

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082264.D
 Acq On : 13 Oct 2015 20:00
 Operator : UM/IZ
 Sample : G3998-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Quant Time: Oct 14 01:20:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75057	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	297853	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	149155	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	289471	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	301919	20.00	ng	-0.10
86) Perylene-d12	15.53	264	269617	20.00	ng	-0.24

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	293799	79.00	ng	0.00
7) Phenol-d6	6.46	99	262238	54.19	ng	-0.01
23) Nitrobenzene-d5	7.39	82	430708	97.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	192976	137.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	889020	98.85	ng	0.00
78) Terphenyl-d14	12.96	244	960803	84.33	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	43209	23.12	ng	99
3) Pyridine	3.17	79	61551	14.16	ng	98
4) n-Nitrosodimethylamine	3.10	42	41495	22.51	ng	96
6) Aniline	6.49	93	95915	15.37	ng	98
8) 2-Chlorophenol	6.61	128	169466	37.33	ng	82
9) Benzaldehyde	6.38	77	104543	42.30	ng	90
10) Phenol	6.47	94	94348	16.91	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	186686	39.56	ng	91
12) 1,3-Dichlorobenzene	6.77	146	212869	40.26	ng	97
13) 1,4-Dichlorobenzene	6.85	146	224103	40.59	ng	98
14) 1,2-Dichlorobenzene	6.99	146	207372	39.55	ng	96
15) Benzyl Alcohol	6.97	79	116258	34.80	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	268692	40.89	ng	98
17) 2-Methylphenol	7.10	107	118810	33.09	ng	95
18) Hexachloroethane	7.34	117	76110	40.27	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	133027	39.14	ng	# 87
20) 3+4-Methylphenols	7.25	107	133157	31.13	ng	# 81
22) Acetophenone	7.25	105	277153	47.04	ng	# 91
24) Nitrobenzene	7.42	77	204672	42.63	ng	97
25) Isophorone	7.66	82	383536	42.84	ng	97
26) 2-Nitrophenol	7.74	139	109720	45.77	ng	95
27) 2,4-Dimethylphenol	7.77	122	153745	39.81	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	233962	44.92	ng	99
29) 2,4-Dichlorophenol	7.98	162	178015	46.11	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	182107	40.92	ng	98
31) Naphthalene	8.14	128	568482	44.03	ng	99
32) Benzoic acid	7.87	122	40879	15.77	ng	99
33) 4-Chloroaniline	8.19	127	53916	10.05	ng	99
34) Hexachlorobutadiene	8.25	225	111739	40.30	ng	98
35) Caprolactam	8.56	113	12735	11.37	ng	# 75
36) 4-Chloro-3-methylphenol	8.67	107	164223	43.50	ng	100
37) 2-Methylnaphthalene	8.83	142	401794	44.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	181849	40.99	ng	98
40) Hexachlorocyclopentadiene	8.98	237	160511	72.38	ng	99

