

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082167.D
 Acq On : 10 Oct 2015 10:31
 Operator : UM/IZ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:54:33 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	87030	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	358455	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	179602	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	347175	20.00	ng	0.00
75) Chrysene-d12	14.01	240	335663	20.00	ng	0.00
86) Perylene-d12	15.44	264	295048	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	21373	4.48	ng	0.00
7) Phenol-d6	6.47	99	28936	4.80	ng	-0.01
23) Nitrobenzene-d5	7.41	82	27861	5.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	8953	4.98	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	78148	6.88	ng	-0.01
78) Terphenyl-d14	12.95	244	79401	6.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	7168	3.44	ng	# 79
3) Pyridine	3.22	79	10425	1.96	ng	# 80
4) n-Nitrosodimethylamine	3.17	42	2315	0.95	ng	# 72
6) Aniline	6.50	93	16419	2.04	ng	97
8) 2-Chlorophenol	6.62	128	14567	2.74	ng	90
9) Benzaldehyde	6.39	77	6693	1.74	ng	92
10) Phenol	6.48	94	17647	2.60	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	14217	2.65	ng	97
12) 1,3-Dichlorobenzene	6.78	146	17450	2.78	ng	97
13) 1,4-Dichlorobenzene	6.86	146	18462	2.82	ng	96
14) 1,2-Dichlorobenzene	7.01	146	18328	3.14	ng	94
15) Benzyl Alcohol	6.98	79	8697	2.01	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.12	45	23436	3.16	ng	97
17) 2-Methylphenol	7.10	107	11138	2.60	ng	95
18) Hexachloroethane	7.35	117	6607	3.19	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	11559	3.14	ng	# 88
20) 3+4-Methylphenols	7.26	107	14439	2.69	ng	90
22) Acetophenone	7.25	105	19904	2.73	ng	# 95
24) Nitrobenzene	7.42	77	18215	3.17	ng	96
25) Isophorone	7.66	82	31898	3.00	ng	100
26) 2-Nitrophenol	7.75	139	6276	2.21	ng	96
27) 2,4-Dimethylphenol	7.78	122	11666	2.40	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	16542	2.57	ng	96
29) 2,4-Dichlorophenol	7.99	162	10891	2.26	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	15743	2.94	ng	98
31) Naphthalene	8.15	128	47010	2.96	ng	100
32) Benzoic acid	7.85	122	5434	2.02	ng	89
33) 4-Chloroaniline	8.21	127	17259	2.52	ng	98
34) Hexachlorobutadiene	8.26	225	9937	3.12	ng	98
35) Caprolactam	8.53	113	3578	2.67	ng	# 75
36) 4-Chloro-3-methylphenol	8.69	107	11417	2.45	ng	# 84
37) 2-Methylnaphthalene	8.83	142	30315	2.79	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	15480	2.83	ng	# 95
40) Hexachlorocyclopentadiene	8.99	237	1628	0.60	ng	87

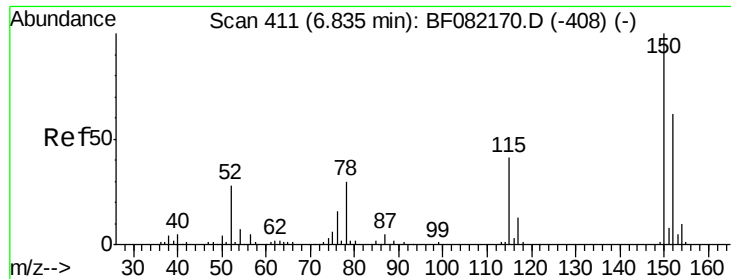
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082167.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	9871	2.66	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	10500	2.71	nq	# 86
45) 1,1'-Biphenyl	9.30	154	41083	2.99	nq	97
46) 2-Chloronaphthalene	9.33	162	32196	2.98	nq	97
47) 2-Nitroaniline	9.43	65	6542	2.06	nq	98
48) Acenaphthylene	9.74	152	53161	3.05	nq	99
49) Dimethylphthalate	9.60	163	40739	3.33	nq	100
50) 2,6-Dinitrotoluene	9.67	165	6918	2.55	nq	97
51) Acenaphthene	9.91	154	31421	3.03	nq	98
52) 3-Nitroaniline	9.85	138	7793	2.52	nq	# 94
53) 2,4-Dinitrophenol	9.98	184	455	0.46	nq	# 20
54) Dibenzofuran	10.09	168	41145	2.81	nq	94
55) 4-Nitrophenol	10.08	139	19908	9.14	nq	# 17
56) 2,4-Dinitrotoluene	10.07	165	7941	2.32	nq	# 94
57) Fluorene	10.42	166	35848	3.08	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	8639	2.82	nq	# 93
59) Diethylphthalate	10.30	149	41029	3.55	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	18032	3.38	nq	# 88
61) 4-Nitroaniline	10.47	138	6624	2.12	nq	92
62) Azobenzene	10.58	77	34083	3.03	nq	89
64) 4,6-Dinitro-2-methylphenol	10.48	198	3029	1.89	nq	91
65) n-Nitrosodiphenylamine	10.54	169	31761	3.03	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	9884	2.82	nq	# 88
67) Hexachlorobenzene	10.97	284	11493	2.94	nq	# 76
68) Atrazine	11.06	200	10345	3.20	nq	99
69) Pentachlorophenol	11.18	266	3442	1.55	nq	97
70) Phenanthrene	11.40	178	53680	2.95	nq	98
71) Anthracene	11.44	178	59020	3.32	nq	97
72) Carbazole	11.60	167	47250	2.97	nq	98
73) Di-n-butylphthalate	11.93	149	60261	3.31	nq	# 96
74) Fluoranthene	12.57	202	55341	2.94	nq	96
76) Benzidine	12.72	184	25084	2.52	nq	97
77) Pyrene	12.80	202	57845	2.92	nq	98
79) Butylbenzylphthalate	13.43	149	25370	3.33	nq	91
80) Benzo(a)anthracene	14.00	228	51605	2.88	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	17713	2.91	nq	97
82) Chrysene	14.04	228	57297	3.34	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	37007	3.73	nq	# 98
84) Di-n-octyl phthalate	14.60	149	66225	4.09	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.85	276	44375	3.18	nq	98
87) Benzo(b)fluoranthene	15.03	252	49179	2.85	nq	# 94
88) Benzo(k)fluoranthene	15.03	252	49179	3.22	nq	97
89) Benzo(a)pyrene	15.38	252	46756	3.18	nq	# 94
90) Dibenzo(a,h)anthracene	16.86	278	35828	2.92	nq	99
91) Benzo(g,h,i)perylene	17.27	276	36142	2.90	nq	99

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

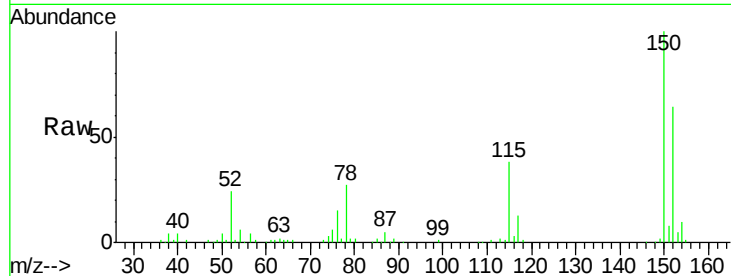


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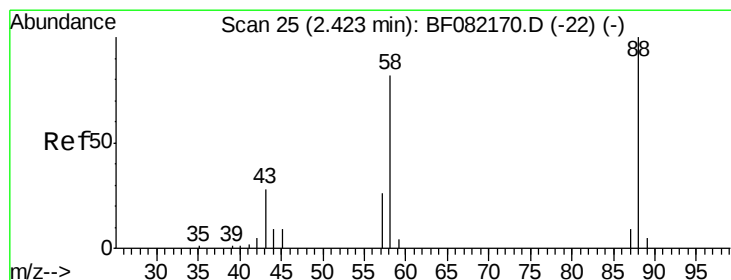
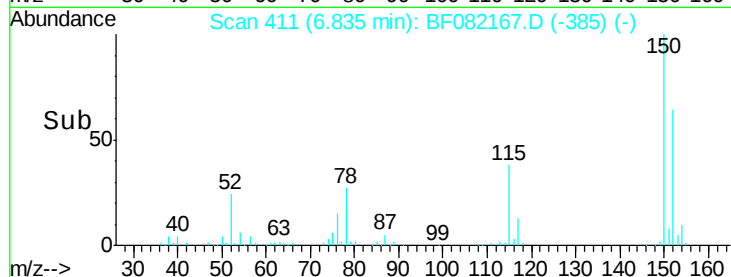
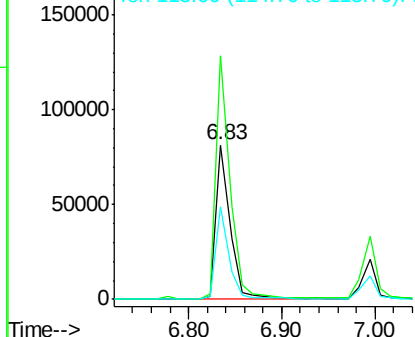
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87030
Ion Ratio Lower Upper
152 100
150 157.4 129.0 193.4
115 59.6 52.1 78.1



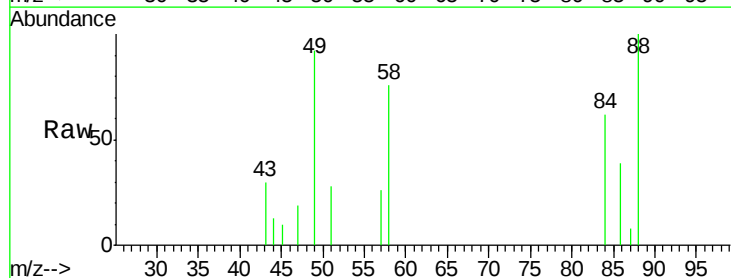
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



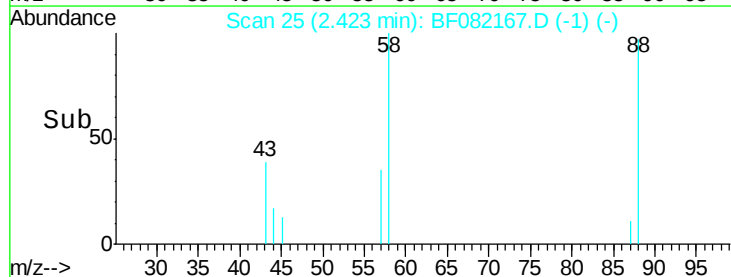
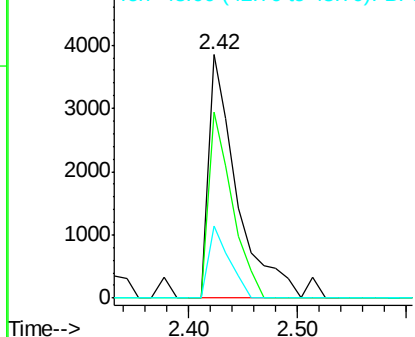
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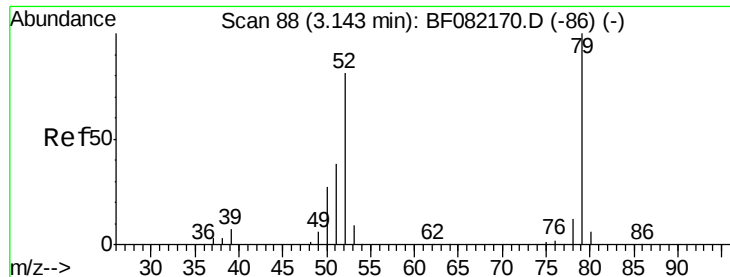
1,4-Dioxane
Concen: 3.44 ng
RT: 2.42 min Scan# 25
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion: 88 Resp: 7168
Ion Ratio Lower Upper
88 100
58 61.7 66.2 99.4#
43 21.0 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: 1.96 ng

RT: 3.22 min Scan# 95

Delta R.T. 0.08 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampled :

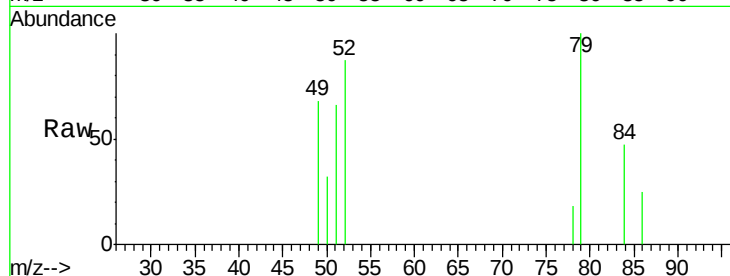
Tot Ion: 79 Resp: 10425

Ion Ratio Lower Upper

79 100

52 86.9 64.4 96.6

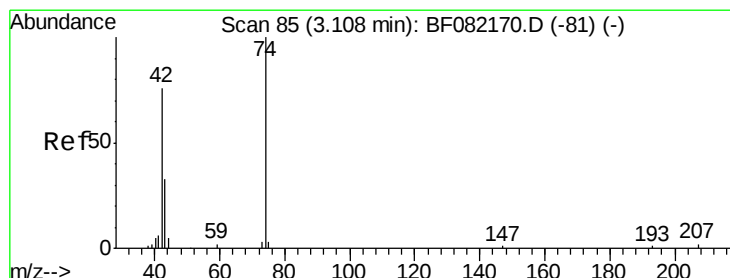
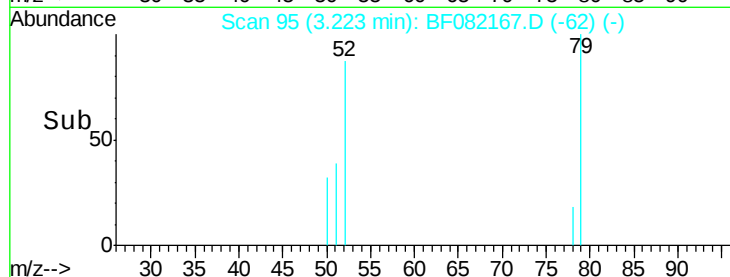
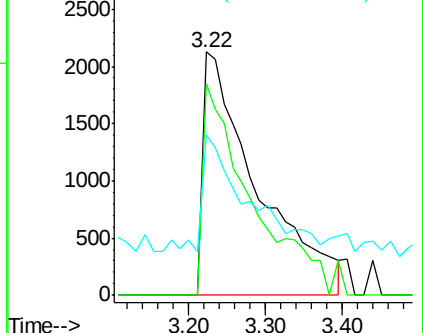
51 65.9 30.5 45.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.17 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

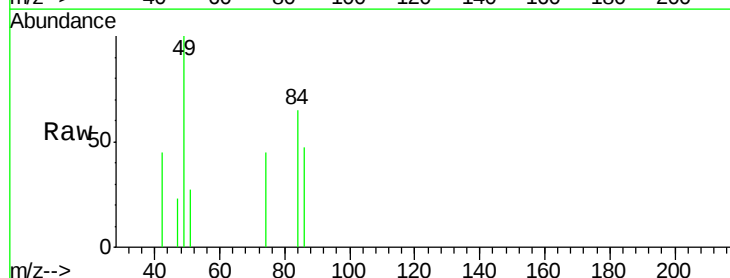
Tgt Ion: 42 Resp: 2315

Ion Ratio Lower Upper

42 100

74 98.9 105.7 158.5#

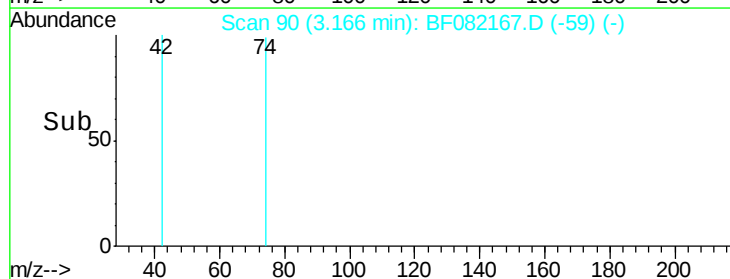
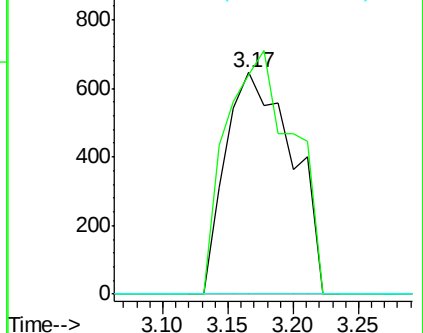
44 0.0 5.4 8.2#

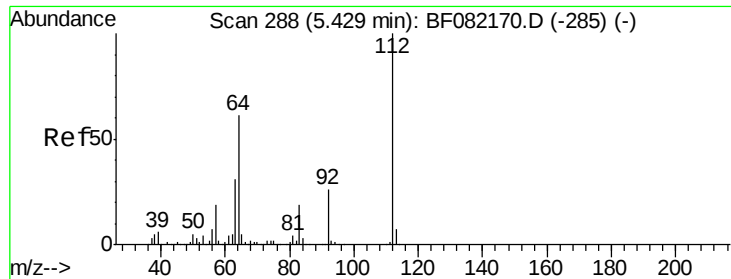


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 4.48 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

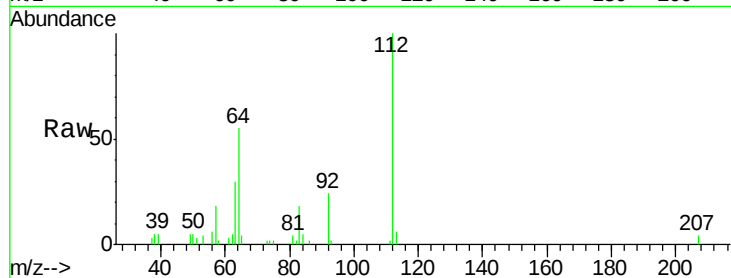
Tot Ion:112 Resp: 21373

Ion Ratio Lower Upper

112 100

64 54.8 48.6 73.0

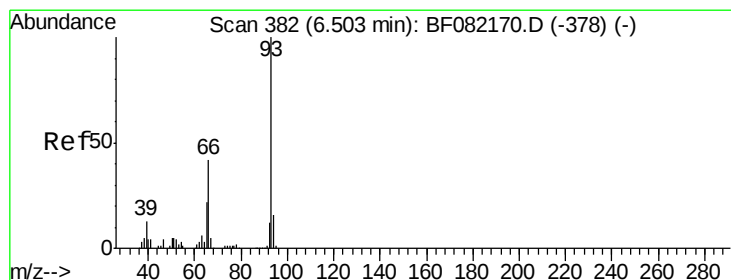
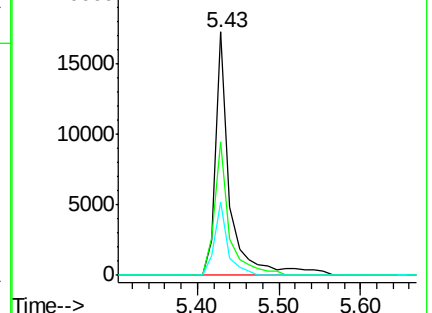
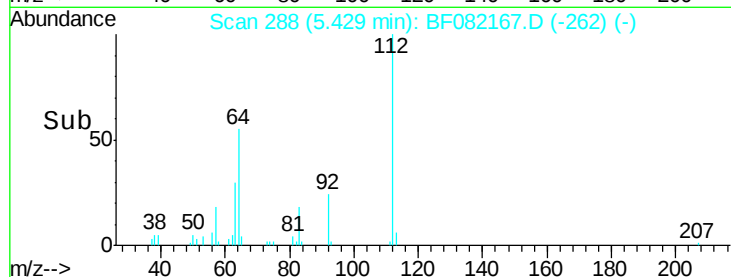
63 29.9 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.04 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

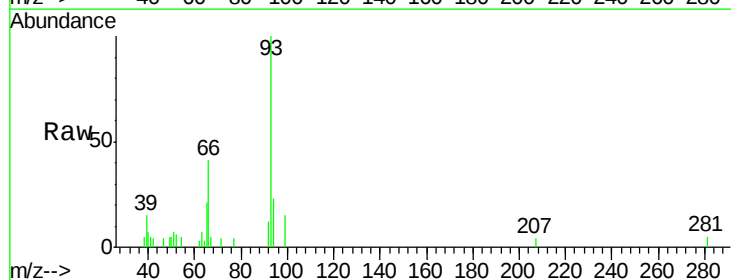
Tgt Ion: 93 Resp: 16419

Ion Ratio Lower Upper

93 100

66 41.1 34.2 51.2

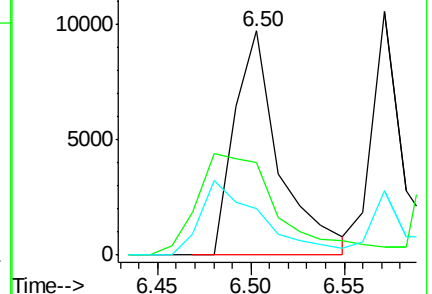
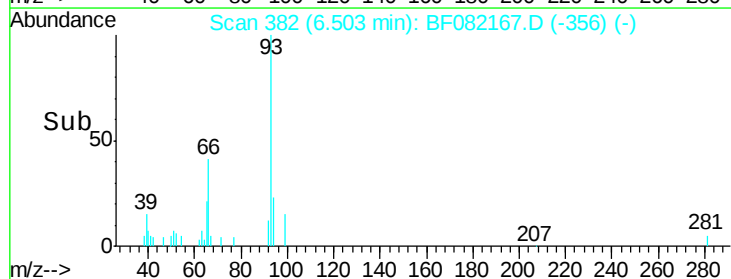
65 20.8 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 4.80 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

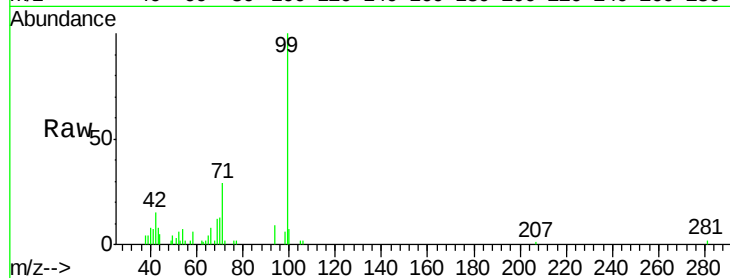
Tot Ion: 99 Resp: 28936

Ion Ratio Lower Upper

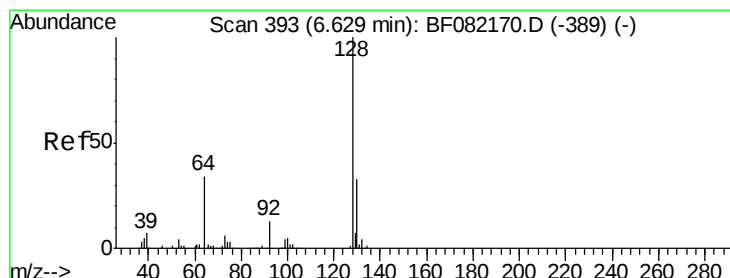
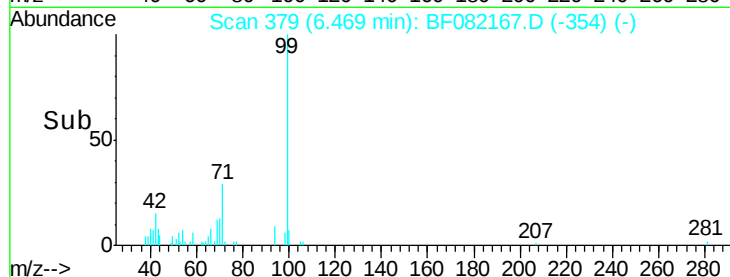
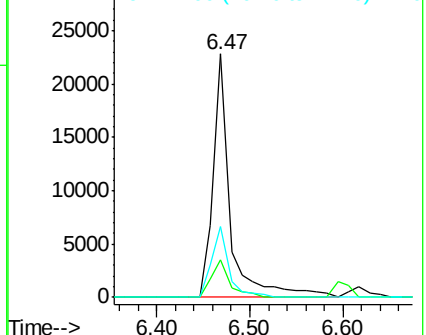
99 100

42 15.4 13.2 19.8

71 29.2 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: 2.74 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

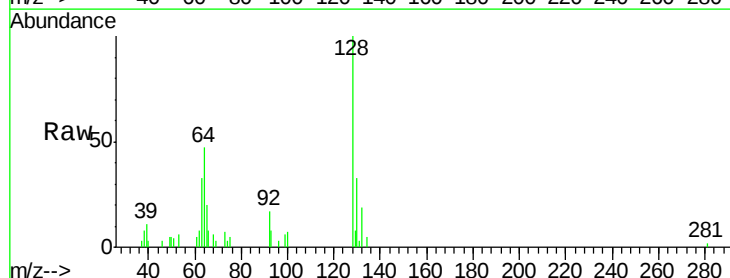
Tgt Ion: 128 Resp: 14567

Ion Ratio Lower Upper

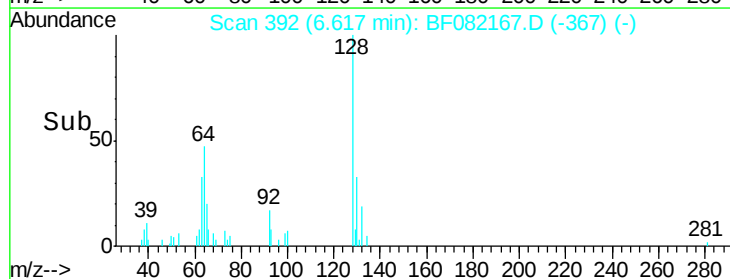
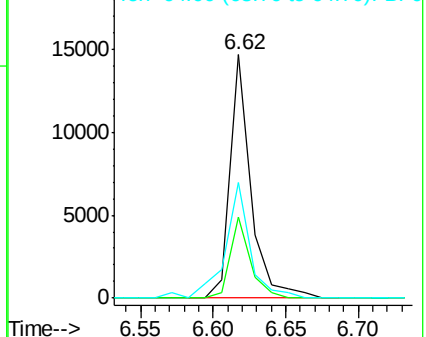
128 100

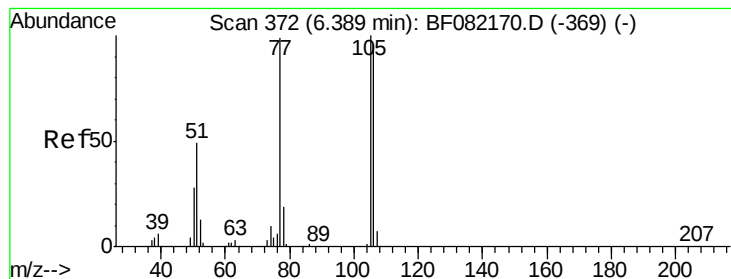
130 33.1 12.6 52.6

64 47.3 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: 1.74 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

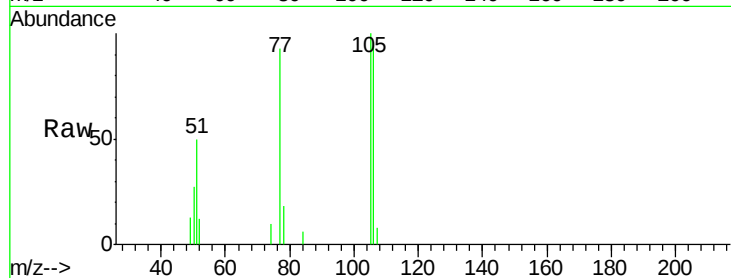
Tot Ion: 77 Resp: 6693

Ion Ratio Lower Upper

77 100

105 107.6 80.6 120.6

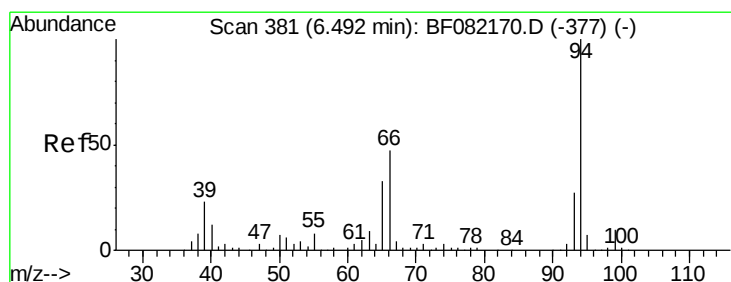
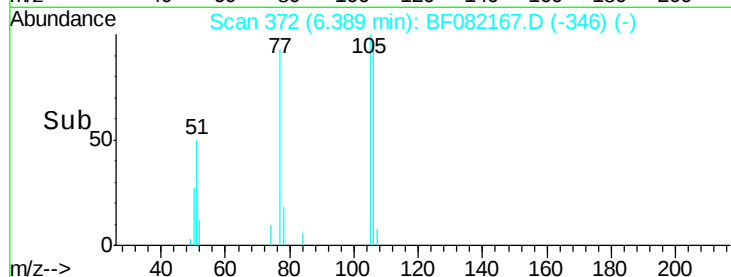
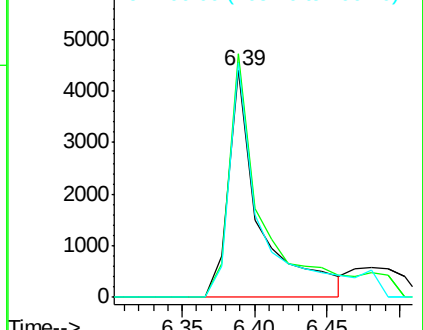
106 103.7 75.5 115.5



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: 2.60 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

