

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082436.D
 Acq On : 22 Oct 2015 7:30
 Operator : UM/IZ
 Sample : G4117-01MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

Quant Time: Oct 22 13:28:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	96381	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	358819	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	166349	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	262092	20.00	ng	0.00
75) Chrysene-d12	13.98	240	222945	20.00	ng	-0.03
86) Perylene-d12	15.49	264	230193	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	591960	123.96	ng	0.01
7) Phenol-d6	6.42	99	776886	125.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	498776	93.35	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	133092	85.31	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	913041	91.02	ng	0.00
78) Terphenyl-d14	12.89	244	596642	70.92	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	87970	36.66	ng	99
4) n-Nitrosodimethylamine	3.02	42	104847	44.30	ng	99
6) Aniline	6.45	93	91397	11.41	ng	# 1
8) 2-Chlorophenol	6.56	128	270014	46.32	ng	91
9) Benzaldehyde	6.32	77	123514	38.92	ng	95
10) Phenol	6.43	94	271907	37.95	ng	88
11) bis(2-Chloroethyl)ether	6.51	93	246833	40.74	ng	96
12) 1,3-Dichlorobenzene	6.71	146	290431	42.78	ng	99
13) 1,4-Dichlorobenzene	6.79	146	302841	42.71	ng	99
14) 1,2-Dichlorobenzene	6.94	146	256241	38.06	ng	100
15) Benzyl Alcohol	6.93	79	202859	47.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	354265	41.99	ng	# 46
17) 2-Methylphenol	7.05	107	192026	41.65	ng	# 92
18) Hexachloroethane	7.28	117	90744	37.39	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	185113	42.42	ng	95
20) 3+4-Methylphenols	7.20	107	245189	44.63	ng	# 73
22) Acetophenone	7.19	105	345533	48.68	ng	# 90
24) Nitrobenzene	7.37	77	245150	42.39	ng	# 79
25) Isophorone	7.60	82	475985	44.14	ng	99
26) 2-Nitrophenol	7.68	139	131191	45.43	ng	# 88
27) 2,4-Dimethylphenol	7.73	122	203037	43.64	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	288473	45.97	ng	99
29) 2,4-Dichlorophenol	7.93	162	224063	48.17	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	225056	41.98	ng	98
31) Naphthalene	8.08	128	665422	42.78	ng	99
32) Benzoic acid	7.85	122	95493	30.58	ng	98
33) 4-Chloroaniline	8.15	127	101285	15.68	ng	96
34) Hexachlorobutadiene	8.19	225	140243	41.98	ng	98
35) Caprolactam	8.51	113	49877	36.95	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	201095	44.21	ng	100
37) 2-Methylnaphthalene	8.78	142	490422	45.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	224185	45.31	ng	97
40) Hexachlorocyclopentadiene	8.93	237	25364	17.38	ng	99
42) 2,4,6-Trichlorophenol	9.06	196	149898	45.61	ng	99

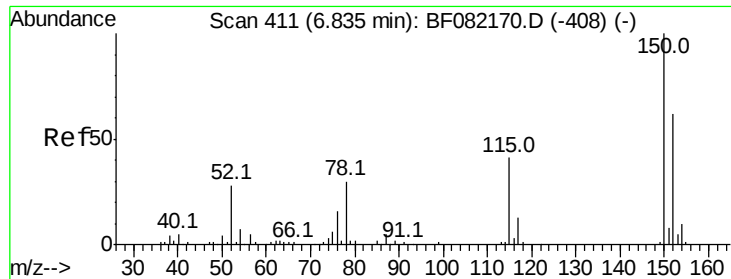
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	151780	42.64	nq	98
45) 1,1'-Biphenyl	9.25	154	598610	47.19	nq	96
46) 2-Chloronaphthalene	9.27	162	461414	46.21	nq	97
47) 2-Nitroaniline	9.37	65	133420	48.67	nq	# 85
48) Acenaphthylene	9.68	152	665074	42.75	nq	99
49) Dimethylphthalate	9.55	163	760899	64.96	nq	99
50) 2,6-Dinitrotoluene	9.61	165	98361	39.80	nq	# 70
51) Acenaphthene	9.85	154	391056	41.88	nq	99
52) 3-Nitroaniline	9.78	138	86077	30.83	nq	92
53) 2,4-Dinitrophenol	9.90	184	13617	15.47	nq	96
54) Dibenzofuran	10.02	168	560538	43.72	nq	98
55) 4-Nitrophenol	9.97	139	115302	64.73	nq	89
56) 2,4-Dinitrotoluene	10.02	165	127442	41.25	nq	89
57) Fluorene	10.37	166	434880	41.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	114460	39.35	nq	96
59) Diethylphthalate	10.24	149	489776	44.86	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	213171	44.19	nq	# 80
61) 4-Nitroaniline	10.40	138	99716	36.82	nq	98
62) Azobenzene	10.51	77	436507	40.85	nq	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	16071	10.93	nq	# 49
65) n-Nitrosodiphenylamine	10.48	169	337353	42.99	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	118301	45.10	nq	# 89
67) Hexachlorobenzene	10.91	284	127436	44.92	nq	# 89
68) Atrazine	11.02	200	90577	36.43	nq	93
69) Pentachlorophenol	11.11	266	110450	75.67	nq	98
70) Phenanthrene	11.33	178	566927	44.13	nq	100
71) Anthracene	11.38	178	619603	46.80	nq	99
72) Carbazole	11.54	167	515713	42.70	nq	98
73) Di-n-butylphthalate	11.87	149	717302	48.15	nq	98
74) Fluoranthene	12.51	202	538790	39.05	nq	97
77) Pyrene	12.74	202	551609	41.69	nq	99
79) Butylbenzylphthalate	13.37	149	252651	41.84	nq	88
80) Benzo(a)anthracene	13.97	228	508414	43.83	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	108903	24.73	nq	98
82) Chrysene	14.01	228	516521	42.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	374900	43.52	nq	98
84) Di-n-octyl phthalate	14.63	149	646906	43.73	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	477424	49.14	nq	98
87) Benzo(b)fluoranthene	15.08	252	645933m	46.12	nq	
88) Benzo(k)fluoranthene	15.11	252	405437m	34.44	nq	
89) Benzo(a)pyrene	15.43	252	498349	41.41	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	418523	42.43	nq	98
91) Benzo(g,h,i)perylene	17.30	276	365900	38.19	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082436.D

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AB-AC-03(0-2)MS

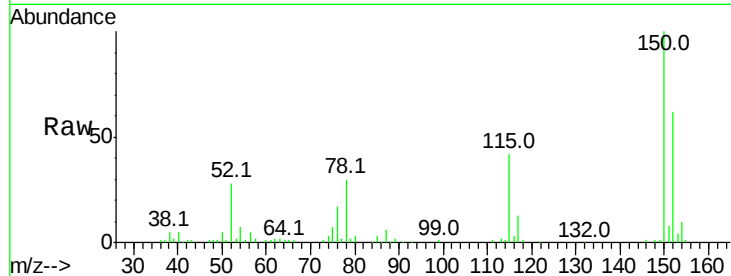
Tot Ion:152 Resp: 96381

Ion Ratio Lower Upper

152 100

150 160.4 129.0 193.4

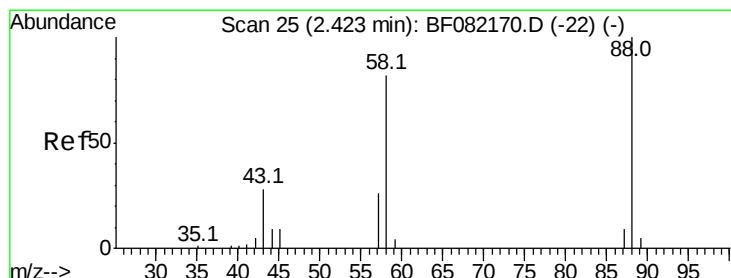
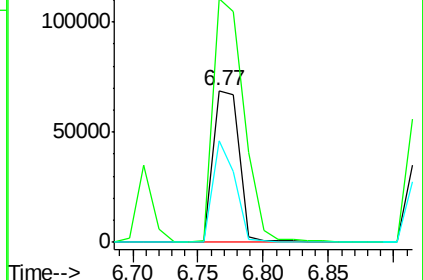
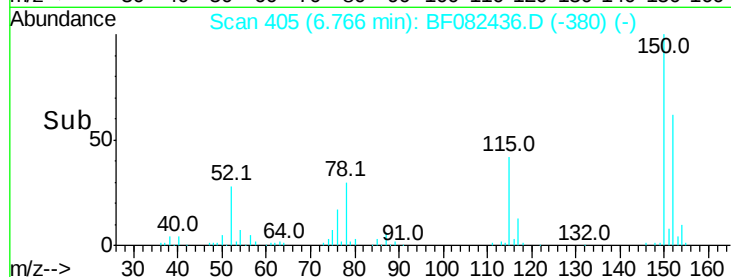
115 67.0 52.1 78.1



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



#2

1,4-Dioxane

Concen: 36.66 ng

RT: 2.35 min Scan# 19

Delta R.T. 0.06 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

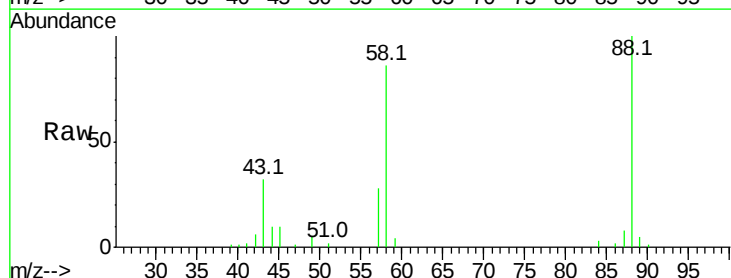
Tgt Ion: 88 Resp: 87970

Ion Ratio Lower Upper

88 100

58 81.4 66.2 99.4

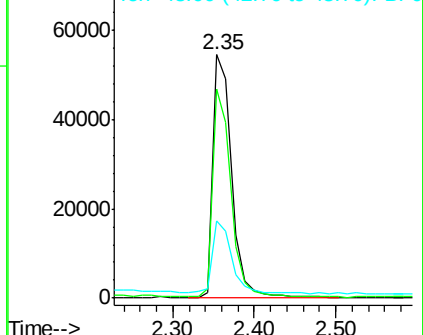
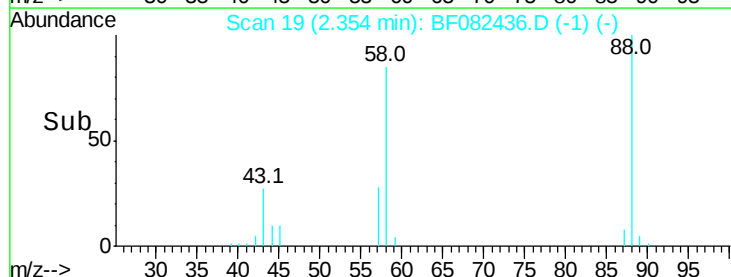
43 29.0 23.0 34.4

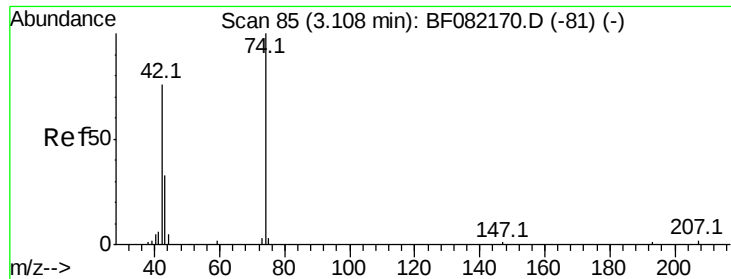


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 44.30 ng

RT: 3.02 min Scan# 77

Delta R.T. 0.05 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

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AB-AC-03(0-2)MS

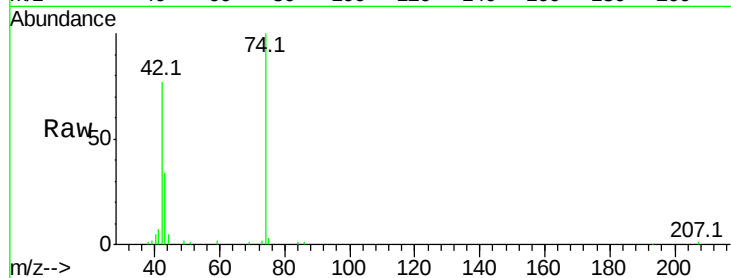
Tot Ion: 42 Resp: 104847

Ion Ratio Lower Upper

42 100

74 130.4 105.7 158.5

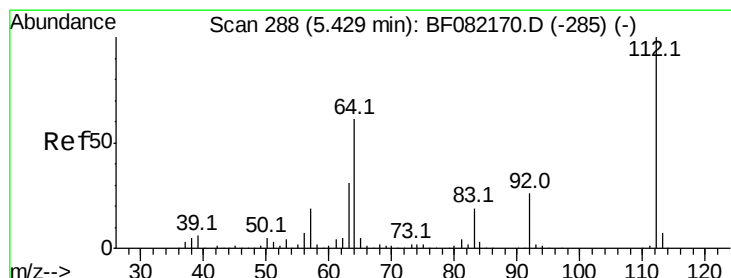
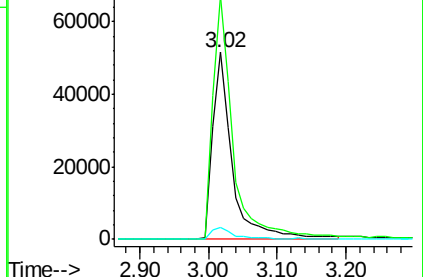
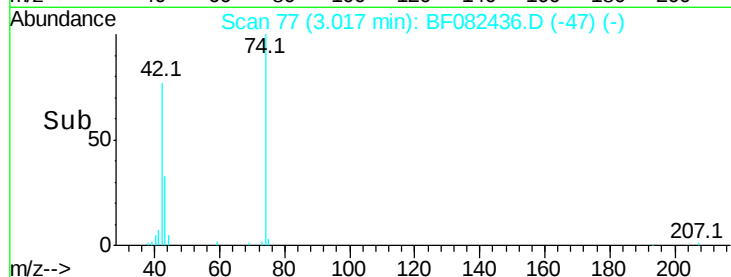
44 6.7 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 123.96 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

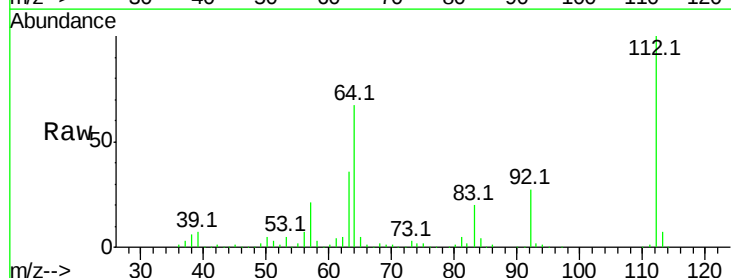
Tgt Ion: 112 Resp: 591960

Ion Ratio Lower Upper

112 100

64 67.2 48.6 73.0

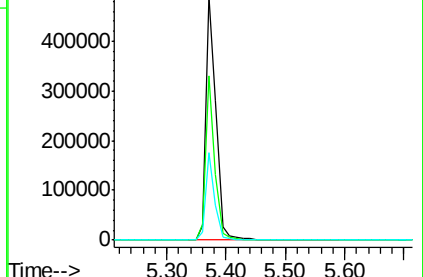
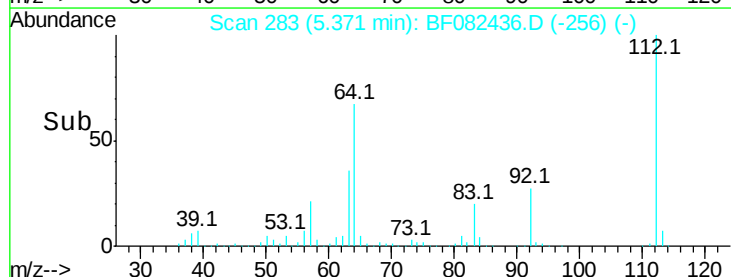
63 35.8 25.1 37.7

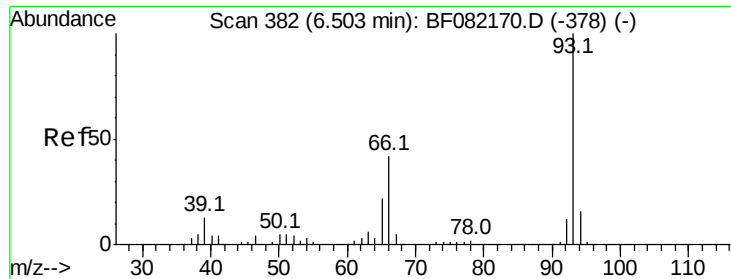


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 11.41 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082436.D

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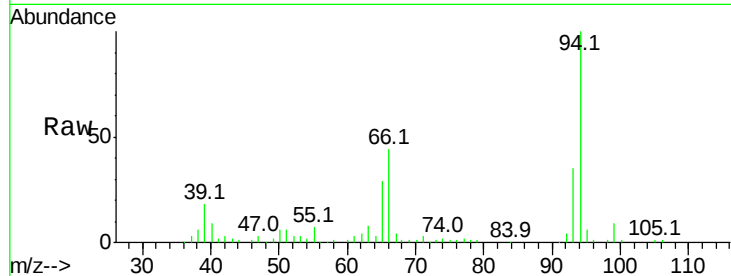
Tot Ion: 93 Resp: 91397

Ion Ratio Lower Upper

93 100

66 123.6 34.2 51.2#

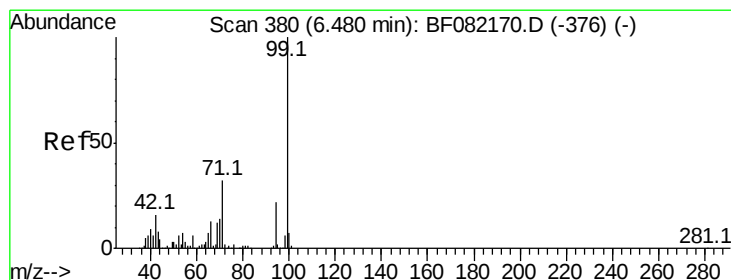
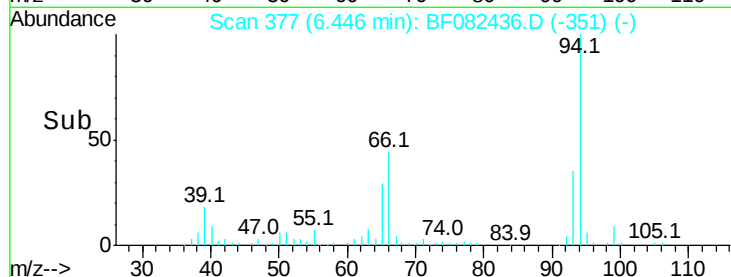
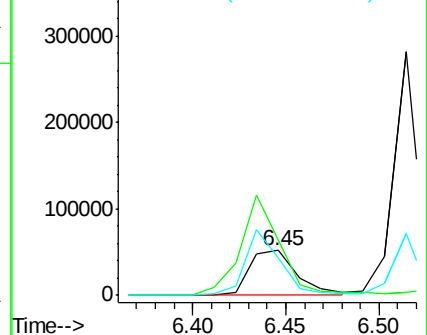
65 83.3 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 125.01 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

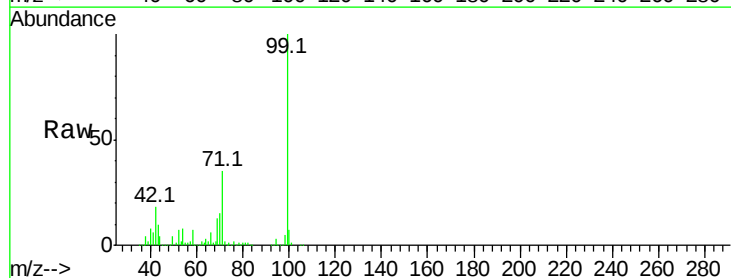
Tgt Ion: 99 Resp: 776886

Ion Ratio Lower Upper

99 100

42 18.3 13.2 19.8

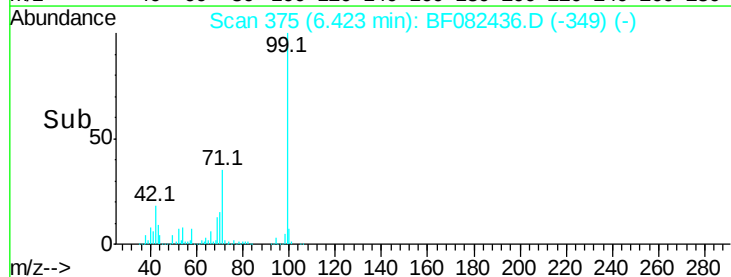
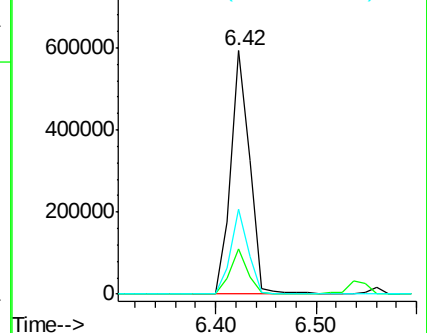
71 34.9 25.6 38.4

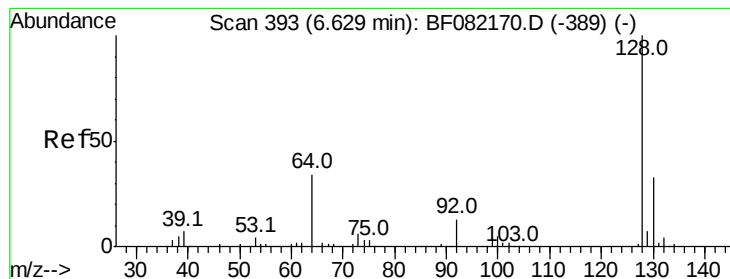


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 46.32 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

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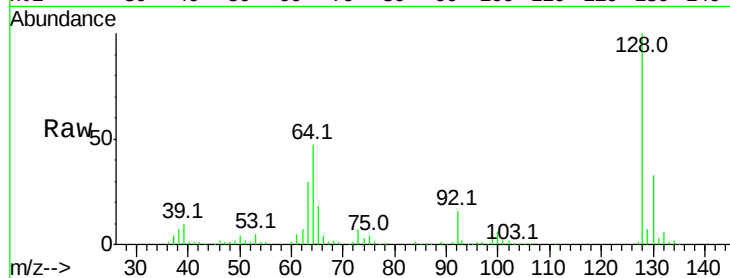
Tot Ion:128 Resp: 270014

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

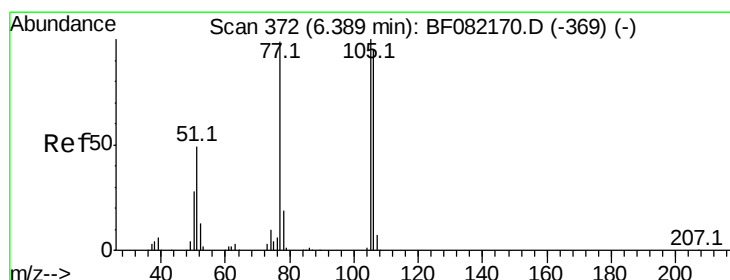
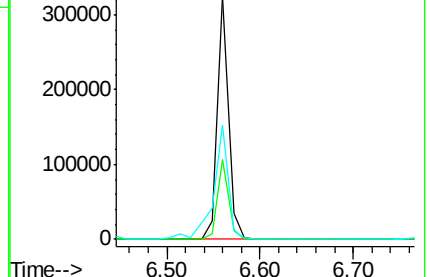
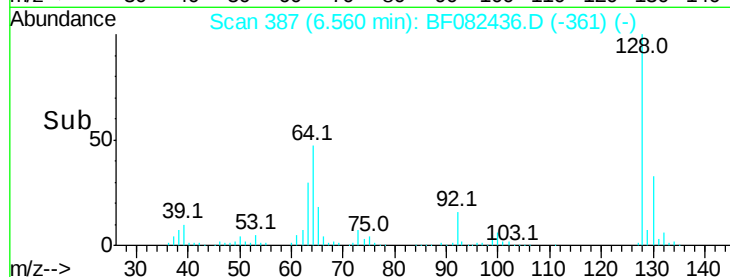
64 46.8 16.7 56.7



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: 38.92 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

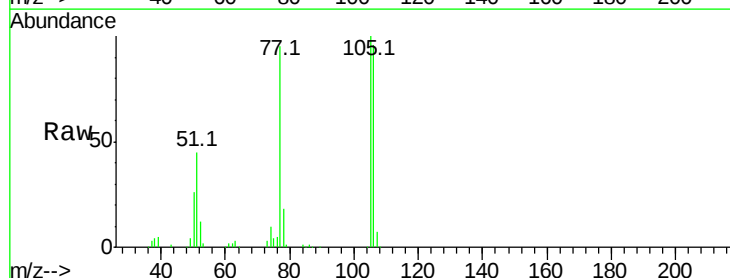
Tgt Ion: 77 Resp: 123514

Ion Ratio Lower Upper

77 100

105 105.0 80.6 120.6

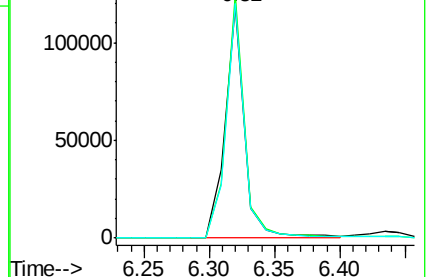
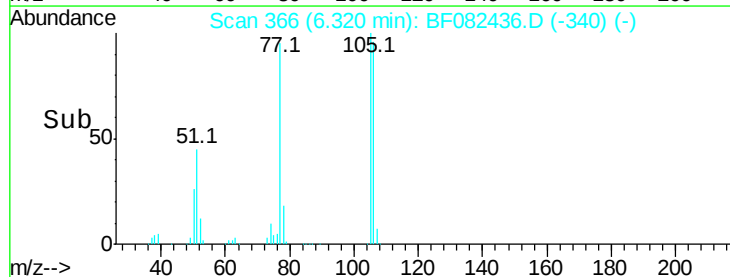
106 101.2 75.5 115.5

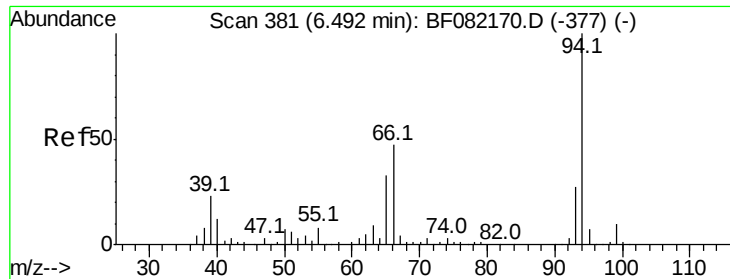


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 37.95 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

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AB-AC-03(0-2)MS

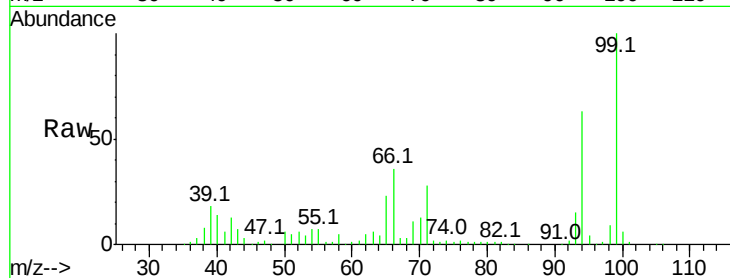
Tot Ion: 94 Resp: 271907

Ion Ratio Lower Upper

94 100

65 37.5 12.6 52.6

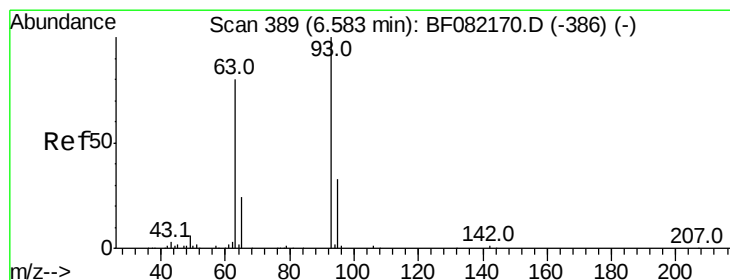
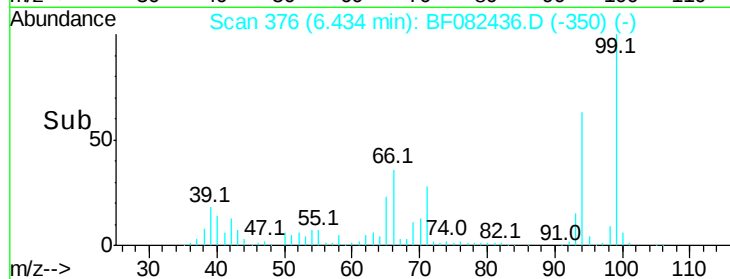
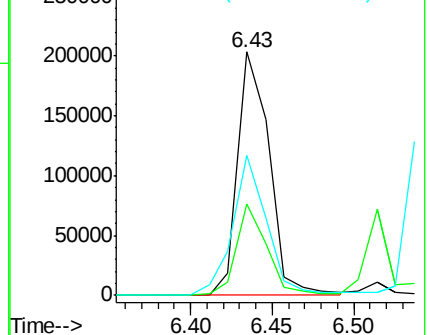
66 57.2 27.3 67.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 40.74 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

