

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082328.D
 Acq On : 16 Oct 2015 16:23
 Operator : UM/IZ
 Sample : G4051-02MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK1-1-20151015MS

Quant Time: Oct 17 01:13:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	53162	20.00	ng	0.03
21) Naphthalene-d8	8.16	136	236964	20.00	ng	0.03
38) Acenaphthene-d10	9.91	164	126001	20.00	ng	0.02
63) Phenanthrene-d10	11.39	188	273091	20.00	ng	0.02
75) Chrysene-d12	14.13	240	265958	20.00	ng	0.06
86) Perylene-d12	15.70	264	227615	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	31106	11.81	ng	0.05
7) Phenol-d6	6.51	99	42849	12.50	ng	0.03
23) Nitrobenzene-d5	7.44	82	25911	7.34	ng	0.02
41) 2,4,6-Tribromophenol	10.71	330	15332	12.98	ng	0.02
44) 2-Fluorobiphenyl	9.23	172	67179	8.84	ng	0.02
78) Terphenyl-d14	13.00	244	87474	8.72	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	5195	3.93	ng	# 80
3) Pyridine	3.27	79	6492	2.11	ng	# 85
8) 2-Chlorophenol	6.66	128	11709	3.64	ng	94
9) Benzaldehyde	6.42	77	4259	2.43	ng	100
10) Phenol	6.53	94	14541	3.68	ng	91
11) bis(2-Chloroethyl)ether	6.61	93	11677	3.49	ng	99
12) 1,3-Dichlorobenzene	6.81	146	14233	3.80	ng	96
13) 1,4-Dichlorobenzene	6.89	146	14387	3.68	ng	99
14) 1,2-Dichlorobenzene	7.04	146	15350	4.13	ng	93
15) Benzyl Alcohol	7.02	79	8909	3.76	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	19040	4.09	ng	91
17) 2-Methylphenol	7.13	107	9622	3.78	ng	# 90
18) Hexachloroethane	7.38	117	4933	3.69	ng	89
19) n-Nitroso-di-n-propylamine	7.28	70	8874	3.69	ng	# 89
20) 3+4-Methylphenols	7.29	107	13459	4.44	ng	# 83
22) Acetophenone	7.28	105	16607	3.54	ng	# 93
24) Nitrobenzene	7.45	77	12049	3.15	ng	# 89
25) Isophorone	7.69	82	27233	3.82	ng	96
26) 2-Nitrophenol	7.78	139	4841	2.54	ng	97
27) 2,4-Dimethylphenol	7.82	122	11278	3.67	ng	94
28) bis(2-Chloroethoxy)methane	7.91	93	15058	3.63	ng	97
29) 2,4-Dichlorophenol	8.03	162	10739	3.50	ng	95
30) 1,2,4-Trichlorobenzene	8.10	180	11707	3.31	ng	94
31) Naphthalene	8.18	128	44229	4.31	ng	97
32) Benzoic acid	7.82	122	11278	5.47	ng	# 14
34) Hexachlorobutadiene	8.30	225	7263	3.29	ng	97
35) Caprolactam	8.56	113	3508	3.94	ng	# 89
36) 4-Chloro-3-methylphenol	8.72	107	11487	3.82	ng	85
37) 2-Methylnaphthalene	8.87	142	29574	4.15	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	12897	3.44	ng	96
40) Hexachlorocyclopentadiene	9.02	237	643	8.61	ng	90
42) 2,4,6-Trichlorophenol	9.15	196	8575	3.44	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	10095	3.74	ng	95
45) 1,1'-Biphenyl	9.34	154	34274	3.57	ng	96

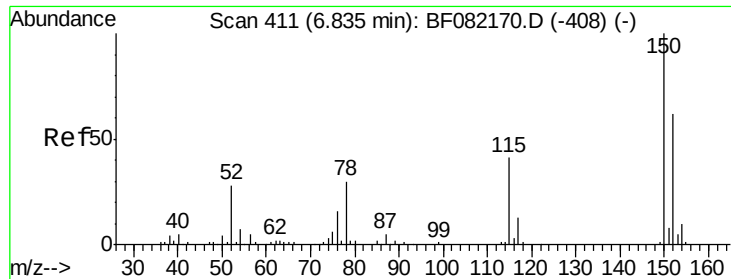
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082328.D
 Acq On : 16 Oct 2015 16:23
 Operator : UM/IZ
 Sample : G4051-02MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK1-1-20151015MS

Quant Time: Oct 17 01:13:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.36	162	28734	3.80	nq	97
47) 2-Nitroaniline	9.46	65	6692	3.22	nq	91
48) Acenaphthylene	9.77	152	63601	5.40	nq	98
49) Dimethylphthalate	9.63	163	43971	4.96	nq	# 97
50) 2,6-Dinitrotoluene	9.70	165	5800	3.10	nq	90
51) Acenaphthene	9.94	154	34543	4.88	nq	97
52) 3-Nitroaniline	9.89	138	5224	2.47	nq	# 94
54) Dibenzofuran	10.11	168	49437	5.09	nq	99
55) 4-Nitrophenol	10.11	139	28189	25.98	nq	# 19
56) 2,4-Dinitrotoluene	10.10	165	8381	3.58	nq	# 95
57) Fluorene	10.46	166	41582	5.21	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	8639	3.92	nq	# 93
59) Diethylphthalate	10.33	149	33672	4.07	nq	96
60) 4-Chlorophenyl-phenylether	10.46	204	13913	3.81	nq	# 82
61) 4-Nitroaniline	10.50	138	5920	2.89	nq	97
62) Azobenzene	10.61	77	31832	3.93	nq	98
65) n-Nitrosodiphenylamine	10.57	169	29565	3.62	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	8172	2.99	nq	# 84
67) Hexachlorobenzene	11.01	284	10954	3.71	nq	# 84
68) Atrazine	11.10	200	10251	3.96	nq	97
69) Pentachlorophenol	11.21	266	8293	5.45	nq	97
70) Phenanthrene	11.43	178	204409	15.27	nq	97
71) Anthracene	11.47	178	95482	6.92	nq	98
72) Carbazole	11.63	167	64611	5.13	nq	98
73) Di-n-butylphthalate	11.96	149	54853	3.53	nq	99
74) Fluoranthene	12.62	202	308939	21.49	nq	99
77) Pyrene	12.85	202	273492	17.33	nq	98
79) Butylbenzylphthalate	13.50	149	25355	3.52	nq	# 85
80) Benzo(a)anthracene	14.12	228	148353	10.72	nq	99
82) Chrysene	14.15	228	134116	9.20	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	68888	6.70	nq	99
84) Di-n-octyl phthalate	14.80	149	58084	3.29	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.17	276	95992	8.28	nq	98
87) Benzo(b)fluoranthene	15.27	252	239901	17.32	nq	98
88) Benzo(k)fluoranthene	15.27	252	239901	20.61	nq	99
89) Benzo(a)pyrene	15.64	252	117996	9.91	nq	99
90) Dibenzo(a,h)anthracene	17.18	278	48526	4.98	nq	99
91) Benzo(g,h,i)perylene	17.60	276	93559	9.87	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

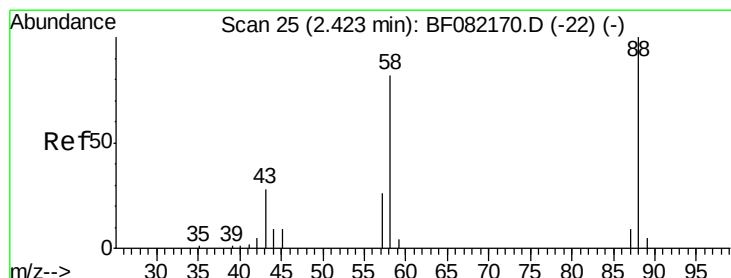
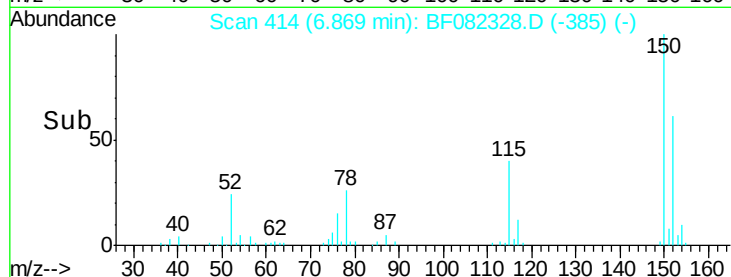
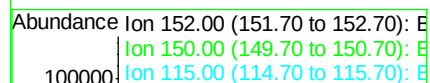
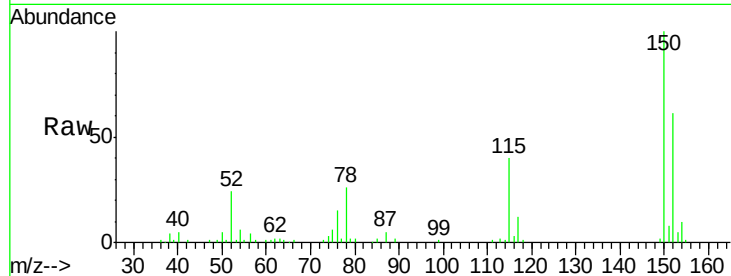
Tot Ion:152 Resp: 53162

Ion Ratio Lower Upper

152 100

150 162.6 129.0 193.4

115 64.4 52.1 78.1



#2

1,4-Dioxane

Concen: 3.93 ng

RT: 2.42 min Scan# 25

Delta R.T. 0.07 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

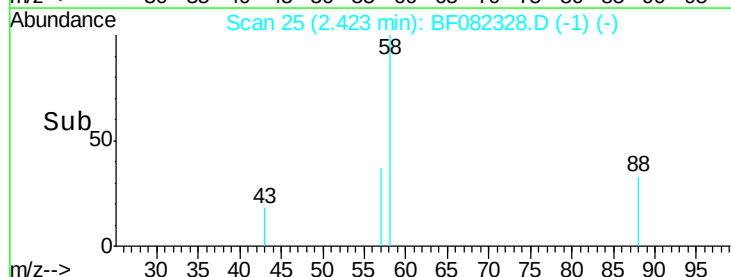
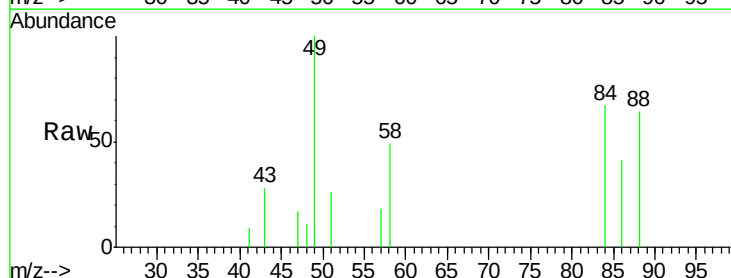
Tgt Ion: 88 Resp: 5195

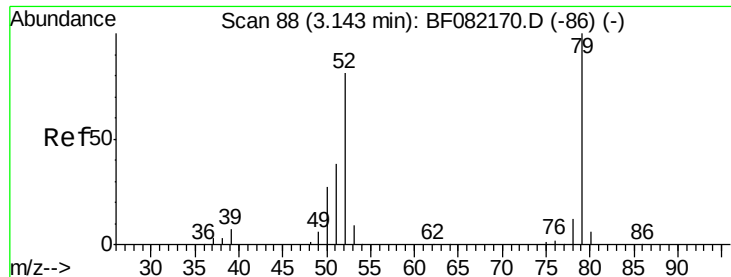
Ion Ratio Lower Upper

88 100

58 62.7 66.2 99.4#

43 20.7 23.0 34.4#





#3

Pvridine

Concen: 2.11 ng

RT: 3.27 min Scan# 99

Delta R.T. 0.17 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

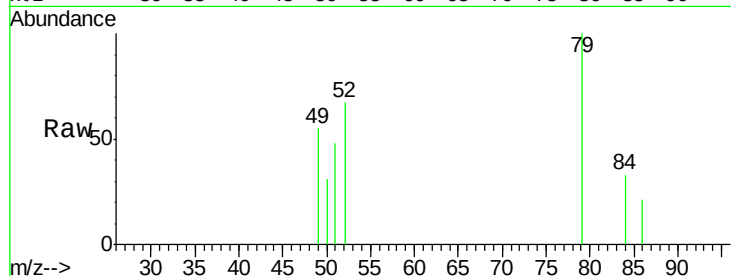
Tot Ion: 79 Resp: 6492

Ion Ratio Lower Upper

79 100

52 67.5 64.4 96.6

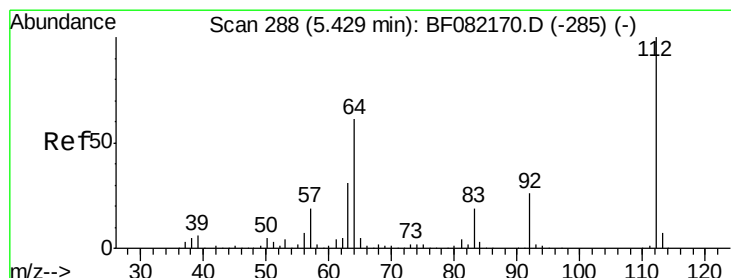
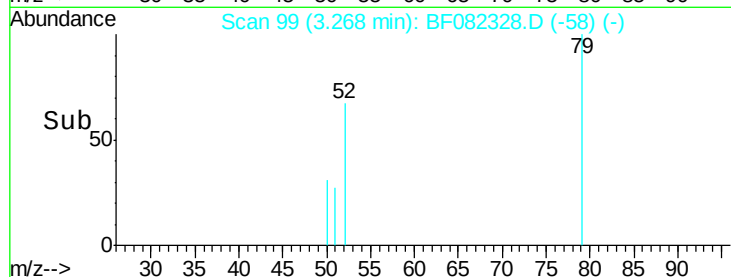
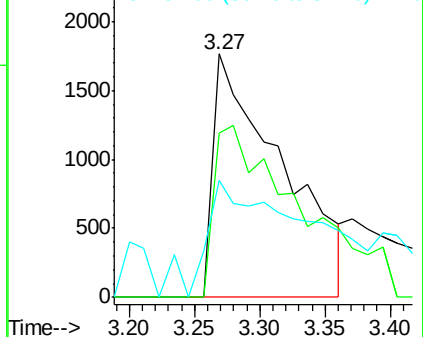
51 48.2 30.5 45.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#5

2-Fluorophenol

Concen: 11.81 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.05 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

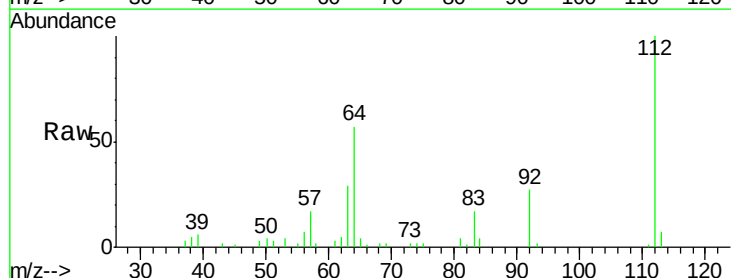
Tgt Ion: 112 Resp: 31106

Ion Ratio Lower Upper

112 100

64 56.9 48.6 73.0

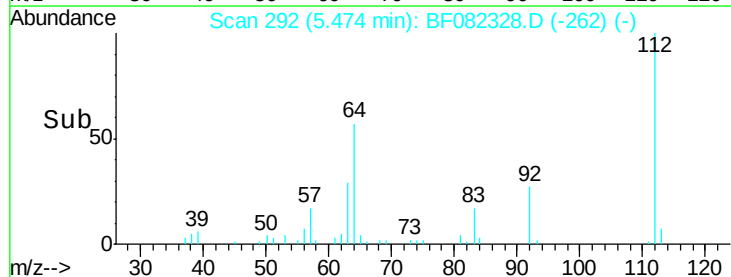
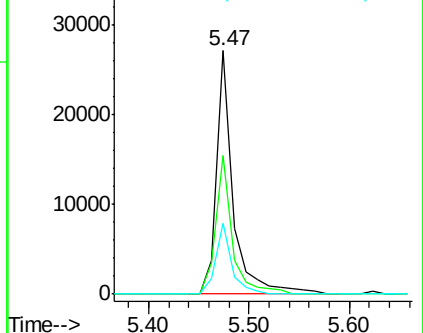
63 29.1 25.1 37.7

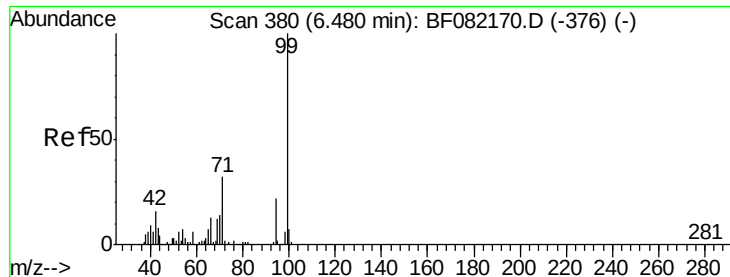


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.50 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

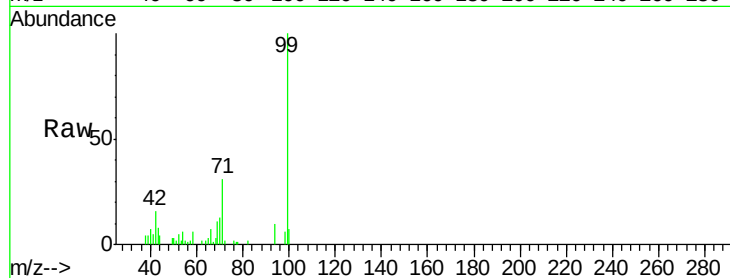
Tot Ion: 99 Resp: 42849

Ion Ratio Lower Upper

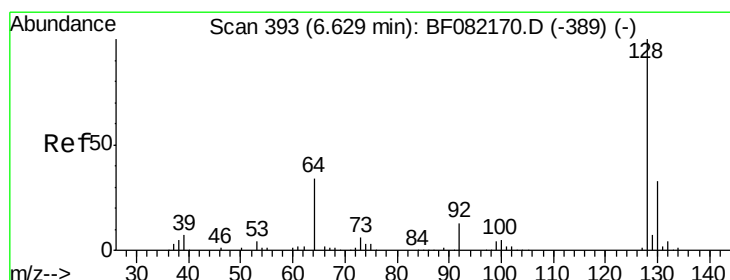
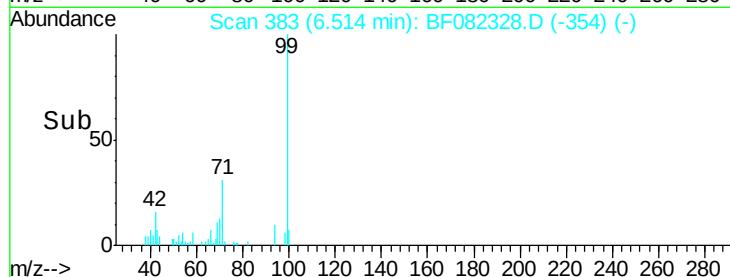
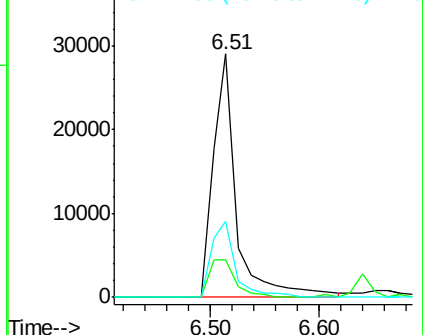
99 100

42 15.5 13.2 19.8

71 31.4 25.6 38.4



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



#8

2-Chlorophenol

Concen: 3.64 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

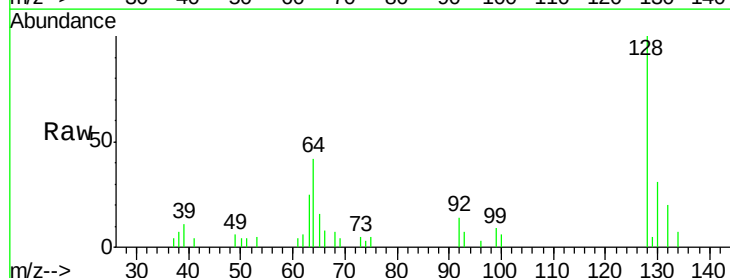
Tgt Ion: 128 Resp: 11709

Ion Ratio Lower Upper

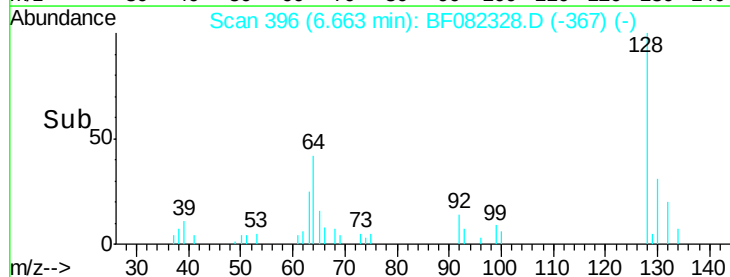
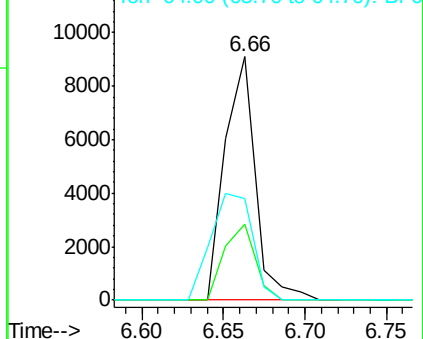
128 100

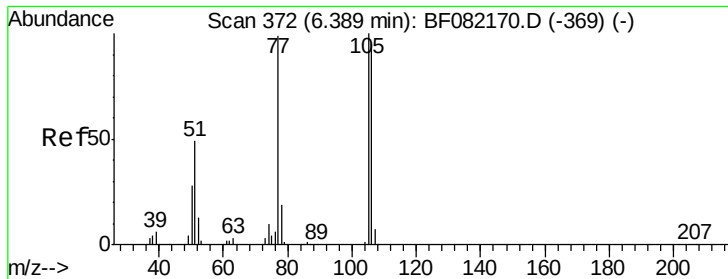
130 31.0 12.6 52.6

64 41.5 16.7 56.7



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





#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

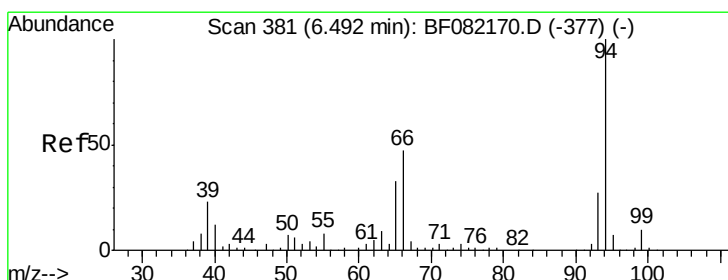
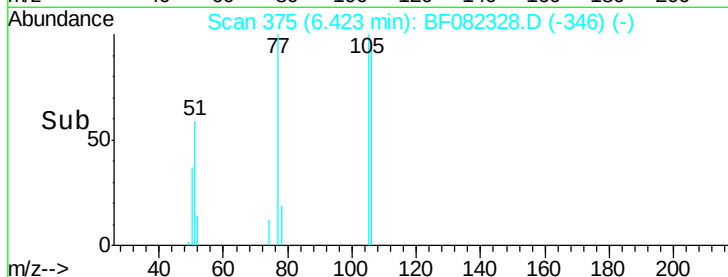
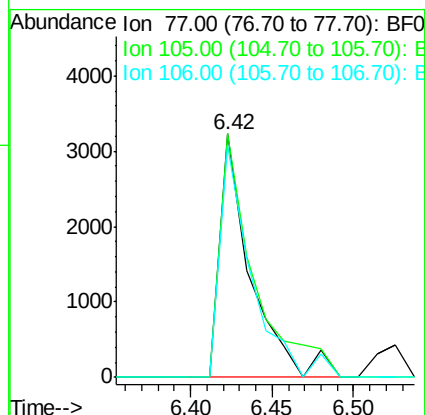
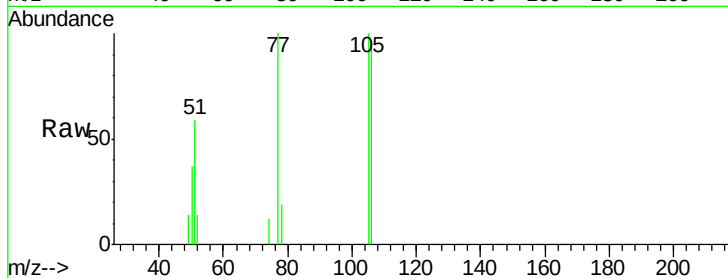
Tot Ion: 77 Resp: 4259

Ion Ratio Lower Upper

77 100

105 99.9 80.6 120.6

106 95.3 75.5 115.5



#10

Phenol

Concen: 3.68 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

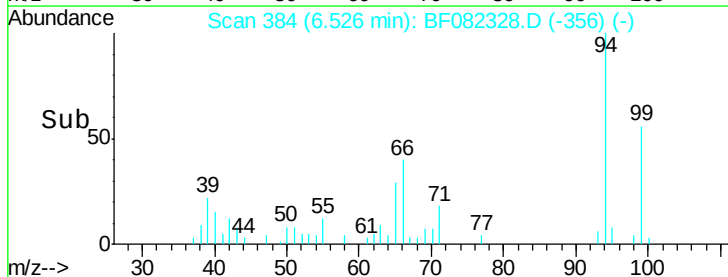
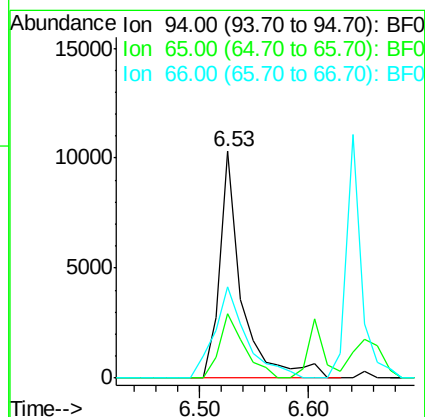
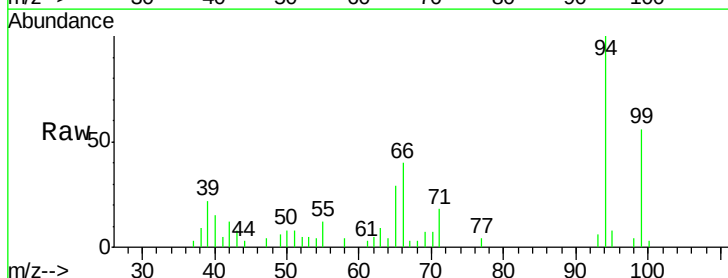
Tgt Ion: 94 Resp: 14541

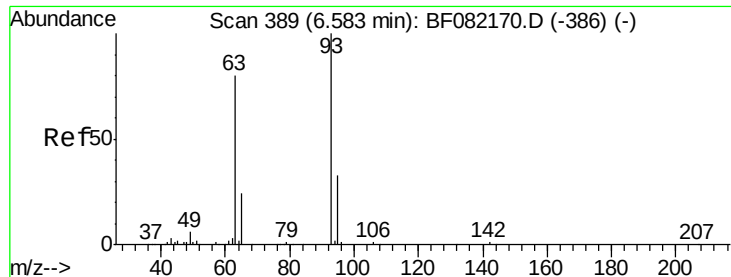
Ion Ratio Lower Upper

94 100

65 28.5 12.6 52.6

66 40.4 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 3.49 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