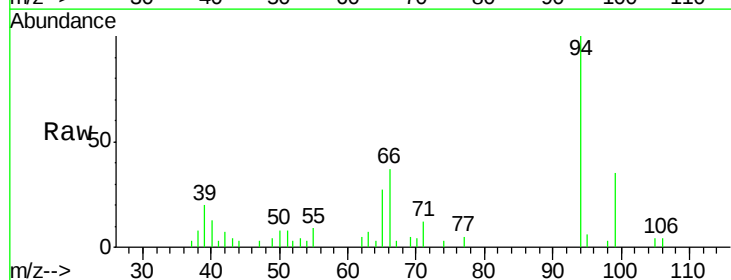
Tgt Ion: 94 Resp: 17647

Ion Ratio Lower Upper

94 100

65 27.2 12.6 52.6

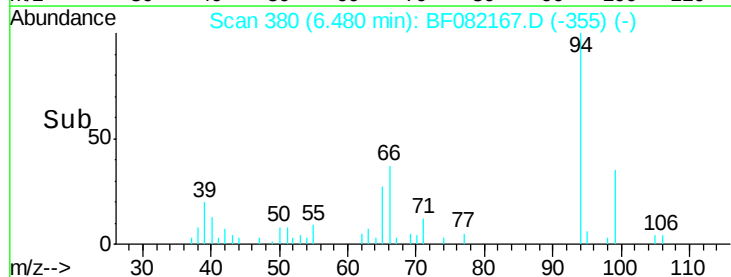
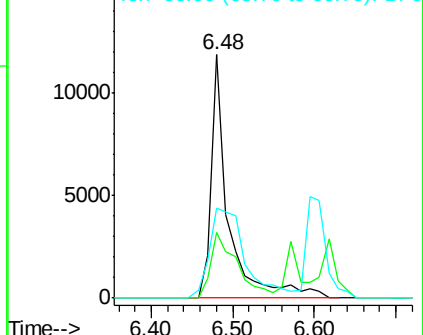
66 37.1 27.3 67.3

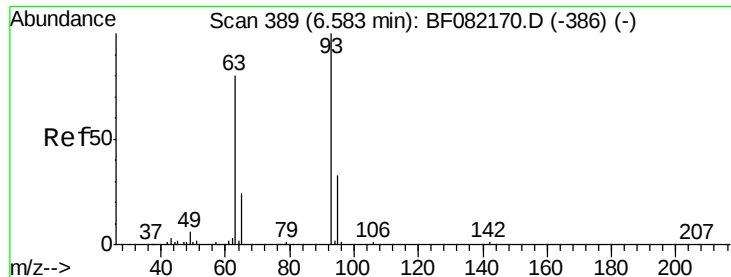


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

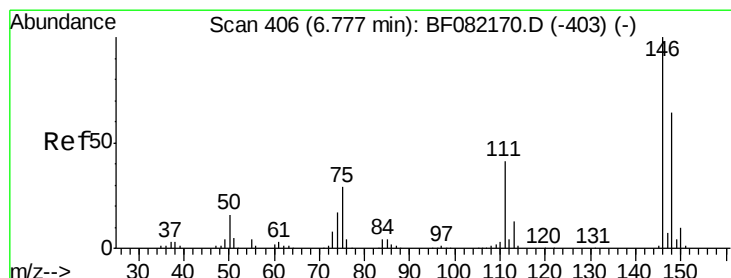
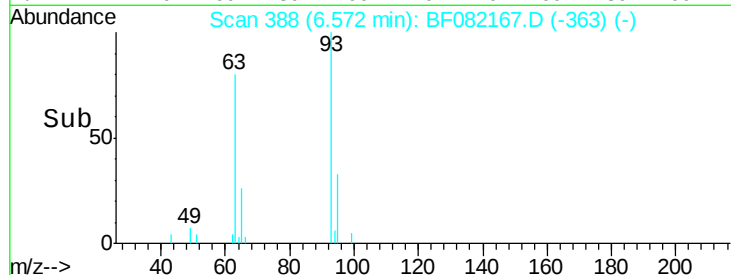
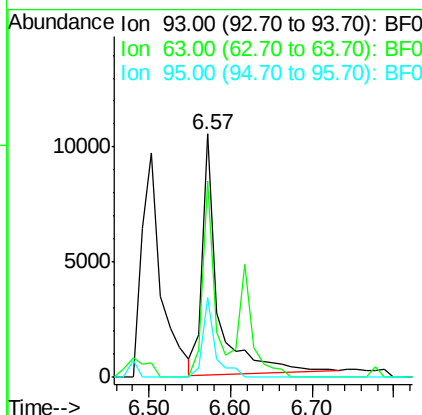
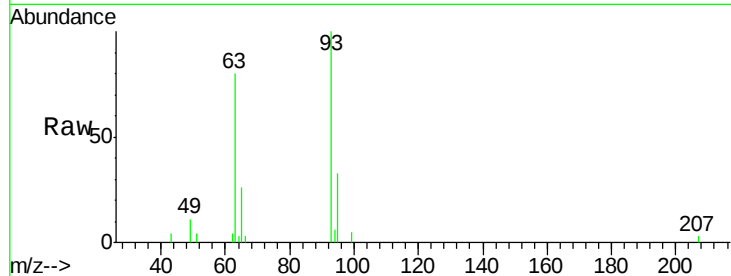




#11
bis(2-Chloroethyl)ether
Concen: 2.65 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

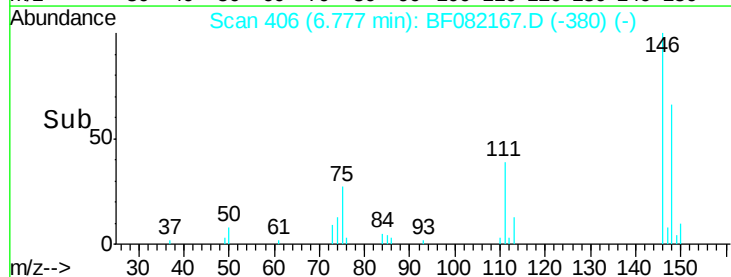
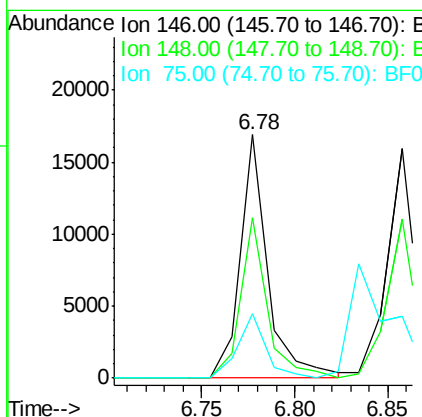
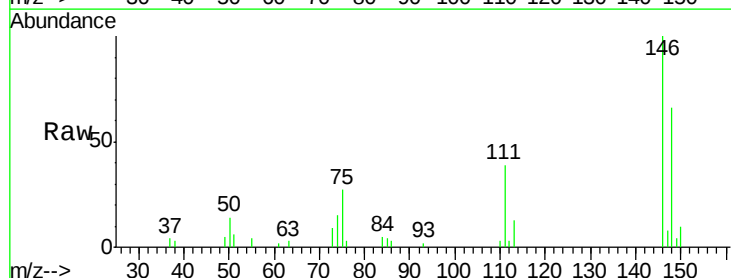
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 14217
Ion Ratio Lower Upper
93 100
63 80.4 57.1 97.1
95 32.6 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 2.78 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion: 146 Resp: 17450
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.2
75 26.7 23.0 34.6

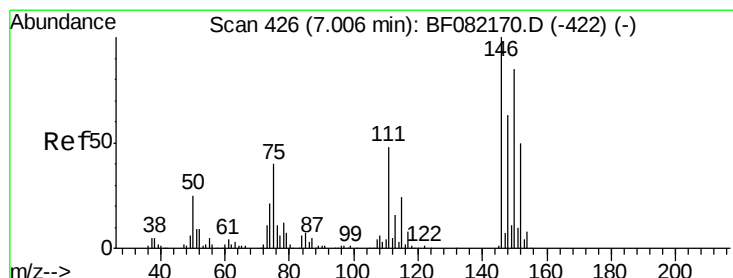
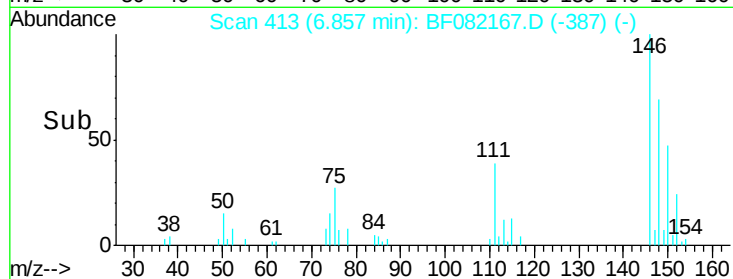
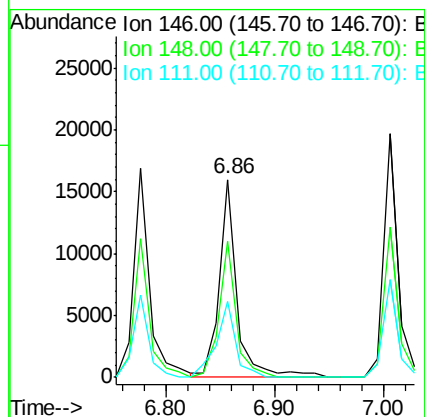
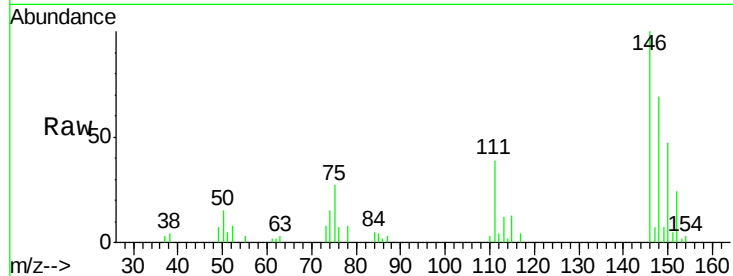




#13
 1,4-Dichlorobenzene
 Concen: 2.82 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

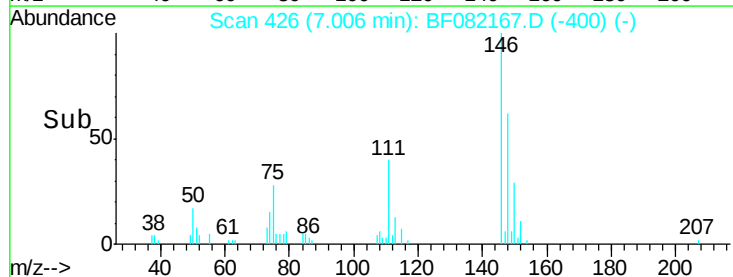
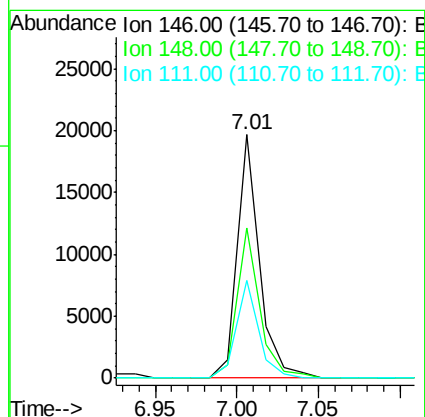
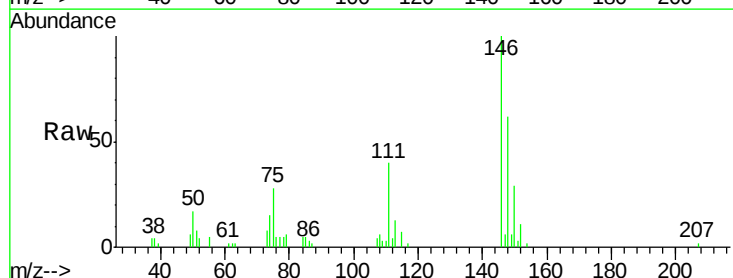
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 18462
 Ion Ratio Lower Upper
 146 100
 148 69.0 51.0 76.4
 111 38.7 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 3.14 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:146 Resp: 18328
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.5 75.7
 111 40.2 38.5 57.7

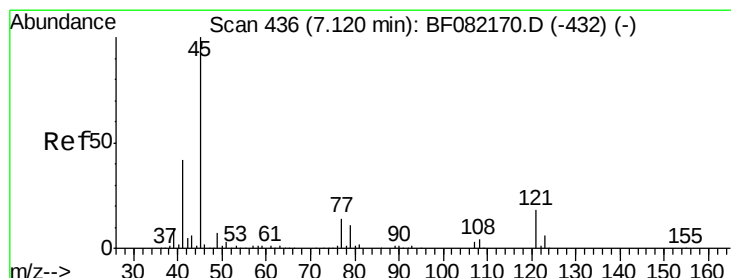
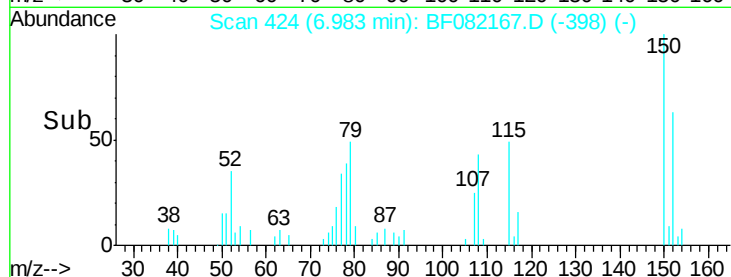
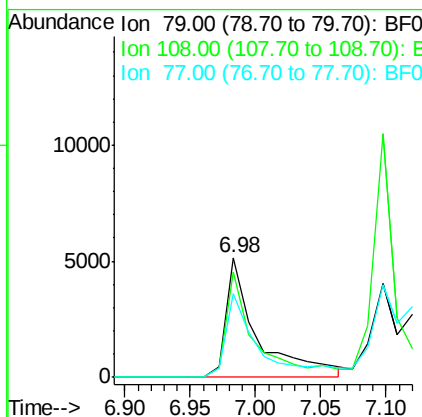
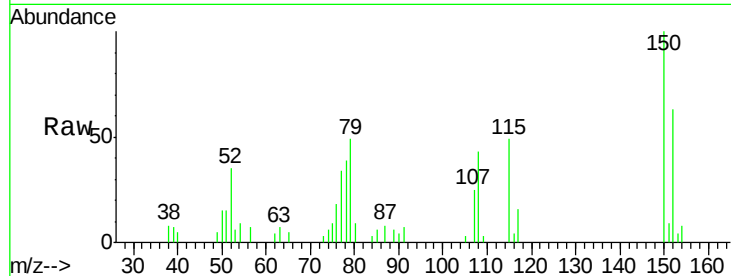




#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

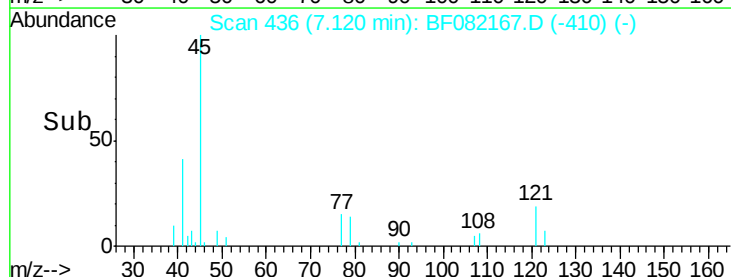
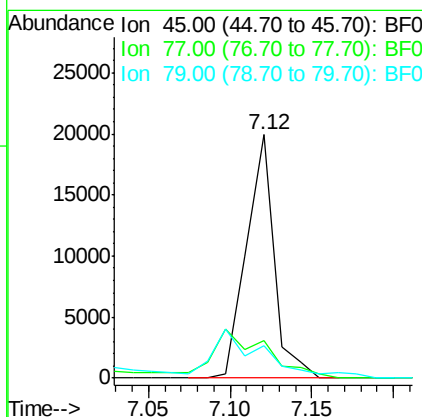
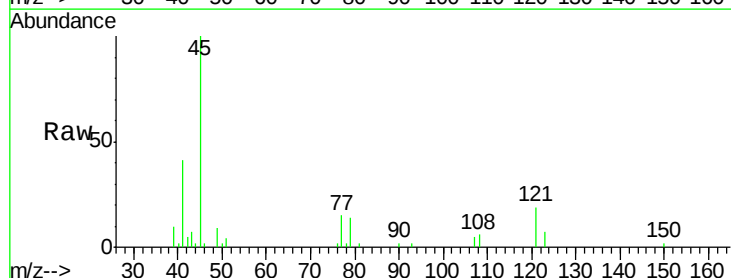
Instrument :
BNA_F
ClientSampled :

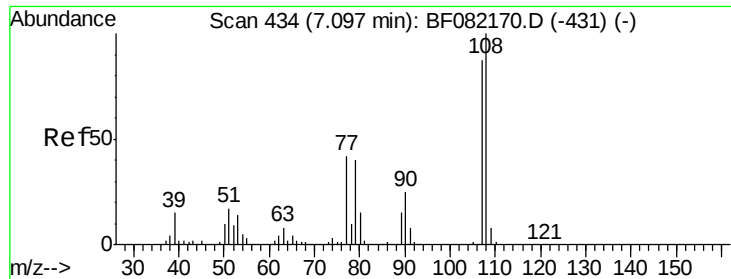
Tot Ion: 79 Resp: 8697
Ion Ratio Lower Upper
79 100
108 87.8 58.4 87.6#
77 69.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.16 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion: 45 Resp: 23436
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.5
79 13.6 0.0 31.6

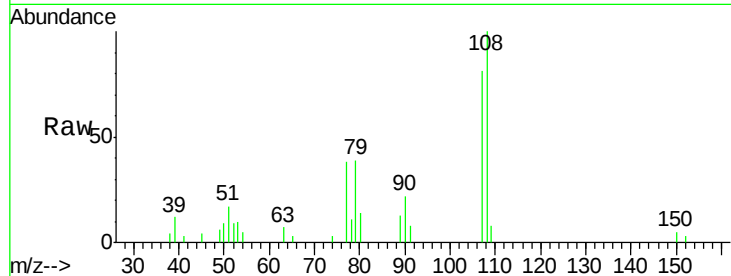




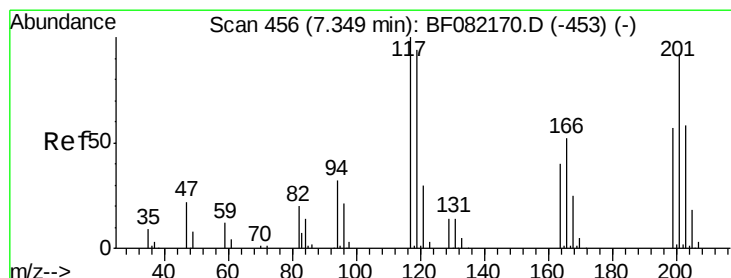
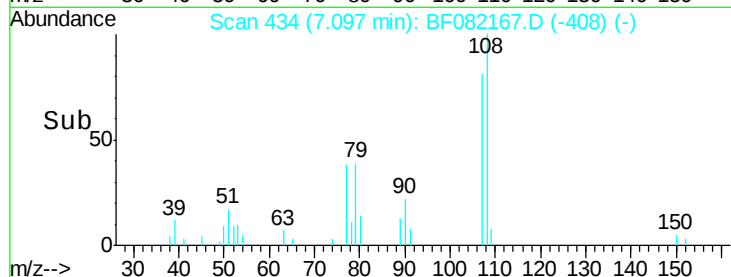
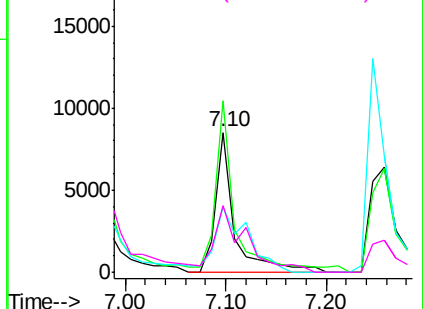
#17
2-Methylphenol
Concen: 2.60 ng
RT: 7.10 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	11138
Ion	Ratio	Lower	Upper
107	100		
108	123.3	92.2	138.2
77	46.9	39.6	59.4
79	47.5	38.2	57.4

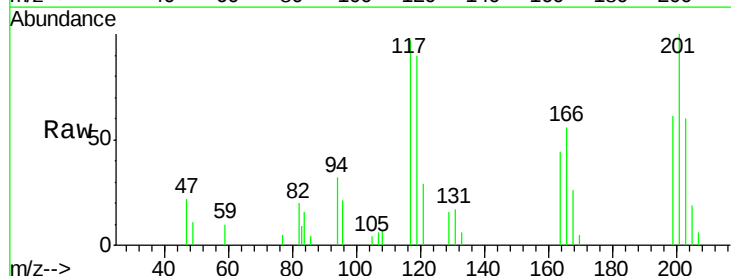


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

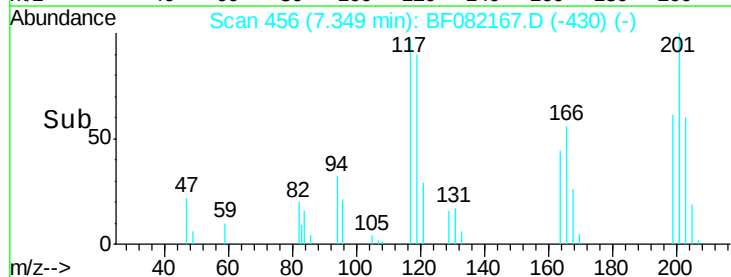
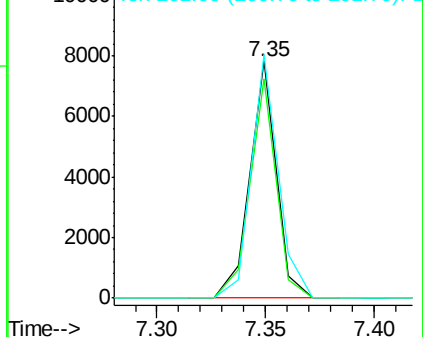


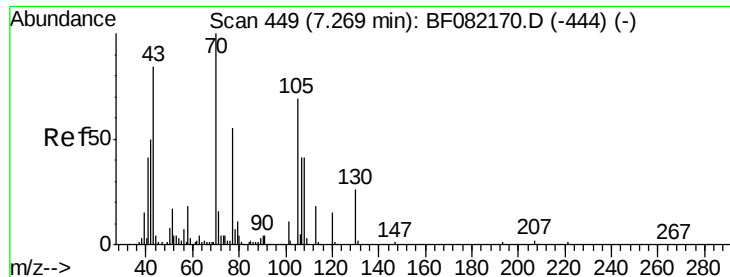
#18
Hexachloroethane
Concen: 3.19 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:	117	Resp:	6607
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.4	113.2
201	102.8	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

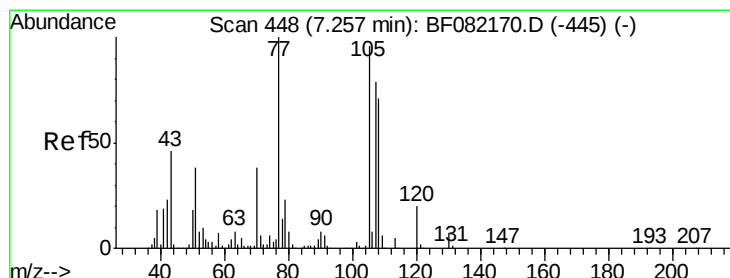
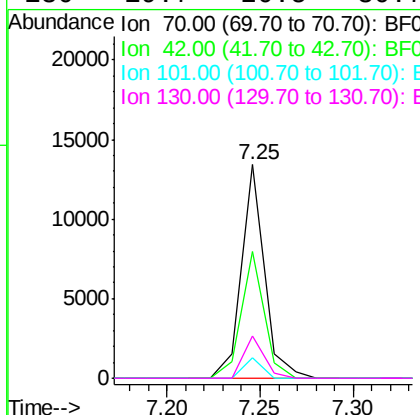
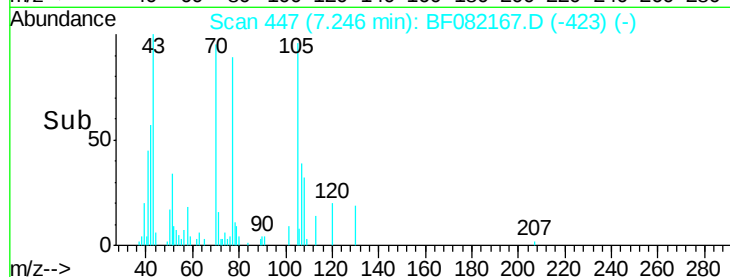
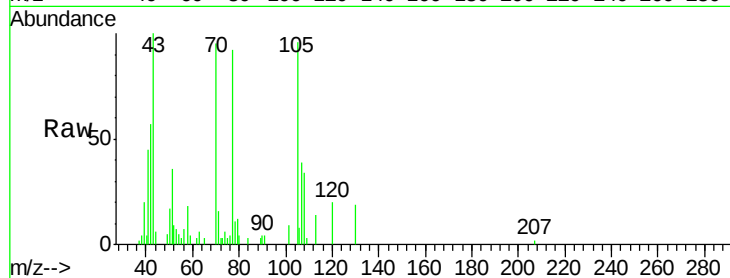




#19
n-Nitroso-di-n-propylamine
Concen: 3.14 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

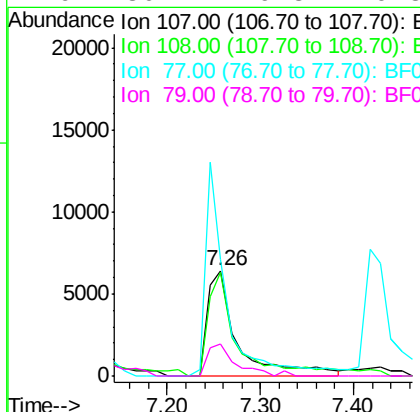
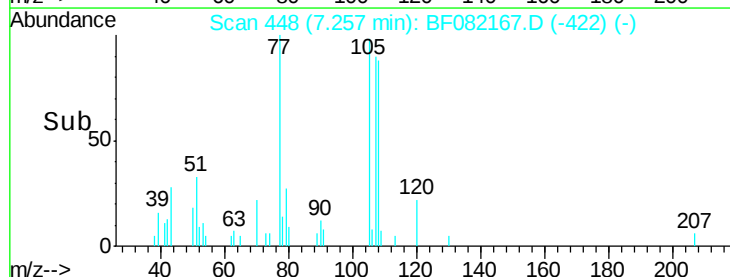
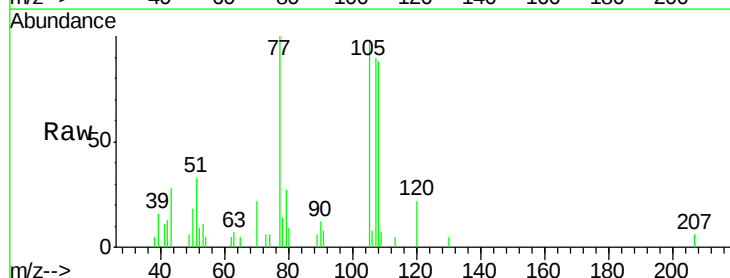
Instrument :
BNA_F
ClientSampleId :

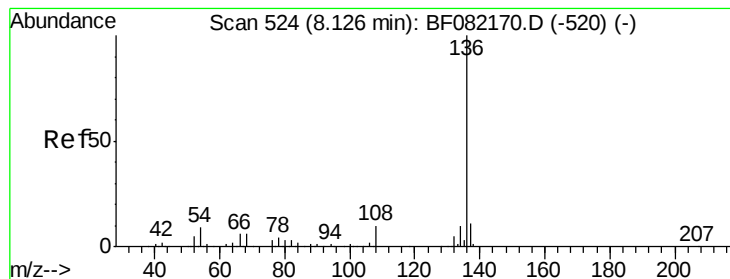
Tot Ion: 70 Resp: 11559
Ion Ratio Lower Upper
70 100
42 59.5 39.8 59.8
101 9.3 8.6 13.0
130 19.7 20.5 30.7#



#20
3+4-Methylphenols
Concen: 2.69 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion: 107 Resp: 14439
Ion Ratio Lower Upper
107 100
108 98.4 69.9 109.9
77 111.2 106.0 146.0
79 30.4 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: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 358455

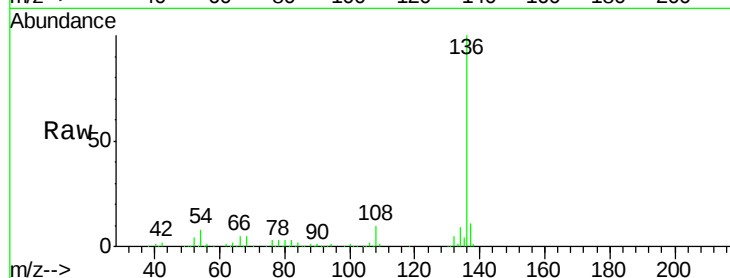
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.9 7.5 11.3

68 5.2 4.6 7.0

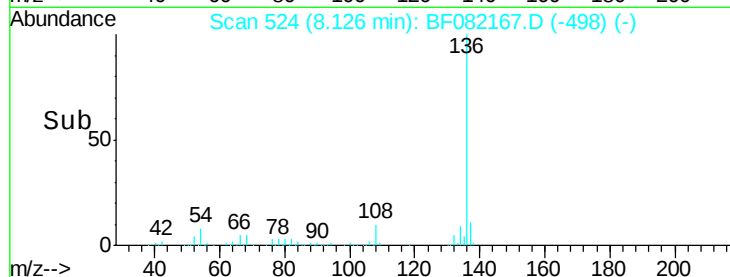


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

8.13

400000

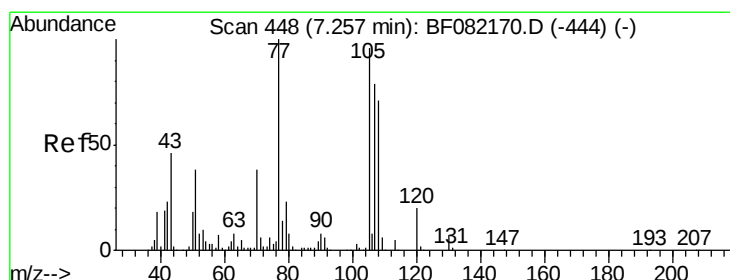
300000

200000

100000

0

Time--> 8.00 8.10 8.20 8.30 8.40



#22

Acetophenone

Concen: 2.73 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Tgt Ion:105 Resp: 19904

