

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082170.D
 Acq On : 10 Oct 2015 12:02
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:56:18 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	102184	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	410193	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	211054	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	390036	20.00	ng	0.00
75) Chrysene-d12	14.01	240	355667	20.00	ng	0.00
86) Perylene-d12	15.44	264	281944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	421329	75.29	ng	0.00
7) Phenol-d6	6.48	99	544499	76.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	498145	80.54	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	148758	70.35	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1067141	79.93	ng	0.00
78) Terphenyl-d14	12.96	244	1047171	82.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	95361	39.00	ng	100
3) Pyridine	3.14	79	232447	37.24	ng	100
4) n-Nitrosodimethylamine	3.11	42	103941	36.39	ng	100
6) Aniline	6.50	93	352007	37.22	ng	100
8) 2-Chlorophenol	6.63	128	241353	38.72	ng	100
9) Benzaldehyde	6.39	77	145288	32.11	ng	100
10) Phenol	6.49	94	325051	40.77	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	260981	41.50	ng	100
12) 1,3-Dichlorobenzene	6.78	146	284867	38.72	ng	100
13) 1,4-Dichlorobenzene	6.86	146	302227	39.29	ng	100
14) 1,2-Dichlorobenzene	7.01	146	260692	38.04	ng	100
15) Benzyl Alcohol	6.98	79	188522	37.13	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	334573	38.43	ng	100
17) 2-Methylphenol	7.10	107	193322	38.44	ng	100
18) Hexachloroethane	7.35	117	100232	41.21	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	178643	41.28	ng	100
20) 3+4-Methylphenols	7.26	107	226550	35.89	ng	100
22) Acetophenone	7.26	105	317676	38.10	ng	100
24) Nitrobenzene	7.43	77	239356	36.42	ng	100
25) Isophorone	7.67	82	476790	39.13	ng	100
26) 2-Nitrophenol	7.75	139	147010	45.19	ng	100
27) 2,4-Dimethylphenol	7.78	122	204895	36.88	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	305862	41.54	ng	100
29) 2,4-Dichlorophenol	7.99	162	226626	41.12	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	242908	39.70	ng	100
31) Naphthalene	8.15	128	683530	37.56	ng	100
32) Benzoic acid	7.92	122	138812	45.00	ng	100
33) 4-Chloroaniline	8.21	127	310588	39.65	ng	100
34) Hexachlorobutadiene	8.26	225	150064	41.24	ng	100
35) Caprolactam	8.59	113	65512	42.71	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	206259	38.75	ng	100
37) 2-Methylnaphthalene	8.85	142	499072	40.21	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	235013	36.56	ng	100
40) Hexachlorocyclopentadiene	8.99	237	109626	34.20	ng	100

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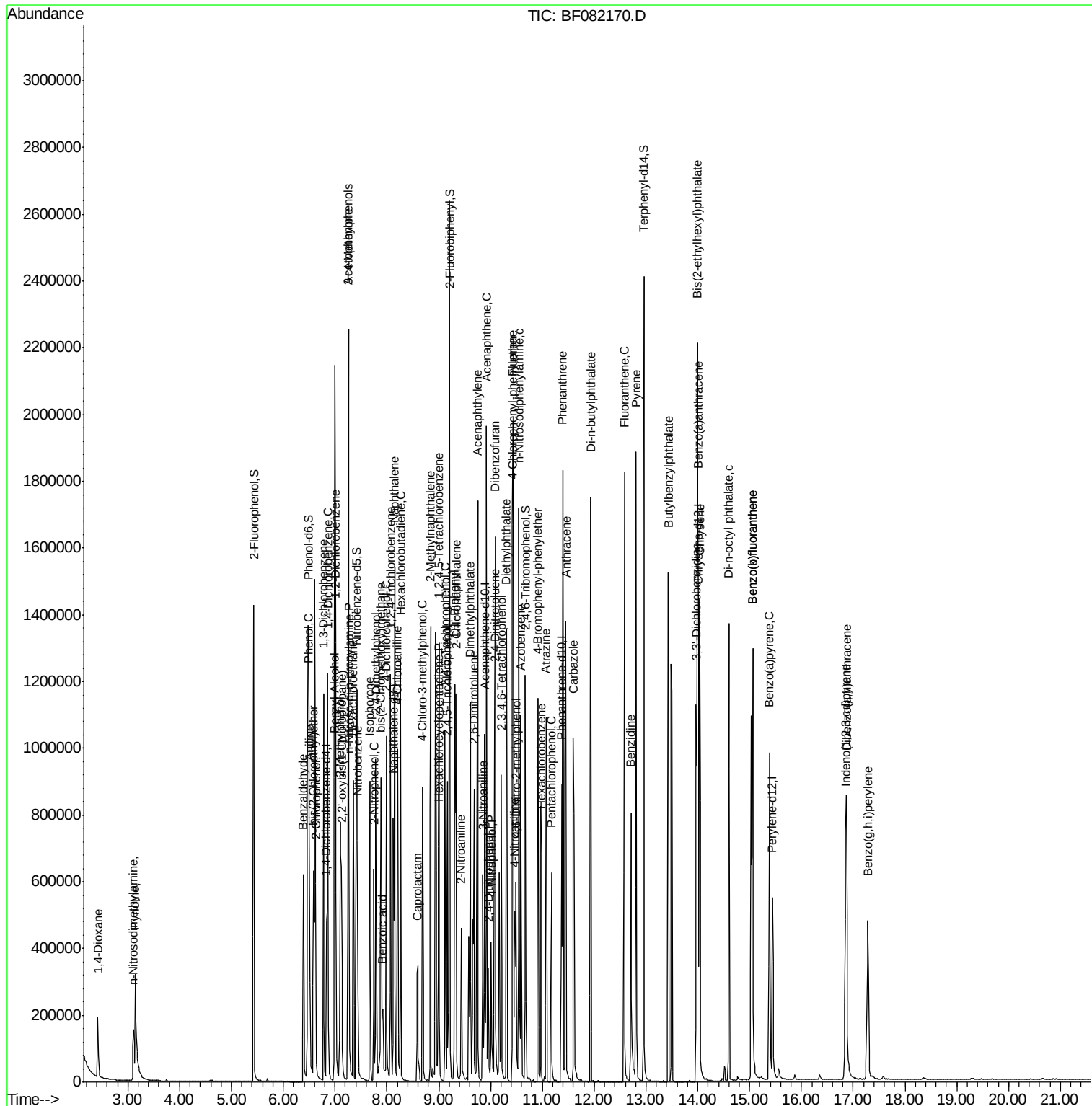
Instrument :
 BNA_F
 ClientSampleId :

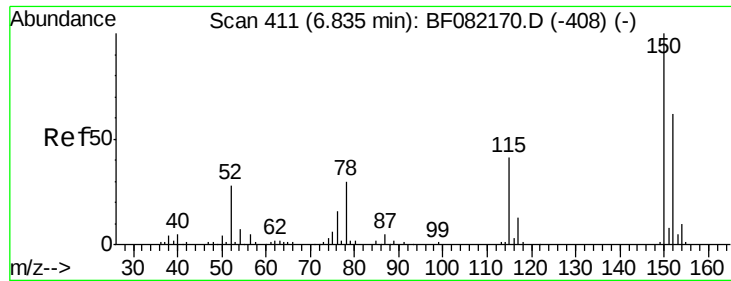
Quant Time: Oct 12 00:56:18 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	154725	35.49	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	176396	38.79	nq	100
45) 1,1'-Biphenyl	9.30	154	586773	36.30	nq	100
46) 2-Chloronaphthalene	9.34	162	489132	38.49	nq	100
47) 2-Nitroaniline	9.43	65	133896	35.96	nq	100
48) Acenaphthylene	9.75	152	767800	37.54	nq	100
49) Dimethylphthalate	9.61	163	523740	36.41	nq	100
50) 2,6-Dinitrotoluene	9.68	165	129100	40.48	nq	100
51) Acenaphthene	9.92	154	470998	38.71	nq	100
52) 3-Nitroaniline	9.85	138	142818	39.33	nq	100
53) 2,4-Dinitrophenol	9.95	184	64416	55.31	nq	100
54) Dibenzofuran	10.09	168	643727	37.41	nq	100
55) 4-Nitrophenol	10.01	139	86159	33.67	nq	100
56) 2,4-Dinitrotoluene	10.08	165	158631	39.44	nq	100
57) Fluorene	10.43	166	518442	37.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	134914	37.48	nq	100
59) Diethylphthalate	10.31	149	528409	38.94	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	228432	36.45	nq	100
61) 4-Nitroaniline	10.47	138	142424	38.74	nq	100
62) Azobenzene	10.58	77	503373	38.02	nq	100
64) 4,6-Dinitro-2-methylphenol	10.49	198	96257	53.53	nq	100
65) n-Nitrosodiphenylamine	10.55	169	458423	38.88	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	151142	38.40	nq	100
67) Hexachlorobenzene	10.98	284	166813	37.96	nq	100
68) Atrazine	11.07	200	133522	36.74	nq	100
69) Pentachlorophenol	11.18	266	96071	38.49	nq	100
70) Phenanthrene	11.39	178	714640	35.00	nq	100
71) Anthracene	11.45	178	810420	40.53	nq	100
72) Carbazole	11.60	167	694629	38.84	nq	100
73) Di-n-butylphthalate	11.93	149	871312	42.62	nq	100
74) Fluoranthene	12.58	202	832032	39.36	nq	100
76) Benzidine	12.71	184	422273	40.11	nq	100
77) Pyrene	12.81	202	808843	38.60	nq	100
79) Butylbenzylphthalate	13.43	149	363049	44.98	nq	100
80) Benzo(a)anthracene	14.00	228	709573	37.37	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	272833	42.27	nq	100
82) Chrysene	14.04	228	680592	37.40	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	543237	51.69	nq	100
84) Di-n-octyl phthalate	14.60	149	883412	51.45	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	551031	37.26	nq	100
87) Benzo(b)fluoranthene	15.06	252	1266674	76.83	nq	# 98
88) Benzo(k)fluoranthene	15.06	252	1268697	86.94	nq	100
89) Benzo(a)pyrene	15.38	252	566452	40.35	nq	100
90) Dibenzo(a,h)anthracene	16.87	278	459410	39.18	nq	100
91) Benzo(g,h,i)perylene	17.28	276	431417	36.24	nq	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

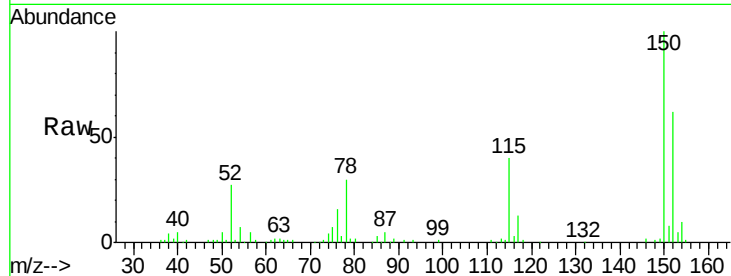
Tot Ion:152 Resp: 102184

Ion Ratio Lower Upper

152 100

150 161.2 129.0 193.4

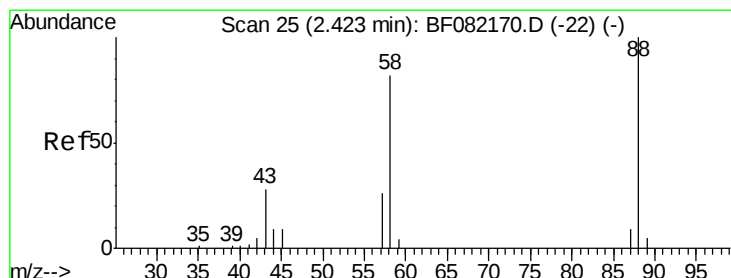
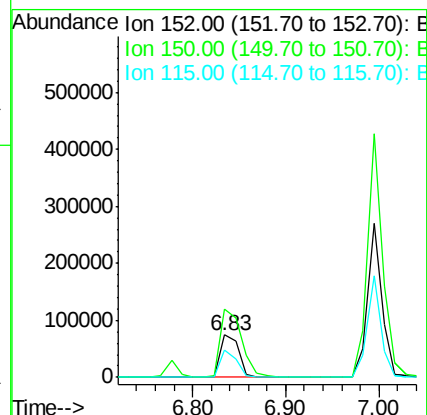
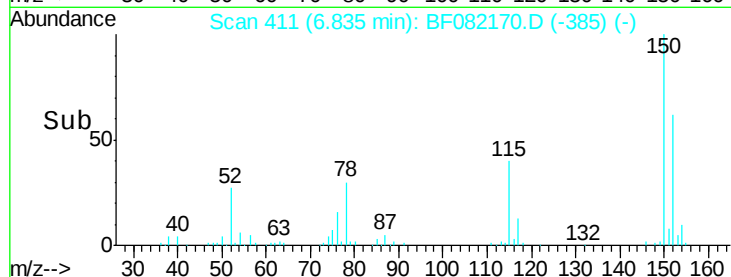
115 65.1 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.00 ng

RT: 2.42 min Scan# 25

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

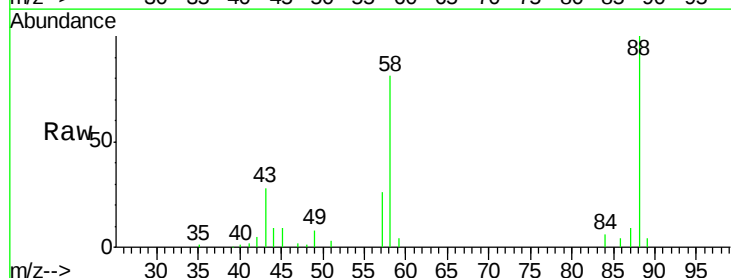
Tgt Ion: 88 Resp: 95361

Ion Ratio Lower Upper

88 100

58 82.8 66.2 99.4

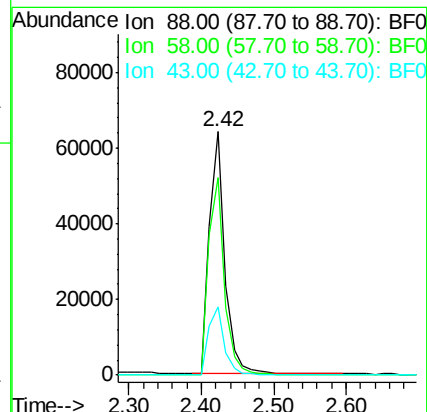
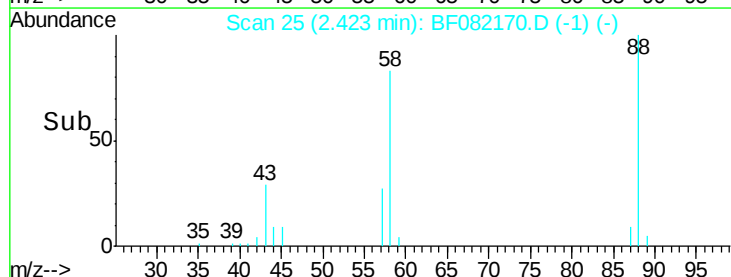
43 28.7 23.0 34.4

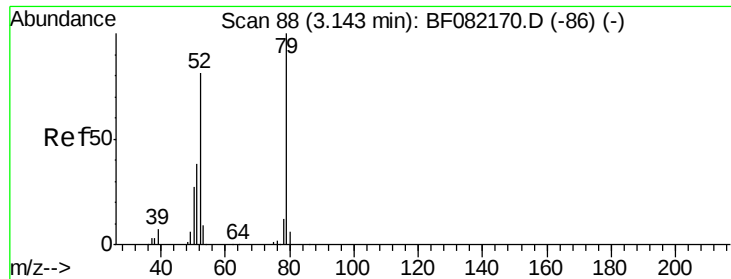


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.24 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

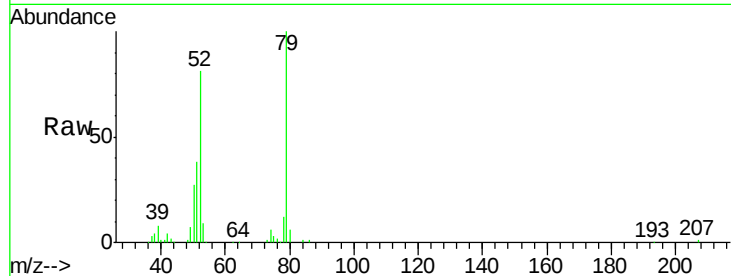
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 232447

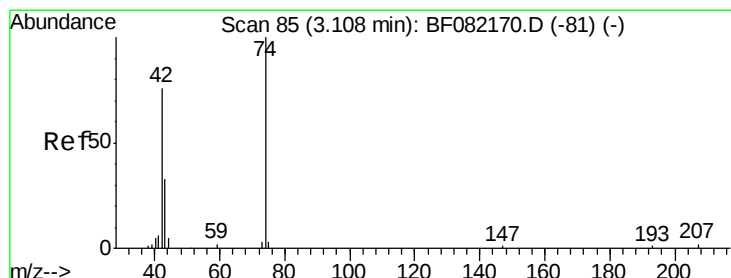
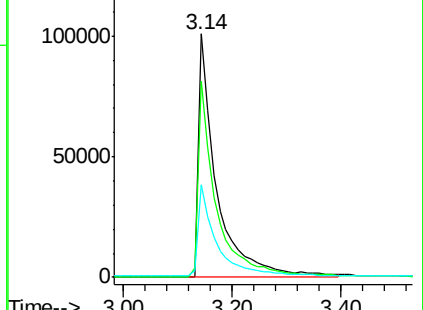
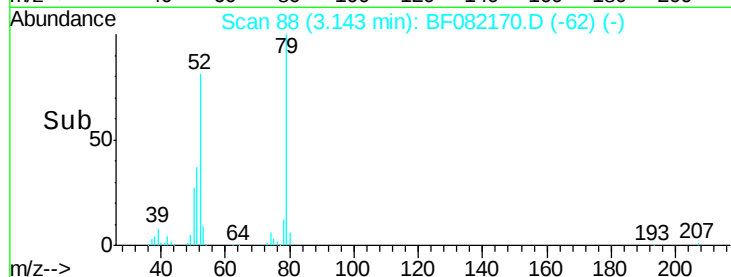
Ion	Ratio	Lower	Upper
79	100		
52	80.5	64.4	96.6
51	38.1	30.5	45.7



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: 36.39 ng

RT: 3.11 min Scan# 85

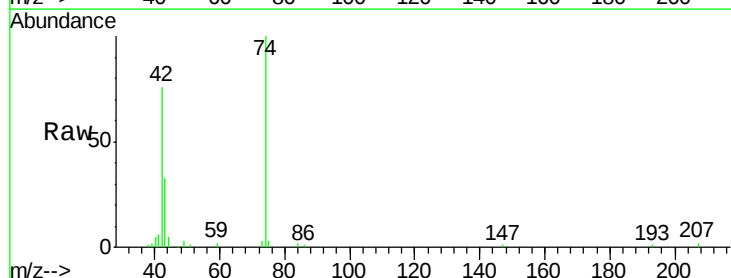
Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Tgt Ion: 42 Resp: 103941

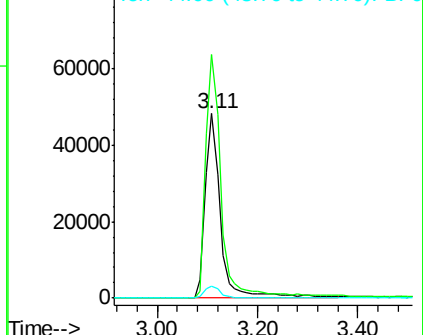
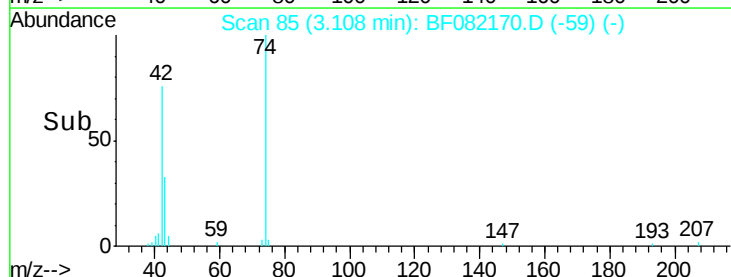
Ion	Ratio	Lower	Upper
42	100		
74	132.1	105.7	158.5
44	6.8	5.4	8.2

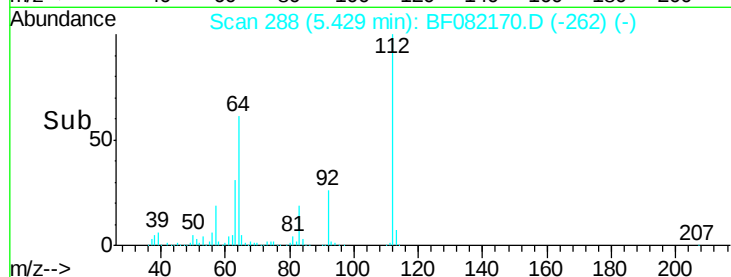
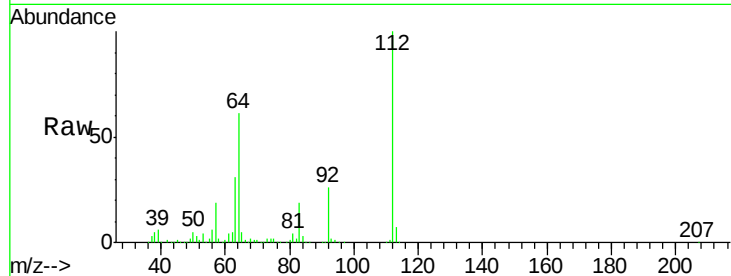
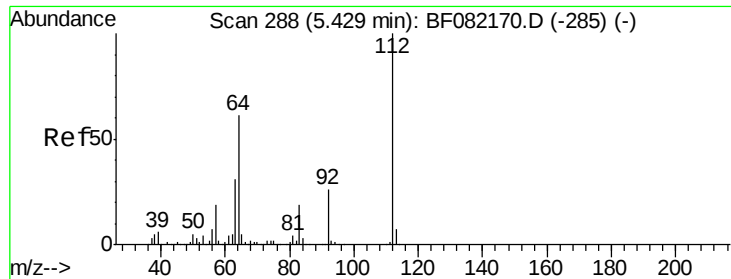


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.29 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

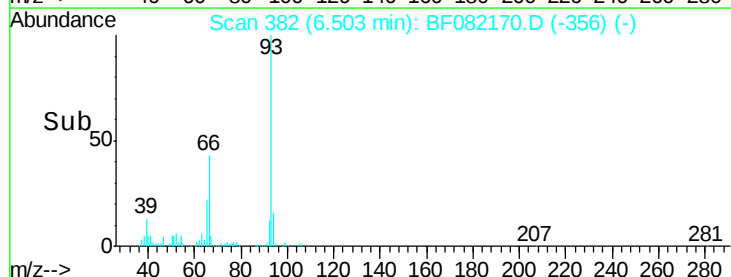
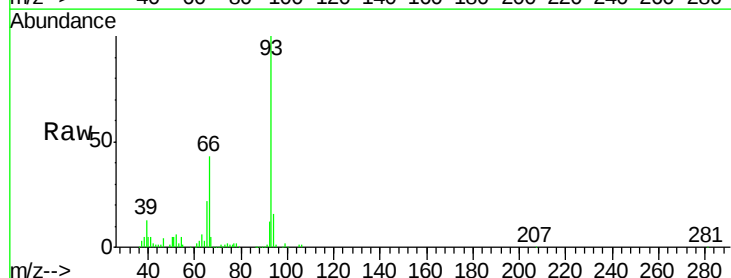
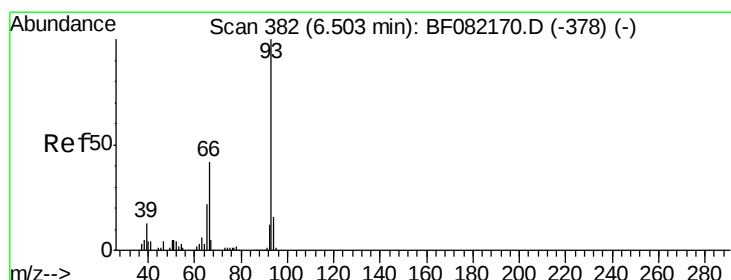
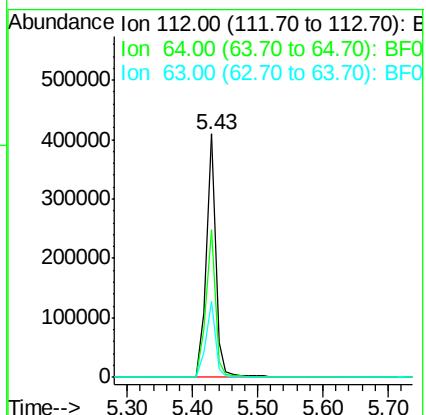
Tot Ion:112 Resp: 421329

Ion Ratio Lower Upper

112 100

64 60.8 48.6 73.0

63 31.4 25.1 37.7



#6

Aniline

Concen: 37.22 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

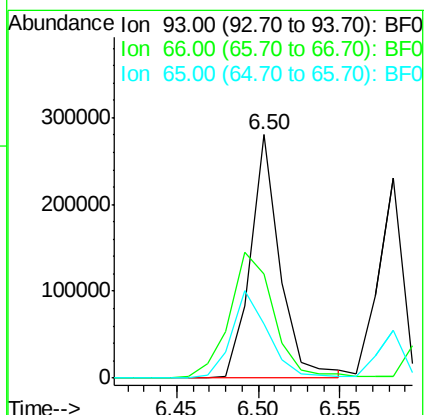
Tgt Ion: 93 Resp: 352007

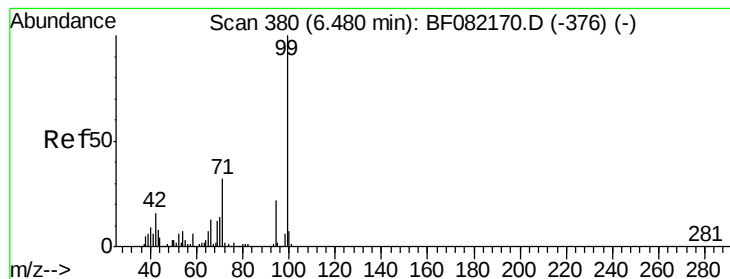
Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.2

65 22.4 17.9 26.9





#7

Phenol-d6

Concen: 76.89 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampled :

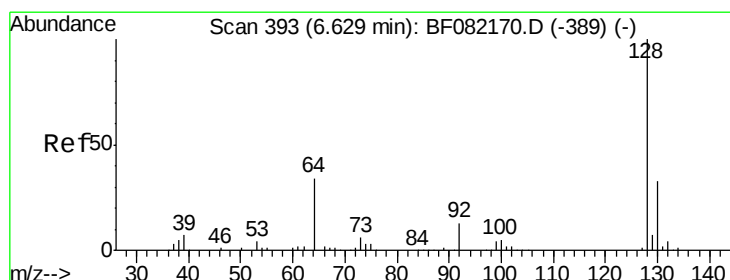
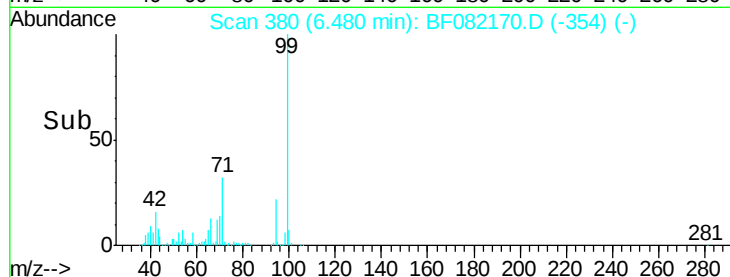
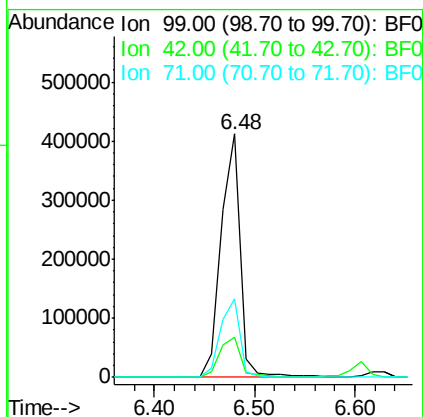
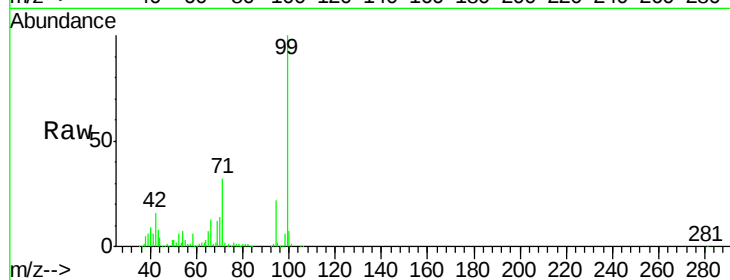
Tot Ion: 99 Resp: 544499

Ion Ratio Lower Upper

99 100

42 16.5 13.2 19.8

71 32.0 25.6 38.4



#8

2-Chlorophenol

Concen: 38.72 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

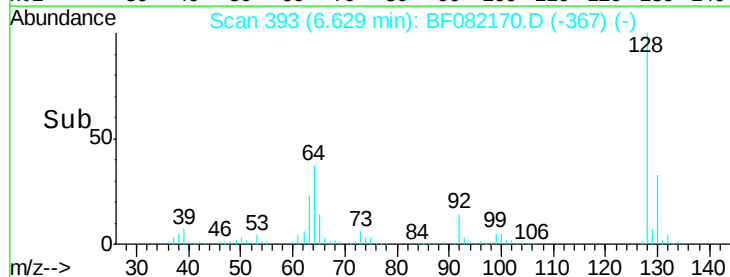
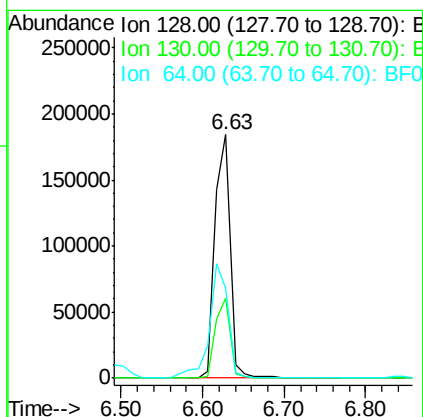
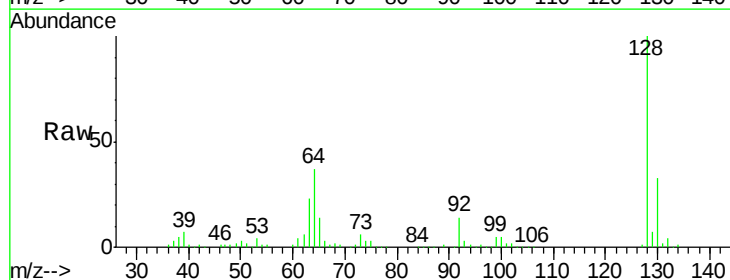
Tgt Ion: 128 Resp: 241353