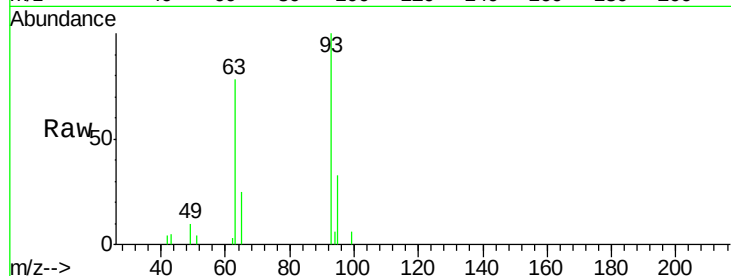
Tot Ion: 93 Resp: 11677

Ion Ratio Lower Upper

93 100

63 77.6 57.1 97.1

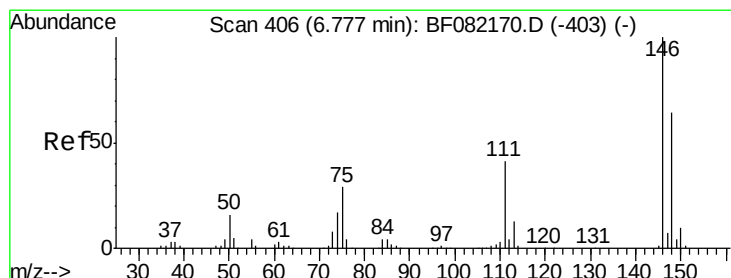
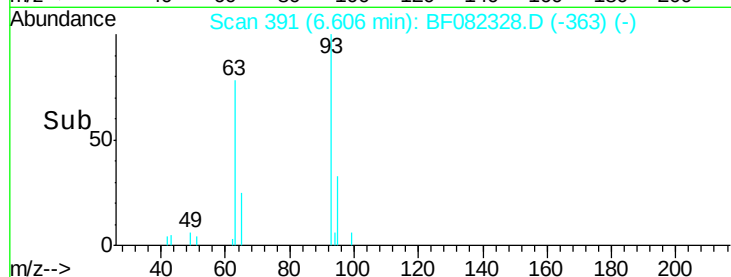
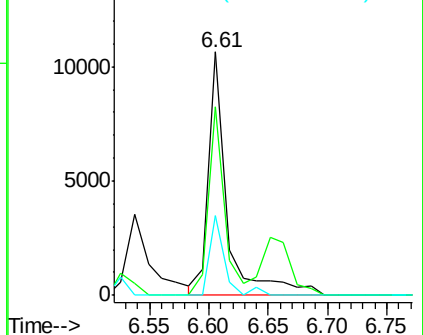
95 33.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 3.80 ng

RT: 6.81 min Scan# 409

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

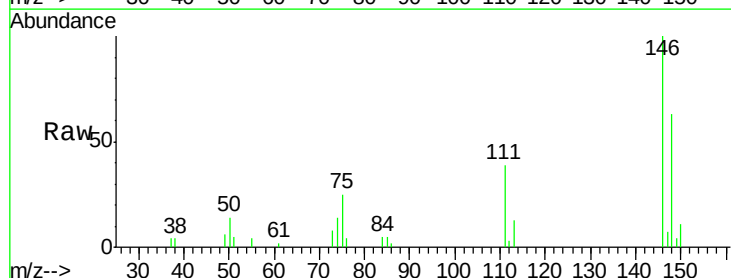
Tgt Ion: 146 Resp: 14233

Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.2

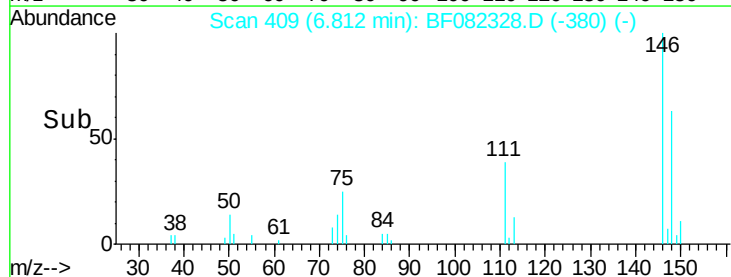
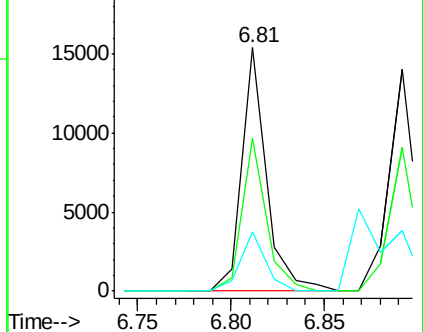
75 24.5 23.0 34.6

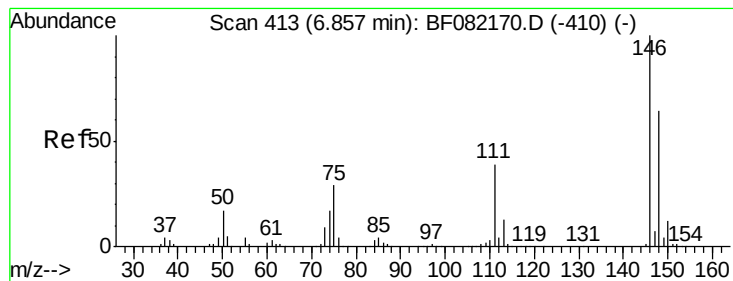


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 3.68 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

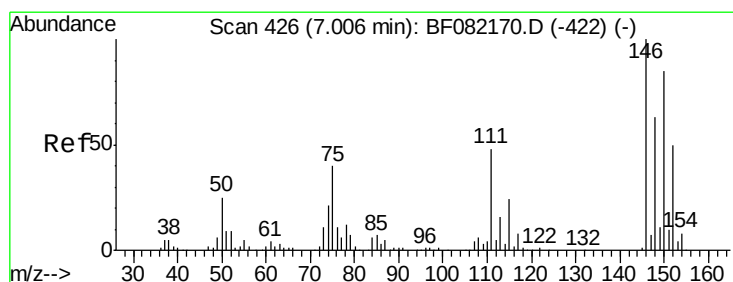
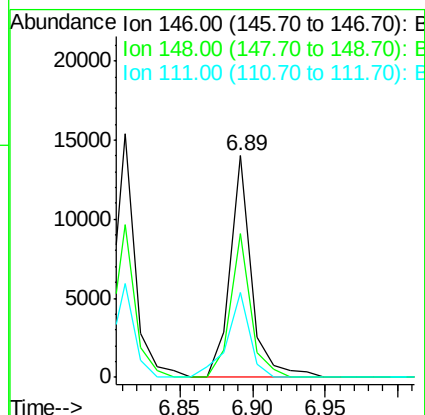
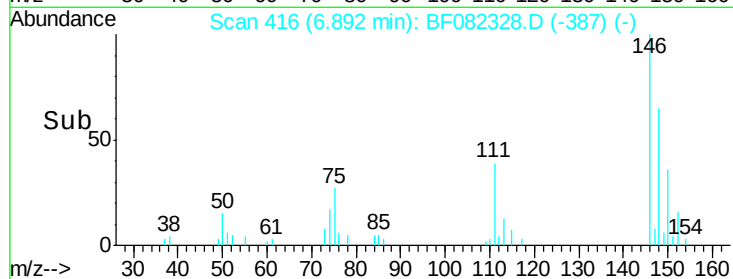
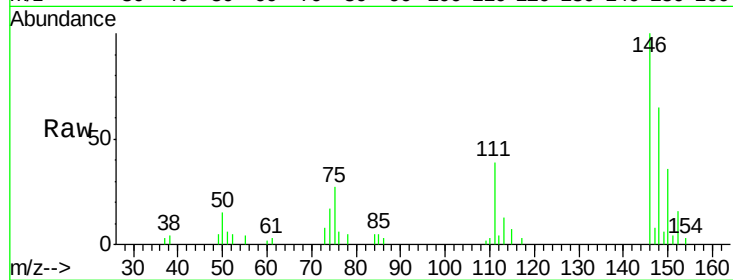
Tot Ion:146 Resp: 14387

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

111 38.6 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 4.13 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

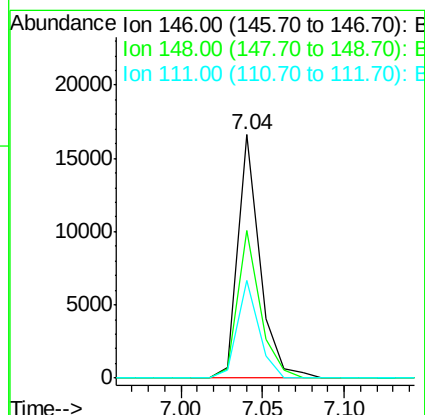
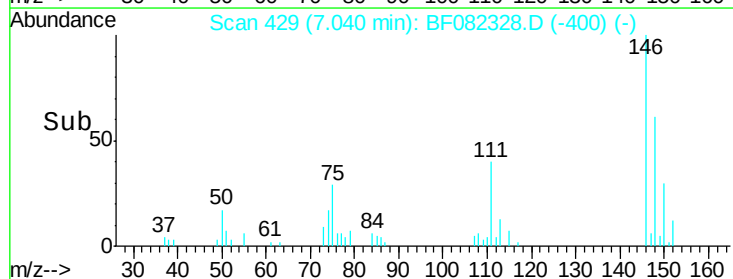
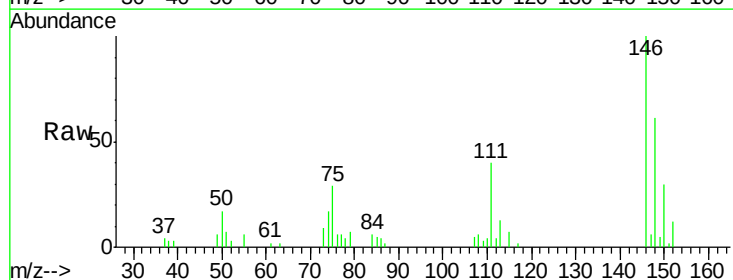
Tgt Ion:146 Resp: 15350

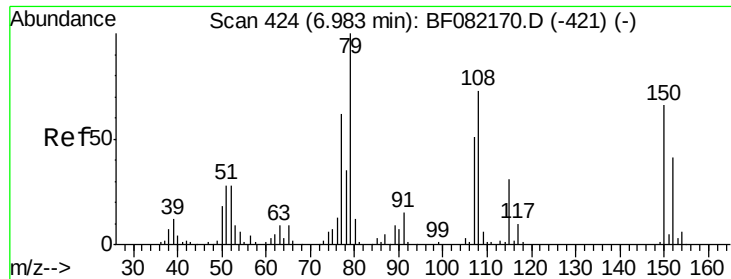
Ion Ratio Lower Upper

146 100

148 60.6 50.5 75.7

111 40.0 38.5 57.7

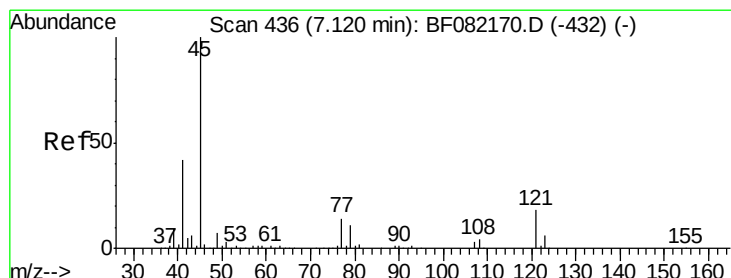
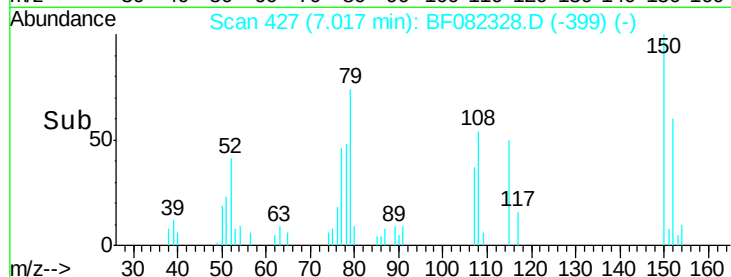
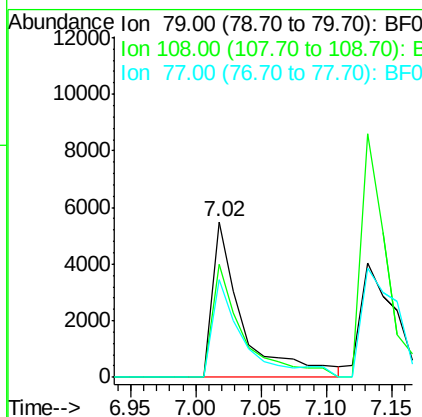
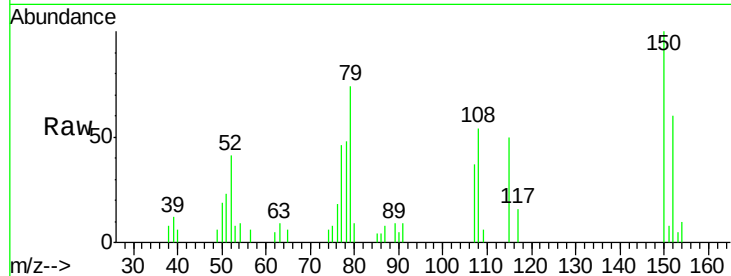




#15
Benzyl Alcohol
Concen: 3.76 ng
RT: 7.02 min Scan# 427
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

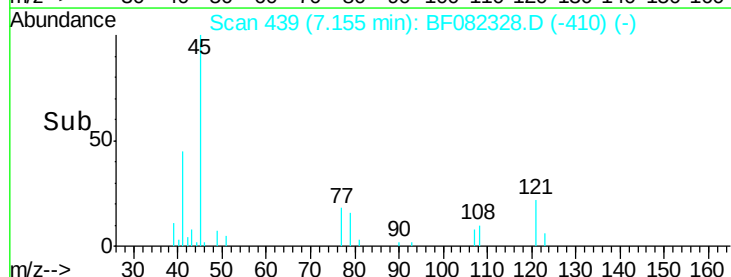
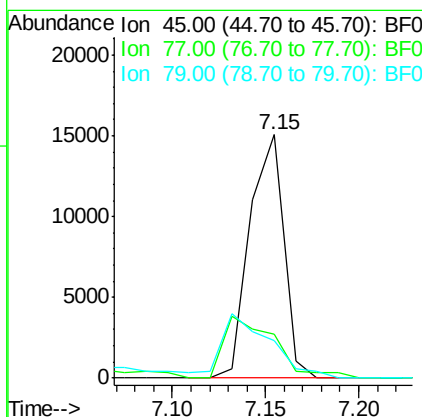
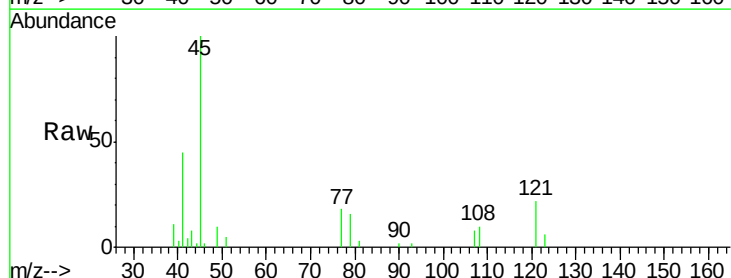
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

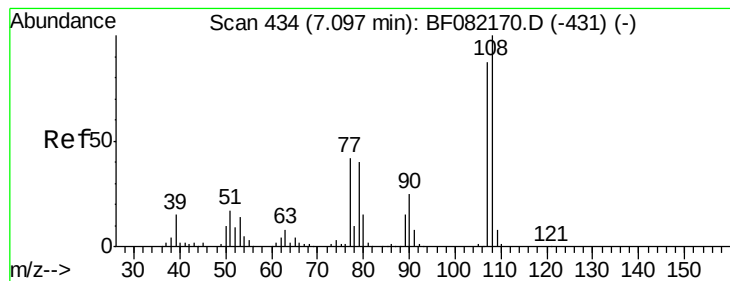
Tot Ion: 79 Resp: 8909
Ion Ratio Lower Upper
79 100
108 73.0 58.4 87.6
77 62.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.09 ng
RT: 7.15 min Scan# 439
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion: 45 Resp: 19040
Ion Ratio Lower Upper
45 100
77 17.9 0.0 34.5
79 15.7 0.0 31.6

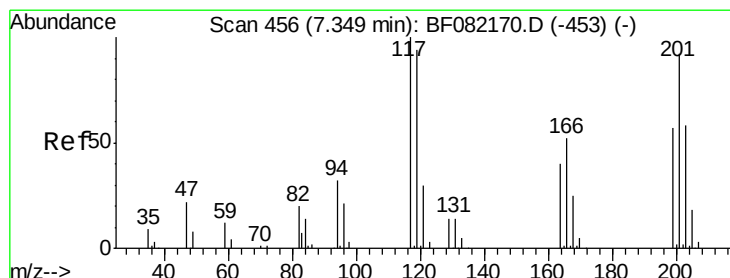
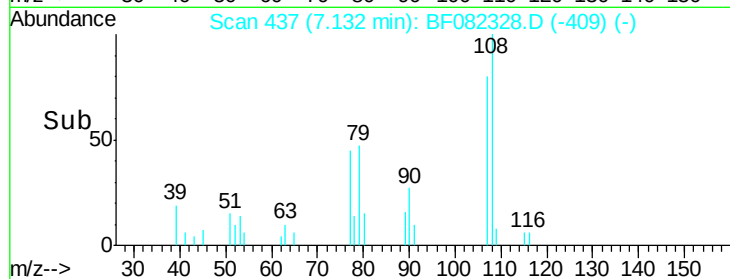
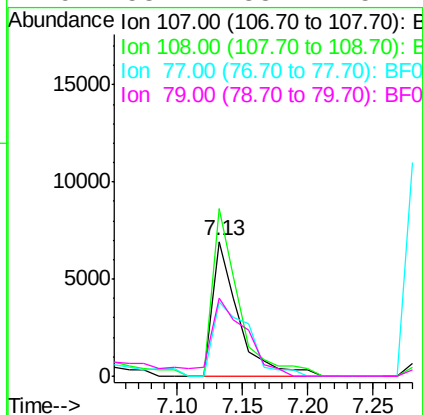
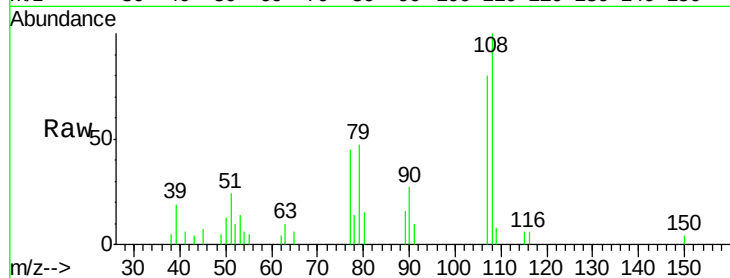




#17
2-Methylphenol
Concen: 3.78 ng
RT: 7.13 min Scan# 437
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

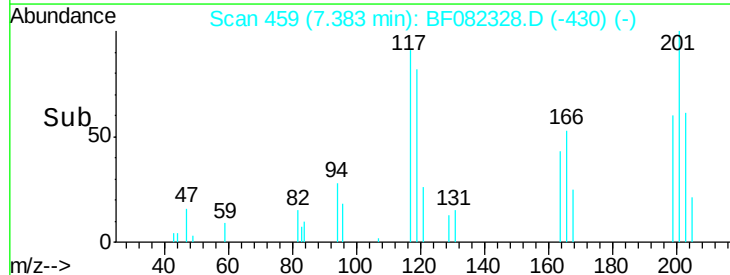
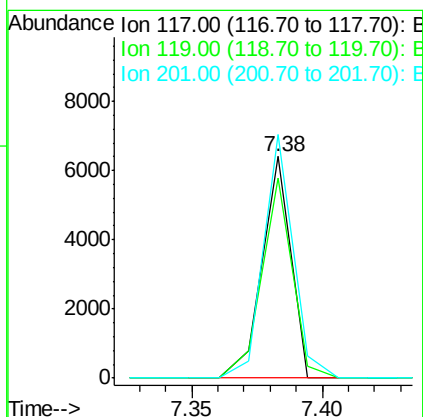
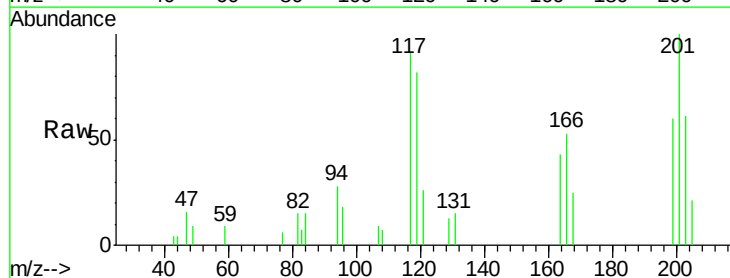
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

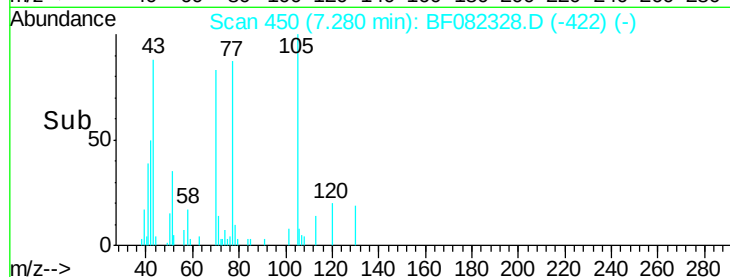
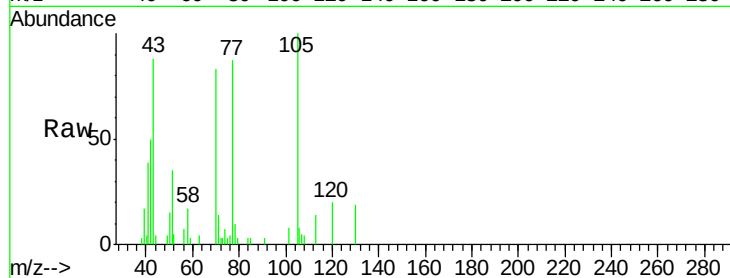
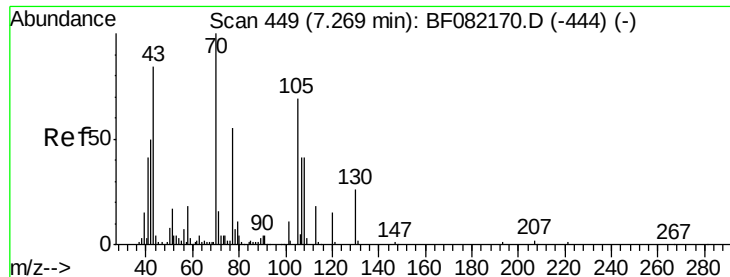
Tot Ion:107 Resp: 9622
Ion Ratio Lower Upper
107 100
108 124.3 92.2 138.2
77 55.4 39.6 59.4
79 58.2 38.2 57.4#



#18
Hexachloroethane
Concen: 3.69 ng
RT: 7.38 min Scan# 459
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:117 Resp: 4933
Ion Ratio Lower Upper
117 100
119 90.5 75.4 113.2
201 109.8 73.4 110.0

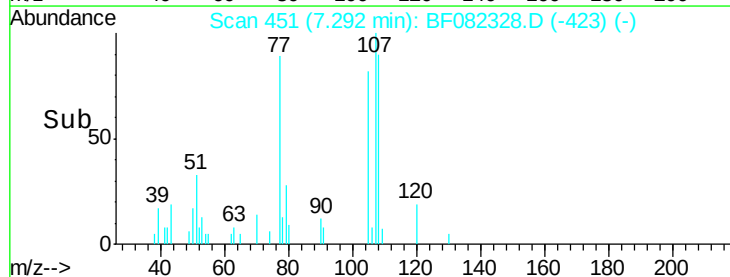
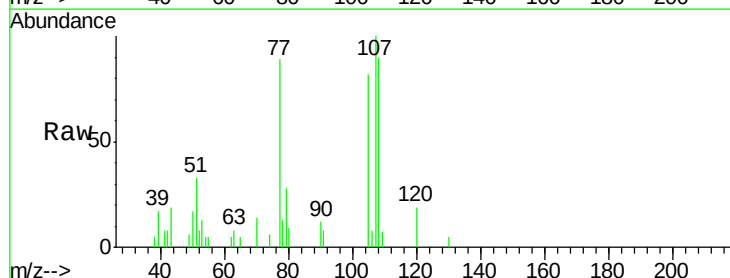
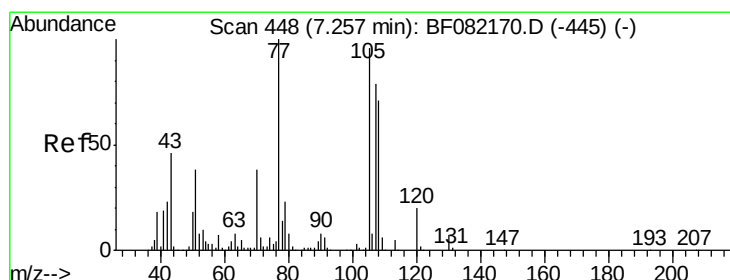
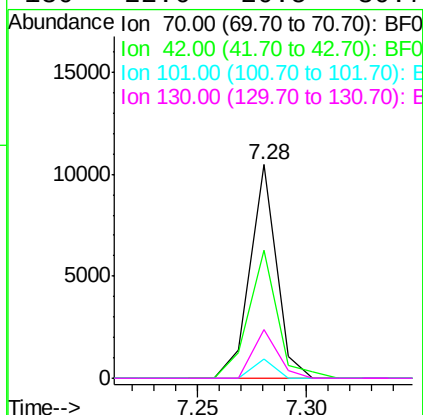




#19
n-Nitroso-di-n-propylamine
Concen: 3.69 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

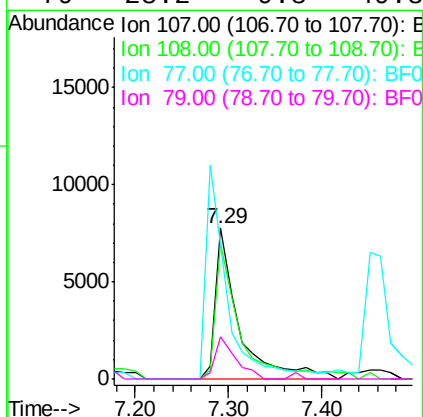
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

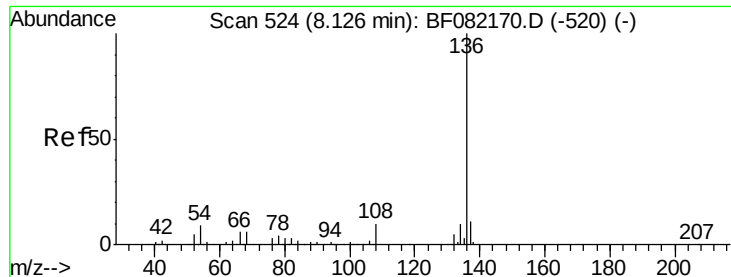
Tot Ion: 70 Resp: 8874
Ion Ratio Lower Upper
70 100
42 60.0 39.8 59.8#
101 9.1 8.6 13.0
130 22.6 20.5 30.7



#20
3+4-Methylphenols
Concen: 4.44 ng
RT: 7.29 min Scan# 451
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion: 107 Resp: 13459
Ion Ratio Lower Upper
107 100
108 90.2 69.9 109.9
77 89.4 106.0 146.0#
79 28.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 527

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

Tot Ion:136 Resp: 236964

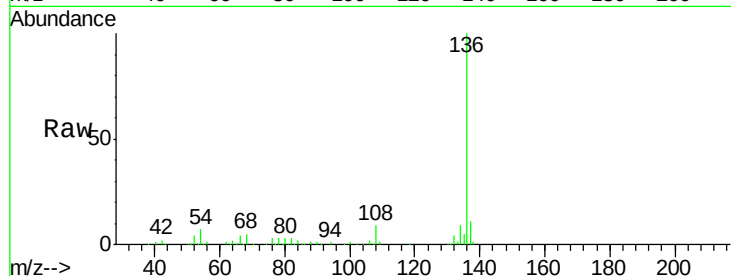
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.0 7.5 11.3#

68 4.7 4.6 7.0

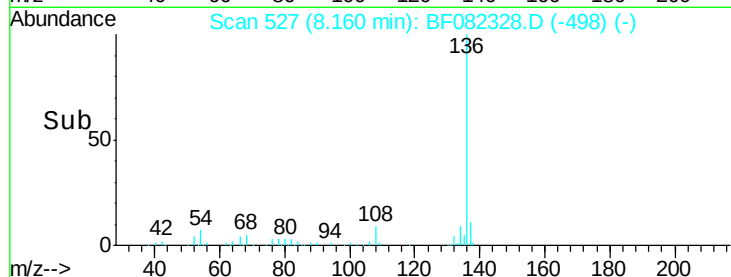


Abundance Ion 136.00 (135.70 to 136.70): E

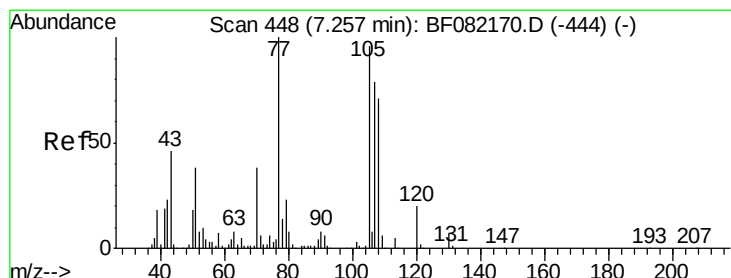
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.20 8.40