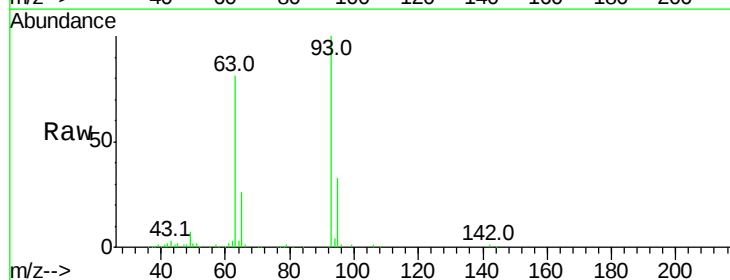
Tgt Ion: 93 Resp: 246833

Ion Ratio Lower Upper

93 100

63 80.9 57.1 97.1

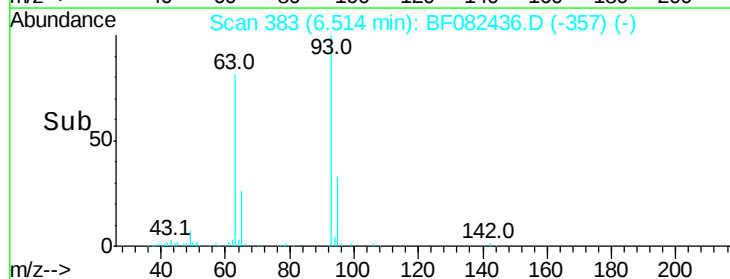
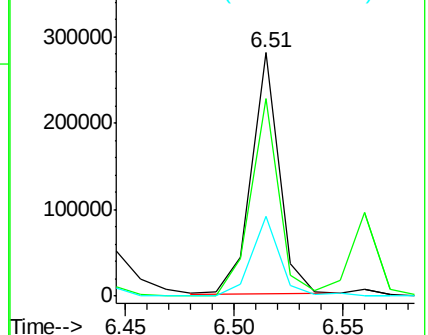
95 32.8 11.9 51.9

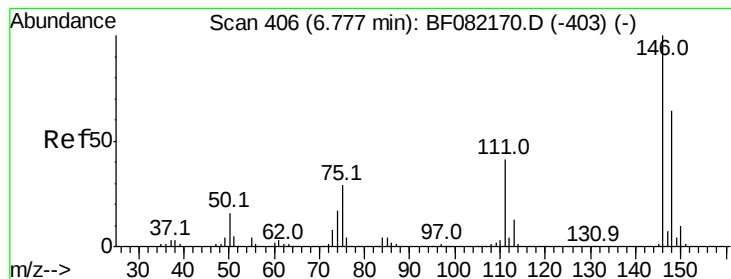


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 42.78 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

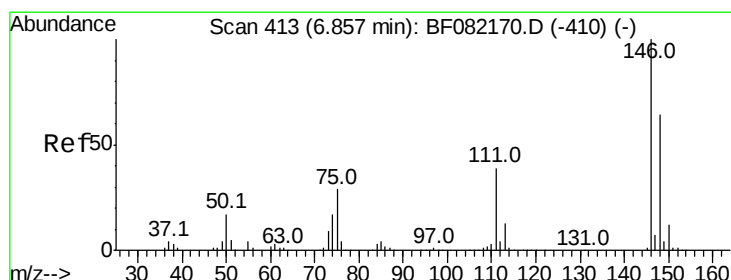
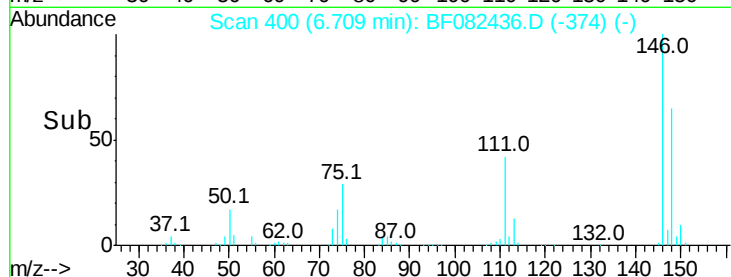
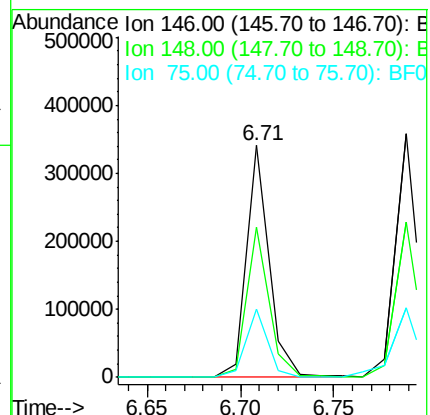
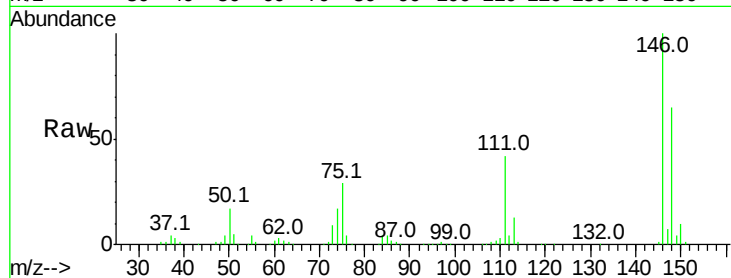
Tot Ion:146 Resp: 290431

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

75 29.5 23.0 34.6



#13

1,4-Dichlorobenzene

Concen: 42.71 ng

RT: 6.79 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

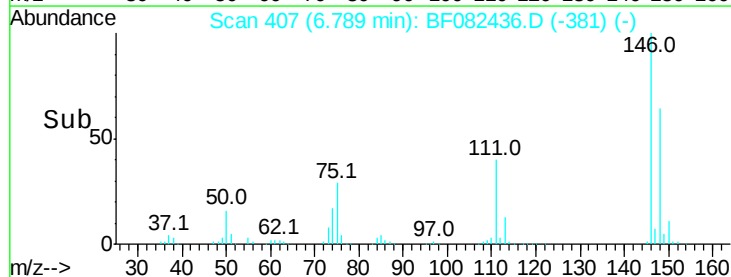
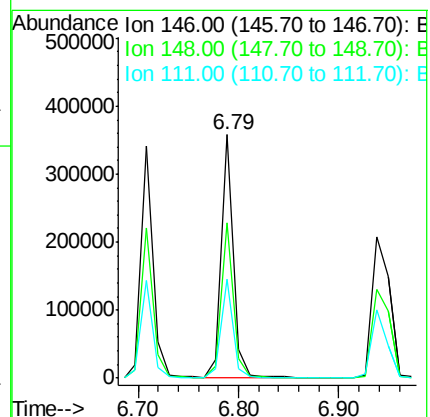
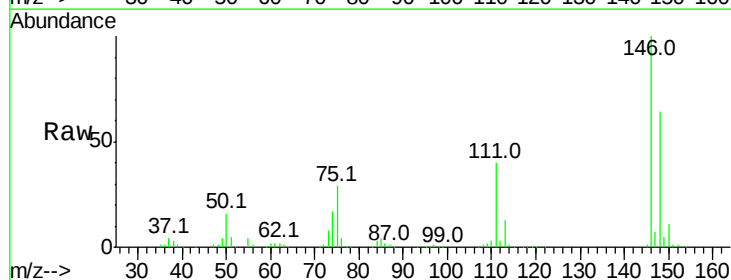
Tgt Ion:146 Resp: 302841

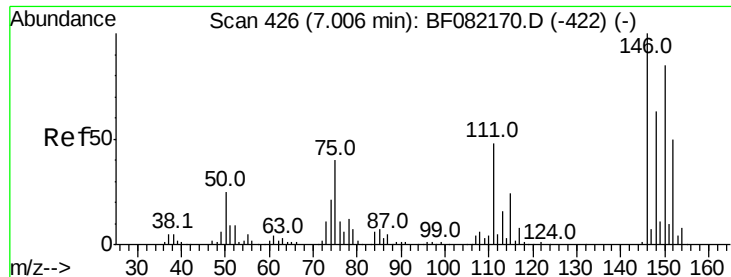
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 40.4 31.1 46.7





#14

1,2-Dichlorobenzene

Concen: 38.06 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

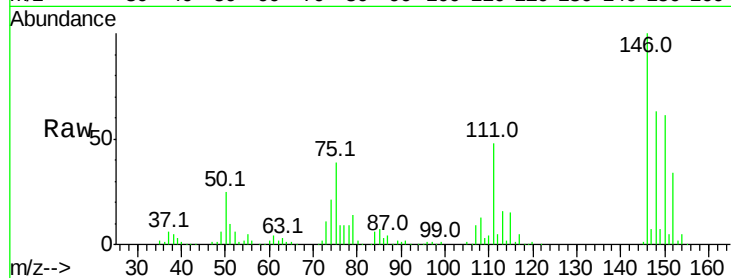
Tot Ion:146 Resp: 256241

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

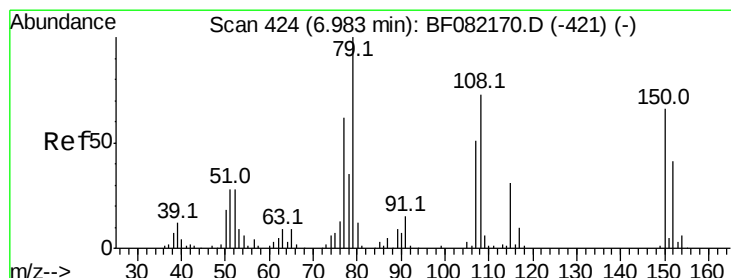
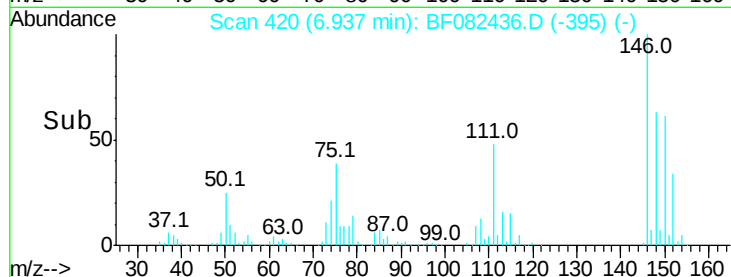
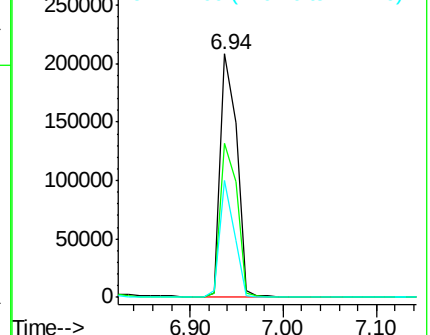
111 48.1 38.5 57.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 47.29 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

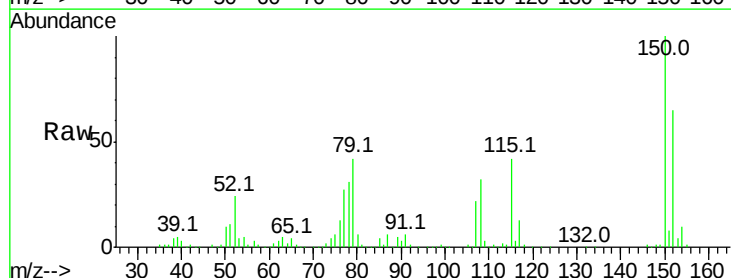
Tgt Ion: 79 Resp: 202859

Ion Ratio Lower Upper

79 100

108 75.6 58.4 87.6

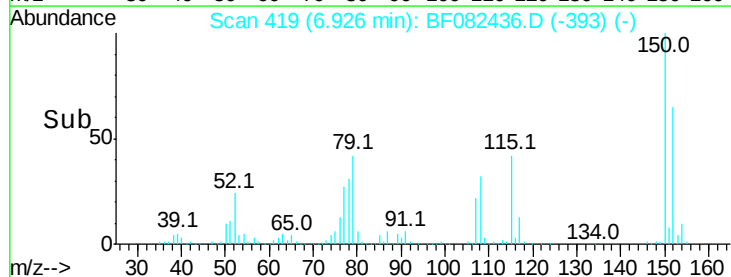
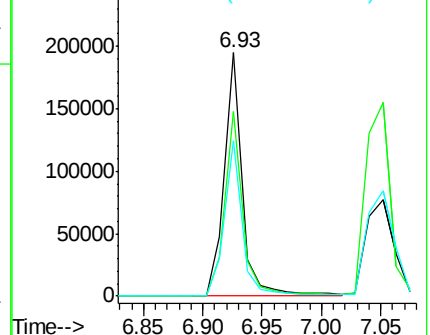
77 63.6 49.8 74.6

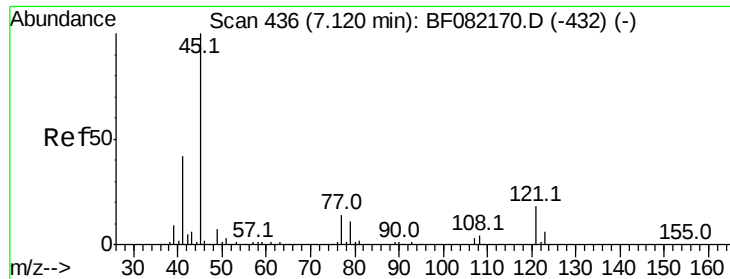


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

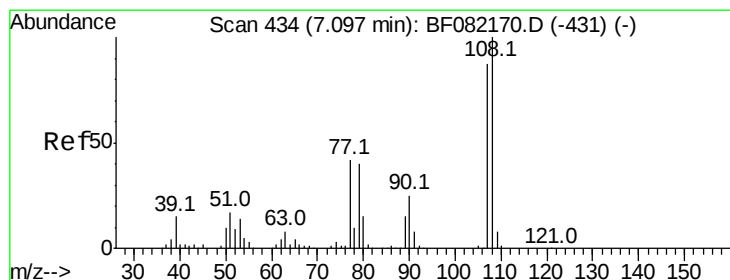
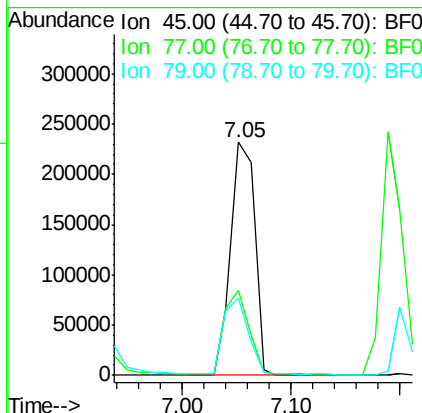
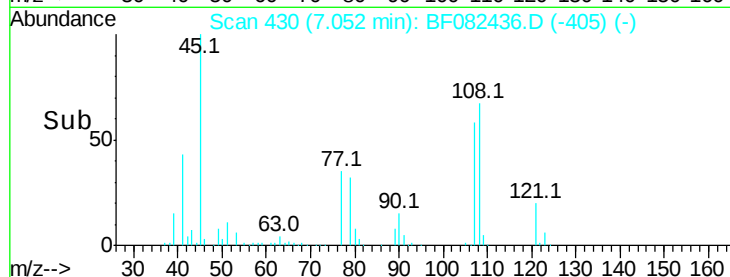
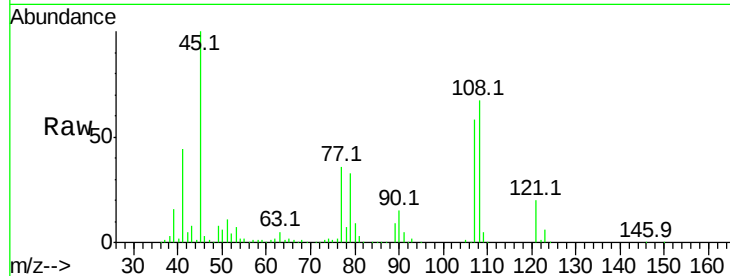




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.99 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

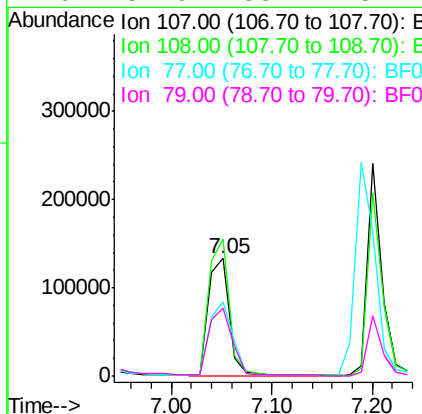
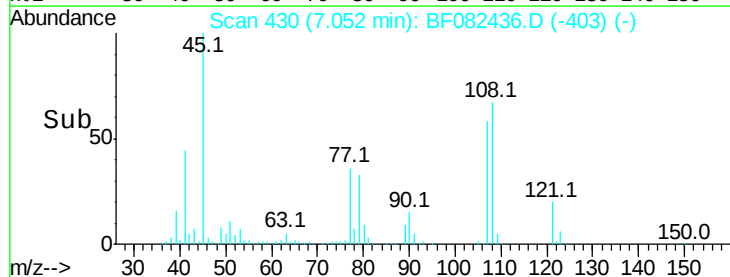
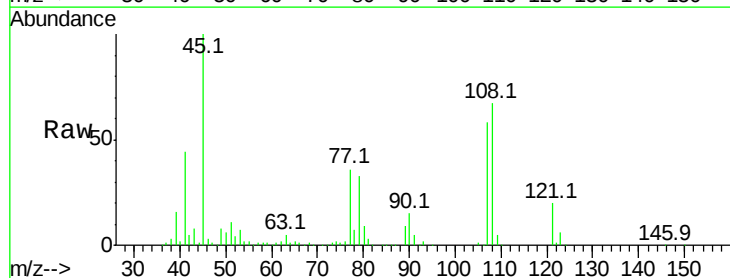
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

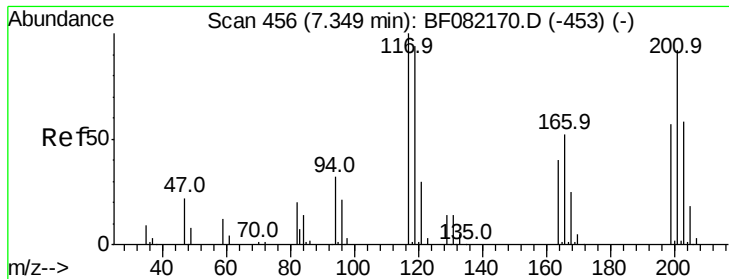
Tot Ion: 45 Resp: 354265
Ion Ratio Lower Upper
45 100
77 36.3 0.0 34.5#
79 33.3 0.0 31.6#



#17
2-Methylphenol
Concen: 41.65 ng
RT: 7.05 min Scan# 430
Delta R.T. 0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion:107 Resp: 192026
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.2
77 63.1 39.6 59.4#
79 57.9 38.2 57.4#

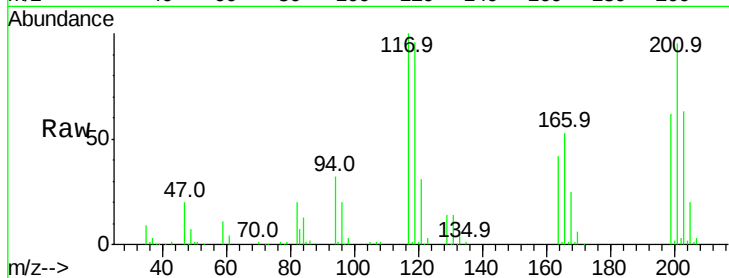




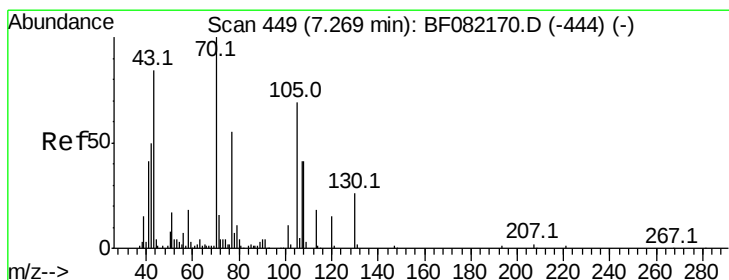
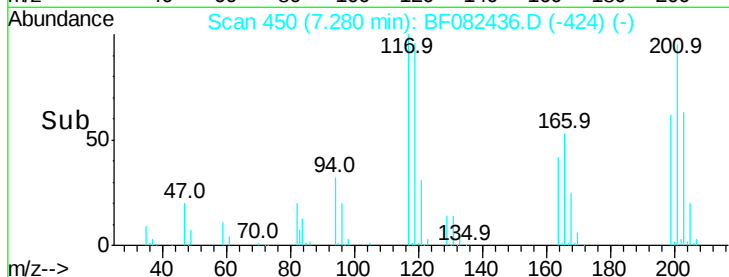
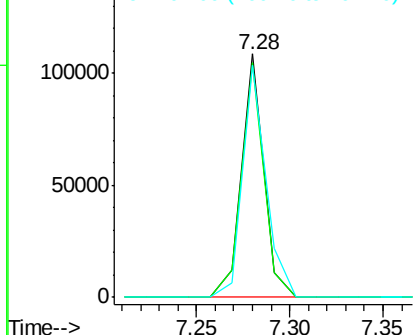
#18
Hexachloroethane
Concen: 37.39 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

Tot Ion:117 Resp: 90744
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.2
201 95.3 73.4 110.0

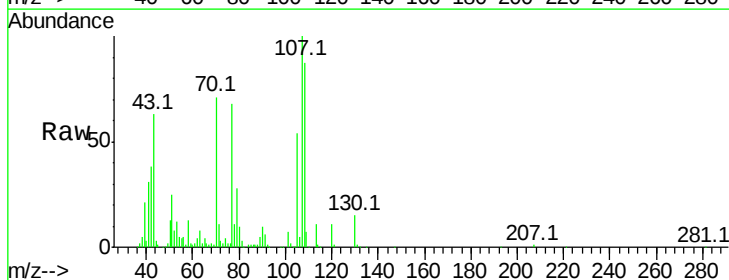


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

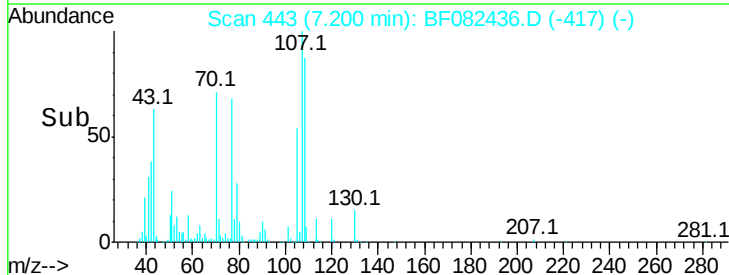
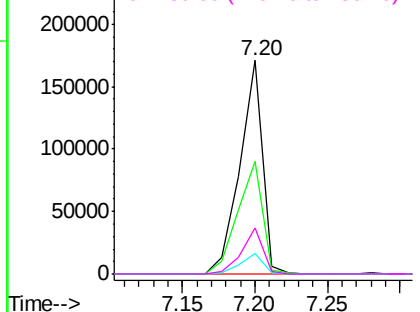


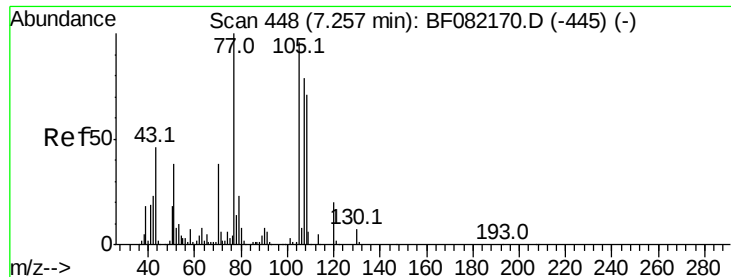
#19
n-Nitroso-di-n-propylamine
Concen: 42.42 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion: 70 Resp: 185113
Ion Ratio Lower Upper
70 100
42 52.8 39.8 59.8
101 9.7 8.6 13.0
130 21.5 20.5 30.7



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





#20

3+4-Methylphenols

Concen: 44.63 ng

RT: 7.20 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

Tot Ion:107 Resp: 245189

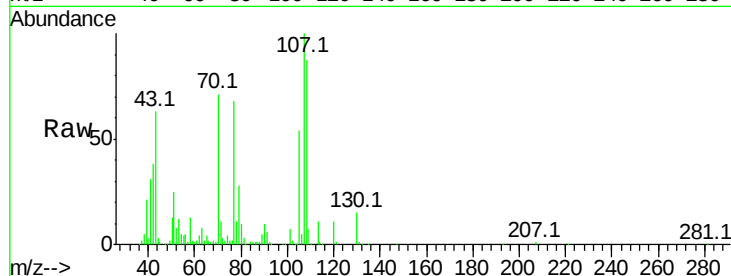
Ion Ratio Lower Upper

107 100

108 86.7 69.9 109.9

77 68.3 106.0 146.0#

79 28.4 9.8 49.8

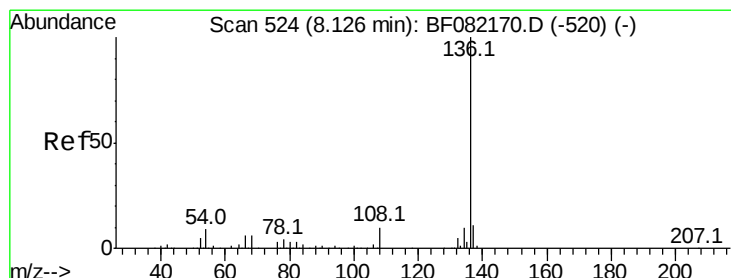
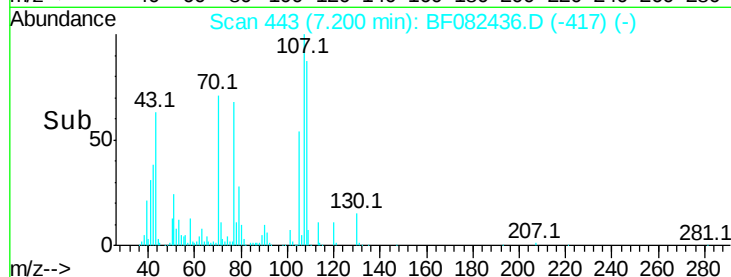
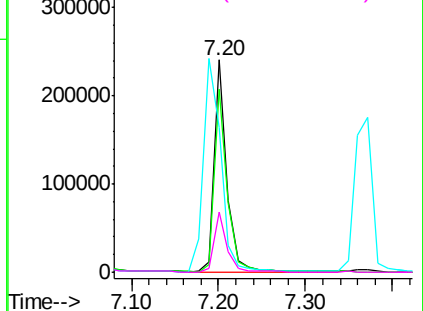


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Tgt Ion:136 Resp: 358819

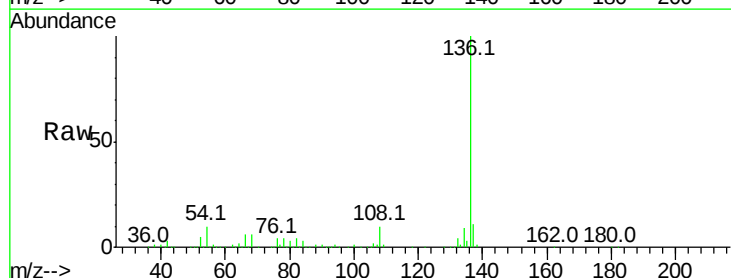
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.7 7.5 11.3

68 6.2 4.6 7.0

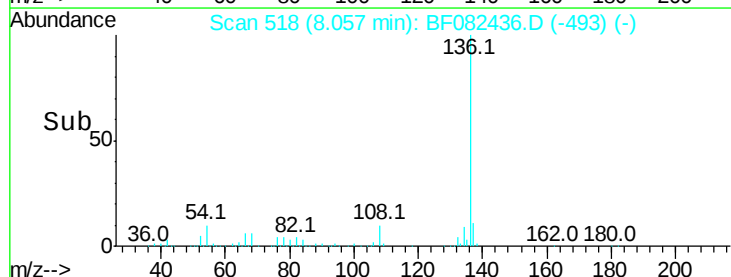
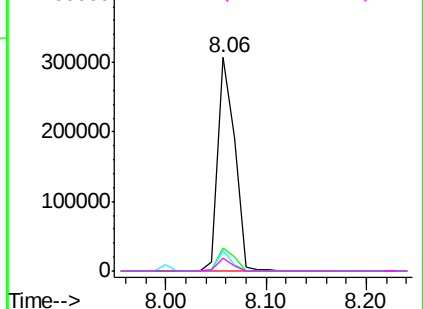


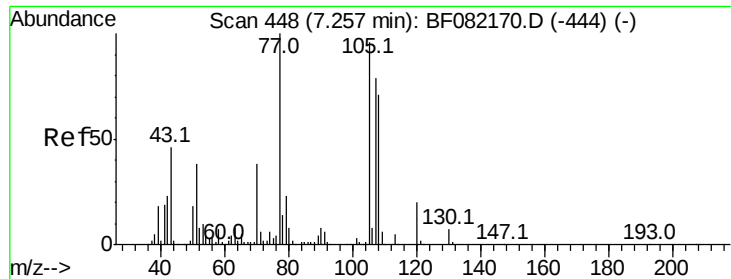
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 48.68 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

