

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 13:21:08 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

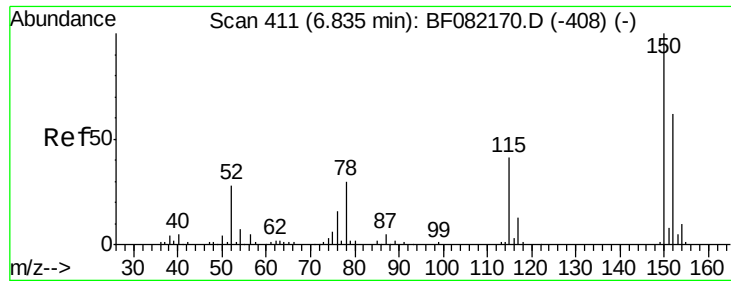
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	151780	42.64	nq	98
45) 1,1'-Biphenyl	9.25	154	598610	47.19	nq	96
46) 2-Chloronaphthalene	9.27	162	461414	46.21	nq	97
47) 2-Nitroaniline	9.37	65	133420	48.67	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	15.11	252	1070147	76.41	nq	# 97
88) Benzo(k)fluoranthene	15.11	252	1070147	90.91	nq	99
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

Acq: 22 Oct 2015 7:30

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BNA_F

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AB-AC-03(0-2)MS

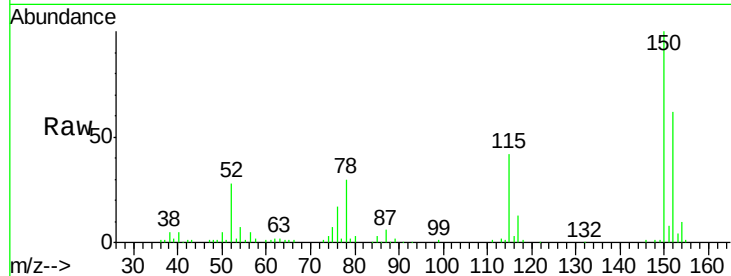
Tot Ion:152 Resp: 96381

Ion Ratio Lower Upper

152 100

150 160.4 129.0 193.4

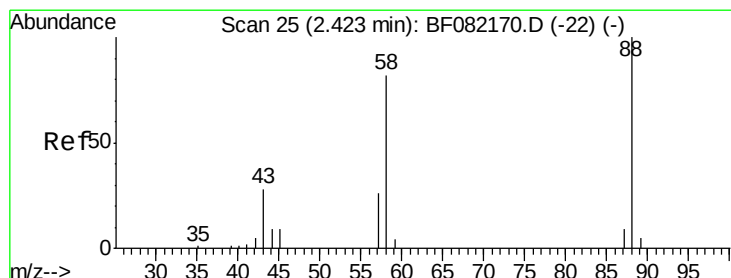
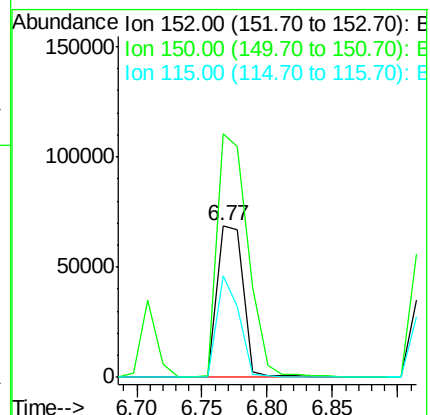
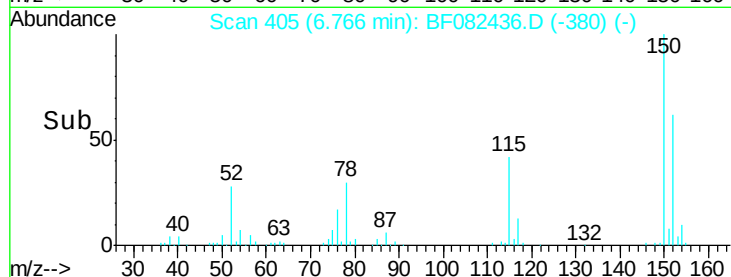
115 67.0 52.1 78.1



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

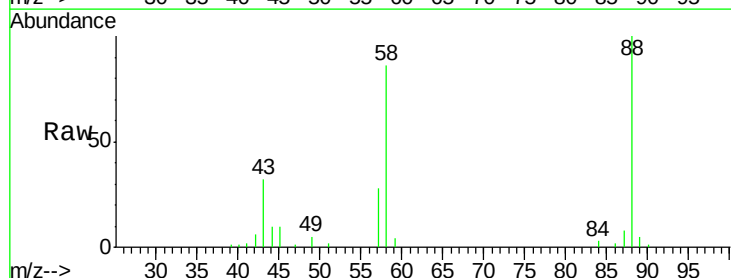
Tgt Ion: 88 Resp: 87970

Ion Ratio Lower Upper

88 100

58 81.4 66.2 99.4

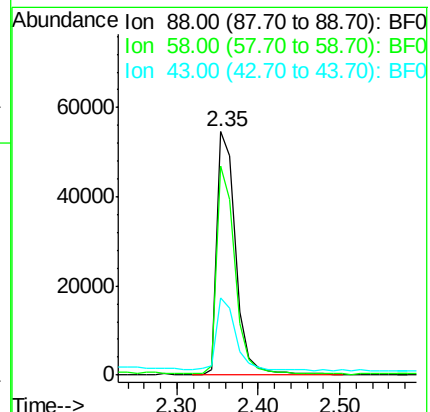
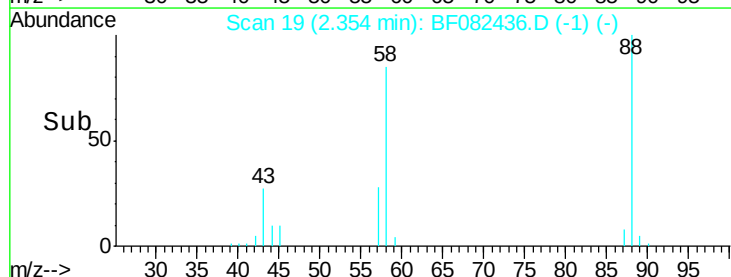
43 29.0 23.0 34.4

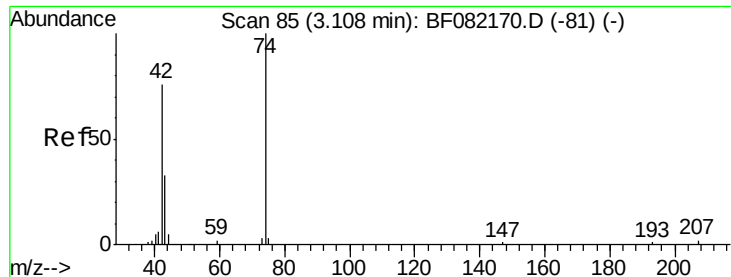


Abundance Ion 88.00 (87.70 to 88.70): BF0

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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ClientSampleId :

AB-AC-03(0-2)MS

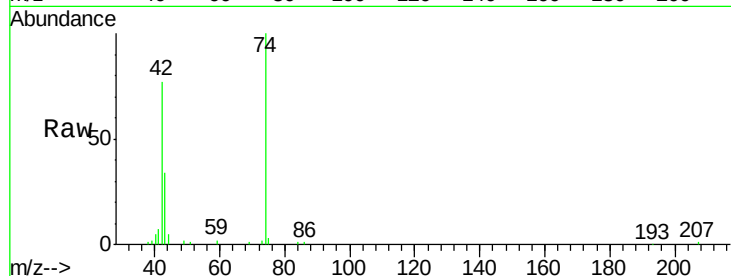
Tot Ion: 42 Resp: 104847

Ion Ratio Lower Upper

42 100

74 130.4 105.7 158.5

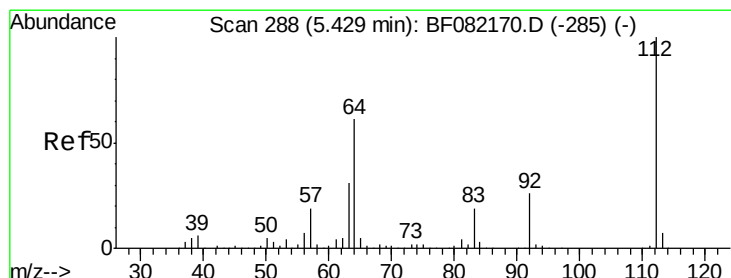
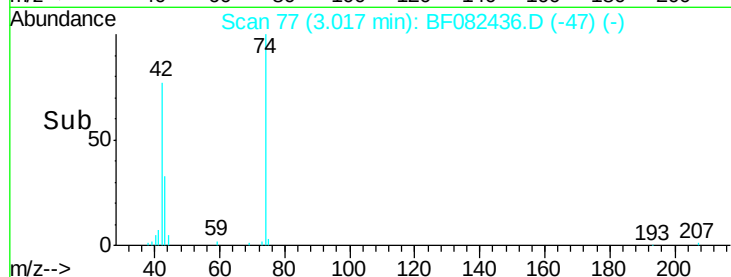
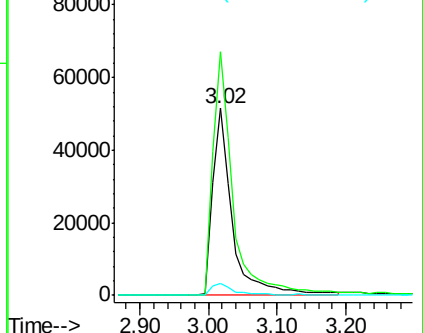
44 6.7 5.4 8.2



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

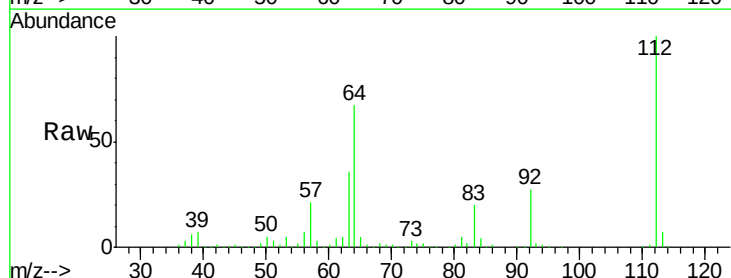
Tgt Ion: 112 Resp: 591960

Ion Ratio Lower Upper

112 100

64 67.2 48.6 73.0

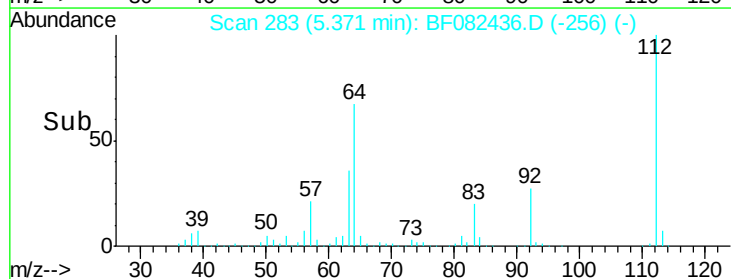
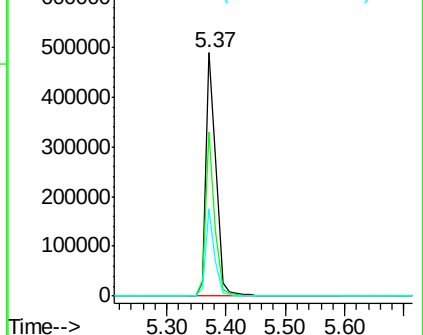
63 35.8 25.1 37.7

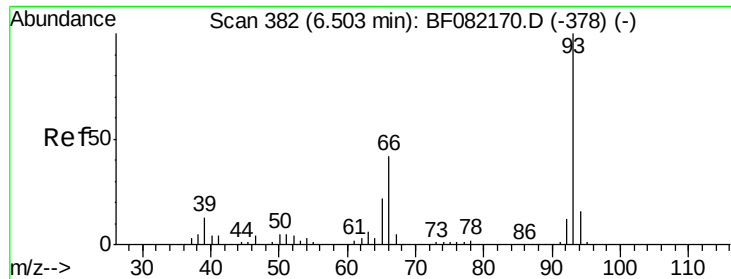


Abundance Ion 112.00 (111.70 to 112.70): E

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

Acq: 22 Oct 2015 7:30

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AB-AC-03(0-2)MS

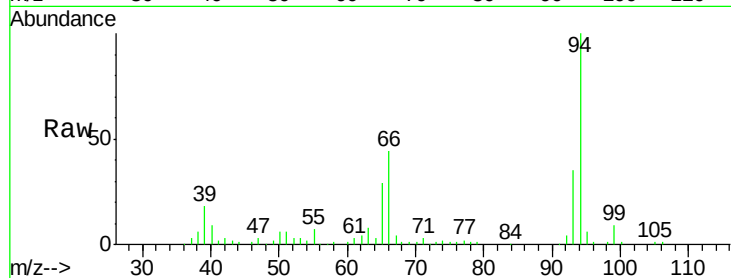
Tot Ion: 93 Resp: 91397

Ion Ratio Lower Upper

93 100

66 123.6 34.2 51.2#

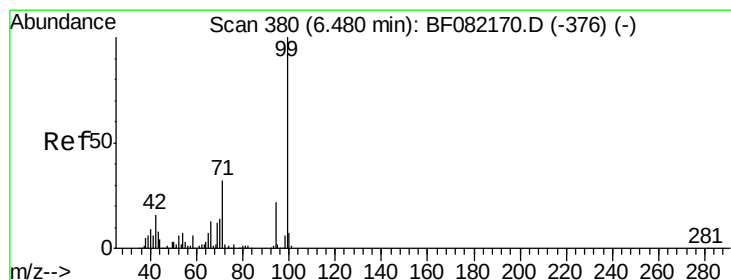
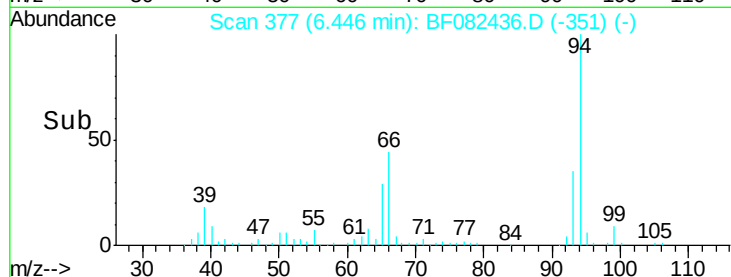
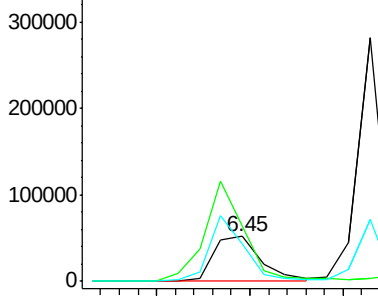
65 83.3 17.9 26.9#



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

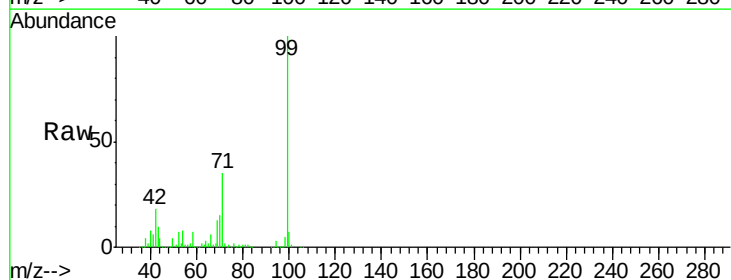
Tgt Ion: 99 Resp: 776886

Ion Ratio Lower Upper

99 100

42 18.3 13.2 19.8

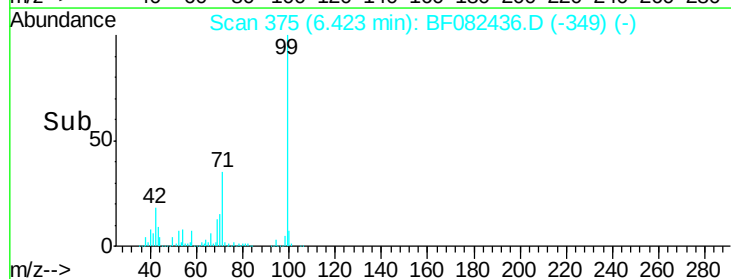
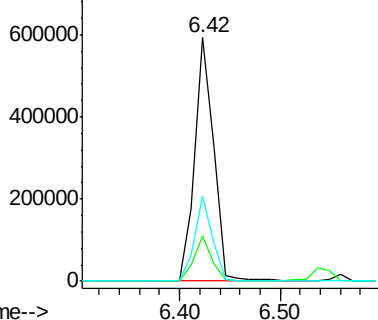
71 34.9 25.6 38.4

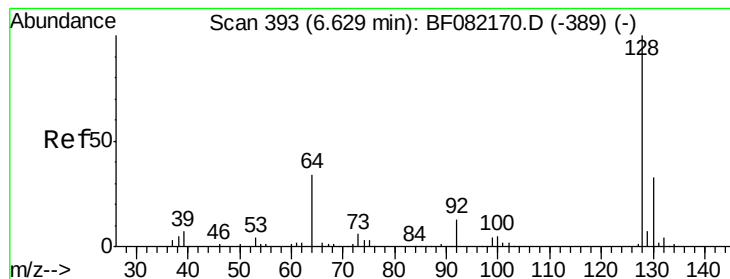


Abundance Ion 99.00 (98.70 to 99.70): BF0

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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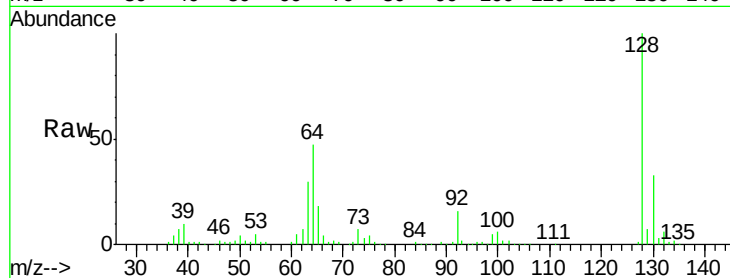
Tot Ion:128 Resp: 270014

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

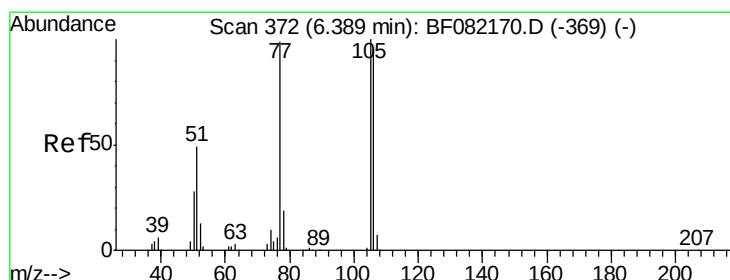
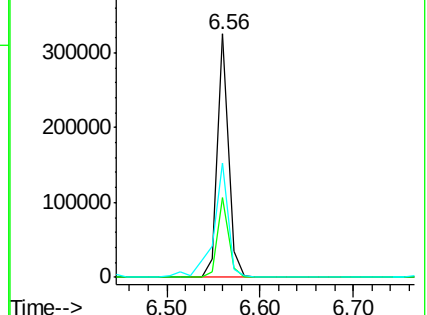
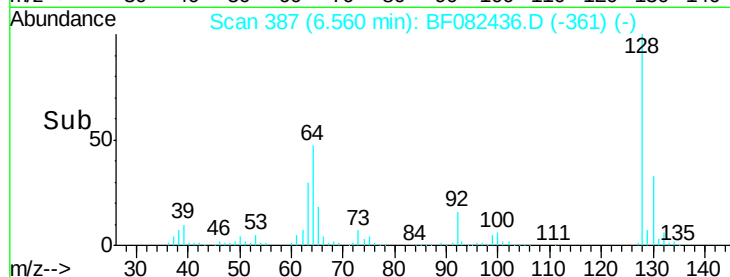
64 46.8 16.7 56.7



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

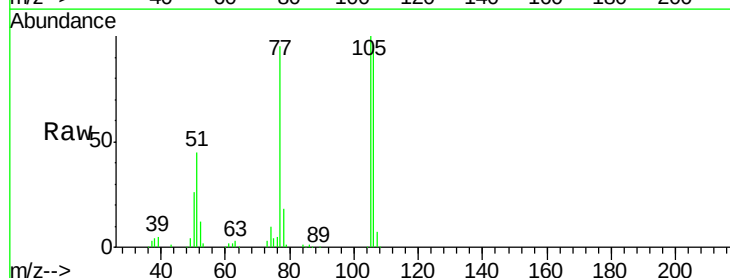
Tgt Ion: 77 Resp: 123514

Ion Ratio Lower Upper

77 100

105 105.0 80.6 120.6

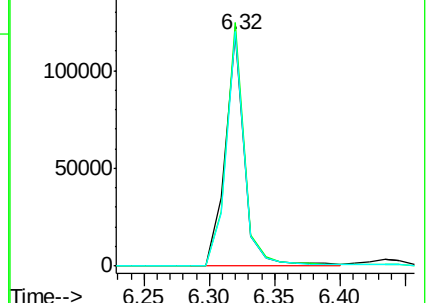
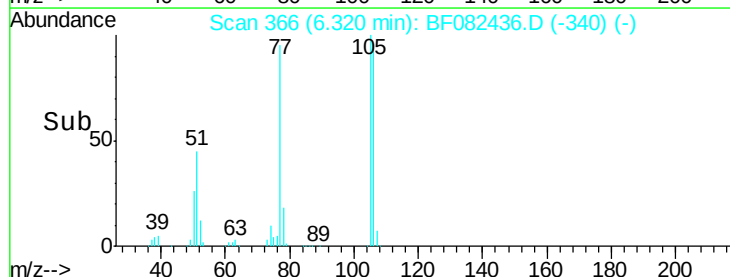
106 101.2 75.5 115.5

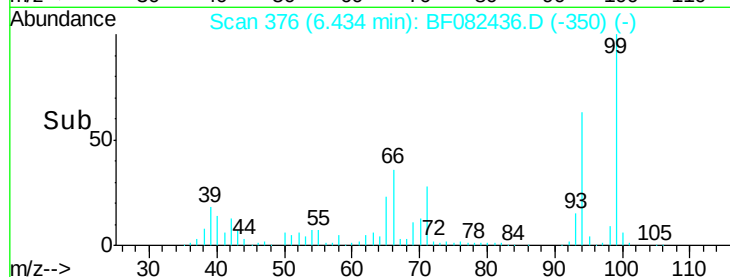
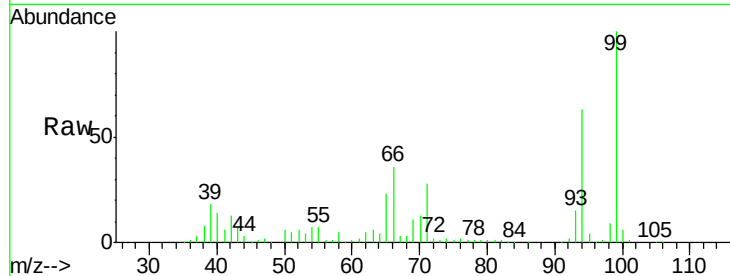
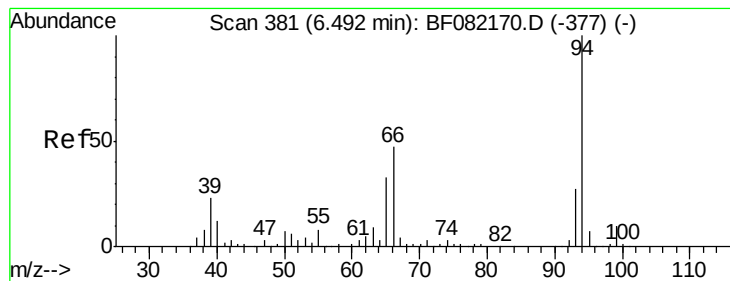


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

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Instrument :

BNA_F

ClientSampleId :

AB-AC-03(0-2)MS

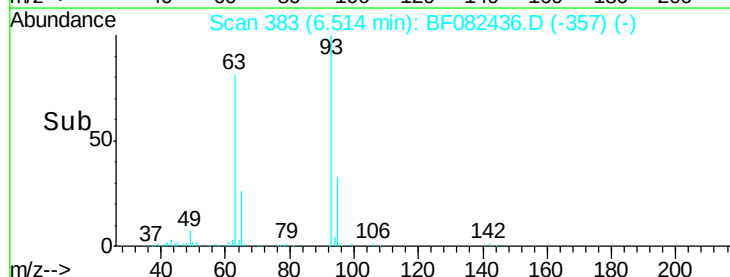
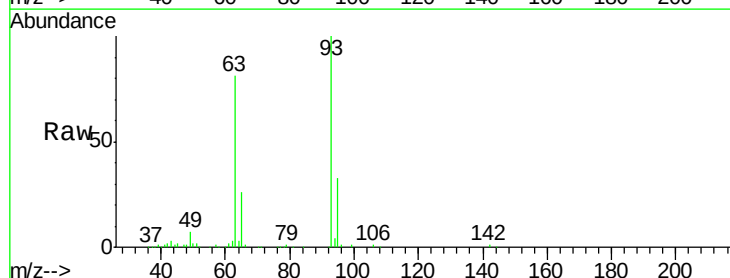
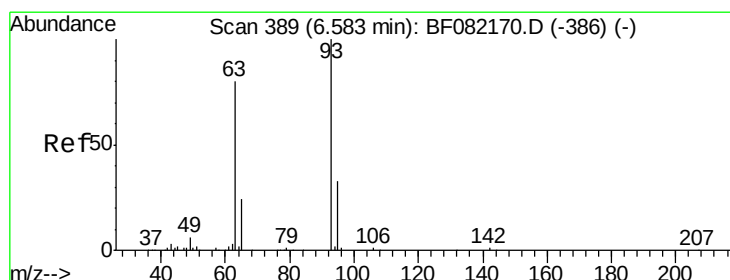
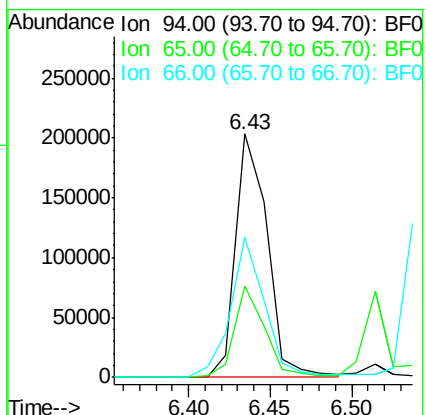
Tot Ion: 94 Resp: 271907

Ion Ratio Lower Upper

94 100

65 37.5 12.6 52.6

66 57.2 27.3 67.3



#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

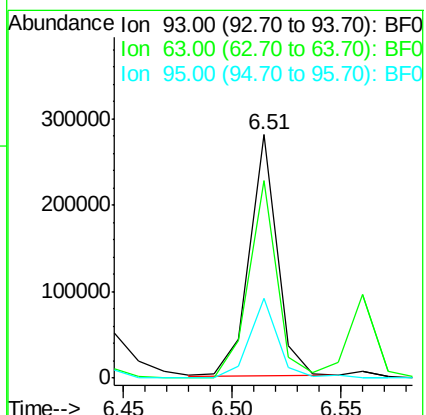
Tgt Ion: 93 Resp: 246833

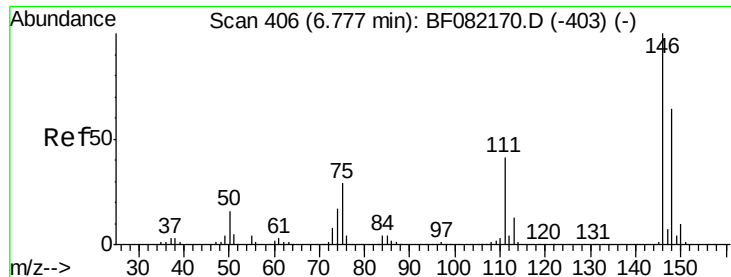
Ion Ratio Lower Upper

93 100

63 80.9 57.1 97.1

95 32.8 11.9 51.9

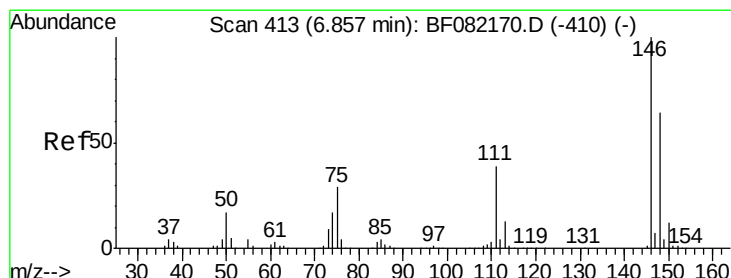
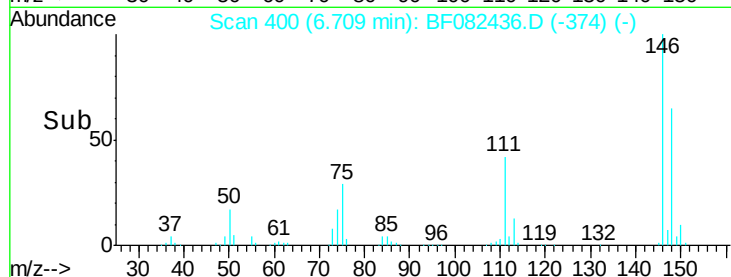
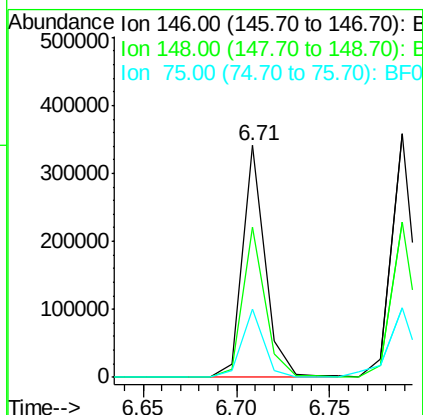
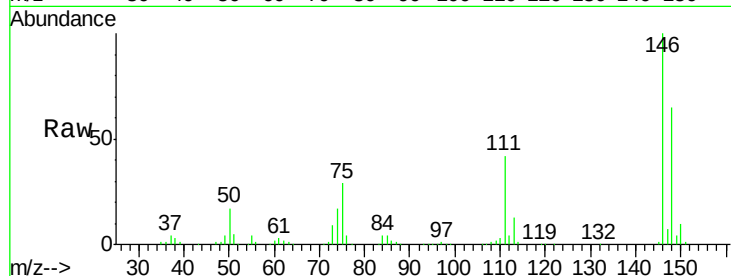