#22

Acetophenone

Concen: 3.54 ng

RT: 7.28 min Scan# 450

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Tgt Ion:105 Resp: 16607

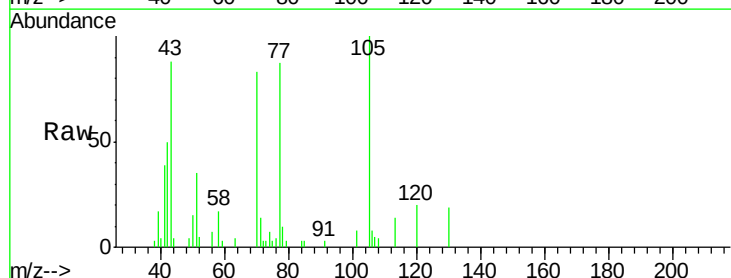
Ion Ratio Lower Upper

105 100

71 14.5 5.4 8.0#

51 34.8 31.8 47.6

120 20.0 16.3 24.5

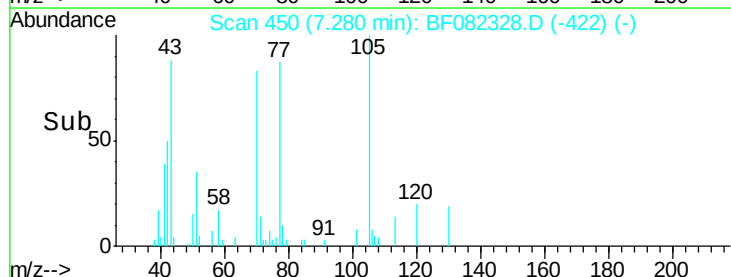


Abundance Ion 105.00 (104.70 to 105.70): E

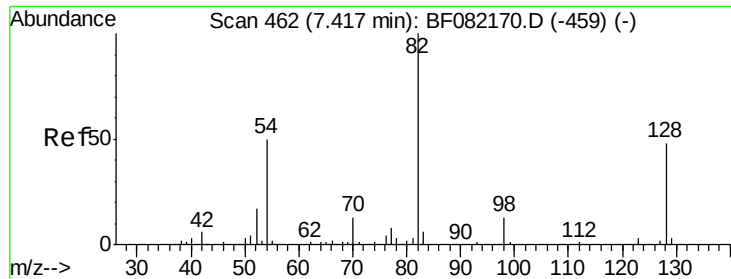
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



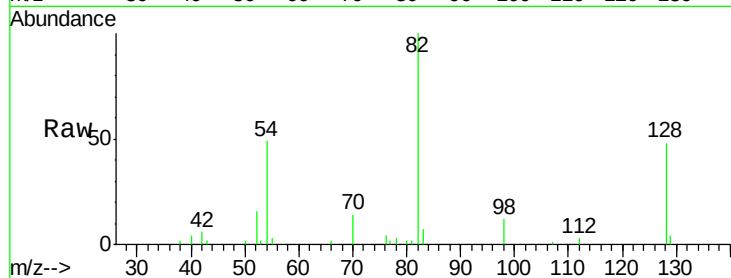
Time--> 7.20 7.30 7.40



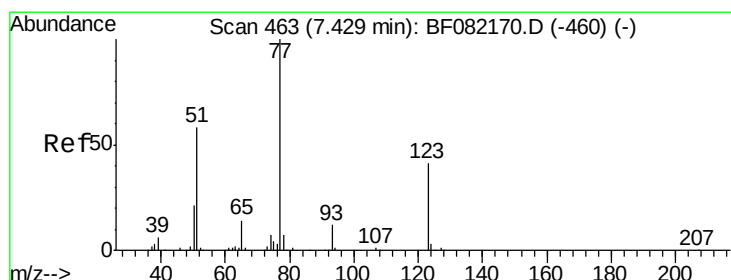
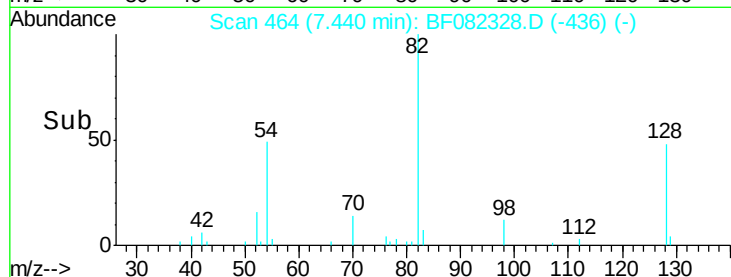
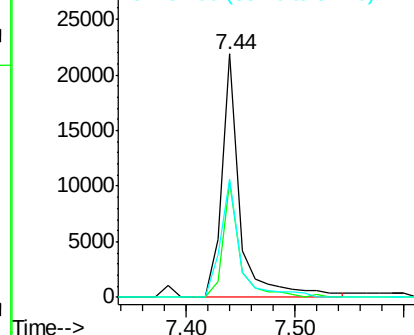
#23
 Nitrobenzene-d5
 Concen: 7.34 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.02 min
 Lab File: BF082328.D
 Acq: 16 Oct 2015 16:23

Instrument :
 BNA_F
 ClientSampleId :
 TK1-1-20151015MS

Tot Ion: 82 Resp: 25911
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.7 58.1
 54 48.6 40.1 60.1

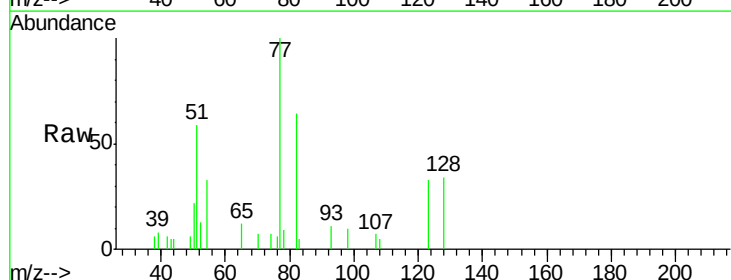


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

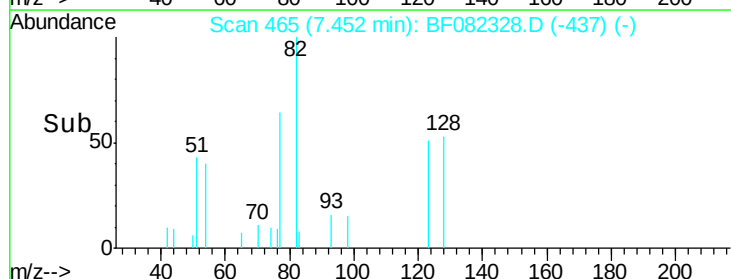
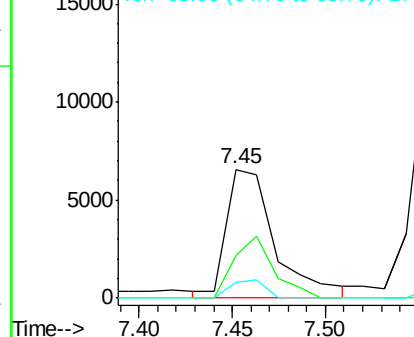


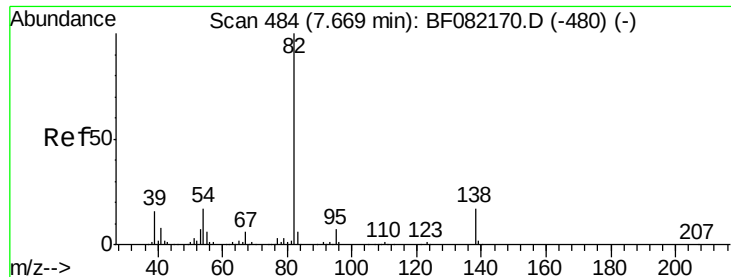
#24
 Nitrobenzene
 Concen: 3.15 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.02 min
 Lab File: BF082328.D
 Acq: 16 Oct 2015 16:23

Tgt Ion: 77 Resp: 12049
 Ion Ratio Lower Upper
 77 100
 123 32.8 33.0 49.4#
 65 12.0 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: 3.82 ng

RT: 7.69 min Scan# 486

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

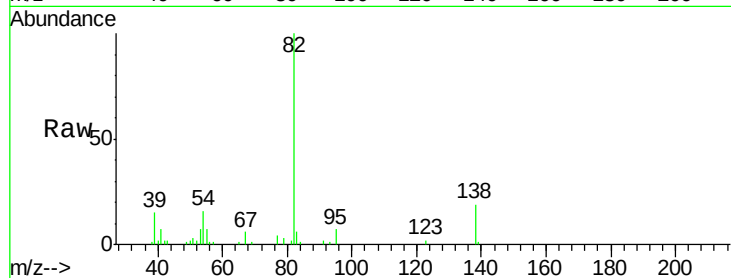
Tot Ion: 82 Resp: 27233

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

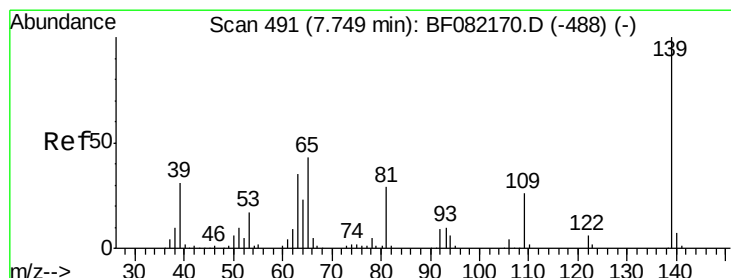
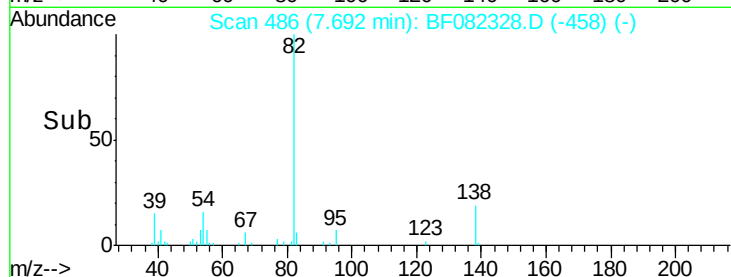
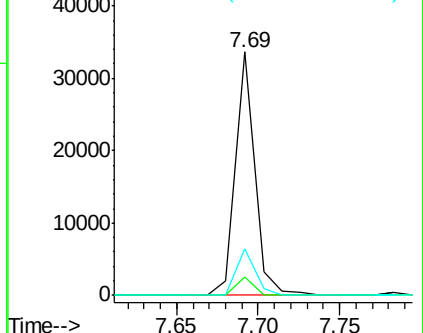
138 18.9 13.6 20.4



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: 2.54 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

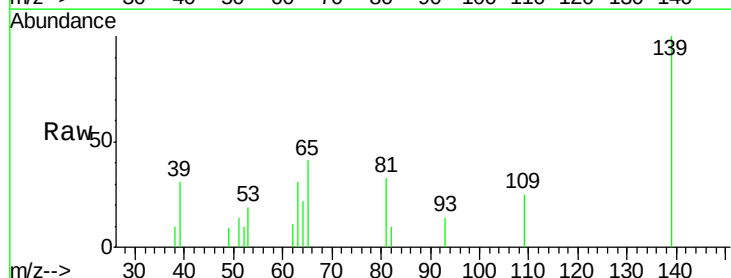
Tgt Ion: 139 Resp: 4841

Ion Ratio Lower Upper

139 100

109 24.8 20.6 31.0

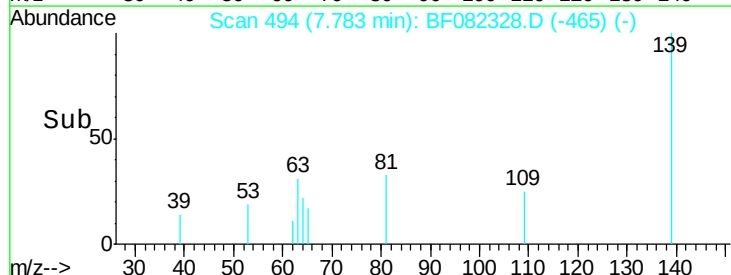
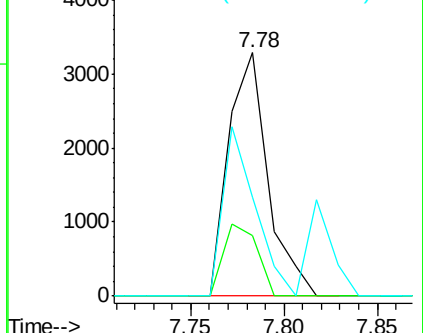
65 40.7 34.3 51.5

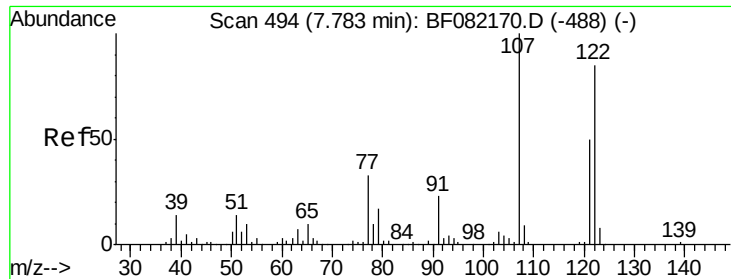


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 3.67 ng

RT: 7.82 min Scan# 497

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

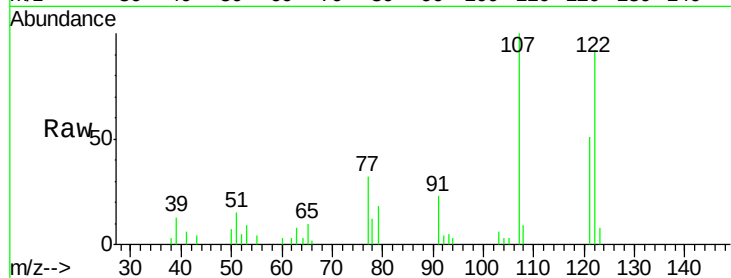
Tot Ion:122 Resp: 11278

Ion Ratio Lower Upper

122 100

107 108.9 94.0 141.0

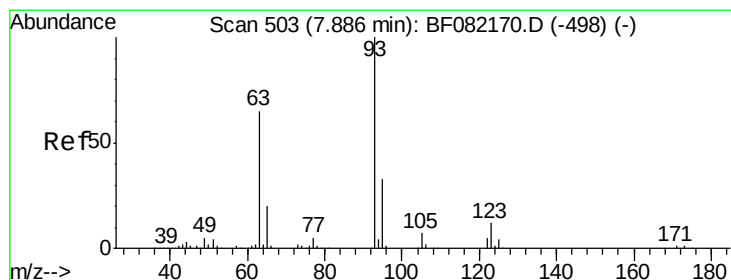
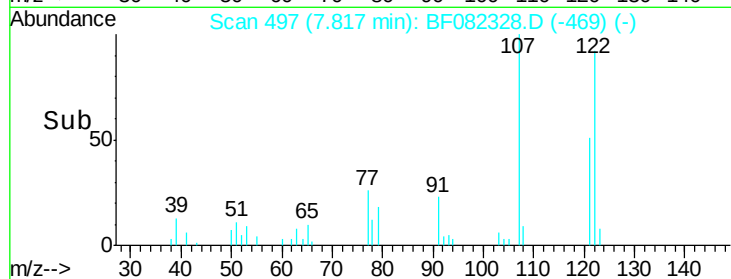
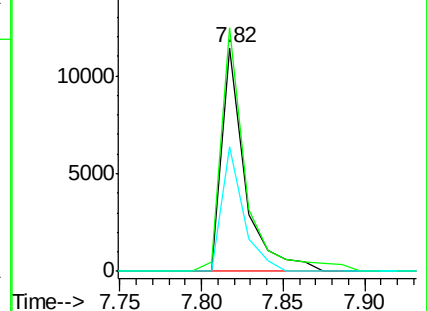
121 55.7 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 3.63 ng

RT: 7.91 min Scan# 505

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

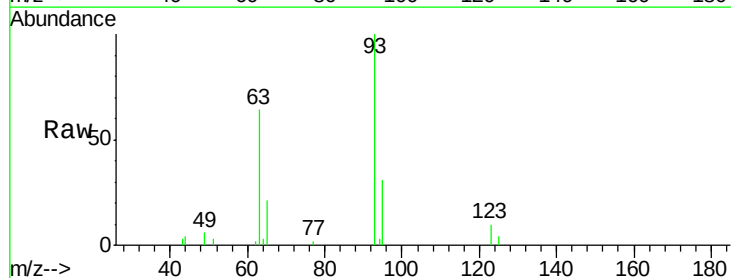
Tgt Ion: 93 Resp: 15058

Ion Ratio Lower Upper

93 100

95 31.5 26.6 39.8

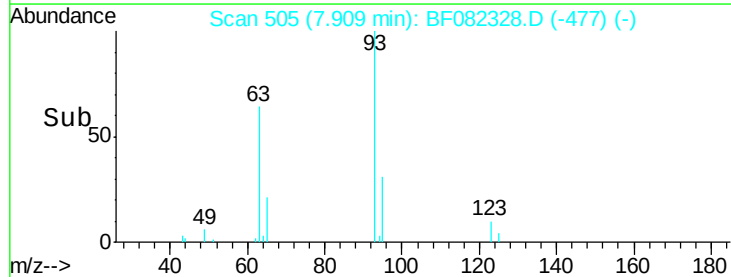
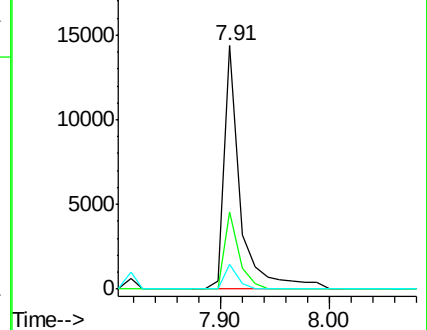
123 10.2 9.5 14.3

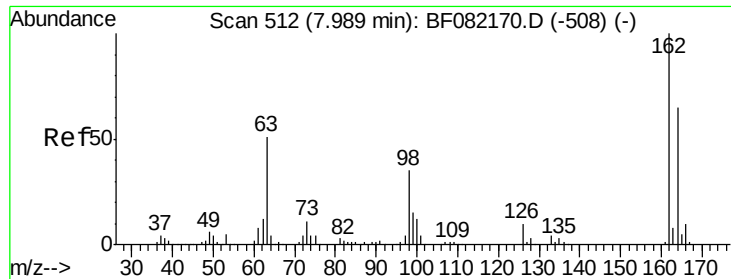


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

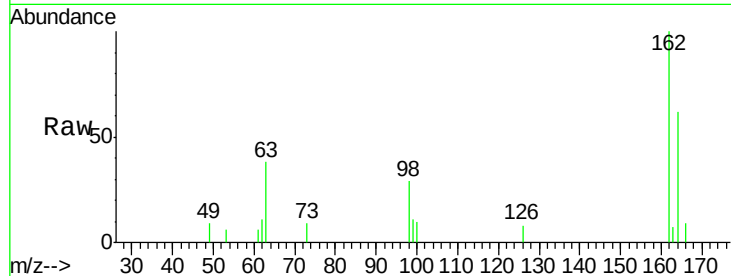




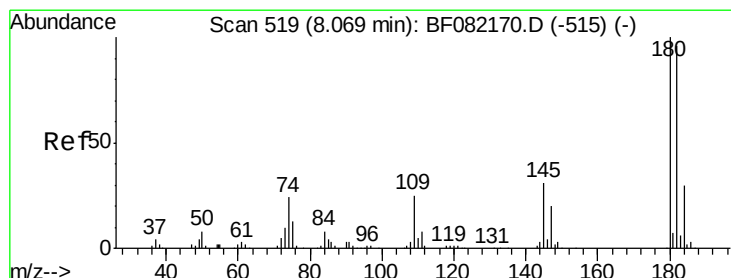
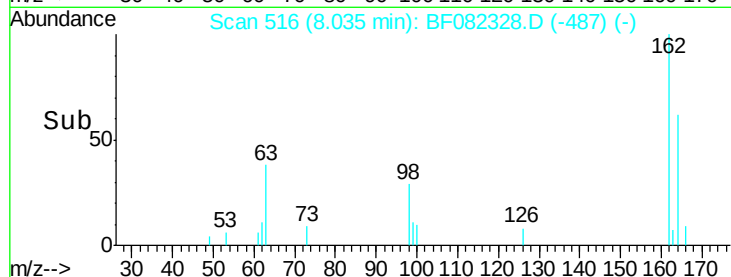
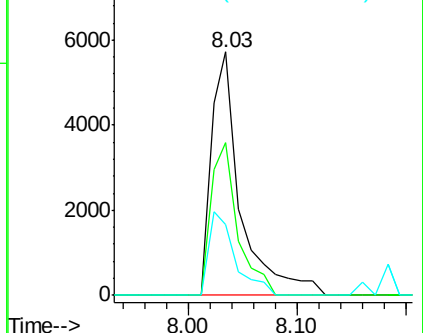
#29
2,4-Dichlorophenol
Concen: 3.50 ng
RT: 8.03 min Scan# 516
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	28.9	15.0	55.0

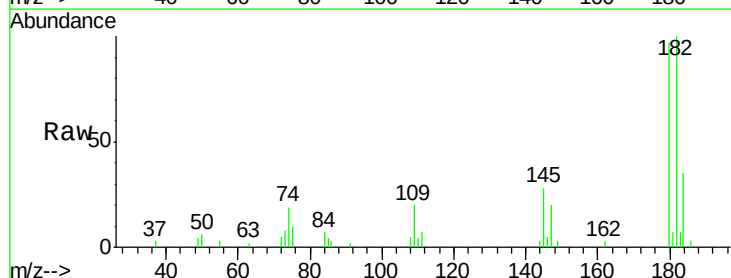


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

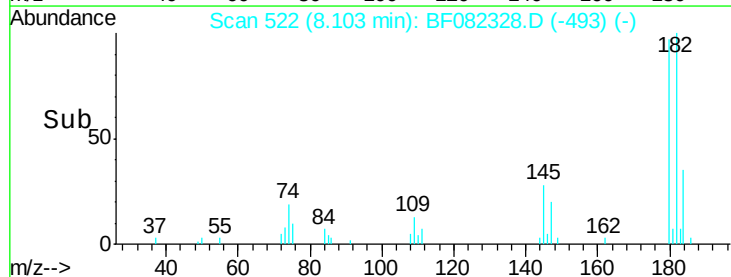
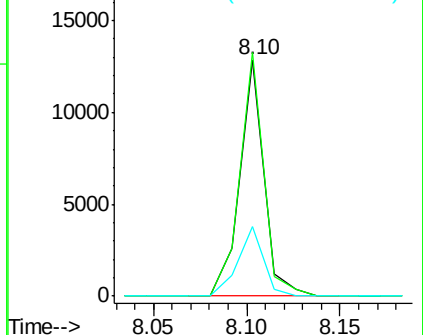


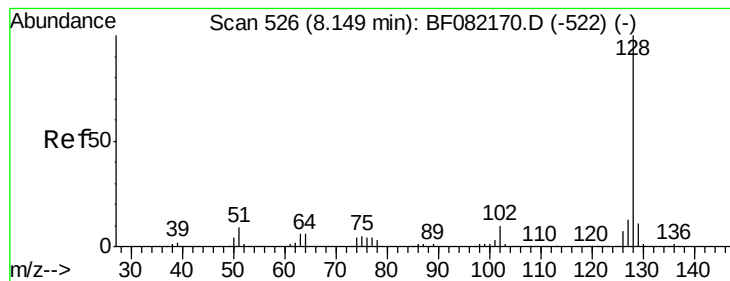
#30
1,2,4-Trichlorobenzene
Concen: 3.31 ng
RT: 8.10 min Scan# 522
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.0	77.0	115.4
145	29.2	25.0	37.4



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





#31

Naphthalene

Concen: 4.31 ng

RT: 8.18 min Scan# 529

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

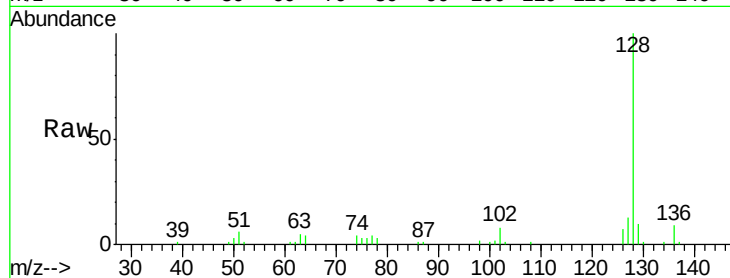
Tot Ion:128 Resp: 44229

Ion Ratio Lower Upper

128 100

129 9.8 9.1 13.7

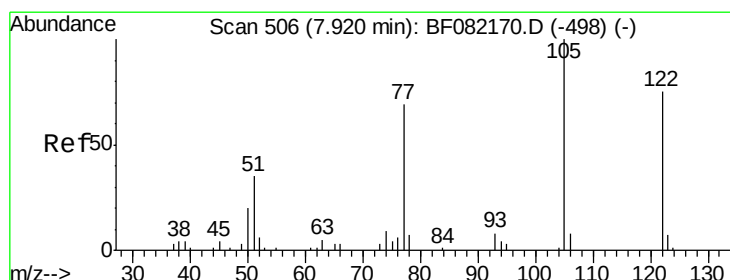
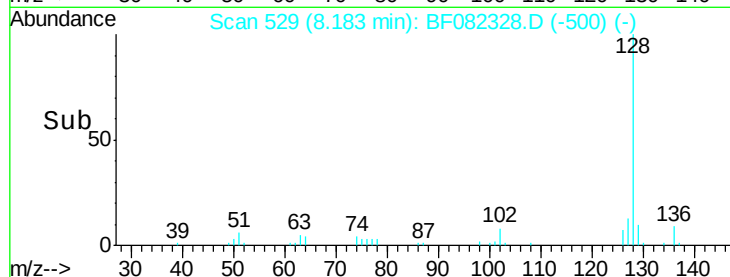
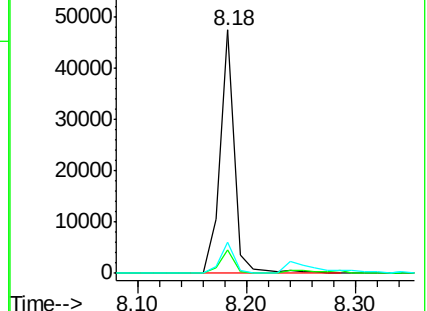
127 12.9 10.7 16.1



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: 5.47 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.11 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

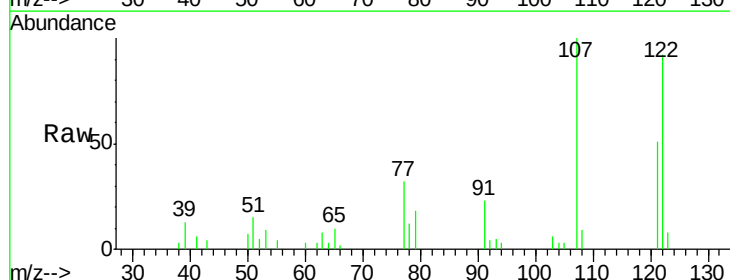
Tgt Ion:122 Resp: 11278

Ion Ratio Lower Upper

122 100

105 3.4 104.4 144.4#

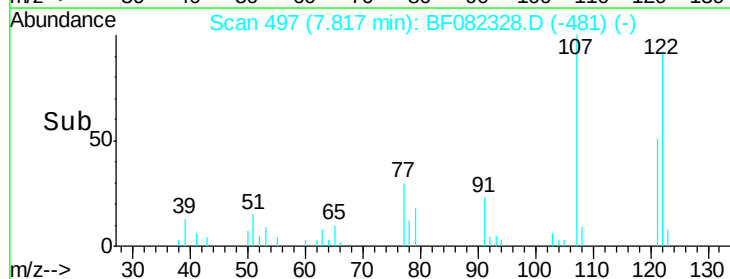
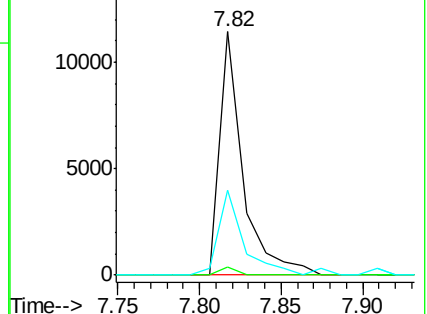
77 35.1 69.0 109.0#