Tot Ion:105 Resp: 345533

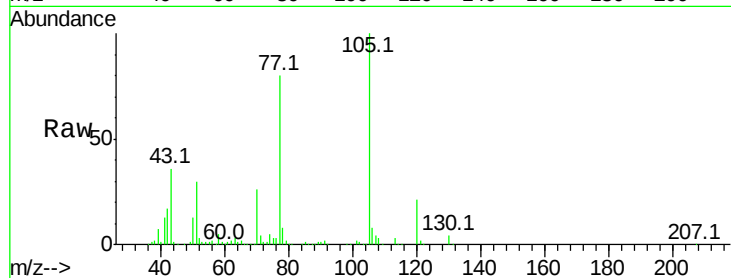
Ion Ratio Lower Upper

105 100

71 4.4 5.4 8.0#

51 30.0 31.8 47.6#

120 20.5 16.3 24.5

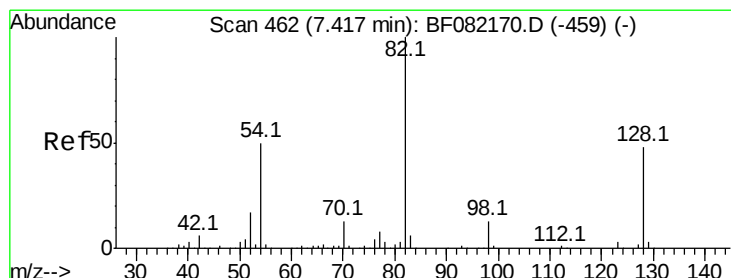
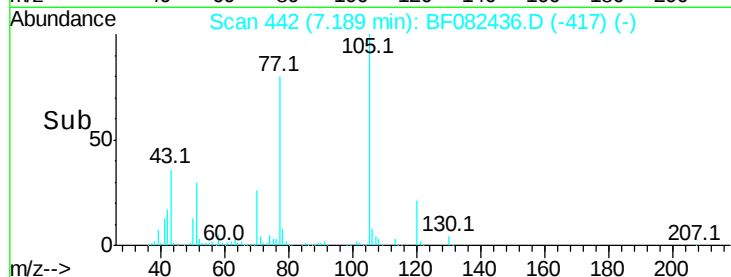
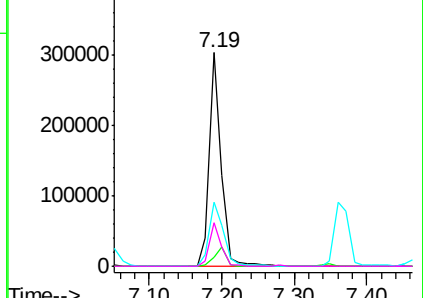


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 93.35 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

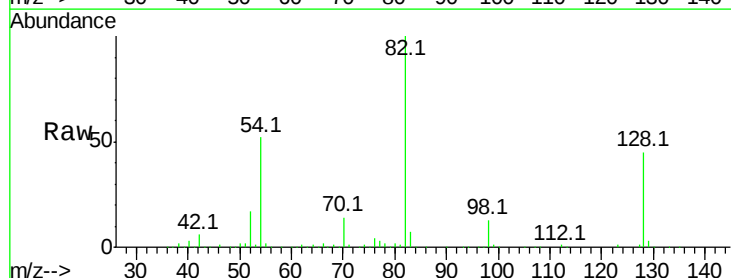
Tgt Ion: 82 Resp: 498776

Ion Ratio Lower Upper

82 100

128 44.8 38.7 58.1

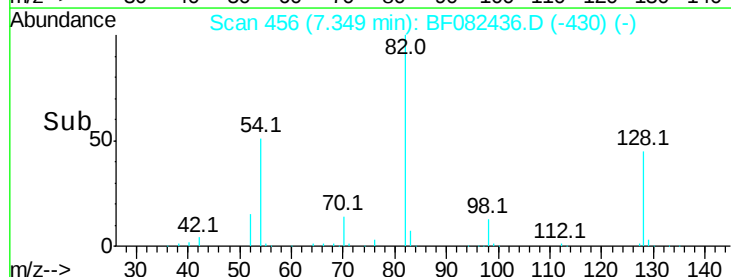
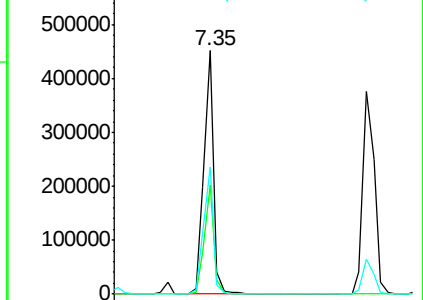
54 52.1 40.1 60.1

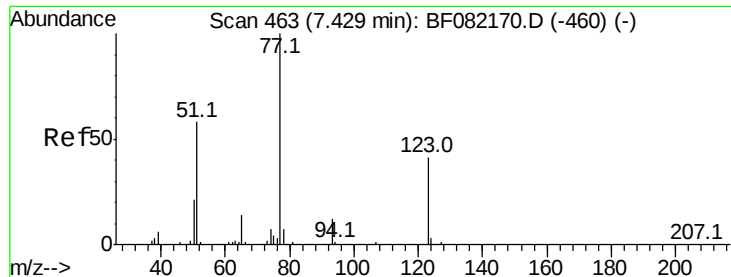


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

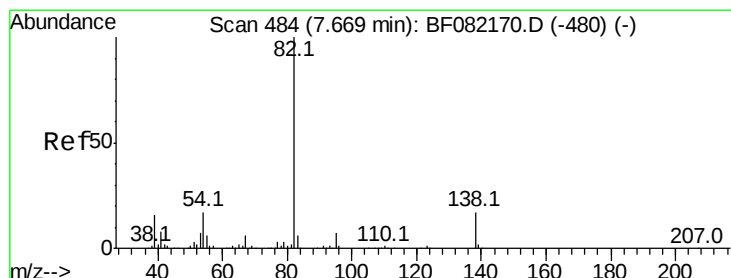
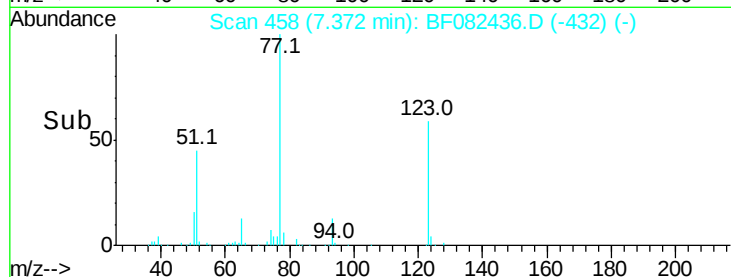
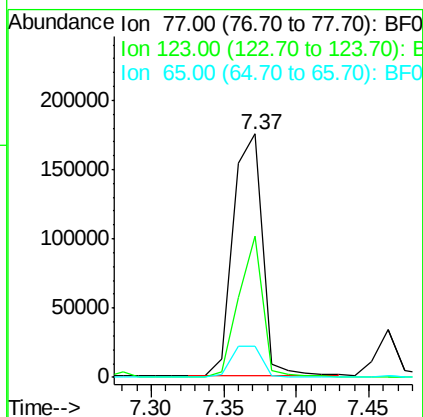
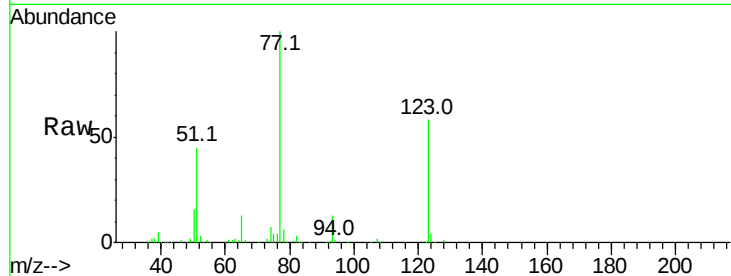




#24
 Nitrobenzene
 Concen: 42.39 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

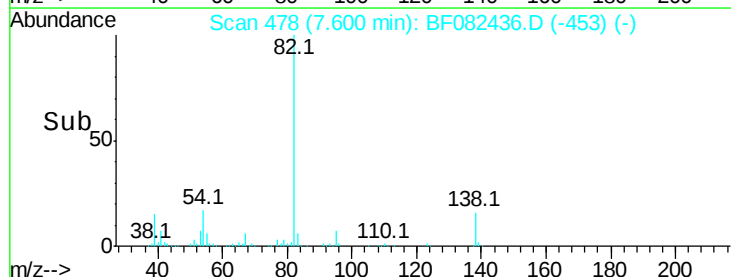
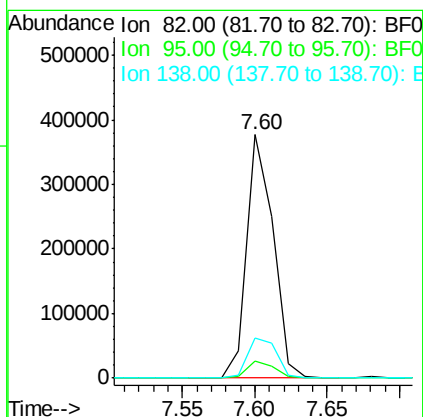
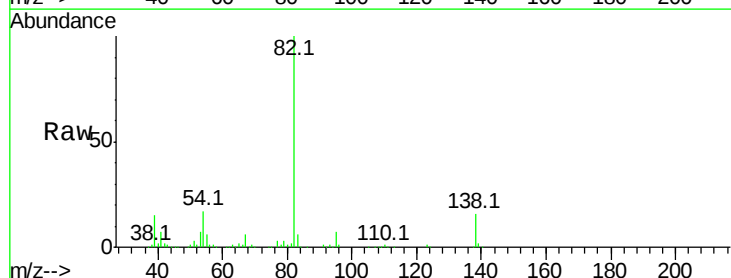
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

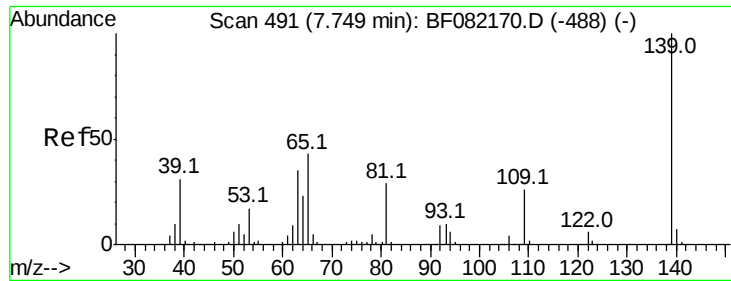
Tot Ion	Ratio	Lower	Upper
77	100		
123	58.1	33.0	49.4#
65	12.6	11.2	16.8



#25
 Isophorone
 Concen: 44.14 ng
 RT: 7.60 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.6	8.4
138	16.4	13.6	20.4

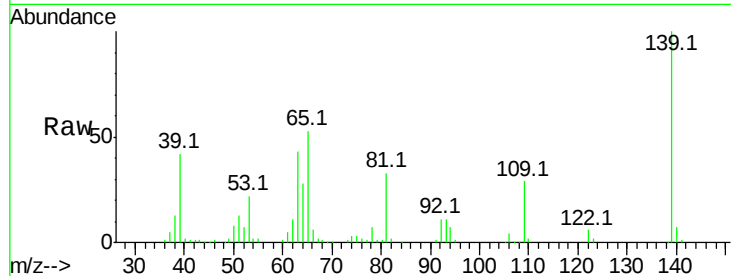




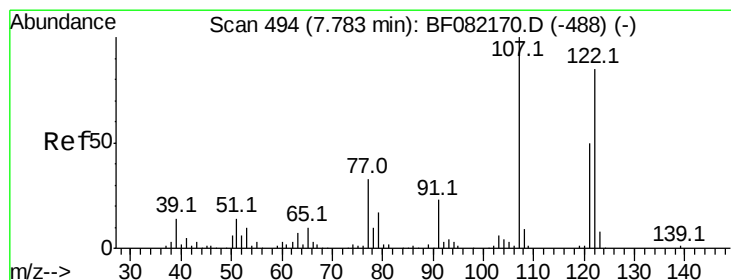
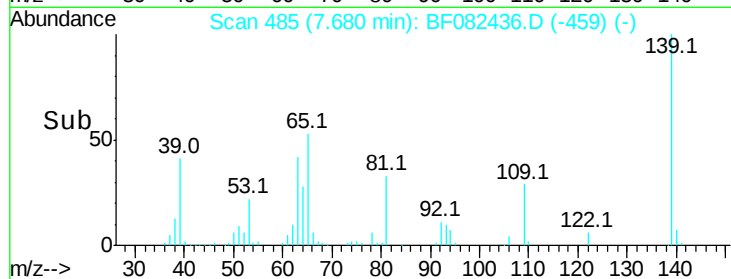
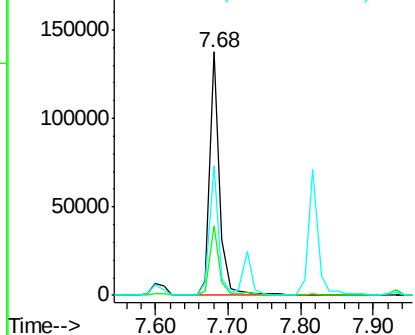
#26
2-Nitrophenol
Concen: 45.43 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	28.6	20.6	31.0
65	53.5	34.3	51.5

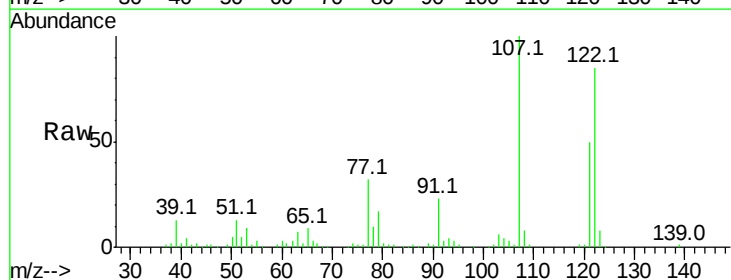


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

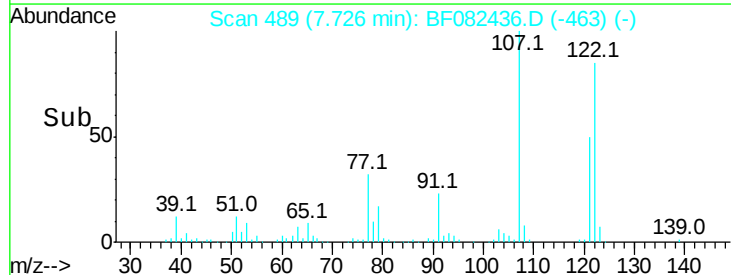
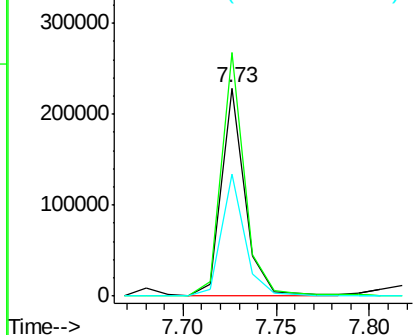


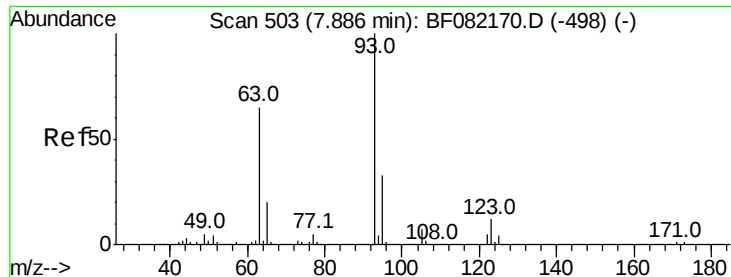
#27
2,4-Dimethylphenol
Concen: 43.64 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.2	94.0	141.0
121	58.8	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

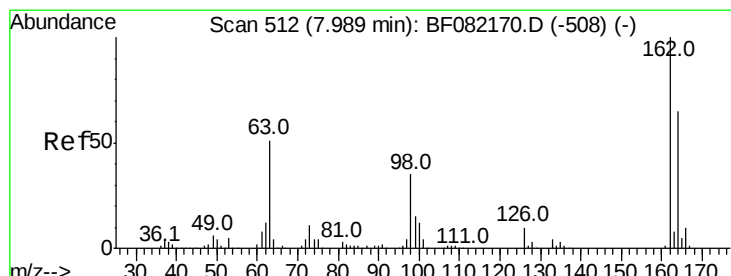
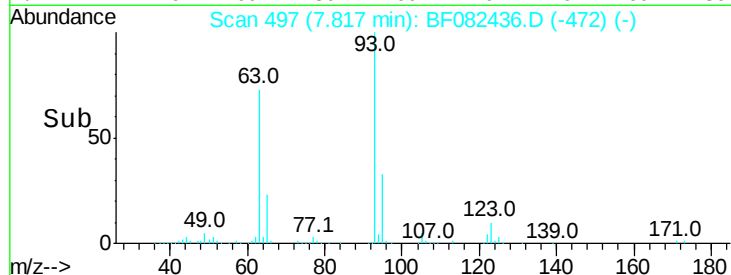
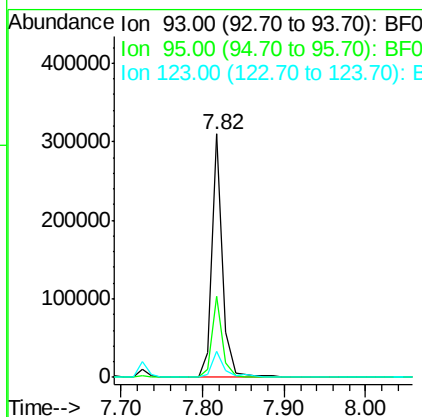
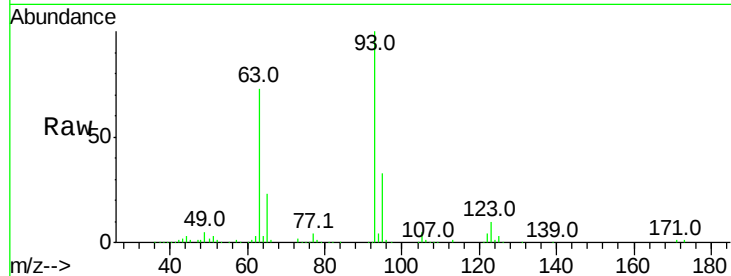




#28
bis(2-Chloroethoxy)methane
Concen: 45.97 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

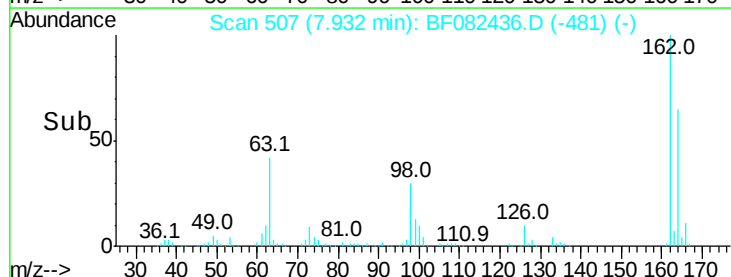
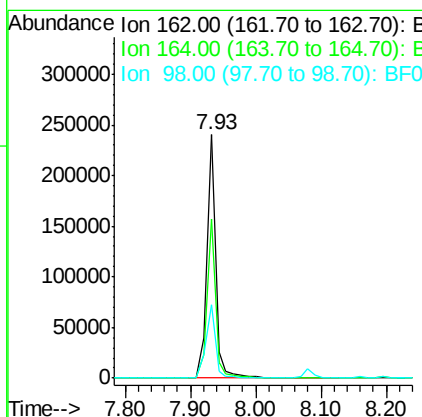
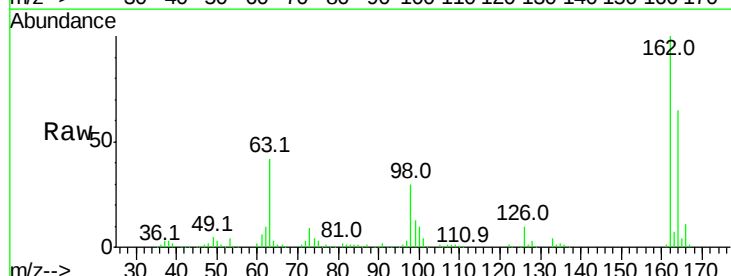
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

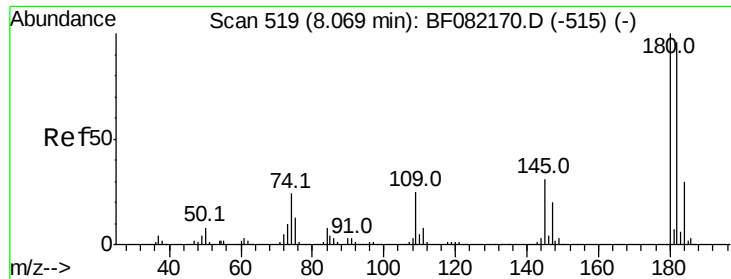
Tot Ion: 93 Resp: 288473
Ion Ratio Lower Upper
93 100
95 33.3 26.6 39.8
123 10.5 9.5 14.3



#29
2,4-Dichlorophenol
Concen: 48.17 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion: 162 Resp: 224063
Ion Ratio Lower Upper
162 100
164 65.3 44.6 84.6
98 30.1 15.0 55.0

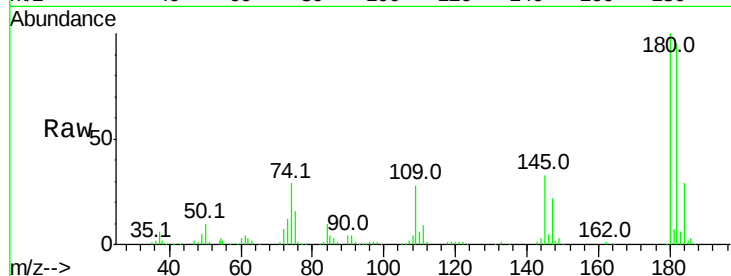




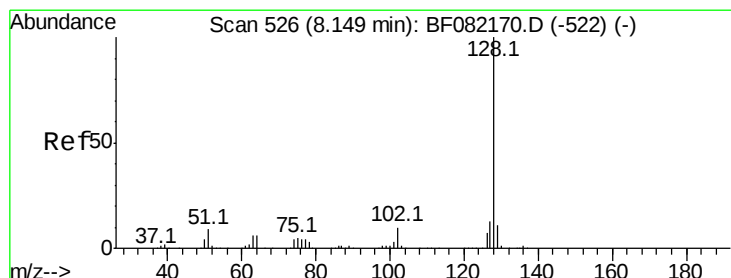
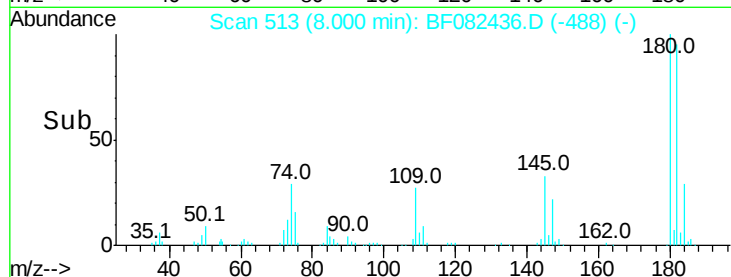
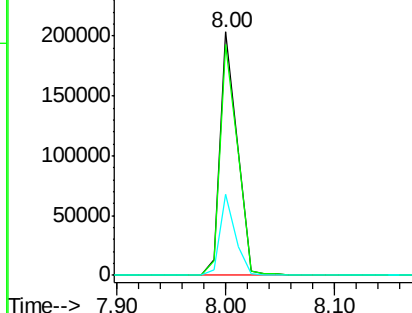
#30
 1,2,4-Trichlorobenzene
 Concen: 41.98 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

Tot Ion:180 Resp: 225056
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 145 33.1 25.0 37.4

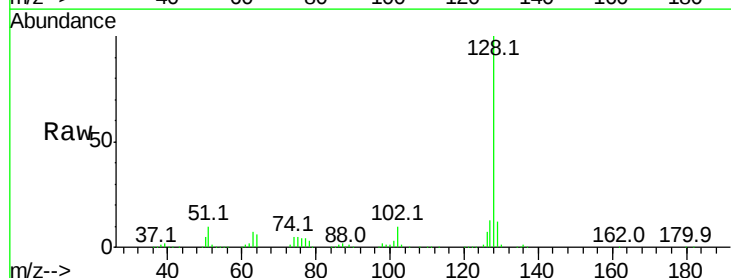


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

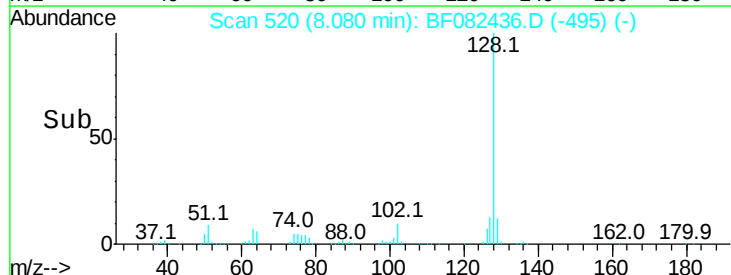
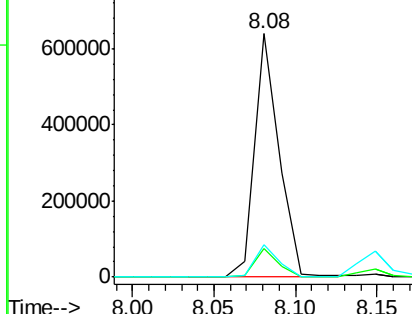


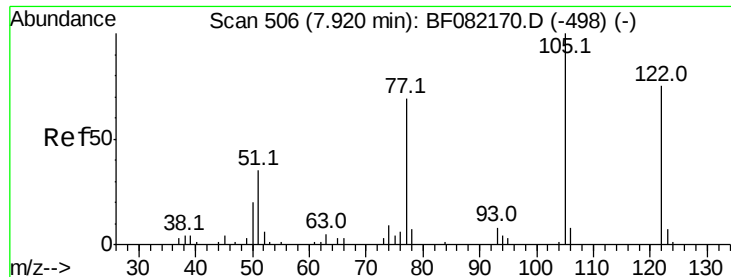
#31
 Naphthalene
 Concen: 42.78 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion:128 Resp: 665422
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.1 13.7
 127 13.1 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: 30.58 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

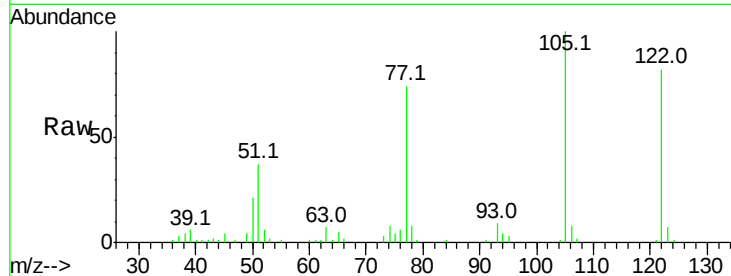
Tot Ion:122 Resp: 95493

Ion Ratio Lower Upper

122 100

105 121.3 104.4 144.4

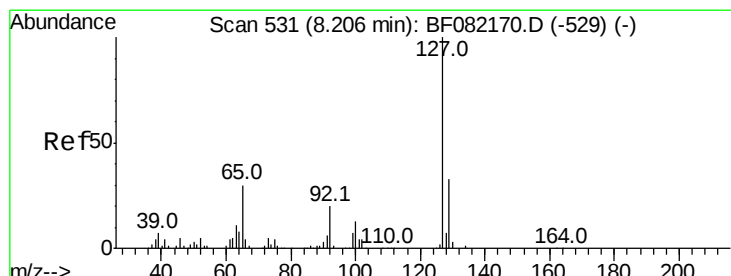
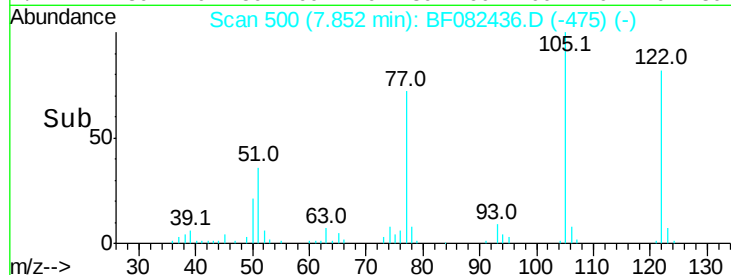
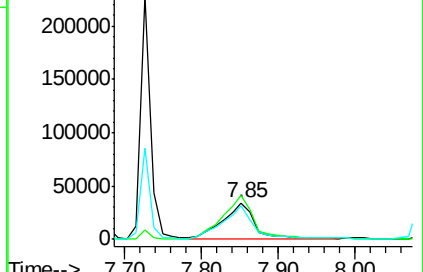
77 90.0 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 15.68 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Tgt Ion:127 Resp: 101285

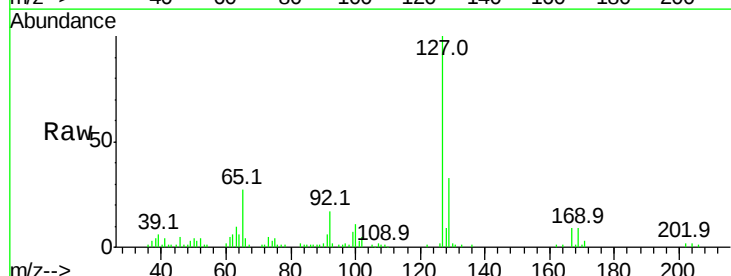
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 26.7 24.4 36.6

92 17.4 15.7 23.5

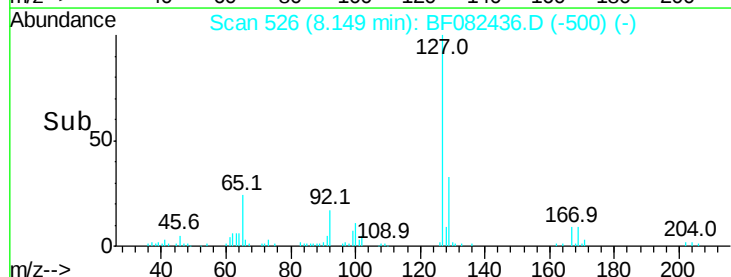
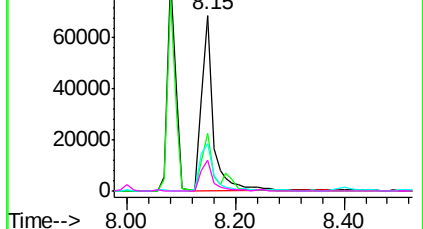


