

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082215.D
 Acq On : 11 Oct 2015 10:38
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:08:08 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 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	347956	20.00	ng	0.17
21) Naphthalene-d8	8.13	136	458599	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	199595	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	328944	20.00	ng	0.00
75) Chrysene-d12	14.01	240	286326	20.00	ng	0.00
86) Perylene-d12	15.45	264	260356	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	484621	28.11	ng	0.00
7) Phenol-d6	6.48	99	612775	27.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	530228	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	124624	66.58	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1036620	86.13	ng	0.00
78) Terphenyl-d14	12.96	244	831231	76.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	117125	13.52	ng	99
3) Pyridine	3.14	79	318544	15.81	ng	98
4) n-Nitrosodimethylamine	3.11	42	127789	14.96	ng	98
6) Aniline	6.58	93	279186	9.65	ng	# 55
8) 2-Chlorophenol	6.63	128	292569	13.90	ng	92
9) Benzaldehyde	6.39	77	170122	14.85	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	279284	12.77	ng	94
12) 1,3-Dichlorobenzene	6.86	146	330151	13.47	ng	96
13) 1,4-Dichlorobenzene	7.02	146	326367	12.75	ng	99
14) 1,2-Dichlorobenzene	7.02	146	326367	13.43	ng	# 93
15) Benzyl Alcohol	6.99	79	221702	14.31	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	389215	12.78	ng	95
17) 2-Methylphenol	7.11	107	227972	13.70	ng	99
18) Hexachloroethane	7.35	117	101260	11.56	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	71568	4.54	ng	# 79
20) 3+4-Methylphenols	7.27	107	261846	13.20	ng	# 83
22) Acetophenone	7.26	105	346762	38.22	ng	99
24) Nitrobenzene	7.44	77	304997	41.26	ng	# 83
25) Isophorone	7.67	82	524409	38.05	ng	99
26) 2-Nitrophenol	7.75	139	140067	37.95	ng	94
27) 2,4-Dimethylphenol	7.79	122	251934	42.37	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	334425	41.70	ng	99
29) 2,4-Dichlorophenol	7.99	162	225372	37.91	ng	93
30) 1,2,4-Trichlorobenzene	8.07	180	255303	37.26	ng	98
31) Naphthalene	8.15	128	726746	36.56	ng	100
32) Benzoic acid	7.92	122	103168	25.85	ng	97
33) 4-Chloroaniline	8.21	127	313112	37.93	ng	97
34) Hexachlorobutadiene	8.26	225	164612	38.56	ng	96
35) Caprolactam	8.59	113	61419	35.60	ng	# 76
36) 4-Chloro-3-methylphenol	8.70	107	227809	39.19	ng	# 84
37) 2-Methylnaphthalene	8.85	142	535889	38.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	240664	40.54	ng	97
40) Hexachlorocyclopentadiene	8.99	237	28254	16.73	ng	99
42) 2,4,6-Trichlorophenol	9.12	196	158224	40.13	ng	99

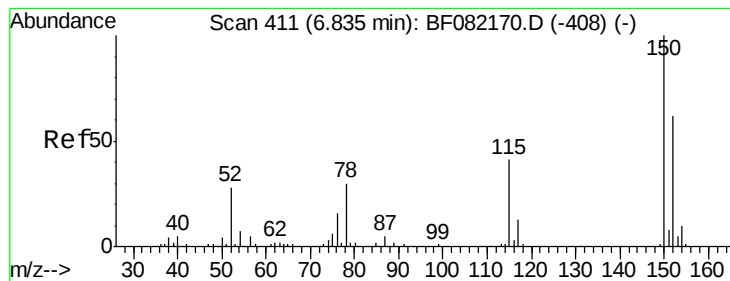
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	171407	40.13	nq	# 93
45) 1,1'-Biphenyl	9.31	154	637627	41.89	nq	95
46) 2-Chloronaphthalene	9.34	162	493981	41.23	nq	97
47) 2-Nitroaniline	9.44	65	150755	45.83	nq	# 69
48) Acenaphthylene	9.75	152	719693	38.56	nq	99
49) Dimethylphthalate	9.61	163	557202	39.64	nq	100
50) 2,6-Dinitrotoluene	9.68	165	115514	38.95	nq	# 84
51) Acenaphthene	9.92	154	410961	36.68	nq	98
52) 3-Nitroaniline	9.85	138	143208	42.75	nq	90
53) 2,4-Dinitrophenol	9.95	184	6833	10.19	nq	# 41
54) Dibenzofuran	10.09	168	591729	38.46	nq	99
55) 4-Nitrophenol	10.01	139	68038	37.19	nq	89
56) 2,4-Dinitrotoluene	10.08	165	134001	36.15	nq	93
57) Fluorene	10.43	166	467859	37.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	126140	36.14	nq	93
59) Diethylphthalate	10.31	149	521526	39.81	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	224073	38.72	nq	99
61) 4-Nitroaniline	10.47	138	138331	42.57	nq	96
62) Azobenzene	10.58	77	466967	36.42	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	15102	8.18	nq	97
65) n-Nitrosodiphenylamine	10.55	169	432015	43.86	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	136252	41.39	nq	97
67) Hexachlorobenzene	10.98	284	149518	42.00	nq	95
68) Atrazine	11.07	200	110123	35.29	nq	99
69) Pentachlorophenol	11.18	266	72948	39.82	nq	97
70) Phenanthrene	11.39	178	614360	38.10	nq	100
71) Anthracene	11.45	178	690807	41.58	nq	100
72) Carbazole	11.61	167	579255	38.22	nq	# 97
73) Di-n-butylphthalate	11.93	149	765853	40.96	nq	100
74) Fluoranthene	12.58	202	630886	36.43	nq	99
76) Benzidine	12.71	184	316145	38.10	nq	99
77) Pyrene	12.81	202	628092	36.96	nq	100
79) Butylbenzylphthalate	13.43	149	293184	37.81	nq	99
80) Benzo(a)anthracene	14.00	228	595922	40.00	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	229947	40.66	nq	99
82) Chrysene	14.04	228	593900	37.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	439991	39.77	nq	99
84) Di-n-octyl phthalate	14.61	149	735521	38.71	nq	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	512236	41.06	nq	99
87) Benzo(b)fluoranthene	15.04	252	601275	37.96	nq	# 96
88) Benzo(k)fluoranthene	15.04	252	601275	45.16	nq	98
89) Benzo(a)pyrene	15.40	252	521482	38.31	nq	# 95
90) Dibenzo(a,h)anthracene	16.88	278	426444	38.23	nq	97
91) Benzo(g,h,i)perylene	17.29	276	398309	36.75	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.17 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

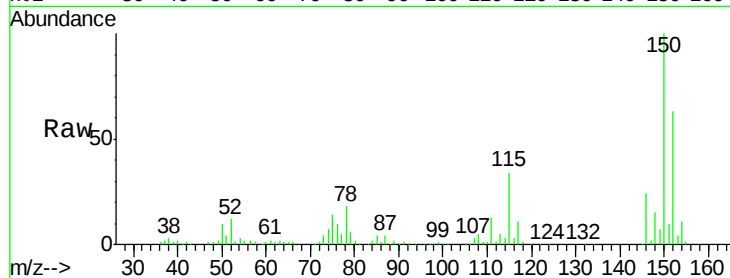
Tot Ion:152 Resp: 347956

Ion Ratio Lower Upper

152 100

150 158.6 129.0 193.4

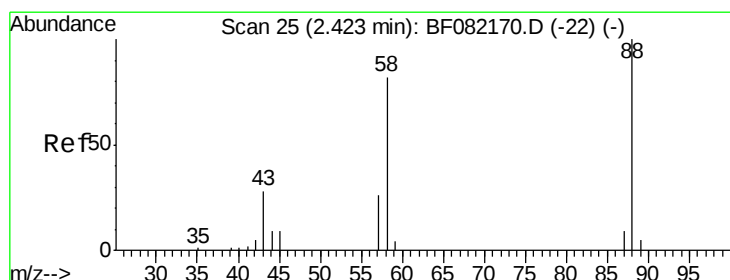
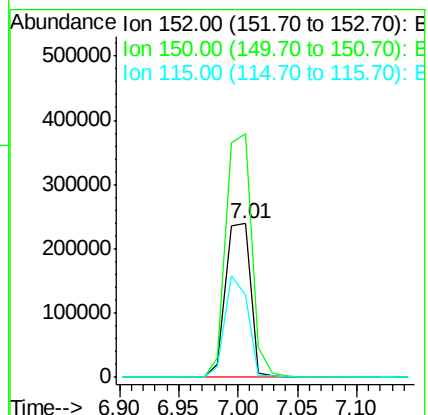
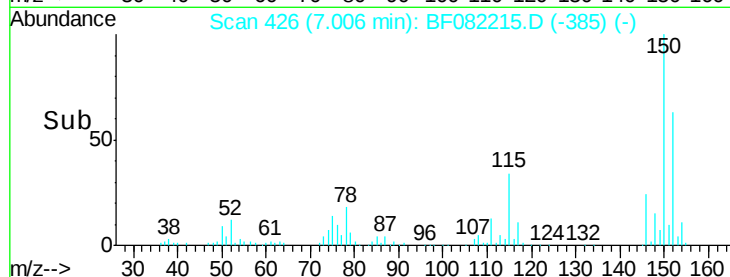
115 53.3 52.1 78.1



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: 13.52 ng

RT: 2.41 min Scan# 24

Delta R.T. -0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

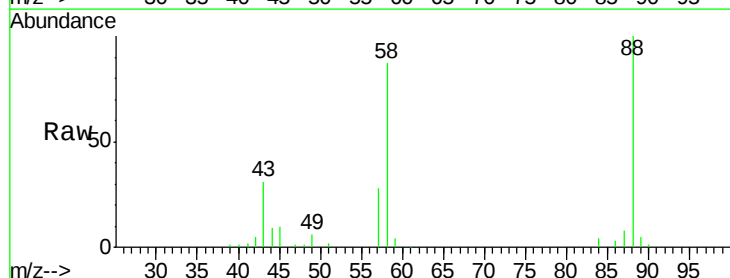
Tgt Ion: 88 Resp: 117125

Ion Ratio Lower Upper

88 100

58 81.2 66.2 99.4

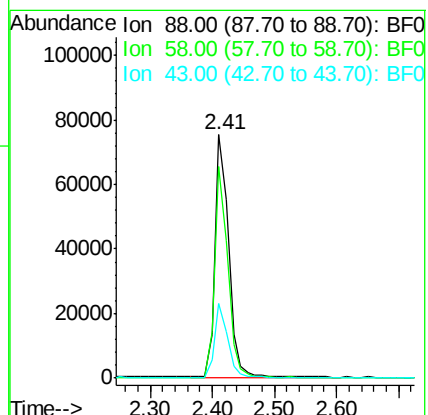
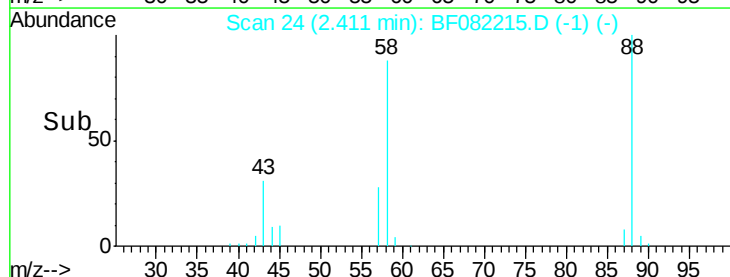
43 29.0 23.0 34.4

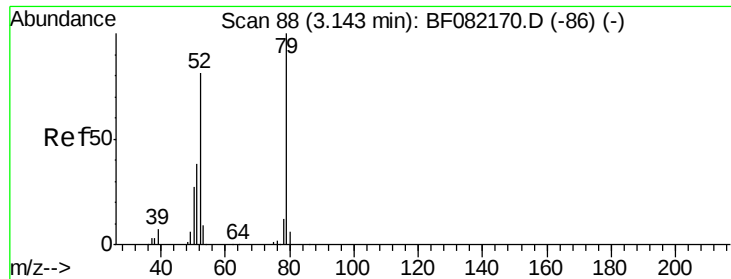


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.81 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampled :

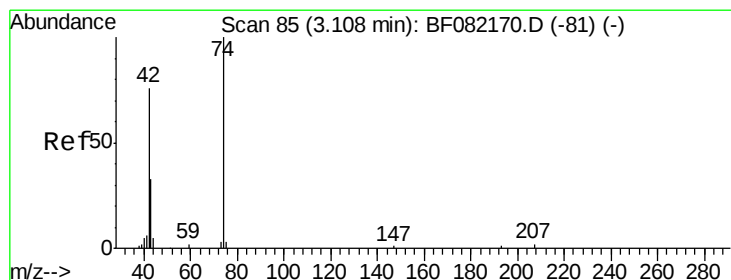
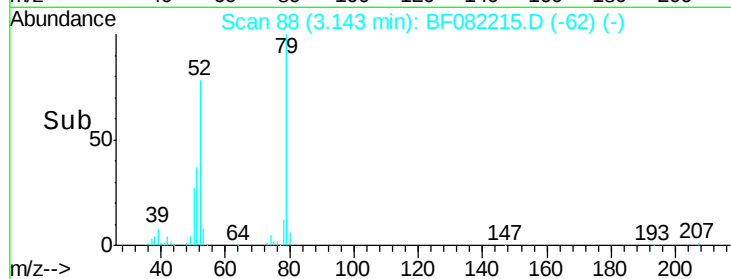
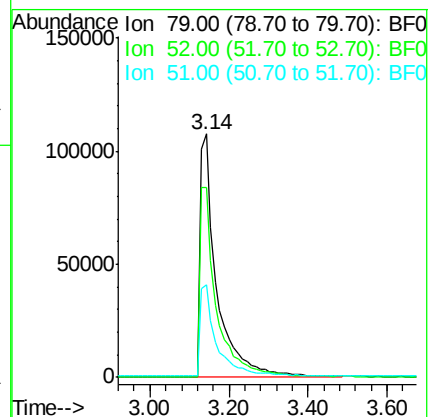
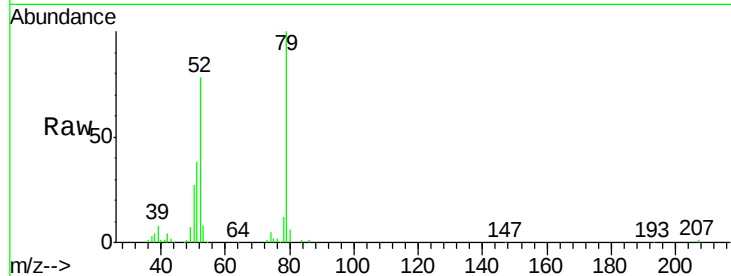
Tot Ion: 79 Resp: 318544

Ion Ratio Lower Upper

79 100

52 78.0 64.4 96.6

51 38.1 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 14.96 ng

RT: 3.11 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

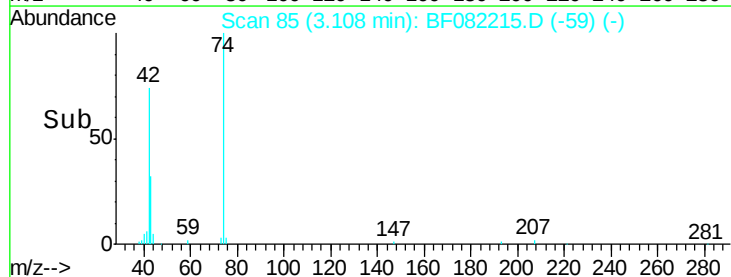
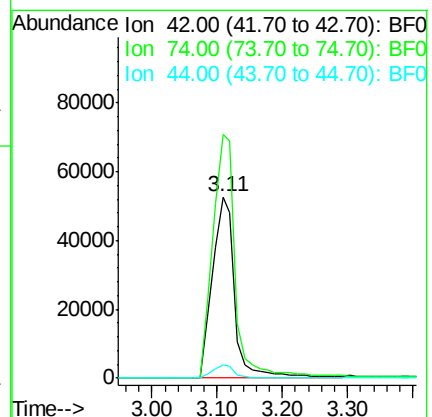
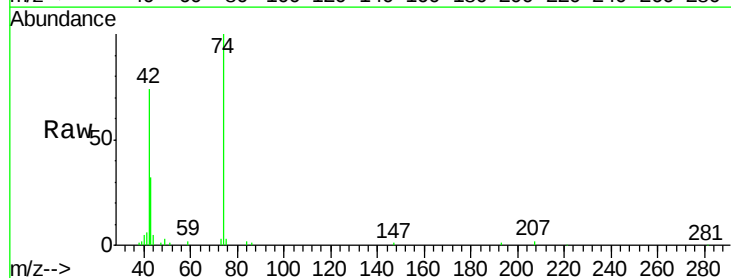
Tgt Ion: 42 Resp: 127789

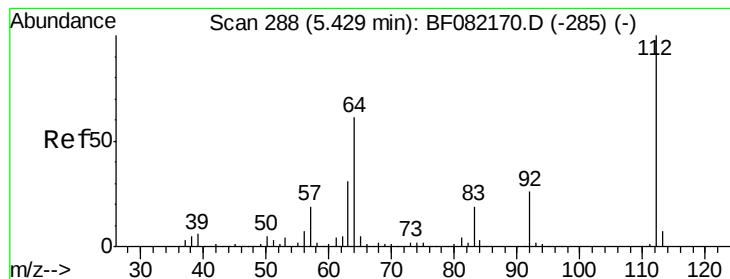
Ion Ratio Lower Upper

42 100

74 134.5 105.7 158.5

44 7.0 5.4 8.2

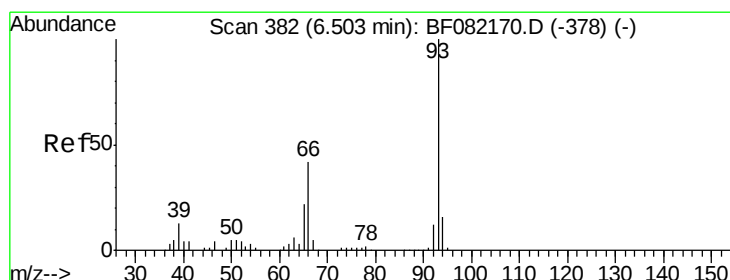
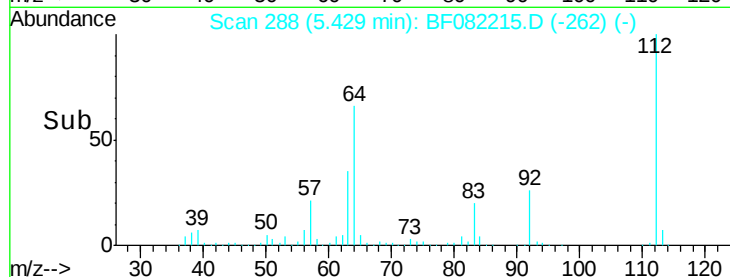
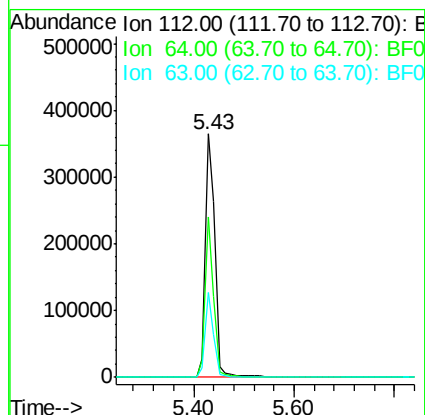
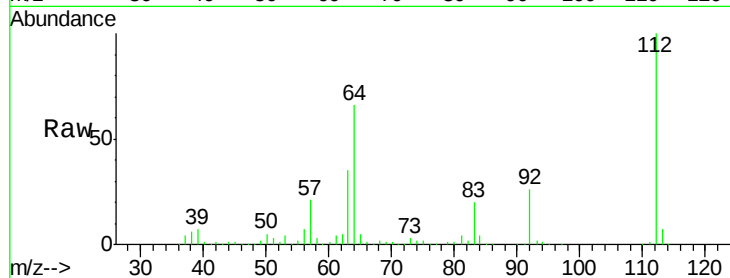




#5
 2-Fluorophenol
 Concen: 28.11 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

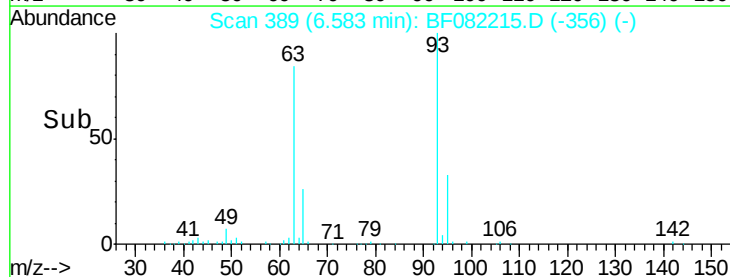
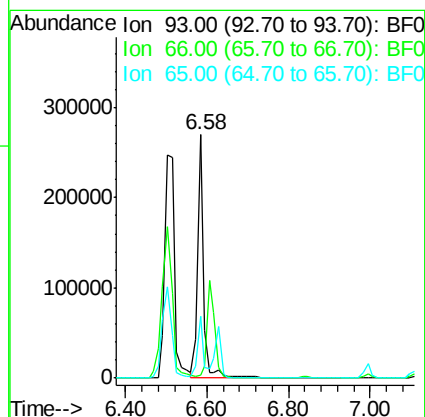
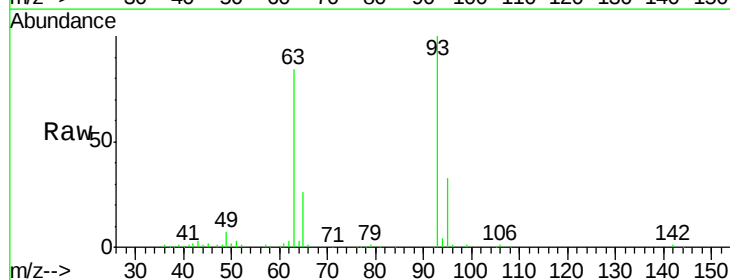
Instrument :
 BNA_F
 ClientSampled :

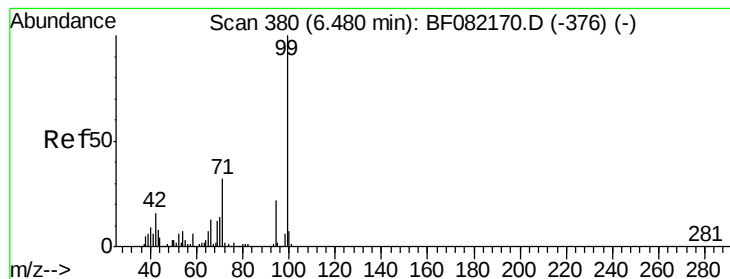
Tot Ion	Ratio	Lower	Upper
112	100		
64	66.0	48.6	73.0
63	35.1	25.1	37.7



#6
 Aniline
 Concen: 9.65 ng
 RT: 6.58 min Scan# 389
 Delta R.T. 0.08 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
93	100		
66	1.2	34.2	51.2#
65	25.5	17.9	26.9





#7

Phenol-d6

Concen: 27.31 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampled :

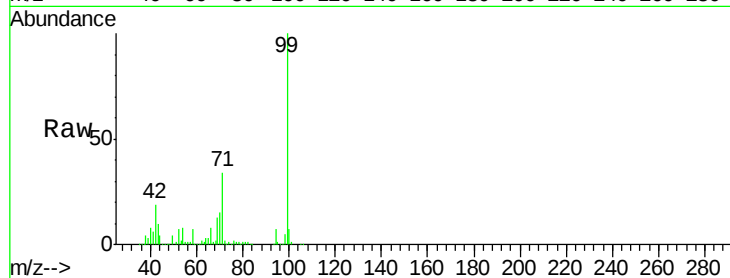
Tot Ion: 99 Resp: 612775

Ion Ratio Lower Upper

99 100

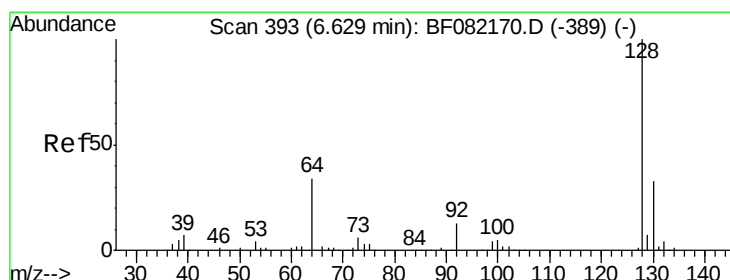
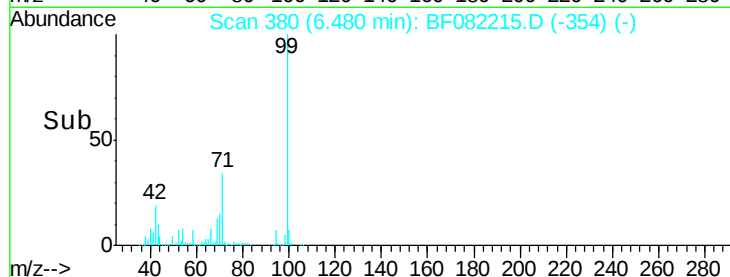
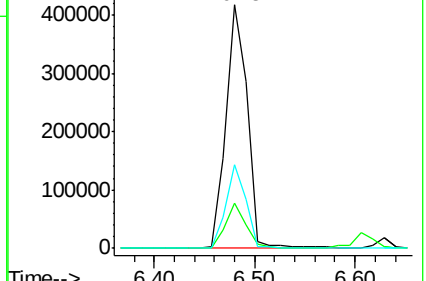
42 18.8 13.2 19.8

71 34.4 25.6 38.4



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

6.48



#8

2-Chlorophenol

Concen: 13.90 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

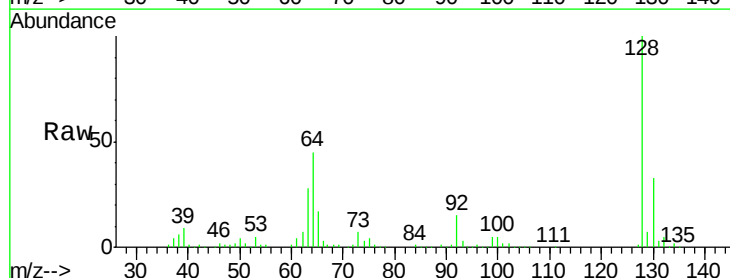
Tgt Ion: 128 Resp: 292569

Ion Ratio Lower Upper

128 100

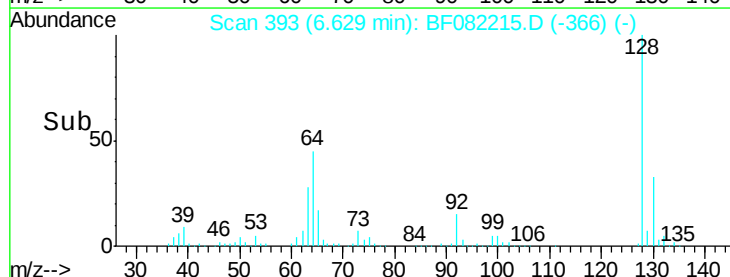
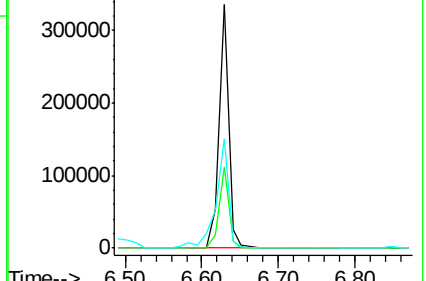
130 33.1 12.6 52.6

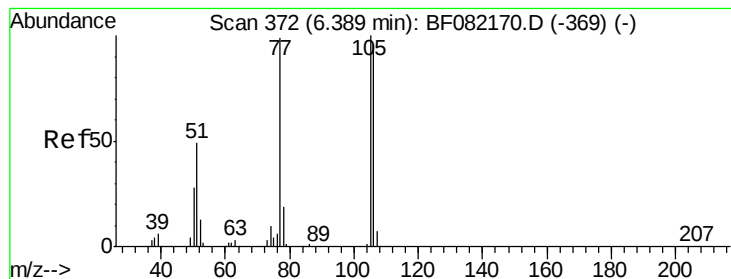
64 44.7 16.7 56.7



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

6.63





#9

Benzaldehyd

Concen: 14.85 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampled :

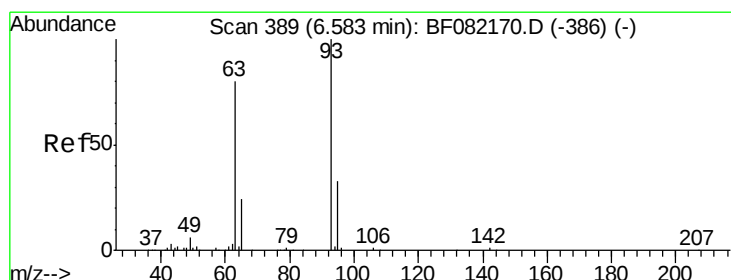
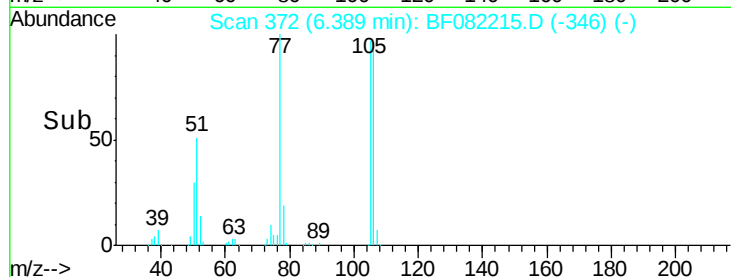
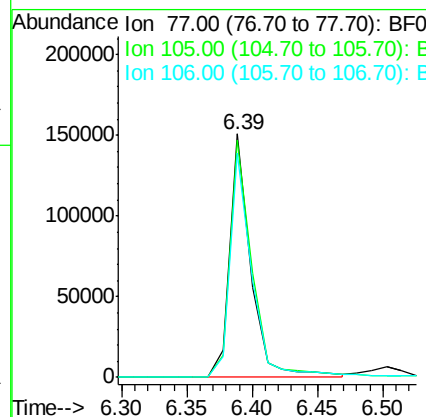
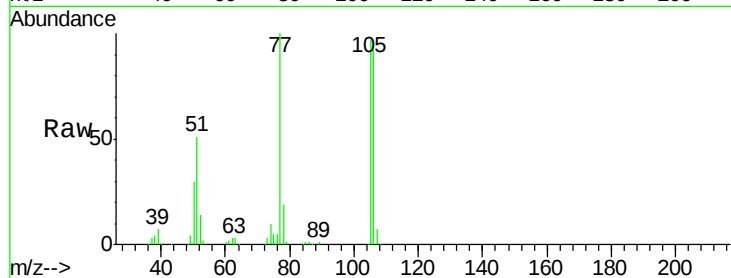
Tot Ion: 77 Resp: 170122