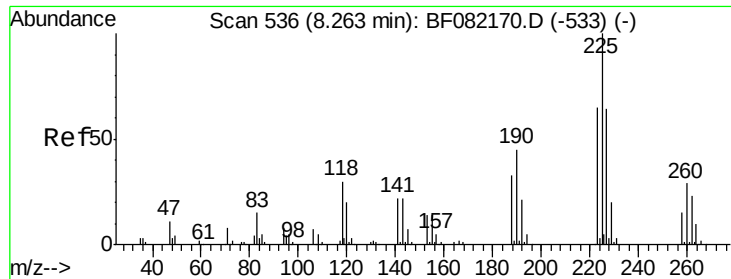


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

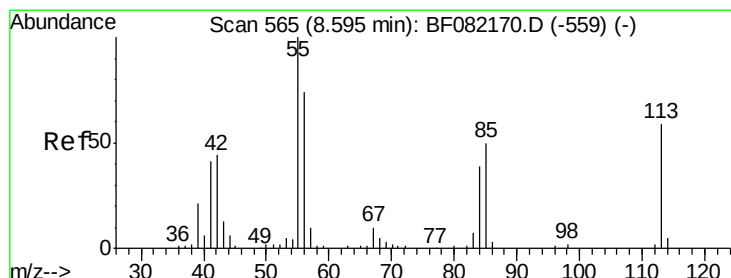
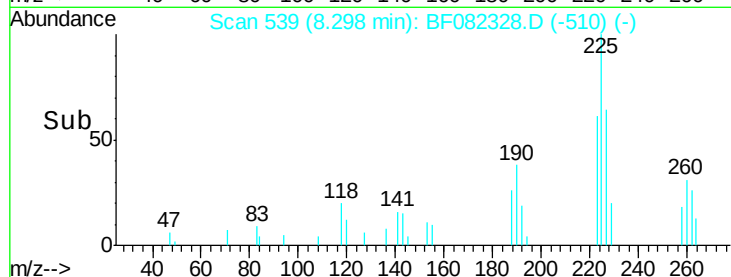
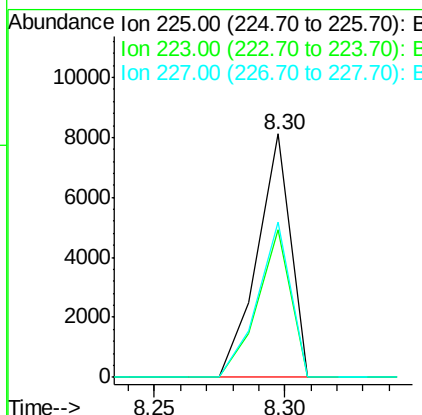
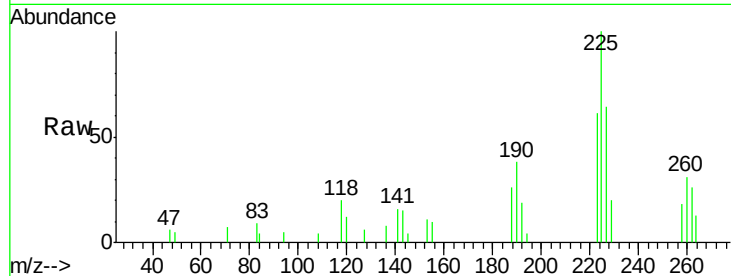




#34
Hexachlorobutadiene
Concen: 3.29 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

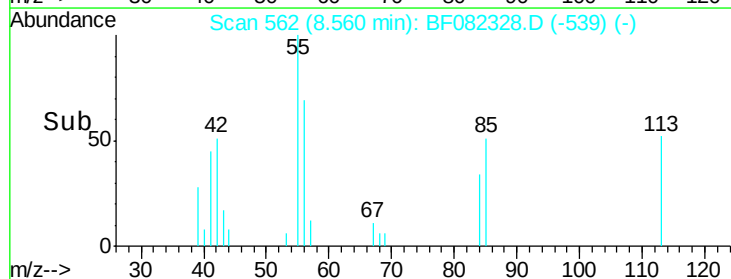
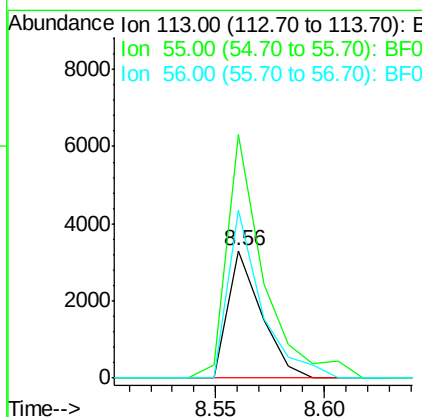
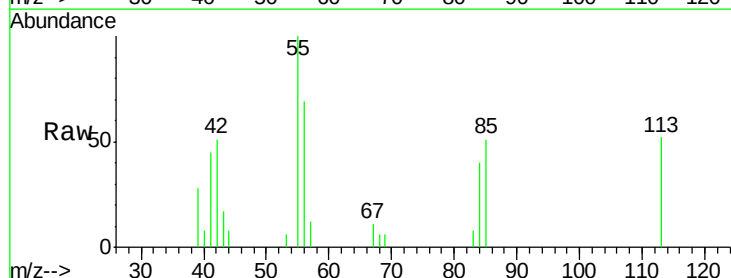
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

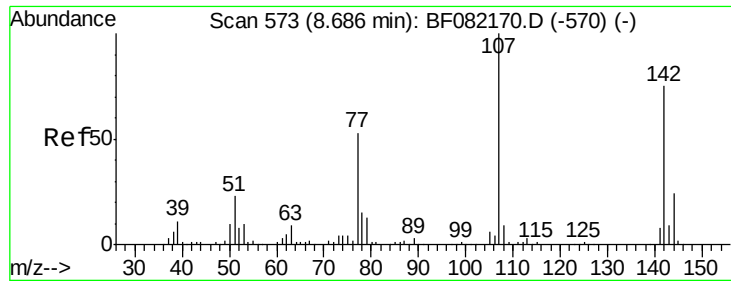
Tot Ion:225 Resp: 7263
Ion Ratio Lower Upper
225 100
223 60.7 52.2 78.2
227 63.9 51.3 76.9



#35
Caprolactam
Concen: 3.94 ng
RT: 8.56 min Scan# 562
Delta R.T. -0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:113 Resp: 3508
Ion Ratio Lower Upper
113 100
55 190.7 149.7 189.7#
56 131.2 105.4 145.4





#36

4-Chloro-3-methylphenol

Concen: 3.82 ng

RT: 8.72 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

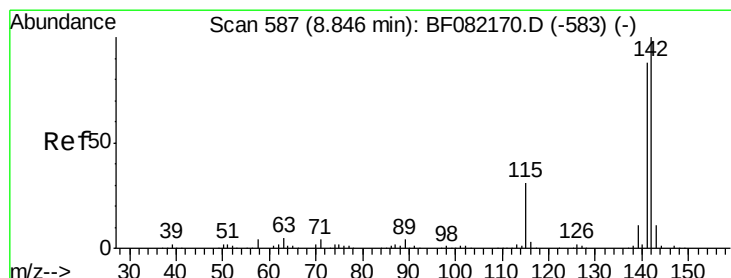
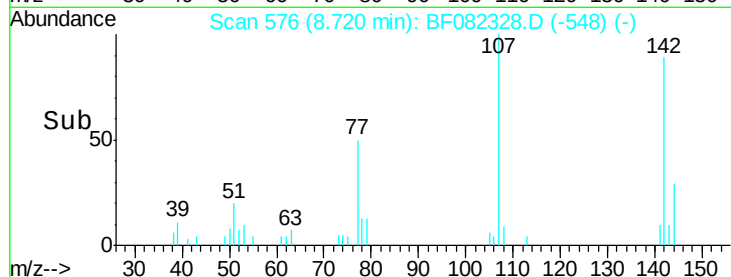
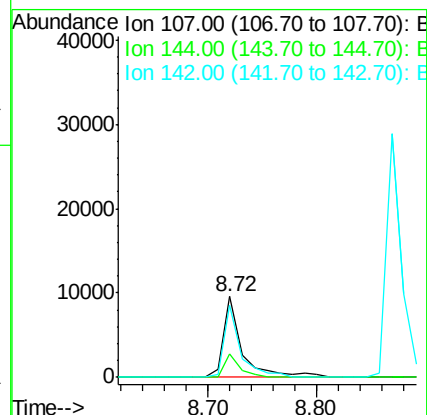
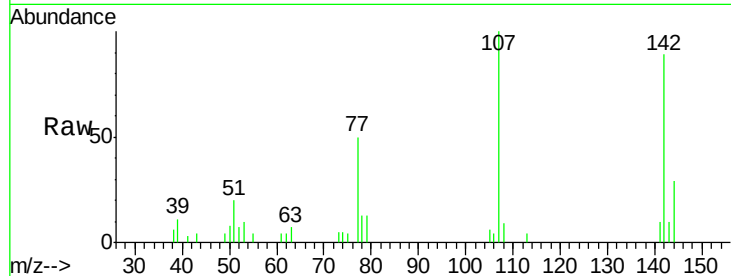
Tot Ion:107 Resp: 11487

Ion Ratio Lower Upper

107 100

144 28.7 19.3 28.9

142 88.8 59.9 89.9



#37

2-Methylnaphthalene

Concen: 4.15 ng

RT: 8.87 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

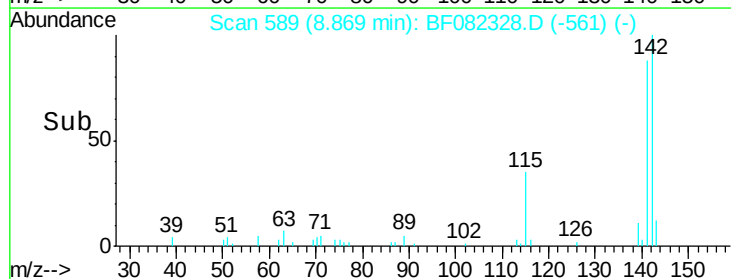
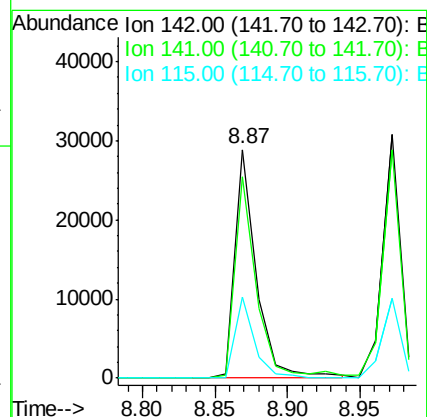
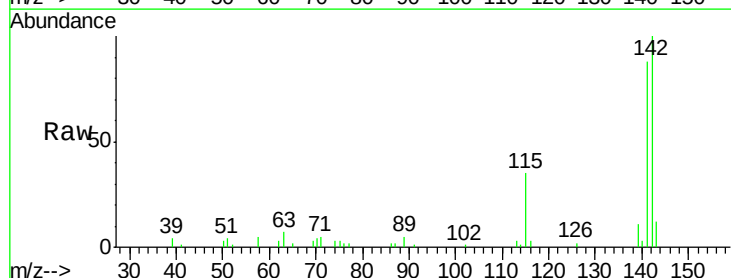
Tgt Ion:142 Resp: 29574

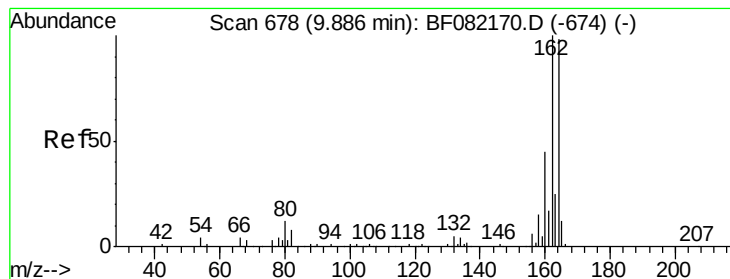
Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 35.3 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

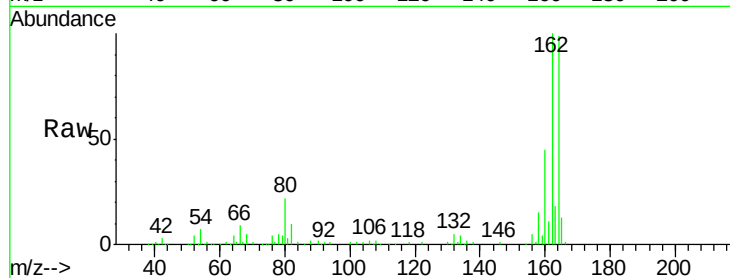
Tot Ion:164 Resp: 126001

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

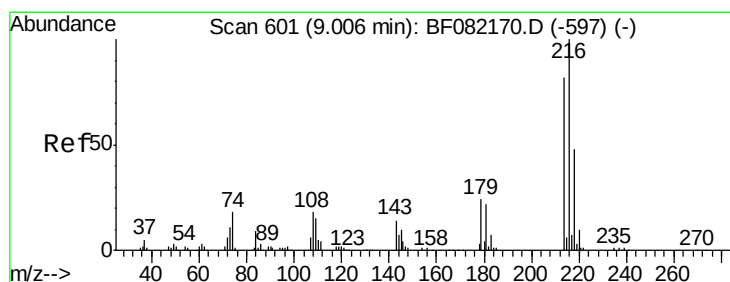
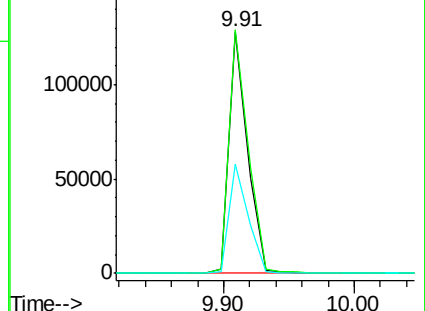
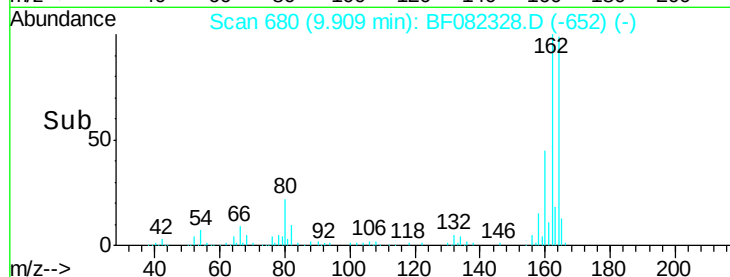
160 45.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.44 ng

RT: 9.04 min Scan# 604

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Tgt Ion:216 Resp: 12897

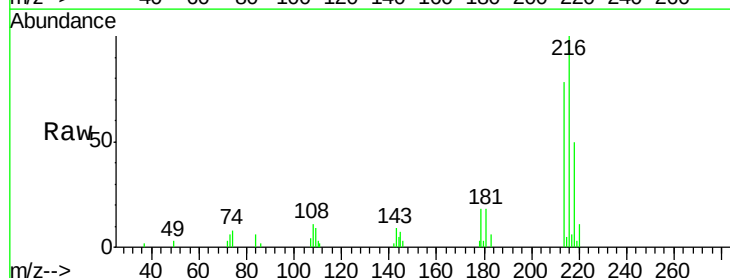
Ion Ratio Lower Upper

216 100

214 77.9 64.6 97.0

179 18.8 17.6 26.4

108 16.6 14.5 21.7

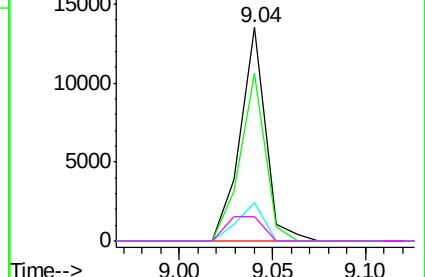
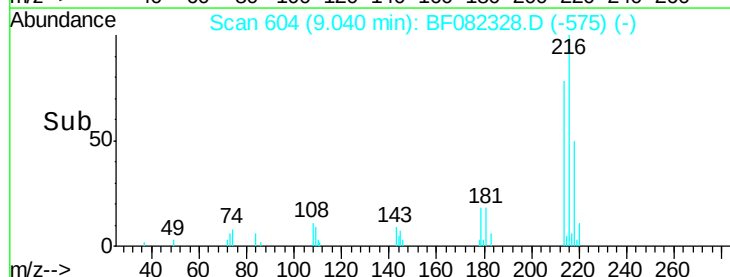


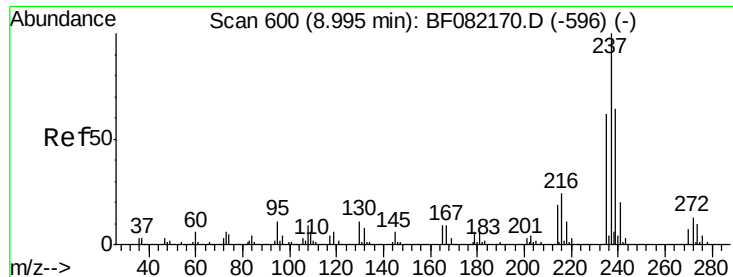
Abundance Ion 216.00 (215.70 to 216.70): E

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

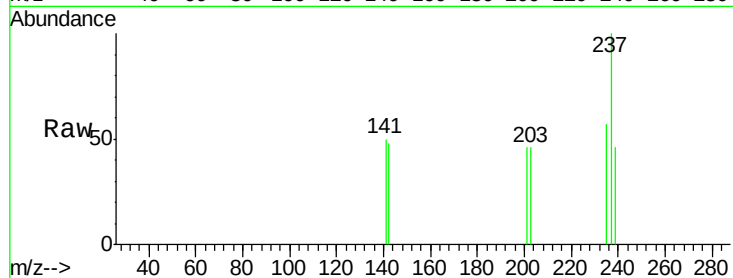




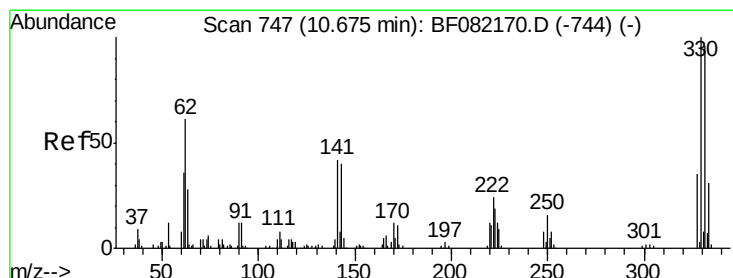
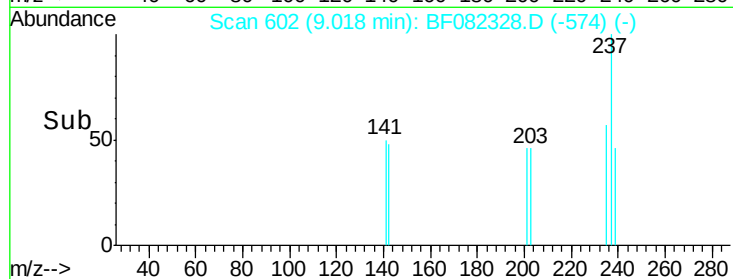
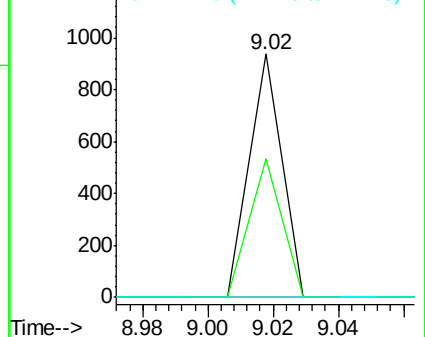
#40
Hexachlorocyclopentadiene
Concen: 8.61 ng
RT: 9.02 min Scan# 602
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

Tot Ion:237 Resp: 643
Ion Ratio Lower Upper
237 100
235 57.1 41.7 81.7
272 0.0 0.0 32.8

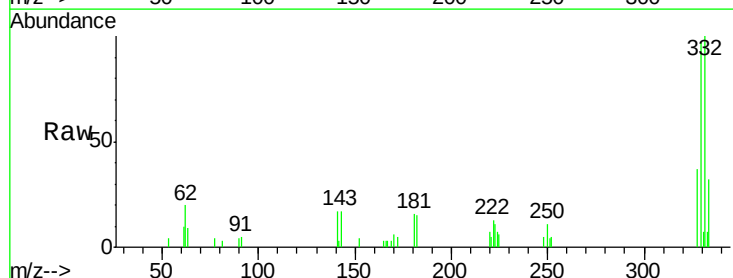


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

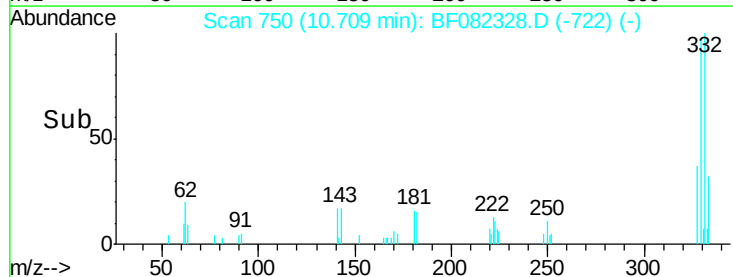
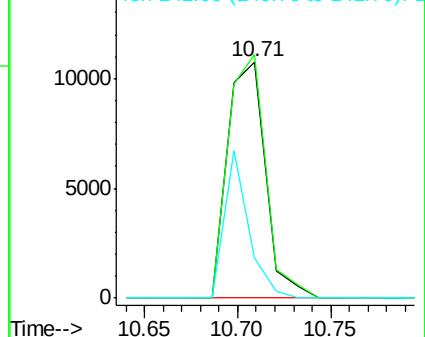


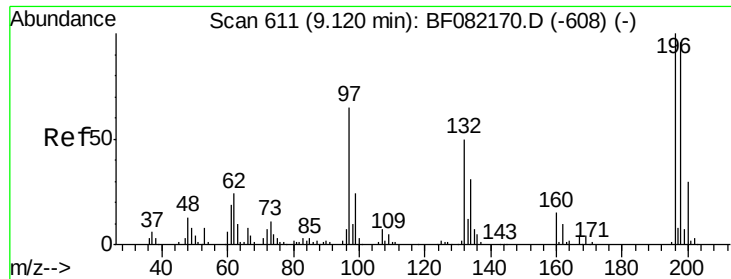
#41
2,4,6-Tribromophenol
Concen: 12.98 ng
RT: 10.71 min Scan# 750
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:330 Resp: 15332
Ion Ratio Lower Upper
330 100
332 101.7 77.1 115.7
141 39.7 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

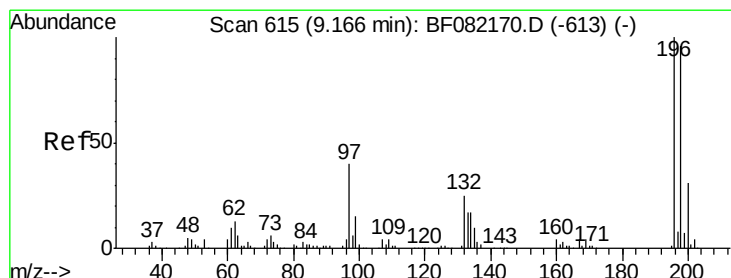
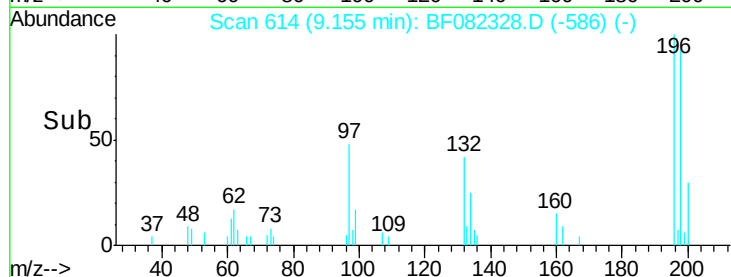
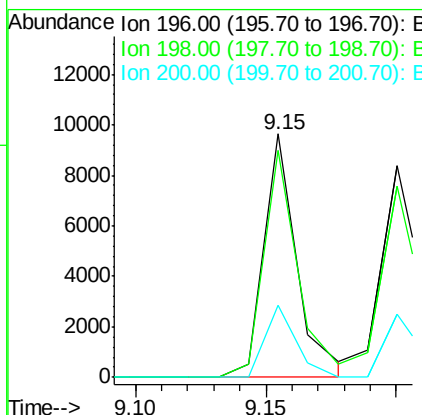
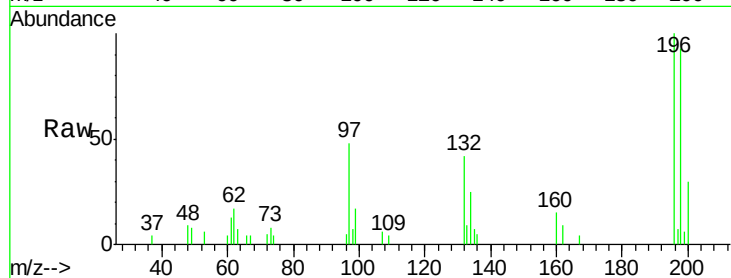




#42
2,4,6-Trichlorophenol
Concen: 3.44 ng
RT: 9.15 min Scan# 614
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

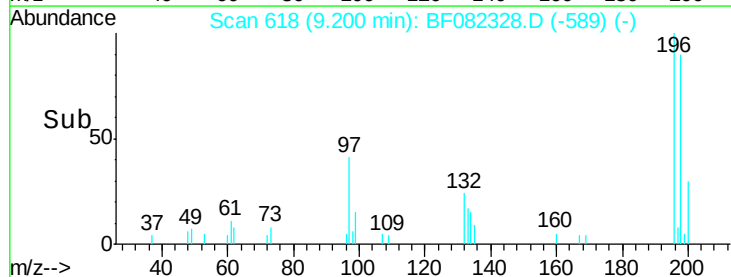
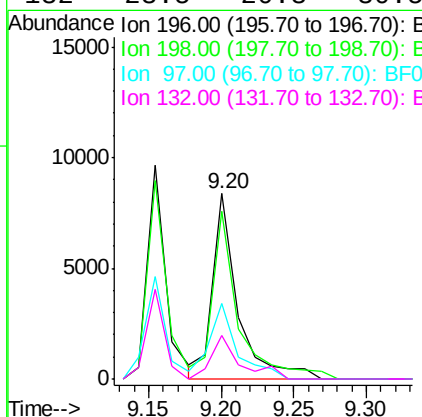
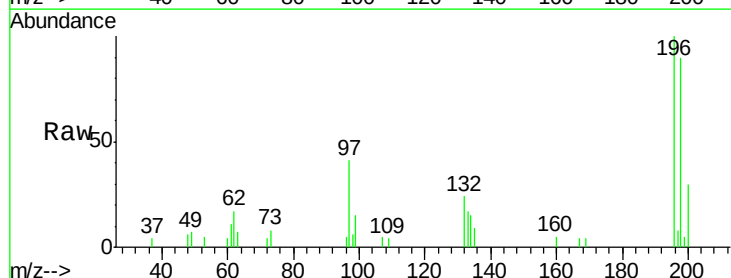
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

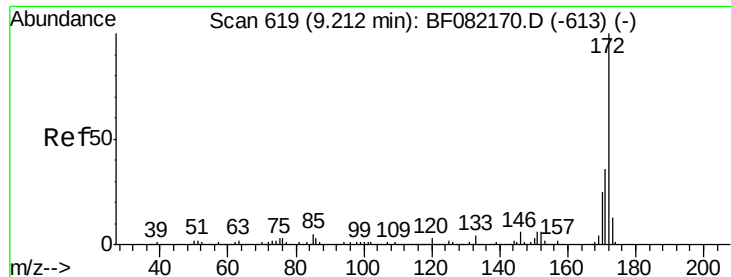
Tot Ion:196 Resp: 8575
Ion Ratio Lower Upper
196 100
198 93.0 76.6 115.0
200 29.8 23.7 35.5



#43
2,4,5-Trichlorophenol
Concen: 3.74 ng
RT: 9.20 min Scan# 618
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:196 Resp: 10095
Ion Ratio Lower Upper
196 100
198 90.4 77.0 115.4
97 41.0 31.9 47.9
132 23.5 20.3 30.5