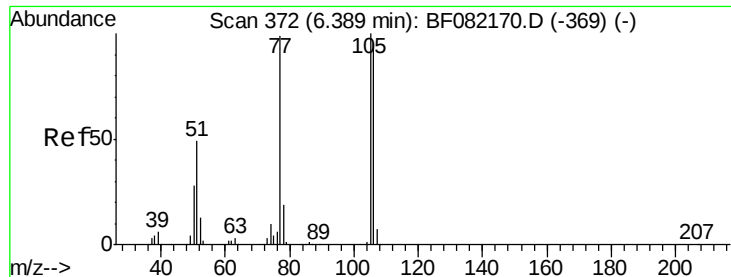
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 36.7 16.7 56.7

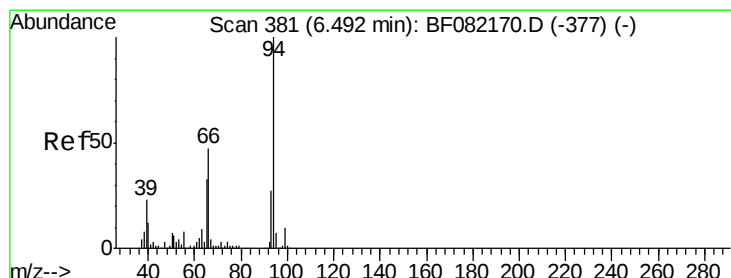
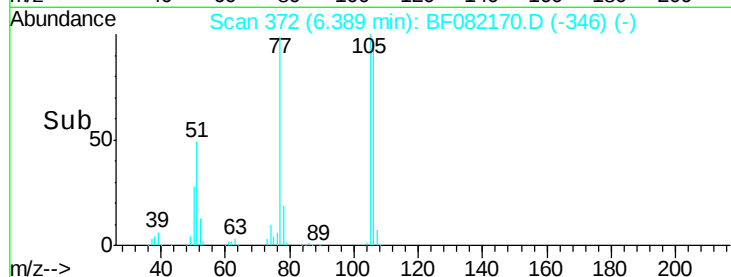
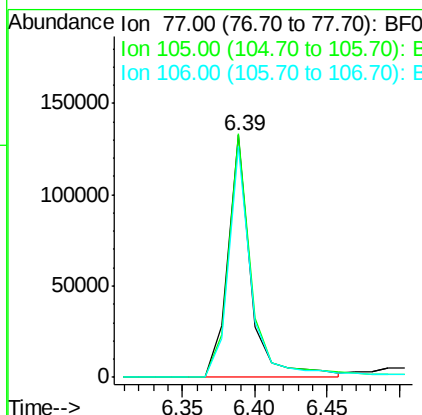
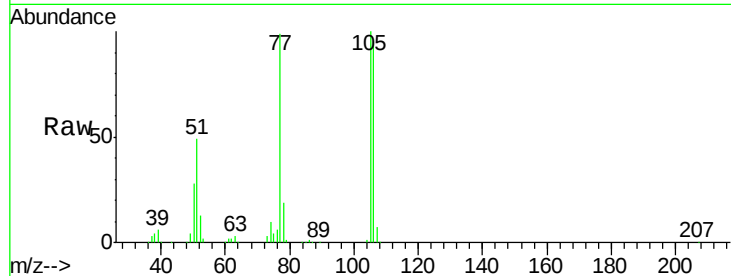




#9
Benzaldehyde
Concen: 32.11 ng
RT: 6.39 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

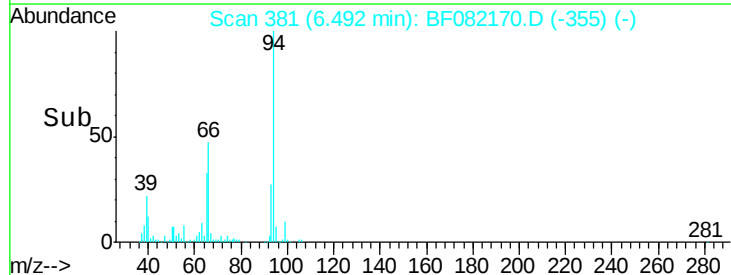
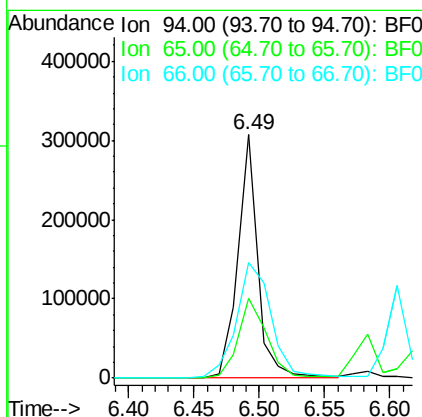
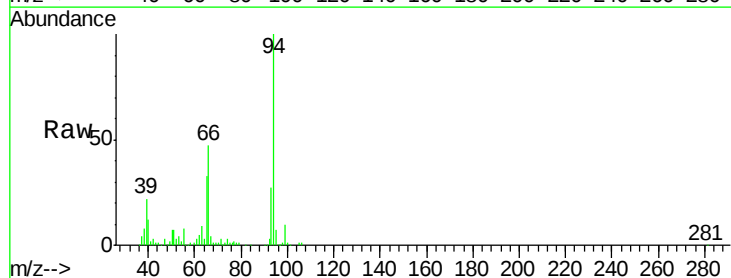
Instrument :
BNA_F
ClientSampleId :

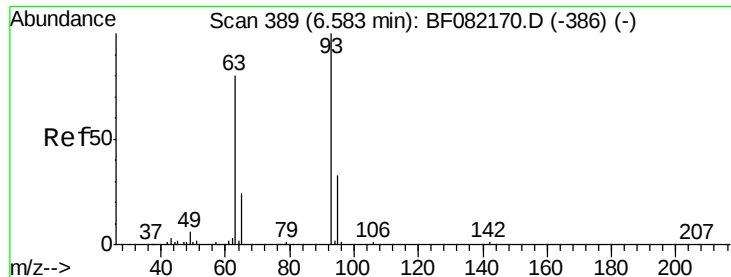
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.6	80.6	120.6
106	95.5	75.5	115.5



#10
Phenol
Concen: 40.77 ng
RT: 6.49 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	12.6	52.6
66	47.3	27.3	67.3

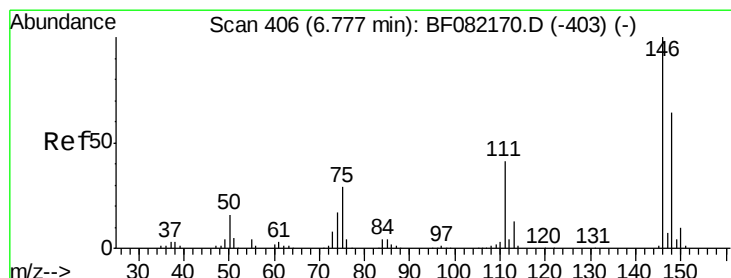
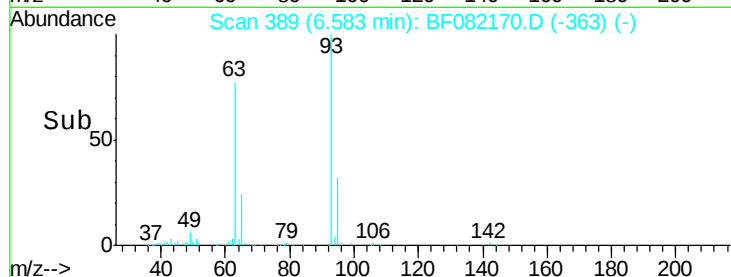
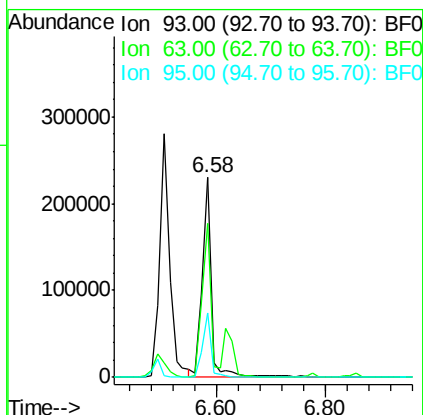
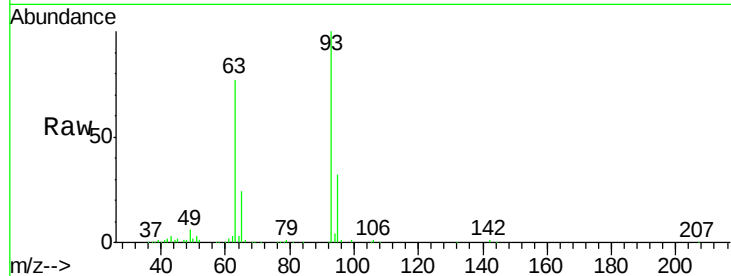




#11
bis(2-Chloroethyl)ether
Concen: 41.50 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

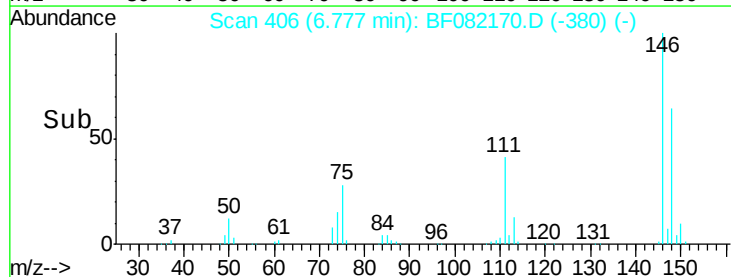
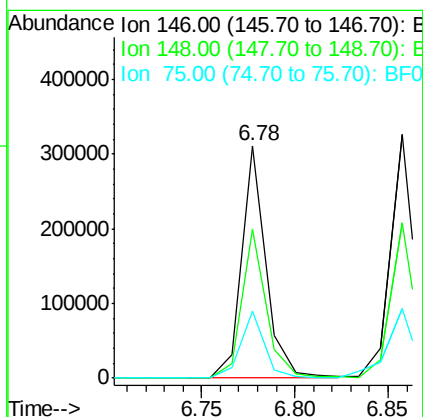
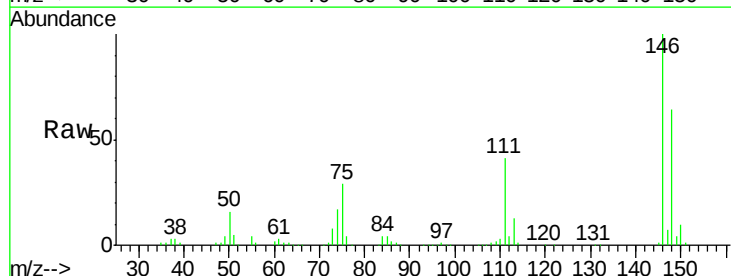
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 260981
Ion Ratio Lower Upper
93 100
63 77.1 57.1 97.1
95 31.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.72 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion: 146 Resp: 284867
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 28.8 23.0 34.6

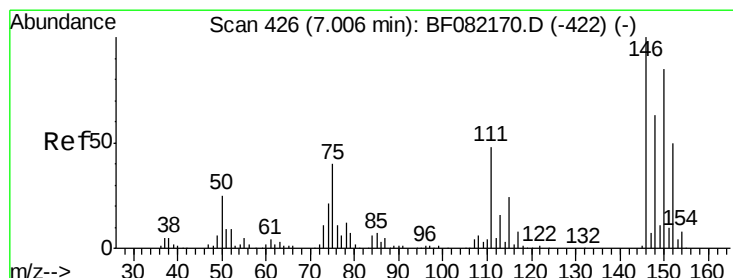
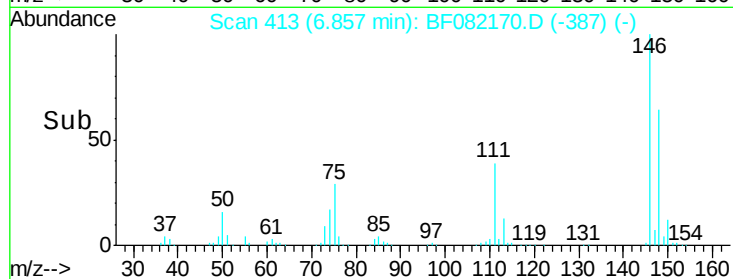
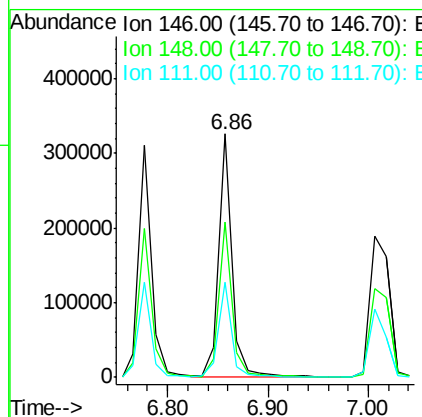
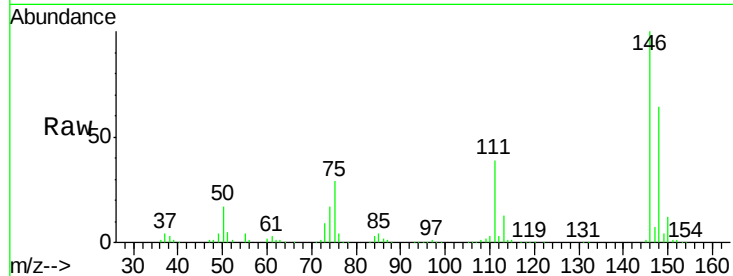




#13
 1,4-Dichlorobenzene
 Concen: 39.29 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

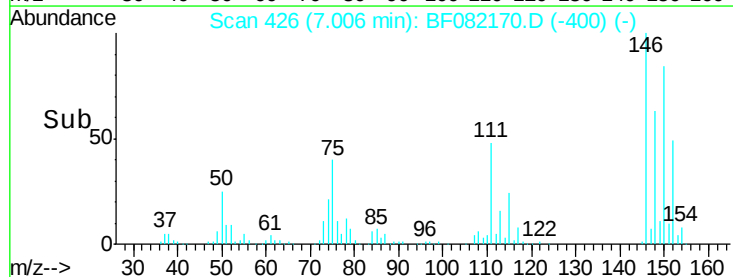
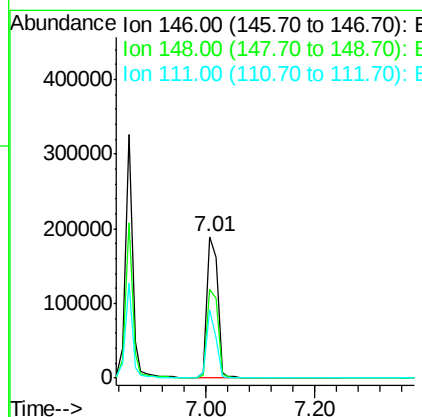
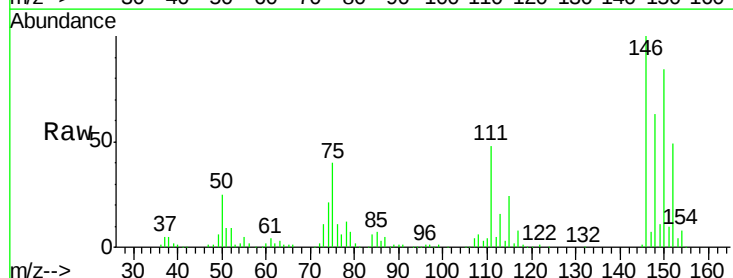
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 302227
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 38.9 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion:146 Resp: 260692
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.5 75.7
 111 48.1 38.5 57.7





#15

Benzyl Alcohol

Concen: 37.13 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :
BNA_F
ClientSampled :

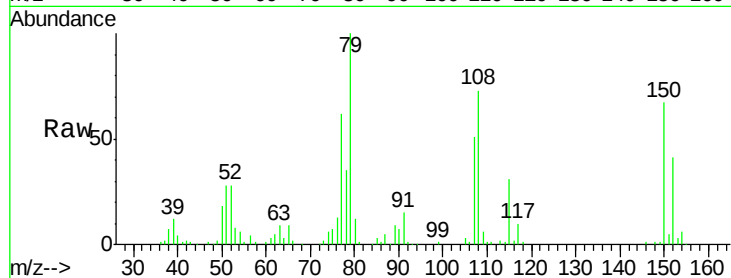
Tot Ion: 79 Resp: 188522

Ion Ratio Lower Upper

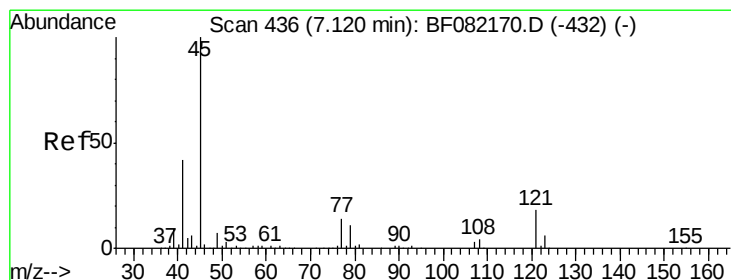
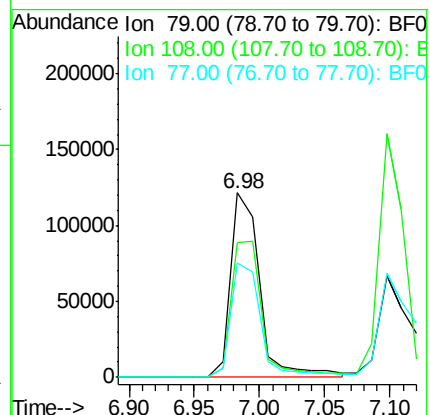
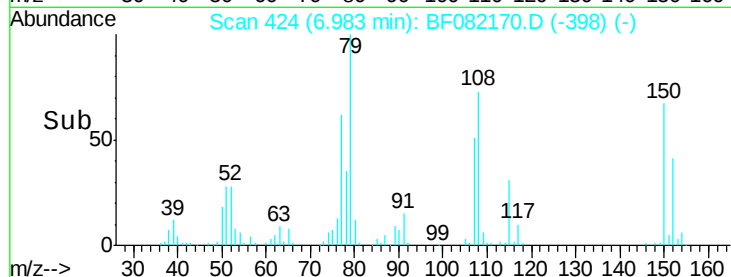
79 100

108 73.0 58.4 87.6

77 62.2 49.8 74.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.43 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

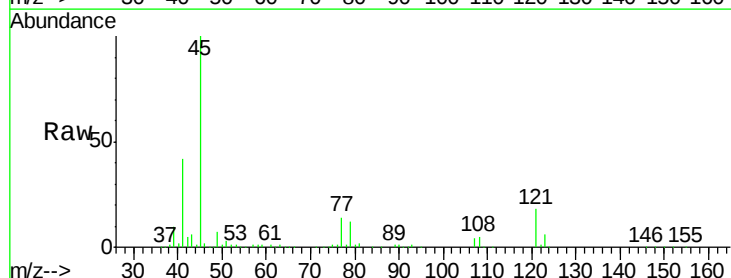
Tgt Ion: 45 Resp: 334573

Ion Ratio Lower Upper

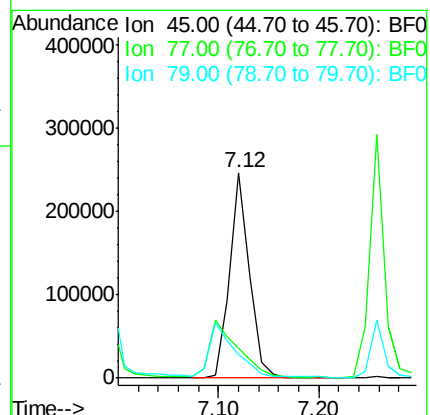
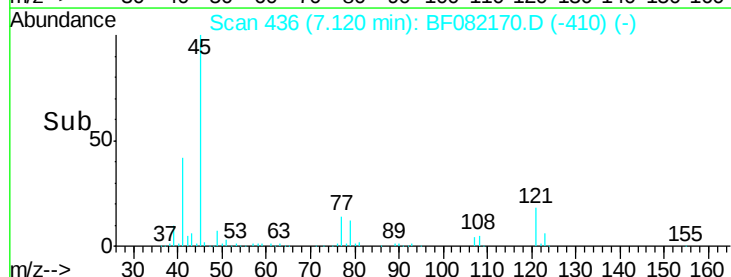
45 100

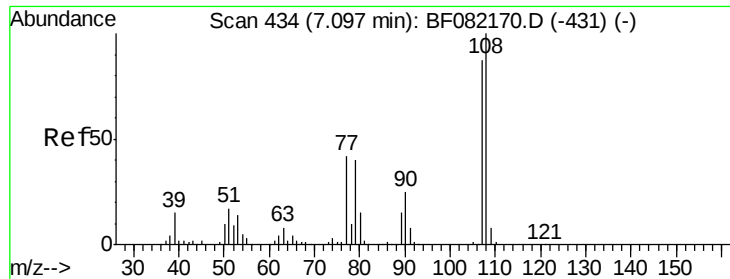
77 14.5 0.0 34.5

79 11.6 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

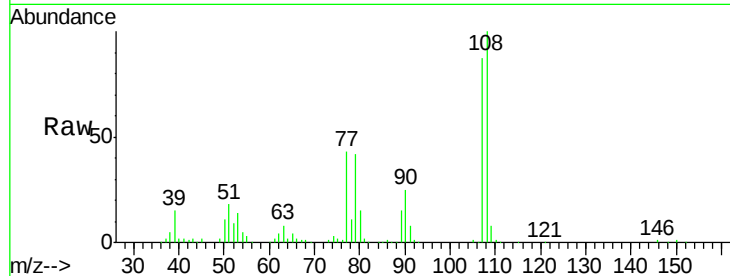




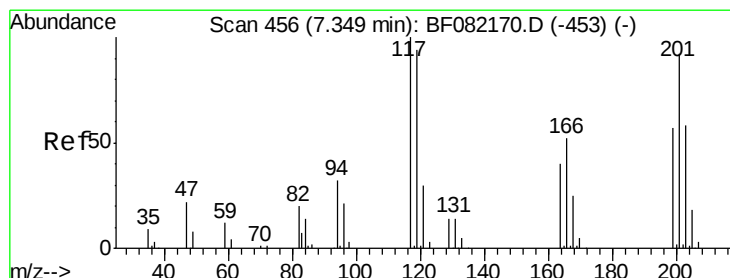
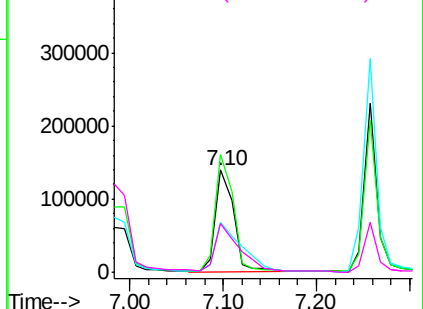
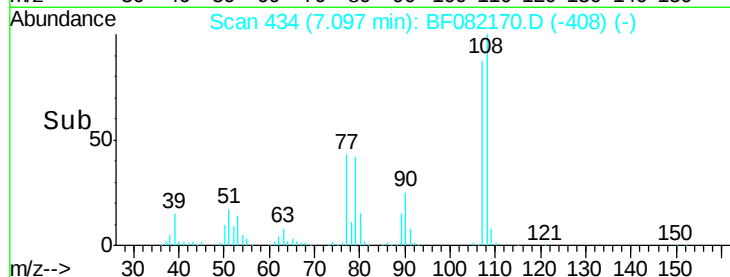
#17
2-Methylphenol
Concen: 38.44 ng
RT: 7.10 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	193322
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.2	138.2
77	49.5	39.6	59.4
79	47.8	38.2	57.4

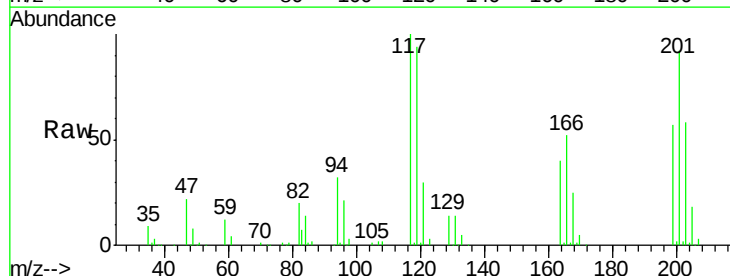


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

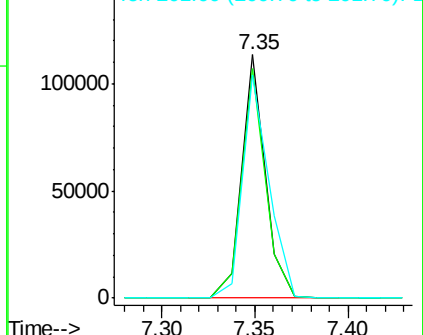
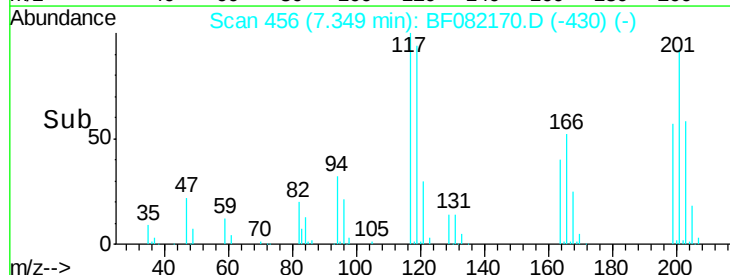


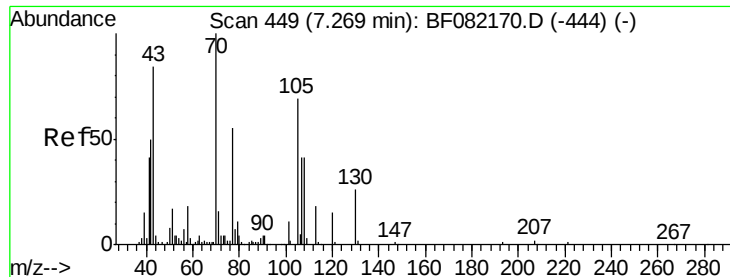
#18
Hexachloroethane
Concen: 41.21 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:	117	Resp:	100232
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.2
201	91.7	73.4	110.0



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

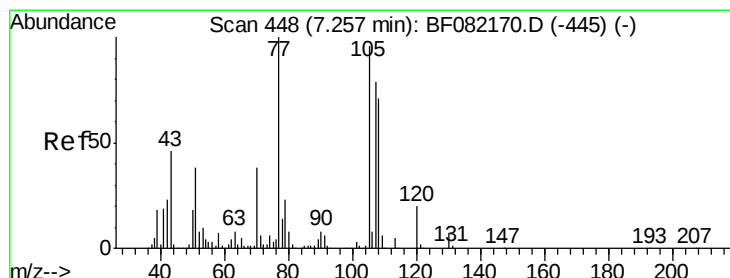
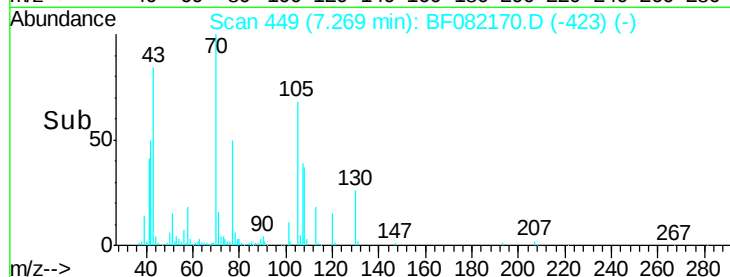
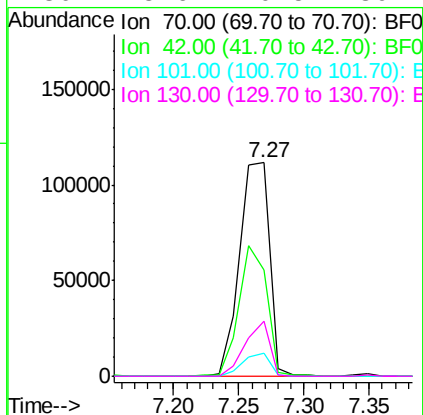
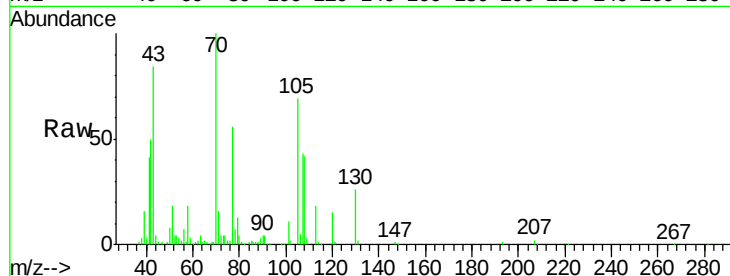




#19
n-Nitroso-di-n-propylamine
Concen: 41.28 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