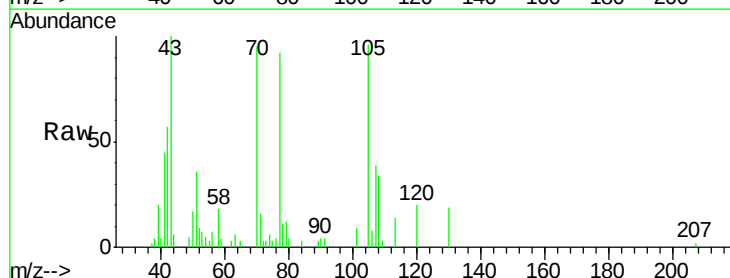
Ion Ratio Lower Upper

105 100

71 16.3 5.4 8.0#

51 38.1 31.8 47.6

120 21.1 16.3 24.5

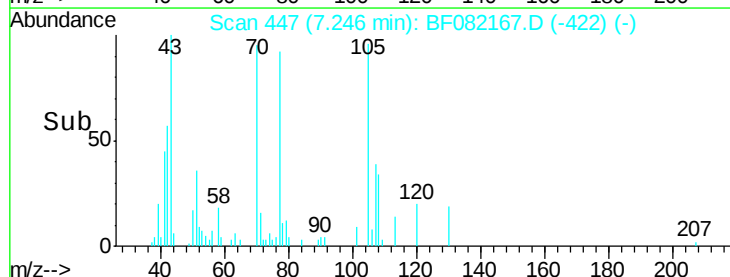


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

7.25

20000

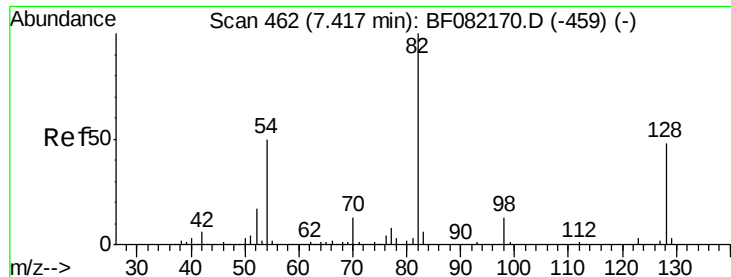
15000

10000

5000

0

Time--> 7.20 7.30 7.40



#23

Nitrobenzene-d5

Concen: 5.15 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

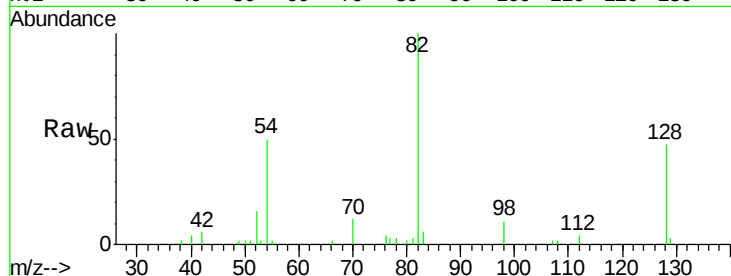
Tot Ion: 82 Resp: 27861

Ion Ratio Lower Upper

82 100

128 47.3 38.7 58.1

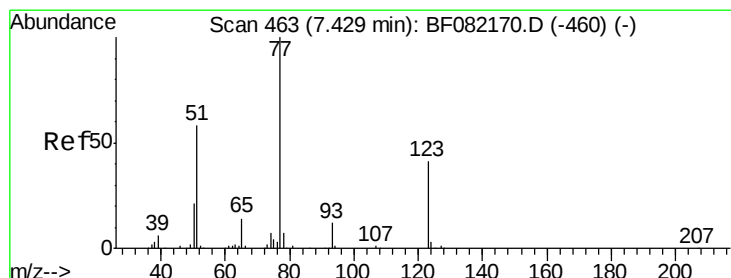
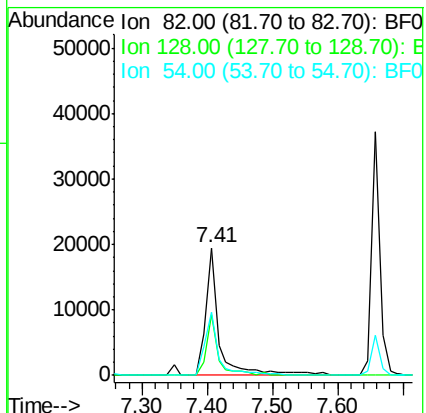
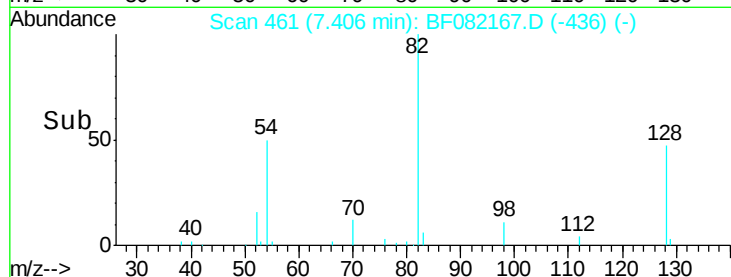
54 49.8 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 3.17 ng

RT: 7.42 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

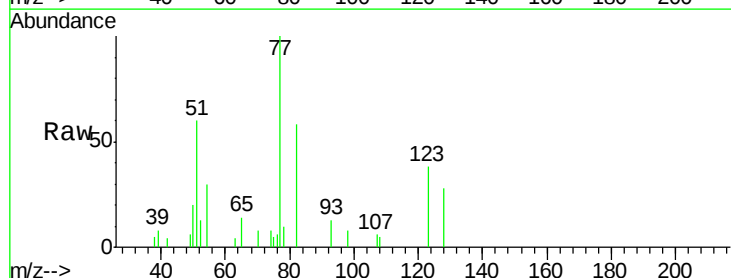
Tgt Ion: 77 Resp: 18215

Ion Ratio Lower Upper

77 100

123 38.4 33.0 49.4

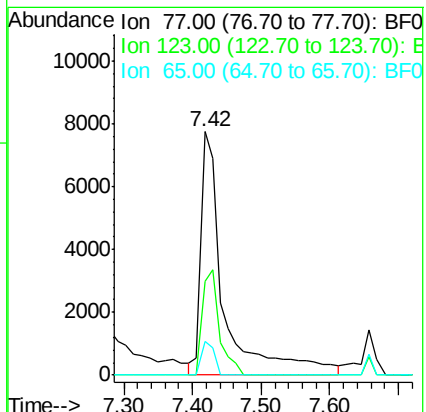
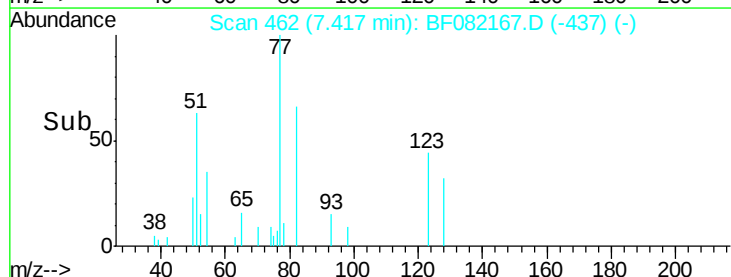
65 13.6 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 3.00 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

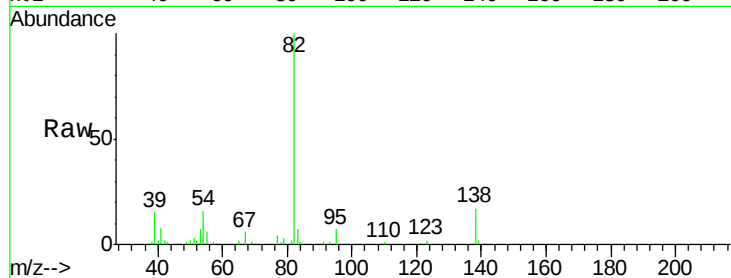
Tot Ion: 82 Resp: 31898

Ion Ratio Lower Upper

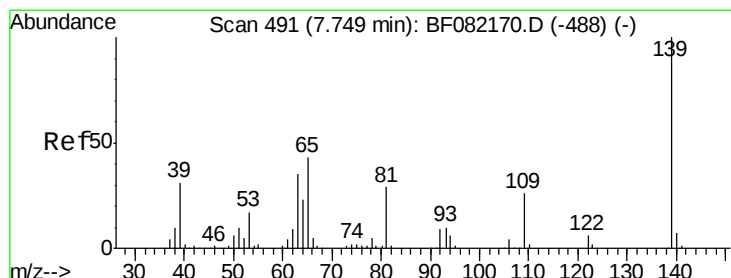
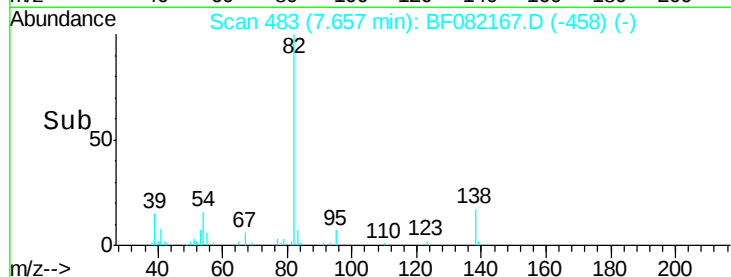
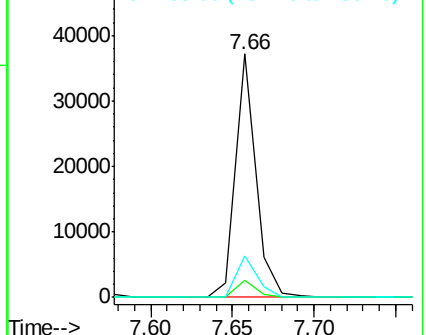
82 100

95 7.2 5.6 8.4

138 17.0 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: 2.21 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

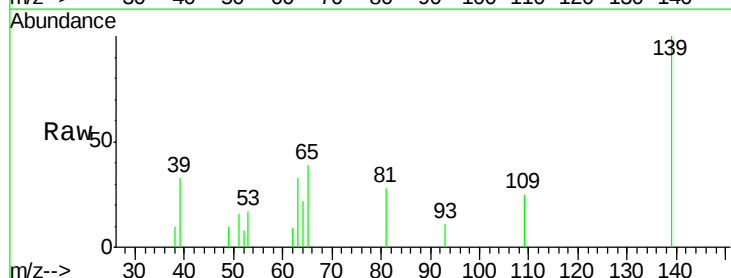
Tgt Ion: 139 Resp: 6276

Ion Ratio Lower Upper

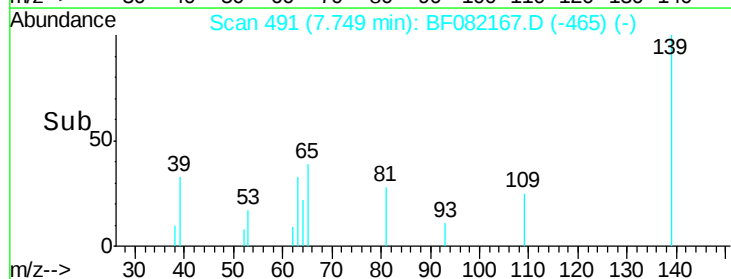
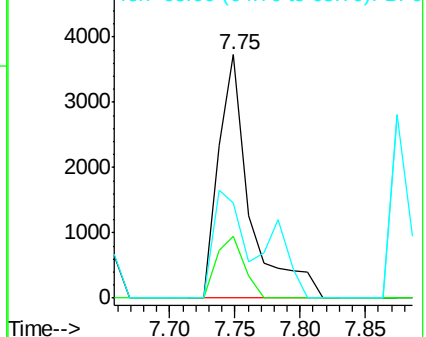
139 100

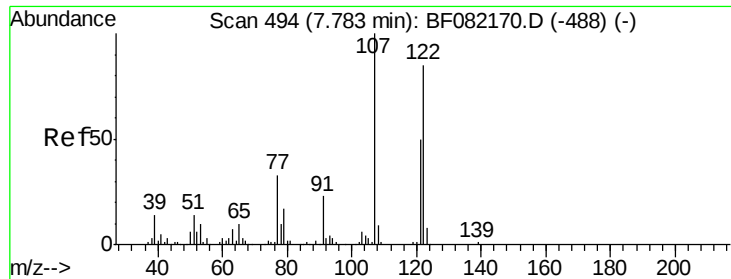
109 25.5 20.6 31.0

65 39.0 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 2.40 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampled :

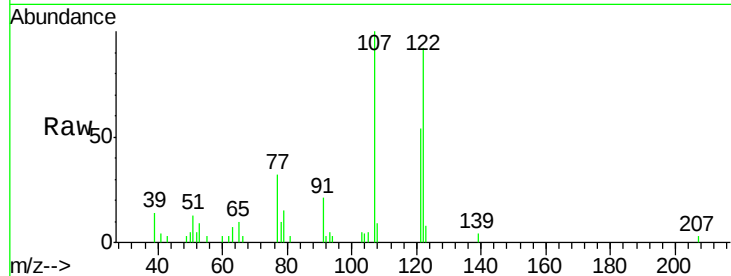
Tot Ion:122 Resp: 11666

Ion Ratio Lower Upper

122 100

107 109.0 94.0 141.0

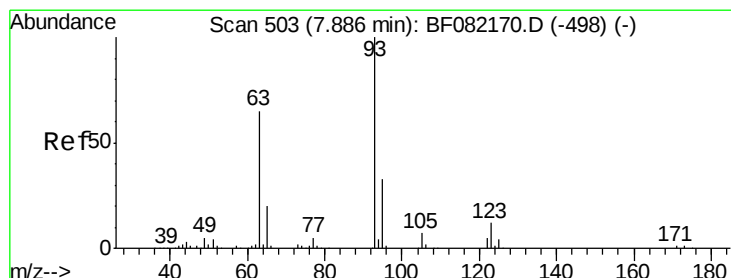
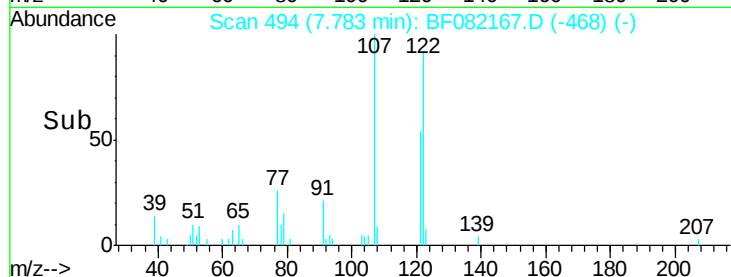
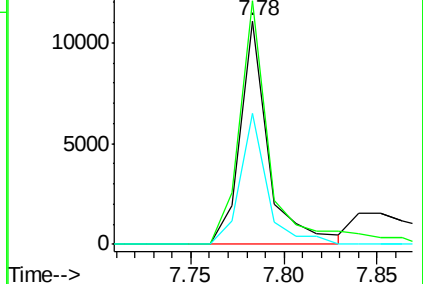
121 58.7 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.57 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

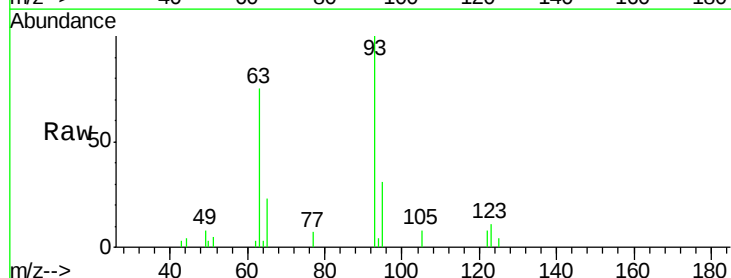
Tgt Ion: 93 Resp: 16542

Ion Ratio Lower Upper

93 100

95 31.0 26.6 39.8

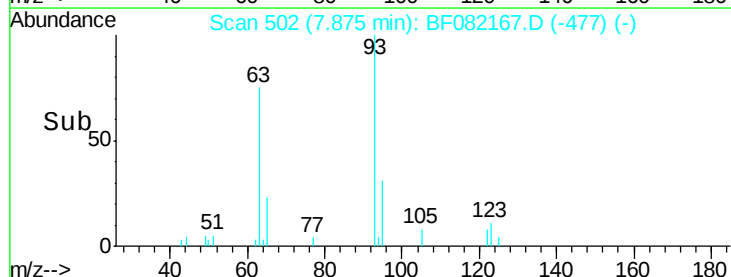
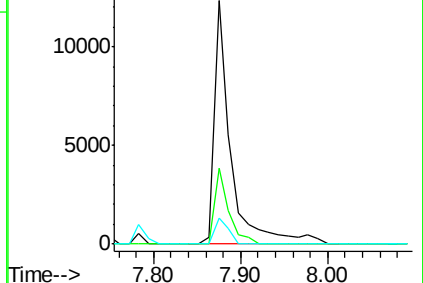
123 10.7 9.5 14.3

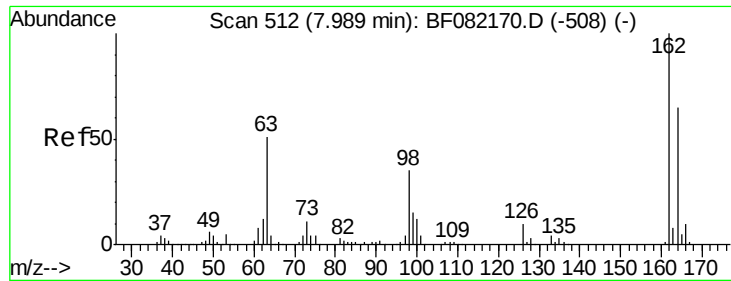


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

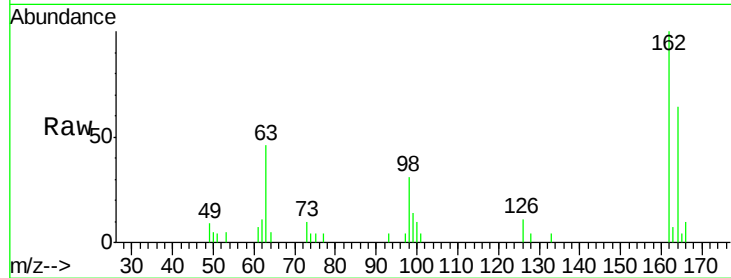




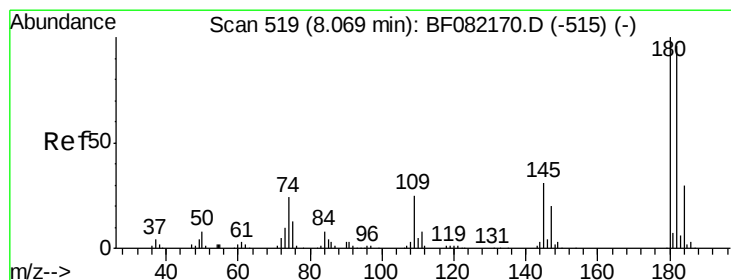
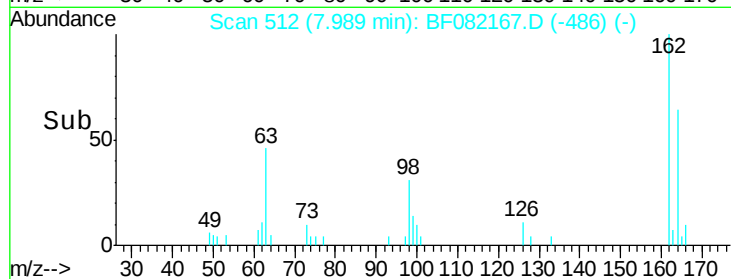
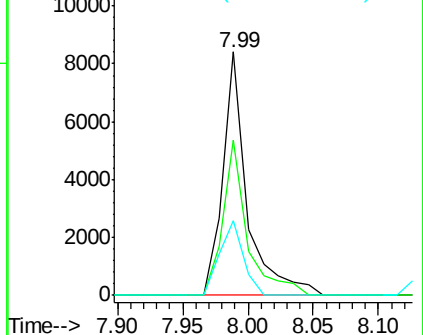
#29
 2,4-Dichlorophenol
 Concen: 2.26 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 10891
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.6 84.6
 98 30.6 15.0 55.0

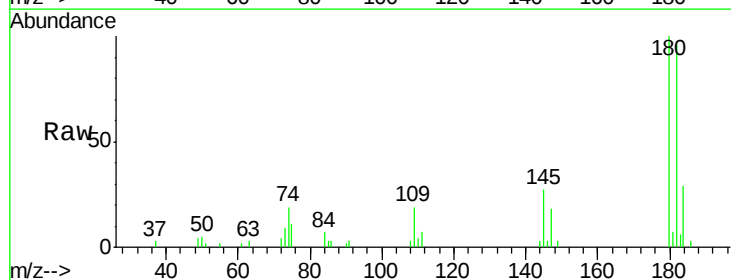


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

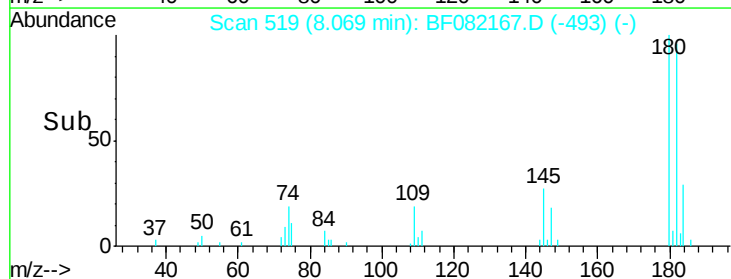
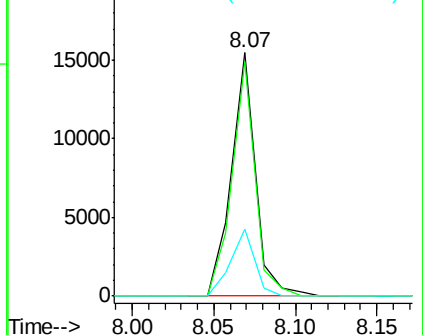


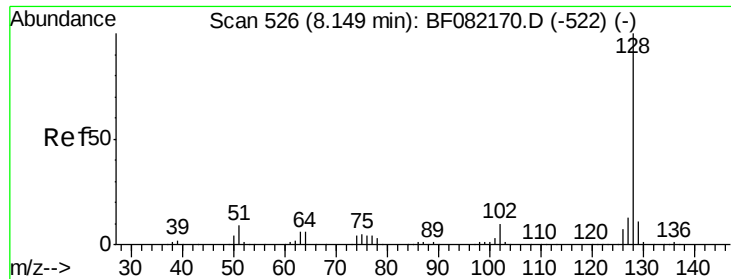
#30
 1,2,4-Trichlorobenzene
 Concen: 2.94 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:180 Resp: 15743
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.0 115.4
 145 27.4 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

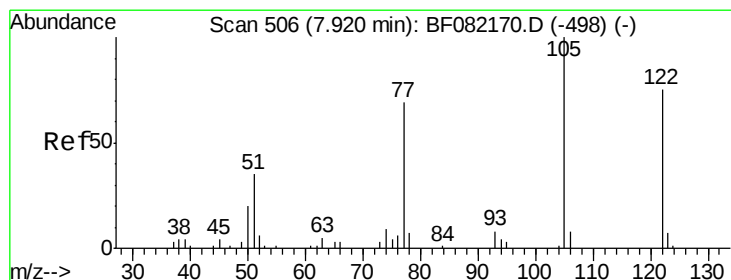
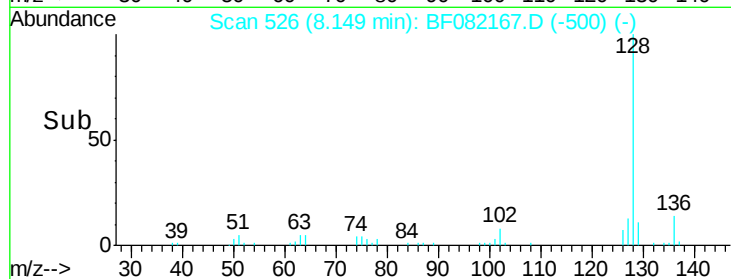
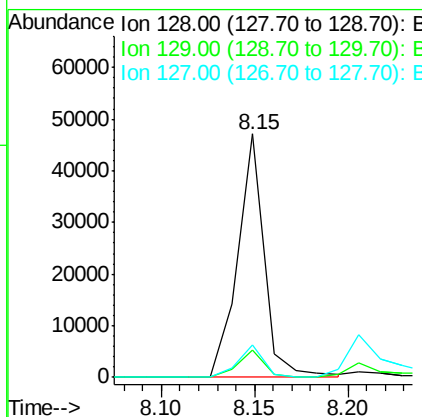
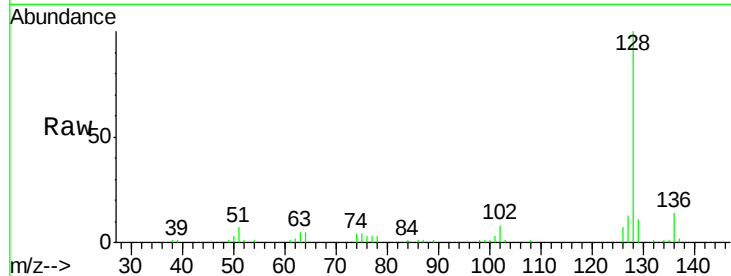




#31
Naphthalene
Concen: 2.96 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

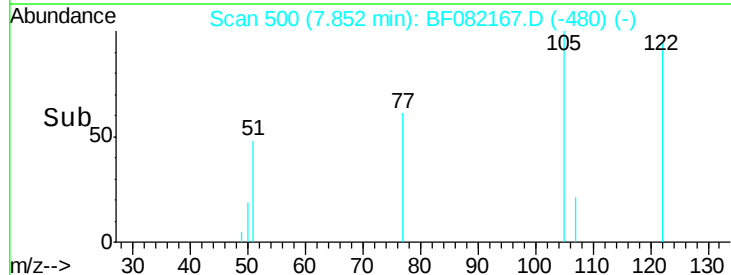
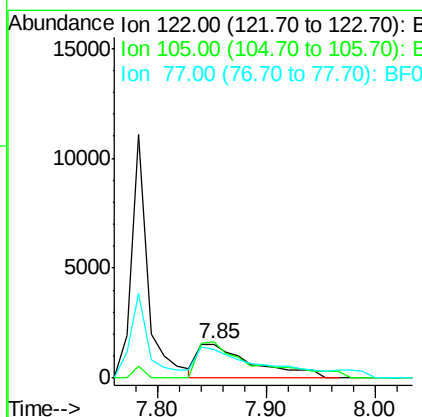
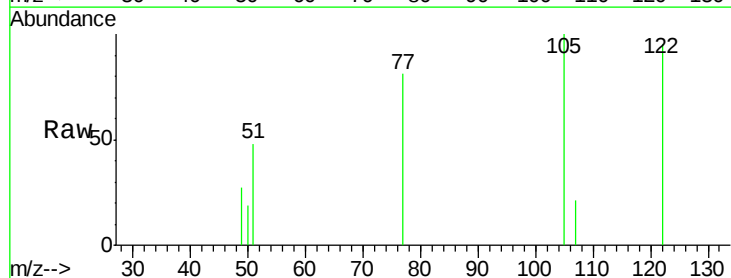
Instrument :
BNA_F
ClientSampleId :

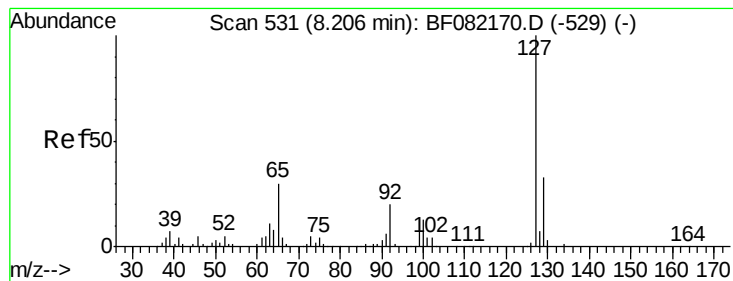
Tot Ion:128 Resp: 47010
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 2.02 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.07 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:122 Resp: 5434
Ion Ratio Lower Upper
122 100
105 105.3 104.4 144.4
77 85.8 69.0 109.0





#33

4-Chloroaniline

Concen: 2.52 ng

RT: 8.21 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 17259

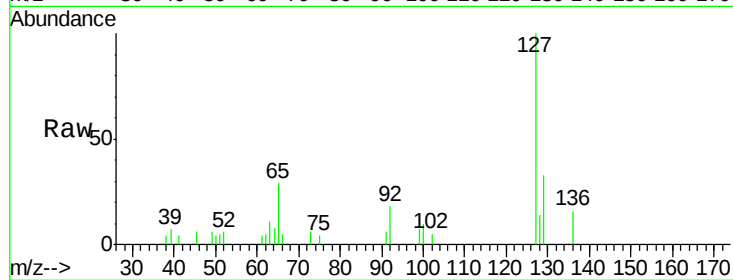
Ion Ratio Lower Upper

127 100

129 33.4 26.3 39.5

65 29.0 24.4 36.6

92 17.7 15.7 23.5

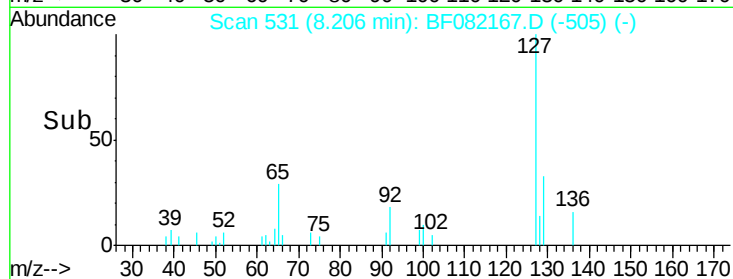


Abundance Ion 127.00 (126.70 to 127.70): E

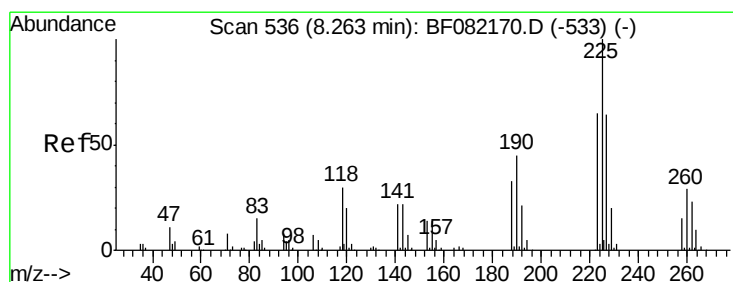
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 3.12 ng