#44

2-Fluorobiphenyl

Concen: 8.84 ng

RT: 9.23 min Scan# 621

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

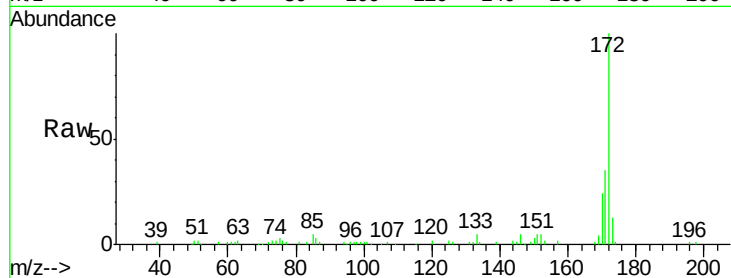
Tot Ion:172 Resp: 67179

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

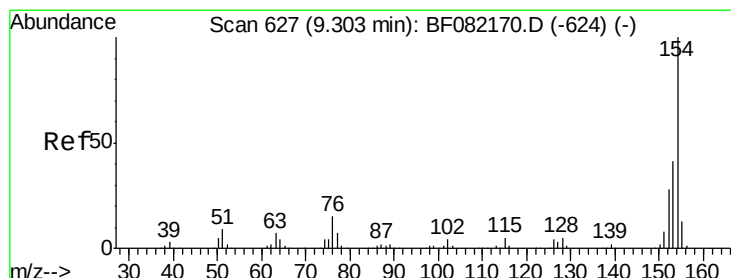
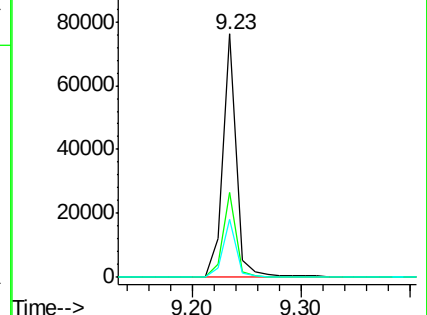
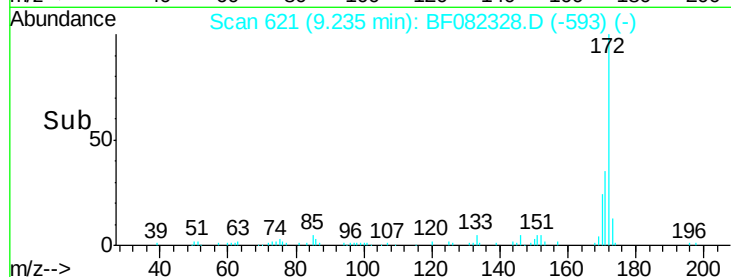
170 23.6 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 3.57 ng

RT: 9.34 min Scan# 630

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

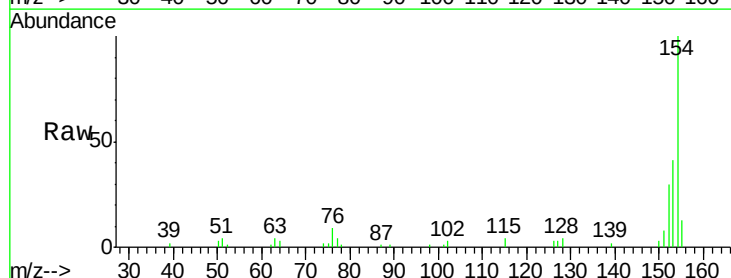
Tgt Ion:154 Resp: 34274

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

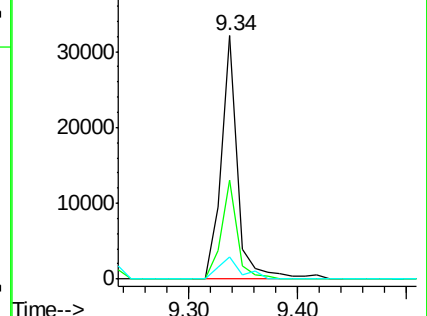
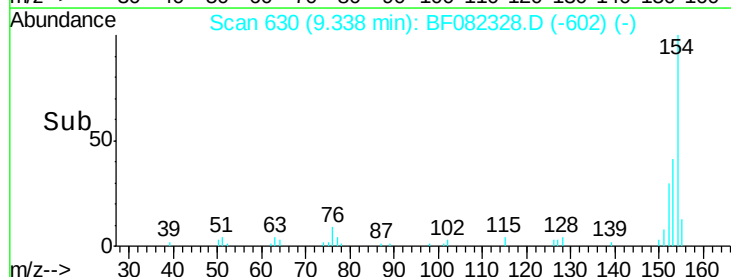
76 9.3 0.0 35.2

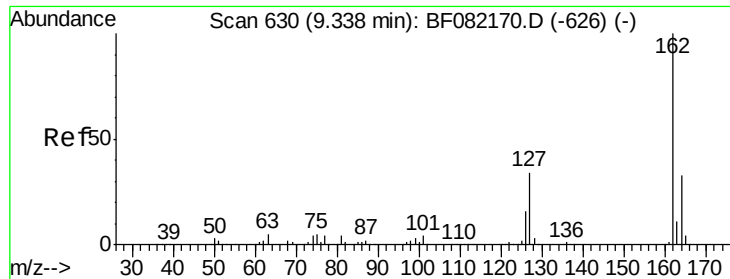


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

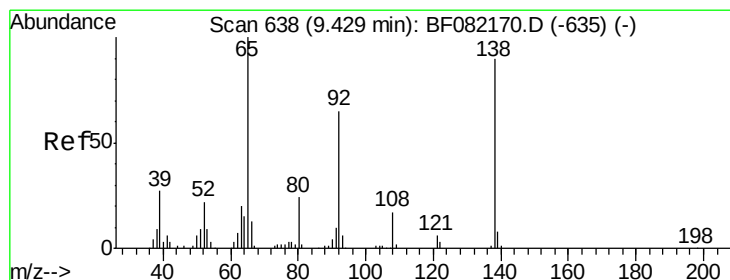
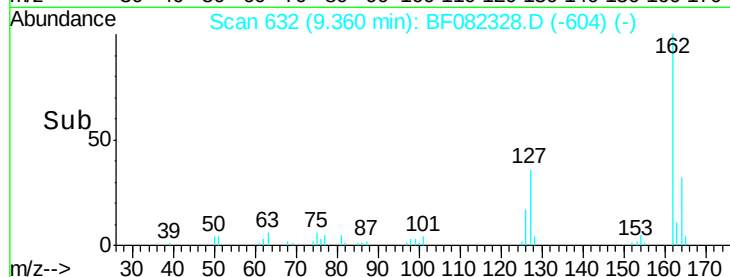
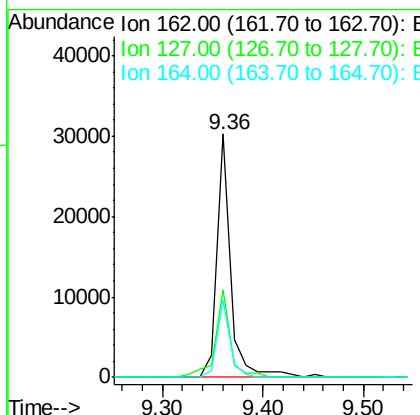
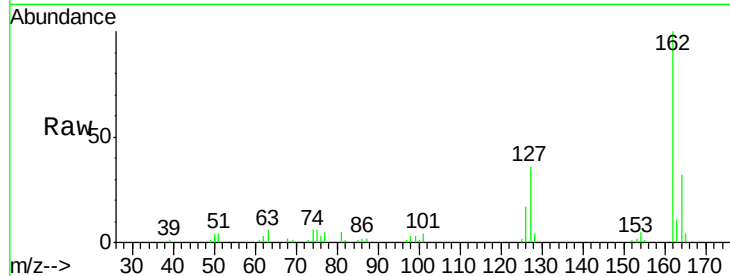




#46
 2-Chloronaphthalene
 Concen: 3.80 ng
 RT: 9.36 min Scan# 632
 Delta R.T. 0.02 min
 Lab File: BF082328.D
 Acq: 16 Oct 2015 16:23

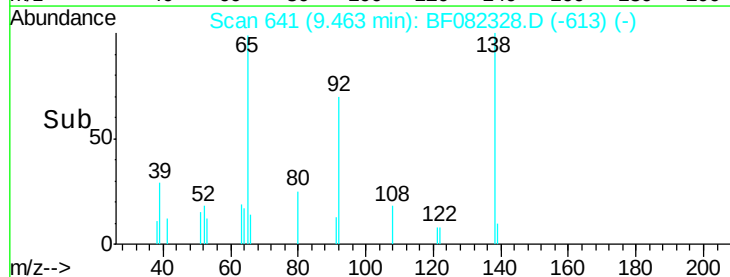
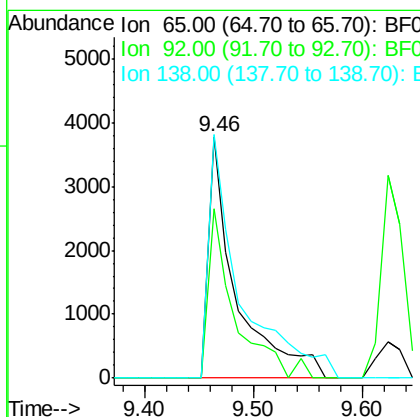
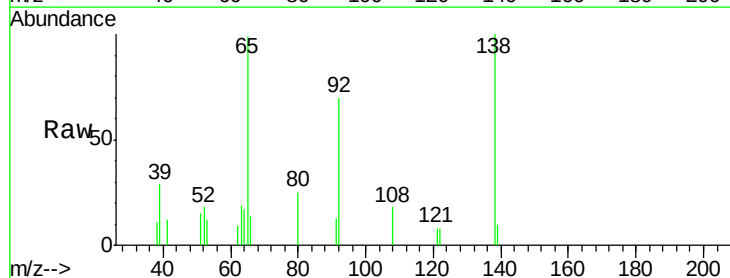
Instrument :
 BNA_F
 ClientSampleId :
 TK1-1-20151015MS

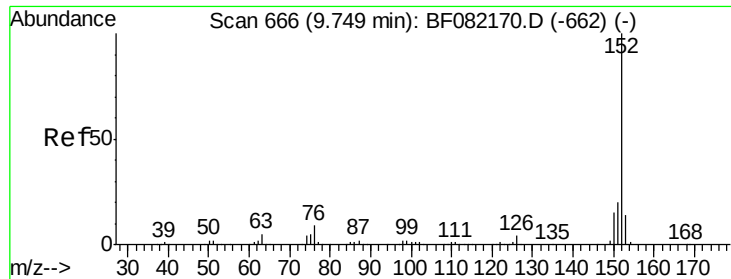
Tot Ion:162 Resp: 28734
 Ion Ratio Lower Upper
 162 100
 127 35.7 27.5 41.3
 164 31.5 26.6 39.8



#47
 2-Nitroaniline
 Concen: 3.22 ng
 RT: 9.46 min Scan# 641
 Delta R.T. 0.02 min
 Lab File: BF082328.D
 Acq: 16 Oct 2015 16:23

Tgt Ion: 65 Resp: 6692
 Ion Ratio Lower Upper
 65 100
 92 70.4 52.3 78.5
 138 100.8 72.2 108.4





#48

Acenaphthylene

Concen: 5.40 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

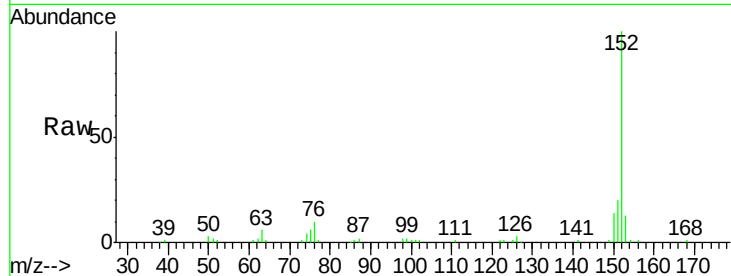
Tot Ion:152 Resp: 63601

Ion Ratio Lower Upper

152 100

151 19.6 16.4 24.6

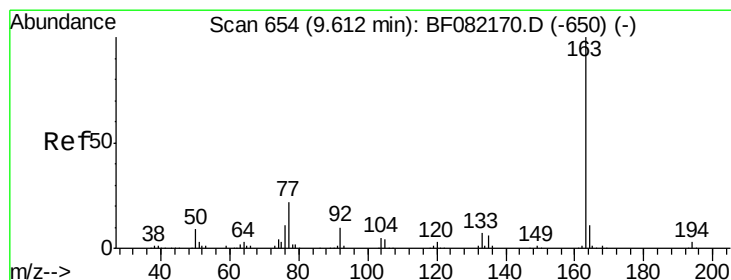
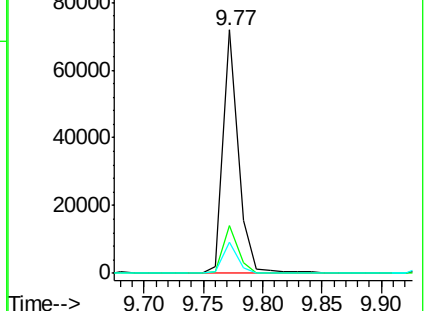
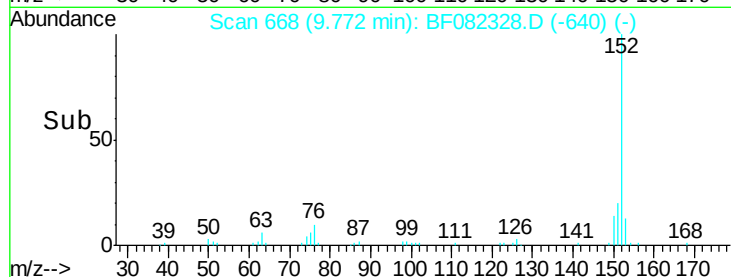
153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.96 ng

RT: 9.63 min Scan# 656

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

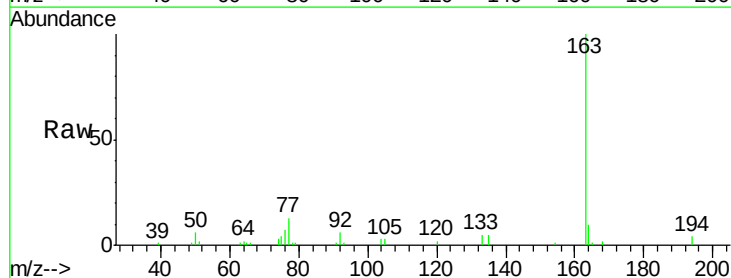
Tgt Ion:163 Resp: 43971

Ion Ratio Lower Upper

163 100

194 4.5 2.6 4.0#

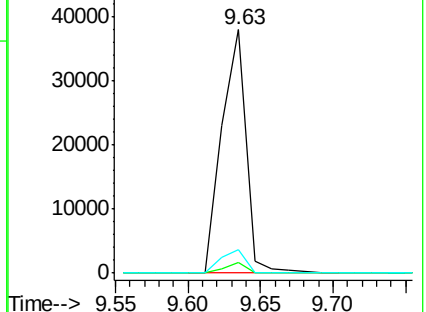
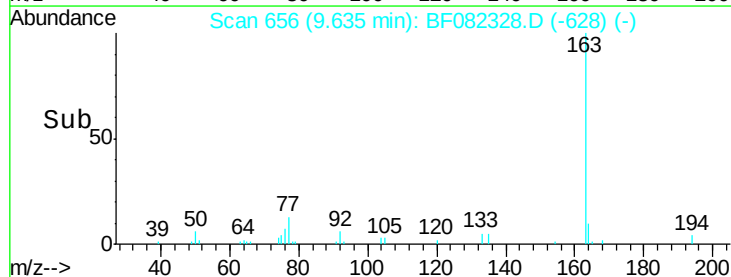
164 9.8 8.5 12.7

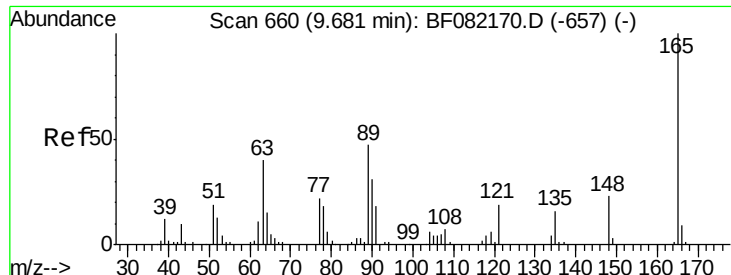


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

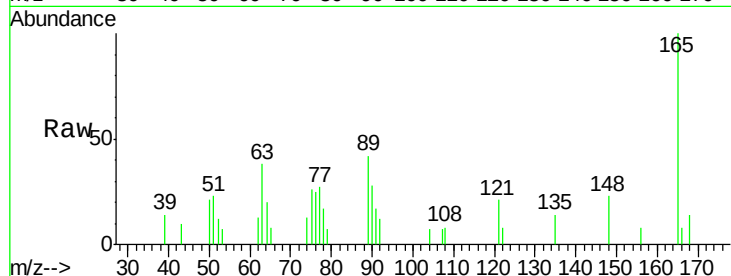




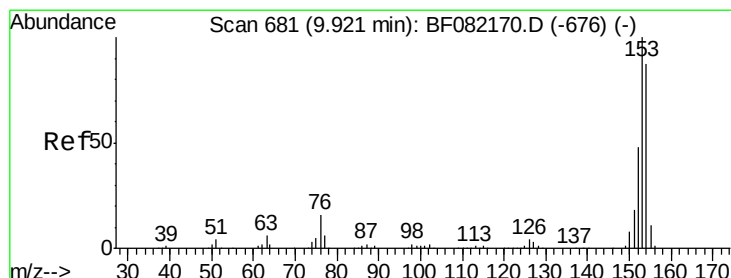
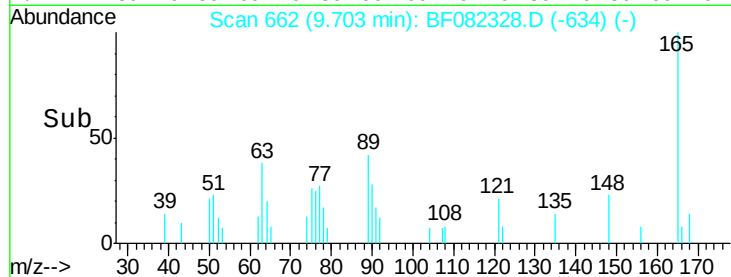
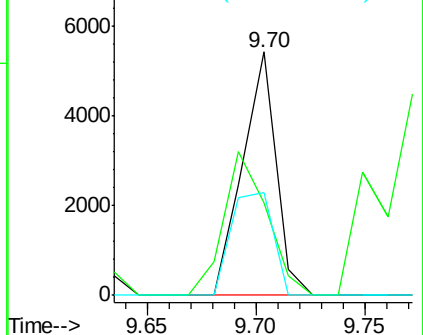
#50
2,6-Dinitrotoluene
Concen: 3.10 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

Tot Ion:165 Resp: 5800
Ion Ratio Lower Upper
165 100
63 38.0 36.7 55.1
89 42.2 37.8 56.6

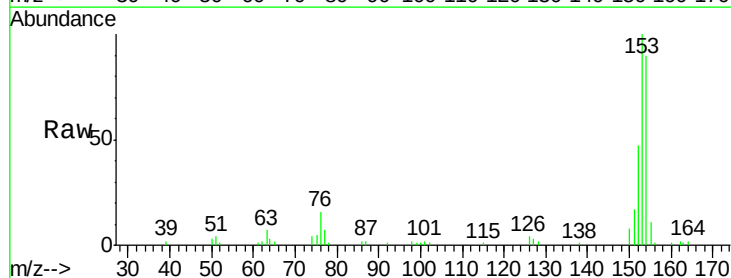


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

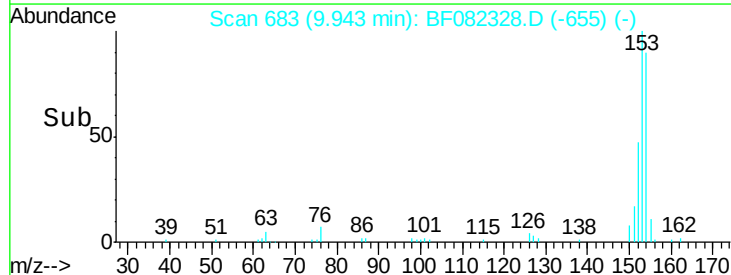
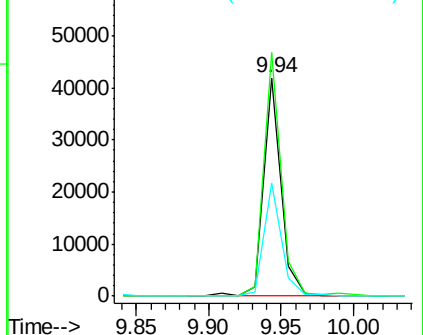


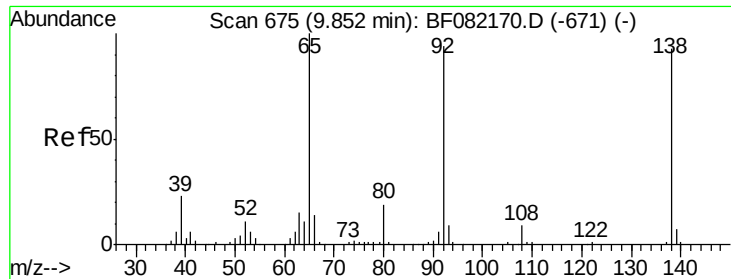
#51
Acenaphthene
Concen: 4.88 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:154 Resp: 34543
Ion Ratio Lower Upper
154 100
153 111.6 91.4 137.2
152 52.0 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

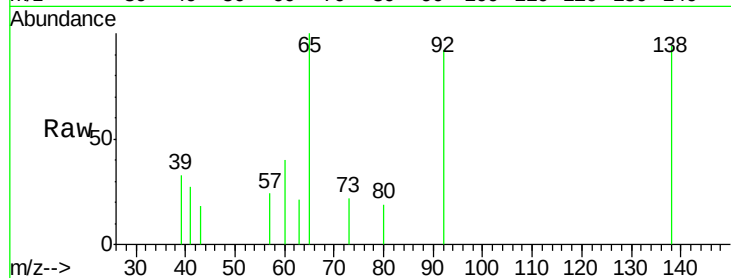




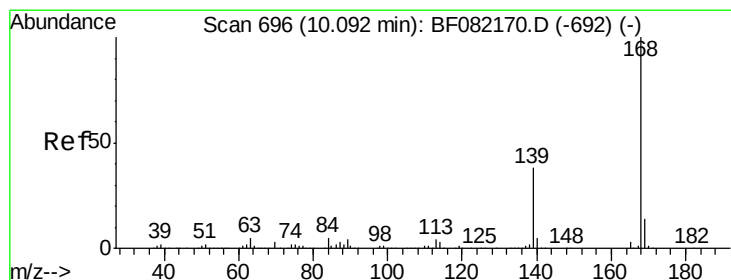
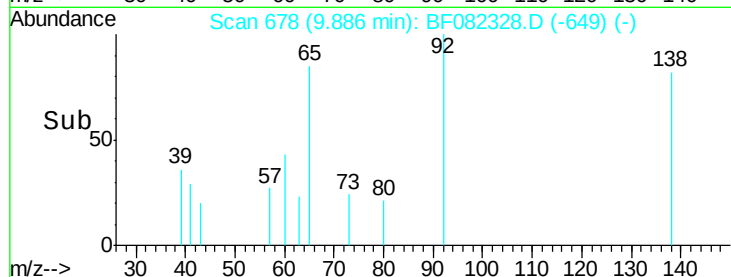
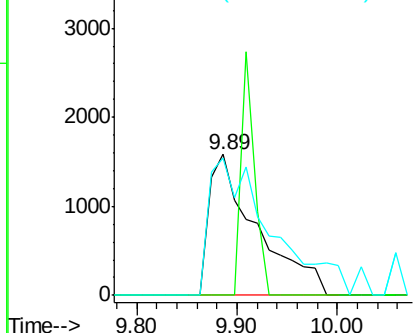
#52
3-Nitroaniline
Concen: 2.47 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Instrument :
BNA_F
ClientSampled :
TK1-1-20151015MS

Tot Ion:138 Resp: 5224
Ion Ratio Lower Upper
138 100
108 0.0 7.4 11.0#
92 97.7 81.3 121.9

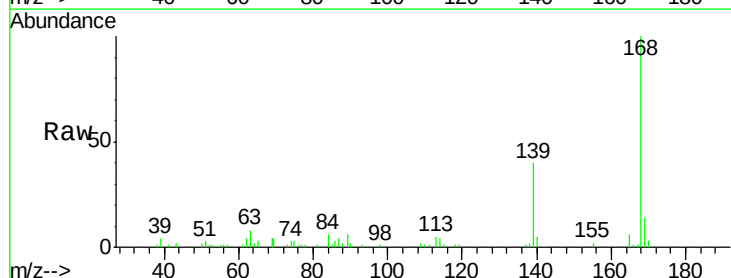


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

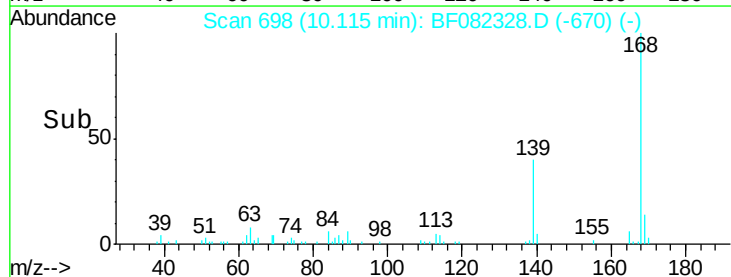
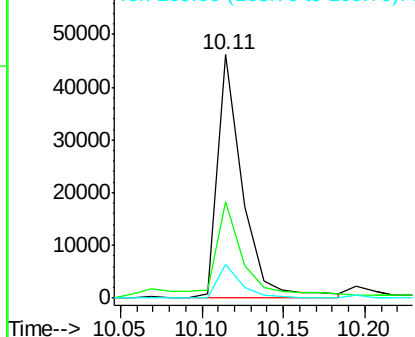


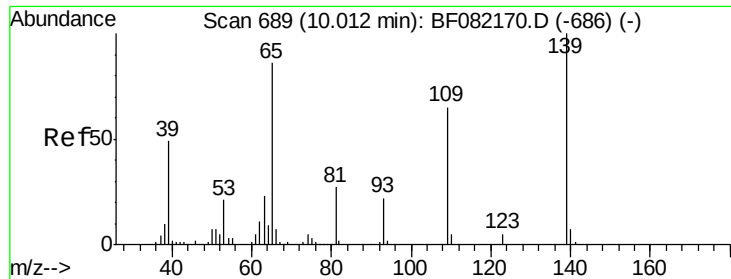
#54
Dibenzofuran
Concen: 5.09 ng
RT: 10.11 min Scan# 698
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:168 Resp: 49437
Ion Ratio Lower Upper
168 100
139 39.6 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: 25.98 ng

RT: 10.11 min Scan# 698

Delta R.T. 0.09 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

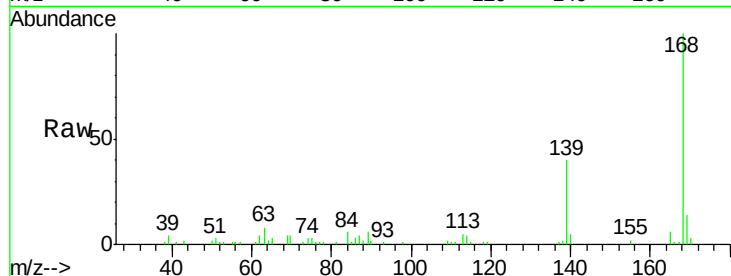
Tot Ion:139 Resp: 28189

Ion Ratio Lower Upper

139 100

109 4.8 44.8 84.8#

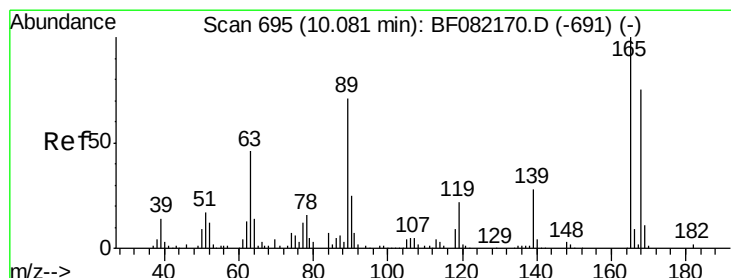
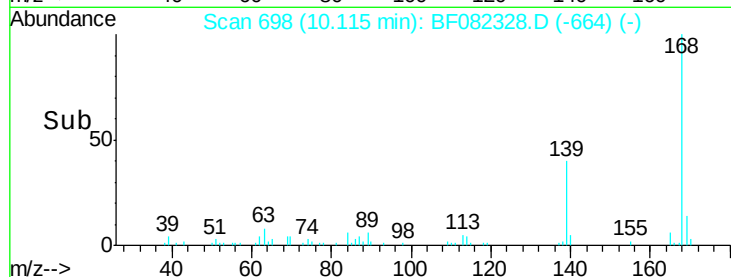
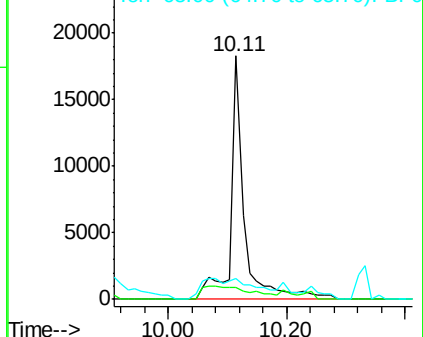
65 8.7 67.7 107.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 3.58 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Tgt Ion:165 Resp: 8381

