

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082358.D
 Acq On : 19 Oct 2015 16:28
 Operator : UM/IZ
 Sample : PB86165BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Quant Time: Oct 20 02:03:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103570	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	411353	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	212851	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	399897	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	348320	20.00	ng	-0.03
86) Perylene-d12	15.60	264	294221	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	595466	116.04	ng	0.01
7) Phenol-d6	6.45	99	765015	114.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	486637	79.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	210702	105.55	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1065537	83.02	ng	0.00
78) Terphenyl-d14	12.94	244	981000	74.63	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	77669	30.12	ng	94
3) Pyridine	3.14	79	228543	38.11	ng	98
4) n-Nitrosodimethylamine	3.11	42	92832	36.50	ng	99
6) Aniline	6.47	93	187819	21.81	ng	# 81
8) 2-Chlorophenol	6.58	128	227673	36.34	ng	# 78
9) Benzaldehyde	6.34	77	98953	29.02	ng	89
10) Phenol	6.46	94	261779	34.00	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	231905	35.62	ng	95
12) 1,3-Dichlorobenzene	6.97	146	258304	35.41	ng	100
13) 1,4-Dichlorobenzene	6.82	146	273976	35.96	ng	96
14) 1,2-Dichlorobenzene	6.97	146	267032	36.91	ng	95
15) Benzyl Alcohol	6.95	79	184807	40.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	327138	36.08	ng	98
17) 2-Methylphenol	7.07	107	189809	38.31	ng	97
18) Hexachloroethane	7.31	117	98228	37.67	ng	# 87
19) n-Nitroso-di-n-propylamine	7.22	70	160892	34.31	ng	# 88
20) 3+4-Methylphenols	7.22	107	232098	39.32	ng	97
22) Acetophenone	7.22	105	322190	39.59	ng	# 95
24) Nitrobenzene	7.39	77	247735	37.36	ng	94
25) Isophorone	7.63	82	461335	37.32	ng	98
26) 2-Nitrophenol	7.71	139	134522	40.63	ng	96
27) 2,4-Dimethylphenol	7.76	122	213234	39.98	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	285343	39.67	ng	99
29) 2,4-Dichlorophenol	7.95	162	218603	41.00	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	233499	37.99	ng	99
31) Naphthalene	8.11	128	692444	38.83	ng	100
32) Benzoic acid	7.89	122	116699	32.60	ng	98
33) 4-Chloroaniline	8.17	127	112969	15.25	ng	97
34) Hexachlorobutadiene	8.23	225	140714	36.74	ng	97
35) Caprolactam	8.55	113	46142	29.82	ng	# 80
36) 4-Chloro-3-methylphenol	8.66	107	220958	42.38	ng	97
37) 2-Methylnaphthalene	8.81	142	501271	40.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	224822	35.51	ng	98
40) Hexachlorocyclopentadiene	8.96	237	198818	63.92	ng	99

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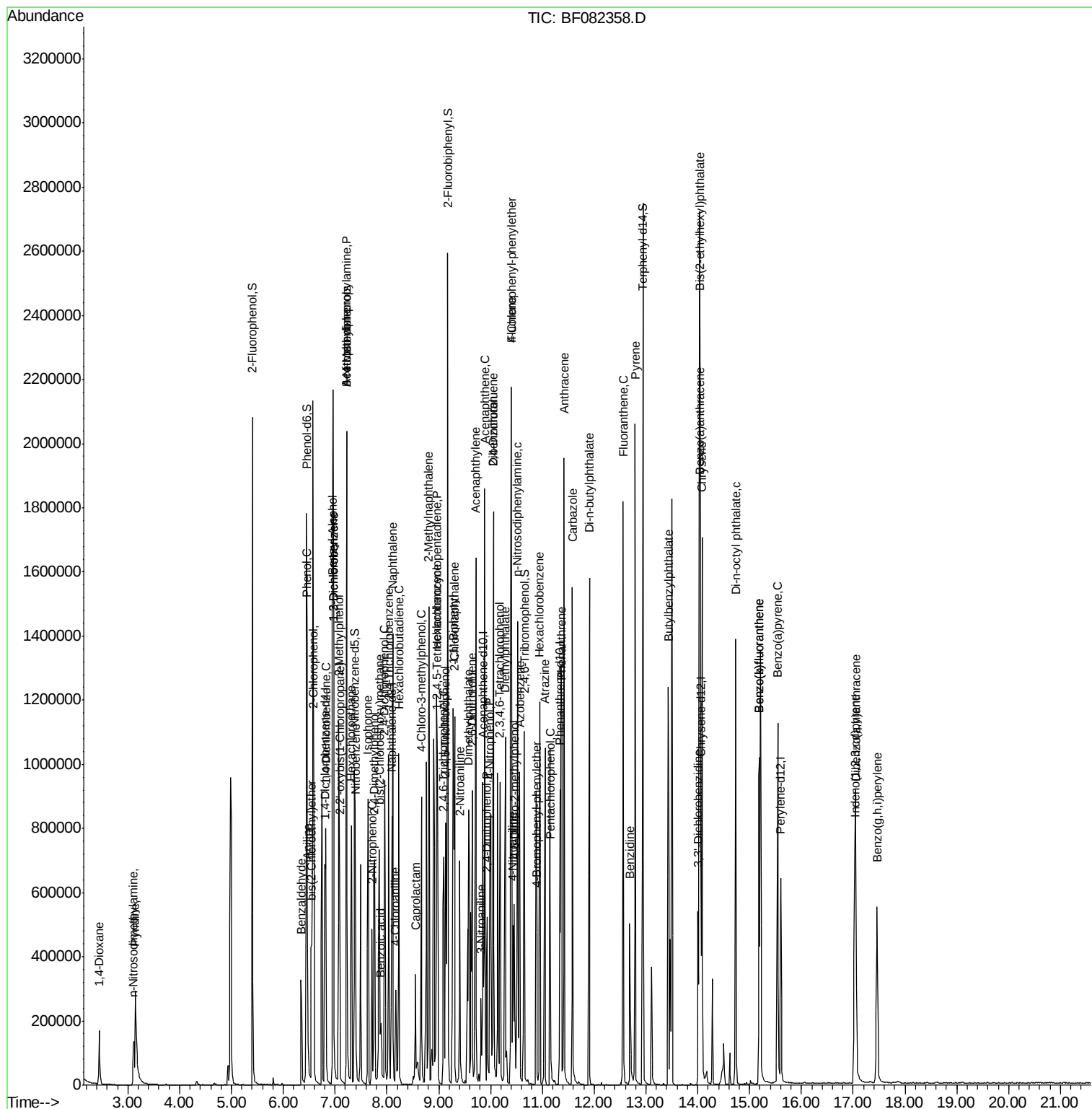
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42) 2,4,6-Trichlorophenol	9.10	196	152360	36.23	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	165663	36.37	nq	# 88
45) 1,1'-Biphenyl	9.28	154	589719	36.33	nq	95
46) 2-Chloronaphthalene	9.30	162	482709	37.78	nq	99
47) 2-Nitroaniline	9.41	65	146439	41.75	nq	# 75
48) Acenaphthylene	9.71	152	735541	36.95	nq	100
49) Dimethylphthalate	9.58	163	549678	36.67	nq	100
50) 2,6-Dinitrotoluene	9.65	165	115671	36.57	nq	# 77
51) Acenaphthene	9.89	154	434641	36.37	nq	98
52) 3-Nitroaniline	9.82	138	66946	18.74	nq	98
53) 2,4-Dinitrophenol	9.93	184	123360	70.62	nq	# 87
54) Dibenzofuran	10.06	168	620691	37.83	nq	97
55) 4-Nitrophenol	9.99	139	143576	63.44	nq	# 84
56) 2,4-Dinitrotoluene	10.06	165	166784	42.19	nq	92
57) Fluorene	10.40	166	492854	36.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	146151	39.27	nq	96
59) Diethylphthalate	10.29	149	572025	40.94	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	243899	39.52	nq	# 79
61) 4-Nitroaniline	10.43	138	119993	34.63	nq	96
62) Azobenzene	10.56	77	550352	40.25	nq	86
64) 4,6-Dinitro-2-methylphenol	10.46	198	83221	37.08	nq	# 57
65) n-Nitrosodiphenylamine	10.51	169	458944	38.33	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	149790	37.43	nq	# 81
67) Hexachlorobenzene	10.95	284	165704	38.28	nq	# 81
68) Atrazine	11.05	200	173377	45.71	nq	98
69) Pentachlorophenol	11.15	266	162922	73.15	nq	98
70) Phenanthrene	11.37	178	792460	40.43	nq	99
71) Anthracene	11.42	178	807257	39.97	nq	99
72) Carbazole	11.58	167	704200	38.22	nq	99
73) Di-n-butylphthalate	11.91	149	944787	41.56	nq	99
74) Fluoranthene	12.56	202	879353	41.77	nq	99
76) Benzidine	12.69	184	307732	30.49	nq	98
77) Pyrene	12.79	202	849443	41.09	nq	100
79) Butylbenzylphthalate	13.43	149	373385	39.58	nq	91
80) Benzo(a)anthracene	14.05	228	698571	38.55	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	161277	23.44	nq	97
82) Chrysene	14.08	228	687219	35.99	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	538273	39.99	nq	99
84) Di-n-octyl phthalate	14.73	149	937554	40.56	nq	100
85) Indeno(1,2,3-cd)pyrene	17.03	276	591944	39.00	nq	98
87) Benzo(b)fluoranthene	15.19	252	702346	39.24	nq	# 97
88) Benzo(k)fluoranthene	15.19	252	702346	46.68	nq	99
89) Benzo(a)pyrene	15.54	252	607462	39.49	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	489149	38.80	nq	98
91) Benzo(g,h,i)perylene	17.46	276	477985	39.03	nq	99

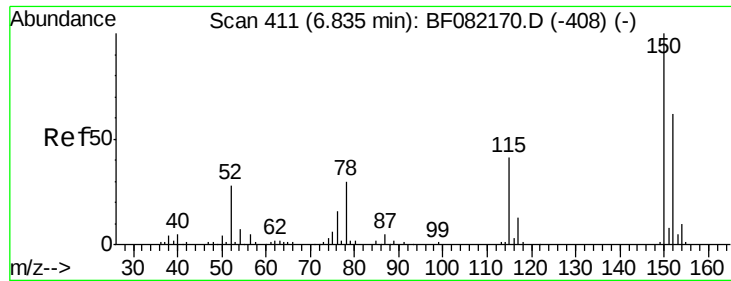
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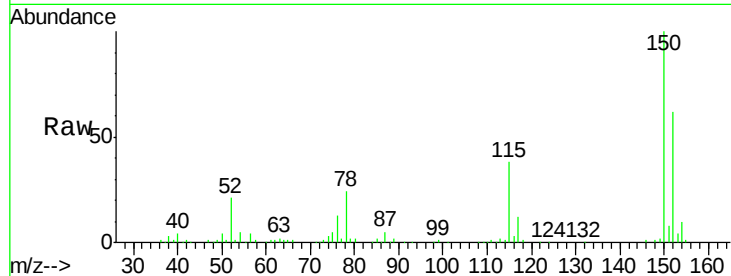


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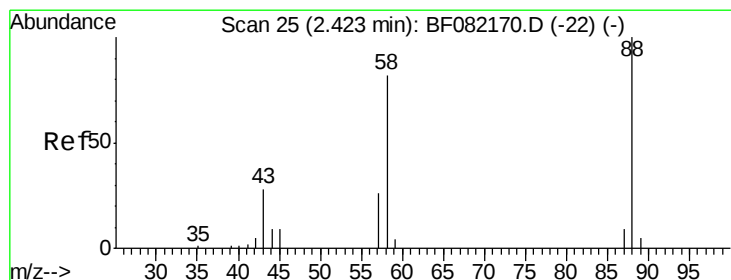
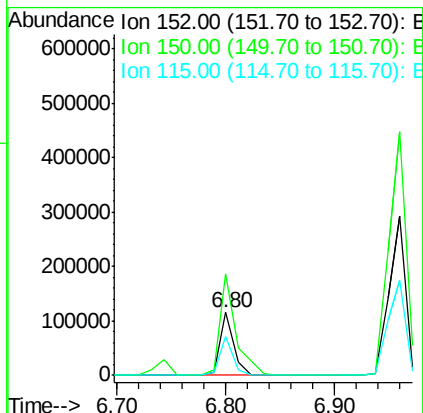
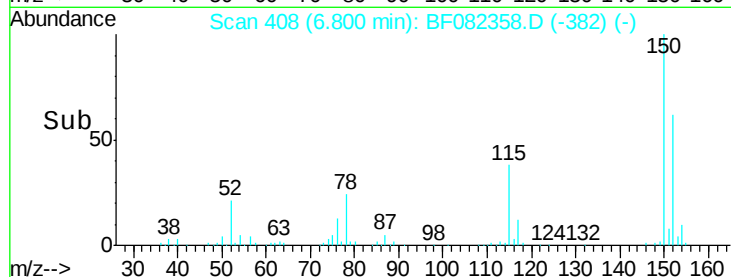
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion:152 Resp: 103570
Ion Ratio Lower Upper
152 100
150 161.1 129.0 193.4
115 61.0 52.1 78.1



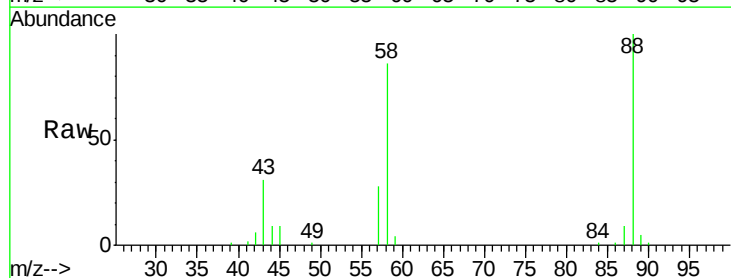
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



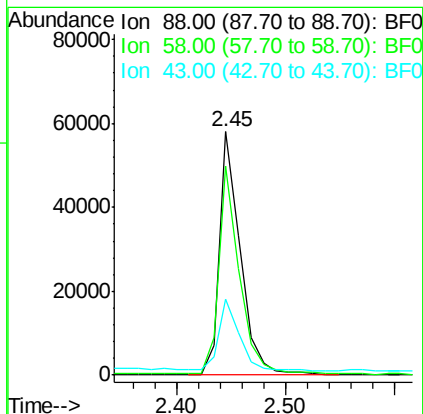
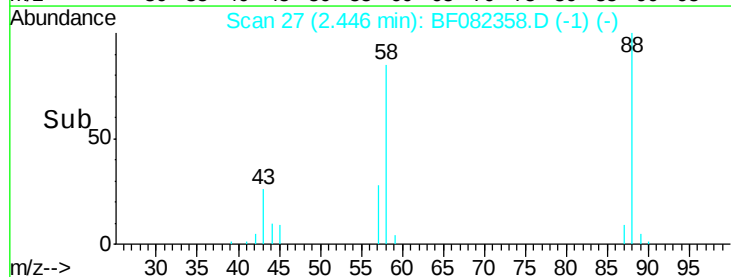
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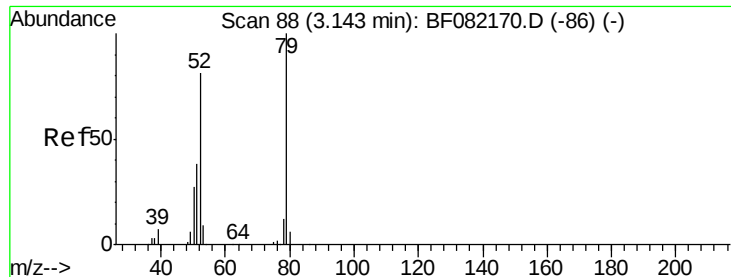
1,4-Dioxane
Concen: 30.12 ng
RT: 2.45 min Scan# 27
Delta R.T. 0.10 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion: 88 Resp: 77669
Ion Ratio Lower Upper
88 100
58 88.5 66.2 99.4
43 30.5 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: 38.11 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.09 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

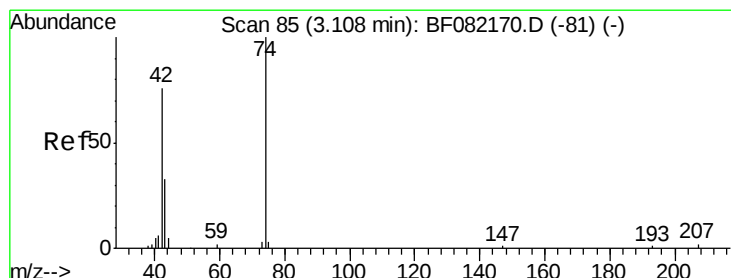
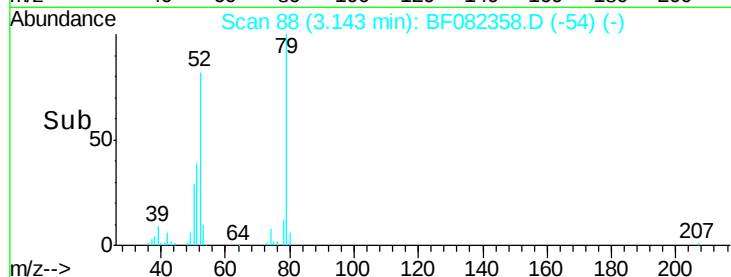
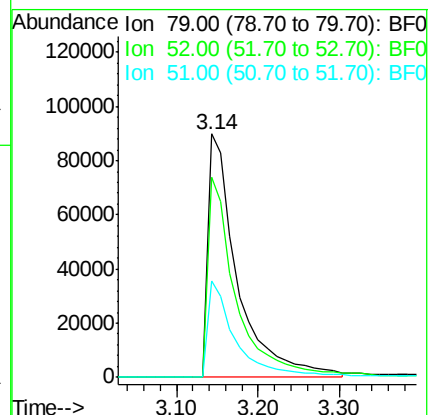
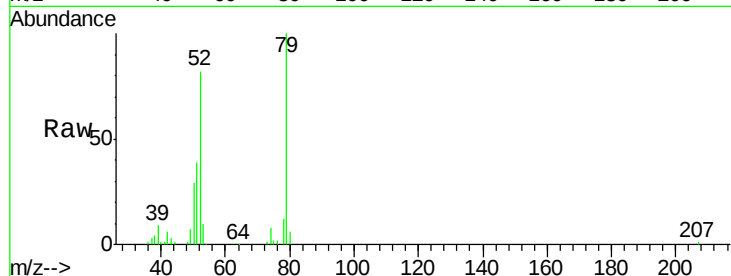
Tot Ion: 79 Resp: 228543

Ion Ratio Lower Upper

79 100

52 82.0 64.4 96.6

51 39.4 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 36.50 ng

RT: 3.11 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

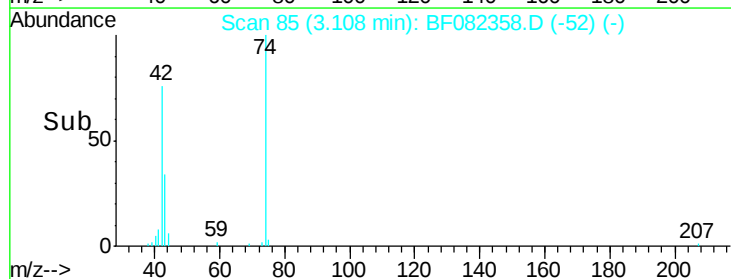
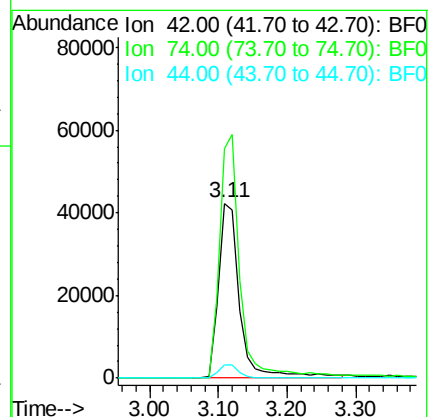
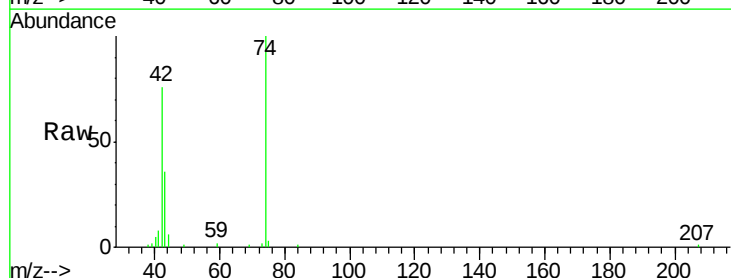
Tgt Ion: 42 Resp: 92832

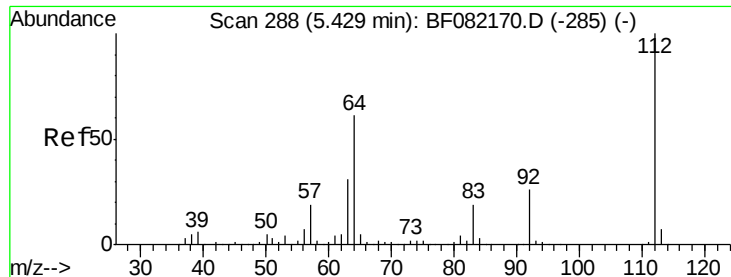
Ion Ratio Lower Upper

42 100

74 131.3 105.7 158.5

44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 116.04 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

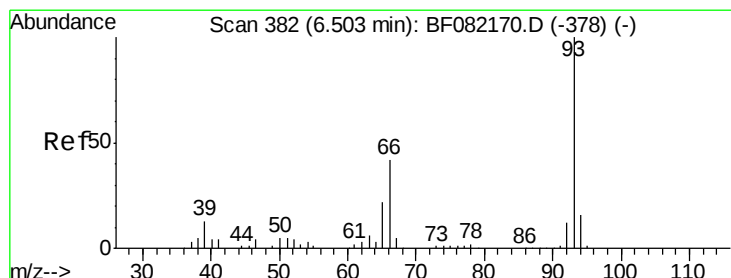
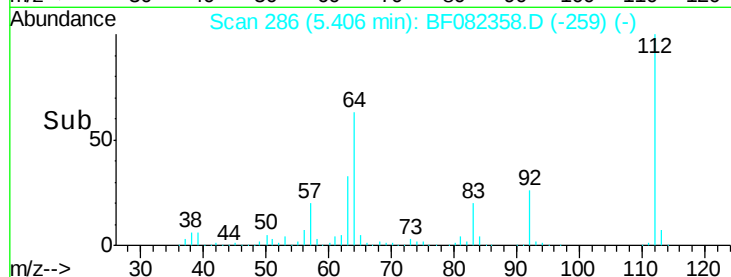
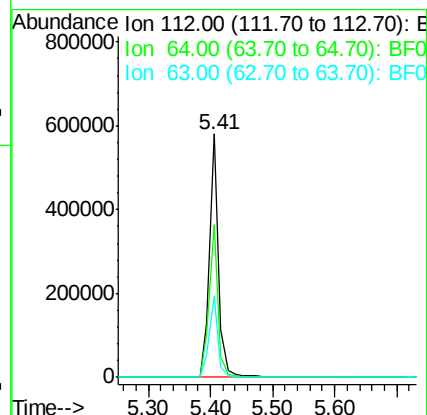
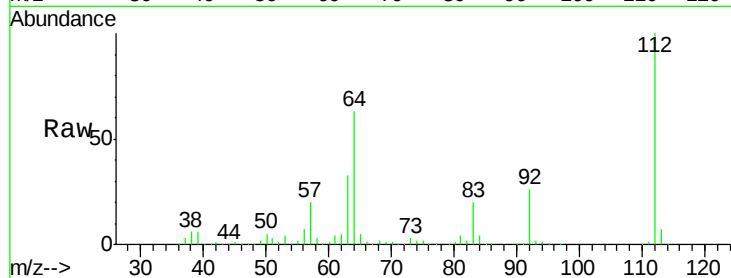
Instrument :

BNA_F

ClientSampleId :

PB86165BS

Tot Ion:	112	Resp:	595466
Ion	Ratio	Lower	Upper
112	100		
64	62.7	48.6	73.0
63	33.5	25.1	37.7



#6

Aniline

Concen: 21.81 ng

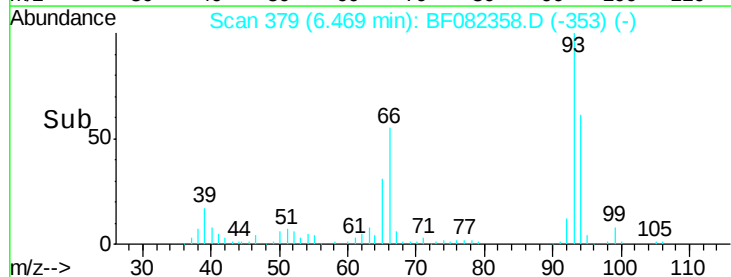
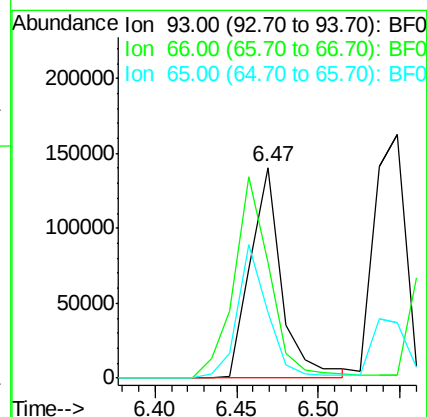
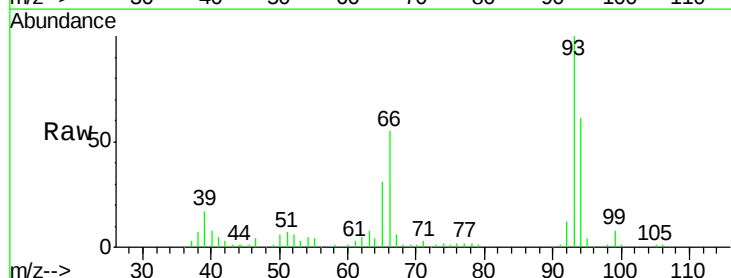
RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:	93	Resp:	187819
Ion	Ratio	Lower	Upper
93	100		
66	54.7	34.2	51.2#
65	31.2	17.9	26.9#





#7

Phenol-d6

Concen: 114.56 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

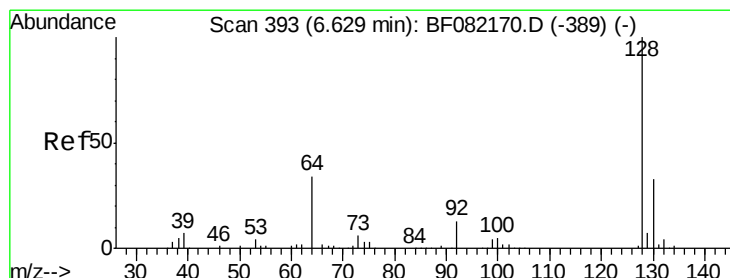
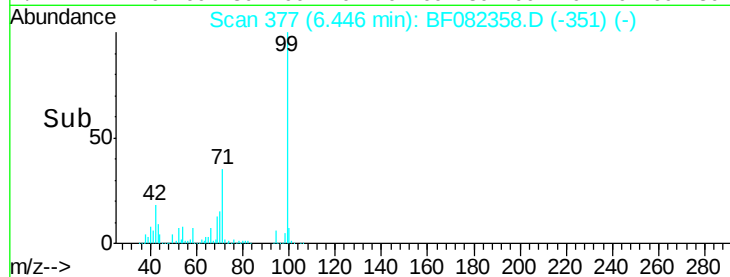
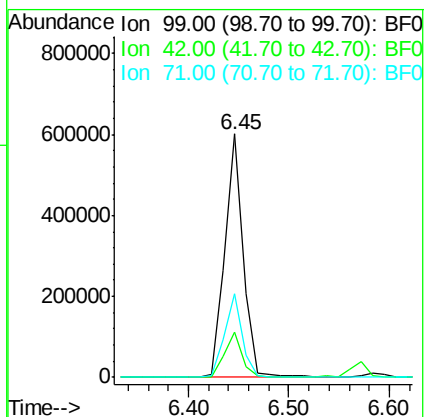
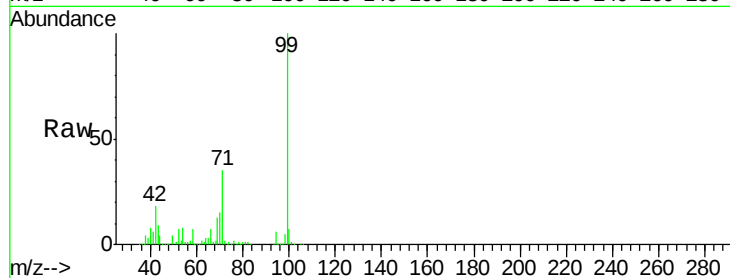
Tot Ion: 99 Resp: 765015

Ion Ratio Lower Upper

99 100

42 18.4 13.2 19.8

71 34.5 25.6 38.4



#8

2-Chlorophenol

Concen: 36.34 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

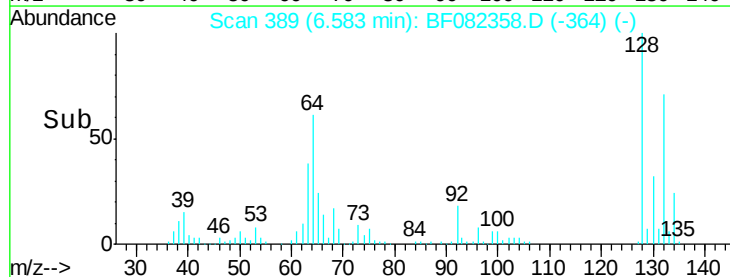
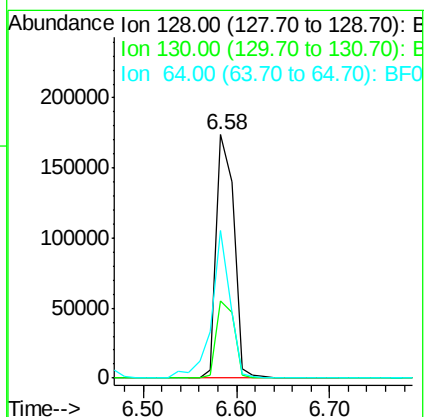
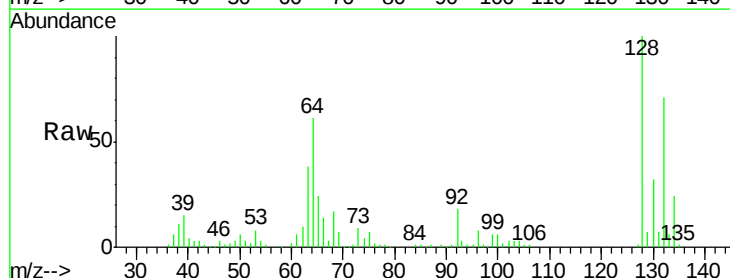
Tgt Ion: 128 Resp: 227673

Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

64 60.8 16.7 56.7#

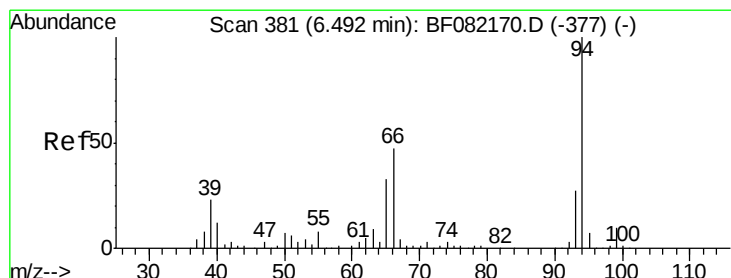
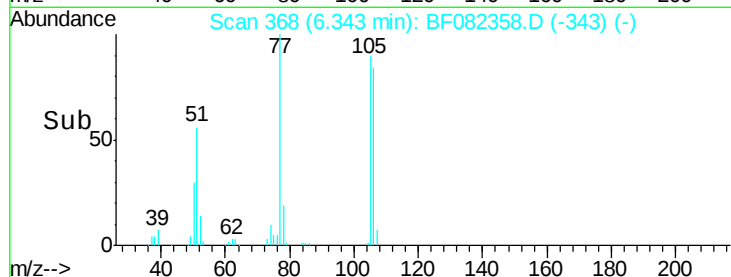
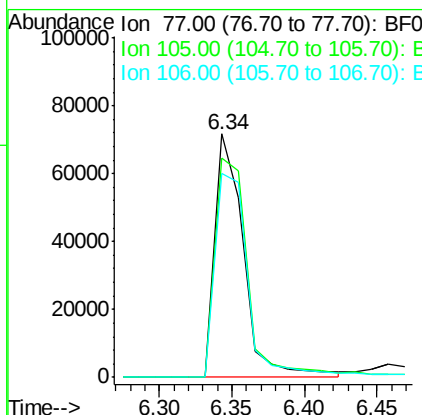
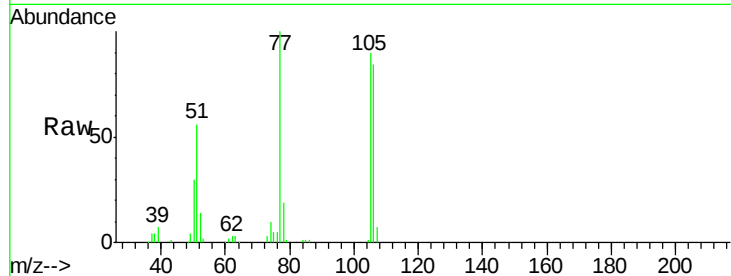




#9
Benzaldehyde
Concen: 29.02 ng
RT: 6.34 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

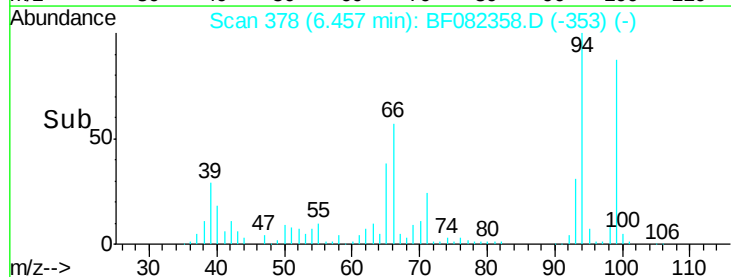
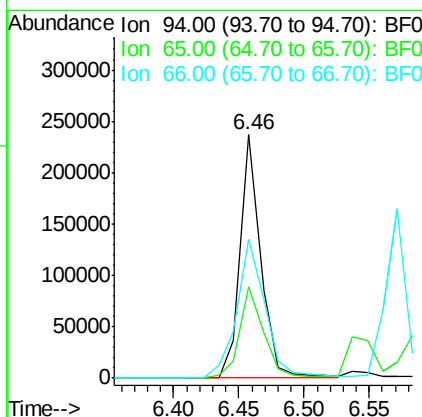
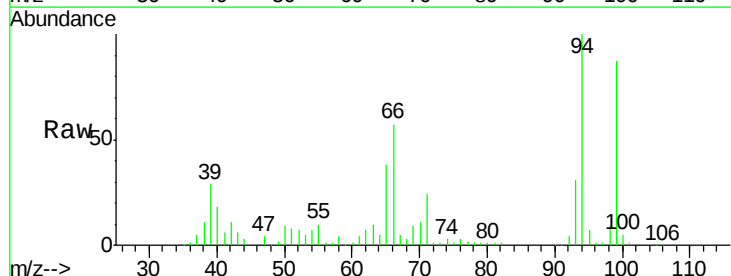
Instrument :
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ClientSampleID :
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Tot Ion: 77 Resp: 98953
Ion Ratio Lower Upper
77 100
105 90.0 80.6 120.6
106 83.6 75.5 115.5



#10
Phenol
Concen: 34.00 ng
RT: 6.46 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion: 94 Resp: 261779
Ion Ratio Lower Upper
94 100
65 37.6 12.6 52.6
66 56.7 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 35.62 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

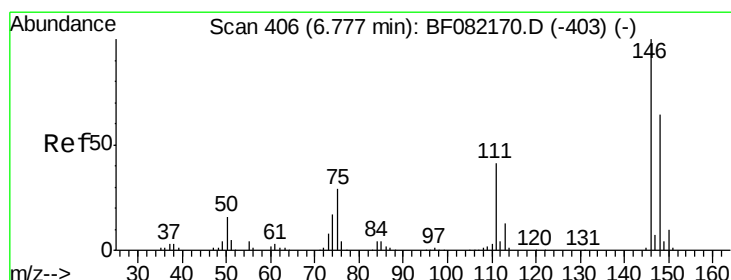
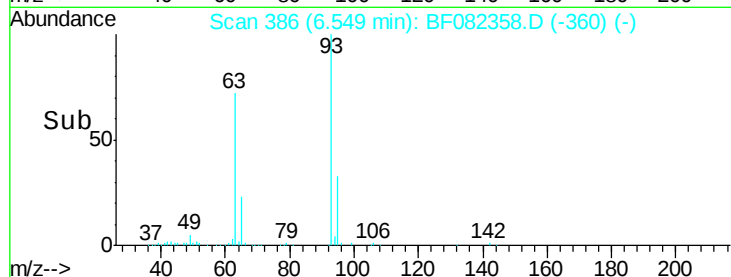
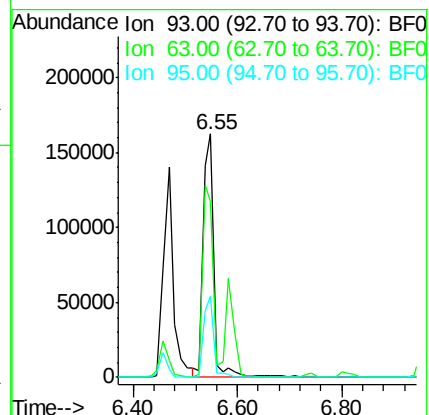
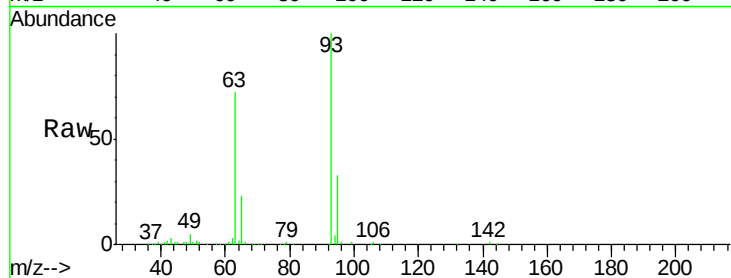
Tot Ion: 93 Resp: 231905

Ion Ratio Lower Upper

93 100

63 72.1 57.1 97.1

95 33.4 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 35.41 ng

RT: 6.97 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

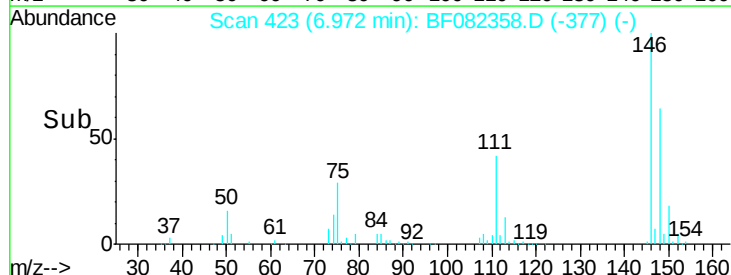
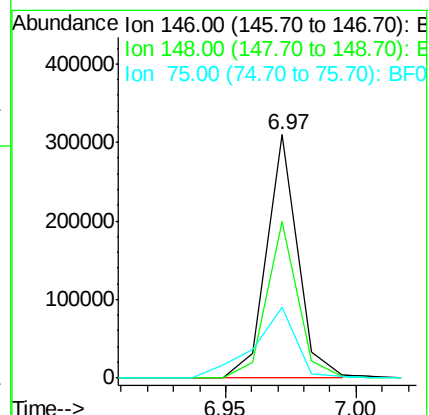
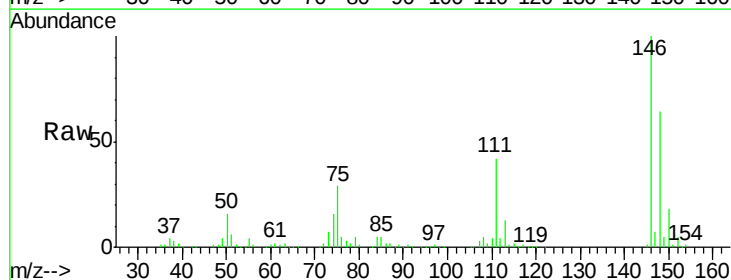
Tgt Ion: 146 Resp: 258304

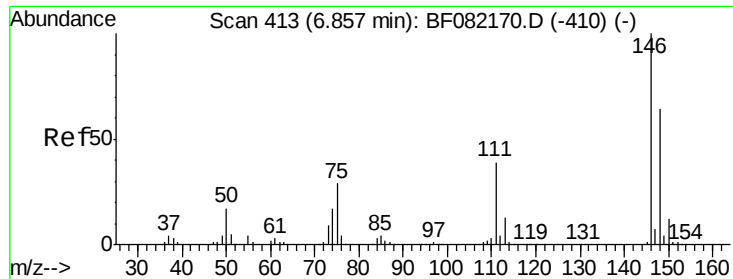
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

75 29.1 23.0 34.6

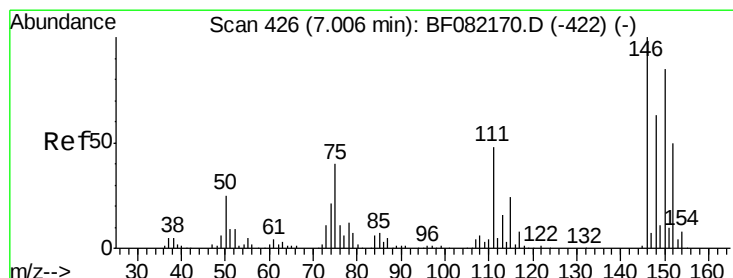
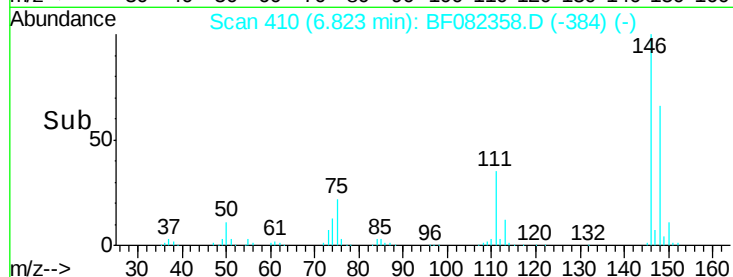
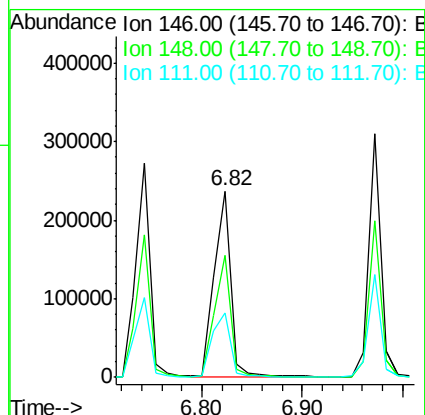
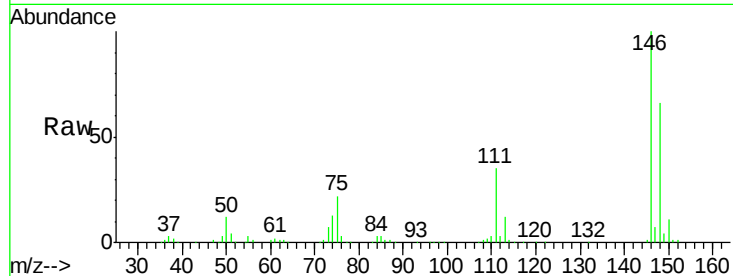




#13
 1,4-Dichlorobenzene
 Concen: 35.96 ng
 RT: 6.82 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

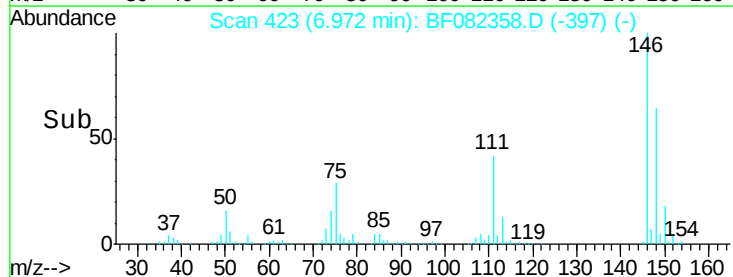
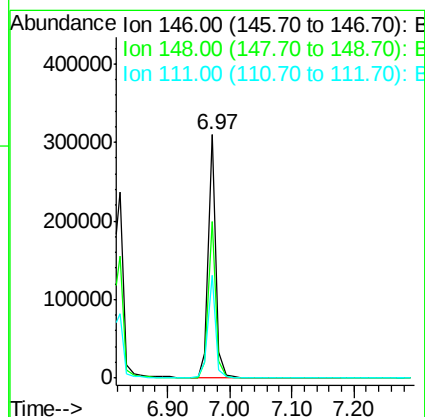
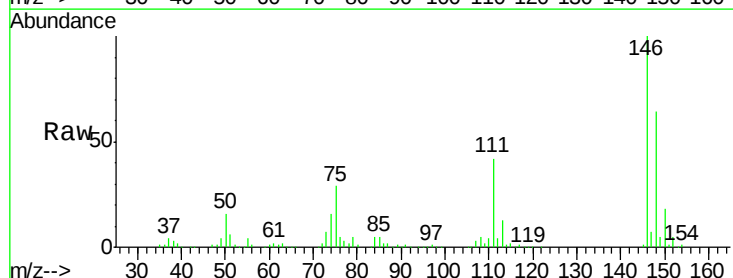
Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

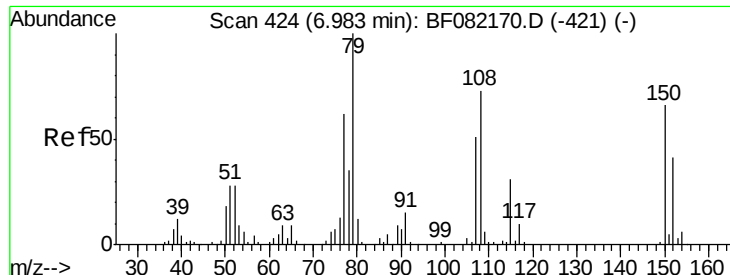
Tot Ion:146 Resp: 273976
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.0 76.4
 111 34.5 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 36.91 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion:146 Resp: 267032
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.5 75.7
 111 42.0 38.5 57.7

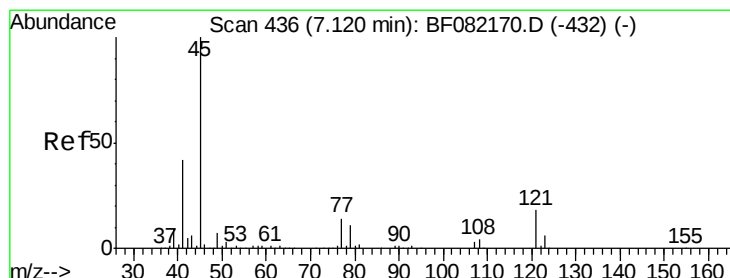
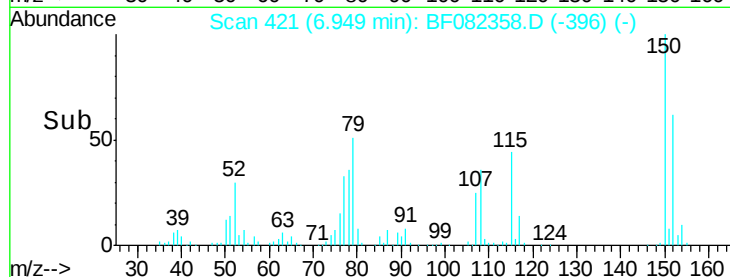
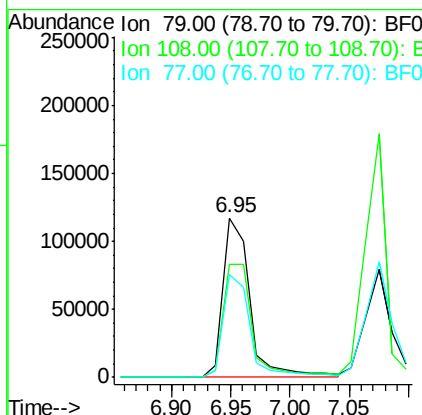
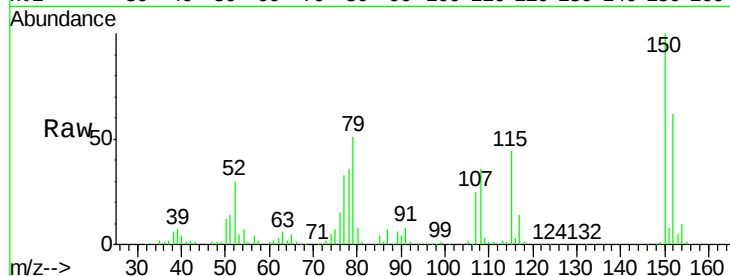




#15
Benzyl Alcohol
Concen: 40.09 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

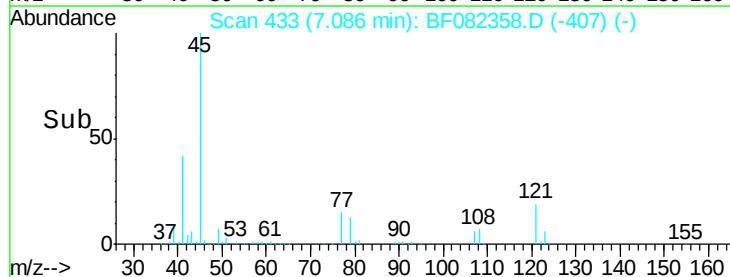
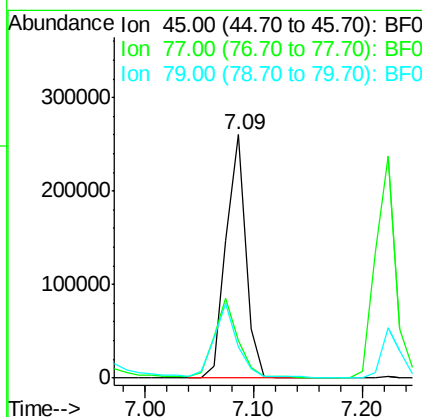
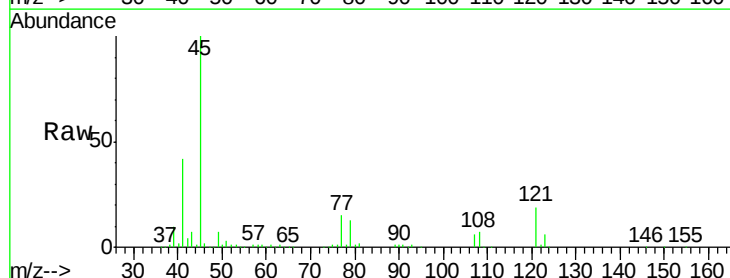
Instrument :
BNA_F
ClientSampleID :
PB86165BS

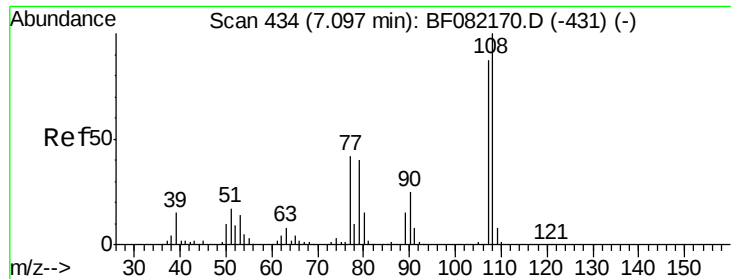
Tot Ion: 79 Resp: 184807
Ion Ratio Lower Upper
79 100
108 71.0 58.4 87.6
77 64.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.08 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion: 45 Resp: 327138
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.5
79 12.9 0.0 31.6





#17

2-Methylphenol

Concen: 38.31 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

Tot Ion:107 Resp: 189809

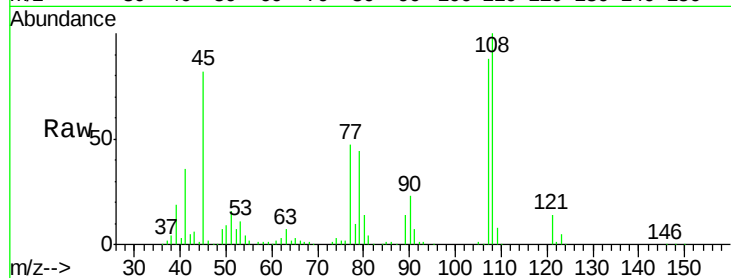
Ion Ratio Lower Upper

107 100

108 114.2 92.2 138.2

77 54.2 39.6 59.4

79 50.5 38.2 57.4

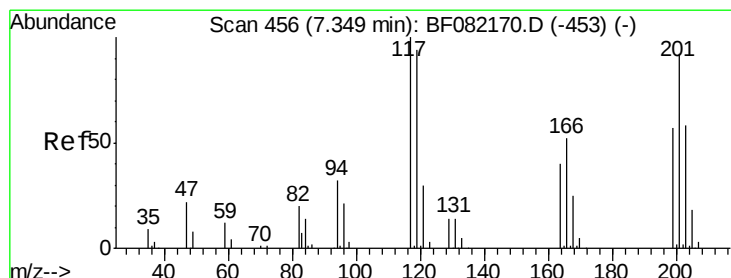
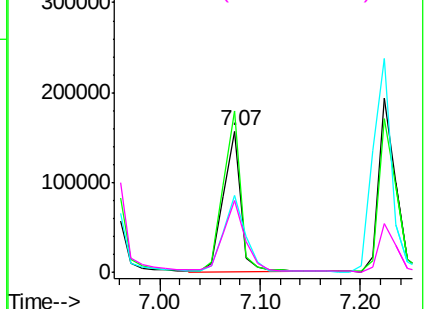
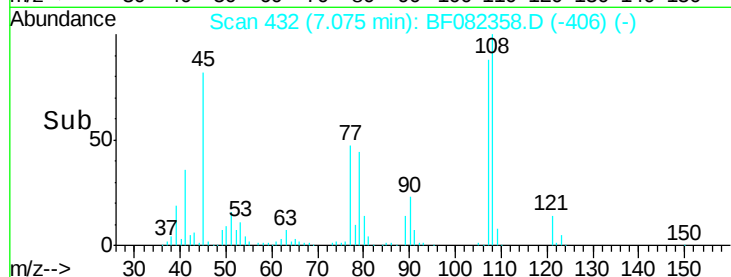


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.67 ng

RT: 7.31 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

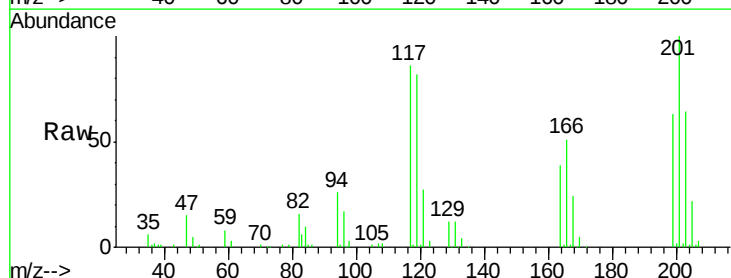
Tgt Ion:117 Resp: 98228

Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.2

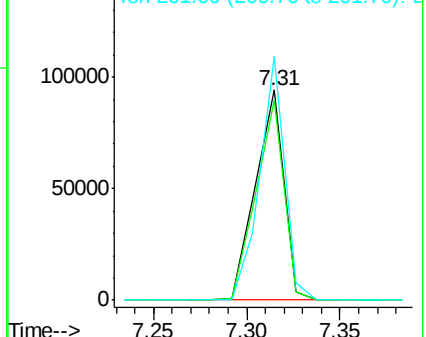
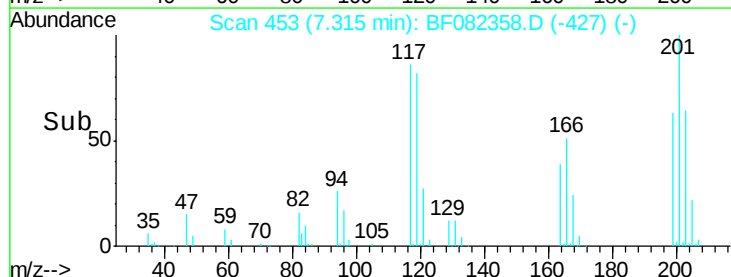
201 115.9 73.4 110.0#

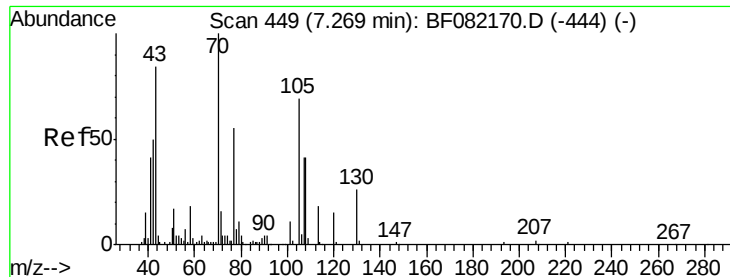


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

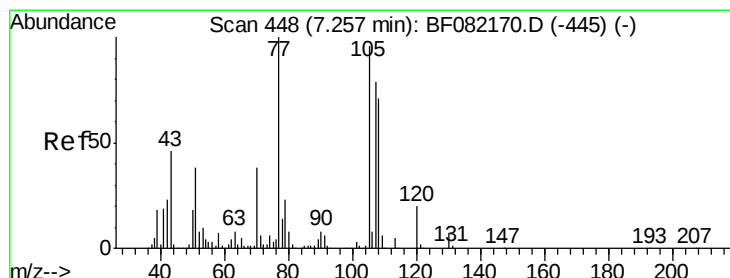
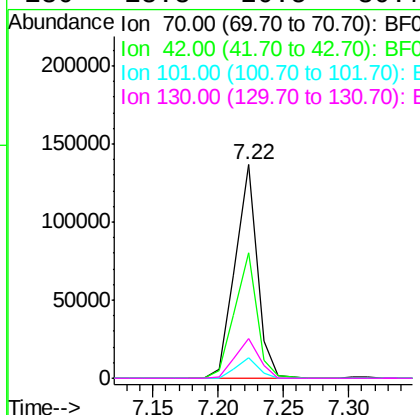
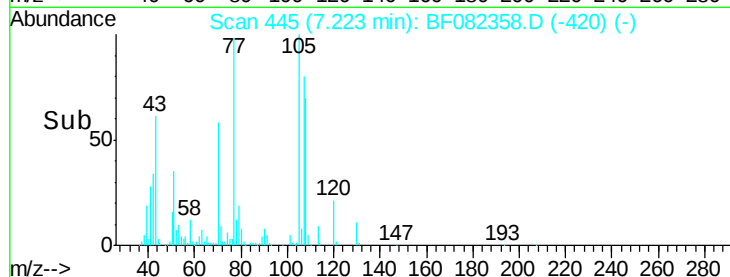
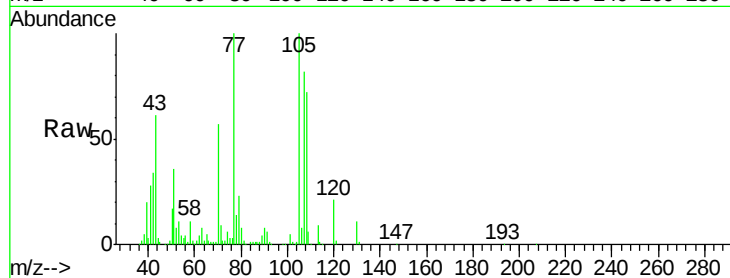