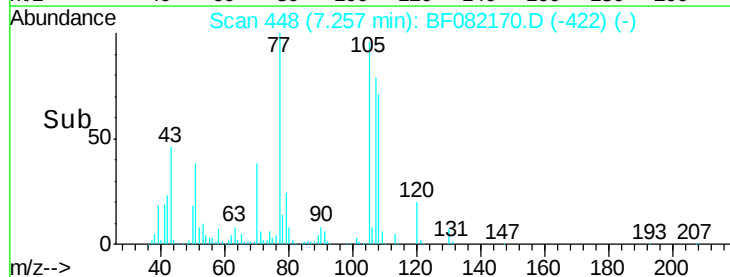
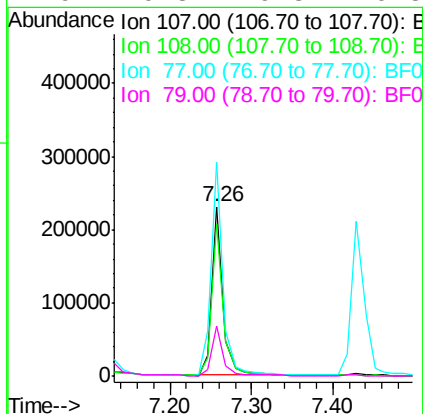
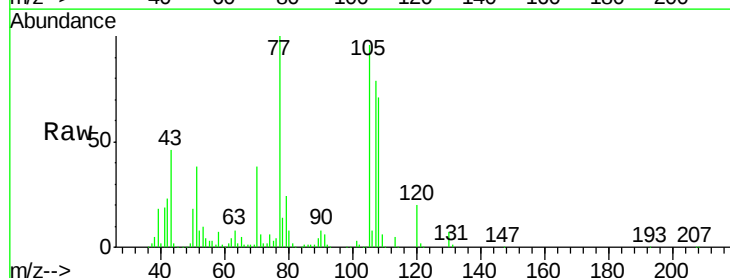
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 178643
Ion Ratio Lower Upper
70 100
42 49.8 39.8 59.8
101 10.8 8.6 13.0
130 25.6 20.5 30.7



#20
3+4-Methylphenols
Concen: 35.89 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion: 107 Resp: 226550
Ion Ratio Lower Upper
107 100
108 89.9 69.9 109.9
77 126.0 106.0 146.0
79 29.8 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: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 410193

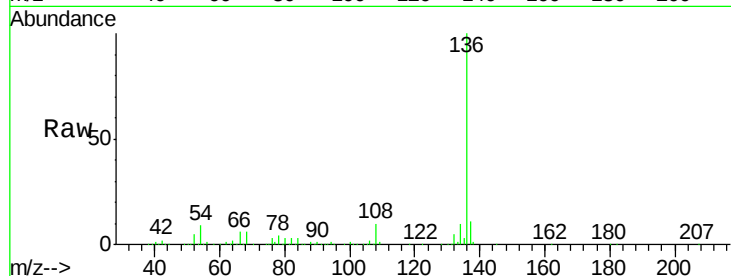
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.4 7.5 11.3

68 5.8 4.6 7.0

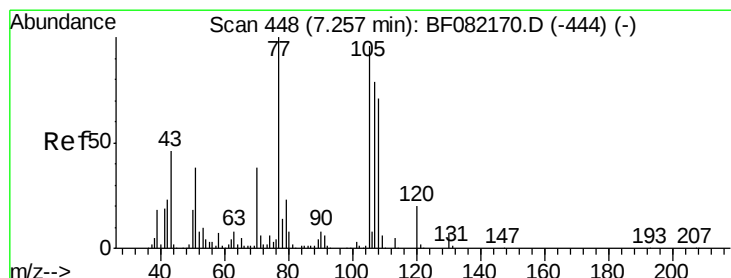
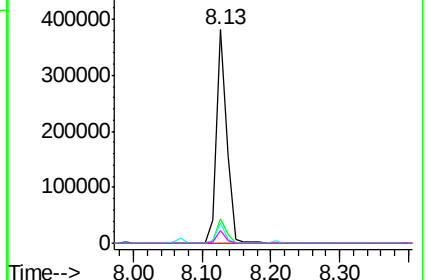
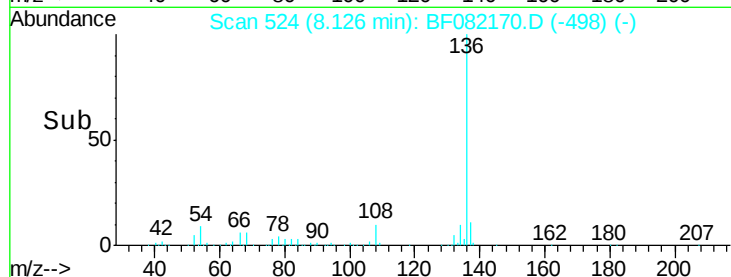


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.10 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Tgt Ion:105 Resp: 317676

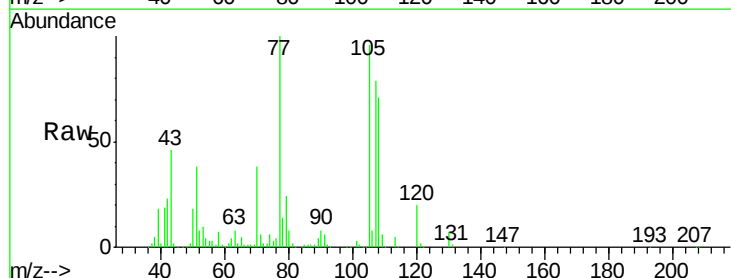
Ion Ratio Lower Upper

105 100

71 6.7 5.4 8.0

51 39.7 31.8 47.6

120 20.4 16.3 24.5

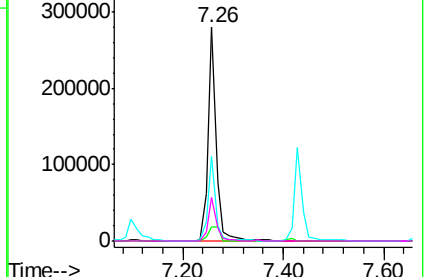
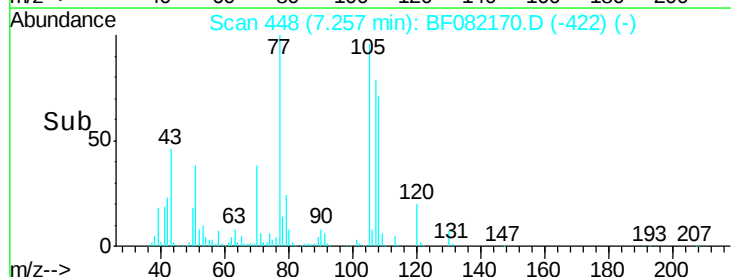


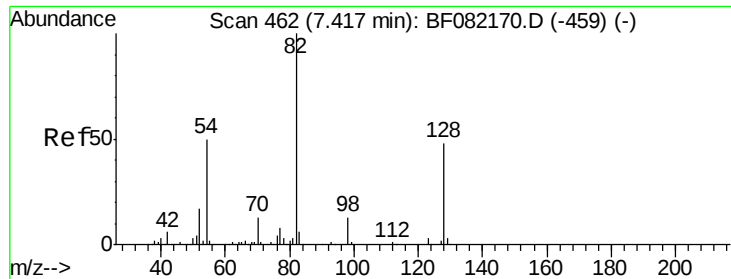
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

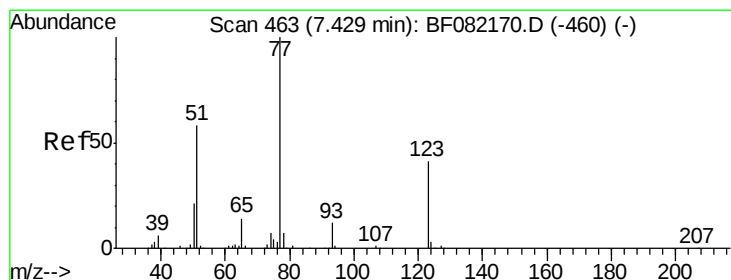
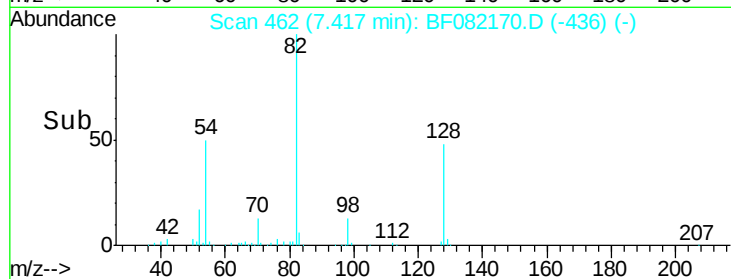
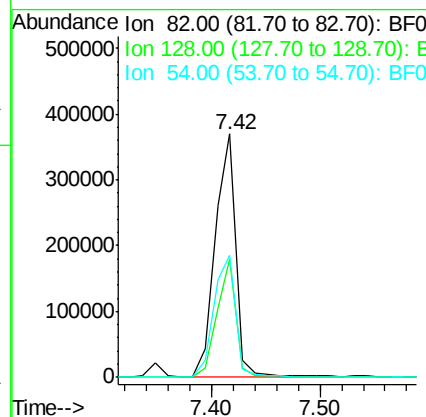
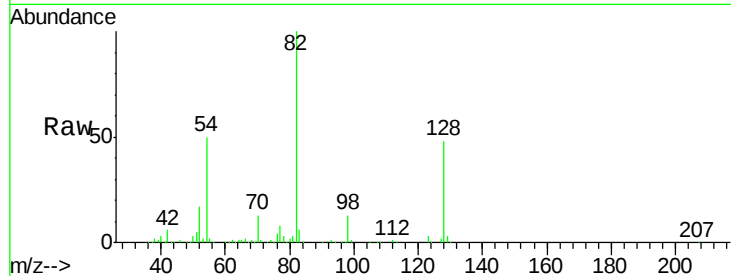




#23
 Nitrobenzene-d5
 Concen: 80.54 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

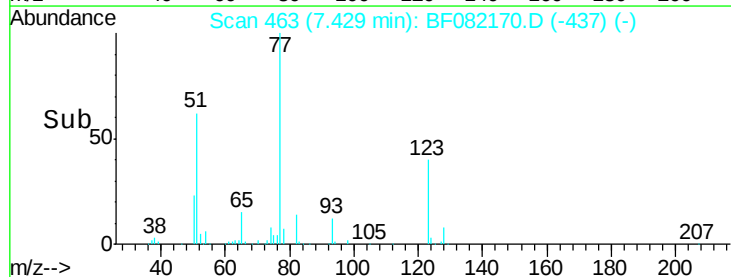
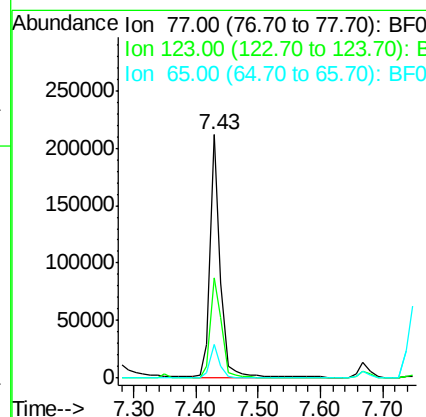
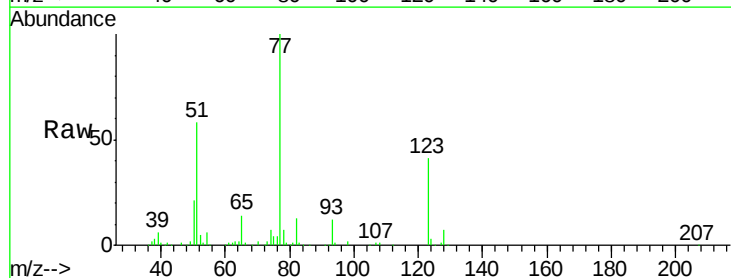
Instrument :
 BNA_F
 ClientSampled :

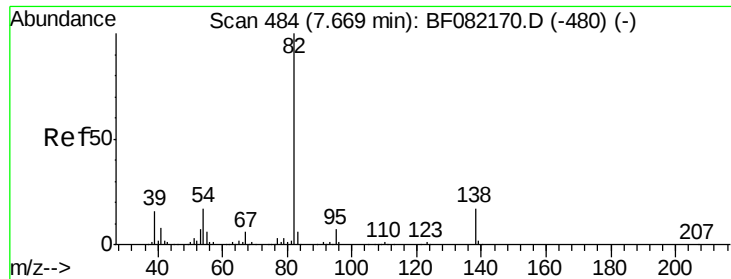
Tot Ion	82	Resp	498145
Ion Ratio	Lower	Upper	
82	100		
128	48.4	38.7	58.1
54	50.1	40.1	60.1



#24
 Nitrobenzene
 Concen: 36.42 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion	77	Resp	239356
Ion Ratio	Lower	Upper	
77	100		
123	41.2	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 39.13 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

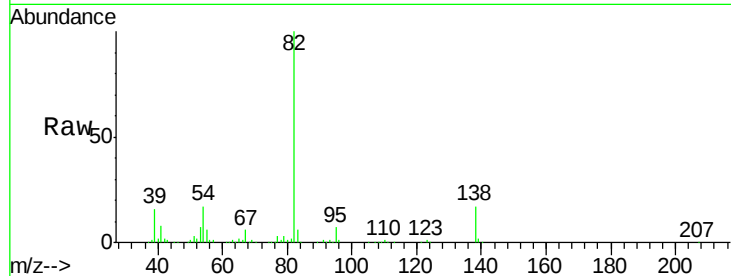
Tot Ion: 82 Resp: 476790

Ion Ratio Lower Upper

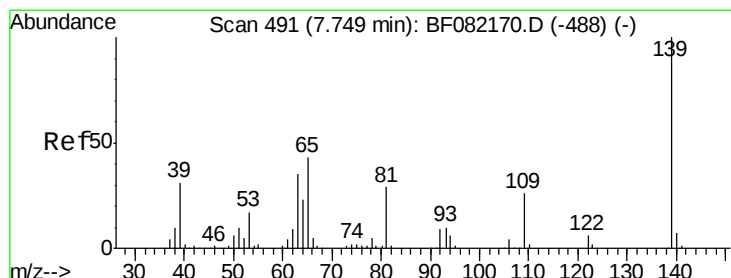
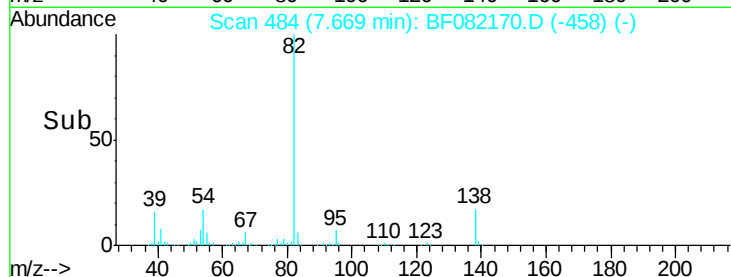
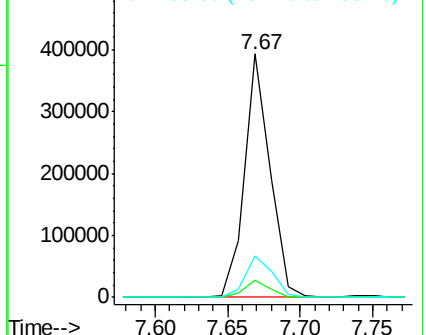
82 100

95 7.0 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: 45.19 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

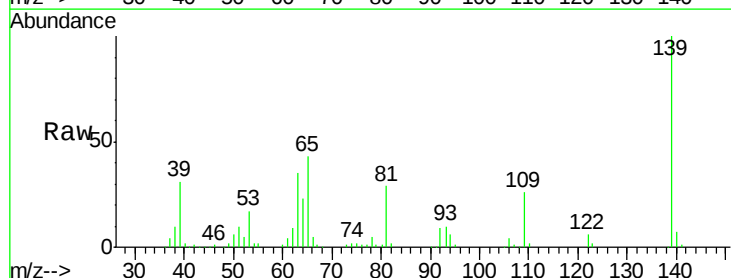
Tgt Ion: 139 Resp: 147010

Ion Ratio Lower Upper

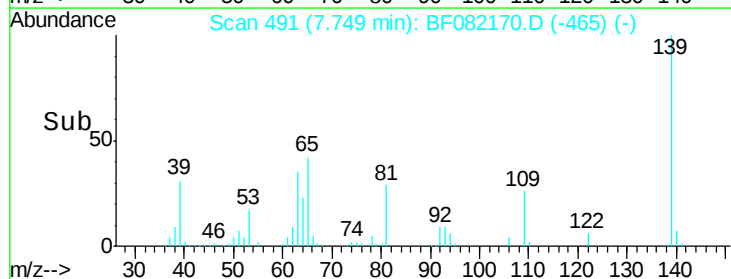
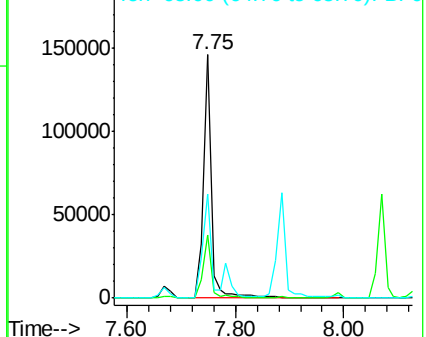
139 100

109 25.8 20.6 31.0

65 42.9 34.3 51.5



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

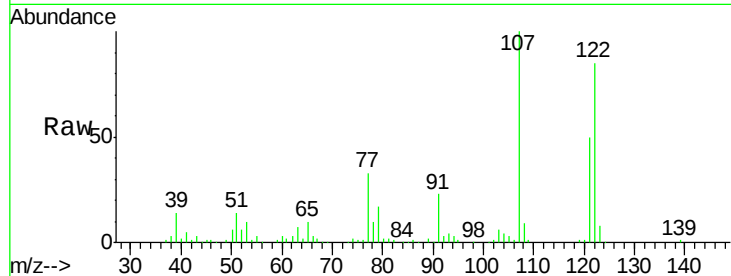




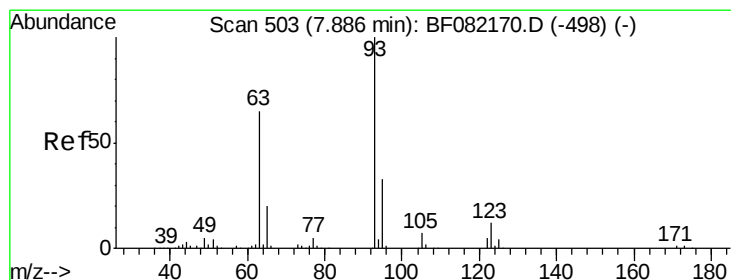
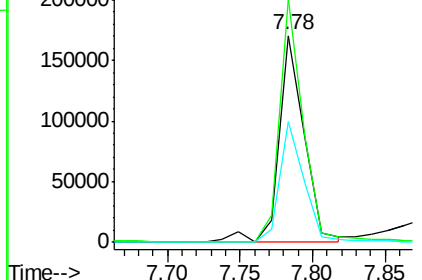
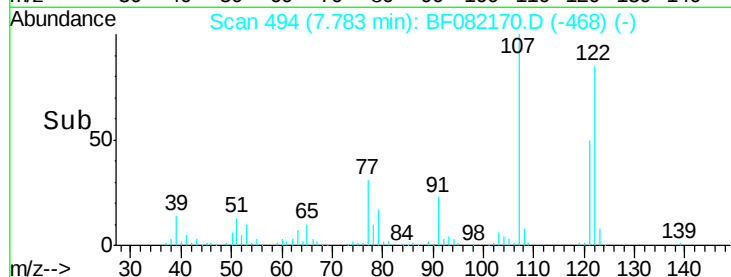
#27
 2,4-Dimethylphenol
 Concen: 36.88 ng
 RT: 7.78 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 204895
 Ion Ratio Lower Upper
 122 100
 107 117.5 94.0 141.0
 121 58.5 46.8 70.2

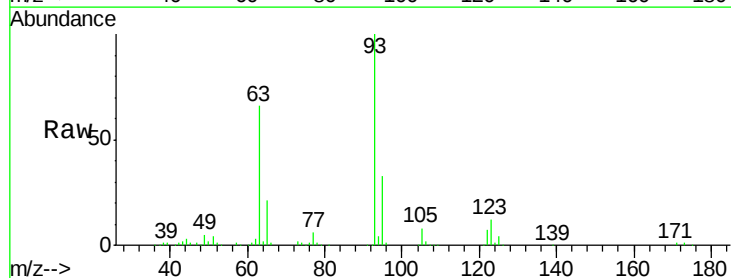


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

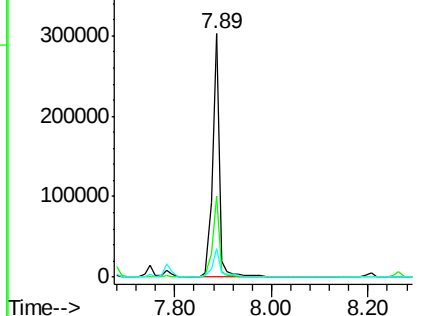
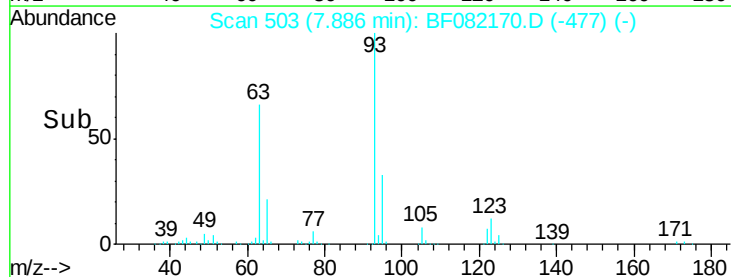


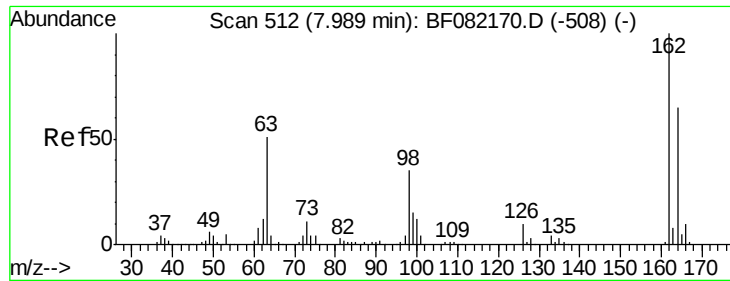
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.54 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion: 93 Resp: 305862
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 39.8
 123 11.9 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

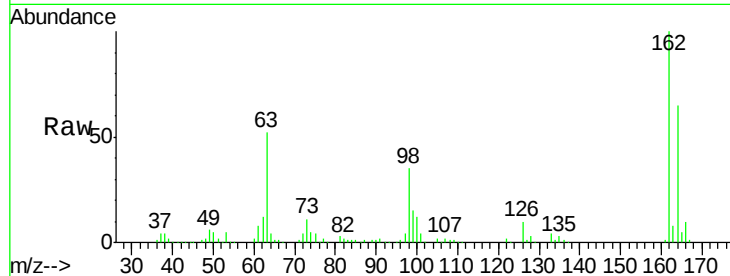




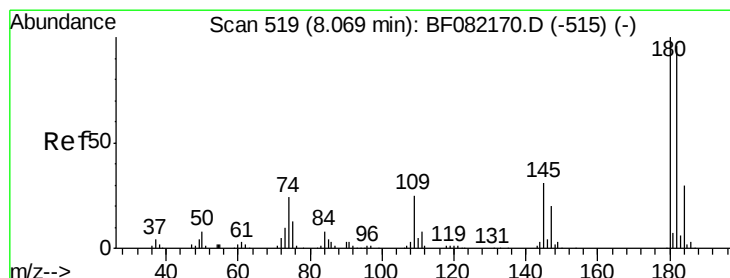
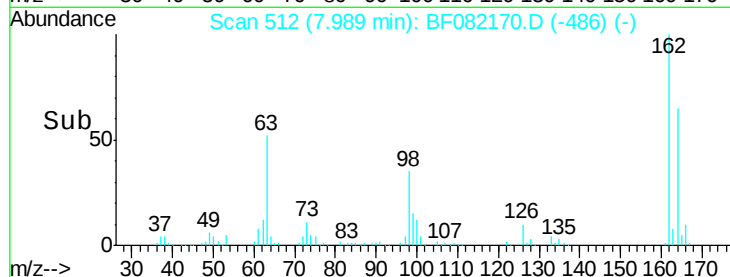
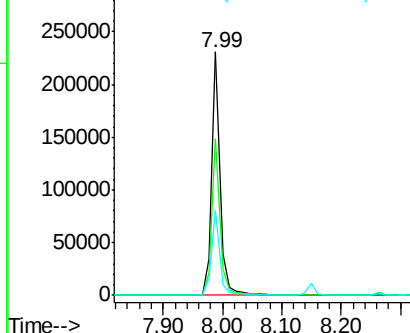
#29
 2,4-Dichlorophenol
 Concen: 41.12 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	35.0	15.0	55.0

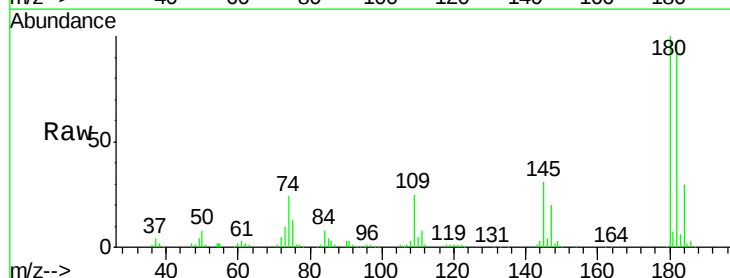


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

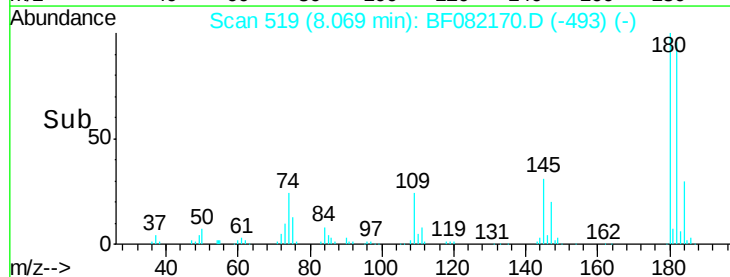
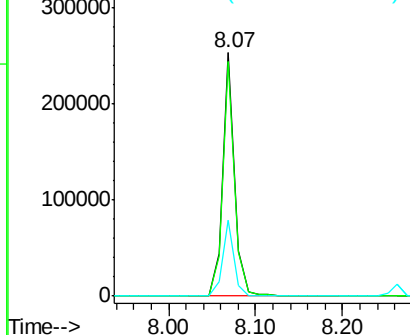


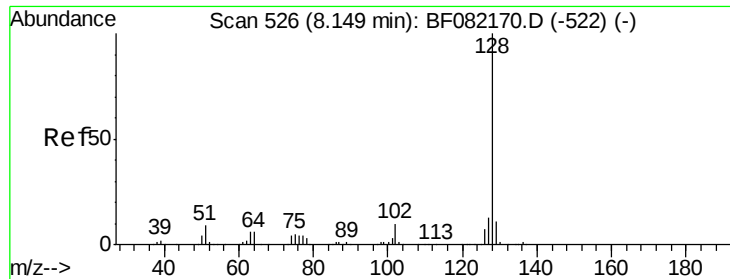
#30
 1,2,4-Trichlorobenzene
 Concen: 39.70 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	31.2	25.0	37.4



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

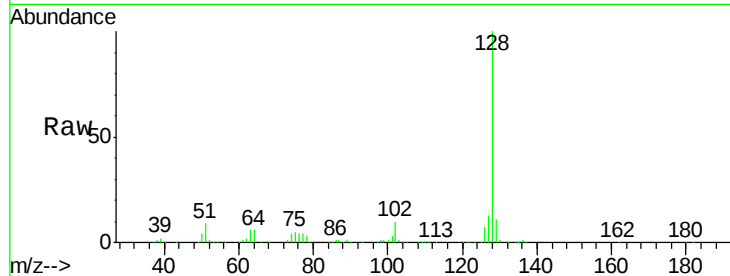




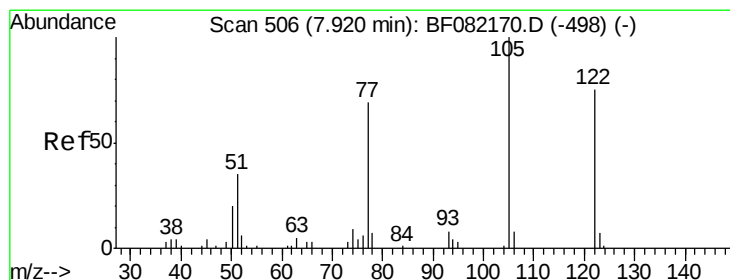
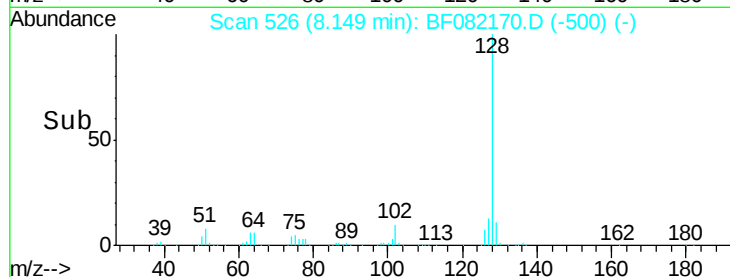
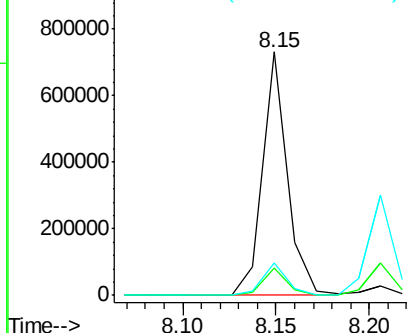
#31
Naphthalene
Concen: 37.56 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.4	10.7	16.1