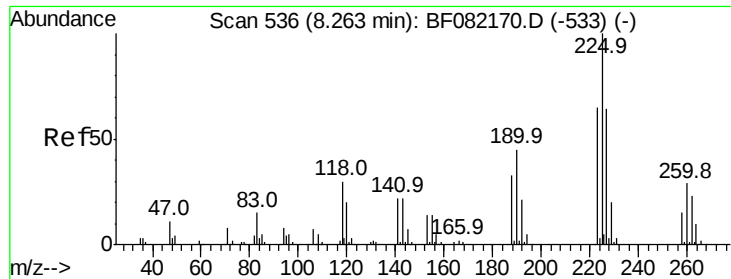
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 41.98 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

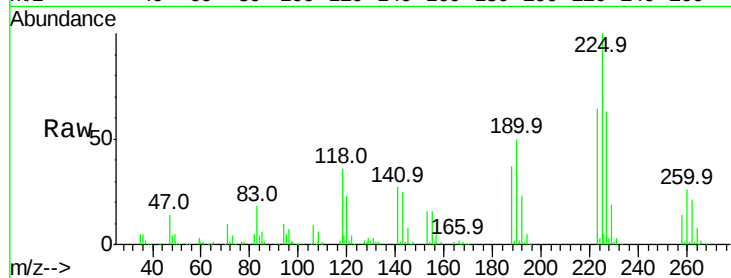
Tot Ion:225 Resp: 140243

Ion Ratio Lower Upper

225 100

223 64.1 52.2 78.2

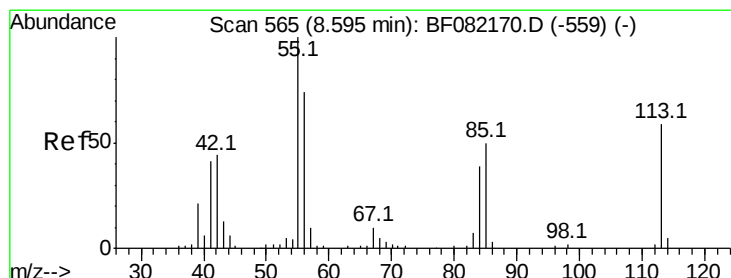
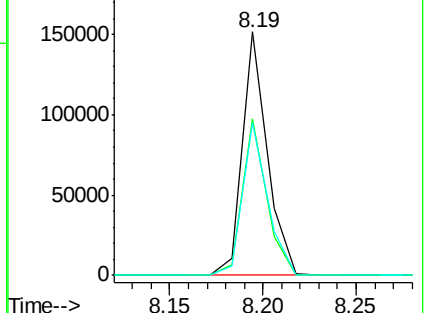
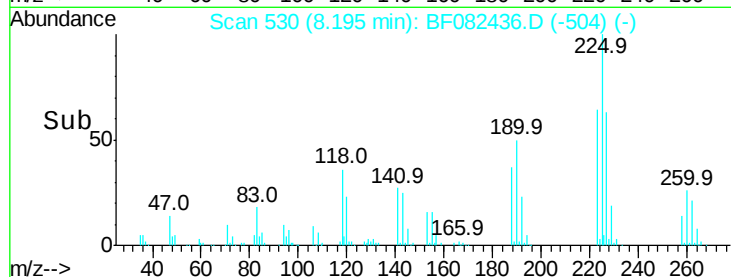
227 62.7 51.3 76.9



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: 36.95 ng

RT: 8.51 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

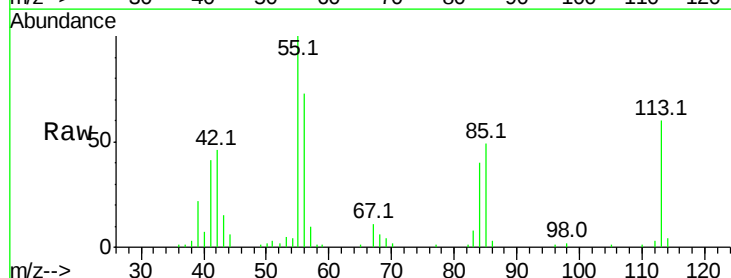
Tgt Ion:113 Resp: 49877

Ion Ratio Lower Upper

113 100

55 166.8 149.7 189.7

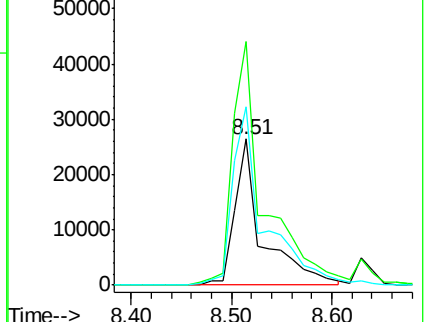
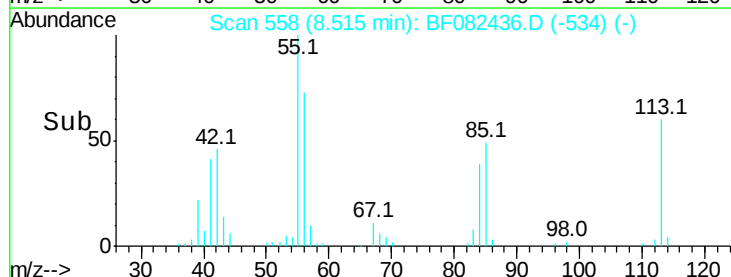
56 122.6 105.4 145.4

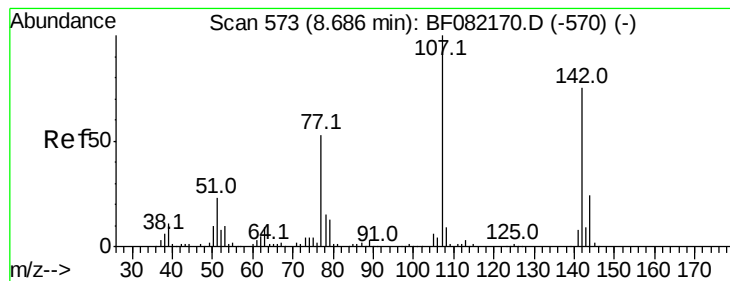


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 44.21 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

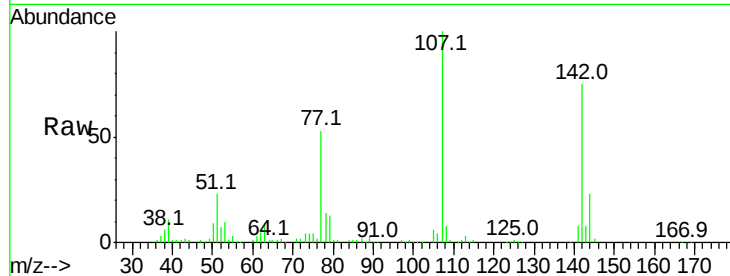
Tot Ion:107 Resp: 201095

Ion Ratio Lower Upper

107 100

144 23.5 19.3 28.9

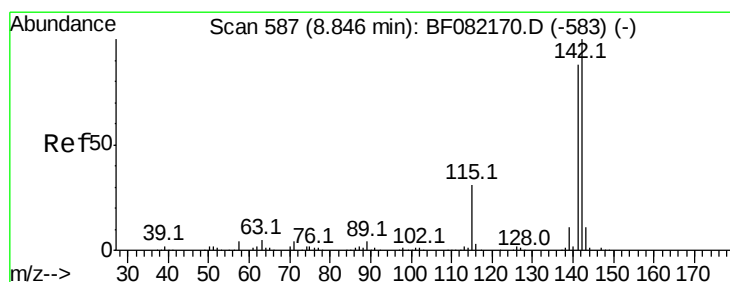
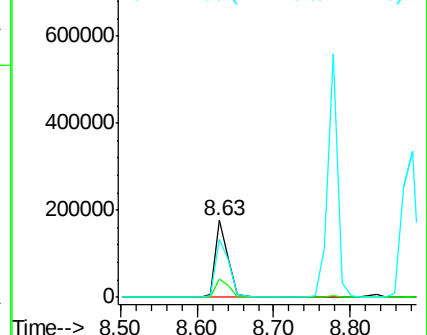
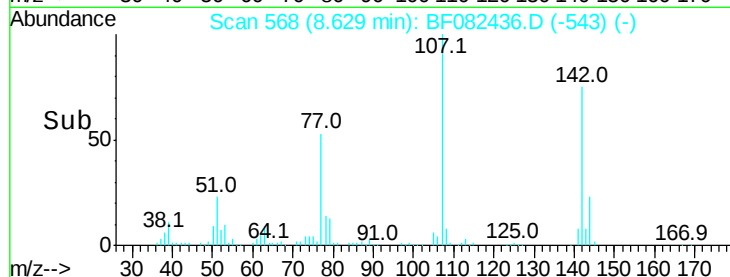
142 75.1 59.9 89.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 45.48 ng

RT: 8.78 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

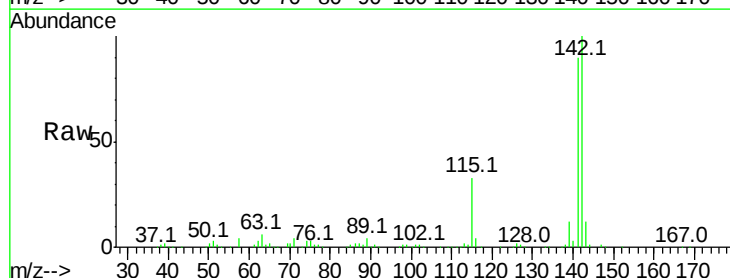
Tgt Ion:142 Resp: 490422

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

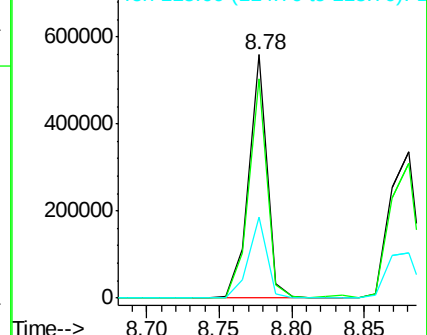
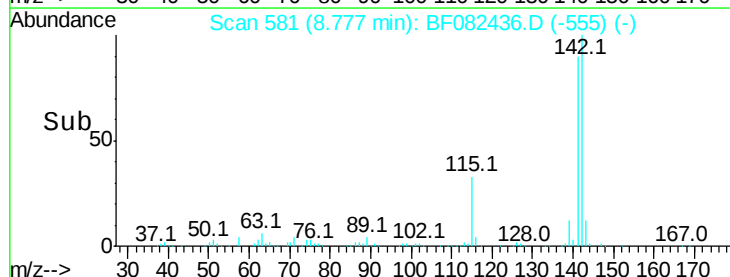
115 33.5 24.6 37.0

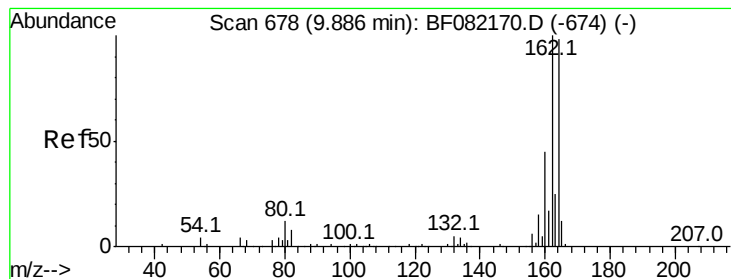


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

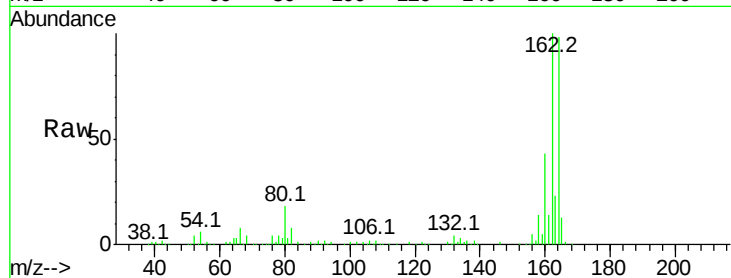
Tot Ion:164 Resp: 166349

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

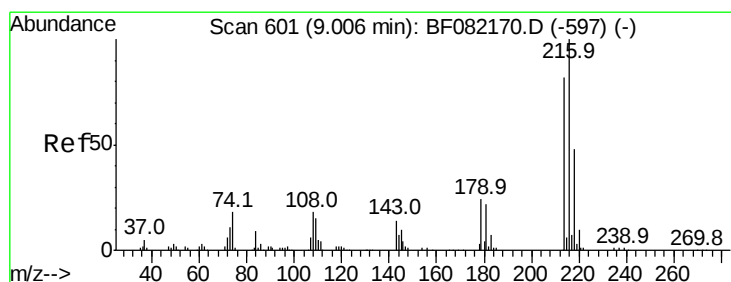
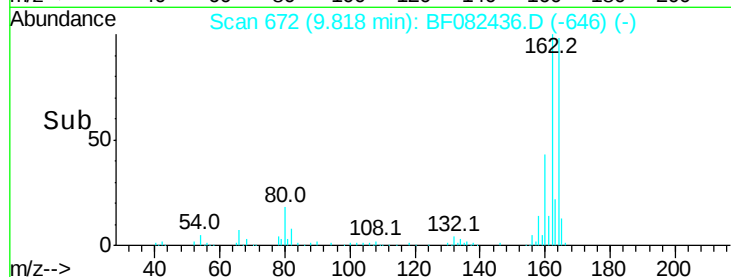
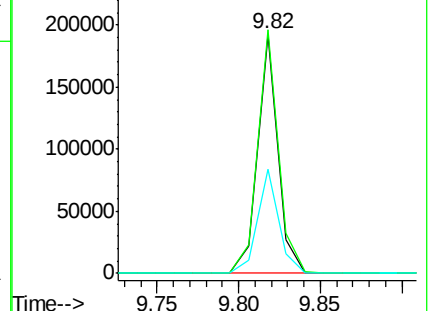
160 43.6 36.4 54.6



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: 45.31 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Tgt Ion:216 Resp: 224185

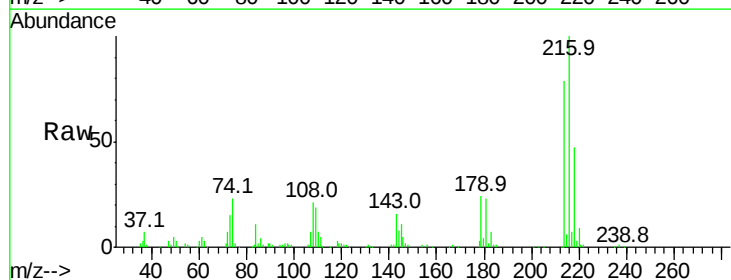
Ion Ratio Lower Upper

216 100

214 78.5 64.6 97.0

179 20.4 17.6 26.4

108 15.7 14.5 21.7

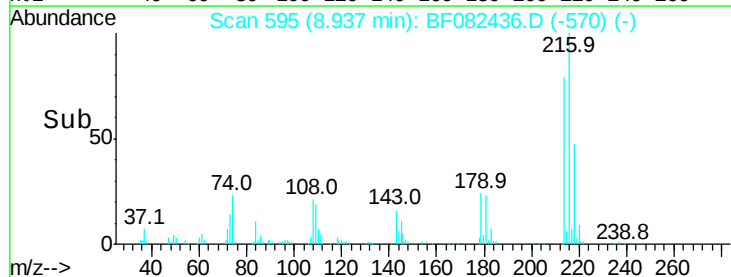
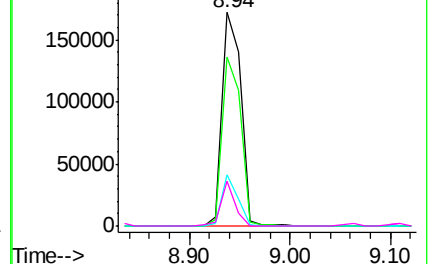


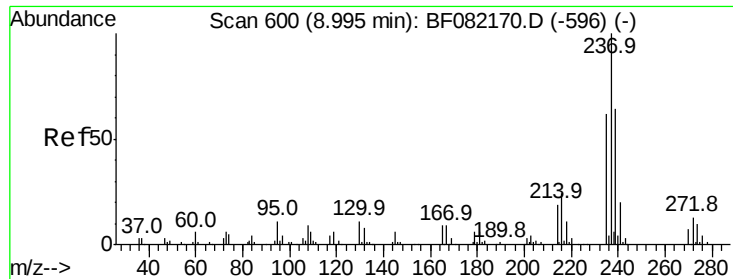
Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.38 ng

RT: 8.93 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

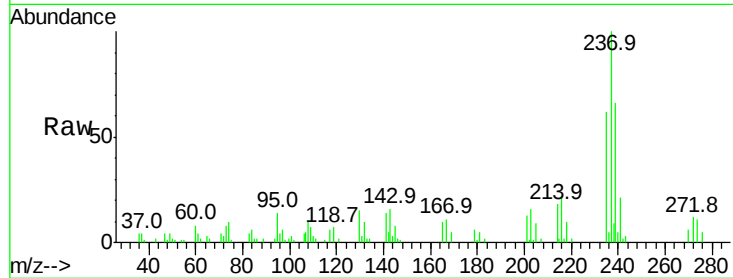
Tot Ion:237 Resp: 25364

Ion Ratio Lower Upper

237 100

235 62.0 41.7 81.7

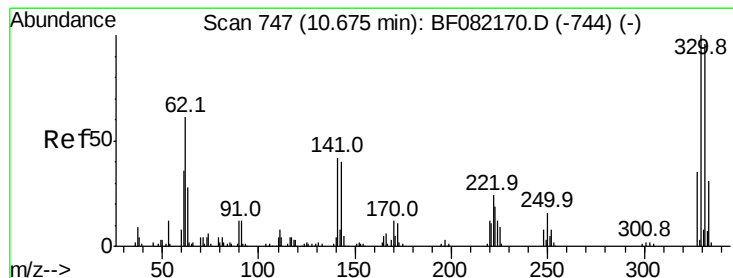
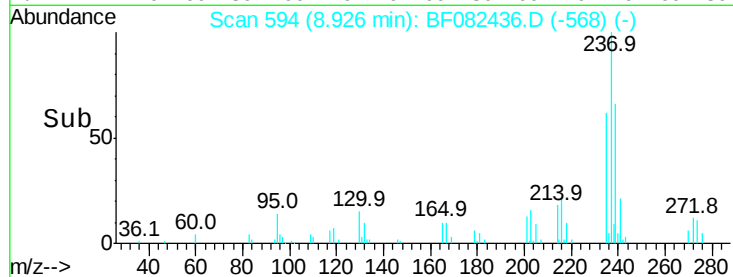
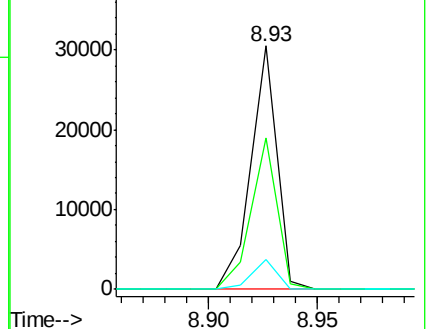
272 12.2 0.0 32.8



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: 85.31 ng

RT: 10.62 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

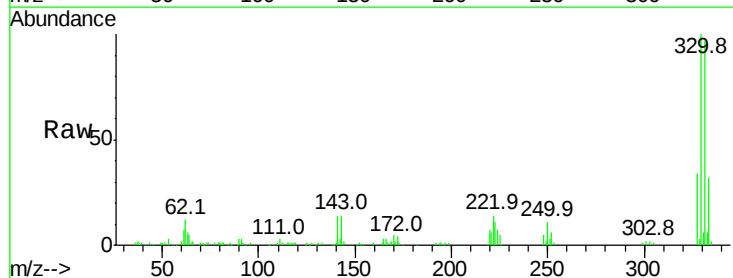
Tgt Ion:330 Resp: 133092

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

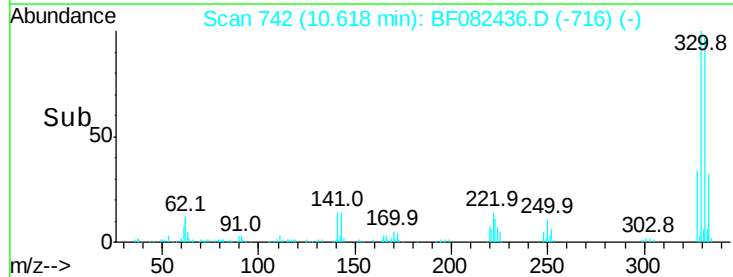
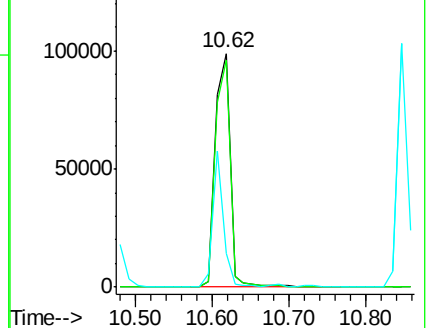
141 41.5 29.8 44.8

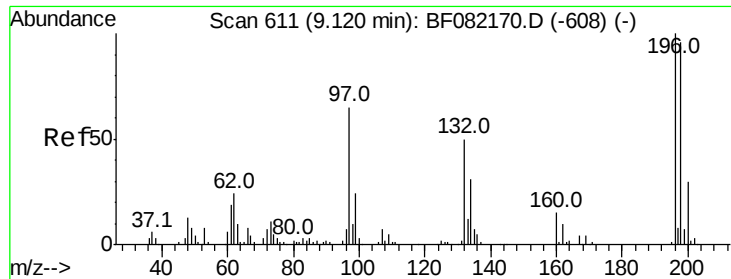


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

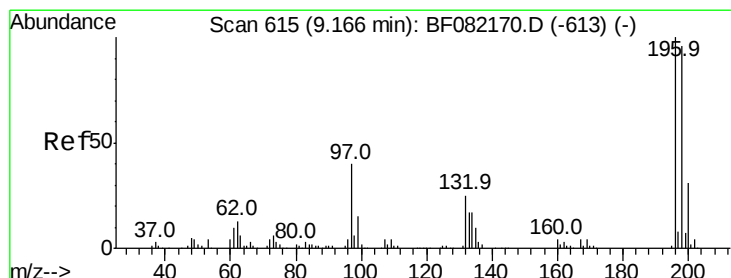
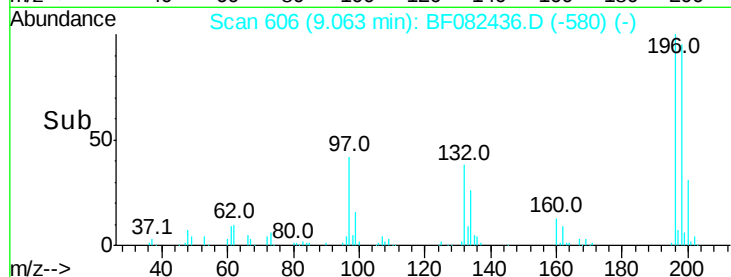
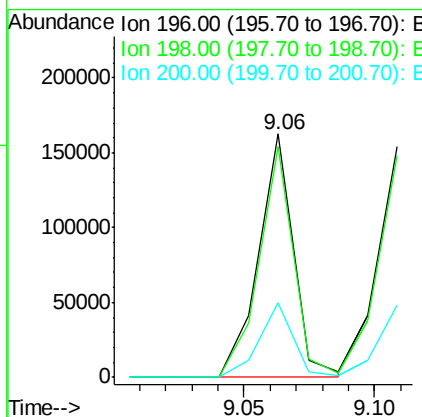
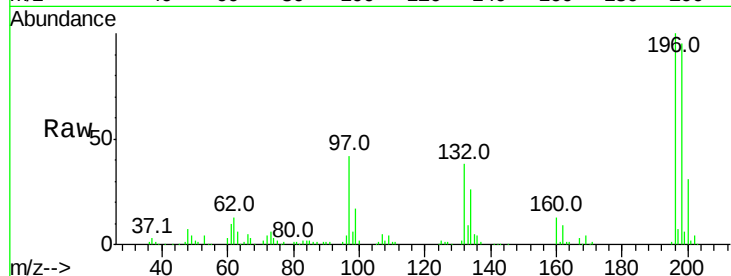




#42
 2,4,6-Trichlorophenol
 Concen: 45.61 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

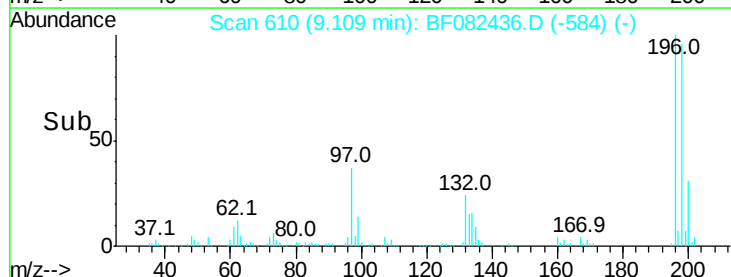
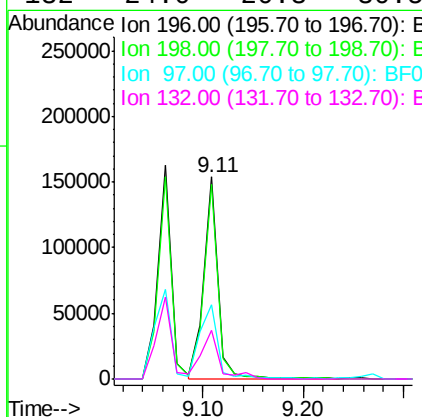
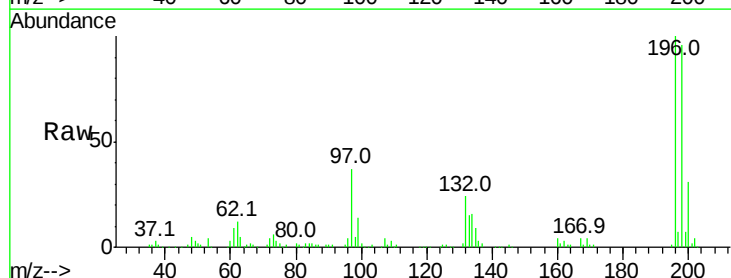
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

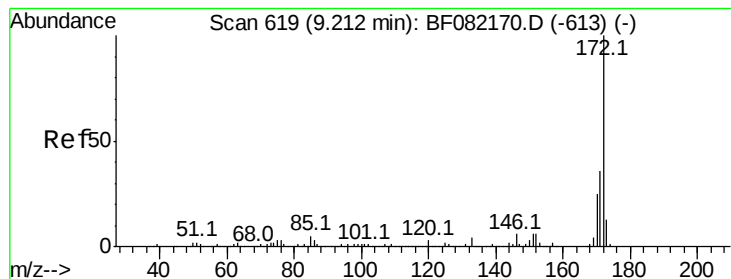
Tot Ion:196 Resp: 149898
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 115.0
 200 30.9 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 42.64 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion:196 Resp: 151780
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.0 115.4
 97 36.5 31.9 47.9
 132 24.0 20.3 30.5





#44

2-Fluorobiphenyl

Concen: 91.02 ng

RT: 9.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

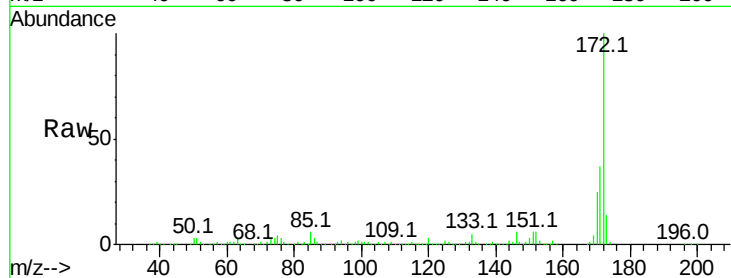
Tot Ion:172 Resp: 913041

Ion Ratio Lower Upper

172 100

171 36.8 28.6 42.8

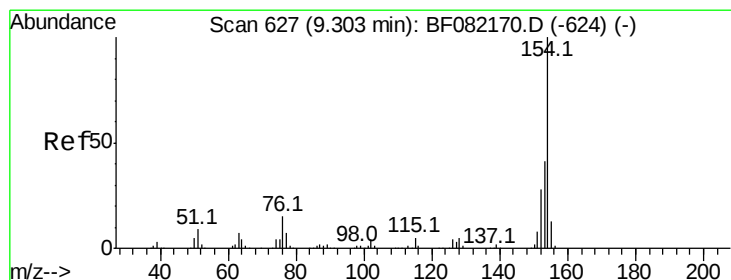
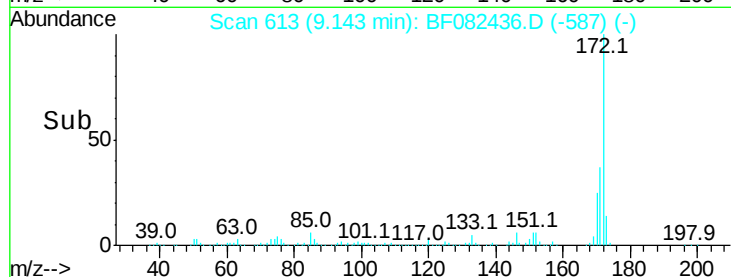
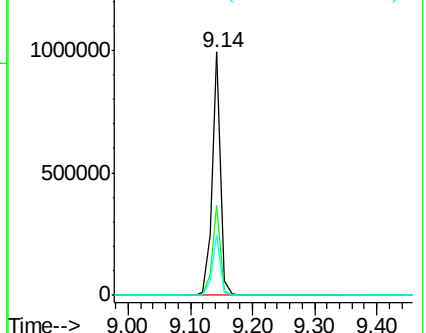
170 25.1 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 47.19 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