#12
 1,3-Dichlorobenzene
 Concen: 42.78 ng
 RT: 6.71 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

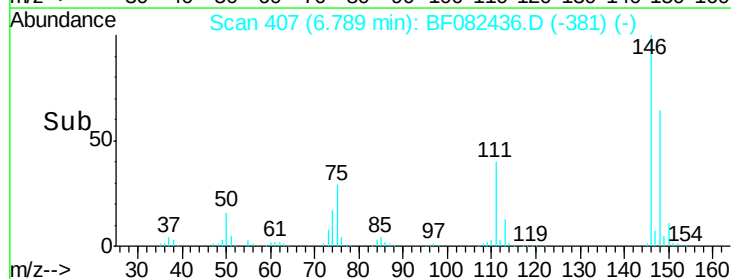
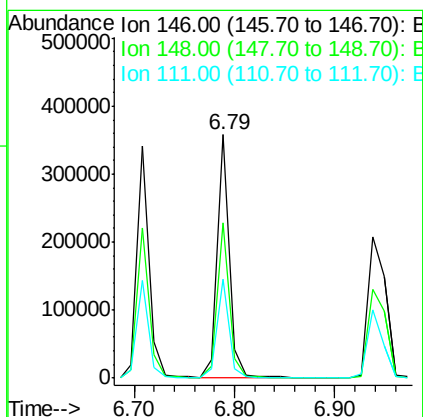
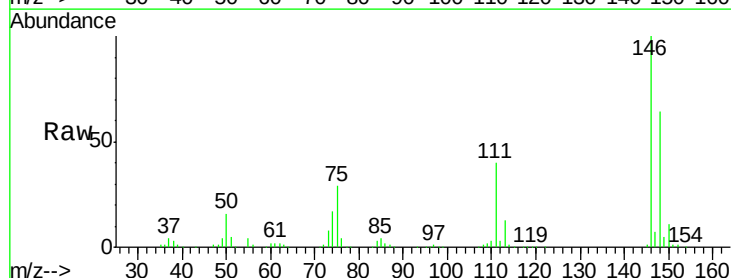
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

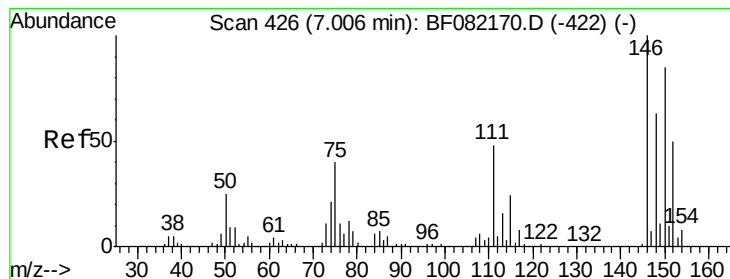
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	29.5	23.0	34.6



#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	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

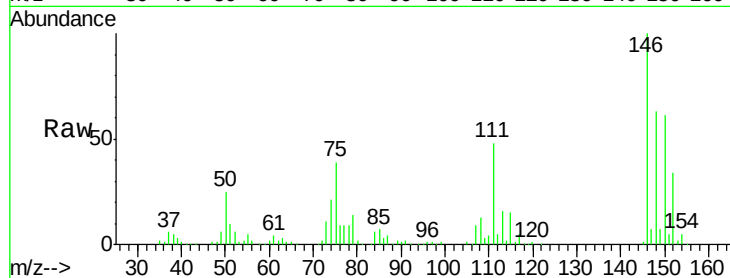
Tot Ion:146 Resp: 256241

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

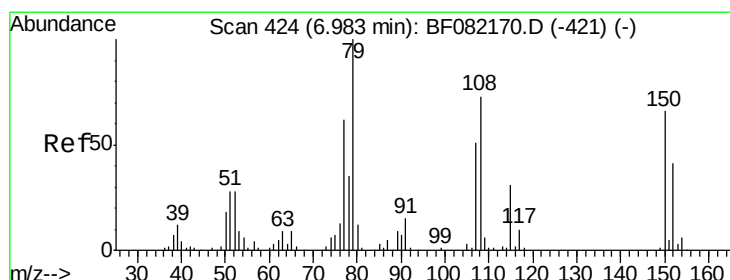
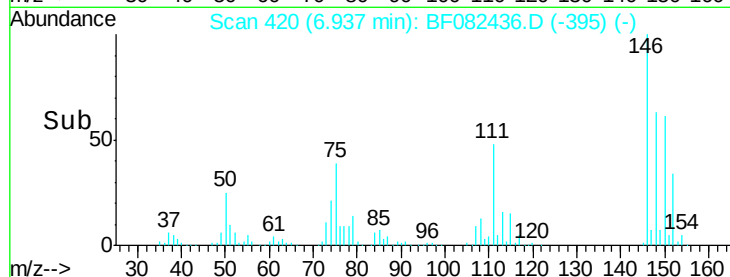
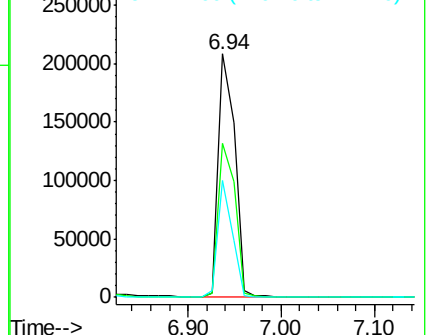
111 48.1 38.5 57.7



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

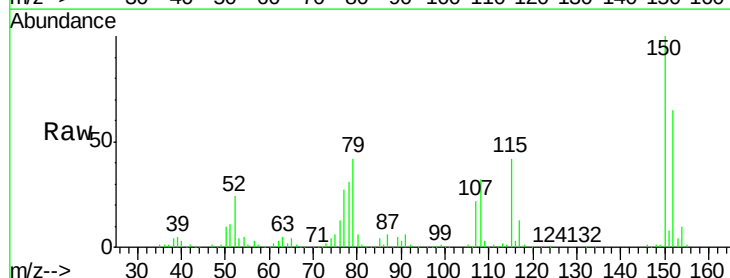
Tgt Ion: 79 Resp: 202859

Ion Ratio Lower Upper

79 100

108 75.6 58.4 87.6

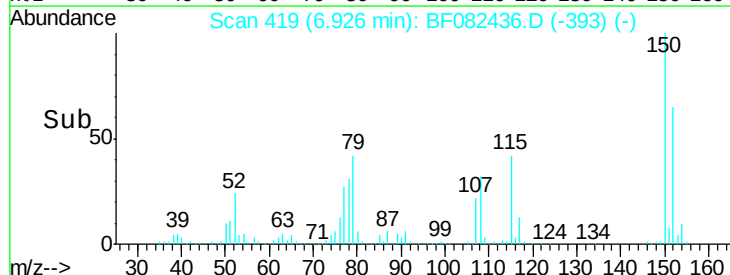
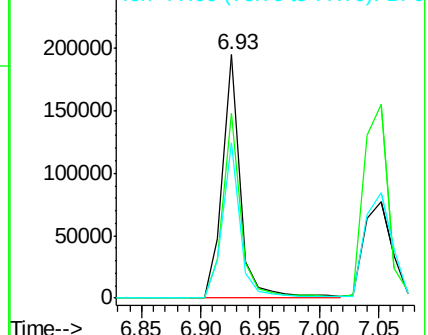
77 63.6 49.8 74.6

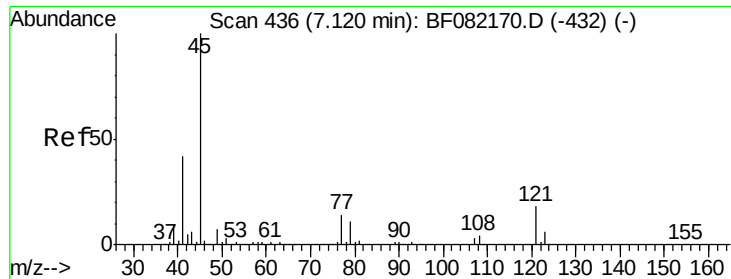


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

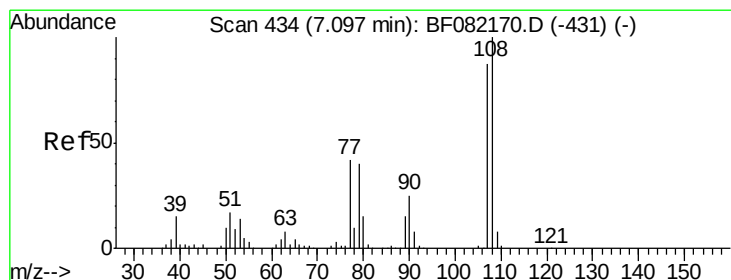
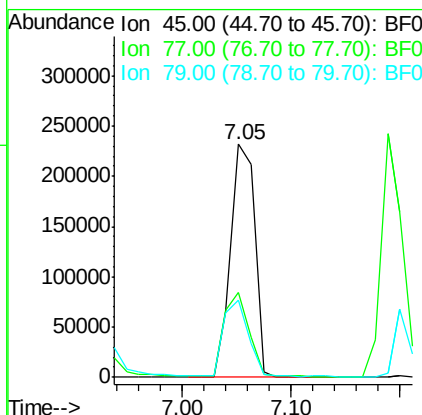
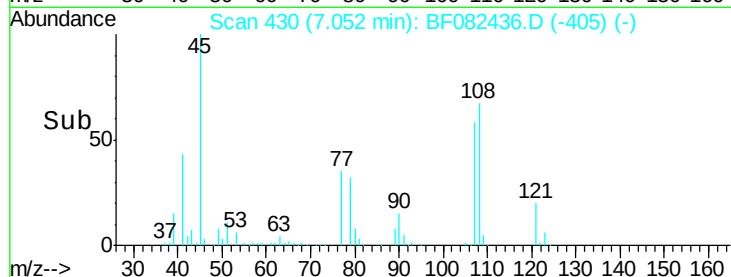
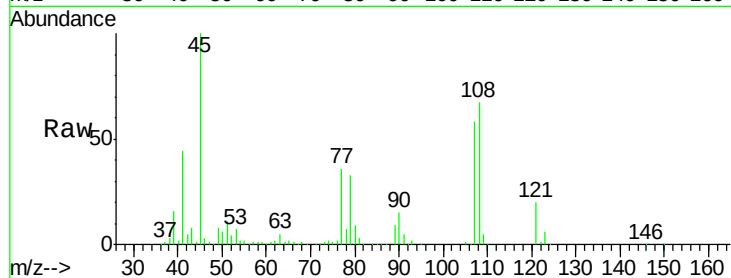




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.99 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

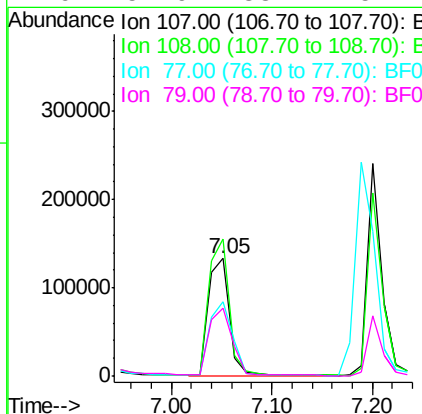
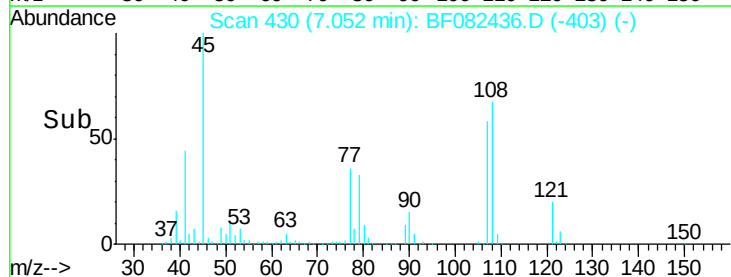
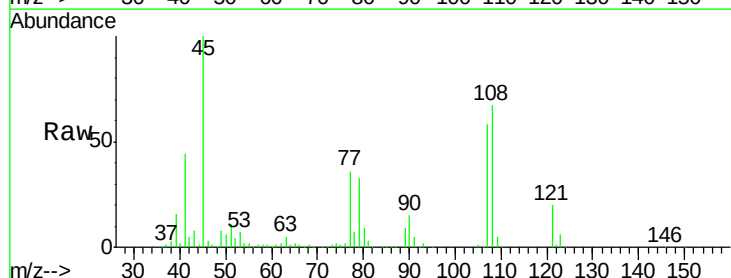
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

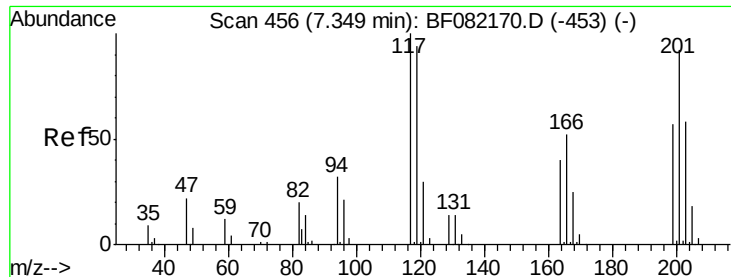
Tot Ion: 45 Resp: 354265
Ion Ratio Lower Upper
45 100
77 36.3 0.0 34.5#
79 33.3 0.0 31.6#



#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#

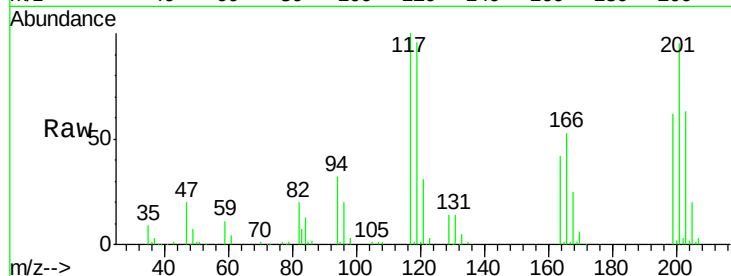




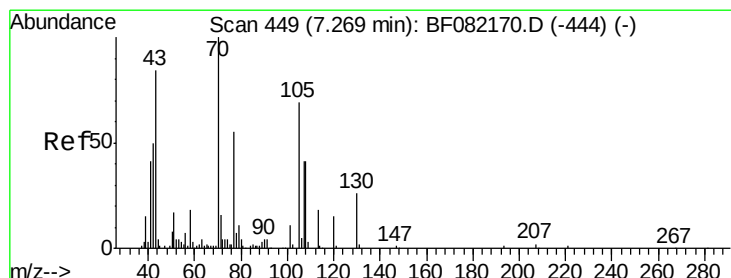
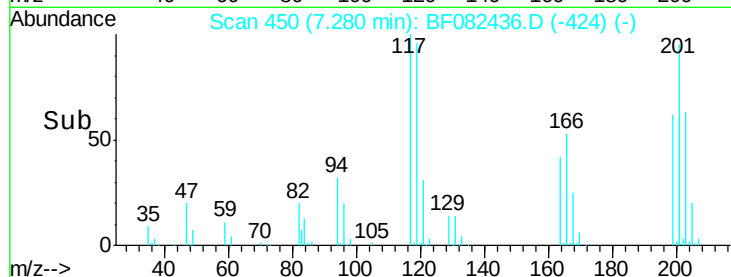
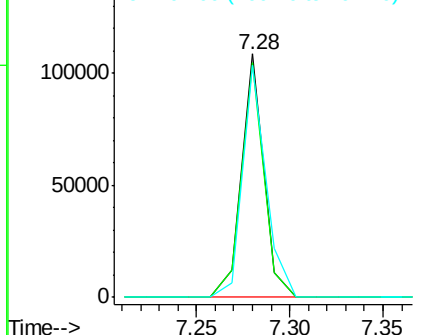
#18
Hexachloroethane
Concen: 37.39 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

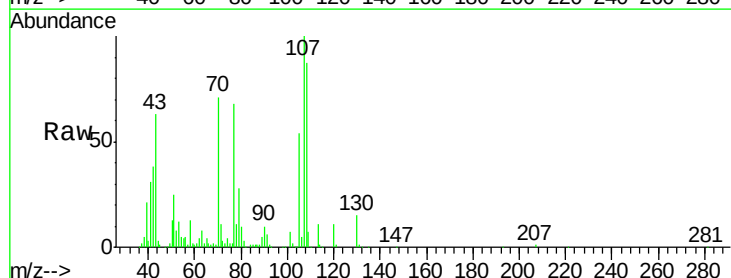


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

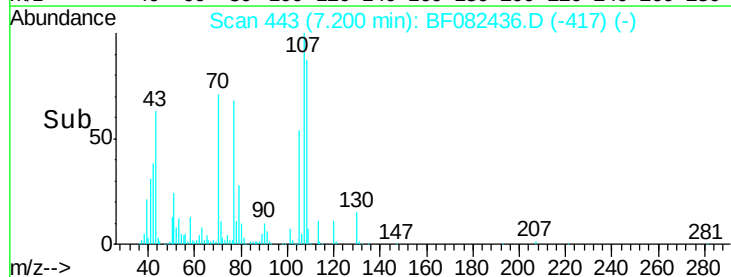
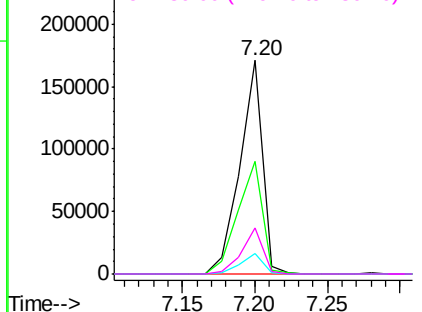


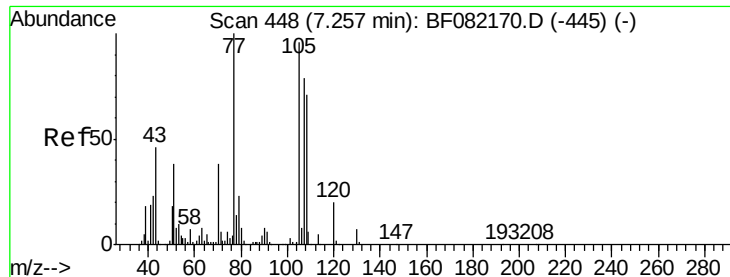
#19
n-Nitroso-di-n-propylamine
Concen: 42.42 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

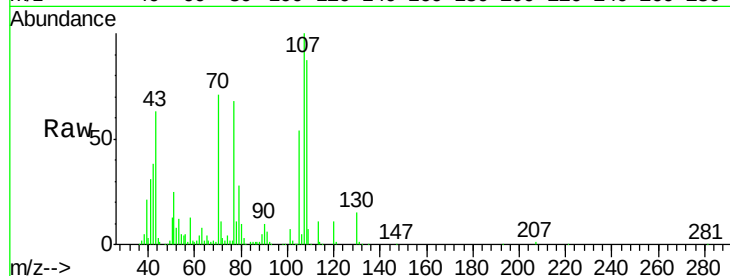




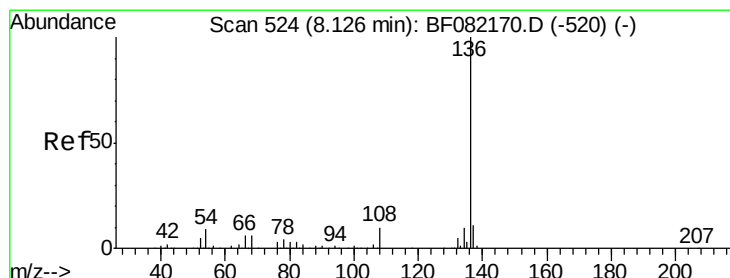
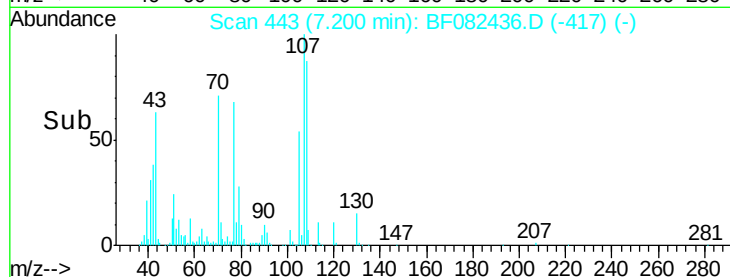
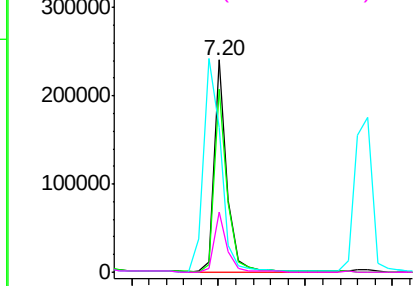
#20
3+4-Methylphenols
Concen: 44.63 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

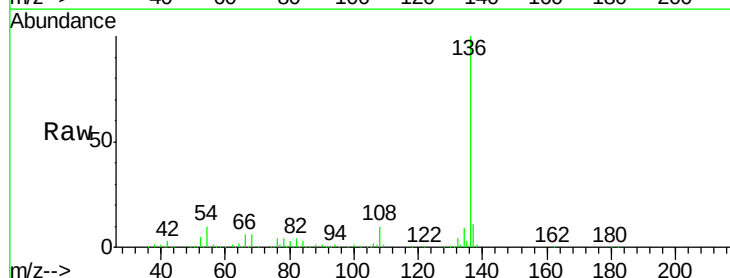


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

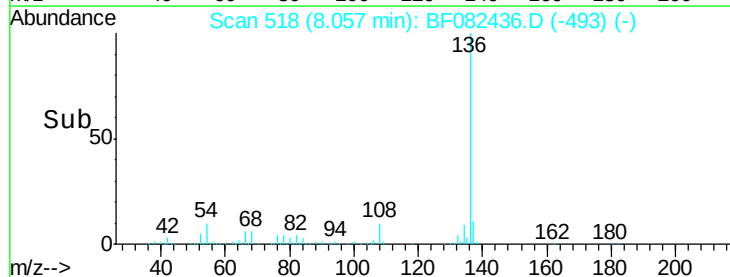
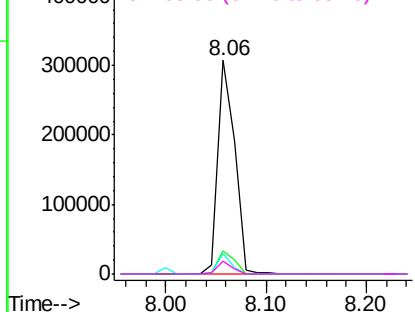


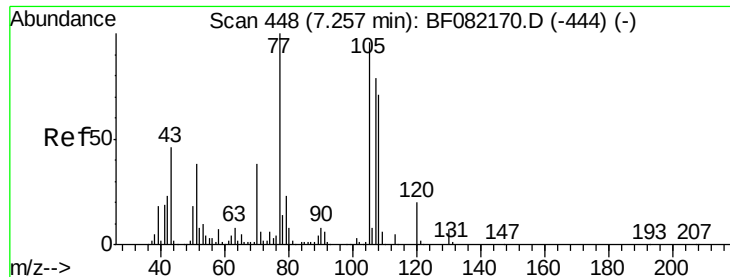
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

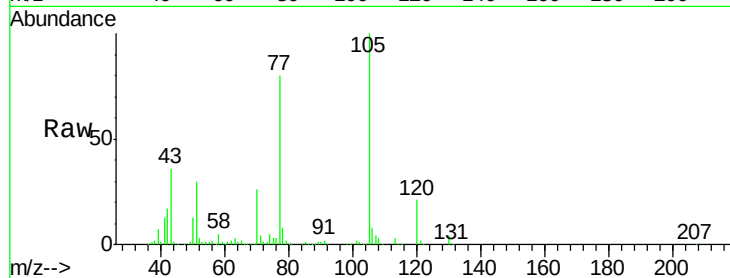
Ion Ratio Lower Upper

105 100

71 4.4 5.4 8.0#

51 30.0 31.8 47.6#

120 20.5 16.3 24.5

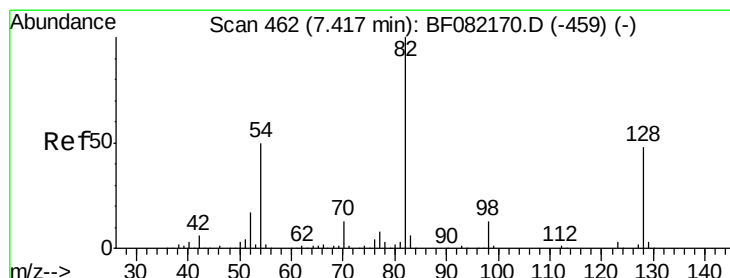
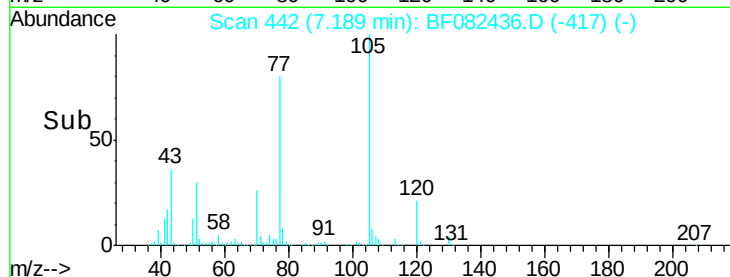
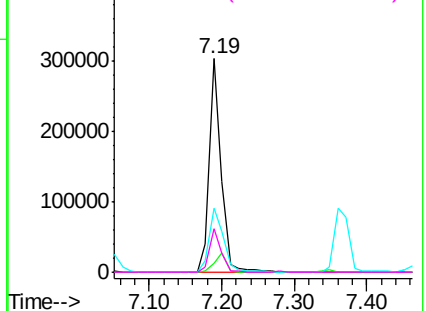


Abundance Ion 105.00 (104.70 to 105.70): E

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

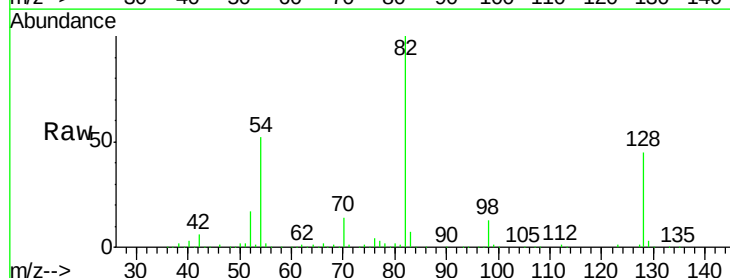
Tgt Ion: 82 Resp: 498776

Ion Ratio Lower Upper

82 100

128 44.8 38.7 58.1

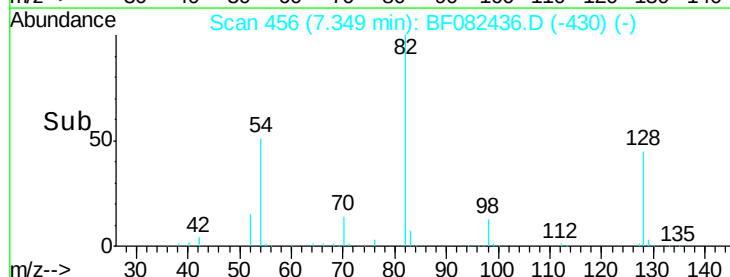
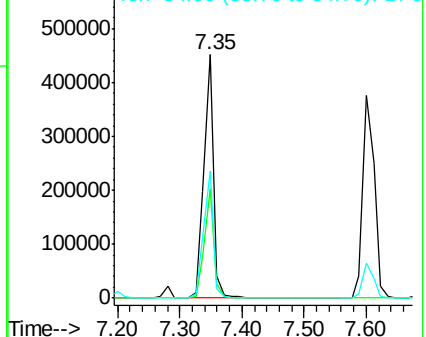
54 52.1 40.1 60.1