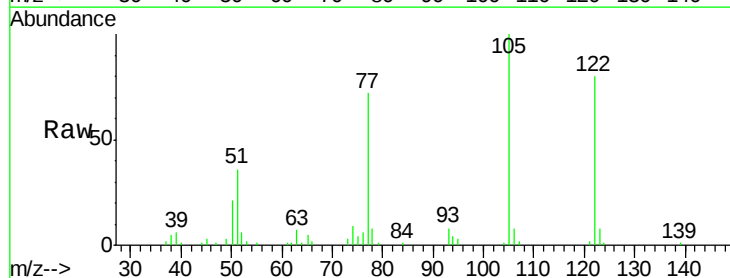


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

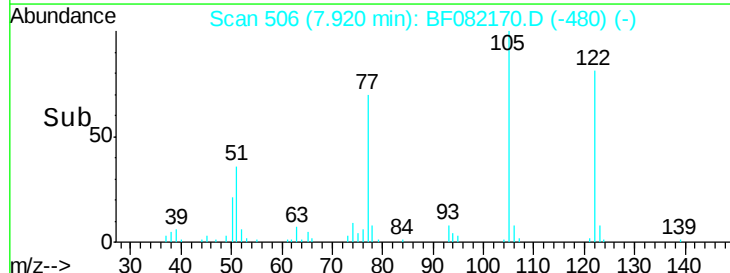
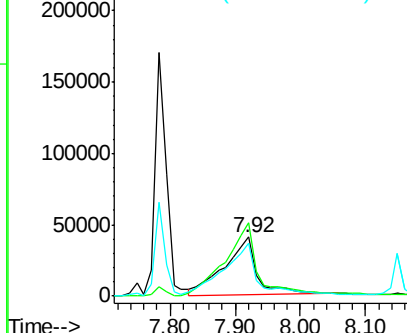


#32
Benzoic acid
Concen: 45.00 ng
RT: 7.92 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	104.4	144.4
77	89.0	69.0	109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

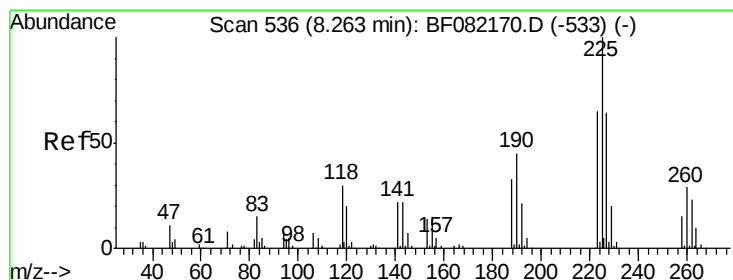
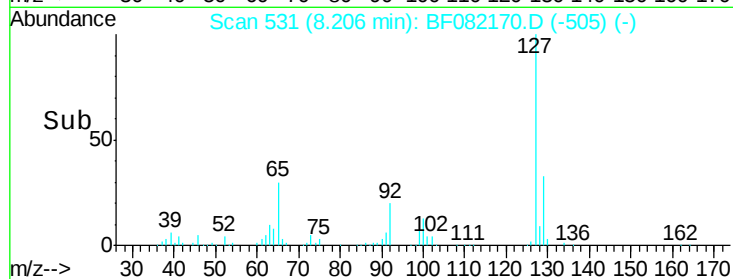
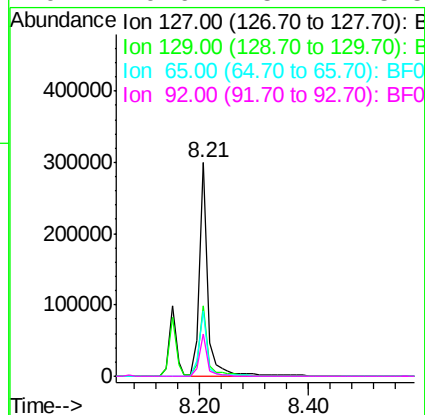
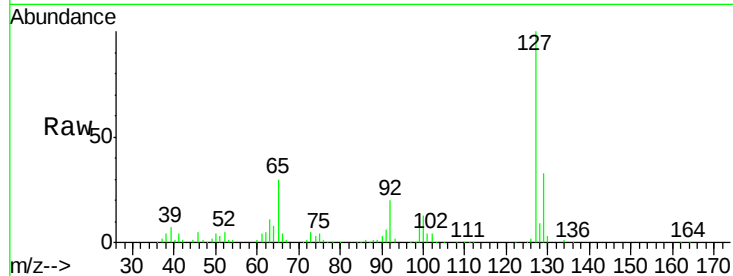




#33
4-Chloroaniline
Concen: 39.65 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

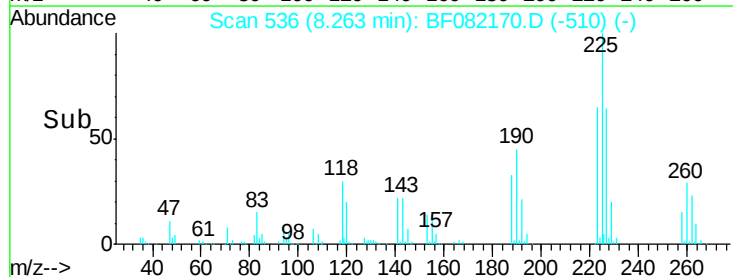
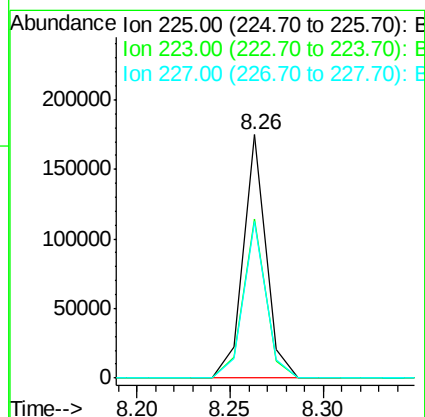
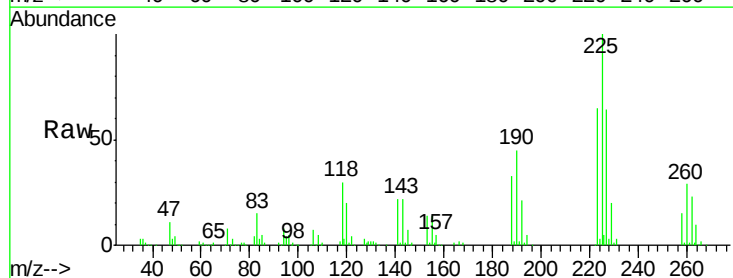
Instrument :
BNA_F
ClientSampleId :

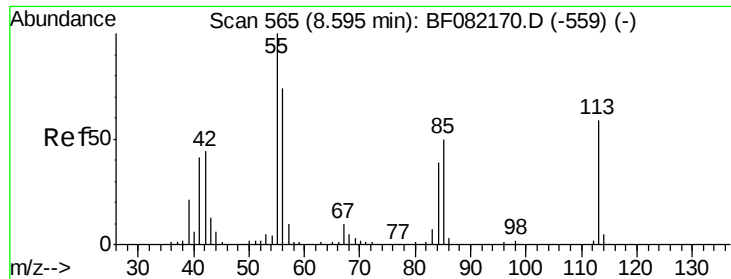
Tot Ion:	127	Resp:	310588
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	30.5	24.4	36.6
92	19.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 41.24 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:	225	Resp:	150064
Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.2	78.2
227	64.1	51.3	76.9

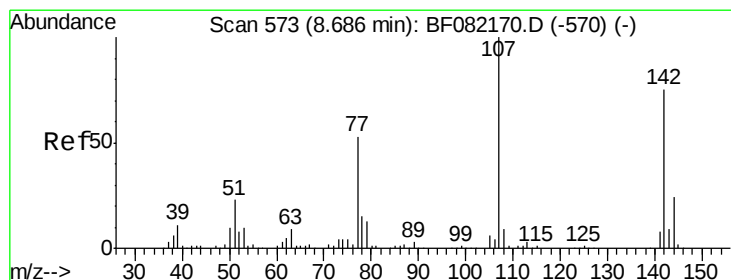
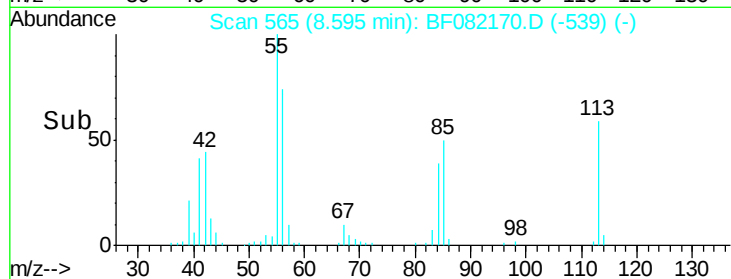
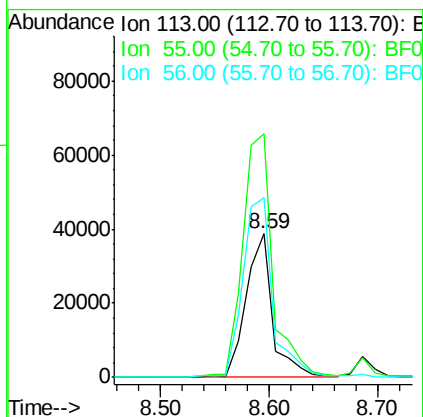
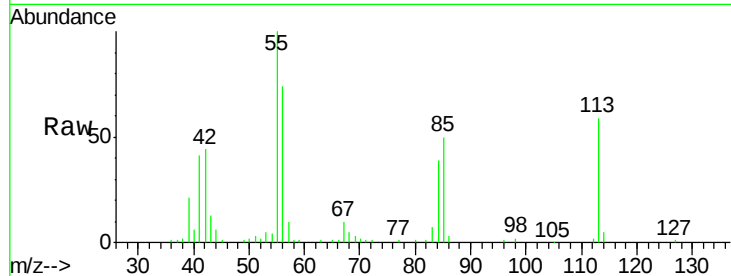




#35
 Caprolactam
 Concen: 42.71 ng
 RT: 8.59 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

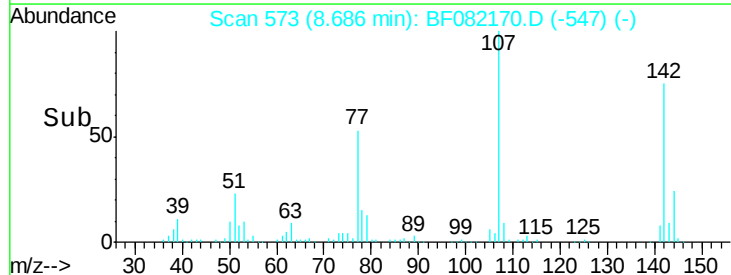
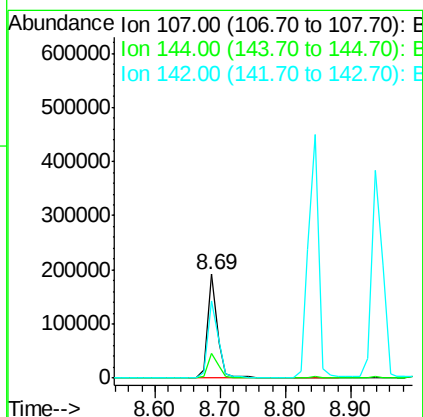
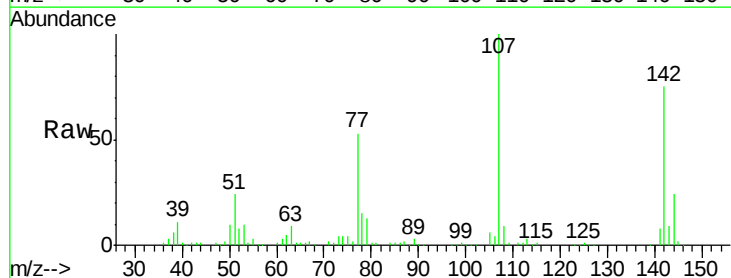
Instrument :
 BNA_F
 ClientSampled :

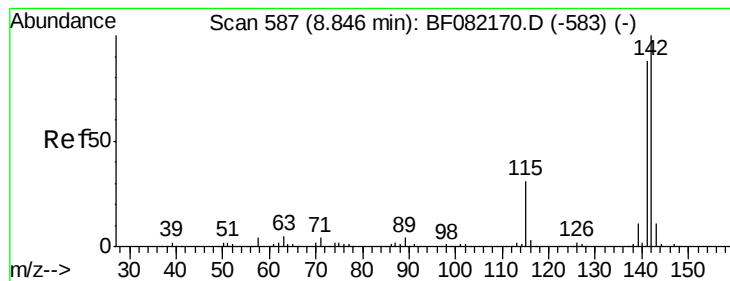
Tot Ion:113 Resp: 65512
 Ion Ratio Lower Upper
 113 100
 55 169.7 149.7 189.7
 56 125.4 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.75 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion:107 Resp: 206259
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 74.9 59.9 89.9





#37

2-Methylnaphthalene

Concen: 40.21 ng

RT: 8.85 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

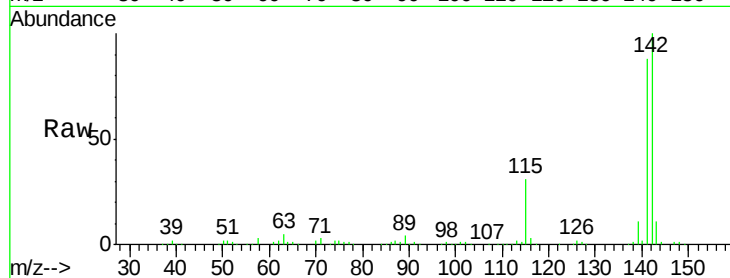
Tot Ion:142 Resp: 499072

Ion Ratio Lower Upper

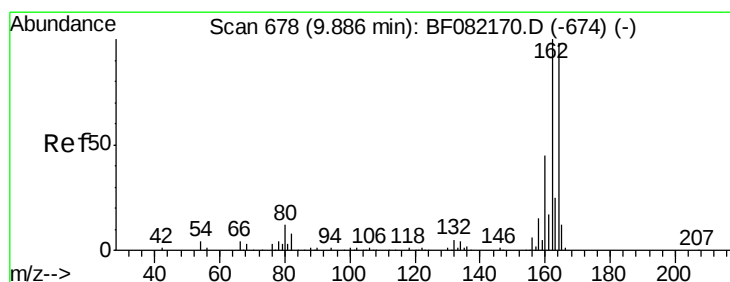
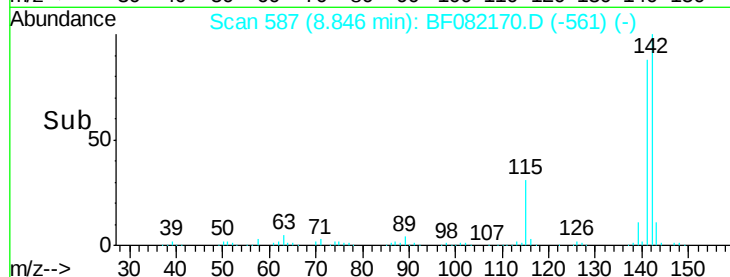
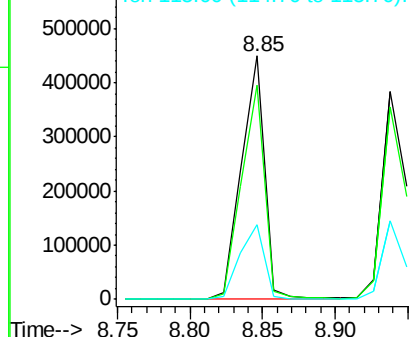
142 100

141 88.0 70.4 105.6

115 30.8 24.6 37.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

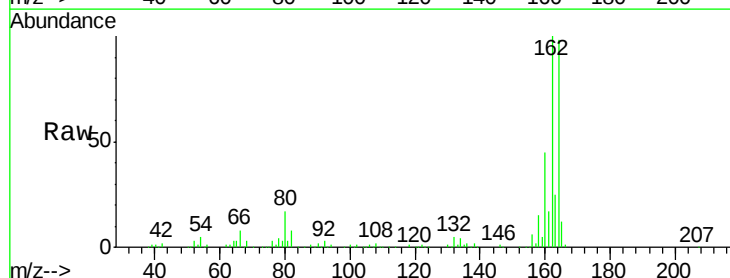
Tgt Ion:164 Resp: 211054

Ion Ratio Lower Upper

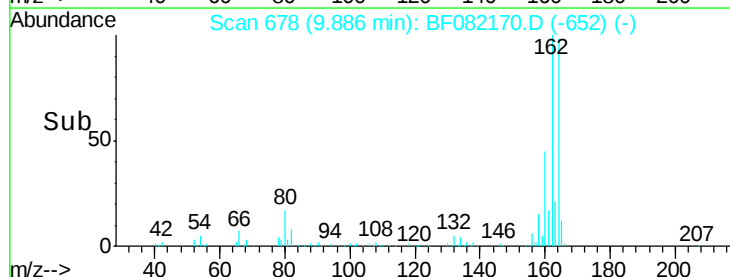
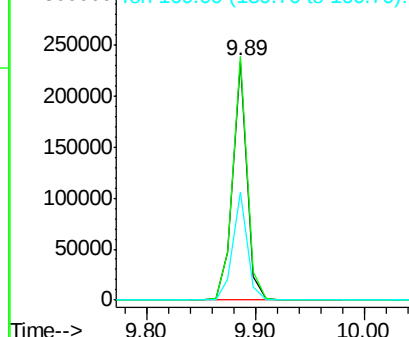
164 100

162 102.0 81.6 122.4

160 45.5 36.4 54.6



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

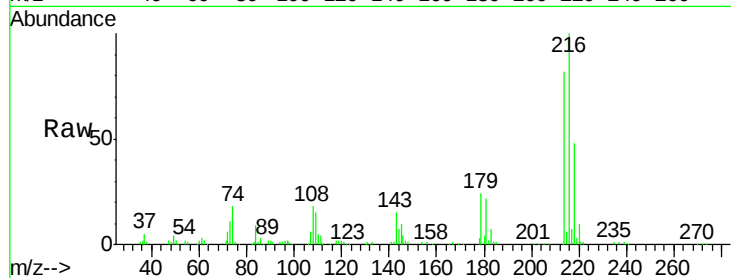




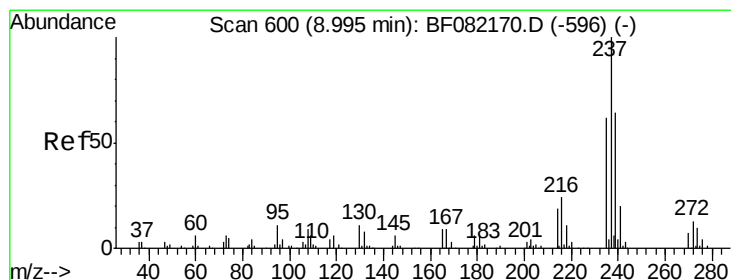
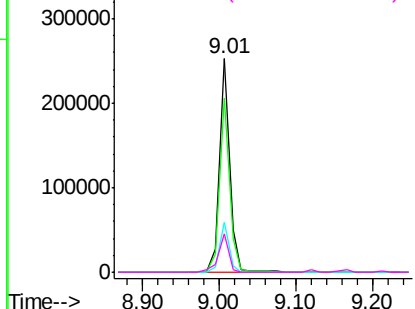
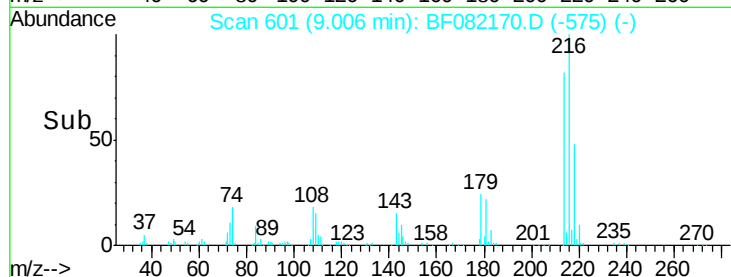
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.56 ng
 RT: 9.01 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	235013
Ion	Ratio	Lower	Upper
216	100		
214	80.8	64.6	97.0
179	22.0	17.6	26.4
108	18.1	14.5	21.7

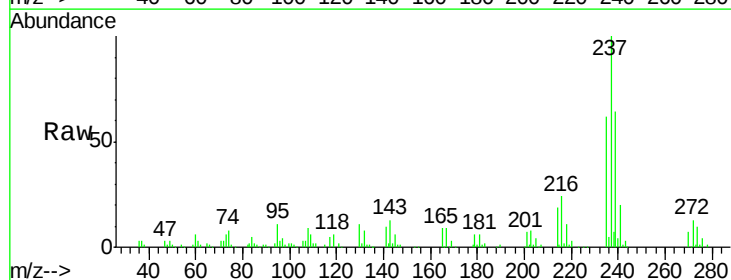


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

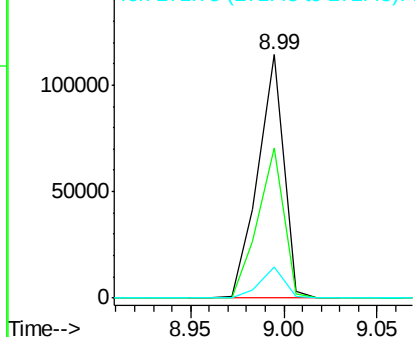
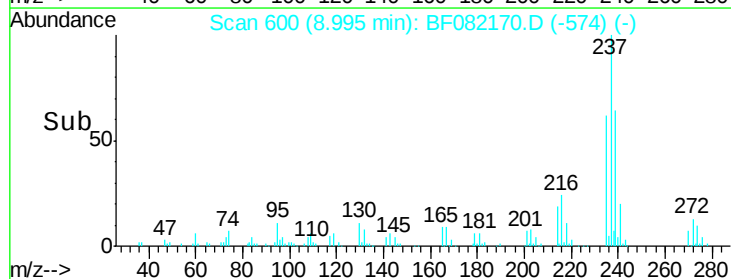


#40
 Hexachlorocyclopentadiene
 Concen: 34.20 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion:	237	Resp:	109626
Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.7	81.7
272	12.8	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

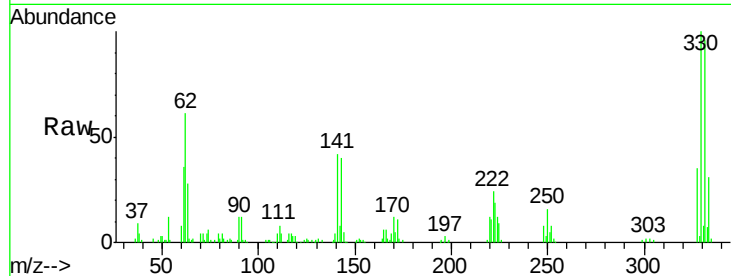




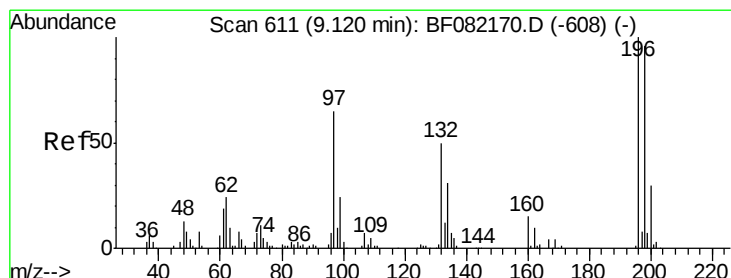
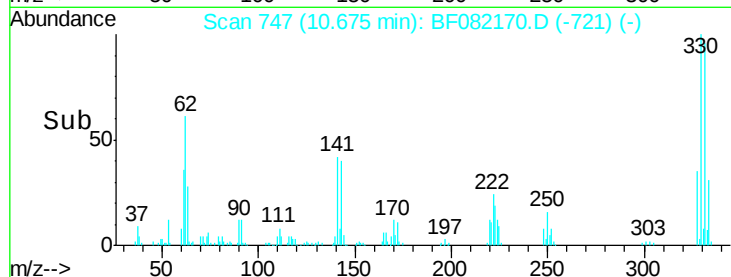
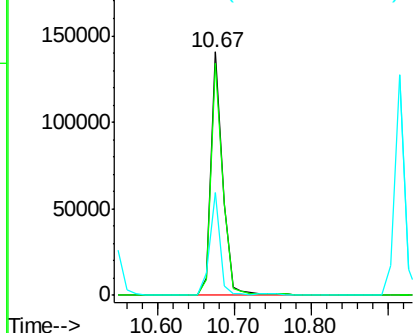
#41
 2,4,6-Tribromophenol
 Concen: 70.35 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 148758
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 37.3 29.8 44.8

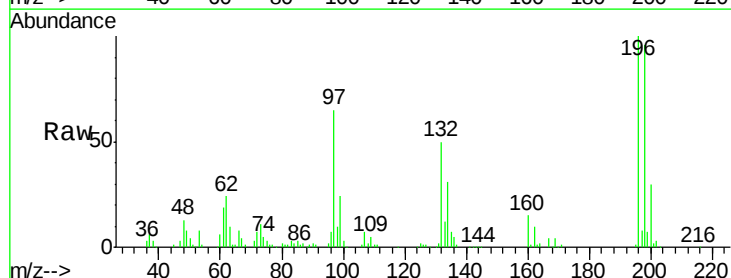


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

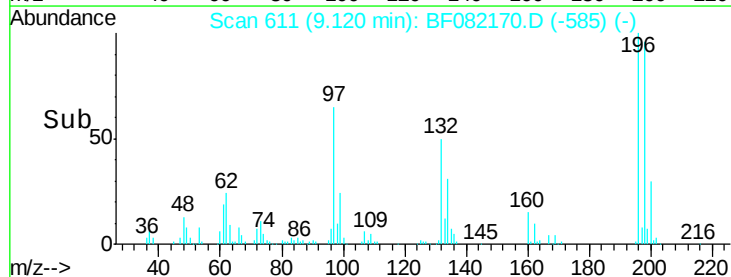
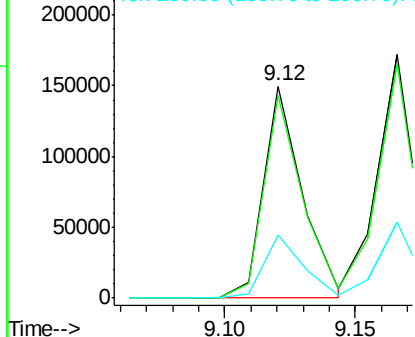


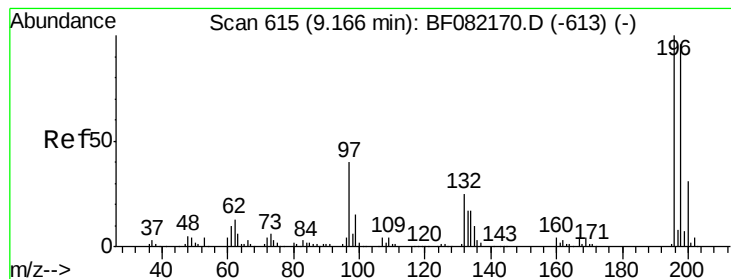
#42
 2,4,6-Trichlorophenol
 Concen: 35.49 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion:196 Resp: 154725
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 115.0
 200 29.6 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: 38.79 ng

RT: 9.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 176396

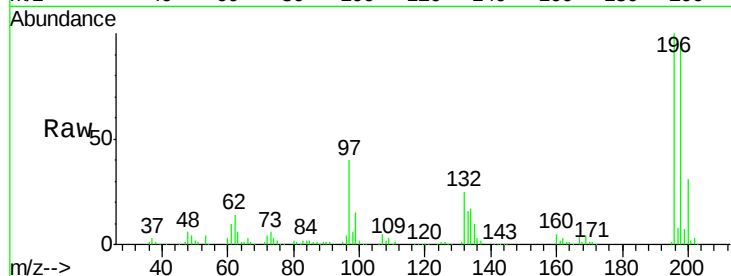
Ion Ratio Lower Upper

196 100

198 96.2 77.0 115.4

97 39.9 31.9 47.9

132 25.4 20.3 30.5

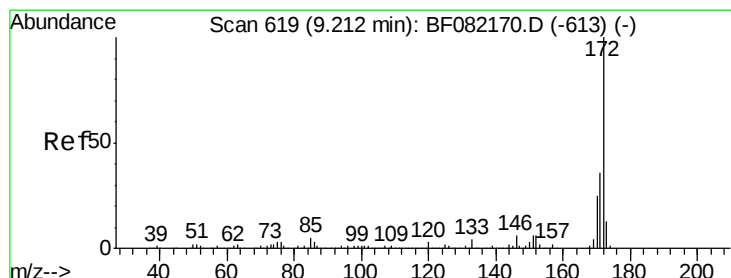
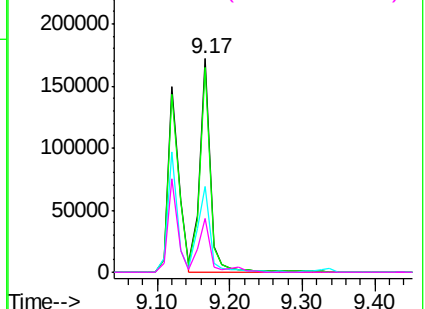
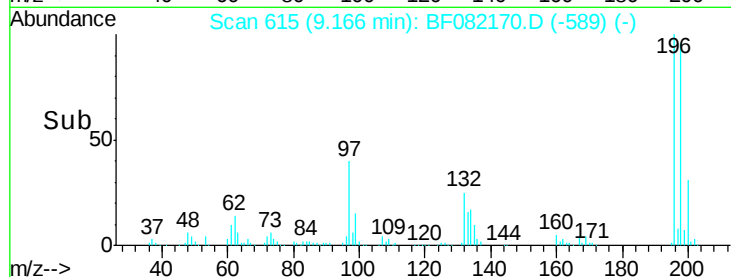