#19
n-Nitroso-di-n-propylamine
Concen: 34.31 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

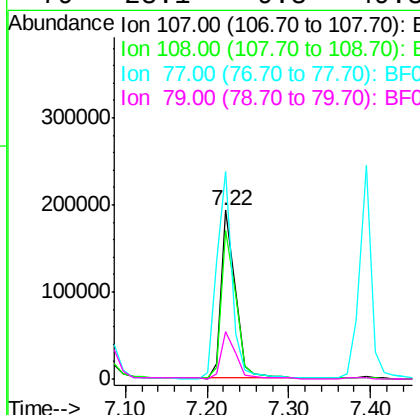
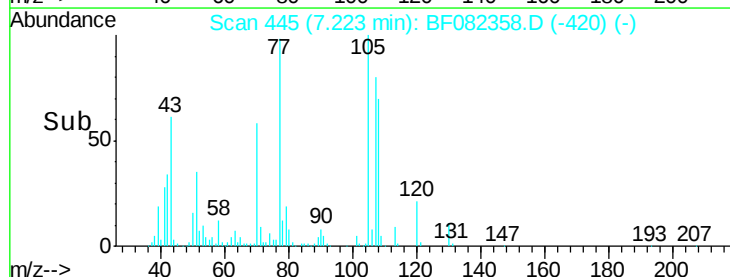
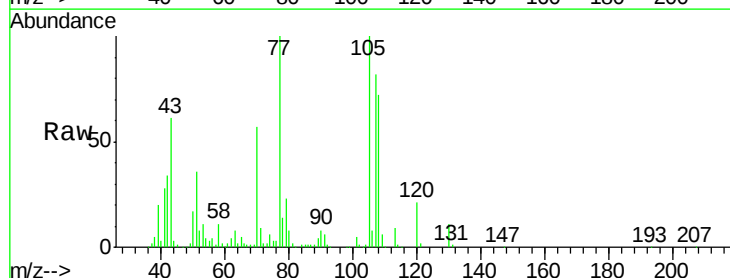
Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion: 70 Resp: 160892
Ion Ratio Lower Upper
70 100
42 59.0 39.8 59.8
101 9.5 8.6 13.0
130 18.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 39.32 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion: 107 Resp: 232098
Ion Ratio Lower Upper
107 100
108 88.2 69.9 109.9
77 122.7 106.0 146.0
79 28.1 9.8 49.8

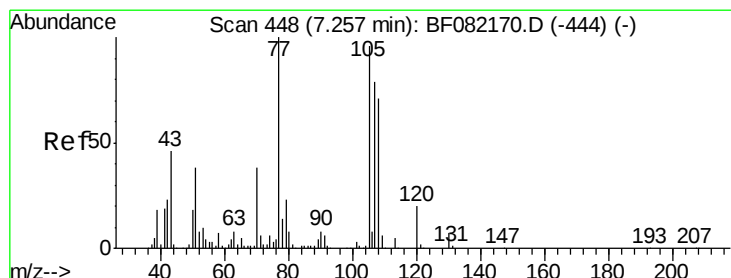
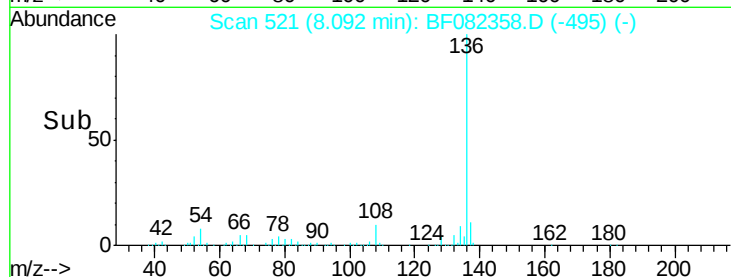
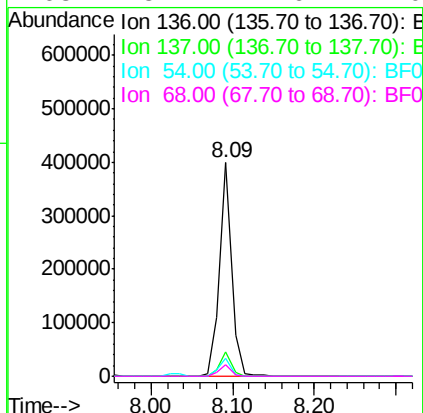
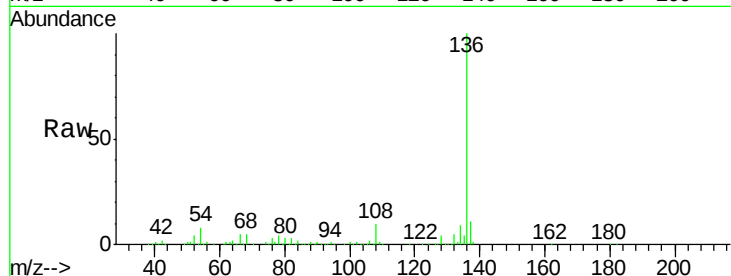




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

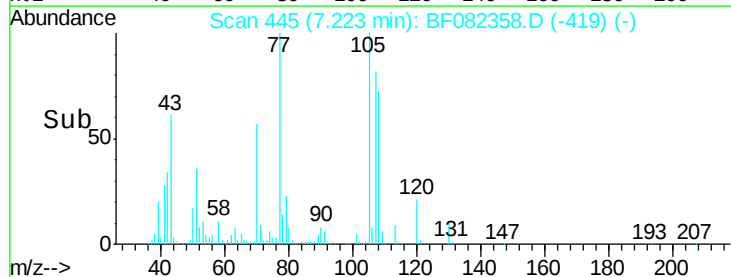
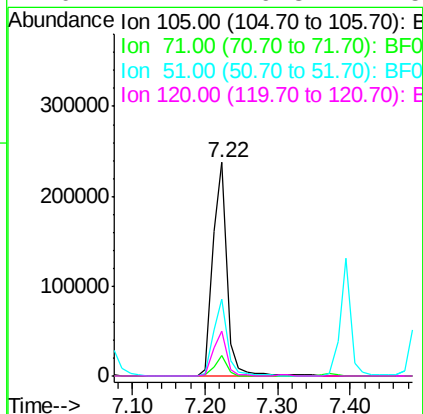
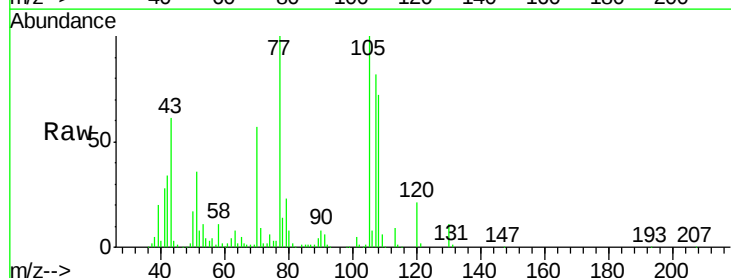
Instrument :
BNA_F
ClientSampleId :
PB86165BS

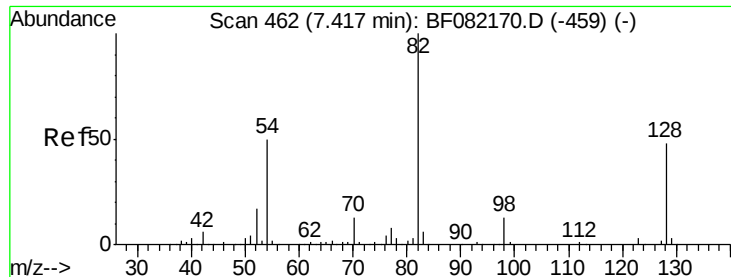
Tot Ion:136	Resp:	411353
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.0	13.6
54 8.2	7.5	11.3
68 5.2	4.6	7.0



#22
Acetophenone
Concen: 39.59 ng
RT: 7.22 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt	Ion:105	Resp:	322190
Ion	Ratio	Lower	Upper
105	100		
71	9.4	5.4	8.0#
51	36.0	31.8	47.6
120	21.2	16.3	24.5

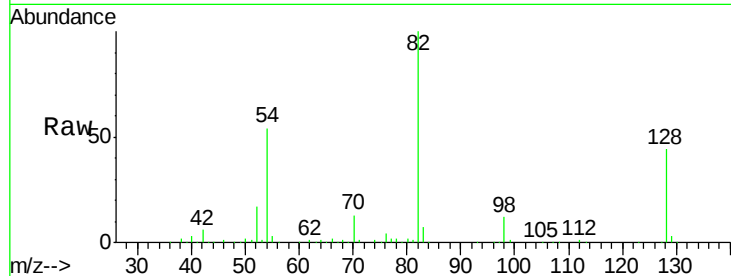




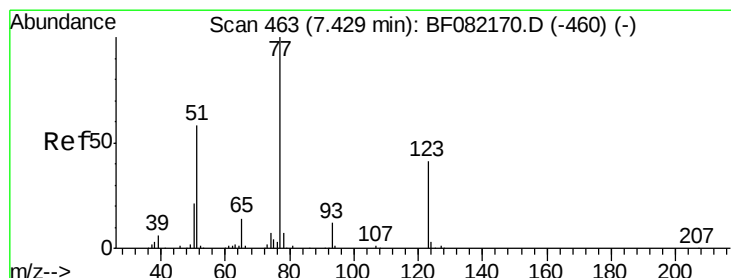
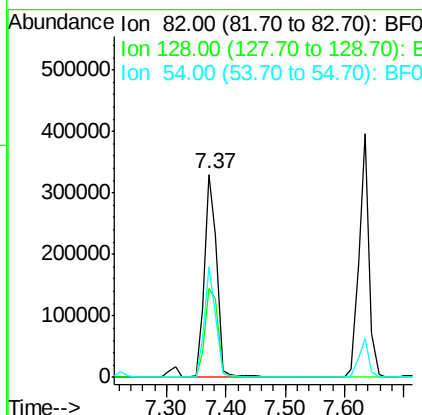
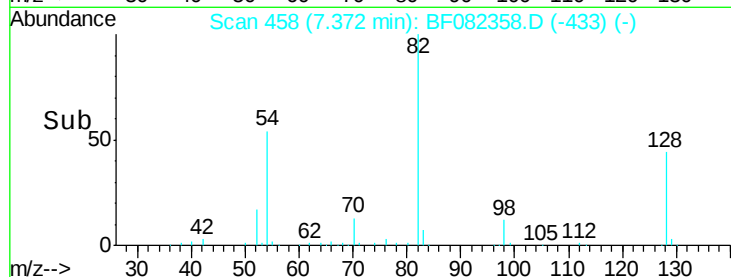
#23
Nitrobenzene-d5
Concen: 79.45 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion: 82 Resp: 486637
Ion Ratio Lower Upper
82 100
128 43.5 38.7 58.1
54 54.3 40.1 60.1

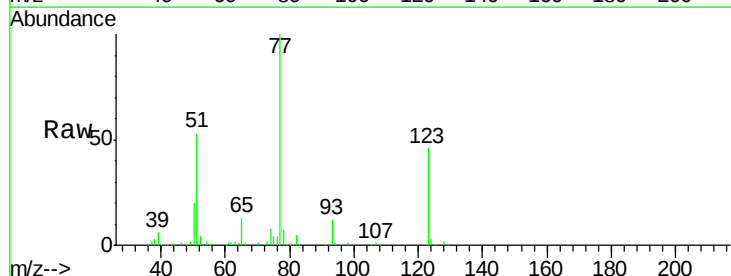


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

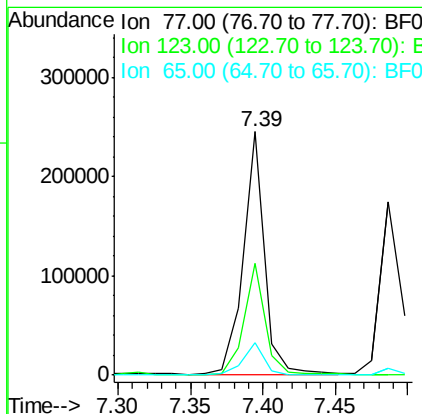
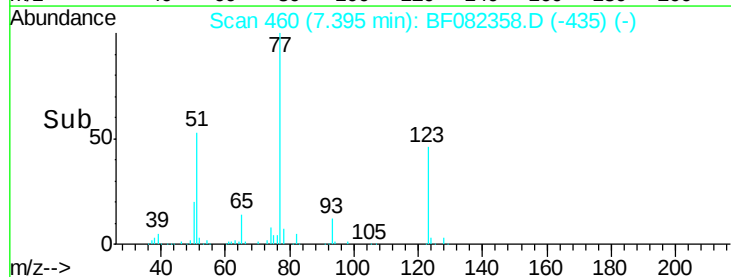


#24
Nitrobenzene
Concen: 37.36 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion: 77 Resp: 247735
Ion Ratio Lower Upper
77 100
123 45.7 33.0 49.4
65 13.4 11.2 16.8



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





#25

Isophorone

Concen: 37.32 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampled :

PB86165BS

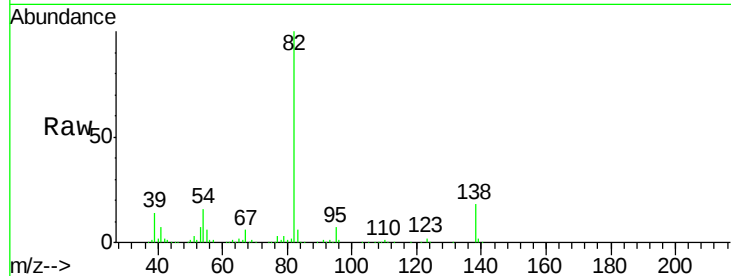
Tot Ion: 82 Resp: 461335

Ion Ratio Lower Upper

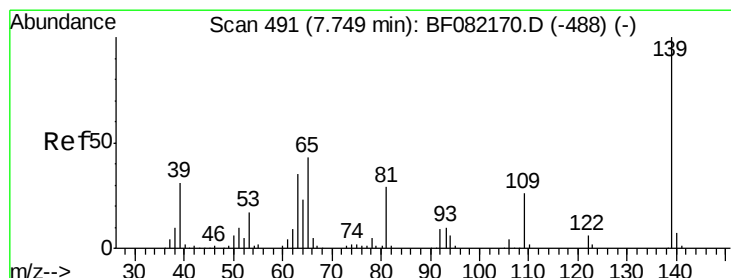
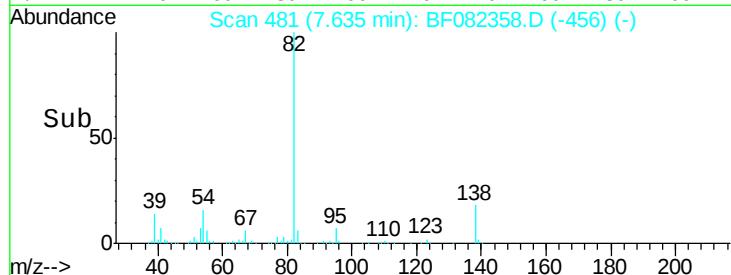
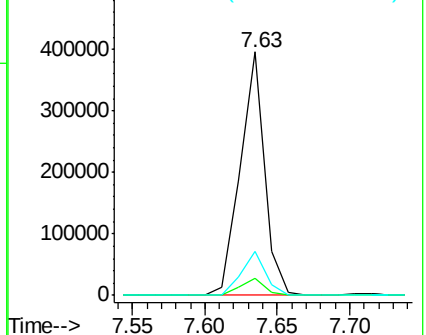
82 100

95 7.0 5.6 8.4

138 17.9 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: 40.63 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

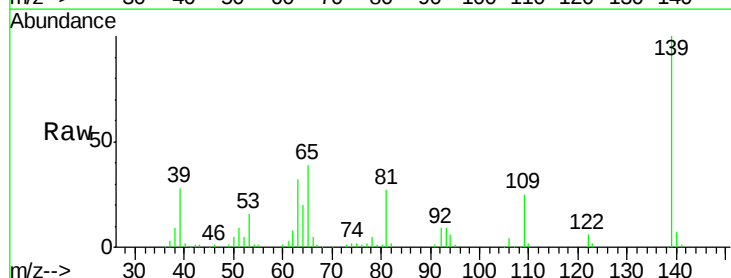
Tgt Ion: 139 Resp: 134522

Ion Ratio Lower Upper

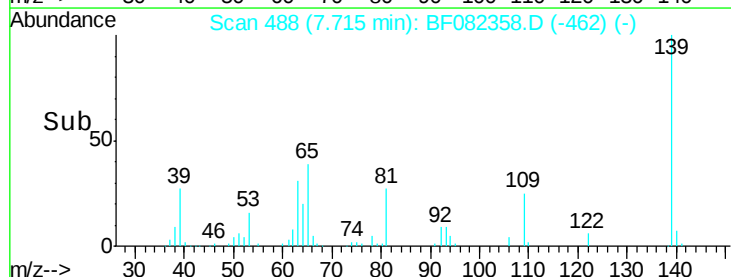
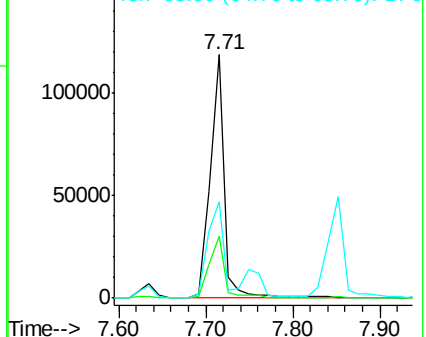
139 100

109 25.4 20.6 31.0

65 39.5 34.3 51.5



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

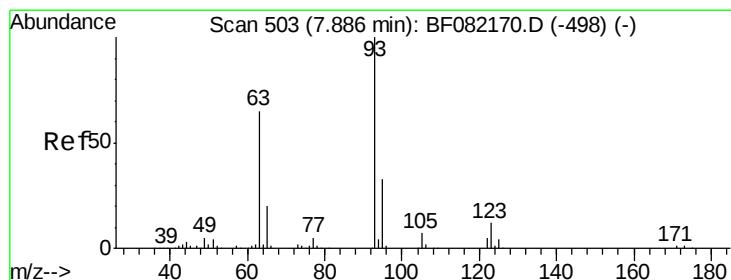
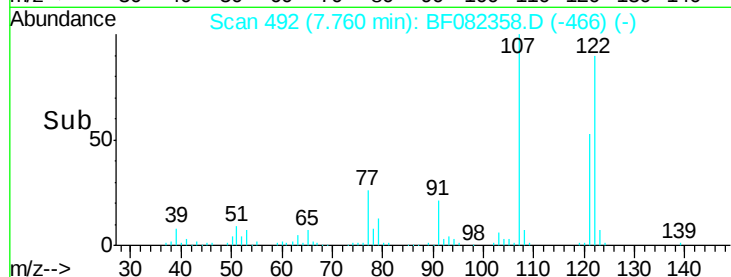
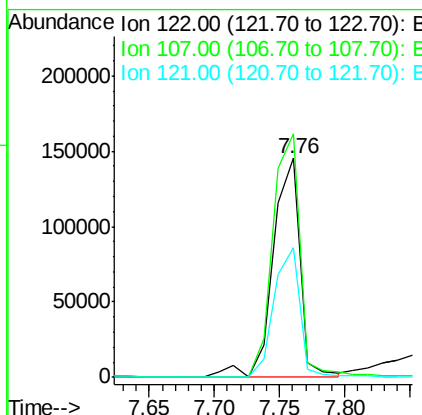
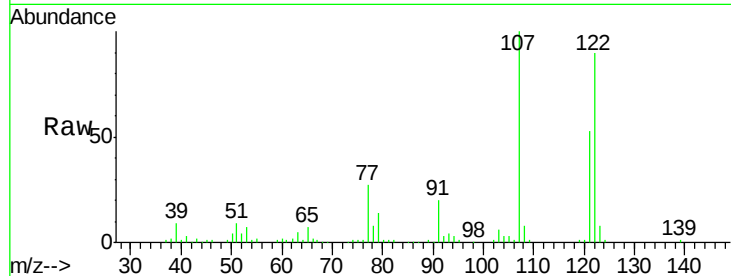




#27
2,4-Dimethylphenol
Concen: 39.98 ng
RT: 7.76 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

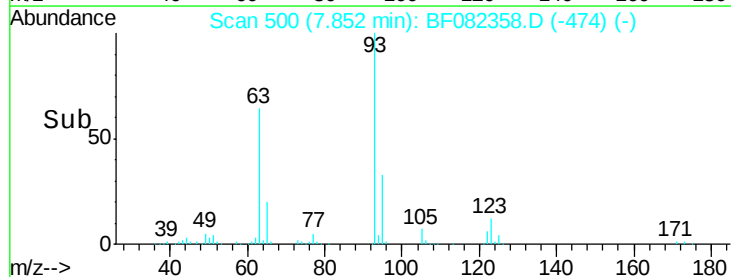
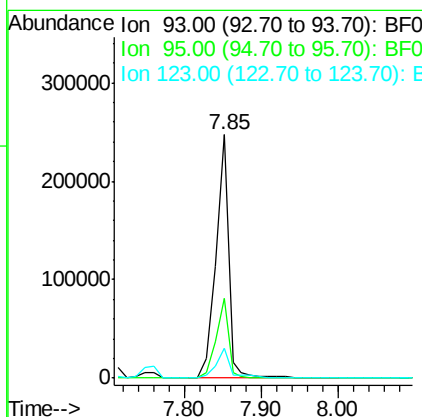
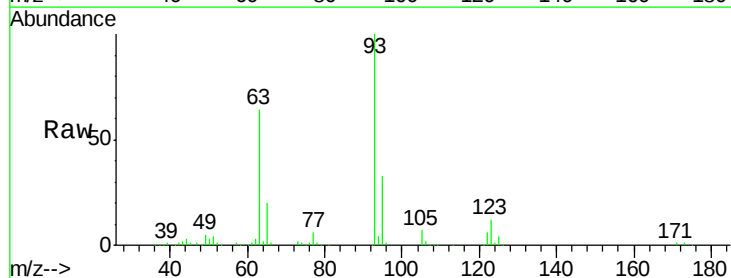
Instrument :
BNA_F
ClientSampleId :
PB86165BS

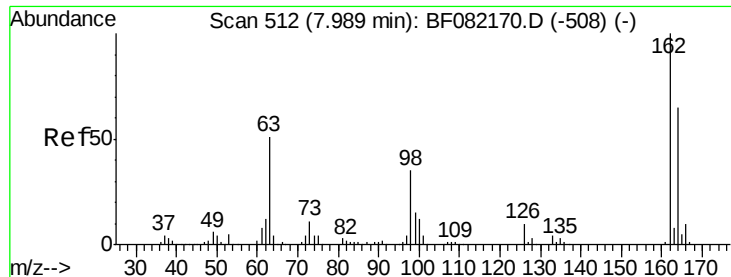
Tot Ion:122 Resp: 213234
Ion Ratio Lower Upper
122 100
107 111.0 94.0 141.0
121 59.1 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.67 ng
RT: 7.85 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion: 93 Resp: 285343
Ion Ratio Lower Upper
93 100
95 32.8 26.6 39.8
123 12.0 9.5 14.3

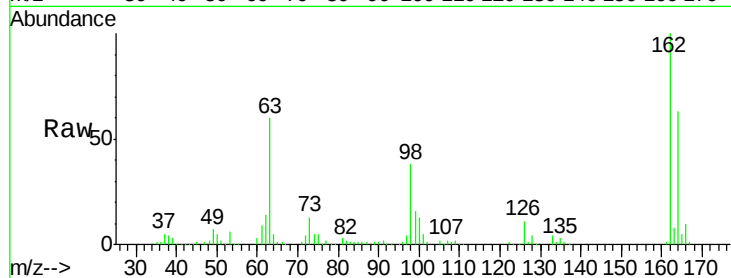




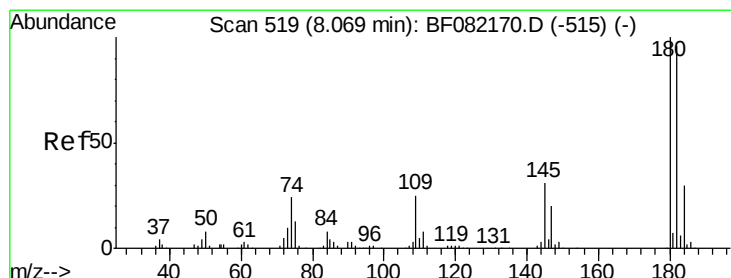
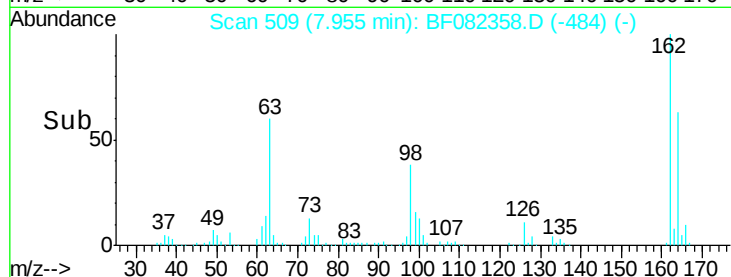
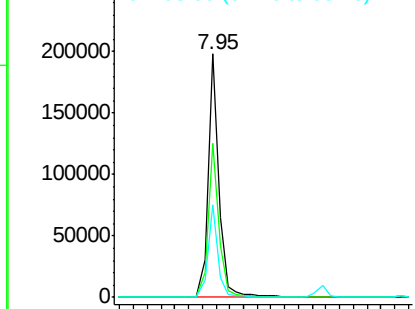
#29
 2,4-Dichlorophenol
 Concen: 41.00 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleID :
 PB86165BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	38.1	15.0	55.0

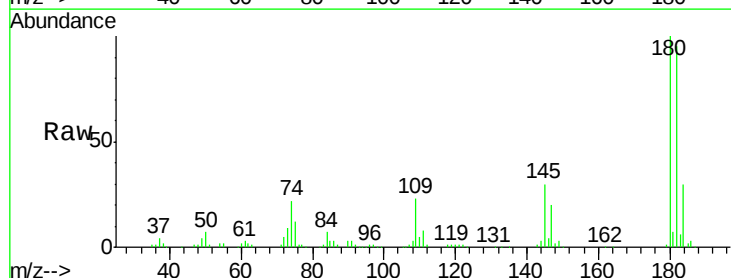


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

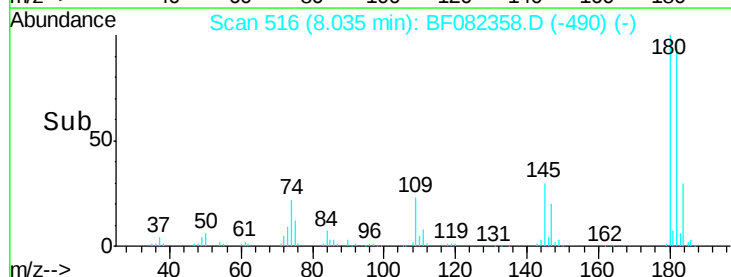
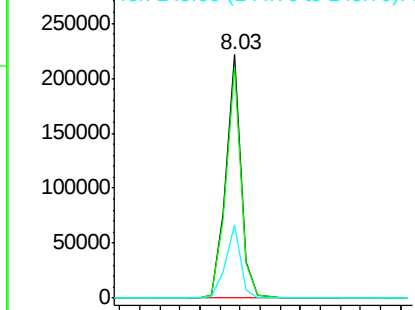


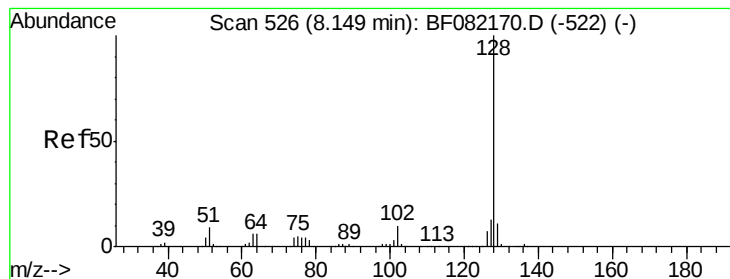
#30
 1,2,4-Trichlorobenzene
 Concen: 37.99 ng
 RT: 8.03 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.0	115.4
145	30.0	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: 38.83 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

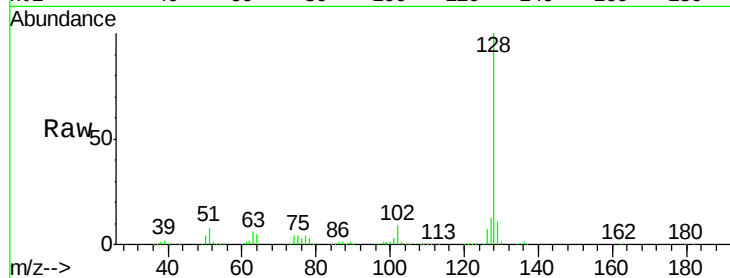
Tot Ion:128 Resp: 692444

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

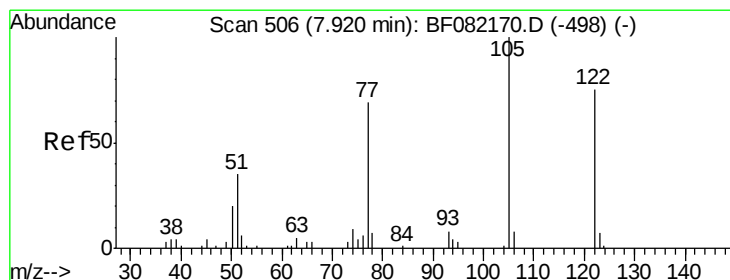
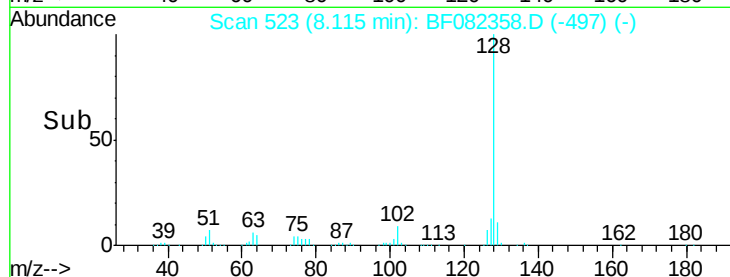
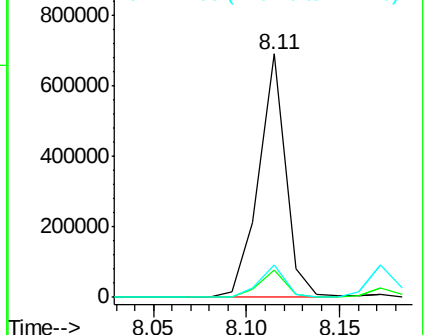
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.60 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