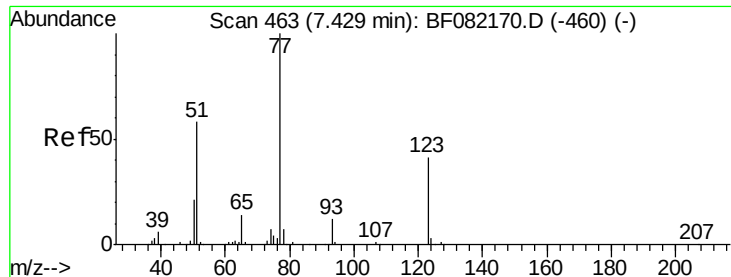


Abundance Ion 82.00 (81.70 to 82.70): BF0

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

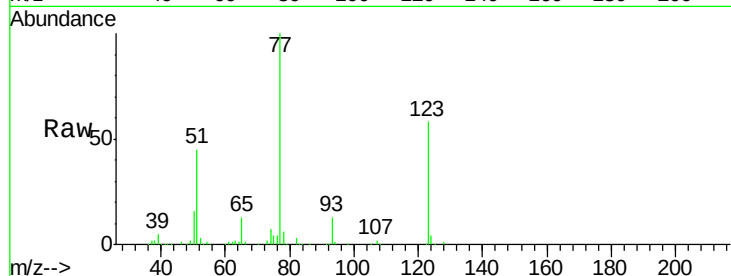
Tot Ion: 77 Resp: 245150

Ion Ratio Lower Upper

77 100

123 58.1 33.0 49.4#

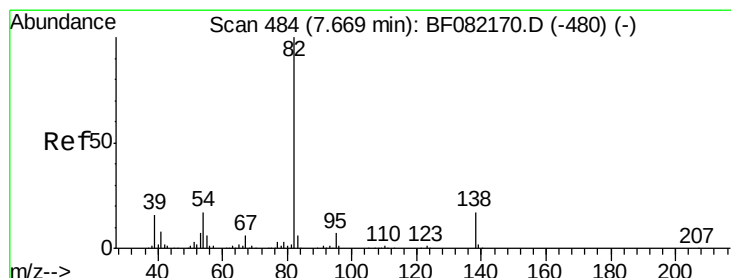
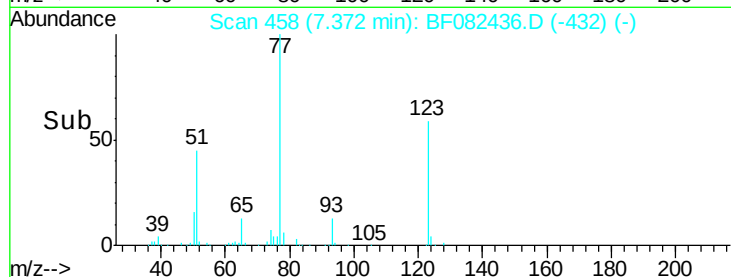
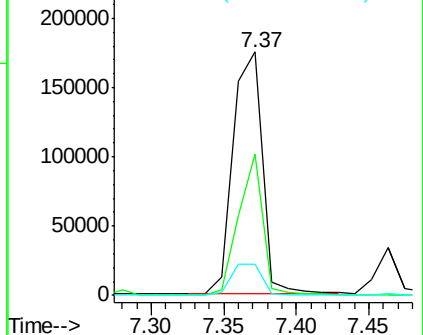
65 12.6 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 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

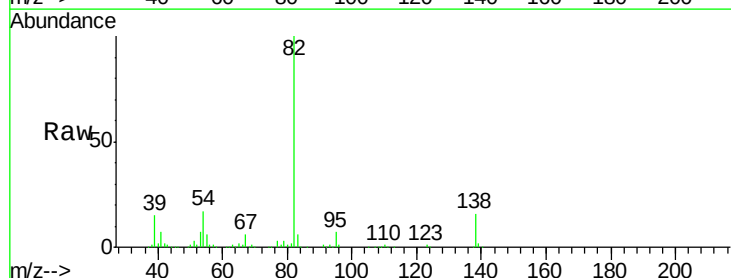
Tgt Ion: 82 Resp: 475985

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

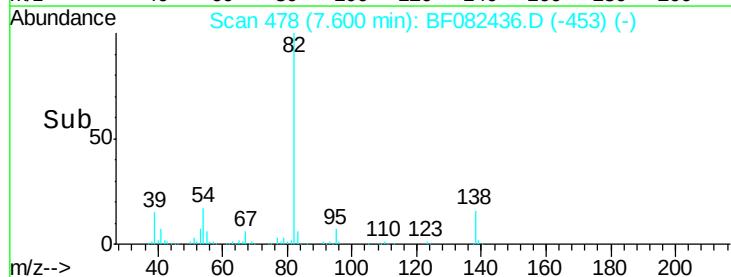
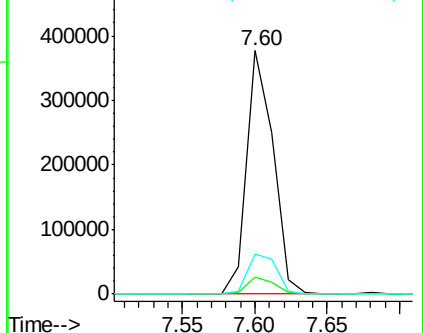
138 16.4 13.6 20.4

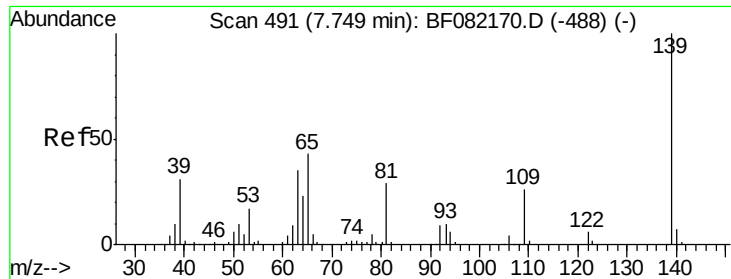


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

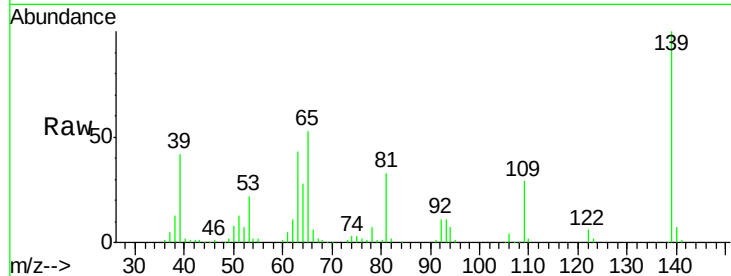




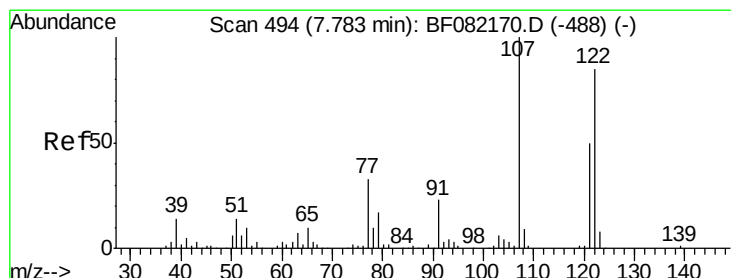
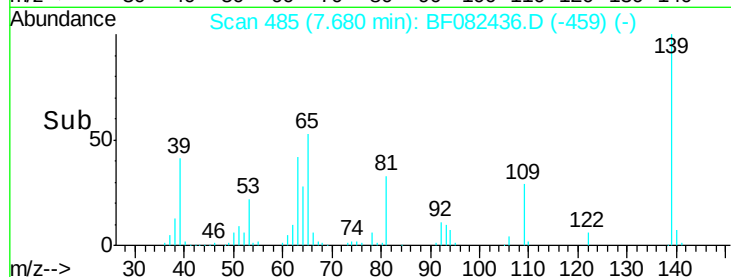
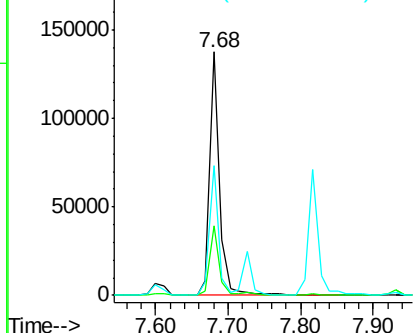
#26
2-Nitrophenol
Concen: 45.43 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

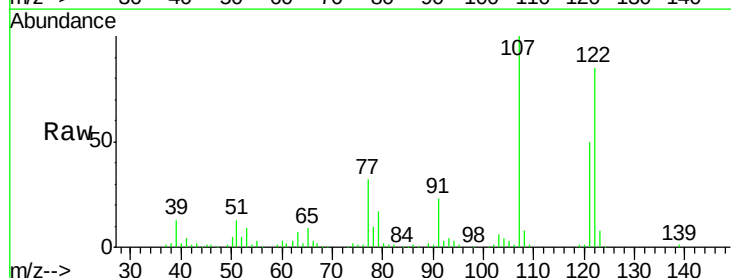


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

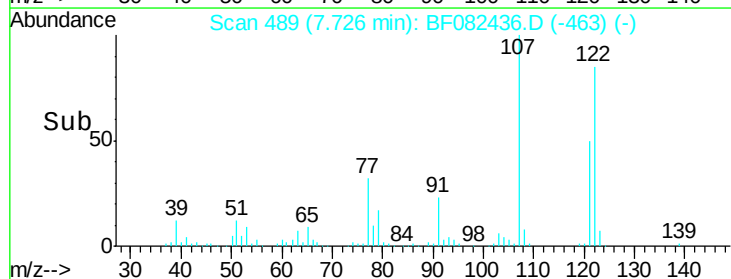
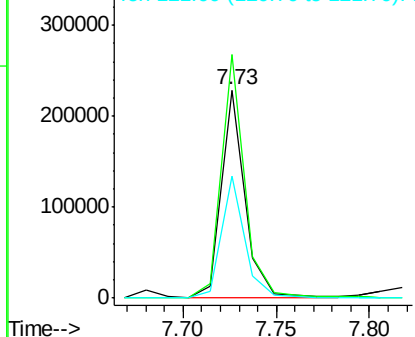


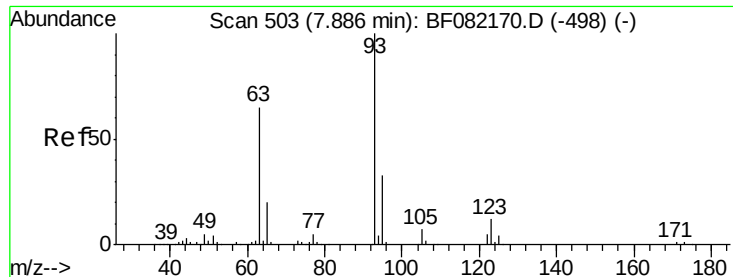
#27
2,4-Dimethylphenol
Concen: 43.64 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

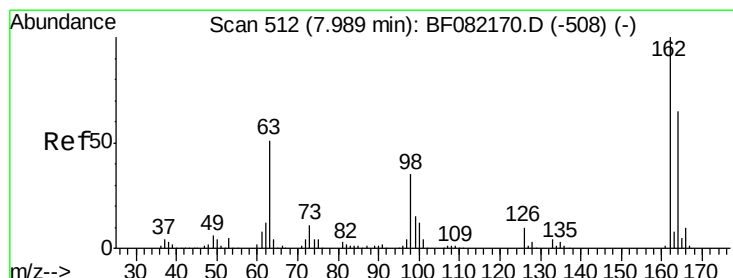
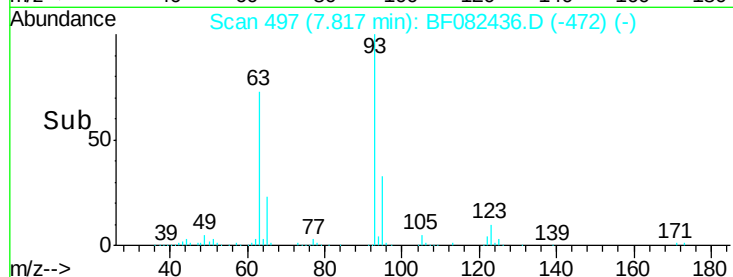
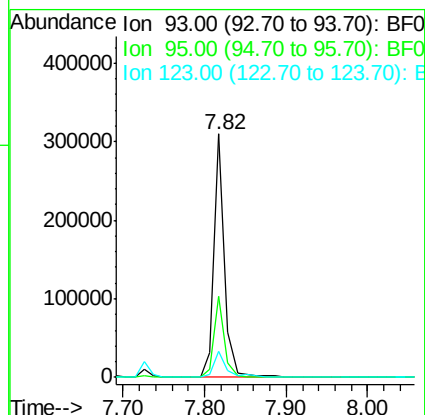
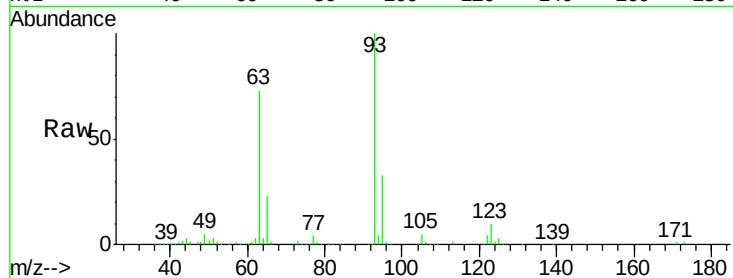




#28
bis(2-Chloroethoxy)methane
Concen: 45.97 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

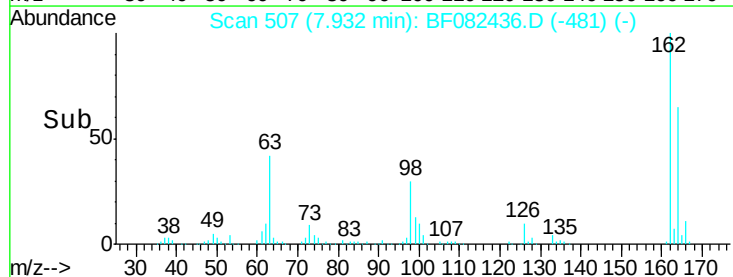
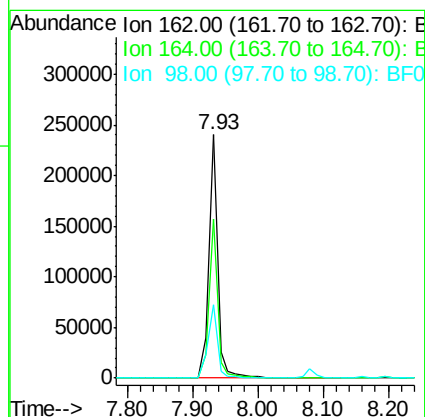
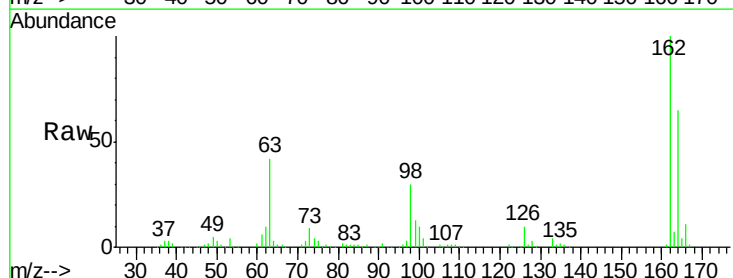
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

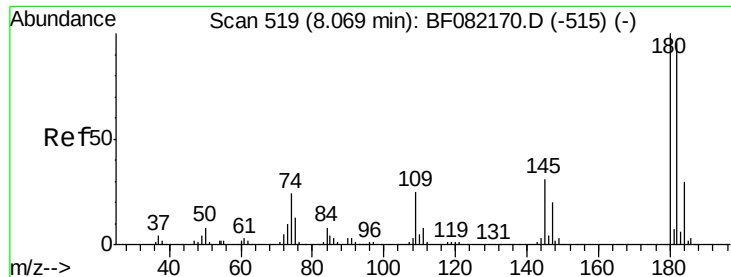
Tot Ion: 93 Resp: 288473
Ion Ratio Lower Upper
93 100
95 33.3 26.6 39.8
123 10.5 9.5 14.3



#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

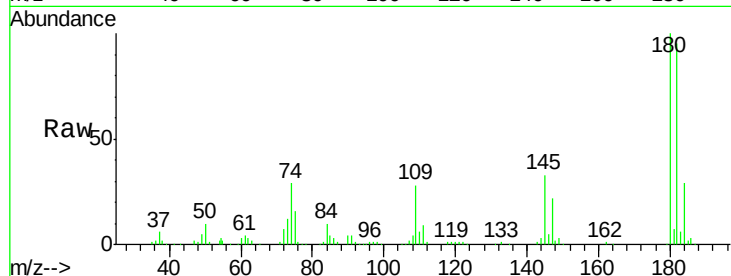




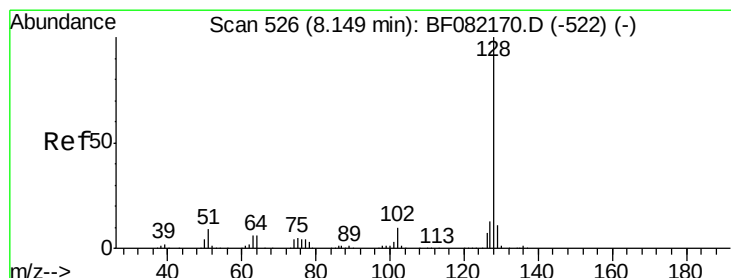
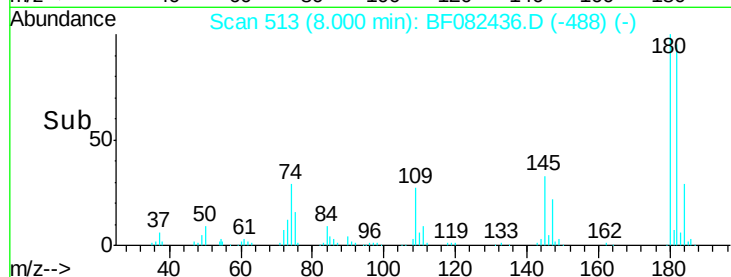
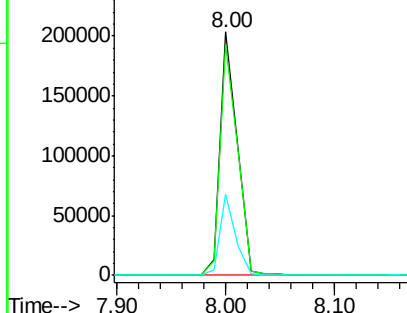
#30
 1,2,4-Trichlorobenzene
 Concen: 41.98 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

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

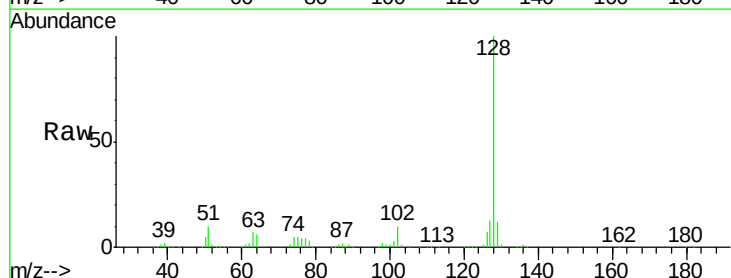


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

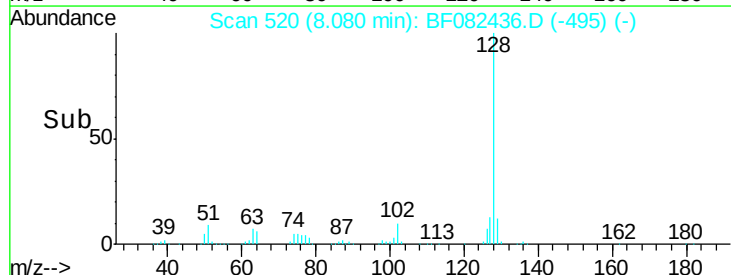
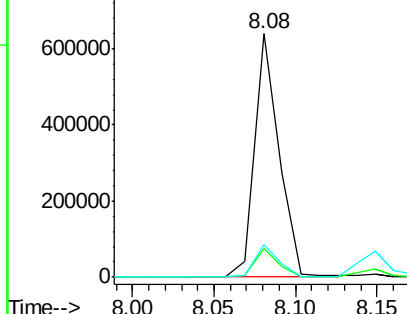


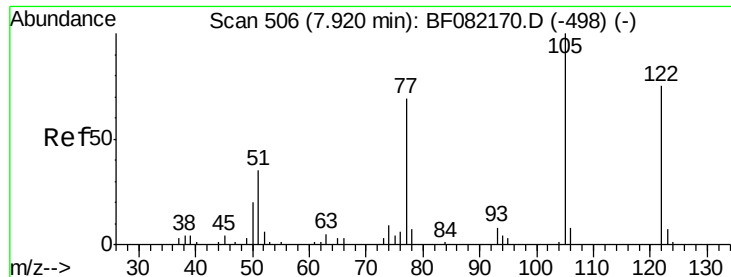
#31
 Naphthalene
 Concen: 42.78 ng
 RT: 8.08 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

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

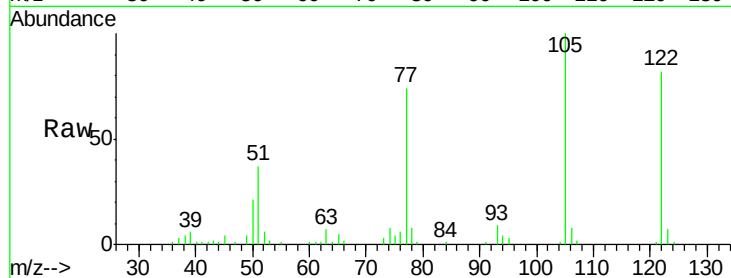
Tot Ion:122 Resp: 95493

Ion Ratio Lower Upper

122 100

105 121.3 104.4 144.4

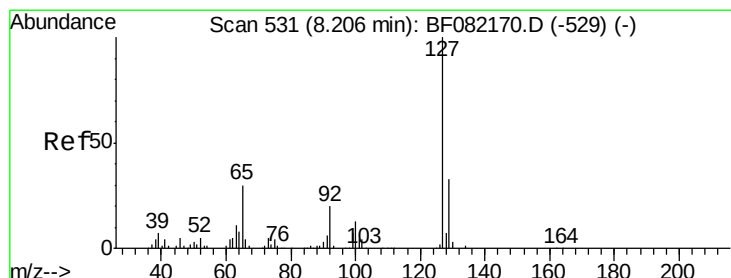
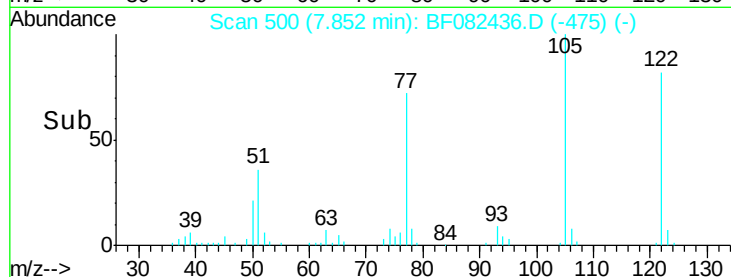
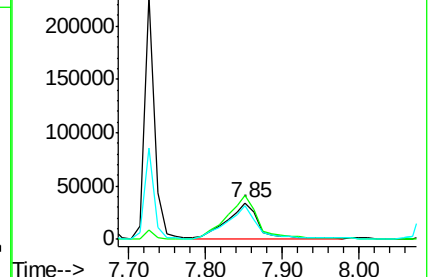
77 90.0 69.0 109.0



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

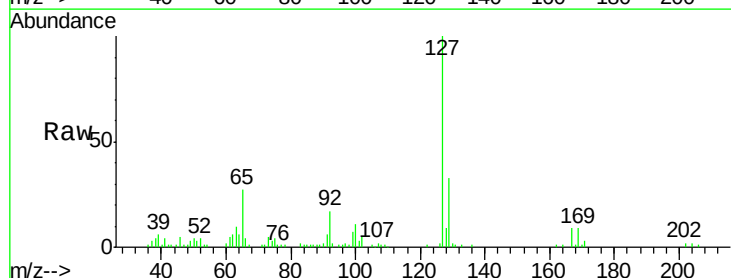
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 26.7 24.4 36.6

92 17.4 15.7 23.5

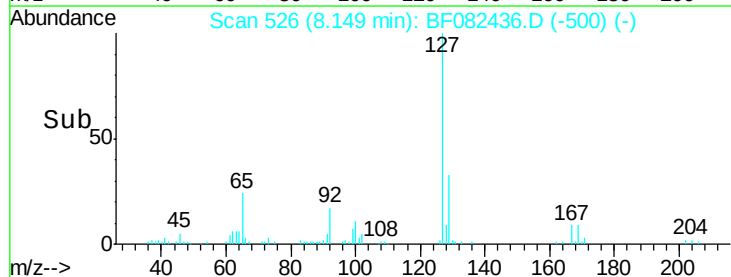
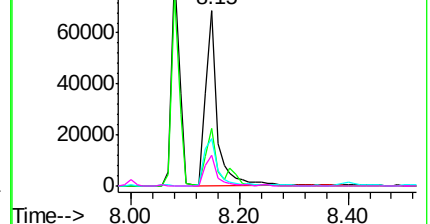


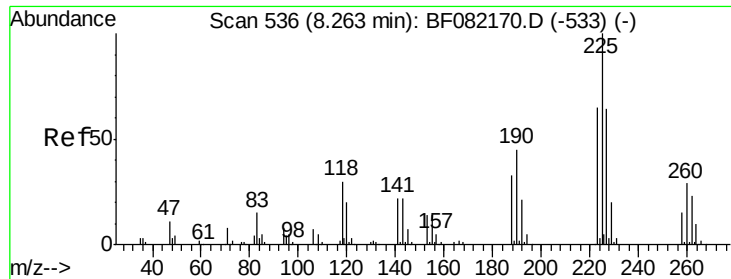
Abundance Ion 127.00 (126.70 to 127.70): E

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

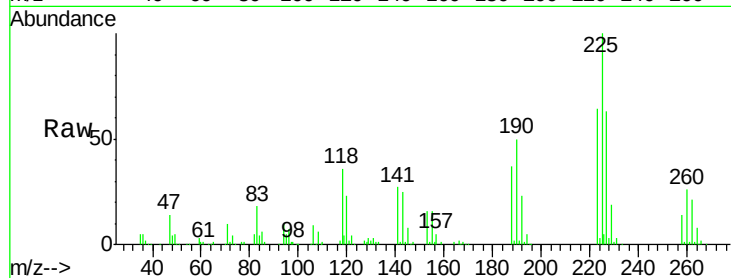
Tot Ion:225 Resp: 140243

Ion Ratio Lower Upper

225 100

223 64.1 52.2 78.2

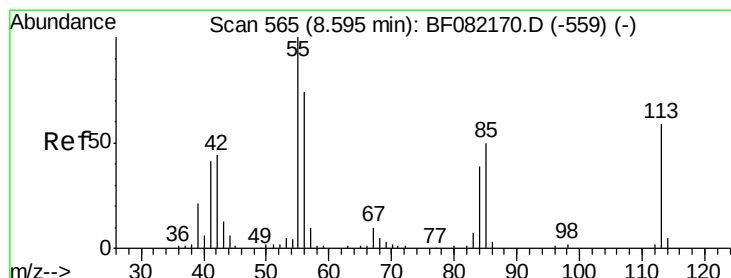
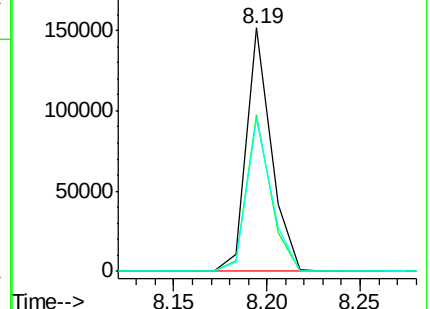
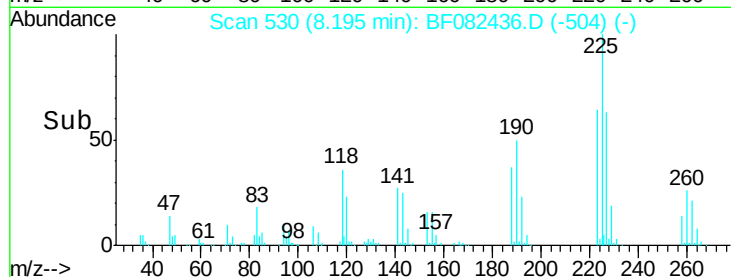
227 62.7 51.3 76.9