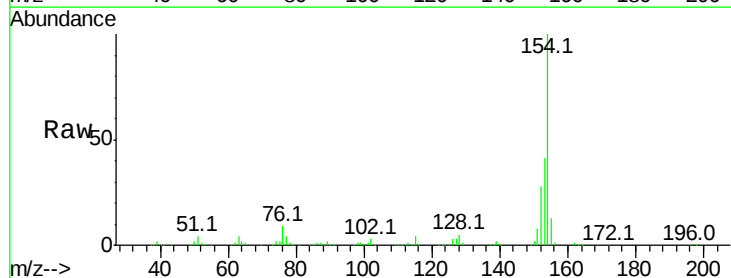
Tgt Ion:154 Resp: 598610

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

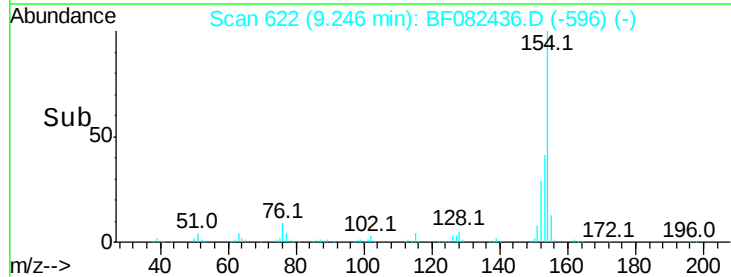
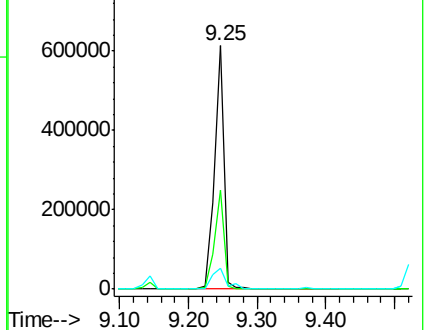
76 8.8 0.0 35.2

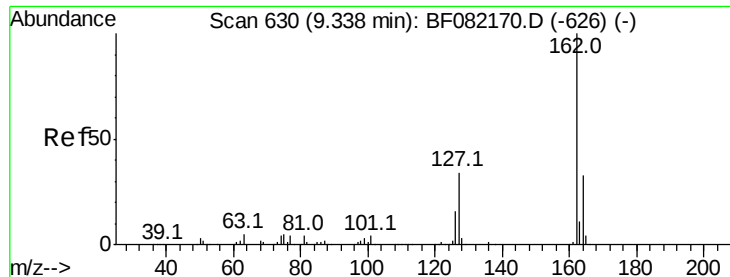


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

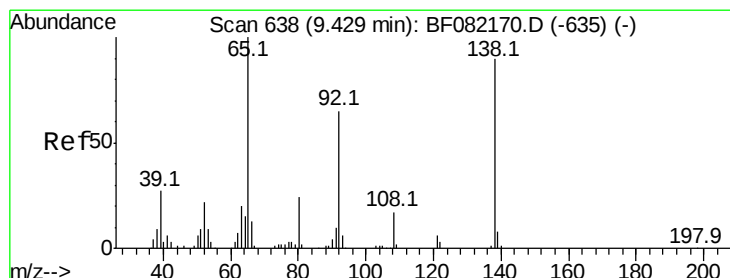
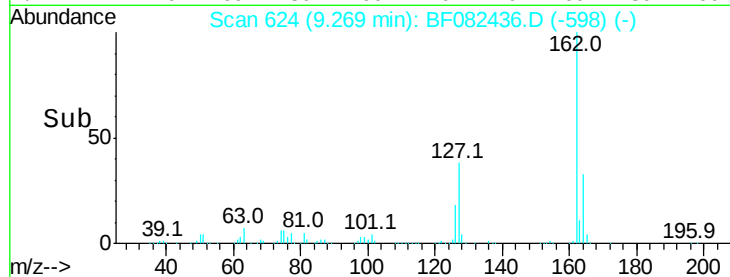
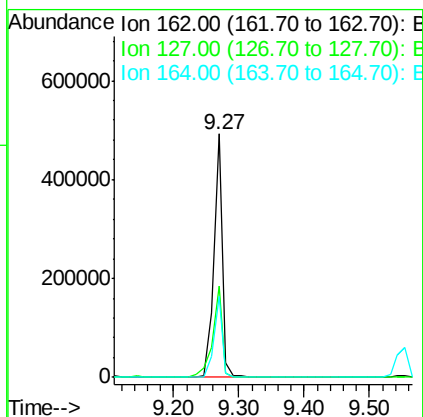
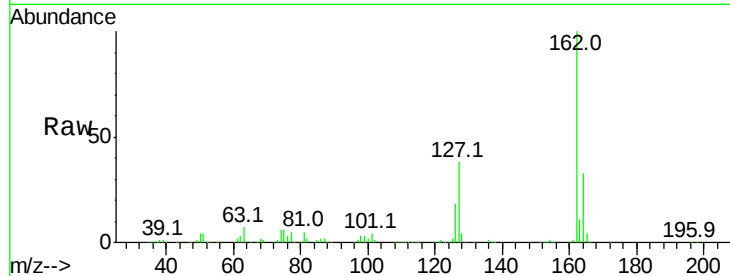




#46
2-Chloronaphthalene
Concen: 46.21 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

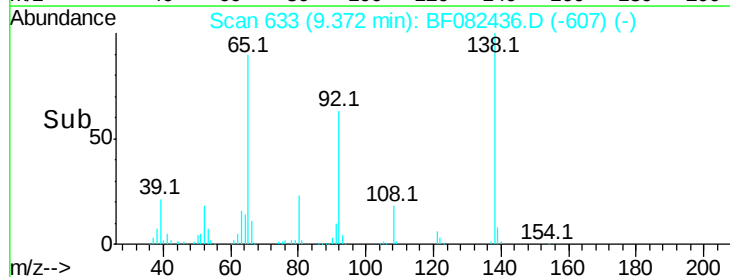
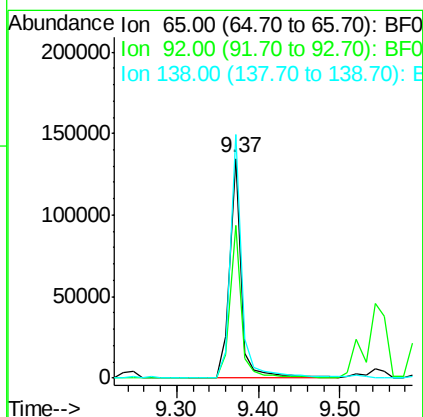
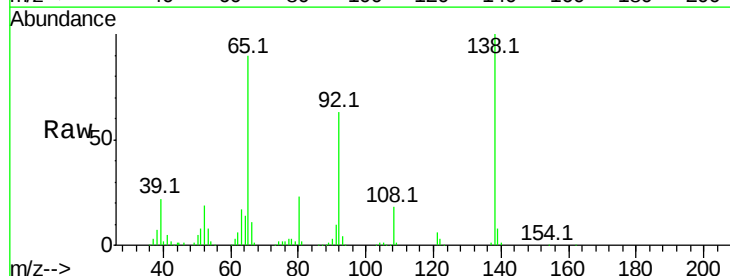
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

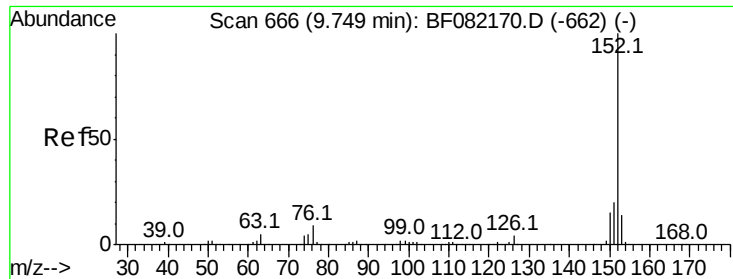
Tot Ion:162 Resp: 461414
Ion Ratio Lower Upper
162 100
127 37.6 27.5 41.3
164 33.3 26.6 39.8



#47
2-Nitroaniline
Concen: 48.67 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion: 65 Resp: 133420
Ion Ratio Lower Upper
65 100
92 69.4 52.3 78.5
138 110.8 72.2 108.4#





#48

Acenaphthylene

Concen: 42.75 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

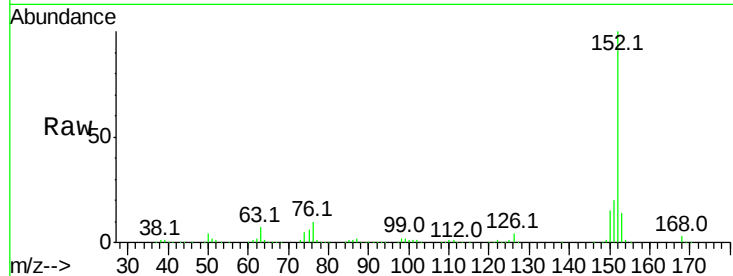
Tot Ion:152 Resp: 665074

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

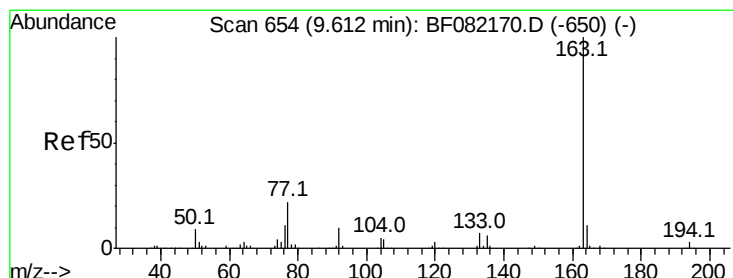
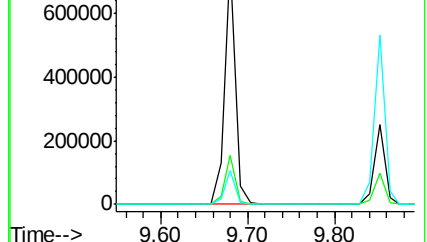
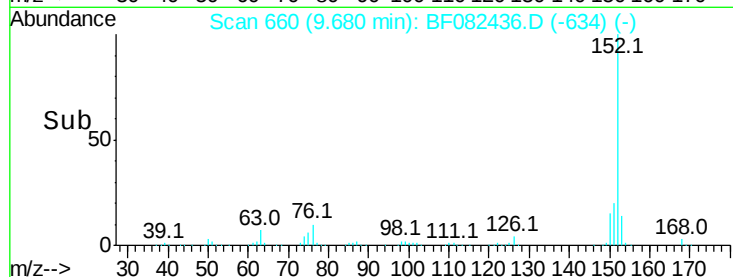
153 13.9 10.8 16.2



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: 64.96 ng

RT: 9.55 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

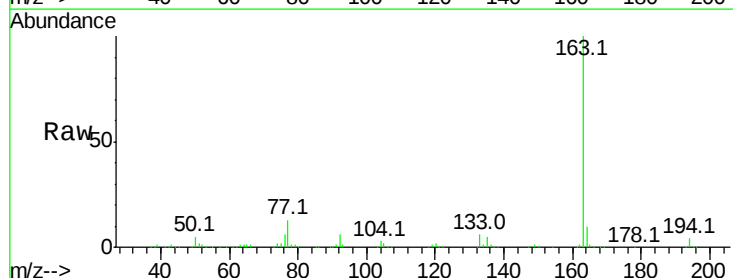
Tgt Ion:163 Resp: 760899

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

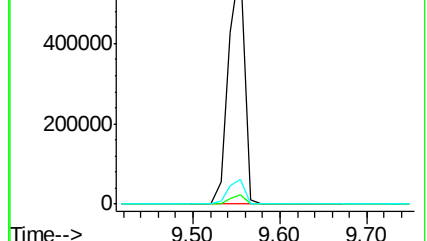
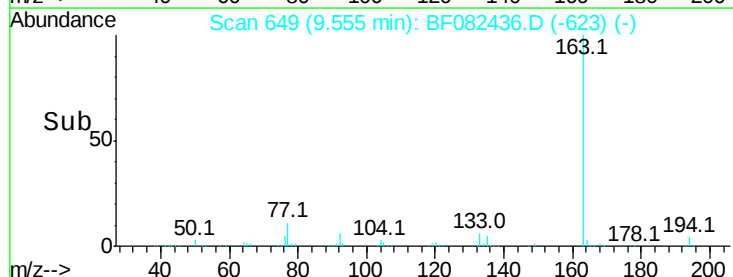
164 10.1 8.5 12.7

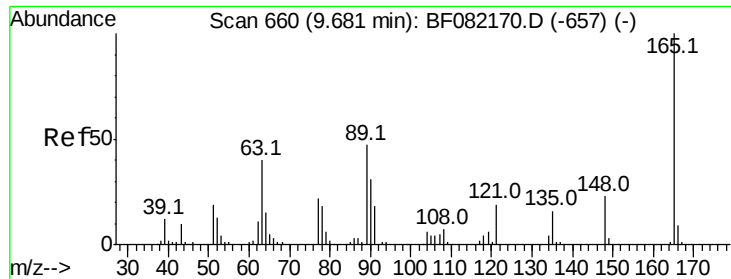


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

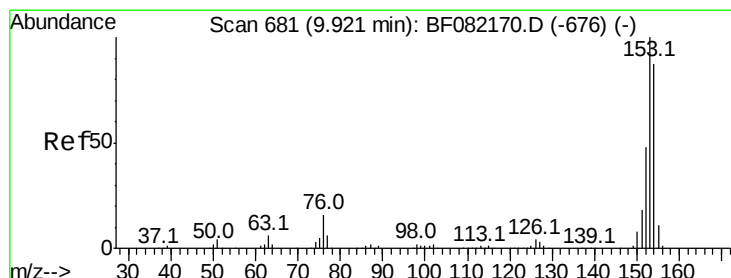
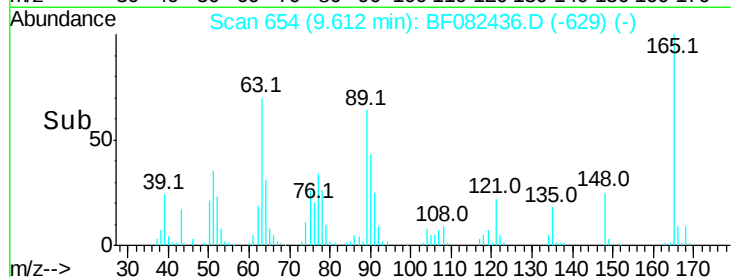
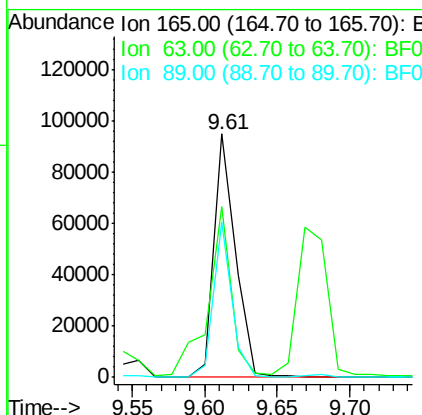
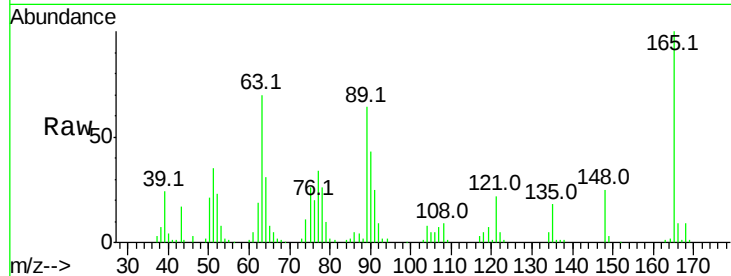




#50
 2,6-Dinitrotoluene
 Concen: 39.80 ng
 RT: 9.61 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

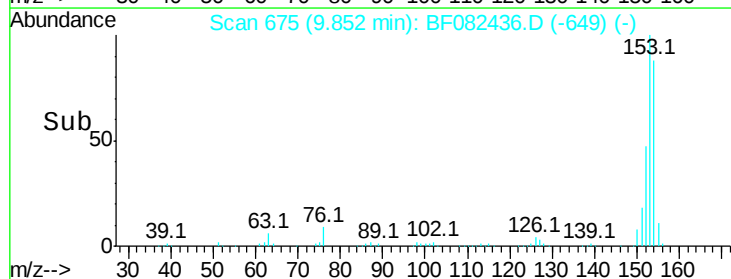
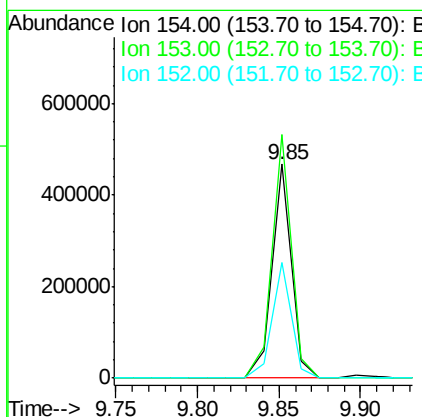
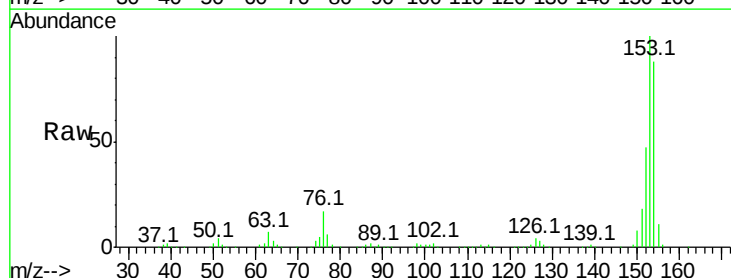
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

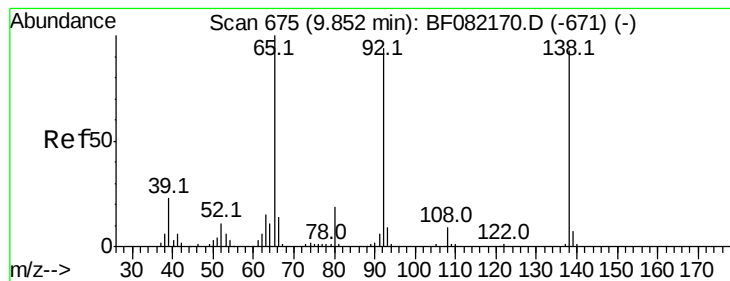
Tot Ion:165 Resp: 98361
 Ion Ratio Lower Upper
 165 100
 63 70.0 36.7 55.1#
 89 63.6 37.8 56.6#



#51
 Acenaphthene
 Concen: 41.88 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion:154 Resp: 391056
 Ion Ratio Lower Upper
 154 100
 153 114.0 91.4 137.2
 152 54.1 44.3 66.5





#52

3-Nitroaniline

Concen: 30.83 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

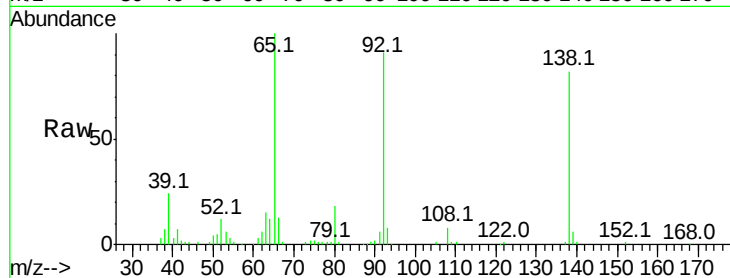
Tot Ion:138 Resp: 86077

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

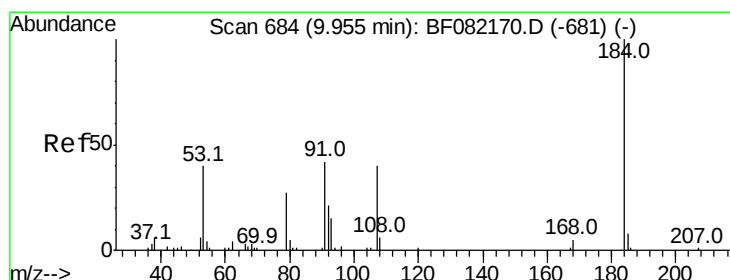
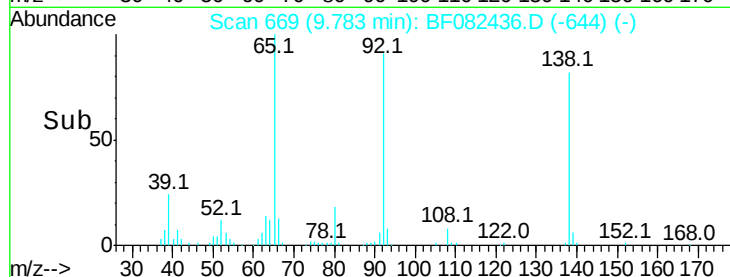
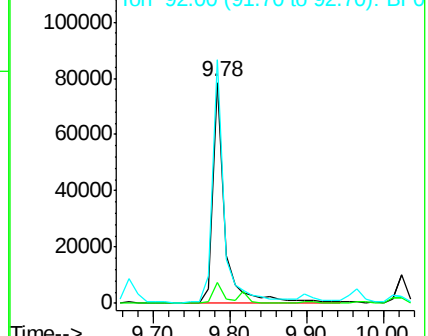
92 110.1 81.3 121.9



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: 15.47 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

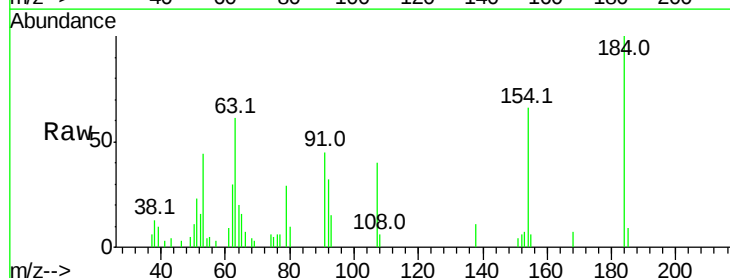
Tgt Ion:184 Resp: 13617

Ion Ratio Lower Upper

184 100

63 60.9 45.1 67.7

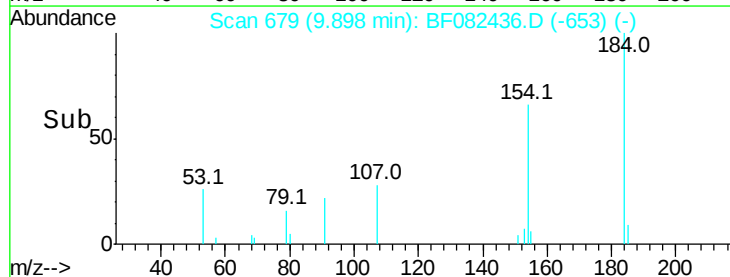
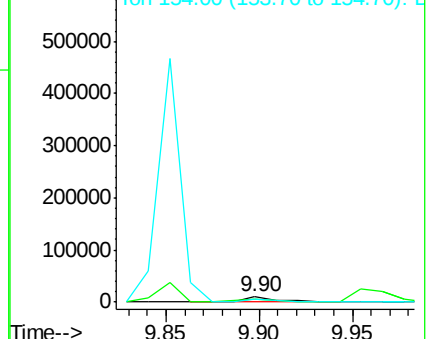
154 66.3 51.2 76.8

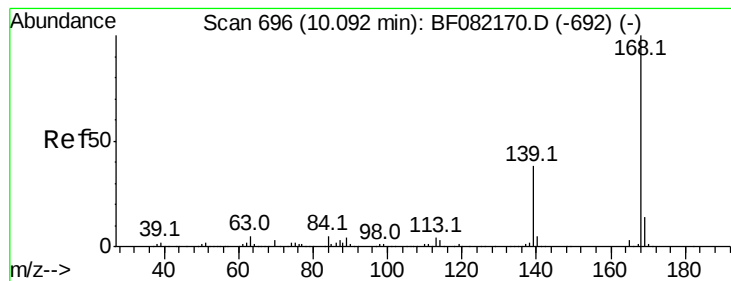


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 43.72 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

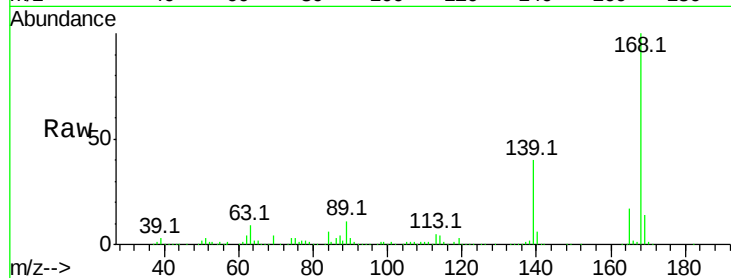
Tot Ion:168 Resp: 560538

Ion Ratio Lower Upper

168 100

139 40.2 31.0 46.6

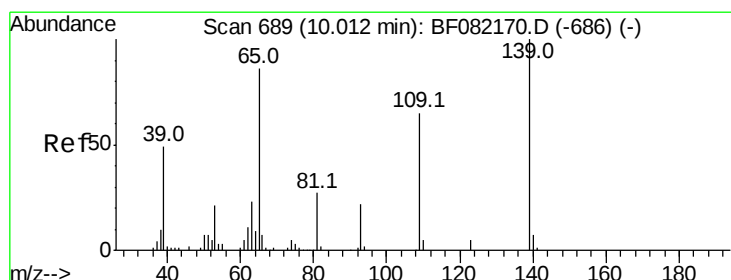
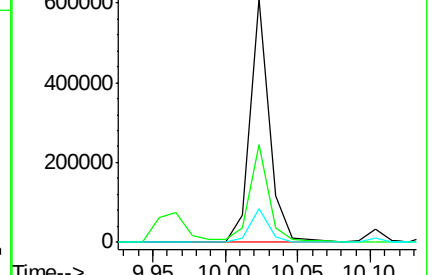
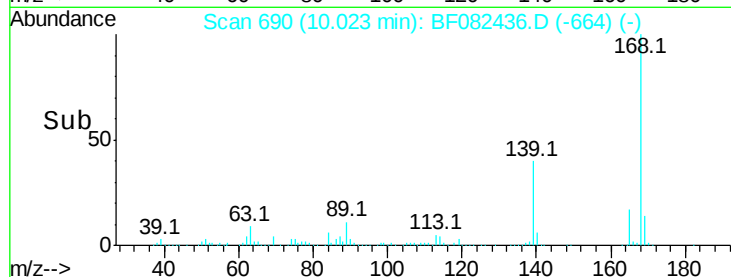
169 13.8 10.9 16.3



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: 64.73 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

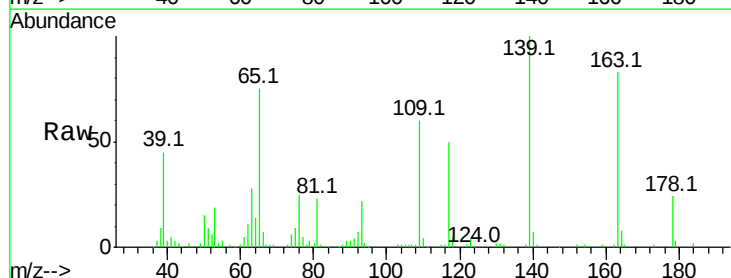
Tgt Ion:139 Resp: 115302

Ion Ratio Lower Upper

139 100

109 59.5 44.8 84.8

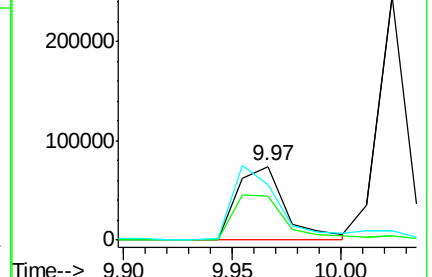
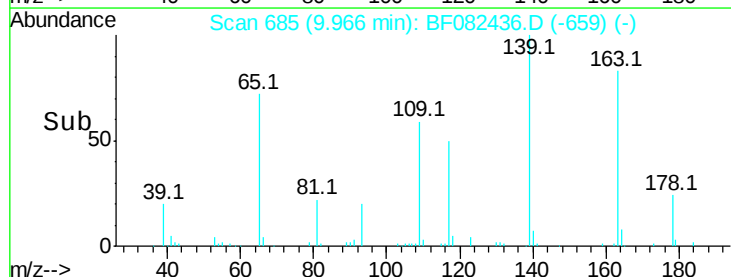
65 75.1 67.7 107.7