Ion Ratio Lower Upper

77 100

105 97.3 80.6 120.6

106 92.2 75.5 115.5



#11

bis(2-Chloroethyl)ether

Concen: 12.77 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

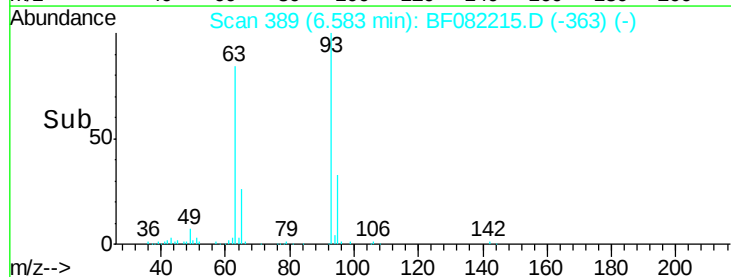
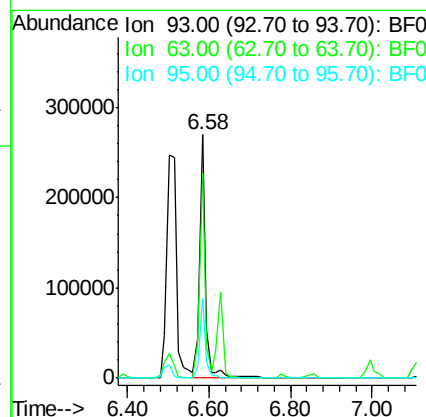
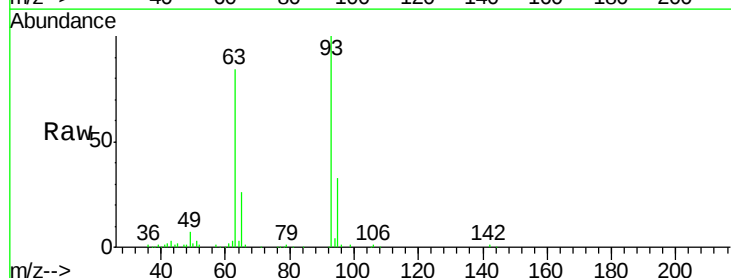
Tgt Ion: 93 Resp: 279284

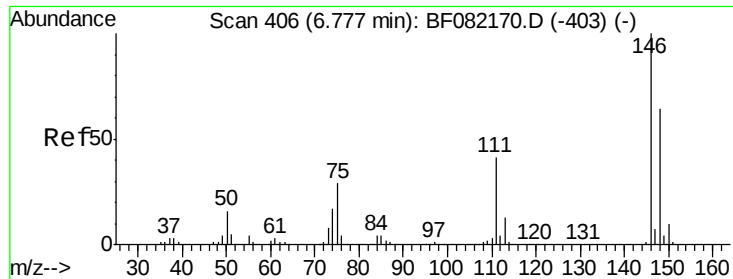
Ion Ratio Lower Upper

93 100

63 84.1 57.1 97.1

95 32.7 11.9 51.9





#12

1,3-Dichlorobenzene

Concen: 13.47 ng

RT: 6.86 min Scan# 413

Delta R.T. 0.08 min

Lab File: BF082215.D

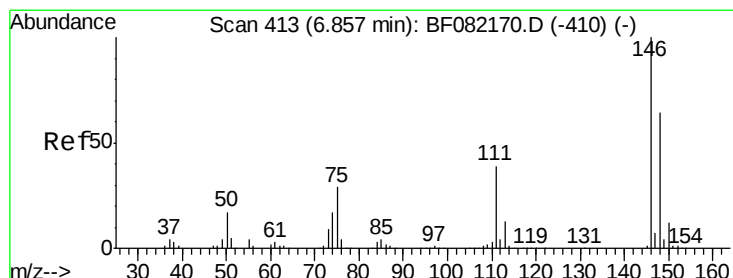
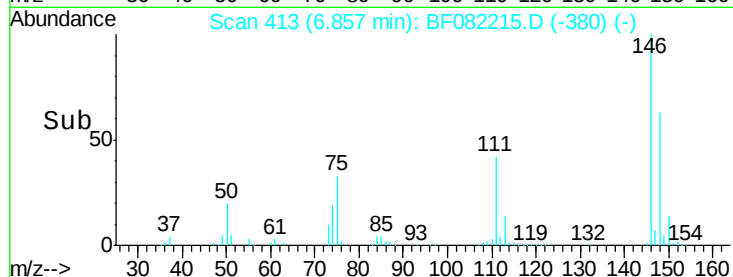
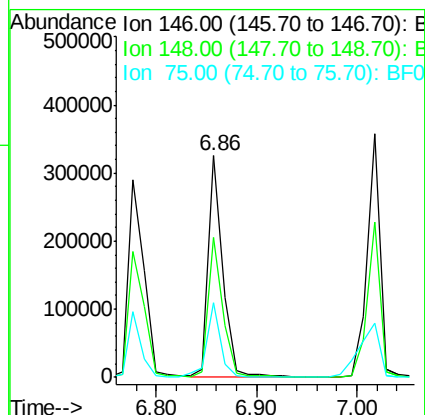
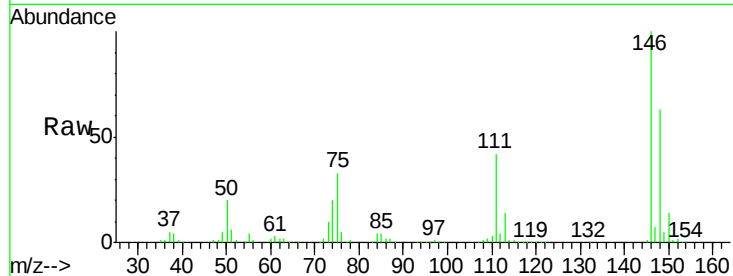
Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:	146	Resp:	330151
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	33.4	23.0	34.6



#13

1,4-Dichlorobenzene

Concen: 12.75 ng

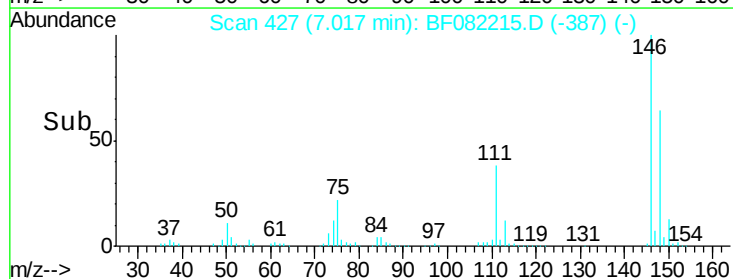
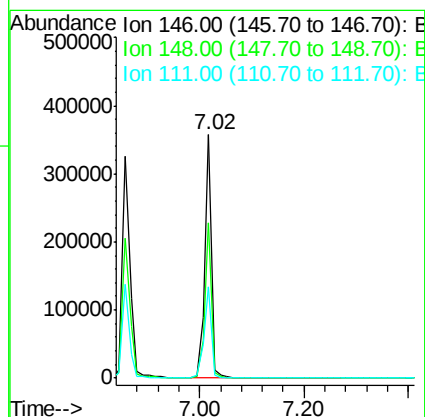
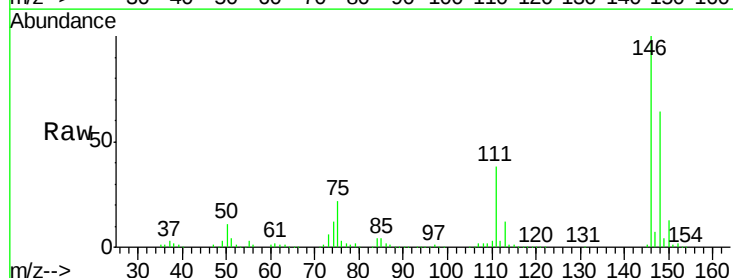
RT: 7.02 min Scan# 427

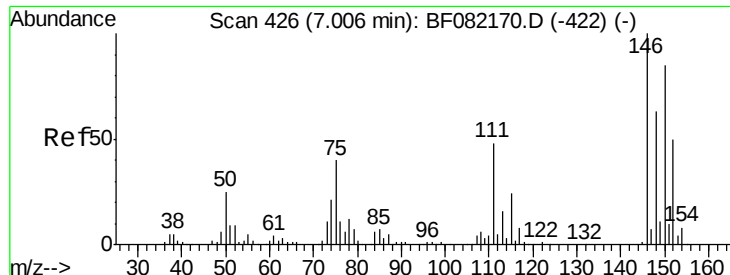
Delta R.T. 0.16 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	146	Resp:	326367
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
111	37.7	31.1	46.7





#14

1,2-Dichlorobenzene

Concen: 13.43 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

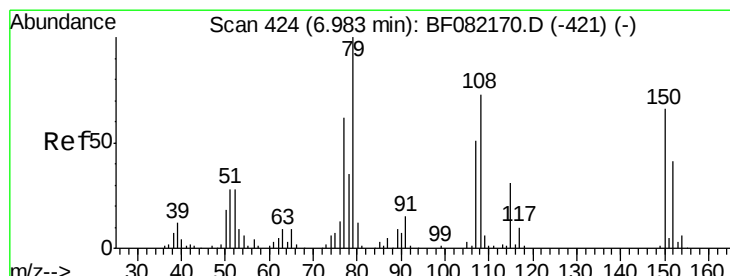
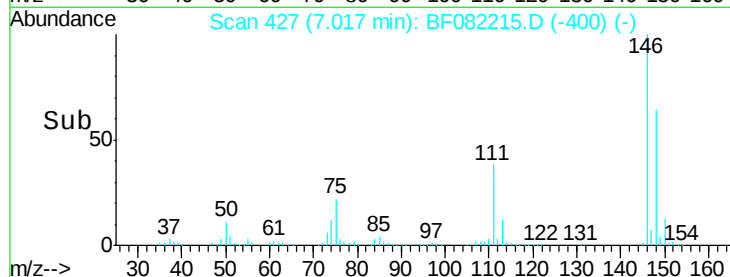
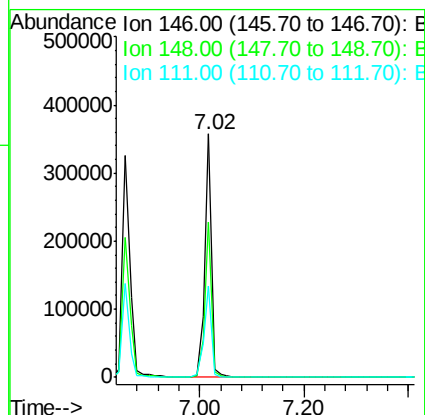
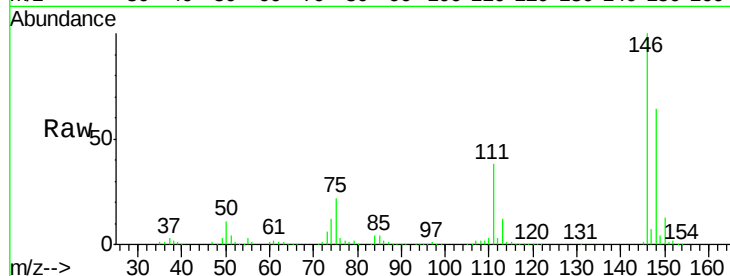
Instrument :

BNA_F

ClientSampled :

Tot Ion:146 Resp: 326367

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	37.7	38.5	57.7#



#15

Benzyl Alcohol

Concen: 14.31 ng

RT: 6.99 min Scan# 425

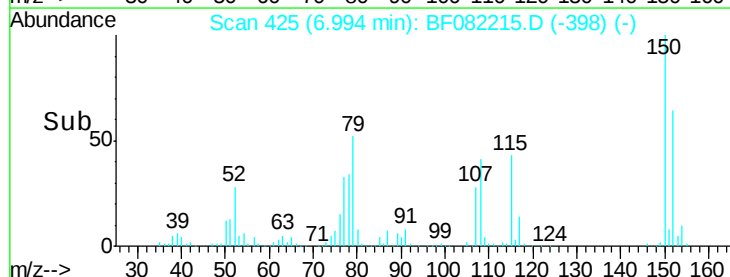
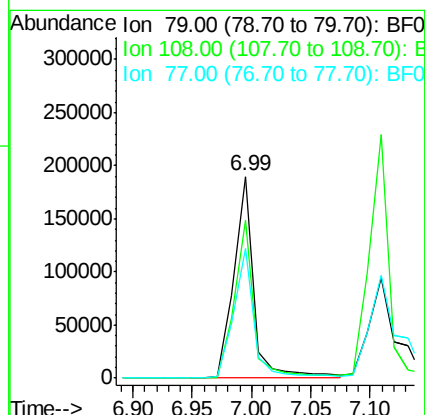
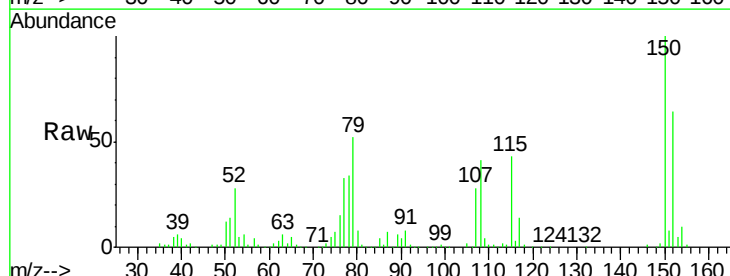
Delta R.T. 0.01 min

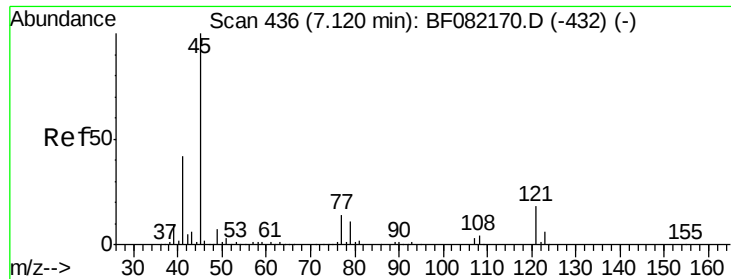
Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion: 79 Resp: 221702

Ion	Ratio	Lower	Upper
79	100		
108	78.0	58.4	87.6
77	64.0	49.8	74.6

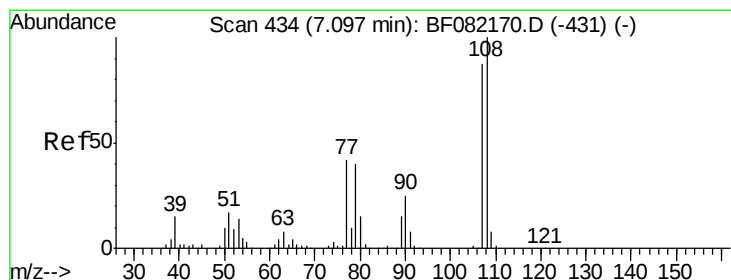
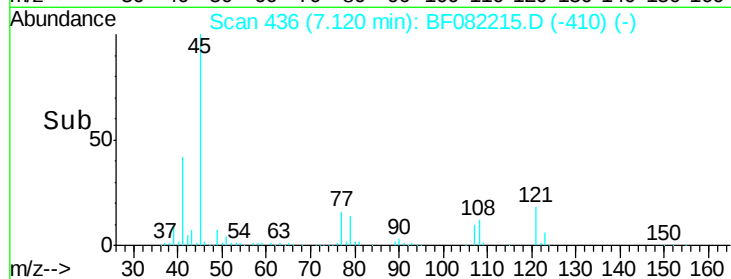
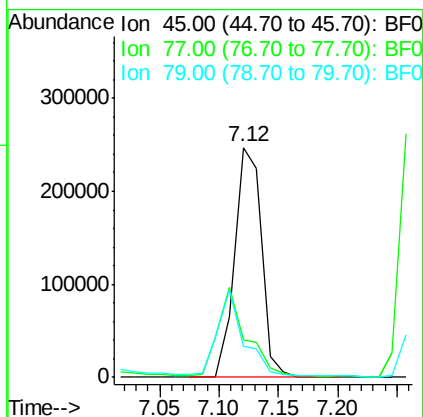
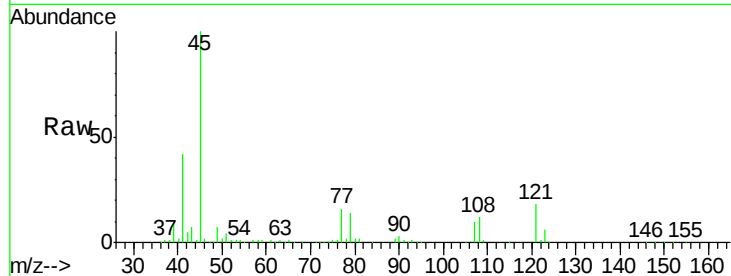




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 12.78 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

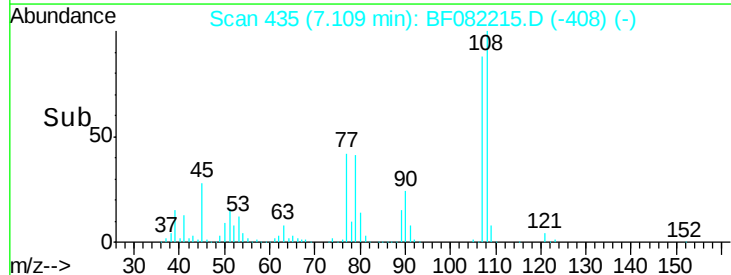
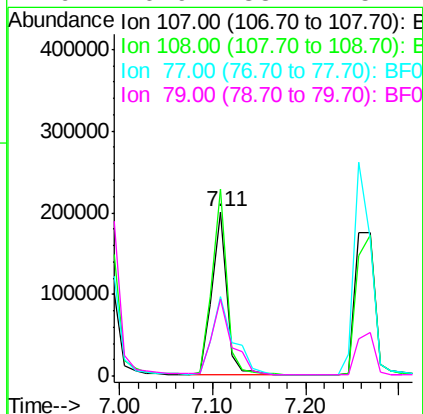
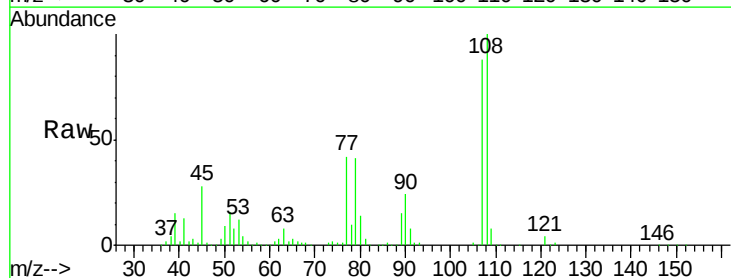
Instrument :
BNA_F
ClientSampleId :

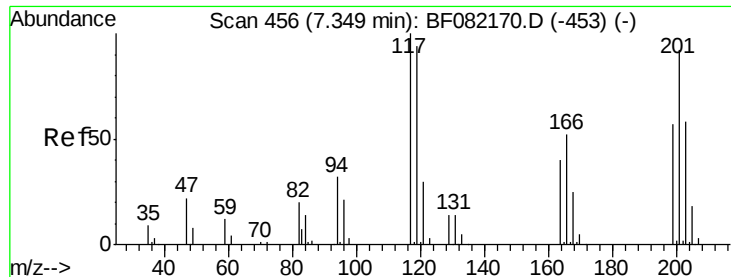
Tot Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	34.5
79	13.7	0.0	31.6



#17
2-Methylphenol
Concen: 13.70 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	92.2	138.2
77	48.1	39.6	59.4
79	46.9	38.2	57.4

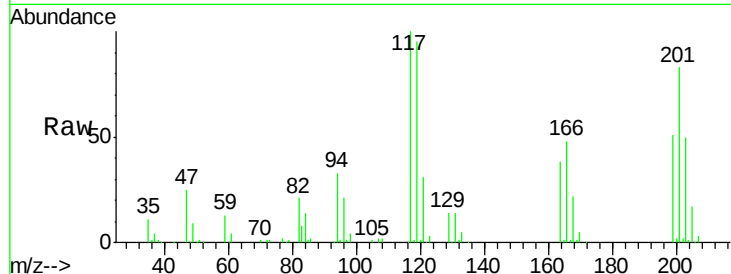




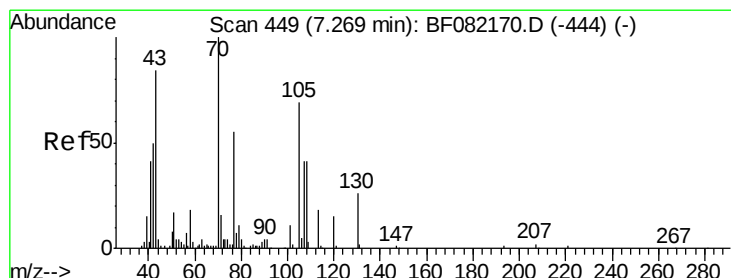
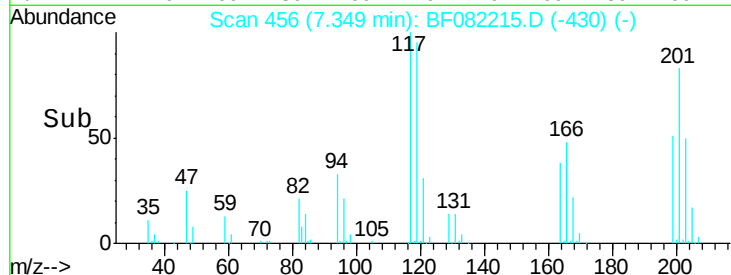
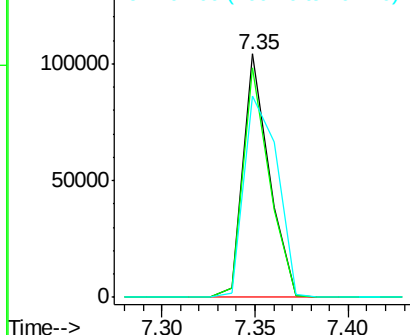
#18
Hexachloroethane
Concen: 11.56 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 101260
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.2
201 82.7 73.4 110.0

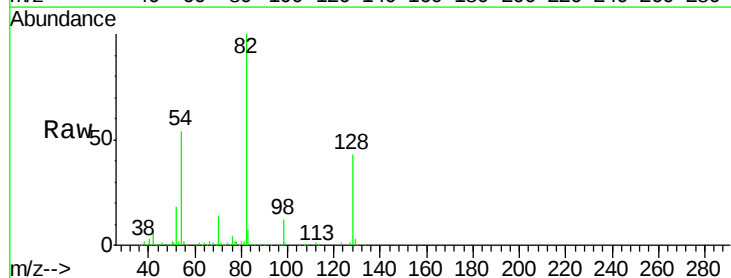


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

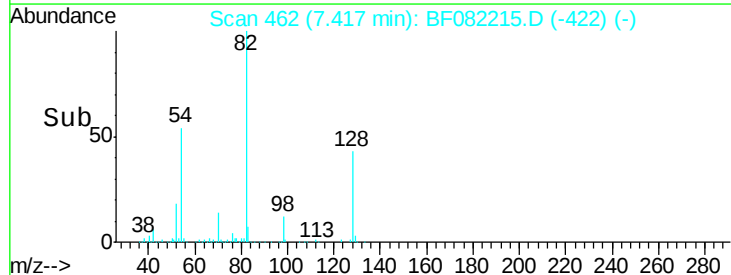
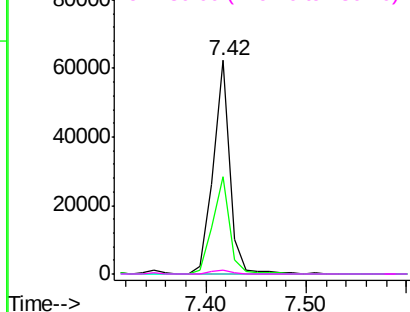


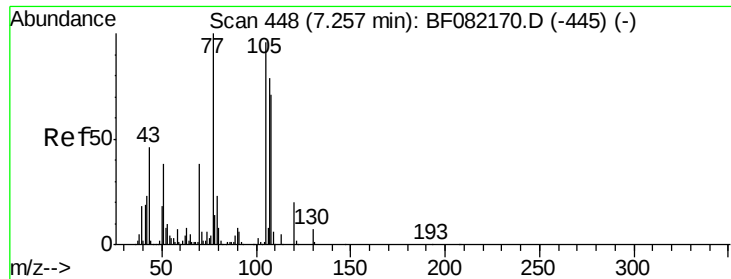
#19
n-Nitroso-di-n-propylamine
Concen: 4.54 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.16 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion: 70 Resp: 71568
Ion Ratio Lower Upper
70 100
42 45.3 39.8 59.8
101 0.0 8.6 13.0#
130 2.0 20.5 30.7#



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

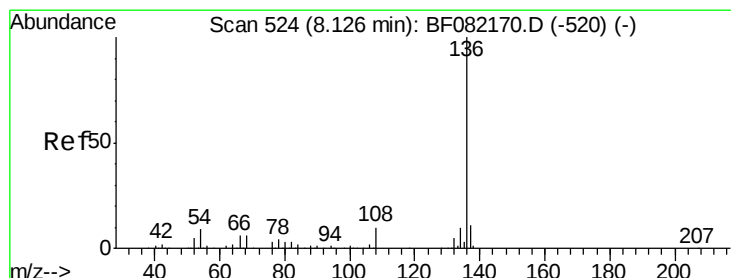
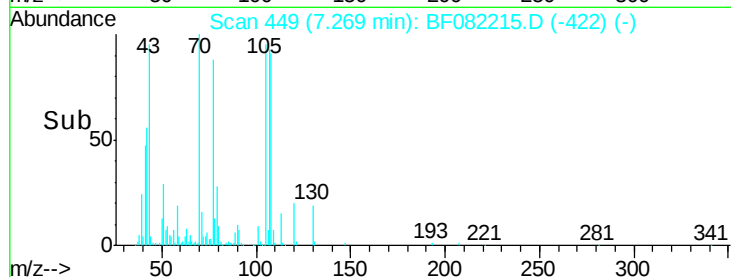
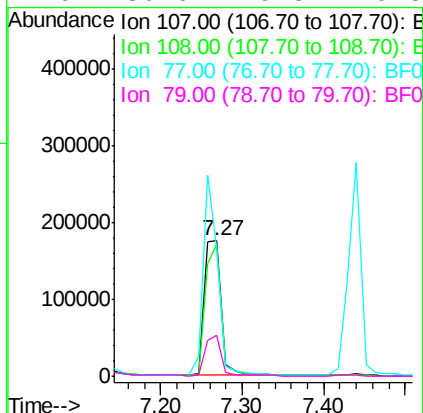
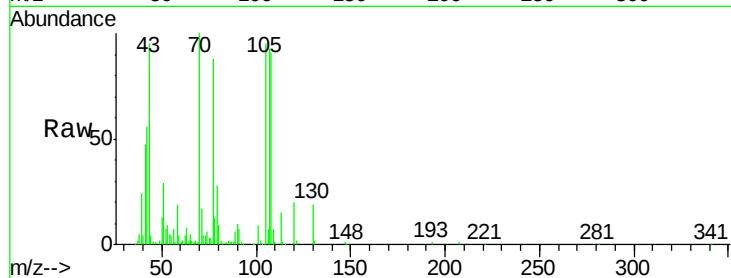




#20
3+4-Methylphenols
Concen: 13.20 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

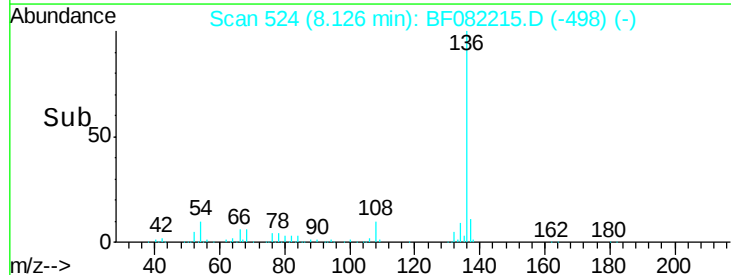
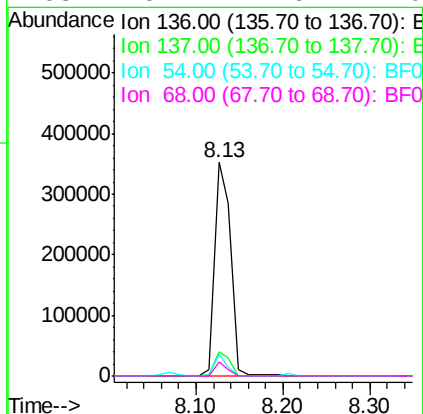
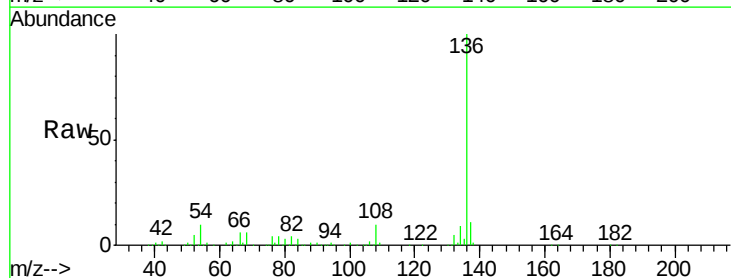
Instrument :
BNA_F
ClientSampleId :

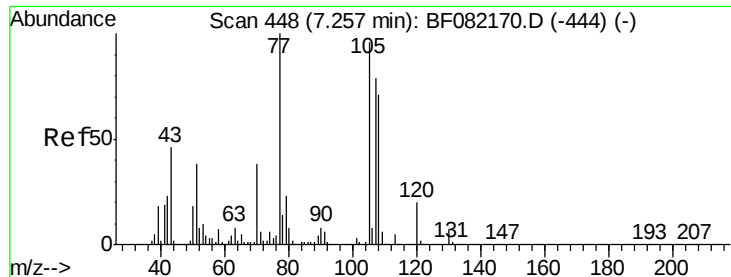
Tot Ion	Ratio	Lower	Upper
107	100		
108	97.6	69.9	109.9
77	95.0	106.0	146.0#
79	30.6	9.8	49.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.1	7.5	11.3
68	6.4	4.6	7.0