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

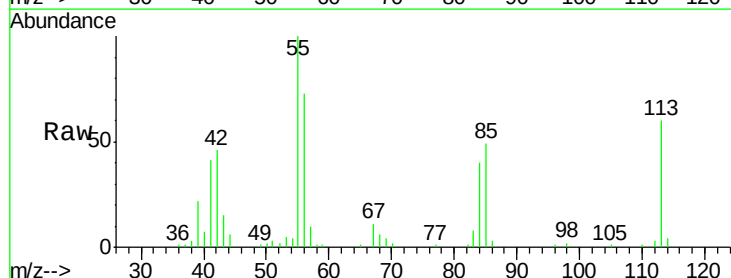
Tgt Ion:113 Resp: 49877

Ion Ratio Lower Upper

113 100

55 166.8 149.7 189.7

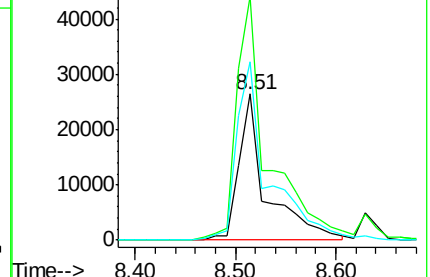
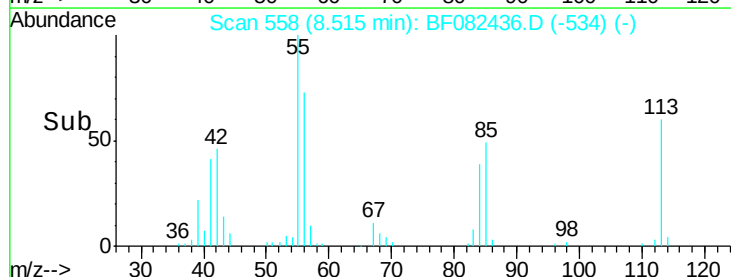
56 122.6 105.4 145.4

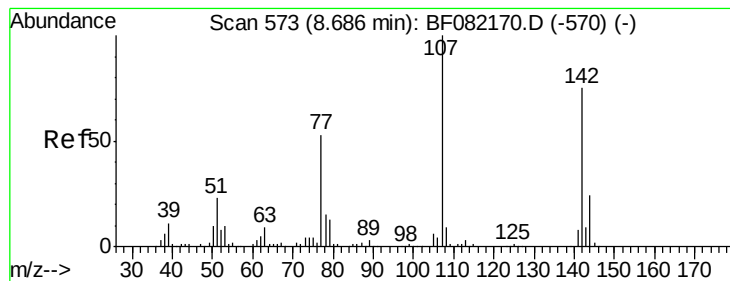


Abundance Ion 113.00 (112.70 to 113.70): E

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

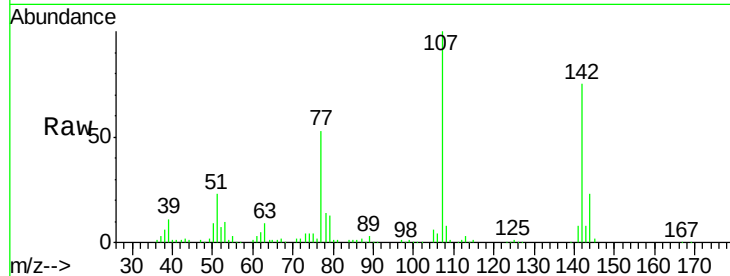
Tot Ion:107 Resp: 201095

Ion Ratio Lower Upper

107 100

144 23.5 19.3 28.9

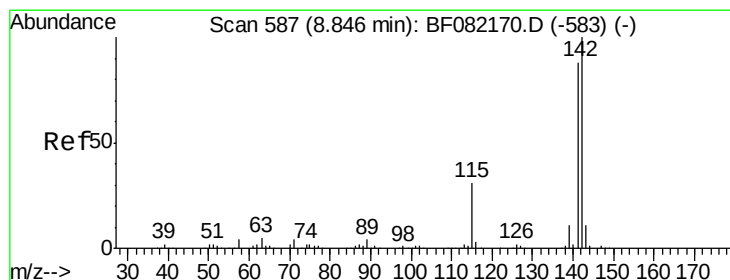
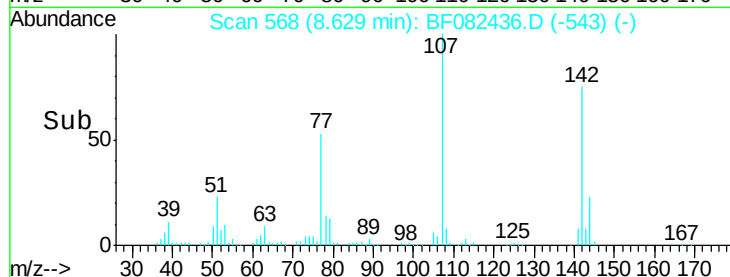
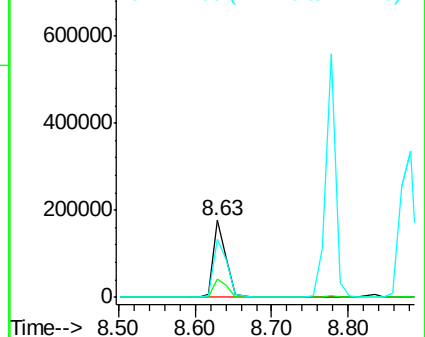
142 75.1 59.9 89.9



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

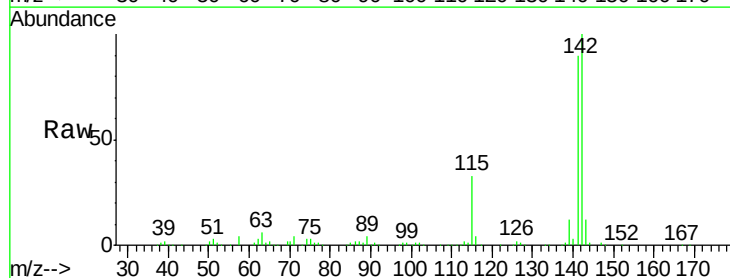
Tgt Ion:142 Resp: 490422

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

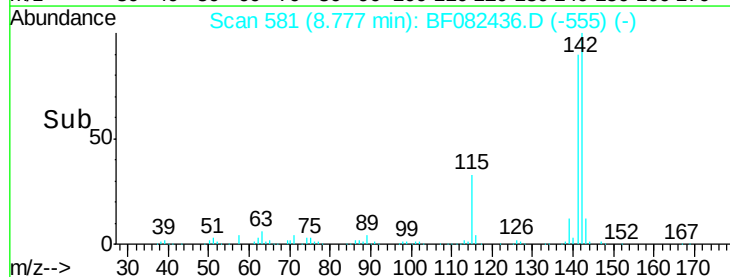
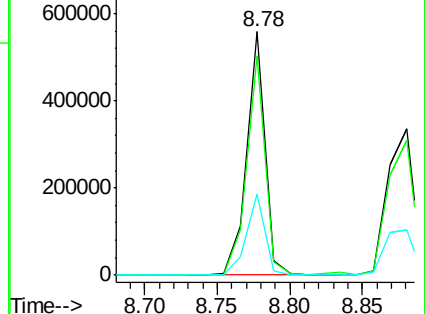
115 33.5 24.6 37.0

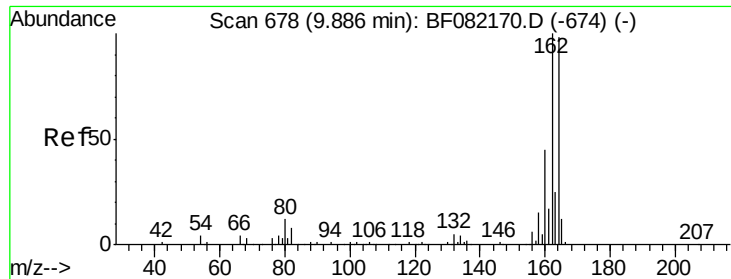


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

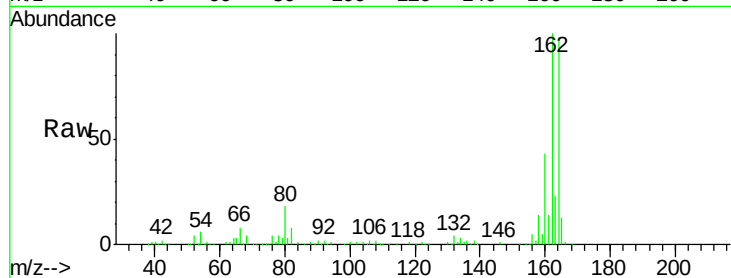




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	43.6	36.4	54.6

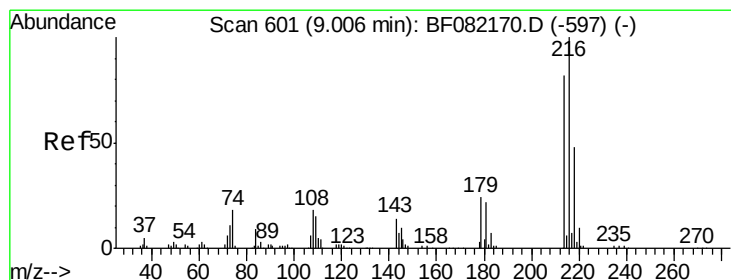
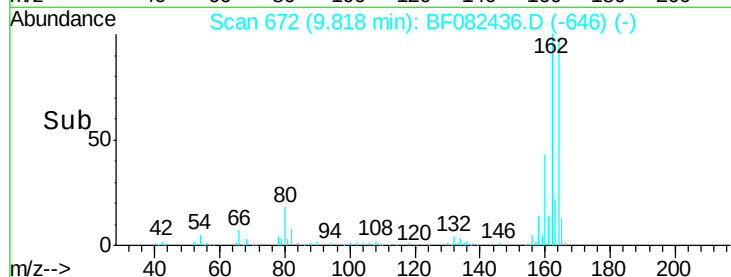
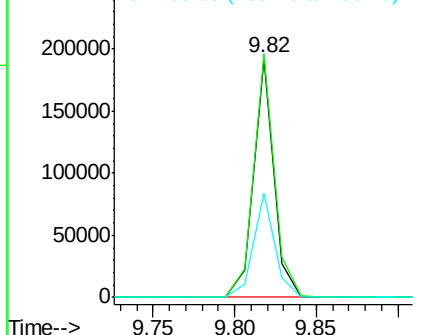


Abundance

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	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

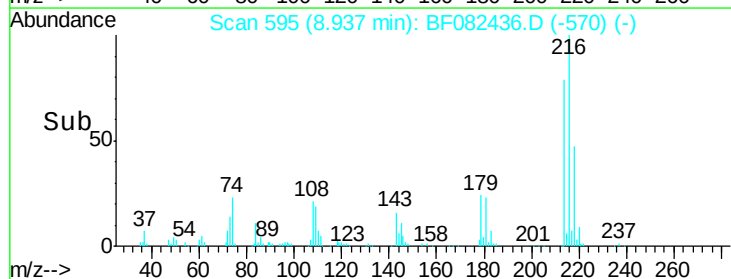
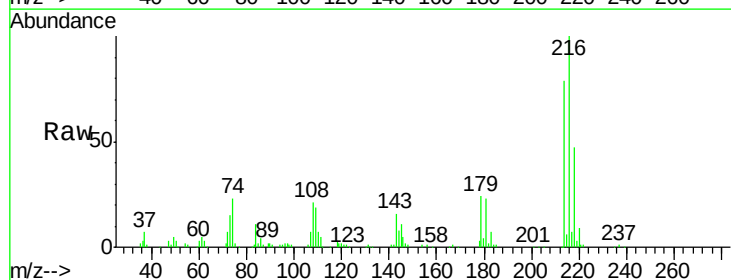
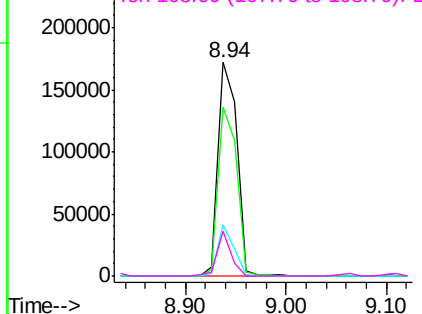
Abundance

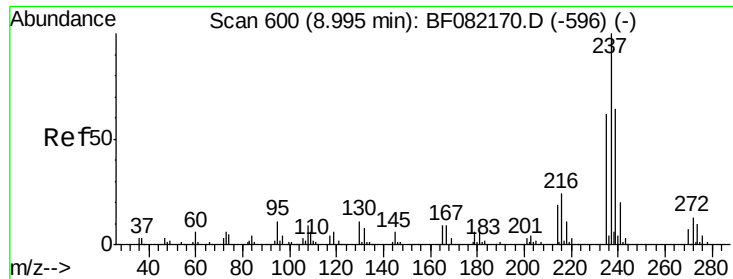
Ion 216.00 (215.70 to 216.70): E

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

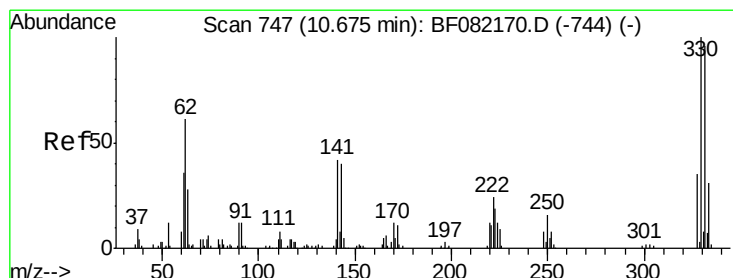
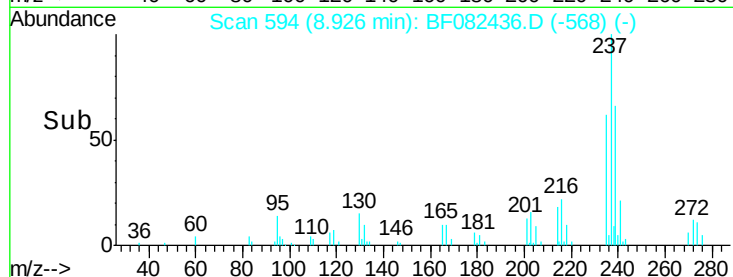
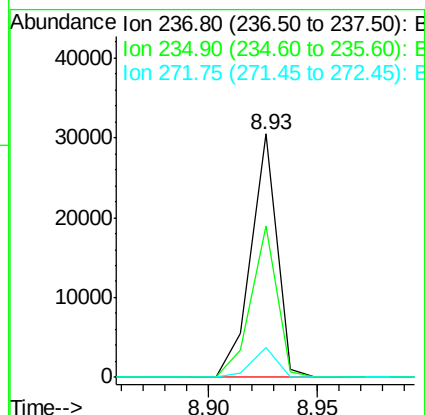
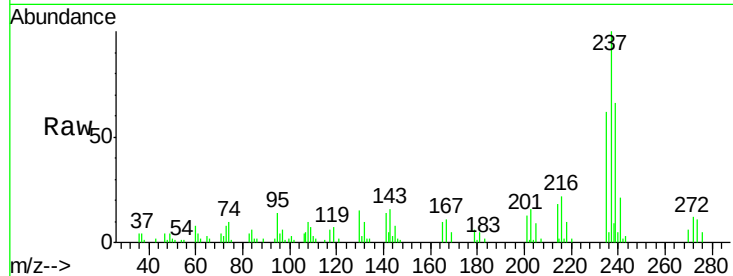




#40
Hexachlorocyclopentadiene
Concen: 17.38 ng
RT: 8.93 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

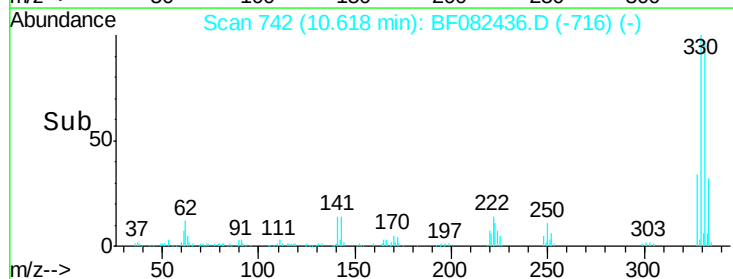
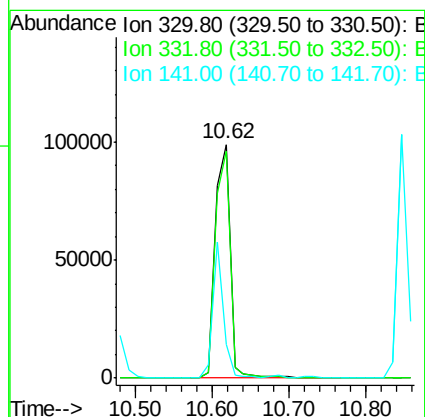
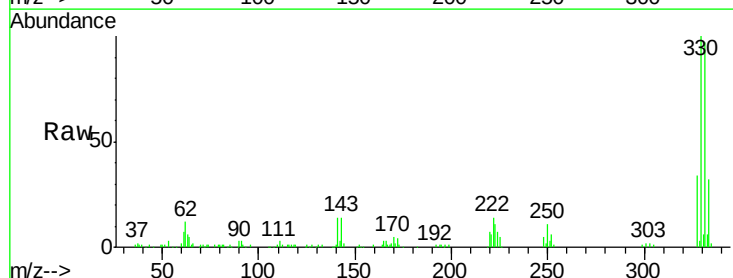
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

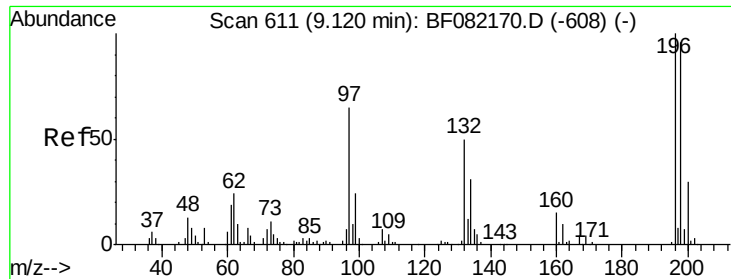
Tot Ion:237 Resp: 25364
Ion Ratio Lower Upper
237 100
235 62.0 41.7 81.7
272 12.2 0.0 32.8



#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

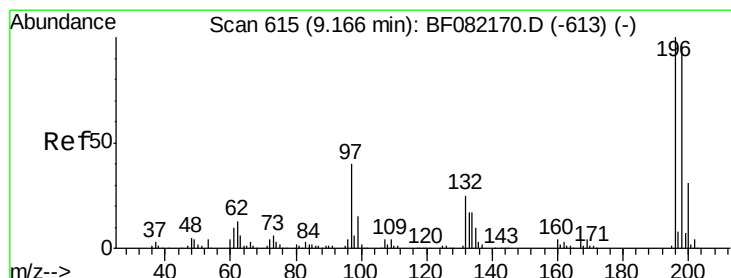
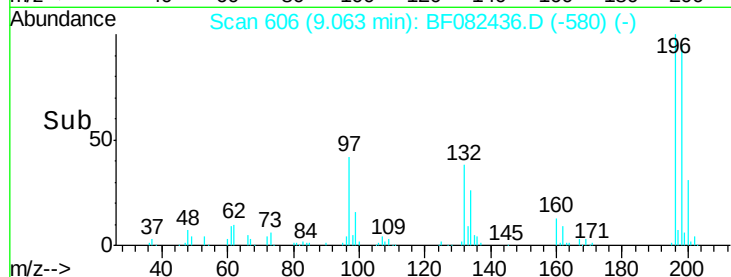
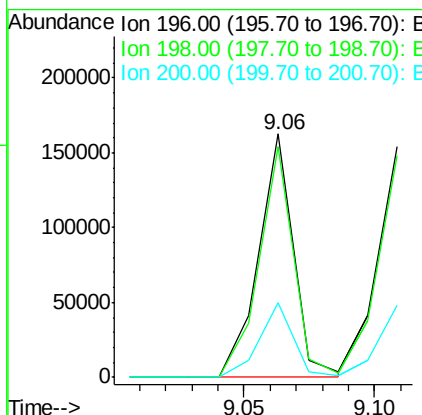
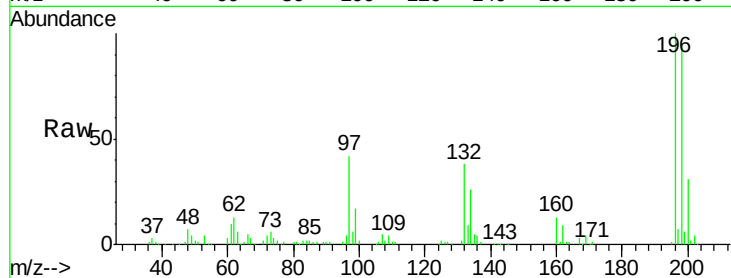




#42
 2,4,6-Trichlorophenol
 Concen: 45.61 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

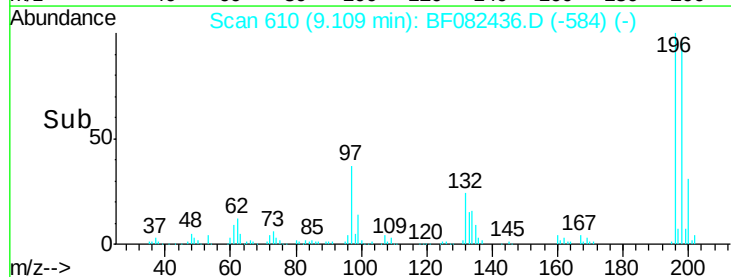
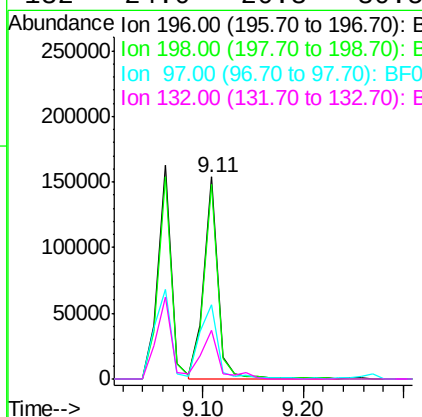
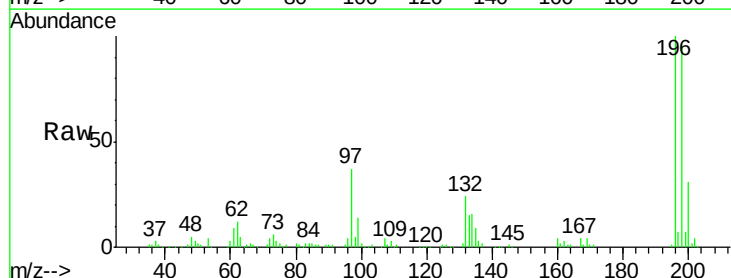
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

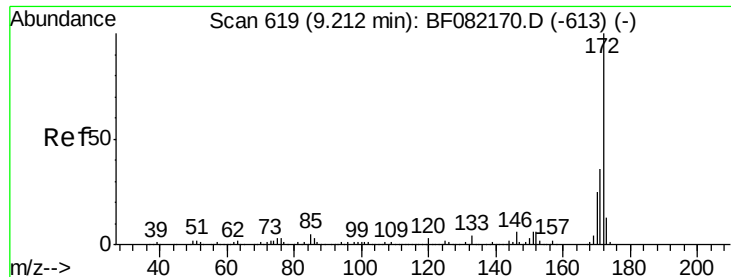
Tot Ion:196 Resp: 149898
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 115.0
 200 30.9 23.7 35.5



#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

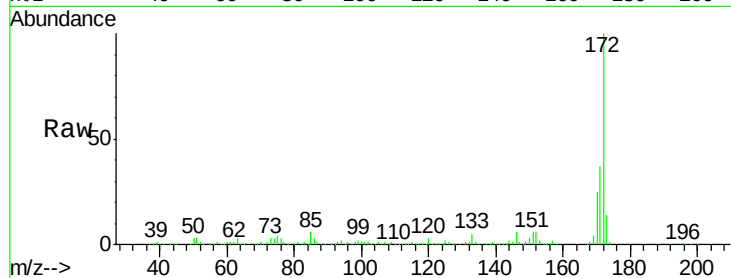




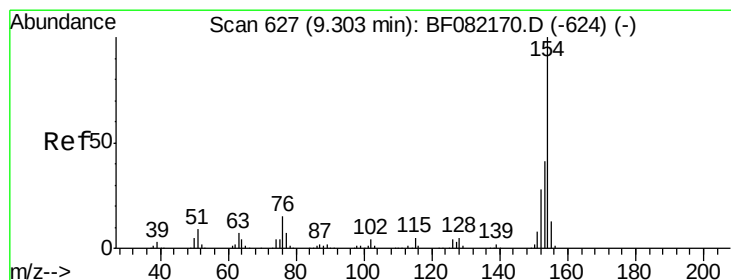
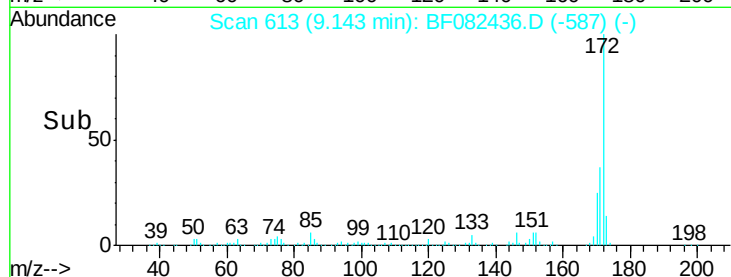
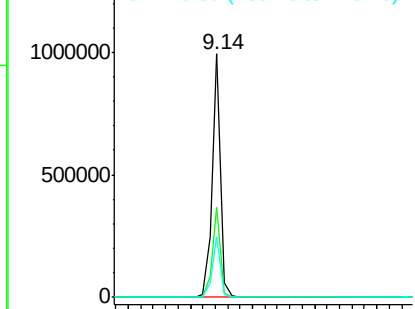
#44
2-Fluorobiphenyl
Concen: 91.02 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

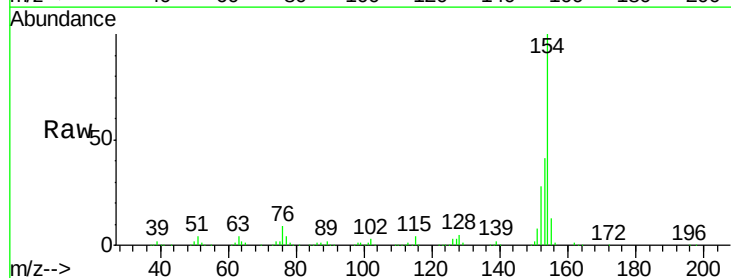


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

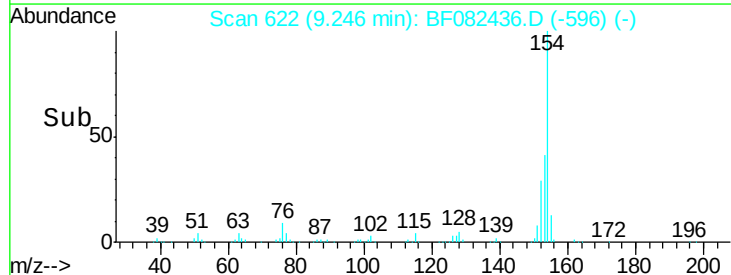
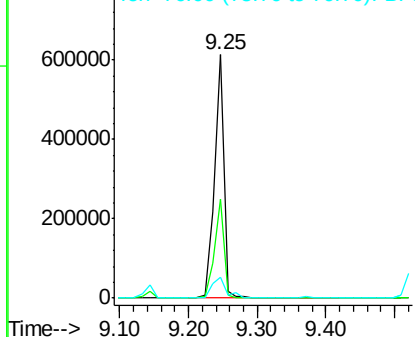