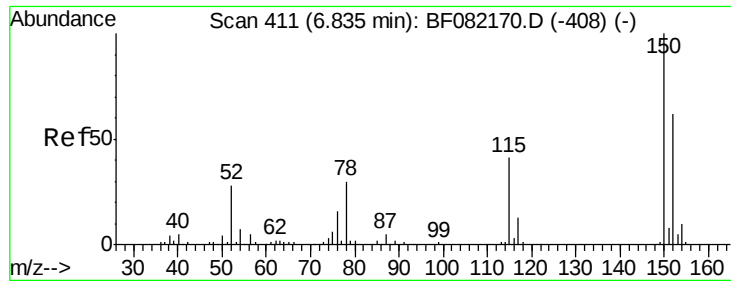
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	116296	39.47	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	139336	43.65	nq	98
45) 1,1'-Biphenyl	9.30	154	475783	41.83	nq	94
46) 2-Chloronaphthalene	9.33	162	400971	44.78	nq	99
47) 2-Nitroaniline	9.43	65	117763	47.91	nq	# 67
48) Acenaphthylene	9.74	152	607736	43.57	nq	100
49) Dimethylphthalate	9.60	163	437223	41.63	nq	100
50) 2,6-Dinitrotoluene	9.67	165	107065	48.31	nq	95
51) Acenaphthene	9.91	154	352795	42.13	nq	99
52) 3-Nitroaniline	9.84	138	36165	14.45	nq	96
53) 2,4-Dinitrophenol	9.94	184	95749	77.53	nq	# 77
54) Dibenzofuran	10.08	168	520330	45.26	nq	98
55) 4-Nitrophenol	10.01	139	61431	43.36	nq	96
56) 2,4-Dinitrotoluene	10.07	165	124928	45.10	nq	# 86
57) Fluorene	10.42	166	415092	43.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	117709	45.13	nq	93
59) Diethylphthalate	10.30	149	428625	43.78	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	193387	44.71	nq	# 80
61) 4-Nitroaniline	10.46	138	104360	42.98	nq	96
62) Azobenzene	10.58	77	430067	44.88	nq	83
64) 4,6-Dinitro-2-methylphenol	10.48	198	73548	45.27	nq	89
65) n-Nitrosodiphenylamine	10.54	169	349360	40.31	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	121510	41.94	nq	# 88
67) Hexachlorobenzene	10.97	284	141473	45.15	nq	# 89
68) Atrazine	11.07	200	130525	47.54	nq	95
69) Pentachlorophenol	11.17	266	135815	84.24	nq	97
70) Phenanthrene	11.38	178	657080	46.31	nq	99
71) Anthracene	11.44	178	695690	47.58	nq	99
72) Carbazole	11.60	167	625956	46.93	nq	99
73) Di-n-butylphthalate	11.93	149	710987	43.21	nq	98
74) Fluoranthene	12.58	202	738771	48.48	nq	97
76) Benzidine	12.71	184	78181	8.94	nq	99
77) Pyrene	12.81	202	777348	43.38	nq	99
79) Butylbenzylphthalate	13.44	149	311332	38.08	nq	# 80
80) Benzo(a)anthracene	14.02	228	673565	42.88	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	143737	24.11	nq	# 97
82) Chrysene	14.06	228	640998	38.73	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	404236	34.65	nq	100
84) Di-n-octyl phthalate	14.68	149	709195	35.40	nq	100
85) Indeno(1,2,3-cd)pyrene	16.96	276	584016	44.39	nq	99
87) Benzo(b)fluoranthene	15.12	252	713804	43.52	nq	# 96
88) Benzo(k)fluoranthene	15.12	252	713804	51.77	nq	98
89) Benzo(a)pyrene	15.48	252	621301	44.07	nq	99
90) Dibenzo(a,h)anthracene	16.98	278	485056	41.99	nq	99
91) Benzo(g,h,i)perylene	17.40	276	468535	41.75	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