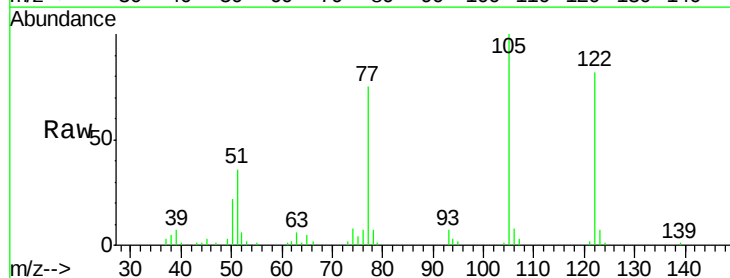
Tgt Ion:122 Resp: 116699

Ion Ratio Lower Upper

122 100

105 122.7 104.4 144.4

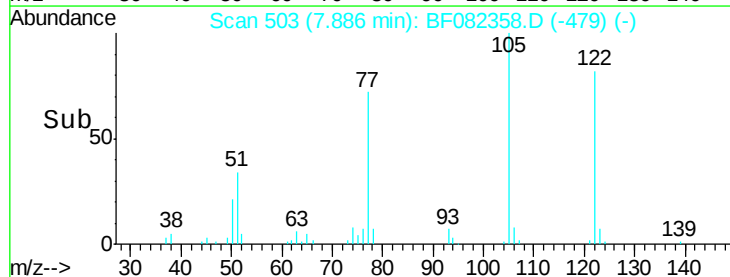
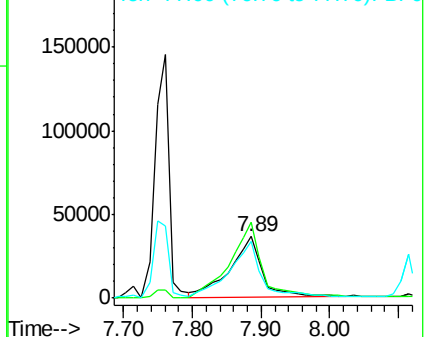
77 92.2 69.0 109.0



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

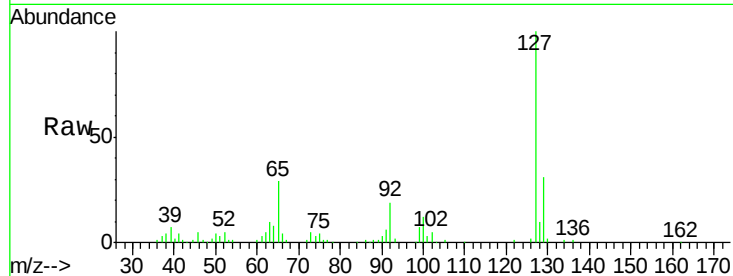




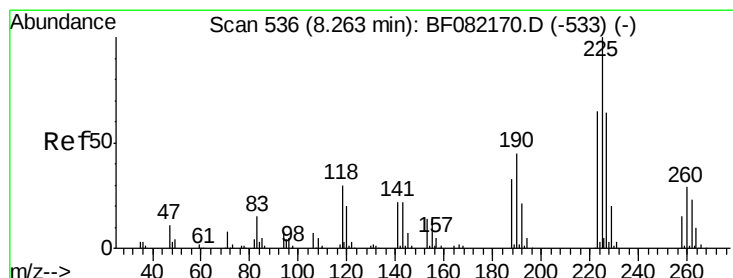
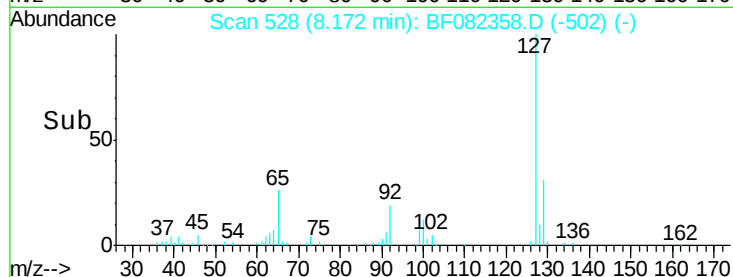
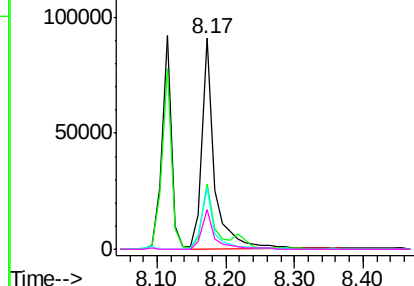
#33
4-Chloroaniline
Concen: 15.25 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion:	127	Resp:	112969
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.3	39.5
65	28.9	24.4	36.6
92	18.6	15.7	23.5

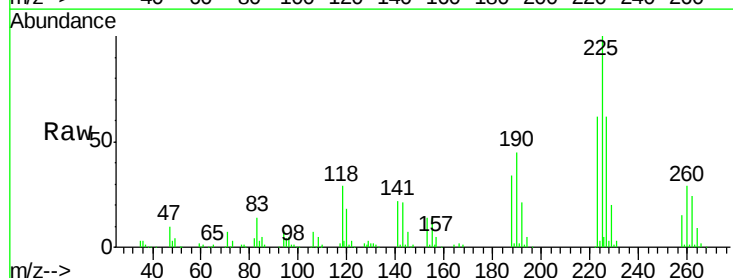


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

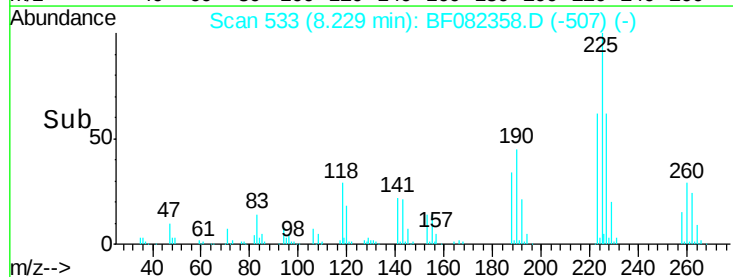
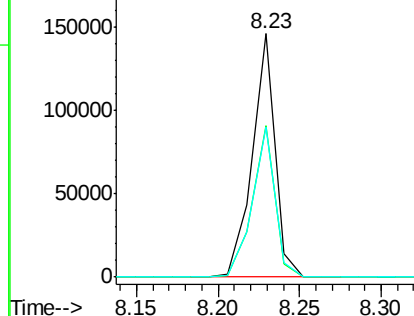


#34
Hexachlorobutadiene
Concen: 36.74 ng
RT: 8.23 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion:	225	Resp:	140714
Ion	Ratio	Lower	Upper
225	100		
223	62.3	52.2	78.2
227	61.6	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: 29.82 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

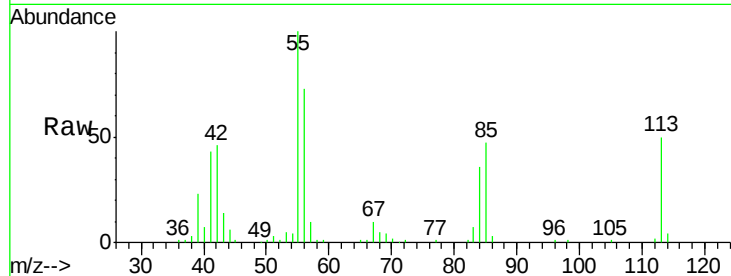
Tot Ion:113 Resp: 46142

Ion Ratio Lower Upper

113 100

55 200.0 149.7 189.7#

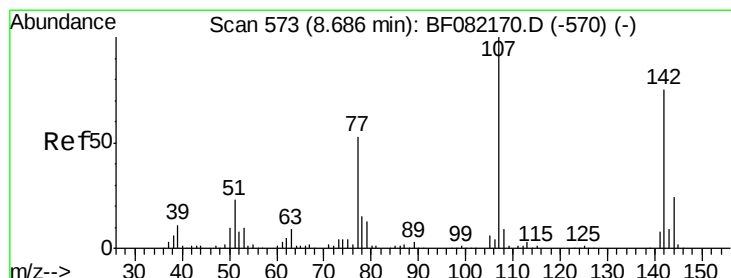
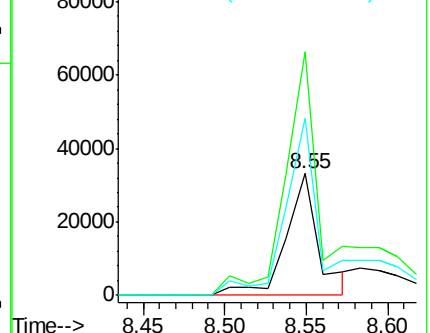
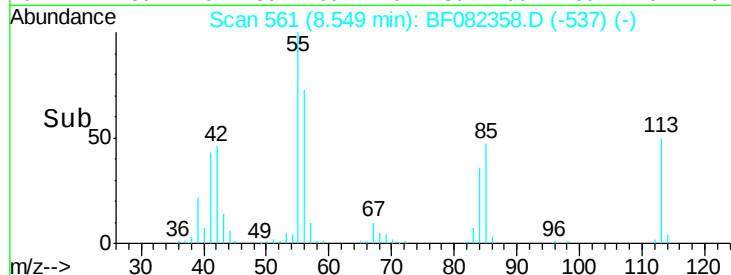
56 145.6 105.4 145.4#



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: 42.38 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

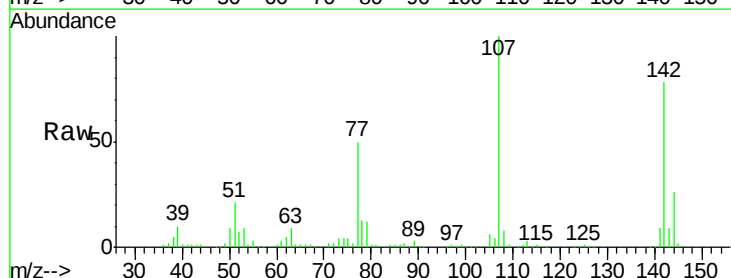
Tgt Ion:107 Resp: 220958

Ion Ratio Lower Upper

107 100

144 25.5 19.3 28.9

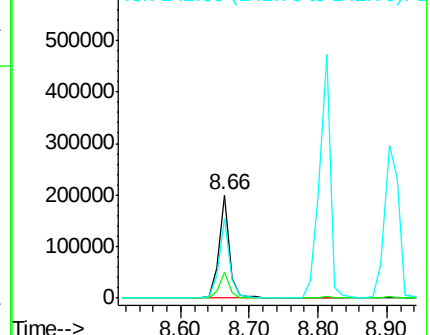
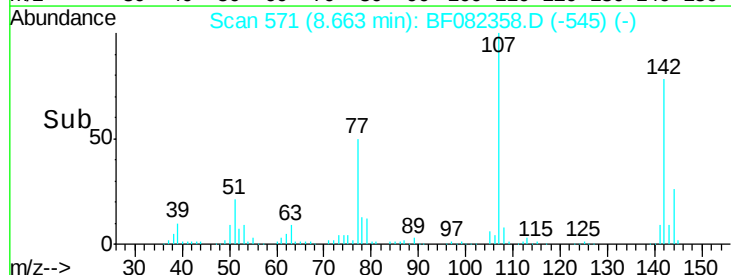
142 78.0 59.9 89.9

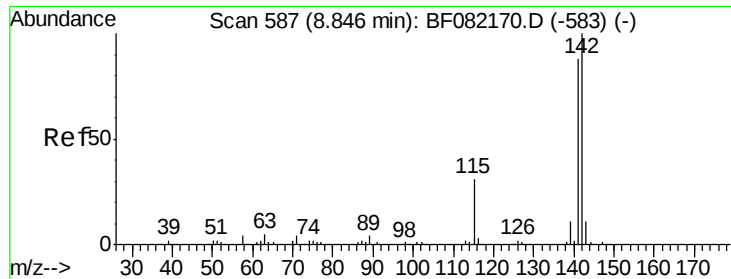


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

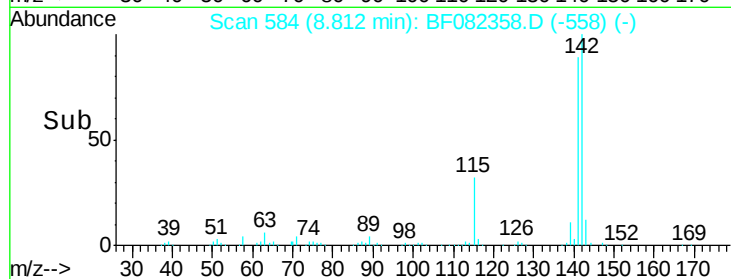
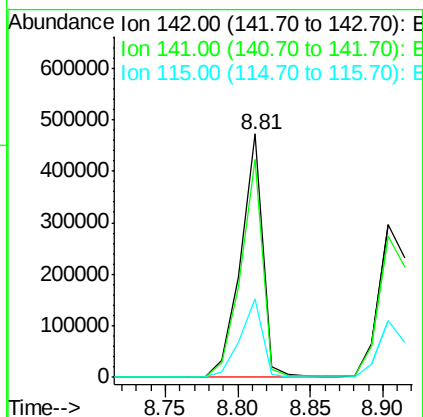
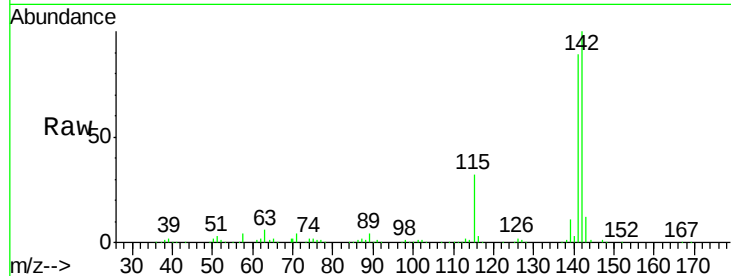




#37
 2-Methylnaphthalene
 Concen: 40.55 ng
 RT: 8.81 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

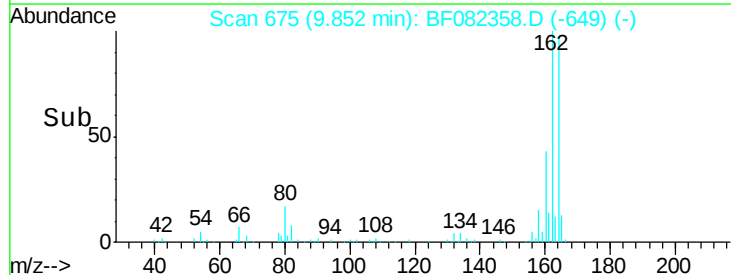
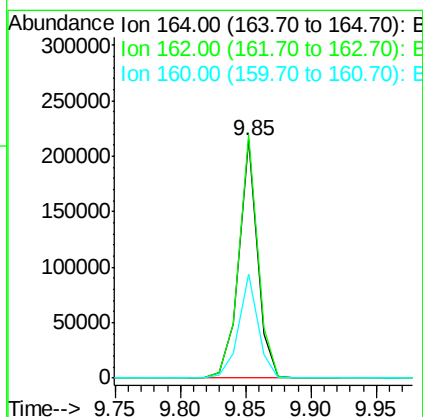
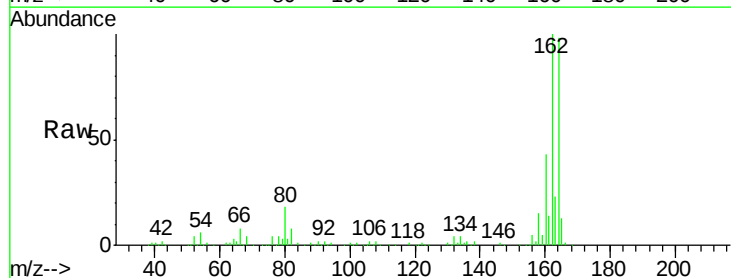
Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

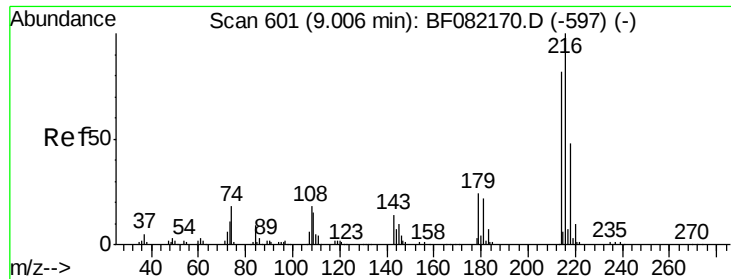
Tot Ion:142 Resp: 501271
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.4 105.6
 115 32.2 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion:164 Resp: 212851
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.6 122.4
 160 43.8 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.51 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

Tot Ion:216 Resp: 224822

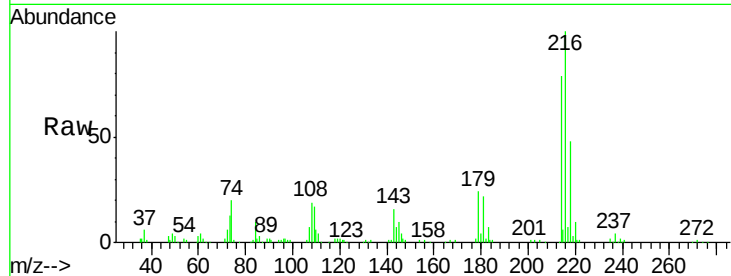
Ion Ratio Lower Upper

216 100

214 78.4 64.6 97.0

179 21.1 17.6 26.4

108 18.8 14.5 21.7

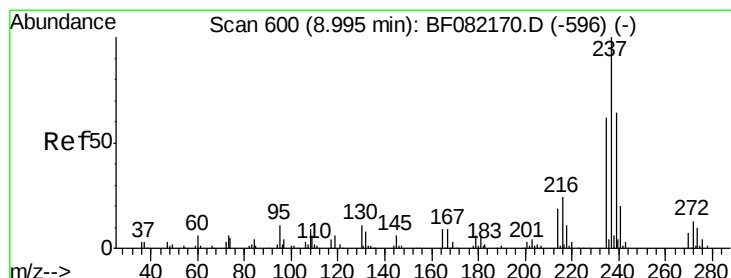
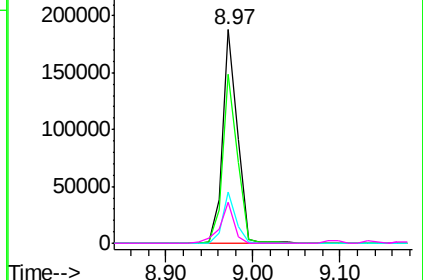
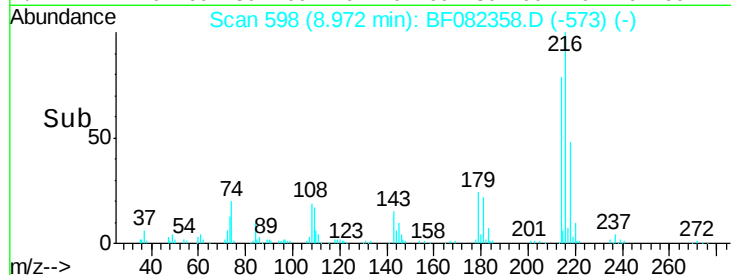


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.92 ng

RT: 8.96 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

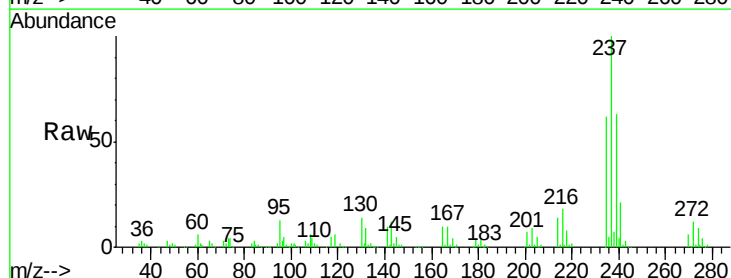
Tgt Ion:237 Resp: 198818

Ion Ratio Lower Upper

237 100

235 62.0 41.7 81.7

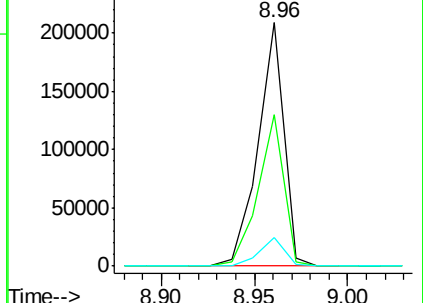
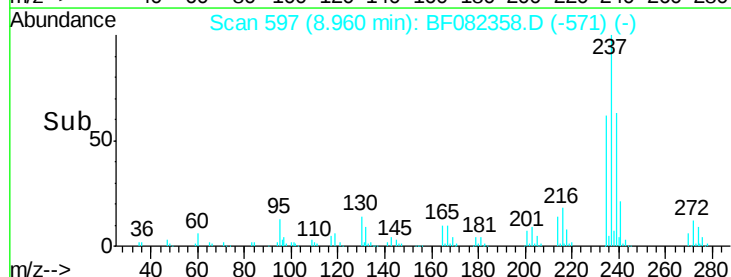
272 11.6 0.0 32.8

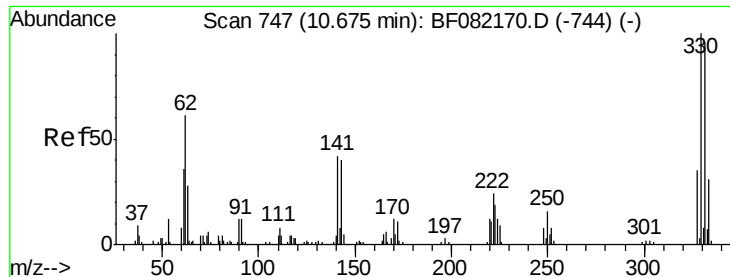


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

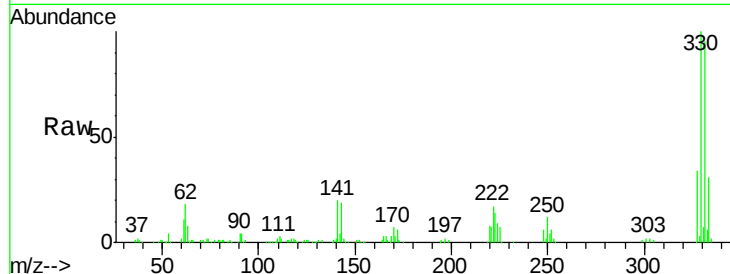




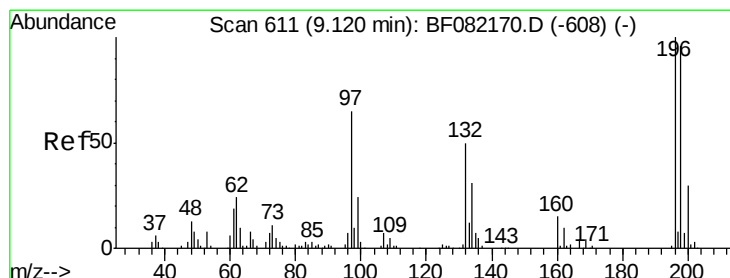
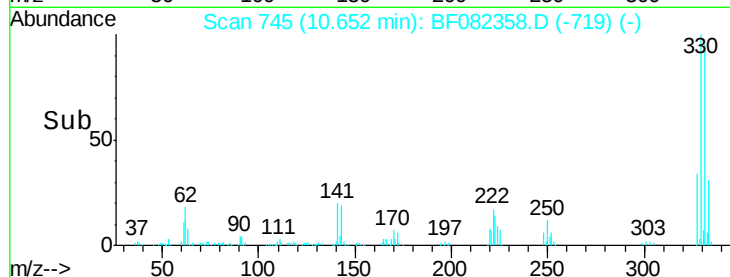
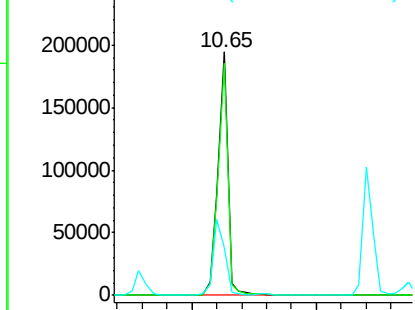
#41
 2,4,6-Tribromophenol
 Concen: 105.55 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	36.8	29.8	44.8

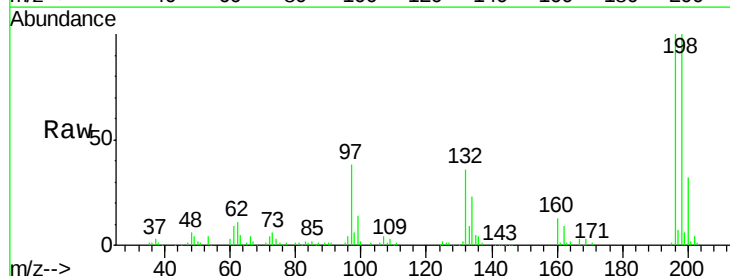


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

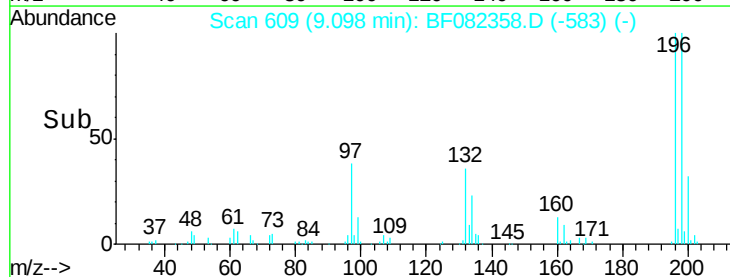
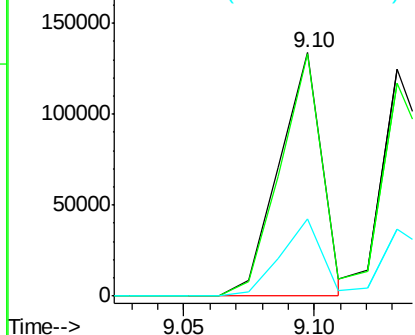


#42
 2,4,6-Trichlorophenol
 Concen: 36.23 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	76.6	115.0
200	31.8	23.7	35.5



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

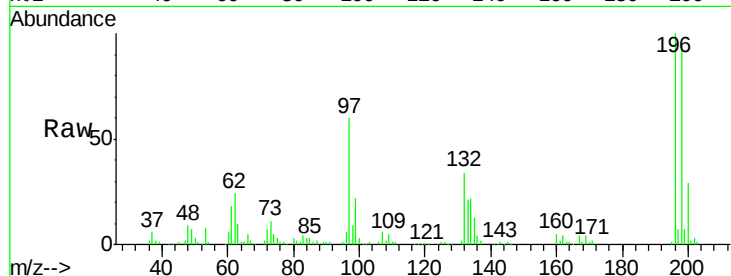




#43
 2,4,5-Trichlorophenol
 Concen: 36.37 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	77.0	115.4
97	59.6	31.9	47.9#
132	33.7	20.3	30.5#



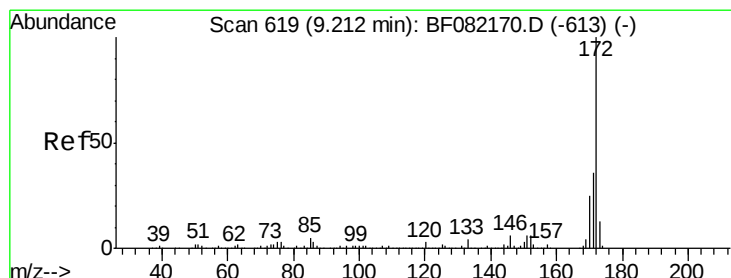
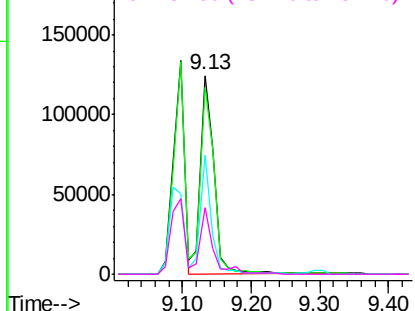
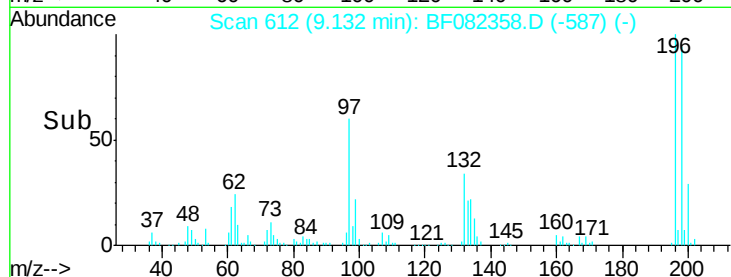
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

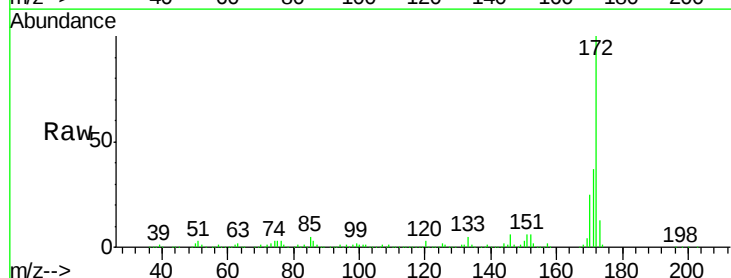
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.02 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.9	19.7	29.5