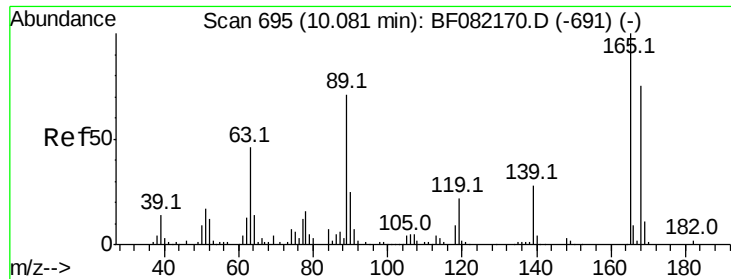


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

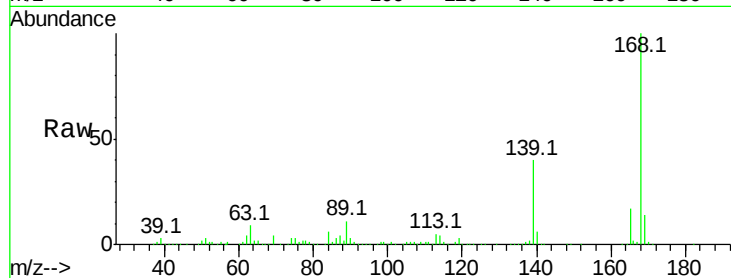




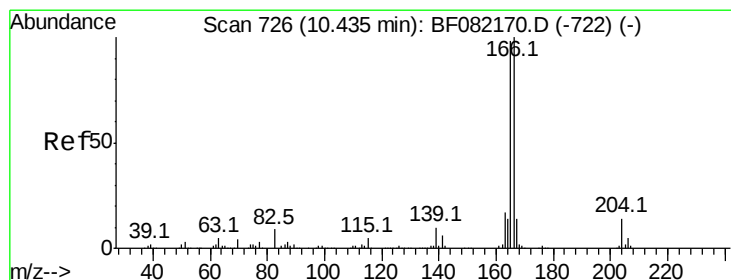
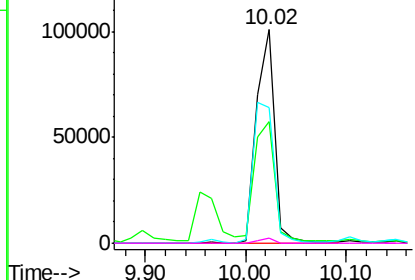
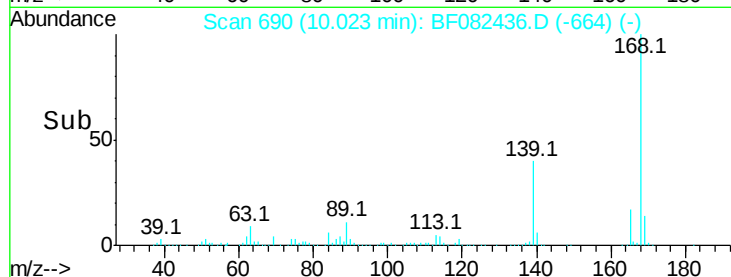
#56
2,4-Dinitrotoluene
Concen: 41.25 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

Tot Ion:165 Resp: 127442
Ion Ratio Lower Upper
165 100
63 57.1 38.6 58.0
89 63.5 57.0 85.6
182 2.3 1.8 2.6

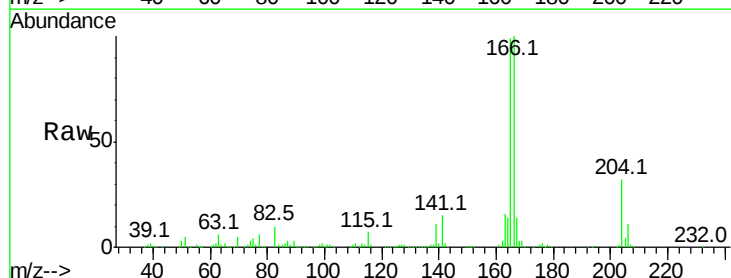


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

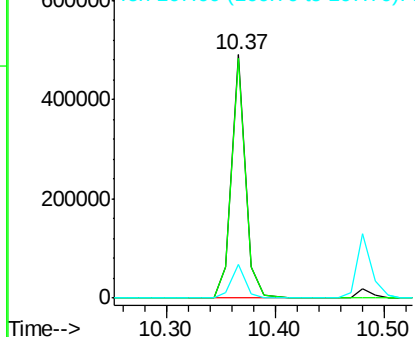
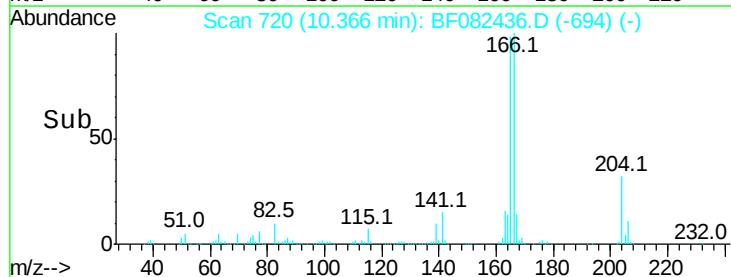


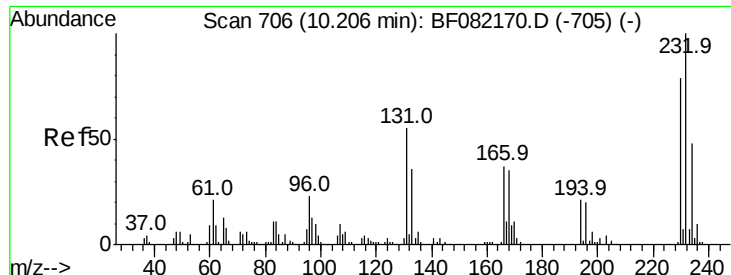
#57
Fluorene
Concen: 41.30 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion:166 Resp: 434880
Ion Ratio Lower Upper
166 100
165 98.6 78.3 117.5
167 13.8 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

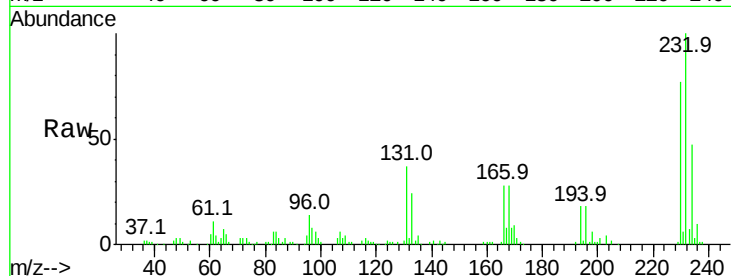




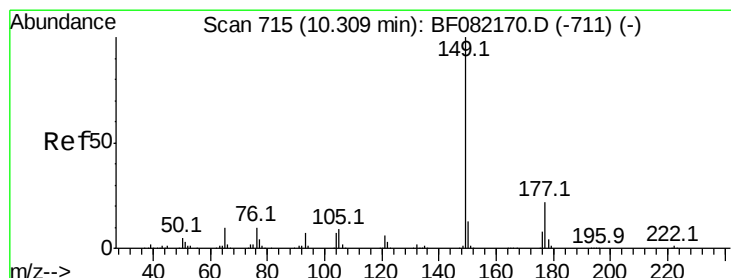
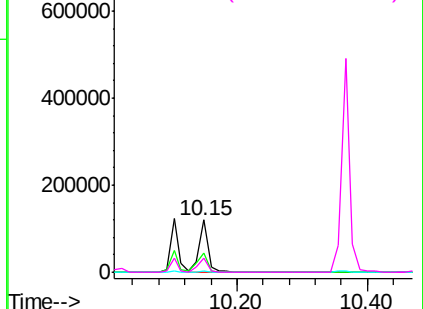
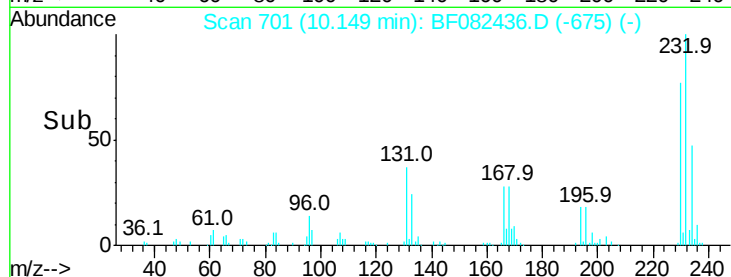
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.35 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	36.6	54.8
130	1.9	1.5	2.3
166	30.5	24.6	37.0

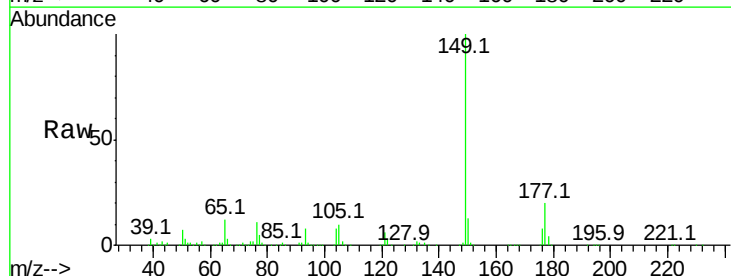


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

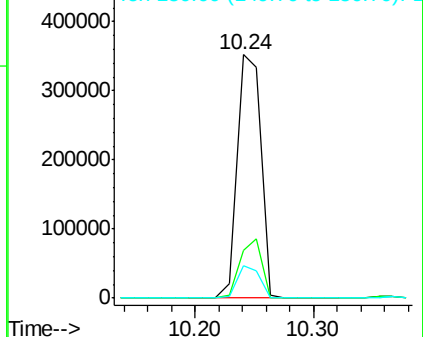
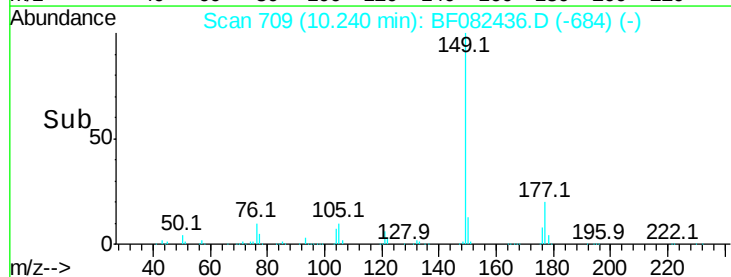


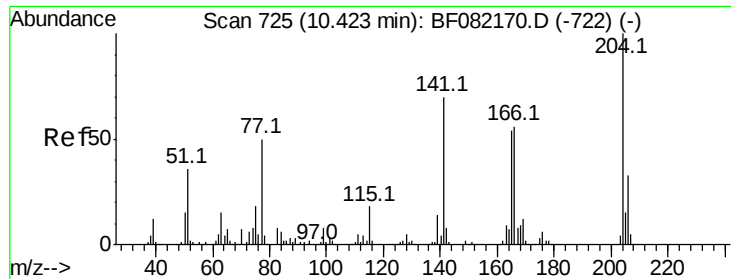
#59
 Diethylphthalate
 Concen: 44.86 ng
 RT: 10.24 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	17.6	26.4
150	13.4	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

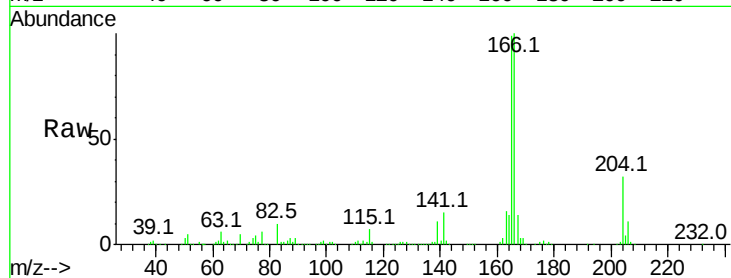




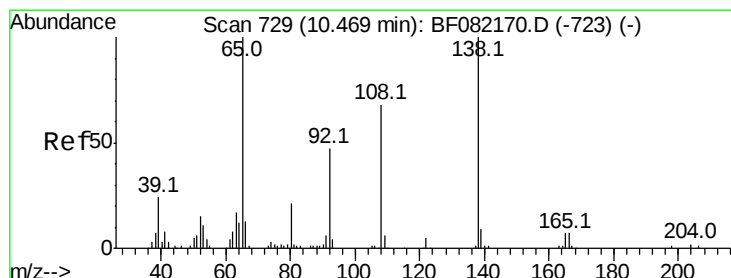
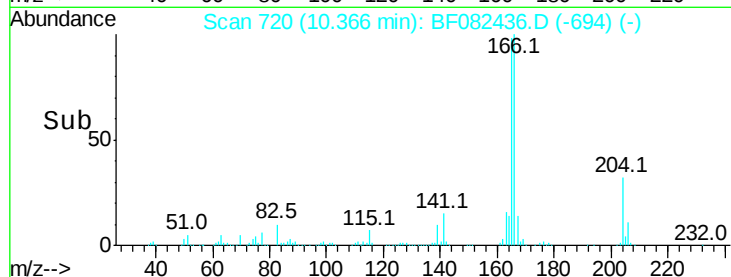
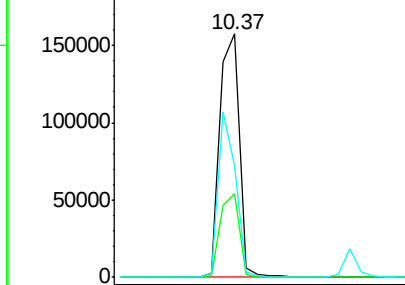
#60
4-Chlorophenyl-phenylether
Concen: 44.19 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

Tot Ion:204 Resp: 213171
Ion Ratio Lower Upper
204 100
206 34.1 26.8 40.2
141 45.9 56.1 84.1#

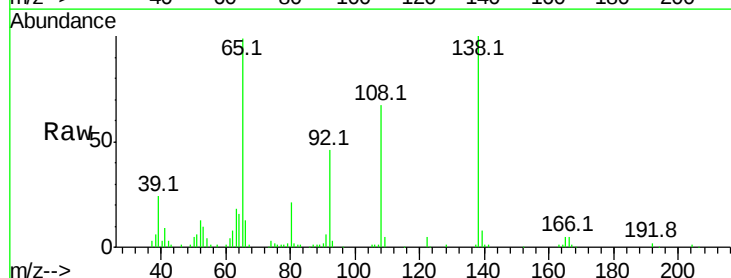


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

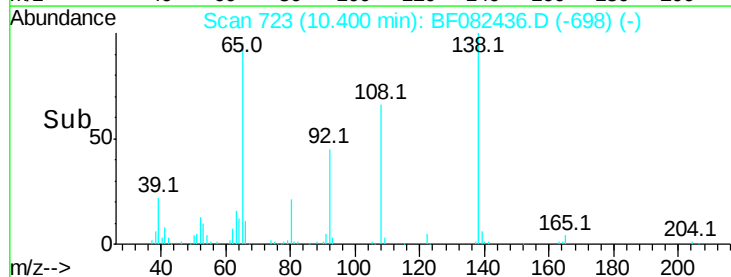
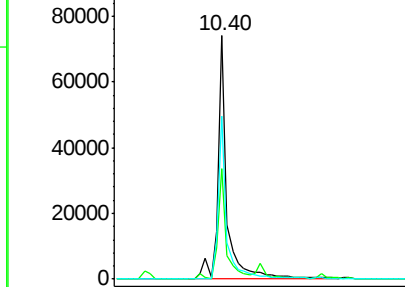


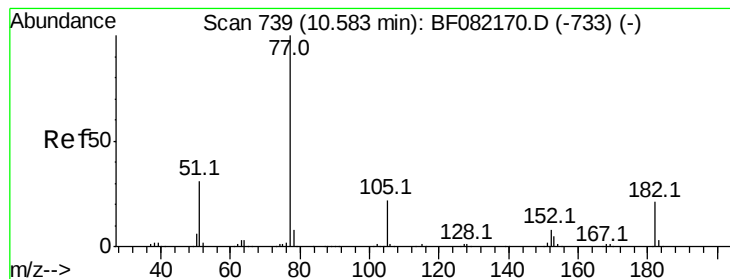
#61
4-Nitroaniline
Concen: 36.82 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion:138 Resp: 99716
Ion Ratio Lower Upper
138 100
92 45.6 26.8 66.8
108 67.0 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: 40.85 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

Tot Ion: 77 Resp: 436507

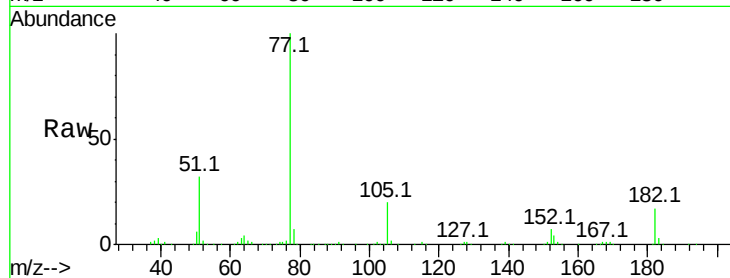
Ion Ratio Lower Upper

77 100

182 17.3 0.5 40.5

105 20.5 1.8 41.8

51 31.6 11.2 51.2

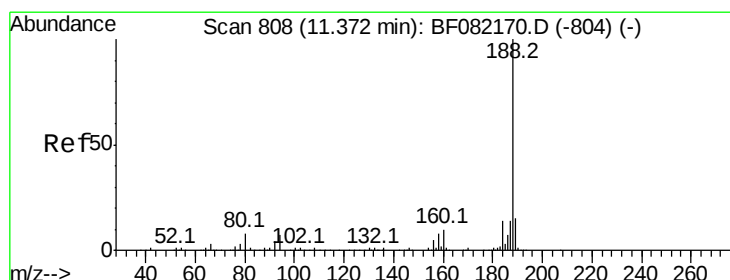
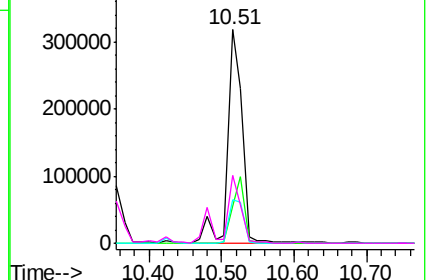
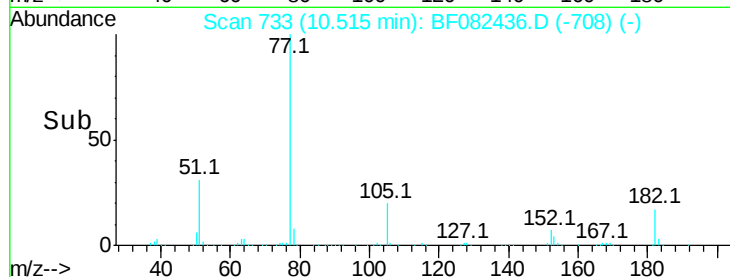


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

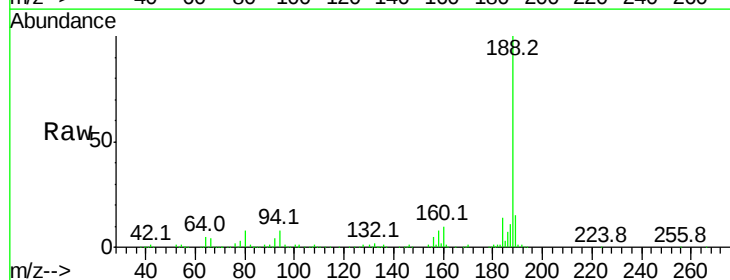
Tgt Ion: 188 Resp: 262092

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

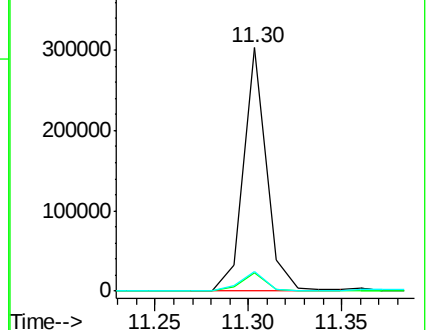
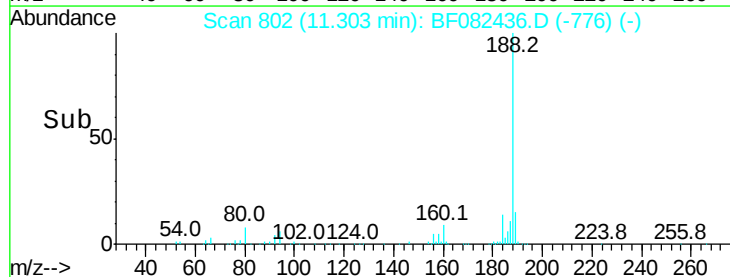
80 8.3 6.4 9.6

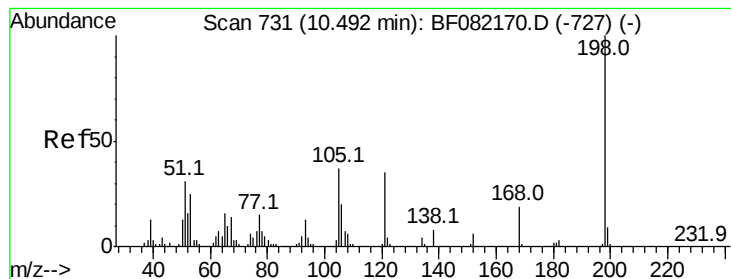


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 10.93 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

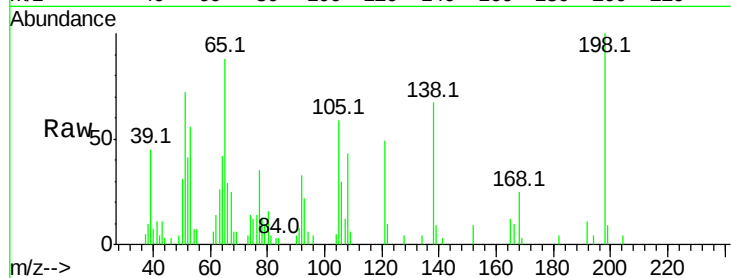
Tot Ion:198 Resp: 16071

Ion Ratio Lower Upper

198 100

51 72.3 13.6 53.6#

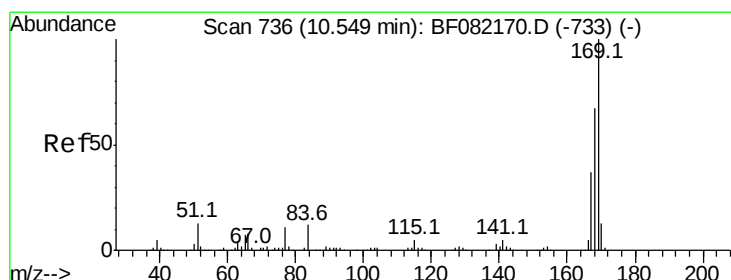
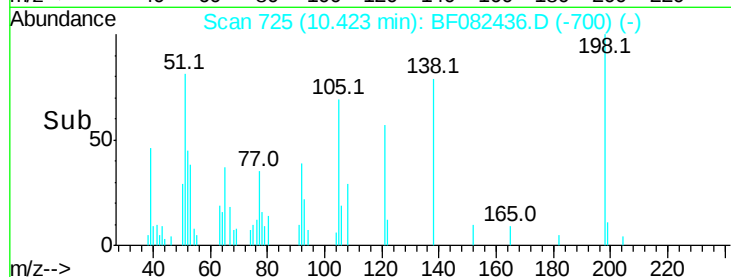
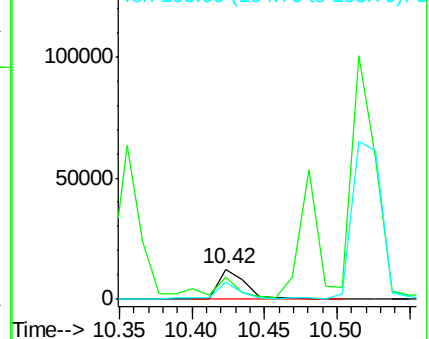
105 58.9 17.1 57.1#



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: 42.99 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

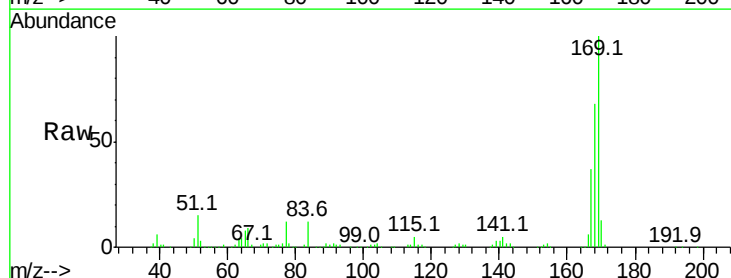
Tgt Ion:169 Resp: 337353

Ion Ratio Lower Upper

169 100

168 67.5 54.0 81.0

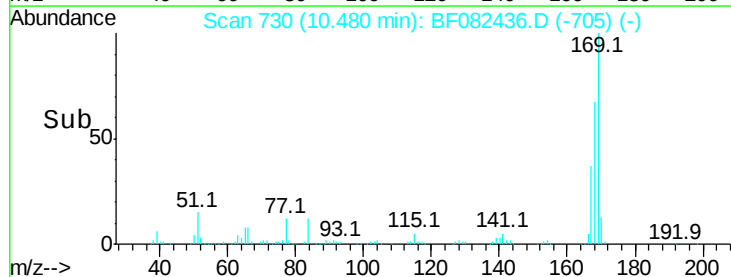
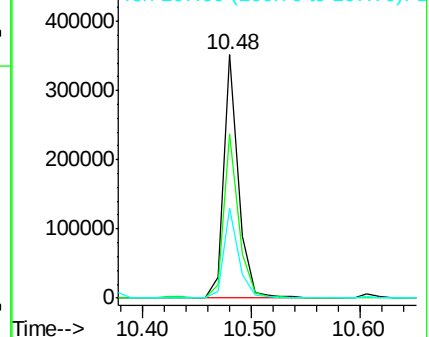
167 36.8 29.6 44.4

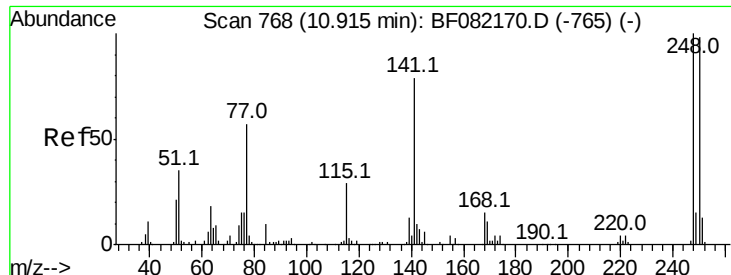


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

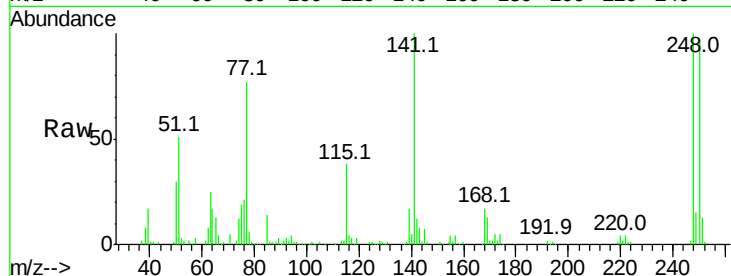




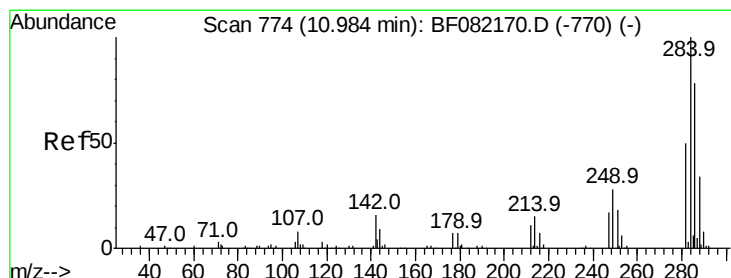
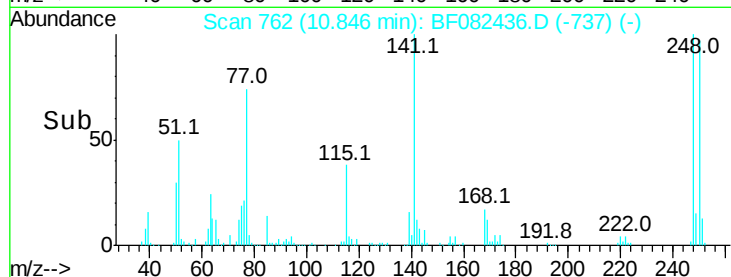
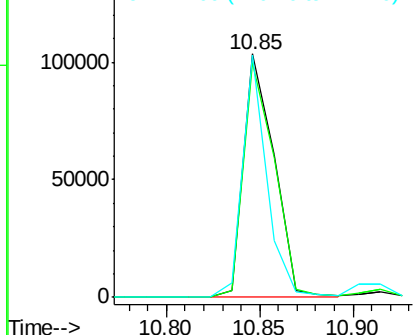
#66
4-Bromophenyl-phenylether
Concen: 45.10 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

Tot Ion:248 Resp: 118301
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 99.6 63.3 94.9#

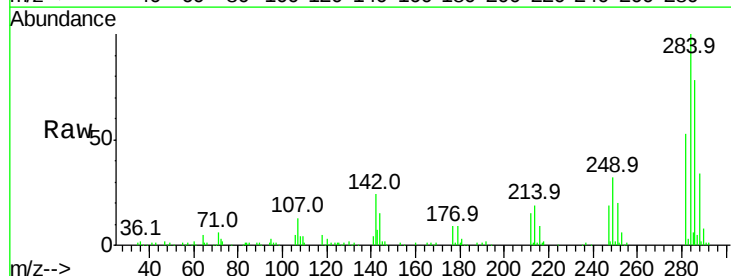


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

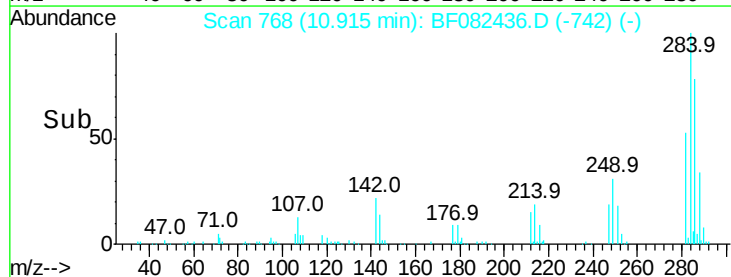
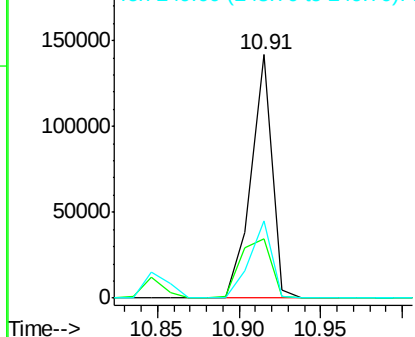