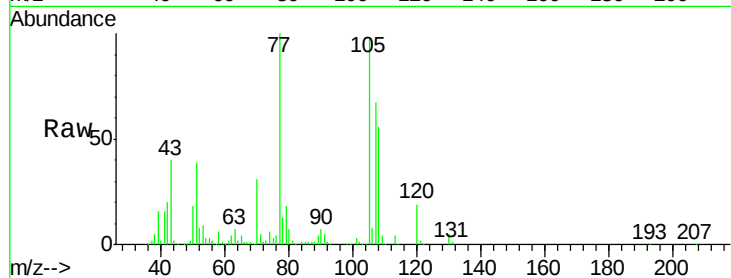




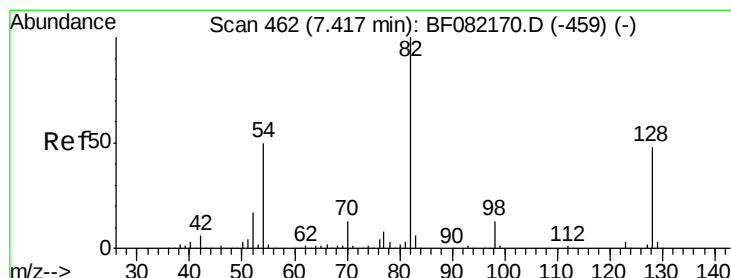
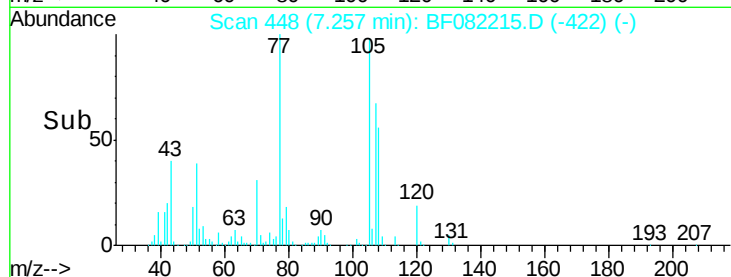
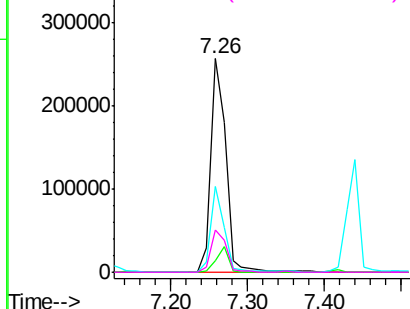
#22
Acetophenone
Concen: 38.22 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 346762
Ion Ratio Lower Upper
105 100
71 5.4 5.4 8.0
51 40.1 31.8 47.6
120 19.8 16.3 24.5

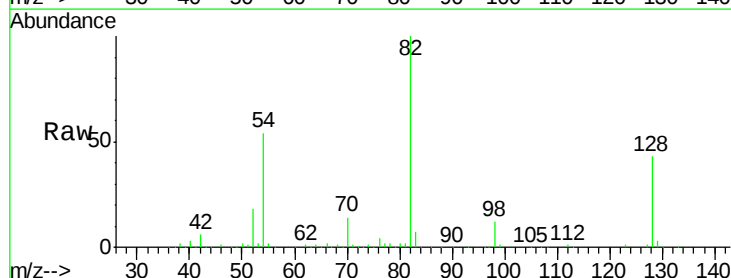


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

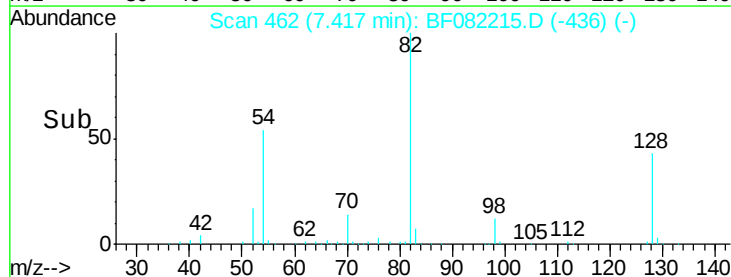
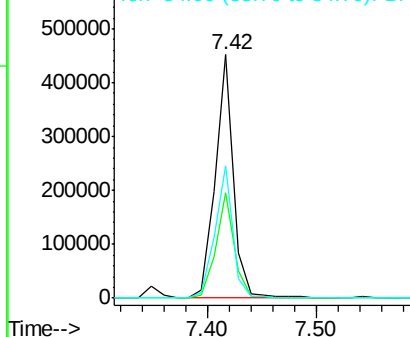


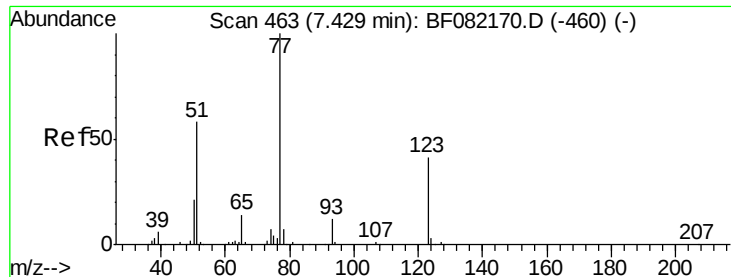
#23
Nitrobenzene-d5
Concen: 77.64 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion: 82 Resp: 530228
Ion Ratio Lower Upper
82 100
128 43.4 38.7 58.1
54 54.3 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 41.26 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampled :

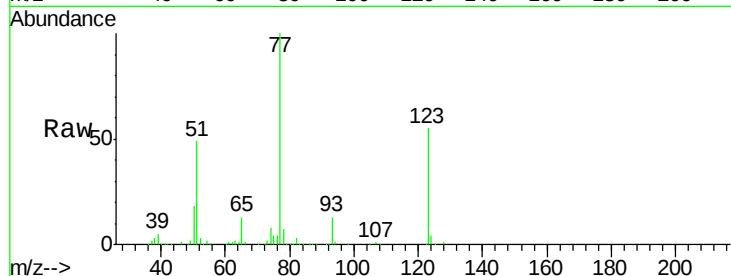
Tot Ion: 77 Resp: 304997

Ion Ratio Lower Upper

77 100

123 55.1 33.0 49.4#

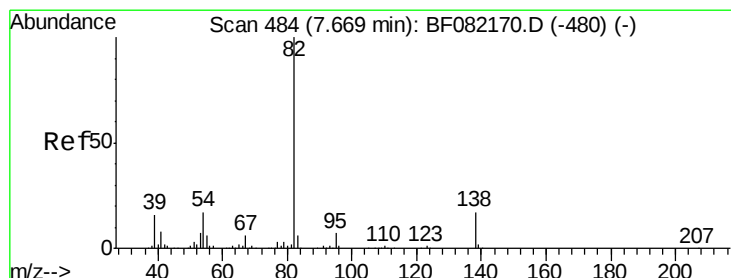
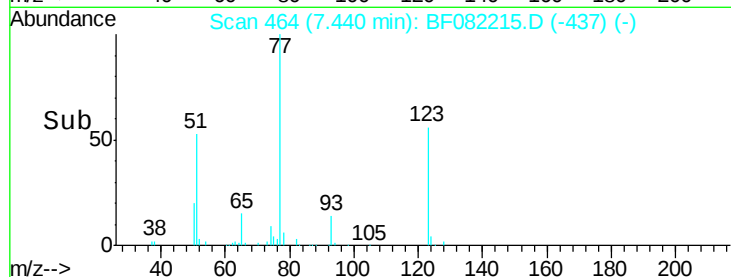
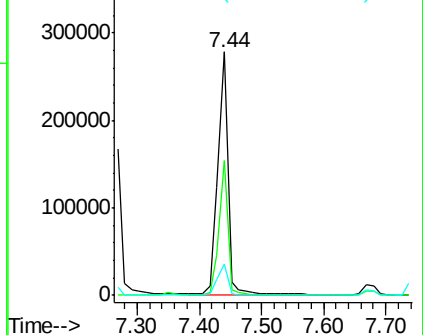
65 12.9 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.05 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

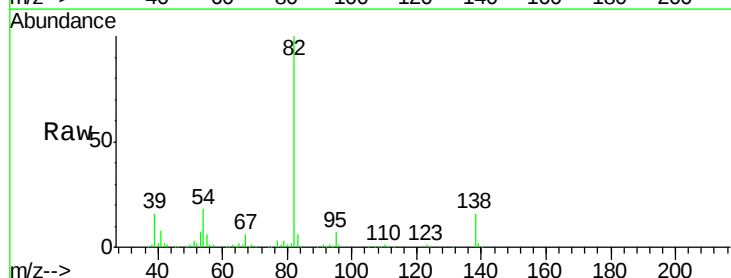
Tgt Ion: 82 Resp: 524409

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

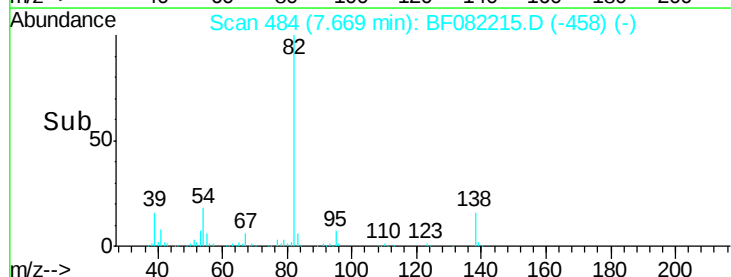
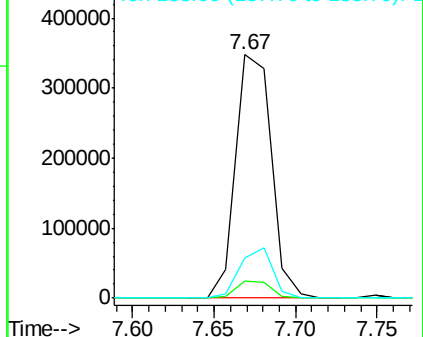
138 16.2 13.6 20.4

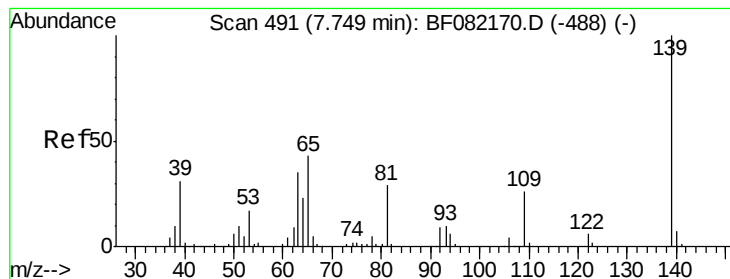


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 37.95 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

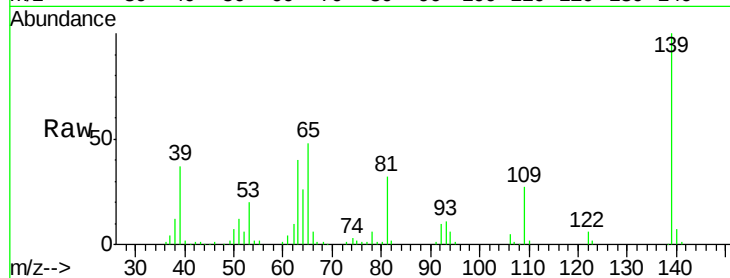
Tot Ion:139 Resp: 140067

Ion Ratio Lower Upper

139 100

109 27.0 20.6 31.0

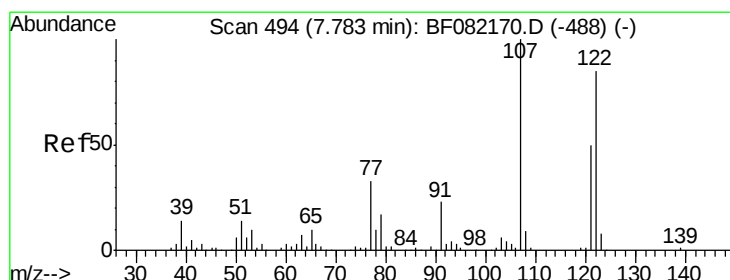
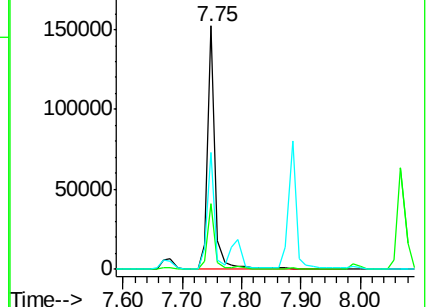
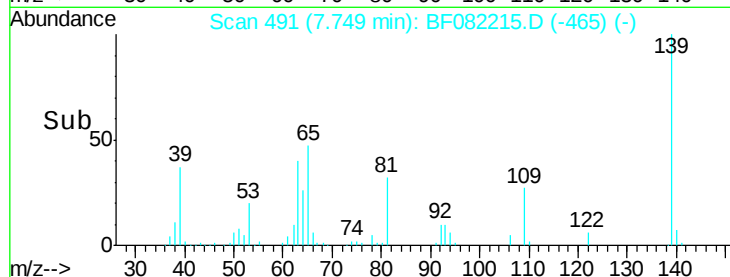
65 48.1 34.3 51.5



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: 42.37 ng

RT: 7.79 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

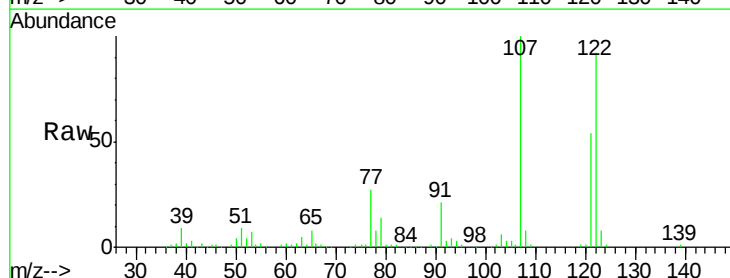
Tgt Ion:122 Resp: 251934

Ion Ratio Lower Upper

122 100

107 108.3 94.0 141.0

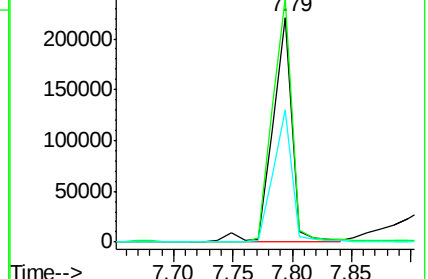
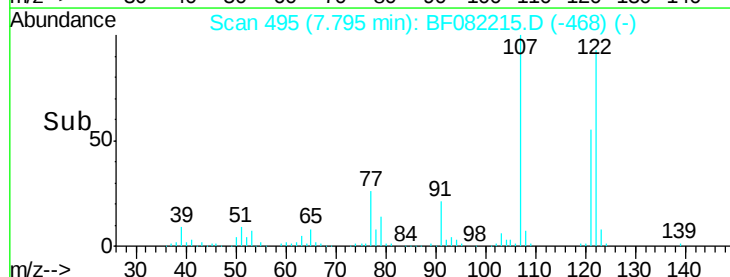
121 58.9 46.8 70.2

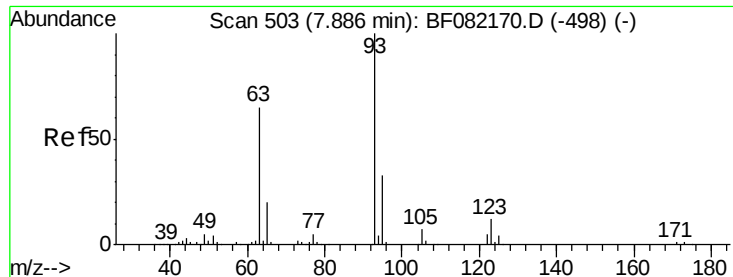


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

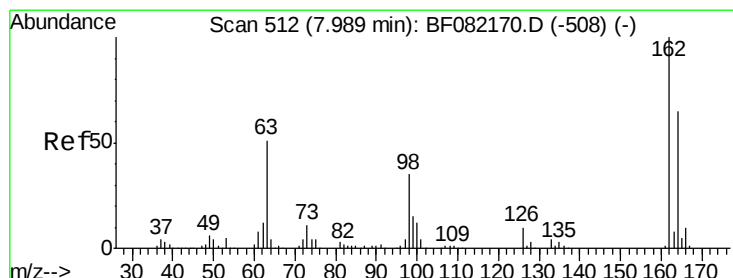
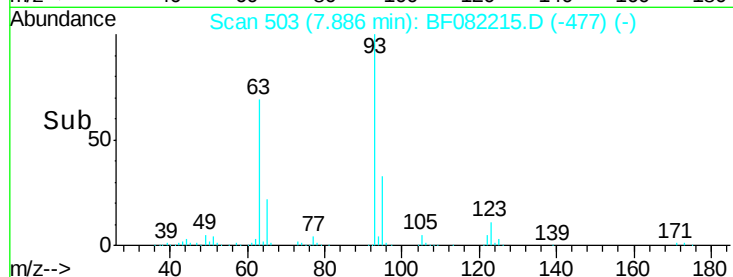
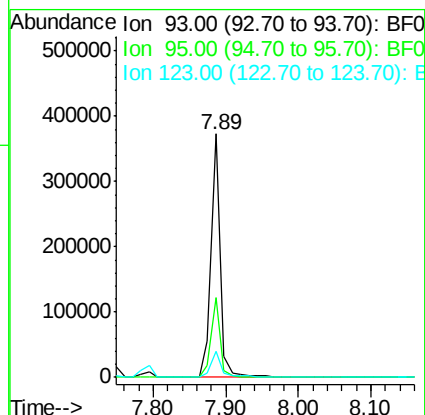
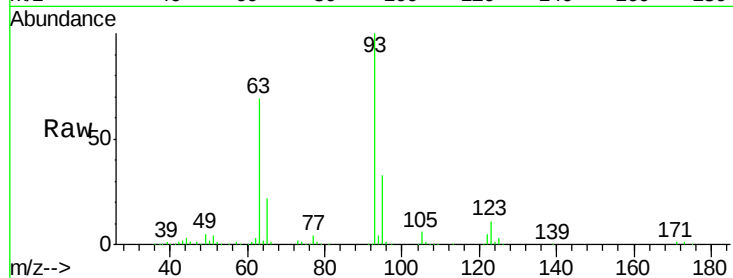




#28
bis(2-Chloroethoxy)methane
Concen: 41.70 ng
RT: 7.89 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

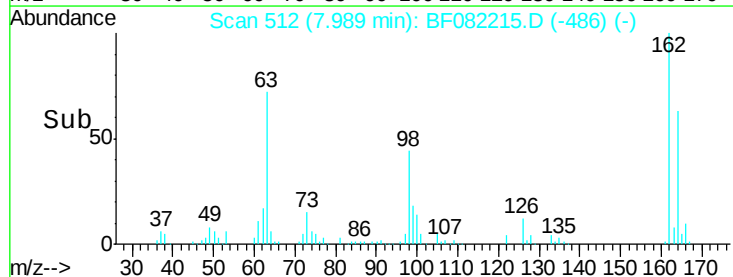
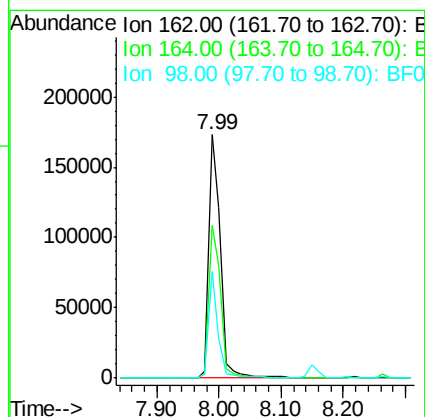
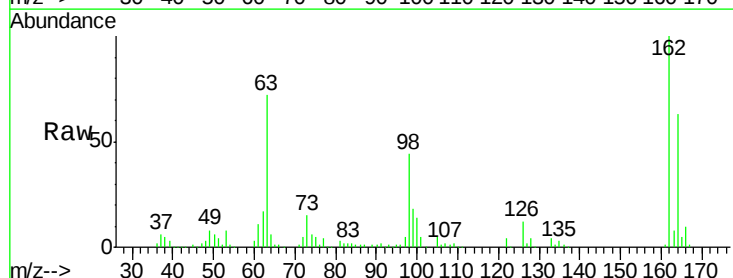
Instrument :
BNA_F
ClientSampleId :

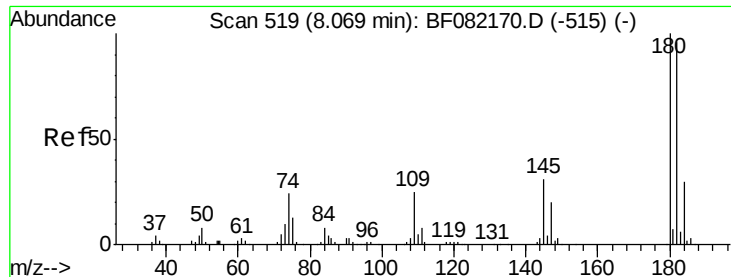
Tot Ion: 93 Resp: 334425
Ion Ratio Lower Upper
93 100
95 32.8 26.6 39.8
123 10.9 9.5 14.3



#29
2,4-Dichlorophenol
Concen: 37.91 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion: 162 Resp: 225372
Ion Ratio Lower Upper
162 100
164 63.0 44.6 84.6
98 43.8 15.0 55.0

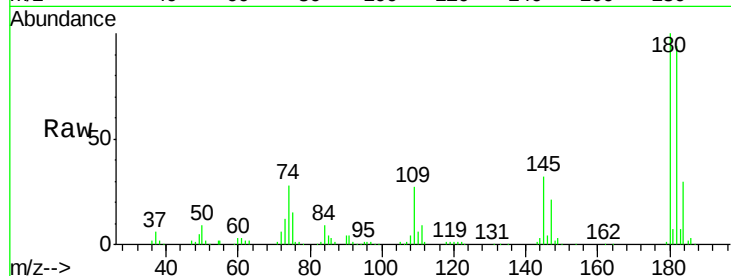




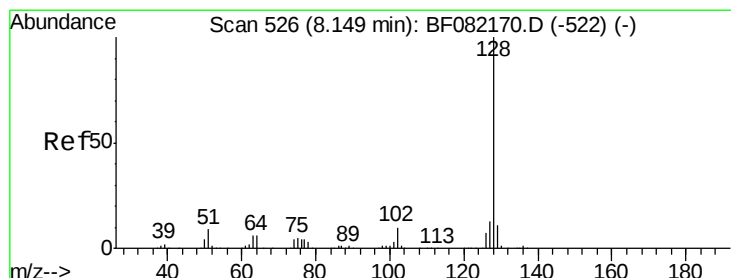
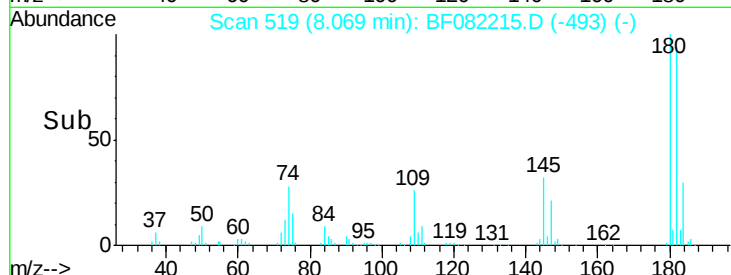
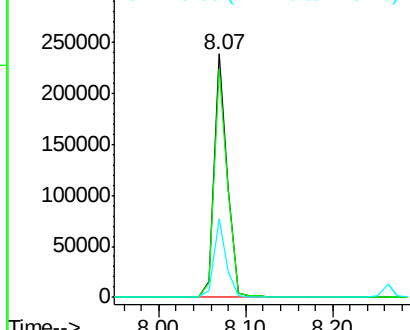
#30
1,2,4-Trichlorobenzene
Concen: 37.26 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 255303
Ion Ratio Lower Upper
180 100
182 93.6 77.0 115.4
145 32.1 25.0 37.4

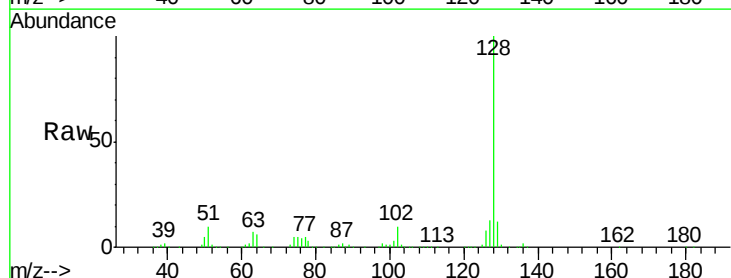


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

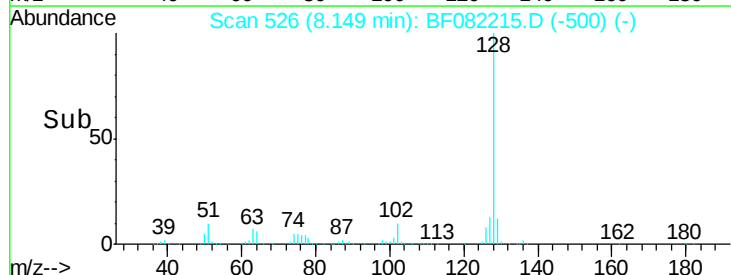
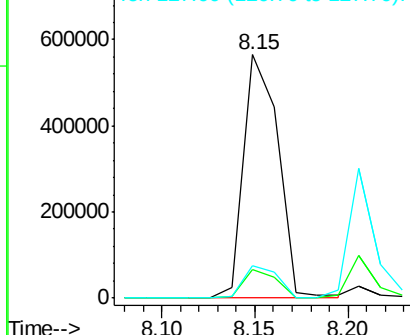


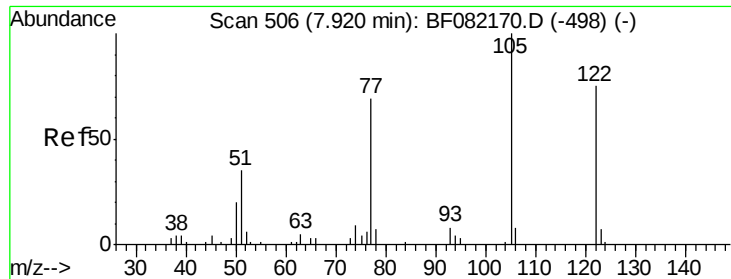
#31
Naphthalene
Concen: 36.56 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:128 Resp: 726746
Ion Ratio Lower Upper
128 100
129 11.5 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: 25.85 ng

RT: 7.92 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampled :

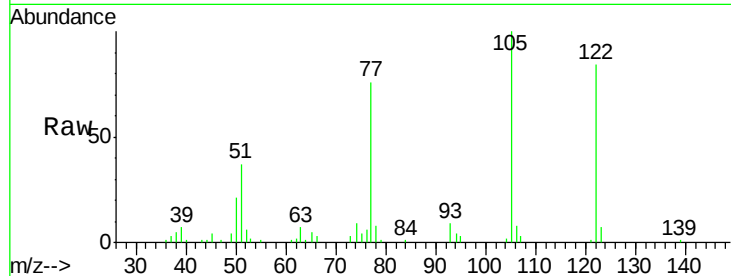
Tot Ion:122 Resp: 103168

Ion Ratio Lower Upper

122 100

105 119.2 104.4 144.4

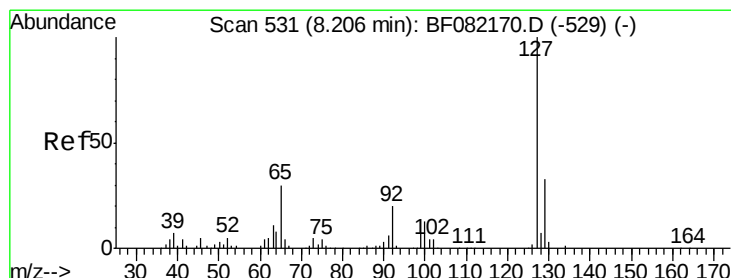
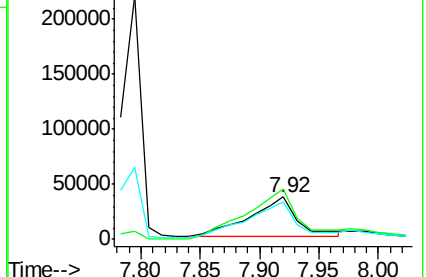
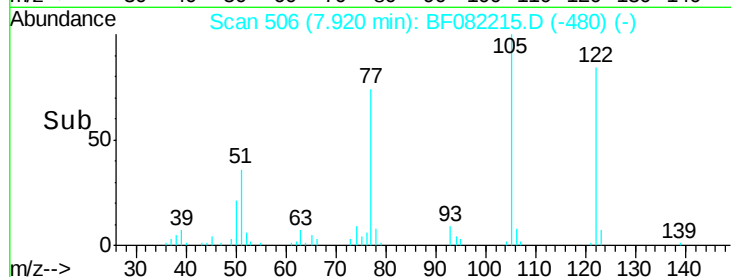
77 90.0 69.0 109.0



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: 37.93 ng

RT: 8.21 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:127 Resp: 313112

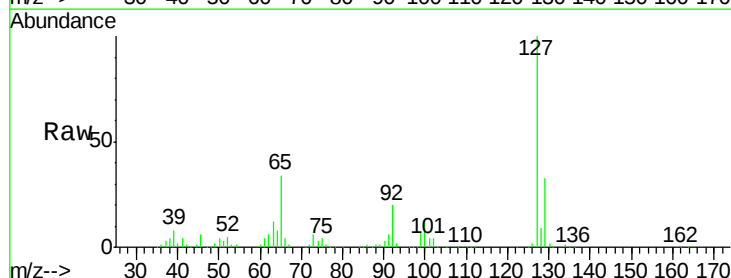
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 33.7 24.4 36.6

92 20.4 15.7 23.5

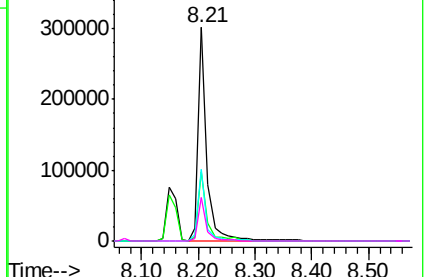
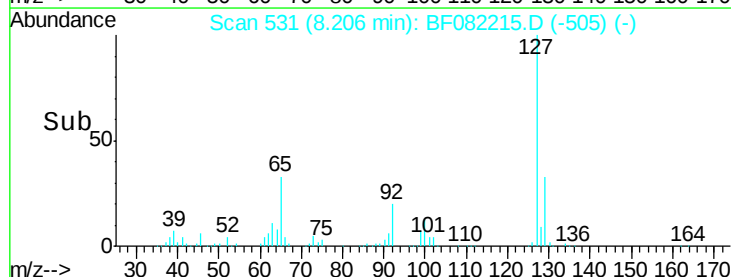


