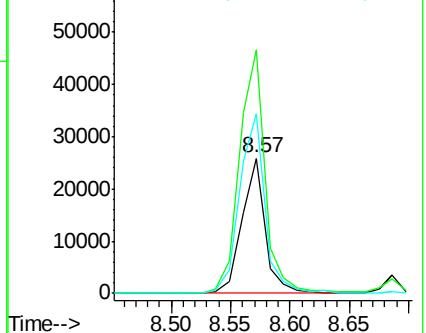
56 132.7 105.4 145.4



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: 25.31 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

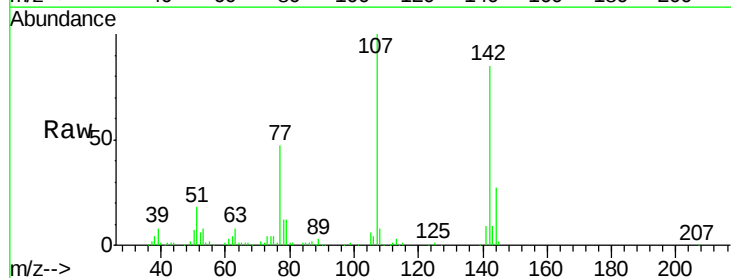
Tgt Ion:107 Resp: 127664

Ion Ratio Lower Upper

107 100

144 26.9 19.3 28.9

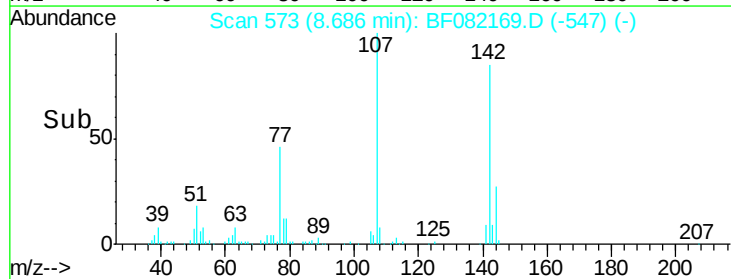
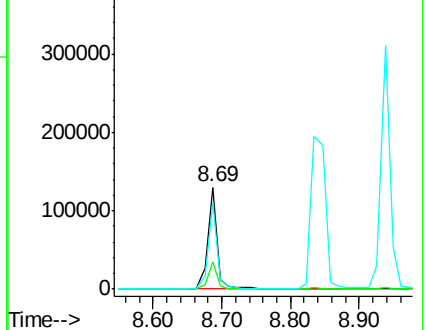
142 84.9 59.9 89.9

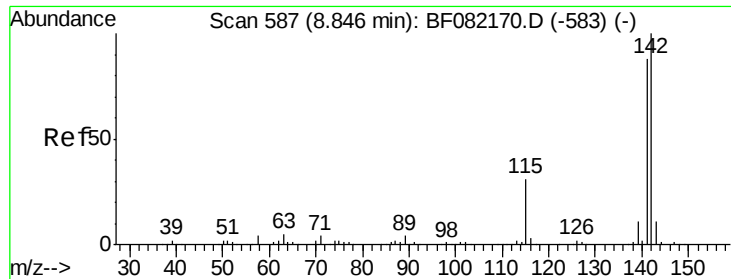


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

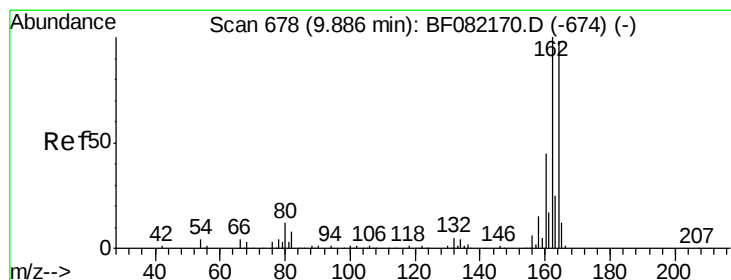
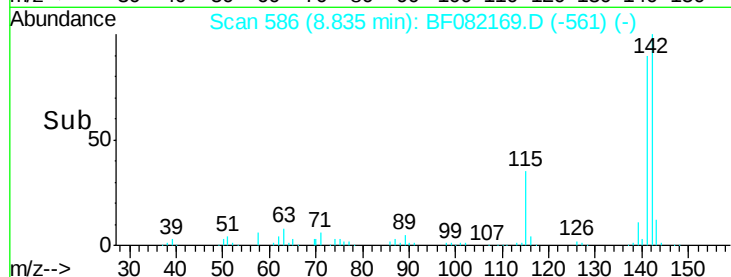
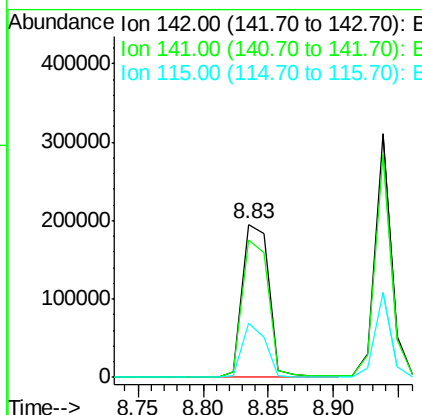
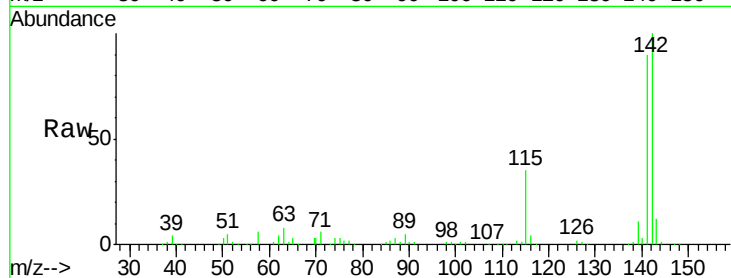




#37
2-Methylnaphthalene
Concen: 23.54 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

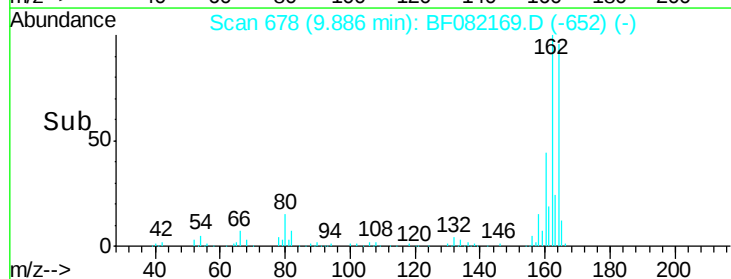
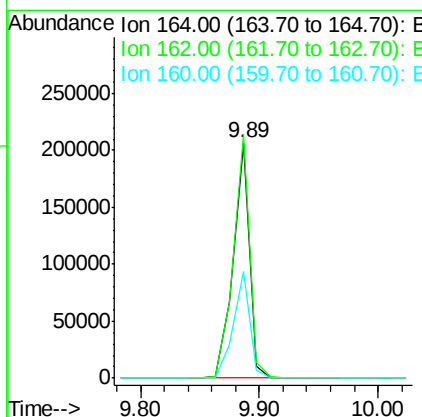
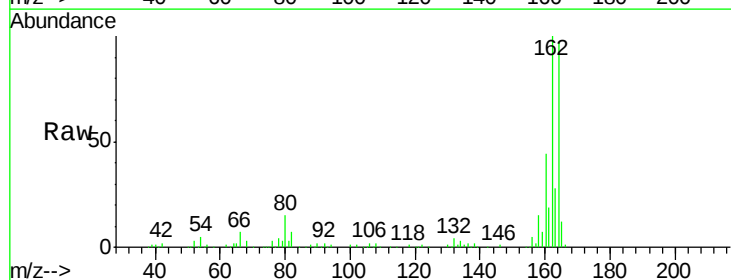
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 276902
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6
115 35.3 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion:164 Resp: 197487
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 45.3 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.46 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 147148

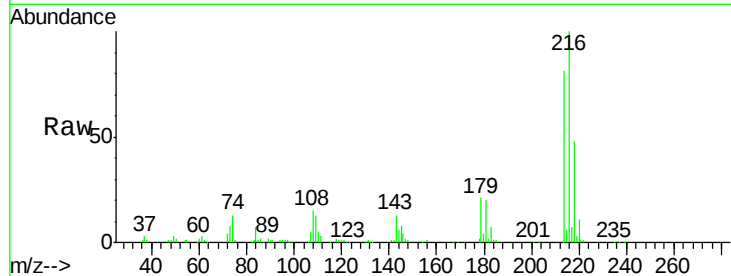
Ion Ratio Lower Upper

216 100

214 79.5 64.6 97.0

179 20.6 17.6 26.4

108 16.4 14.5 21.7

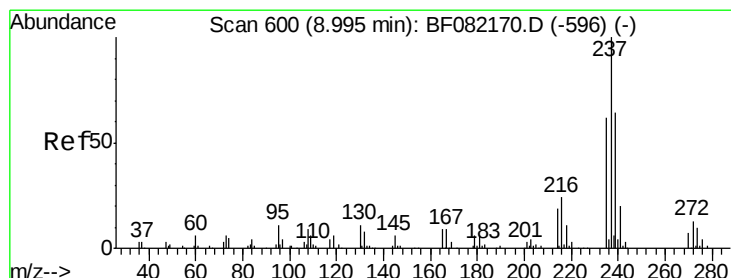
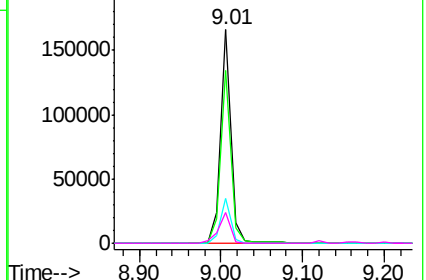
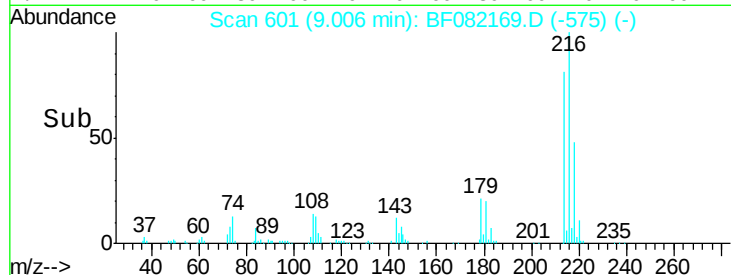


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.51 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

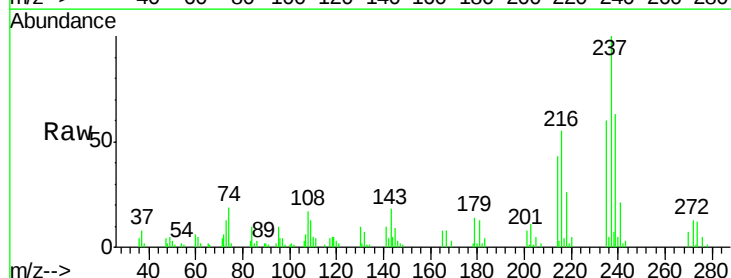
Tgt Ion:237 Resp: 49529

Ion Ratio Lower Upper

237 100

235 59.7 41.7 81.7

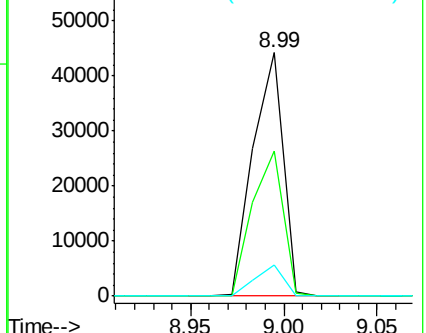
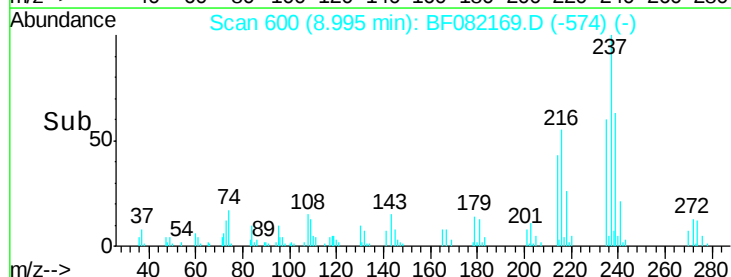
272 13.0 0.0 32.8

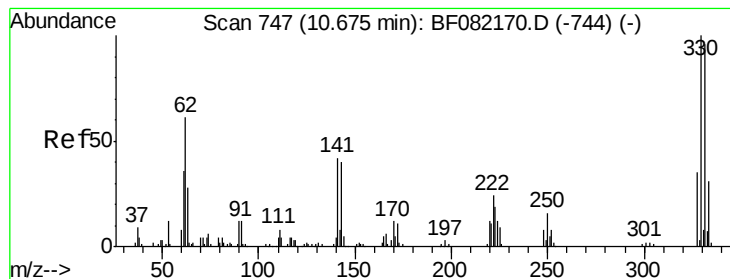


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

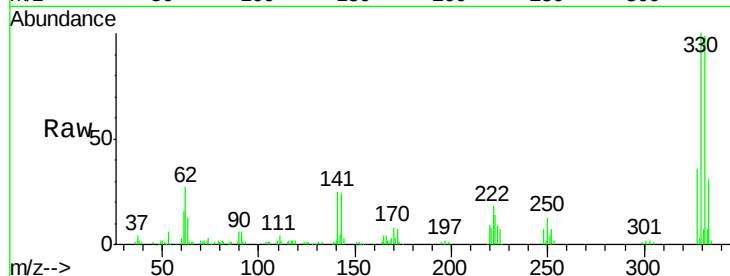




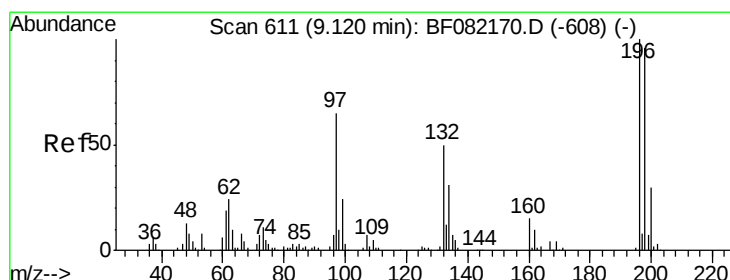
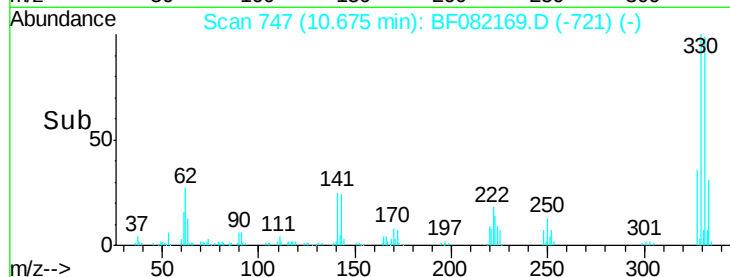
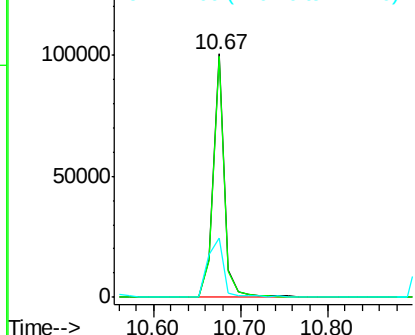
#41
 2,4,6-Tribromophenol
 Concen: 46.51 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 92034
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.1 115.7
 141 34.6 29.8 44.8

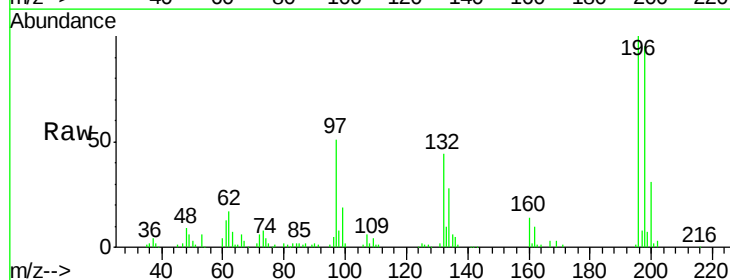


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

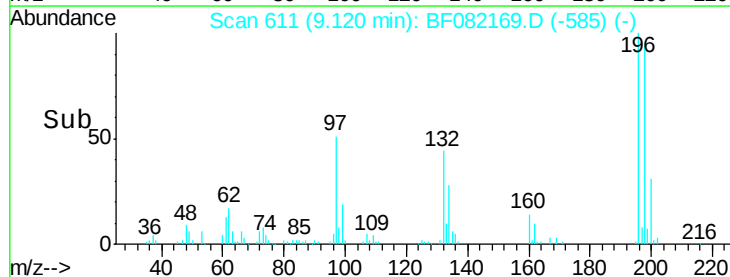
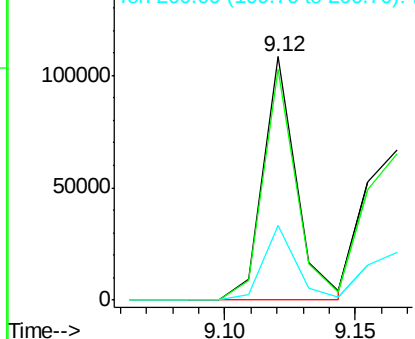


#42
 2,4,6-Trichlorophenol
 Concen: 23.27 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion:196 Resp: 94923
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 200 30.5 23.7 35.5