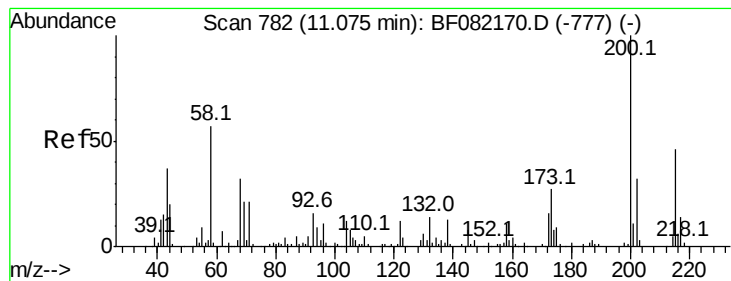
#67
Hexachlorobenzene
Concen: 44.92 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion:284 Resp: 127436
Ion Ratio Lower Upper
284 100
142 24.1 13.0 19.6#
249 31.8 22.5 33.7



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





#68

Atrazine

Concen: 36.43 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

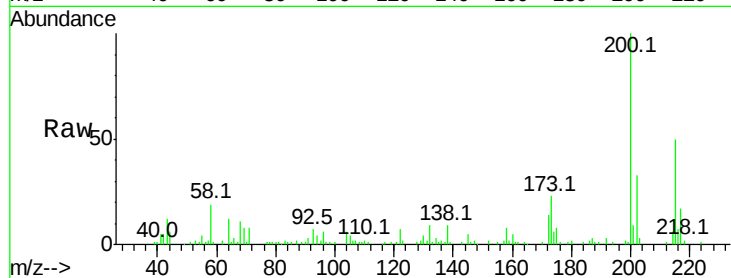
Tot Ion:200 Resp: 90577

Ion Ratio Lower Upper

200 100

173 22.8 7.3 47.3

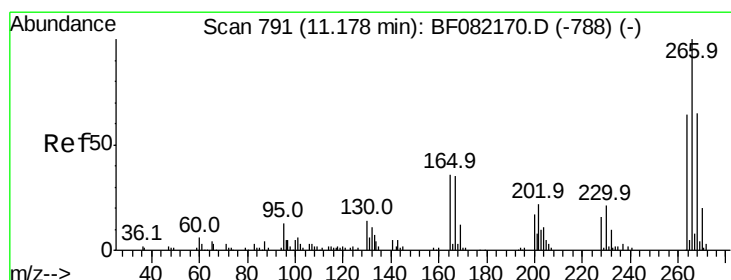
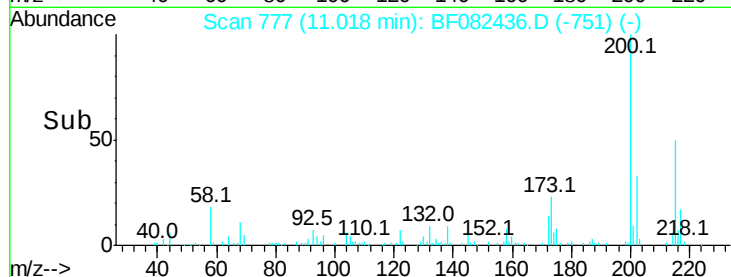
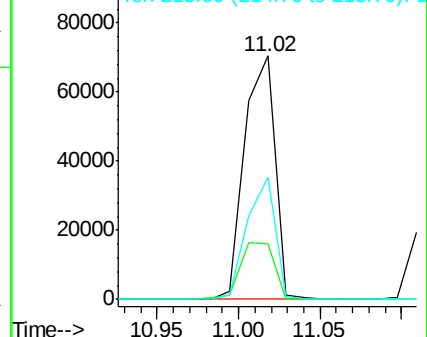
215 50.3 26.2 66.2



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: 75.67 ng

RT: 11.11 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

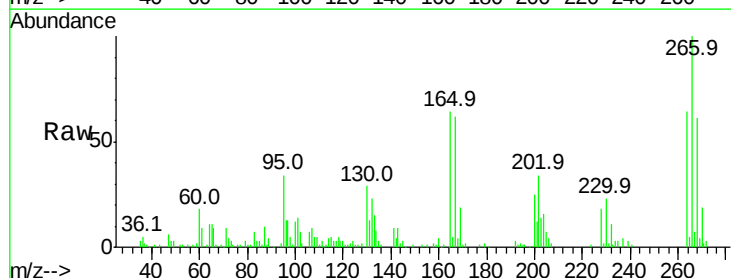
Tgt Ion:266 Resp: 110450

Ion Ratio Lower Upper

266 100

268 61.4 52.0 78.0

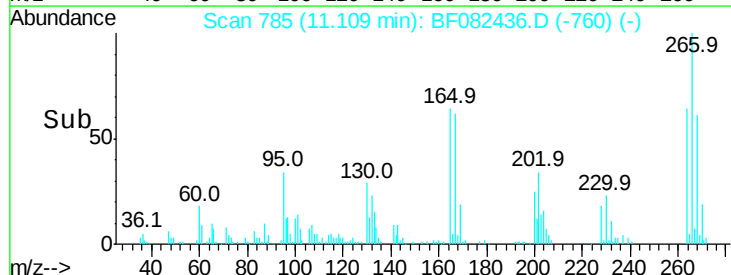
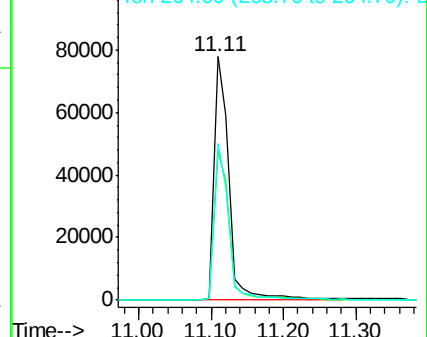
264 64.5 51.4 77.0

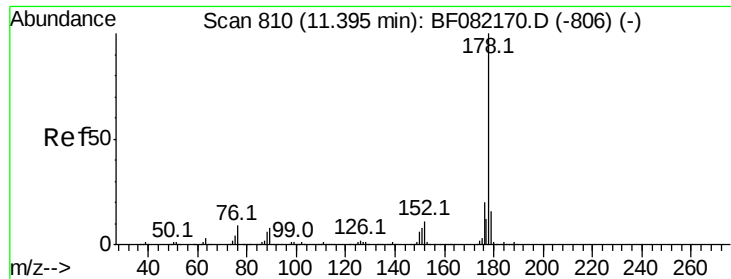


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

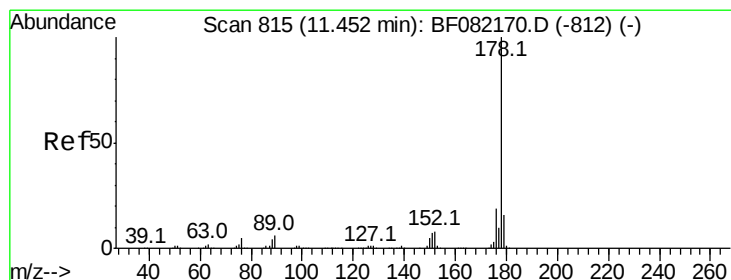
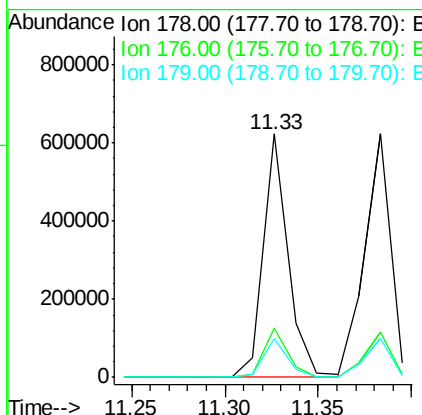
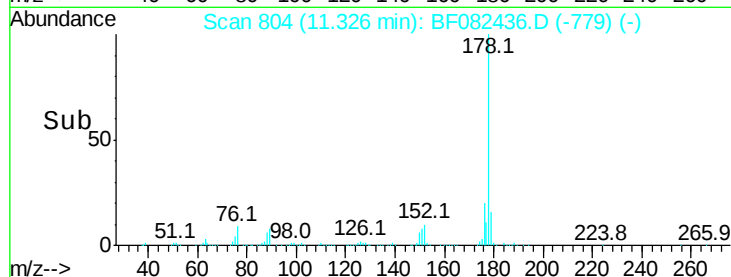
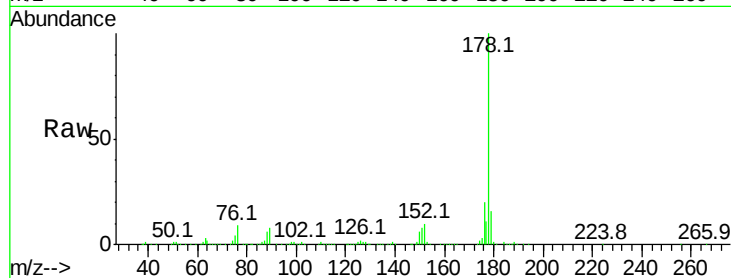




#70
Phenanthrene
Concen: 44.13 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

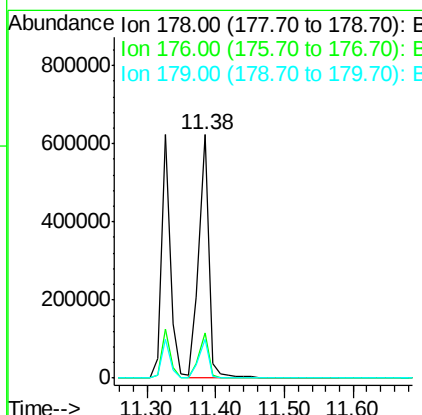
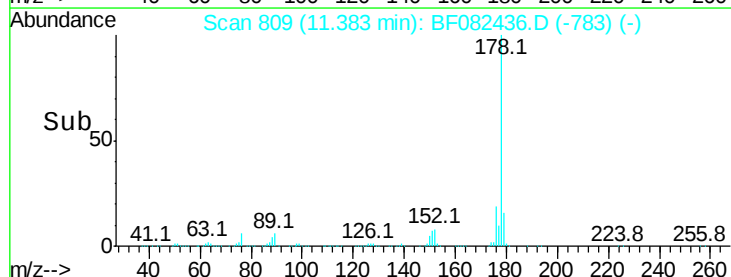
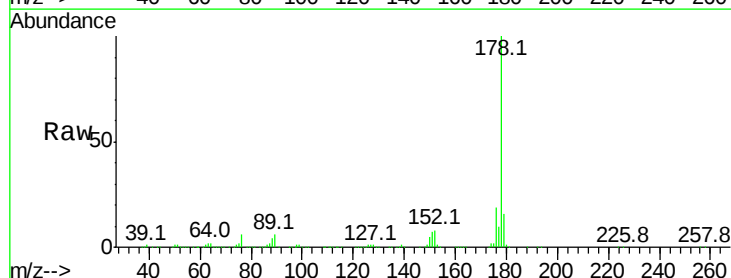
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

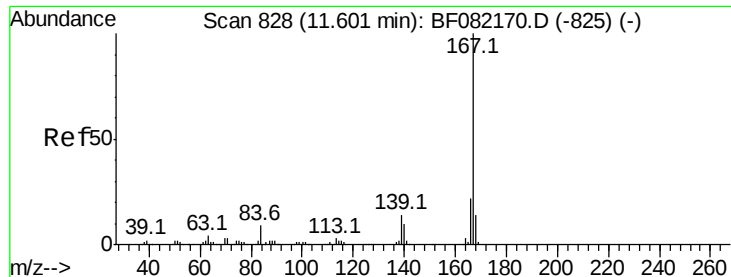
Tot Ion:178 Resp: 566927
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.7 12.6 19.0



#71
Anthracene
Concen: 46.80 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion:178 Resp: 619603
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.7 12.5 18.7

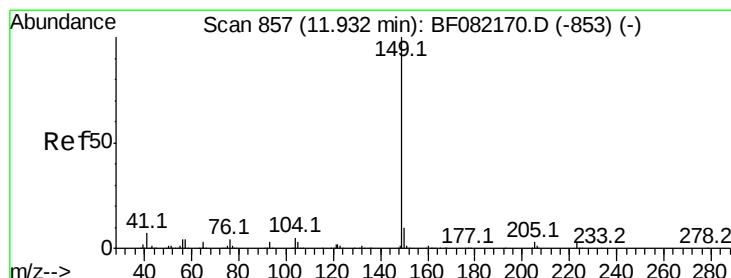
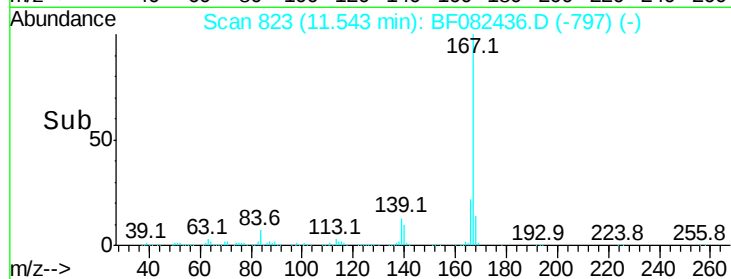
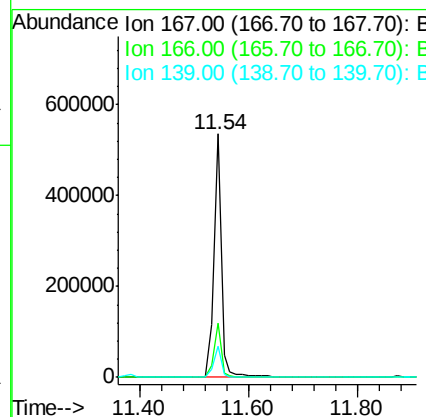
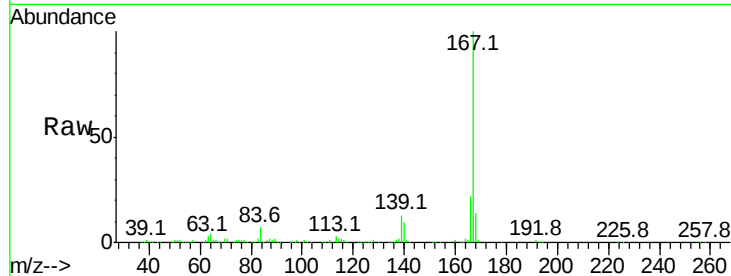




#72
 Carbazole
 Concen: 42.70 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

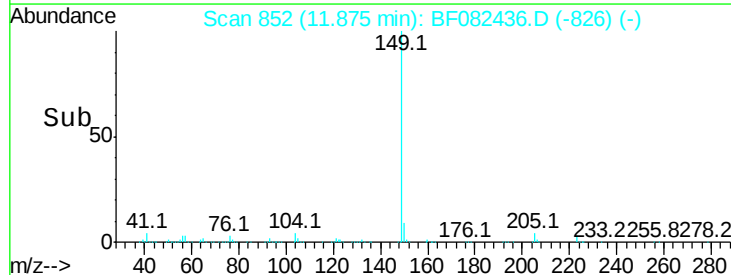
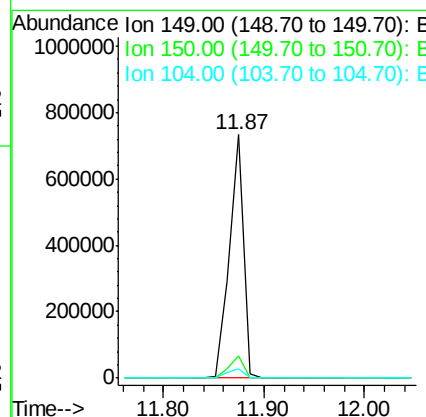
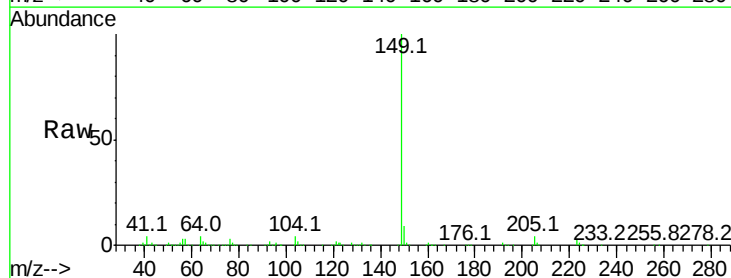
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

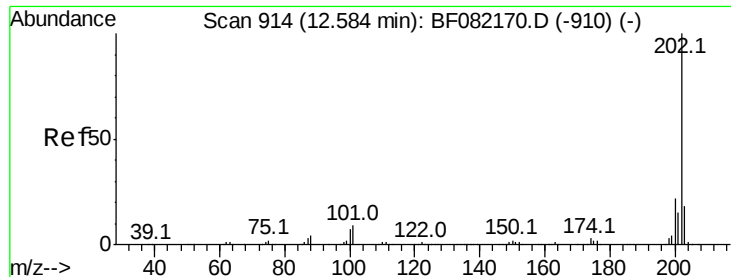
Tot Ion:167 Resp: 515713
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.7 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 48.15 ng
 RT: 11.87 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion:149 Resp: 717302
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 3.9 3.8 5.8





#74

Fluoranthene

Concen: 39.05 ng

RT: 12.51 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

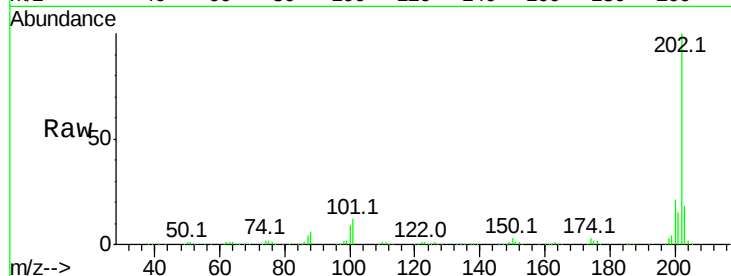
Tot Ion:202 Resp: 538790

Ion Ratio Lower Upper

202 100

101 12.1 0.0 29.3

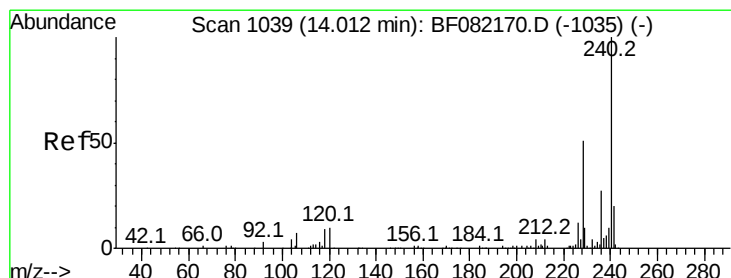
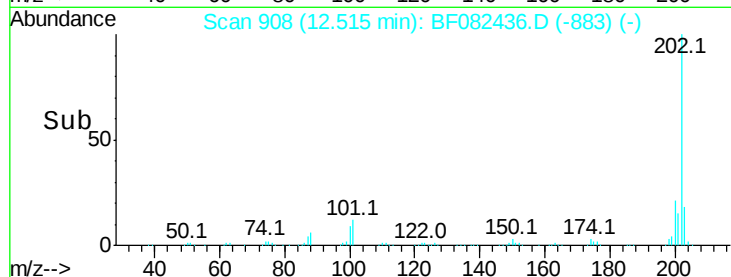
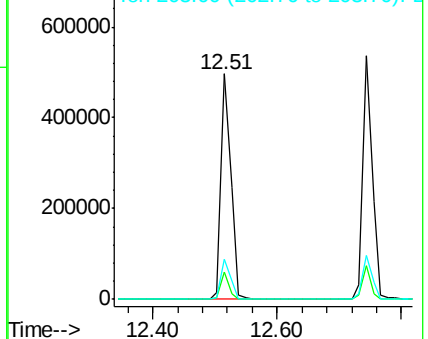
203 18.0 0.0 37.8



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: 13.98 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

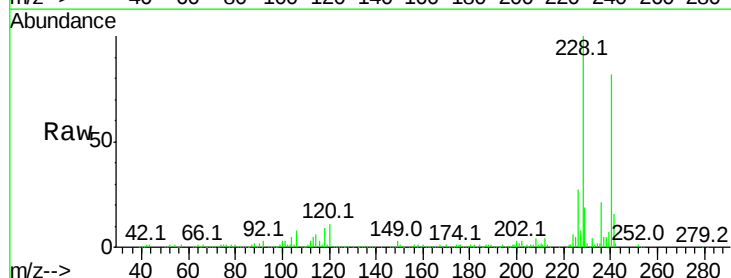
Tgt Ion:240 Resp: 222945

Ion Ratio Lower Upper

240 100

120 13.1 8.1 12.1#

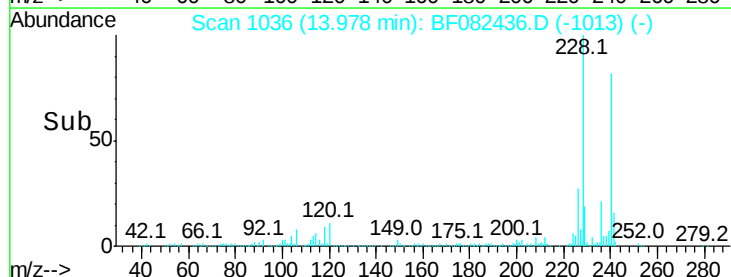
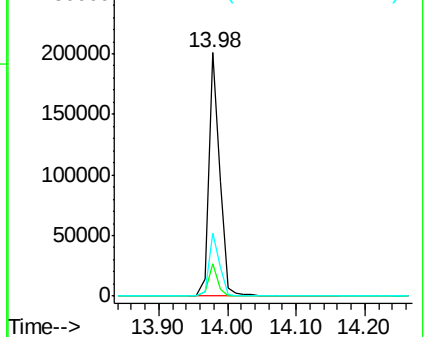
236 25.7 21.3 31.9

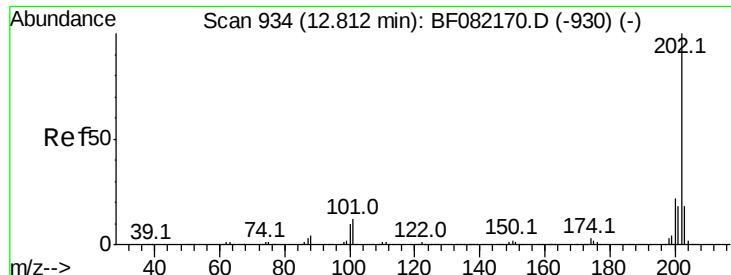


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

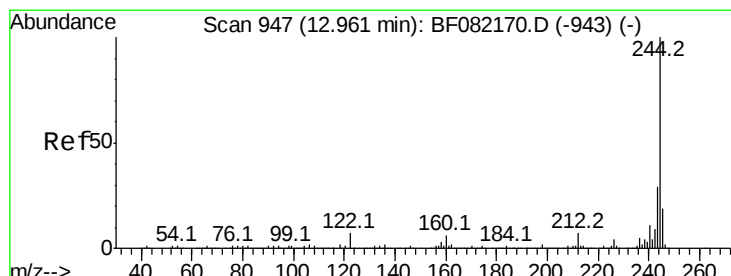
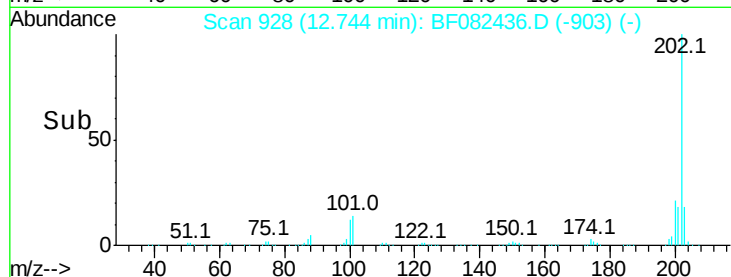
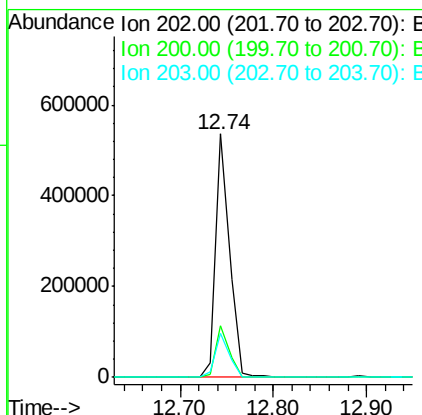
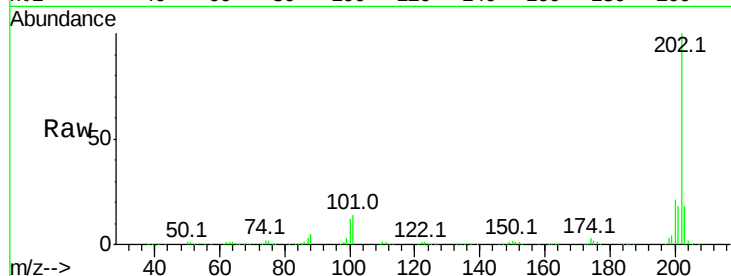




#77
 Pvrene
 Concen: 41.69 ng
 RT: 12.74 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

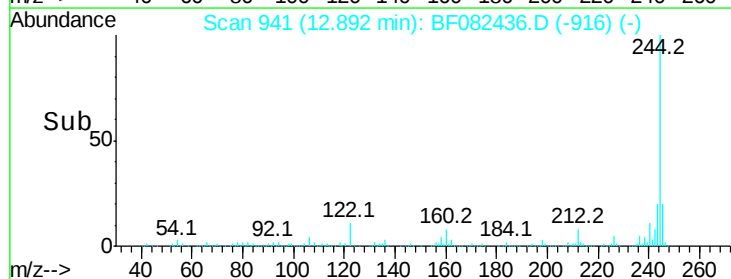
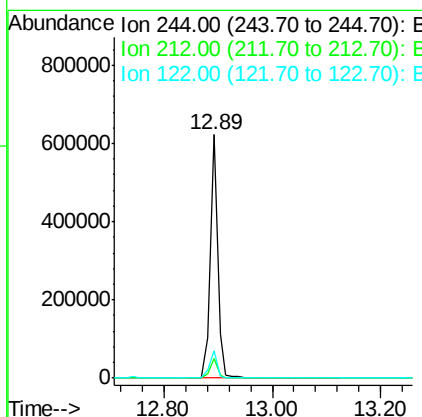
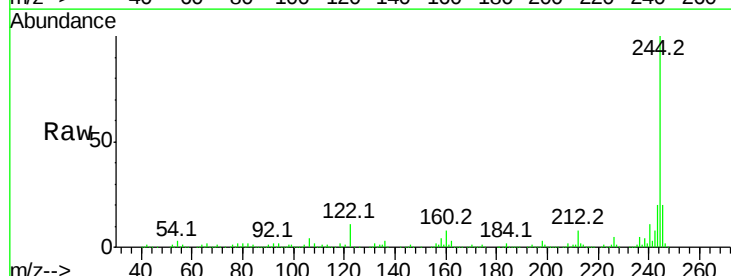
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

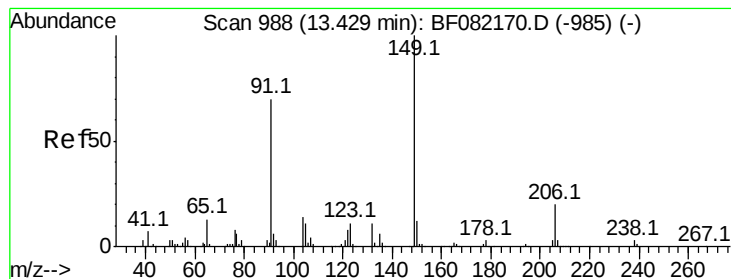
Tot Ion:202 Resp: 551609
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.9 26.9
 203 17.9 14.5 21.7



#78
 Terphenyl-d14
 Concen: 70.92 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion:244 Resp: 596642
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.6
 122 11.4 5.9 8.9#





#79

Butylbenzylphthalate

Concen: 41.84 ng

RT: 13.37 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

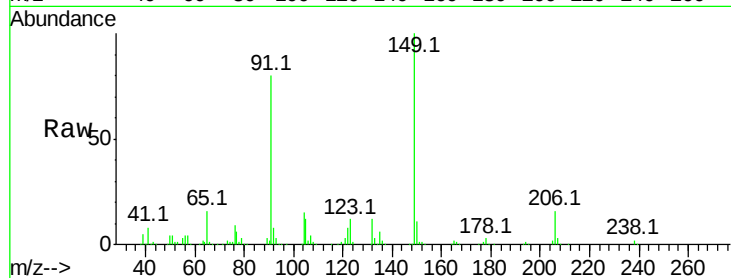
Tot Ion:149 Resp: 252651

Ion Ratio Lower Upper

149 100

91 80.0 55.7 83.5

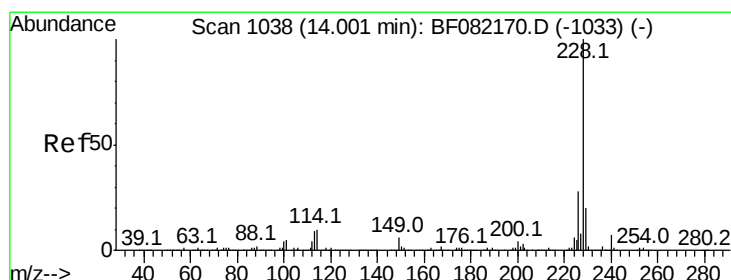
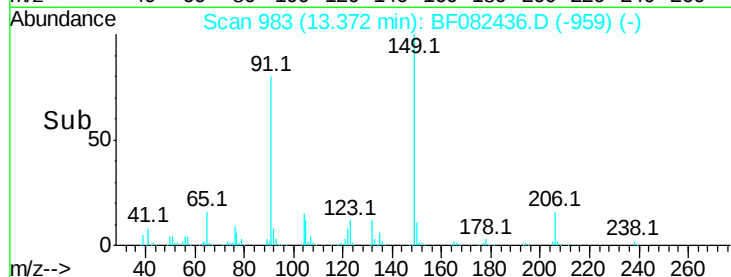
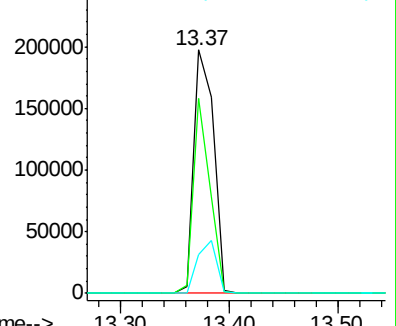
206 16.0 15.6 23.4