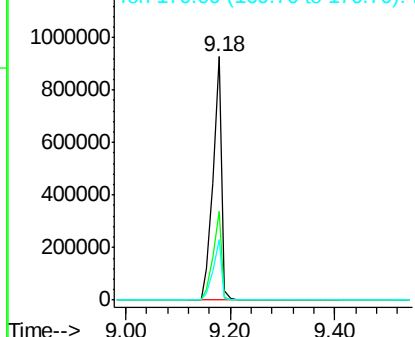
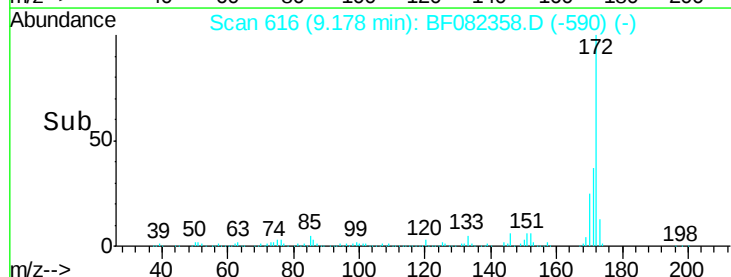


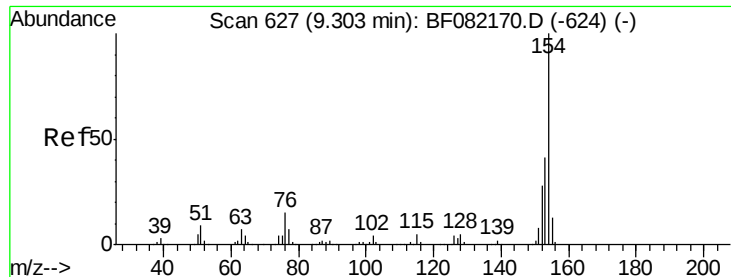
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.33 ng

RT: 9.28 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

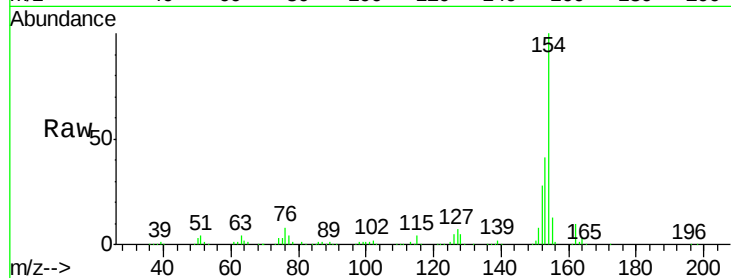
Tot Ion:154 Resp: 589719

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

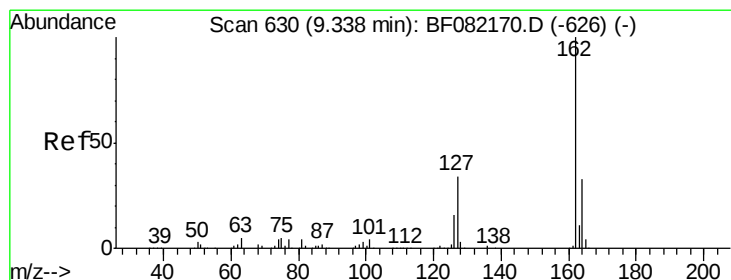
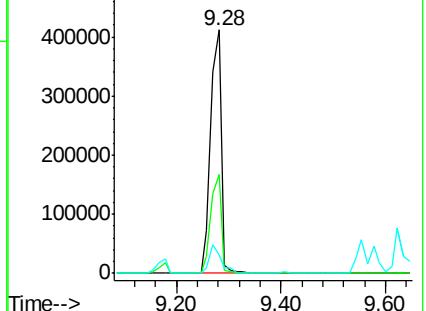
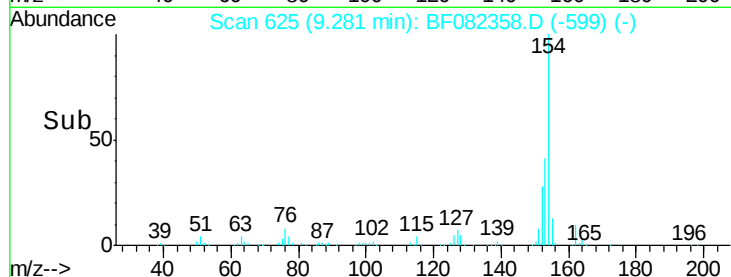
76 7.8 0.0 35.2



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: 37.78 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

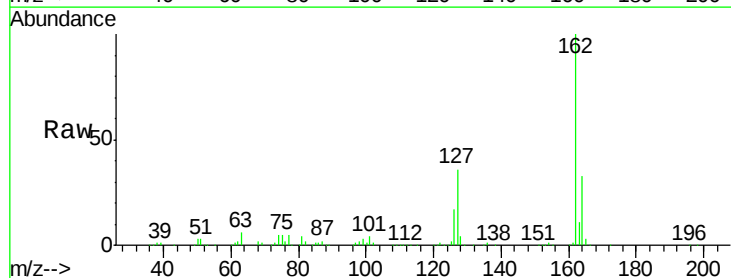
Tgt Ion:162 Resp: 482709

Ion Ratio Lower Upper

162 100

127 35.7 27.5 41.3

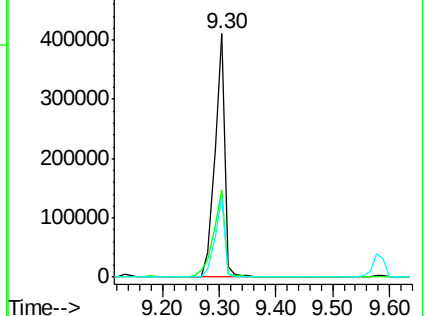
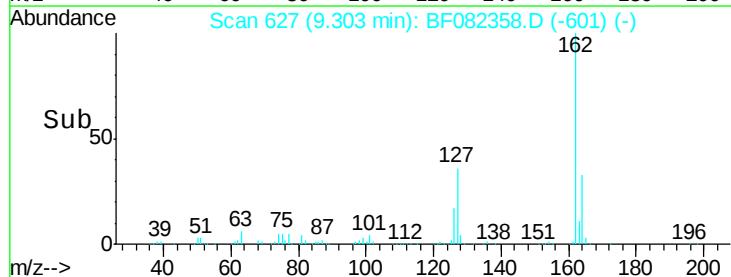
164 33.0 26.6 39.8

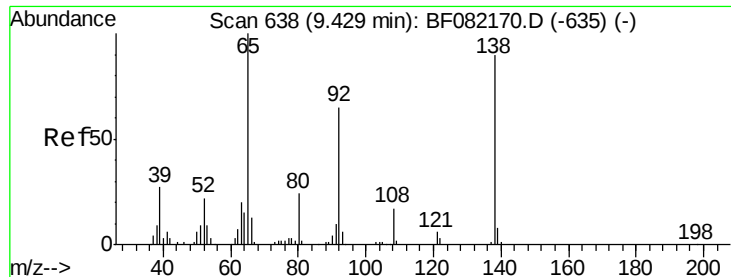


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

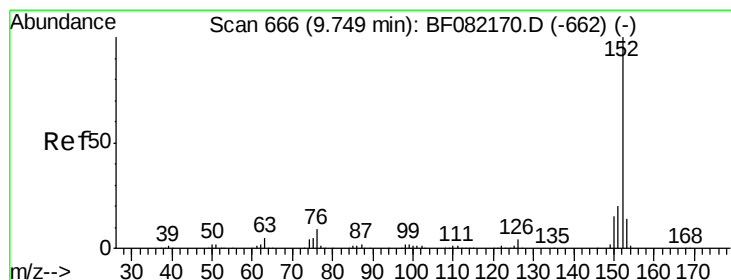
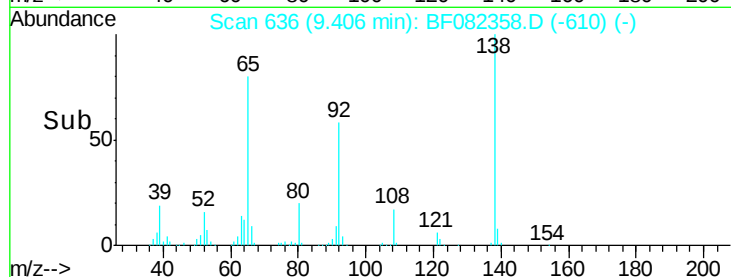
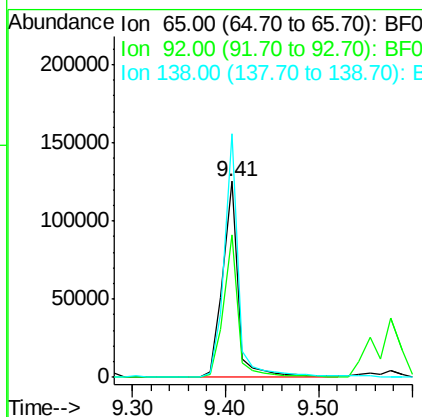
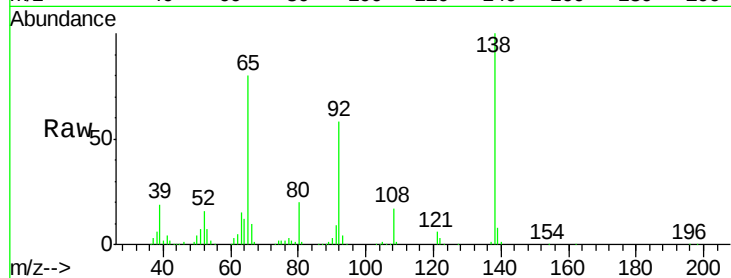




#47
2-Nitroaniline
Concen: 41.75 ng
RT: 9.41 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

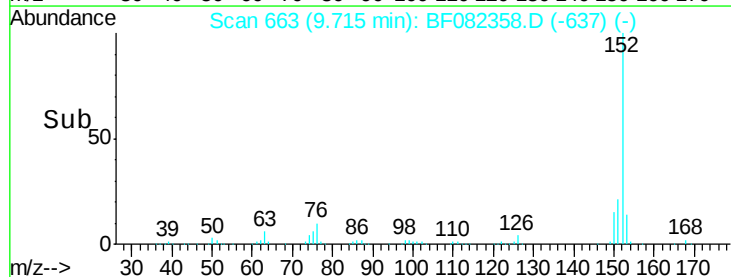
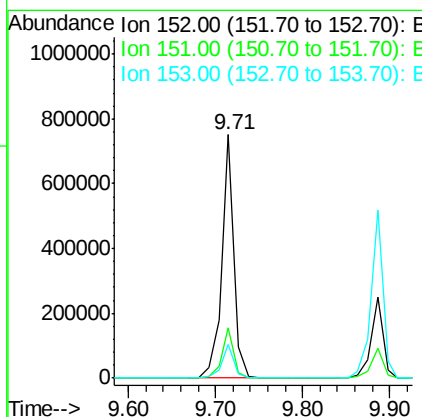
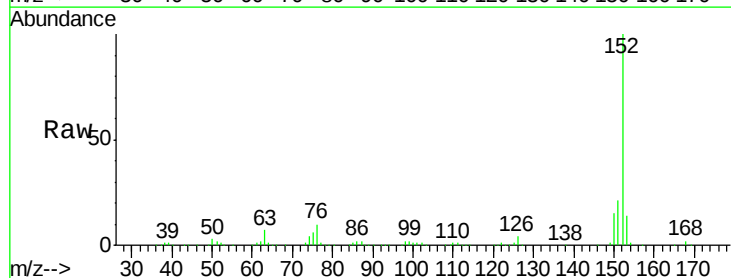
Instrument :
BNA_F
ClientSampleId :
PB86165BS

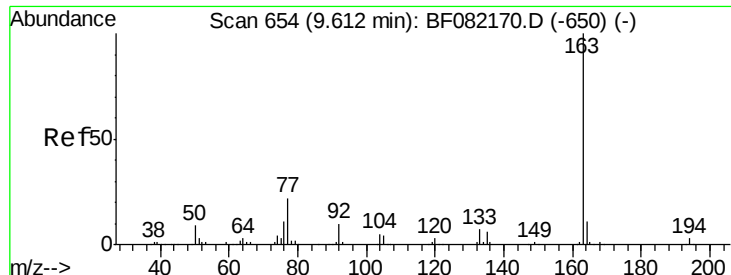
Tot Ion: 65 Resp: 146439
Ion Ratio Lower Upper
65 100
92 72.5 52.3 78.5
138 124.3 72.2 108.4#



#48
Acenaphthylene
Concen: 36.95 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion: 152 Resp: 735541
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.6 10.8 16.2

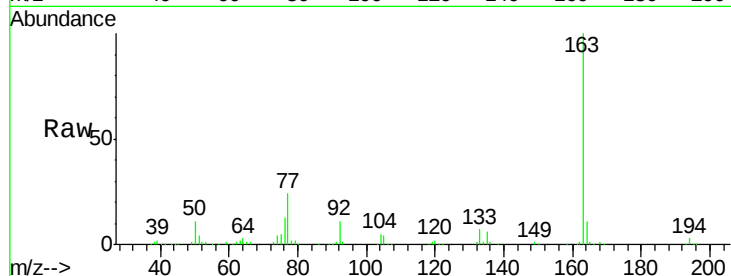




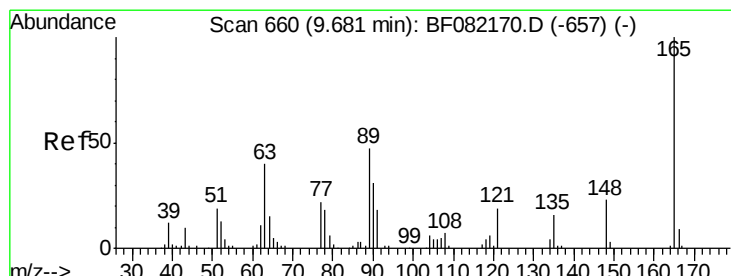
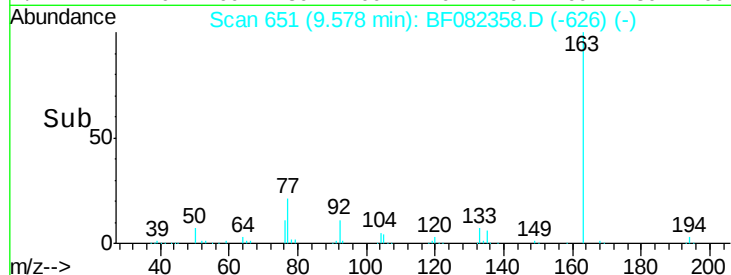
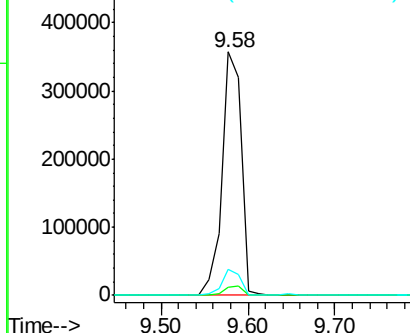
#49
Dimethylphthalate
Concen: 36.67 ng
RT: 9.58 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion:163 Resp: 549678
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.8 8.5 12.7

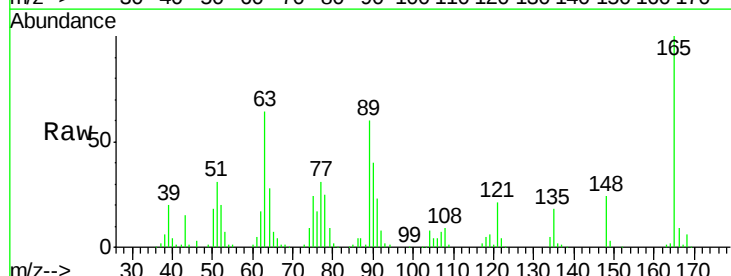


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

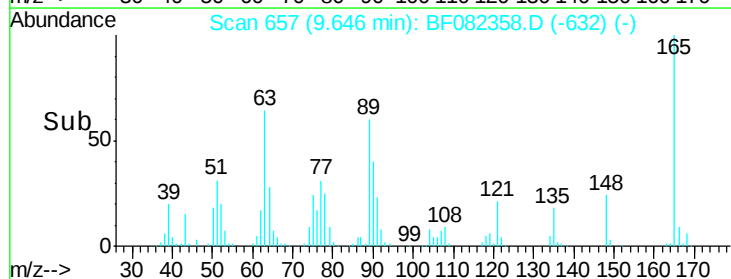
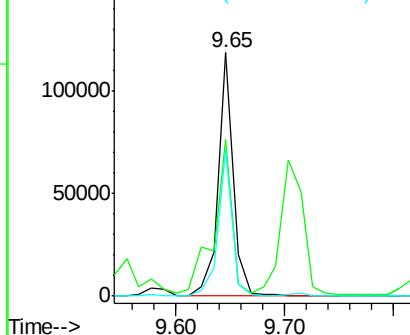


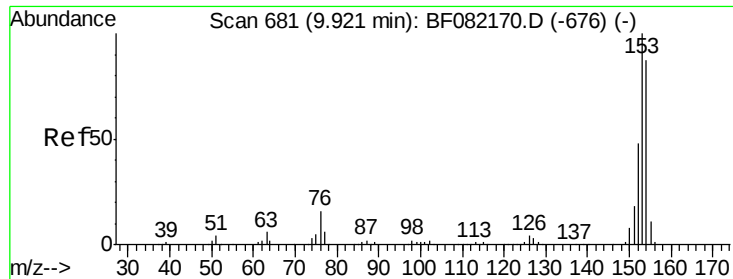
#50
2,6-Dinitrotoluene
Concen: 36.57 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion:165 Resp: 115671
Ion Ratio Lower Upper
165 100
63 64.4 36.7 55.1#
89 59.9 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: 36.37 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

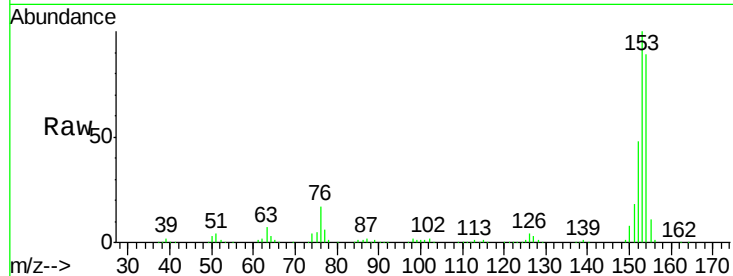
Tot Ion:154 Resp: 434641

Ion Ratio Lower Upper

154 100

153 112.6 91.4 137.2

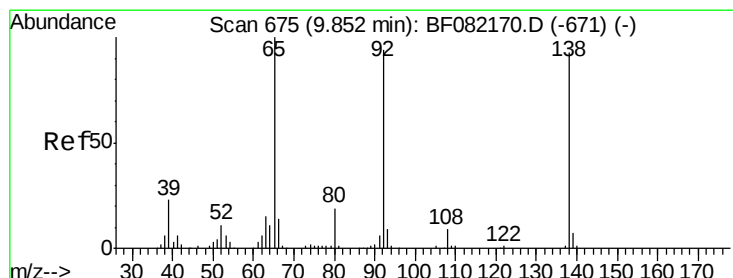
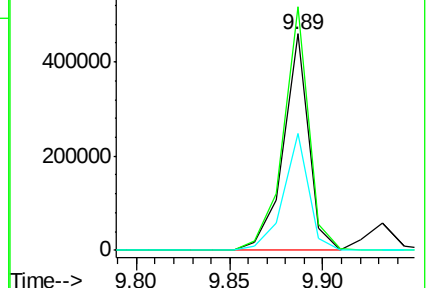
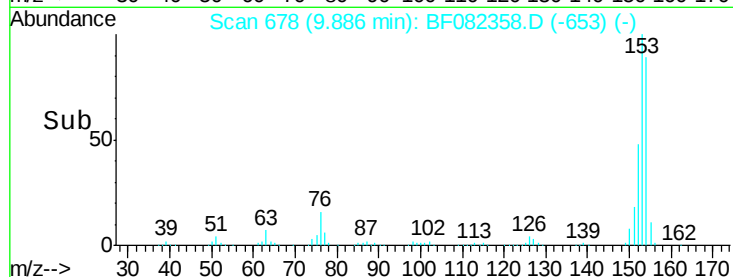
152 54.3 44.3 66.5



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: 18.74 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

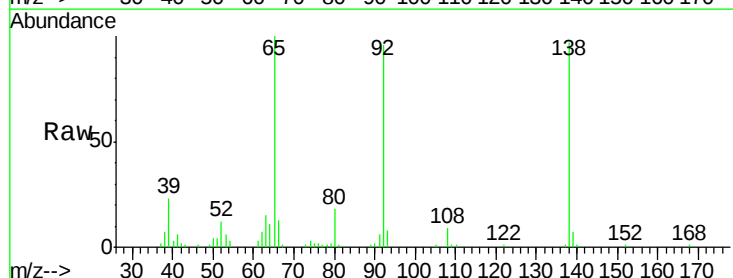
Tgt Ion:138 Resp: 66946

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

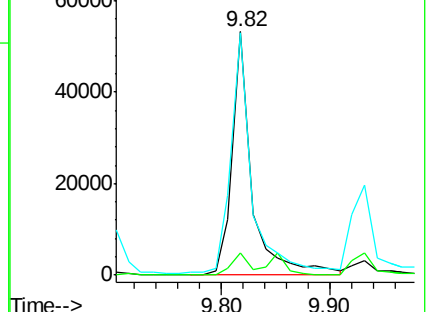
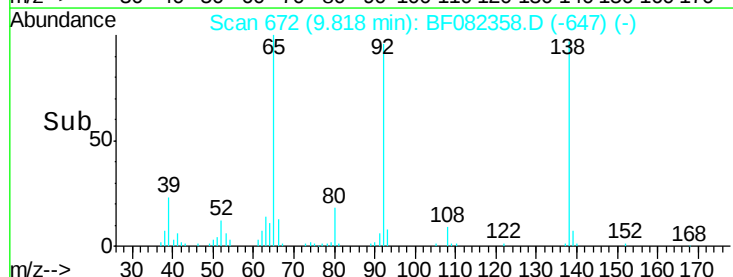
92 99.3 81.3 121.9



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

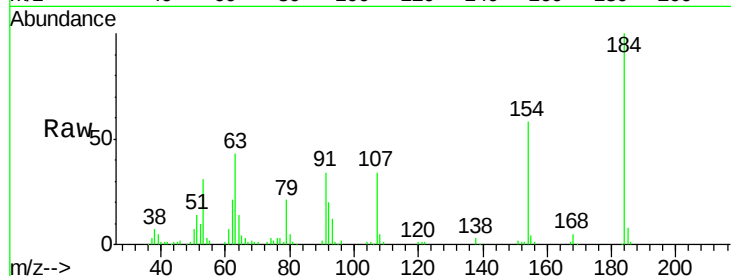




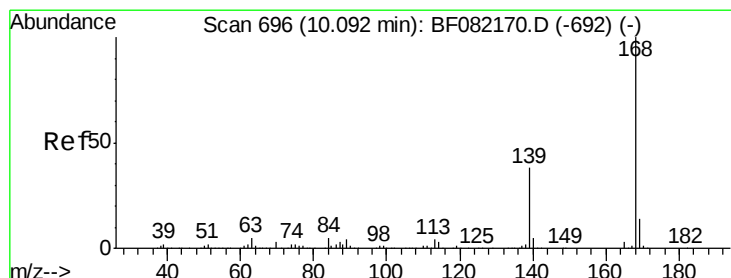
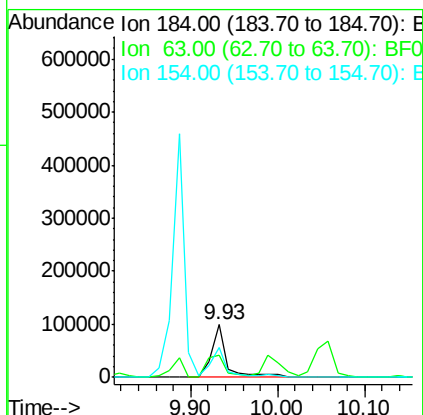
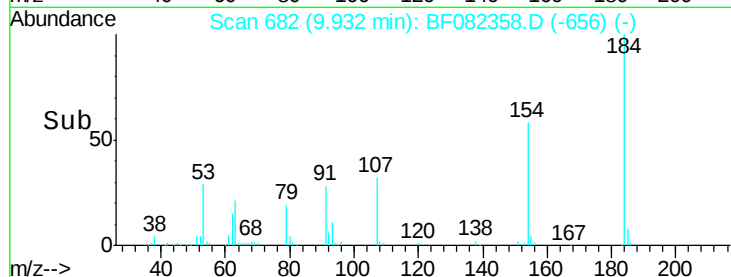
#53
2,4-Dinitrophenol
Concen: 70.62 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion:184 Resp: 123360
Ion Ratio Lower Upper
184 100
63 43.2 45.1 67.7#
154 57.6 51.2 76.8

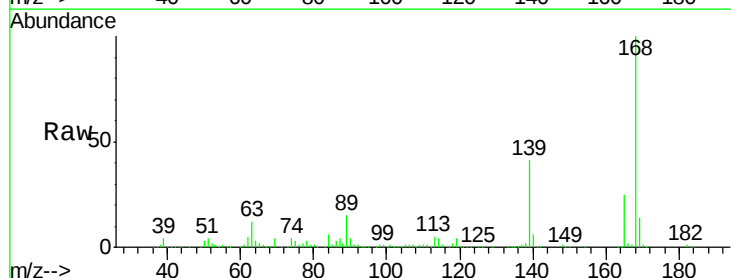


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

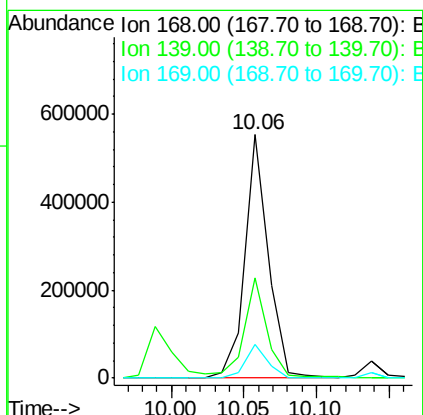
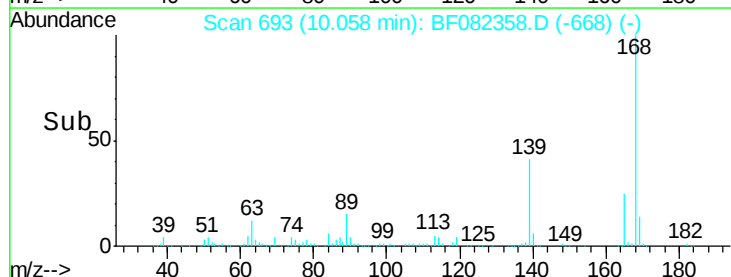


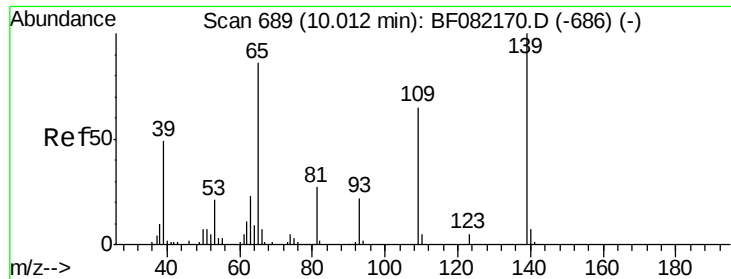
#54
Dibenzofuran
Concen: 37.83 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion:168 Resp: 620691
Ion Ratio Lower Upper
168 100
139 40.9 31.0 46.6
169 13.8 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: 63.44 ng

RT: 9.99 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

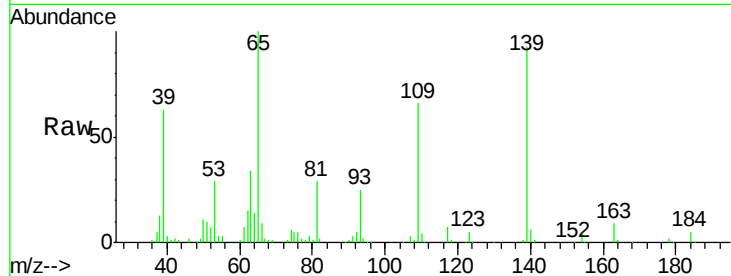
Tot Ion:139 Resp: 143576

Ion Ratio Lower Upper

139 100

109 71.1 44.8 84.8

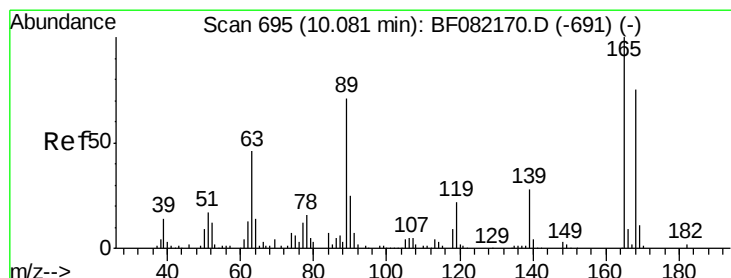
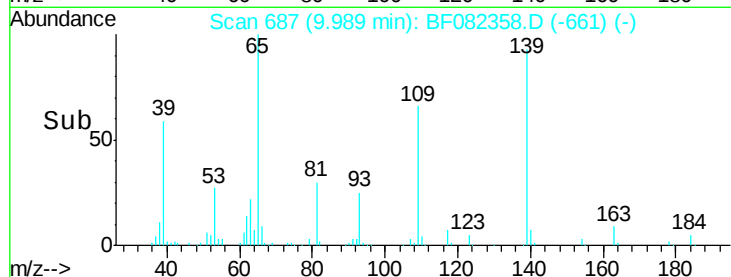
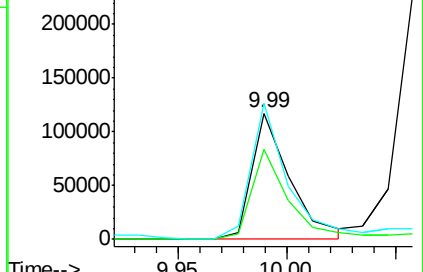
65 108.0 67.7 107.7#