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

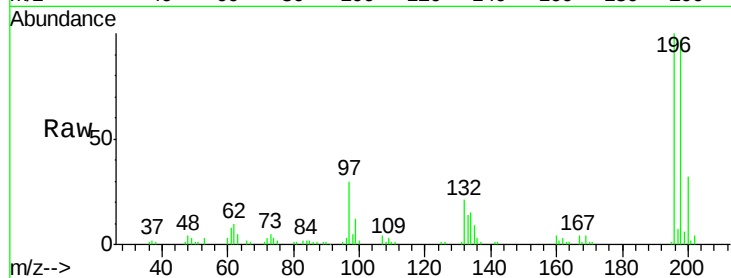




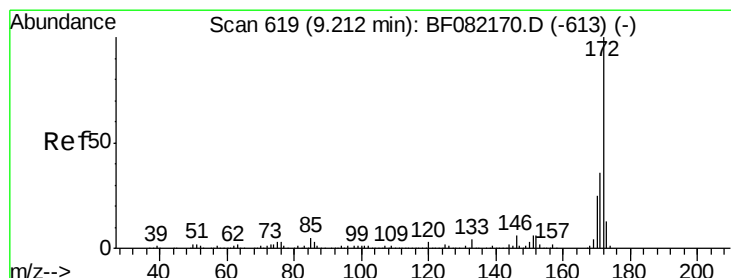
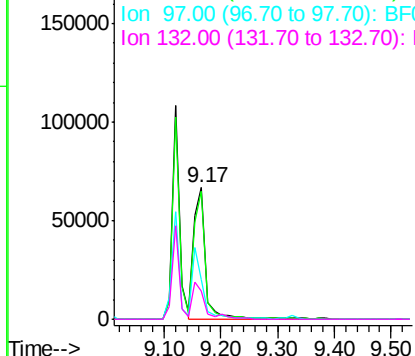
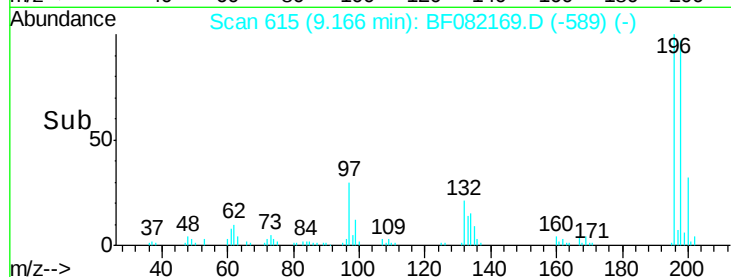
#43
 2,4,5-Trichlorophenol
 Concen: 23.33 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	99266
Ion Ratio	Lower	Upper	
196	100		
198	97.4	77.0	115.4
97	30.2	31.9	47.9#
132	21.4	20.3	30.5

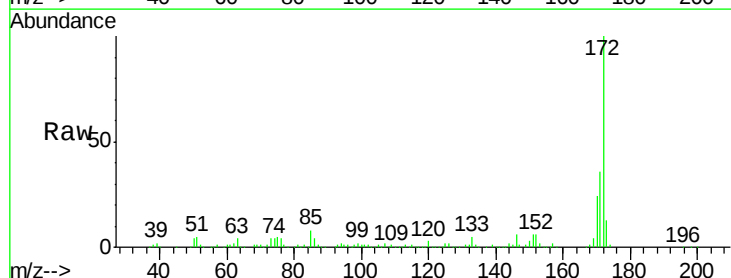


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

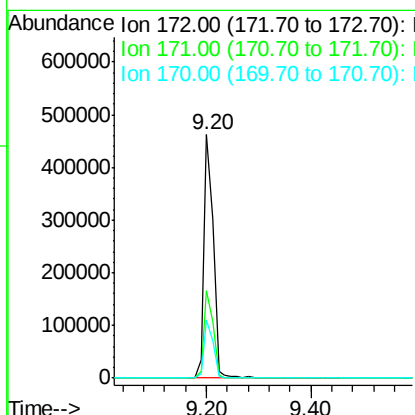
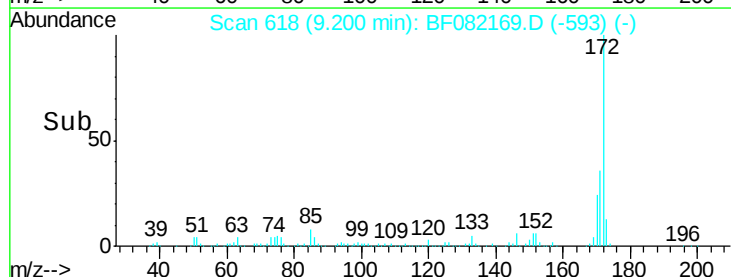


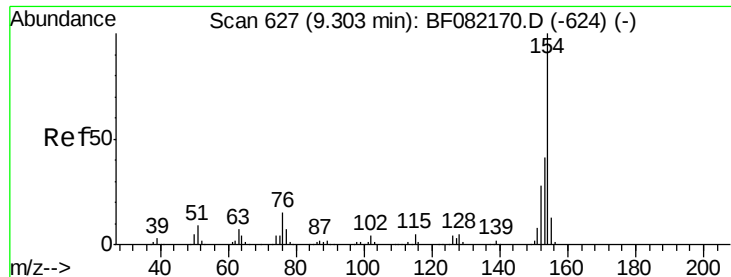
#44
 2-Fluorobiphenyl
 Concen: 45.91 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion	172	Resp	573527
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	42.8
170	24.0	19.7	29.5



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

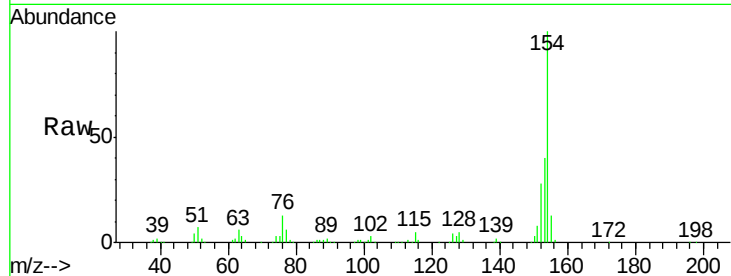




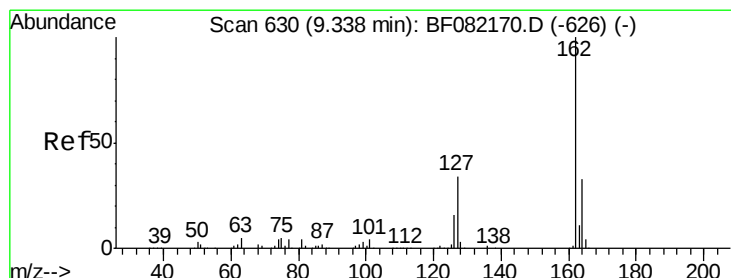
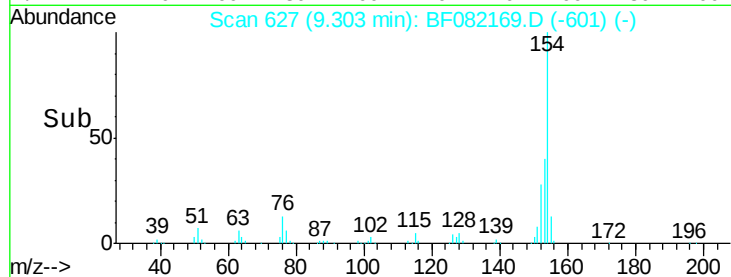
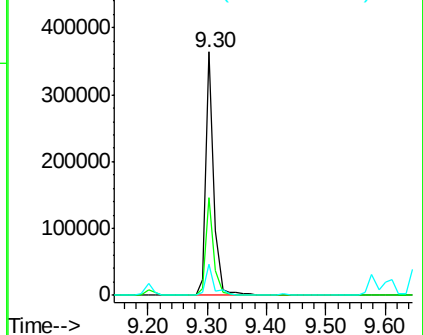
#45
 1,1'-Biphenyl
 Concen: 23.26 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	12.6	0.0	35.2

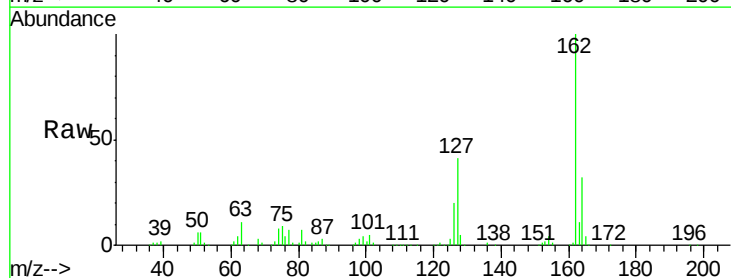


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

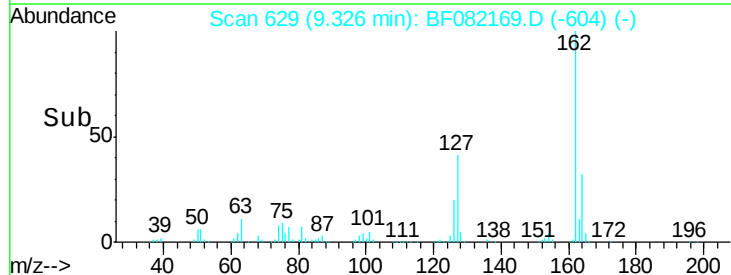
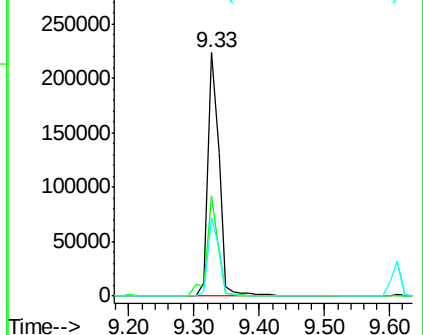


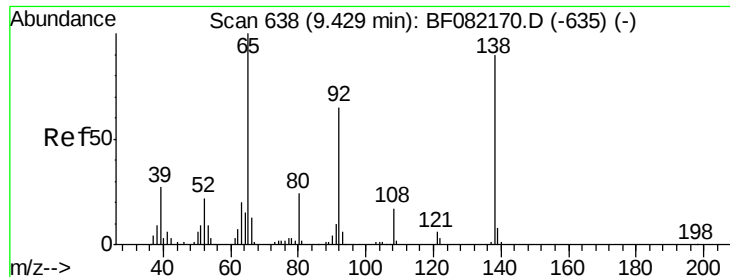
#46
 2-Chloronaphthalene
 Concen: 22.72 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	27.5	41.3
164	32.3	26.6	39.8



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

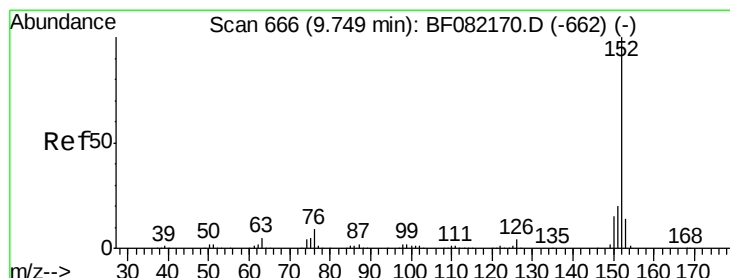
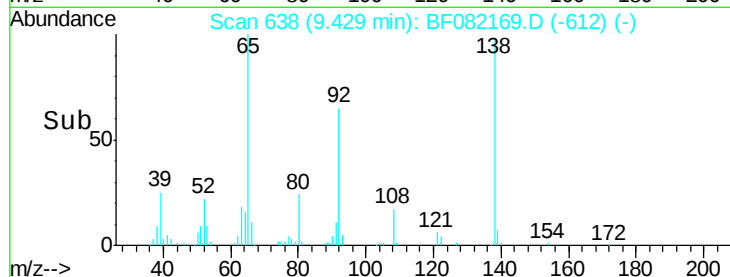
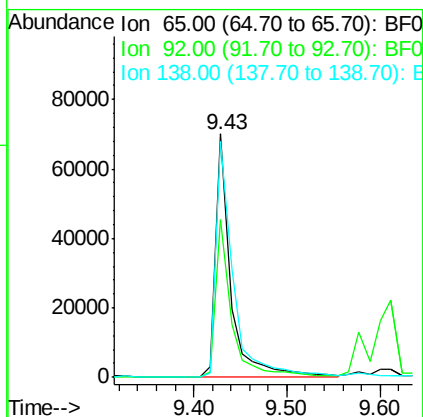
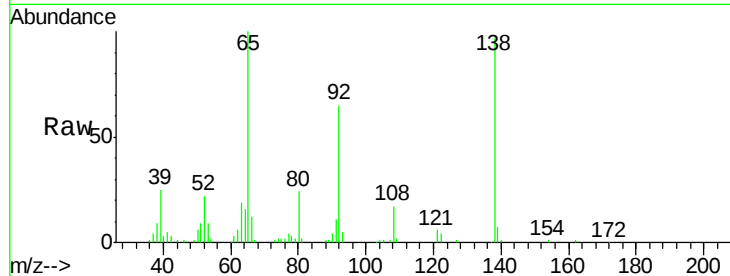




#47
2-Nitroaniline
Concen: 23.00 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

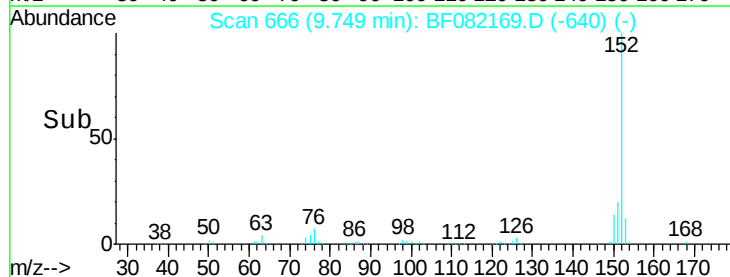
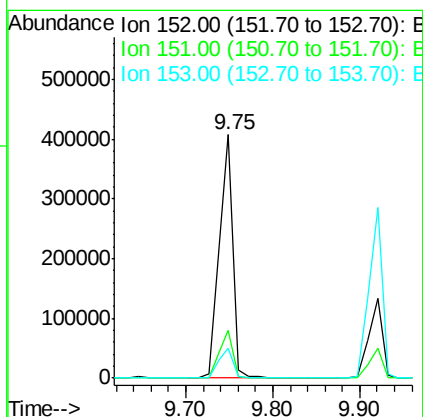
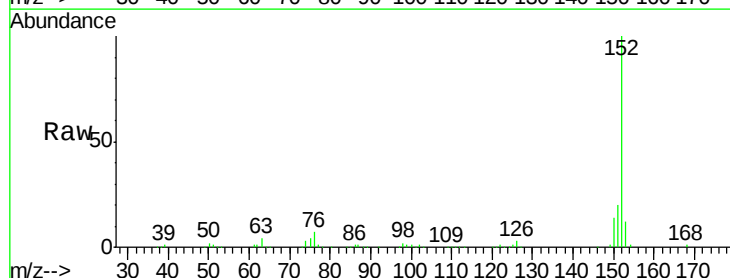
Instrument :
BNA_F
ClientSampleId :

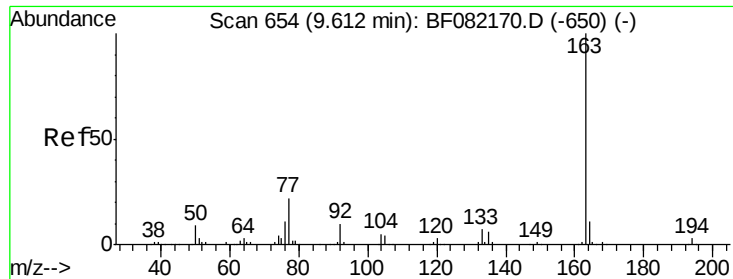
Tot Ion: 65 Resp: 80160
Ion Ratio Lower Upper
65 100
92 65.1 52.3 78.5
138 96.8 72.2 108.4



#48
Acenaphthylene
Concen: 23.66 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion: 152 Resp: 452762
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.4 10.8 16.2





#49

Dimethylphthalate

Concen: 25.02 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

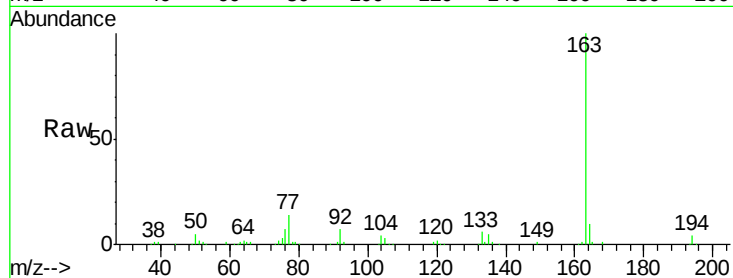
Tot Ion:163 Resp: 336741

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

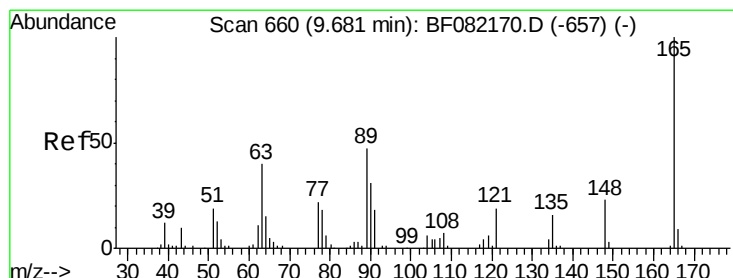
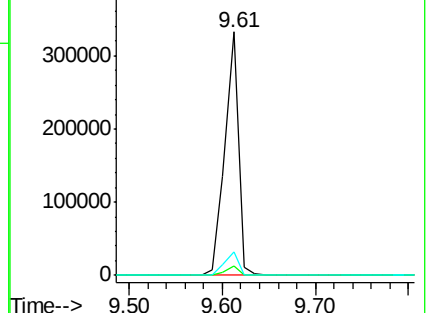
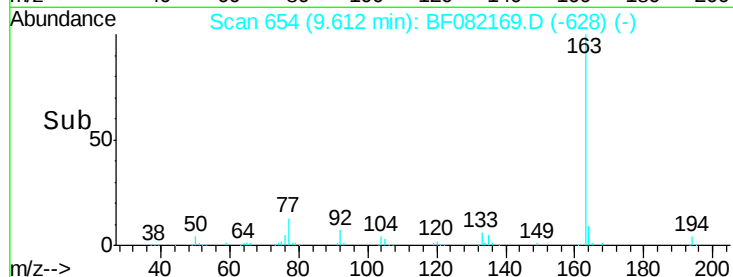
164 9.8 8.5 12.7