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 79.93 ng

RT: 9.21 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

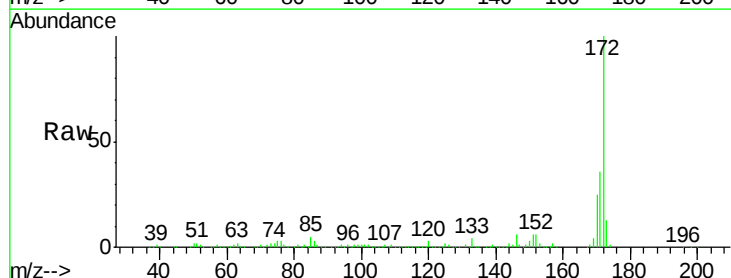
Tgt Ion:172 Resp: 1067141

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

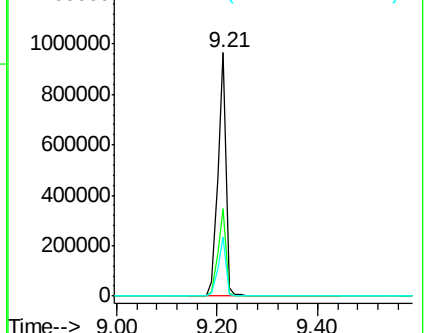
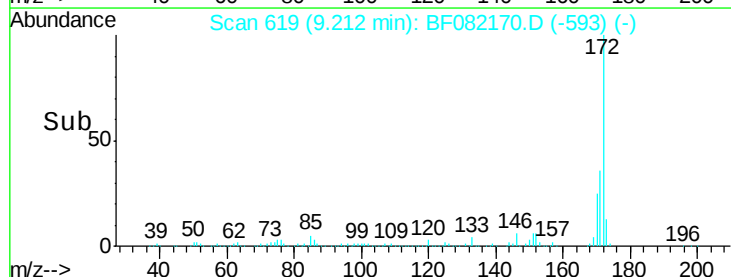
170 24.6 19.7 29.5

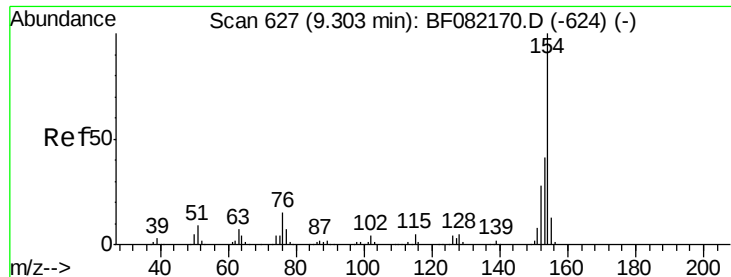


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.30 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampled :

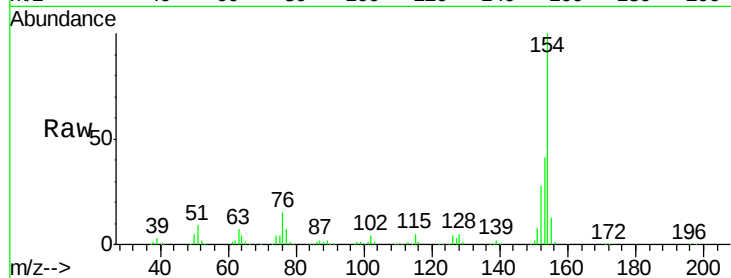
Tot Ion:154 Resp: 586773

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

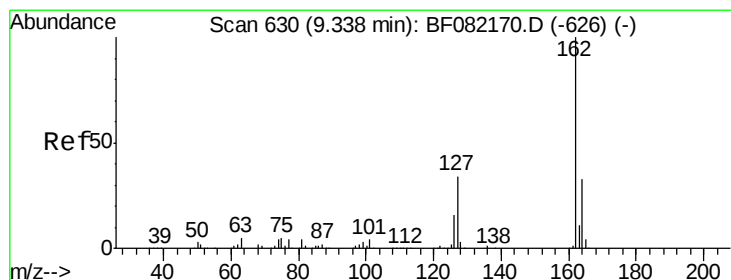
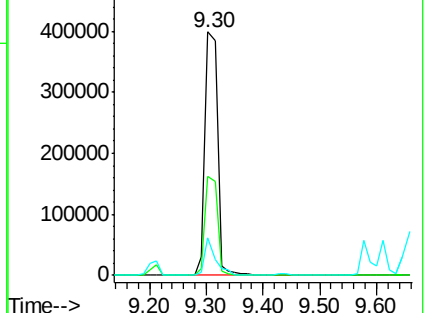
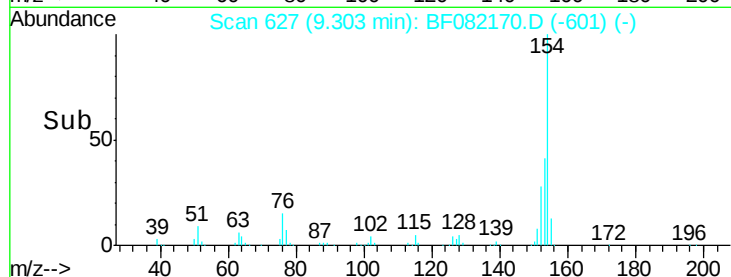
76 15.2 0.0 35.2



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: 38.49 ng

RT: 9.34 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

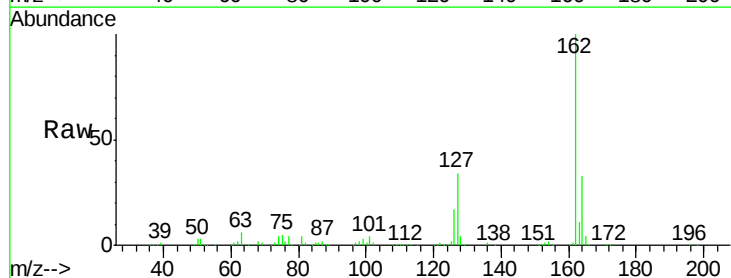
Tgt Ion:162 Resp: 489132

Ion Ratio Lower Upper

162 100

127 34.4 27.5 41.3

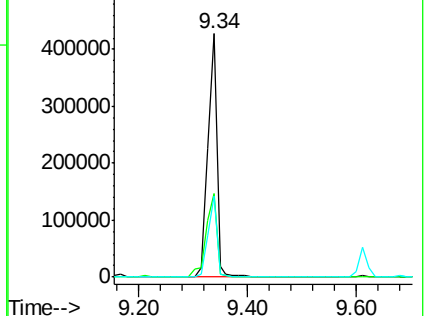
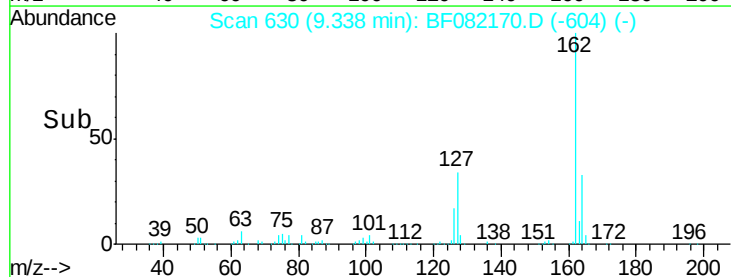
164 33.2 26.6 39.8

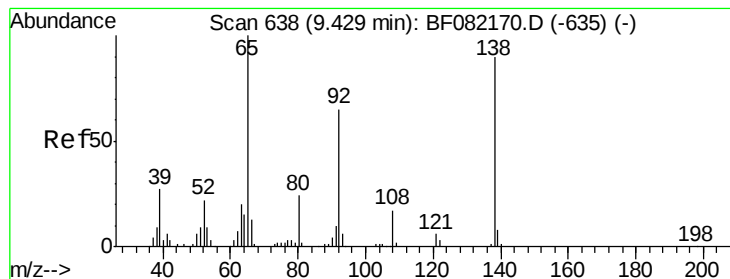


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.96 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

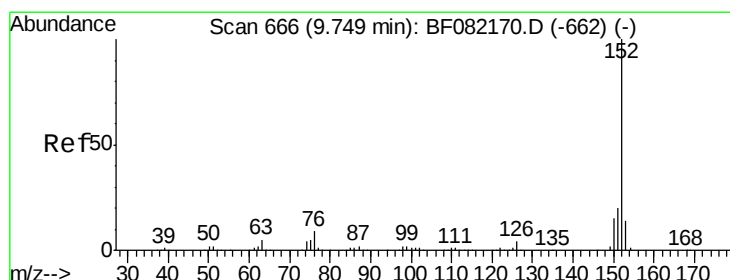
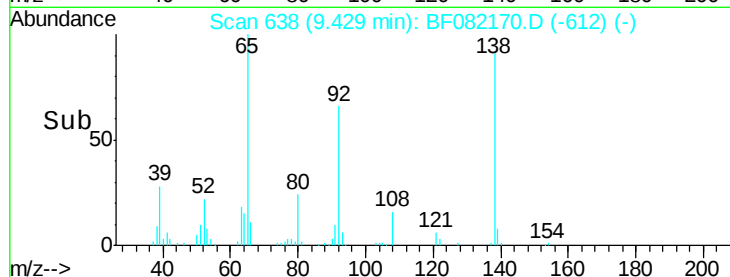
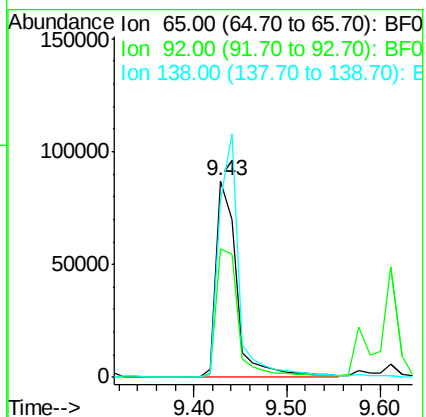
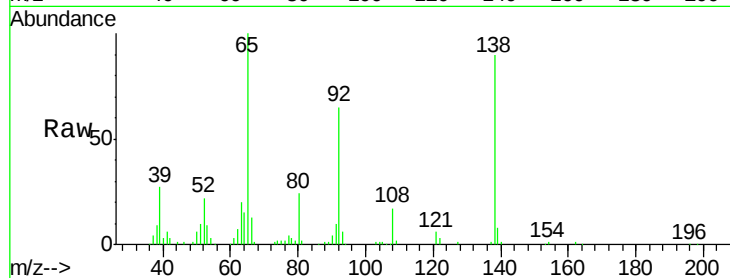
Tot Ion: 65 Resp: 133896

Ion Ratio Lower Upper

65 100

92 65.4 52.3 78.5

138 90.3 72.2 108.4



#48

Acenaphthylene

Concen: 37.54 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

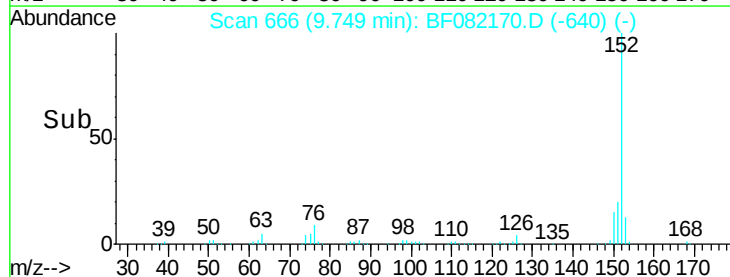
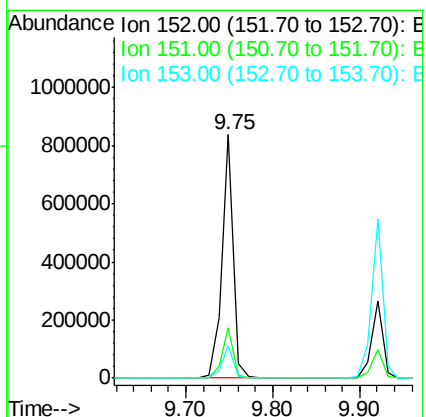
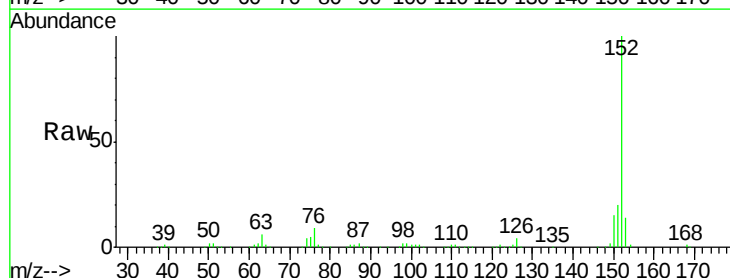
Tgt Ion: 152 Resp: 767800

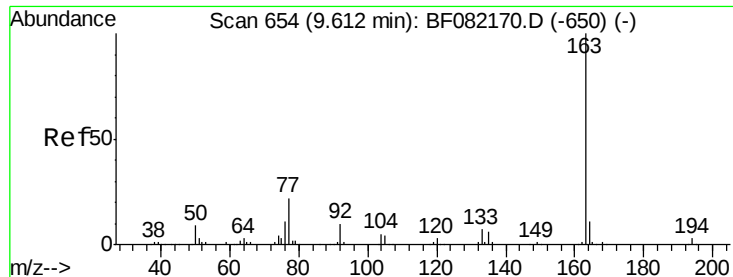
Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.5 10.8 16.2

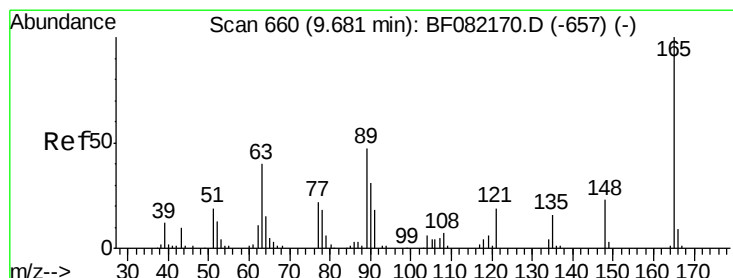
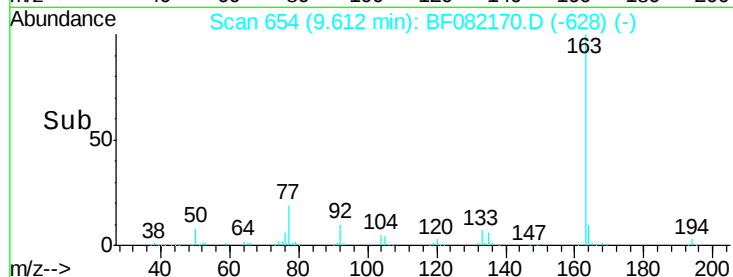
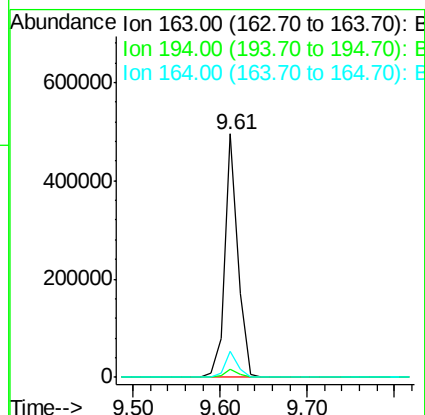
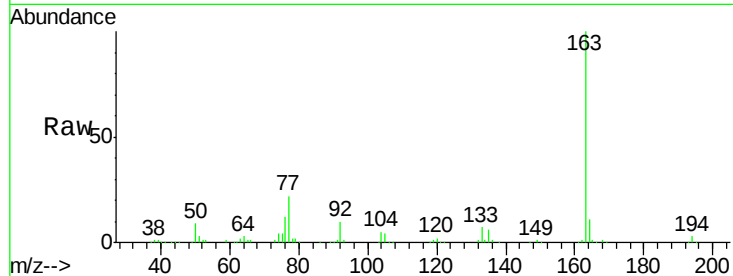




#49
Dimethylphthalate
Concen: 36.41 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

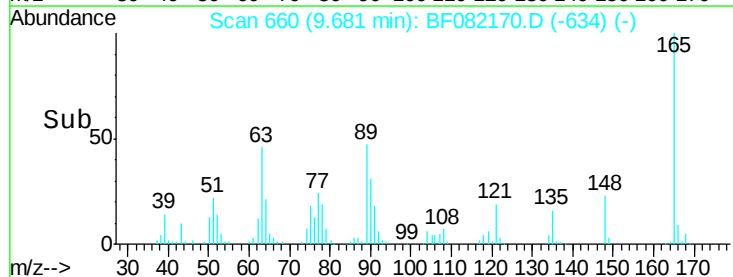
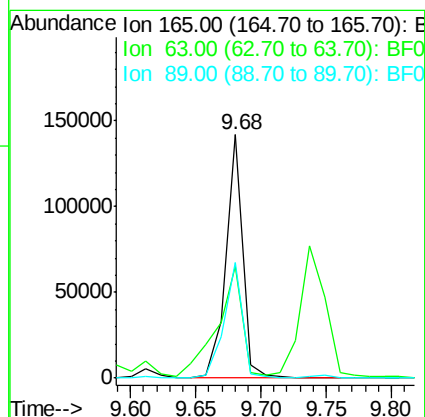
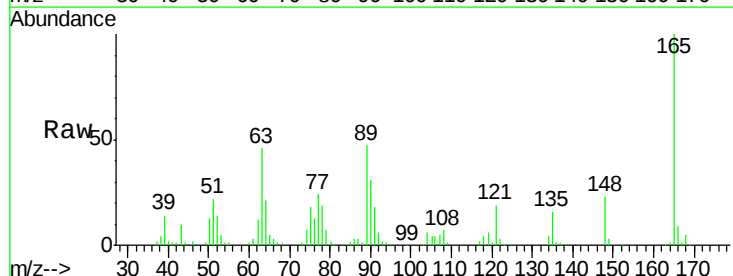
Instrument :
BNA_F
ClientSampleId :

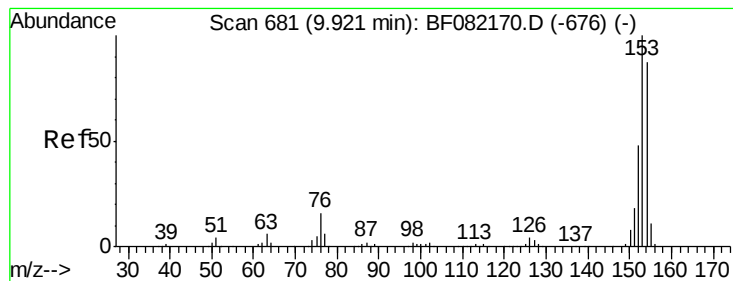
Tot Ion:163 Resp: 523740
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 40.48 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:165 Resp: 129100
Ion Ratio Lower Upper
165 100
63 45.9 36.7 55.1
89 47.2 37.8 56.6





#51

Acenaphthene

Concen: 38.71 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

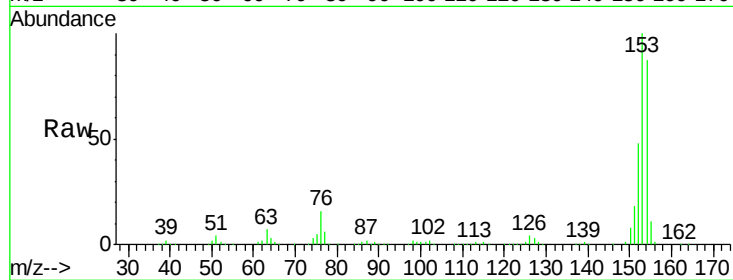
Tot Ion:154 Resp: 470998

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

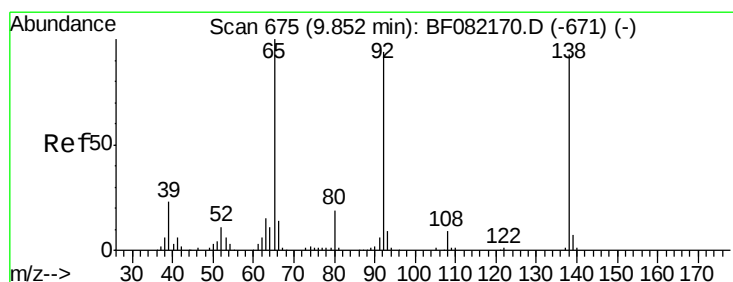
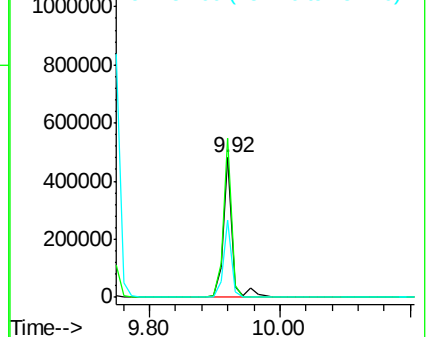
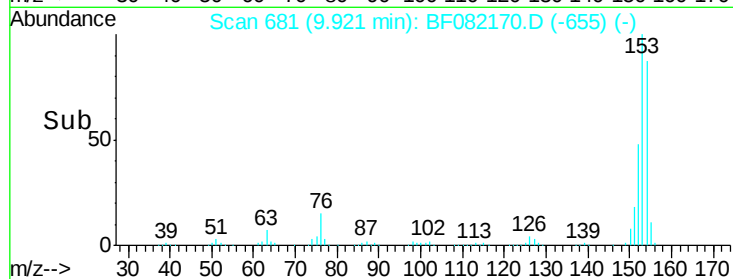
152 55.4 44.3 66.5



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: 39.33 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

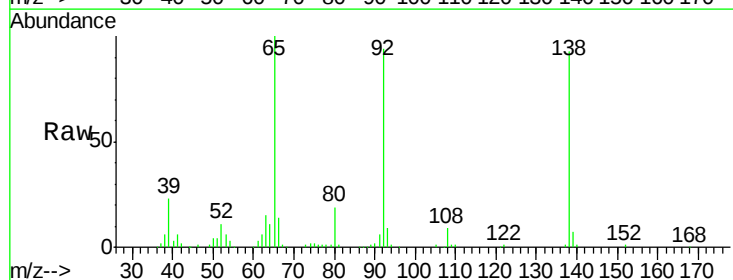
Tgt Ion:138 Resp: 142818

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

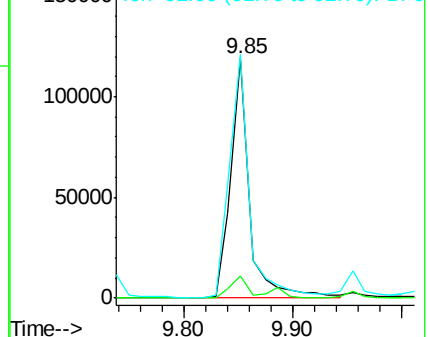
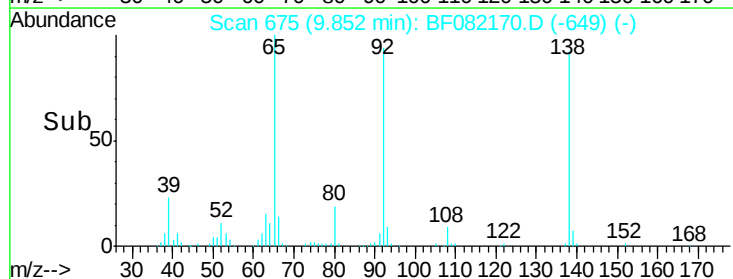
92 101.6 81.3 121.9



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

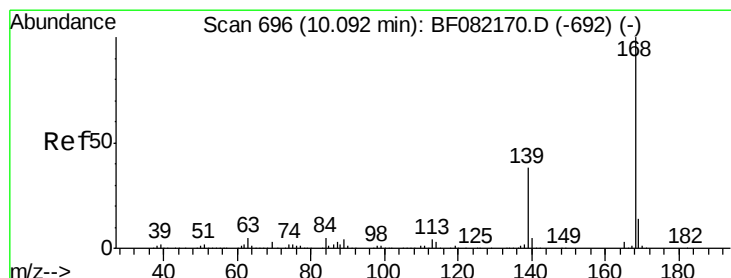
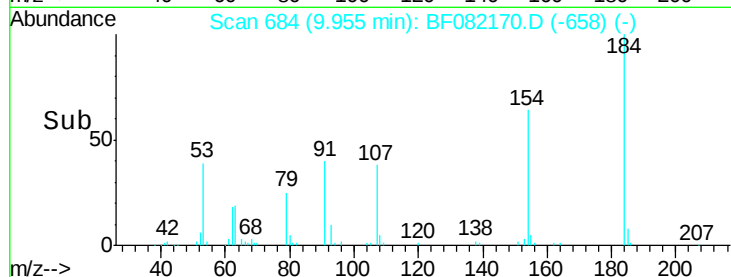
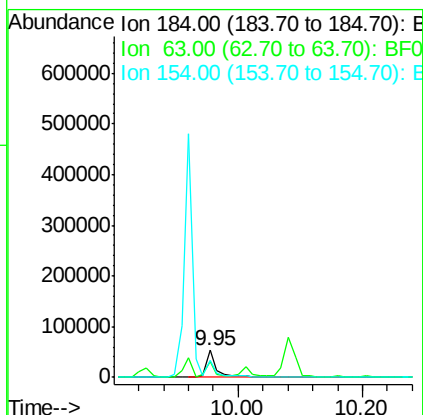
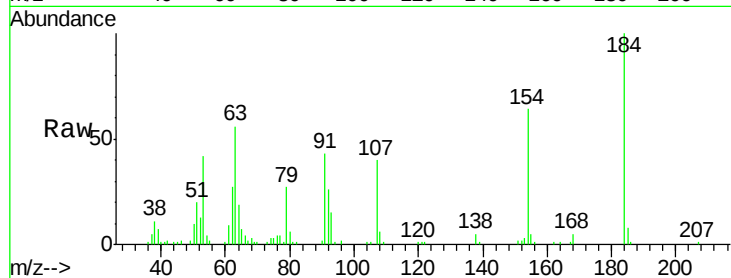




#53
2,4-Dinitrophenol
Concen: 55.31 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

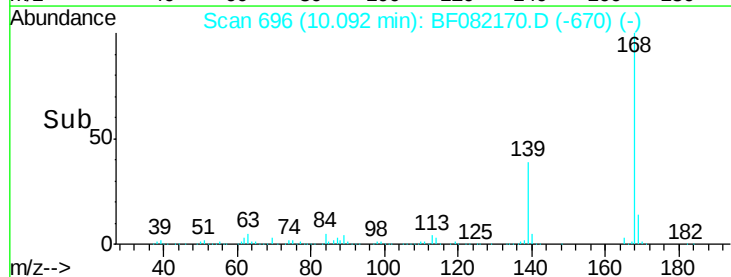
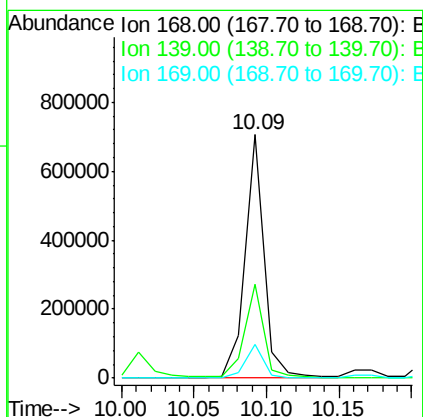
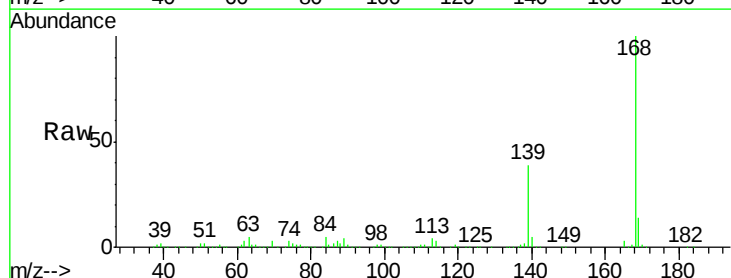
Instrument :
BNA_F
ClientSampleId :

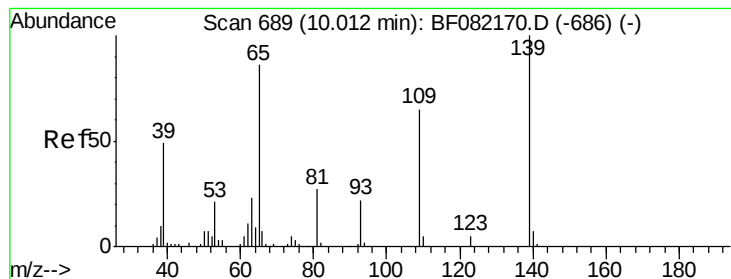
Tot Ion:184 Resp: 64416
Ion Ratio Lower Upper
184 100
63 56.4 45.1 67.7
154 64.0 51.2 76.8



#54
Dibenzofuran
Concen: 37.41 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:168 Resp: 643727
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 33.67 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

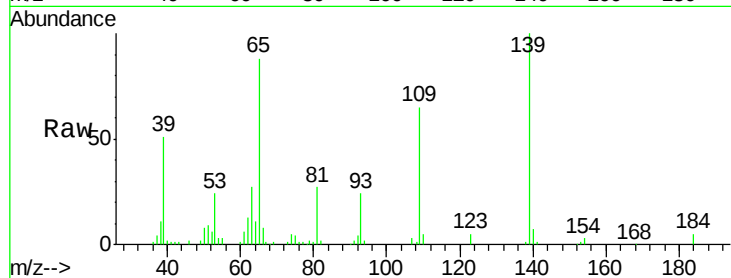
Tot Ion:139 Resp: 86159

Ion Ratio Lower Upper

139 100

109 64.8 44.8 84.8

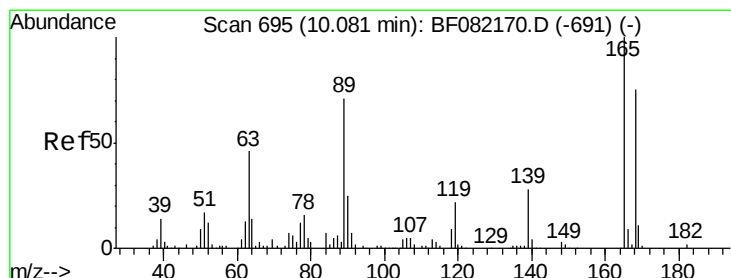
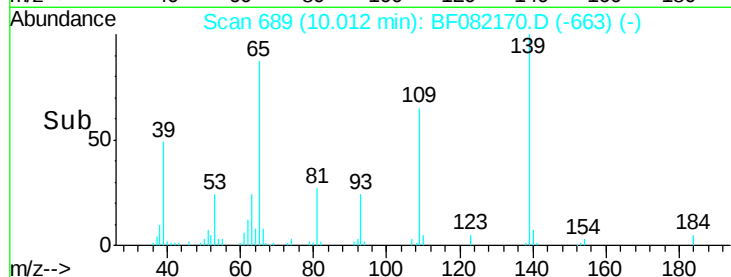
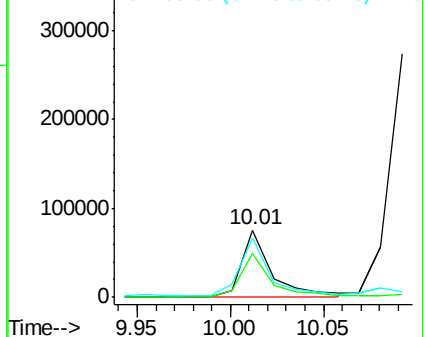
65 87.7 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.44 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Tgt Ion:165 Resp: 158631