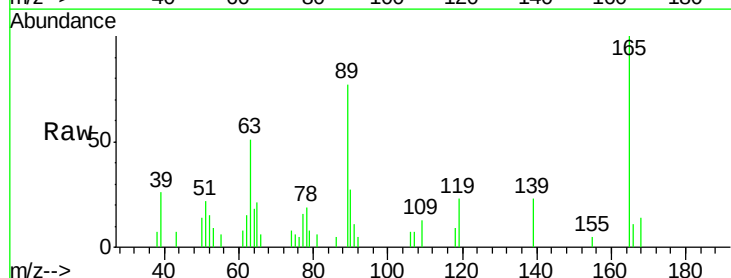
Ion Ratio Lower Upper

165 100

63 50.8 38.6 58.0

89 76.8 57.0 85.6

182 0.0 1.8 2.6#

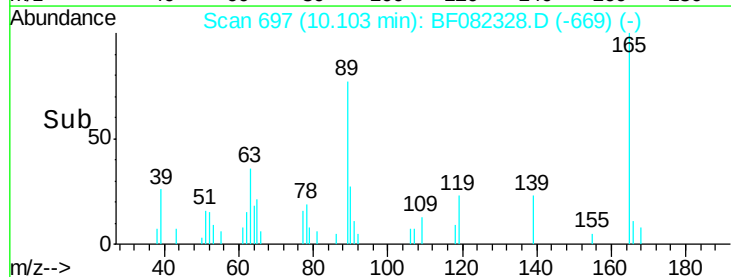
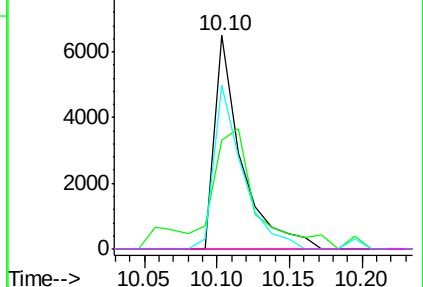


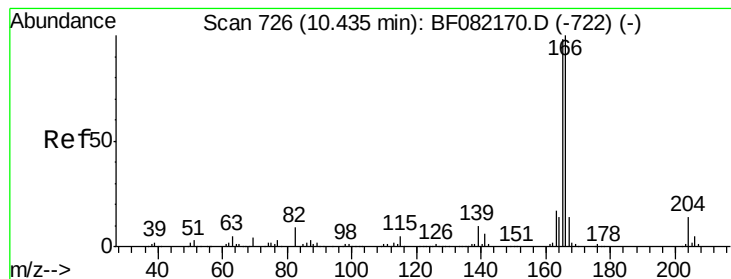
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 5.21 ng

RT: 10.46 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

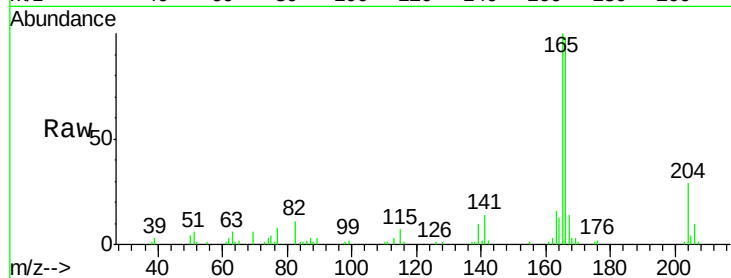
Tot Ion:166 Resp: 41582

Ion Ratio Lower Upper

166 100

165 101.6 78.3 117.5

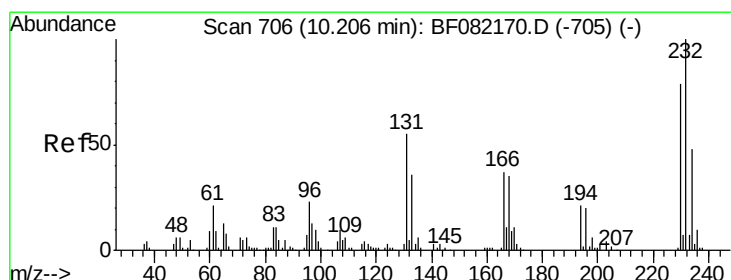
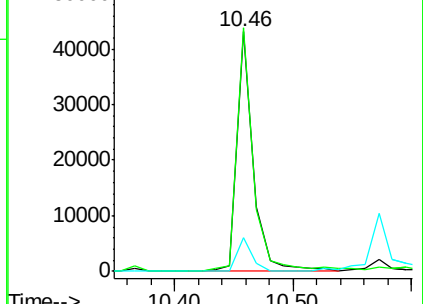
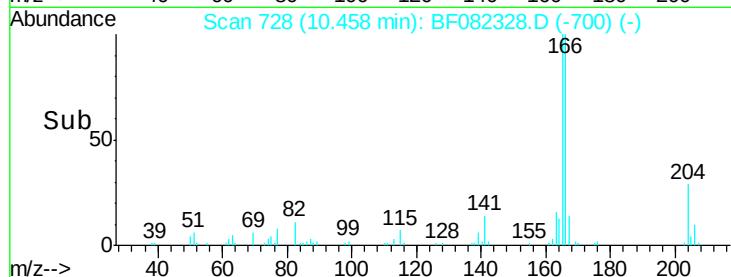
167 14.0 10.8 16.2



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: 3.92 ng

RT: 10.24 min Scan# 709

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Tgt Ion:232 Resp: 8639

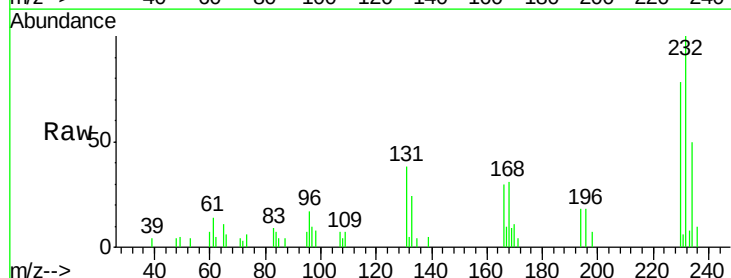
Ion Ratio Lower Upper

232 100

131 39.3 36.6 54.8

130 0.0 1.5 2.3#

166 28.8 24.6 37.0

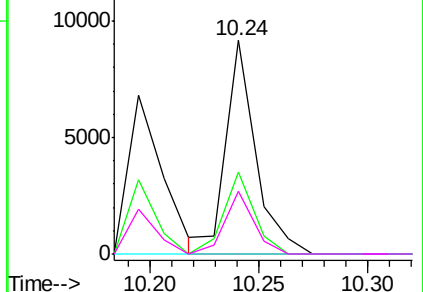
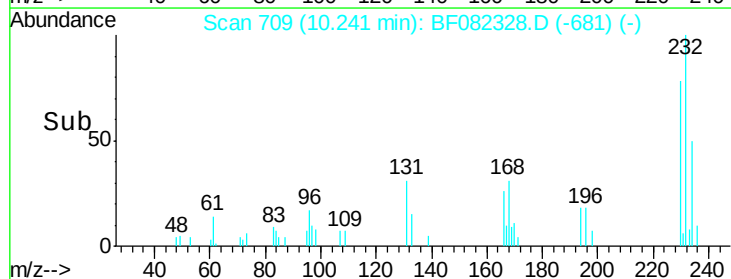


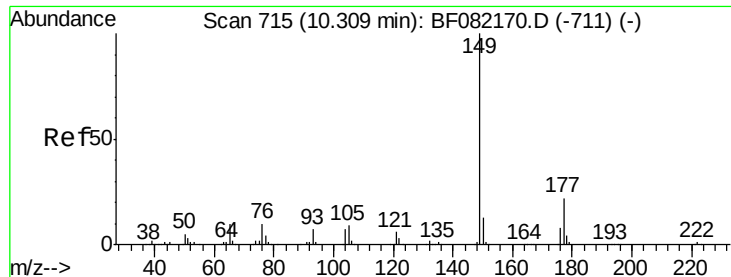
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

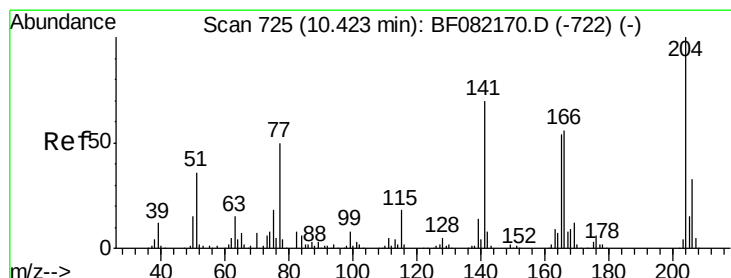
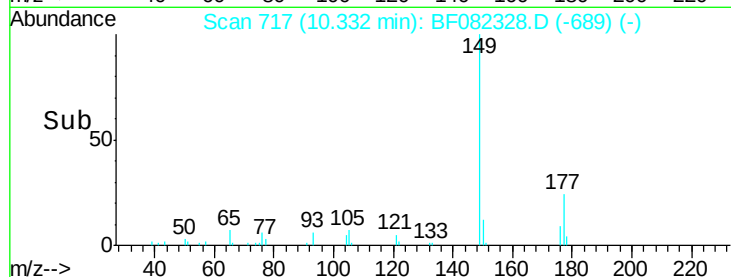
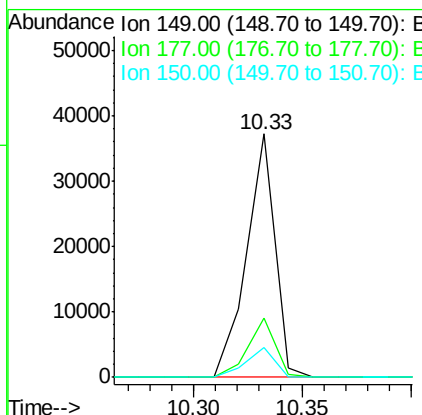
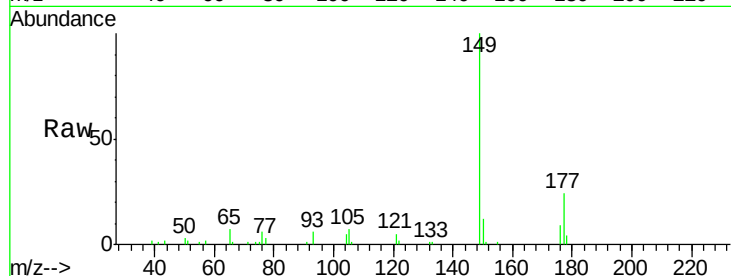




#59
Diethylphthalate
Concen: 4.07 ng
RT: 10.33 min Scan# 717
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

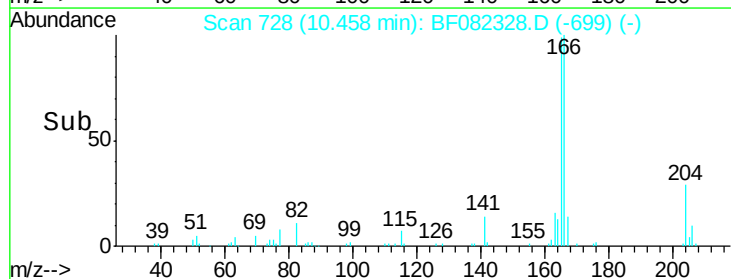
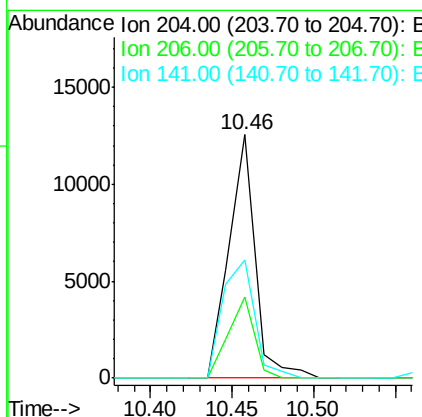
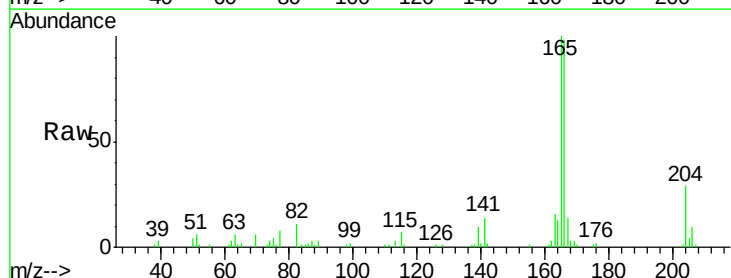
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

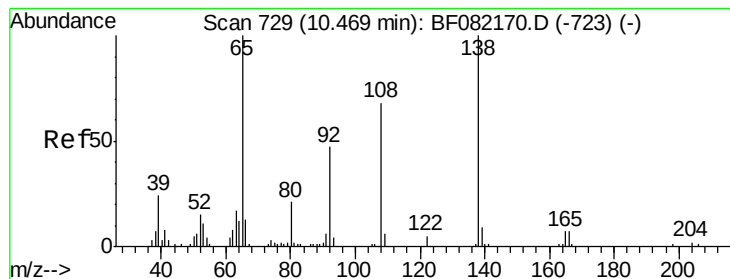
Tot Ion:149 Resp: 33672
Ion Ratio Lower Upper
149 100
177 24.2 17.6 26.4
150 12.0 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 3.81 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:204 Resp: 13913
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 48.5 56.1 84.1#





#61

4-Nitroaniline

Concen: 2.89 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

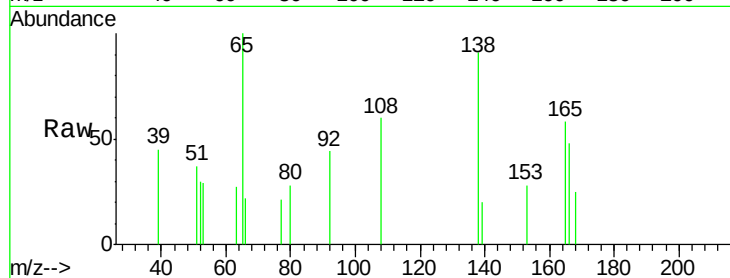
Tot Ion:138 Resp: 5920

Ion Ratio Lower Upper

138 100

92 48.0 26.8 66.8

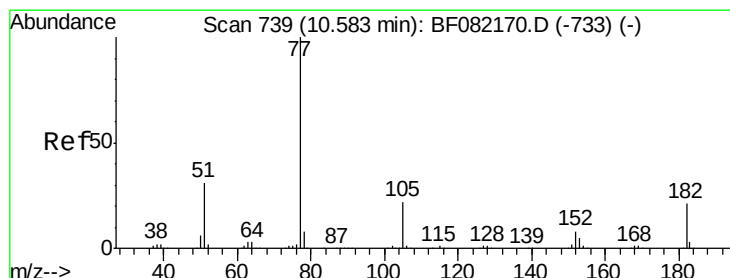
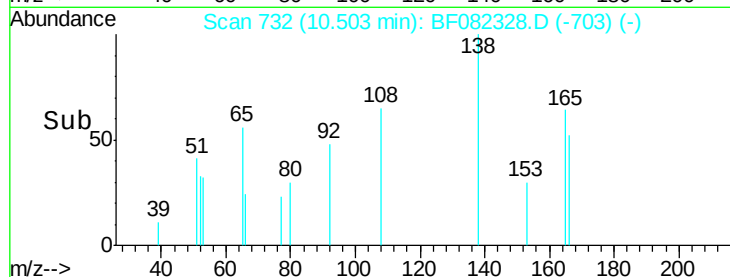
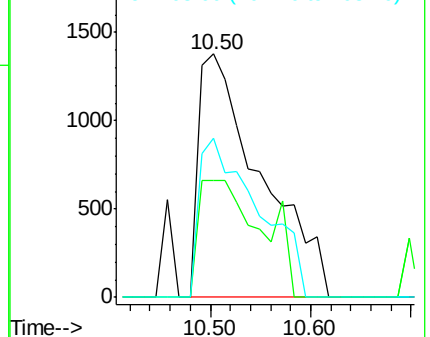
108 65.3 48.4 88.4



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: 3.93 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Tgt Ion: 77 Resp: 31832

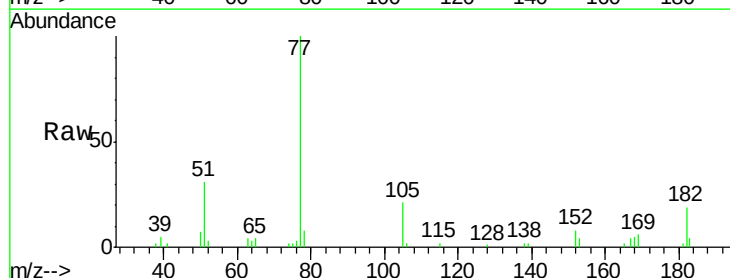
Ion Ratio Lower Upper

77 100

182 18.8 0.5 40.5

105 20.6 1.8 41.8

51 31.4 11.2 51.2

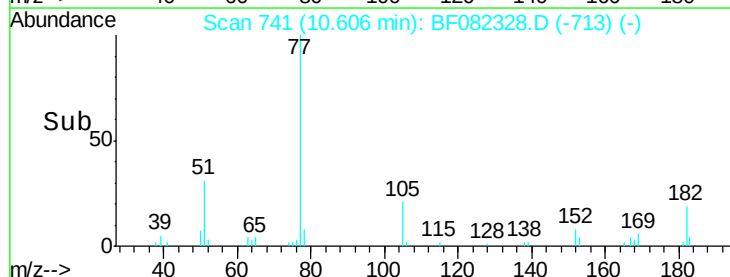
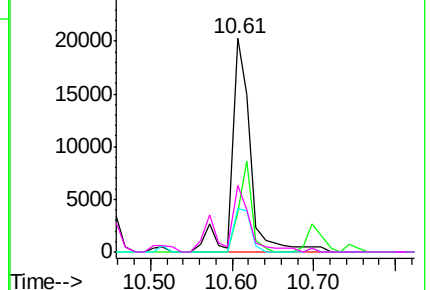


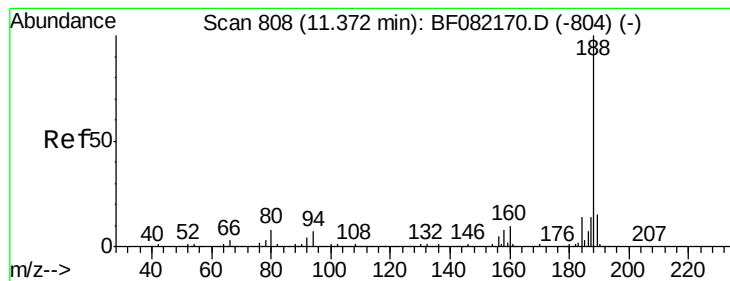
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.39 min Scan# 810

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

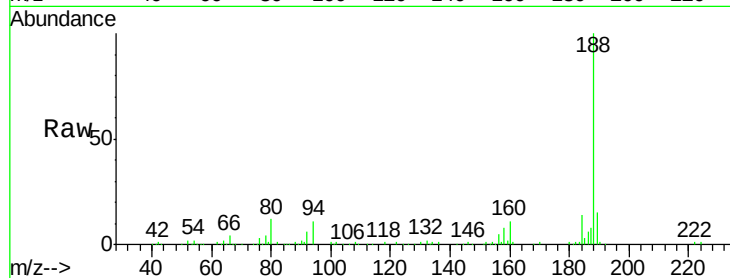
Tot Ion:188 Resp: 273091

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.6#

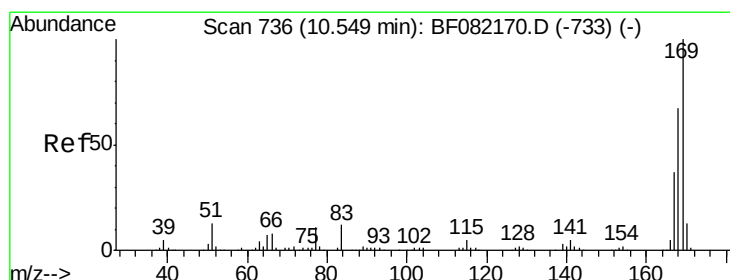
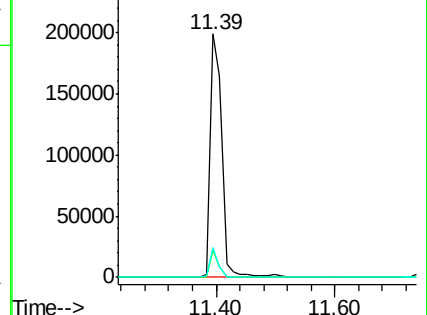
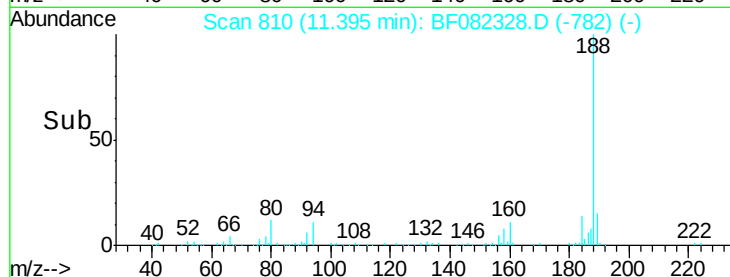
80 12.3 6.4 9.6#



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



#65

n-Nitrosodiphenylamine

Concen: 3.62 ng

RT: 10.57 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

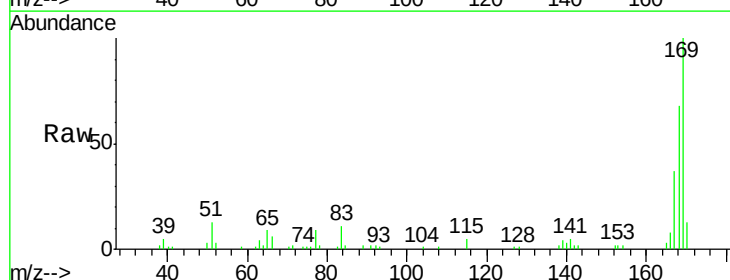
Tgt Ion:169 Resp: 29565

Ion Ratio Lower Upper

169 100

168 68.4 54.0 81.0

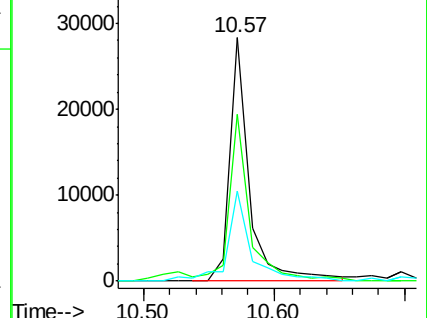
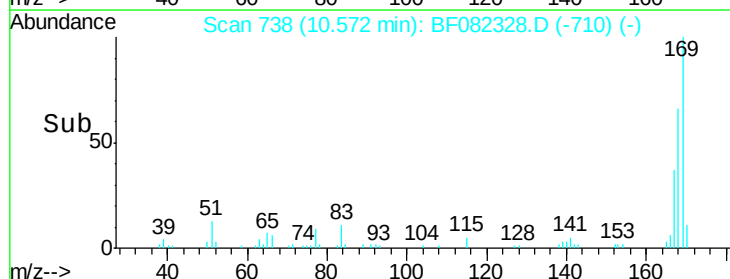
167 37.0 29.6 44.4

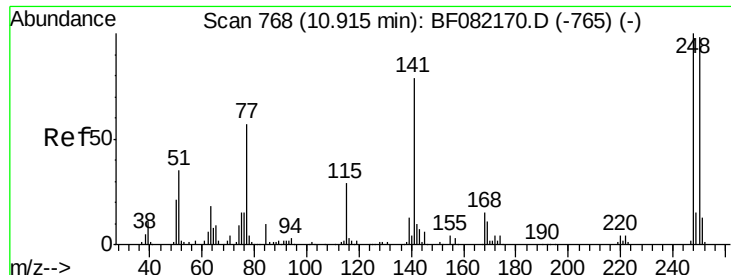


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

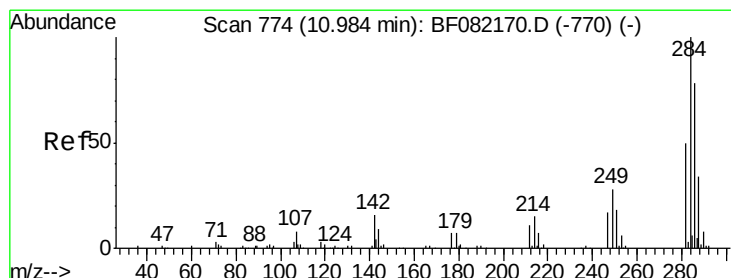
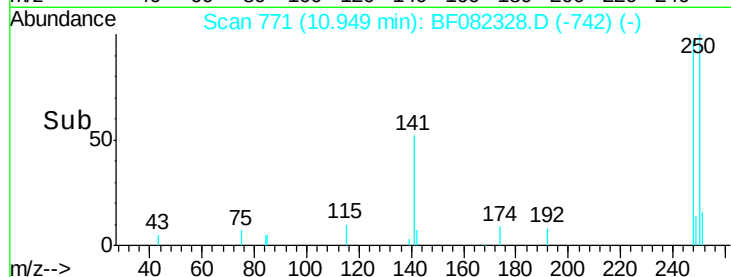
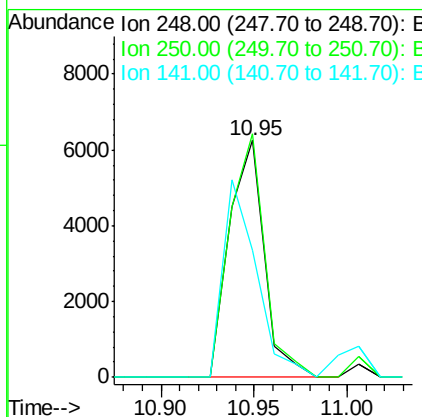
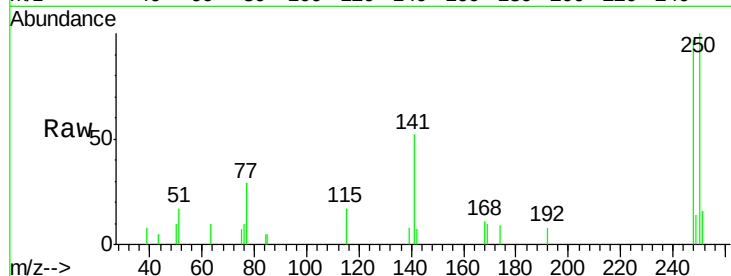




#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.95 min Scan# 771
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

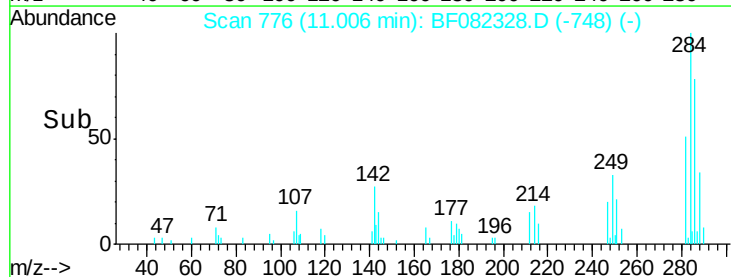
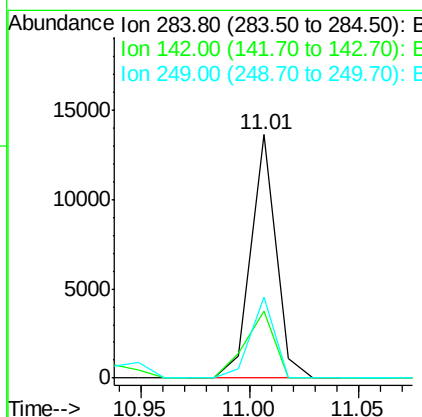
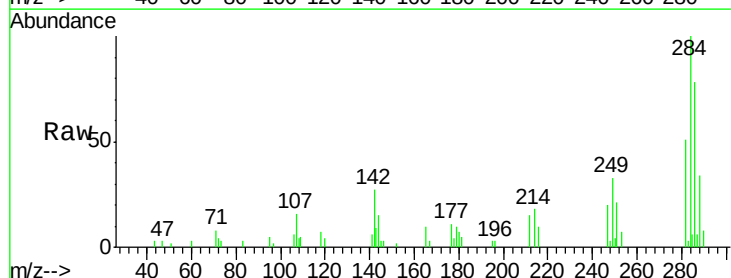
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

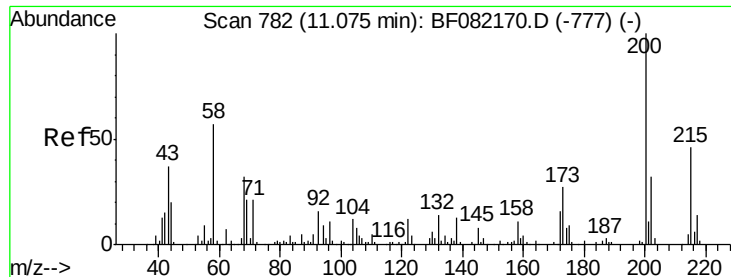
Tot Ion:248 Resp: 8172
Ion Ratio Lower Upper
248 100
250 102.8 78.6 117.8
141 53.4 63.3 94.9#