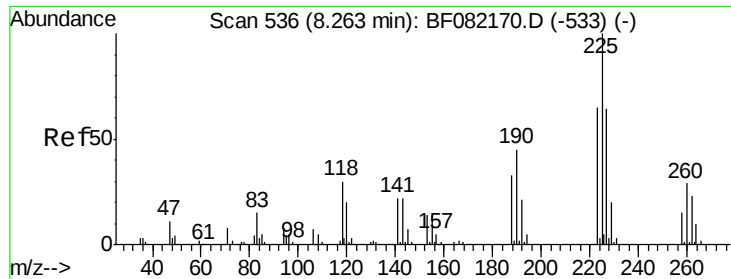
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 38.56 ng

RT: 8.26 min Scan# 536

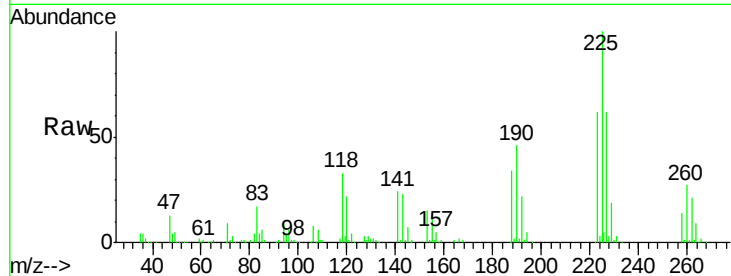
Delta R.T. 0.00 min

Lab File: BF082215.D

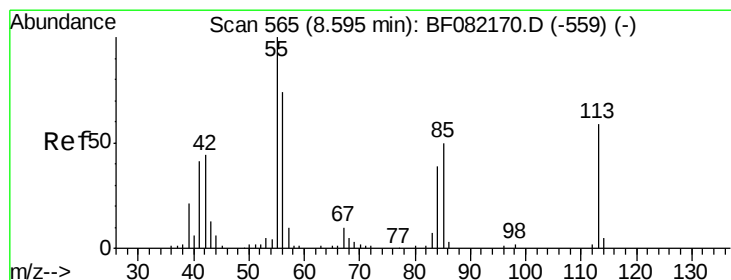
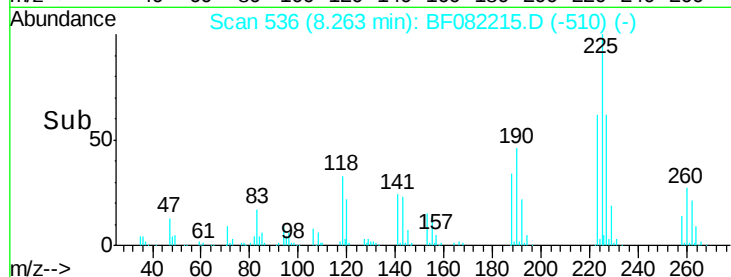
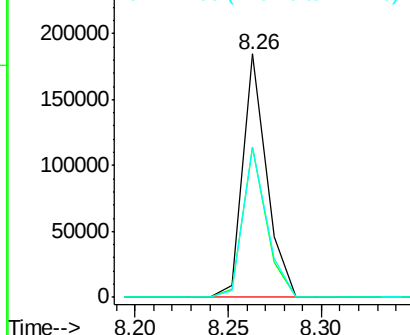
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225	Resp:	164612
Ion Ratio	Lower	Upper
225	100	
223	61.8	52.2 78.2
227	61.9	51.3 76.9



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



#35

Caprolactam

Concen: 35.60 ng

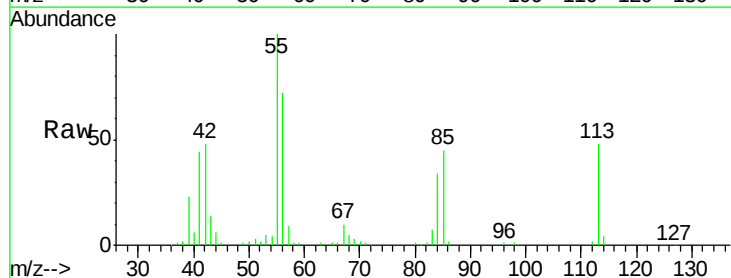
RT: 8.59 min Scan# 565

Delta R.T. 0.00 min

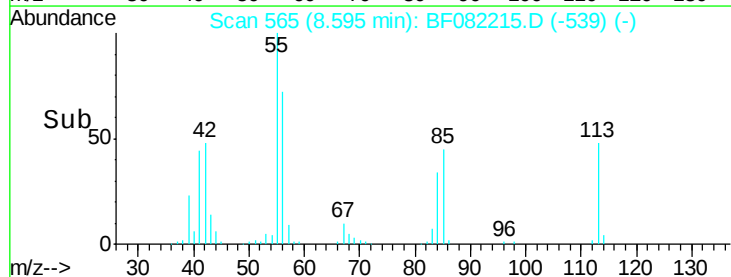
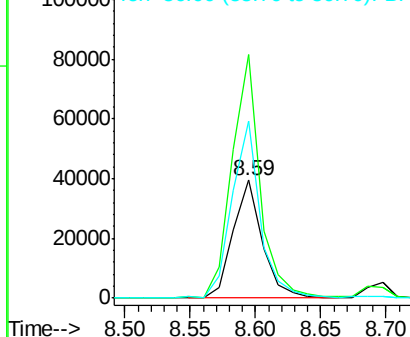
Lab File: BF082215.D

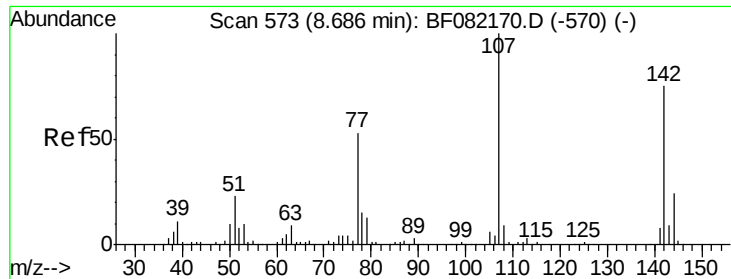
Acq: 11 Oct 2015 10:38

Tgt Ion:113	Resp:	61419
Ion Ratio	Lower	Upper
113	100	
55	206.3	149.7 189.7#
56	149.5	105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 39.19 ng

RT: 8.70 min Scan# 574

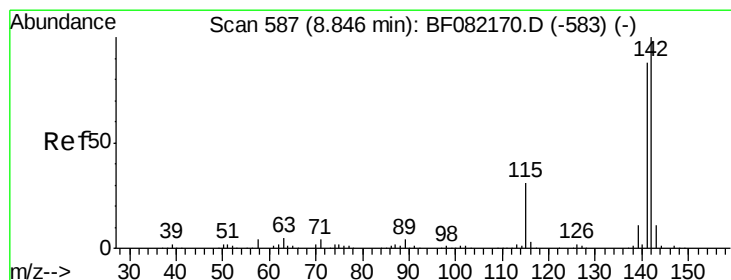
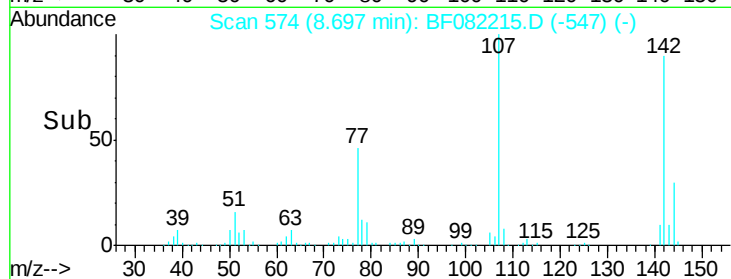
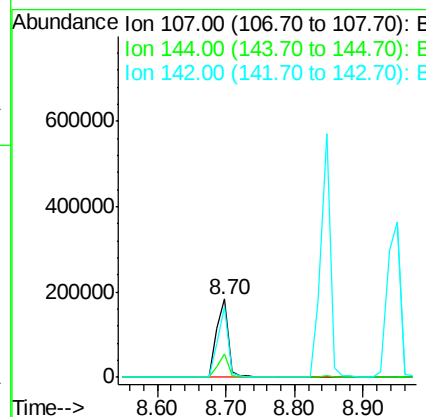
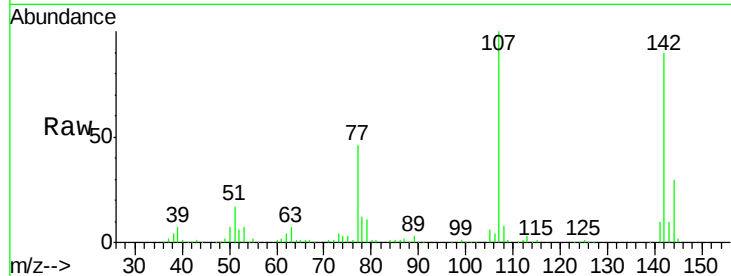
Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 227809
Ion Ratio Lower Upper
107 100
144 29.9 19.3 28.9#
142 89.7 59.9 89.9



#37

2-Methylnaphthalene

Concen: 38.88 ng

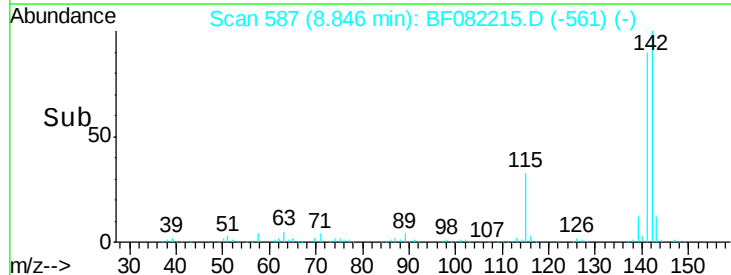
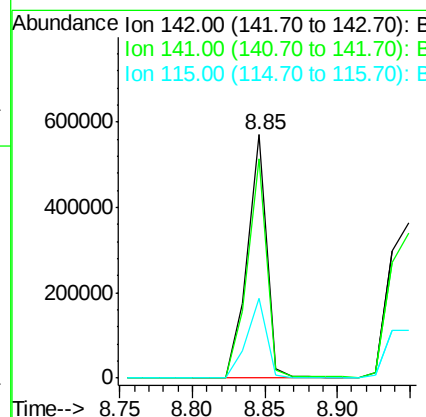
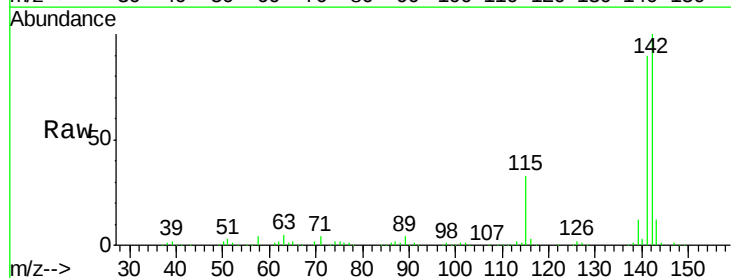
RT: 8.85 min Scan# 587

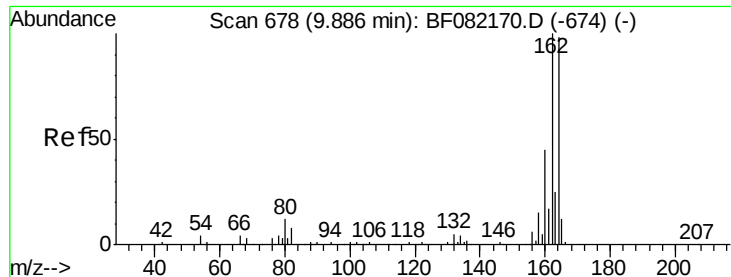
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:142 Resp: 535889
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6
115 32.9 24.6 37.0

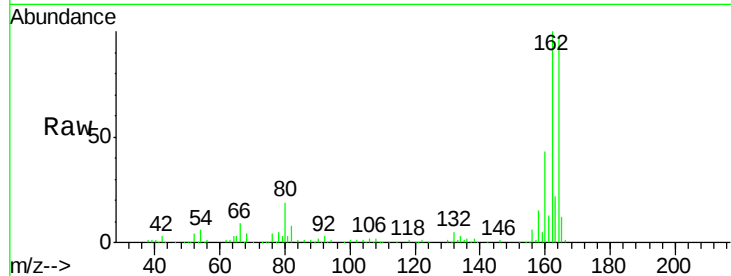




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.6	122.4
160	44.1	36.4	54.6

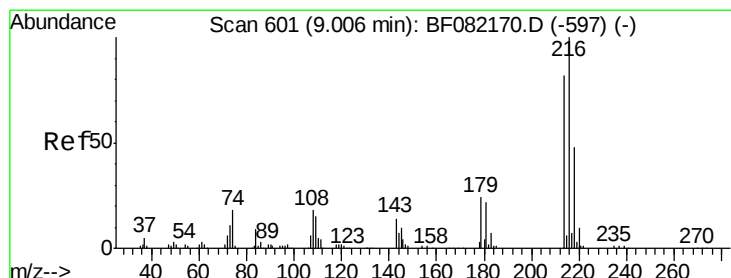
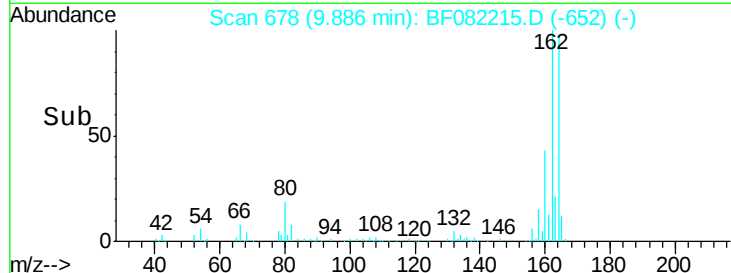
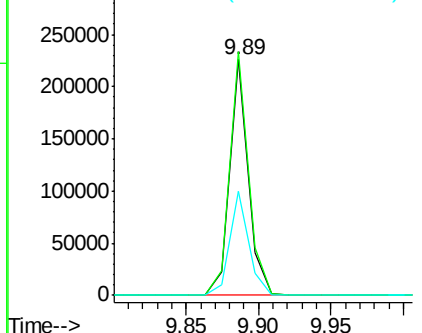


Abundance

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: 40.54 ng
RT: 9.01 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.6	97.0
179	21.0	17.6	26.4
108	16.4	14.5	21.7

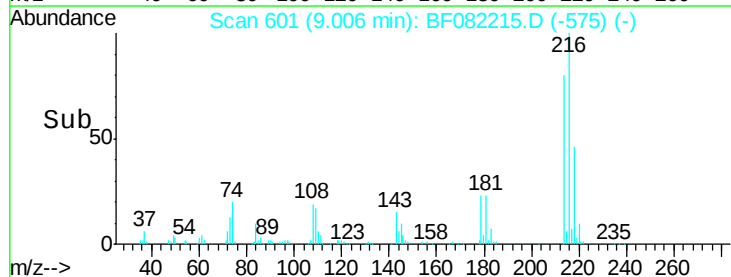
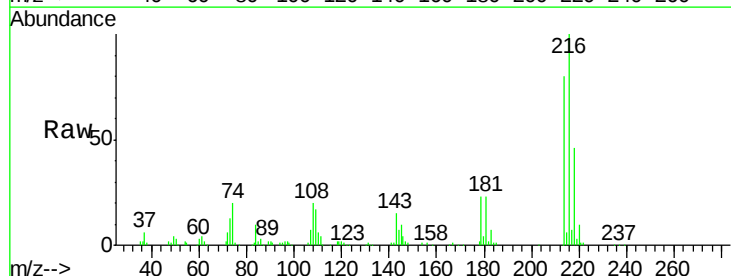
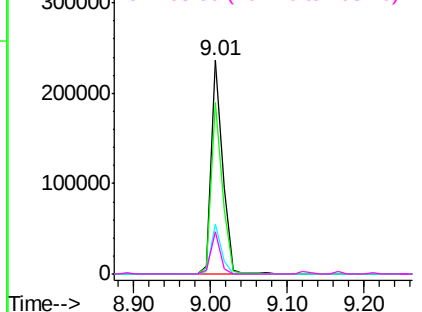
Abundance

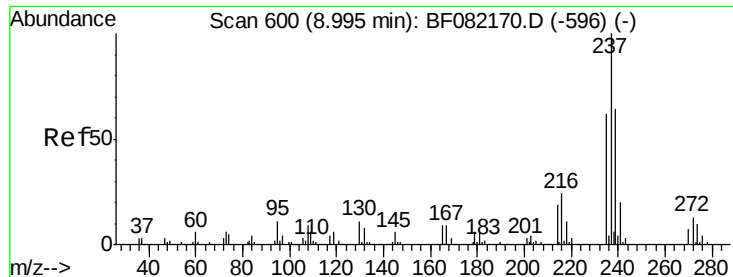
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

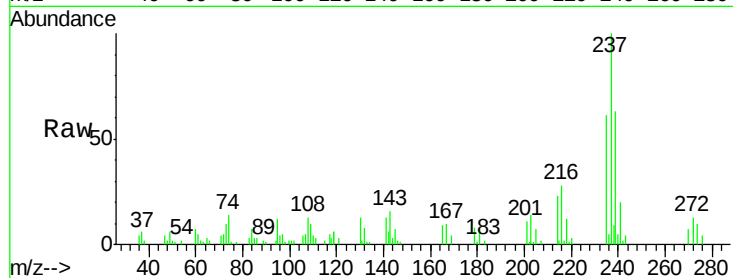




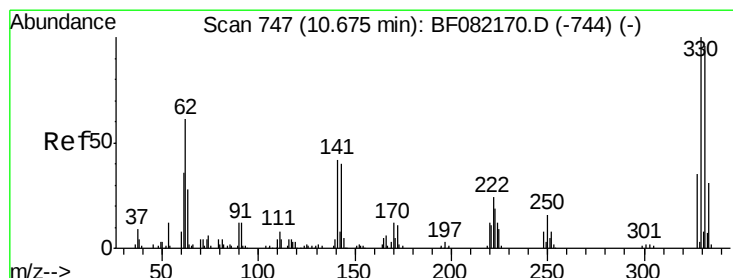
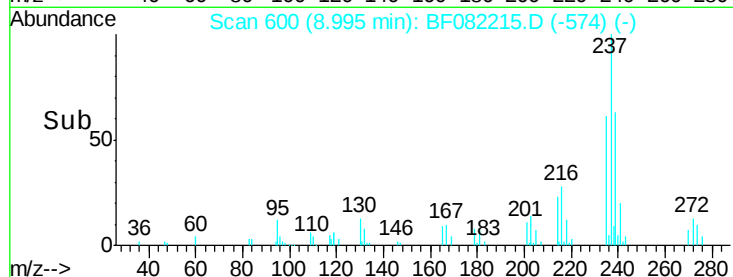
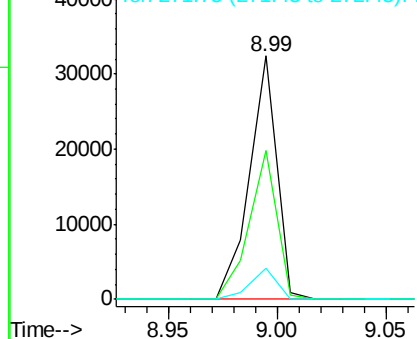
#40
Hexachlorocyclopentadiene
Concen: 16.73 ng
RT: 8.99 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 28254
Ion Ratio Lower Upper
237 100
235 61.0 41.7 81.7
272 13.1 0.0 32.8

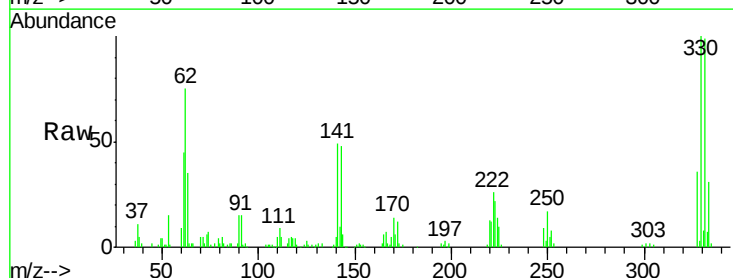


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

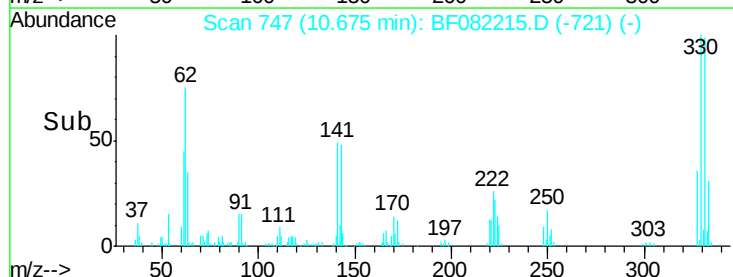
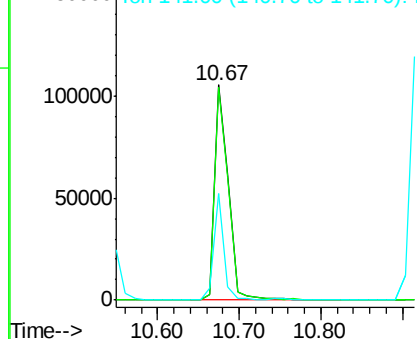


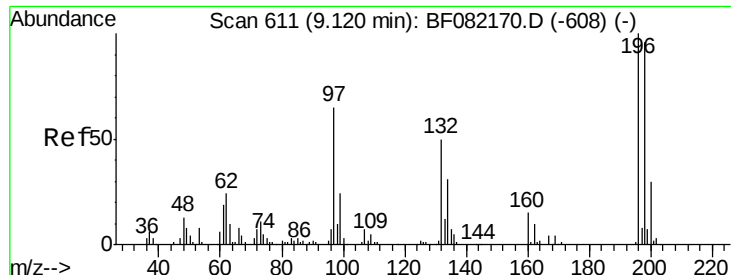
#41
2,4,6-Tribromophenol
Concen: 66.58 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:330 Resp: 124624
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 37.0 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: 40.13 ng

RT: 9.12 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampled :

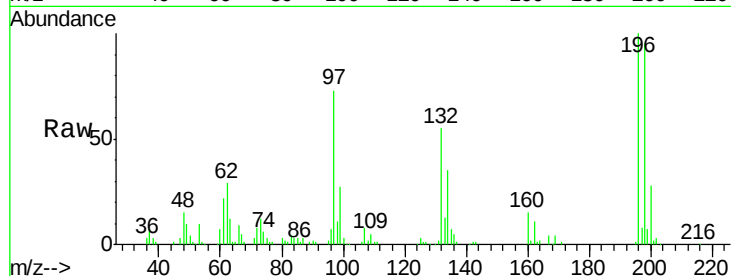
Tot Ion:196 Resp: 158224

Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

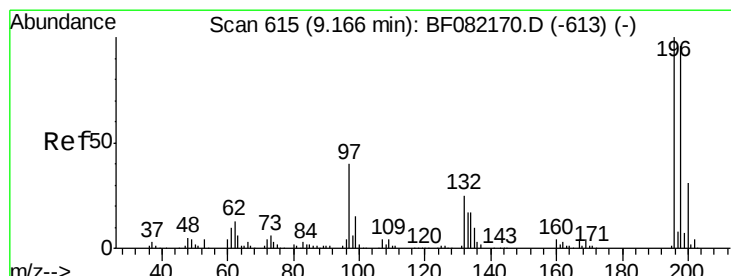
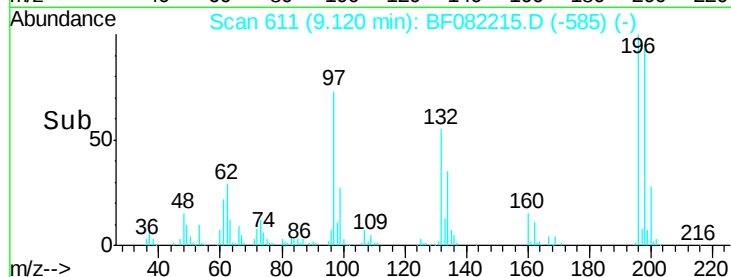
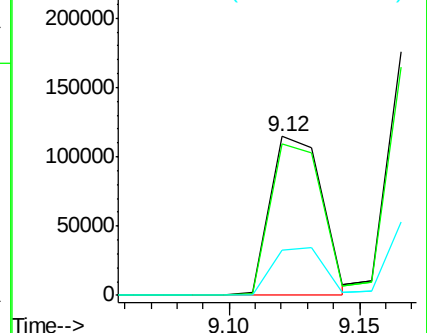
200 28.4 23.7 35.5



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: 40.13 ng

RT: 9.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:196 Resp: 171407

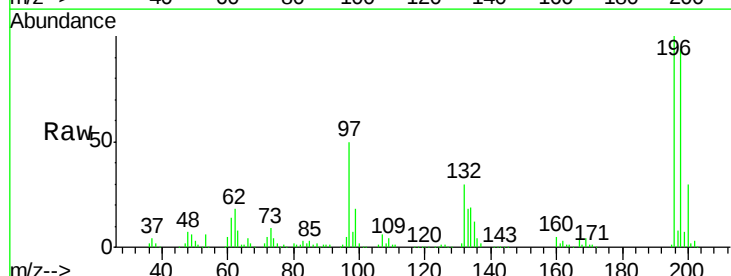
Ion Ratio Lower Upper

196 100

198 93.7 77.0 115.4

97 49.7 31.9 47.9#

132 29.6 20.3 30.5

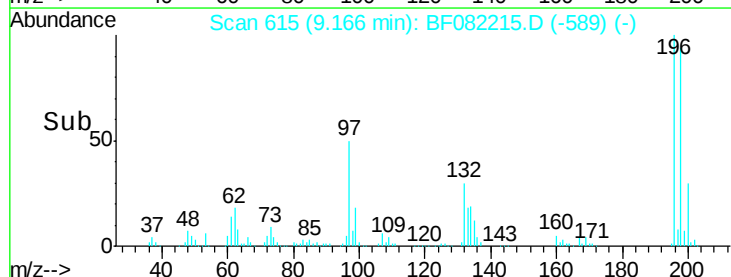
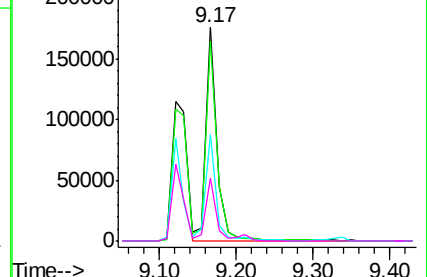


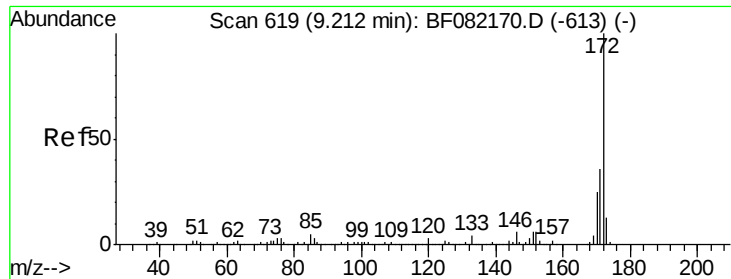
Abundance Ion 196.00 (195.70 to 196.70): E

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

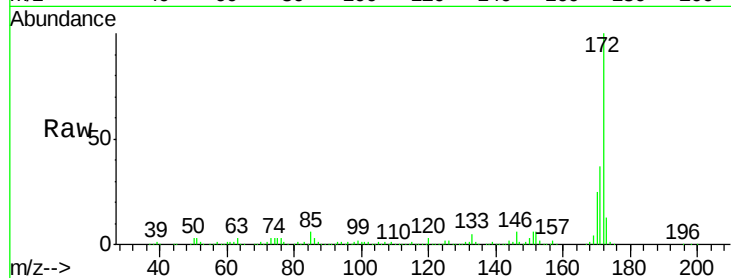




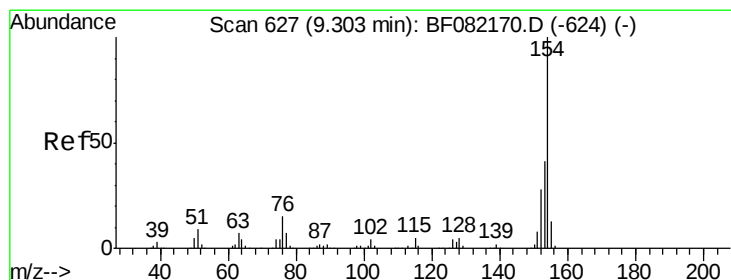
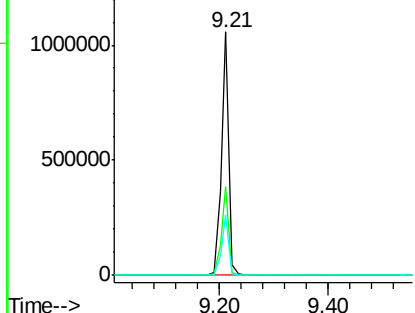
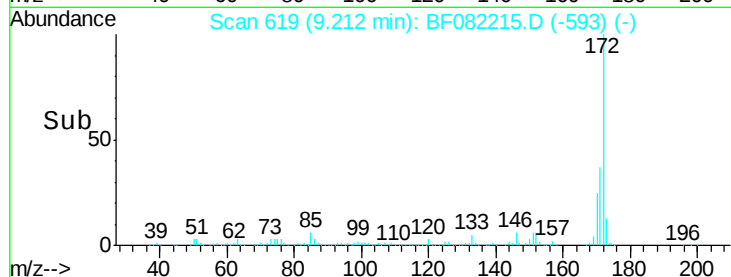
#44
 2-Fluorobiphenyl
 Concen: 86.13 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1036620
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 25.1 19.7 29.5