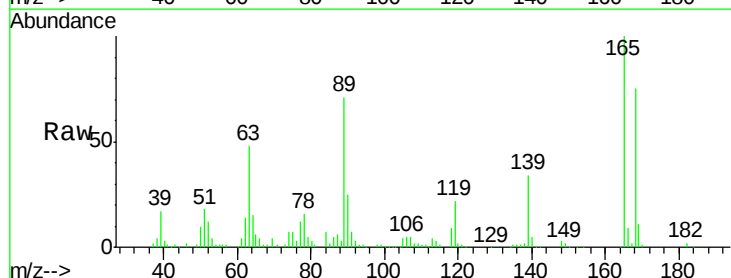
Ion Ratio Lower Upper

165 100

63 48.3 38.6 58.0

89 71.3 57.0 85.6

182 2.2 1.8 2.6

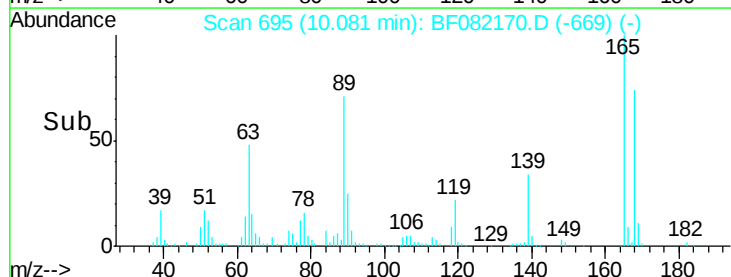
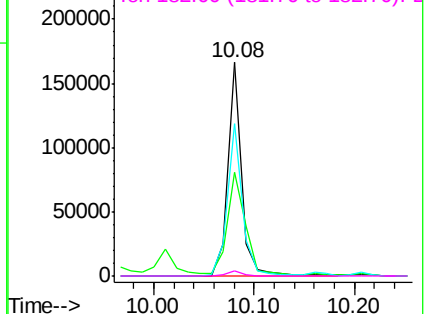


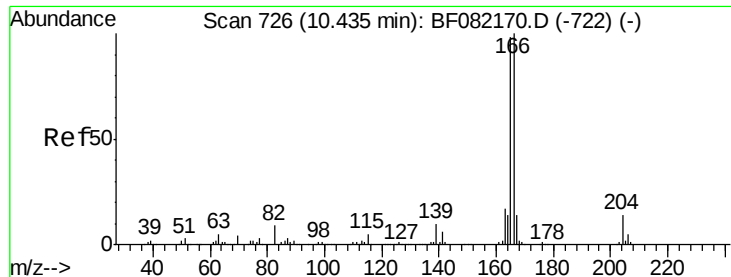
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.92 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

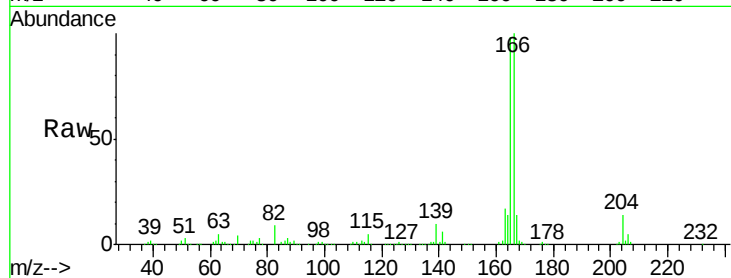
Tot Ion:166 Resp: 518442

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

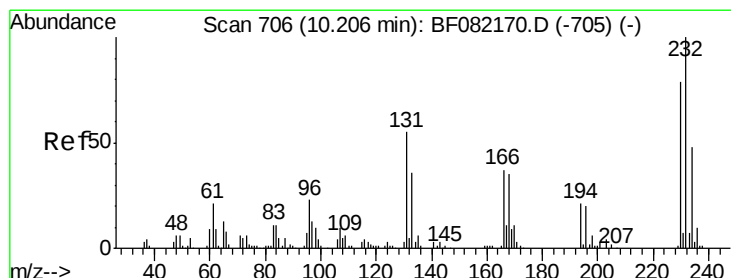
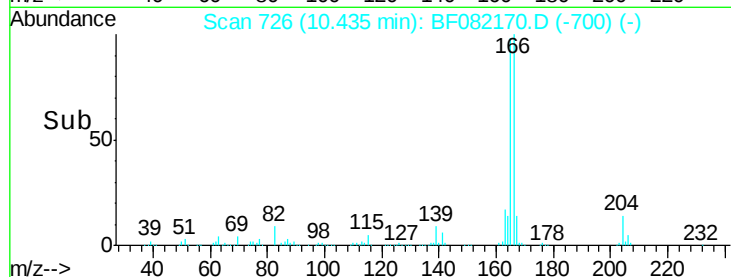
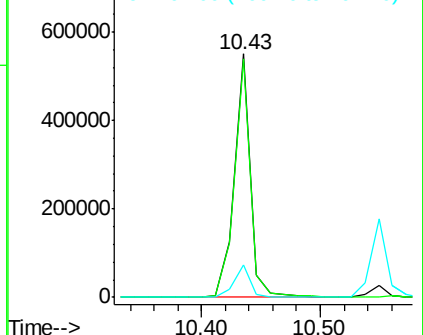
167 13.5 10.8 16.2



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: 37.48 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Tgt Ion:232 Resp: 134914

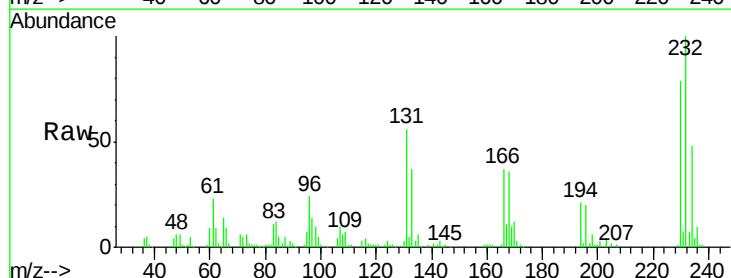
Ion Ratio Lower Upper

232 100

131 45.7 36.6 54.8

130 1.9 1.5 2.3

166 30.8 24.6 37.0

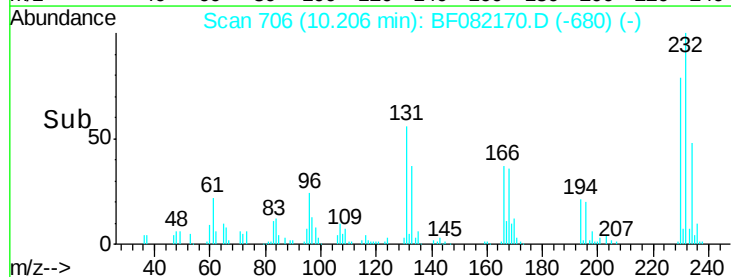
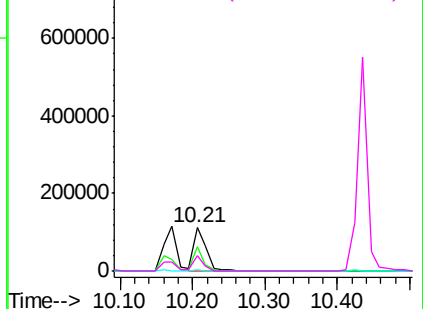


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.94 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

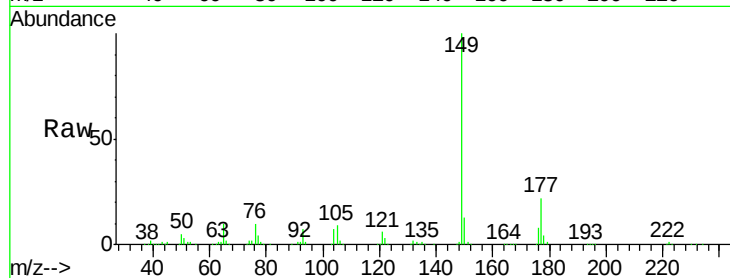
Tot Ion:149 Resp: 528409

Ion Ratio Lower Upper

149 100

177 22.0 17.6 26.4

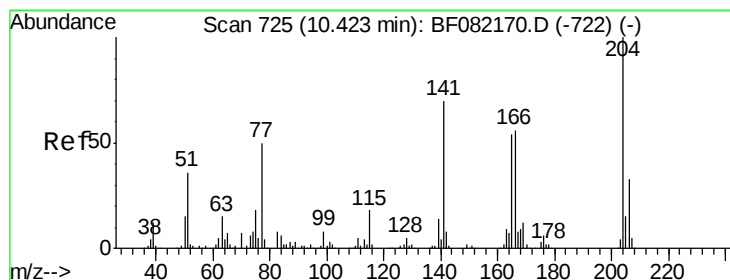
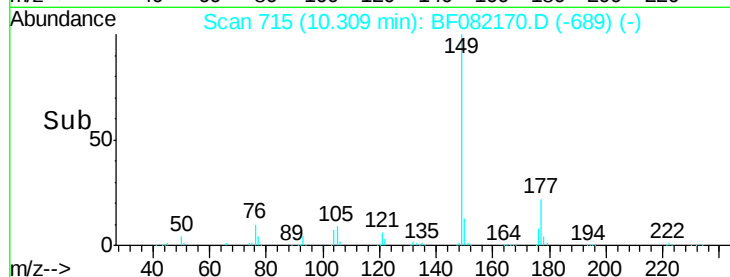
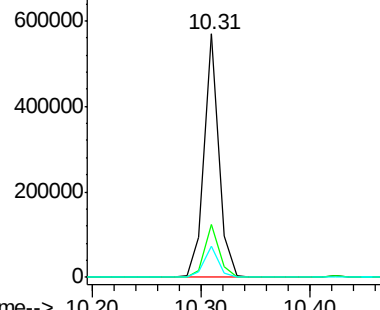
150 12.9 10.3 15.5



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: 36.45 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

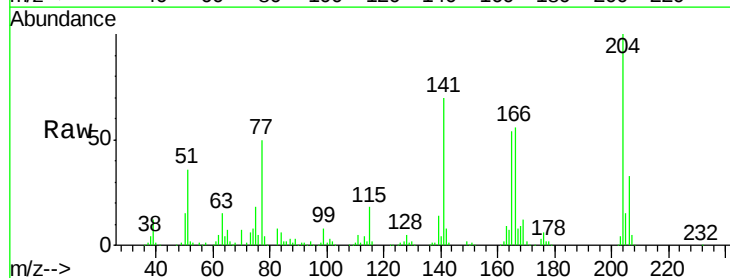
Tgt Ion:204 Resp: 228432

Ion Ratio Lower Upper

204 100

206 33.5 26.8 40.2

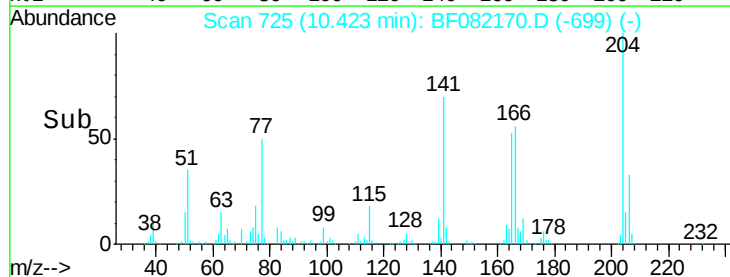
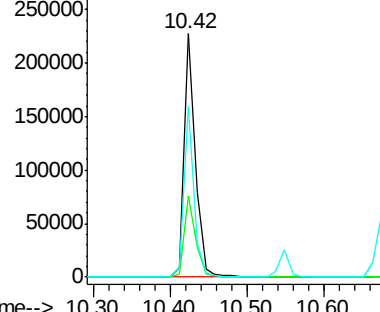
141 70.1 56.1 84.1



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: 38.74 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

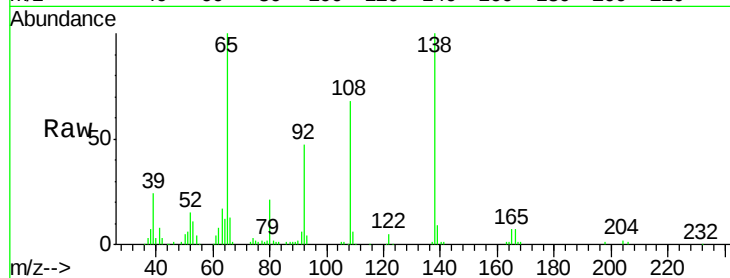
Tot Ion:138 Resp: 142424

Ion Ratio Lower Upper

138 100

92 46.8 26.8 66.8

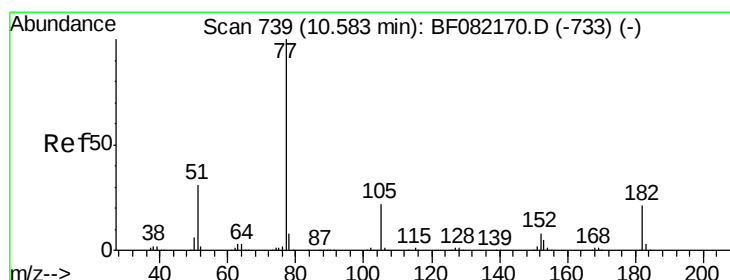
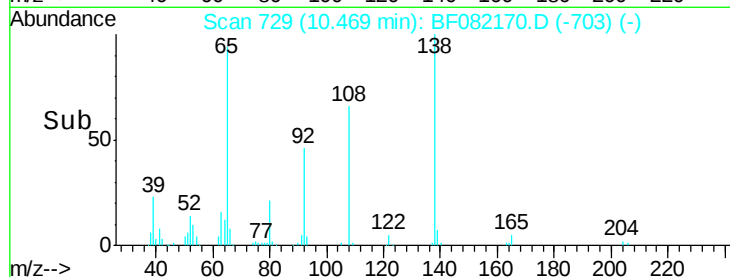
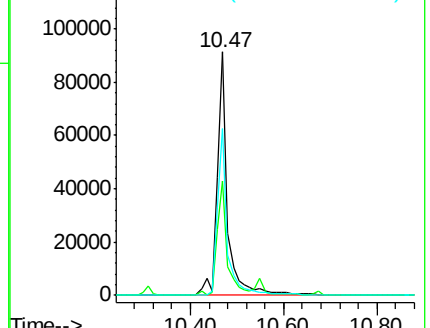
108 68.4 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.02 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Tgt Ion: 77 Resp: 503373

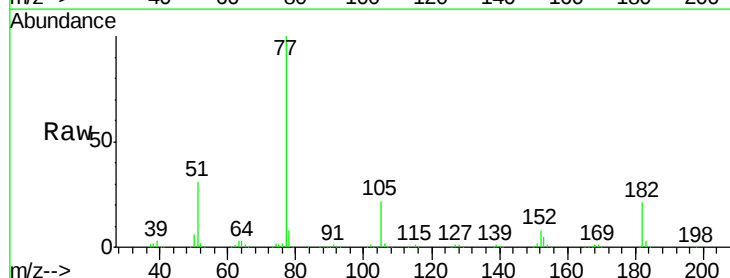
Ion Ratio Lower Upper

77 100

182 20.5 0.5 40.5

105 21.8 1.8 41.8

51 31.2 11.2 51.2

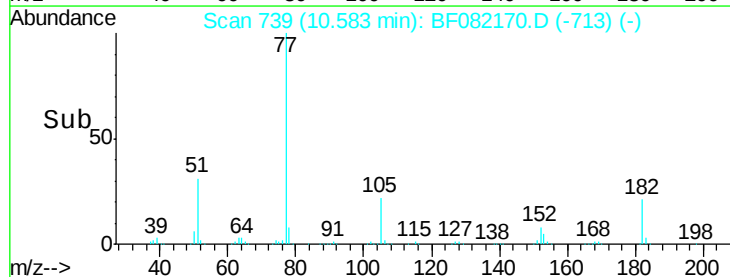
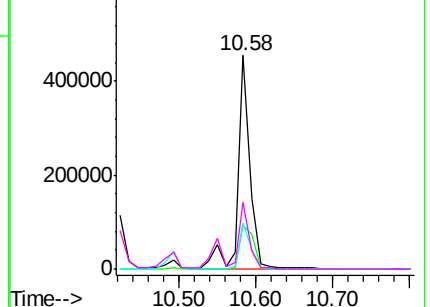


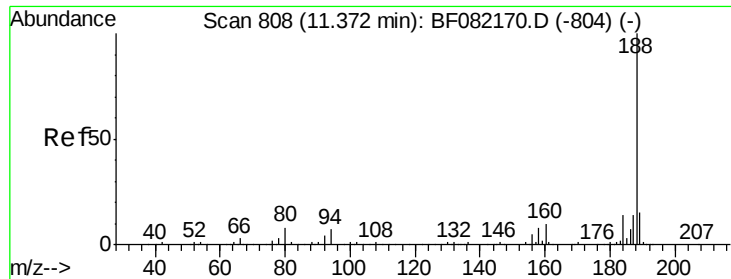
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

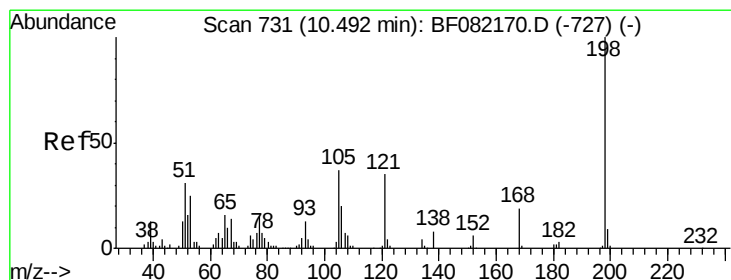
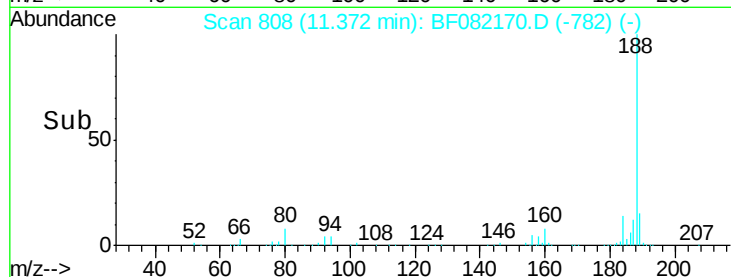
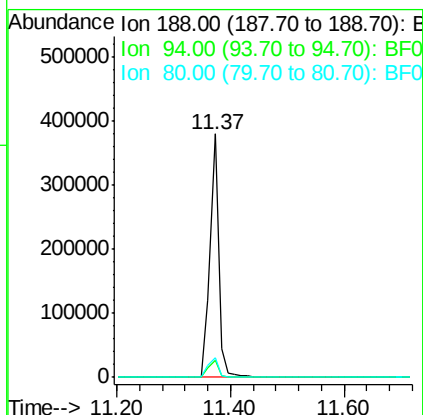
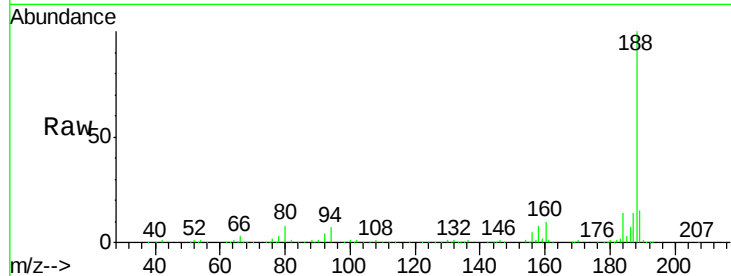




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

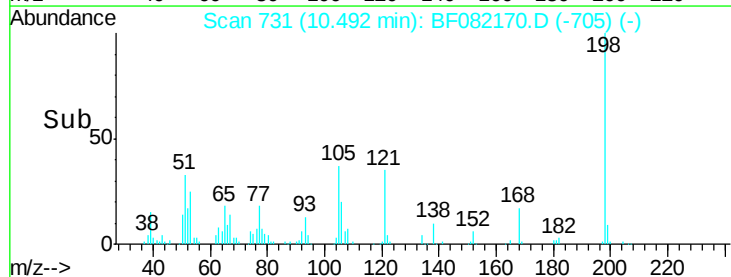
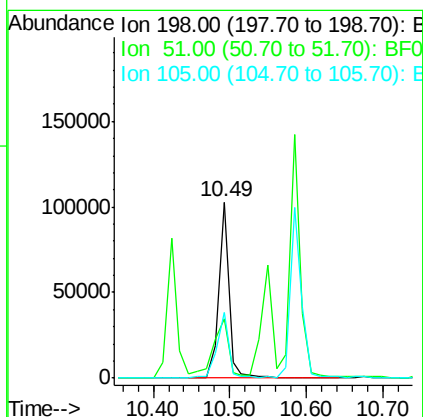
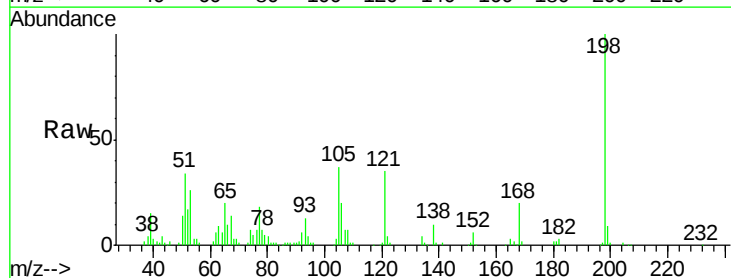
Instrument :
BNA_F
ClientSampleId :

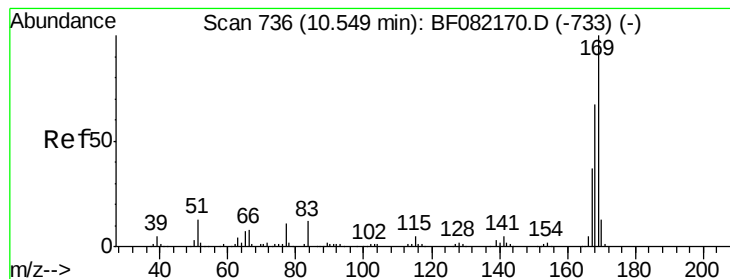
Tot Ion:188 Resp: 390036
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 8.0 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 53.53 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:198 Resp: 96257
Ion Ratio Lower Upper
198 100
51 33.6 13.6 53.6
105 37.1 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 38.88 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

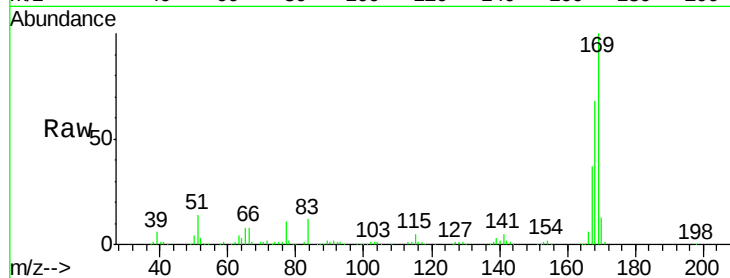
Tot Ion:169 Resp: 458423

Ion Ratio Lower Upper

169 100

168 67.5 54.0 81.0

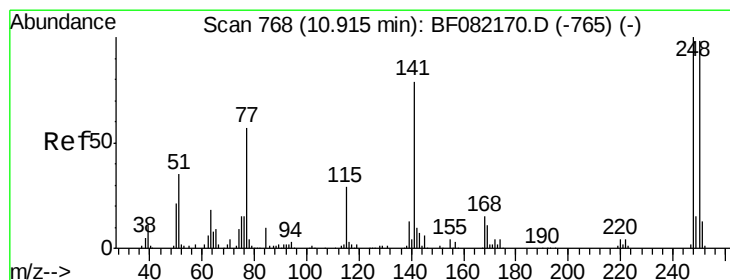
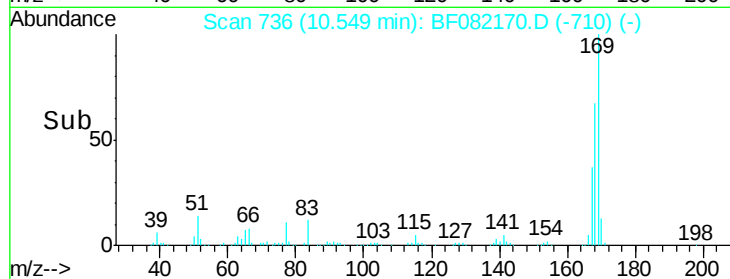
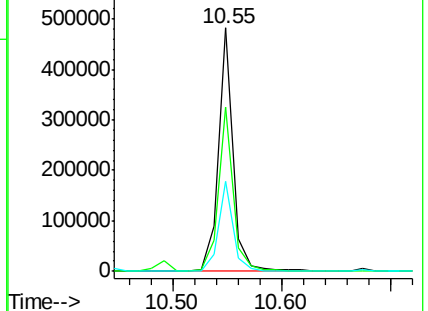
167 37.0 29.6 44.4



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: 38.40 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

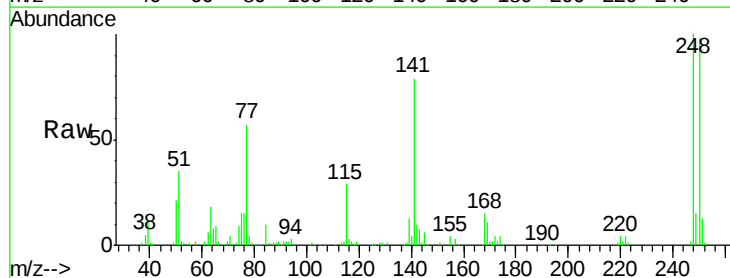
Tgt Ion:248 Resp: 151142

Ion Ratio Lower Upper

248 100

250 98.2 78.6 117.8

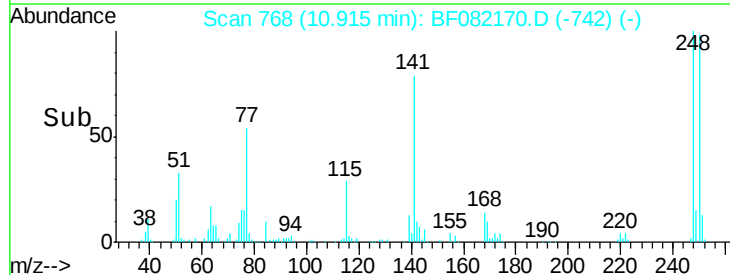
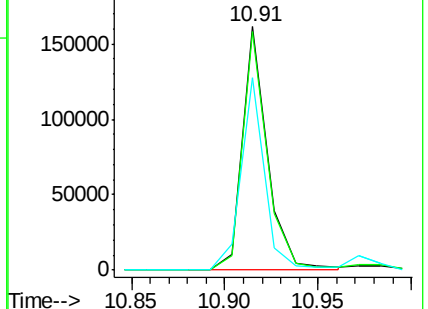
141 79.1 63.3 94.9

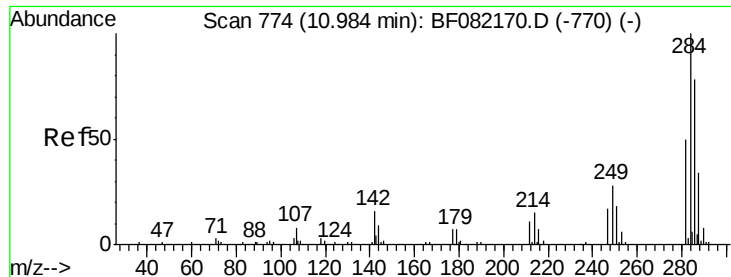


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

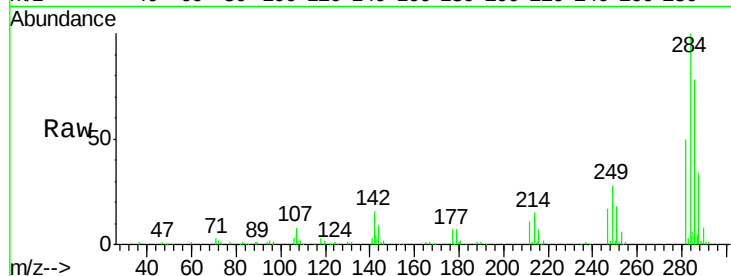




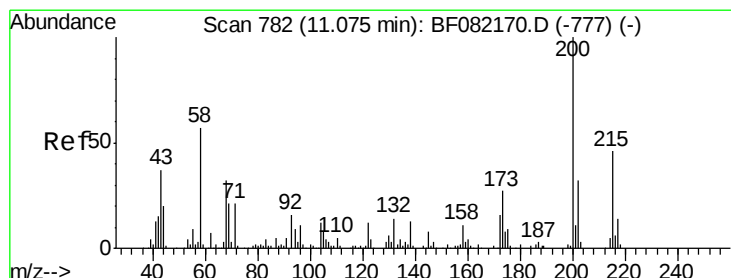
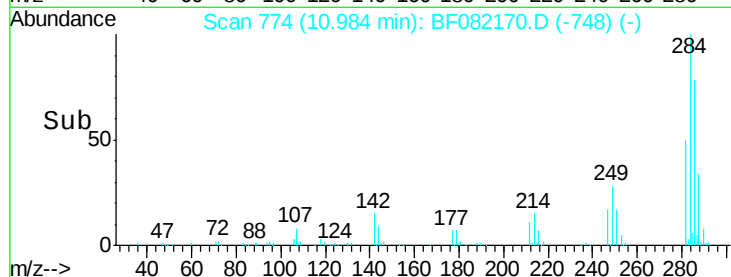
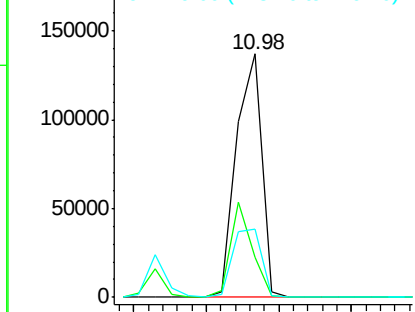
#67
Hexachlorobenzene
Concen: 37.96 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 166813
Ion Ratio Lower Upper
284 100
142 16.3 13.0 19.6
249 28.1 22.5 33.7