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: 21.69 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

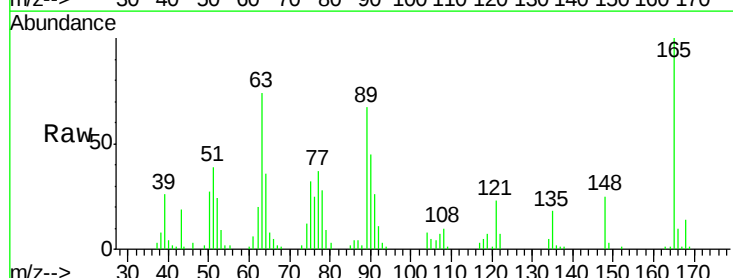
Tgt Ion:165 Resp: 64723

Ion Ratio Lower Upper

165 100

63 74.3 36.7 55.1#

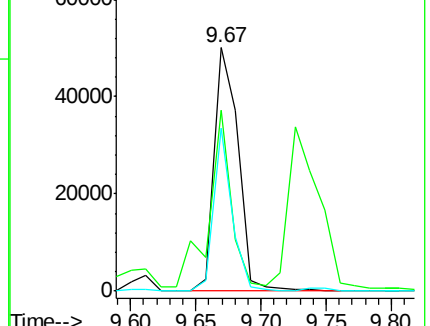
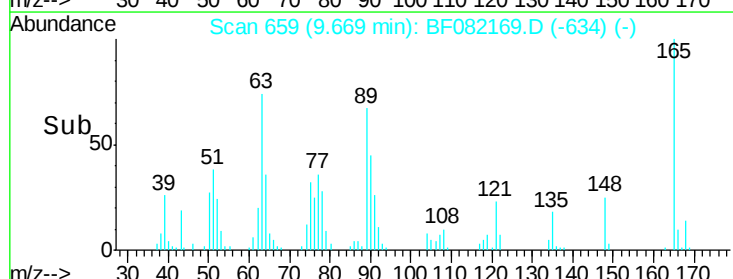
89 66.8 37.8 56.6#

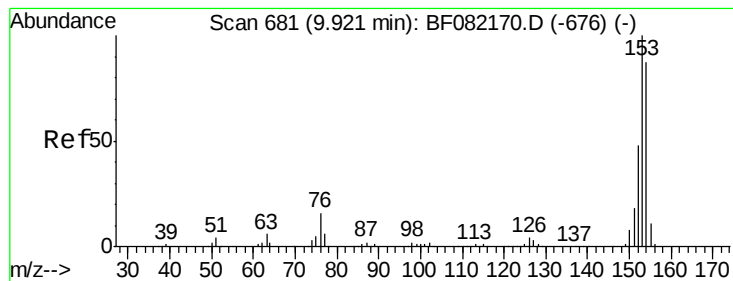


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.10 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

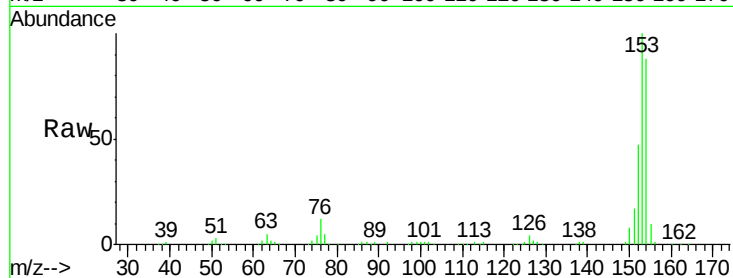
Tot Ion:154 Resp: 263047

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

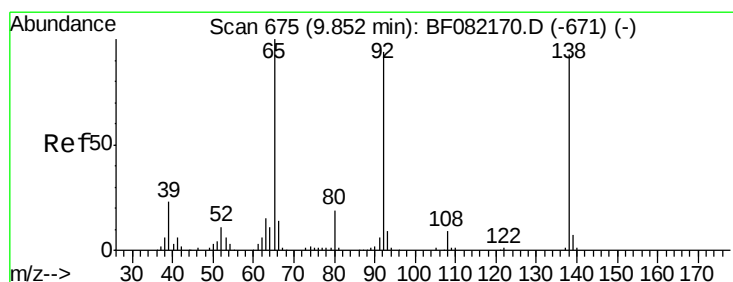
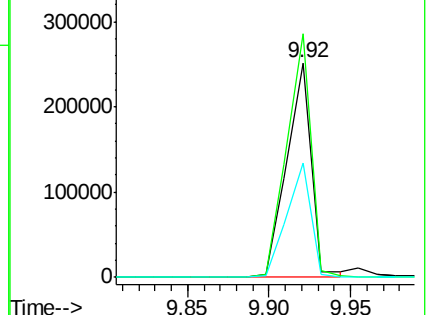
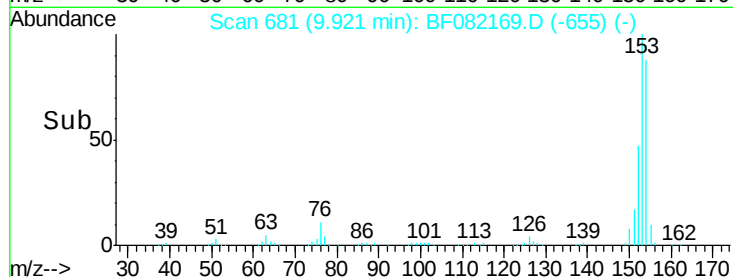
152 53.1 44.3 66.5



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: 23.55 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

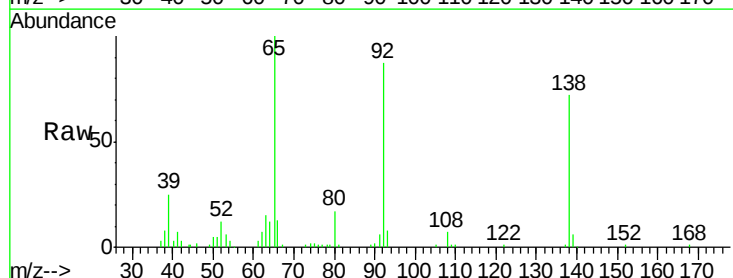
Tgt Ion:138 Resp: 80019

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.0

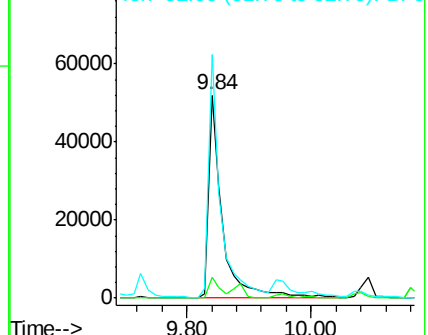
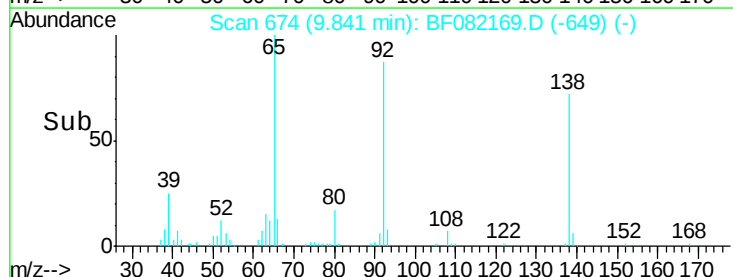
92 120.1 81.3 121.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

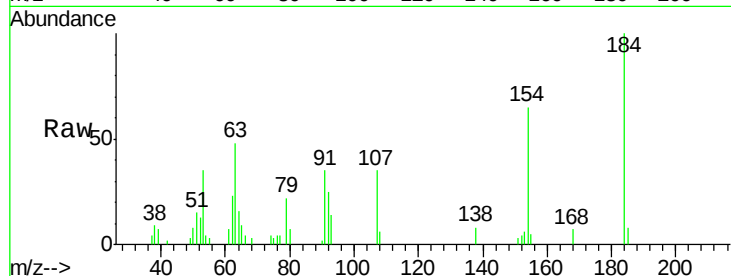




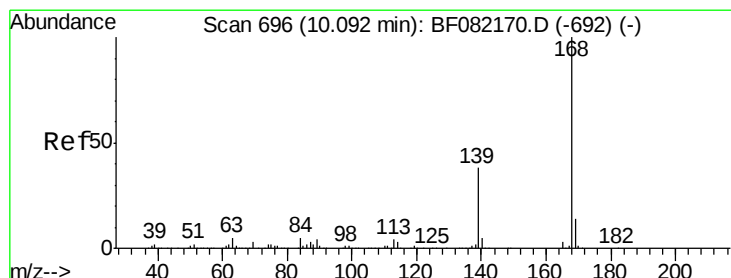
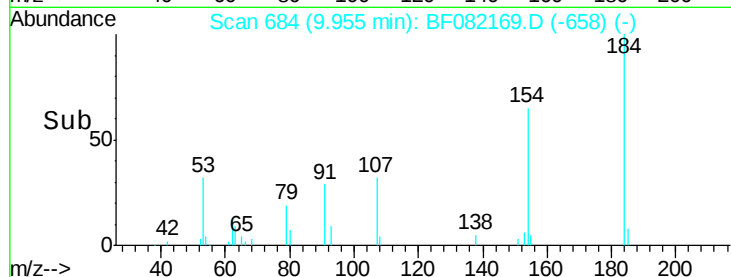
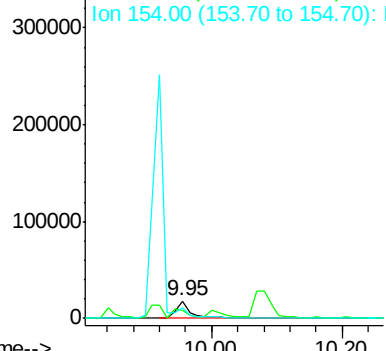
#53
2,4-Dinitrophenol
Concen: 27.65 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 30130
Ion Ratio Lower Upper
184 100
63 48.3 45.1 67.7
154 64.9 51.2 76.8

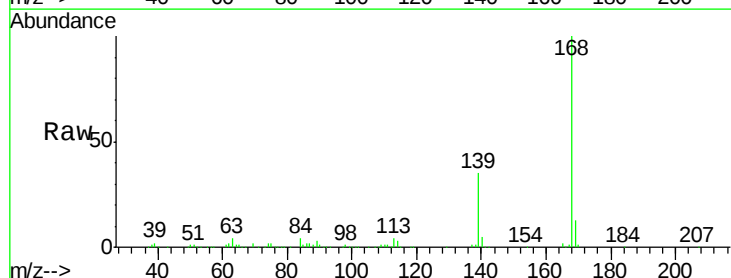


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

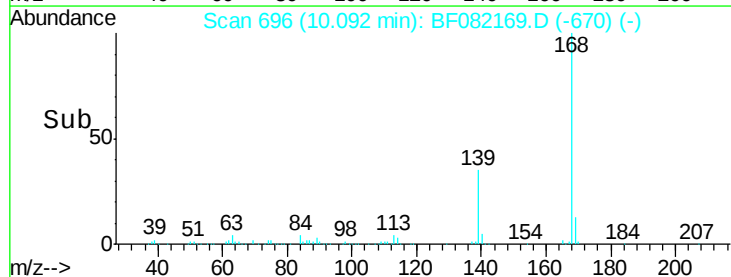
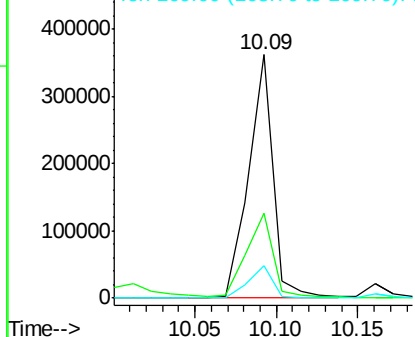


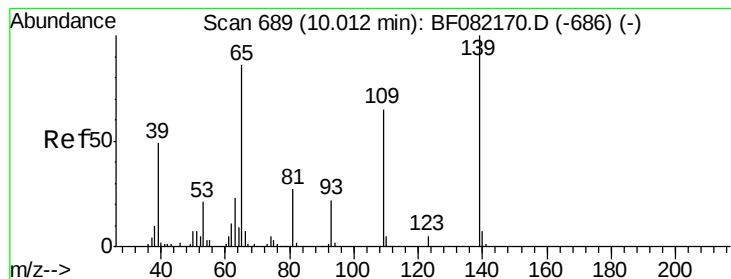
#54
Dibenzofuran
Concen: 23.39 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion:168 Resp: 376684
Ion Ratio Lower Upper
168 100
139 34.7 31.0 46.6
169 13.1 10.9 16.3



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





#55

4-Nitrophenol

Concen: 17.46 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

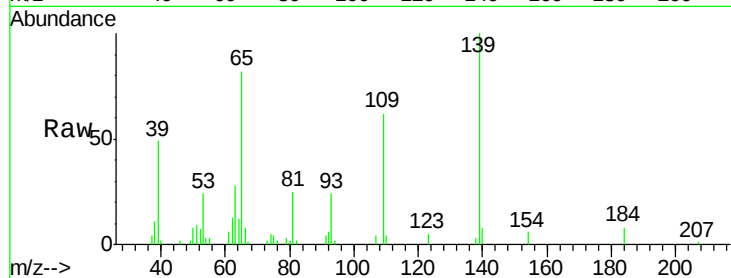
Tot Ion:139 Resp: 41811

Ion Ratio Lower Upper

139 100

109 62.4 44.8 84.8

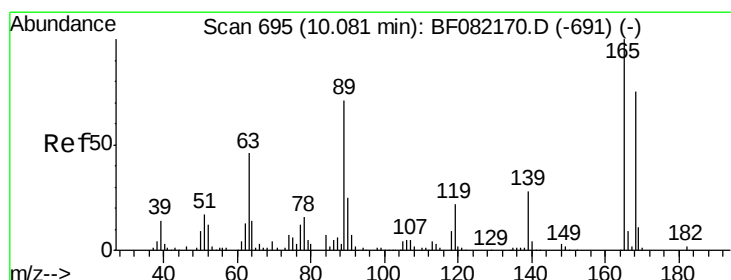
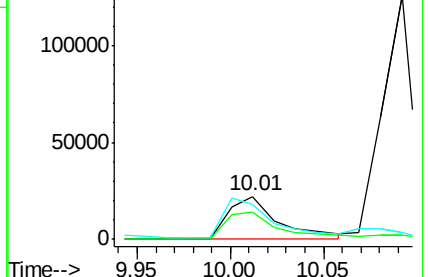
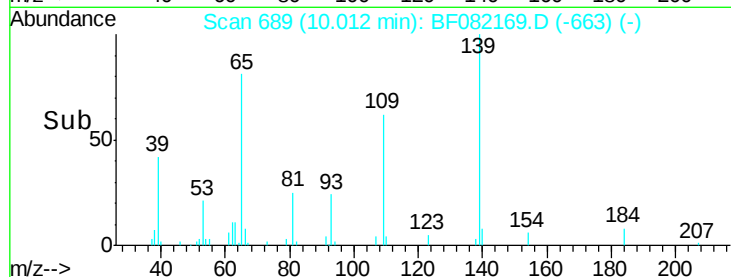
65 81.9 67.7 107.7



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: 24.16 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Tgt Ion:165 Resp: 90927

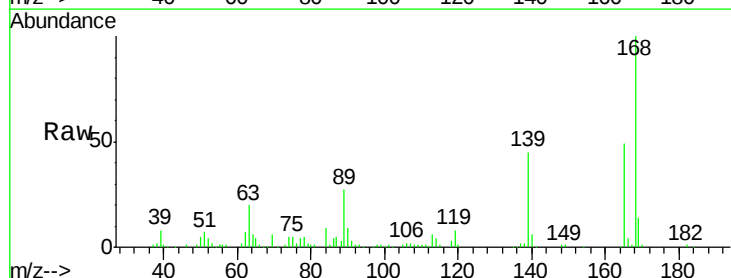
Ion Ratio Lower Upper

165 100

63 41.1 38.6 58.0

89 54.2 57.0 85.6#

182 2.4 1.8 2.6

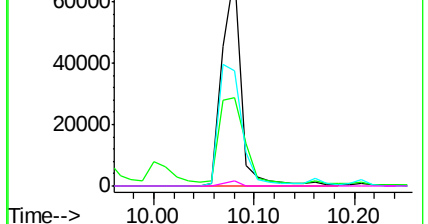
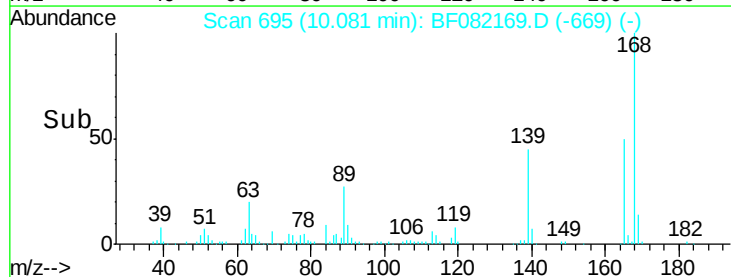


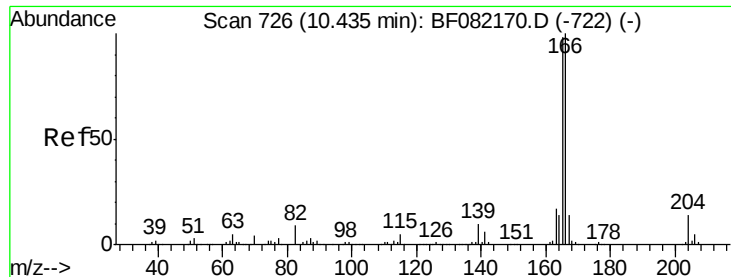
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