#67
Hexachlorobenzene
Concen: 3.71 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:284 Resp: 10954
Ion Ratio Lower Upper
284 100
142 27.5 13.0 19.6#
249 33.2 22.5 33.7

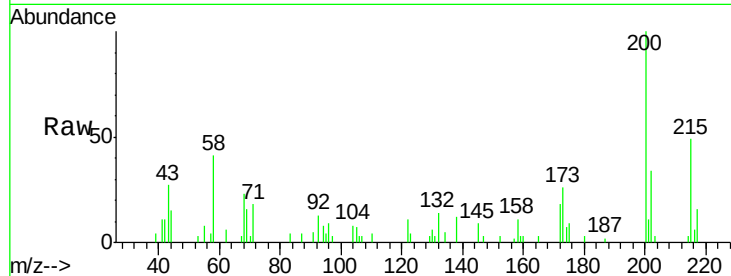




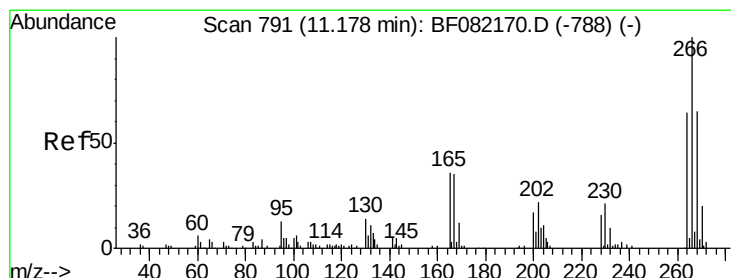
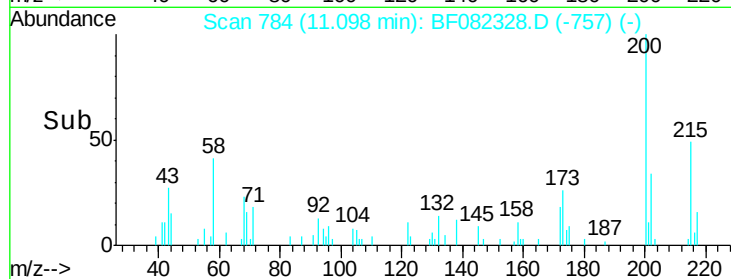
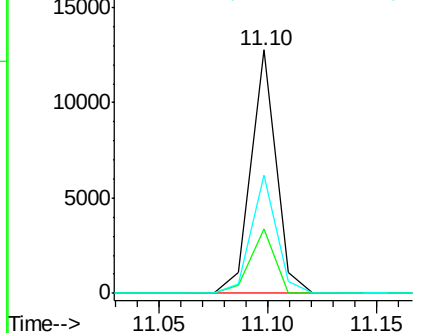
#68
Atrazine
Concen: 3.96 ng
RT: 11.10 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.3	47.3
215	48.5	26.2	66.2

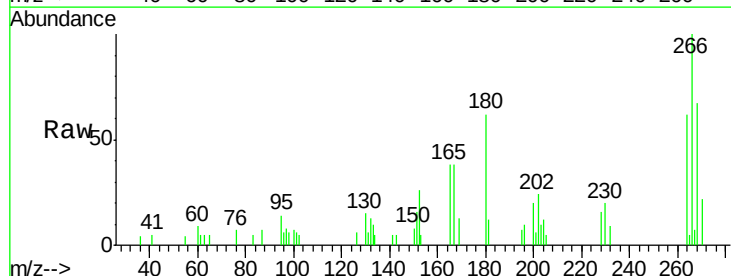


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

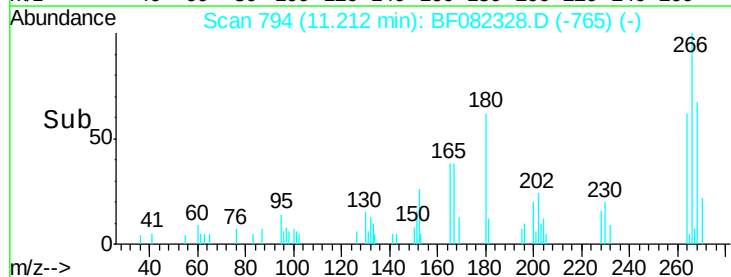
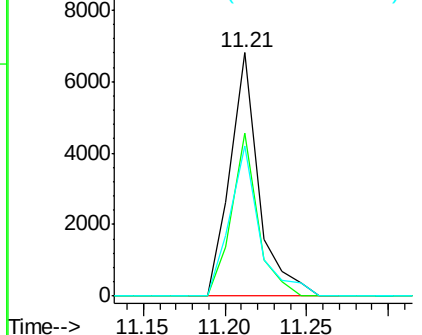


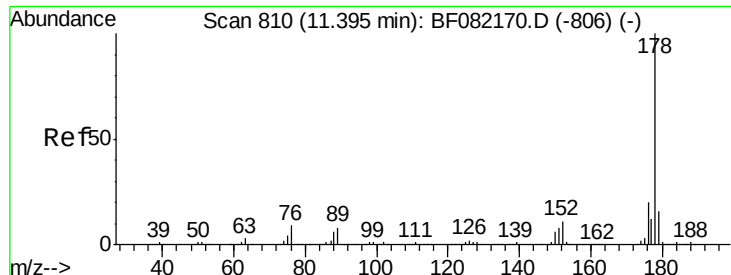
#69
Pentachlorophenol
Concen: 5.45 ng
RT: 11.21 min Scan# 794
Delta R.T. 0.03 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	52.0	78.0
264	61.5	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: 15.27 ng

RT: 11.43 min Scan# 813

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

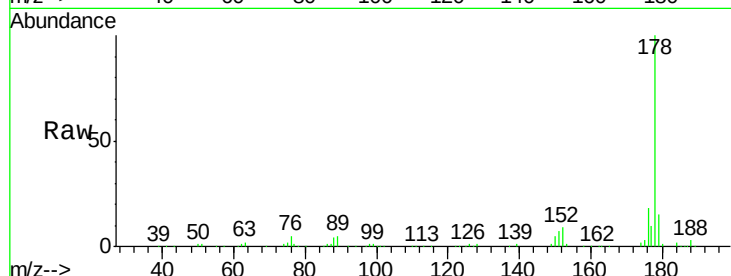
Tot Ion:178 Resp: 204409

Ion Ratio Lower Upper

178 100

176 18.2 16.0 24.0

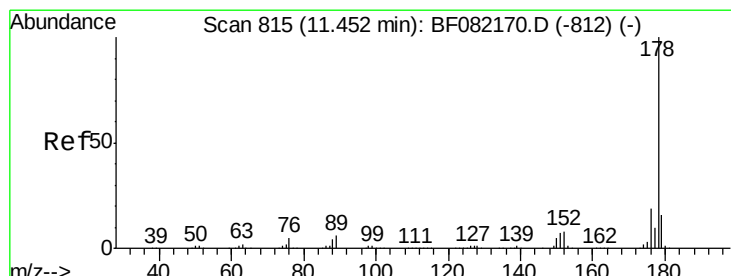
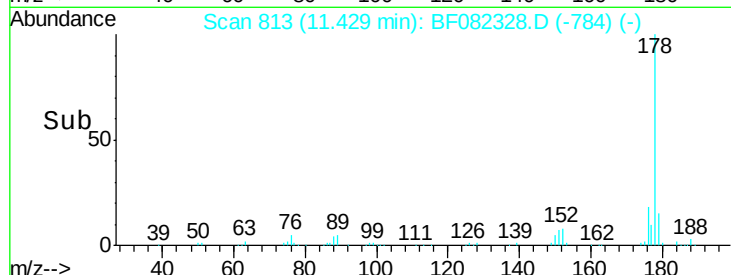
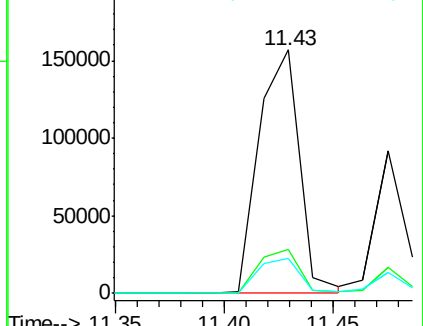
179 14.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 6.92 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

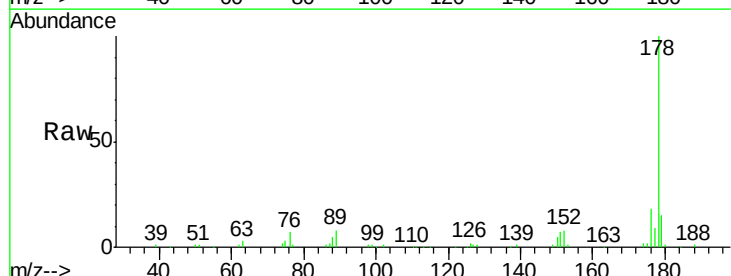
Tgt Ion:178 Resp: 95482

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

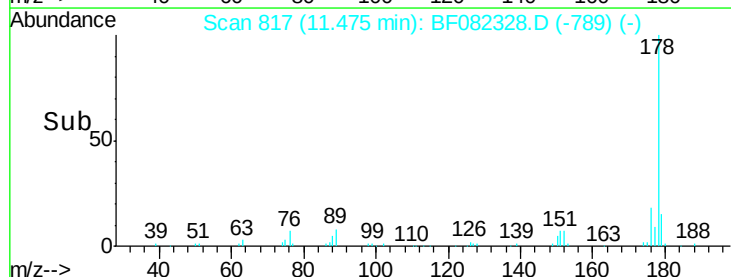
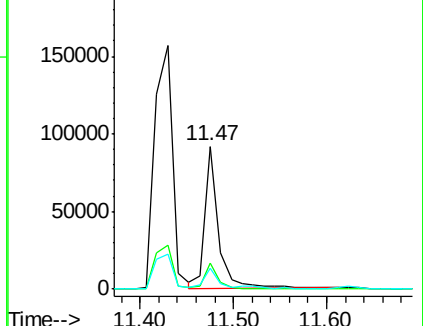
179 15.0 12.5 18.7

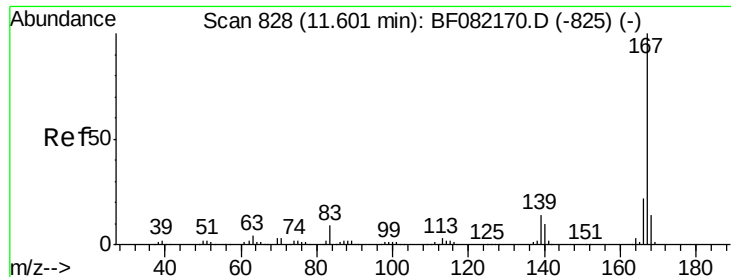


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

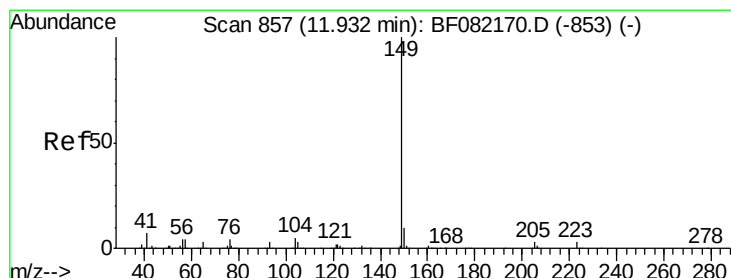
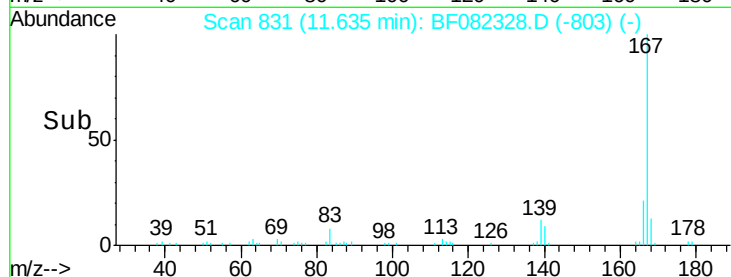
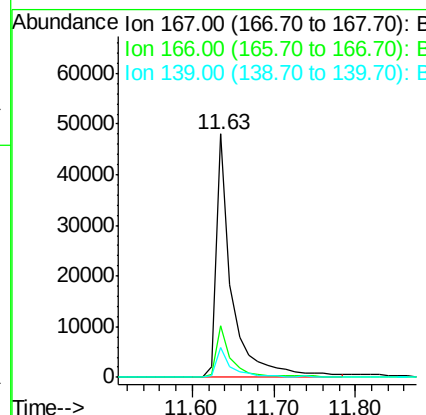
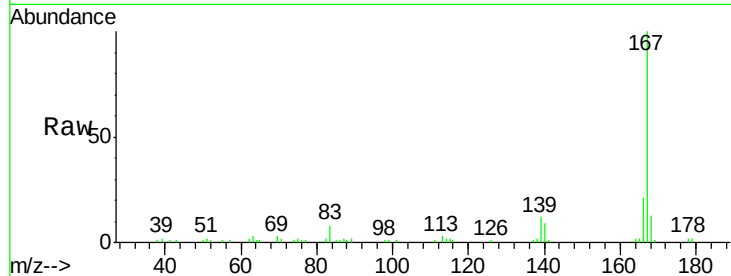




#72
 Carbazole
 Concen: 5.13 ng
 RT: 11.63 min Scan# 831
 Delta R.T. 0.02 min
 Lab File: BF082328.D
 Acq: 16 Oct 2015 16:23

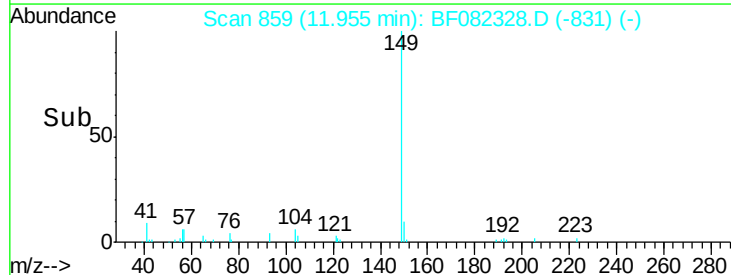
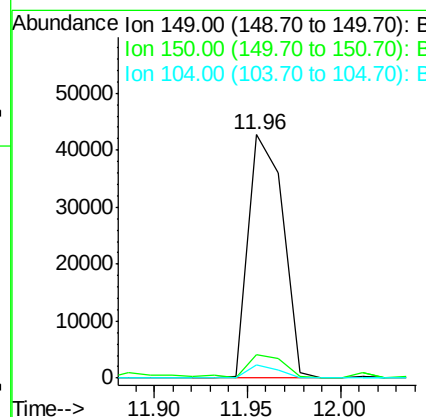
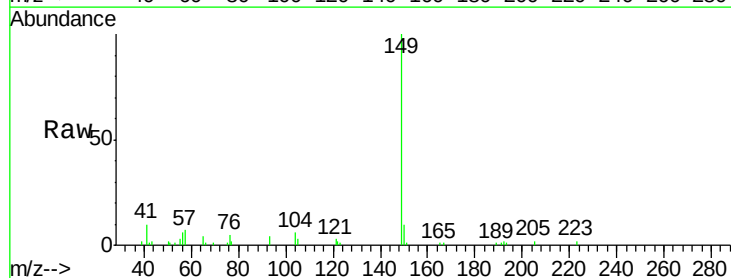
Instrument :
 BNA_F
 ClientSampleId :
 TK1-1-20151015MS

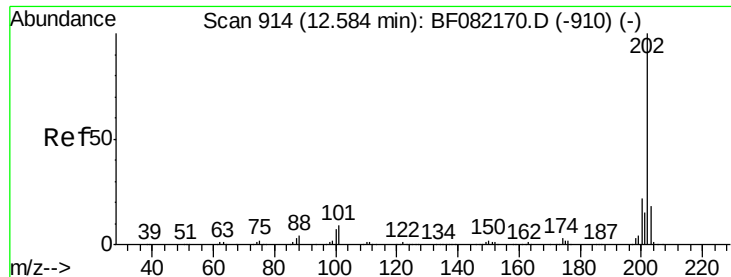
Tot Ion:167 Resp: 64611
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 12.5 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 3.53 ng
 RT: 11.96 min Scan# 859
 Delta R.T. 0.02 min
 Lab File: BF082328.D
 Acq: 16 Oct 2015 16:23

Tgt Ion:149 Resp: 54853
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.6 3.8 5.8

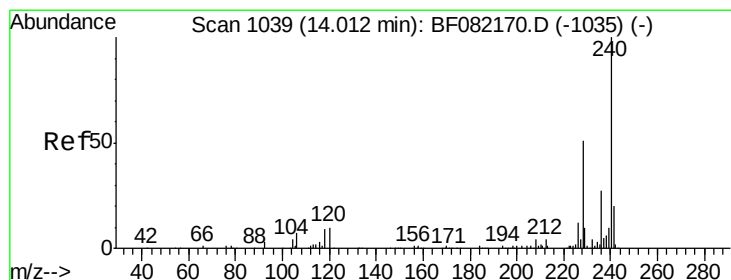
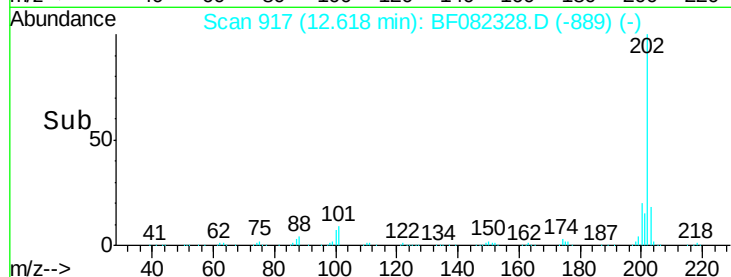
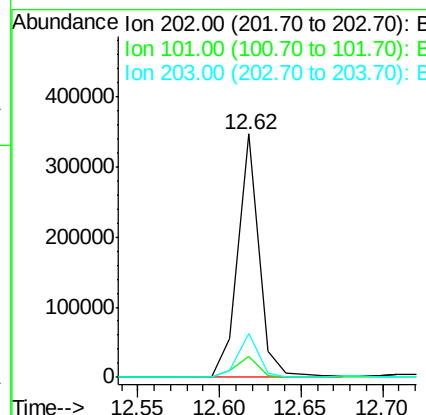
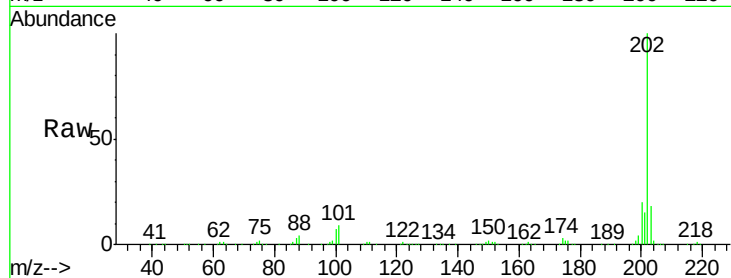




#74
Fluoranthene
Concen: 21.49 ng
RT: 12.62 min Scan# 917
Delta R.T. 0.02 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

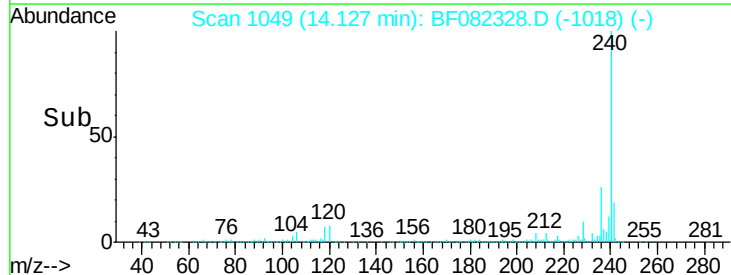
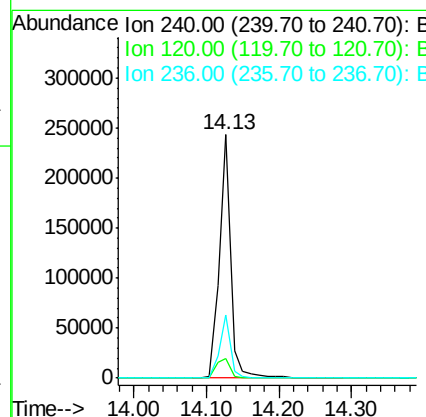
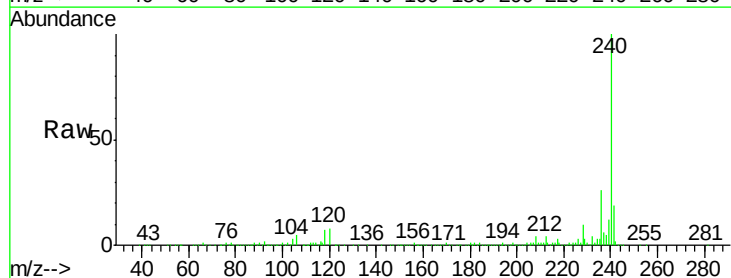
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

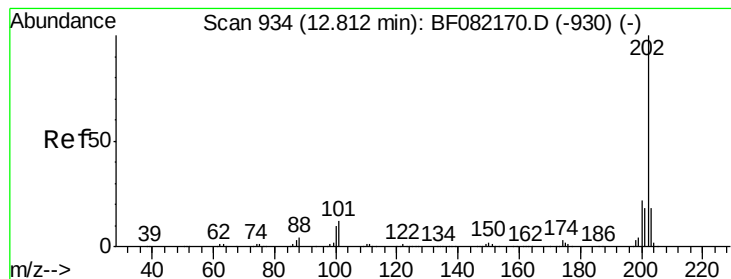
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.3
203	17.9	0.0	37.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1049
Delta R.T. 0.06 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.1	12.1#
236	25.7	21.3	31.9





#77

Pvrene

Concen: 17.33 ng

RT: 12.85 min Scan# 937

Delta R.T. 0.02 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

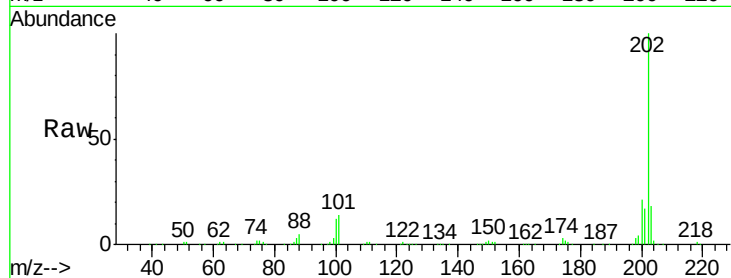
Tot Ion:202 Resp: 273492

Ion Ratio Lower Upper

202 100

200 21.0 17.9 26.9

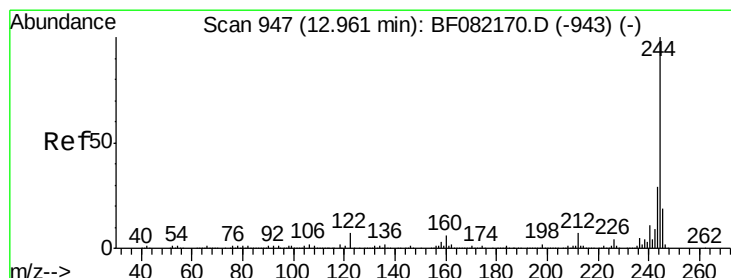
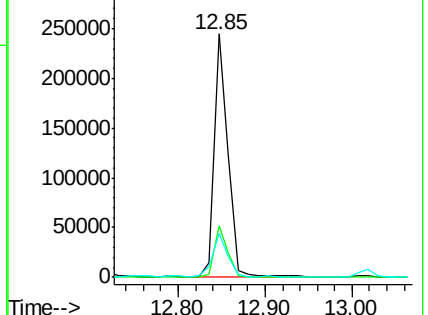
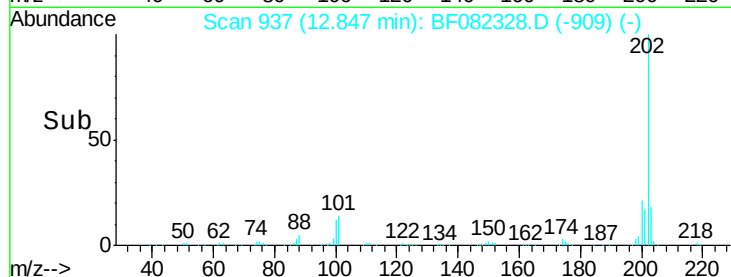
203 18.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 8.72 ng

RT: 13.00 min Scan# 950

Delta R.T. 0.03 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

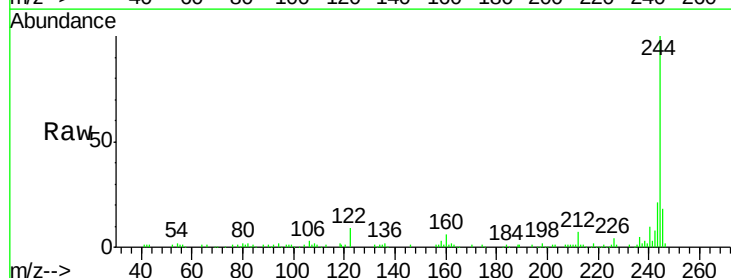
Tgt Ion:244 Resp: 87474

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

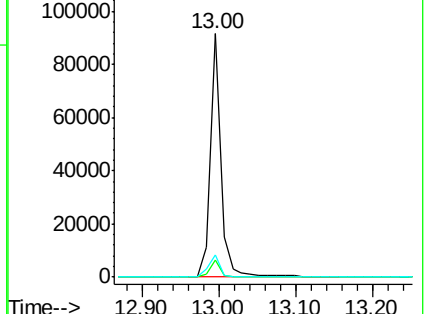
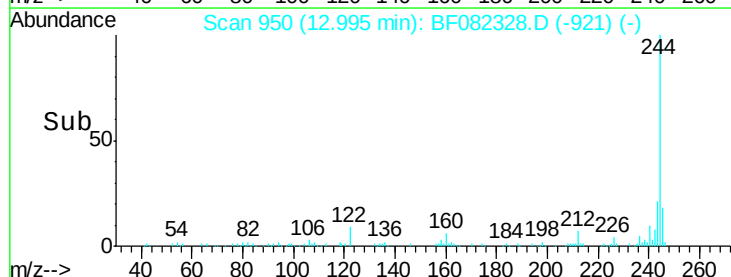
122 9.2 5.9 8.9#

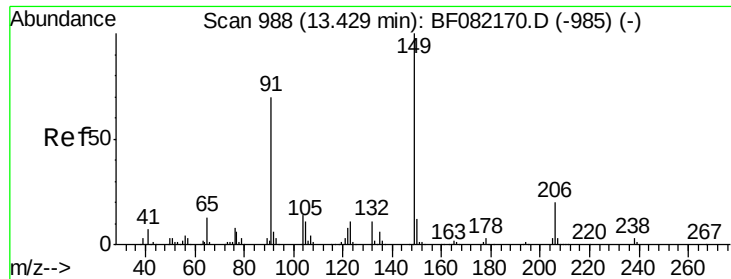


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 3.52 ng

RT: 13.50 min Scan# 994

Delta R.T. 0.05 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

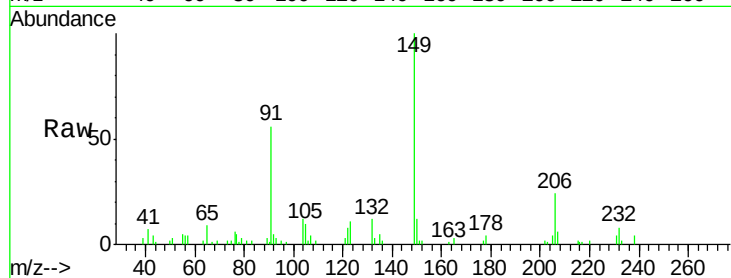
Tot Ion:149 Resp: 25355

Ion Ratio Lower Upper

149 100

91 56.4 55.7 83.5

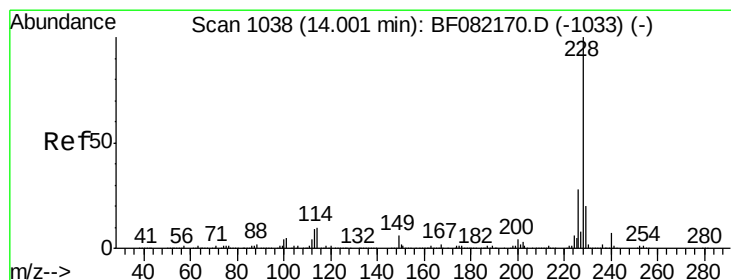
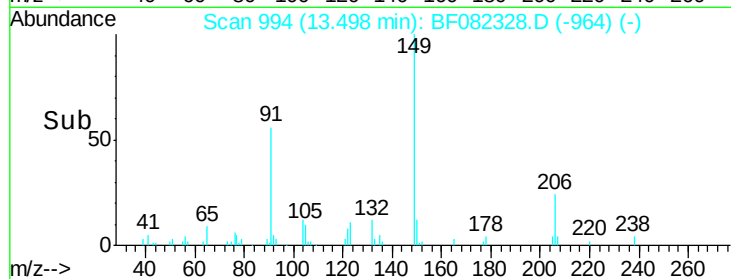
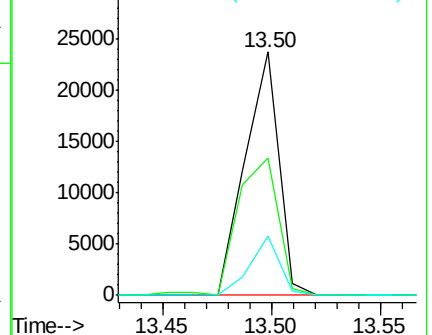
206 24.4 15.6 23.4#