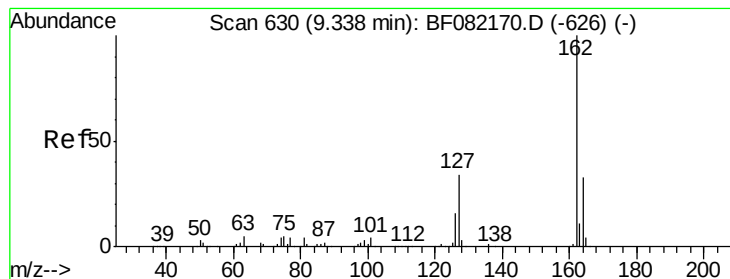
#45
1,1'-Biphenyl
Concen: 47.19 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

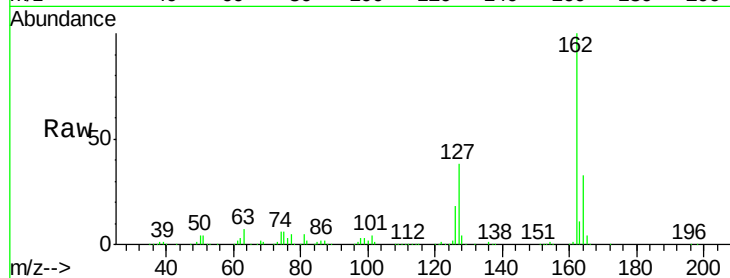
Tot Ion:162 Resp: 461414

Ion Ratio Lower Upper

162 100

127 37.6 27.5 41.3

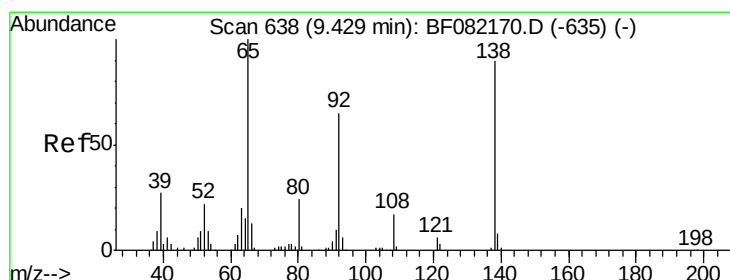
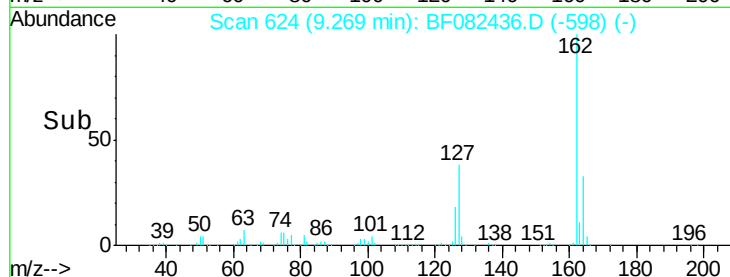
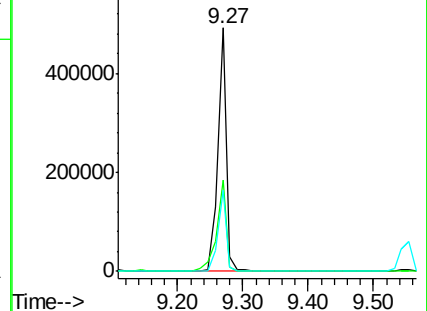
164 33.3 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 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

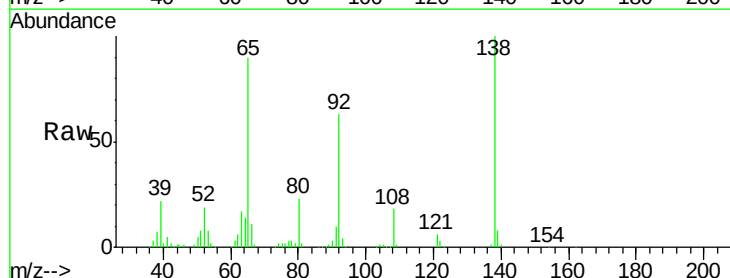
Tgt Ion: 65 Resp: 133420

Ion Ratio Lower Upper

65 100

92 69.4 52.3 78.5

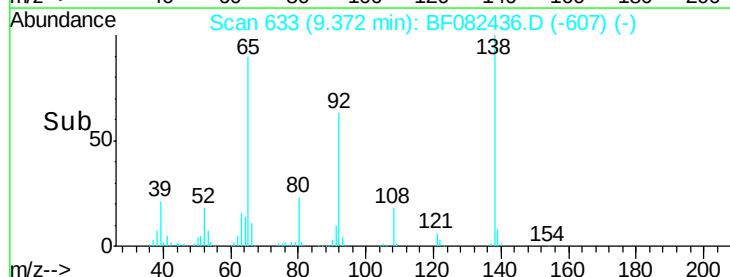
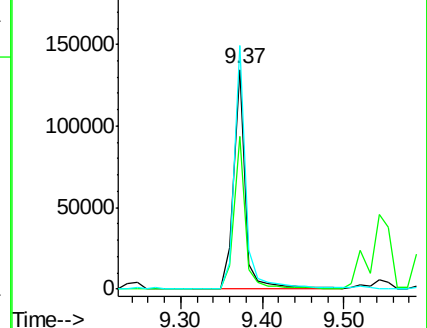
138 110.8 72.2 108.4#

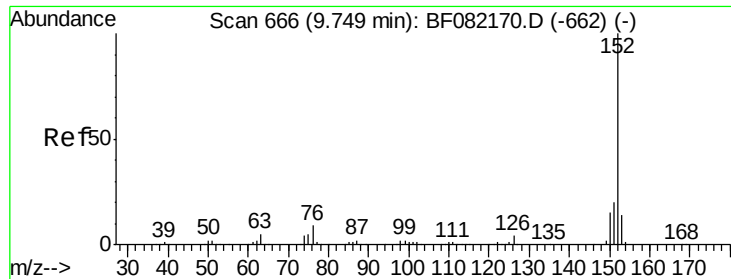


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#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

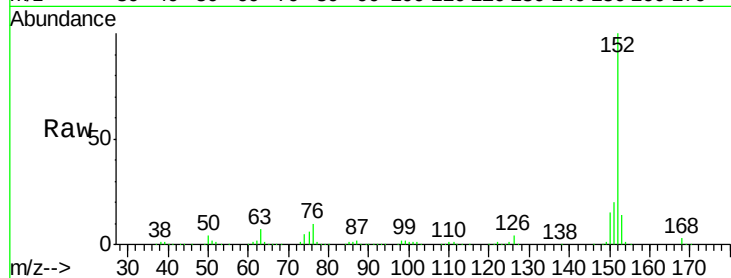
Tot Ion:152 Resp: 665074

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

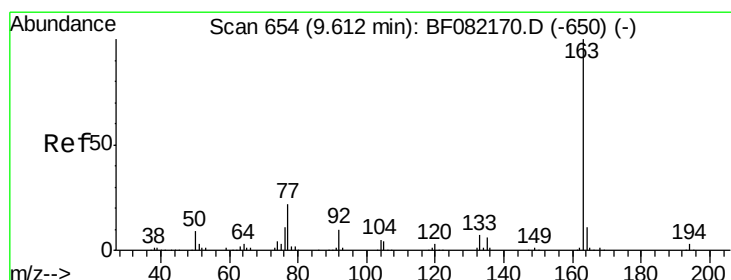
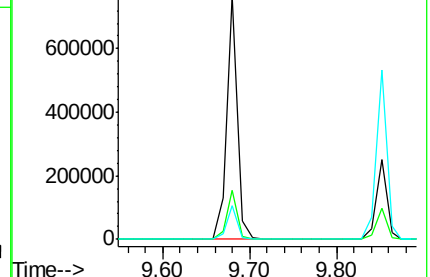
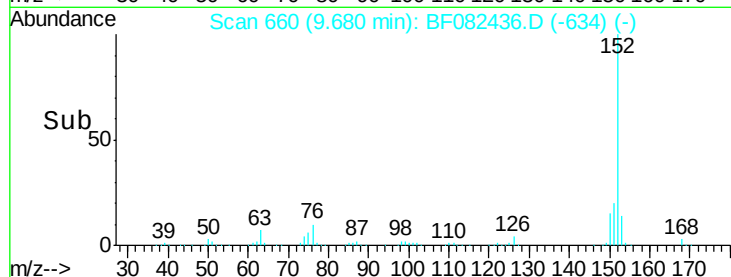
153 13.9 10.8 16.2



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

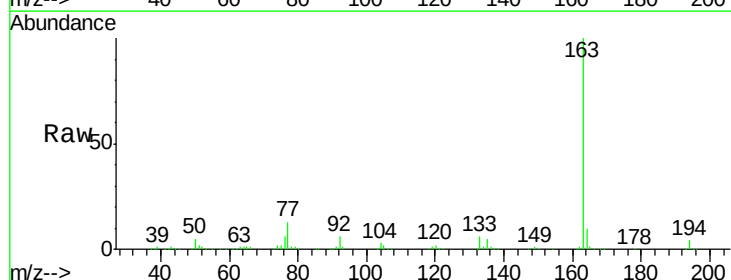
Tgt Ion:163 Resp: 760899

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

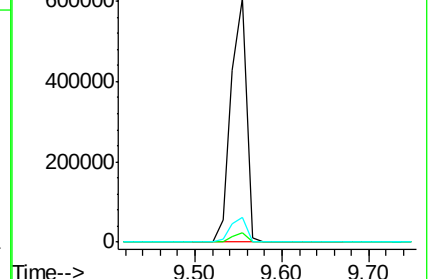
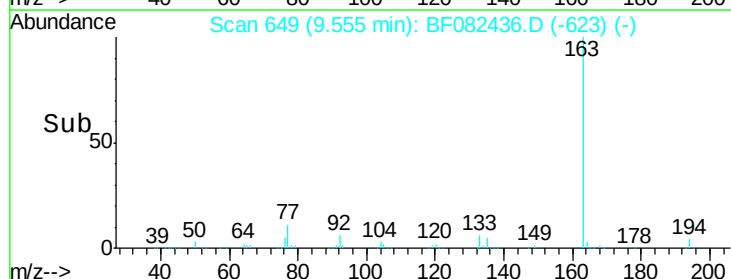
164 10.1 8.5 12.7

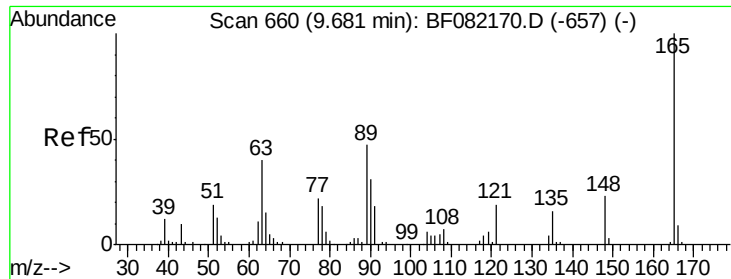


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

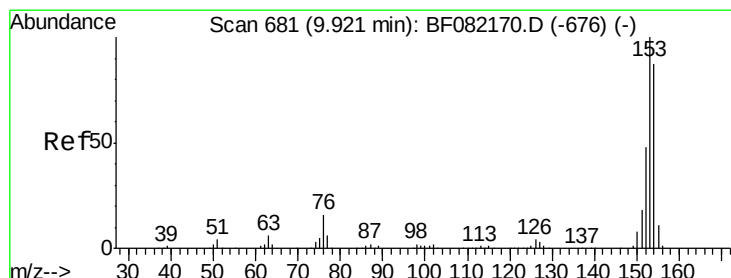
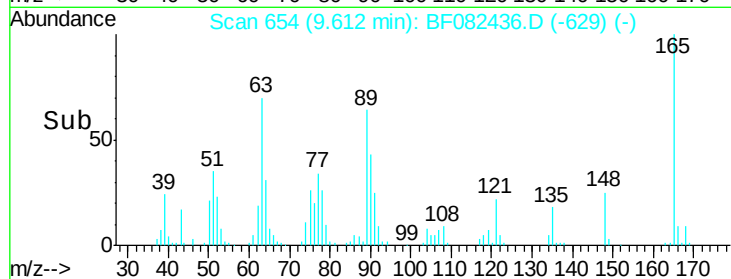
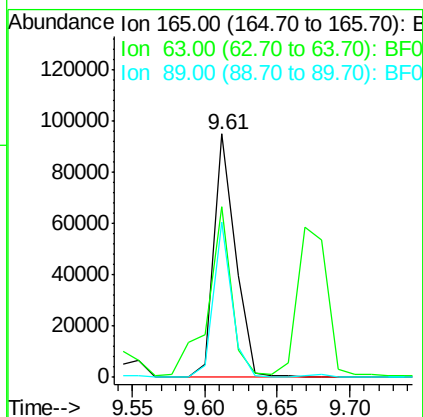
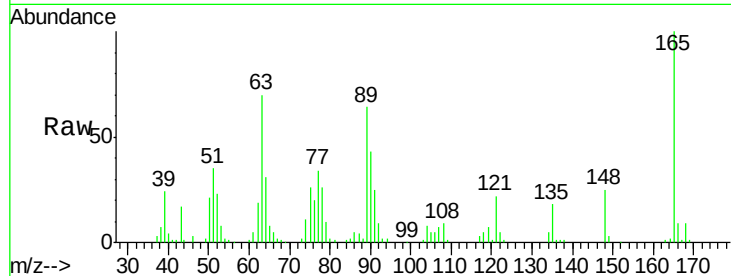




#50
 2,6-Dinitrotoluene
 Concen: 39.80 ng
 RT: 9.61 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

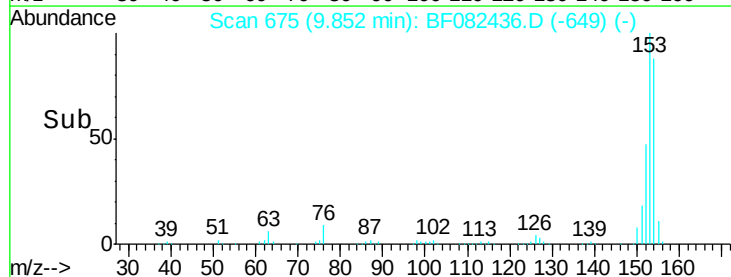
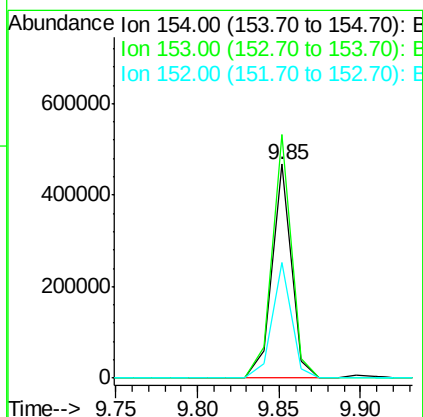
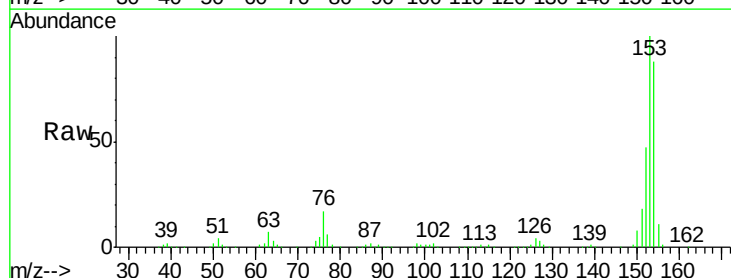
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

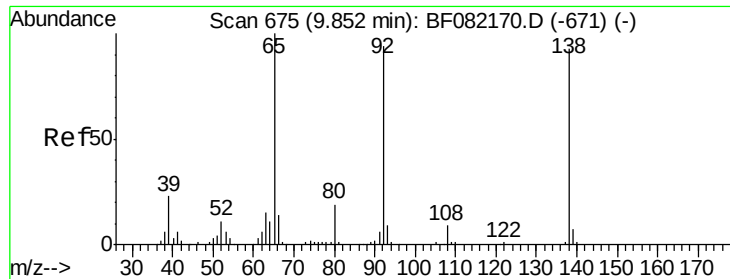
Tot Ion:165 Resp: 98361
 Ion Ratio Lower Upper
 165 100
 63 70.0 36.7 55.1#
 89 63.6 37.8 56.6#



#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

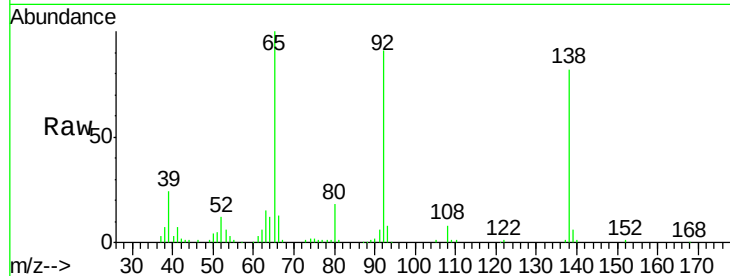
Tot Ion:138 Resp: 86077

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

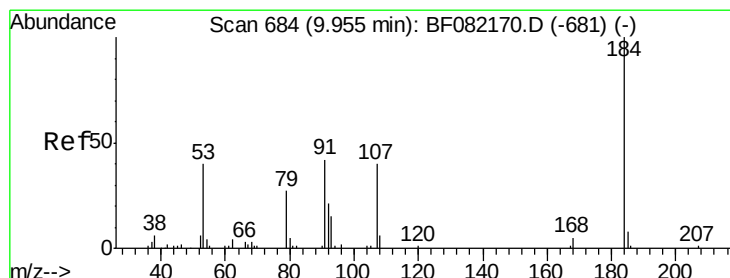
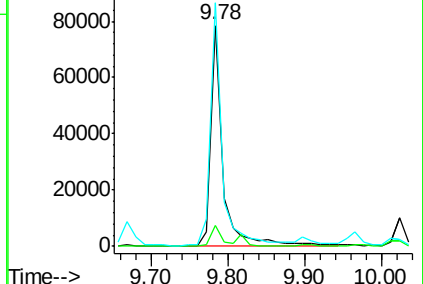
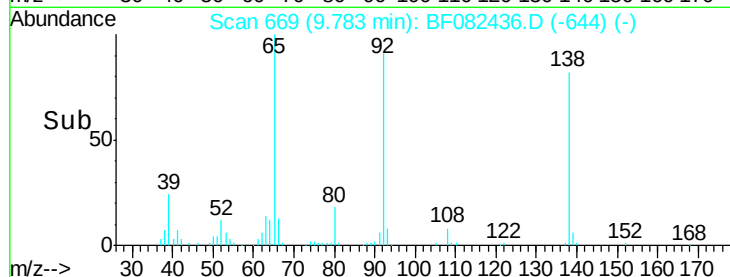
92 110.1 81.3 121.9



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

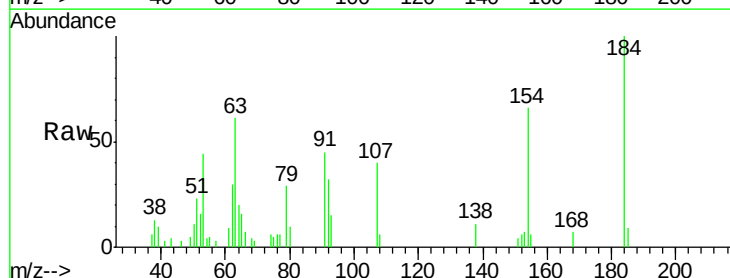
Tgt Ion:184 Resp: 13617

Ion Ratio Lower Upper

184 100

63 60.9 45.1 67.7

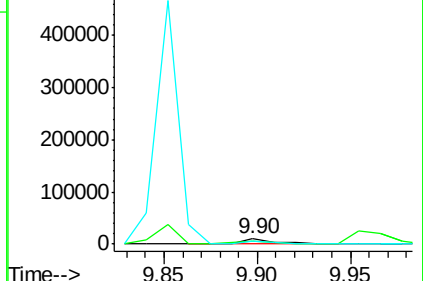
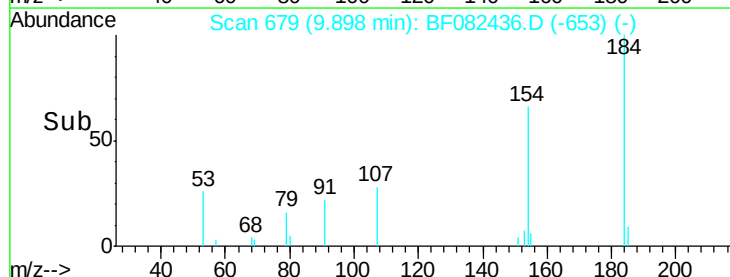
154 66.3 51.2 76.8

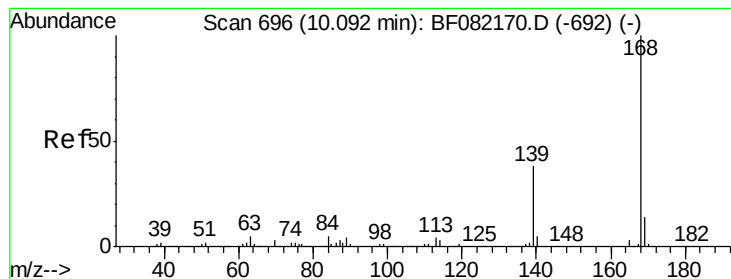


Abundance Ion 184.00 (183.70 to 184.70): E

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

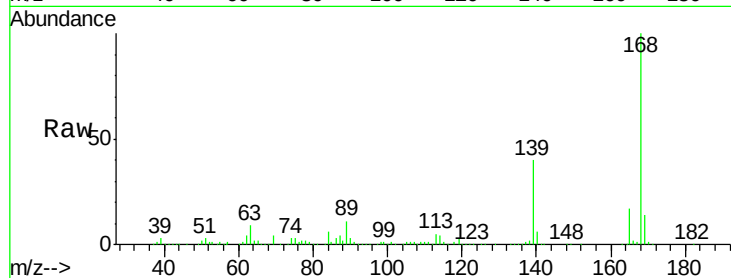
Tot Ion:168 Resp: 560538

Ion Ratio Lower Upper

168 100

139 40.2 31.0 46.6

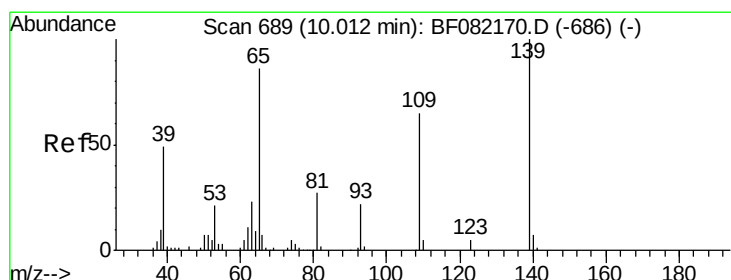
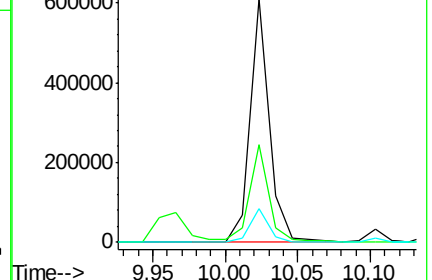
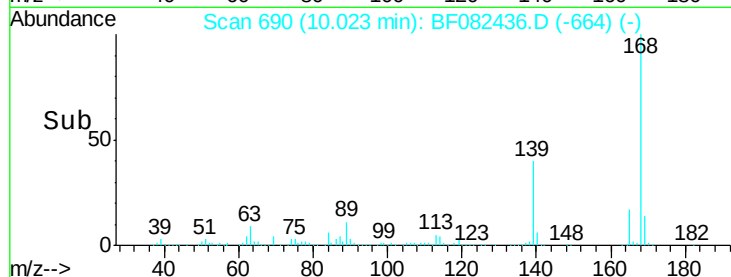
169 13.8 10.9 16.3



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

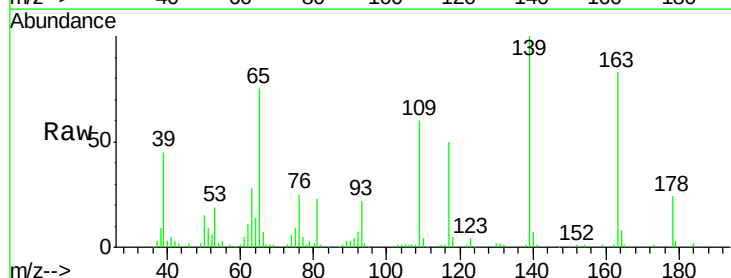
Tgt Ion:139 Resp: 115302

Ion Ratio Lower Upper

139 100

109 59.5 44.8 84.8

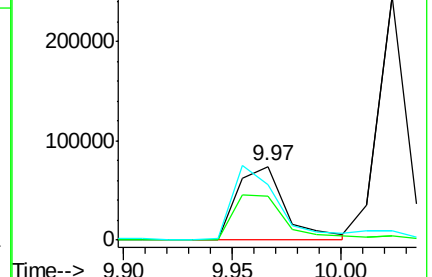
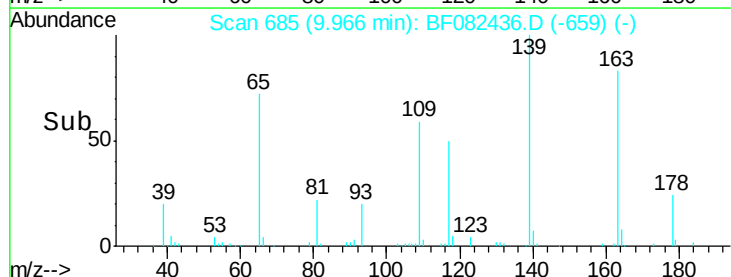
65 75.1 67.7 107.7

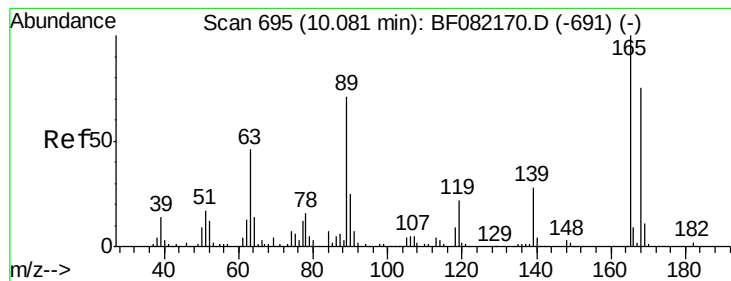


Abundance Ion 139.00 (138.70 to 139.70): E

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

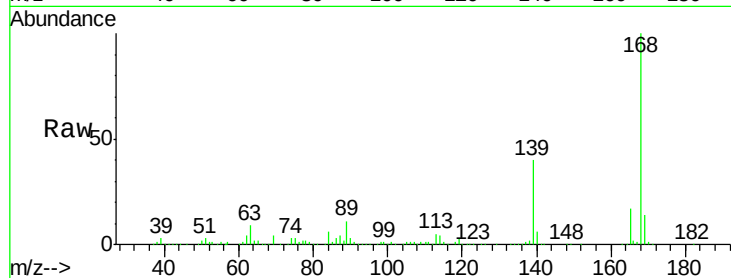
Ion Ratio Lower Upper

165 100

63 57.1 38.6 58.0

89 63.5 57.0 85.6

182 2.3 1.8 2.6

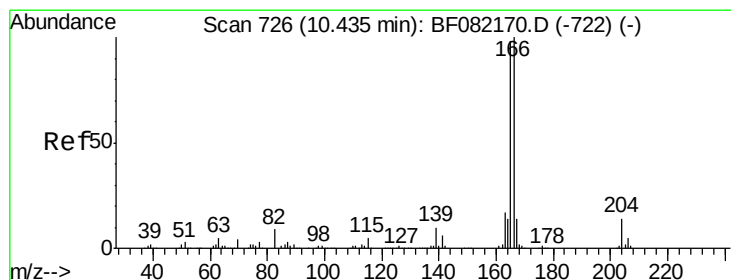
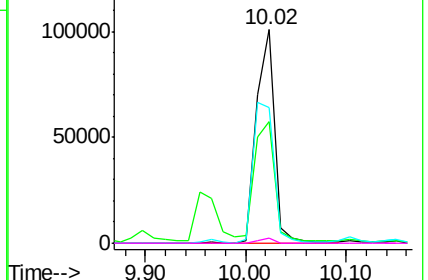
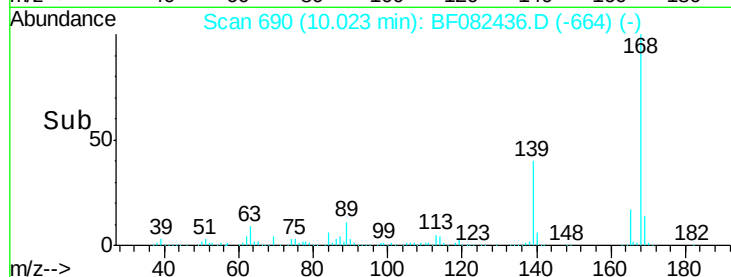