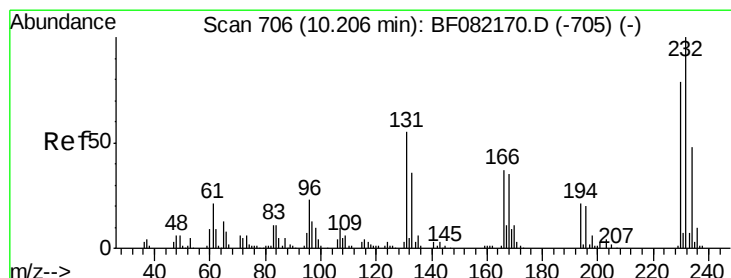
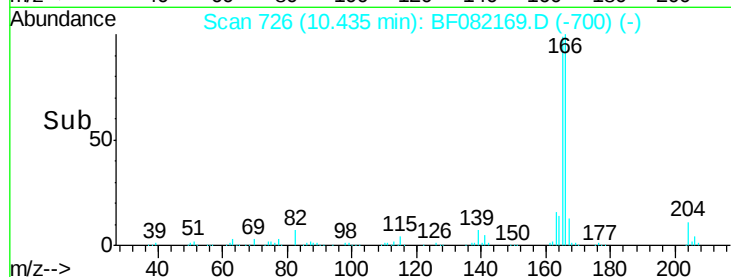
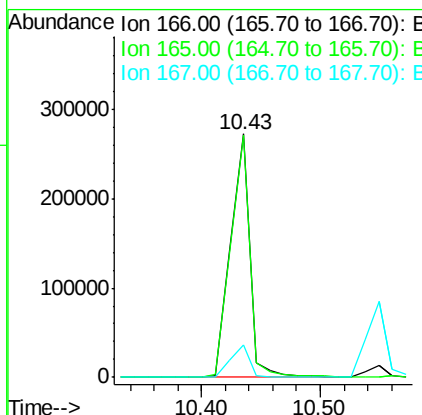
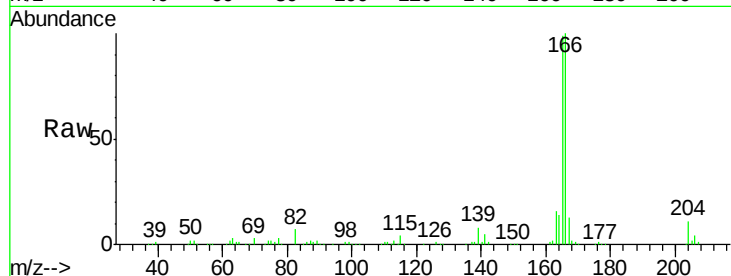




#57
 Fluorene
 Concen: 24.09 ng
 RT: 10.43 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

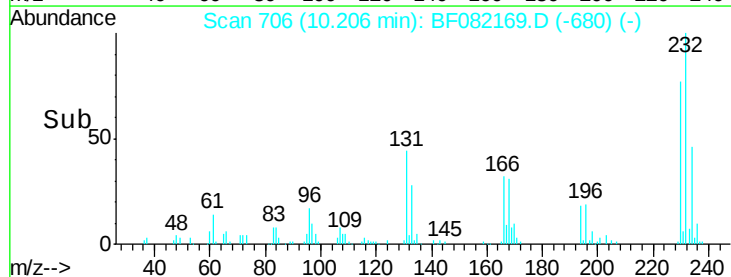
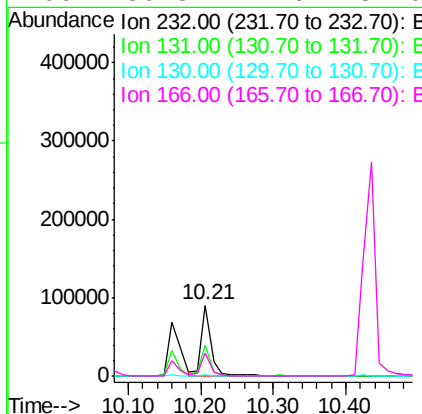
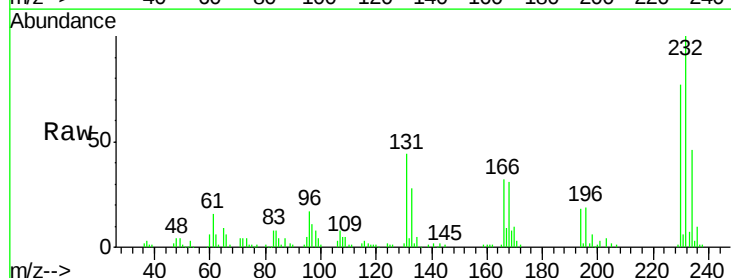
Instrument :
 BNA_F
 ClientSampleId :

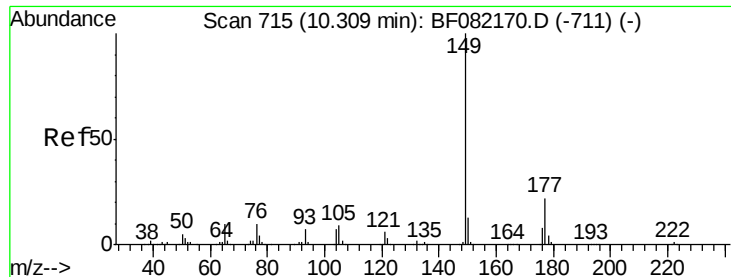
Tot Ion:166 Resp: 308151
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.3 117.5
 167 13.2 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.05 ng
 RT: 10.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion:232 Resp: 87727
 Ion Ratio Lower Upper
 232 100
 131 42.0 36.6 54.8
 130 1.5 1.5 2.3
 166 30.3 24.6 37.0

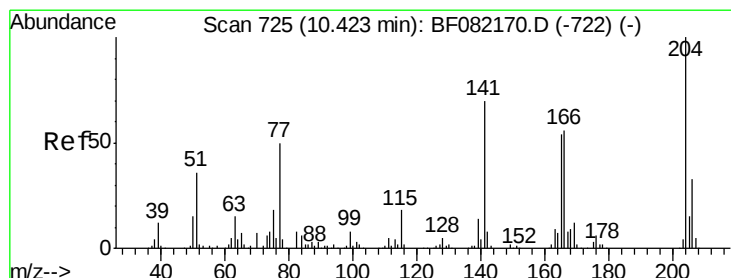
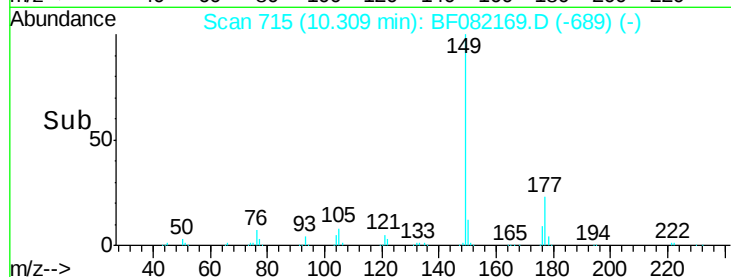
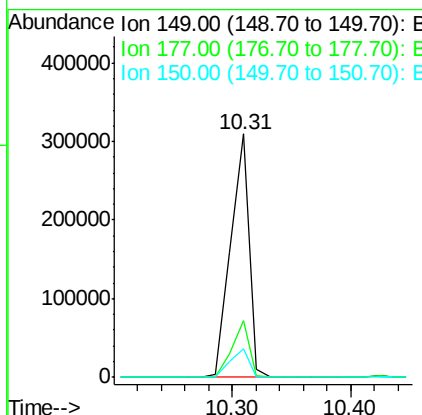
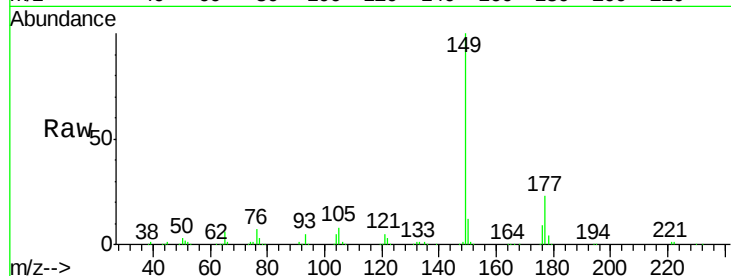




#59
Diethylphthalate
Concen: 26.24 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

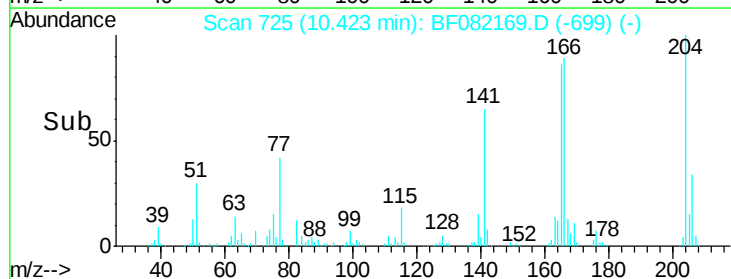
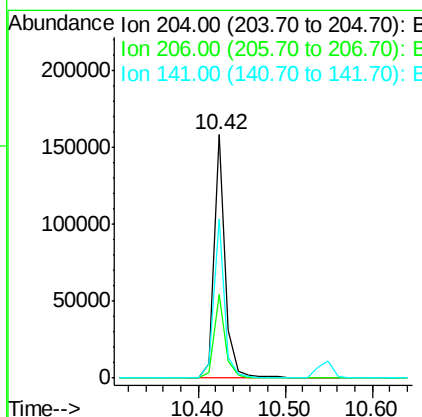
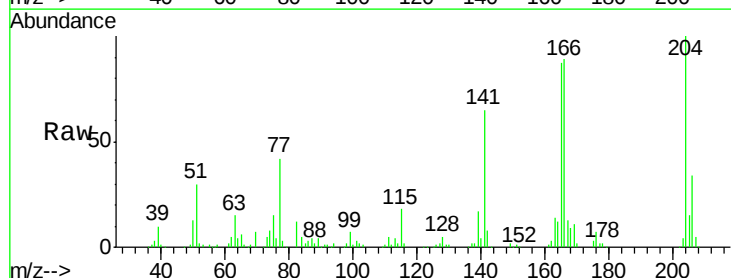
Instrument :
BNA_F
ClientSampled :

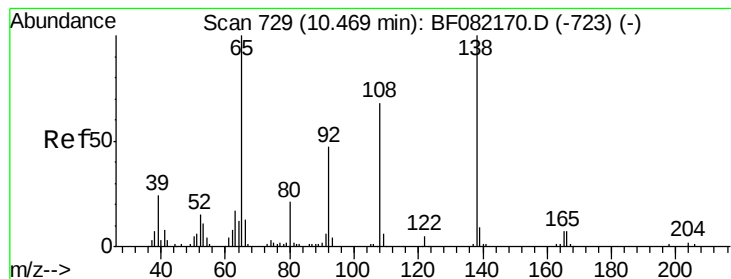
Tot Ion:149 Resp: 333177
Ion Ratio Lower Upper
149 100
177 23.4 17.6 26.4
150 12.0 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 24.51 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion:204 Resp: 143758
Ion Ratio Lower Upper
204 100
206 34.3 26.8 40.2
141 65.3 56.1 84.1





#61

4-Nitroaniline

Concen: 23.03 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

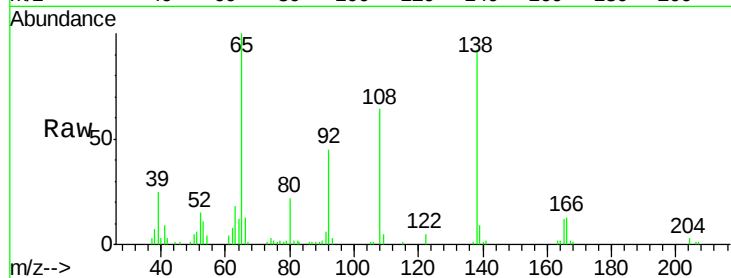
Tot Ion:138 Resp: 79210

Ion Ratio Lower Upper

138 100

92 48.3 26.8 66.8

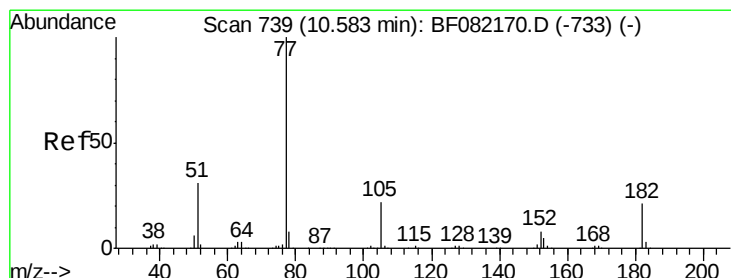
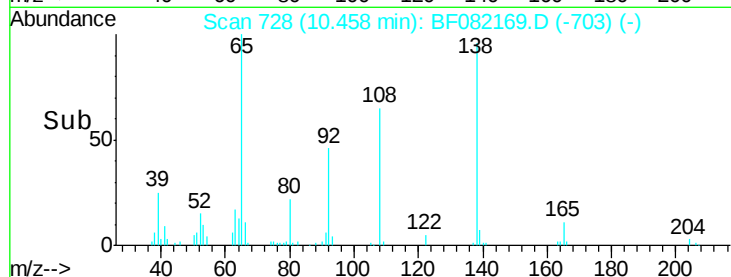
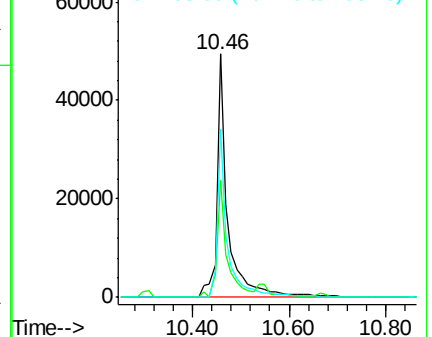
108 69.0 48.4 88.4



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: 25.07 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Tgt Ion: 77 Resp: 310590

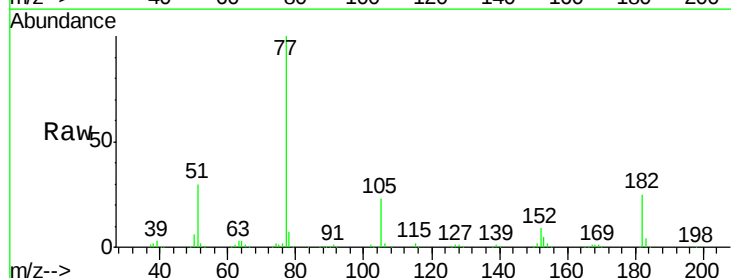
Ion Ratio Lower Upper

77 100

182 24.7 0.5 40.5

105 23.4 1.8 41.8

51 30.3 11.2 51.2

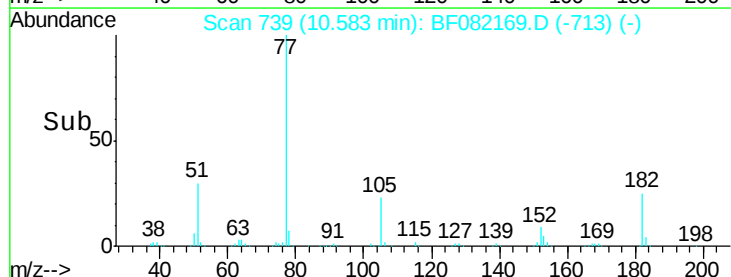
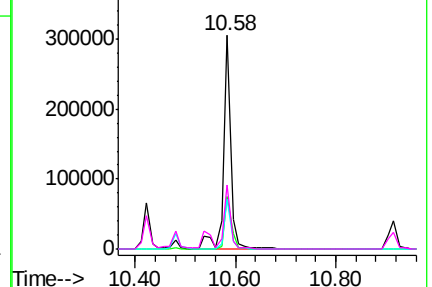


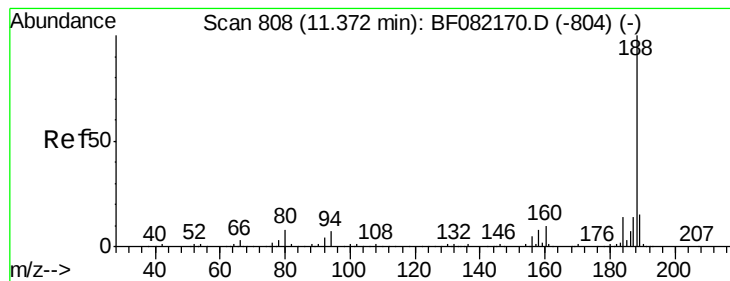
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

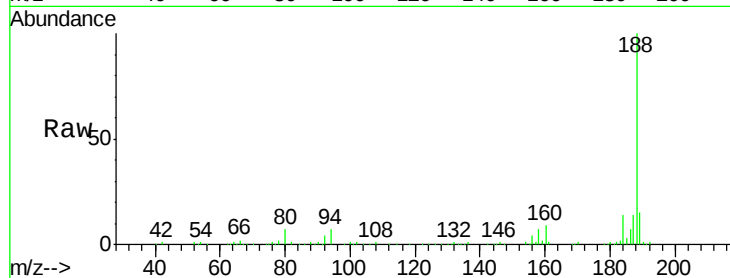
Tot Ion:188 Resp: 375703

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

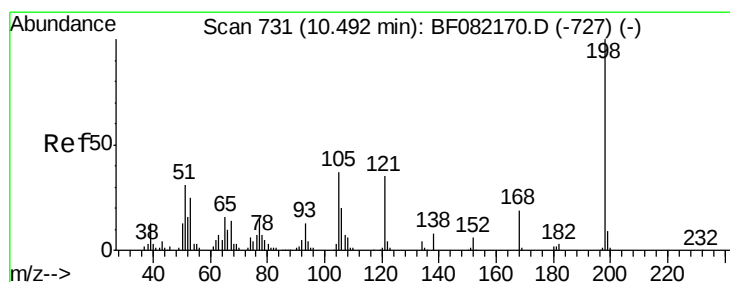
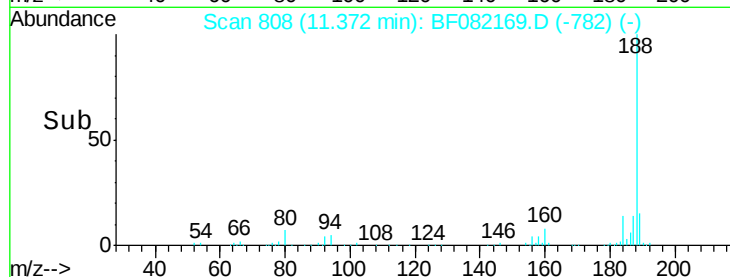
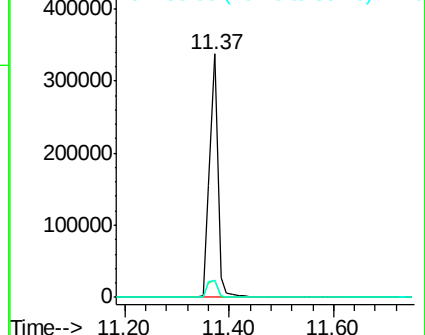
80 7.2 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.18 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