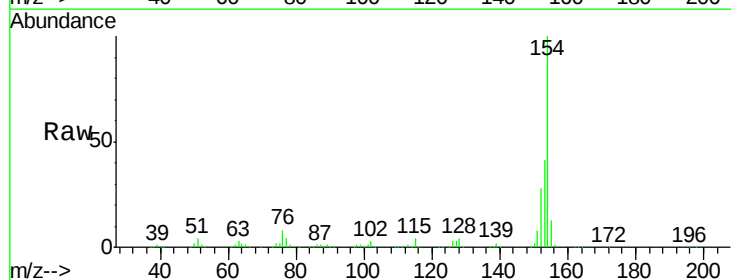


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

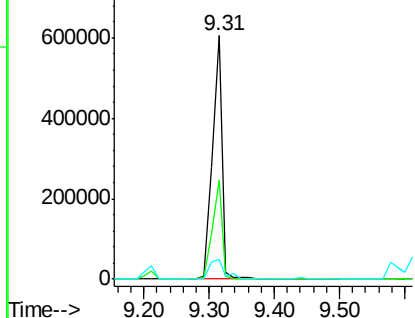
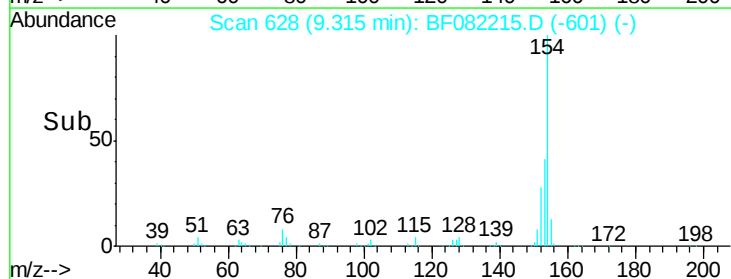


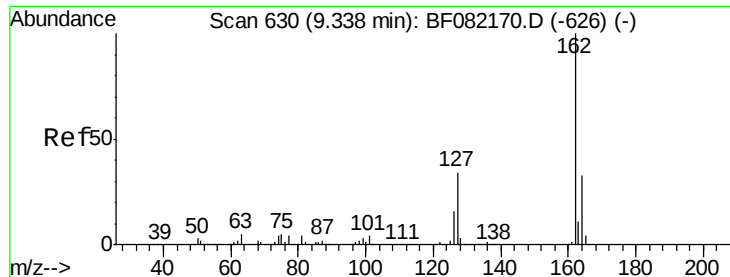
#45
 1,1'-Biphenyl
 Concen: 41.89 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion:154 Resp: 637627
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.6 60.6
 76 8.2 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

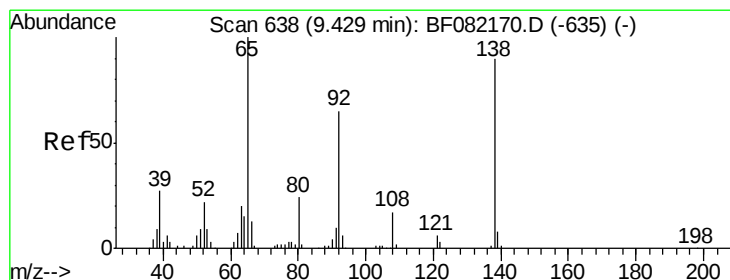
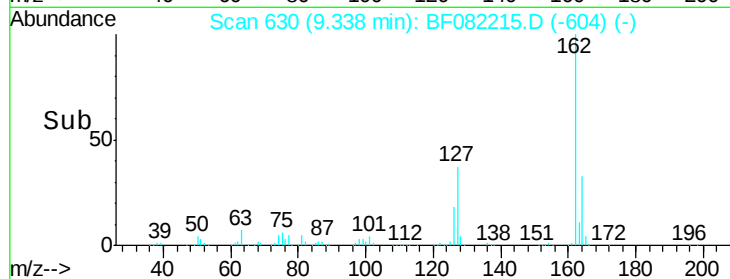
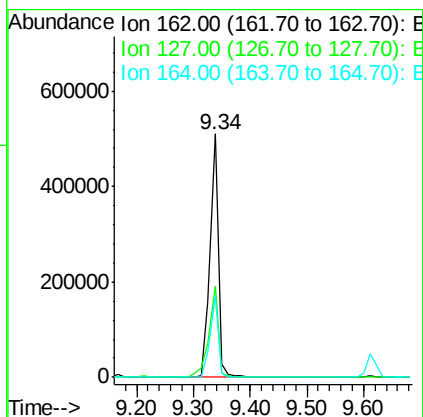
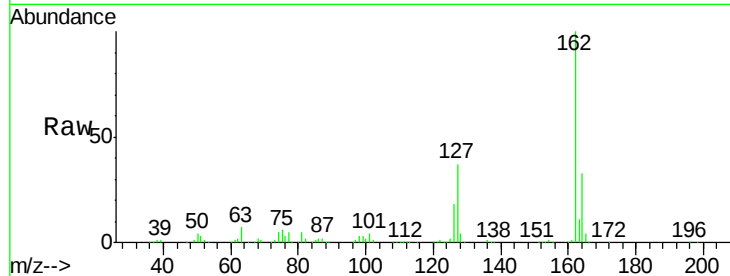




#46
2-Chloronaphthalene
Concen: 41.23 ng
RT: 9.34 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

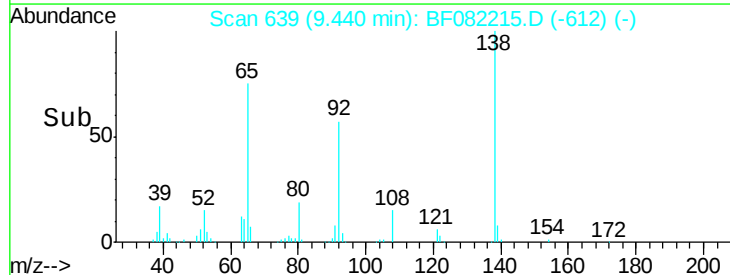
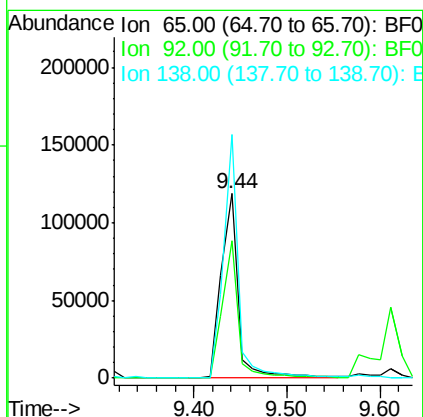
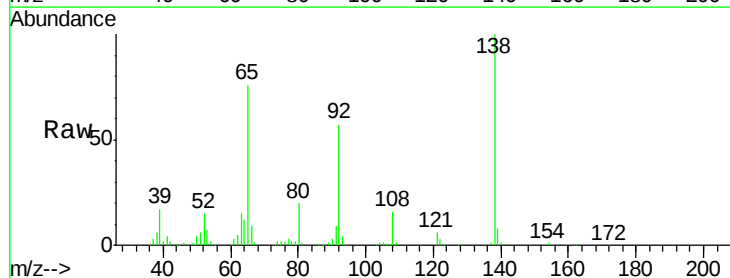
Instrument :
BNA_F
ClientSampleId :

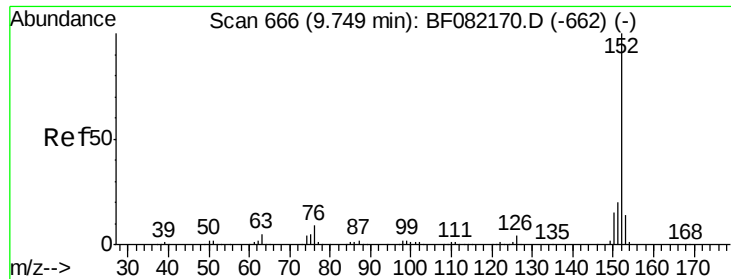
Tot Ion:162 Resp: 493981
Ion Ratio Lower Upper
162 100
127 37.3 27.5 41.3
164 33.5 26.6 39.8



#47
2-Nitroaniline
Concen: 45.83 ng
RT: 9.44 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion: 65 Resp: 150755
Ion Ratio Lower Upper
65 100
92 74.7 52.3 78.5
138 132.1 72.2 108.4#





#48

Acenaphthylene

Concen: 38.56 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

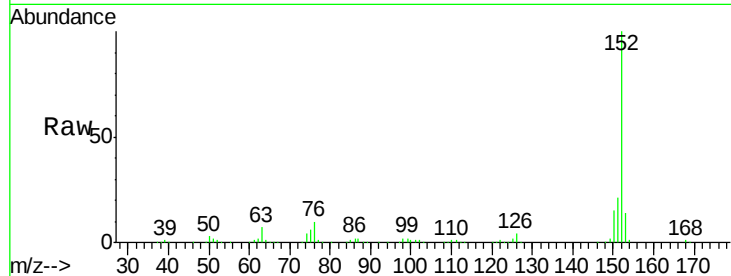
Tot Ion:152 Resp: 719693

Ion Ratio Lower Upper

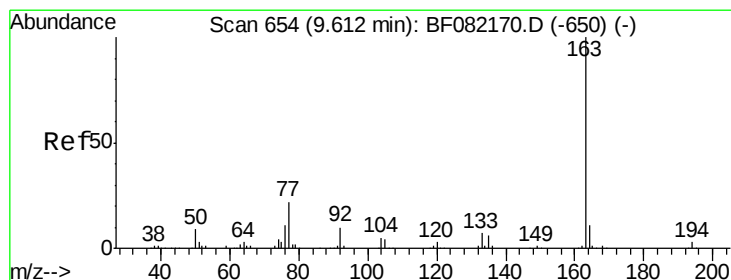
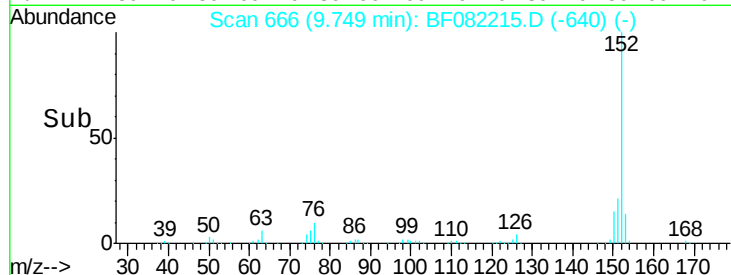
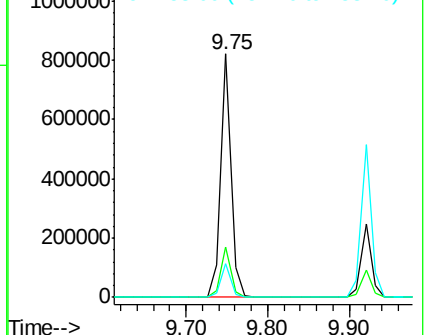
152 100

151 20.8 16.4 24.6

153 13.8 10.8 16.2



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



#49

Dimethylphthalate

Concen: 39.64 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

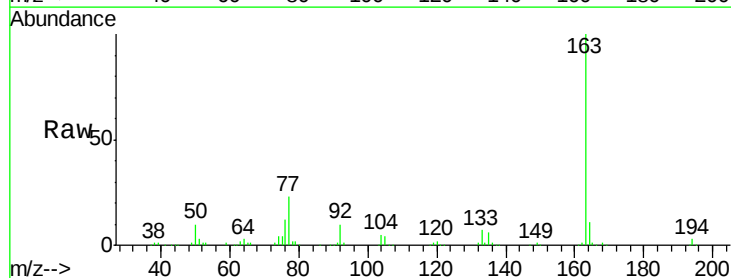
Tgt Ion:163 Resp: 557202

Ion Ratio Lower Upper

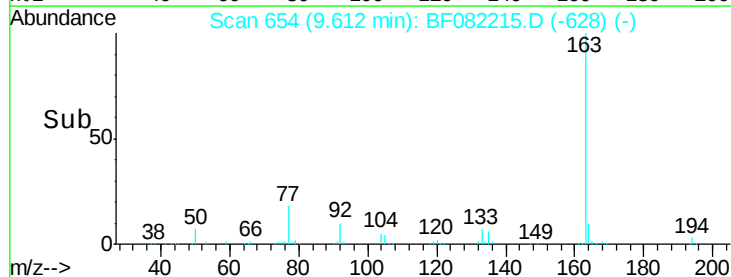
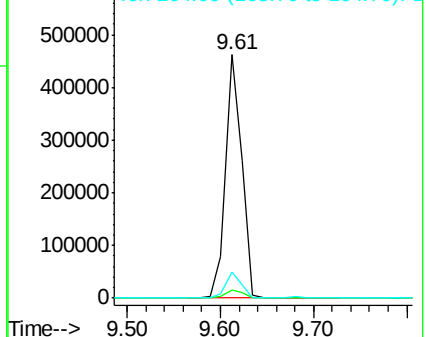
163 100

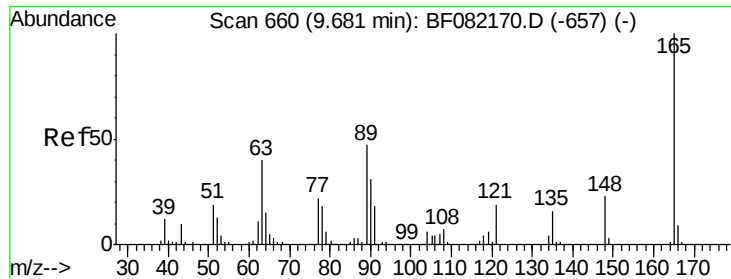
194 3.2 2.6 4.0

164 10.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

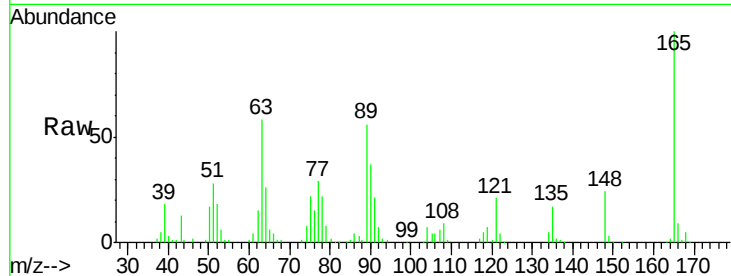




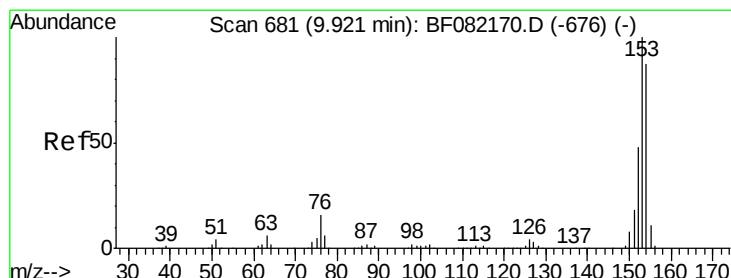
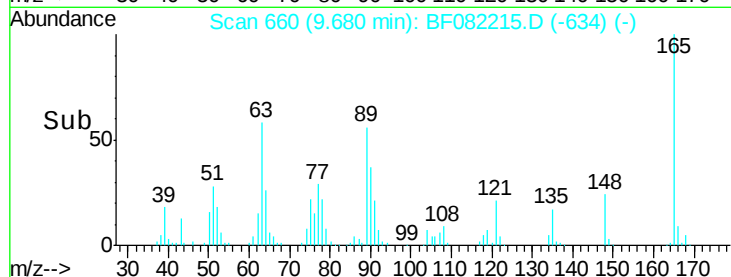
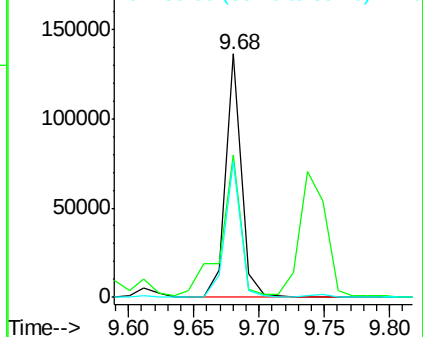
#50
2,6-Dinitrotoluene
Concen: 38.95 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 115514
Ion Ratio Lower Upper
165 100
63 58.5 36.7 55.1#
89 55.9 37.8 56.6

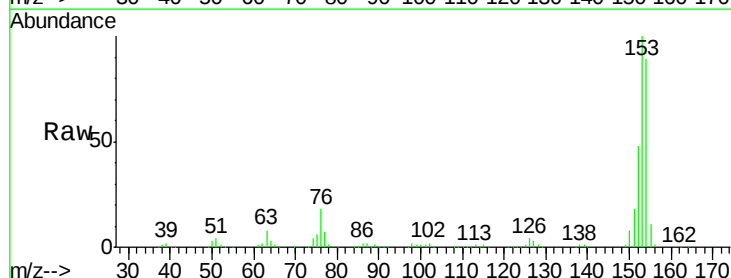


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

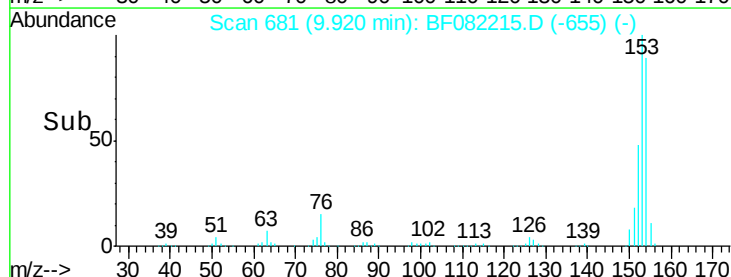
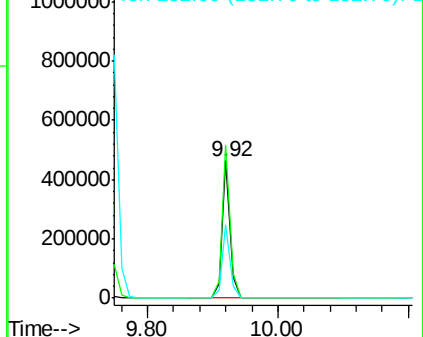


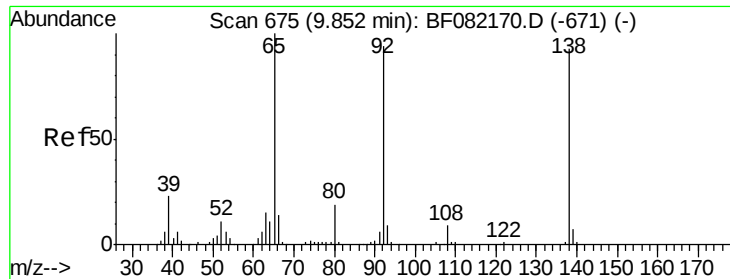
#51
Acenaphthene
Concen: 36.68 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:154 Resp: 410961
Ion Ratio Lower Upper
154 100
153 111.9 91.4 137.2
152 53.3 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: 42.75 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

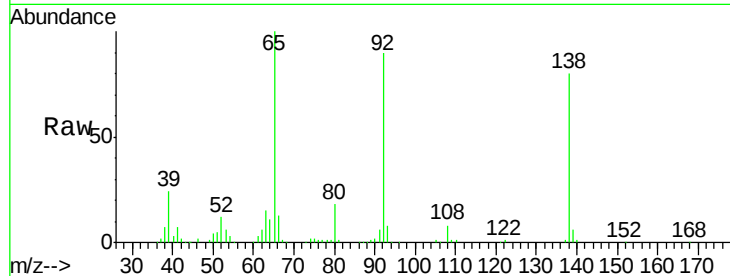
Tot Ion:138 Resp: 143208

Ion Ratio Lower Upper

138 100

108 10.0 7.4 11.0

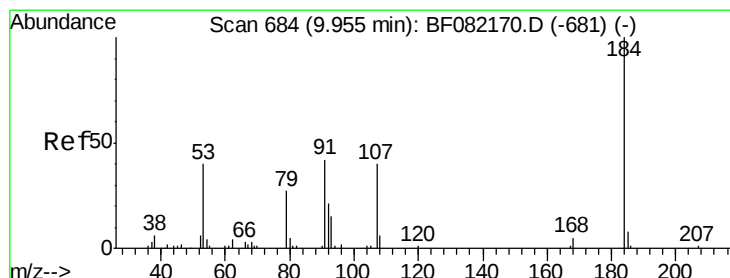
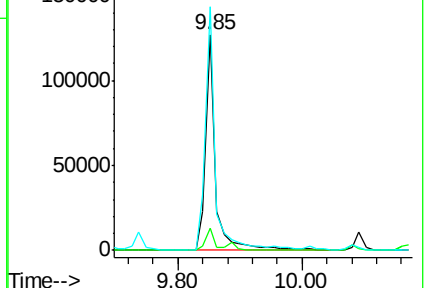
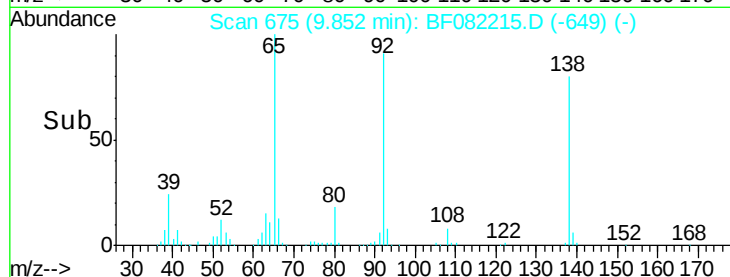
92 112.8 81.3 121.9



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: 10.19 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

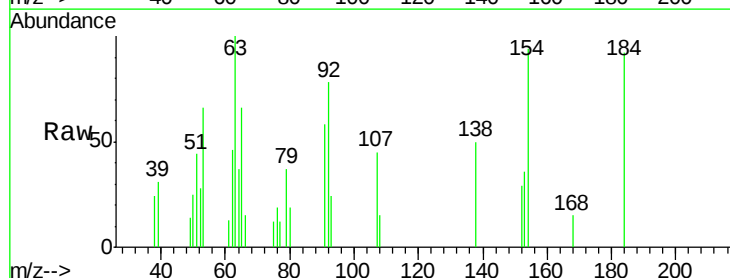
Tgt Ion:184 Resp: 6833

Ion Ratio Lower Upper

184 100

63 108.5 45.1 67.7#

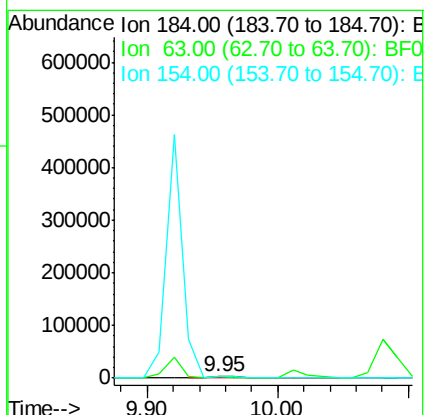
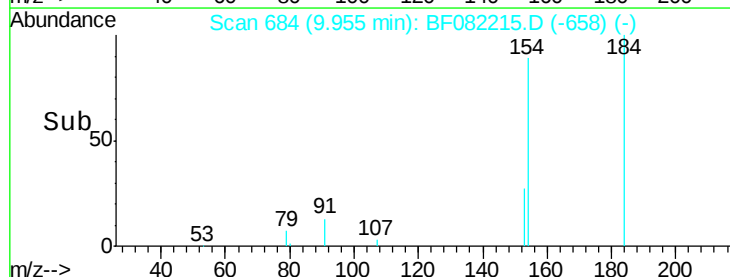
154 102.4 51.2 76.8#

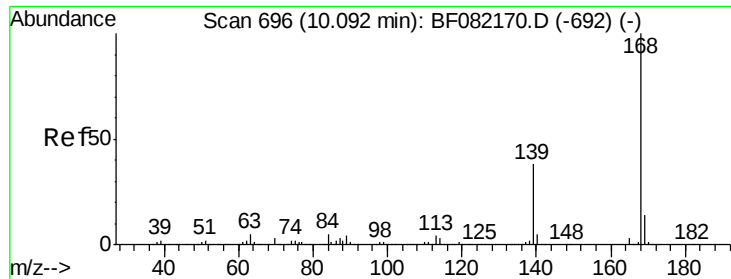


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

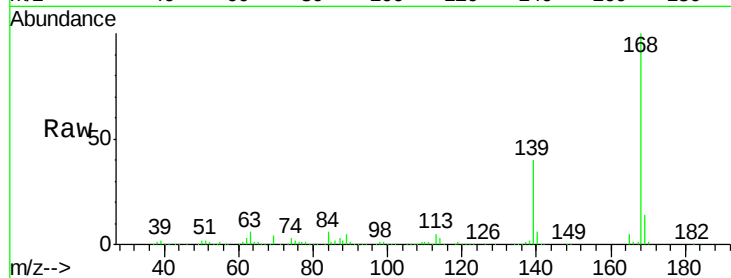




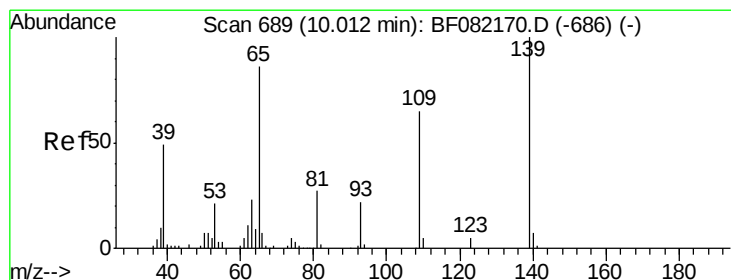
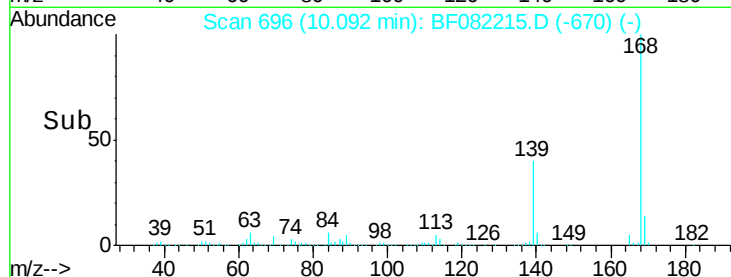
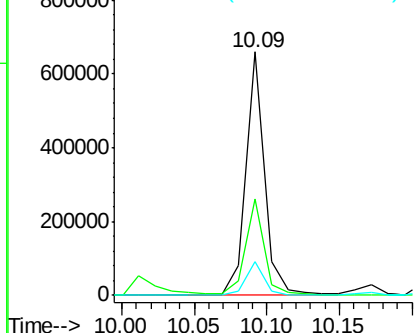
#54
Dibenzenofuran
Concen: 38.46 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 591729
Ion Ratio Lower Upper
168 100
139 39.6 31.0 46.6
169 13.9 10.9 16.3

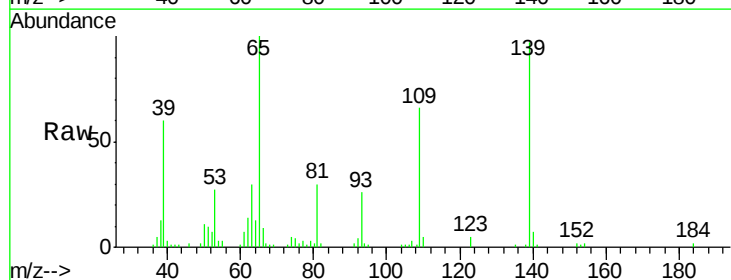


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

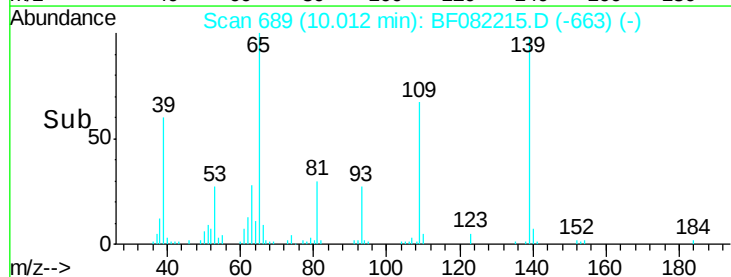
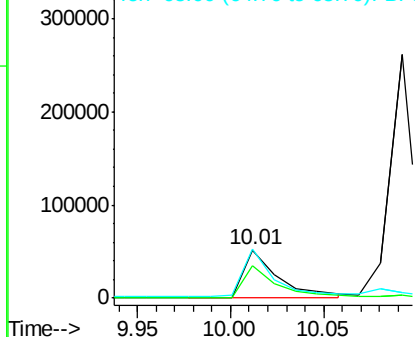


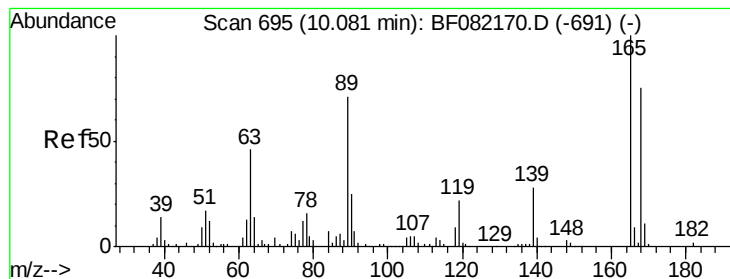
#55
4-Nitrophenol
Concen: 37.19 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:139 Resp: 68038
Ion Ratio Lower Upper
139 100
109 68.1 44.8 84.8
65 102.9 67.7 107.7



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





#56

2,4-Dinitrotoluene

Concen: 36.15 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 134001

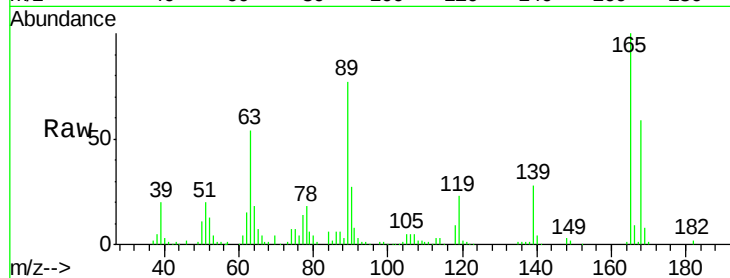
Ion Ratio Lower Upper

165 100

63 54.2 38.6 58.0

89 76.7 57.0 85.6

182 2.1 1.8 2.6

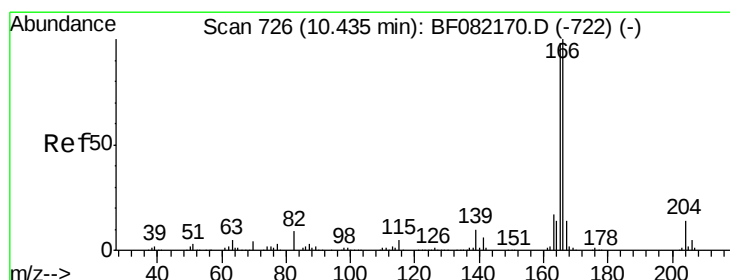
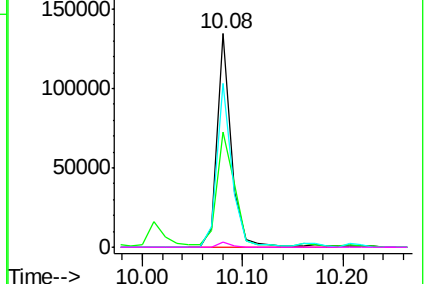
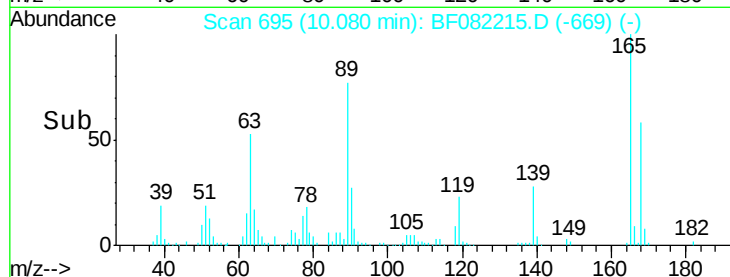