Abundance Ion 165.00 (164.70 to 165.70): E

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

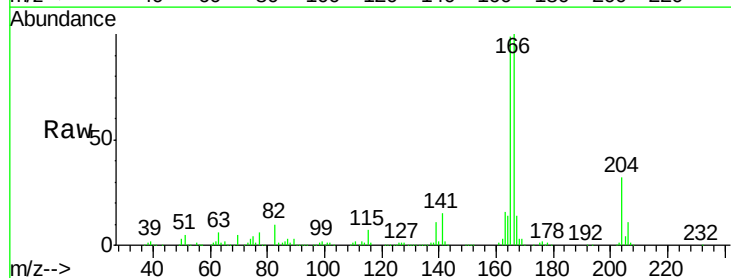
Tgt Ion:166 Resp: 434880

Ion Ratio Lower Upper

166 100

165 98.6 78.3 117.5

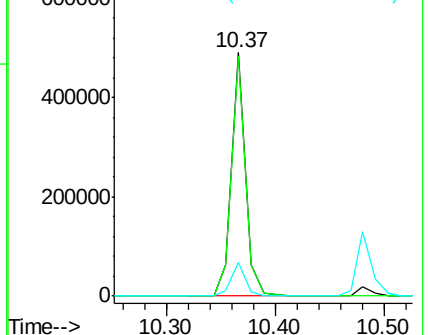
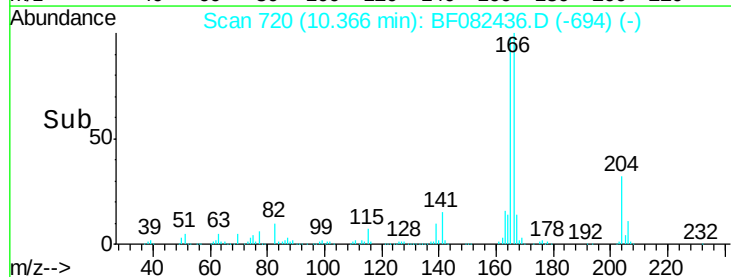
167 13.8 10.8 16.2

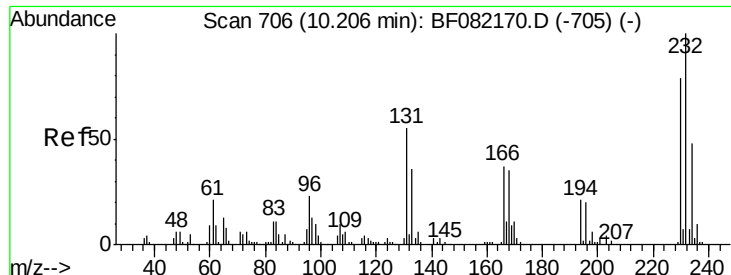


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

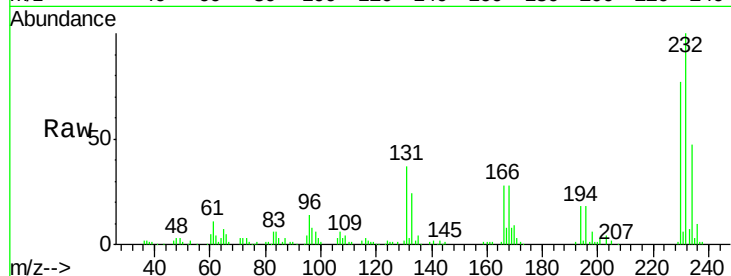




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.35 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

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

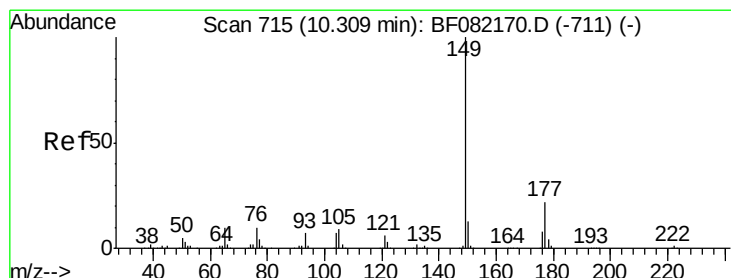
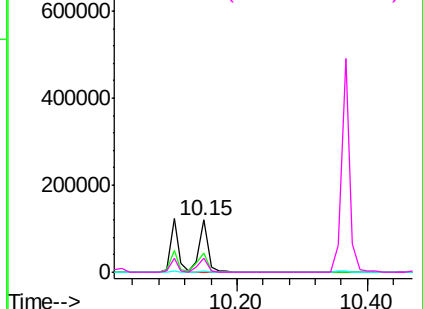
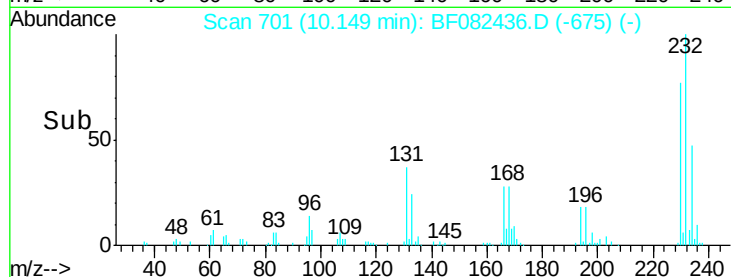


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

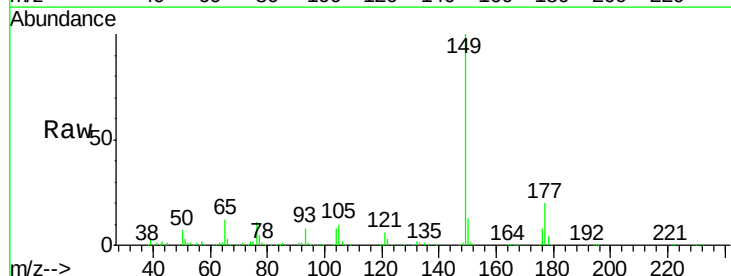
Ion 130.00 (129.70 to 130.70): E

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

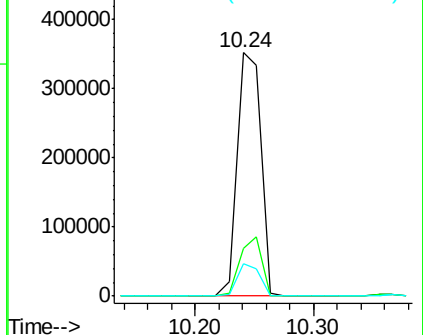
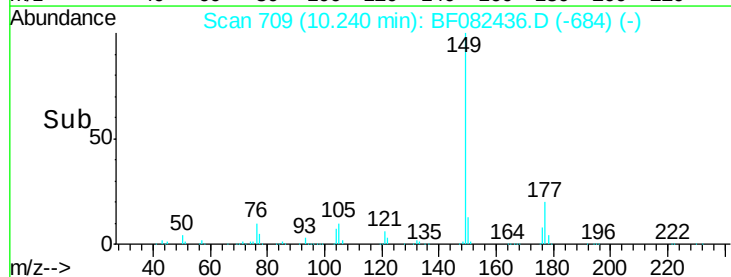
Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	17.6	26.4
150	13.4	10.3	15.5

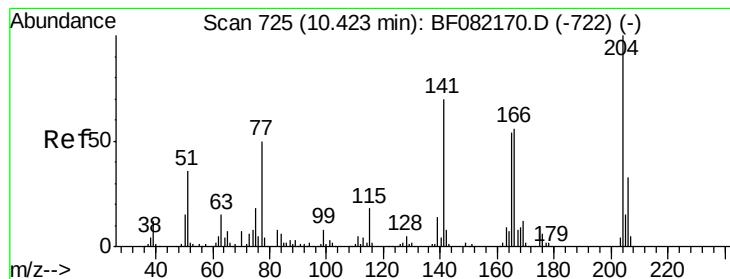


Abundance Ion 149.00 (148.70 to 149.70): E

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

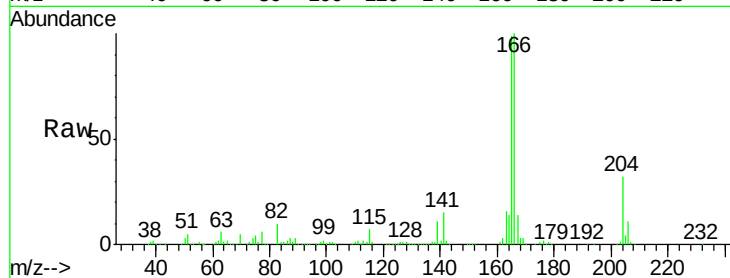
Tot Ion:204 Resp: 213171

Ion Ratio Lower Upper

204 100

206 34.1 26.8 40.2

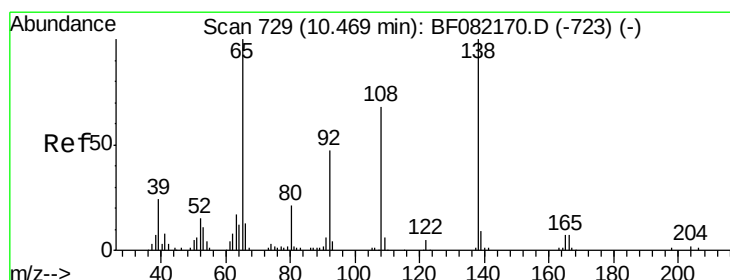
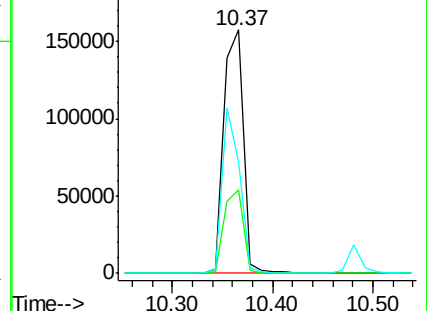
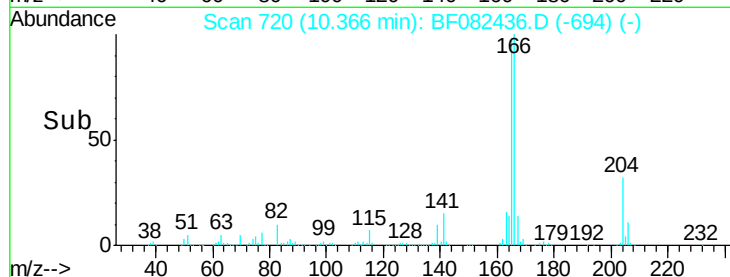
141 45.9 56.1 84.1#



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

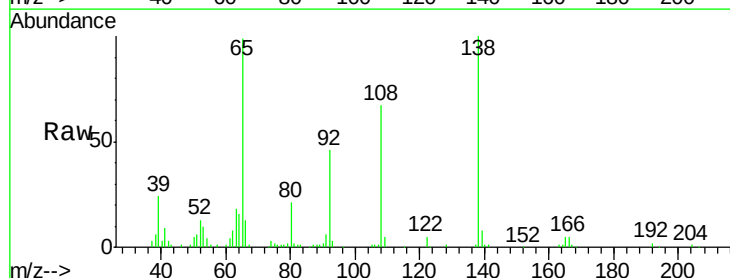
Tgt Ion:138 Resp: 99716

Ion Ratio Lower Upper

138 100

92 45.6 26.8 66.8

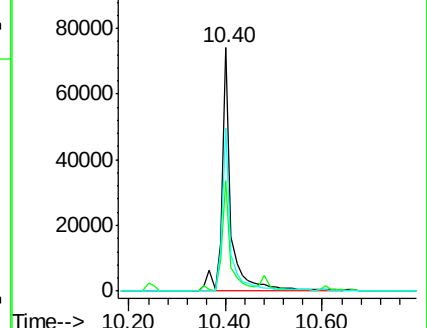
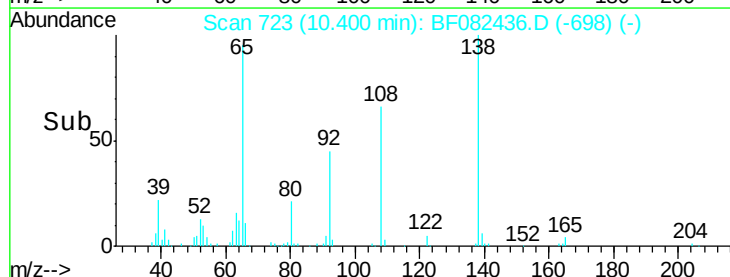
108 67.0 48.4 88.4

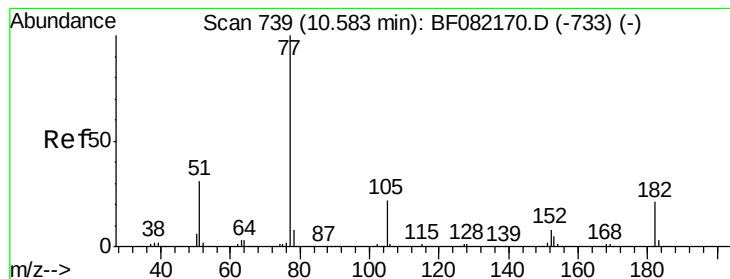


Abundance Ion 138.00 (137.70 to 138.70): E

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

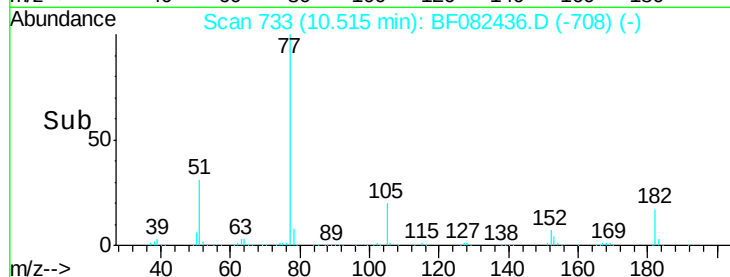
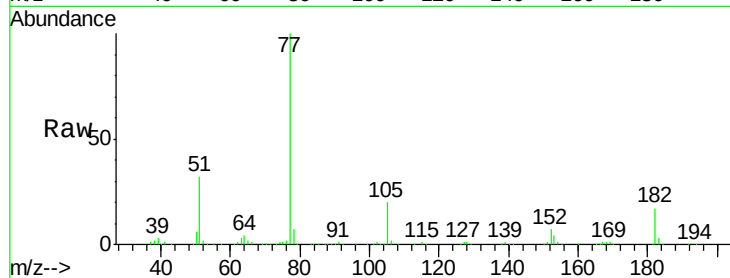
Ion Ratio Lower Upper

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

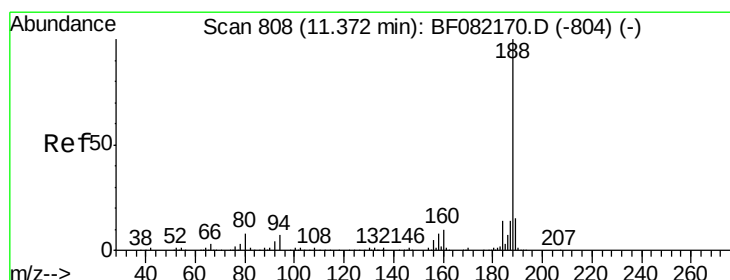
Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Time-->

10.40 10.50 10.60 10.70



#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

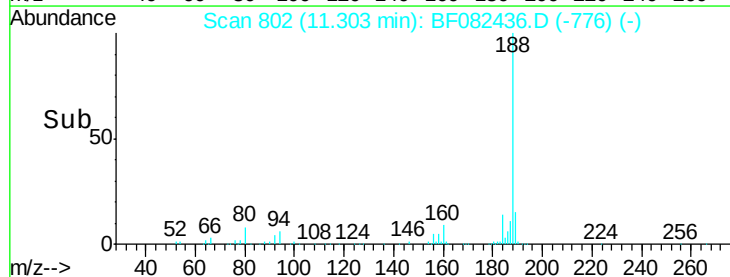
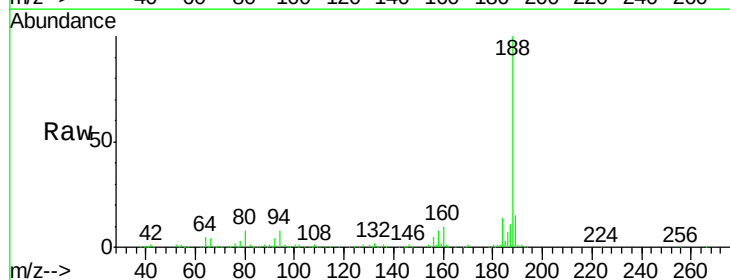
Tgt Ion: 188 Resp: 262092

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

80 8.3 6.4 9.6



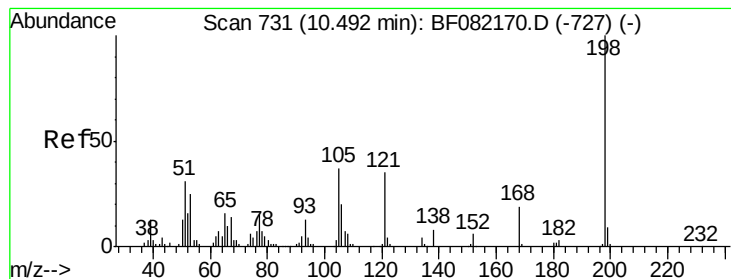
Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->

11.25 11.30 11.35



#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

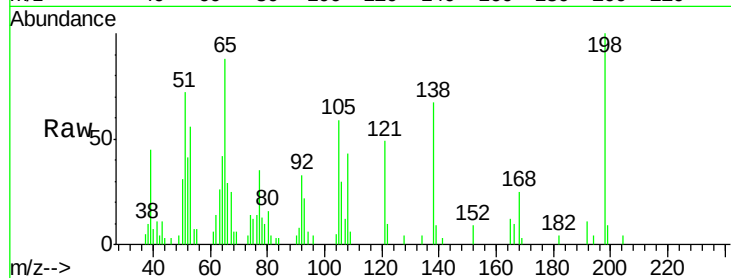
Tot Ion:198 Resp: 16071

Ion Ratio Lower Upper

198 100

51 72.3 13.6 53.6#

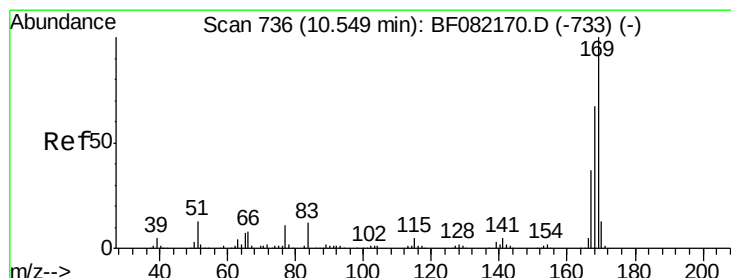
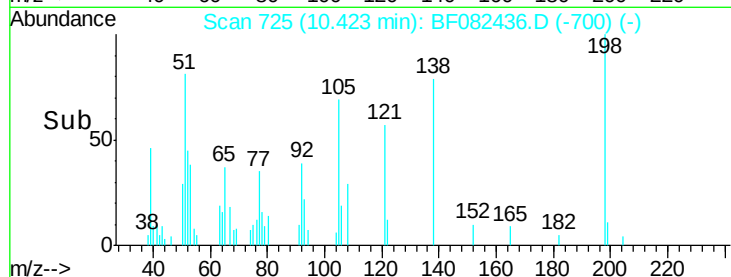
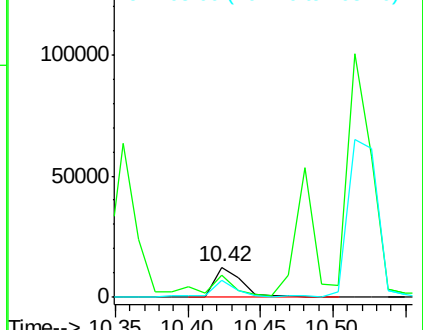
105 58.9 17.1 57.1#



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

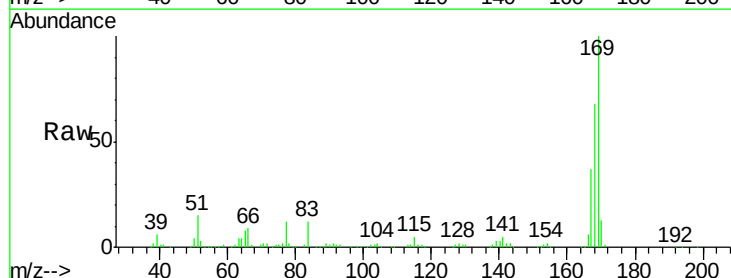
Tgt Ion:169 Resp: 337353

Ion Ratio Lower Upper

169 100

168 67.5 54.0 81.0

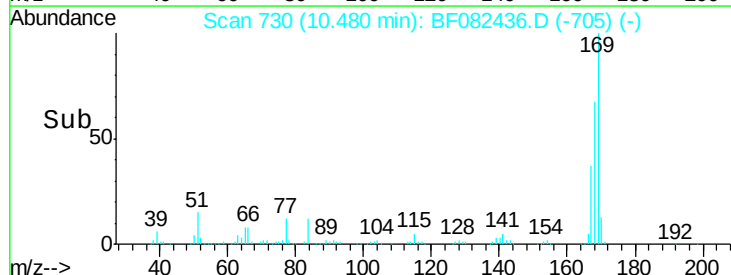
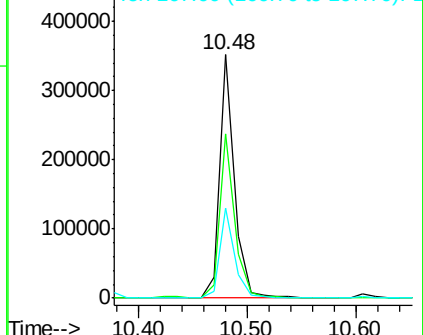
167 36.8 29.6 44.4

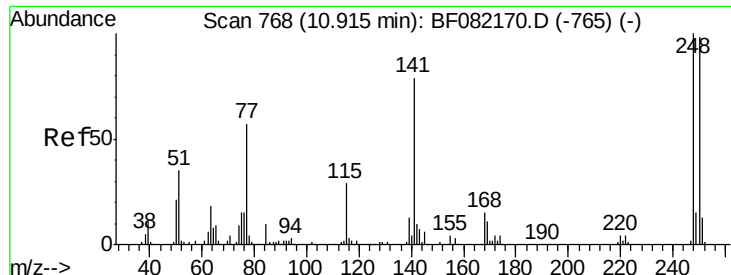


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

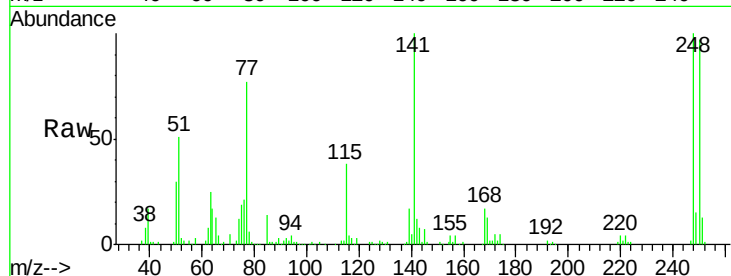




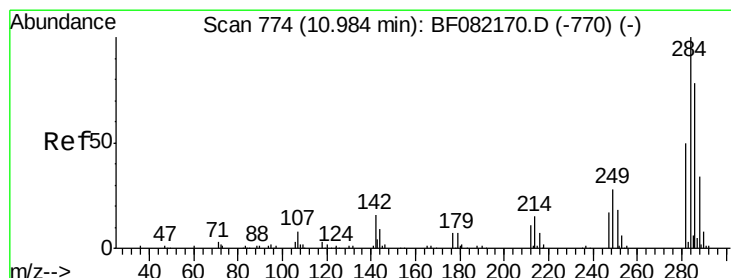
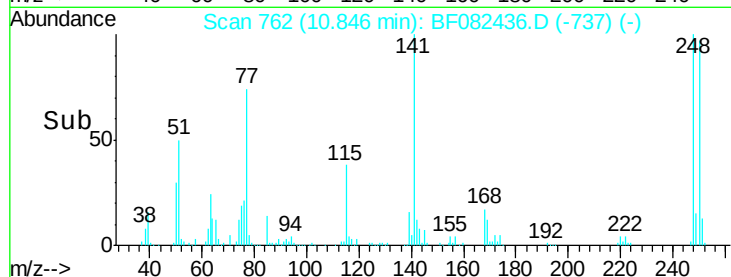
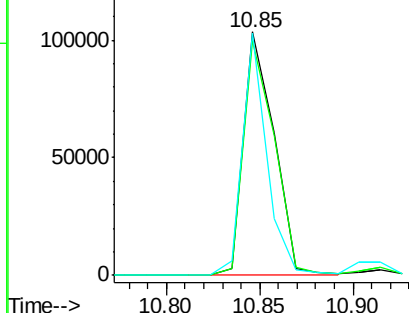
#66
4-Bromophenyl-phenylether
Concen: 45.10 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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#

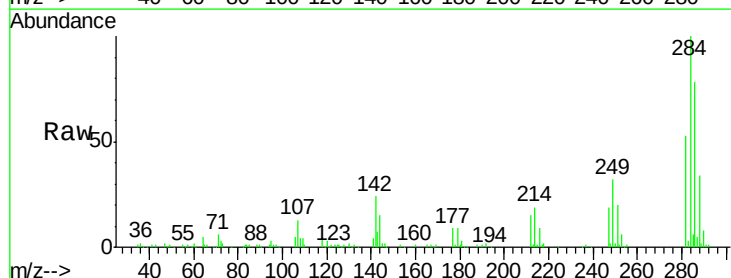


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

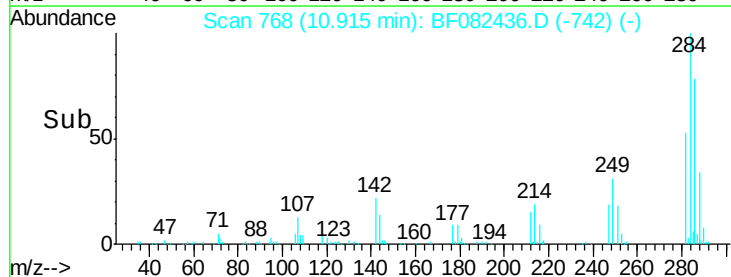
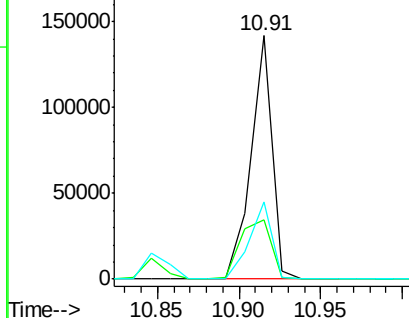


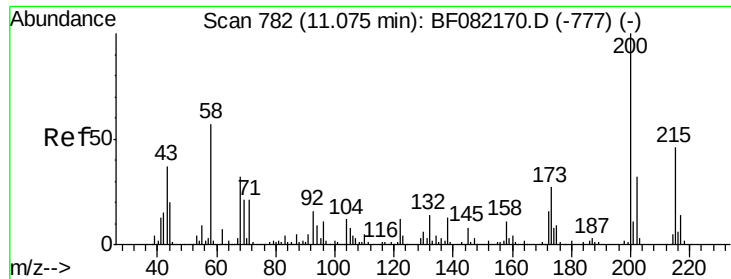
#67
Hexachlorobenzene
Concen: 44.92 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