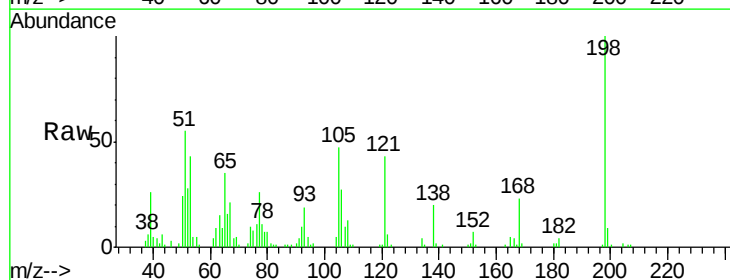
Tgt Ion:198 Resp: 48809

Ion Ratio Lower Upper

198 100

51 55.0 13.6 53.6#

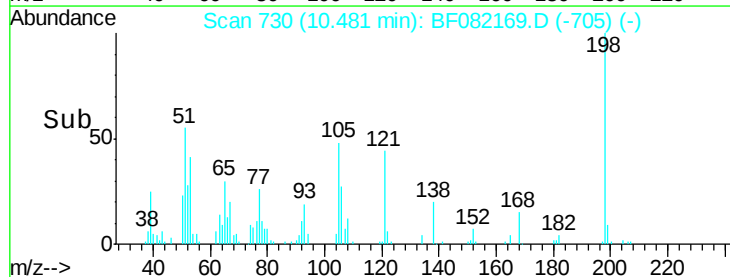
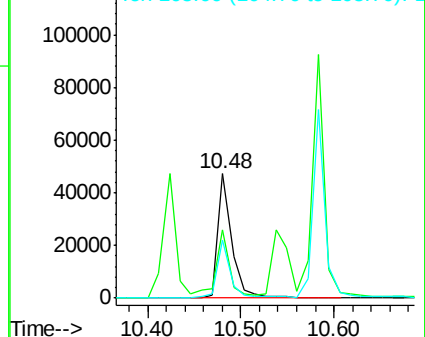
105 47.1 17.1 57.1

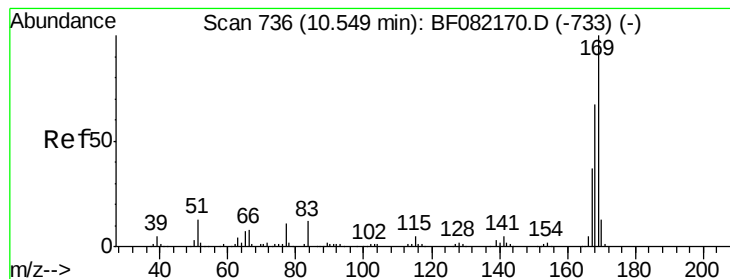


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 23.59 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

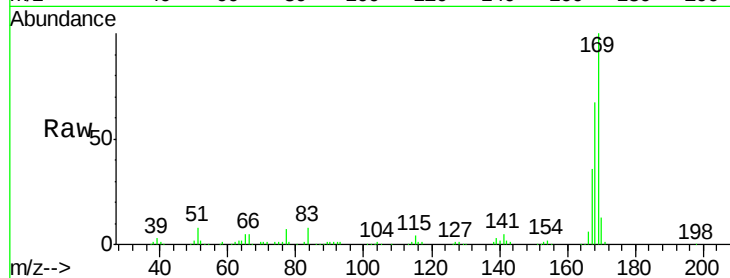
Tot Ion:169 Resp: 267936

Ion Ratio Lower Upper

169 100

168 66.9 54.0 81.0

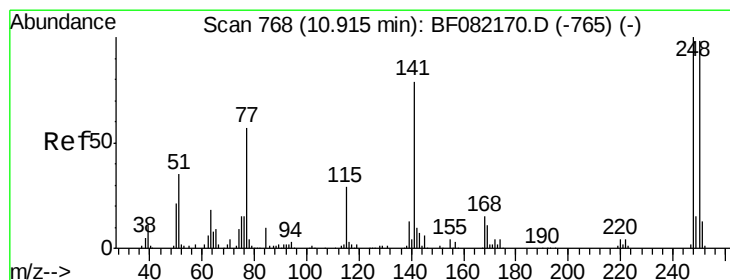
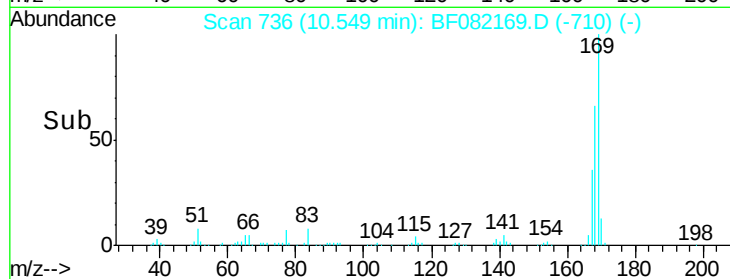
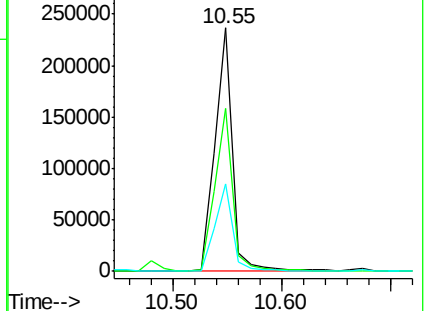
167 35.8 29.6 44.4



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: 24.29 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

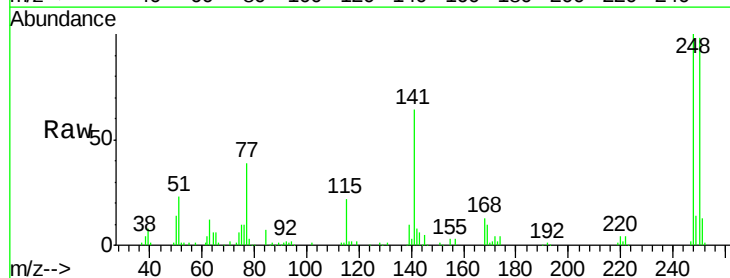
Tgt Ion:248 Resp: 92093

Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

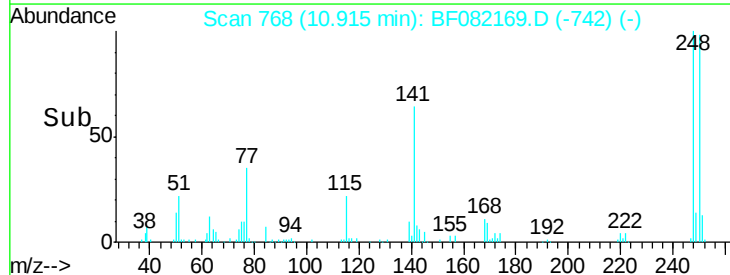
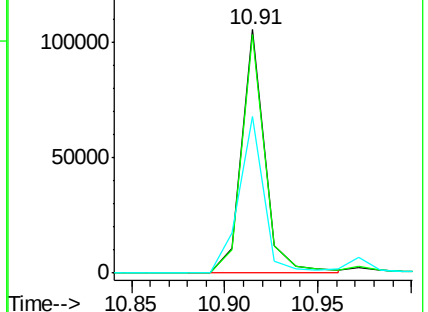
141 64.4 63.3 94.9

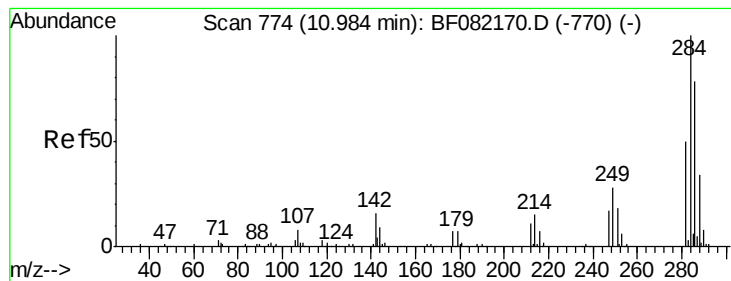


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.75 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

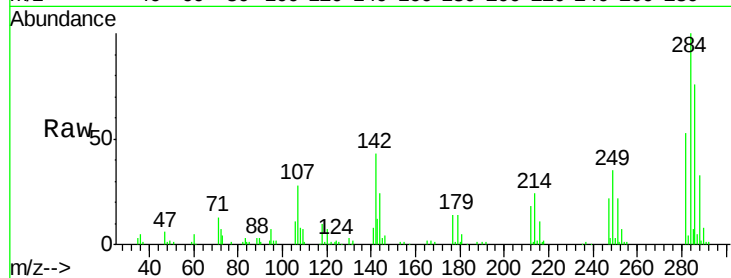
Tot Ion:284 Resp: 92053

Ion Ratio Lower Upper

284 100

142 43.2 13.0 19.6#

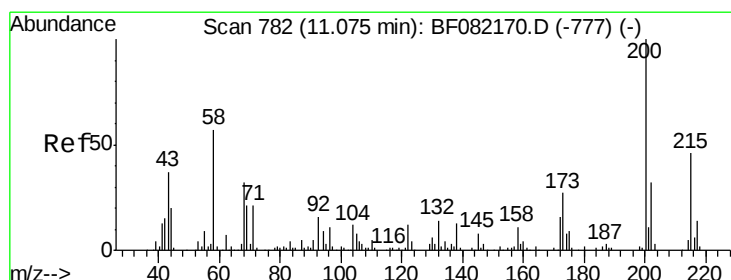
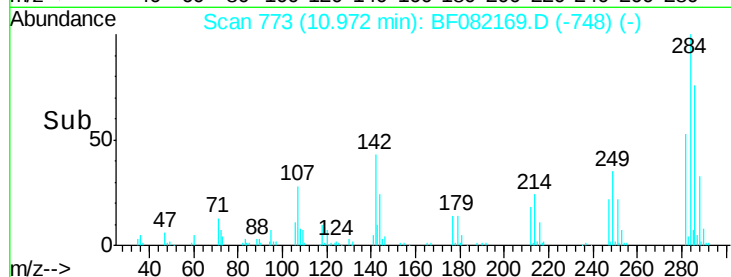
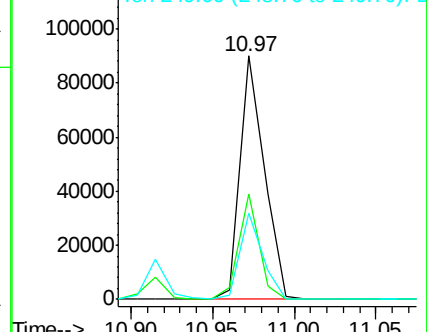
249 35.4 22.5 33.7#



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: 26.54 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

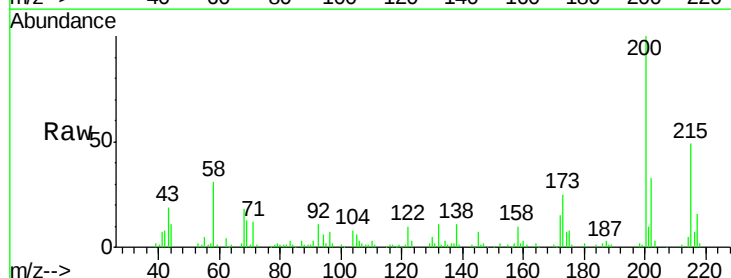
Tgt Ion:200 Resp: 92913

Ion Ratio Lower Upper

200 100

173 25.3 7.3 47.3

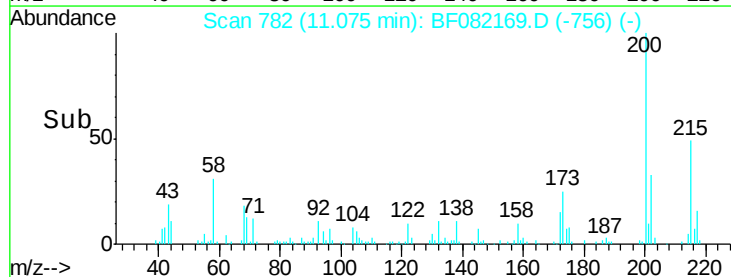
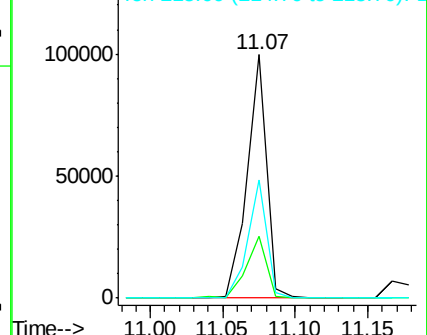
215 48.8 26.2 66.2

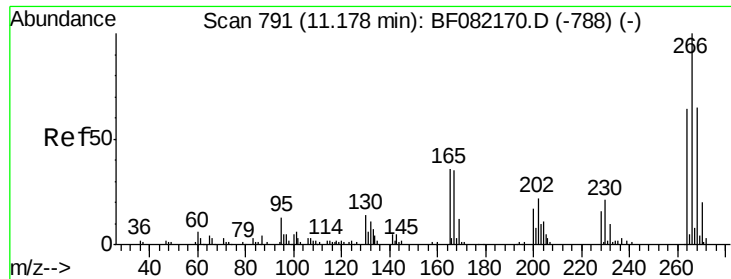


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

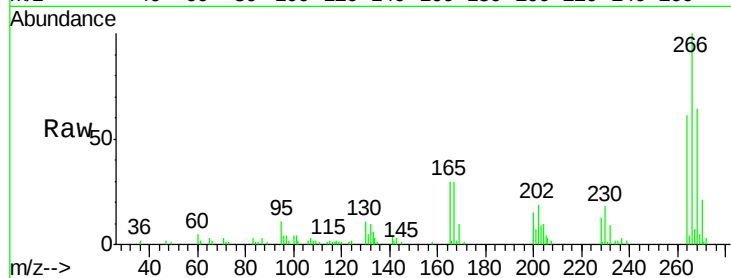




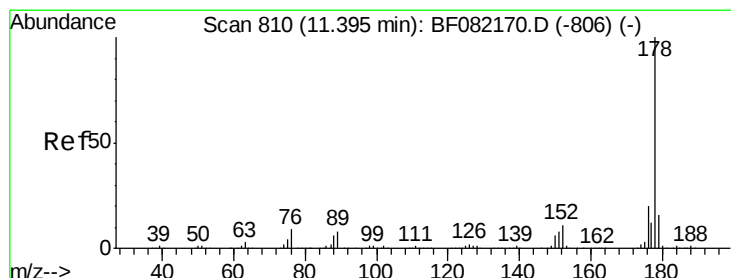
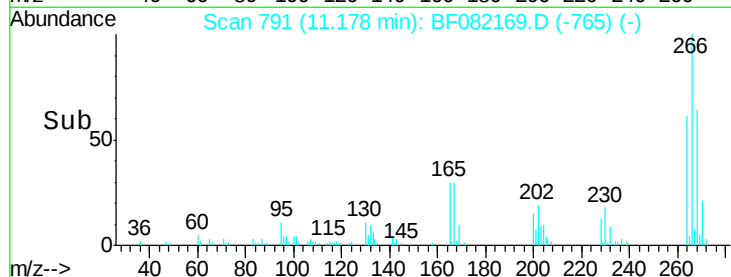
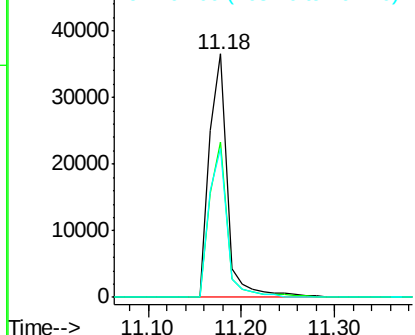
#69
 Pentachlorophenol
 Concen: 20.58 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 49485
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.0 78.0
 264 61.3 51.4 77.0

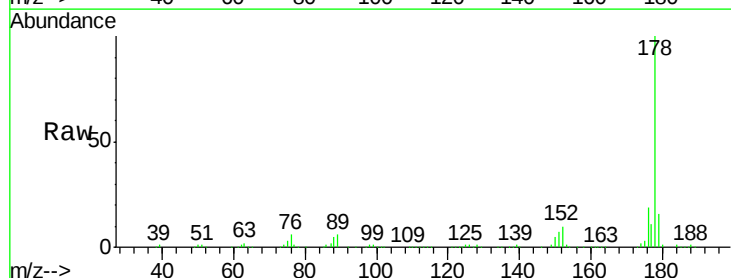


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

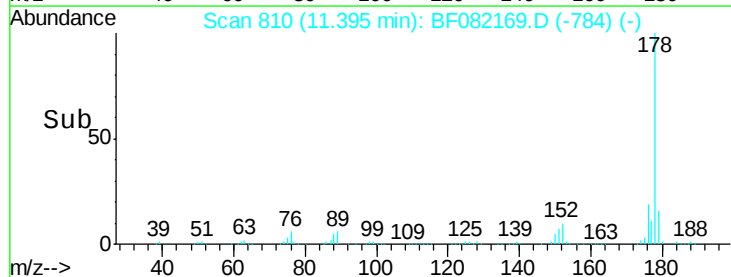
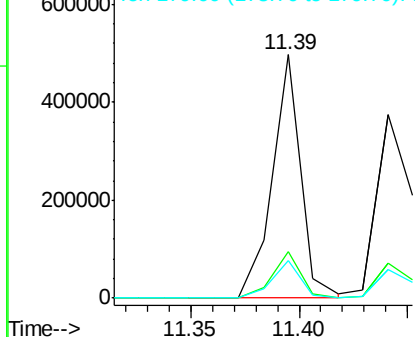