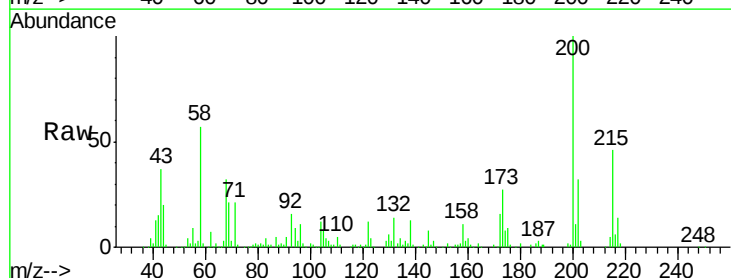


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

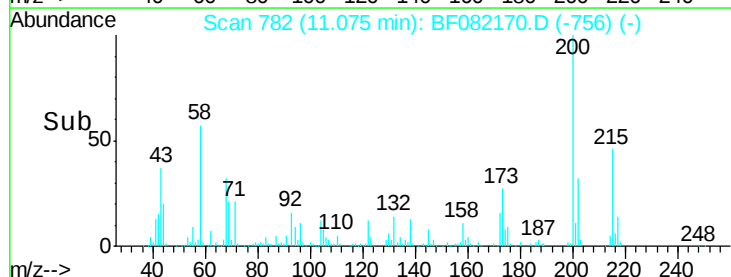
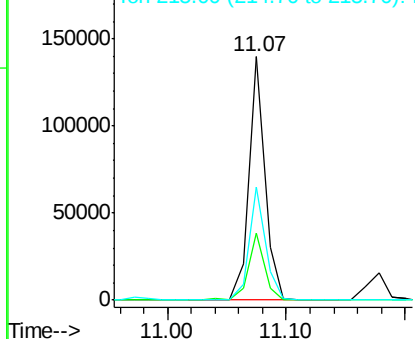


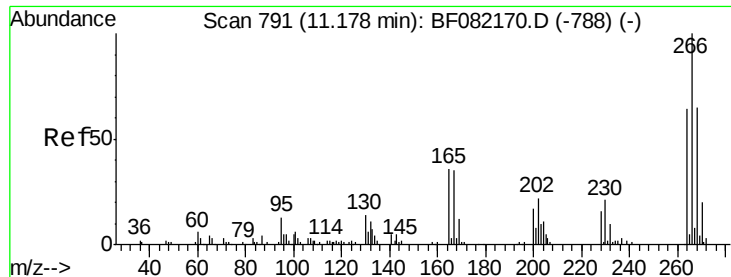
#68
Atrazine
Concen: 36.74 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:200 Resp: 133522
Ion Ratio Lower Upper
200 100
173 27.3 7.3 47.3
215 46.2 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

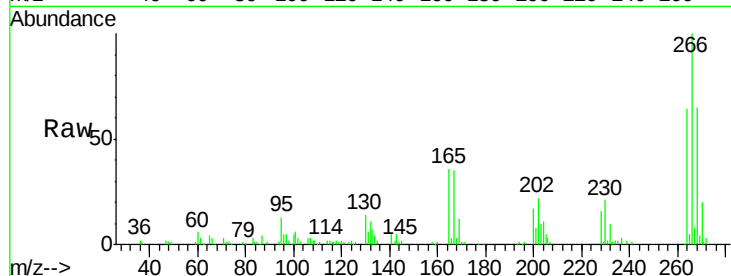




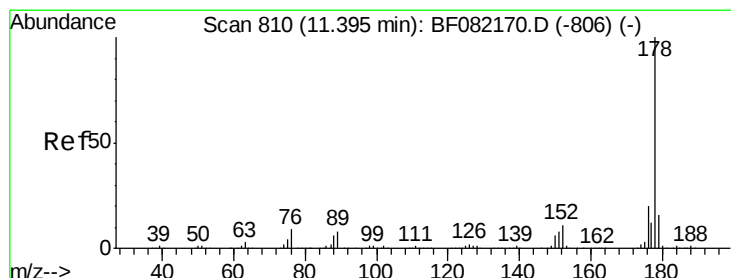
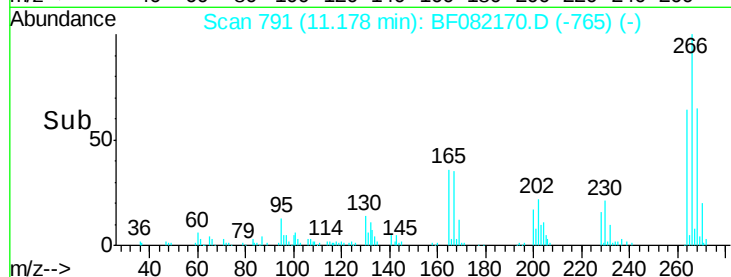
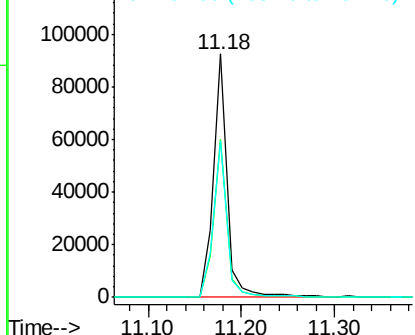
#69
 Pentachlorophenol
 Concen: 38.49 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96071
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.0 78.0
 264 64.2 51.4 77.0

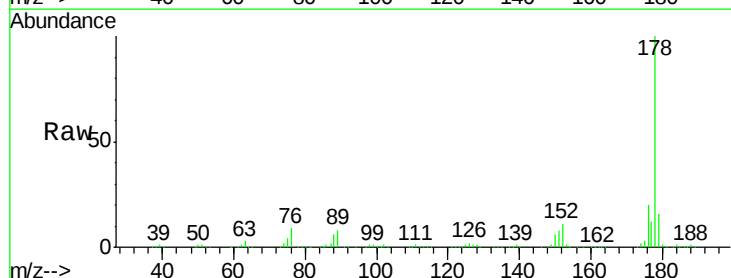


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

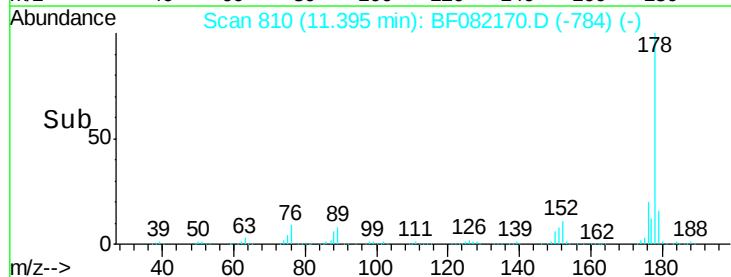
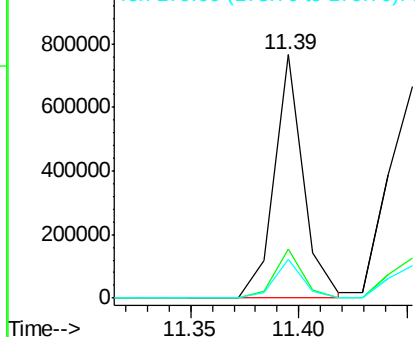


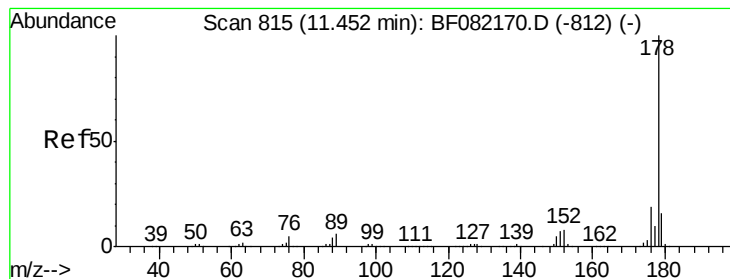
#70
 Phenanthrene
 Concen: 35.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion:178 Resp: 714640
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.8 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: 40.53 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

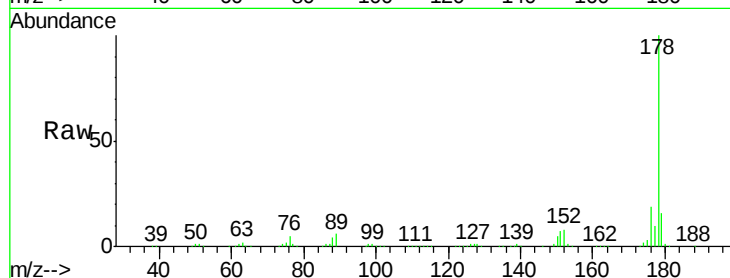
Tot Ion:178 Resp: 810420

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

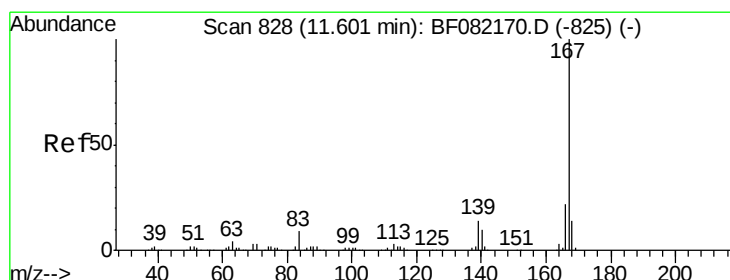
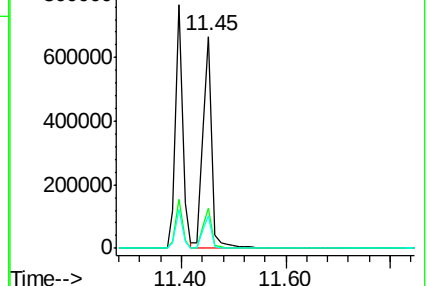
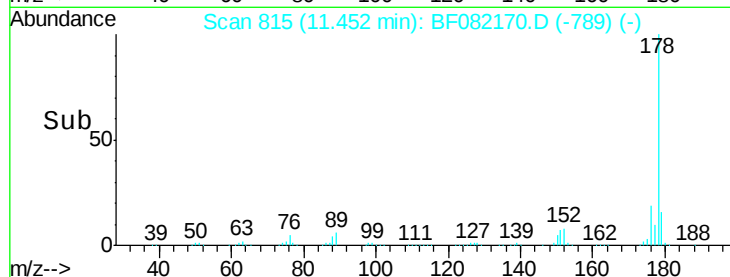
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.84 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

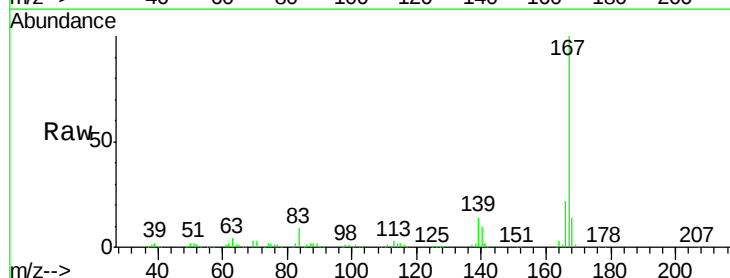
Tgt Ion:167 Resp: 694629

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

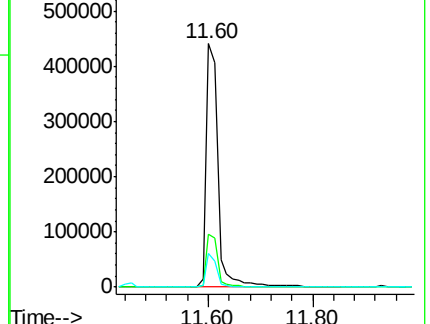
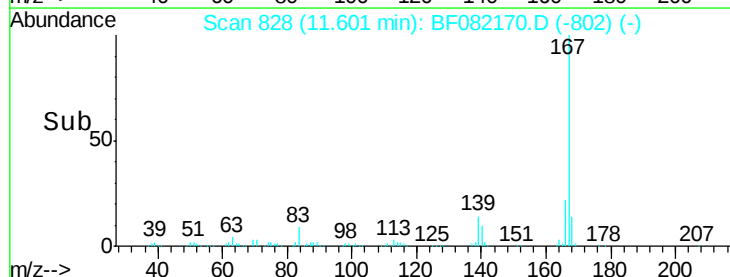
139 14.0 11.2 16.8

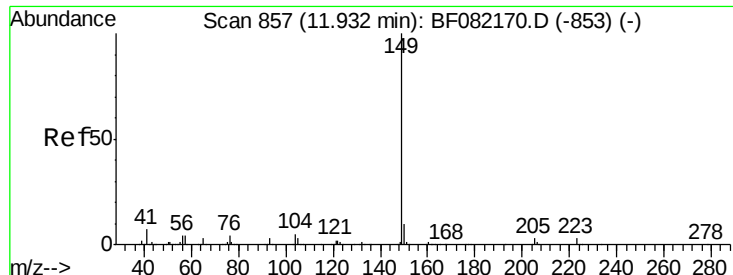


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.62 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

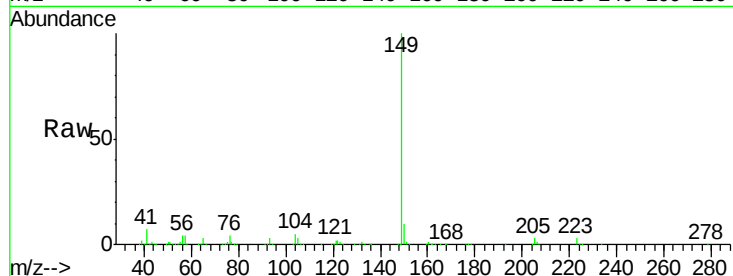
Tot Ion:149 Resp: 871312

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

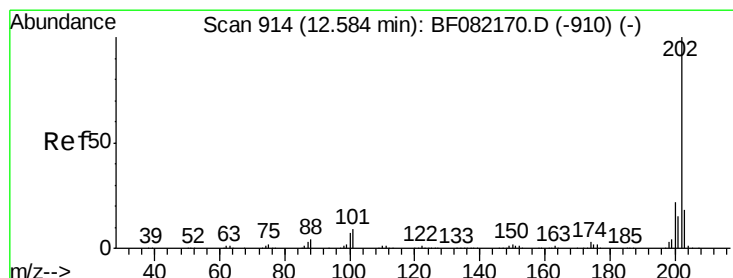
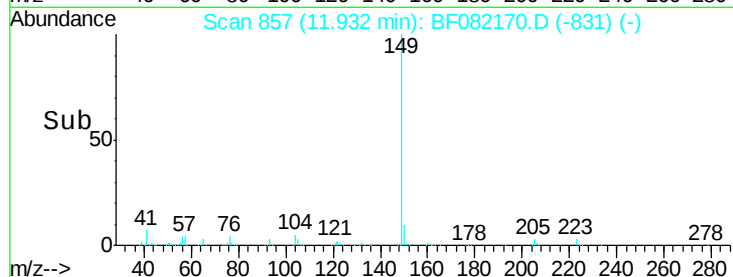
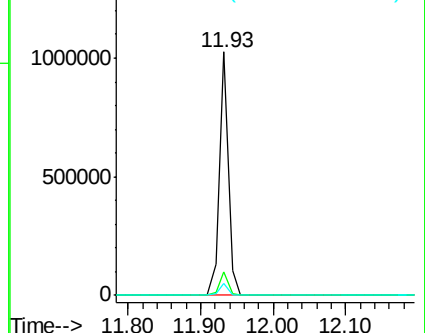
104 4.8 3.8 5.8



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: 39.36 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

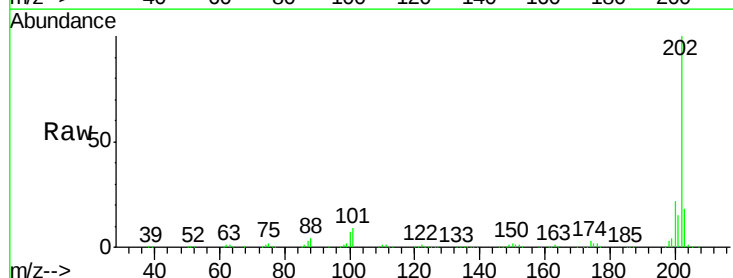
Tgt Ion:202 Resp: 832032

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.3

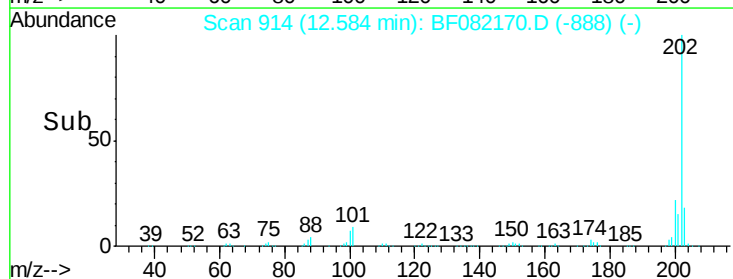
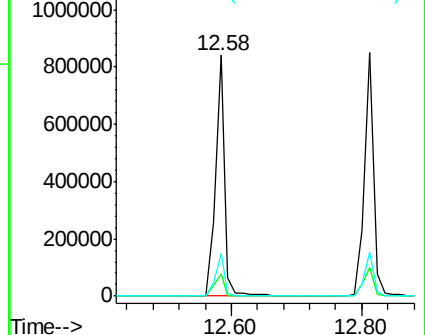
203 17.8 0.0 37.8

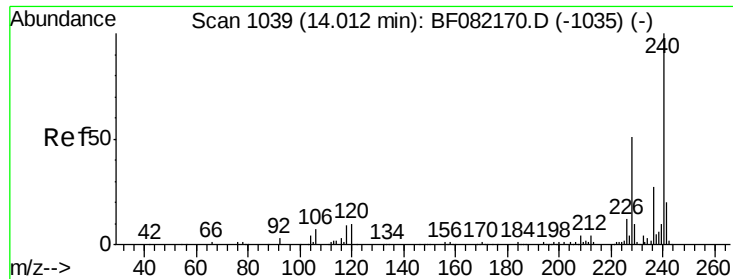


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

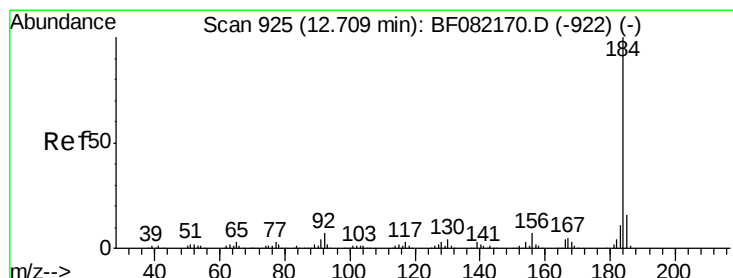
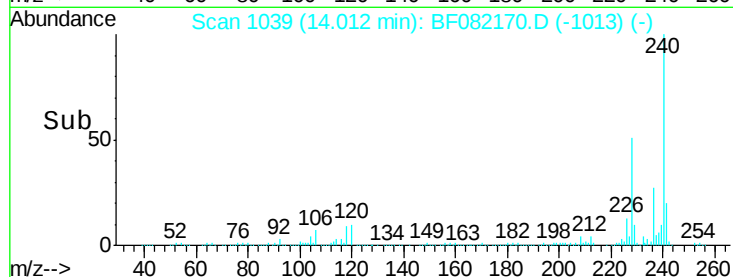
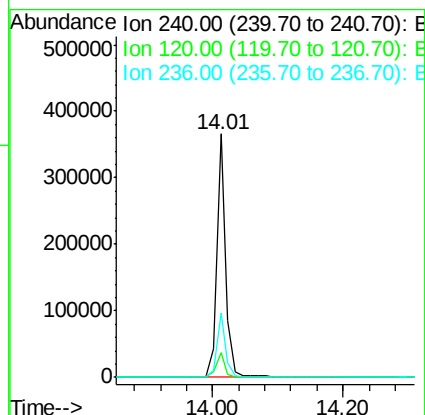
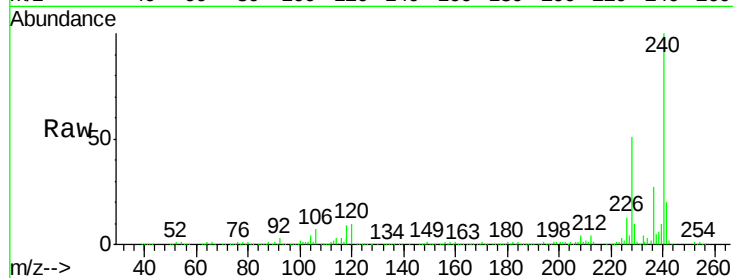




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

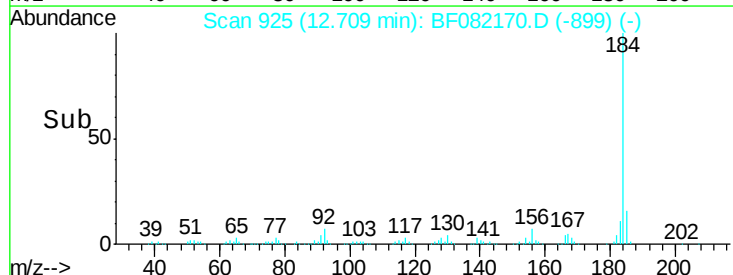
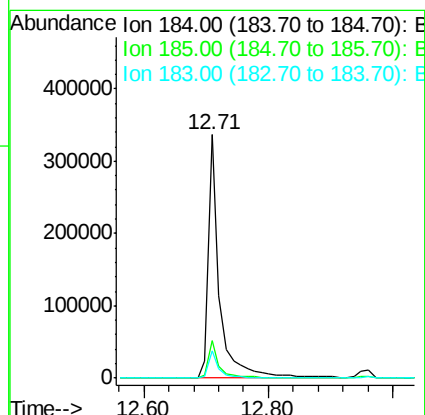
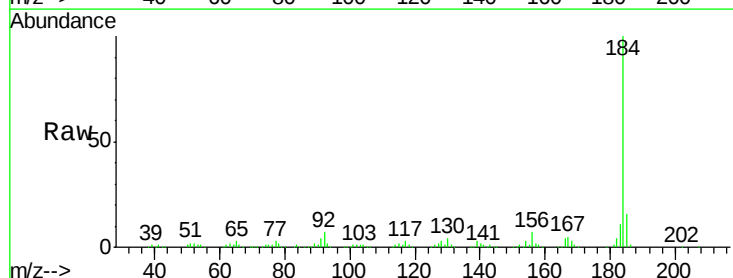
Instrument :
BNA_F
ClientSampled :

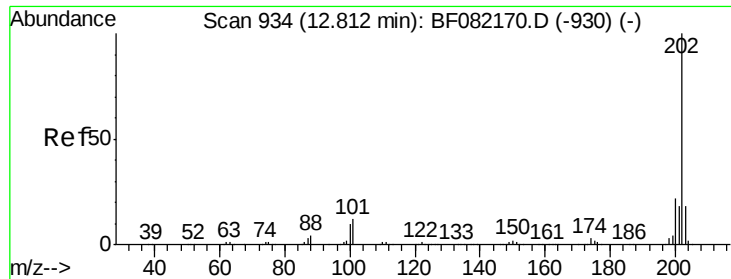
Tot Ion:240 Resp: 355667
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.6 21.3 31.9



#76
Benzidine
Concen: 40.11 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:184 Resp: 422273
Ion Ratio Lower Upper
184 100
185 15.6 12.5 18.7
183 11.4 9.1 13.7

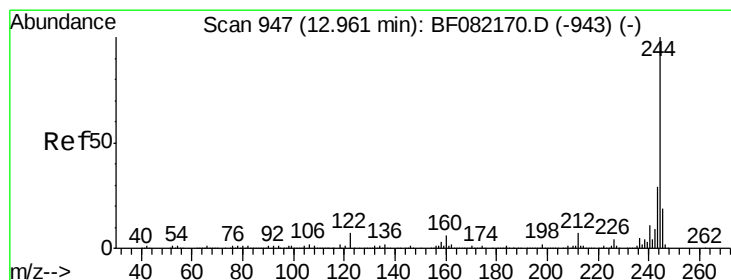
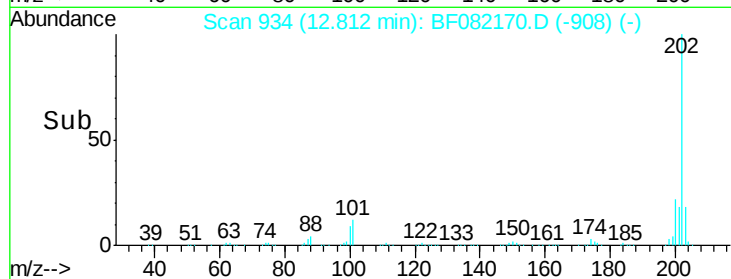
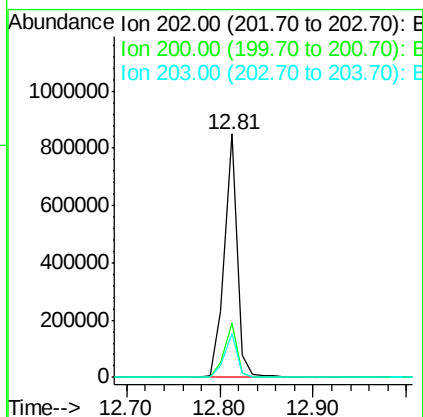
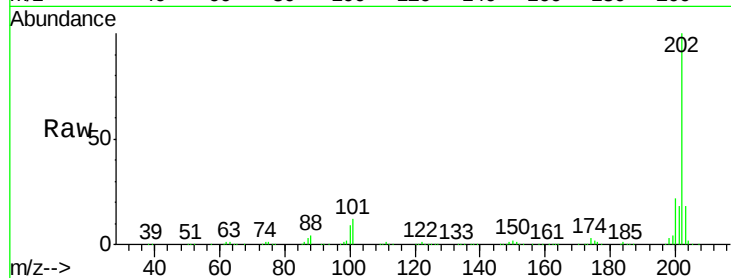




#77
Pvrene
Concen: 38.60 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

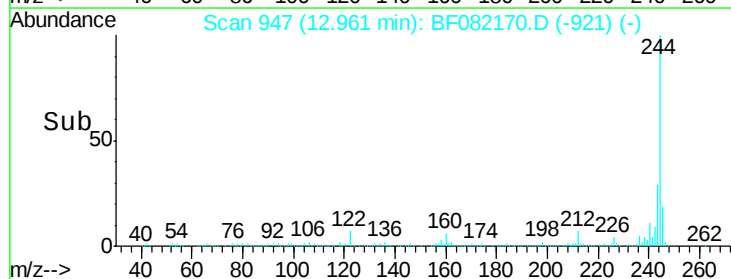
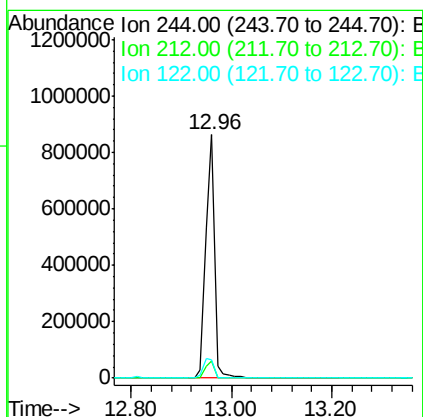
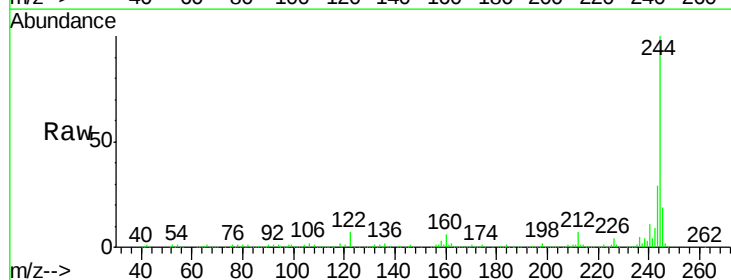
Instrument :
BNA_F
ClientSampleId :

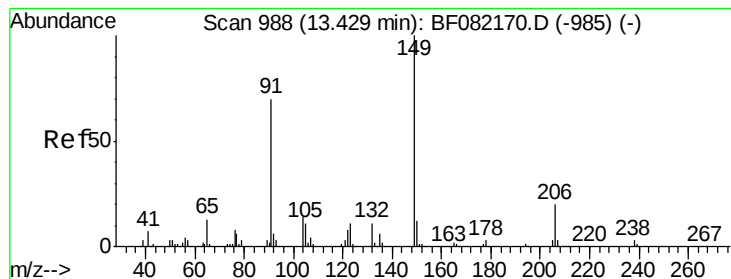
Tot Ion:202 Resp: 808843
Ion Ratio Lower Upper
202 100
200 22.4 17.9 26.9
203 18.1 14.5 21.7



#78
Terphenyl-d14
Concen: 82.41 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082170.D
Acq: 10 Oct 2015 12:02

Tgt Ion:244 Resp: 1047171
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.4 5.9 8.9