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IM-MLA-(1.5-03)MS

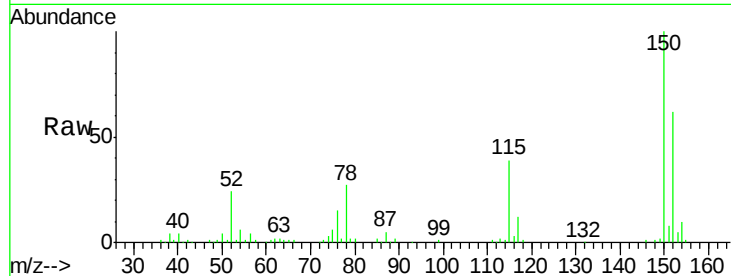
Tot Ion:152 Resp: 75057

Ion Ratio Lower Upper

152 100

150 160.2 129.0 193.4

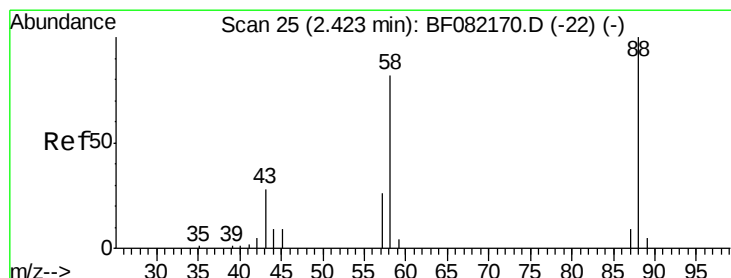
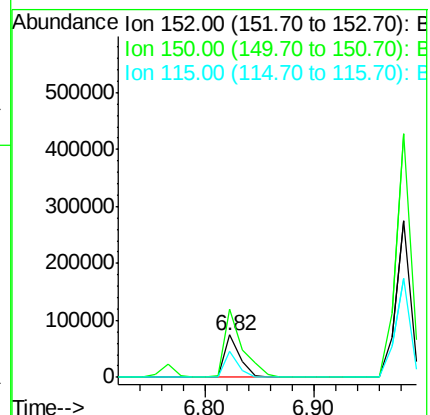
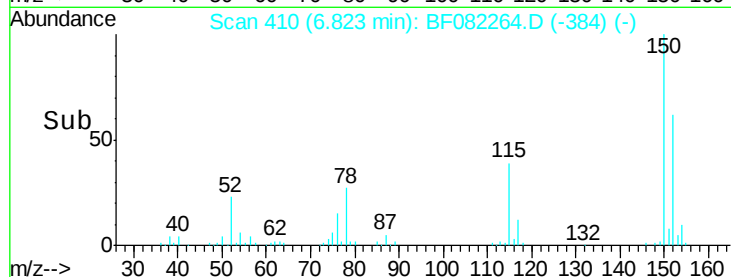
115 62.1 52.1 78.1



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: 23.12 ng

RT: 2.43 min Scan# 26

Delta R.T. 0.06 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

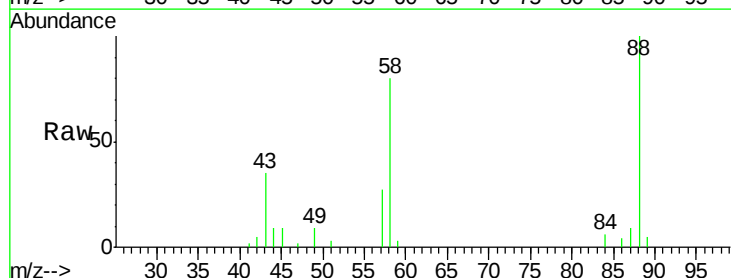
Tgt Ion: 88 Resp: 43209

Ion Ratio Lower Upper

88 100

58 83.6 66.2 99.4

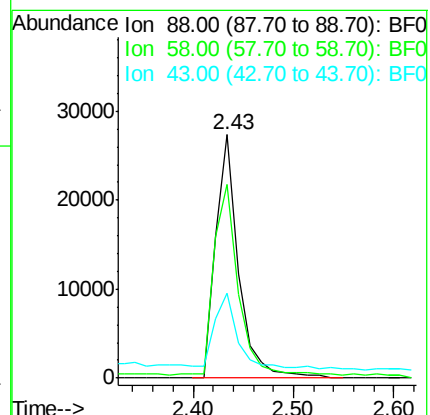
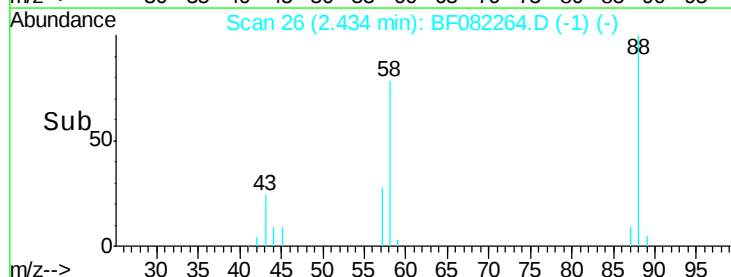
43 29.3 23.0 34.4