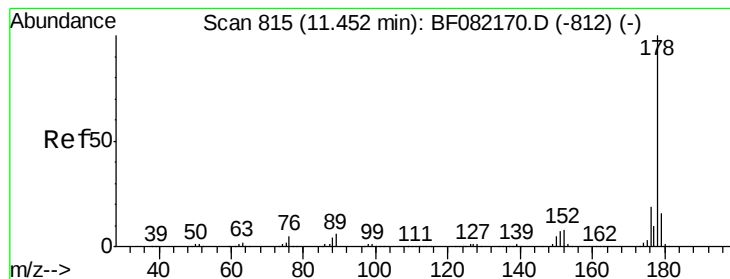
#70
 Phenanthrene
 Concen: 23.31 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion:178 Resp: 458353
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 15.6 12.6 19.0



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: 23.85 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

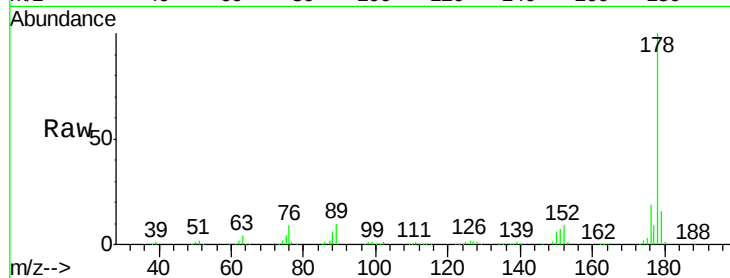
Tot Ion:178 Resp: 459271

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

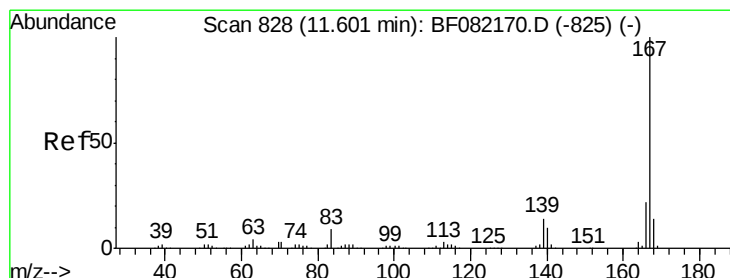
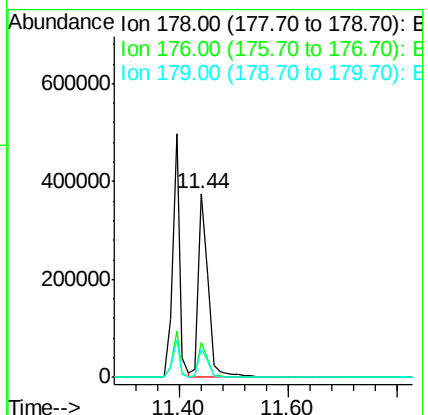
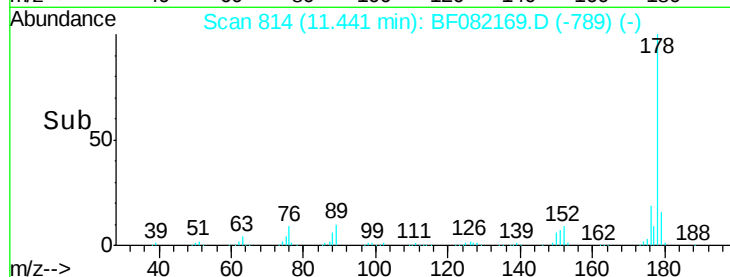
179 15.9 12.5 18.7



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: 23.94 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

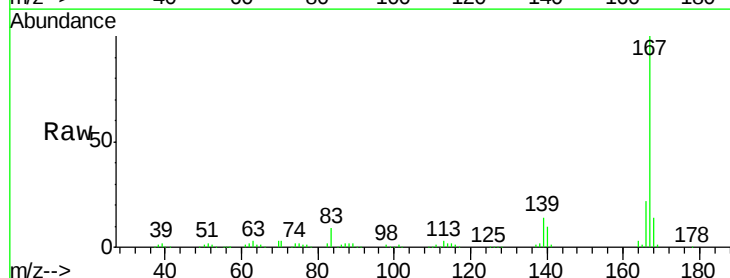
Tgt Ion:167 Resp: 412493

Ion Ratio Lower Upper

167 100

166 22.5 17.3 25.9

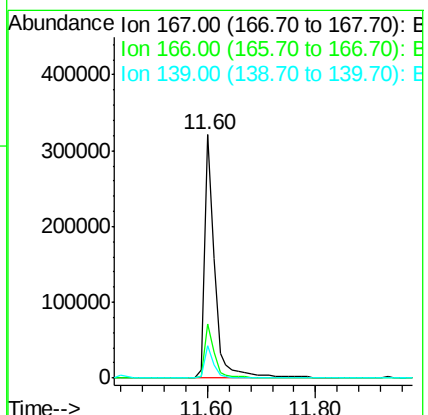
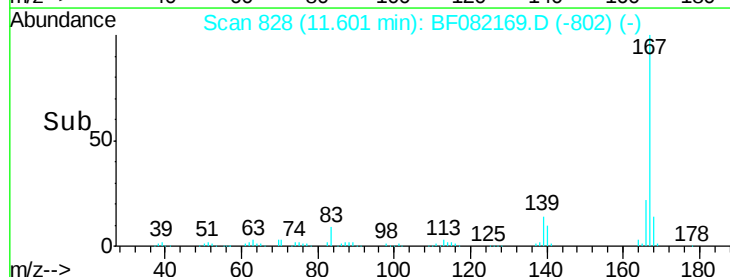
139 13.5 11.2 16.8

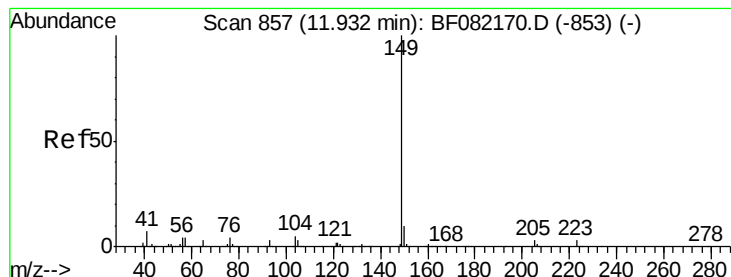


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.56 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

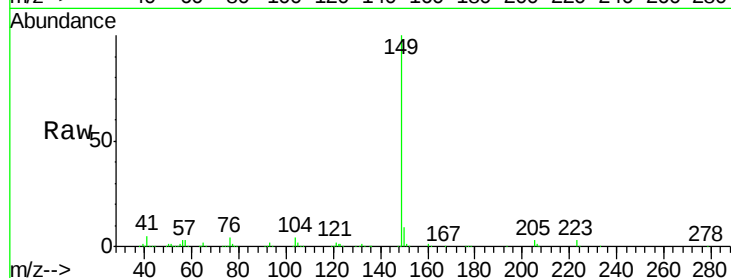
Tot Ion:149 Resp: 542677

Ion Ratio Lower Upper

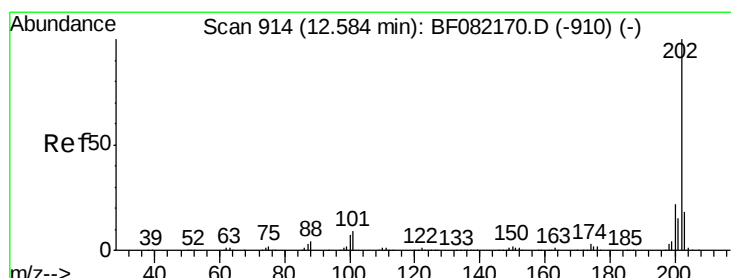
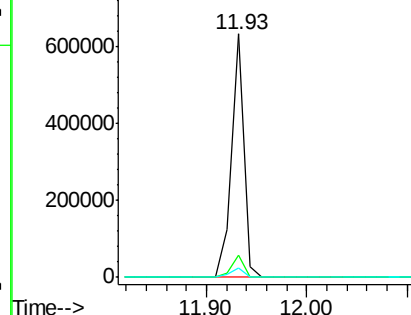
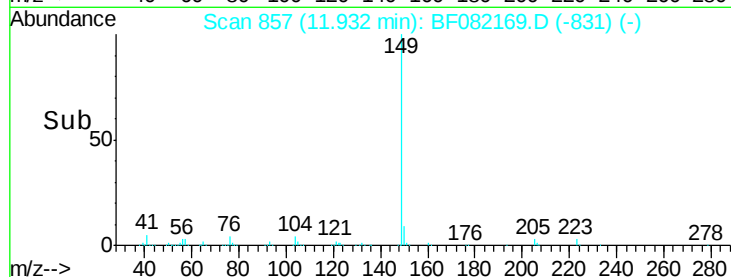
149 100

150 9.3 7.8 11.6

104 4.0 3.8 5.8



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: 24.60 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

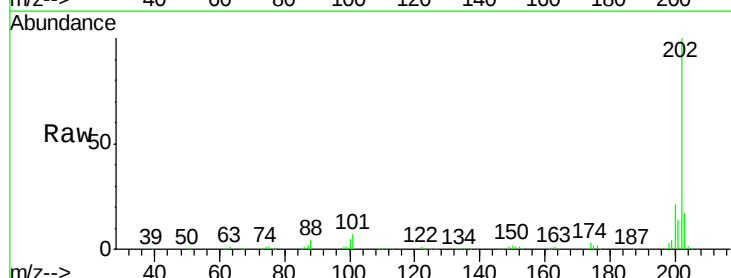
Tgt Ion:202 Resp: 500869

Ion Ratio Lower Upper

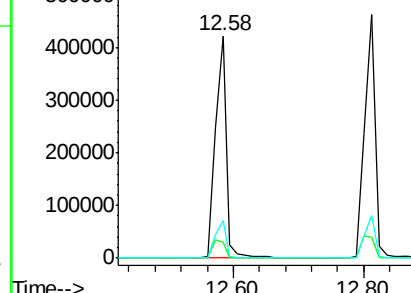
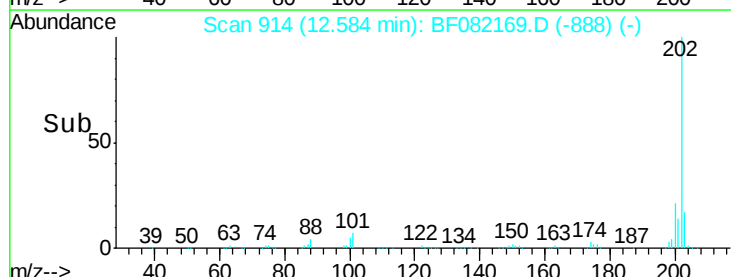
202 100

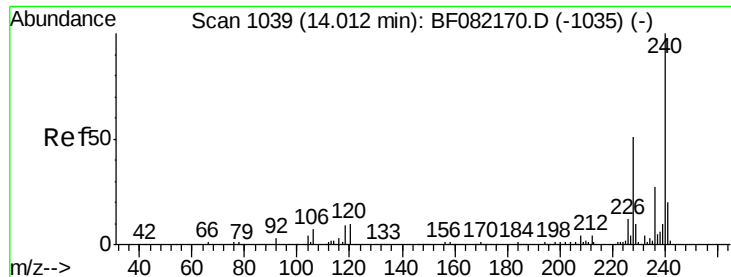
101 7.1 0.0 29.3

203 17.0 0.0 37.8



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: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

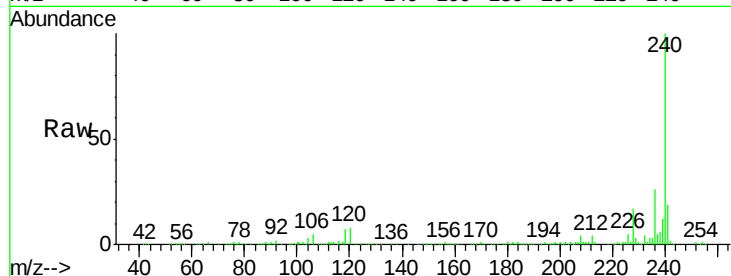
Tot Ion:240 Resp: 358597

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

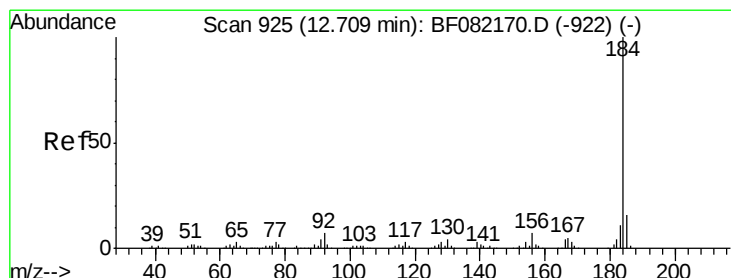
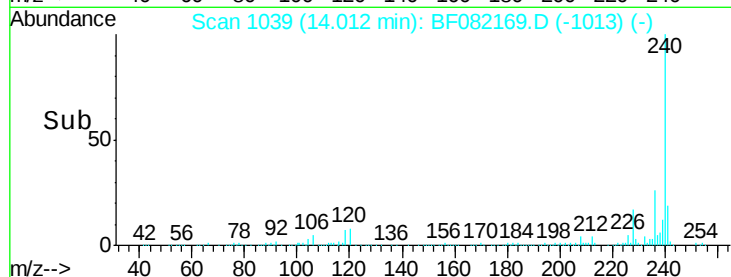
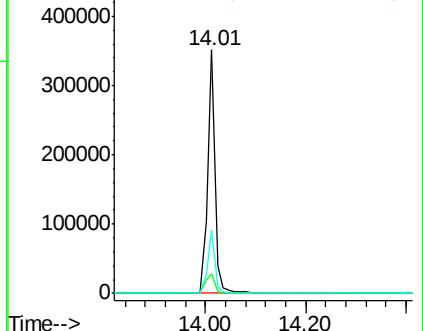
236 26.1 21.3 31.9



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: 24.54 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

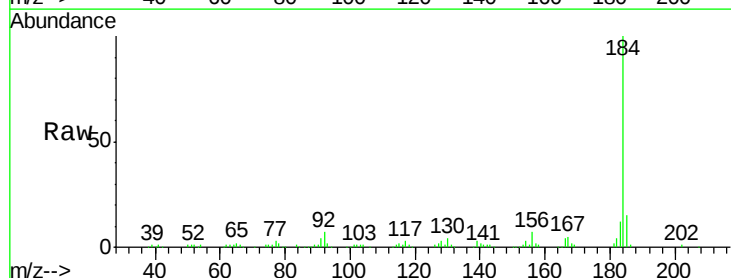
Tgt Ion:184 Resp: 260543

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

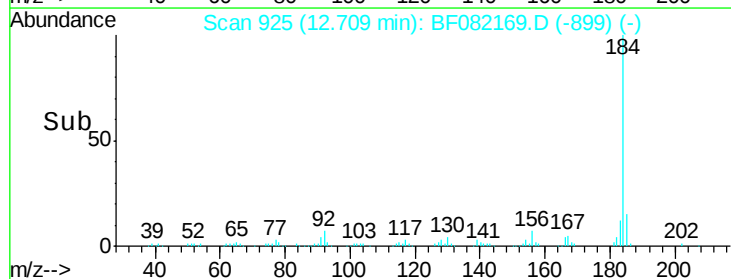
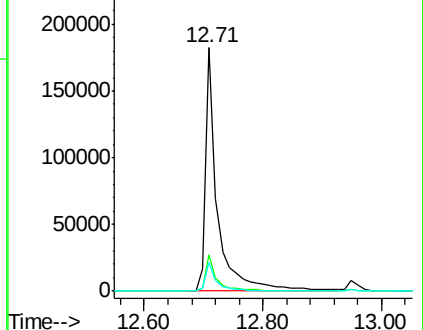
183 11.5 9.1 13.7