RT: 8.26 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

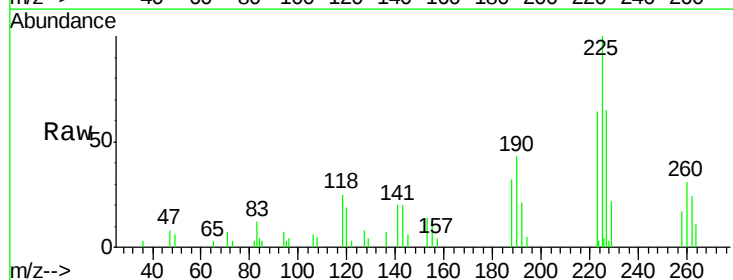
Tgt Ion:225 Resp: 9937

Ion Ratio Lower Upper

225 100

223 63.6 52.2 78.2

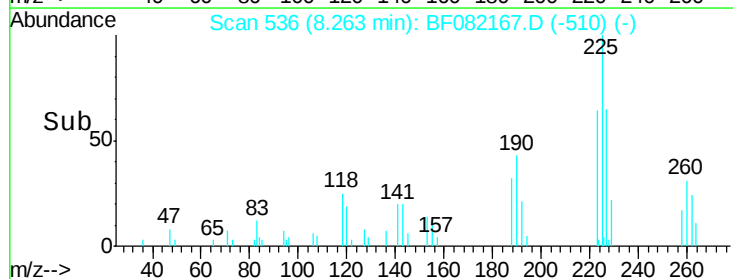
227 65.1 51.3 76.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 2.67 ng

RT: 8.53 min Scan# 559

Delta R.T. -0.07 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampled :

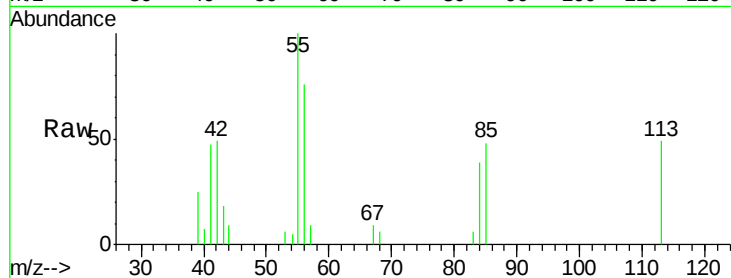
Tot Ion:113 Resp: 3578

Ion Ratio Lower Upper

113 100

55 203.3 149.7 189.7#

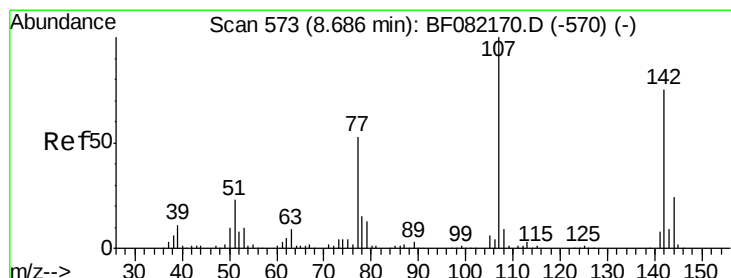
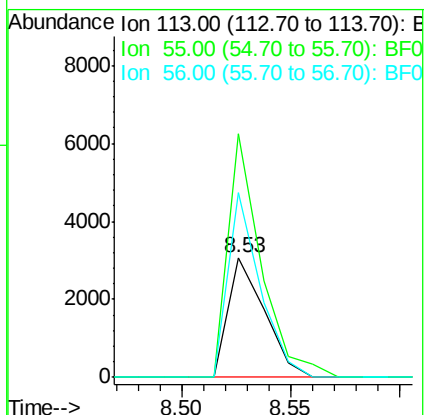
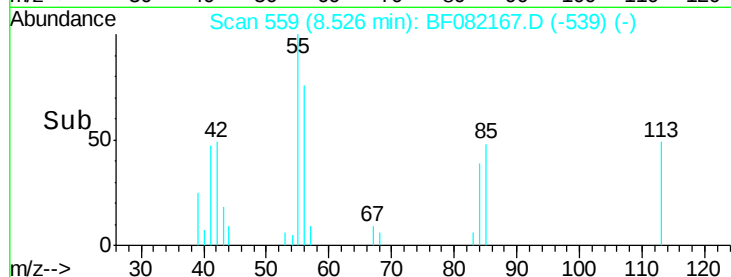
56 154.7 105.4 145.4#



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: 2.45 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

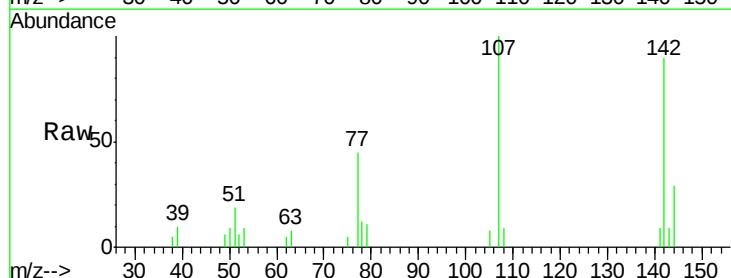
Tgt Ion:107 Resp: 11417

Ion Ratio Lower Upper

107 100

144 28.8 19.3 28.9

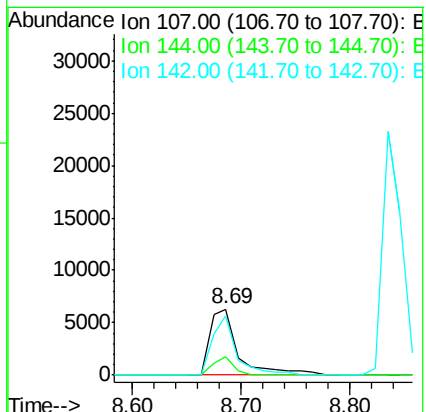
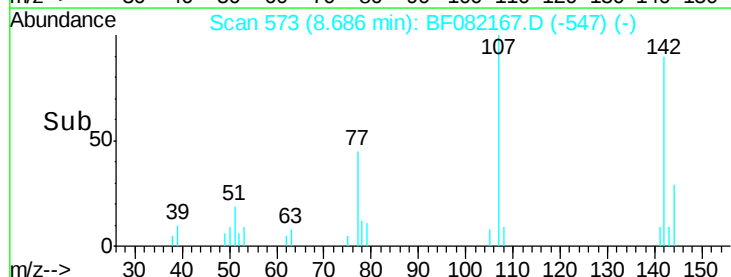
142 90.1 59.9 89.9#

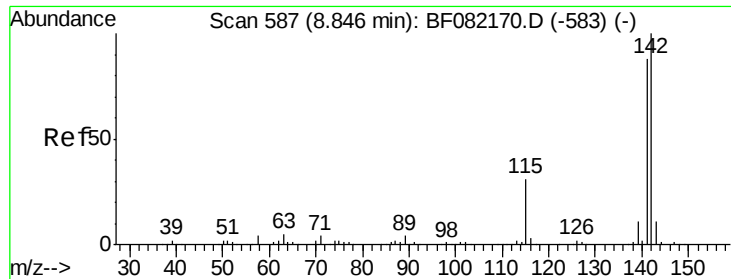


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

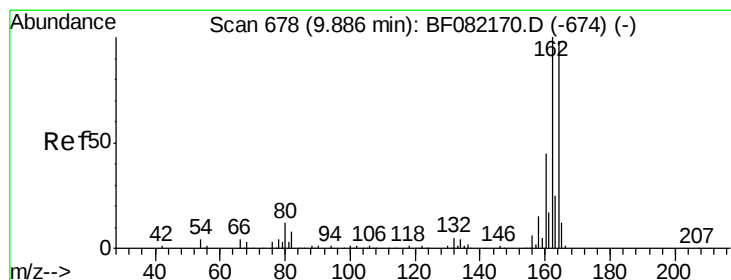
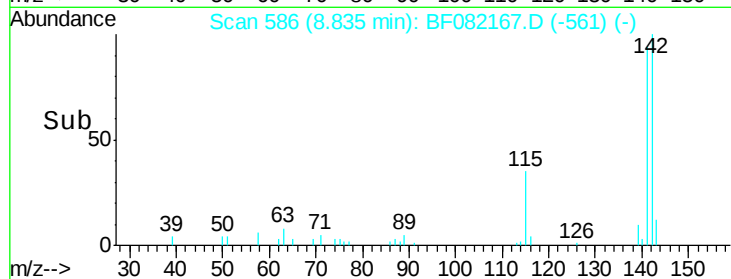
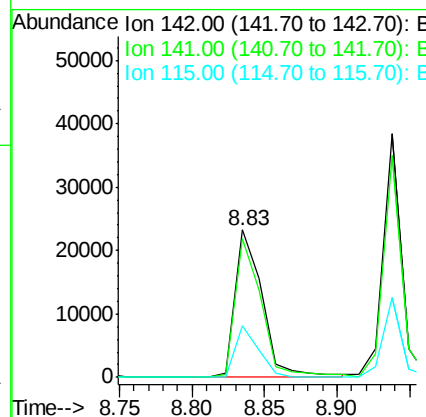
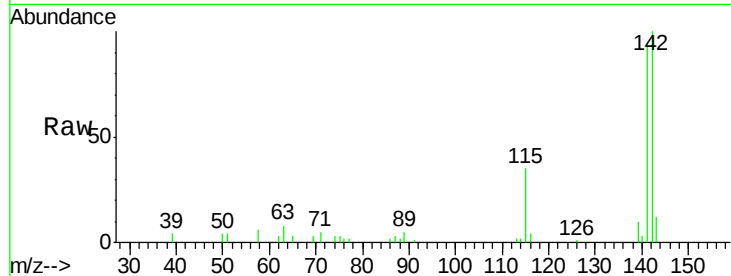




#37
 2-Methylnaphthalene
 Concen: 2.79 ng
 RT: 8.83 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

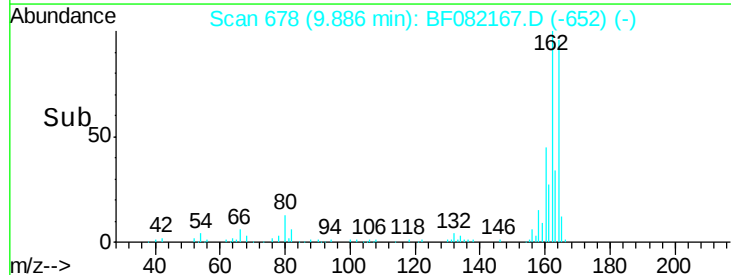
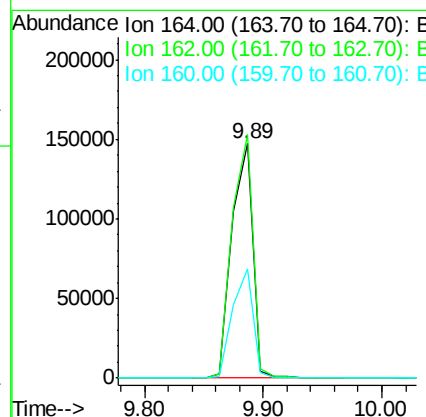
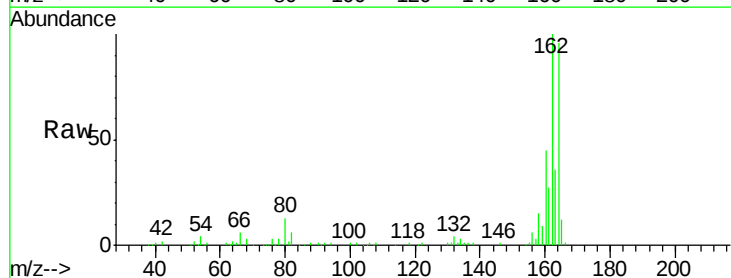
Instrument :
 BNA_F
 ClientSampled :

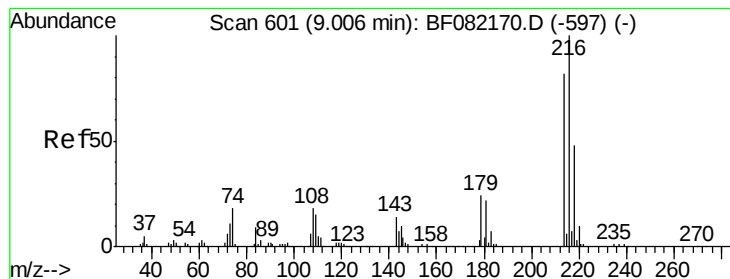
Tot Ion:142 Resp: 30315
 Ion Ratio Lower Upper
 142 100
 141 93.9 70.4 105.6
 115 34.6 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:164 Resp: 179602
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.6 122.4
 160 46.6 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.83 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082167.D

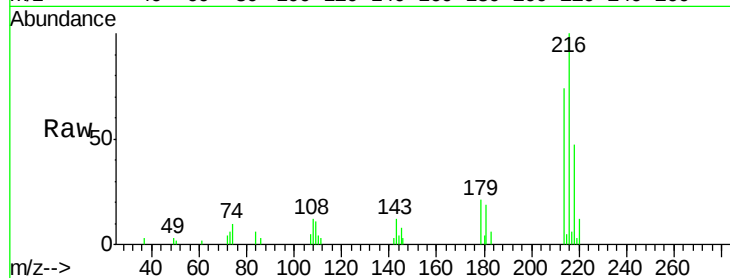
Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	15480
Ion Ratio	Lower	Upper
216	100	
214	75.6	64.6 97.0
179	21.6	17.6 26.4
108	14.4	14.5 21.7#

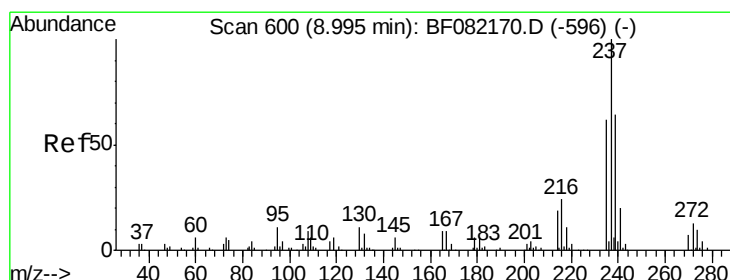
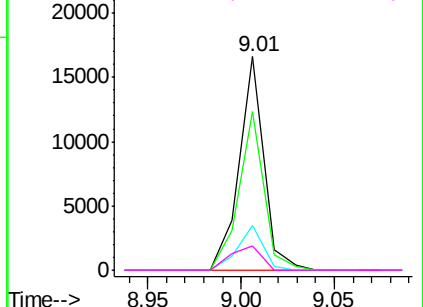
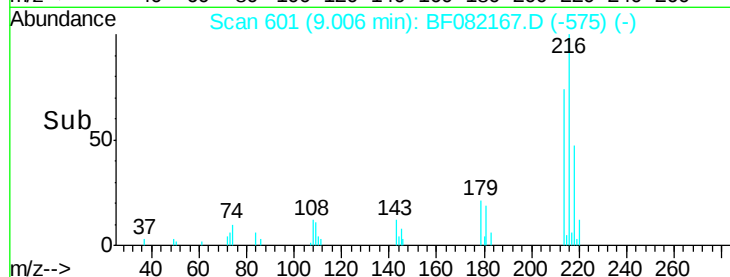


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.60 ng

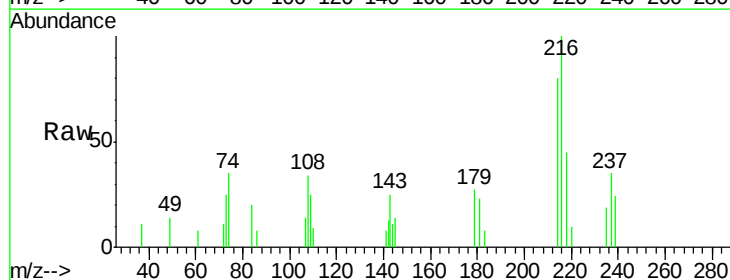
RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

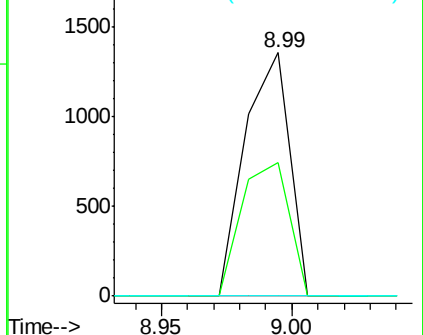
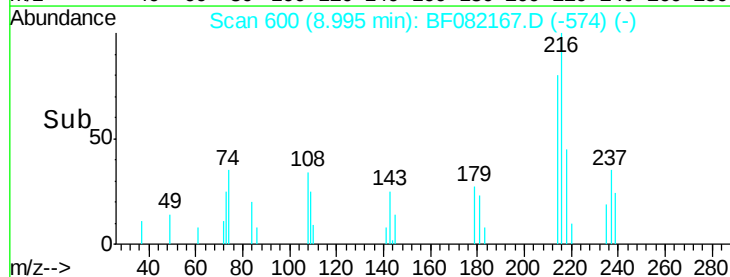
Tgt Ion:237	Resp:	1628
Ion Ratio	Lower	Upper
237	100	
235	54.6	41.7 81.7
272	0.0	0.0 32.8

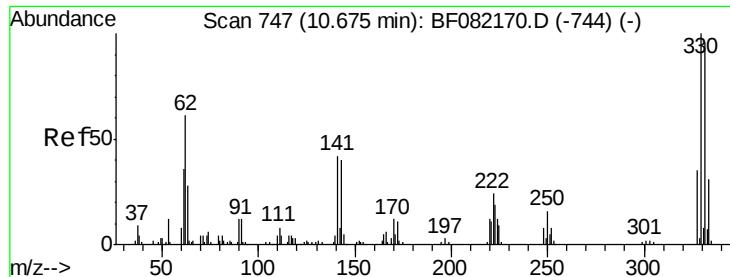


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

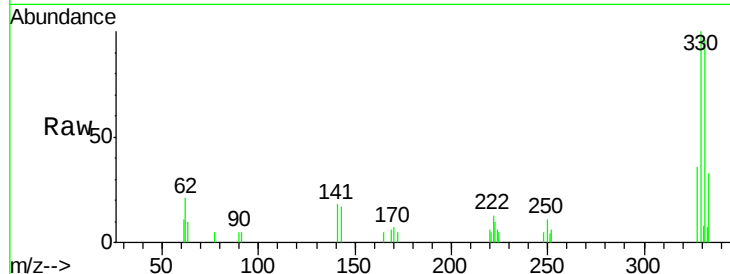




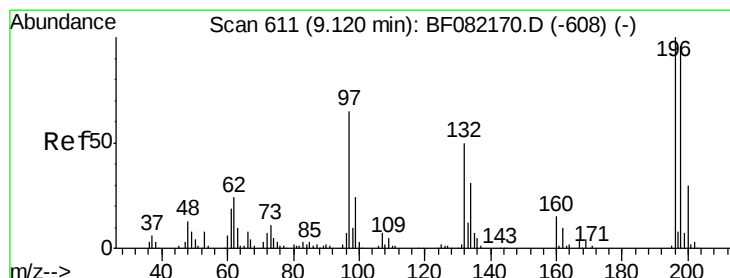
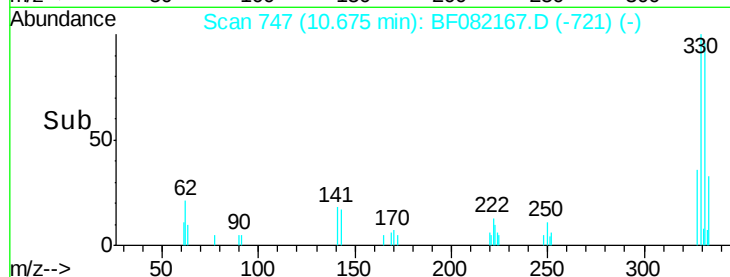
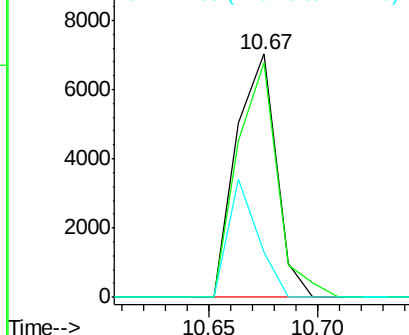
#41
 2,4,6-Tribromophenol
 Concen: 4.98 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 8953
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 36.1 29.8 44.8

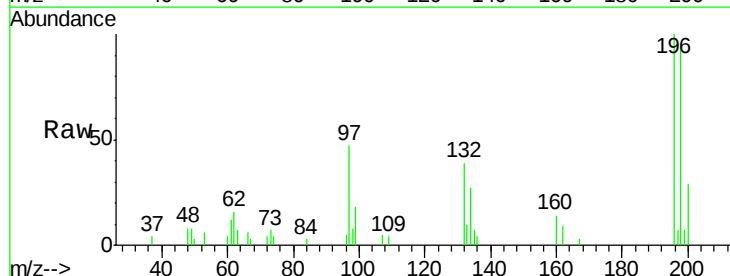


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

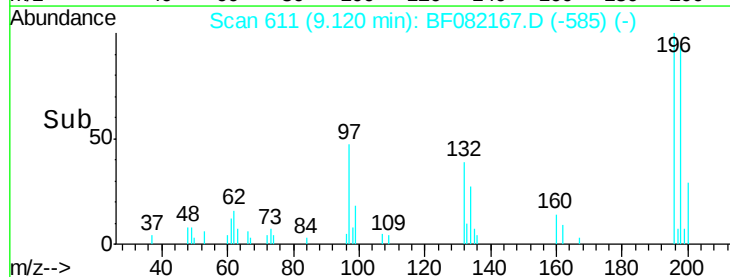
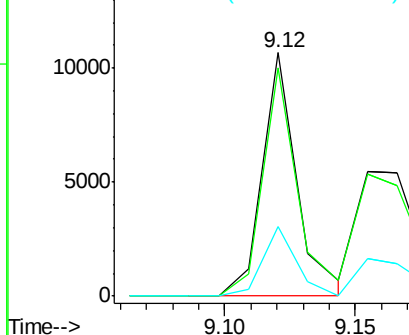


#42
 2,4,6-Trichlorophenol
 Concen: 2.66 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:196 Resp: 9871
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.6 115.0
 200 28.8 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

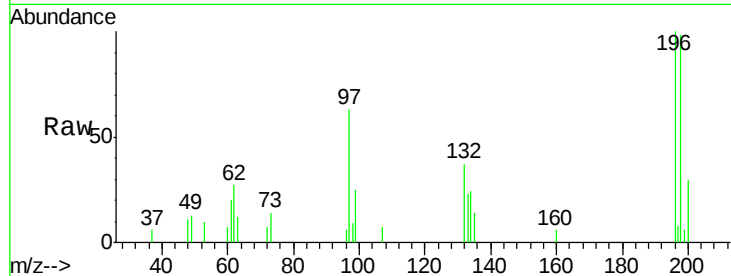




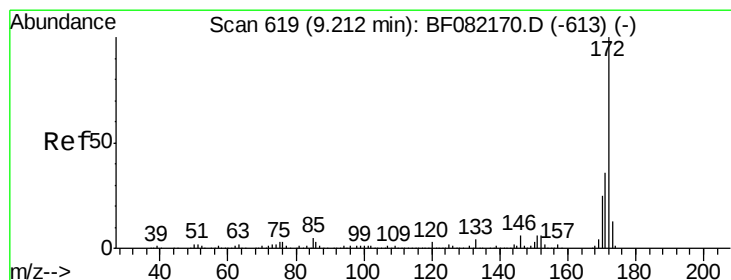
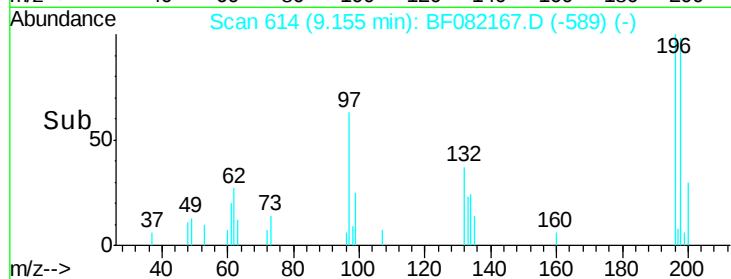
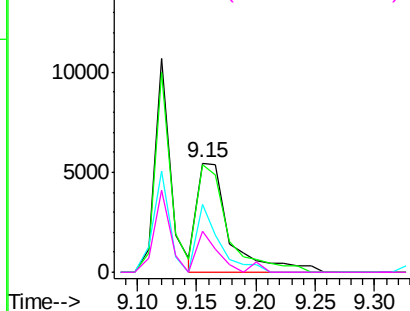
#43
 2,4,5-Trichlorophenol
 Concen: 2.71 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	10500
Ion	Ratio	Lower	Upper
196	100		
198	98.2	77.0	115.4
97	62.6	31.9	47.9#
132	37.1	20.3	30.5#

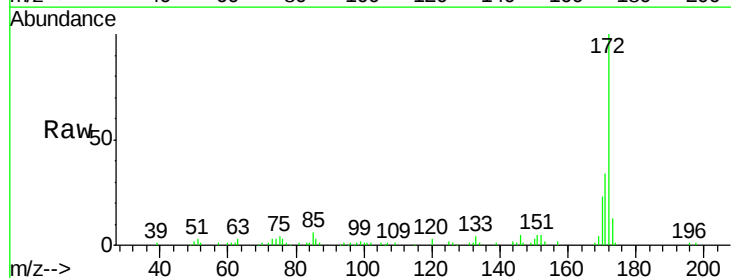


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

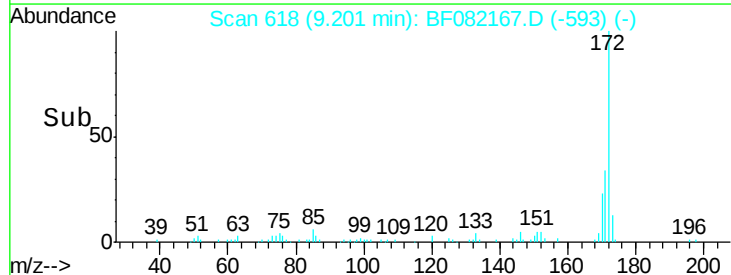
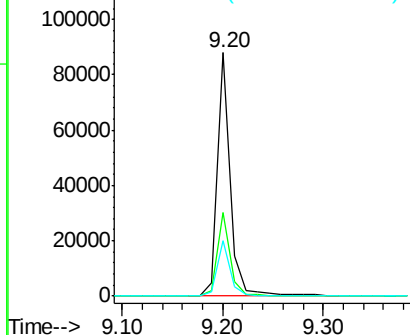


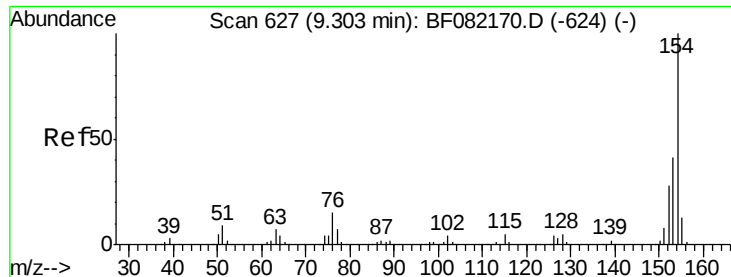
#44
 2-Fluorobiphenyl
 Concen: 6.88 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:	172	Resp:	78148
Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	42.8
170	22.5	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

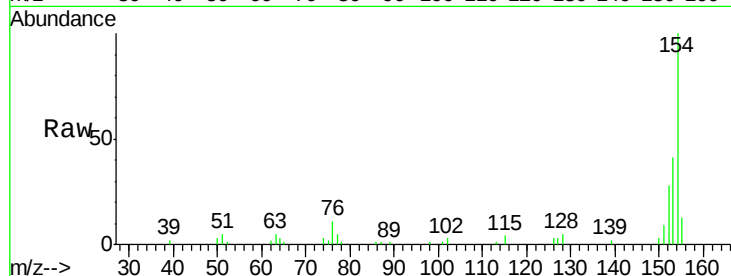




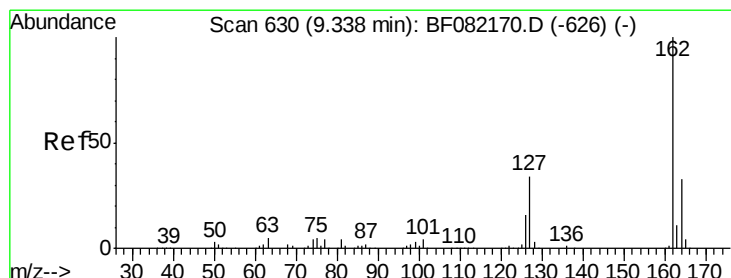
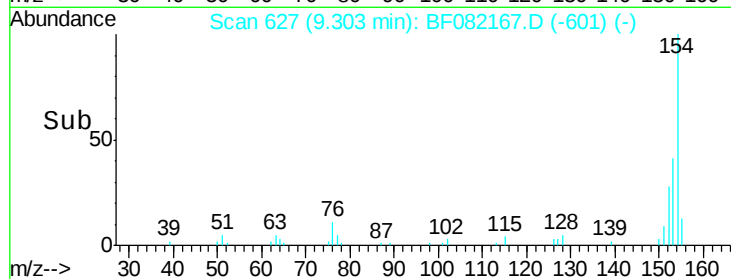
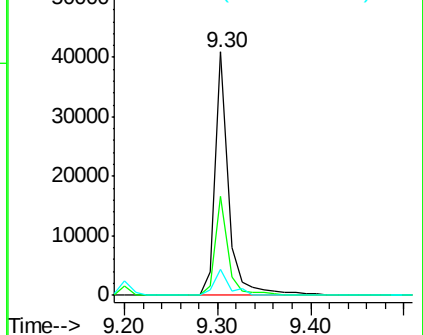
#45
 1,1'-Biphenyl
 Concen: 2.99 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 41083
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 10.7 0.0 35.2