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.03 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

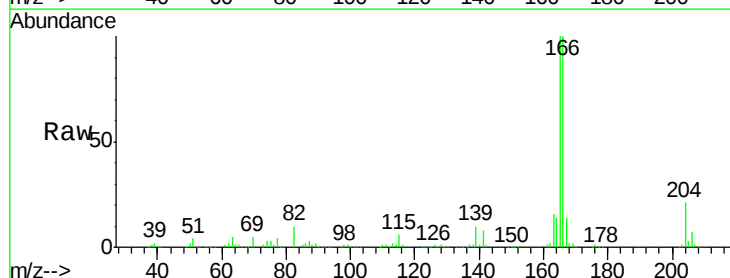
Tgt Ion:166 Resp: 467859

Ion Ratio Lower Upper

166 100

165 99.8 78.3 117.5

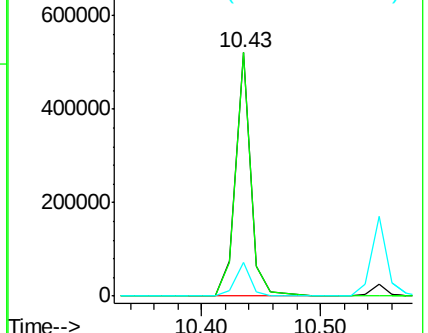
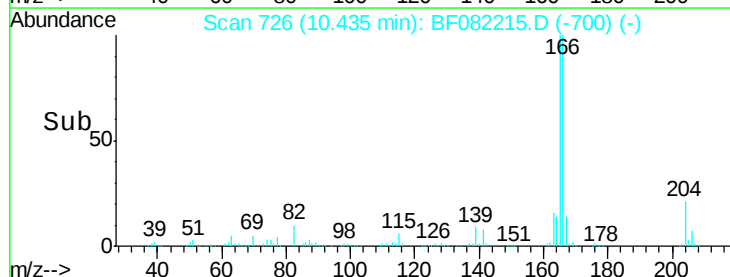
167 13.6 10.8 16.2

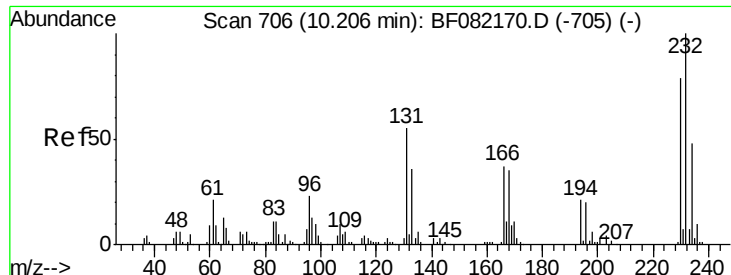


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

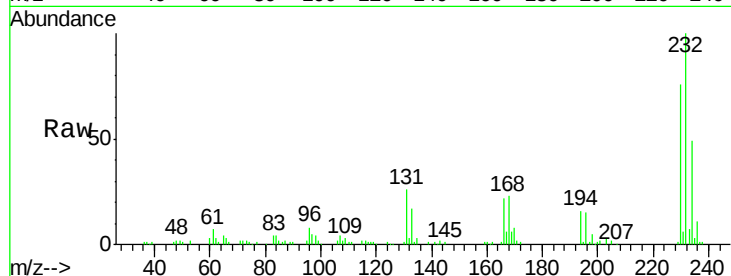




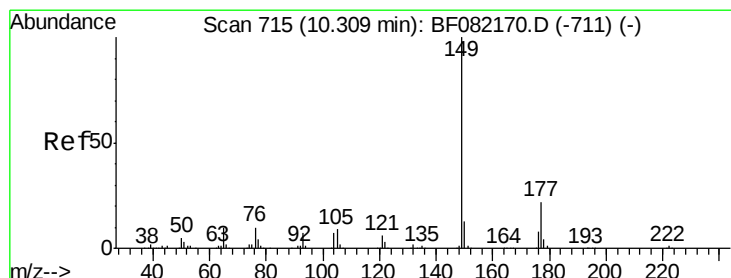
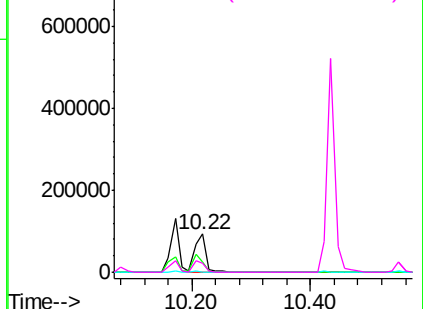
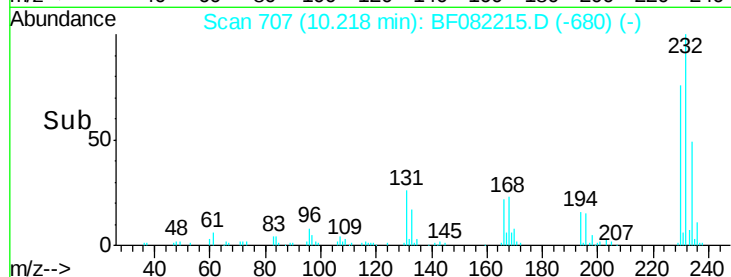
#58
2,3,4,6-Tetrachlorophenol
Concen: 36.14 ng
RT: 10.22 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 126140
Ion Ratio Lower Upper
232 100
131 40.1 36.6 54.8
130 1.7 1.5 2.3
166 28.6 24.6 37.0

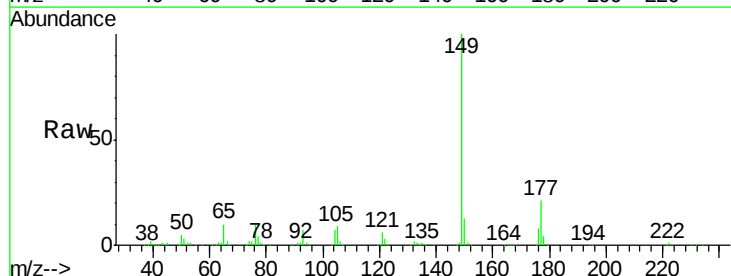


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

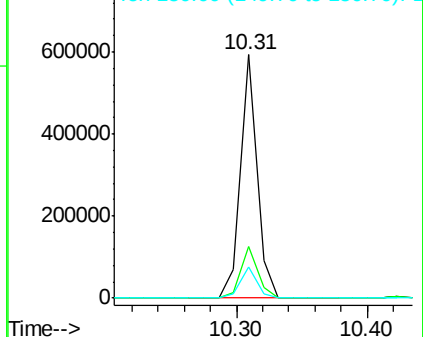
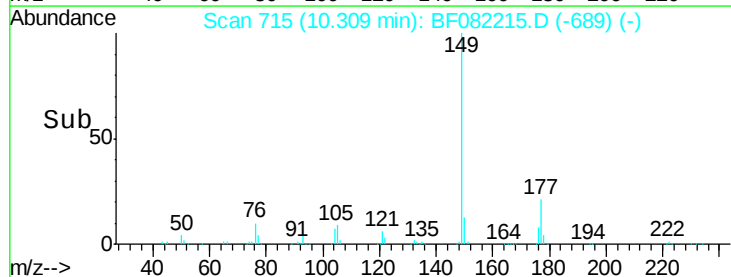


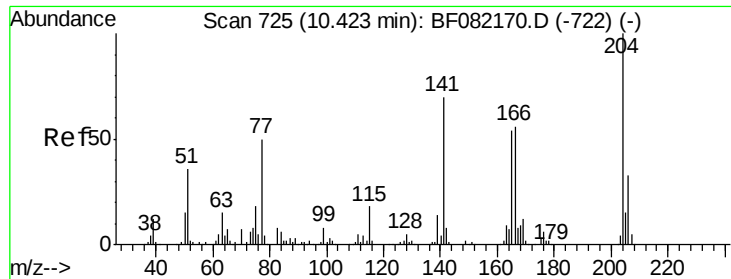
#59
Diethylphthalate
Concen: 39.81 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:149 Resp: 521526
Ion Ratio Lower Upper
149 100
177 21.3 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

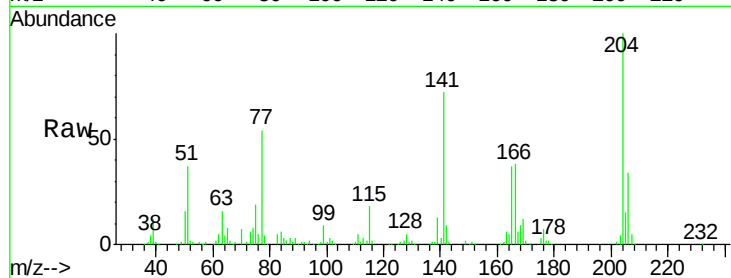




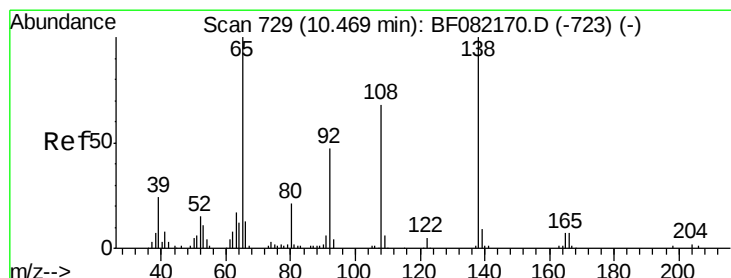
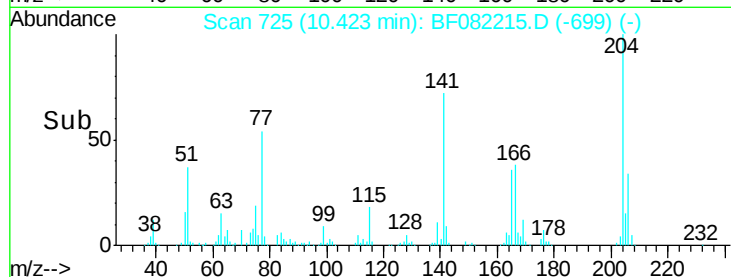
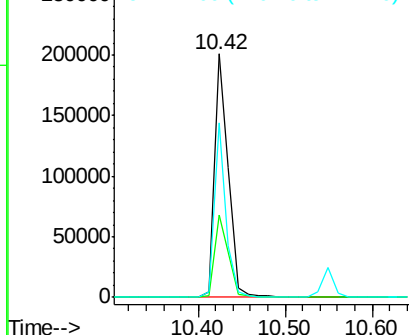
#60
4-Chlorophenyl-phenylether
Concen: 38.72 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 224073
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 71.6 56.1 84.1

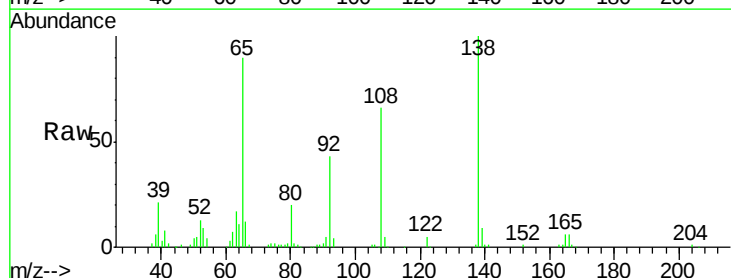


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

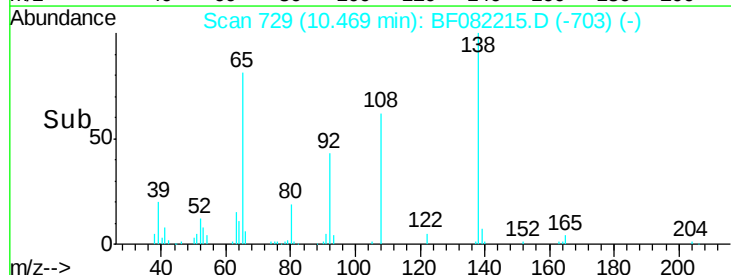
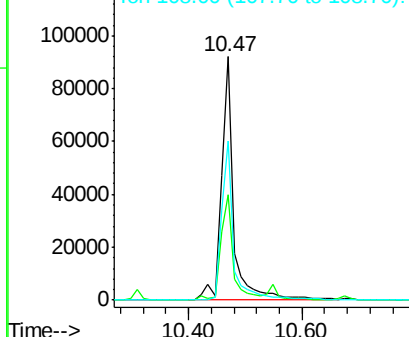


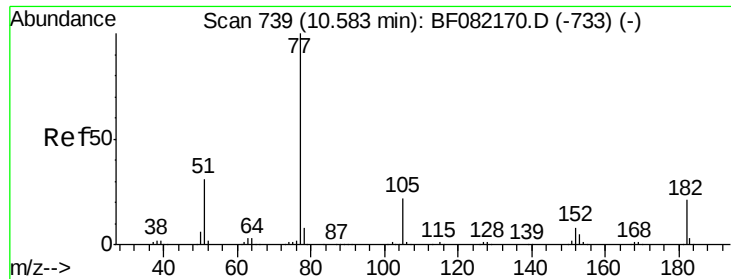
#61
4-Nitroaniline
Concen: 42.57 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:138 Resp: 138331
Ion Ratio Lower Upper
138 100
92 43.2 26.8 66.8
108 65.5 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

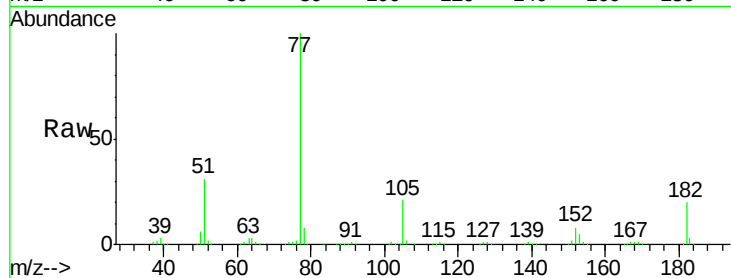




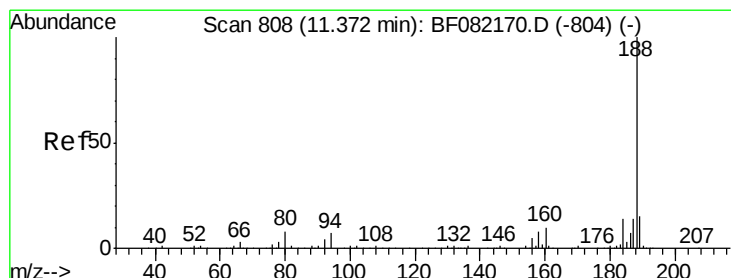
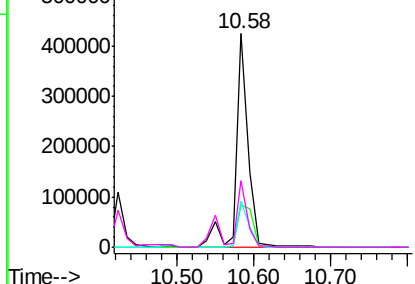
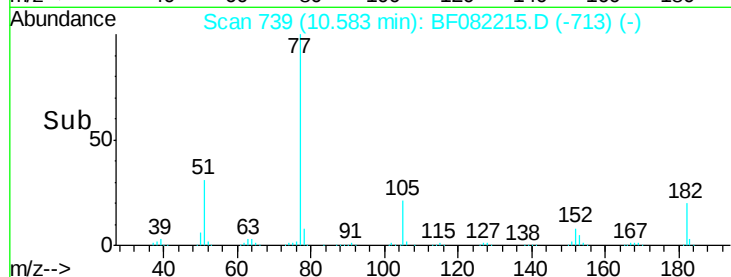
#62
Azobenzene
Concen: 36.42 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 466967
Ion Ratio Lower Upper
77 100
182 20.0 0.5 40.5
105 21.3 1.8 41.8
51 31.2 11.2 51.2

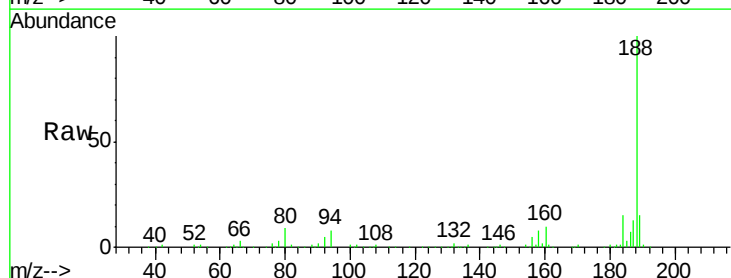


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

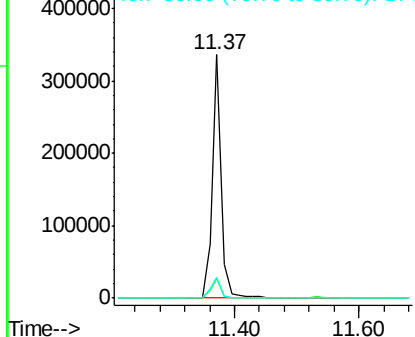
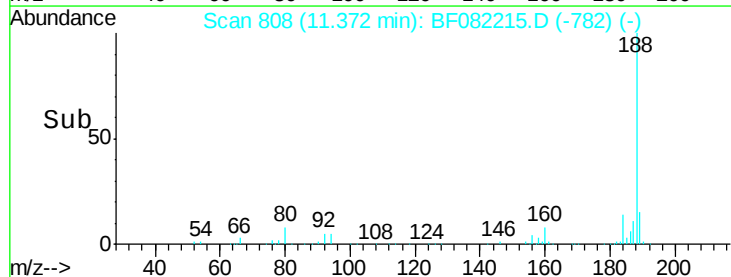


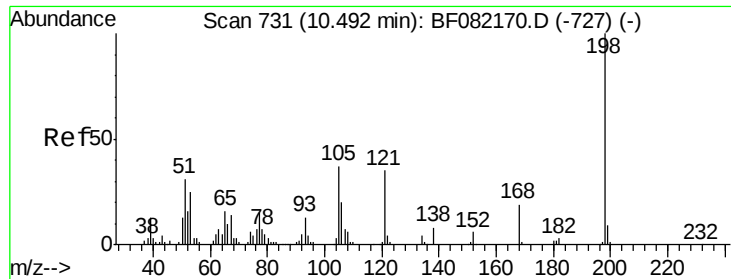
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion: 188 Resp: 328944
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 8.6 6.4 9.6



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

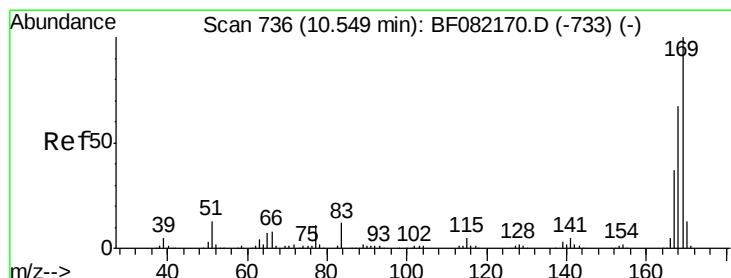
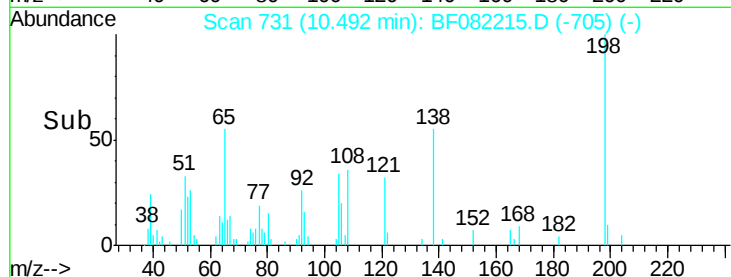
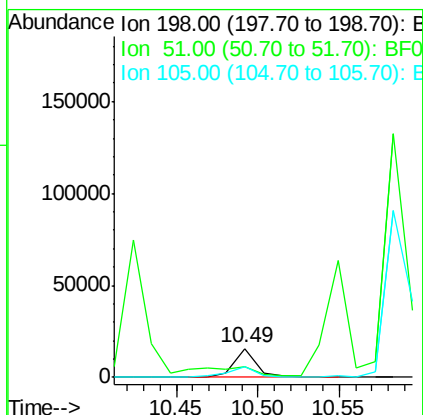
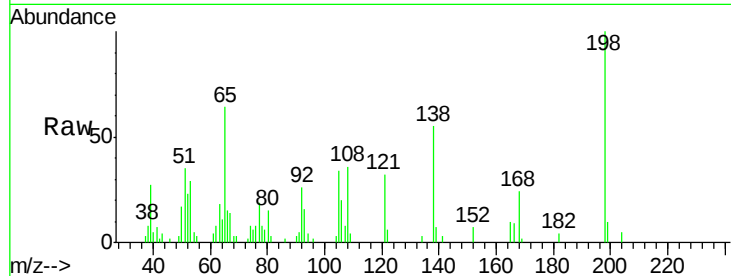




#64
4,6-Dinitro-2-methylphenol
Concen: 8.18 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

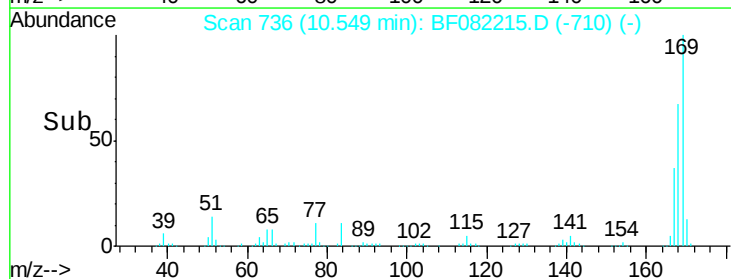
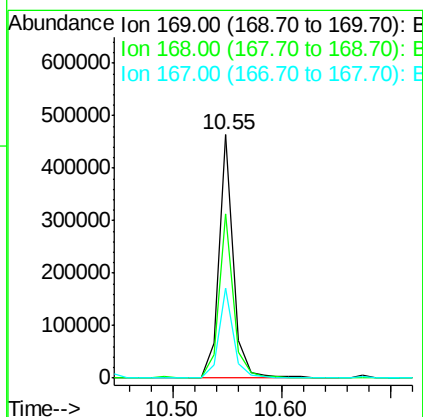
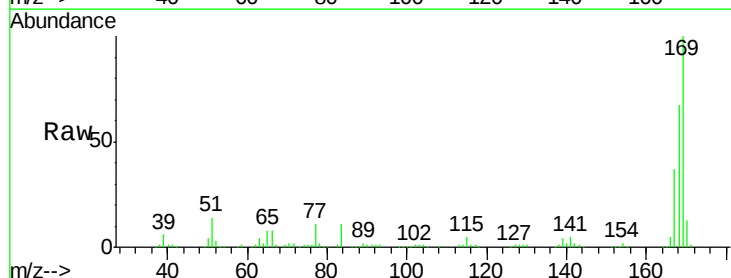
Instrument :
BNA_F
ClientSampleId :

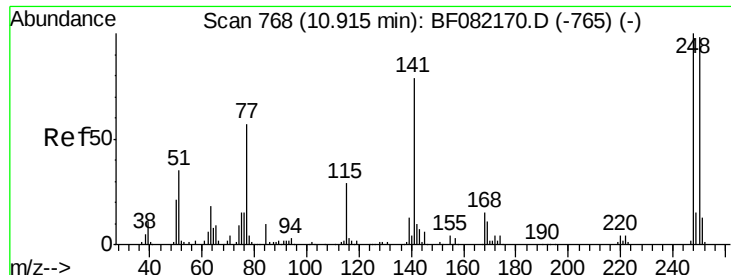
Tot Ion:198 Resp: 15102
Ion Ratio Lower Upper
198 100
51 34.9 13.6 53.6
105 34.4 17.1 57.1



#65
n-Nitrosodiphenylamine
Concen: 43.86 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:169 Resp: 432015
Ion Ratio Lower Upper
169 100
168 67.4 54.0 81.0
167 36.8 29.6 44.4

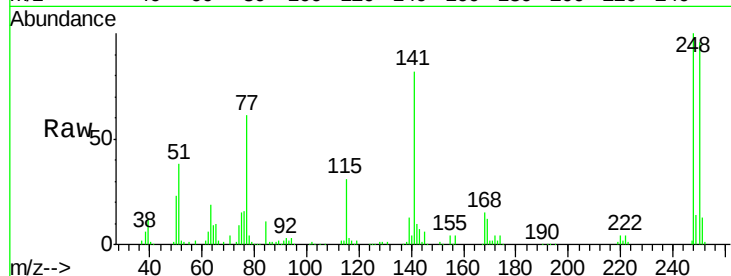




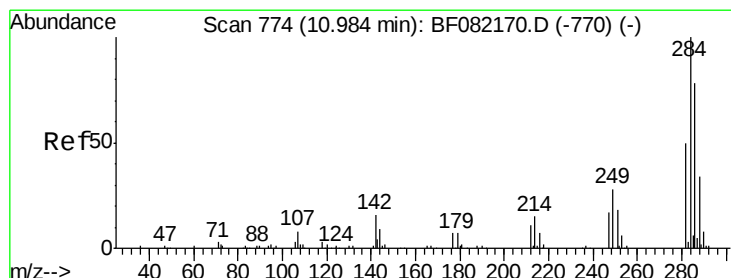
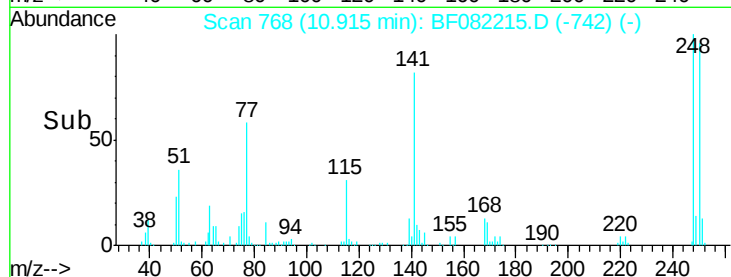
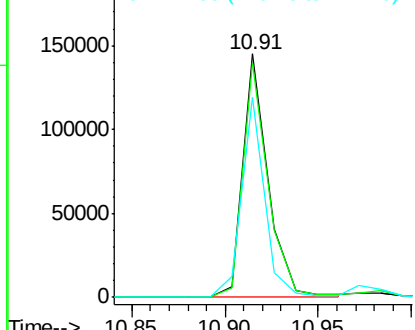
#66
4-Bromophenyl-phenylether
Concen: 41.39 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 136252
Ion Ratio Lower Upper
248 100
250 96.3 78.6 117.8
141 82.3 63.3 94.9

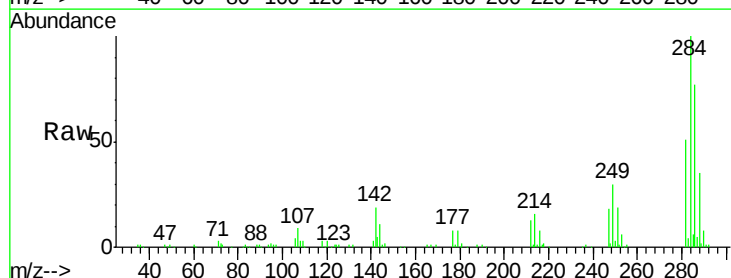


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

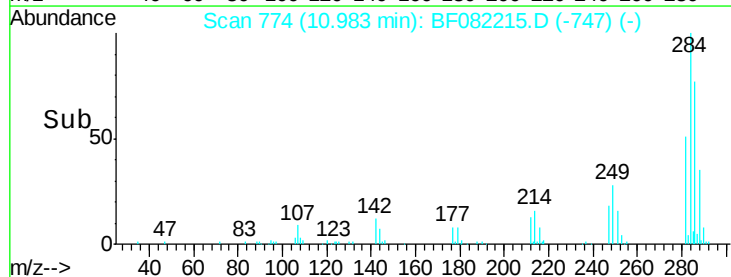
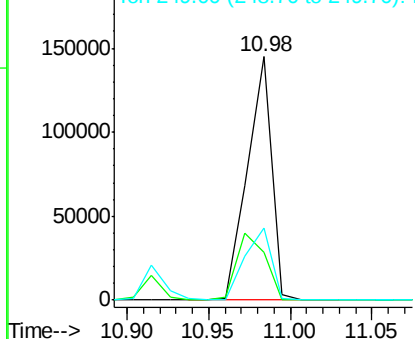


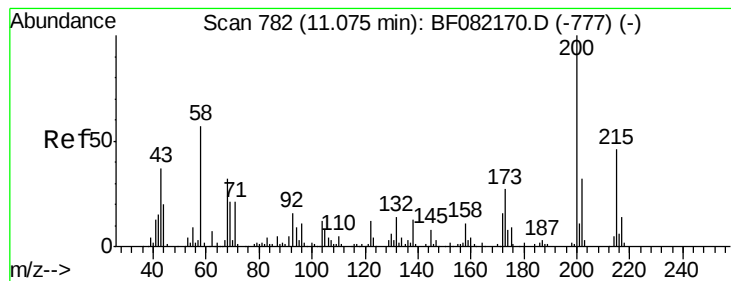
#67
Hexachlorobenzene
Concen: 42.00 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:284 Resp: 149518
Ion Ratio Lower Upper
284 100
142 19.5 13.0 19.6
249 29.8 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: 35.29 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