#79

Butylbenzylphthalate

Concen: 44.98 ng

RT: 13.43 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

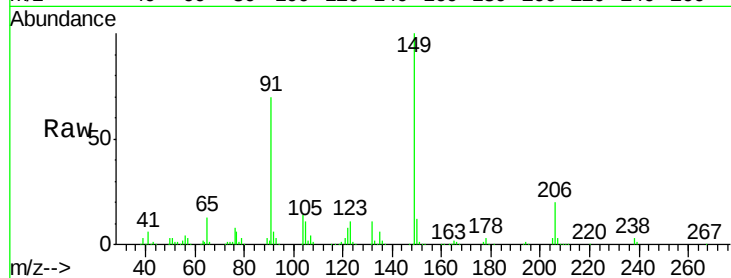
Tot Ion:149 Resp: 363049

Ion Ratio Lower Upper

149 100

91 69.6 55.7 83.5

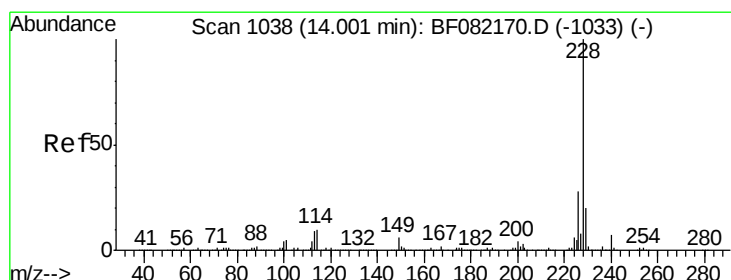
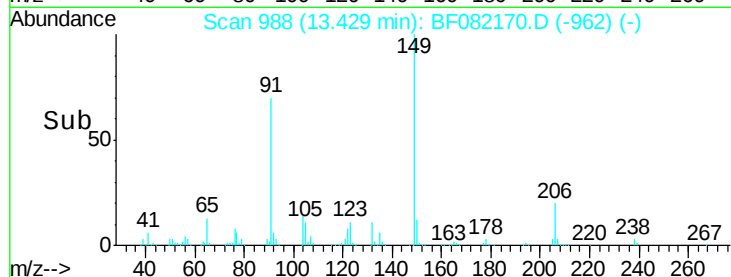
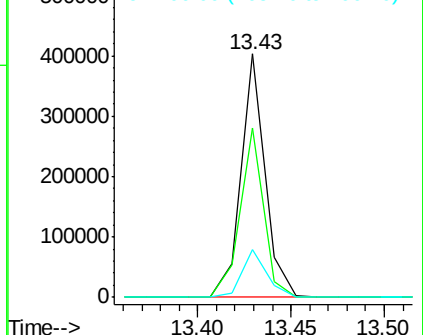
206 19.5 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.37 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

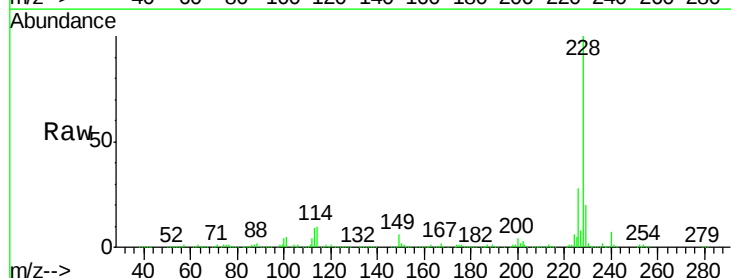
Tgt Ion:228 Resp: 709573

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

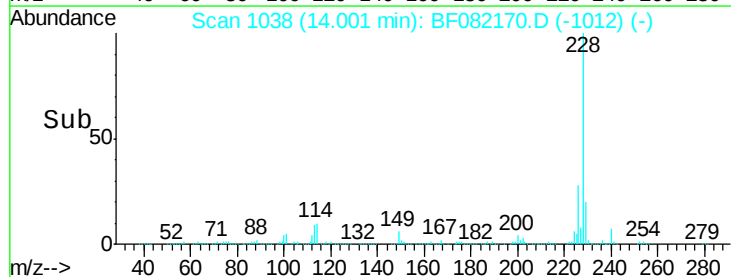
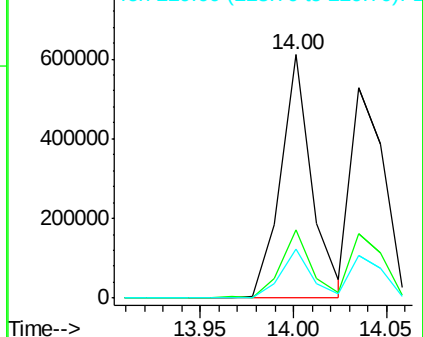
229 20.2 16.2 24.2

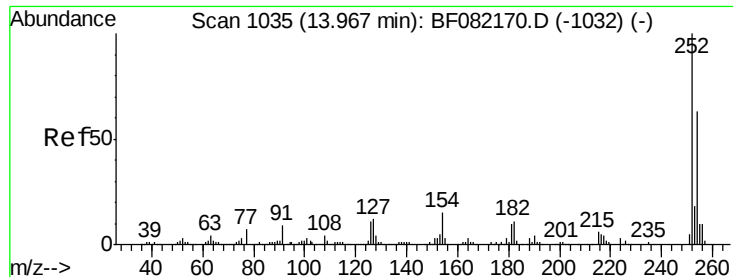


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

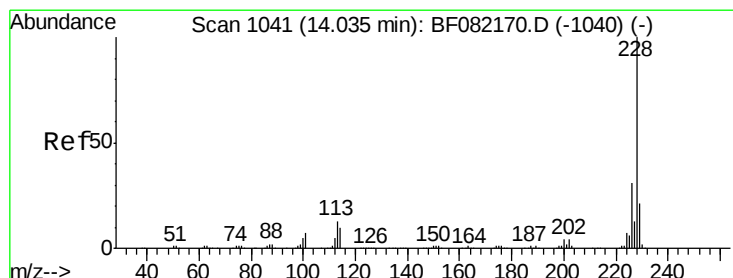
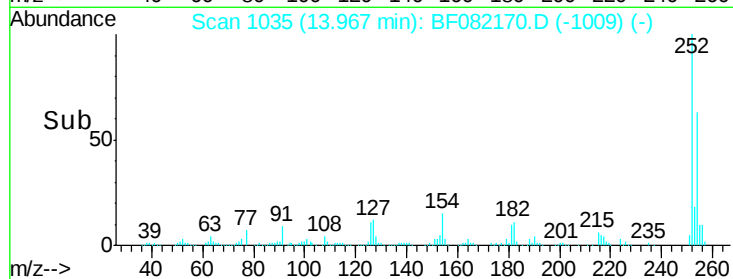
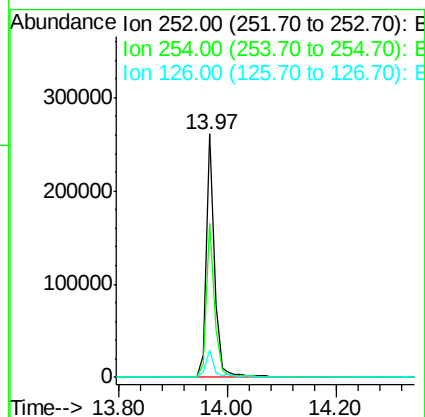
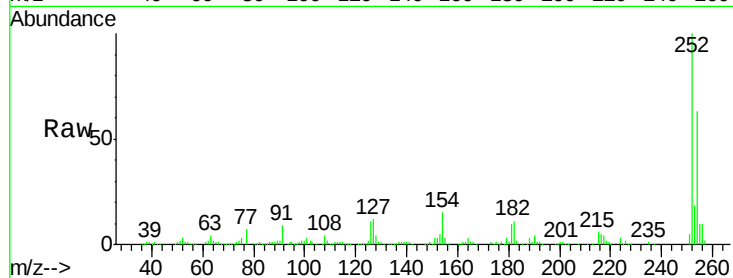




#81
 3,3'-Dichlorobenzidine
 Concen: 42.27 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

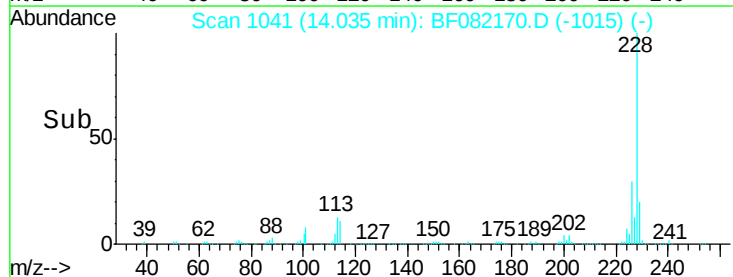
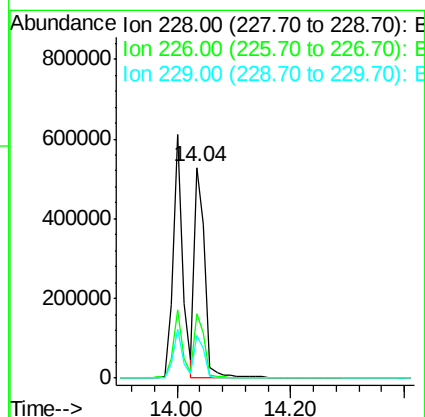
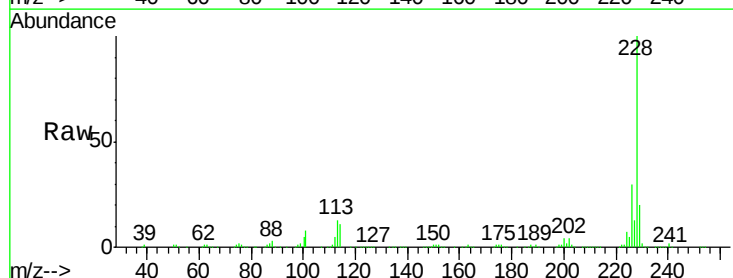
Instrument :
 BNA_F
 ClientSampleId :

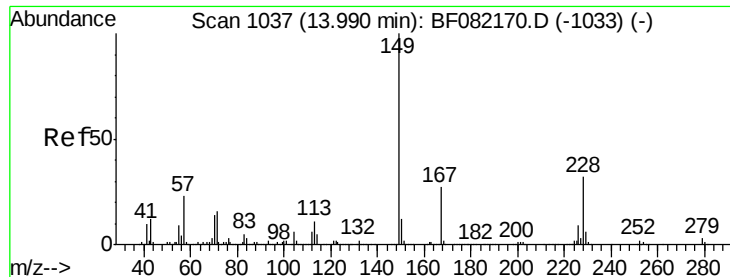
Tot Ion:252 Resp: 272833
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.7 76.1
 126 11.3 9.0 13.6



#82
 Chrysene
 Concen: 37.40 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion:228 Resp: 680592
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.4 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.69 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

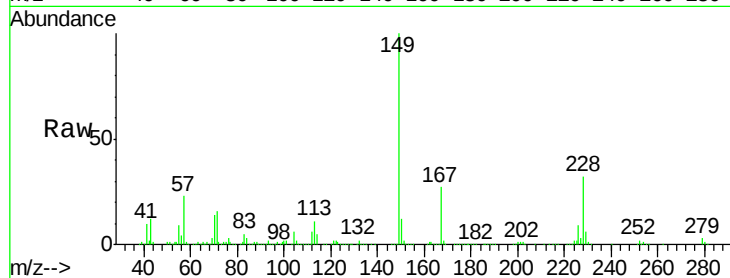
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 543237

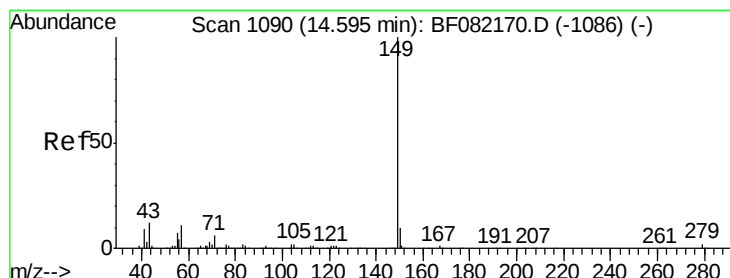
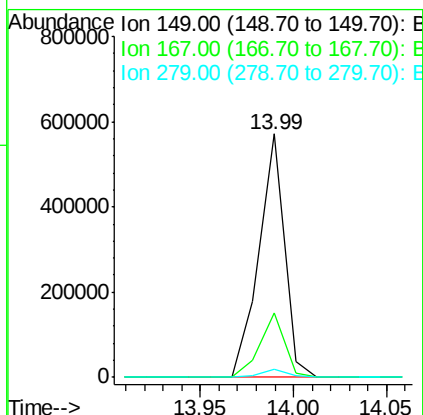
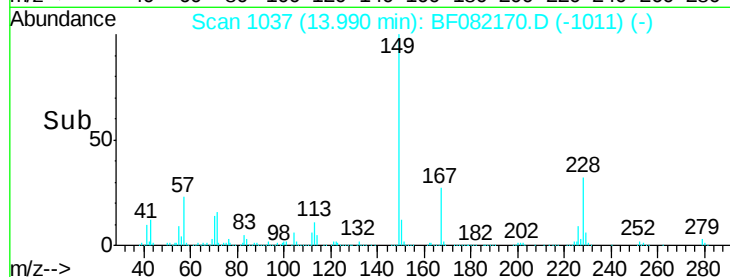
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.3	2.6	4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.45 ng

RT: 14.60 min Scan# 1090

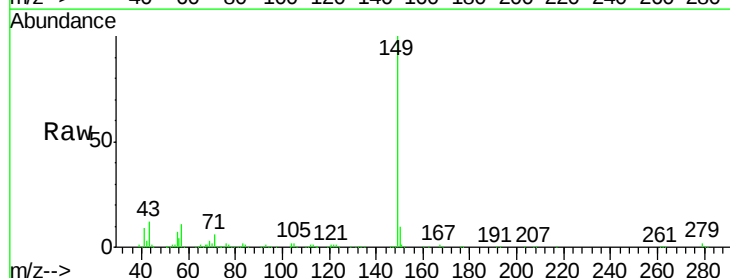
Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Tgt Ion:149 Resp: 883412

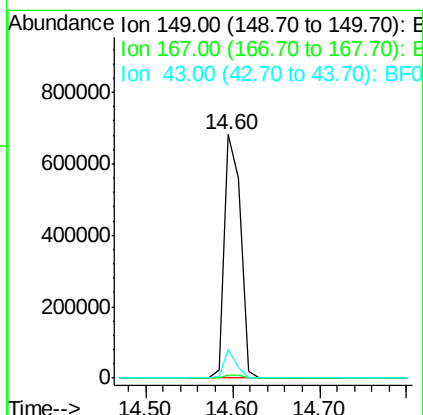
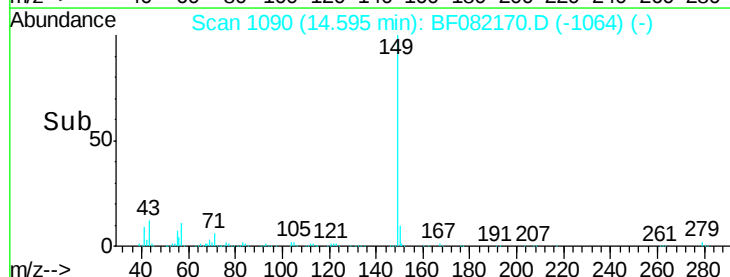
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.4	11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



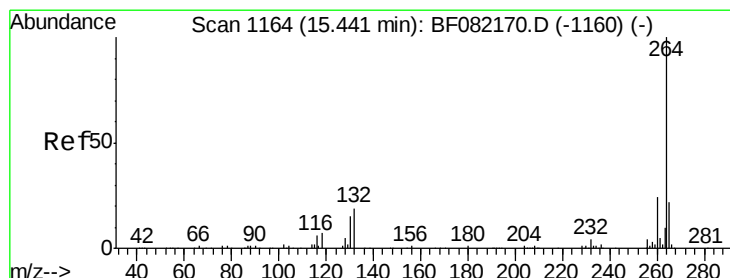
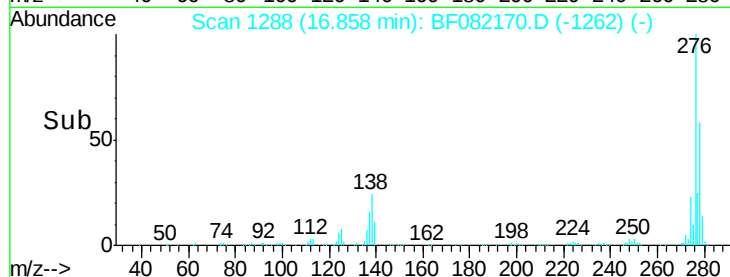
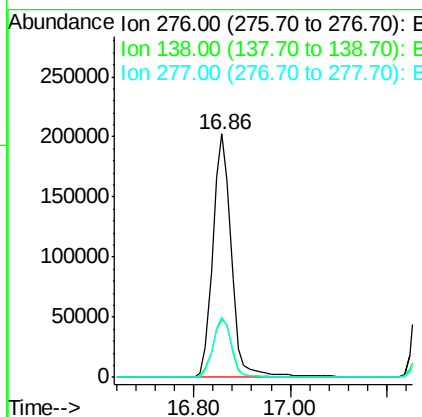
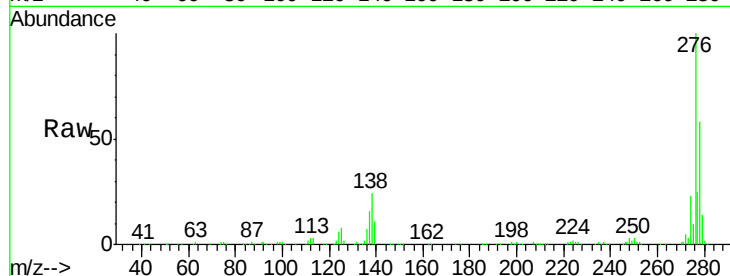


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.26 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 551031

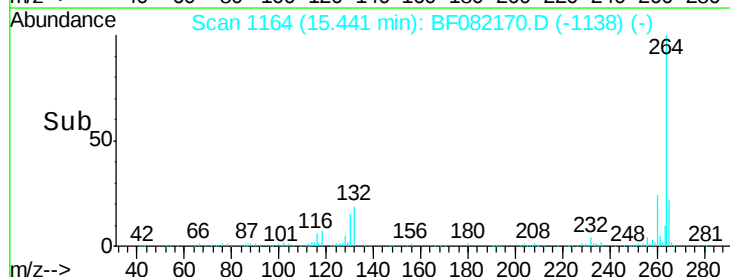
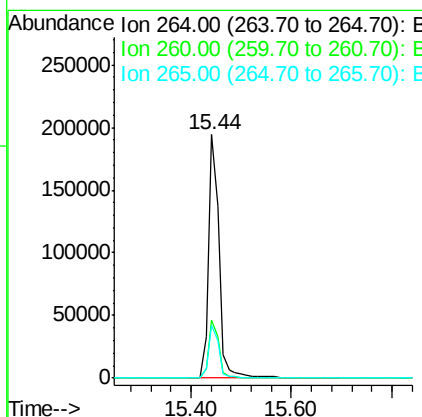
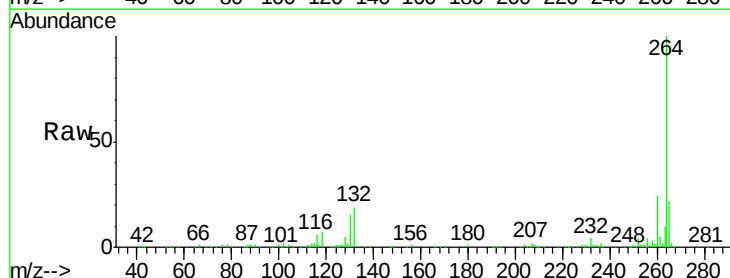
Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082170.D
 Acq: 10 Oct 2015 12:02

Tgt Ion:264 Resp: 281944

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 76.83 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

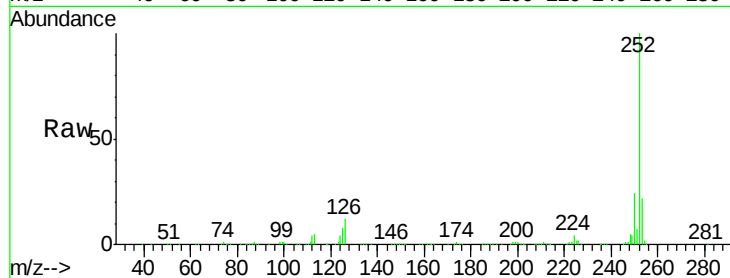
Tot Ion:252 Resp: 1266674

Ion Ratio Lower Upper

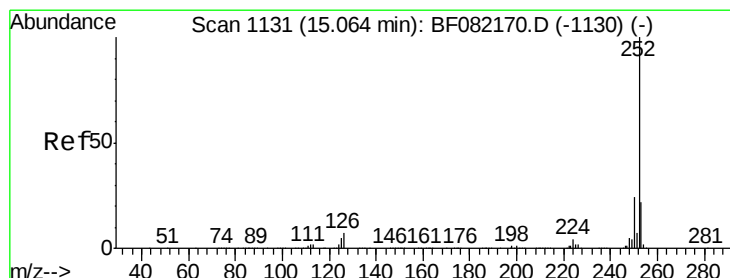
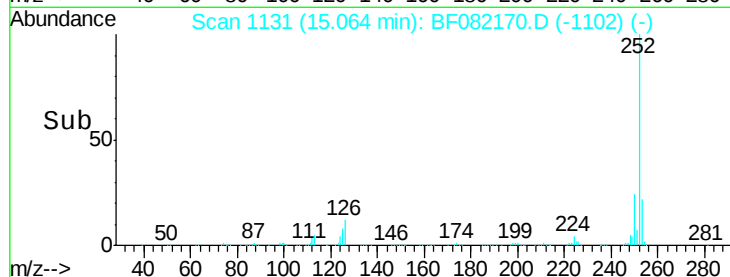
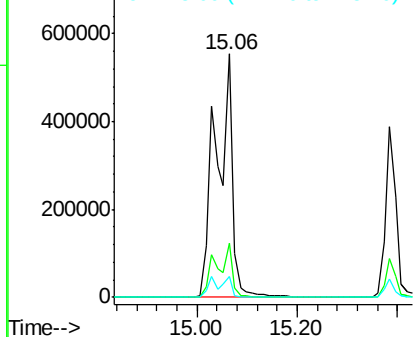
252 100

253 22.2 18.0 27.0

125 8.4 8.6 12.8#



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



#88

Benzo(k)fluoranthene

Concen: 86.94 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

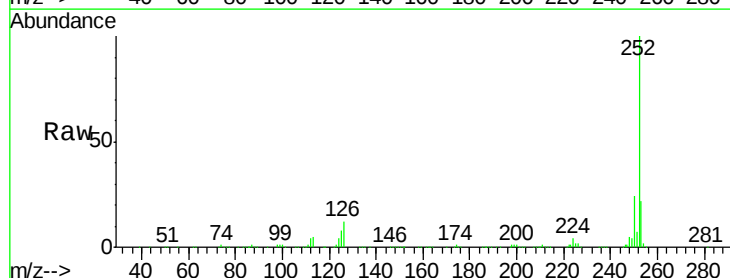
Tgt Ion:252 Resp: 1268697

Ion Ratio Lower Upper

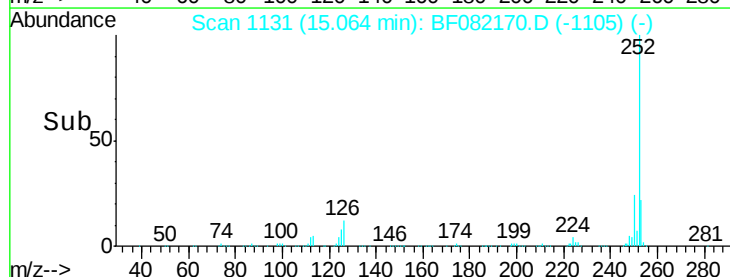
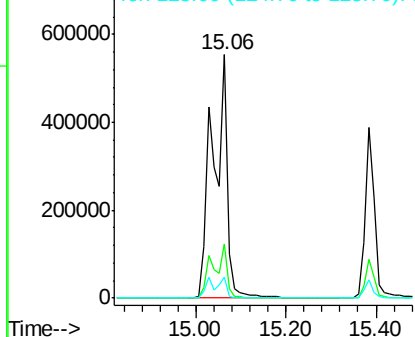
252 100

253 22.2 17.8 26.6

125 8.4 6.7 10.1



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





#89

Benzo(a)pyrene

Concen: 40.35 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

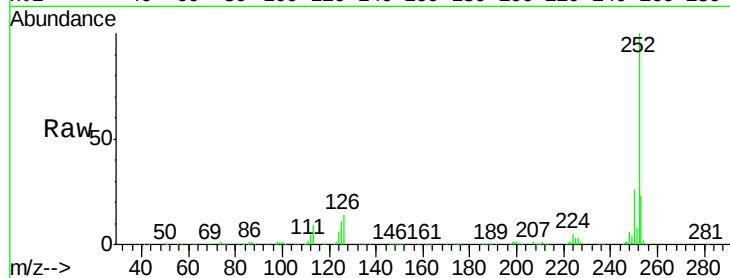
Tot Ion:252 Resp: 566452

Ion Ratio Lower Upper

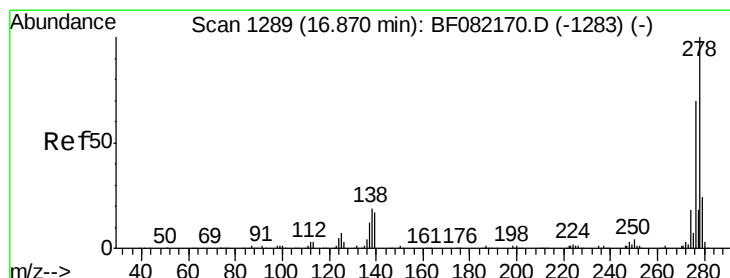
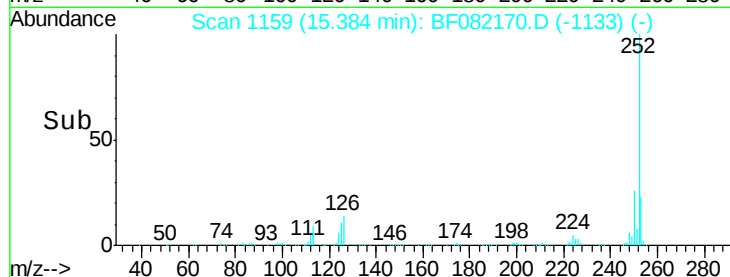
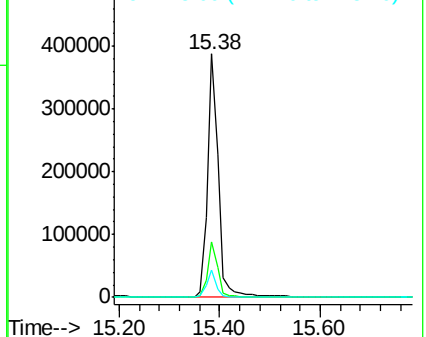
252 100

253 22.7 18.2 27.2

125 11.1 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: 39.18 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

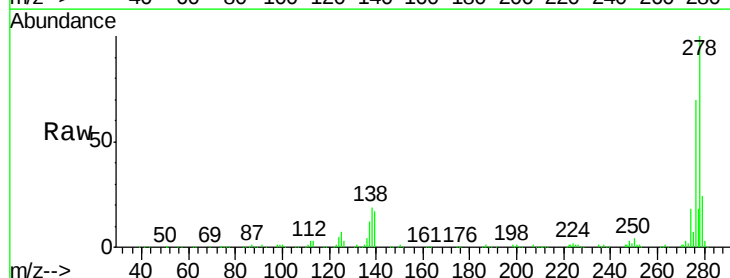
Tgt Ion:278 Resp: 459410

Ion Ratio Lower Upper

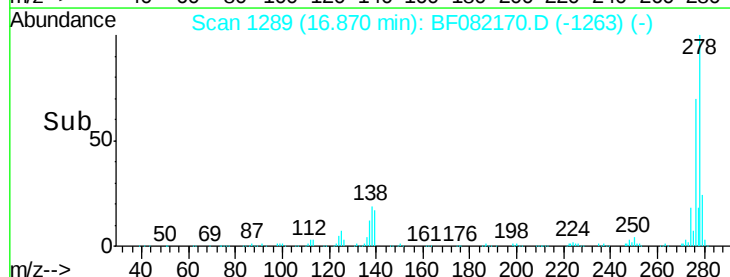
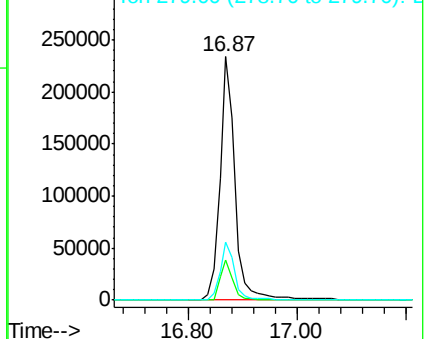
278 100

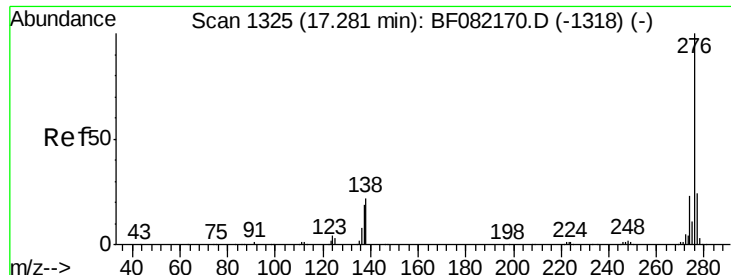
139 16.6 13.3 19.9

279 23.6 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: 36.24 ng

RT: 17.28 min Scan# 1325

Delta R.T. 0.00 min

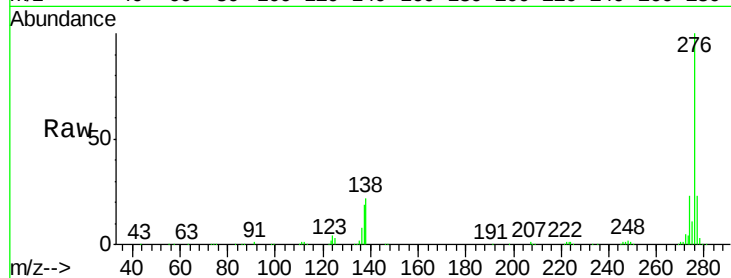
Lab File: BF082170.D

Acq: 10 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 431417

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.8 17.4 26.2

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