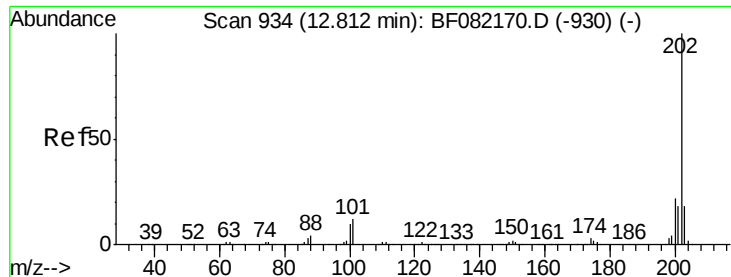


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

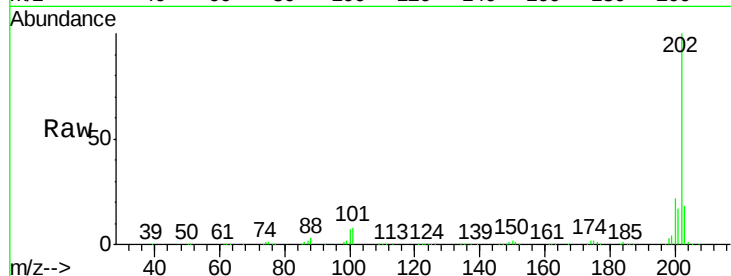




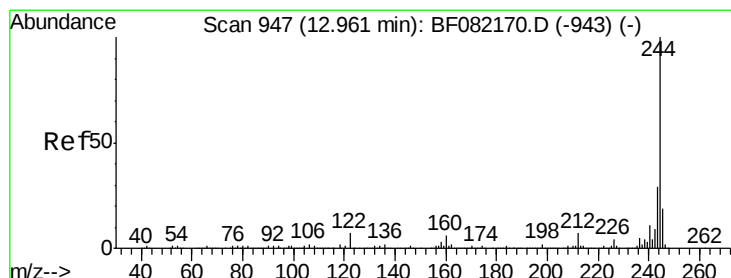
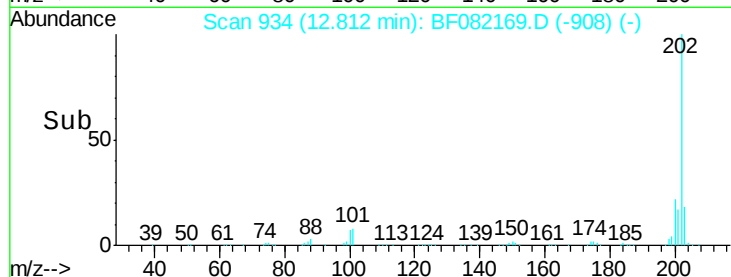
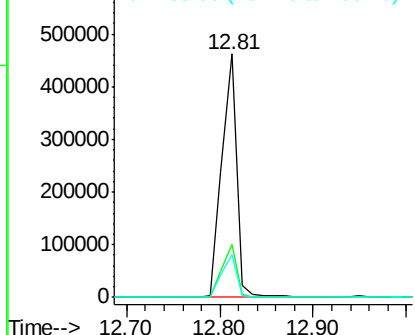
#77
Pvrene
Concen: 24.00 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 507138
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 17.7 14.5 21.7

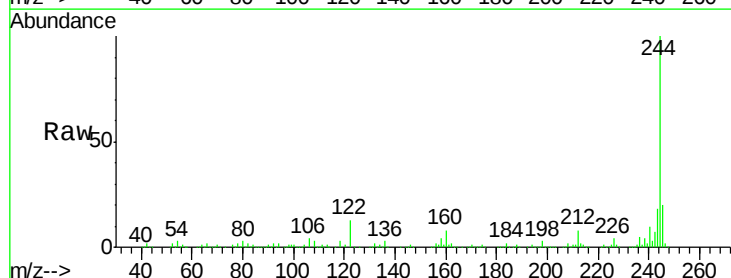


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

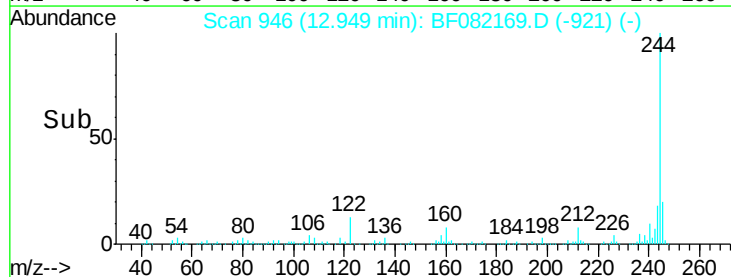
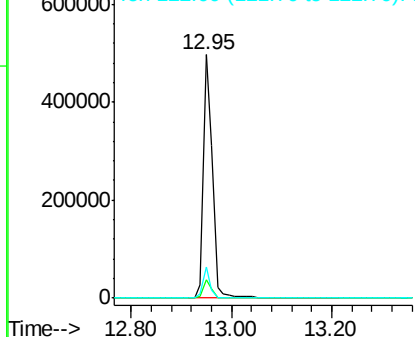


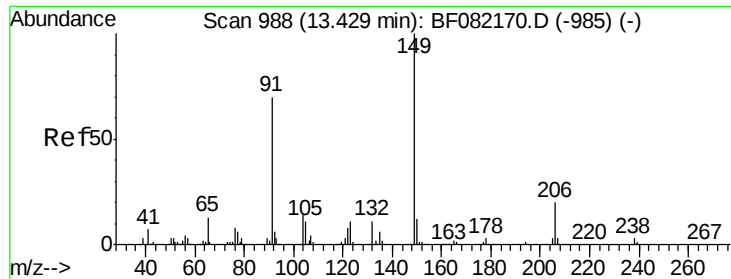
#78
Terphenyl-d14
Concen: 48.23 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion:244 Resp: 617889
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 12.9 5.9 8.9#



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

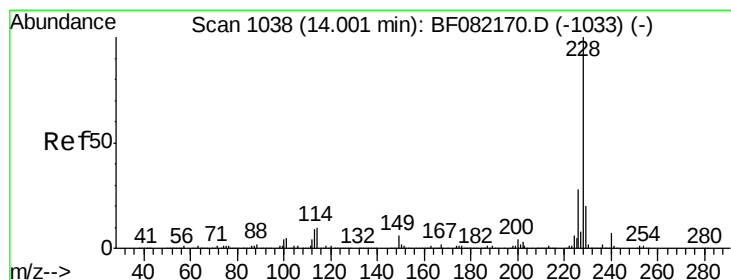
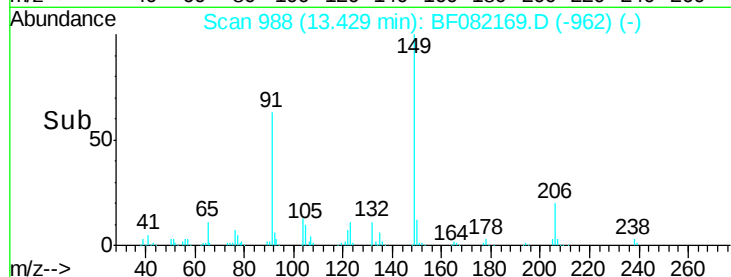
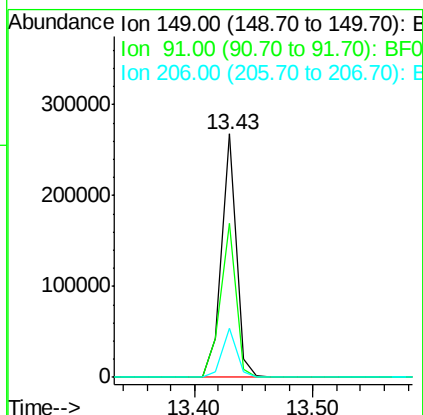
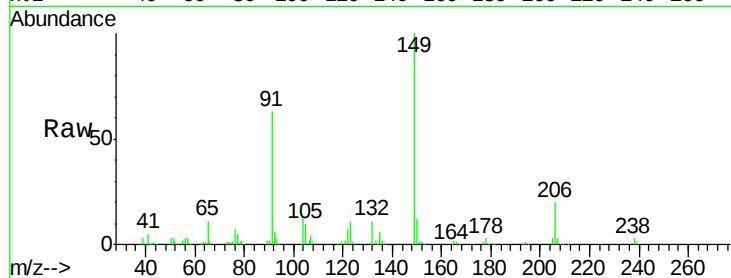




#79
Butylbenzylphthalate
Concen: 28.26 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

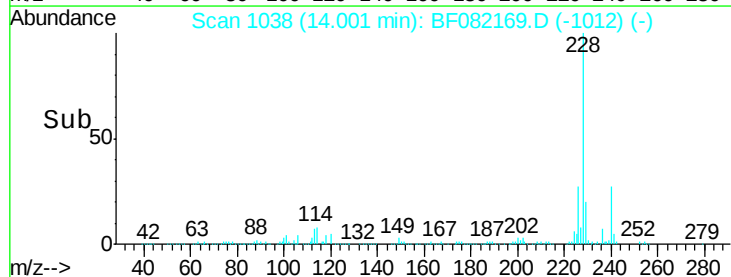
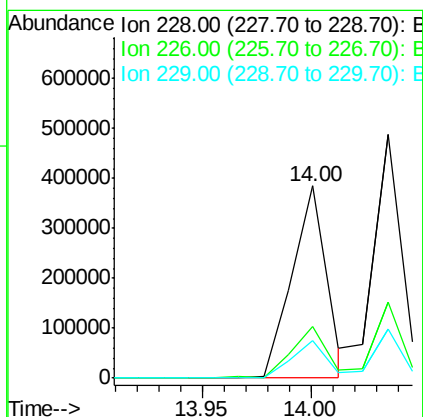
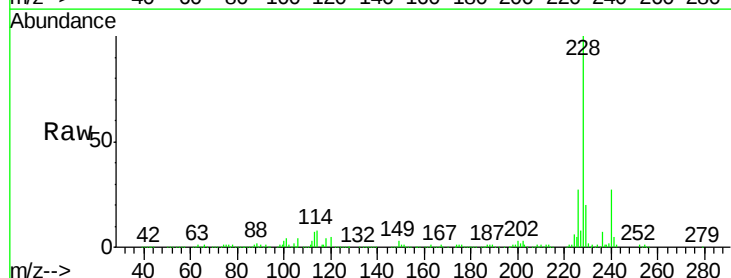
Instrument :
BNA_F
ClientSampleId :

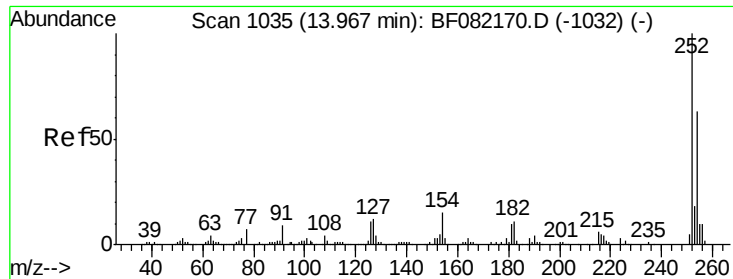
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.5	55.7	83.5
206	20.1	15.6	23.4



#80
Benzo(a)anthracene
Concen: 22.36 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	19.7	16.2	24.2

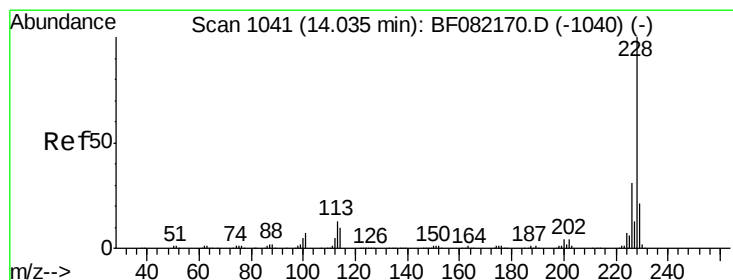
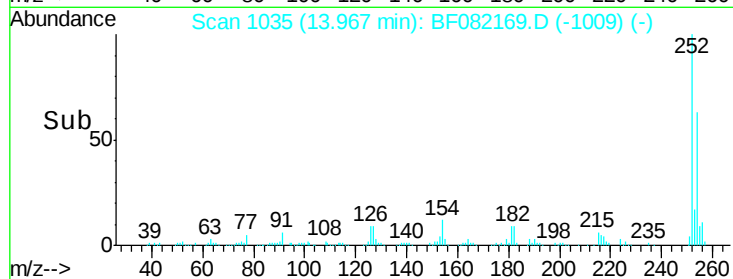
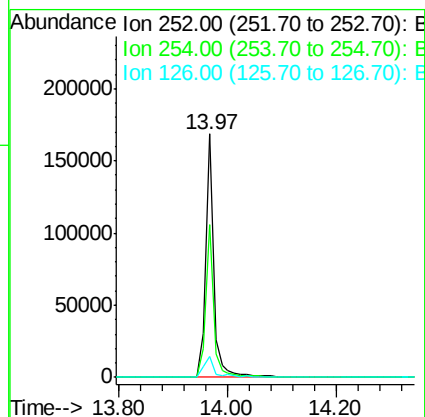
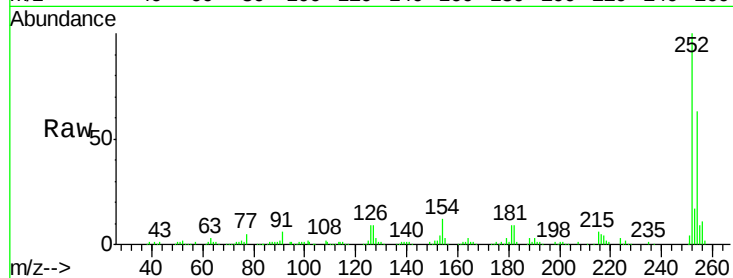




#81
 3,3'-Dichlorobenzidine
 Concen: 26.80 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

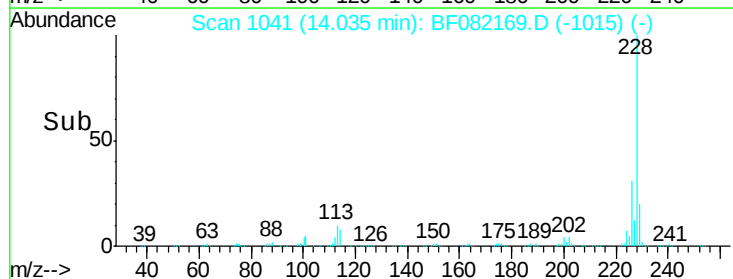
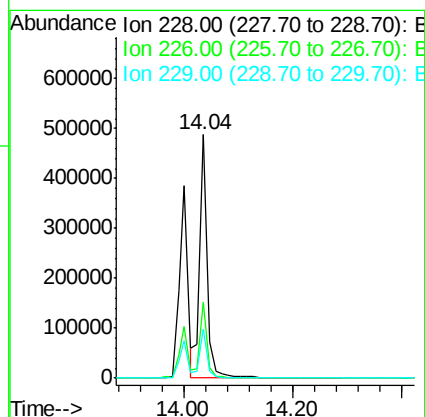
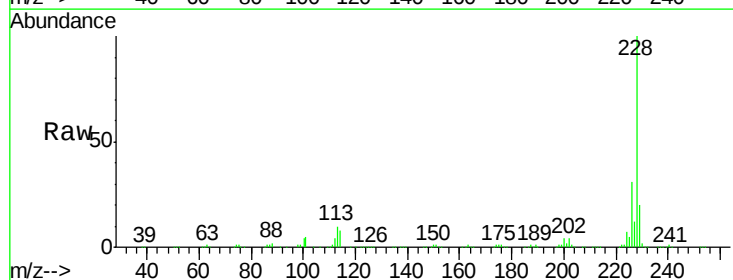
Instrument :
 BNA_F
 ClientSampleId :

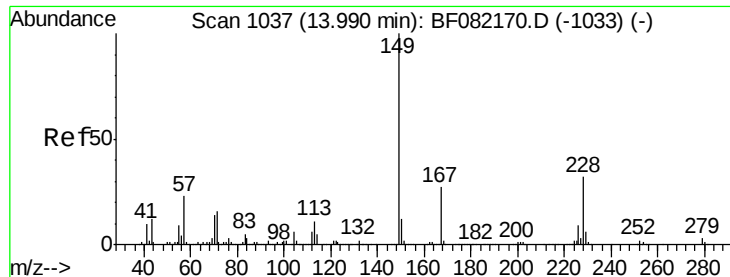
Tot Ion:252 Resp: 174392
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.7 76.1
 126 8.6 9.0 13.6#



#82
 Chrysene
 Concen: 25.41 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion:228 Resp: 466168
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.3 16.3 24.5

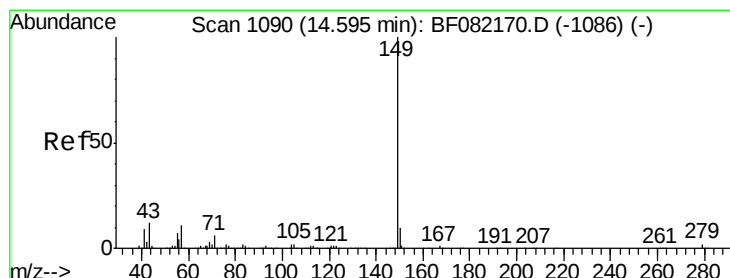
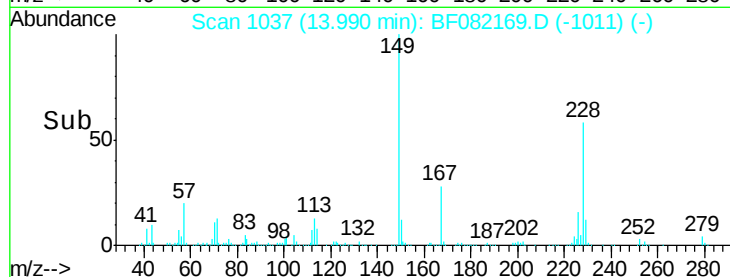
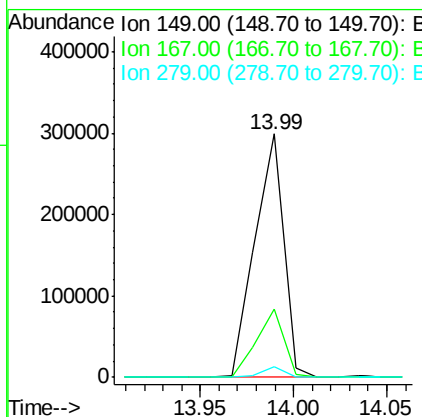
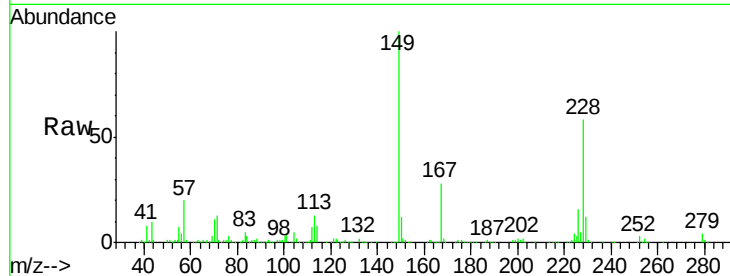