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: 42.19 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:165 Resp: 166784

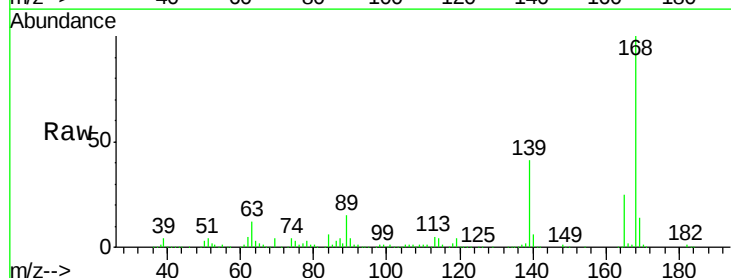
Ion Ratio Lower Upper

165 100

63 49.4 38.6 58.0

89 61.4 57.0 85.6

182 2.2 1.8 2.6

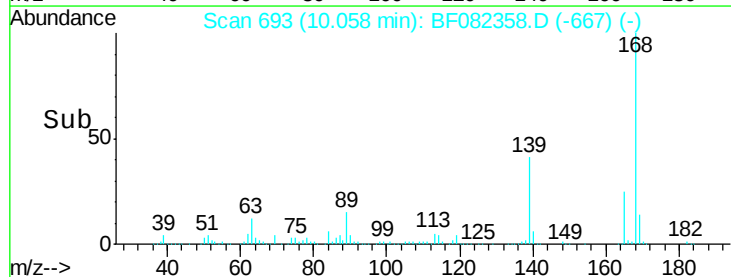
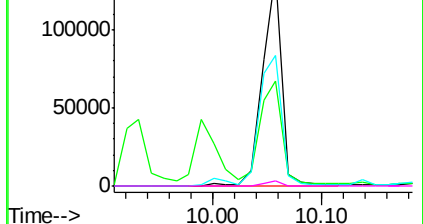


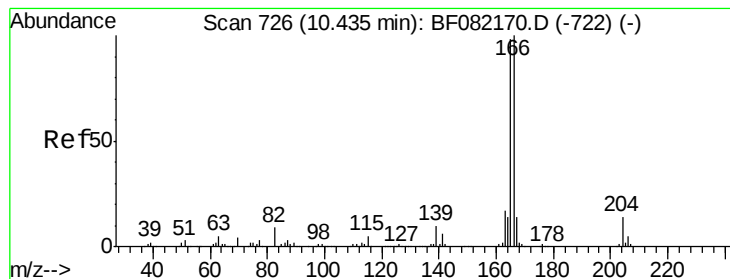
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.58 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

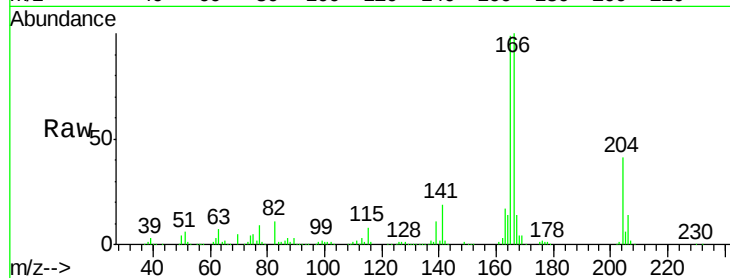
Tot Ion:166 Resp: 492854

Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

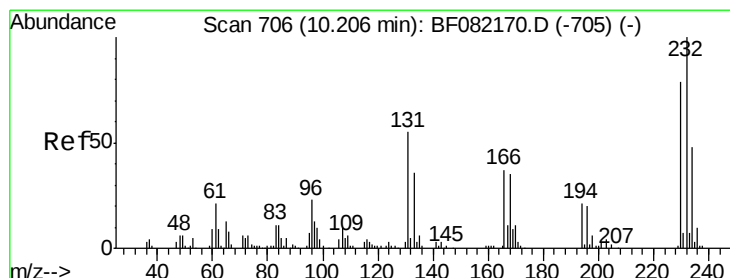
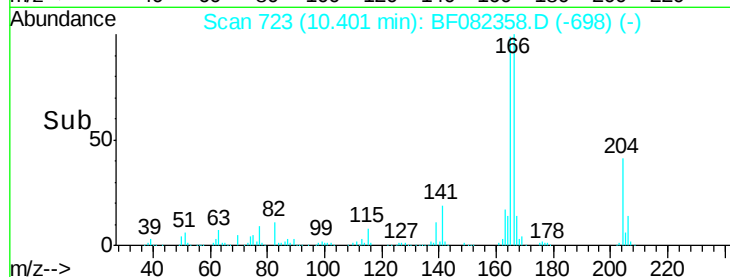
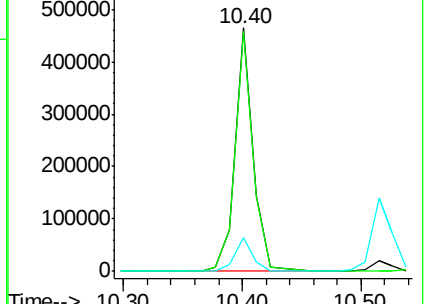
167 13.9 10.8 16.2



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: 39.27 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion:232 Resp: 146151

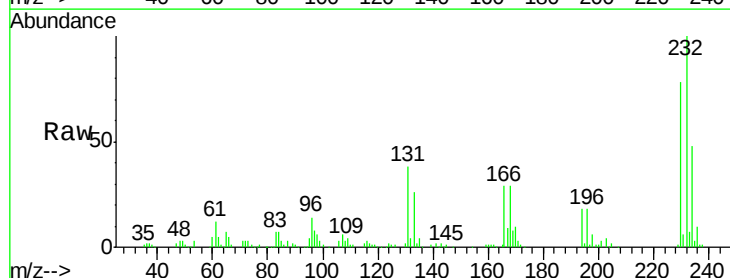
Ion Ratio Lower Upper

232 100

131 42.2 36.6 54.8

130 1.8 1.5 2.3

166 29.0 24.6 37.0

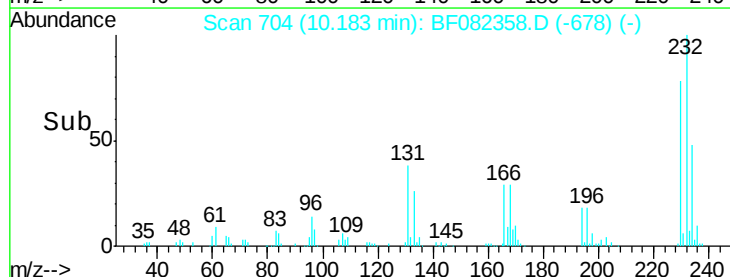
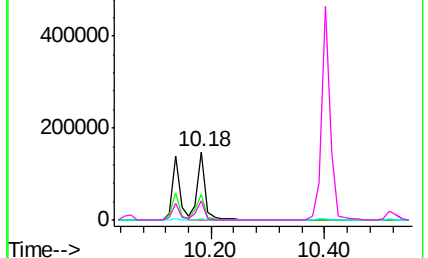


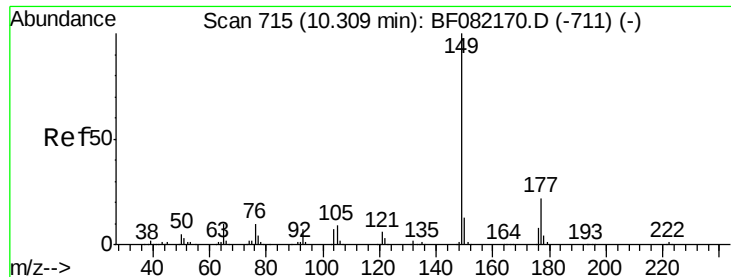
Abundance Ion 232.00 (231.70 to 232.70): E

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

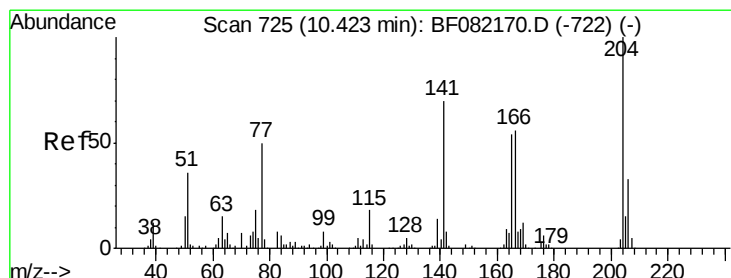
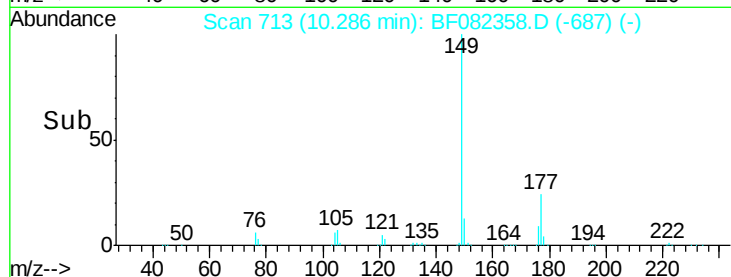
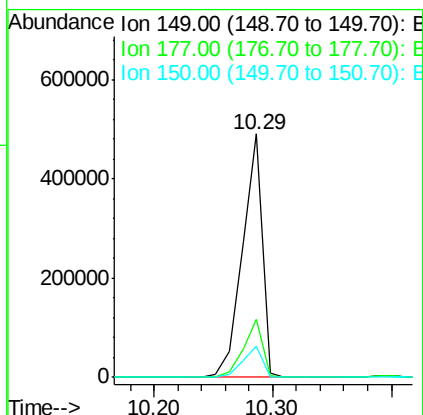
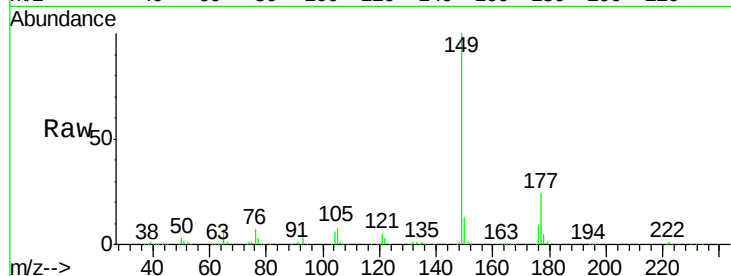




#59
Diethylphthalate
Concen: 40.94 ng
RT: 10.29 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

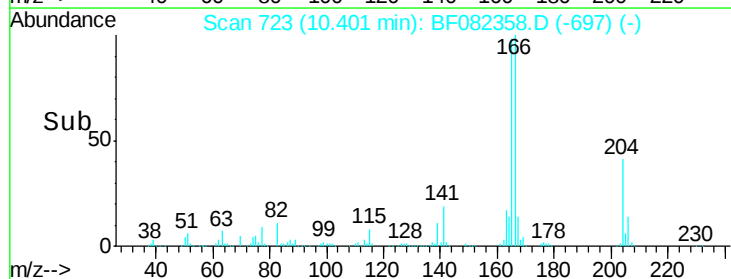
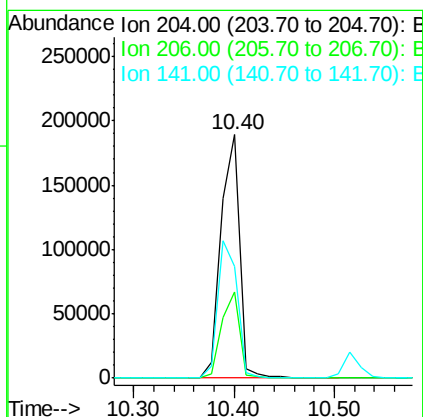
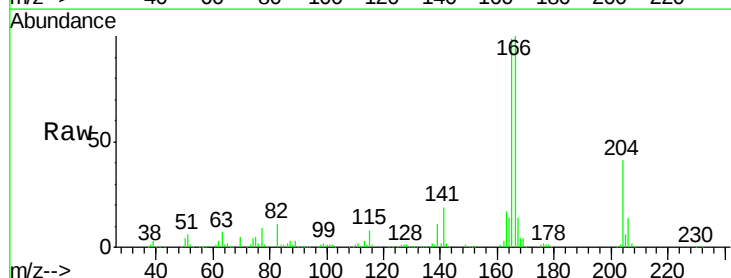
Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion:149 Resp: 572025
Ion Ratio Lower Upper
149 100
177 24.0 17.6 26.4
150 12.7 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 39.52 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion:204 Resp: 243899
Ion Ratio Lower Upper
204 100
206 35.2 26.8 40.2
141 46.0 56.1 84.1#





#61

4-Nitroaniline

Concen: 34.63 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

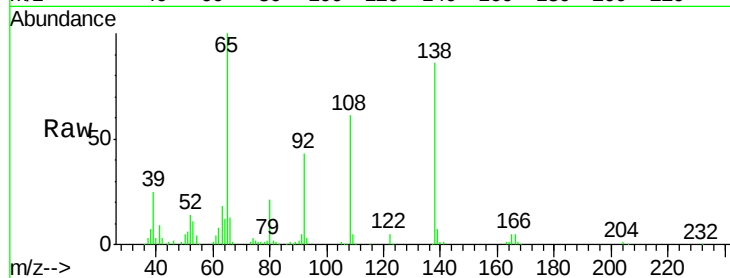
Tot Ion:138 Resp: 119993

Ion Ratio Lower Upper

138 100

92 49.7 26.8 66.8

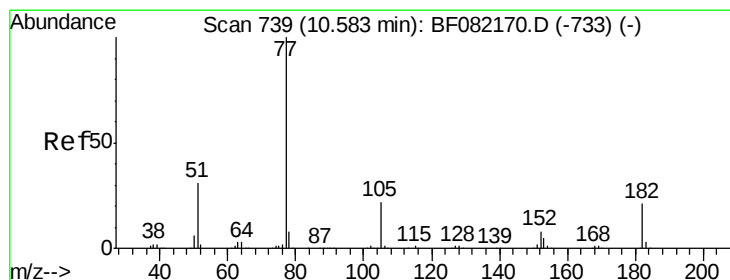
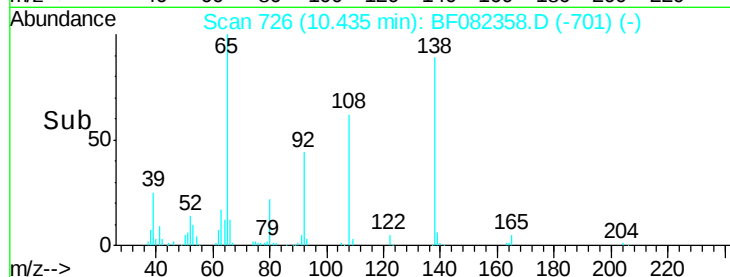
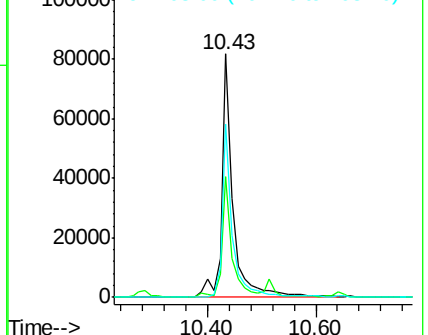
108 71.0 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.25 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Tgt Ion: 77 Resp: 550352

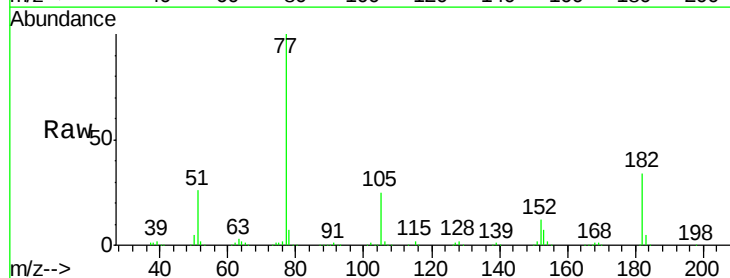
Ion Ratio Lower Upper

77 100

182 34.4 0.5 40.5

105 24.6 1.8 41.8

51 26.3 11.2 51.2

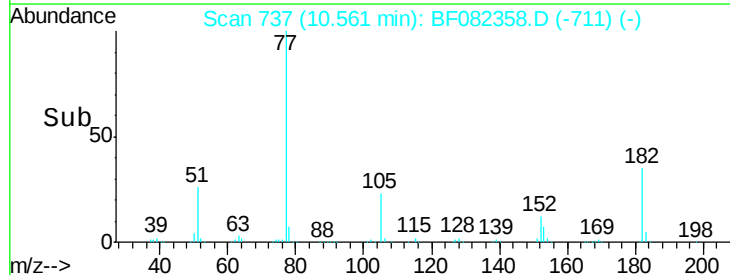
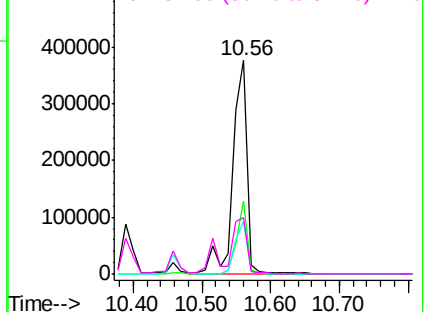


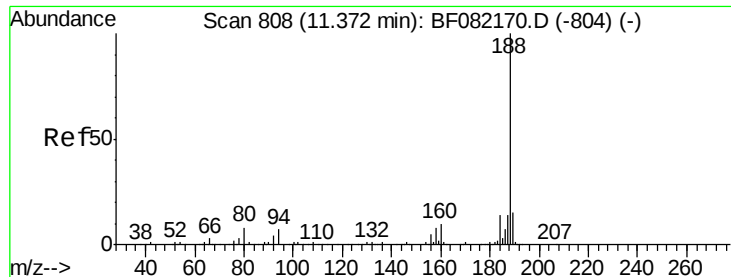
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

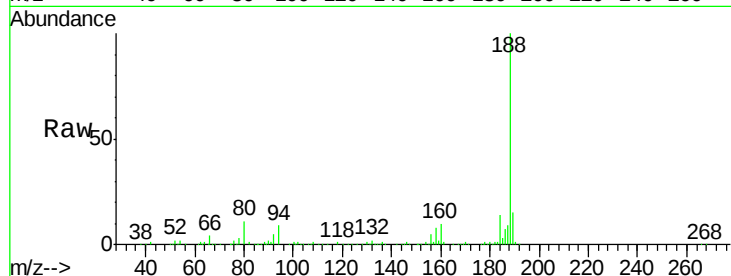
Tot Ion:188 Resp: 399897

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.6#

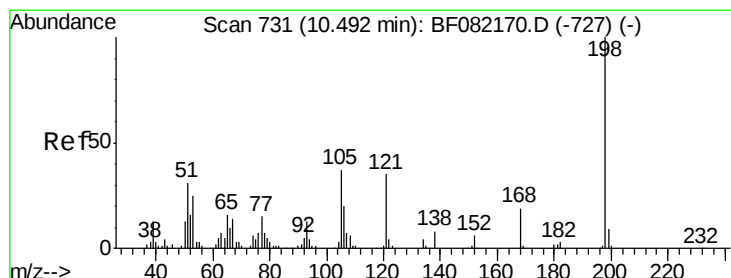
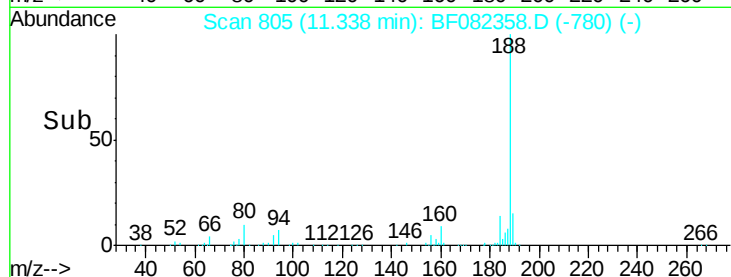
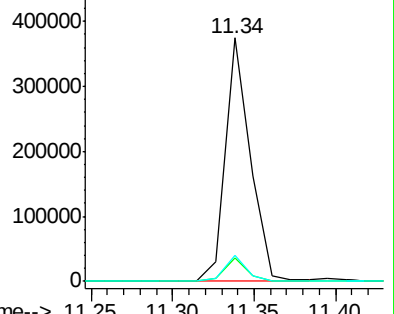
80 10.6 6.4 9.6#



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: 37.08 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

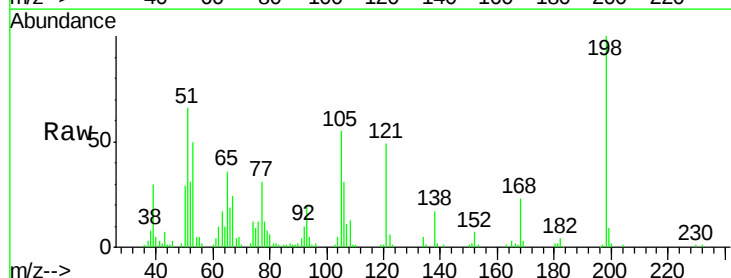
Tgt Ion:198 Resp: 83221

Ion Ratio Lower Upper

198 100

51 65.7 13.6 53.6#

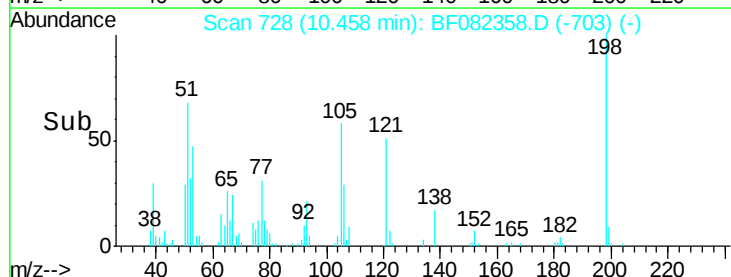
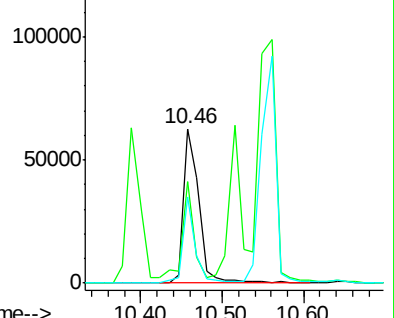
105 55.4 17.1 57.1

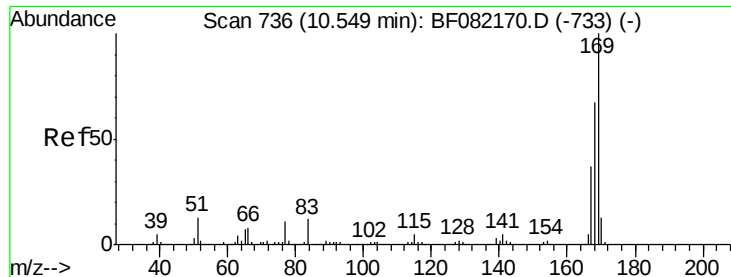


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.33 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

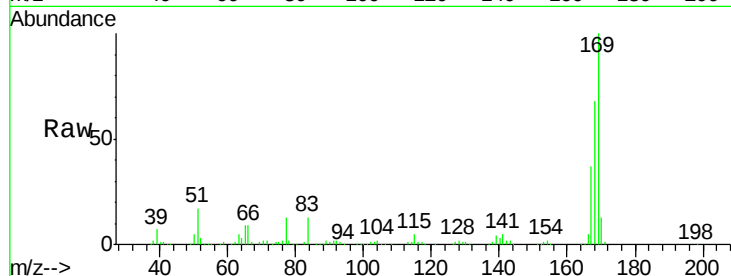
Tot Ion:169 Resp: 458944

Ion Ratio Lower Upper

169 100

168 67.9 54.0 81.0

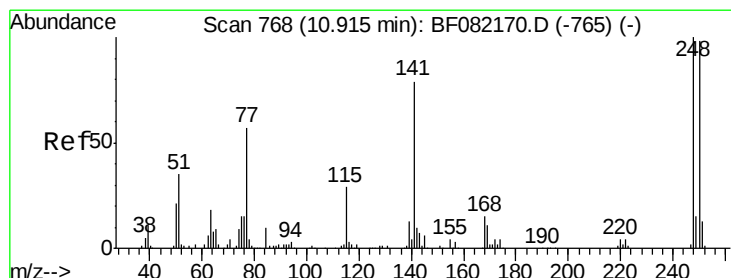
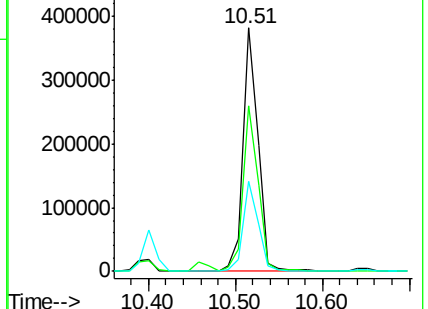
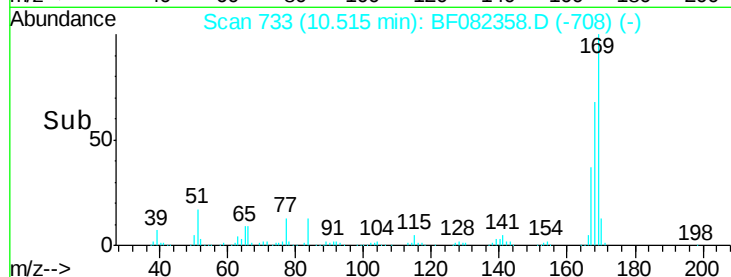
167 36.8 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.43 ng

RT: 10.89 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

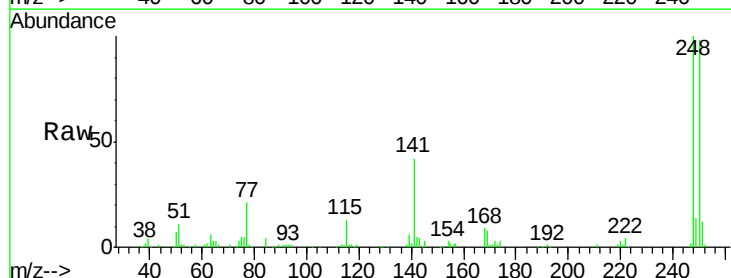
Tgt Ion:248 Resp: 149790

Ion Ratio Lower Upper

248 100

250 98.5 78.6 117.8

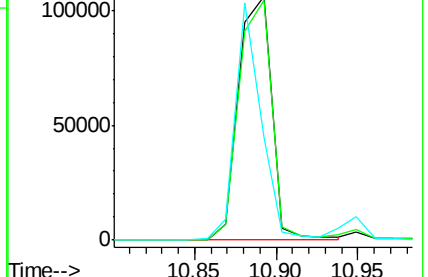
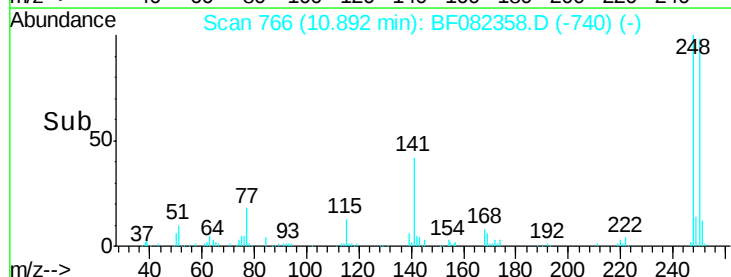
141 42.5 63.3 94.9#

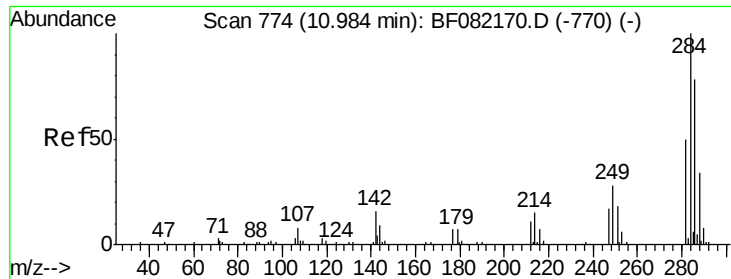


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

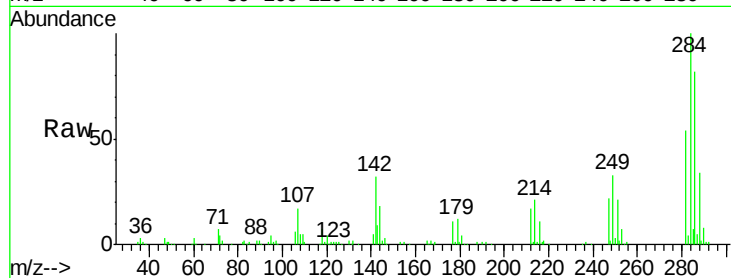




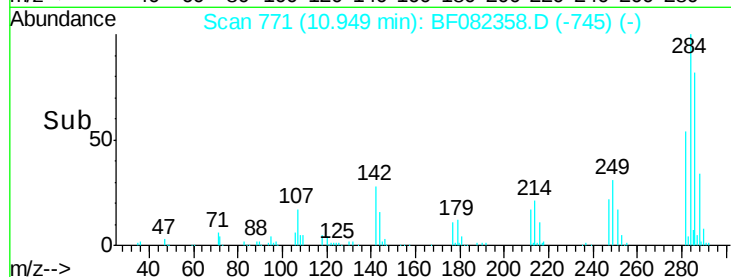
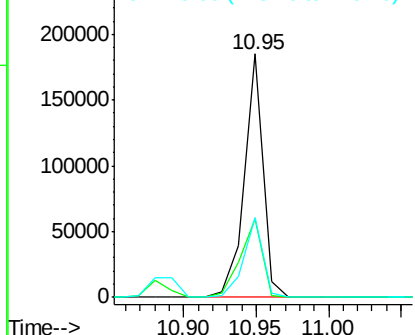
#67
Hexachlorobenzene
Concen: 38.28 ng
RT: 10.95 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion:284 Resp: 165704
Ion Ratio Lower Upper
284 100
142 32.0 13.0 19.6#
249 32.9 22.5 33.7