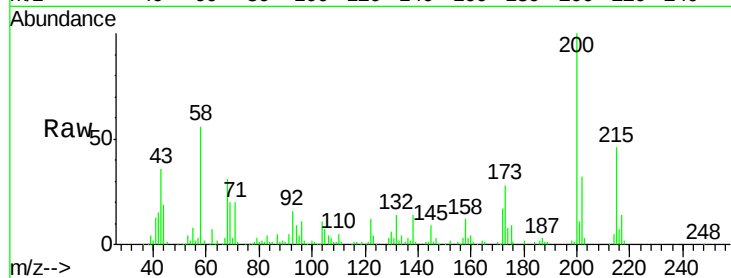
Tot Ion:200 Resp: 110123

Ion Ratio Lower Upper

200 100

173 28.0 7.3 47.3

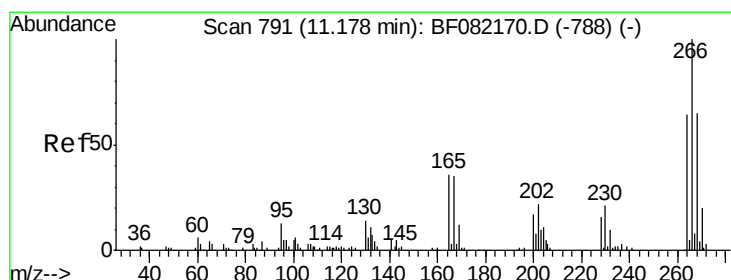
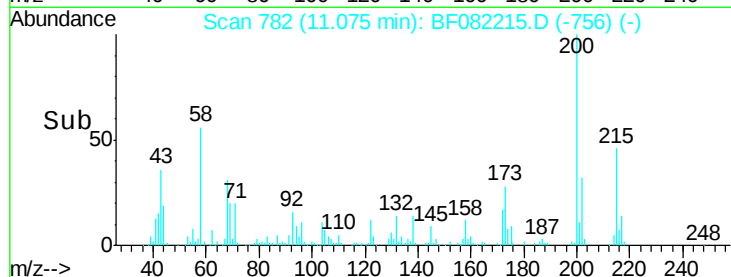
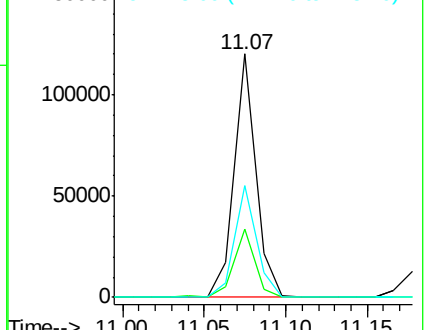
215 46.0 26.2 66.2



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: 39.82 ng

RT: 11.18 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

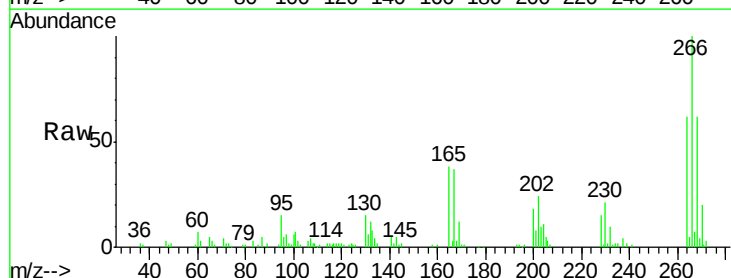
Tgt Ion:266 Resp: 72948

Ion Ratio Lower Upper

266 100

268 61.9 52.0 78.0

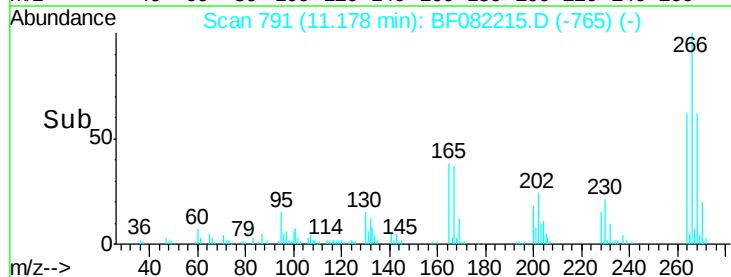
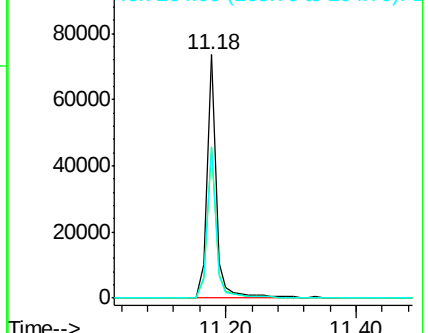
264 62.3 51.4 77.0

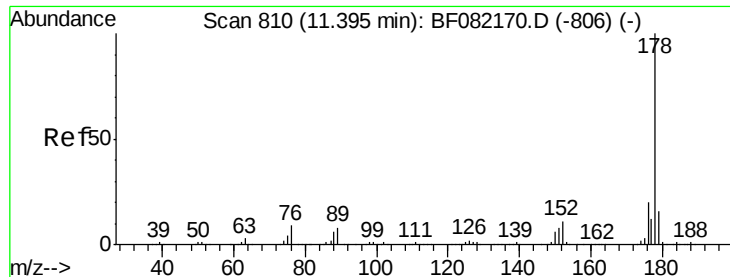


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

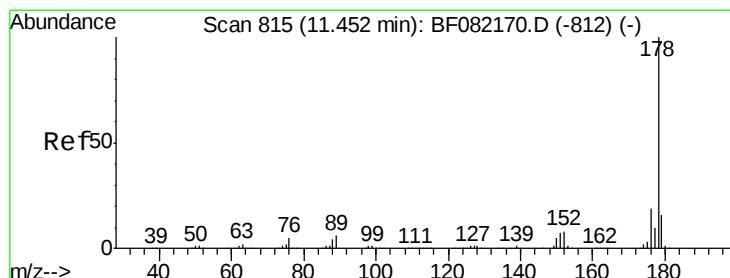
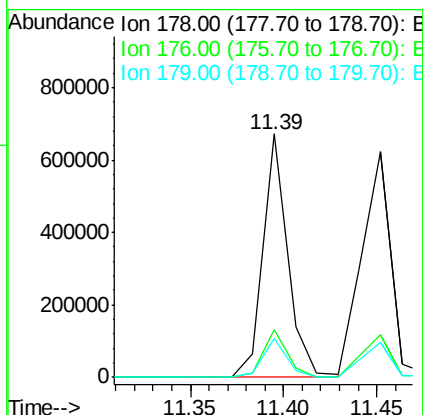
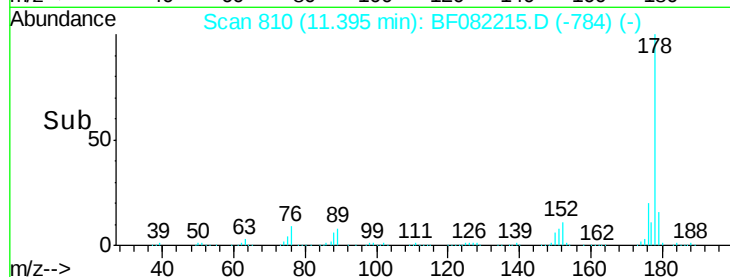
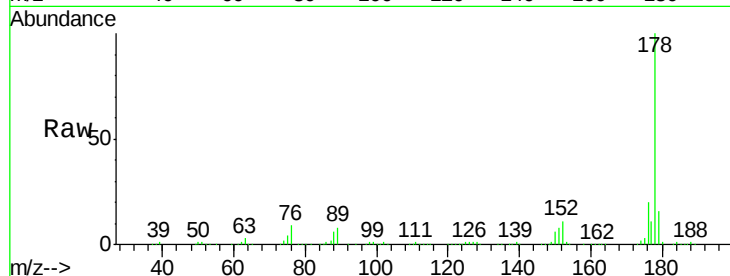




#70
Phenanthrene
Concen: 38.10 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

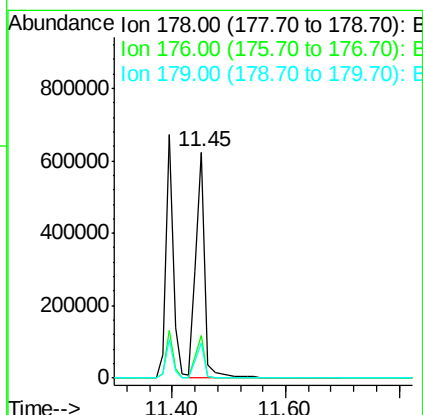
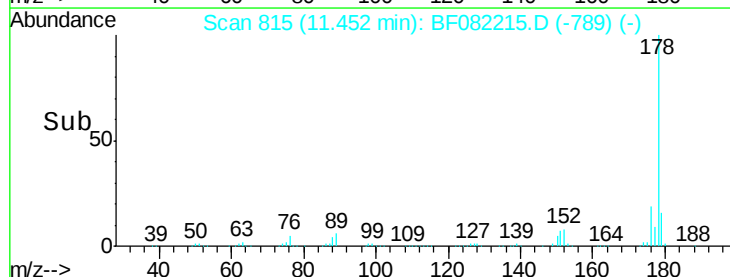
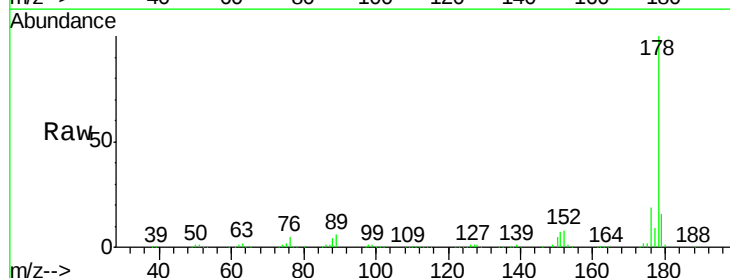
Instrument :
BNA_F
ClientSampleId :

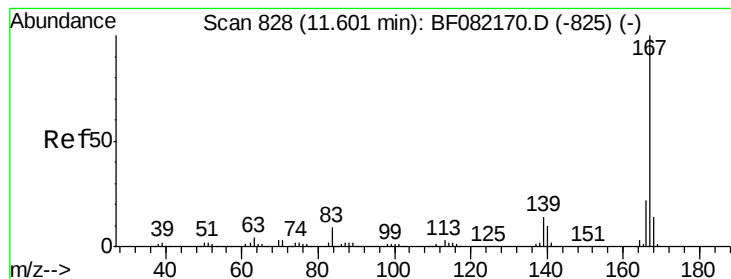
Tot Ion:178 Resp: 614360
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.9 12.6 19.0



#71
Anthracene
Concen: 41.58 ng
RT: 11.45 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:178 Resp: 690807
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.5 18.7





#72

Carbazole

Concen: 38.22 ng

RT: 11.61 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

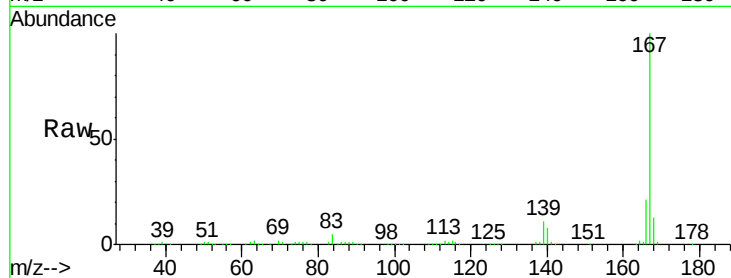
Tot Ion:167 Resp: 579255

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

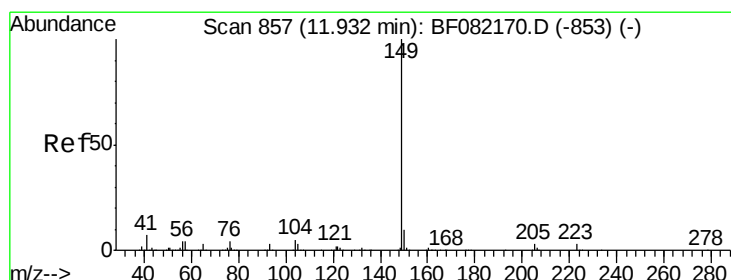
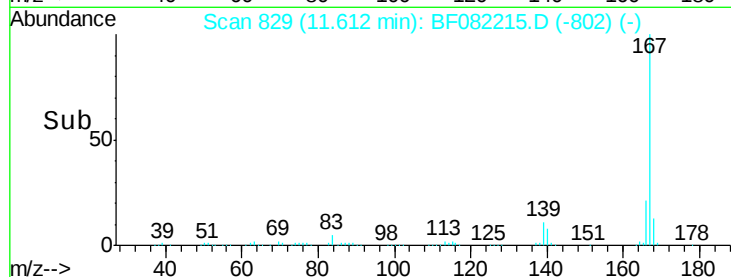
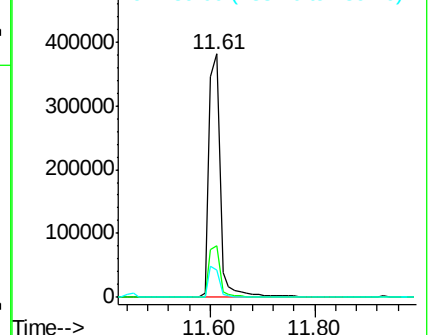
139 11.1 11.2 16.8#



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: 40.96 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

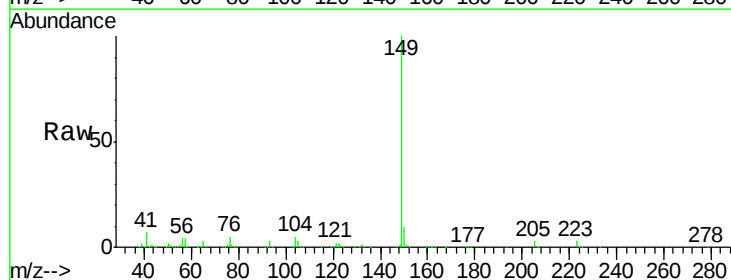
Tgt Ion:149 Resp: 765853

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

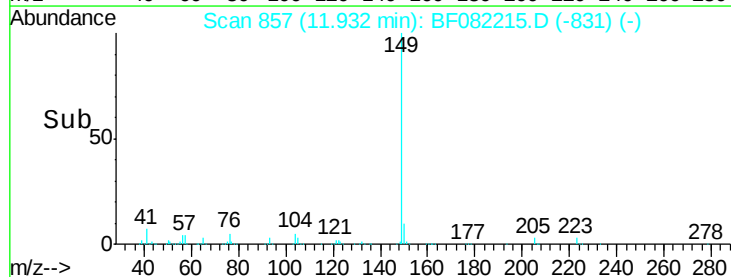
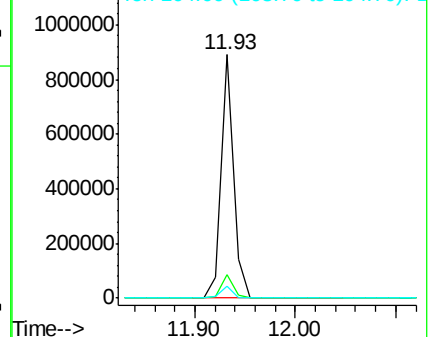
104 4.8 3.8 5.8

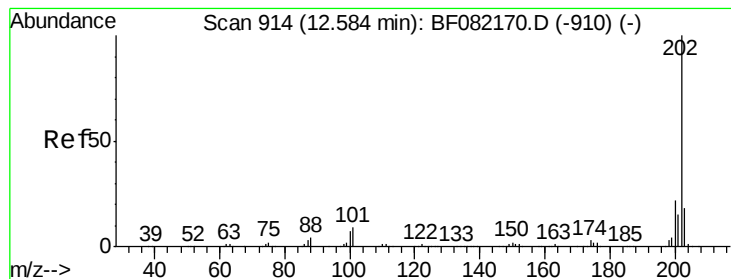


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.43 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

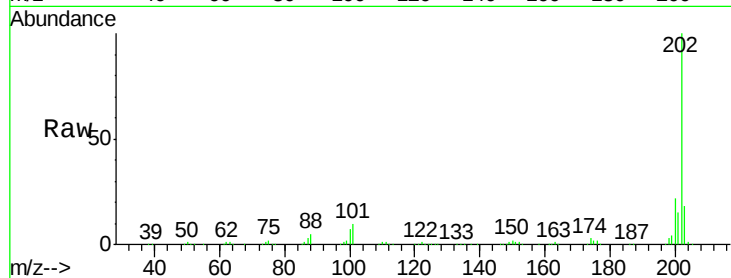
Tot Ion:202 Resp: 630886

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.3

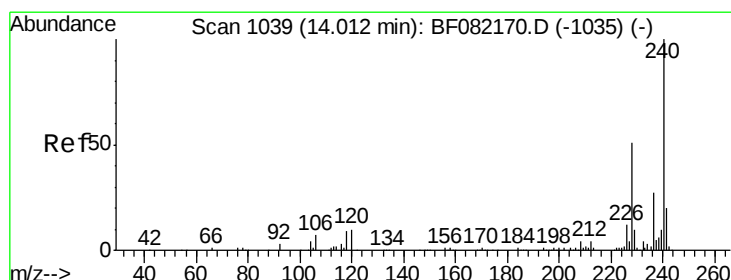
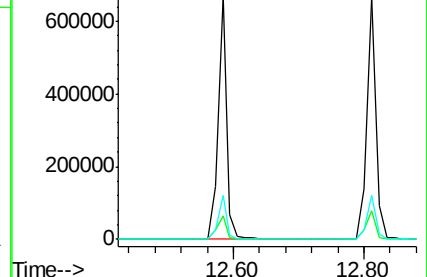
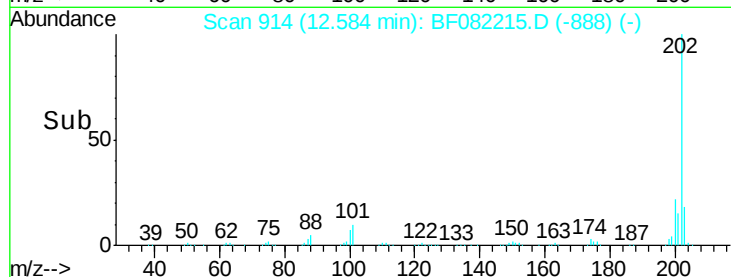
203 18.1 0.0 37.8



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: BF082215.D

Acq: 11 Oct 2015 10:38

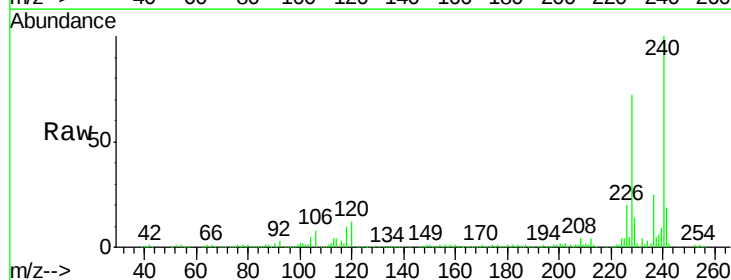
Tgt Ion:240 Resp: 286326

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

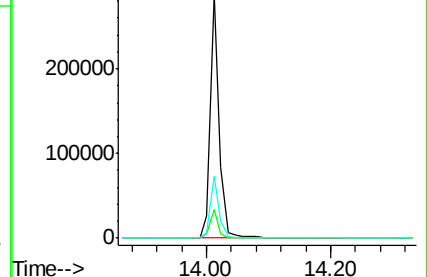
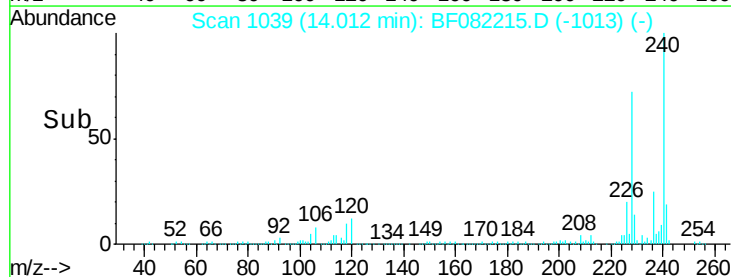
236 25.3 21.3 31.9

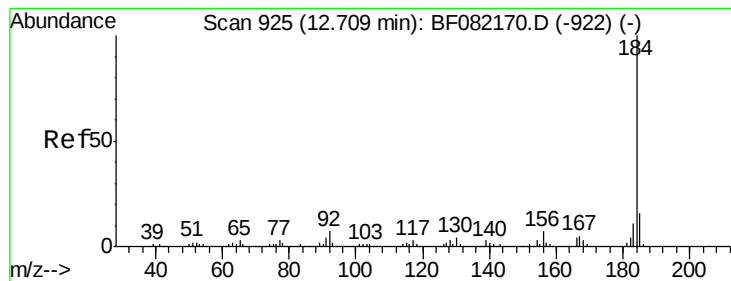


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

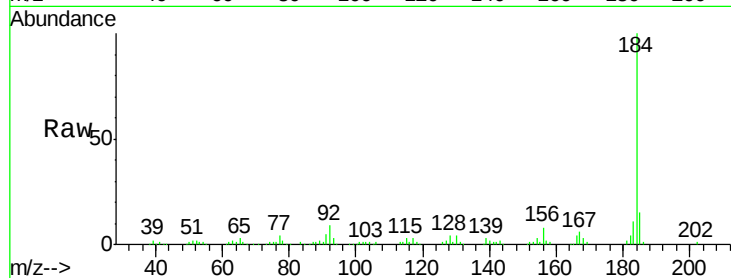




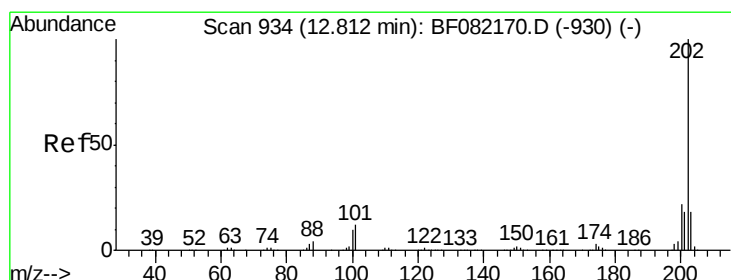
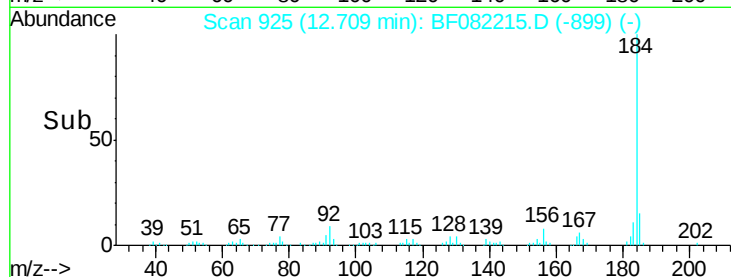
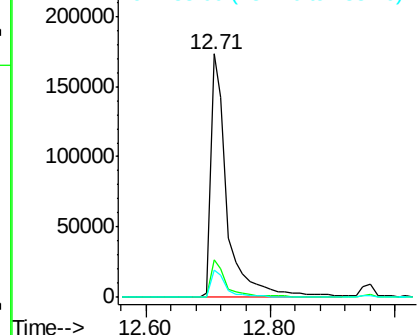
#76
Benzidine
Concen: 38.10 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 316145
Ion Ratio Lower Upper
184 100
185 15.2 12.5 18.7
183 11.3 9.1 13.7

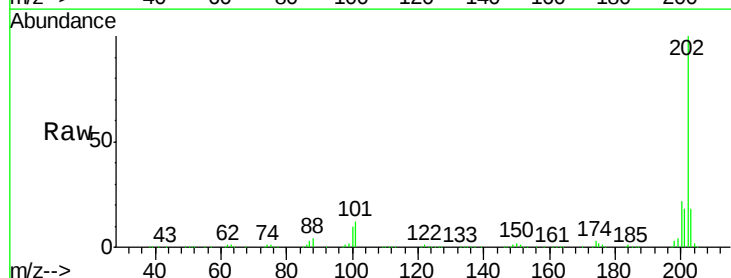


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

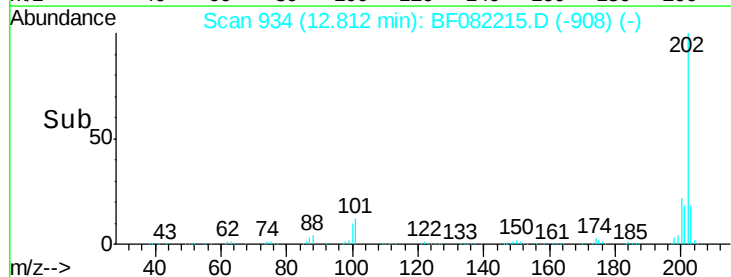
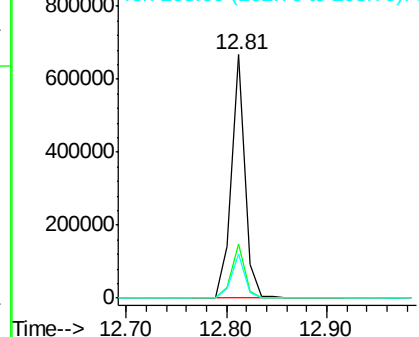


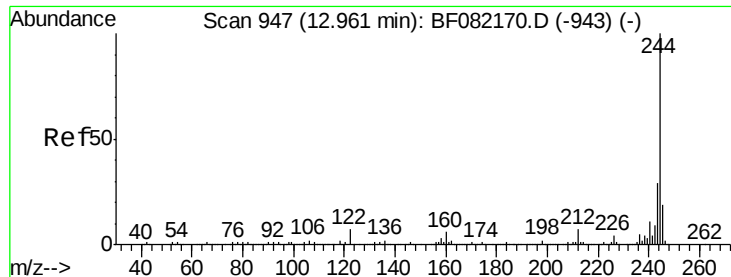
#77
Pyrene
Concen: 36.96 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:202 Resp: 628092
Ion Ratio Lower Upper
202 100
200 22.1 17.9 26.9
203 18.1 14.5 21.7



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





#78

Terphenyl-d14

Concen: 76.93 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

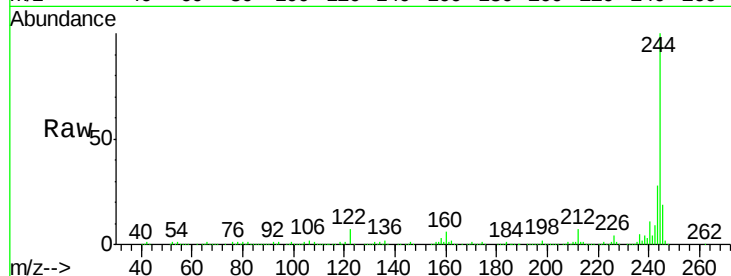
Tot Ion:244 Resp: 831231

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

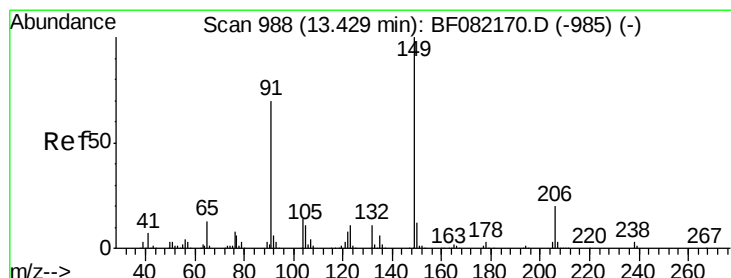
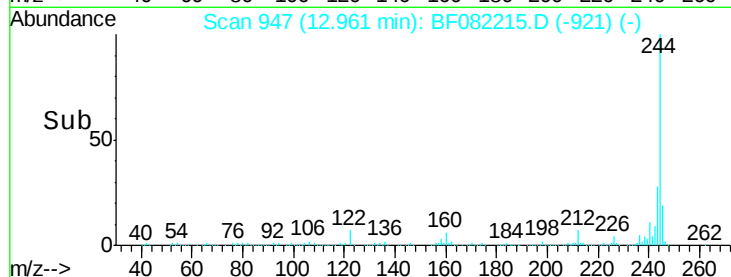
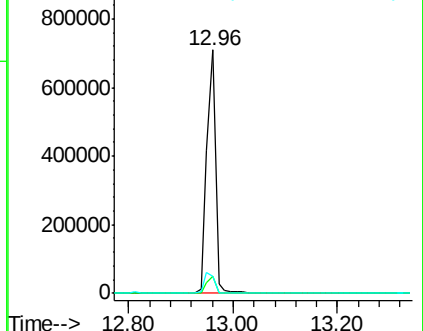
122 7.2 5.9 8.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 37.81 ng

RT: 13.43 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

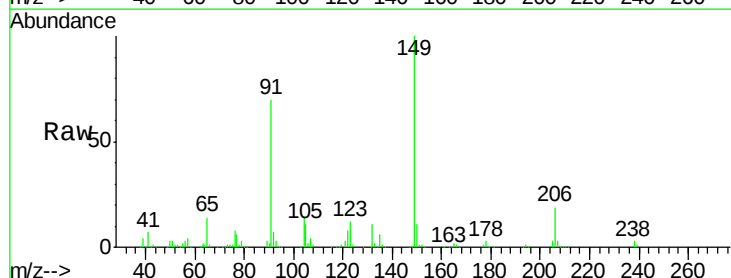
Tgt Ion:149 Resp: 293184

Ion Ratio Lower Upper

149 100

91 70.3 55.7 83.5

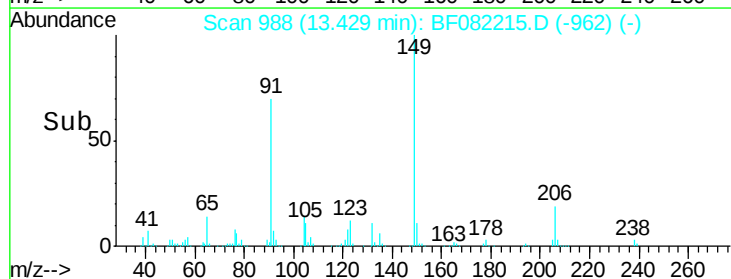
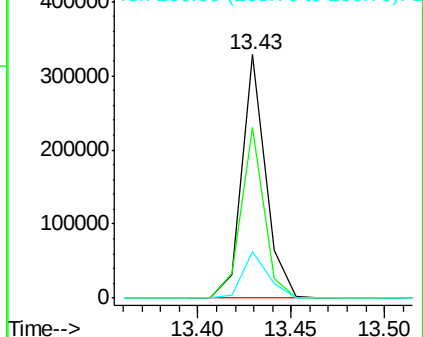
206 19.1 15.6 23.4