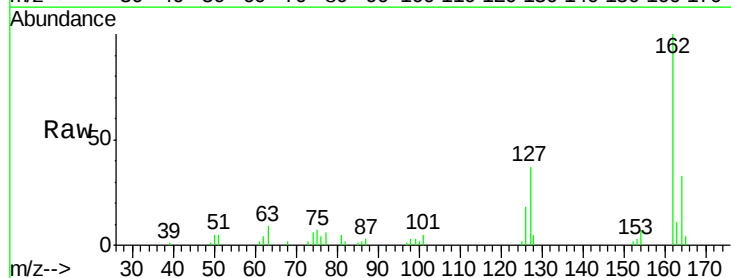


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

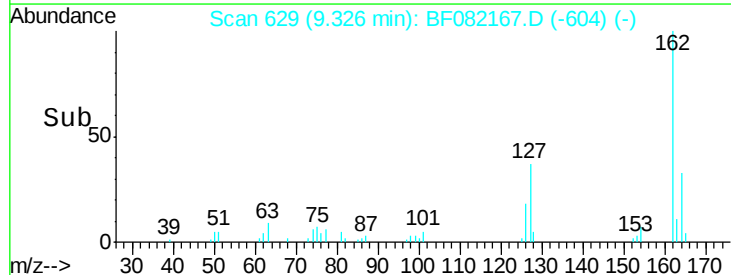
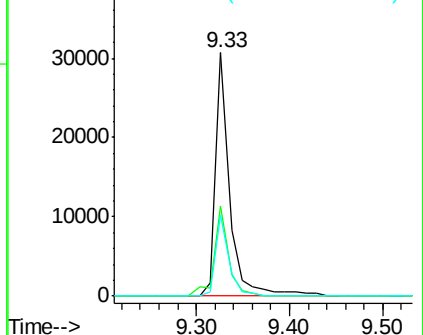


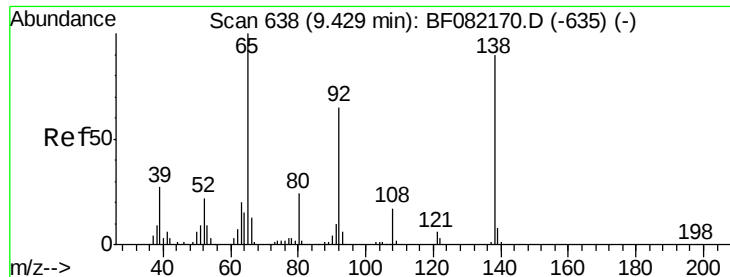
#46
 2-Chloronaphthalene
 Concen: 2.98 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:162 Resp: 32196
 Ion Ratio Lower Upper
 162 100
 127 37.2 27.5 41.3
 164 33.2 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

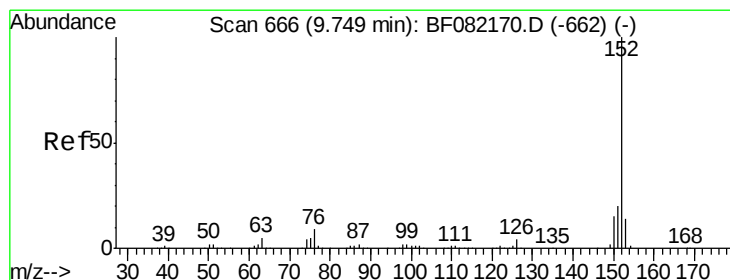
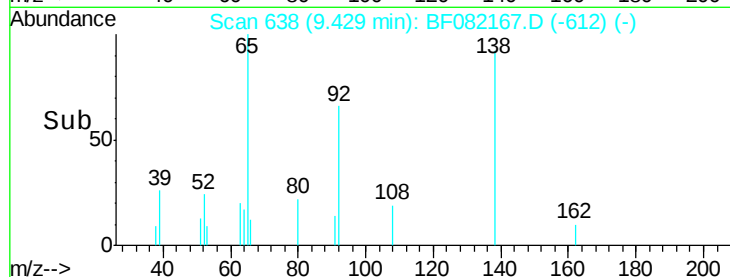
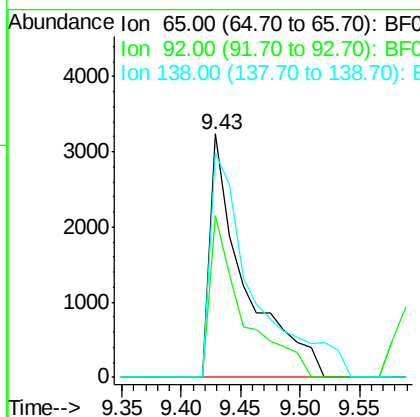
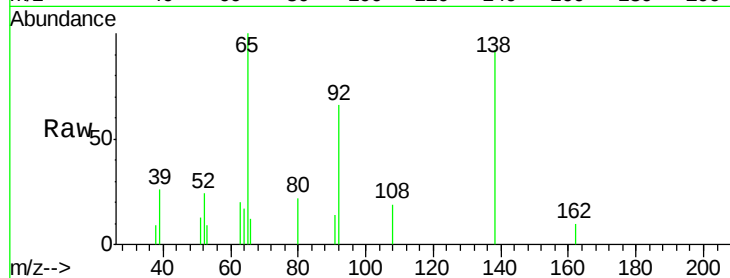




#47
2-Nitroaniline
Concen: 2.06 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

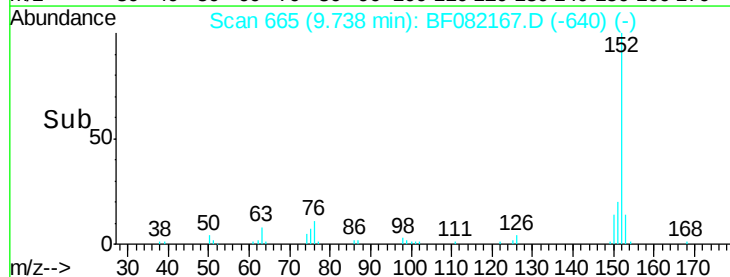
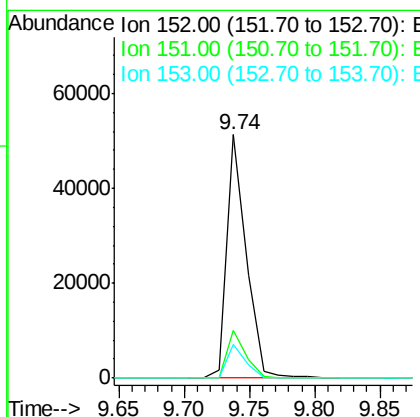
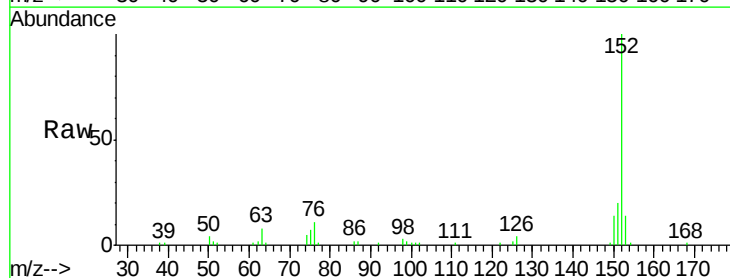
Instrument :
BNA_F
ClientSampleId :

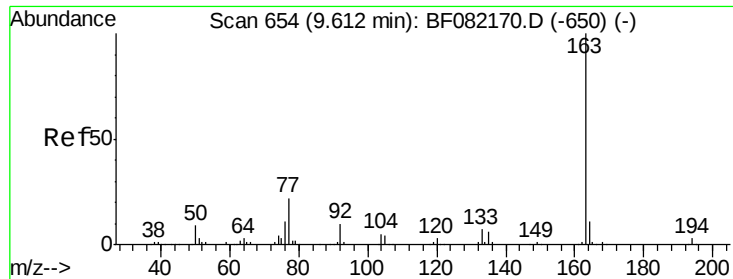
Tot Ion: 65 Resp: 6542
Ion Ratio Lower Upper
65 100
92 66.2 52.3 78.5
138 92.1 72.2 108.4



#48
Acenaphthylene
Concen: 3.05 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion: 152 Resp: 53161
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.9 10.8 16.2

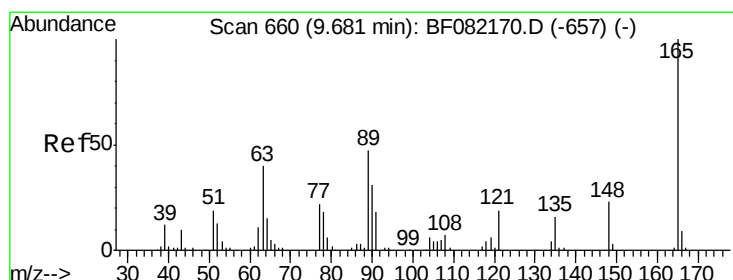
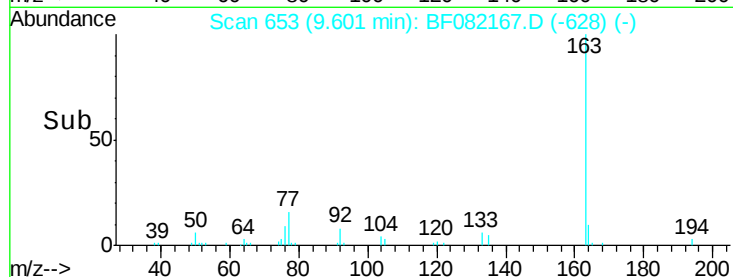
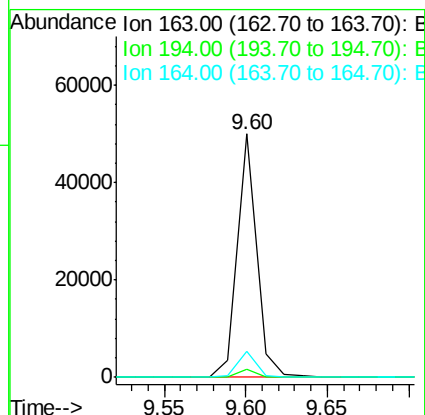
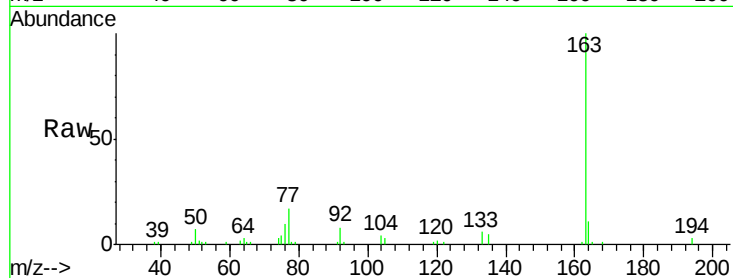




#49
Dimethylphthalate
Concen: 3.33 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

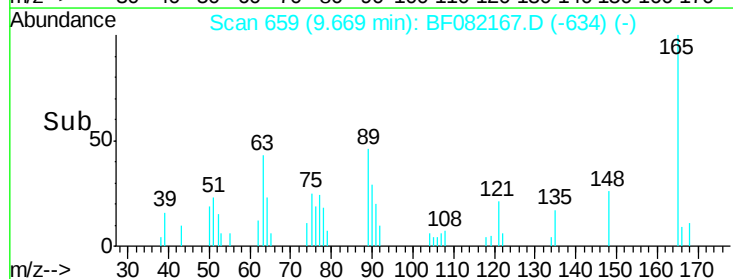
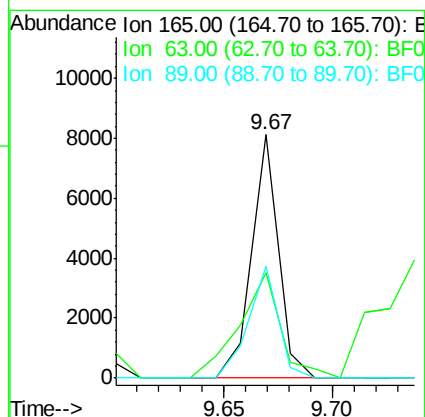
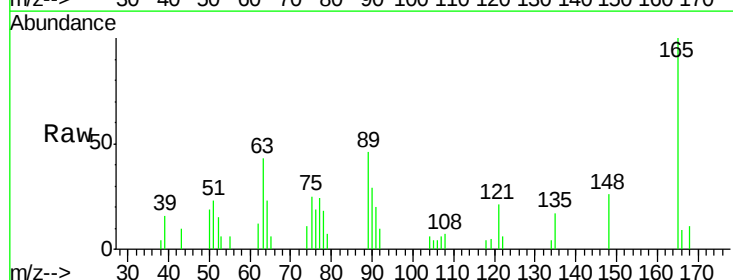
Instrument :
BNA_F
ClientSampleId :

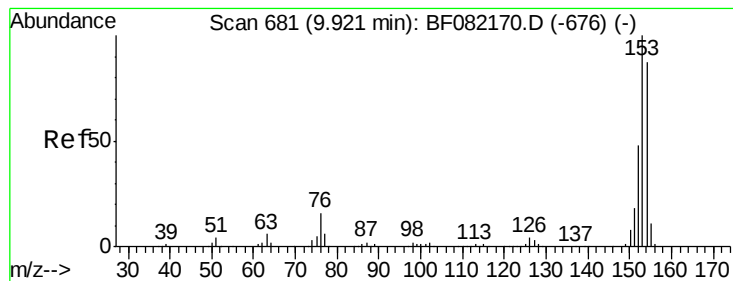
Tot Ion:163 Resp: 40739
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 2.55 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:165 Resp: 6918
Ion Ratio Lower Upper
165 100
63 43.2 36.7 55.1
89 45.9 37.8 56.6





#51

Acenaphthene

Concen: 3.03 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

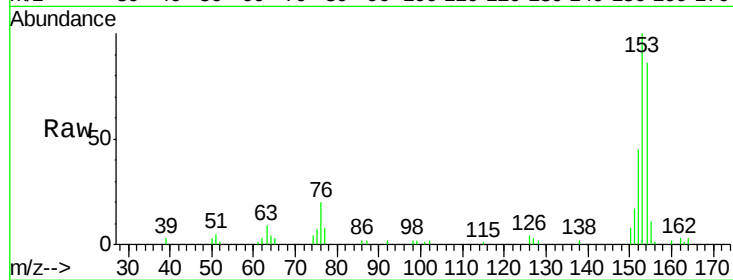
Tot Ion:154 Resp: 31421

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.2

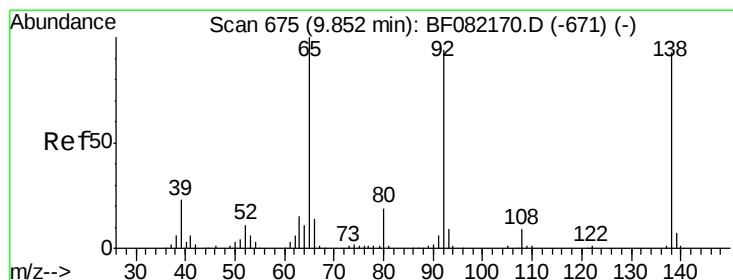
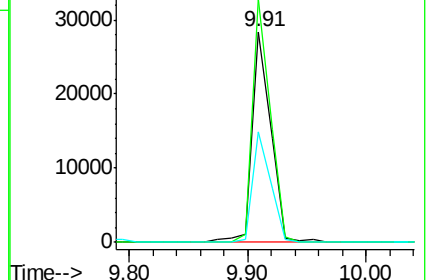
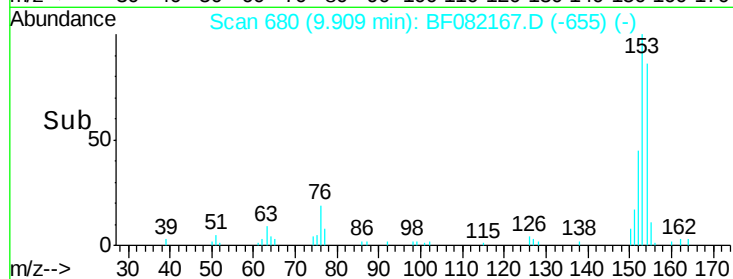
152 52.5 44.3 66.5



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: 2.52 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

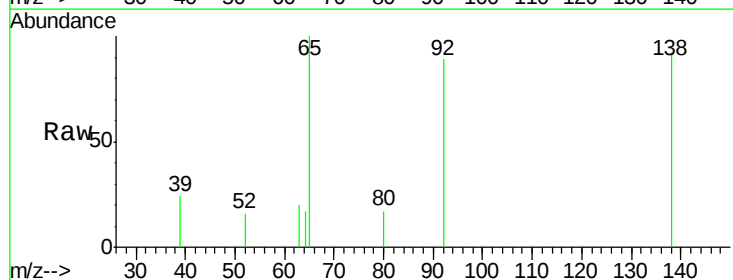
Tgt Ion:138 Resp: 7793

Ion Ratio Lower Upper

138 100

108 0.0 7.4 11.0#

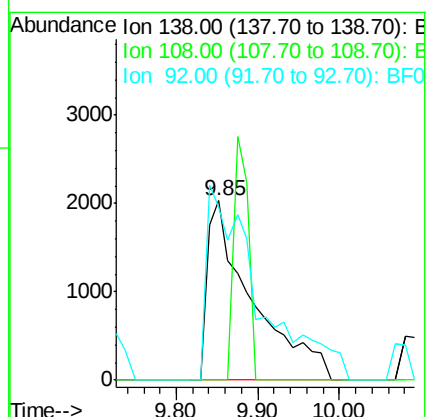
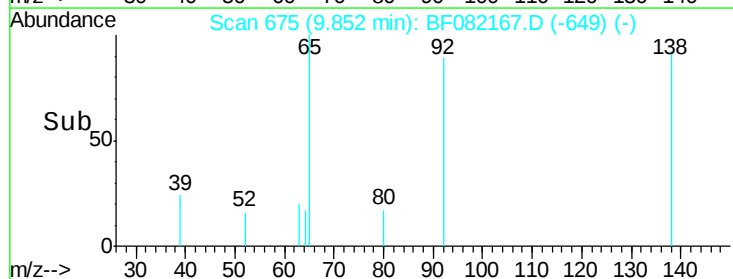
92 96.9 81.3 121.9

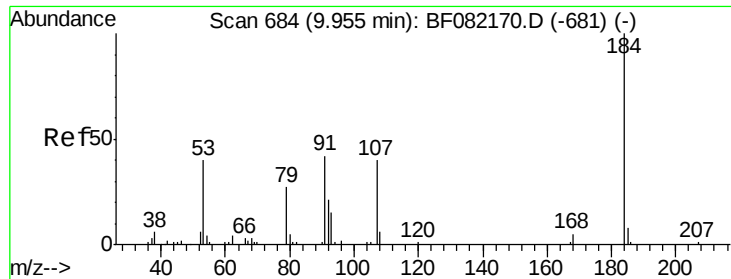


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

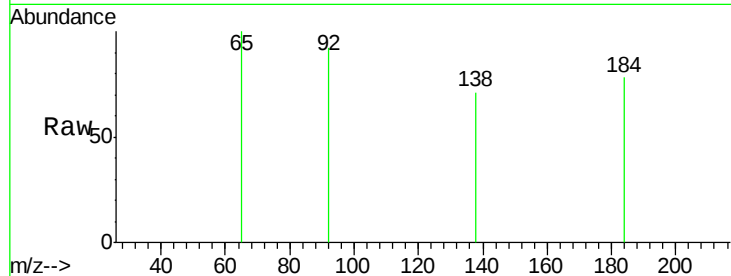




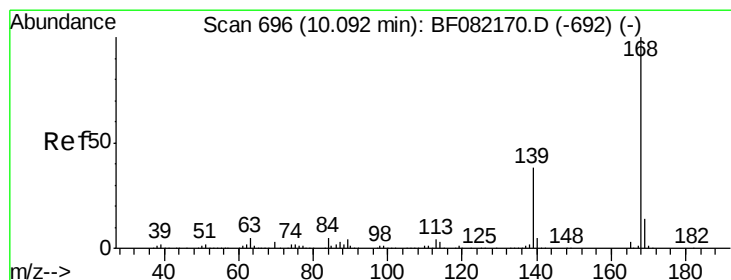
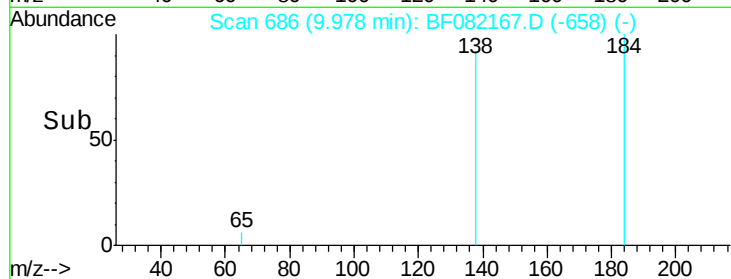
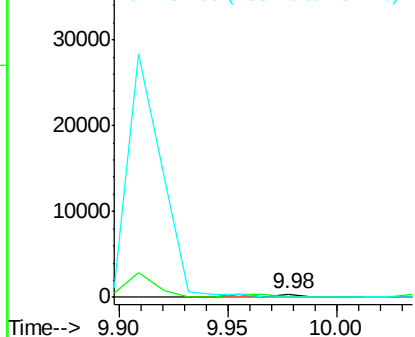
#53
 2,4-Dinitrophenol
 Concen: 0.46 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.02 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 455
 Ion Ratio Lower Upper
 184 100
 63 0.0 45.1 67.7#
 154 0.0 51.2 76.8#

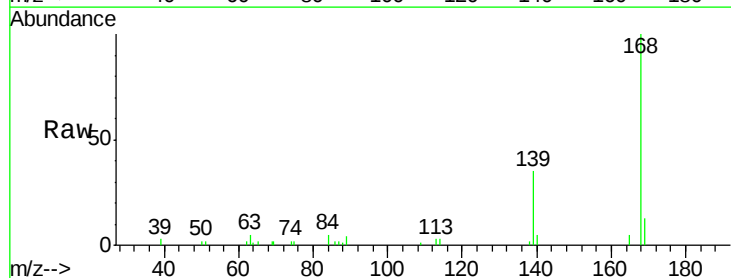


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

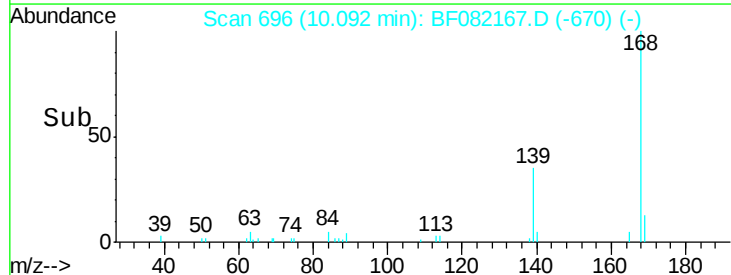
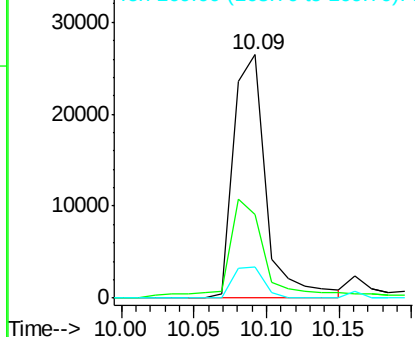


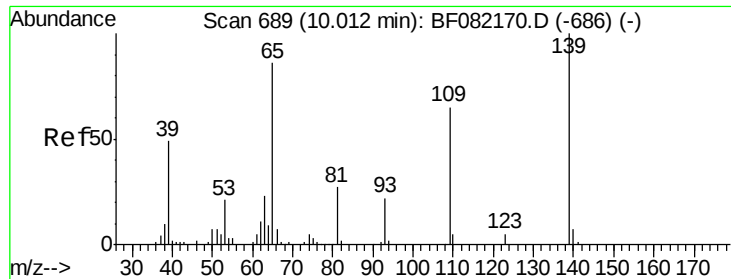
#54
 Dibenzofuran
 Concen: 2.81 ng
 RT: 10.09 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:168 Resp: 41145
 Ion Ratio Lower Upper
 168 100
 139 34.5 31.0 46.6
 169 12.7 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

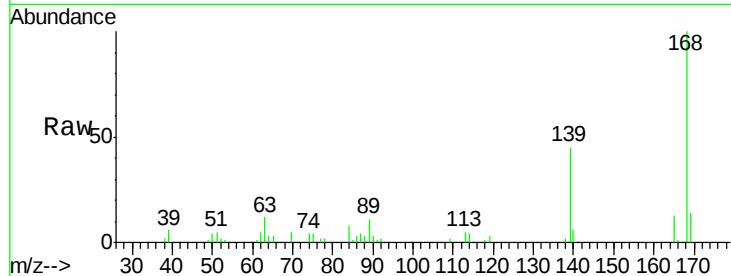




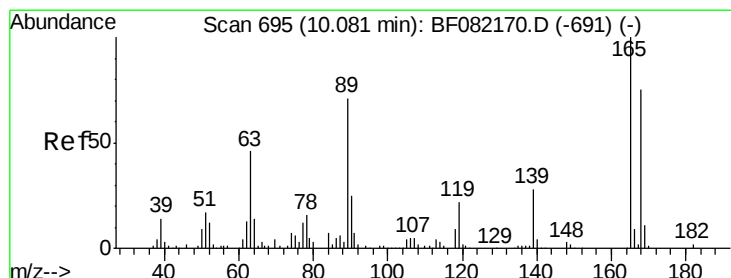
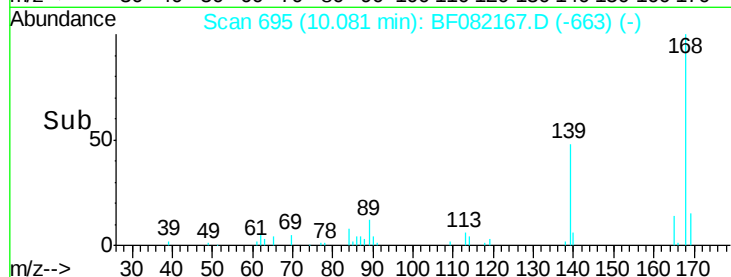
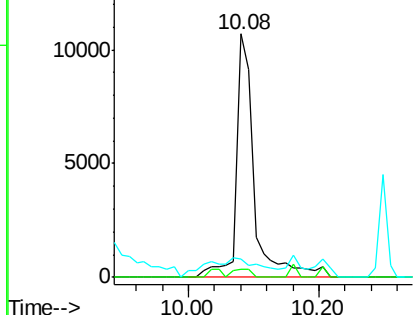
#55
4-Nitrophenol
Concen: 9.14 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.07 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	3.4	44.8	84.8#
65	7.5	67.7	107.7#



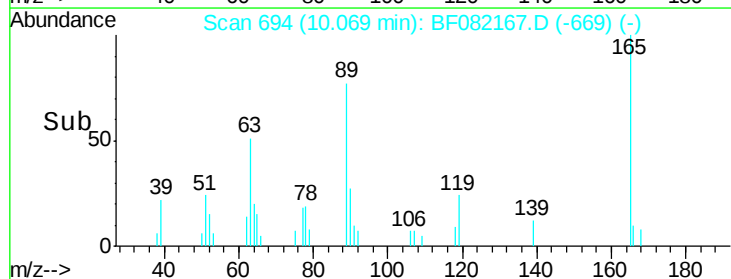
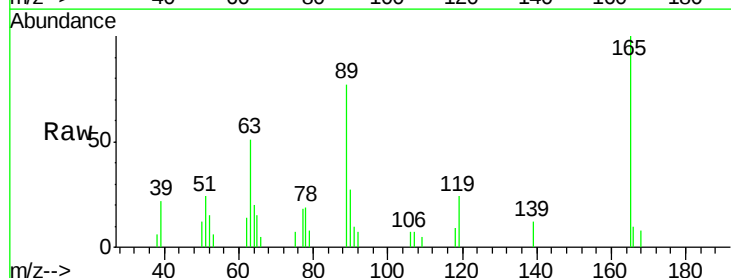
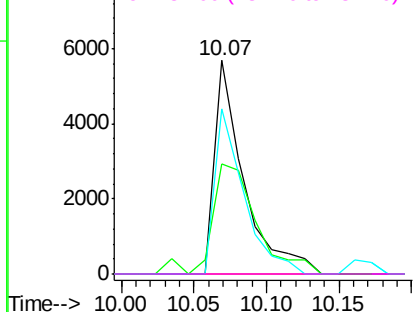
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