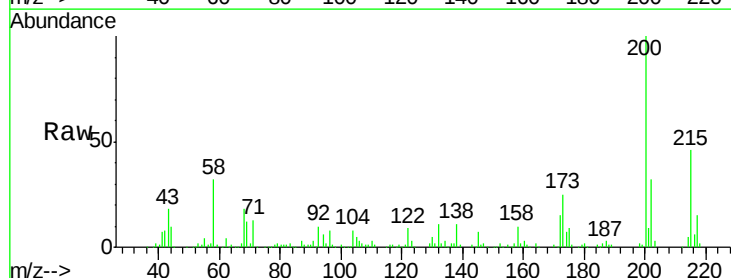


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

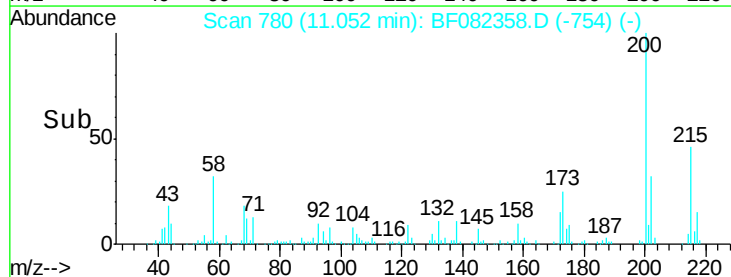
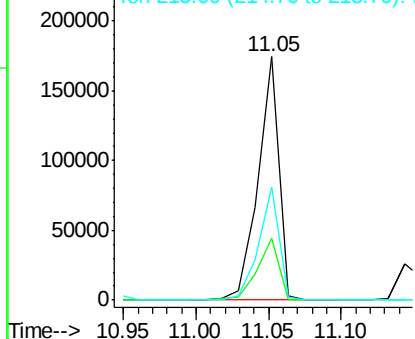


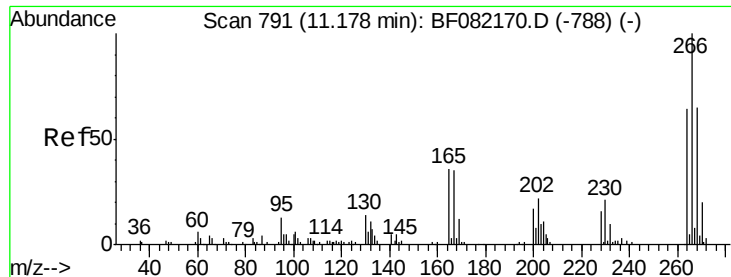
#68
Atrazine
Concen: 45.71 ng
RT: 11.05 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion:200 Resp: 173377
Ion Ratio Lower Upper
200 100
173 25.2 7.3 47.3
215 46.4 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

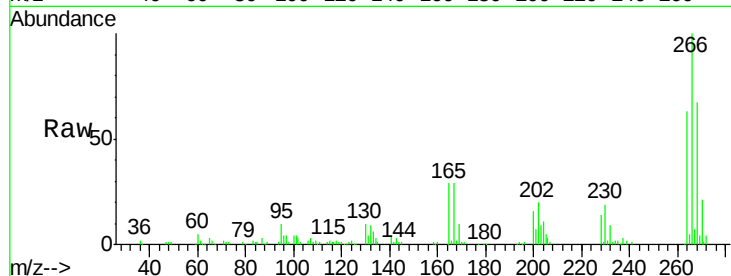




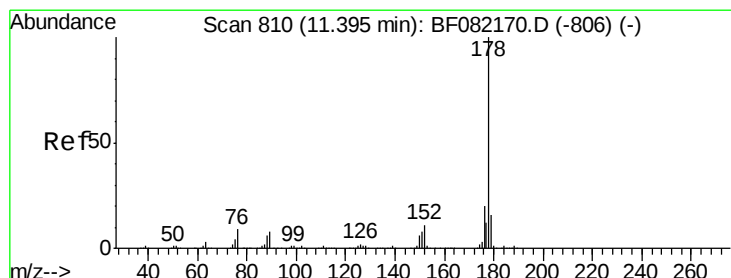
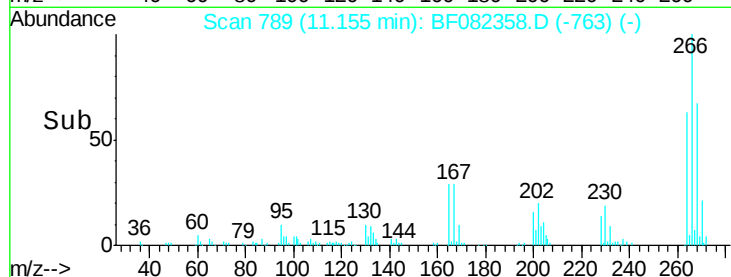
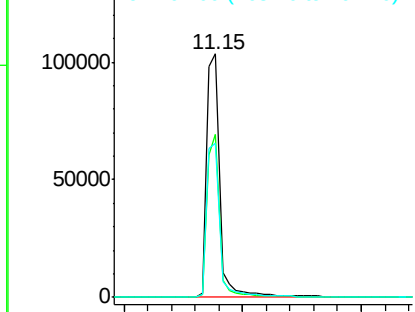
#69
 Pentachlorophenol
 Concen: 73.15 ng
 RT: 11.15 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion:266 Resp: 162922
 Ion Ratio Lower Upper
 266 100
 268 67.2 52.0 78.0
 264 63.1 51.4 77.0

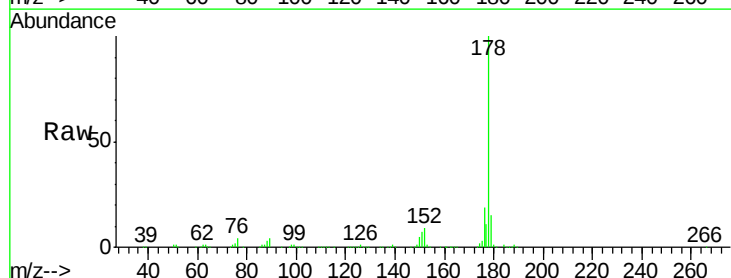


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

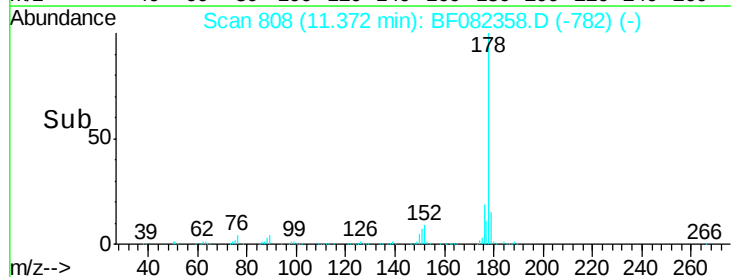
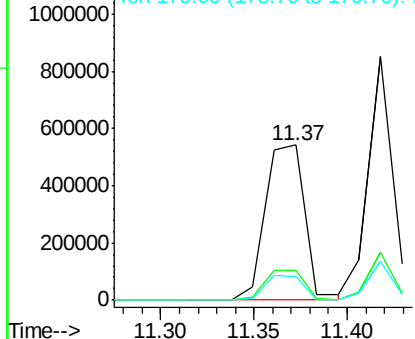


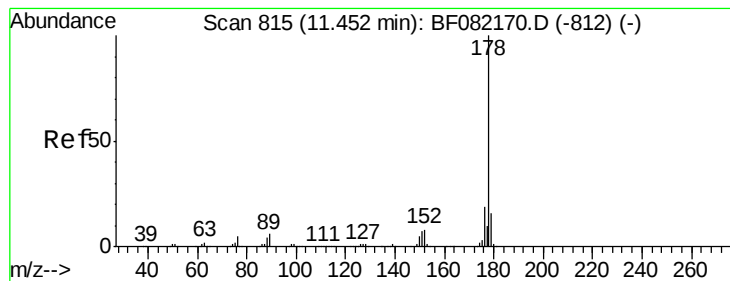
#70
 Phenanthrene
 Concen: 40.43 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion:178 Resp: 792460
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 15.2 12.6 19.0



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





#71

Anthracene

Concen: 39.97 ng

RT: 11.42 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

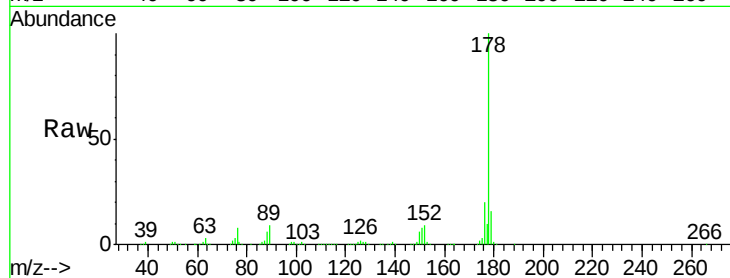
Tot Ion:178 Resp: 807257

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

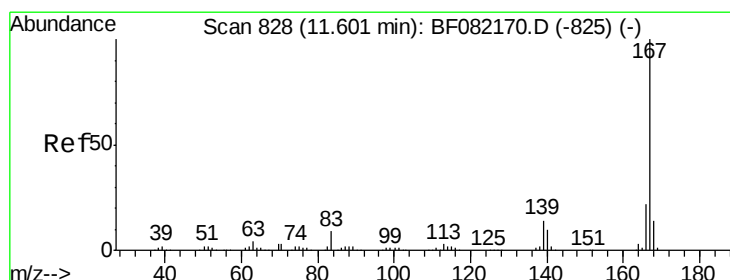
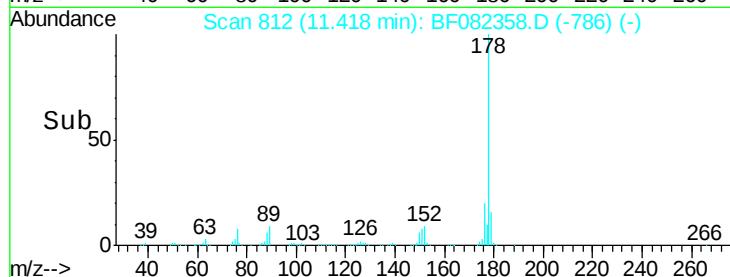
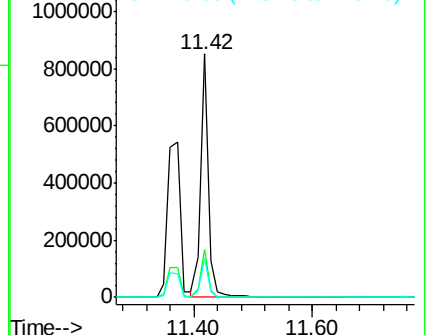
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.22 ng

RT: 11.58 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

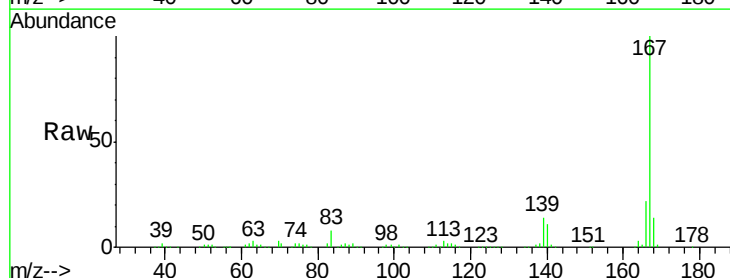
Tgt Ion:167 Resp: 704200

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

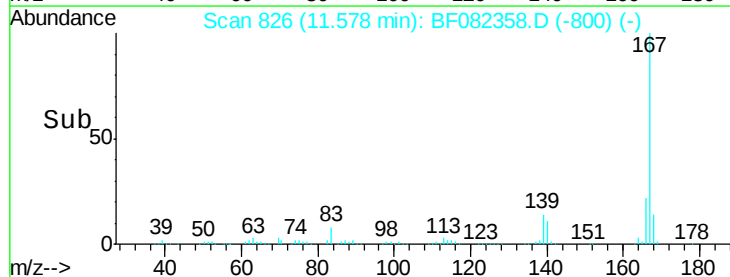
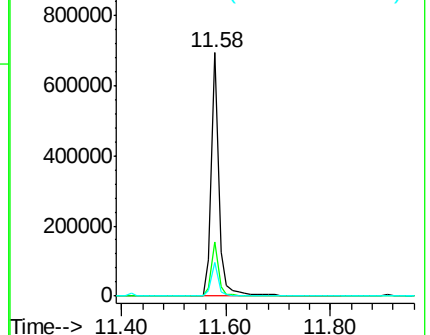
139 13.7 11.2 16.8

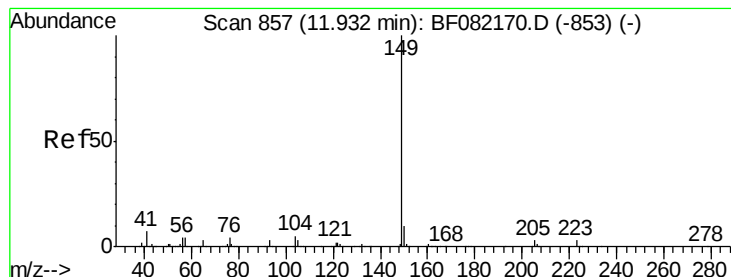


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.56 ng

RT: 11.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

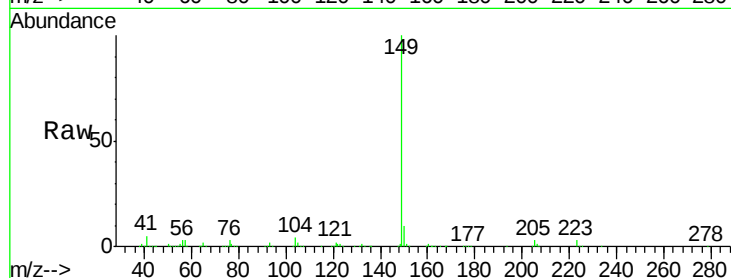
Tot Ion:149 Resp: 944787

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

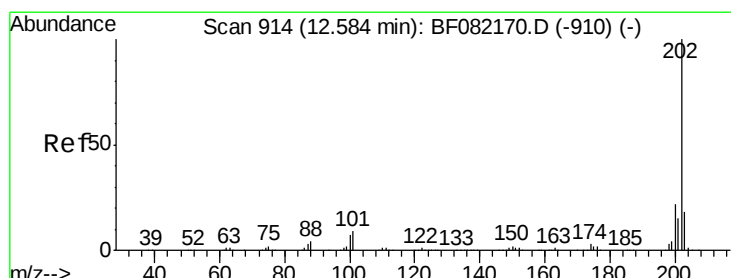
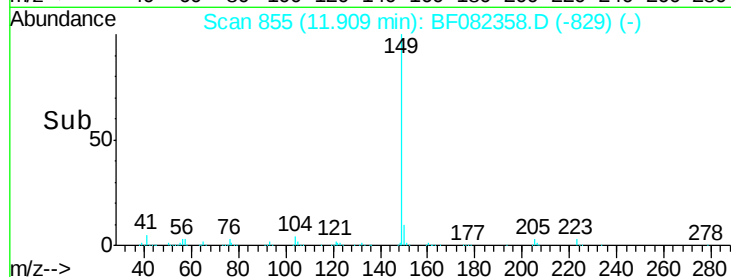
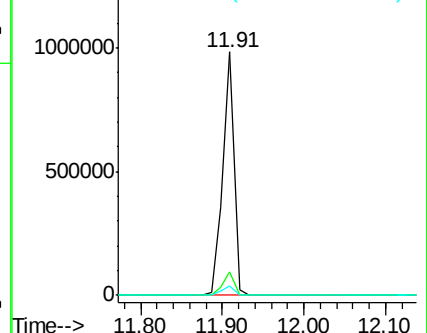
104 4.1 3.8 5.8



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: 41.77 ng

RT: 12.56 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

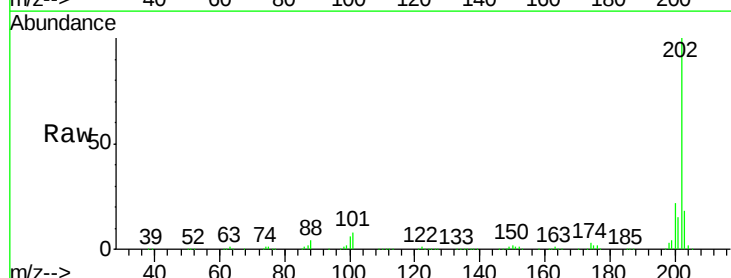
Tgt Ion:202 Resp: 879353

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.3

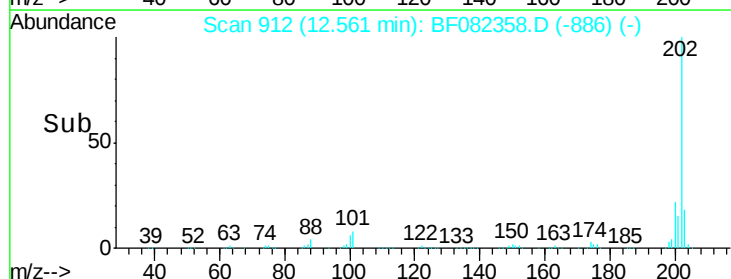
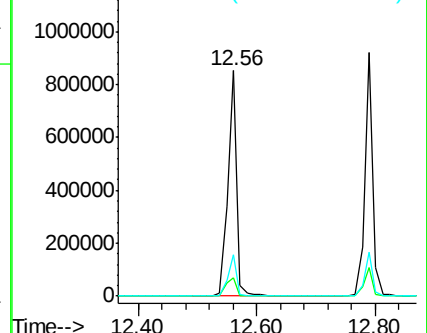
203 18.1 0.0 37.8

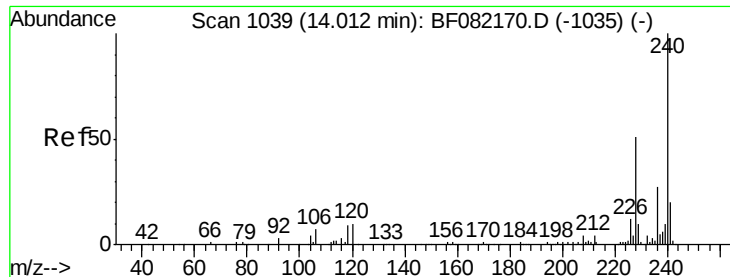


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

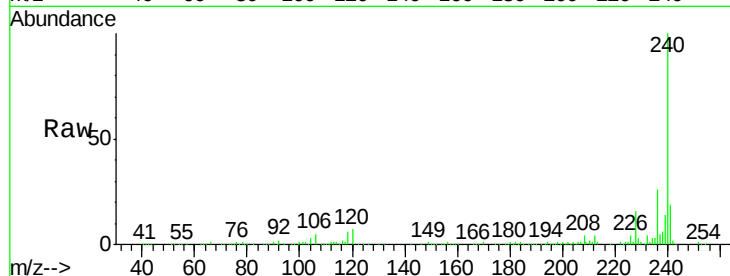
Tot Ion:240 Resp: 348320

Ion Ratio Lower Upper

240 100

120 6.9 8.1 12.1#

236 25.9 21.3 31.9



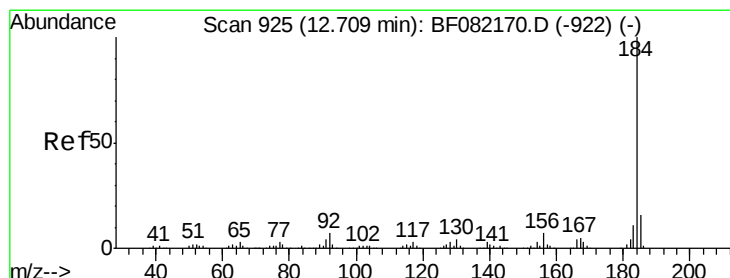
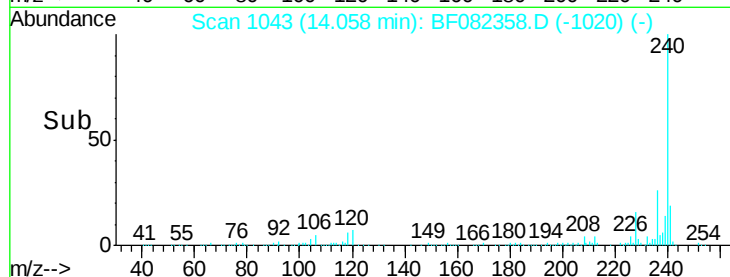
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.06

Time-->



#76

Benzidine

Concen: 30.49 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

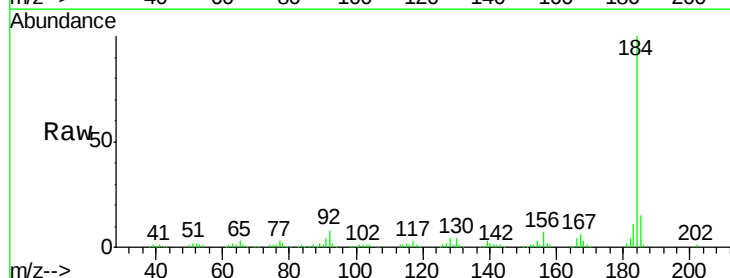
Tgt Ion:184 Resp: 307732

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

183 11.0 9.1 13.7



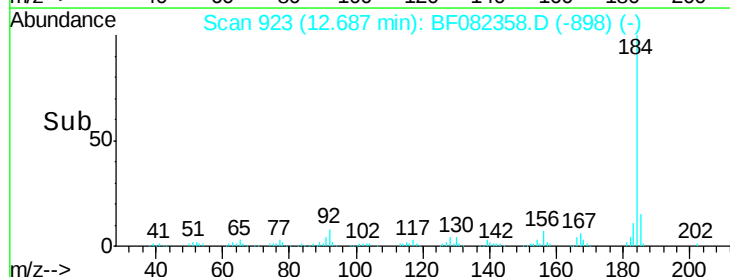
Abundance Ion 184.00 (183.70 to 184.70): E

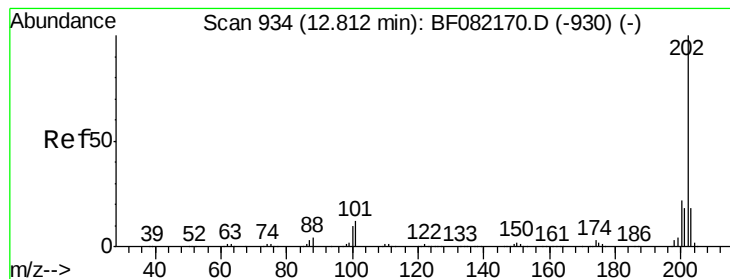
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.69

Time-->





#77

Pvrene

Concen: 41.09 ng

RT: 12.79 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

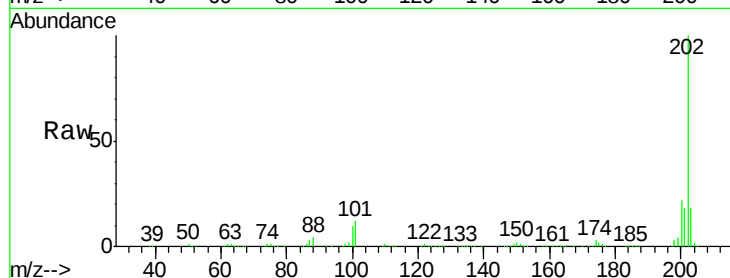
Tot Ion:202 Resp: 849443

Ion Ratio Lower Upper

202 100

200 22.2 17.9 26.9

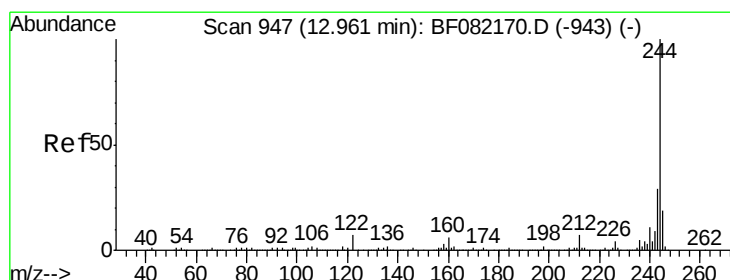
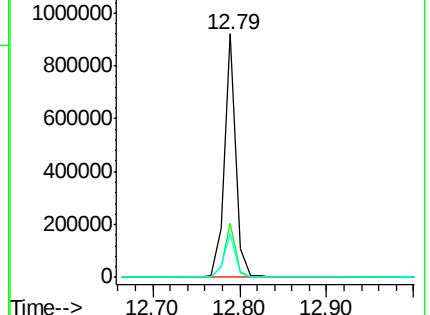
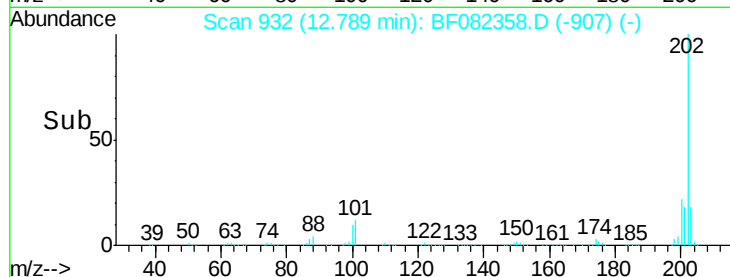
203 18.3 14.5 21.7



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: 74.63 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

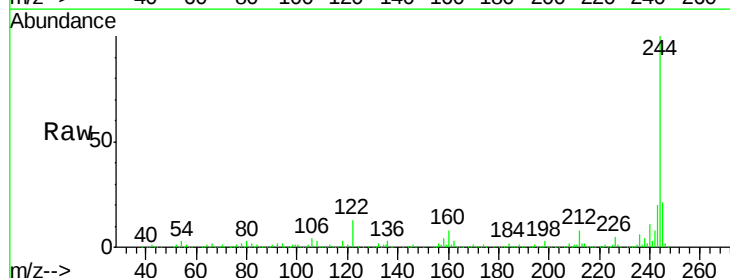
Tgt Ion:244 Resp: 981000

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

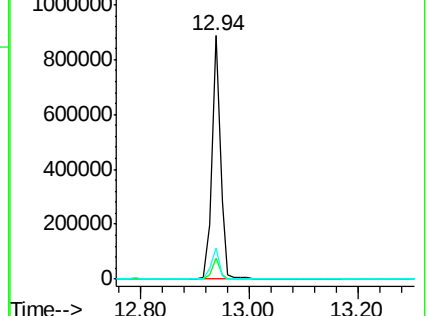
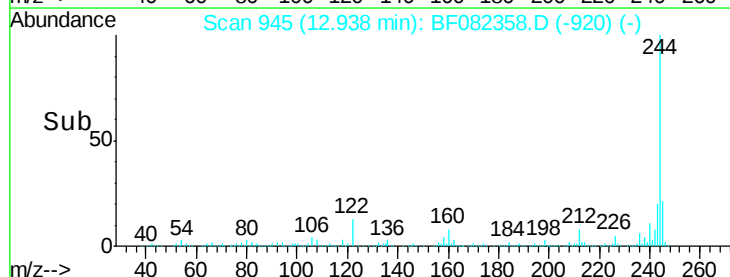
122 12.6 5.9 8.9#



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

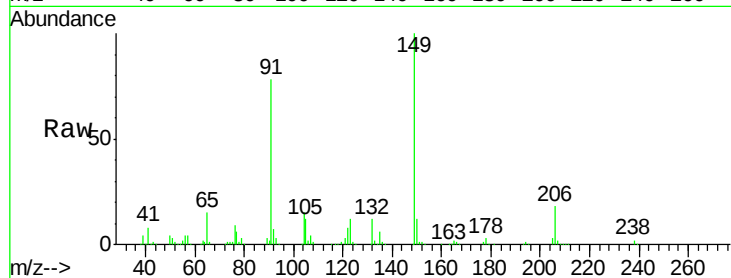




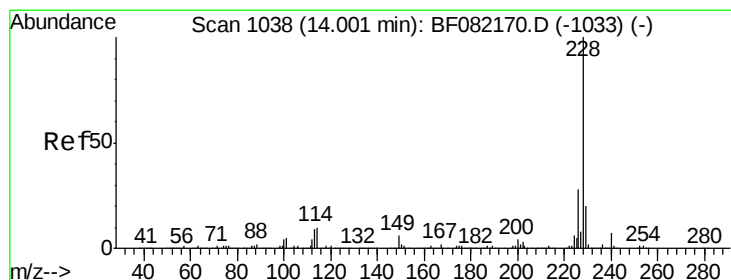
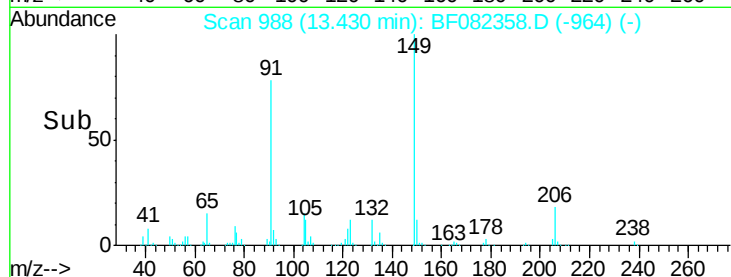
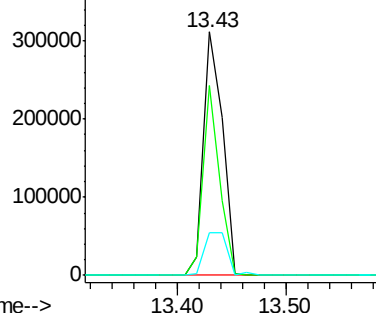
#79
Butylbenzylphthalate
Concen: 39.58 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB86165BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.1	55.7	83.5
206	17.6	15.6	23.4