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: 10.72 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.06 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

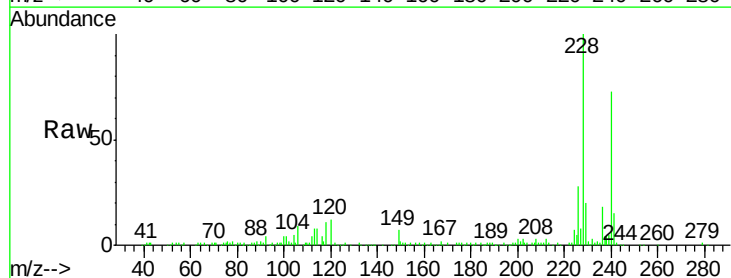
Tgt Ion:228 Resp: 148353

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

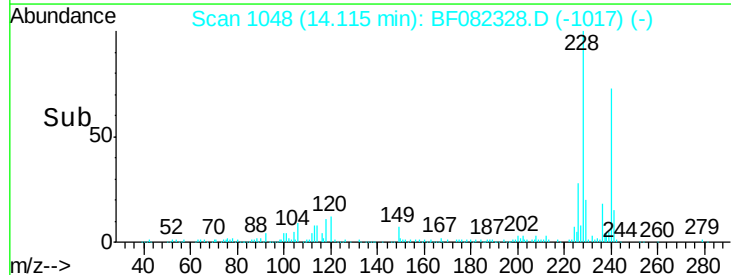
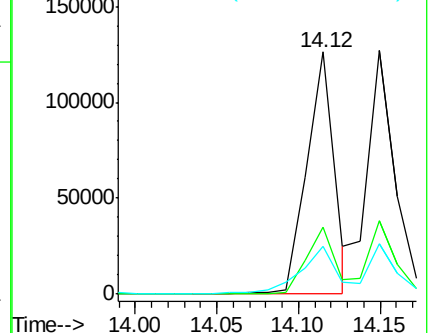
229 19.8 16.2 24.2

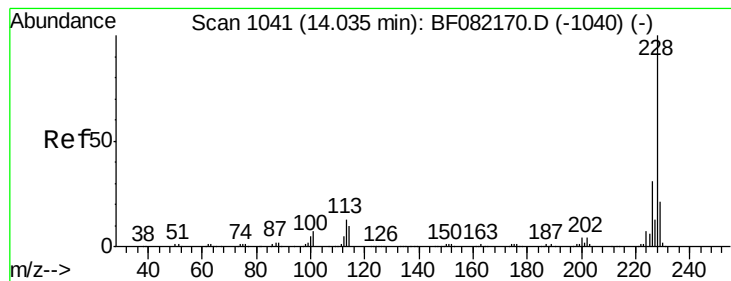


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 9.20 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.06 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

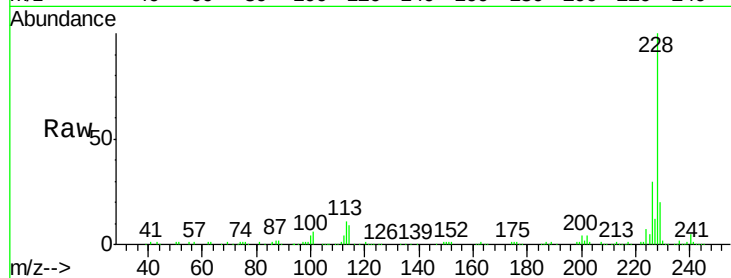
Tot Ion:228 Resp: 134116

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

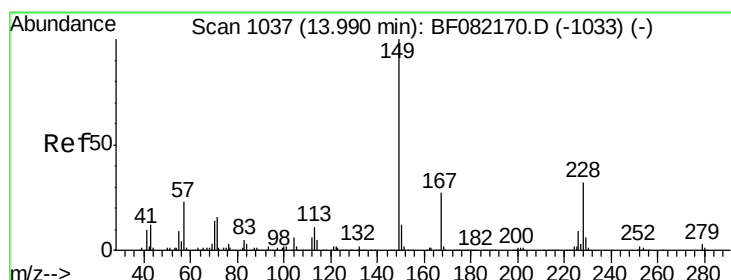
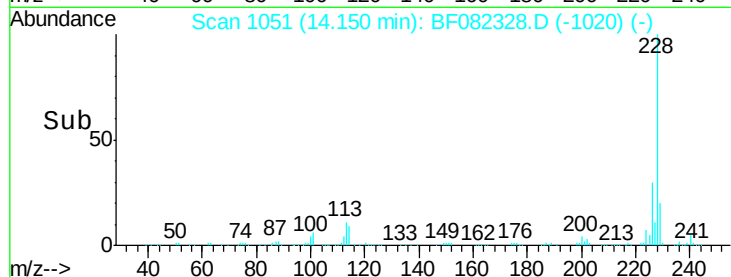
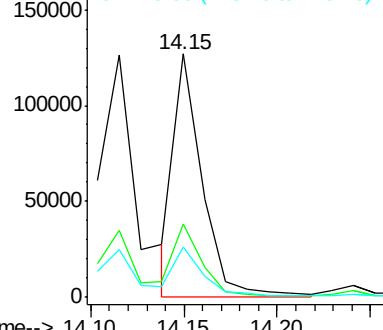
229 20.4 16.3 24.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.70 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.07 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

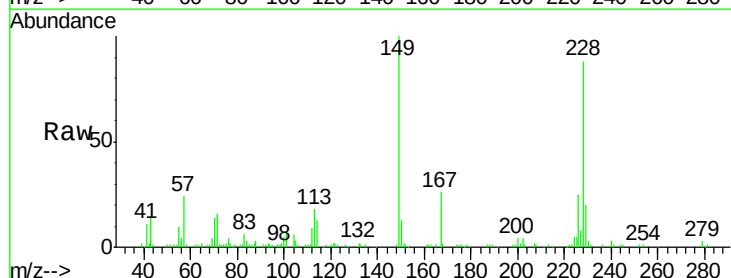
Tgt Ion:149 Resp: 68888

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

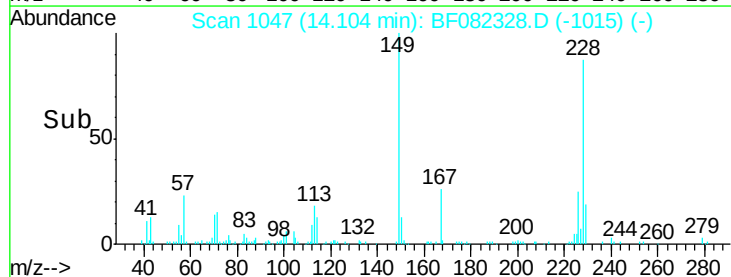
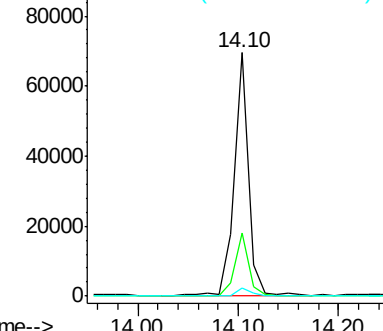
279 3.5 2.6 4.0

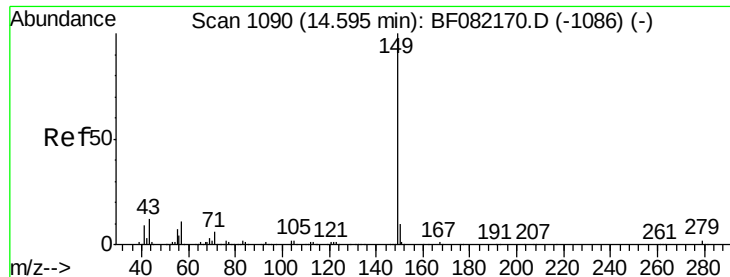


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 3.29 ng

RT: 14.80 min Scan# 1108

Delta R.T. 0.08 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

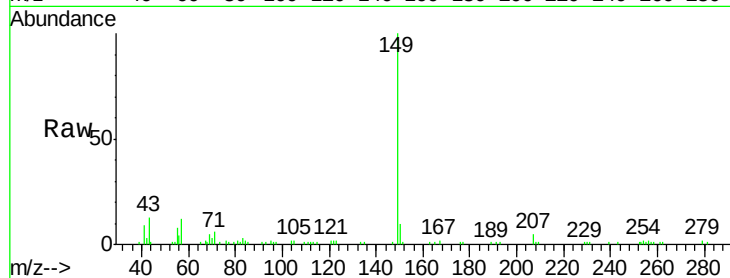
Tot Ion:149 Resp: 58084

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

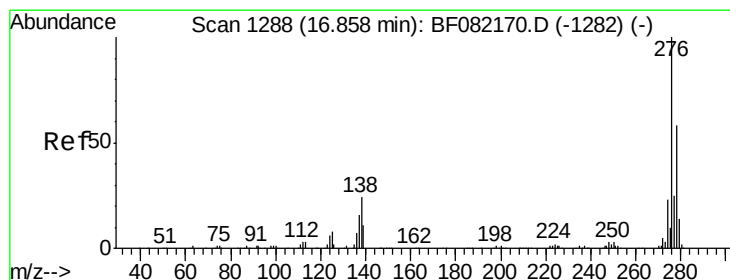
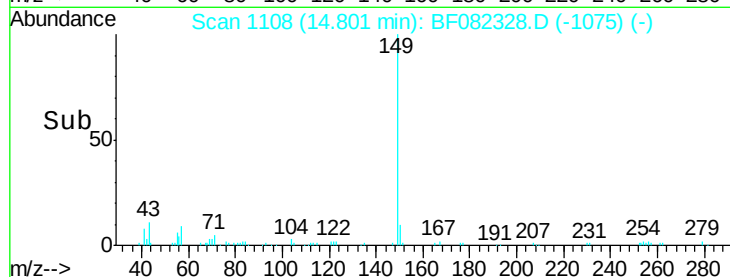
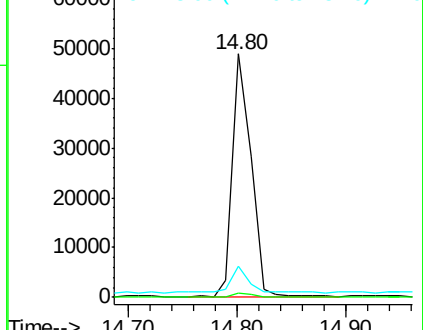
43 11.4 7.4 11.2#



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: 8.28 ng

RT: 17.17 min Scan# 1315

Delta R.T. 0.14 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

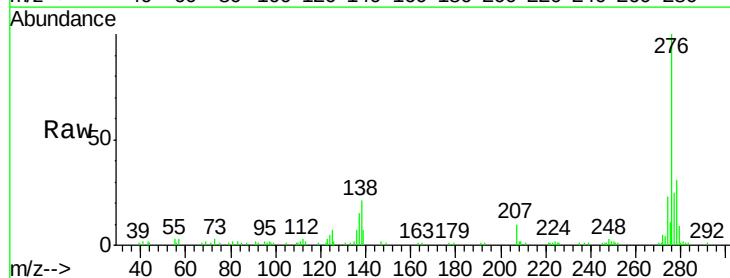
Tgt Ion:276 Resp: 95992

Ion Ratio Lower Upper

276 100

138 26.5 19.7 29.5

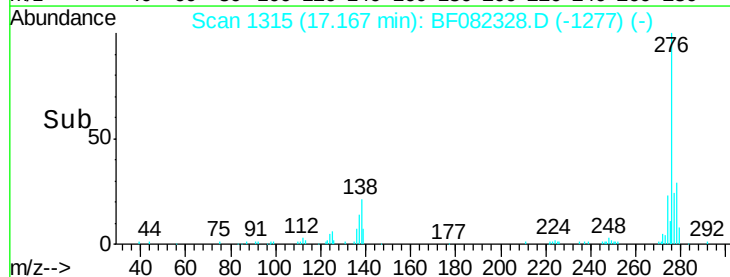
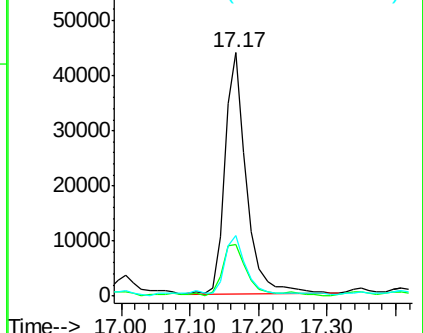
277 25.7 20.1 30.1

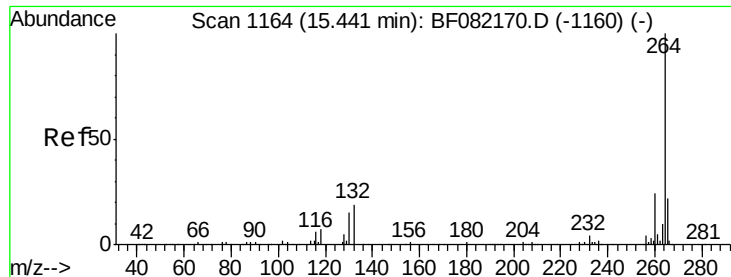


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

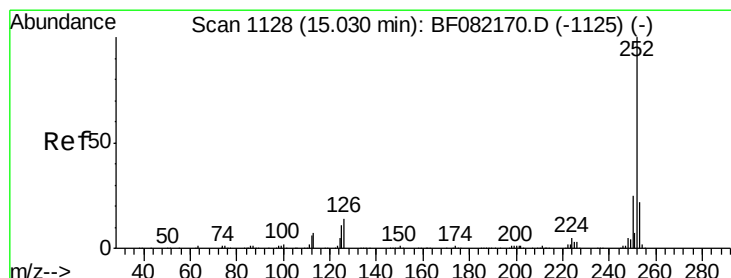
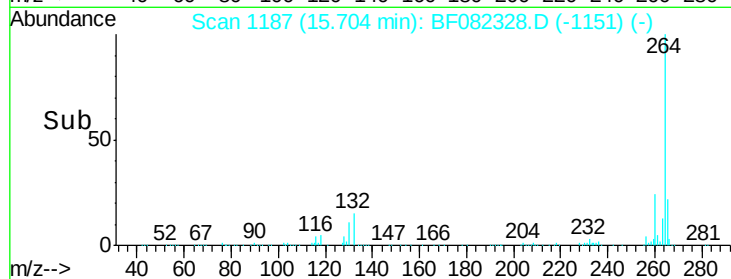
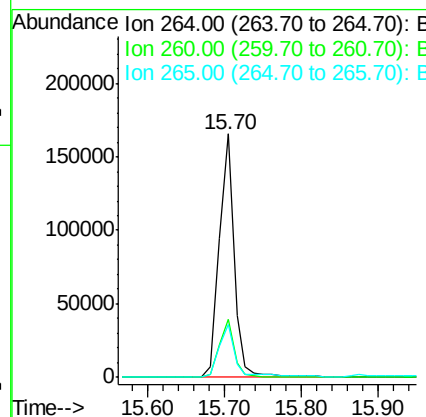
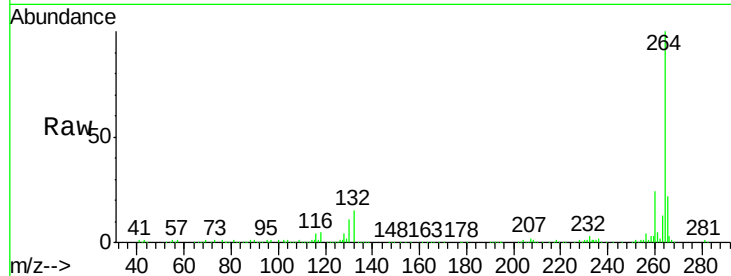




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1187
Delta R.T. 0.11 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

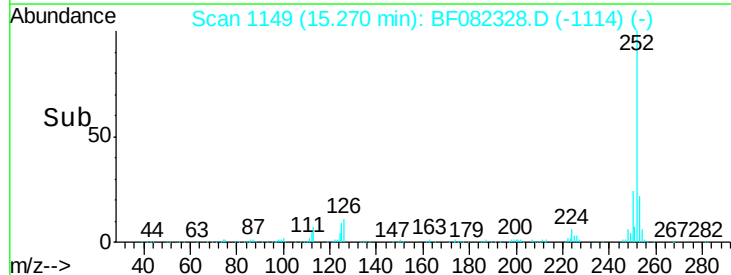
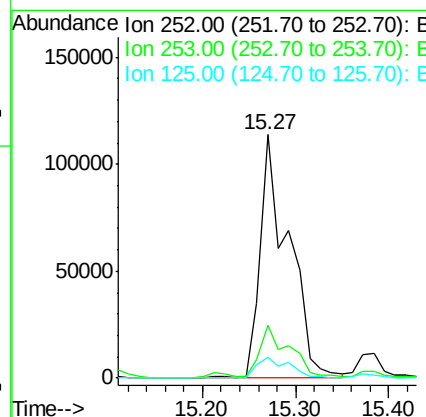
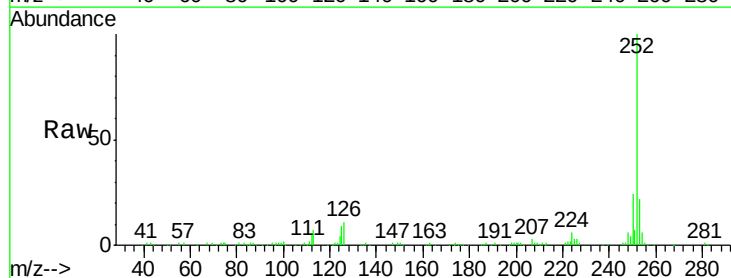
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

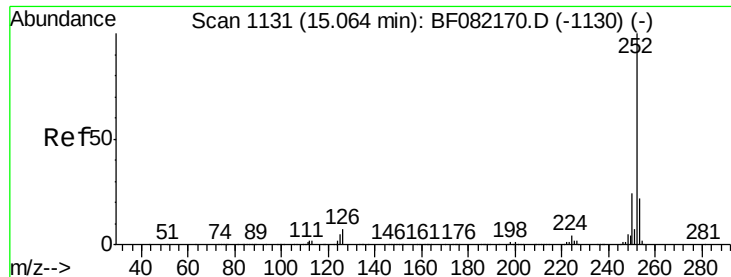
Tot Ion:264 Resp: 227615
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.6 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 17.32 ng
RT: 15.27 min Scan# 1149
Delta R.T. 0.10 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion:252 Resp: 239901
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.8 8.6 12.8

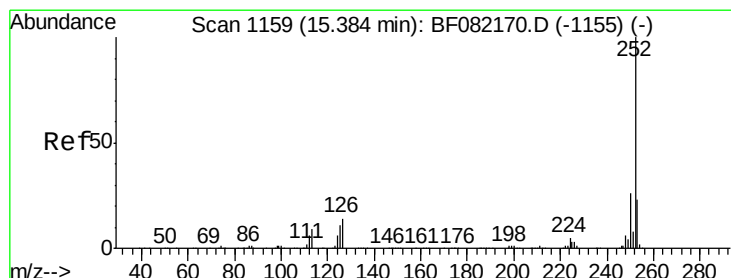
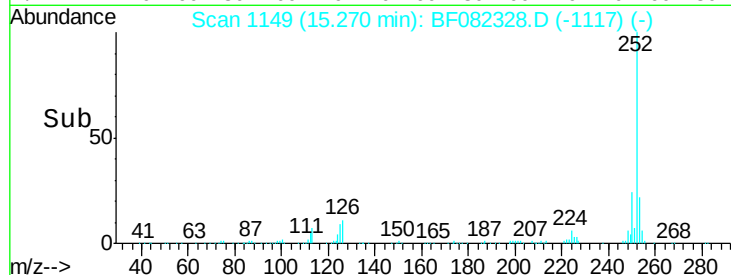
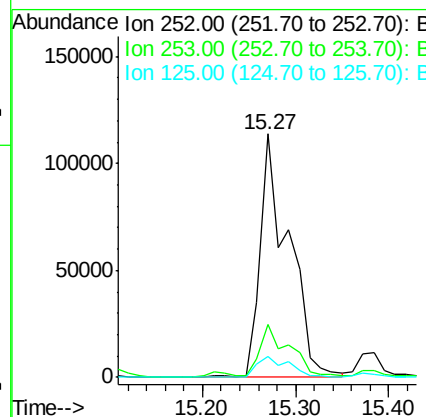
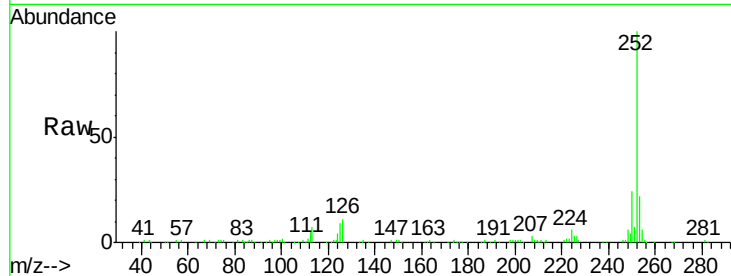




#88
Benzo(k)fluoranthene
Concen: 20.61 ng
RT: 15.27 min Scan# 1149
Delta R.T. 0.07 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

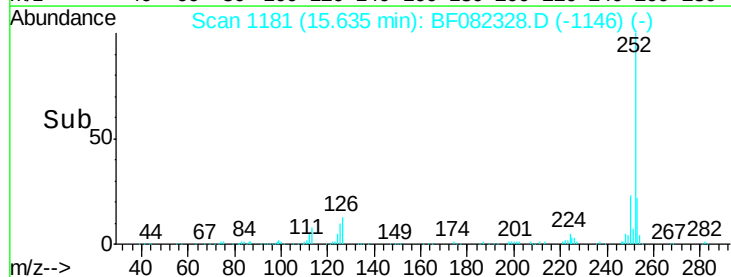
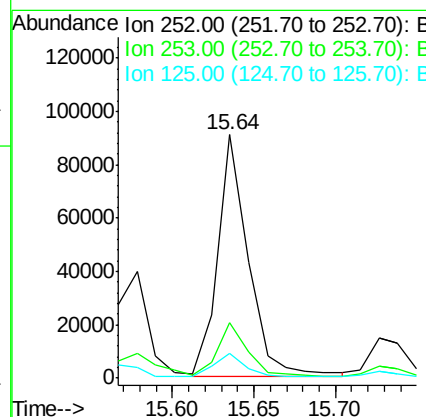
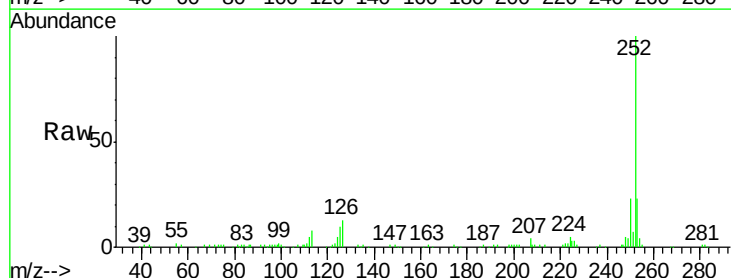
Instrument :
BNA_F
ClientSampleId :
TK1-1-20151015MS

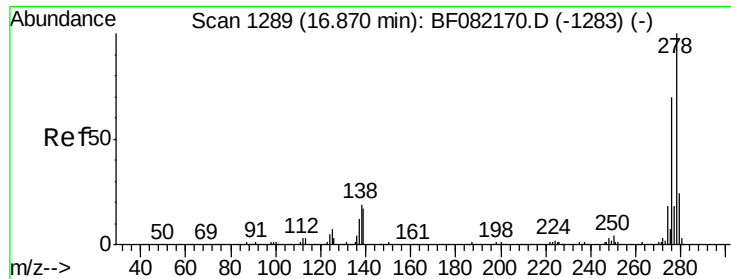
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.8	6.7	10.1



#89
Benzo(a)pyrene
Concen: 9.91 ng
RT: 15.64 min Scan# 1181
Delta R.T. 0.10 min
Lab File: BF082328.D
Acq: 16 Oct 2015 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.0	8.9	13.3





#90

Dibenzo(a,h)anthracene

Concen: 4.98 ng

RT: 17.18 min Scan# 1316

Delta R.T. 0.13 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

Instrument :

BNA_F

ClientSampleId :

TK1-1-20151015MS

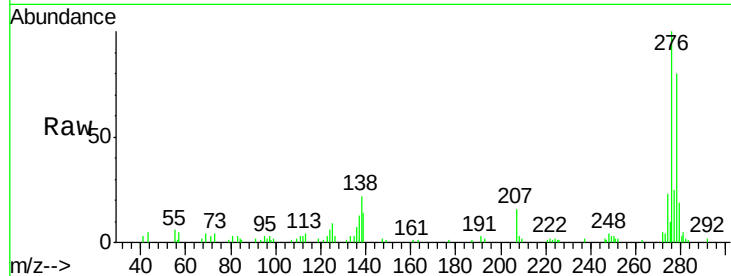
Tot Ion:278 Resp: 48526

Ion Ratio Lower Upper

278 100

139 17.0 13.3 19.9

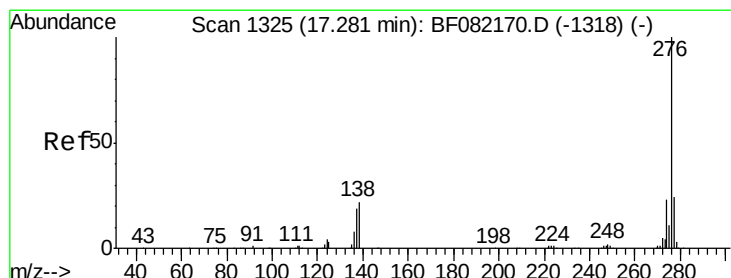
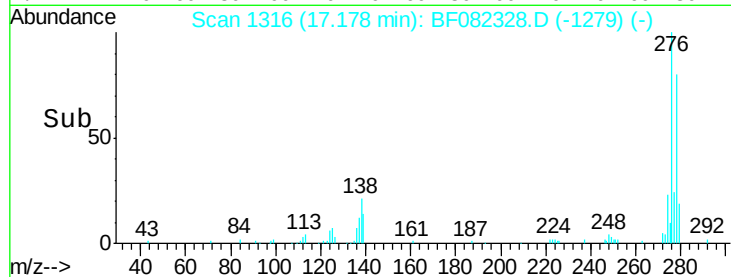
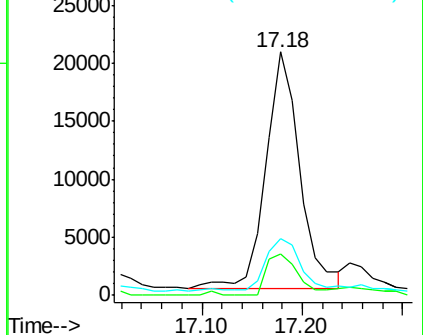
279 23.4 18.9 28.3



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(g,h,i)perylene

Concen: 9.87 ng

RT: 17.60 min Scan# 1353

Delta R.T. 0.14 min

Lab File: BF082328.D

Acq: 16 Oct 2015 16:23

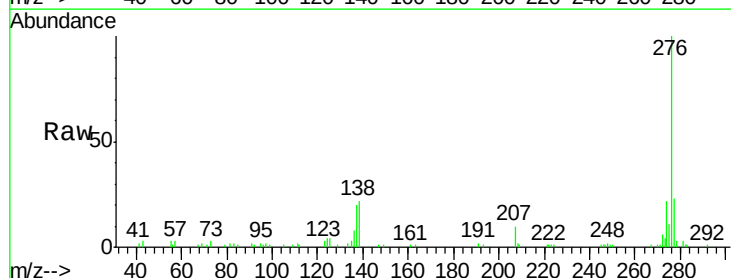
Tgt Ion:276 Resp: 93559

Ion Ratio Lower Upper

276 100

277 22.6 18.8 28.2

138 22.3 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