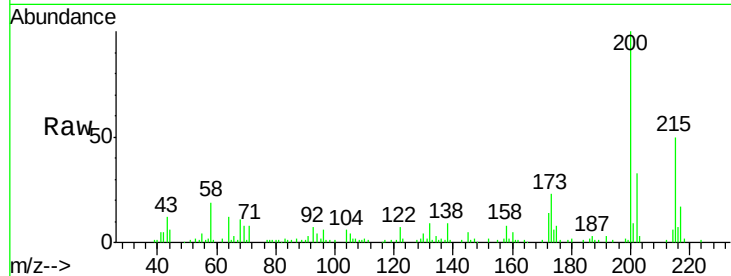
Tot Ion:200 Resp: 90577

Ion Ratio Lower Upper

200 100

173 22.8 7.3 47.3

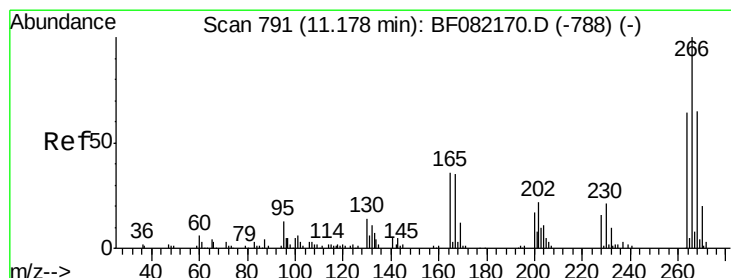
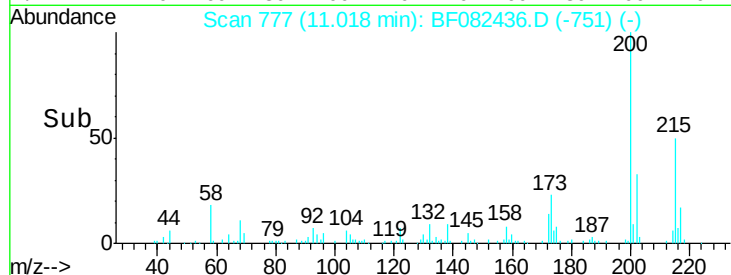
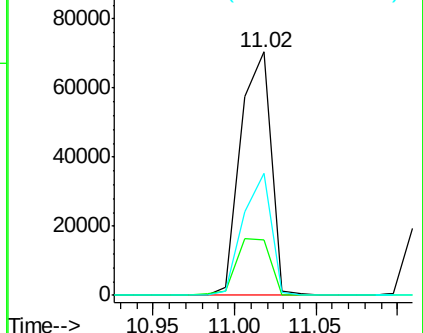
215 50.3 26.2 66.2



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

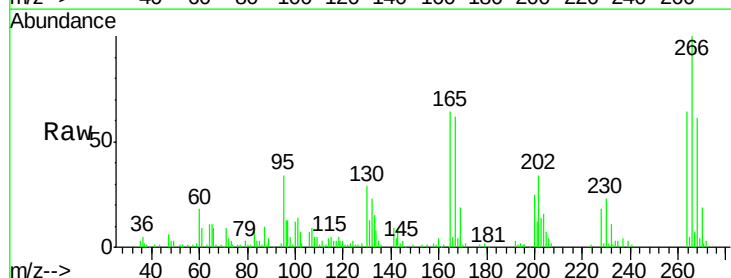
Tgt Ion:266 Resp: 110450

Ion Ratio Lower Upper

266 100

268 61.4 52.0 78.0

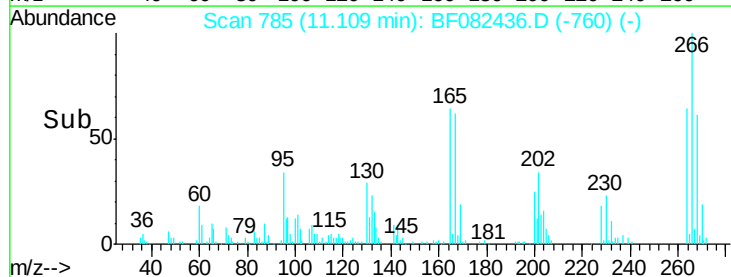
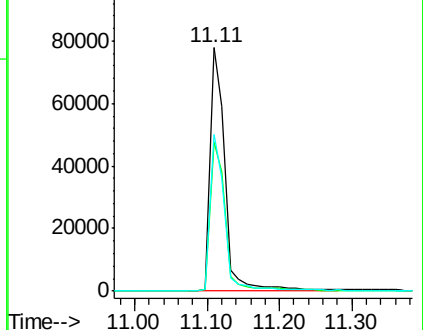
264 64.5 51.4 77.0

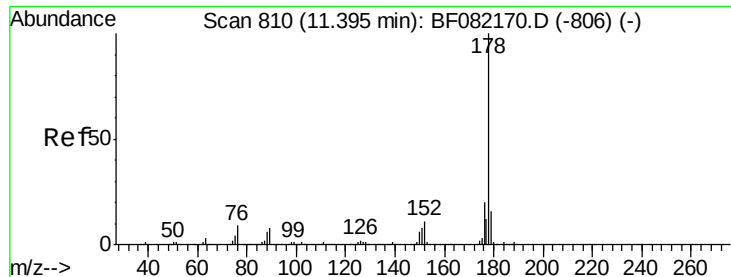


Abundance Ion 265.70 (265.40 to 266.40): E

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

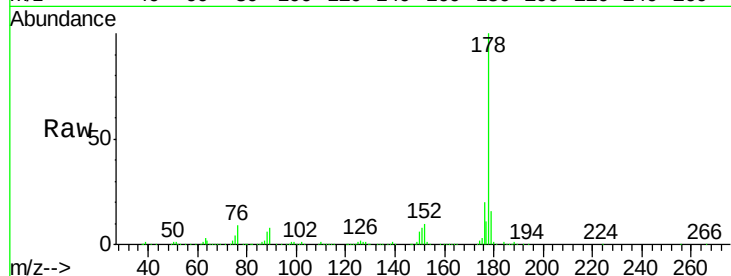
Tot Ion:178 Resp: 566927

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

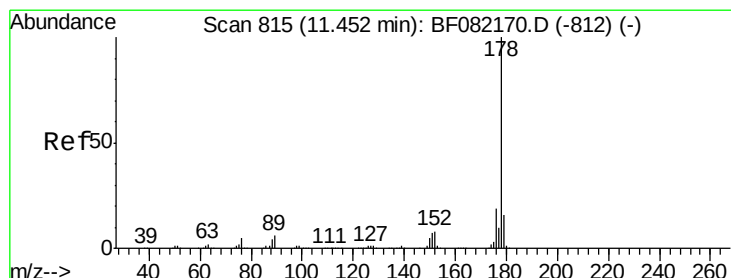
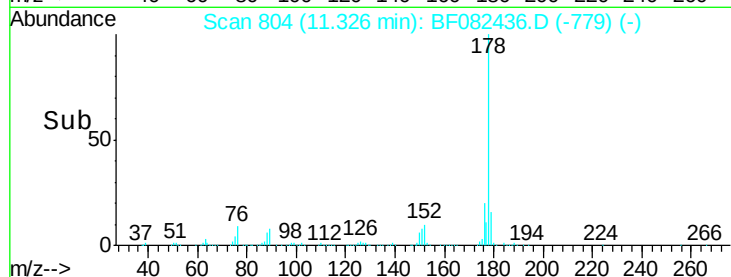
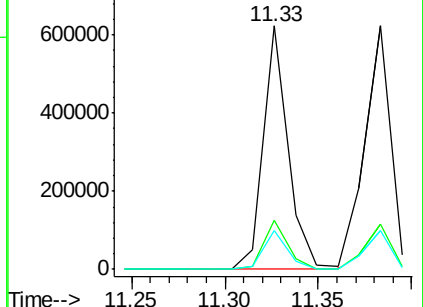
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 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

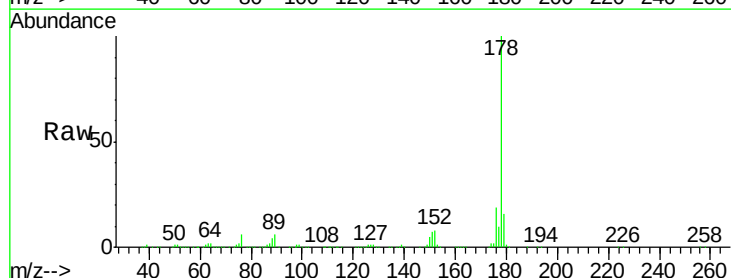
Tgt Ion:178 Resp: 619603

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

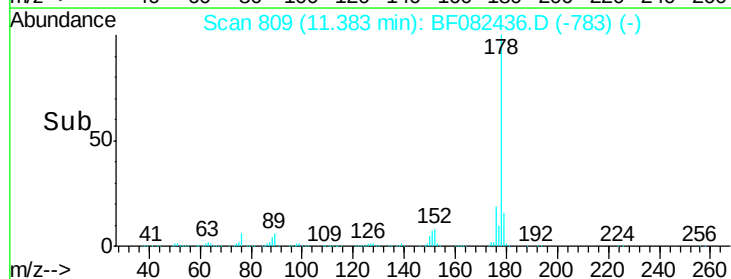
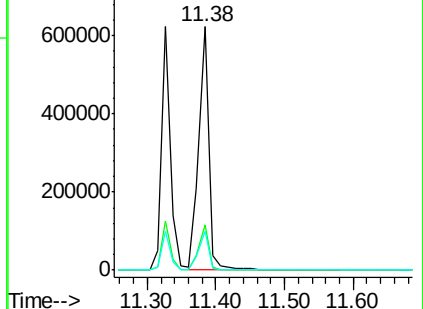
179 15.7 12.5 18.7

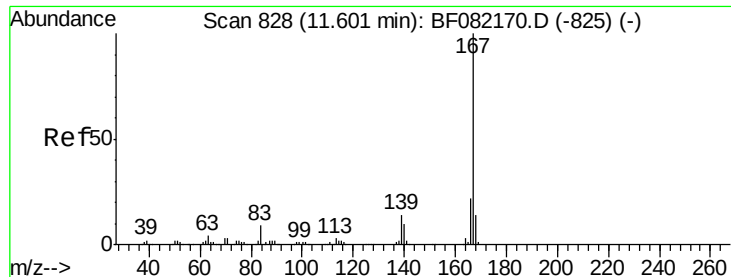


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 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

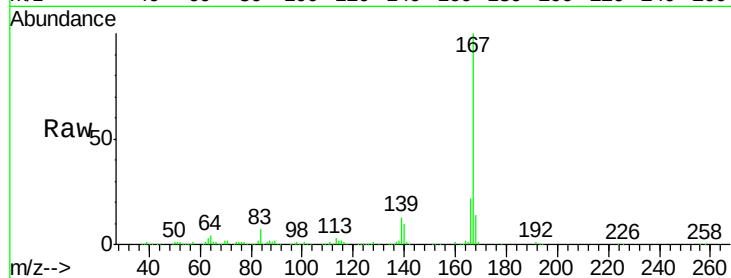
Tot Ion:167 Resp: 515713

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

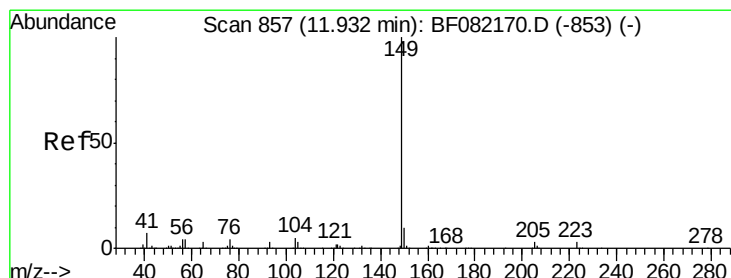
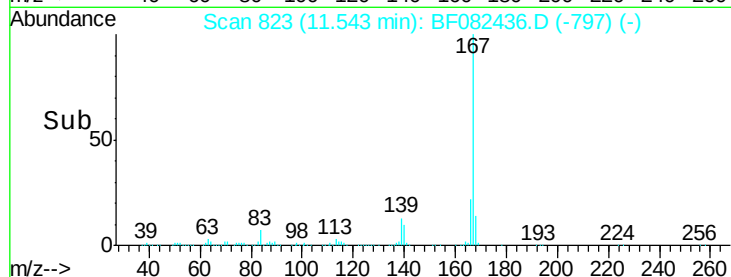
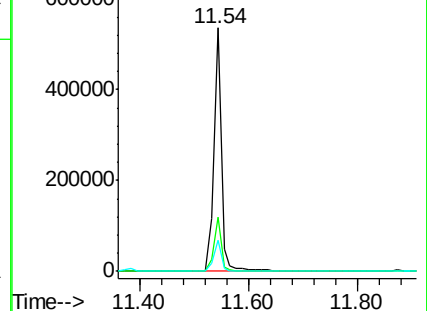
139 12.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 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

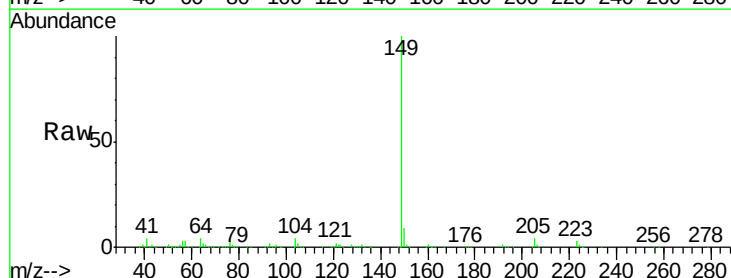
Tgt Ion:149 Resp: 717302

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

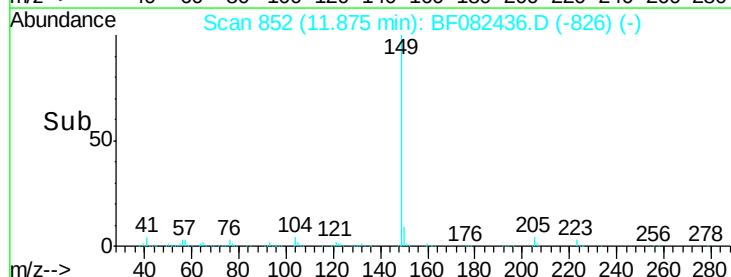
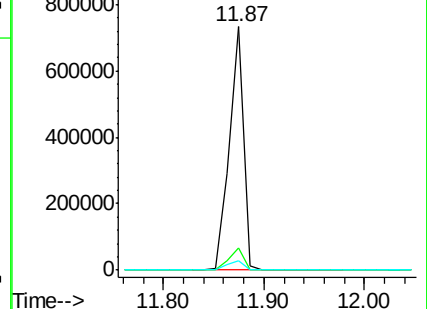
104 3.9 3.8 5.8

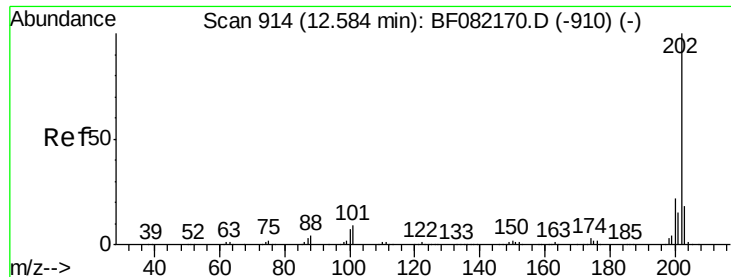


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

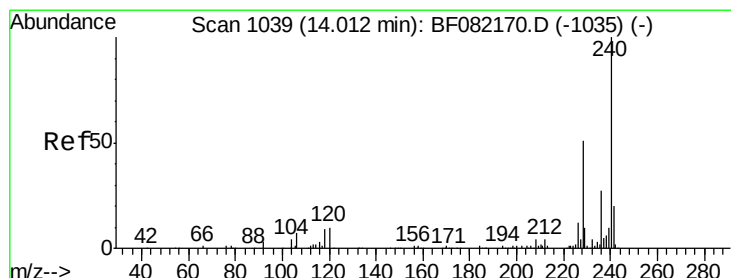
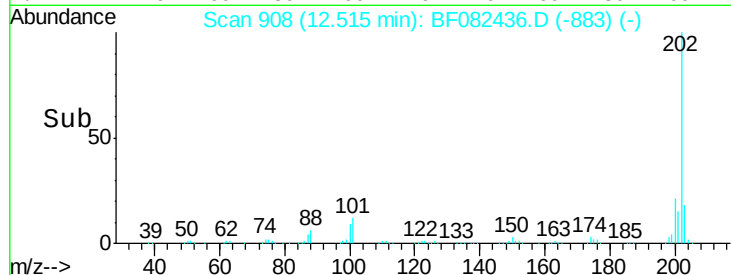
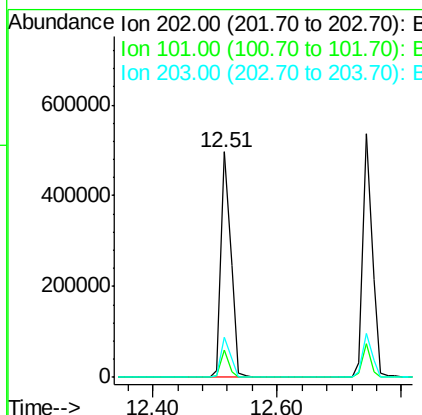
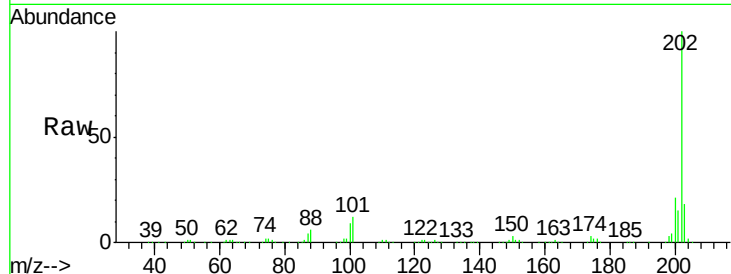




#74
Fluoranthene
Concen: 39.05 ng
RT: 12.51 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

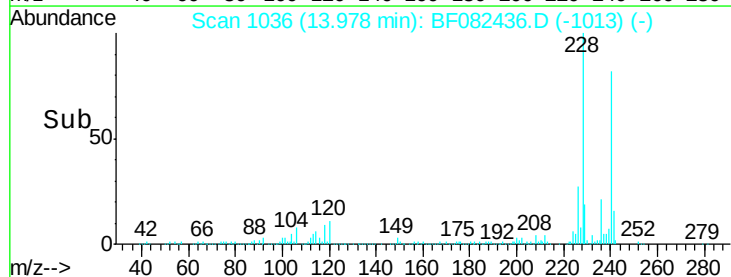
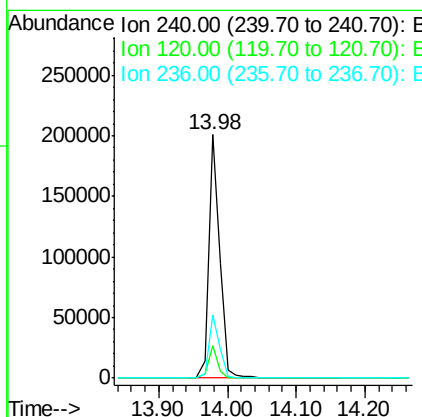
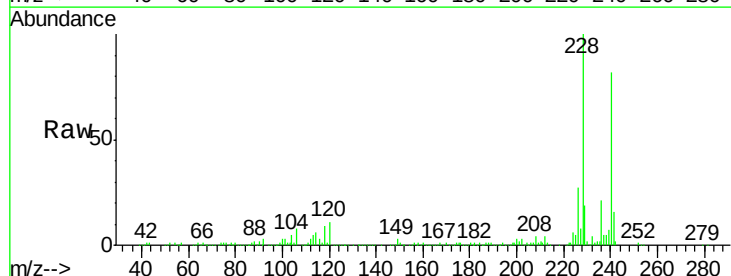
Instrument :
BNA_F
ClientSampleId :
AB-AC-03(0-2)MS

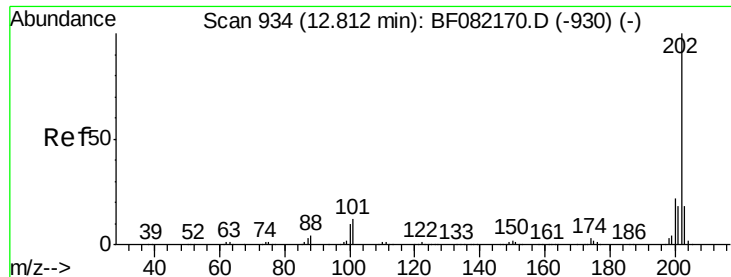
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.3
203	18.0	0.0	37.8



#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	Ratio	Lower	Upper
240	100		
120	13.1	8.1	12.1#
236	25.7	21.3	31.9

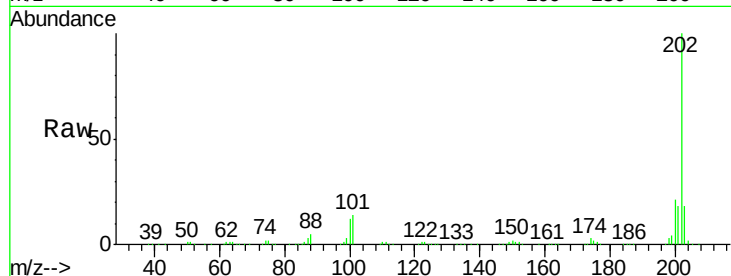




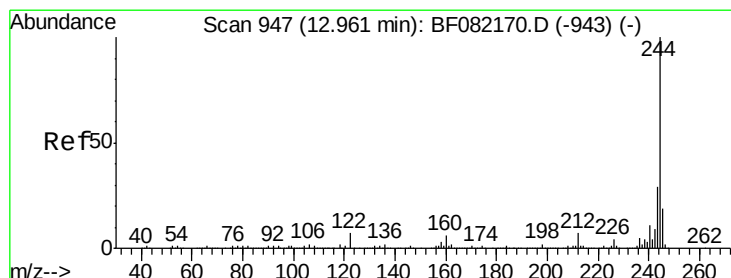
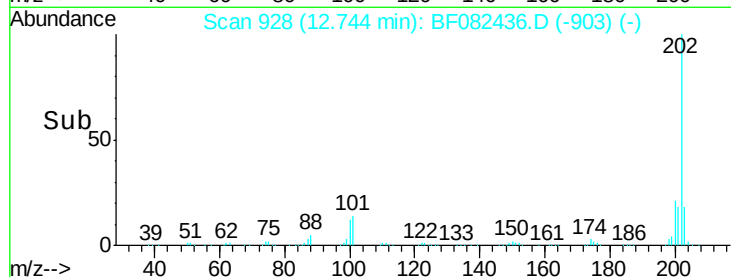
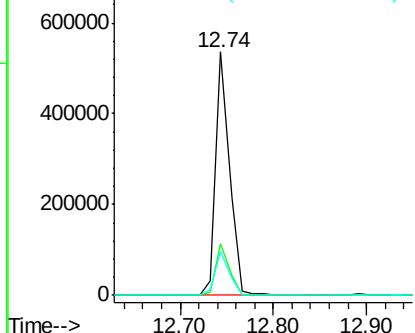
#77
Pvrene
Concen: 41.69 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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

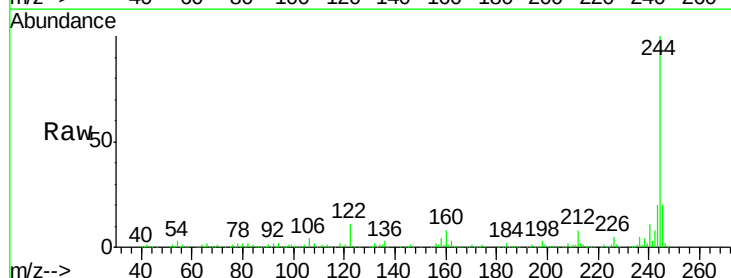


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

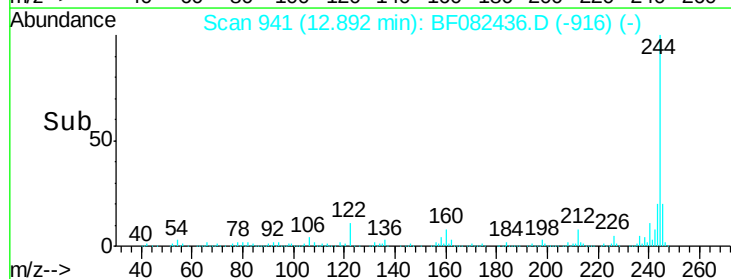
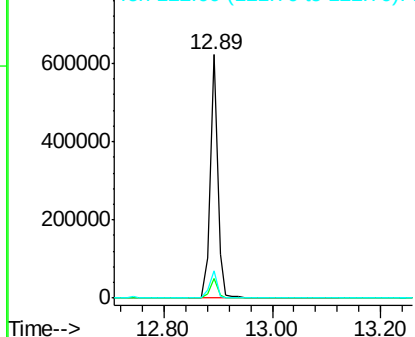


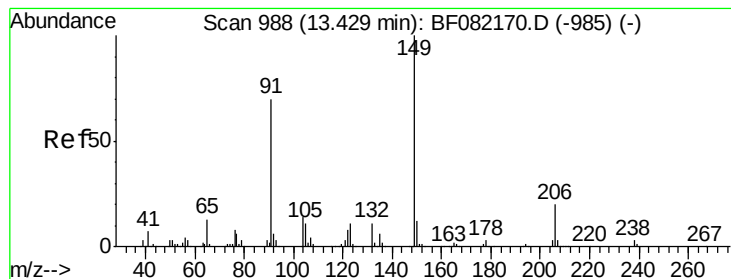
#78
Terphenyl-d14
Concen: 70.92 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082436.D
Acq: 22 Oct 2015 7:30

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#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 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

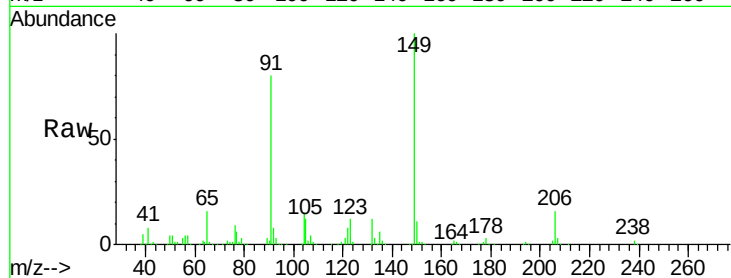
Tot Ion:149 Resp: 252651

Ion Ratio Lower Upper

149 100

91 80.0 55.7 83.5

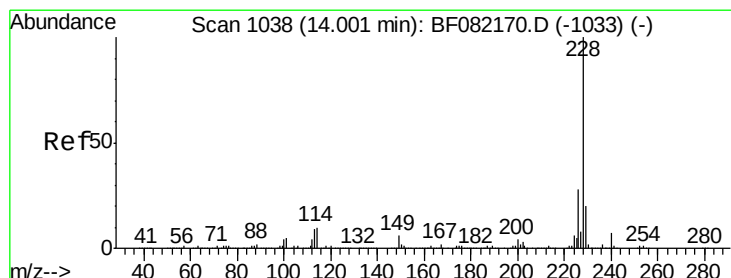
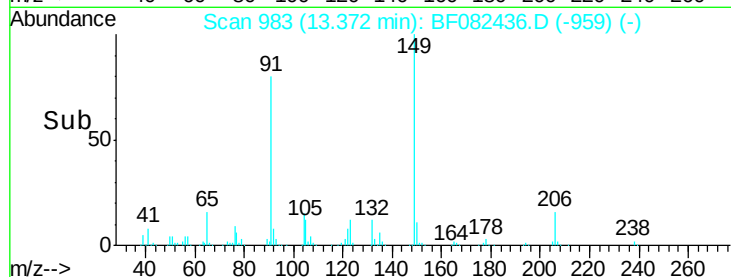
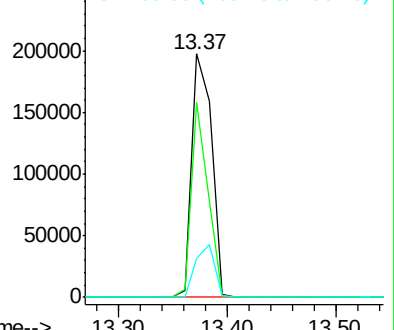
206 16.0 15.6 23.4



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

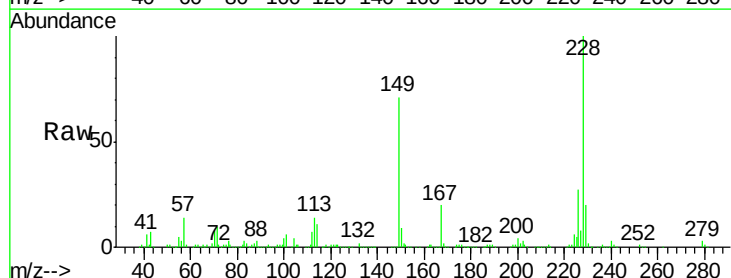
Tgt Ion:228 Resp: 508414

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

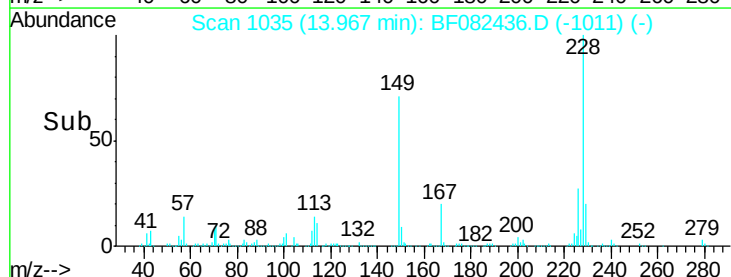
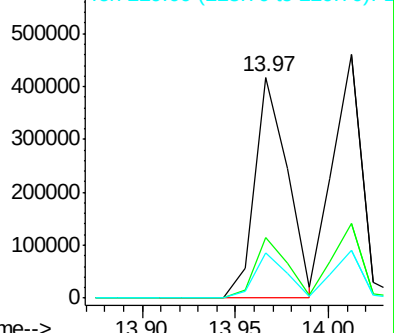
229 20.2 16.2 24.2