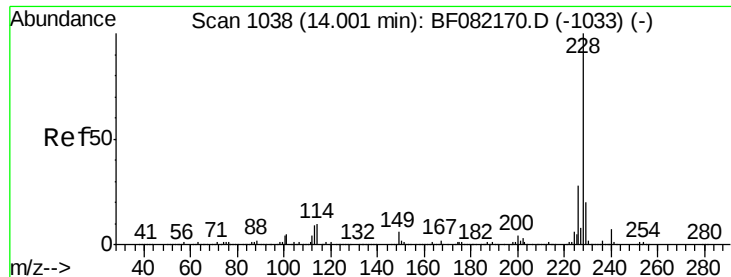


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

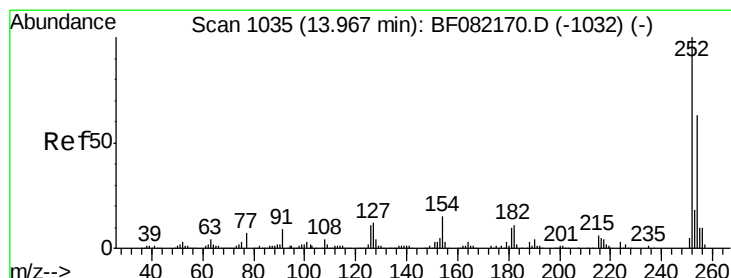
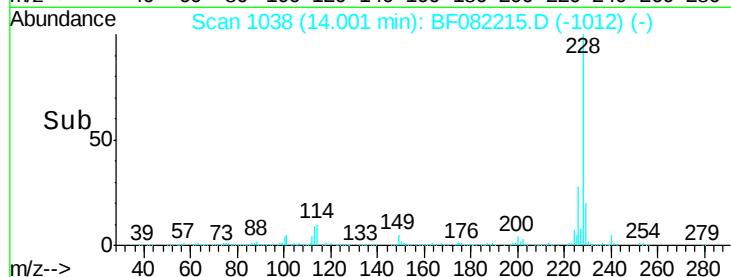
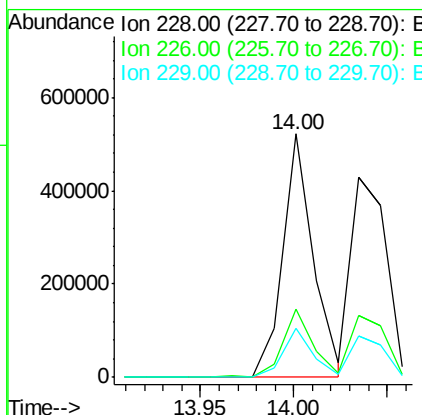
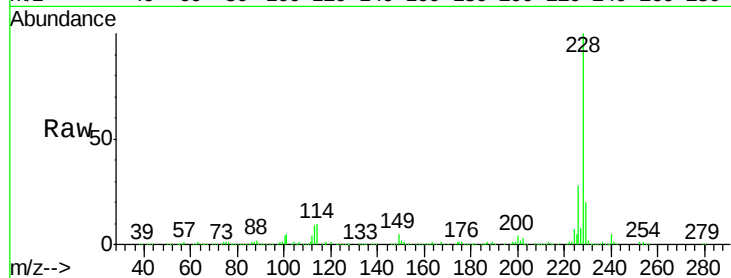




#80
Benzo(a)anthracene
Concen: 40.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

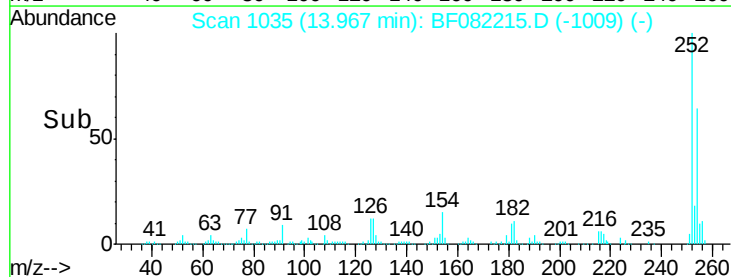
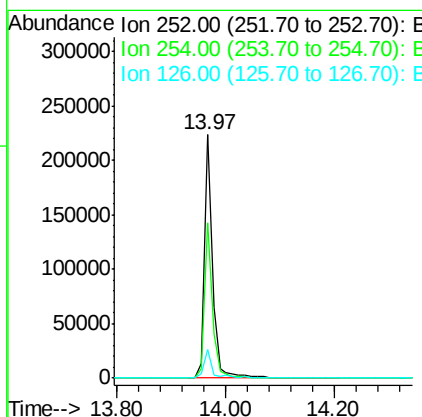
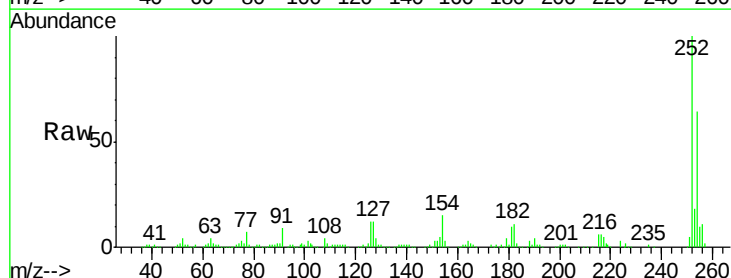
Instrument :
BNA_F
ClientSampleId :

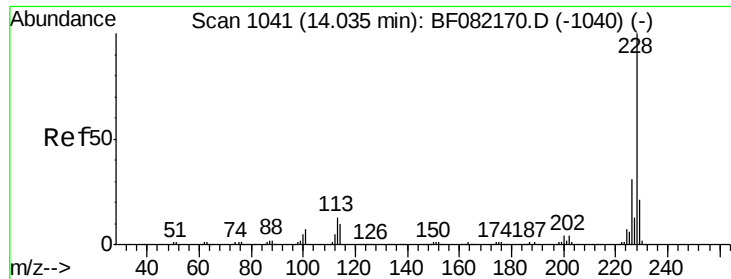
Tot Ion:228 Resp: 595922
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.1 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 40.66 ng
RT: 13.97 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:252 Resp: 229947
Ion Ratio Lower Upper
252 100
254 63.7 50.7 76.1
126 11.9 9.0 13.6

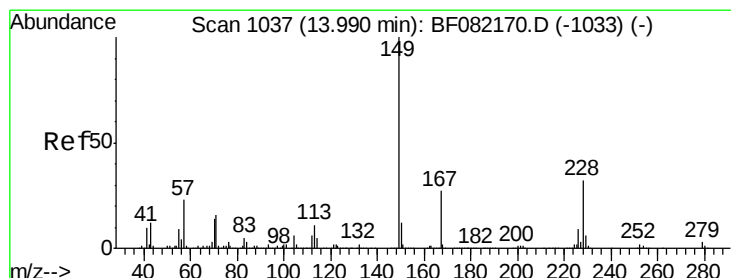
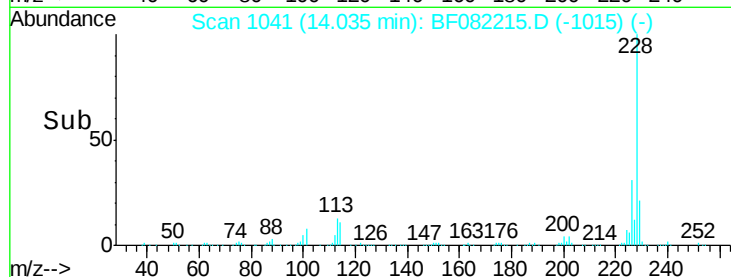
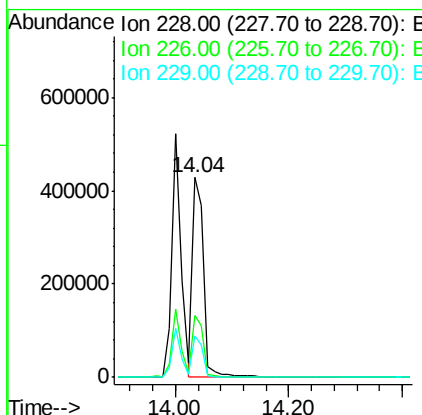
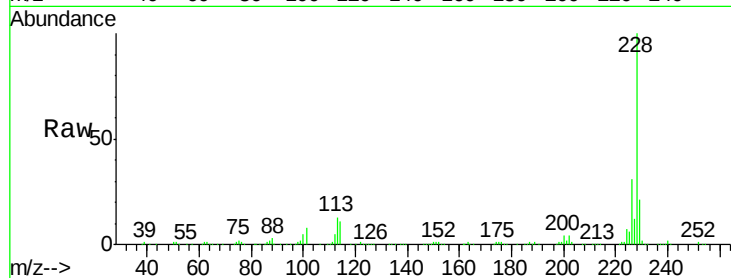




#82
Chrysene
Concen: 37.83 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

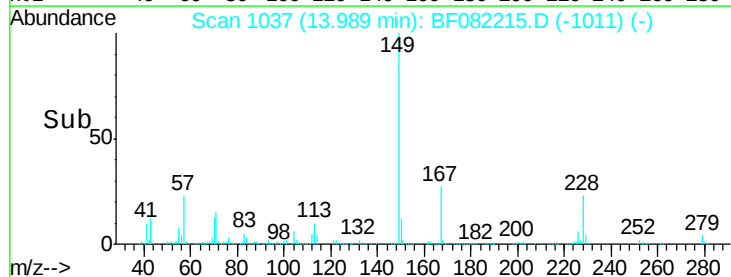
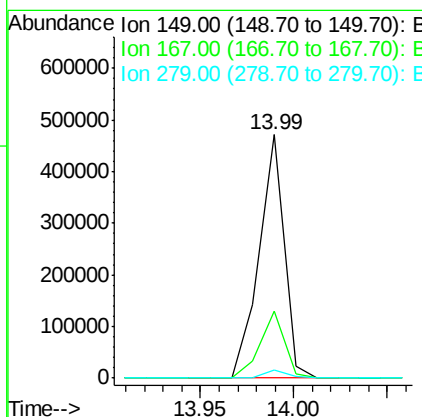
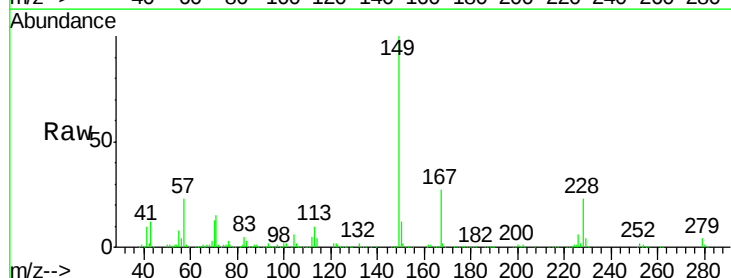
Instrument :
BNA_F
ClientSampleId :

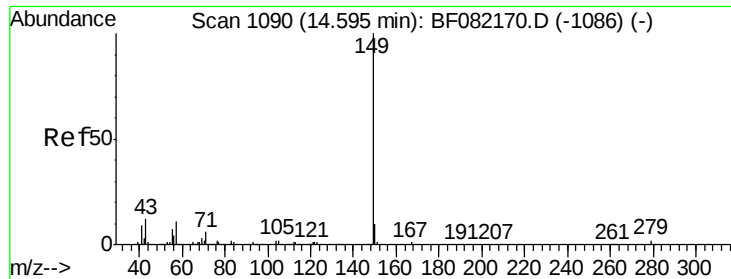
Tot Ion:228 Resp: 593900
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.7 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
Concen: 39.77 ng
RT: 13.99 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:149 Resp: 439991
Ion Ratio Lower Upper
149 100
167 27.4 21.3 31.9
279 3.6 2.6 4.0





#84

Di-n-octyl phthalate

Concen: 38.71 ng

RT: 14.61 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

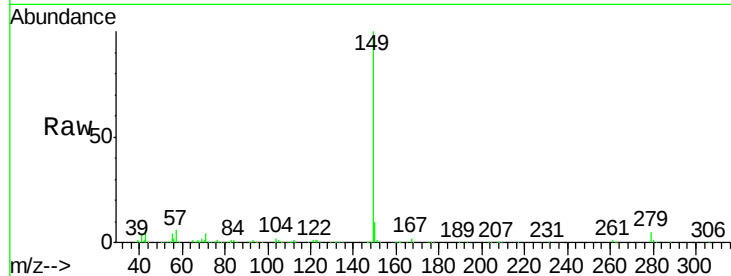
Tot Ion:149 Resp: 73521

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

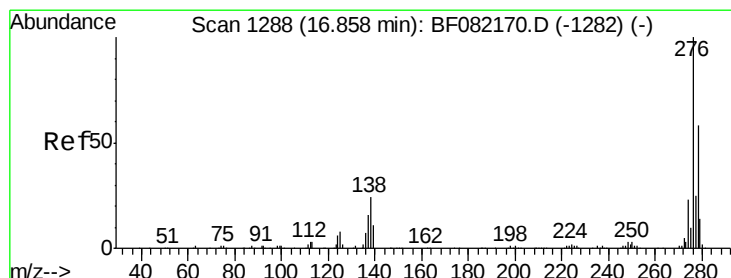
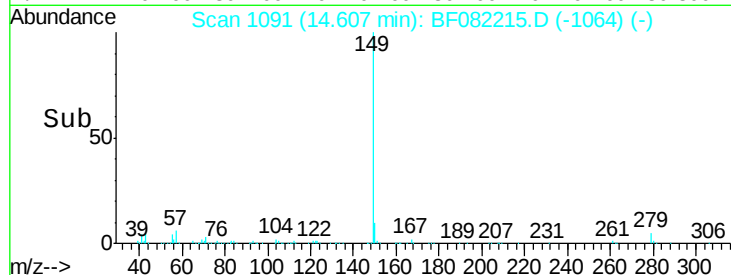
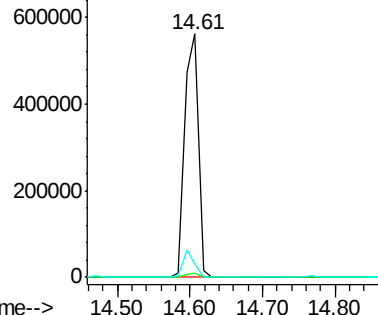
43 9.1 7.4 11.2



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: 41.06 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

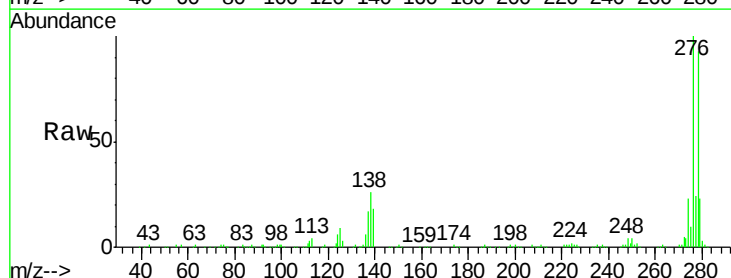
Tgt Ion:276 Resp: 512236

Ion Ratio Lower Upper

276 100

138 24.9 19.7 29.5

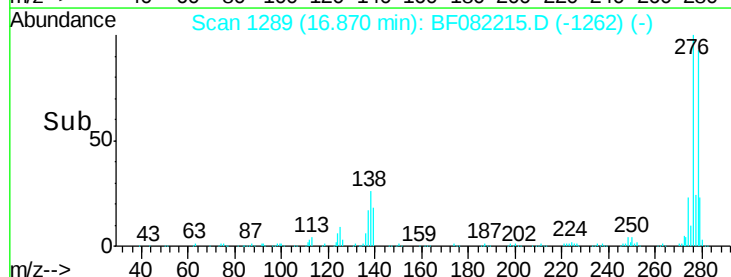
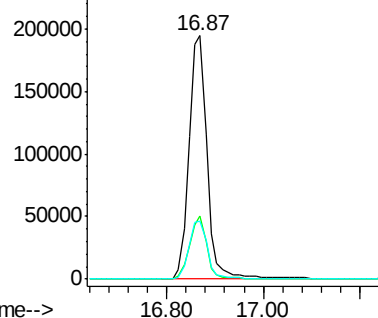
277 24.7 20.1 30.1

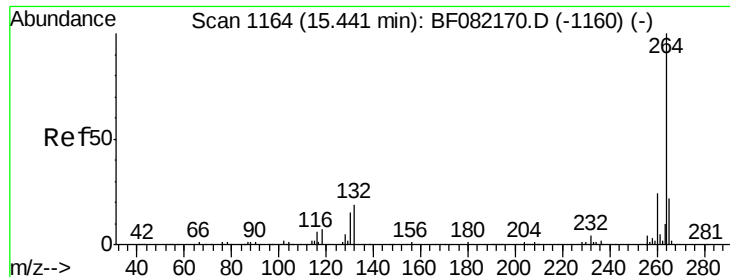


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

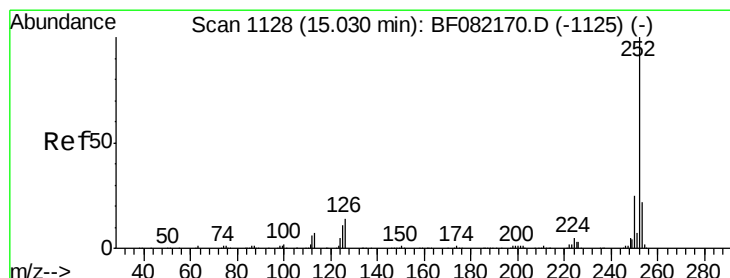
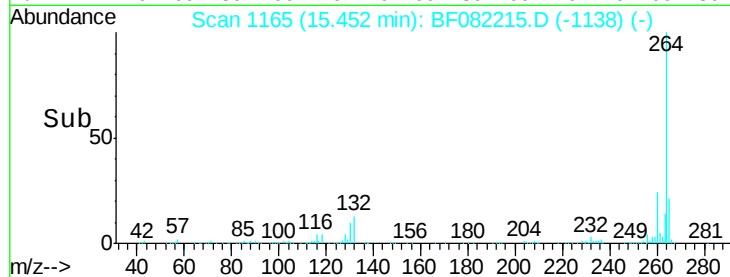
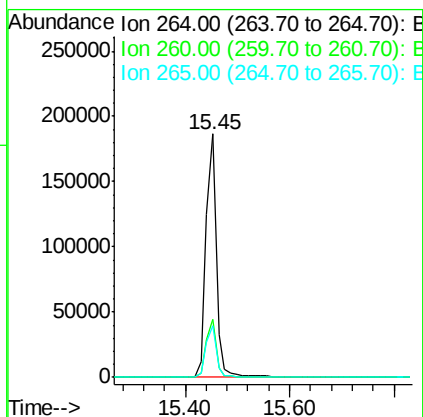
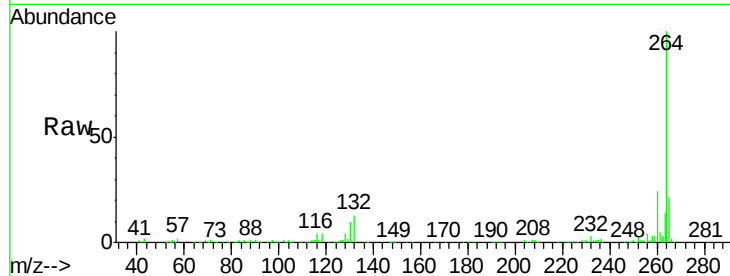




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

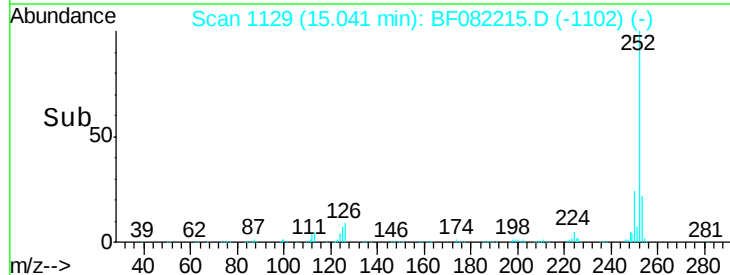
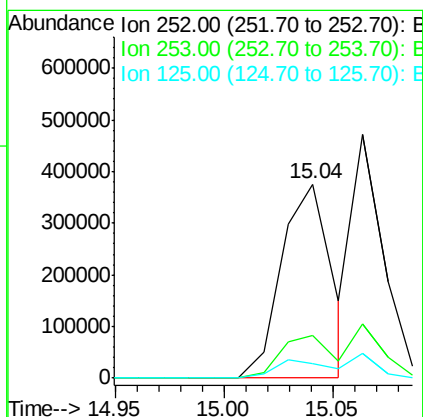
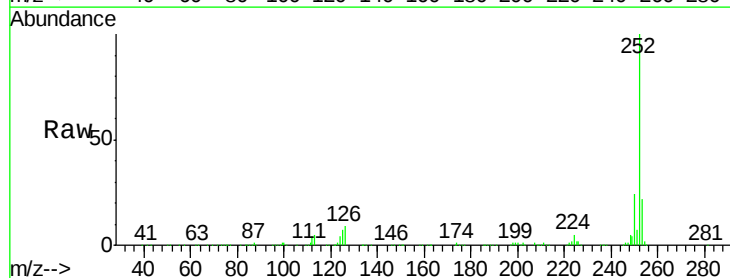
Instrument :
BNA_F
ClientSampleId :

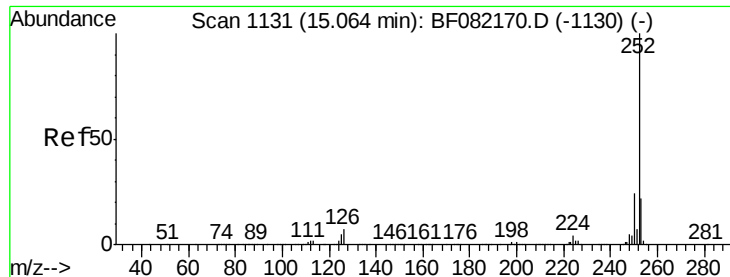
Tot Ion:264 Resp: 260356
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.2 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 37.96 ng
RT: 15.04 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:252 Resp: 601275
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 7.2 8.6 12.8#

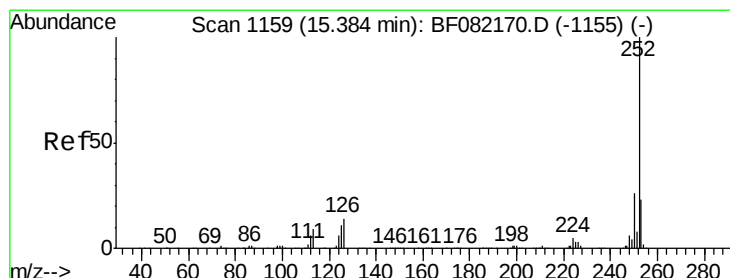
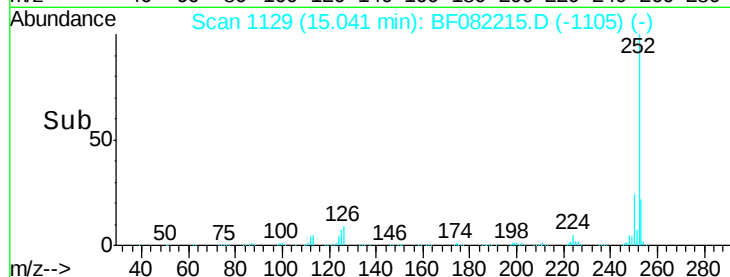
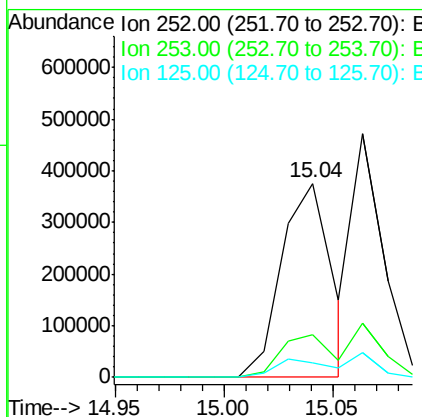
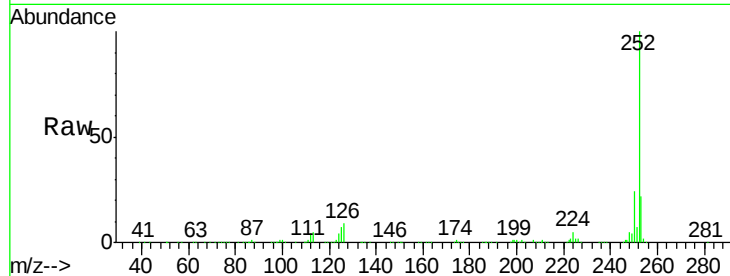




#88
Benzo(k)fluoranthene
Concen: 45.16 ng
RT: 15.04 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

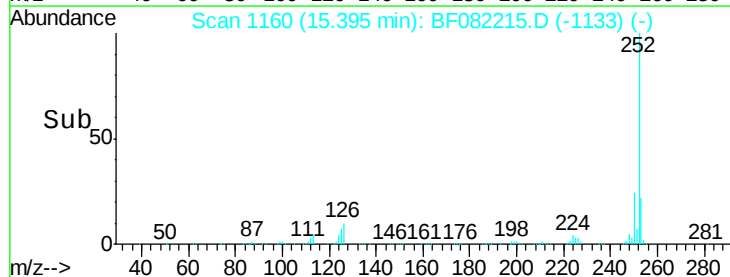
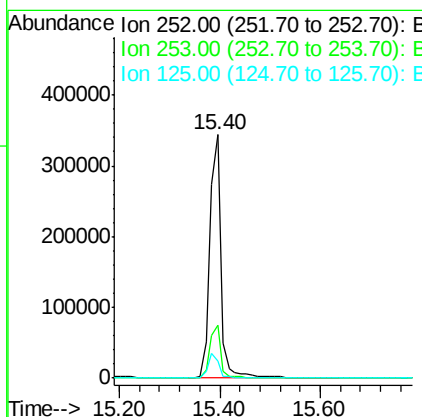
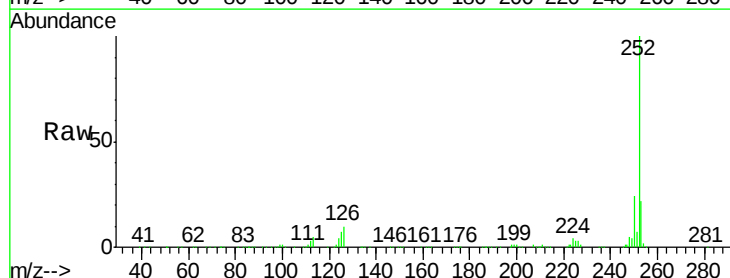
Instrument :
BNA_F
ClientSampleId :

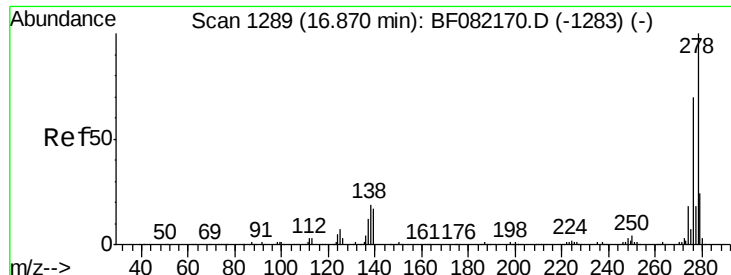
Tot Ion:252 Resp: 601275
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.2 6.7 10.1



#89
Benzo(a)pyrene
Concen: 38.31 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion:252 Resp: 521482
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 7.1 8.9 13.3#

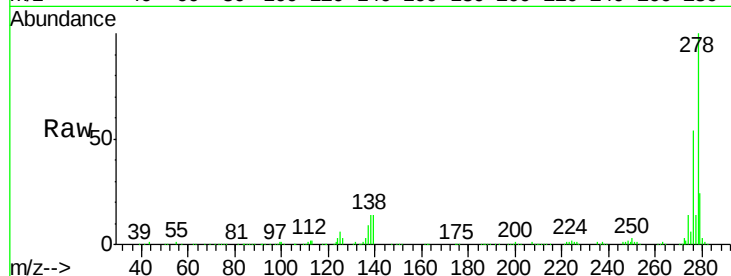




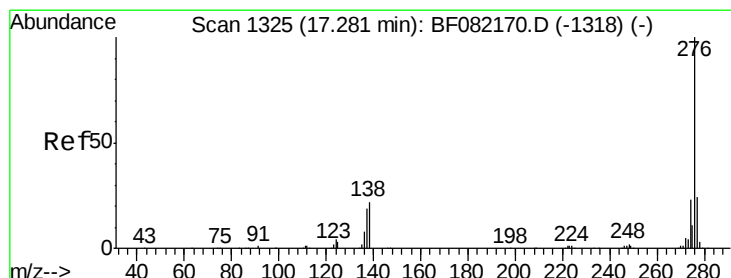
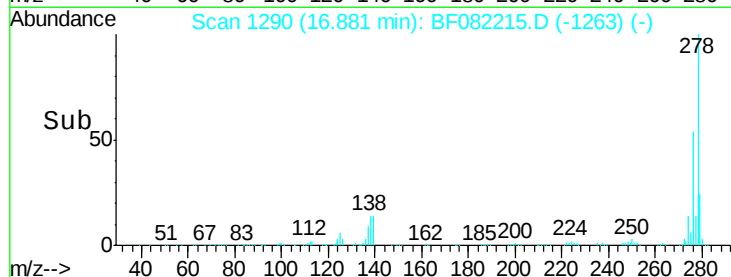
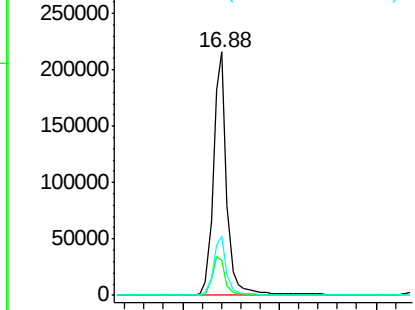
#90
 Dibenzo(a,h)anthracene
 Concen: 38.23 ng
 RT: 16.88 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:278 Resp: 426444
 Ion Ratio Lower Upper
 278 100
 139 14.1 13.3 19.9
 279 24.1 18.9 28.3

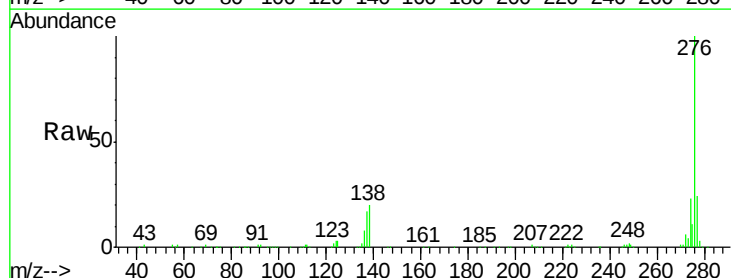


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#91
 Benzo(g,h,i)perylene
 Concen: 36.75 ng
 RT: 17.29 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion:276 Resp: 398309
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.8 28.2
 138 19.9 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