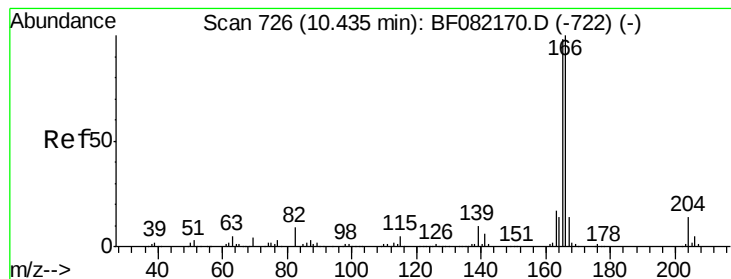


#56
2,4-Dinitrotoluene
Concen: 2.32 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	38.6	58.0
89	77.3	57.0	85.6
182	0.0	1.8	2.6#

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





#57

Fluorene

Concen: 3.08 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

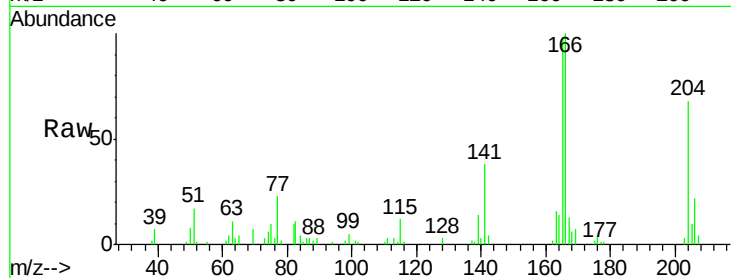
Tot Ion:166 Resp: 35848

Ion Ratio Lower Upper

166 100

165 97.8 78.3 117.5

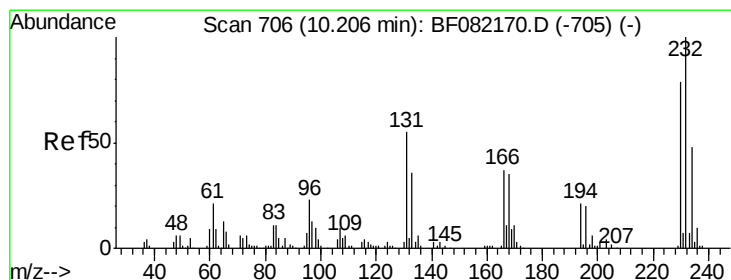
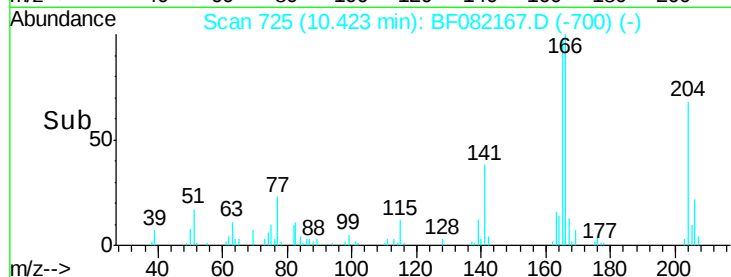
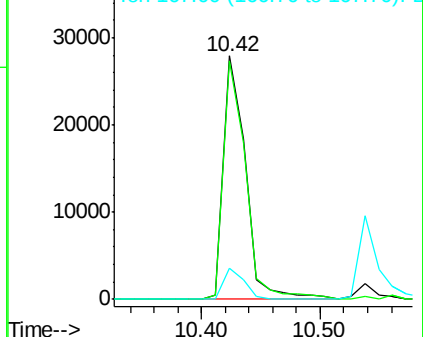
167 12.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.82 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Tgt Ion:232 Resp: 8639

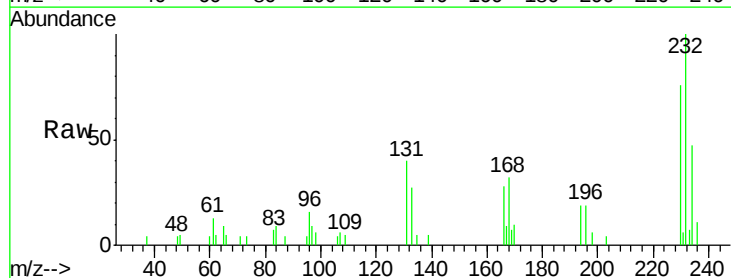
Ion Ratio Lower Upper

232 100

131 40.0 36.6 54.8

130 0.0 1.5 2.3#

166 27.7 24.6 37.0

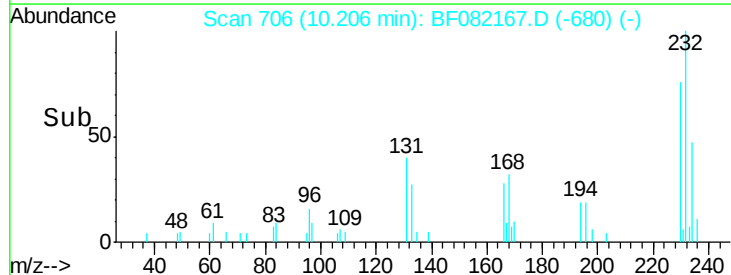
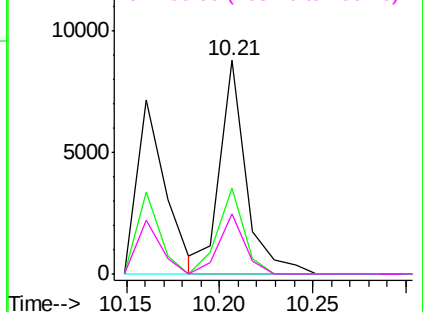


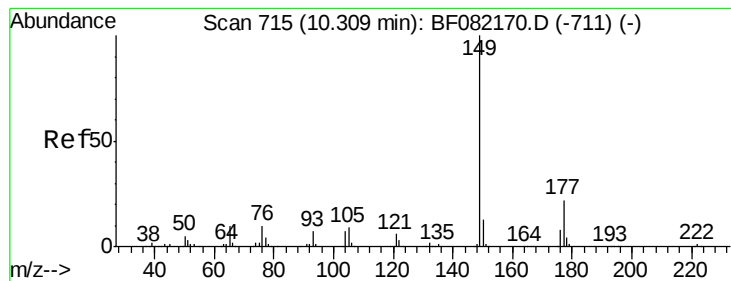
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 3.55 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

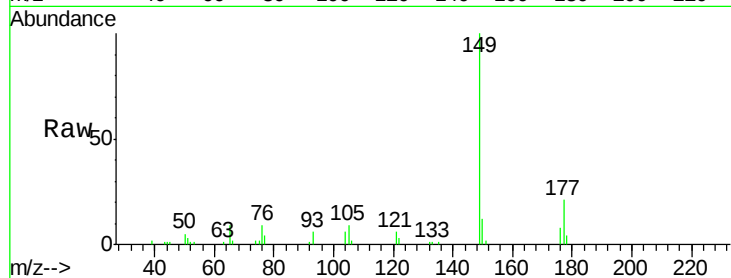
Tot Ion:149 Resp: 41029

Ion Ratio Lower Upper

149 100

177 20.6 17.6 26.4

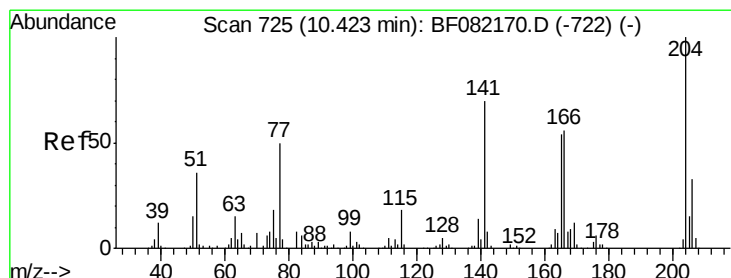
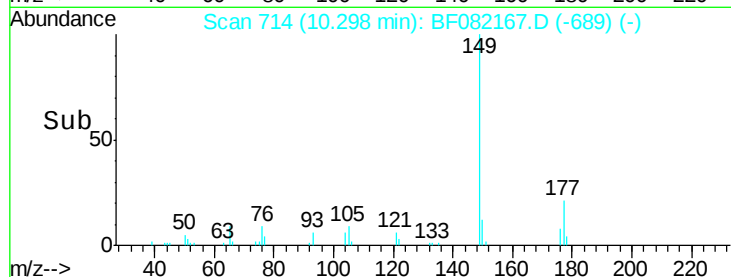
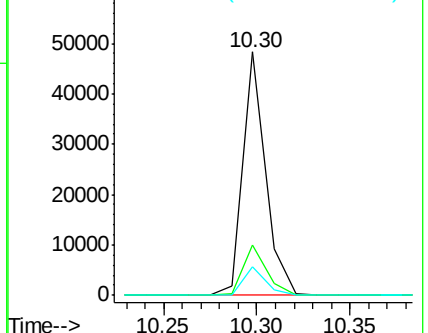
150 12.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.38 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

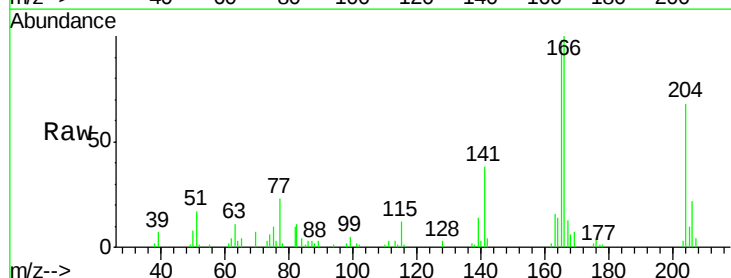
Tgt Ion:204 Resp: 18032

Ion Ratio Lower Upper

204 100

206 32.6 26.8 40.2

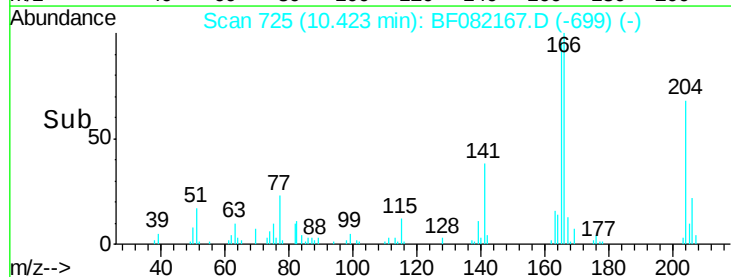
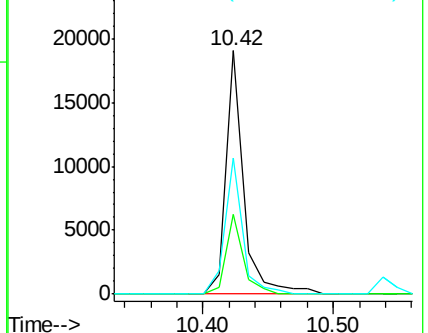
141 56.1 56.1 84.1#

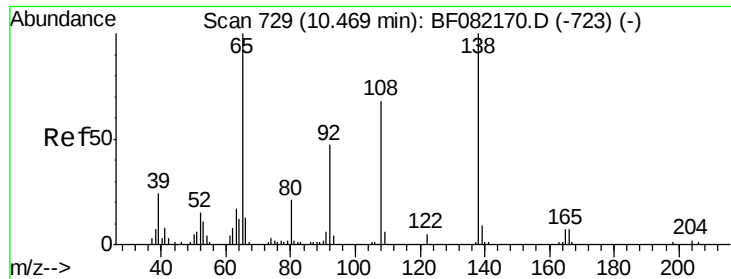


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

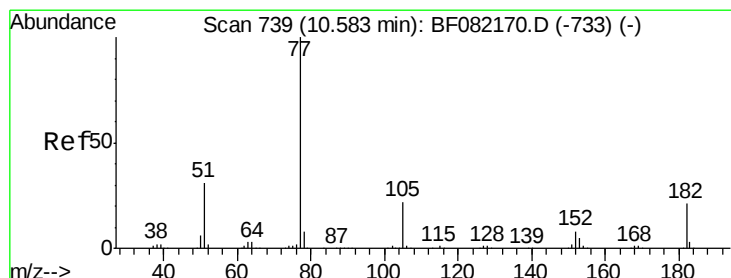
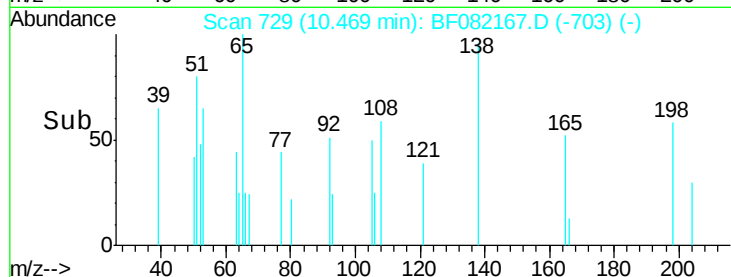
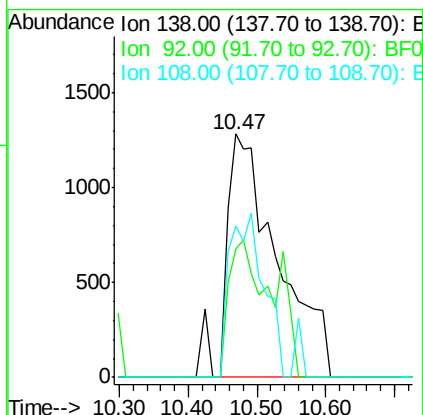
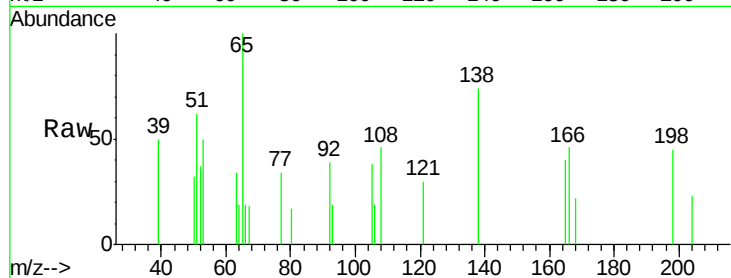




#61
4-Nitroaniline
Concen: 2.12 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

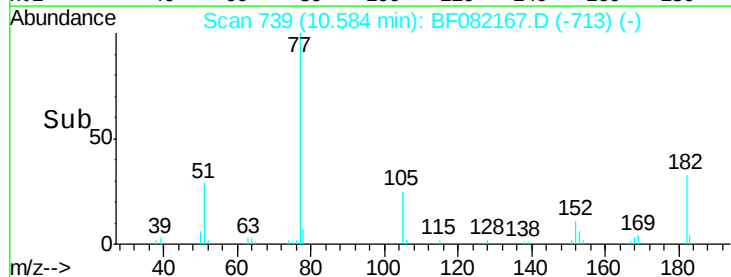
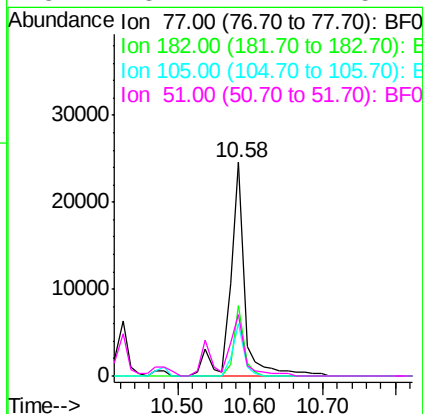
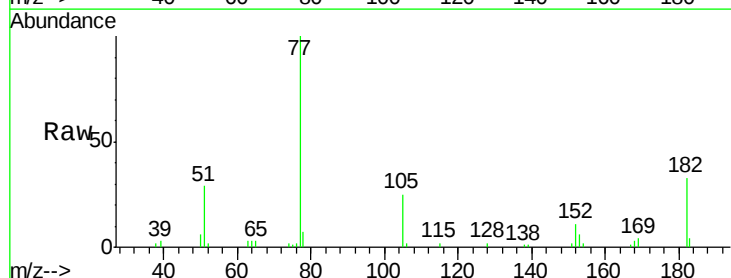
Instrument :
BNA_F
ClientSampled :

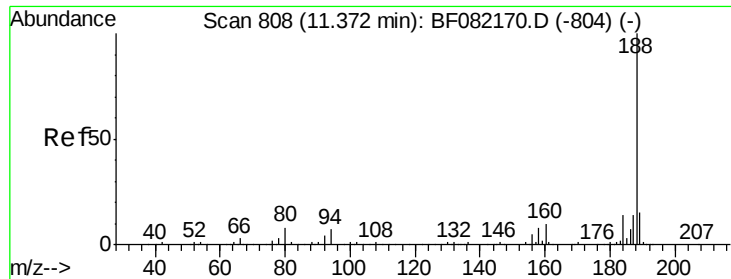
Tot Ion:138 Resp: 6624
Ion Ratio Lower Upper
138 100
92 52.9 26.8 66.8
108 62.0 48.4 88.4



#62
Azobenzene
Concen: 3.03 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion: 77 Resp: 34083
Ion Ratio Lower Upper
77 100
182 32.9 0.5 40.5
105 24.8 1.8 41.8
51 28.7 11.2 51.2

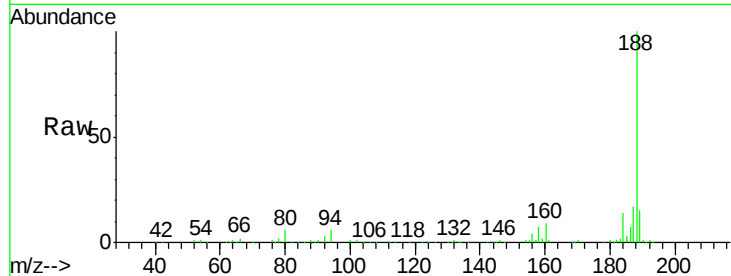




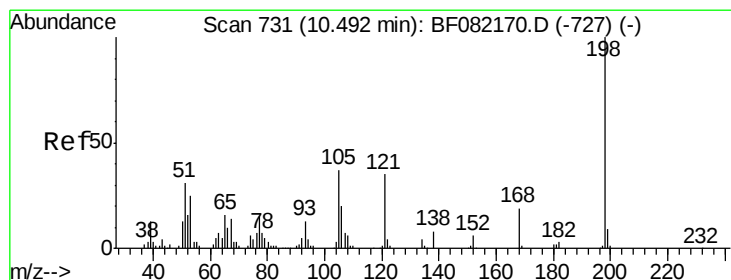
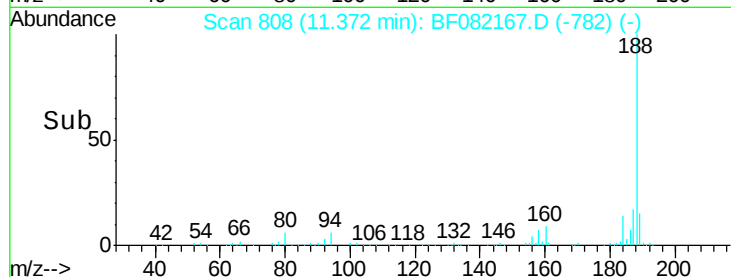
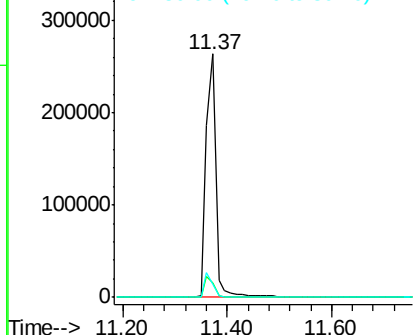
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 347175
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.6
80 5.5 6.4 9.6#

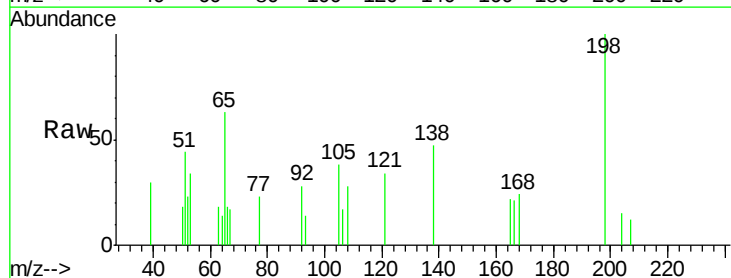


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

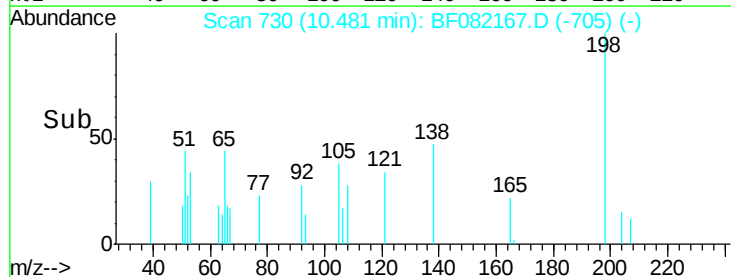
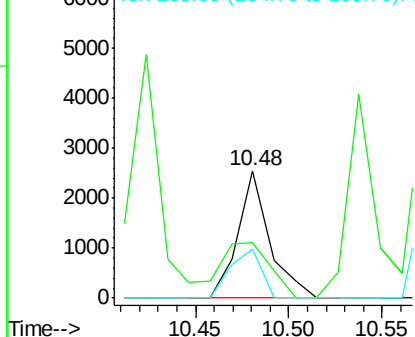


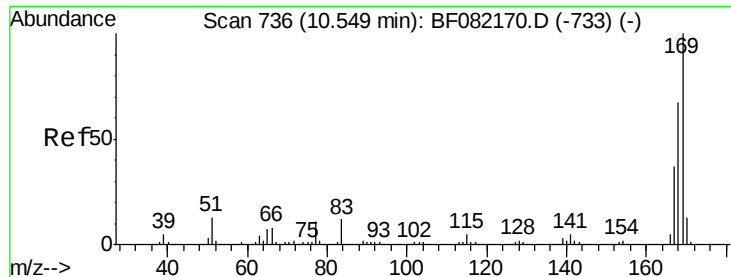
#64
4,6-Dinitro-2-methylphenol
Concen: 1.89 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:198 Resp: 3029
Ion Ratio Lower Upper
198 100
51 43.5 13.6 53.6
105 38.4 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

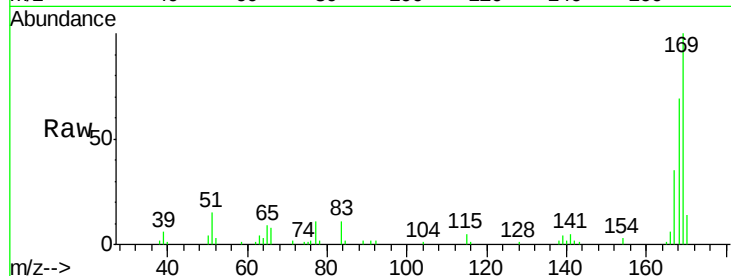




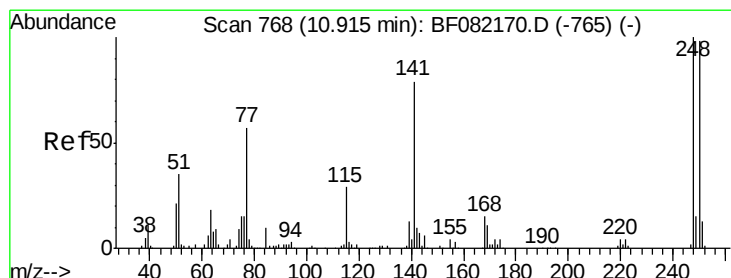
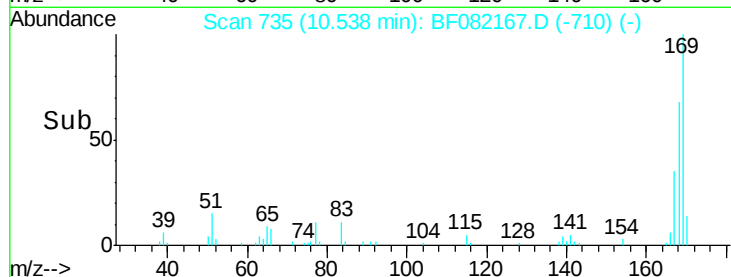
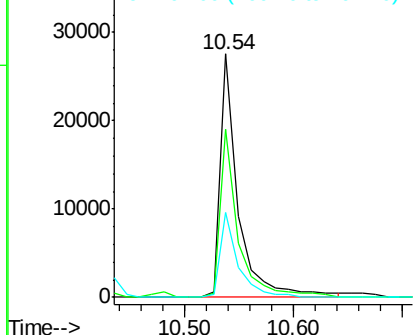
#65
 n-Nitrosodiphenylamine
 Concen: 3.03 ng
 RT: 10.54 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 31761
 Ion Ratio Lower Upper
 169 100
 168 68.9 54.0 81.0
 167 34.7 29.6 44.4

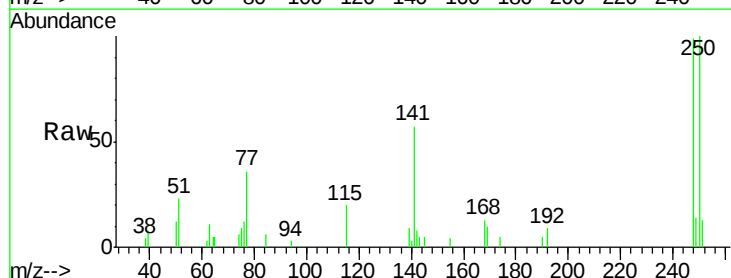


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

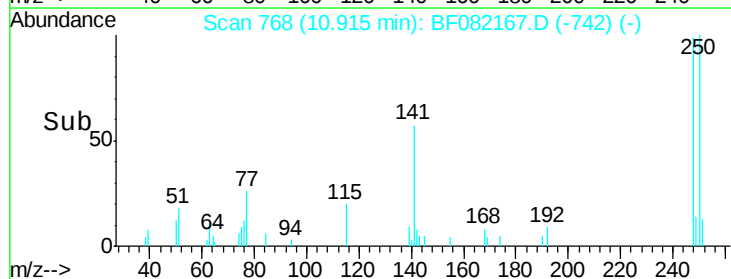
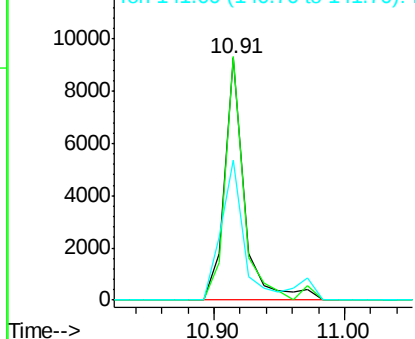


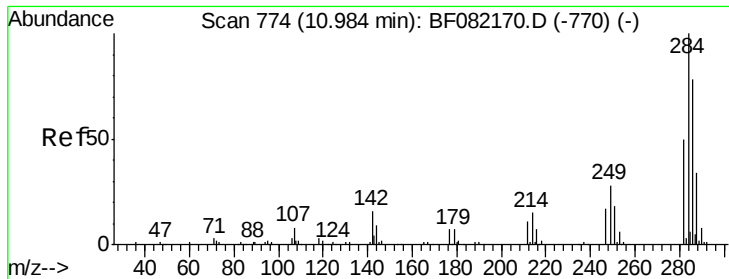
#66
 4-Bromophenyl-phenylether
 Concen: 2.82 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:248 Resp: 9884
 Ion Ratio Lower Upper
 248 100
 250 100.7 78.6 117.8
 141 57.7 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

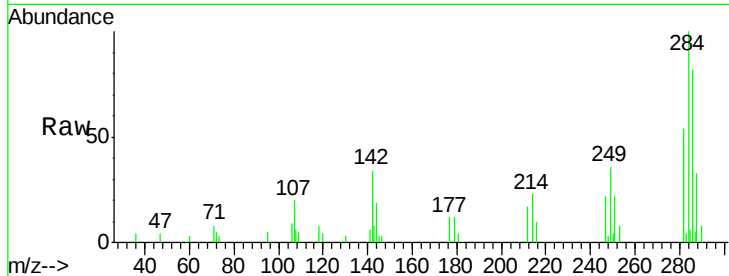




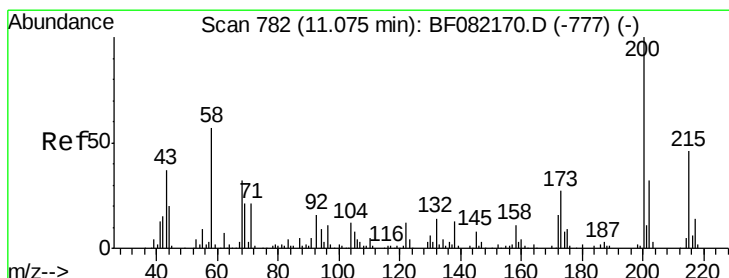
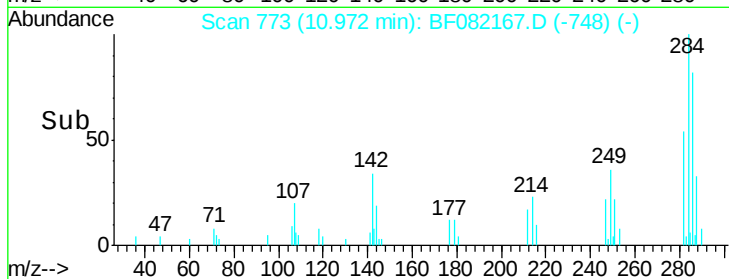
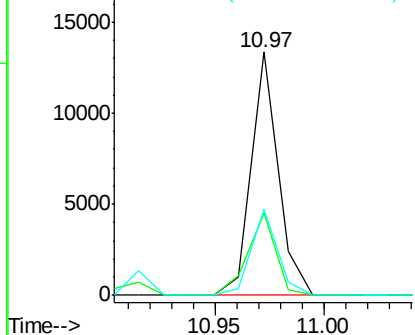
#67
Hexachlorobenzene
Concen: 2.94 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 11493
Ion Ratio Lower Upper
284 100
142 33.6 13.0 19.6#
249 35.5 22.5 33.7#