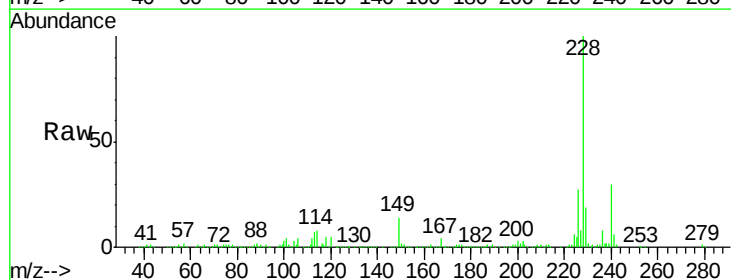


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

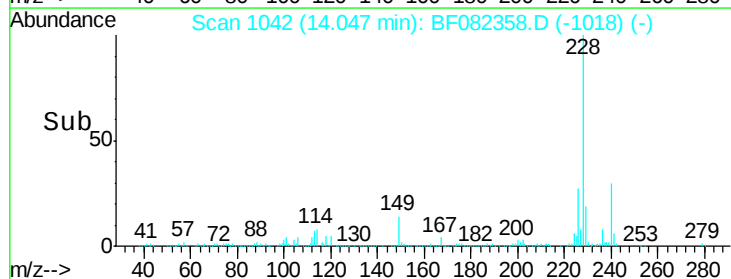
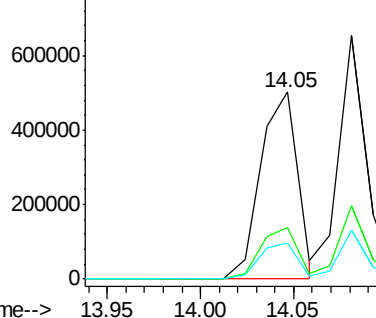


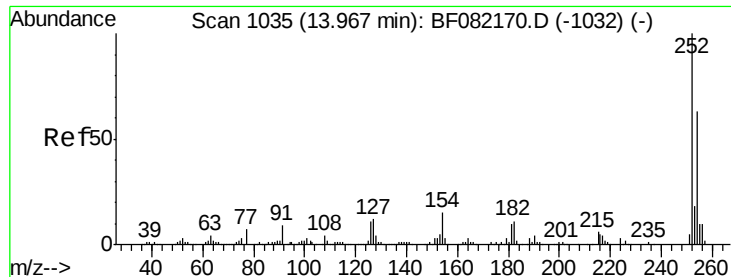
#80
Benzo(a)anthracene
Concen: 38.55 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.3	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

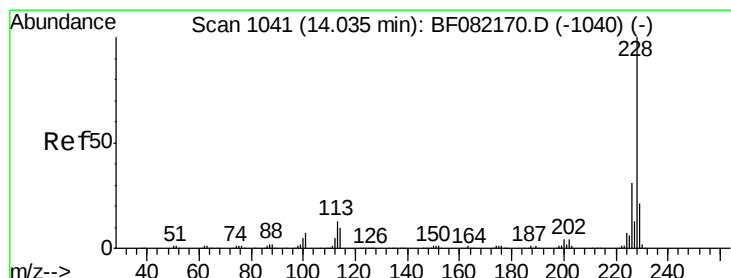
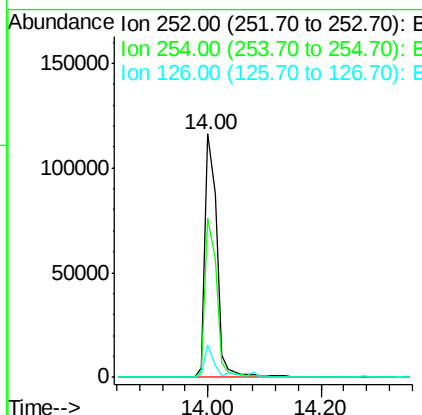
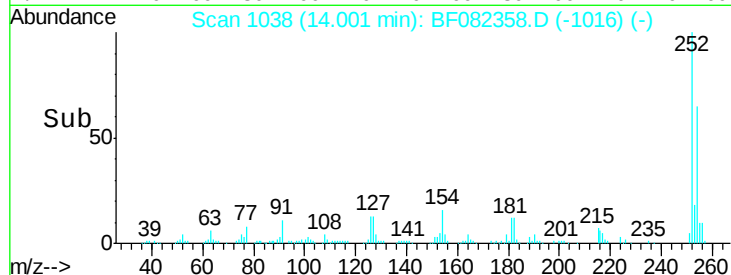
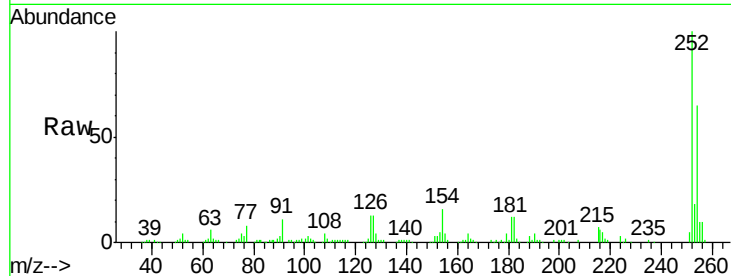




#81
 3,3'-Dichlorobenzidine
 Concen: 23.44 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

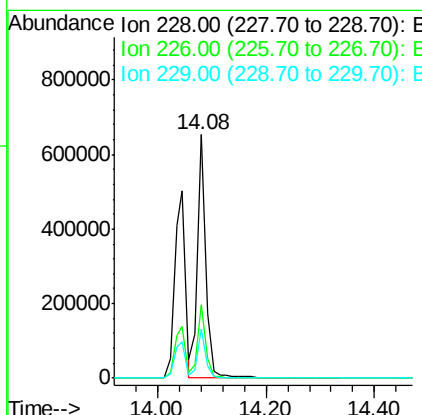
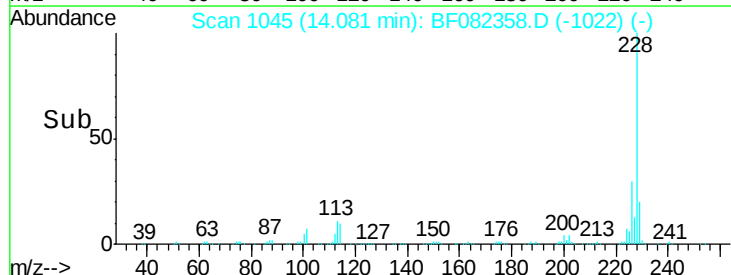
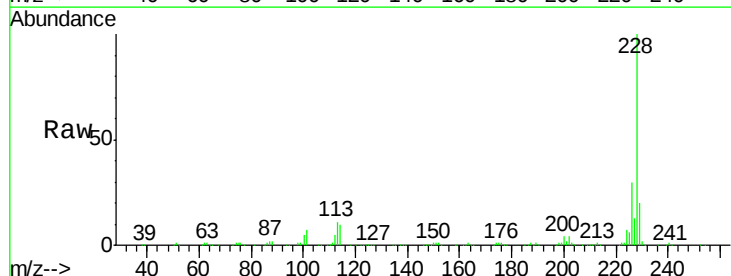
Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

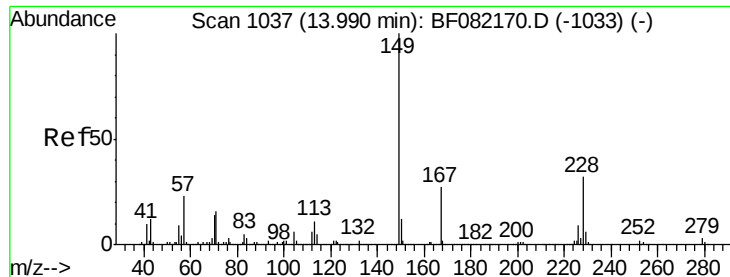
Tot Ion:252 Resp: 161277
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 13.1 9.0 13.6



#82
 Chrysene
 Concen: 35.99 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion:228 Resp: 687219
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.4 36.6
 229 20.2 16.3 24.5

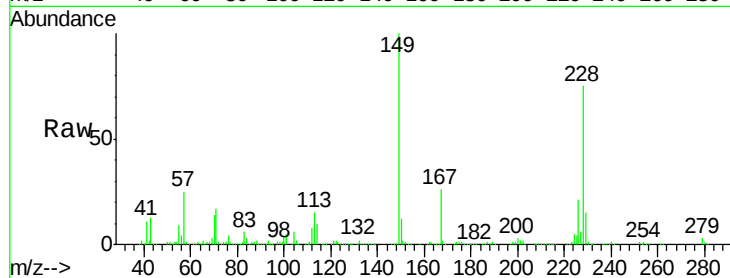




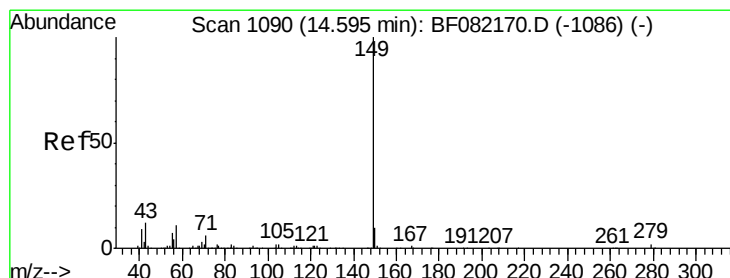
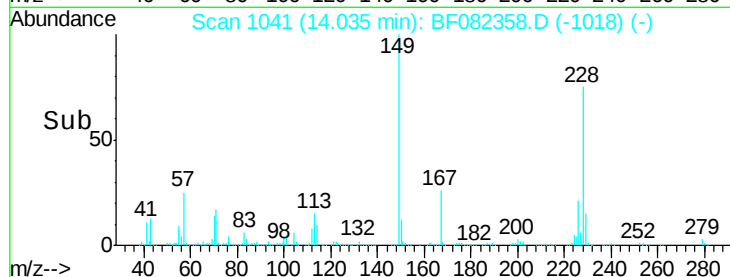
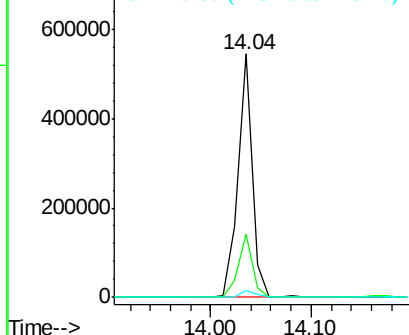
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.99 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86165BS

Tot Ion:149 Resp: 538273
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.0 2.6 4.0

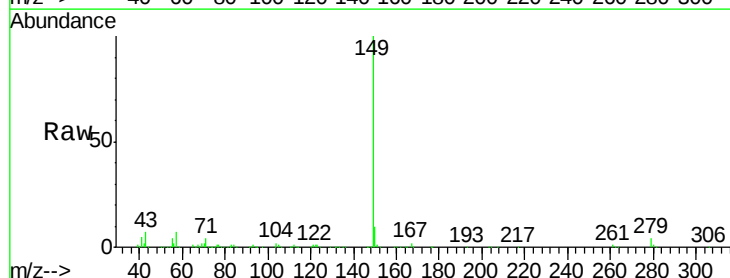


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

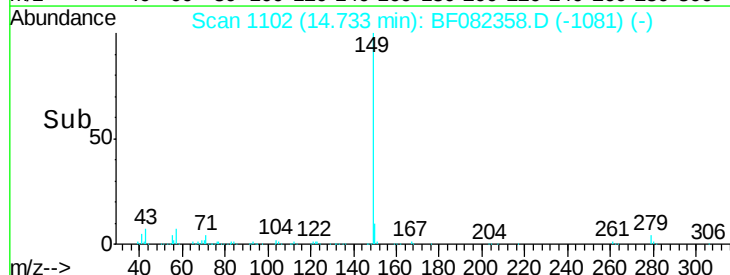
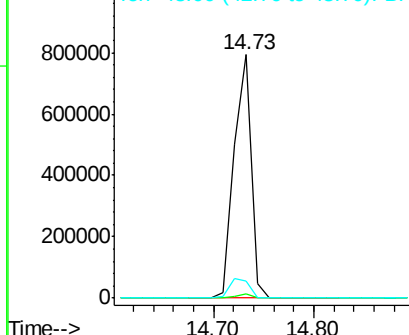


#84
 Di-n-octyl phthalate
 Concen: 40.56 ng
 RT: 14.73 min Scan# 1102
 Delta R.T. -0.06 min
 Lab File: BF082358.D
 Acq: 19 Oct 2015 16:28

Tgt Ion:149 Resp: 937554
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.2 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

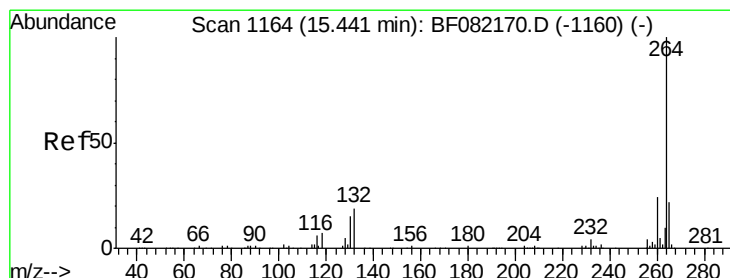
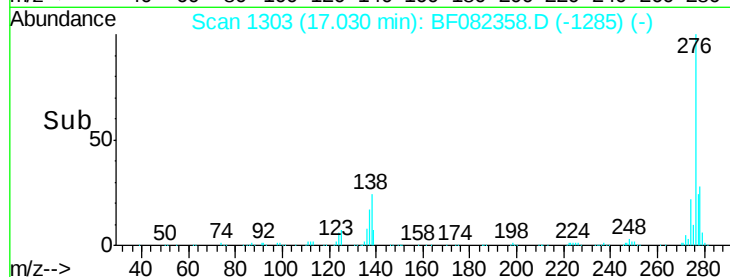
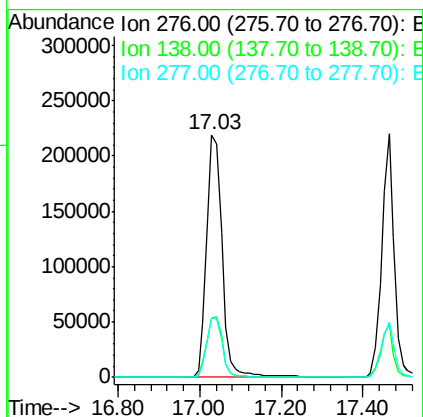
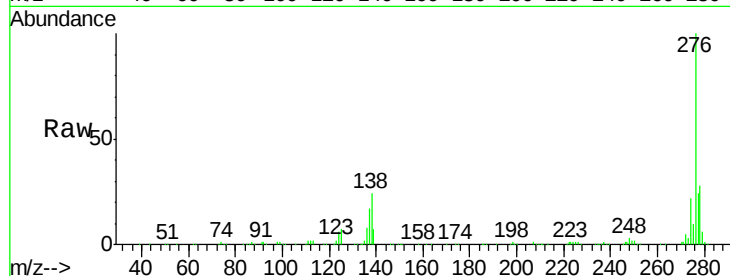




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 17.03 min Scan# 1303
Delta R.T. -0.09 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

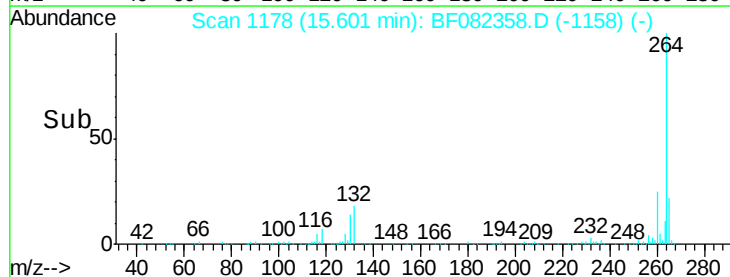
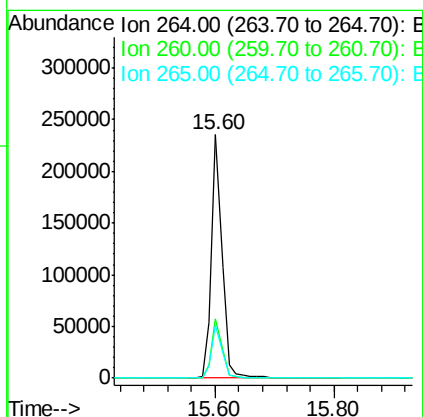
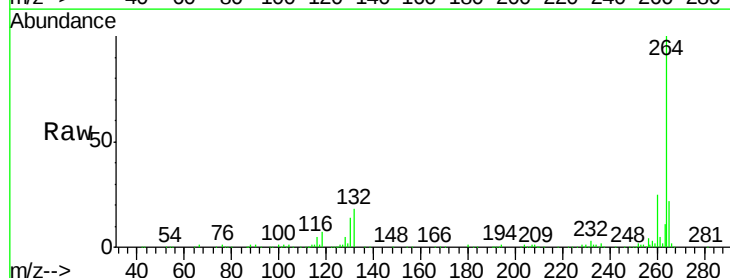
Instrument :
BNA_F
ClientSampleId :
PB86165BS

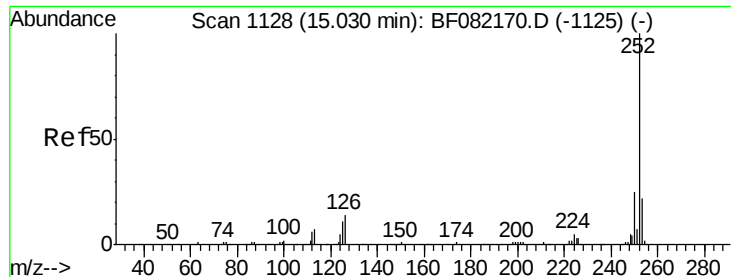
Tot Ion:276 Resp: 591944
Ion Ratio Lower Upper
276 100
138 25.9 19.7 29.5
277 24.7 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1178
Delta R.T. -0.07 min
Lab File: BF082358.D
Acq: 19 Oct 2015 16:28

Tgt Ion:264 Resp: 294221
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.24 ng

RT: 15.19 min Scan# 1142

Delta R.T. -0.06 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

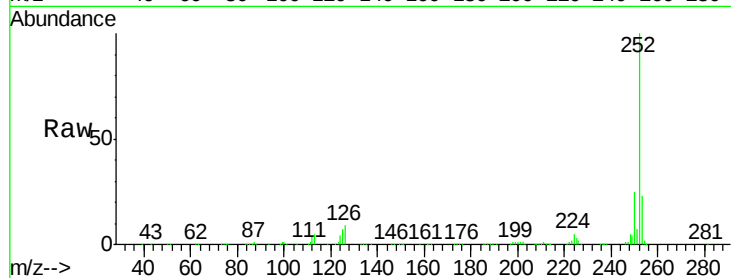
Tot Ion:252 Resp: 702346

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

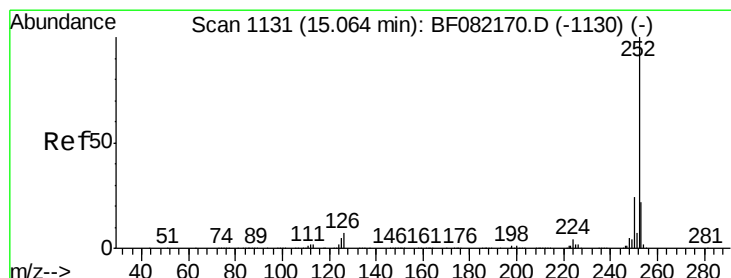
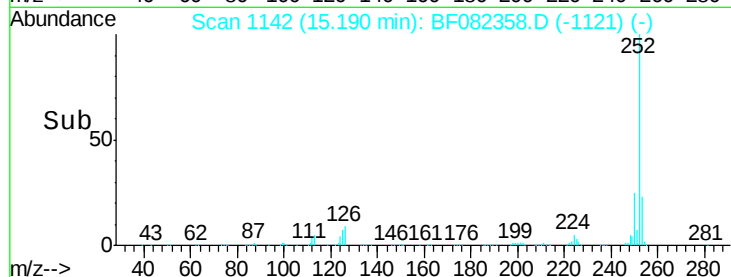
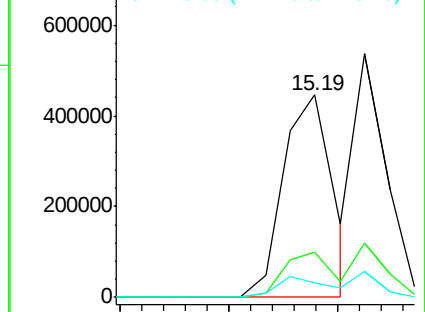
125 7.2 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.68 ng

RT: 15.19 min Scan# 1142

Delta R.T. -0.09 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

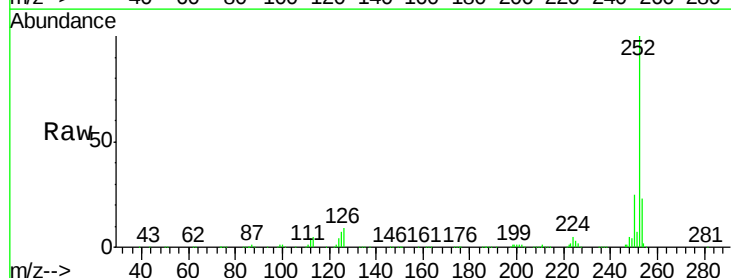
Tgt Ion:252 Resp: 702346

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

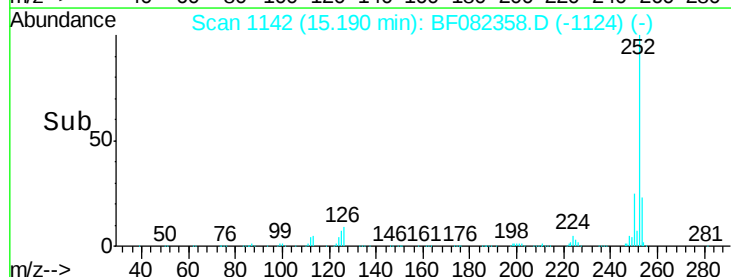
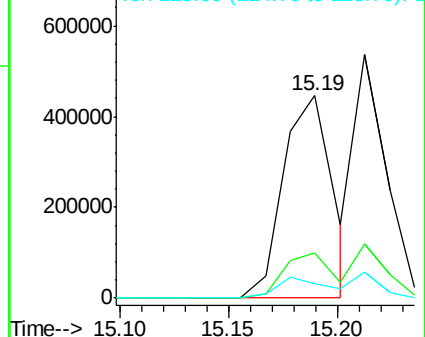
125 7.2 6.7 10.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.49 ng

RT: 15.54 min Scan# 1173

Delta R.T. -0.07 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

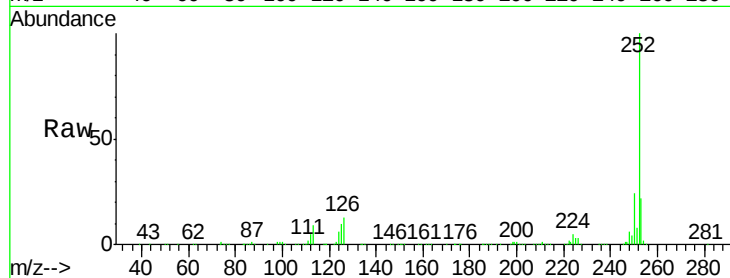
Tot Ion:252 Resp: 607462

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

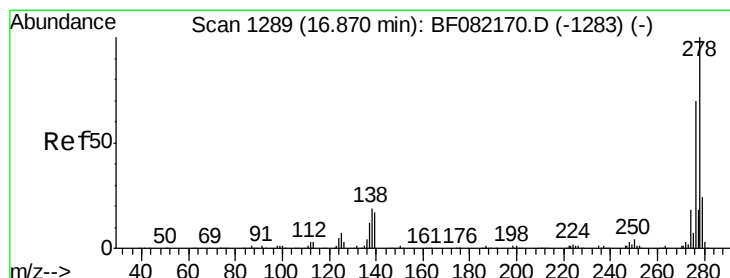
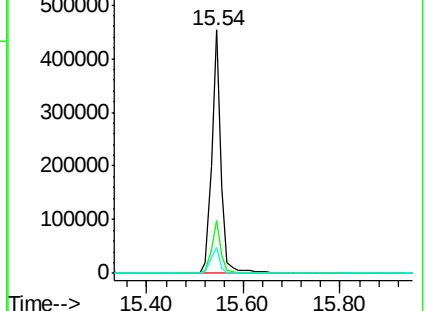
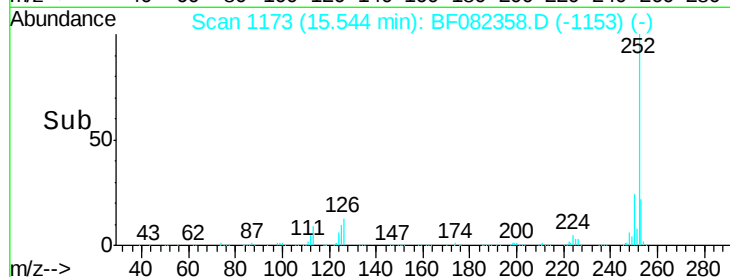
125 10.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.80 ng

RT: 17.05 min Scan# 1305

Delta R.T. -0.08 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

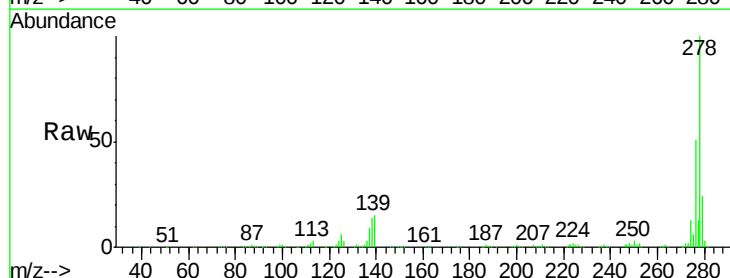
Tgt Ion:278 Resp: 489149

Ion Ratio Lower Upper

278 100

139 15.0 13.3 19.9

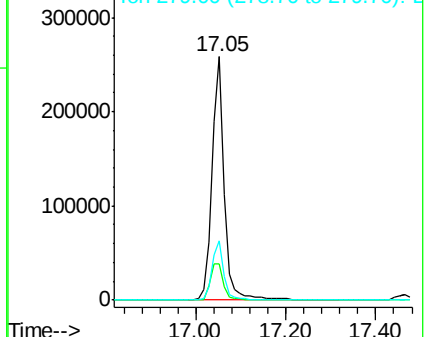
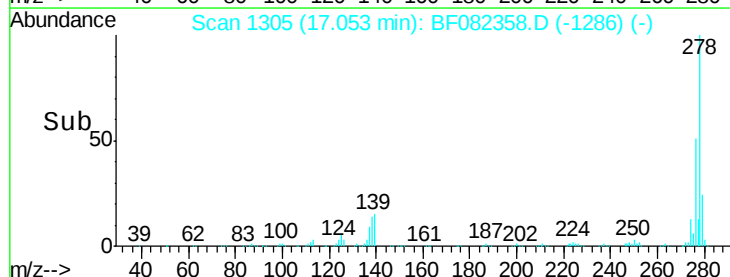
279 24.4 18.9 28.3

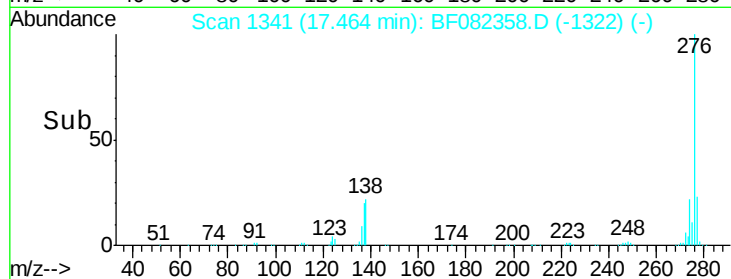
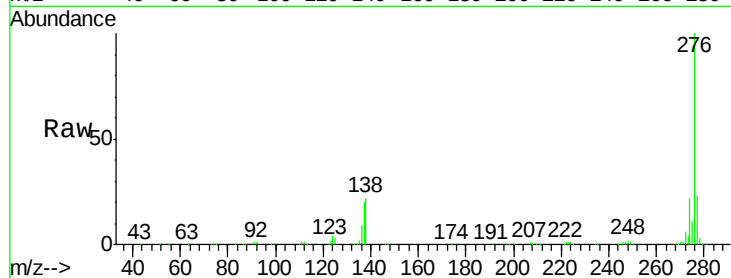
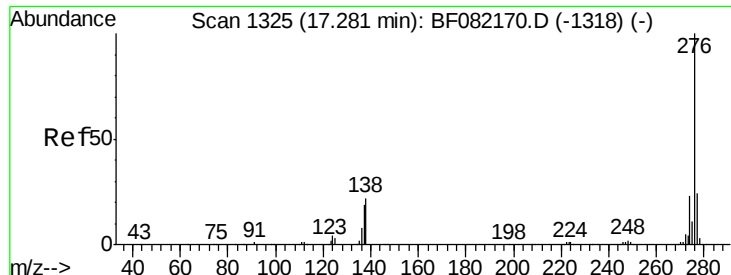


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.03 ng

RT: 17.46 min Scan# 1341

Delta R.T. -0.08 min

Lab File: BF082358.D

Acq: 19 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB86165BS

Tot Ion:276 Resp: 477985

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 21.7 17.4 26.2