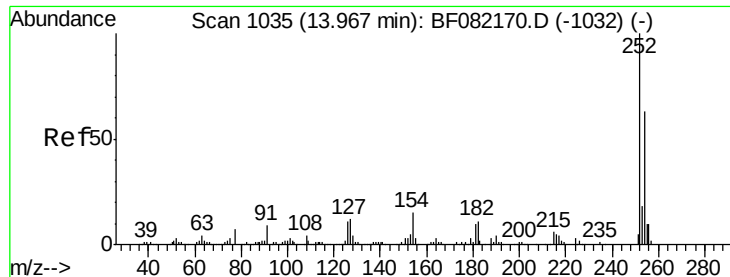


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

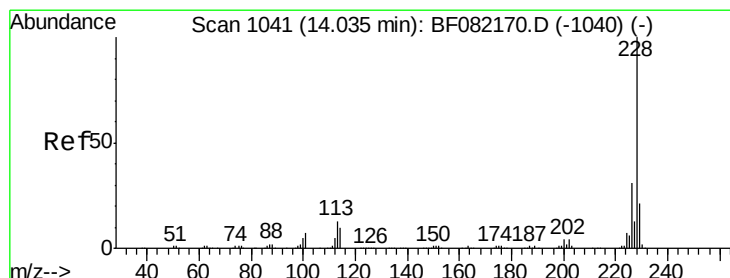
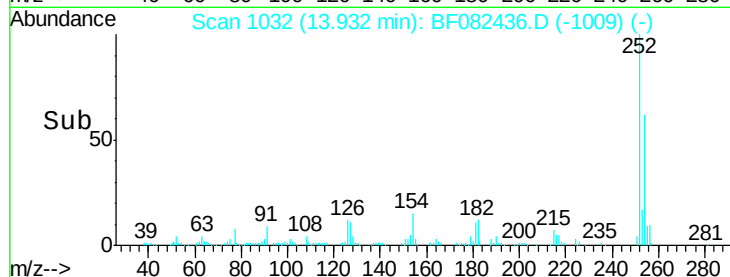
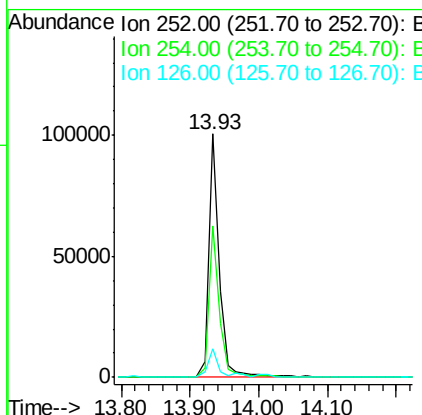
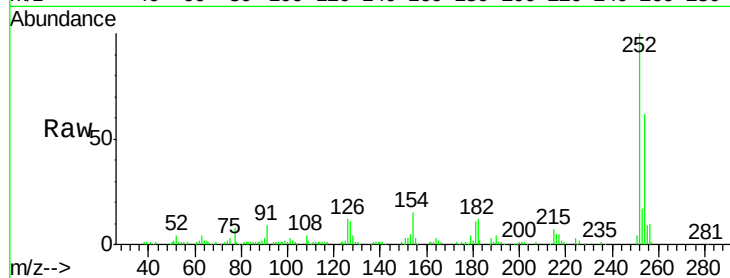




#81
 3,3'-Dichlorobenzidine
 Concen: 24.73 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

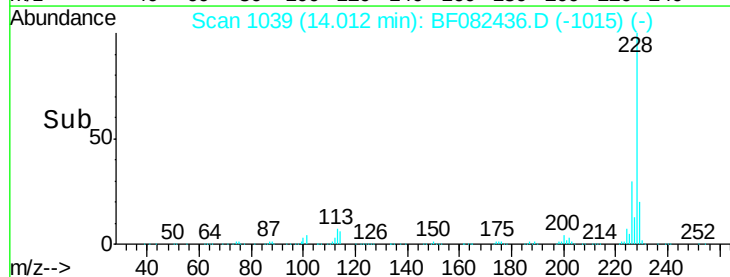
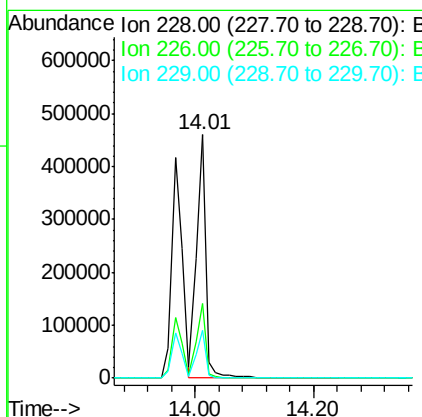
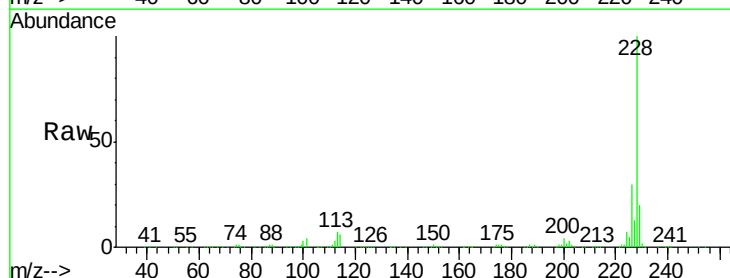
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

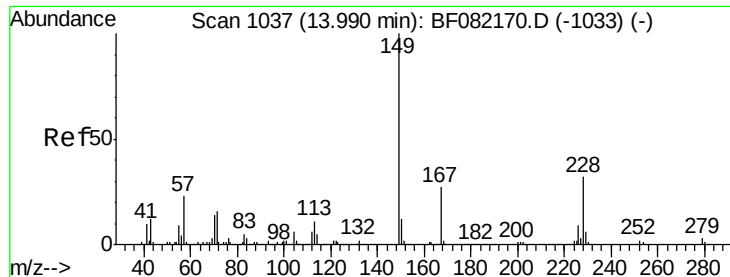
Tot Ion:252 Resp: 108903
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.7 76.1
 126 12.0 9.0 13.6



#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

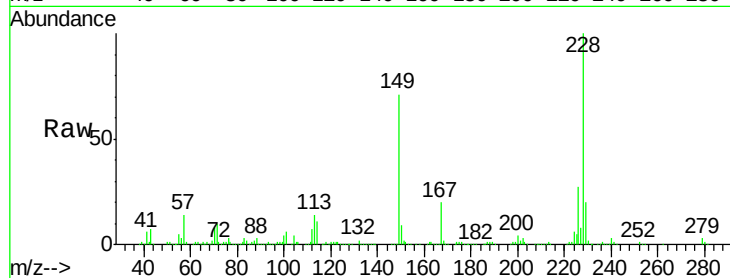
Tot Ion:149 Resp: 374900

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

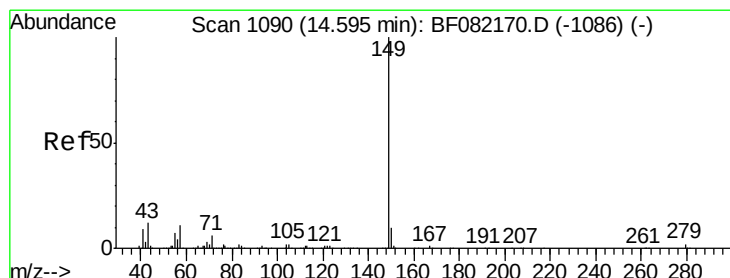
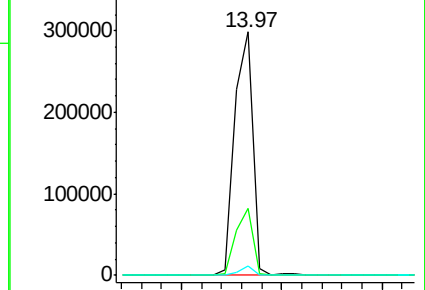
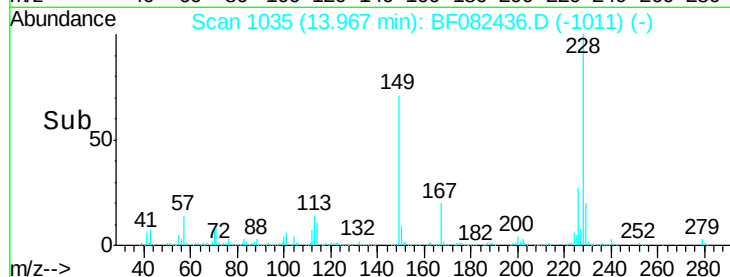
279 3.9 2.6 4.0



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

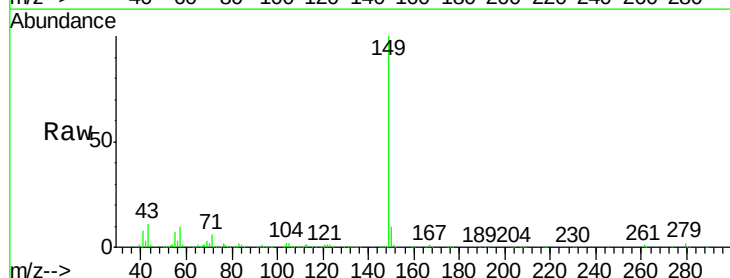
Tgt Ion:149 Resp: 646906

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

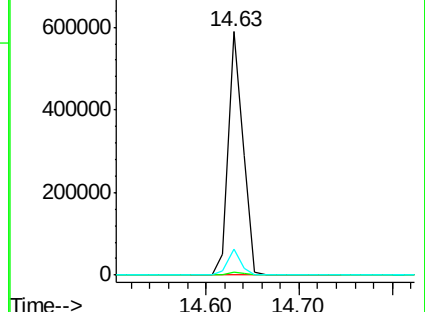
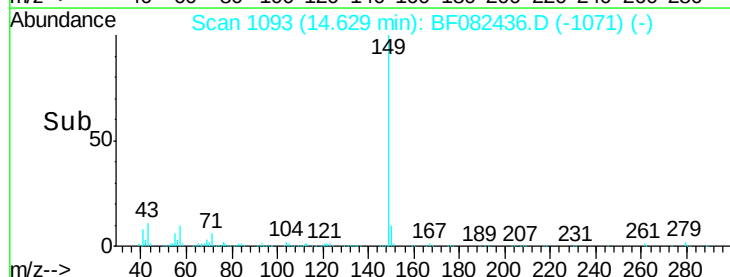
43 9.5 7.4 11.2

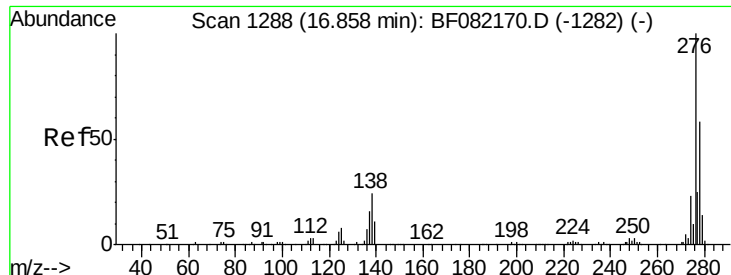


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

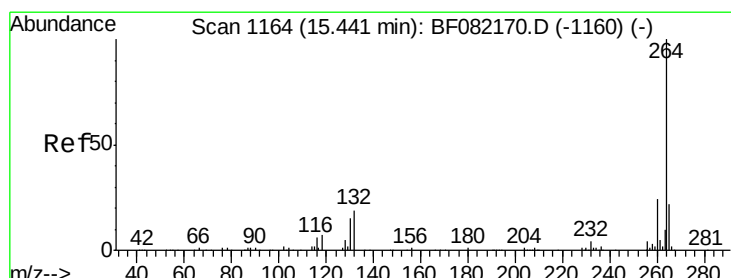
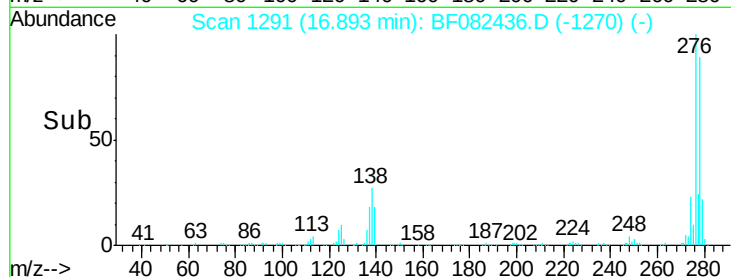
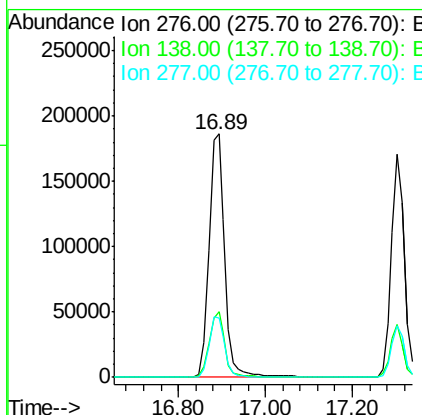
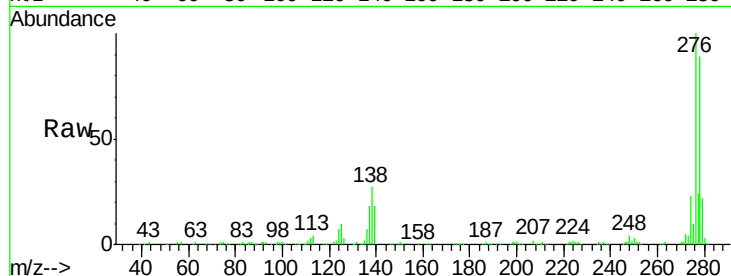




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.14 ng
 RT: 16.89 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF082436.D
 Acq: 22 Oct 2015 7:30

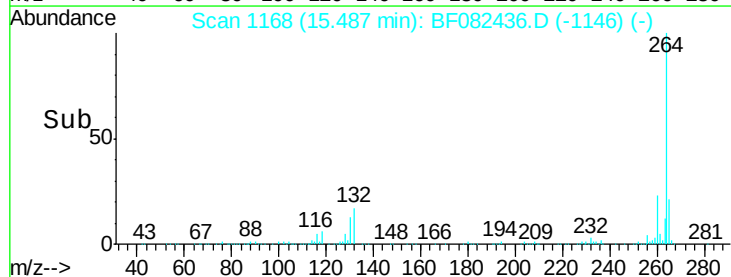
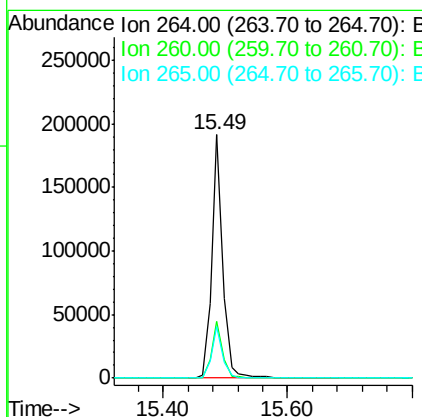
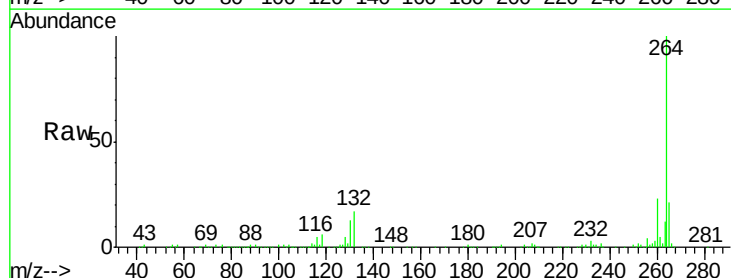
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-03(0-2)MS

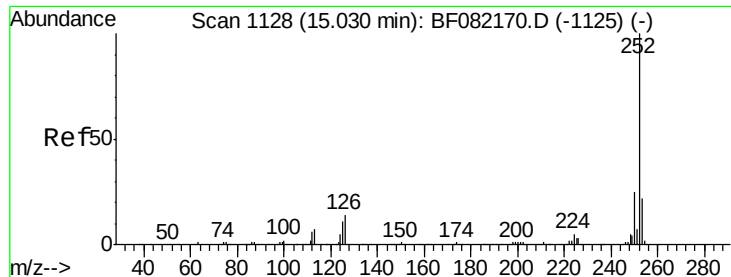
Tot Ion:276 Resp: 477424
 Ion Ratio Lower Upper
 276 100
 138 26.6 19.7 29.5
 277 25.0 20.1 30.1



#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:264 Resp: 230193
 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: 76.41 ng

RT: 15.11 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF082436.D

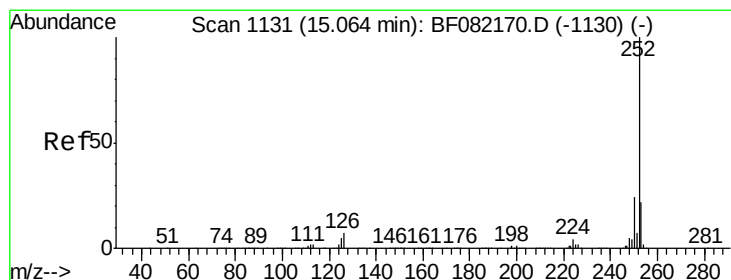
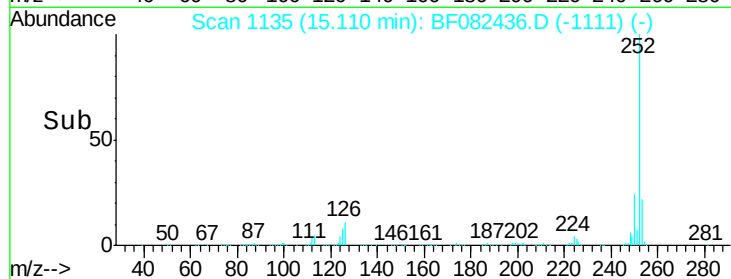
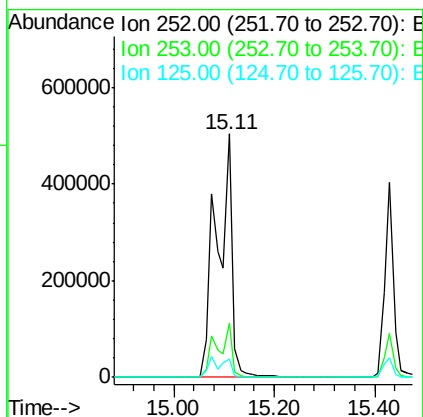
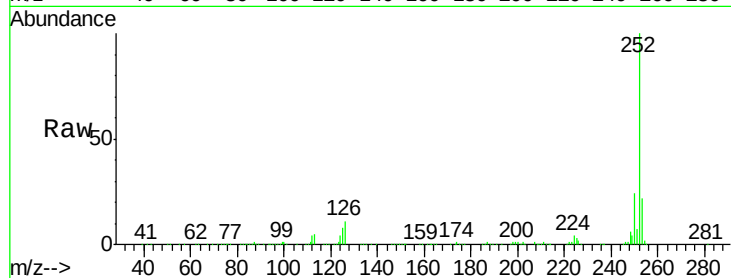
Acq: 22 Oct 2015 7:30

Instrument :
BNA_F

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

Tot Ion:252 Resp: 1070147

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	7.7	8.6	12.8#



#88

Benzo(k)fluoranthene

Concen: 90.91 ng

RT: 15.11 min Scan# 1135

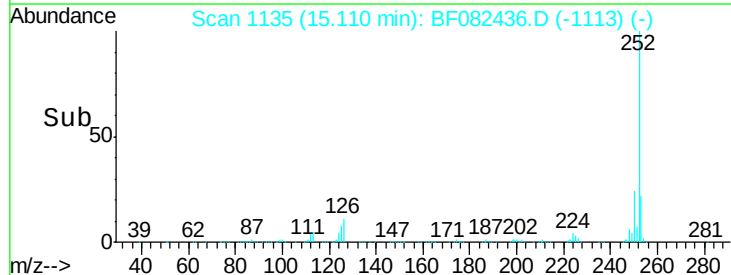
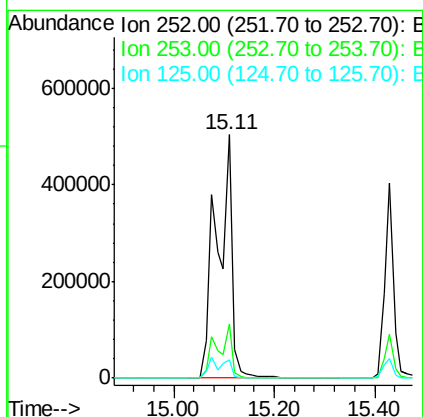
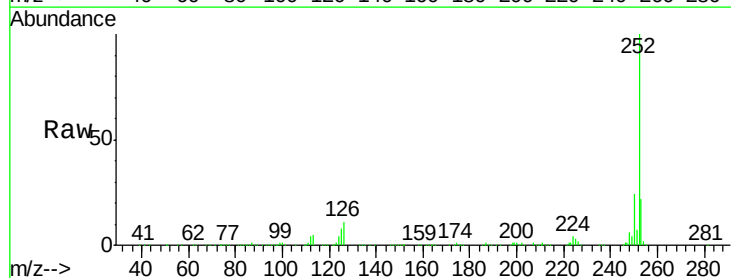
Delta R.T. -0.05 min

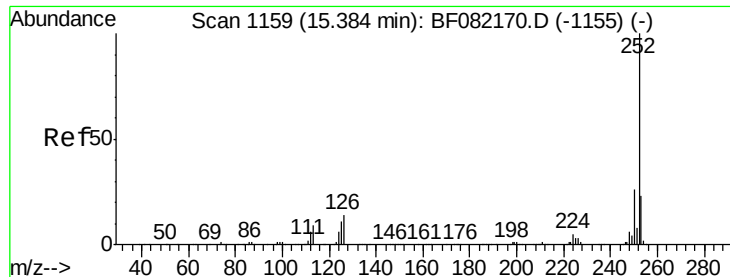
Lab File: BF082436.D

Acq: 22 Oct 2015 7:30

Tgt Ion:252 Resp: 1070147

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.7	6.7	10.1





#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

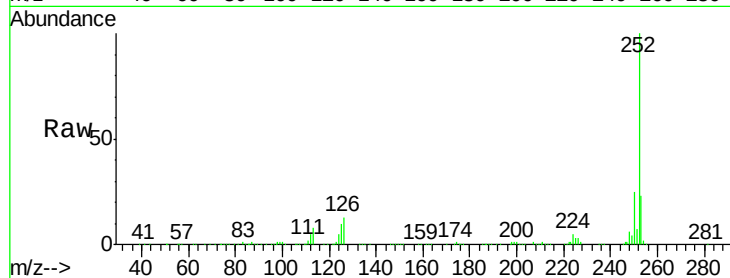
Tot Ion:252 Resp: 498349

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

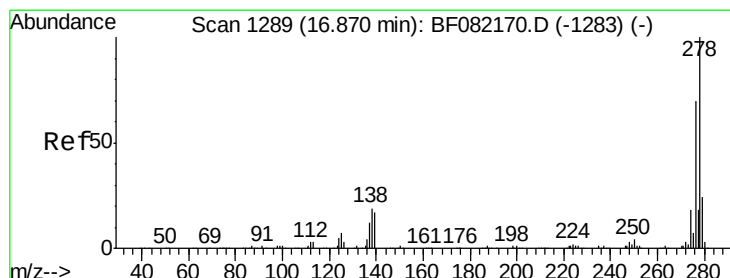
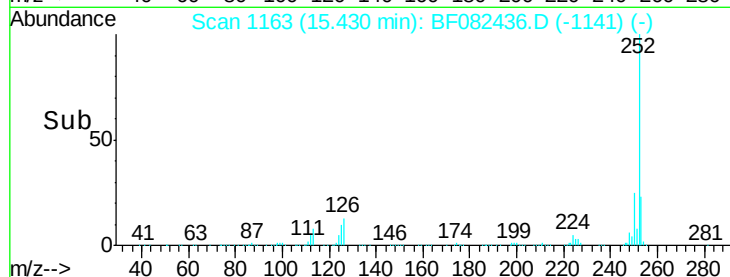
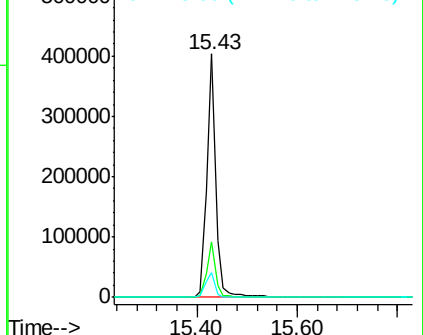
125 10.0 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

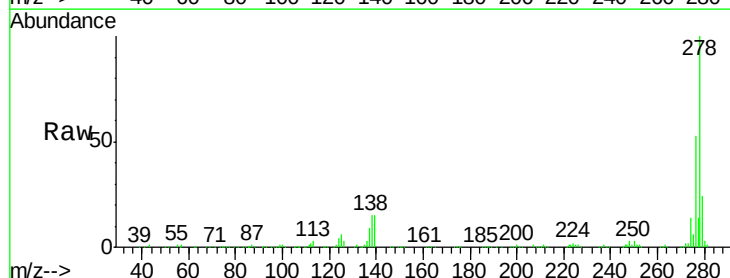
Tgt Ion:278 Resp: 418523

Ion Ratio Lower Upper

278 100

139 14.6 13.3 19.9

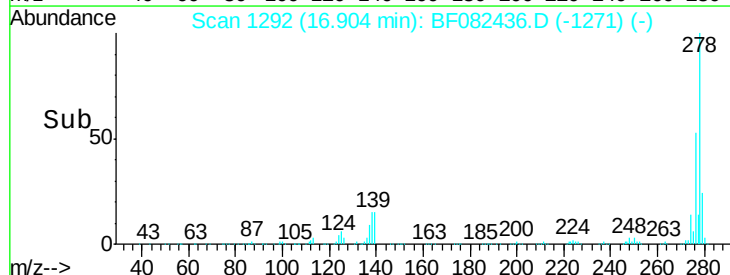
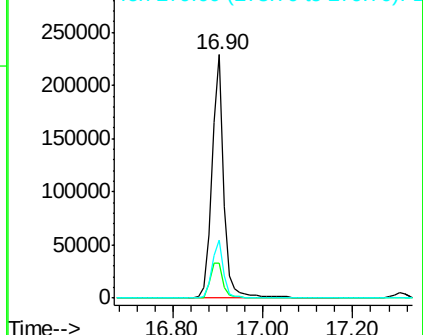
279 23.8 18.9 28.3

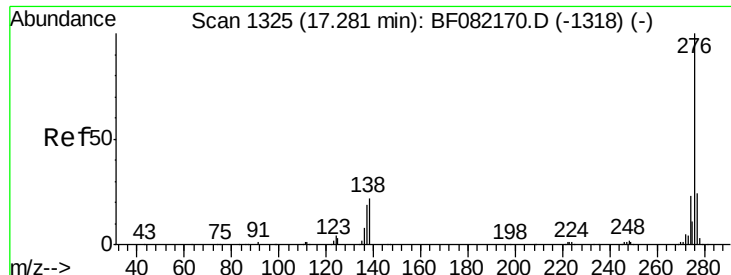


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 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

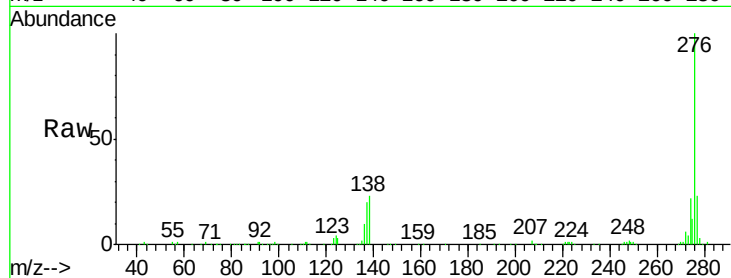
Tot Ion:276 Resp: 365900

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 23.4 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