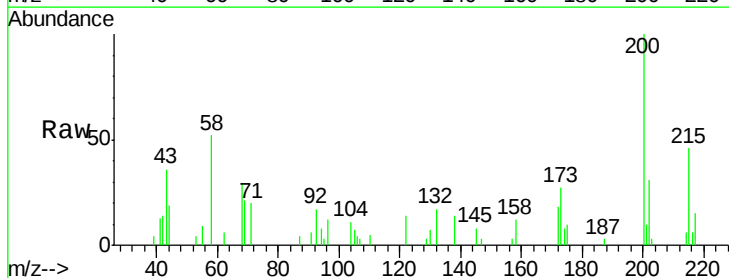


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

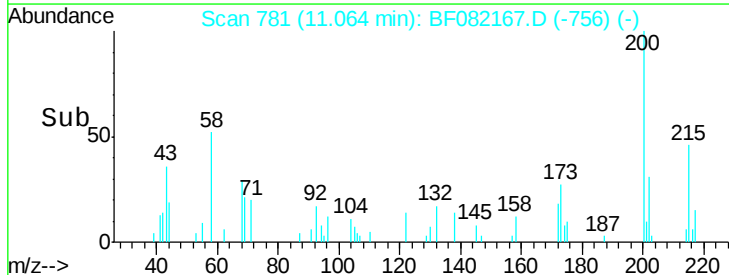
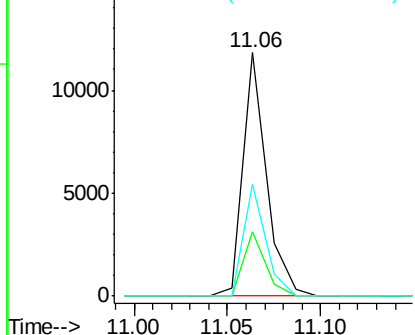


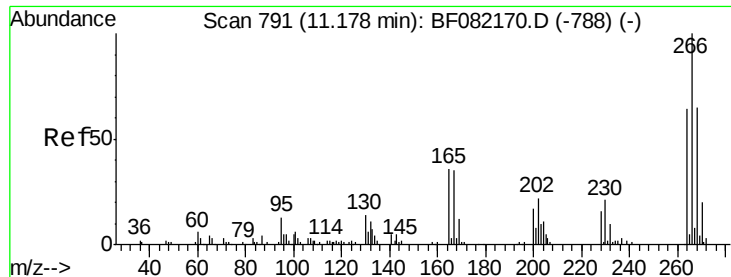
#68
Atrazine
Concen: 3.20 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:200 Resp: 10345
Ion Ratio Lower Upper
200 100
173 26.6 7.3 47.3
215 45.9 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

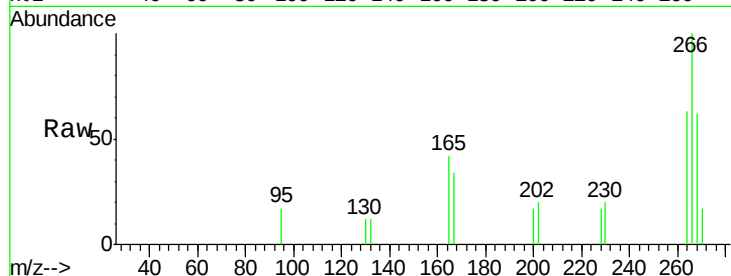




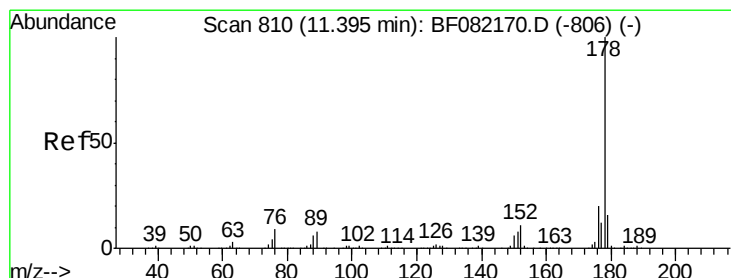
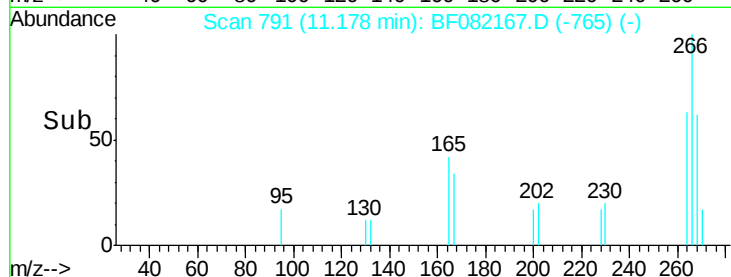
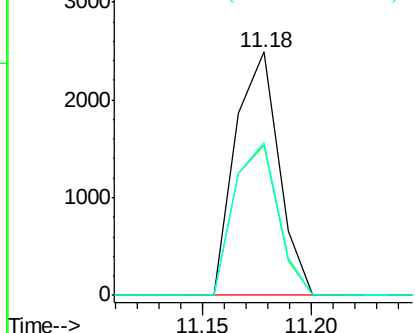
#69
 Pentachlorophenol
 Concen: 1.55 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 3442
 Ion Ratio Lower Upper
 266 100
 268 61.6 52.0 78.0
 264 62.9 51.4 77.0

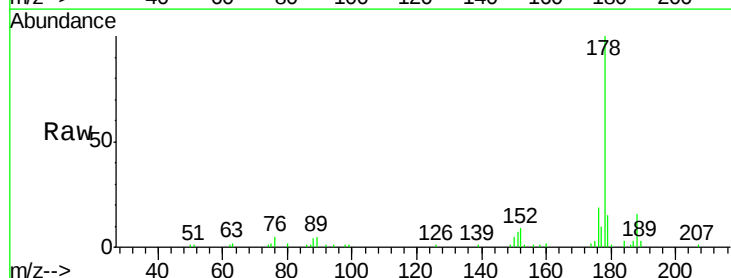


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

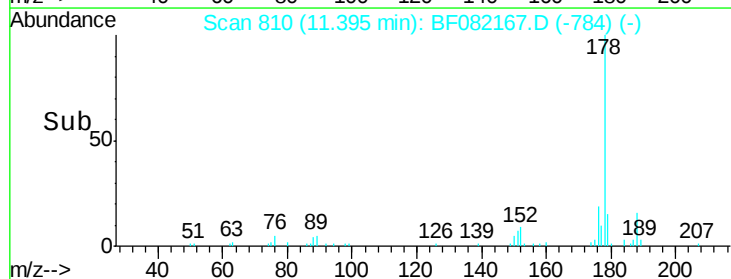
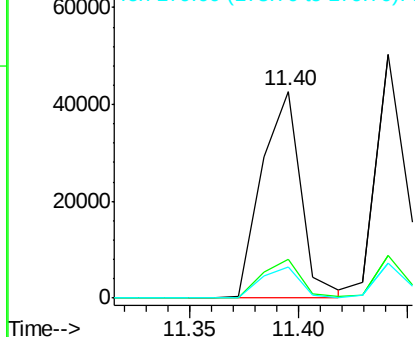


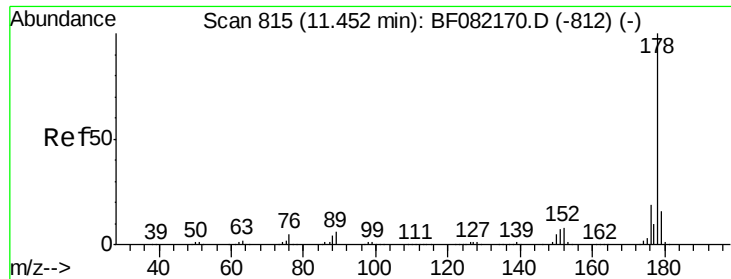
#70
 Phenanthrene
 Concen: 2.95 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:178 Resp: 53680
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 15.2 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

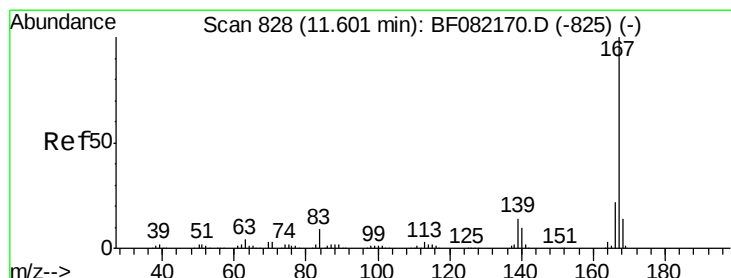
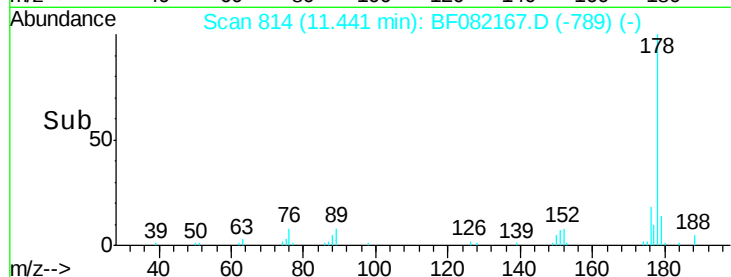
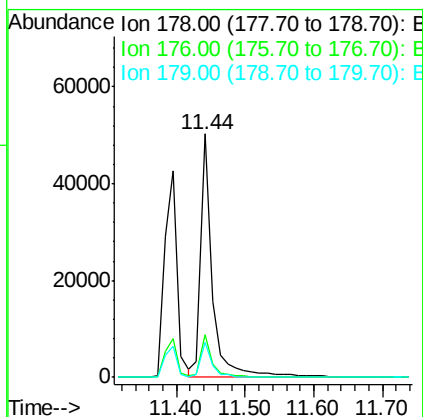
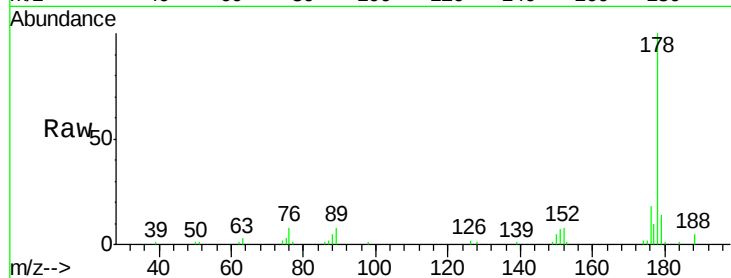




#71
 Anthracene
 Concen: 3.32 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

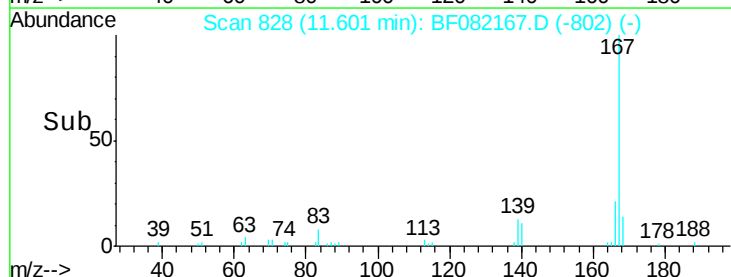
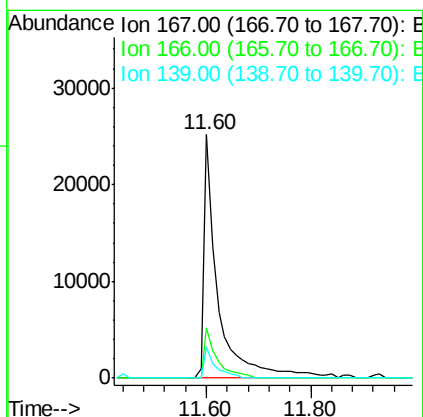
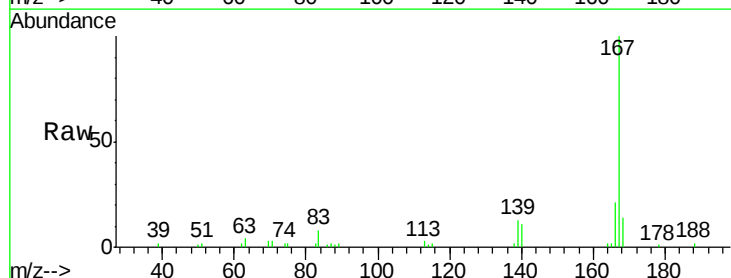
Instrument :
 BNA_F
 ClientSampleId :

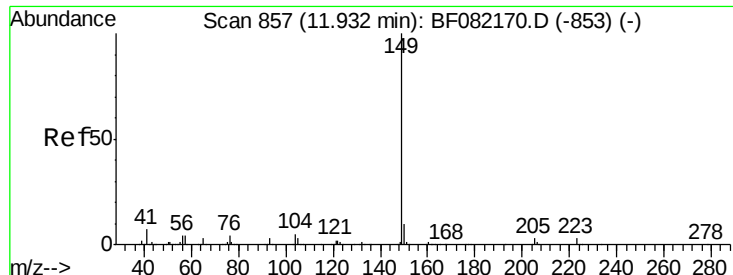
Tot Ion:178 Resp: 59020
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.4 23.0
 179 14.5 12.5 18.7



#72
 Carbazole
 Concen: 2.97 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:167 Resp: 47250
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.3 25.9
 139 12.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 3.31 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

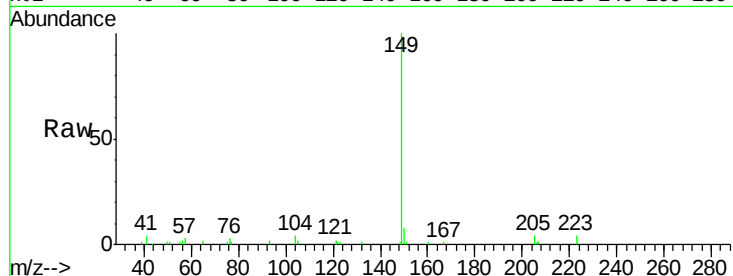
Tot Ion:149 Resp: 60261

Ion Ratio Lower Upper

149 100

150 8.3 7.8 11.6

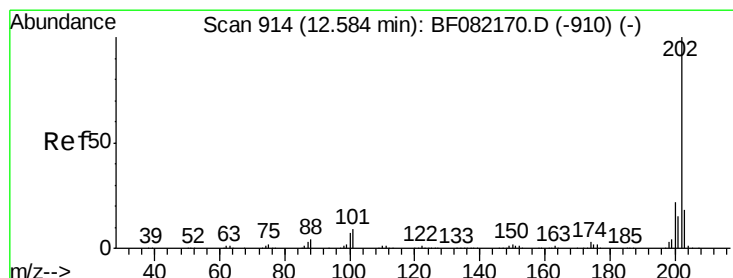
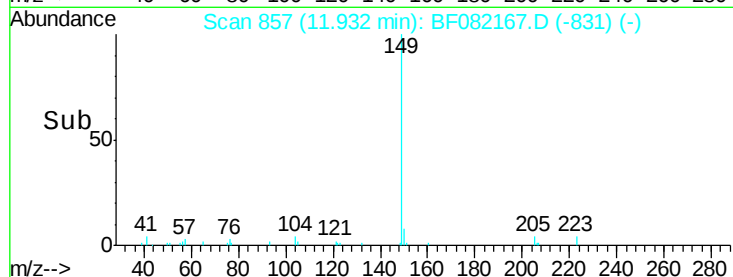
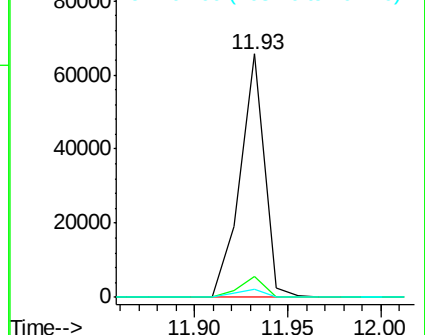
104 3.6 3.8 5.8#



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: 2.94 ng

RT: 12.57 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

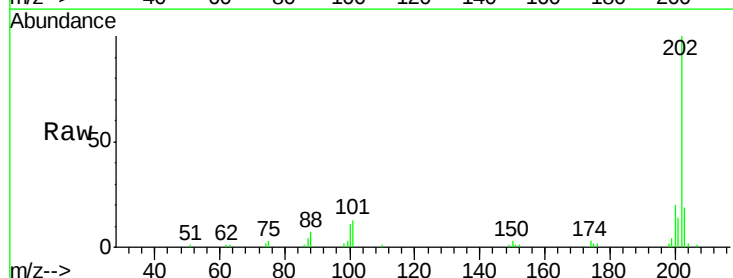
Tgt Ion:202 Resp: 55341

Ion Ratio Lower Upper

202 100

101 12.9 0.0 29.3

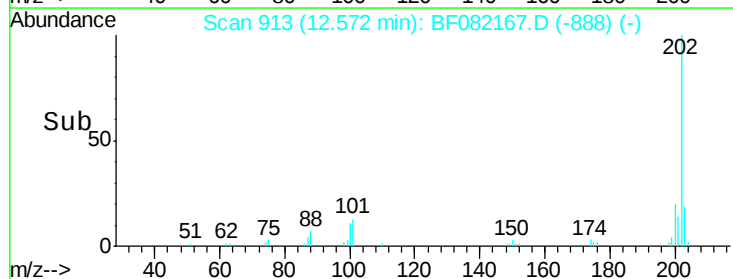
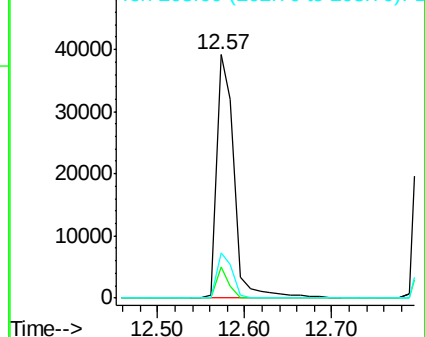
203 18.5 0.0 37.8

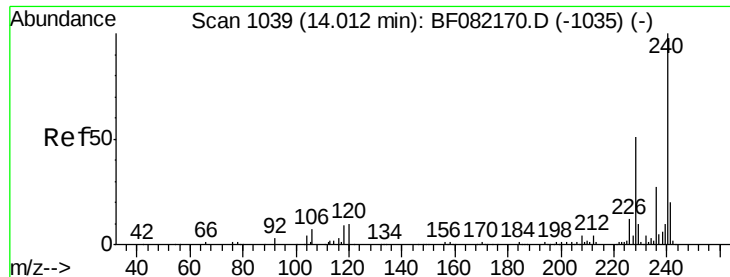


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

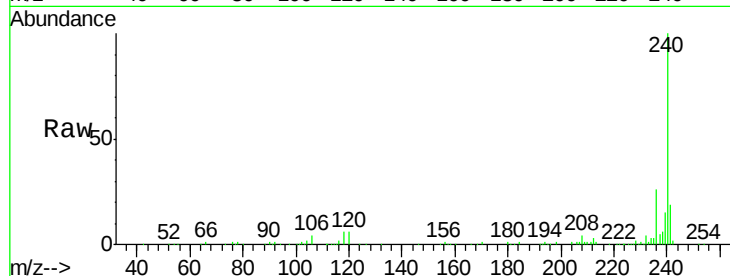
Tot Ion:240 Resp: 335663

Ion Ratio Lower Upper

240 100

120 6.4 8.1 12.1#

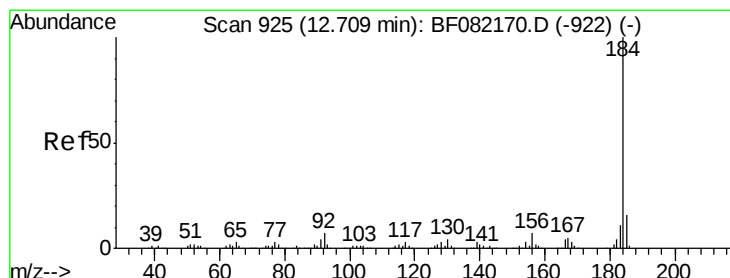
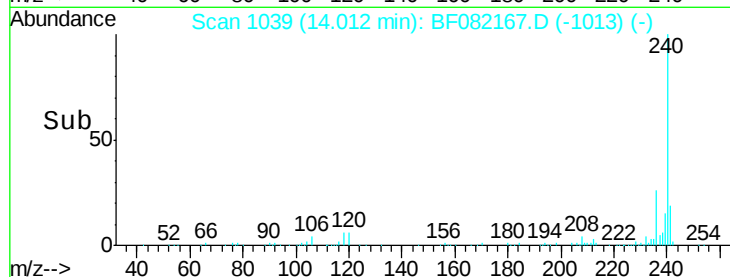
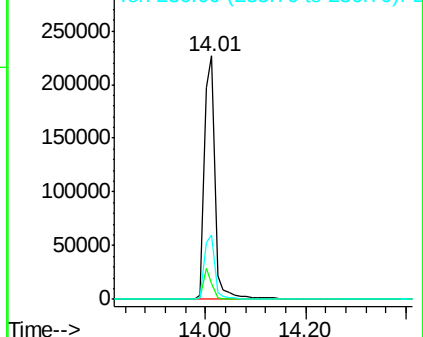
236 26.2 21.3 31.9



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: 2.52 ng

RT: 12.72 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

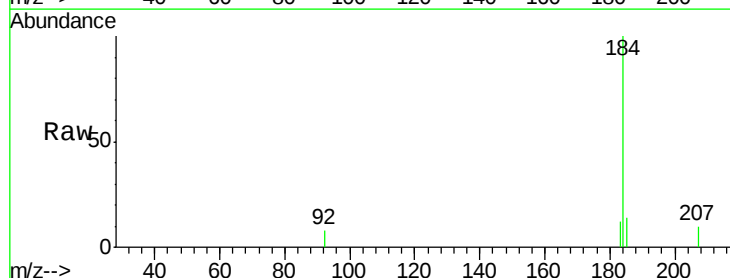
Tgt Ion:184 Resp: 25084

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

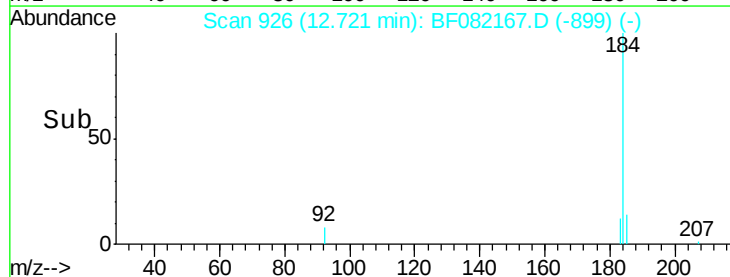
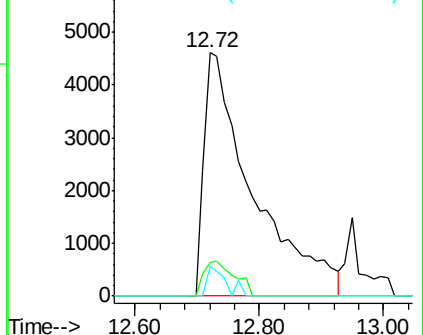
183 12.4 9.1 13.7

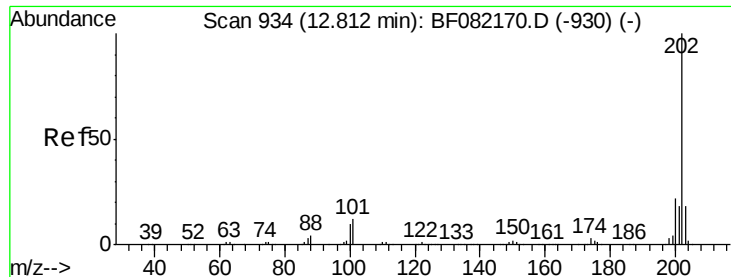


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

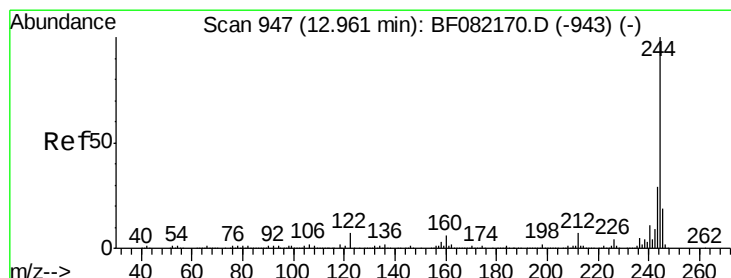
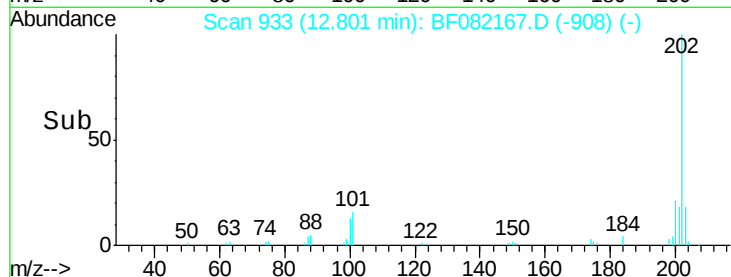
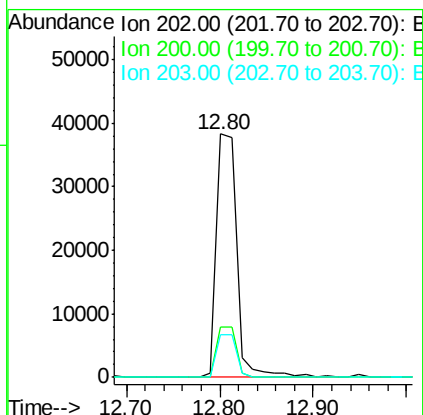
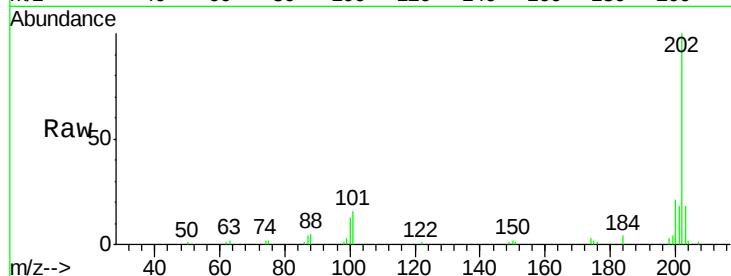




#77
Pvrene
Concen: 2.92 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

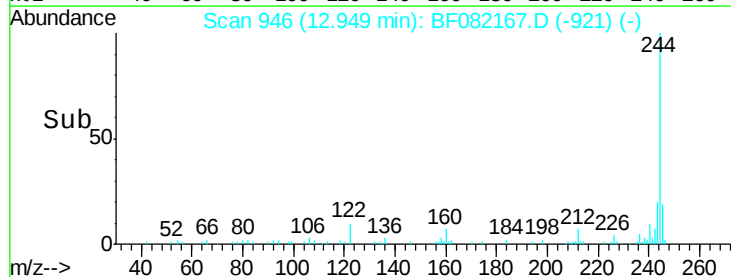
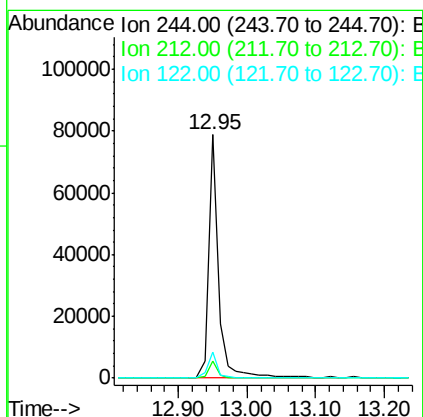
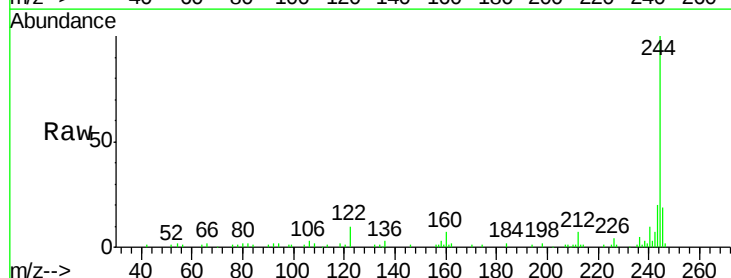
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 57845
Ion Ratio Lower Upper
202 100
200 20.7 17.9 26.9
203 17.7 14.5 21.7



#78
Terphenyl-d14
Concen: 6.62 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:244 Resp: 79401
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.5 5.9 8.9#

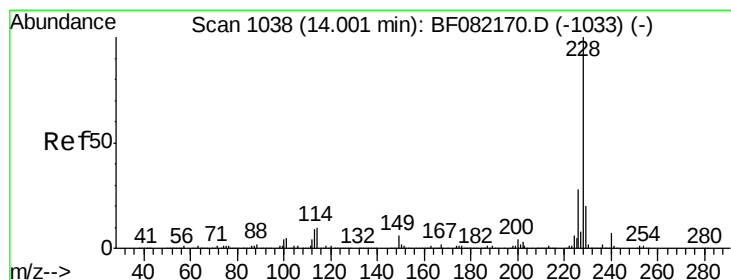
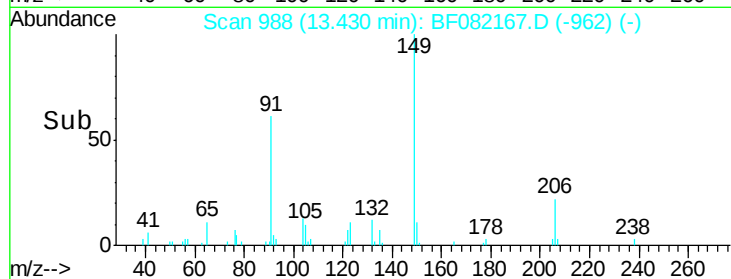
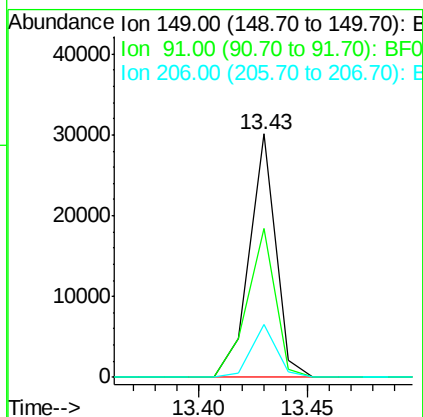
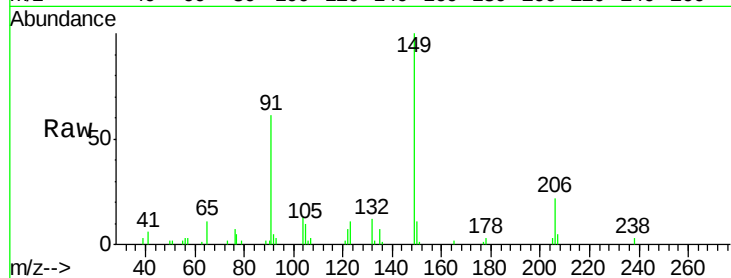