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: 43.83 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

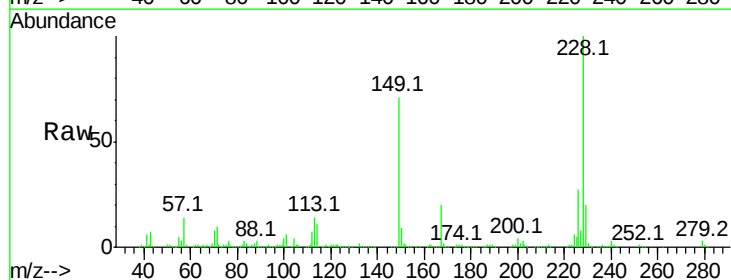
Tgt Ion:228 Resp: 508414

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

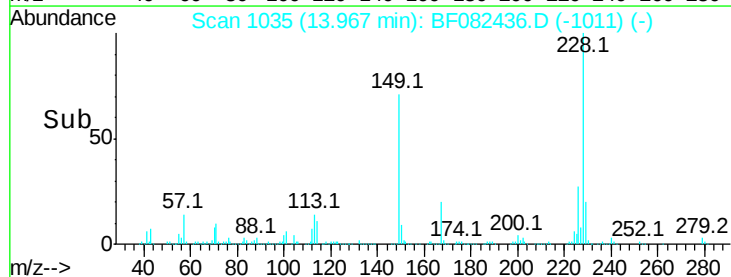
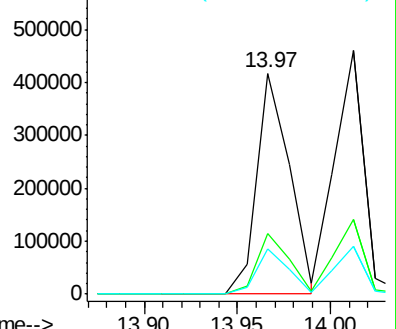
229 20.2 16.2 24.2

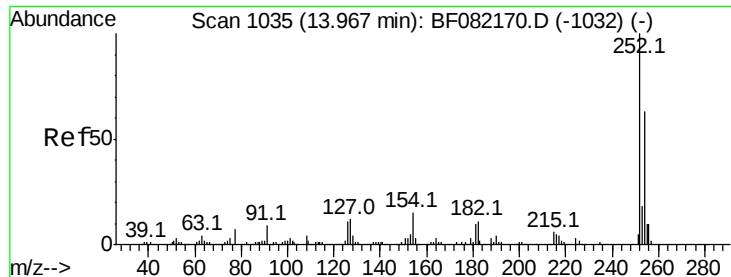


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

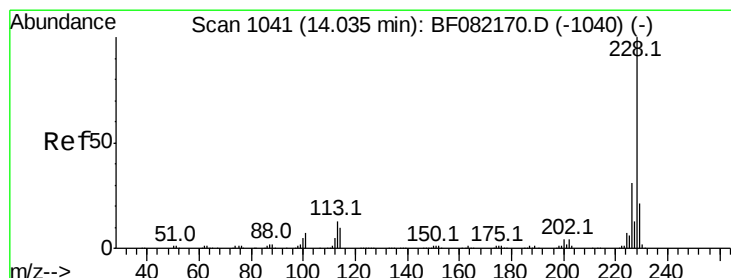
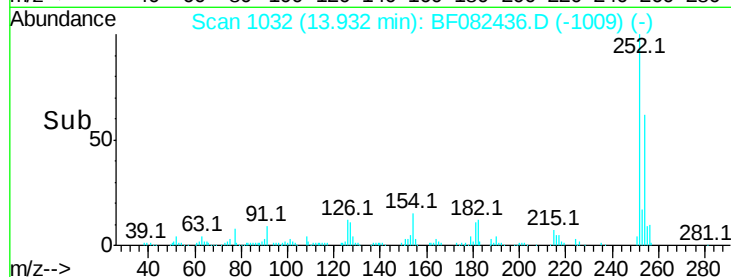
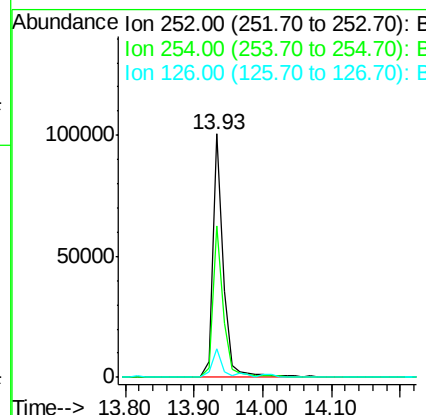
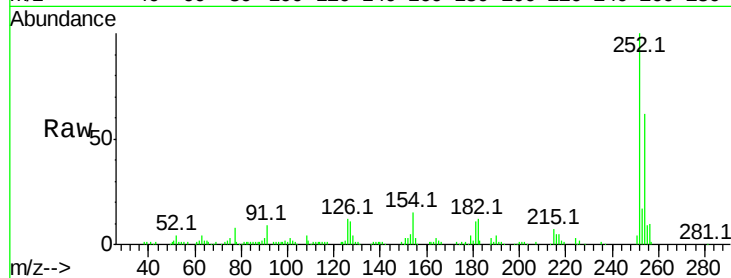




#81
 3,3'-Dichlorobenzidine
 Concen: 24.73 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

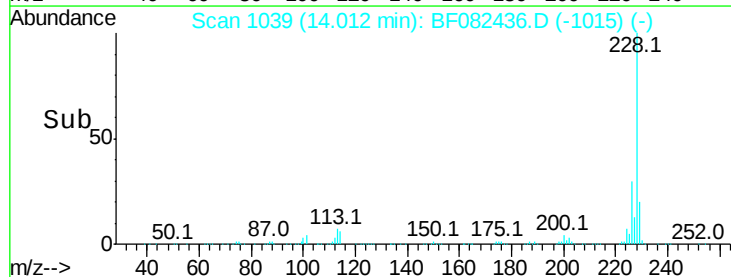
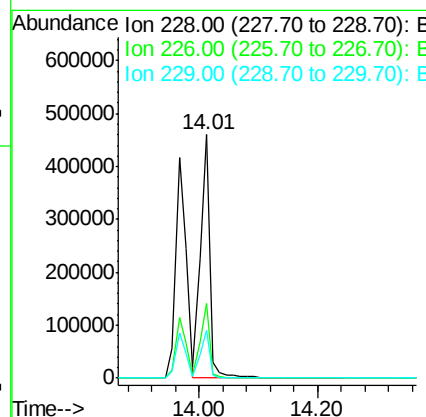
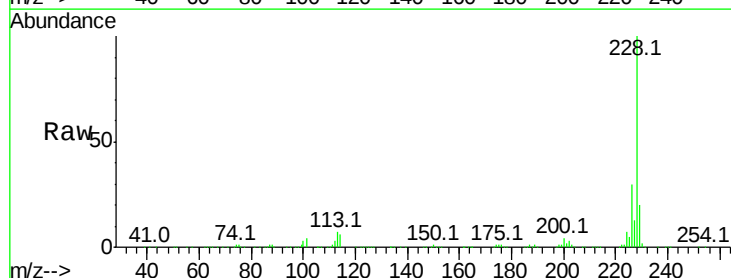
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

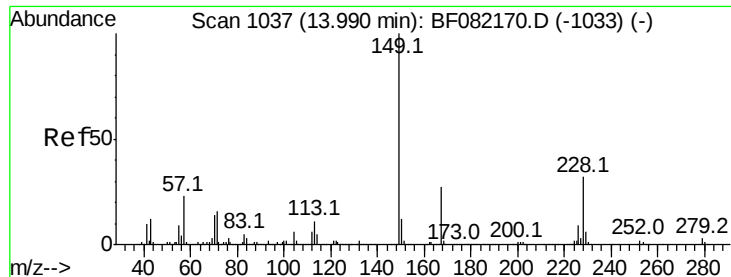
Tot Ion:252 Resp: 108903
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.7 76.1
 126 12.0 9.0 13.6



#82
 Chrysene
 Concen: 42.26 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion:228 Resp: 516521
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.6 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.52 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

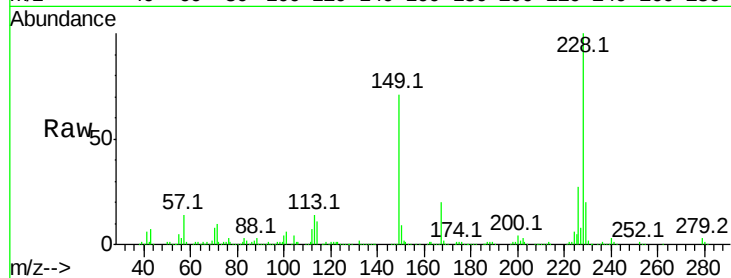
Tot Ion:149 Resp: 374900

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

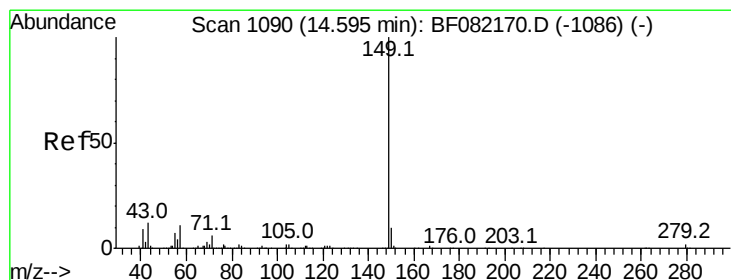
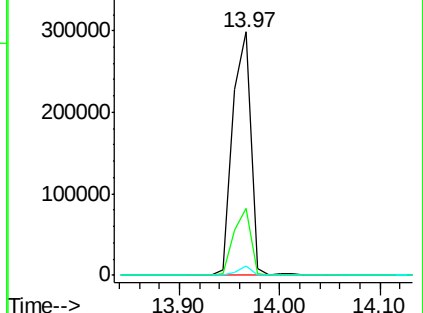
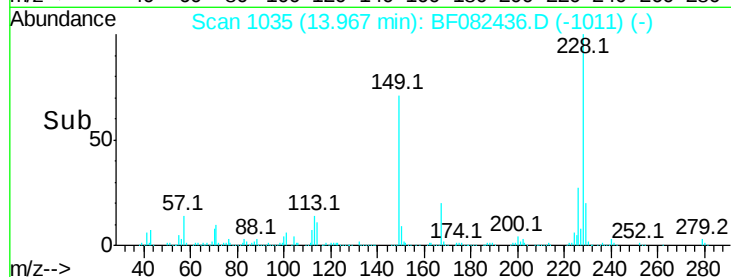
279 3.9 2.6 4.0



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: 43.73 ng

RT: 14.63 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

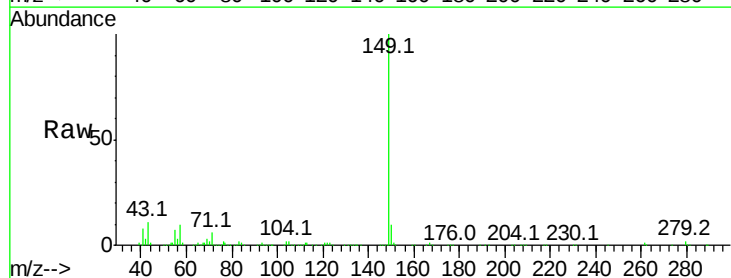
Tgt Ion:149 Resp: 646906

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

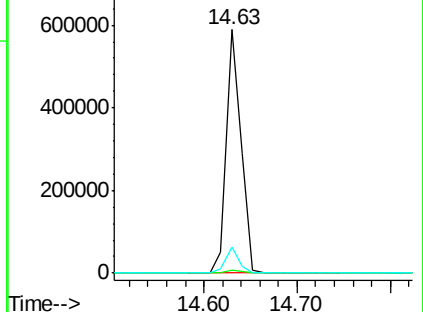
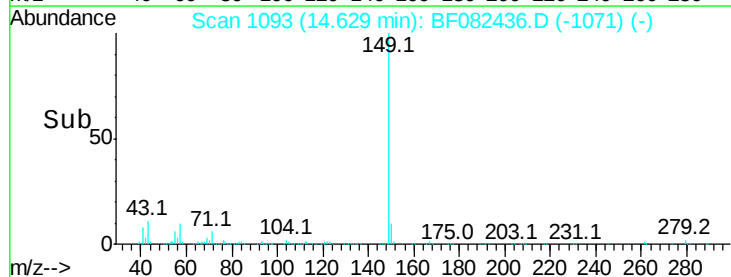
43 9.5 7.4 11.2

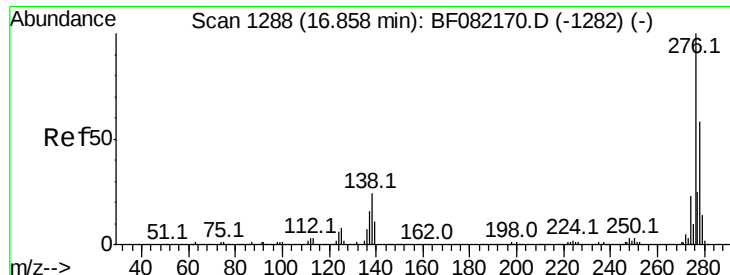


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

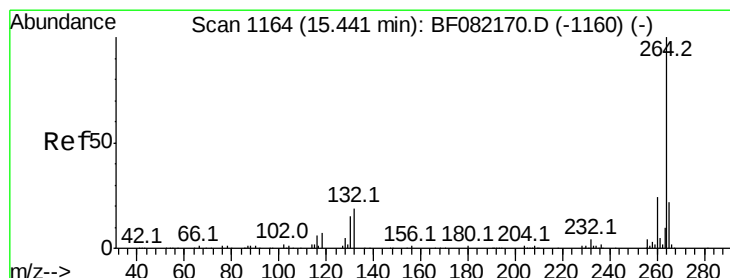
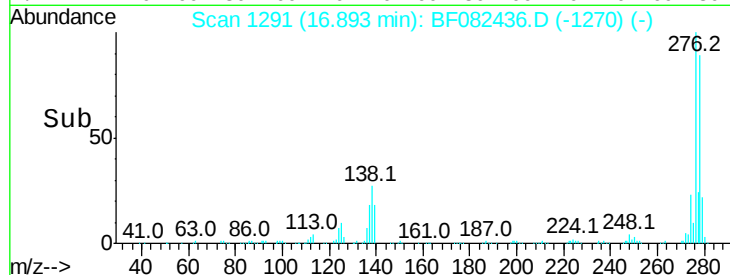
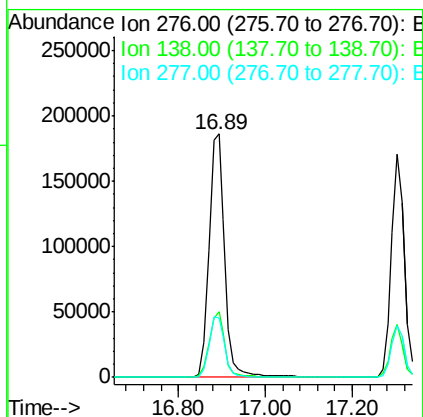
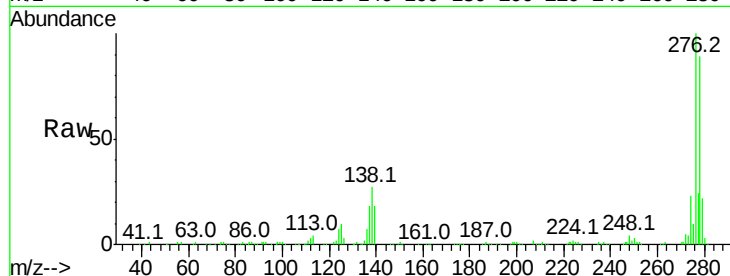




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.14 ng
 RT: 16.89 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

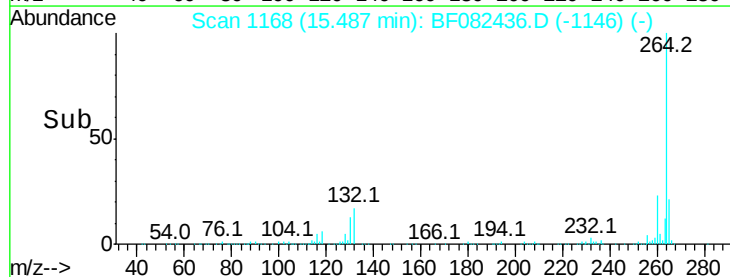
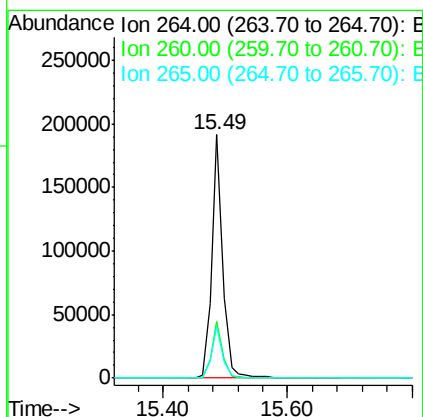
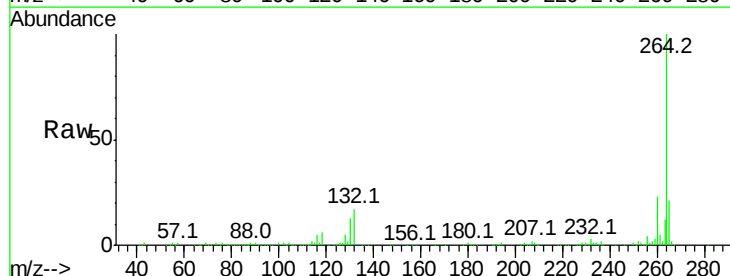
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

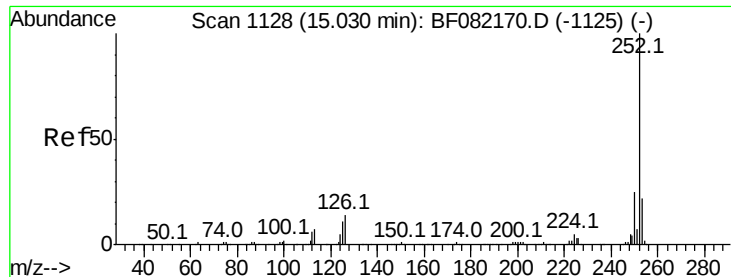
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.7	29.5
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.12 ng m

RT: 15.08 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

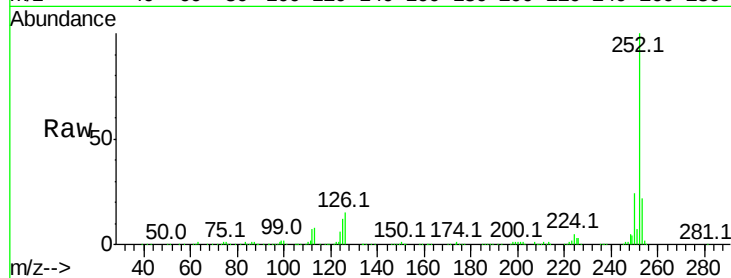
Tot Ion:252 Resp: 645933

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

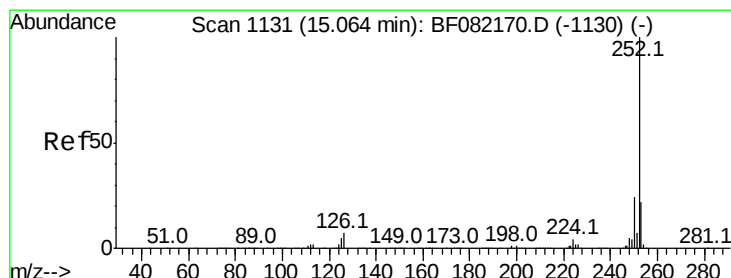
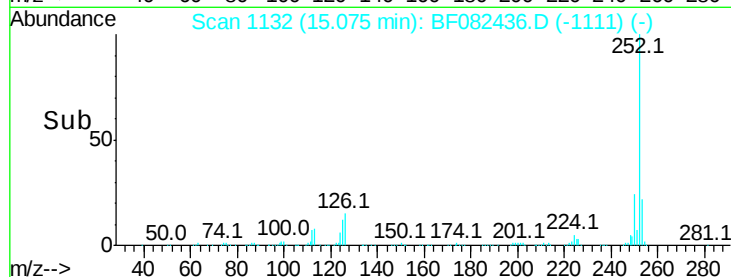
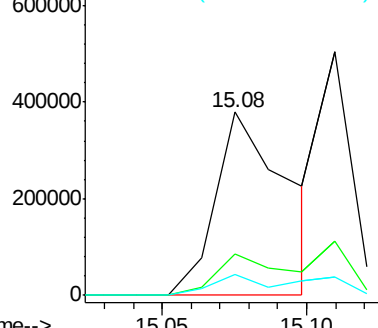
125 11.7 8.6 12.8



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: 34.44 ng m

RT: 15.11 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

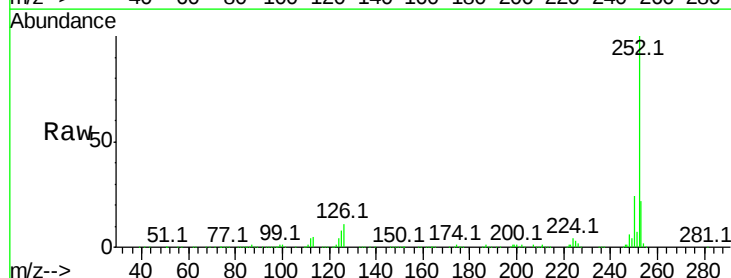
Tgt Ion:252 Resp: 405437

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

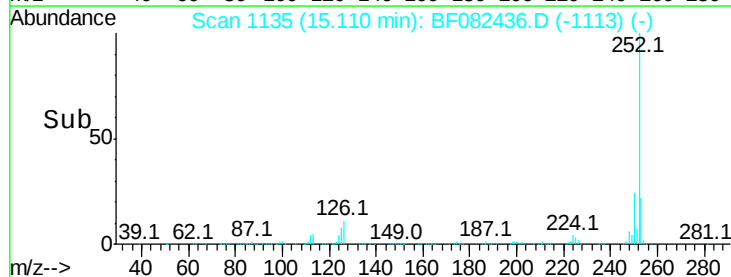
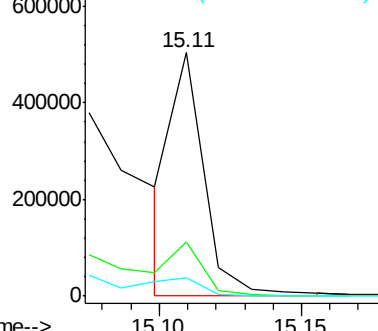
125 7.7 6.7 10.1

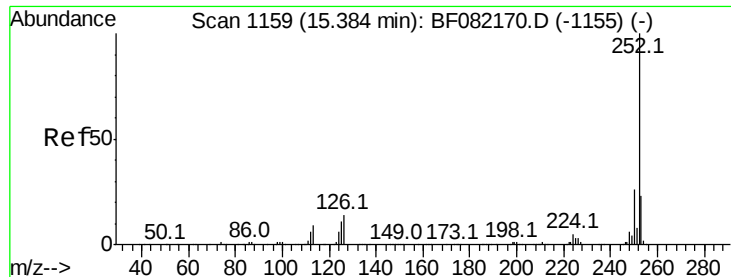


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

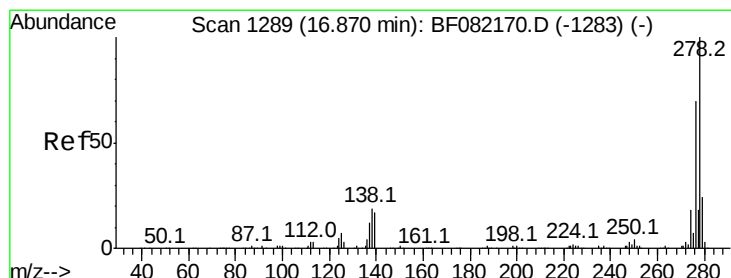
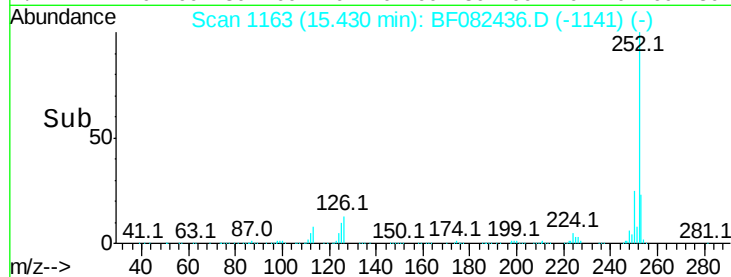
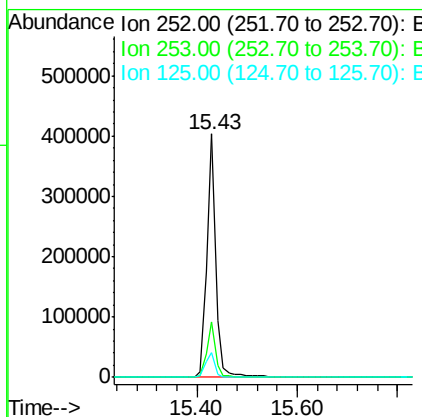
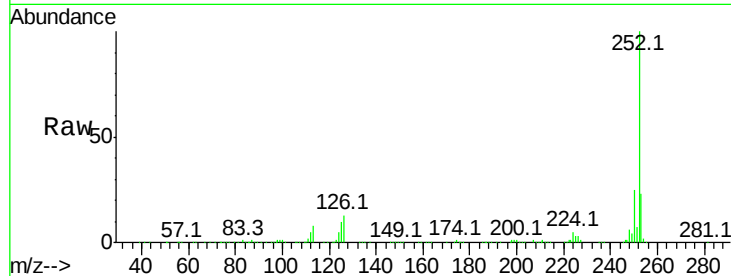




#89
Benzo(a)pyrene
Concen: 41.41 ng
RT: 15.43 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

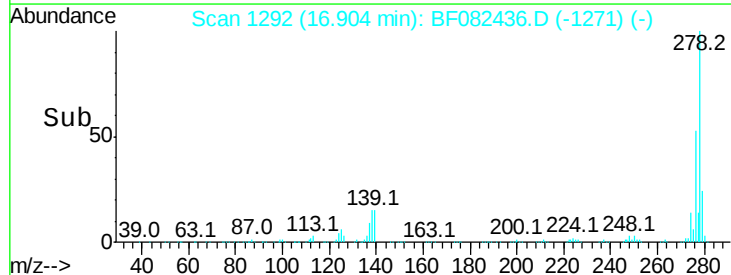
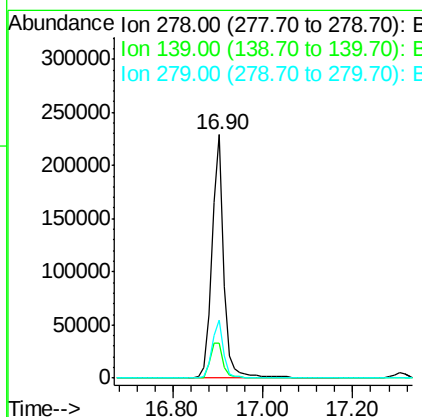
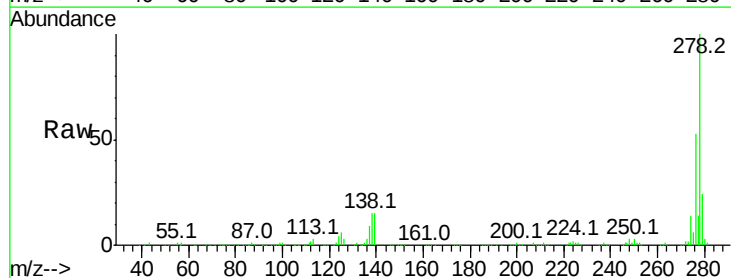
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

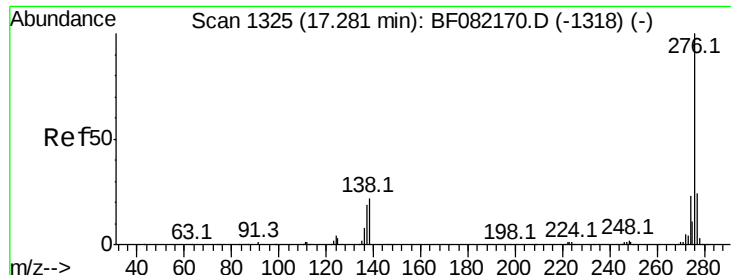
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.0	8.9	13.3



#90
Dibenzo(a,h)anthracene
Concen: 42.43 ng
RT: 16.90 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.3	19.9
279	23.8	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 38.19 ng
 RT: 17.30 min Scan# 1327
 Delta R.T. -0.06 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

Tot Ion:	276	Resp:	365900
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	23.4	17.4	26.2