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.29 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

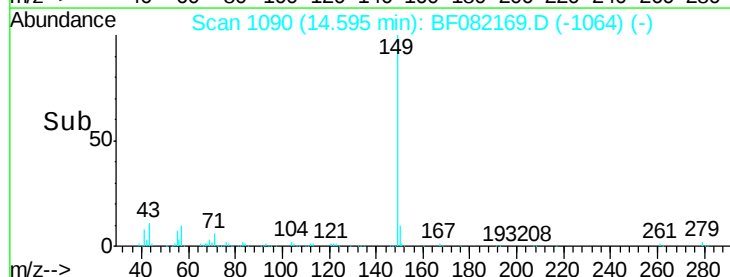
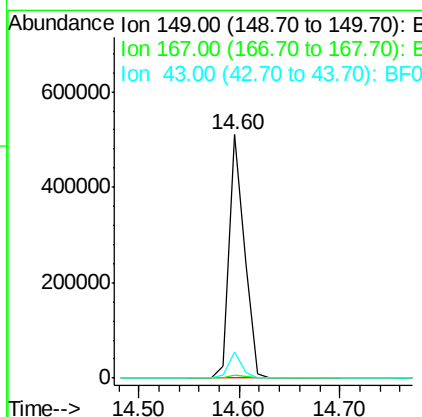
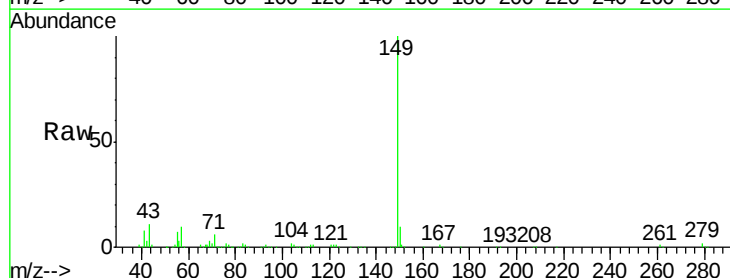
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	4.2	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 31.10 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	9.6	7.4	11.2



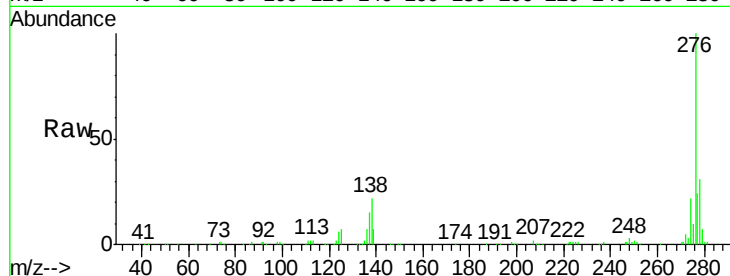


#85

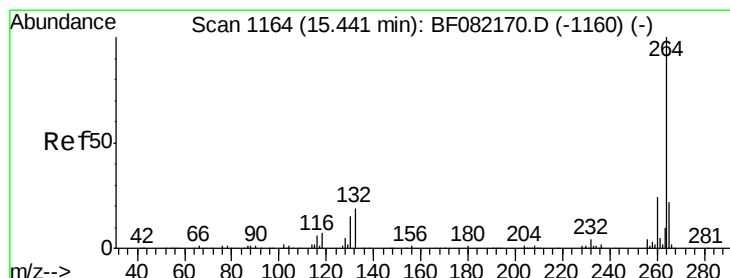
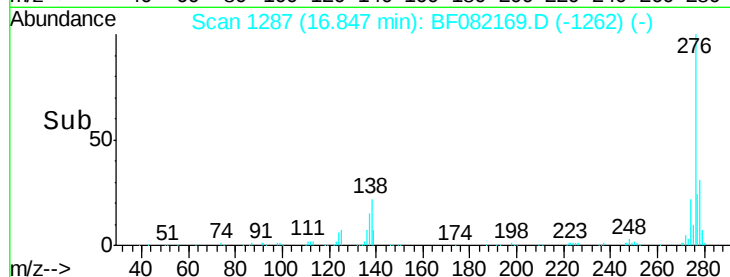
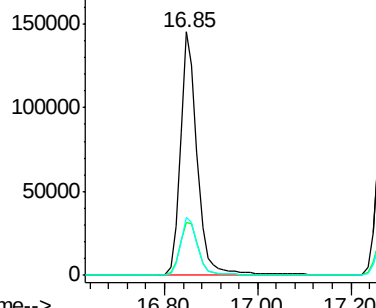
Indeno(1,2,3-cd)pyrene
Concen: 24.70 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.7	29.5
277	24.5	20.1	30.1



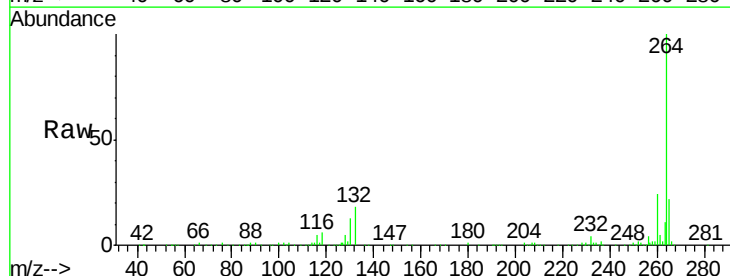
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



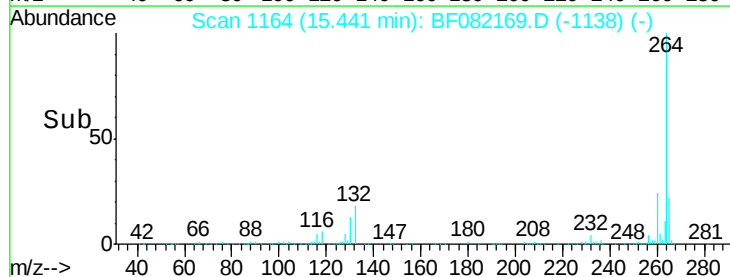
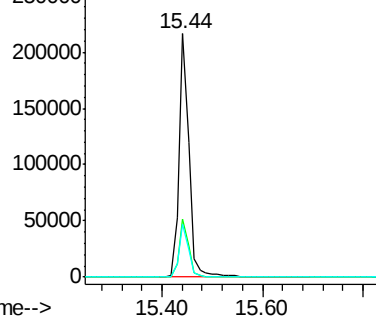
#86

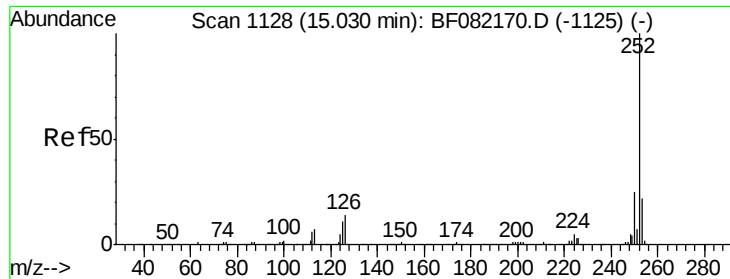
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.9	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

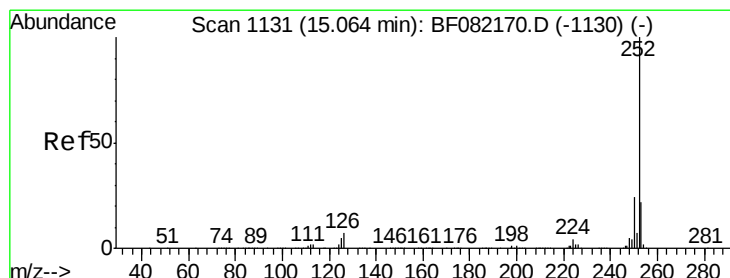
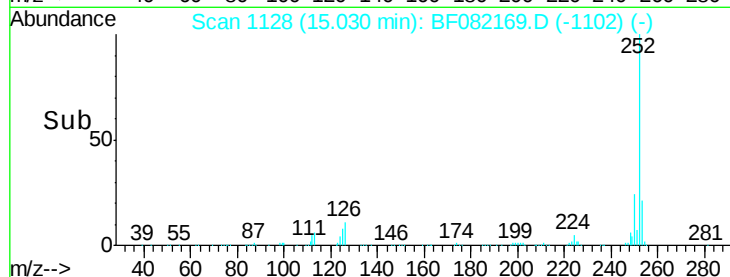
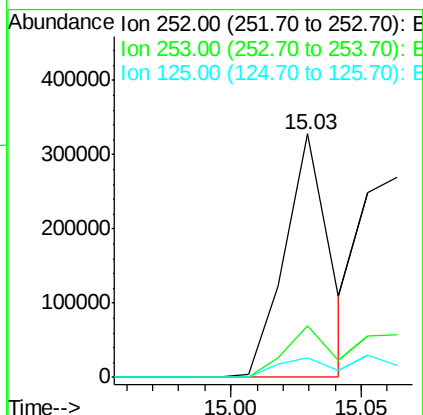
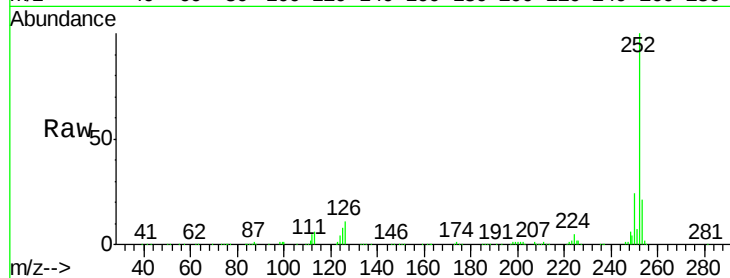




#87
Benzo(b)fluoranthene
Concen: 22.21 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

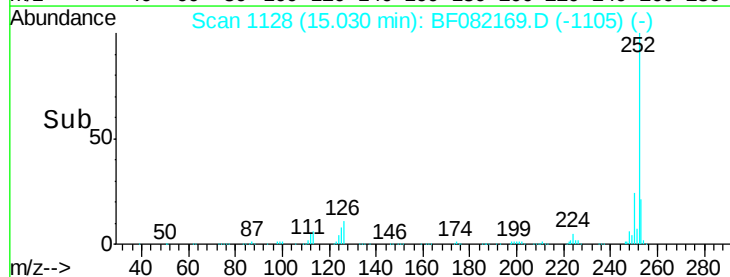
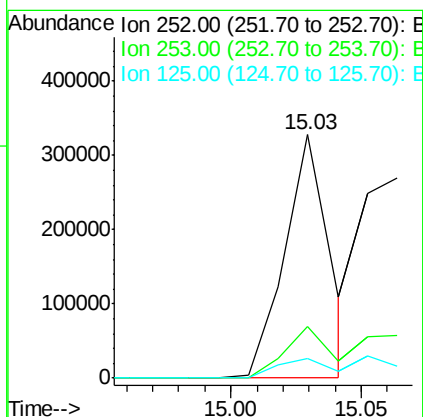
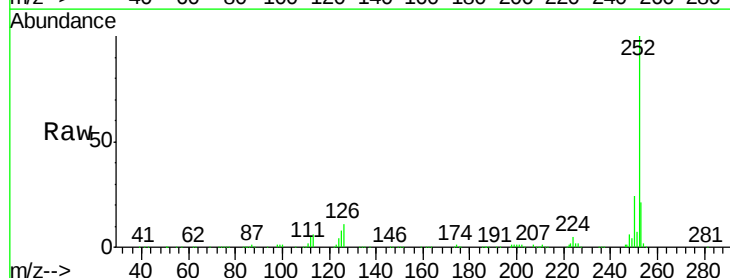
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 386515
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 8.2 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 25.09 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF082169.D
Acq: 10 Oct 2015 11:32

Tgt Ion:252 Resp: 386515
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 8.2 6.7 10.1





#89

Benzo(a)pyrene

Concen: 24.72 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

Instrument :

BNA_F

ClientSampleId :

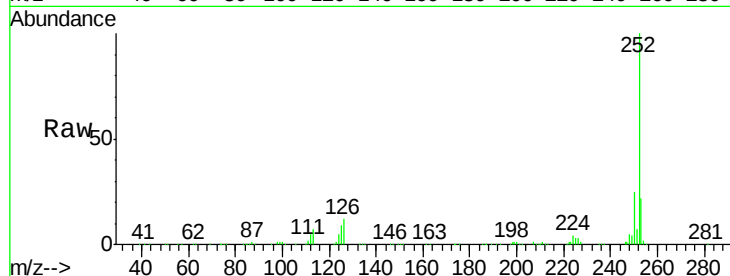
Tot Ion:252 Resp: 366321

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

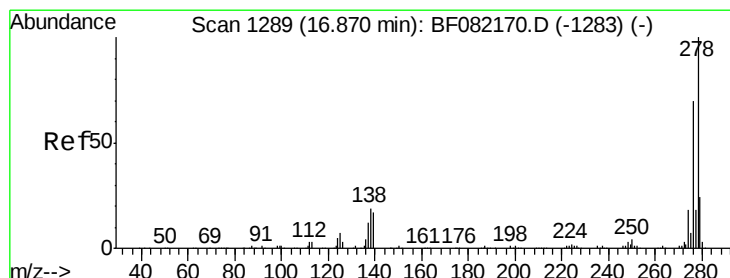
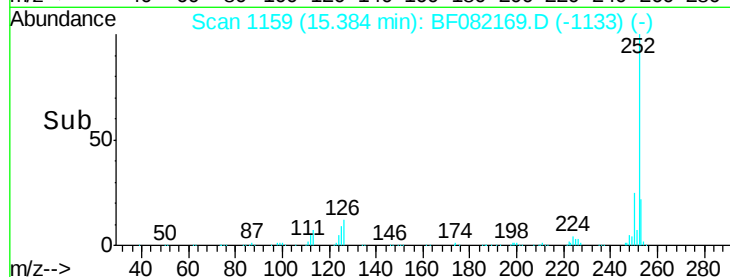
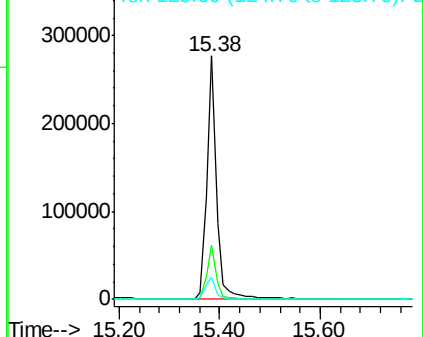
125 9.2 8.9 13.3



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: 24.55 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF082169.D

Acq: 10 Oct 2015 11:32

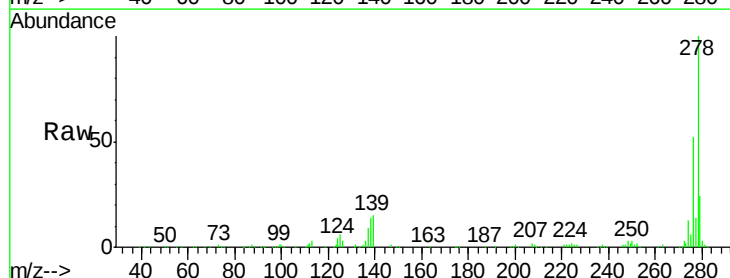
Tgt Ion:278 Resp: 303872

Ion Ratio Lower Upper

278 100

139 14.7 13.3 19.9

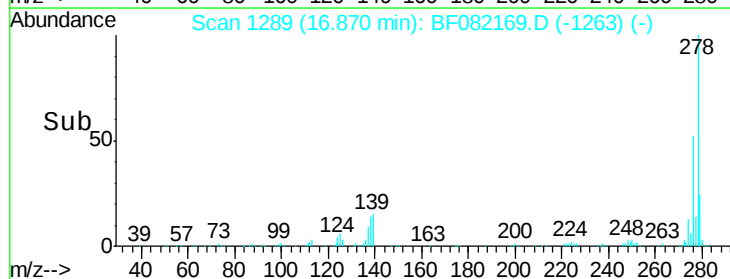
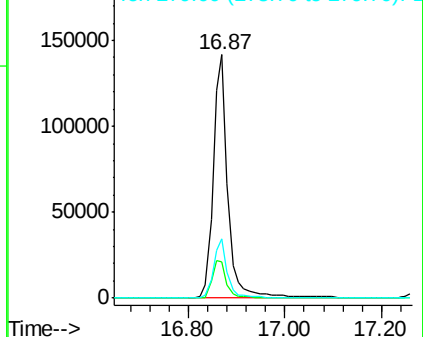
279 24.4 18.9 28.3

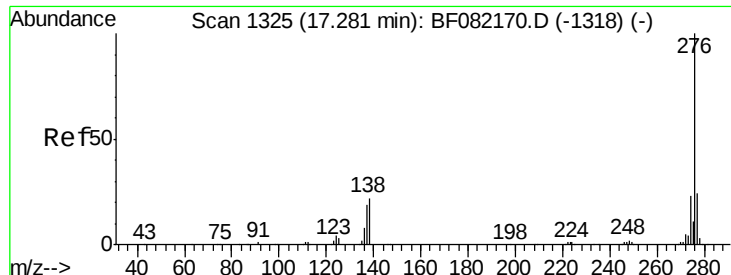


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

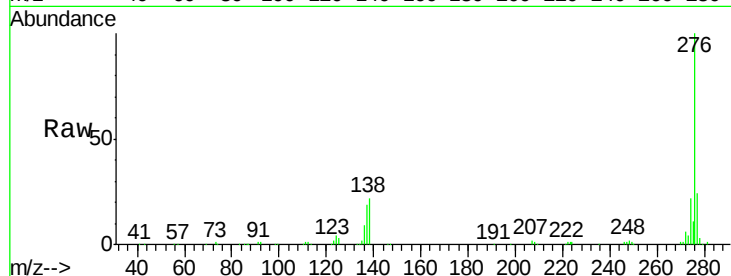




#91
 Benzo(a,h,i)perylene
 Concen: 22.96 ng
 RT: 17.27 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF082169.D
 Acq: 10 Oct 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	288556
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.0	17.4	26.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