#79
 Butylbenzylphthalate
 Concen: 3.33 ng
 RT: 13.43 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

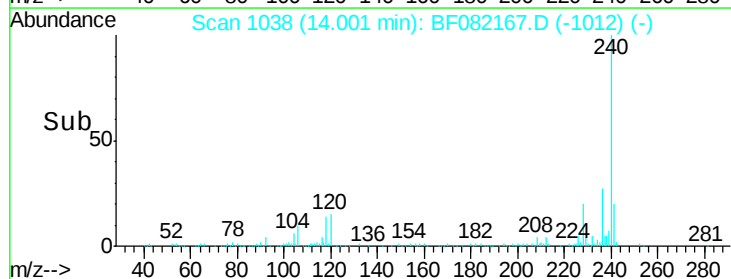
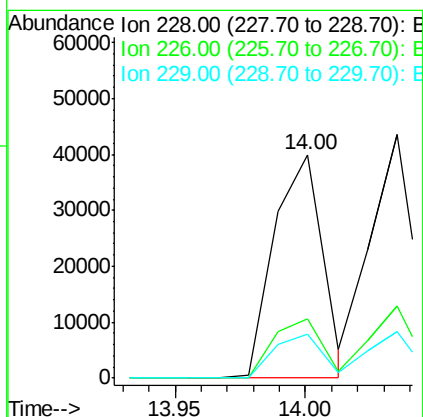
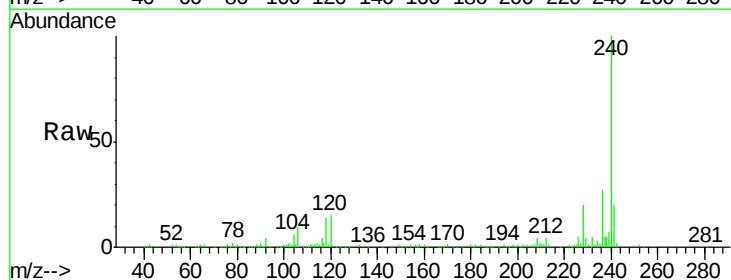
Instrument :
 BNA_F
 ClientSampleId :

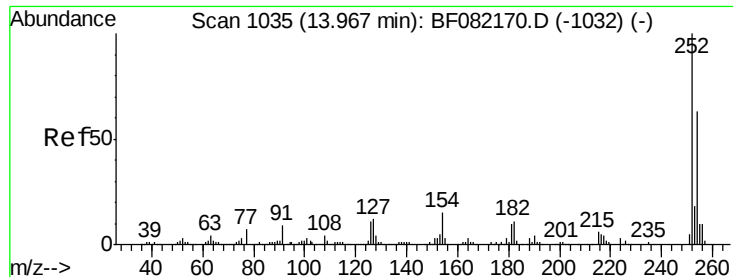
Tot Ion:149 Resp: 25370
 Ion Ratio Lower Upper
 149 100
 91 61.0 55.7 83.5
 206 21.7 15.6 23.4



#80
 Benzo(a)anthracene
 Concen: 2.88 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:228 Resp: 51605
 Ion Ratio Lower Upper
 228 100
 226 26.7 22.3 33.5
 229 19.6 16.2 24.2

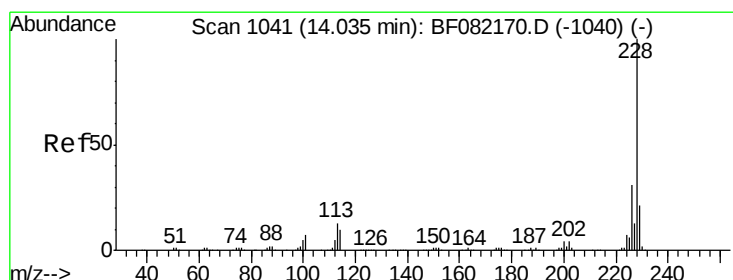
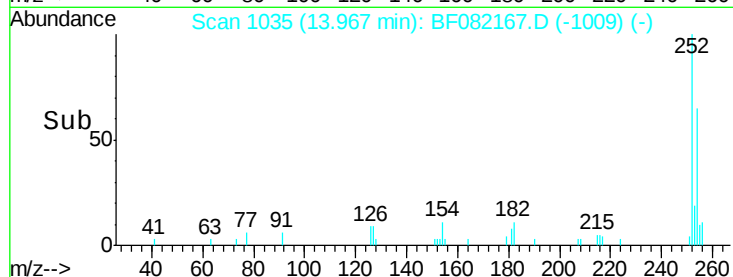
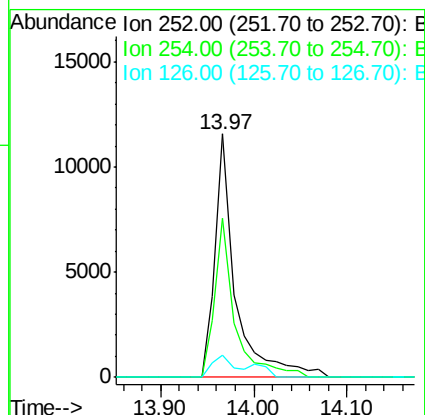
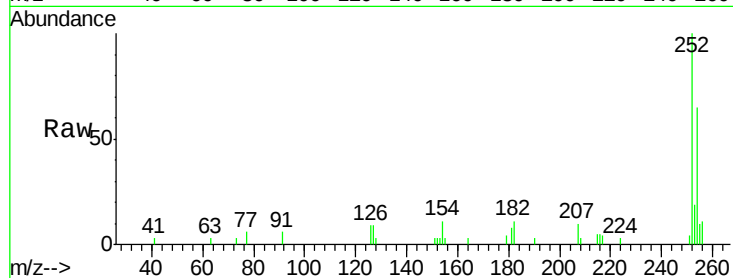




#81
 3,3'-Dichlorobenzidine
 Concen: 2.91 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

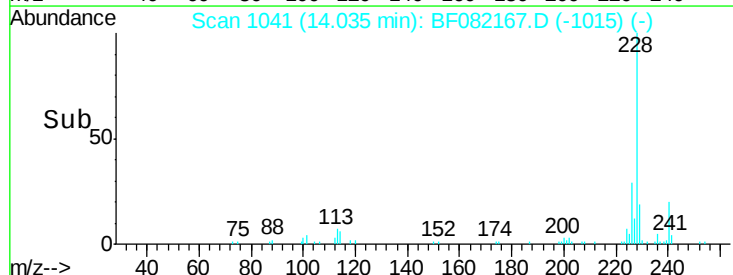
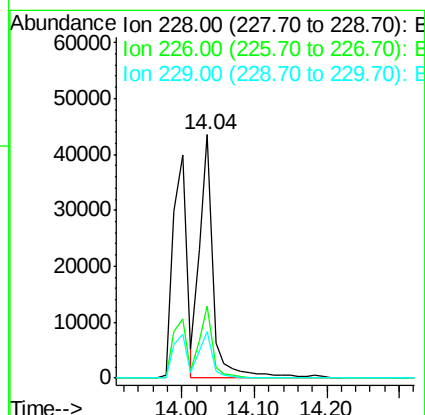
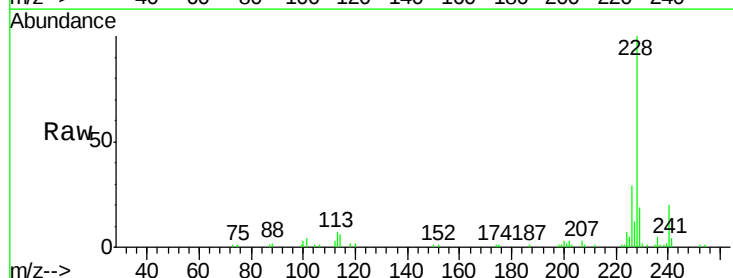
Instrument :
 BNA_F
 ClientSampleId :

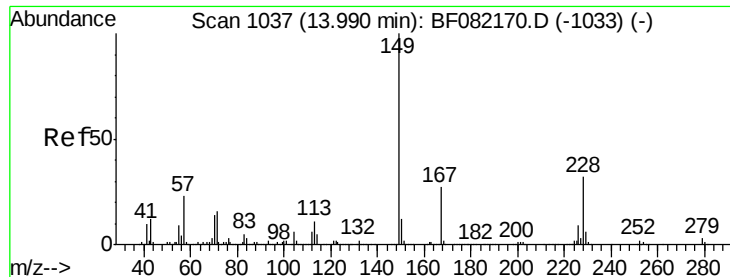
Tot Ion:252 Resp: 17713
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 9.2 9.0 13.6



#82
 Chrysene
 Concen: 3.34 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:228 Resp: 57297
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.4 36.6
 229 19.1 16.3 24.5

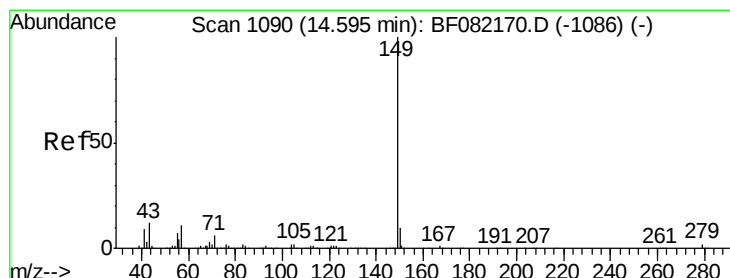
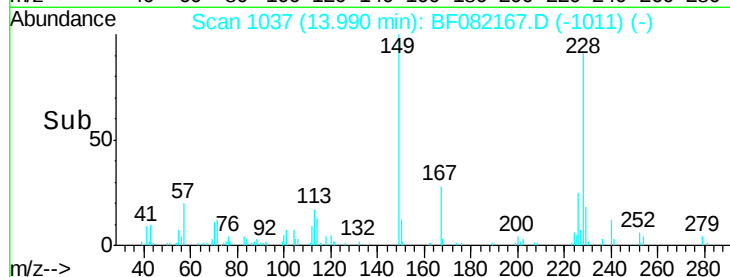
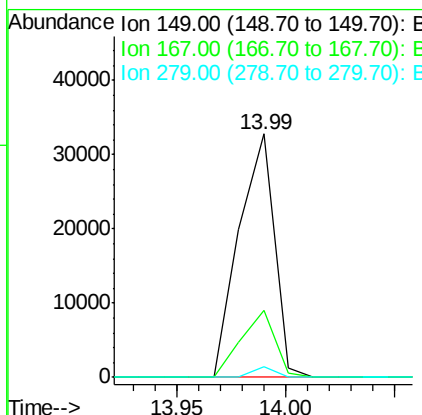
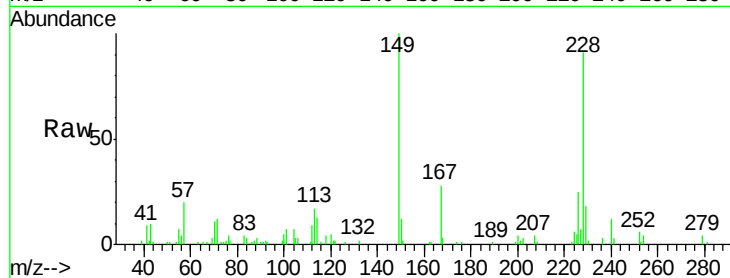




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.73 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

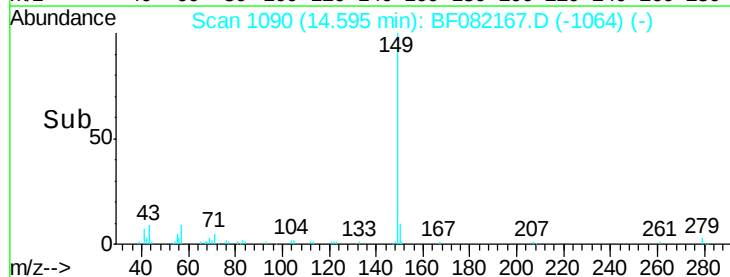
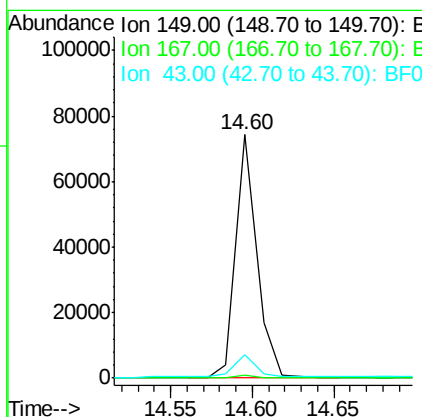
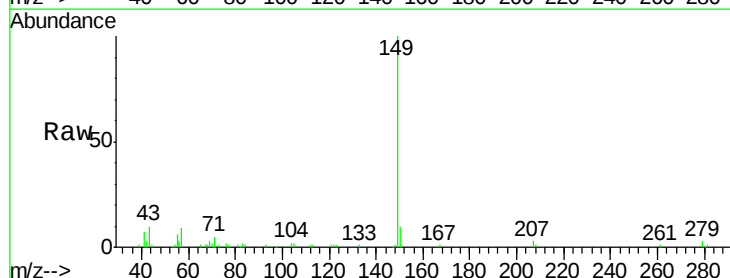
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 37007
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 4.2 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 4.09 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Tgt Ion:149 Resp: 66225
 Ion Ratio Lower Upper
 149 100
 167 1.1 1.3 1.9#
 43 10.0 7.4 11.2

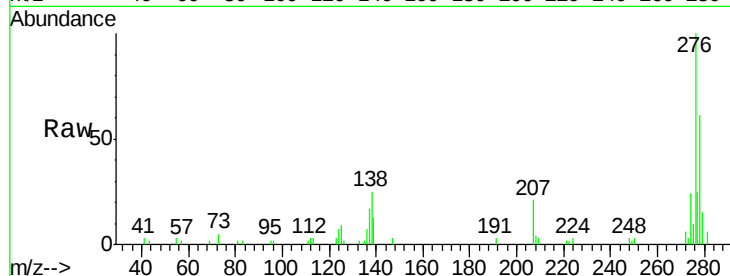




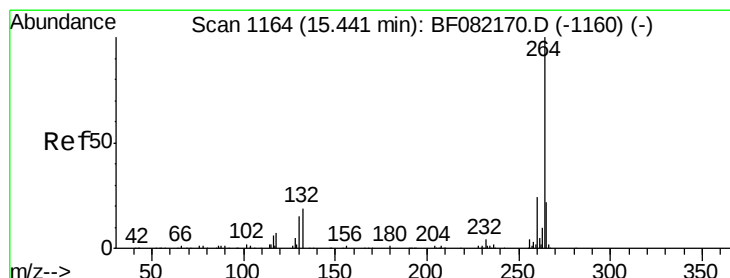
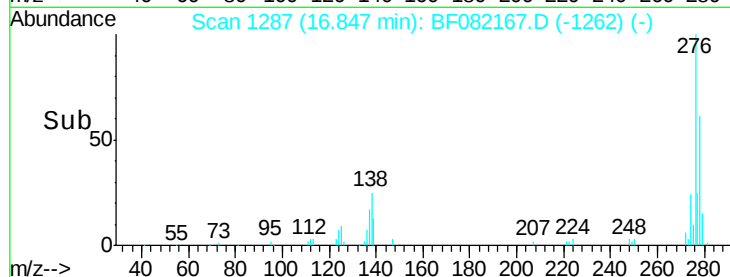
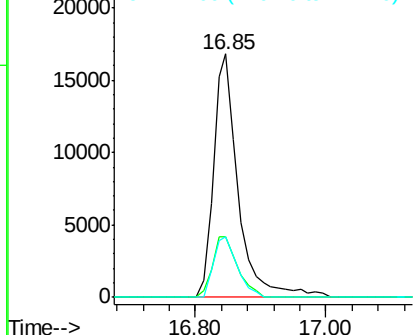
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 44375
Ion Ratio Lower Upper
276 100
138 25.2 19.7 29.5
277 23.8 20.1 30.1

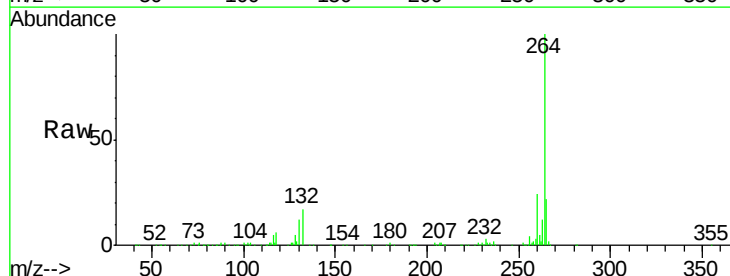


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

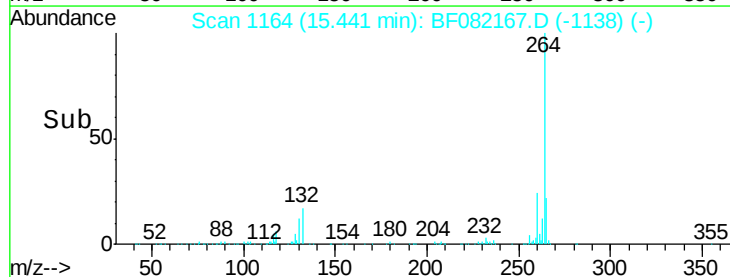
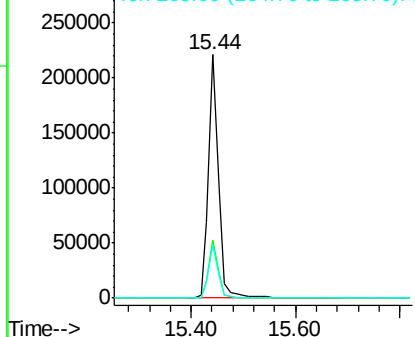


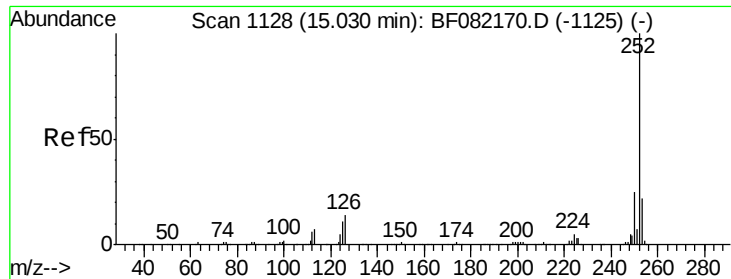
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:264 Resp: 295048
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

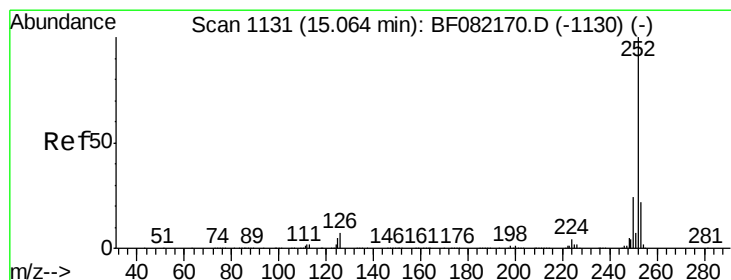
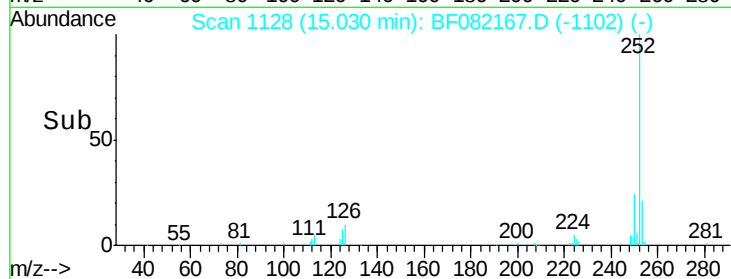
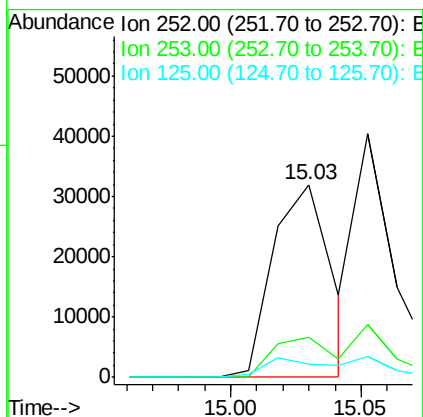
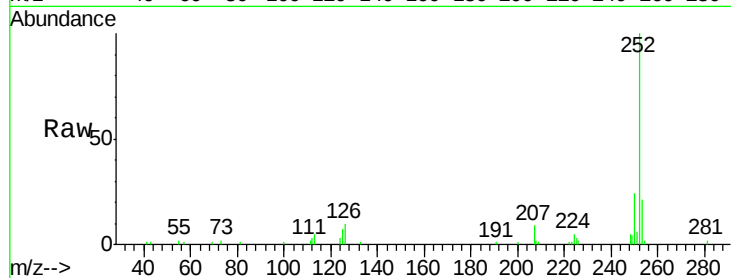




#87
Benzo(b)fluoranthene
Concen: 2.85 ng
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

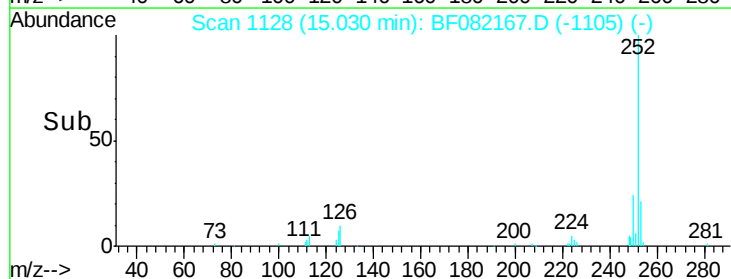
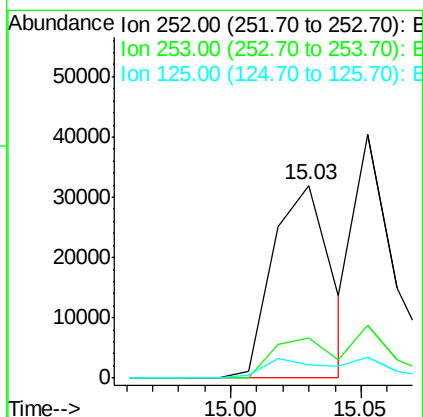
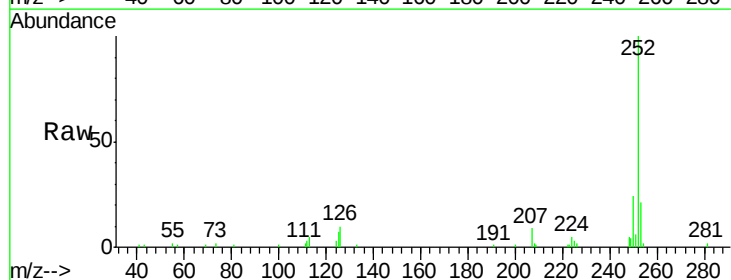
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 49179
Ion Ratio Lower Upper
252 100
253 20.8 18.0 27.0
125 6.7 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 3.22 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF082167.D
Acq: 10 Oct 2015 10:31

Tgt Ion:252 Resp: 49179
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.6
125 6.7 6.7 10.1





#89

Benzo(a)pyrene

Concen: 3.18 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

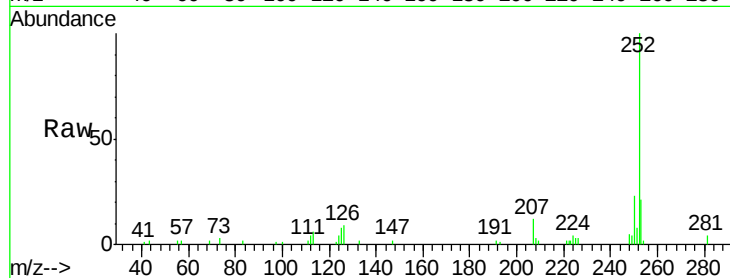
Tot Ion:252 Resp: 46756

Ion Ratio Lower Upper

252 100

253 20.6 18.2 27.2

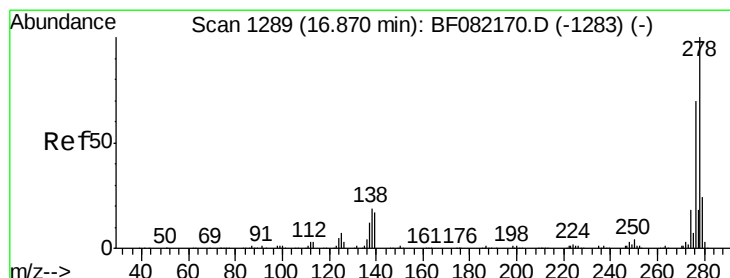
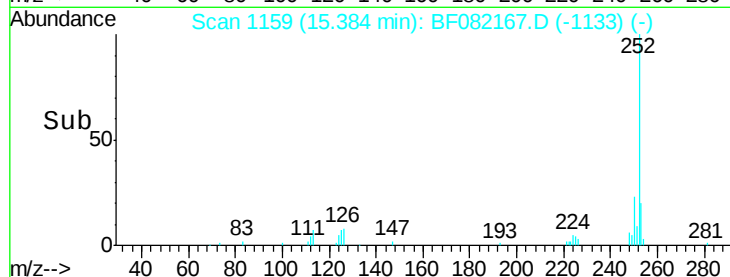
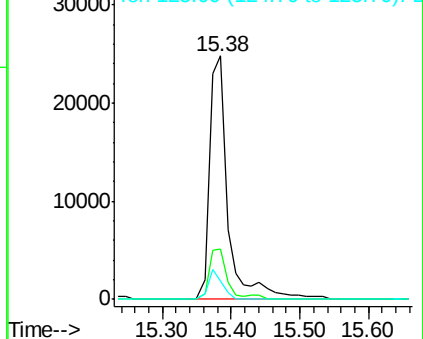
125 7.7 8.9 13.3#



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: 2.92 ng

RT: 16.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF082167.D

Acq: 10 Oct 2015 10:31

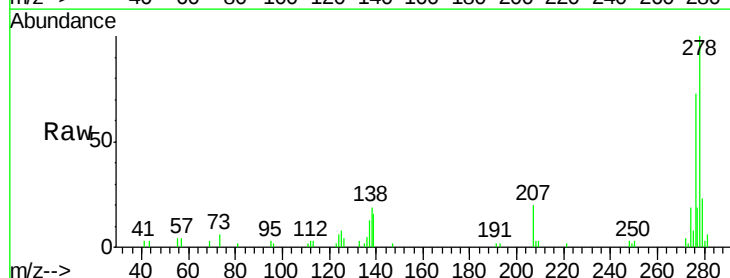
Tgt Ion:278 Resp: 35828

Ion Ratio Lower Upper

278 100

139 15.5 13.3 19.9

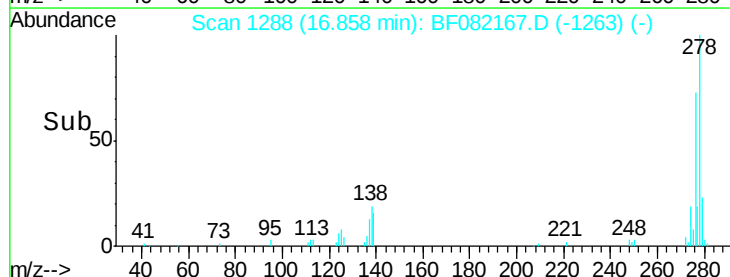
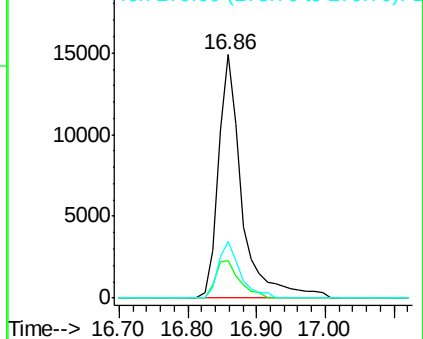
279 23.3 18.9 28.3

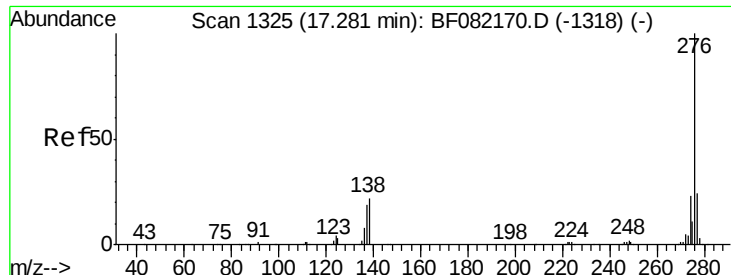


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.90 ng
 RT: 17.27 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF082167.D
 Acq: 10 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276	Resp:	36142
Ion Ratio	Lower	Upper
276	100	
277	23.2	18.8 28.2
138	20.9	17.4 26.2