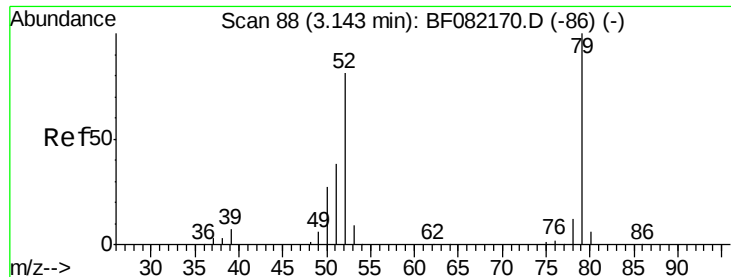


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.16 ng

RT: 3.17 min Scan# 90

Delta R.T. 0.07 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

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IM-MLA-(1.5-03)MS

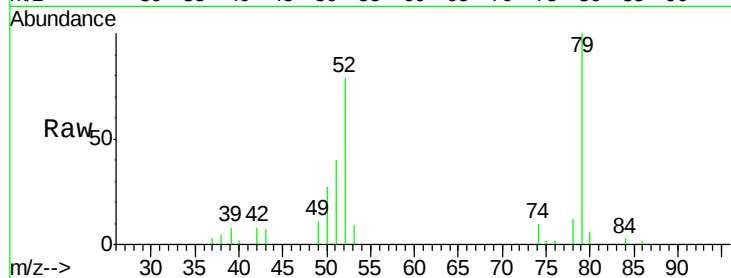
Tot Ion: 79 Resp: 61551

Ion Ratio Lower Upper

79 100

52 78.8 64.4 96.6

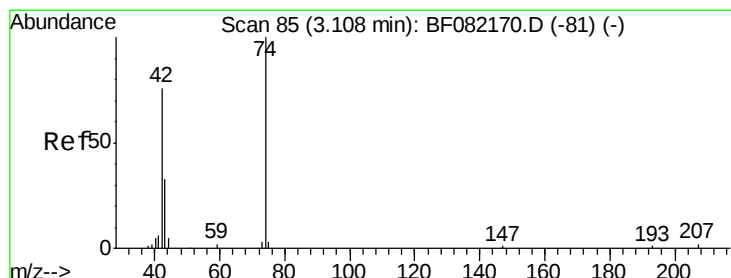
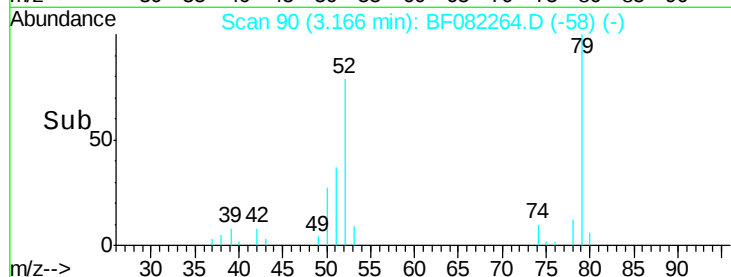
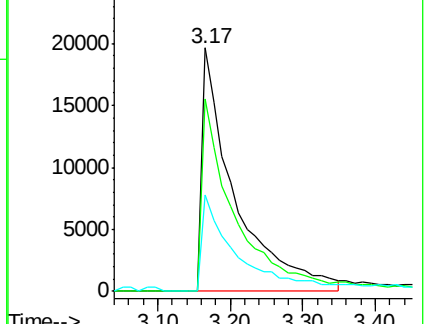
51 39.6 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 22.51 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.03 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

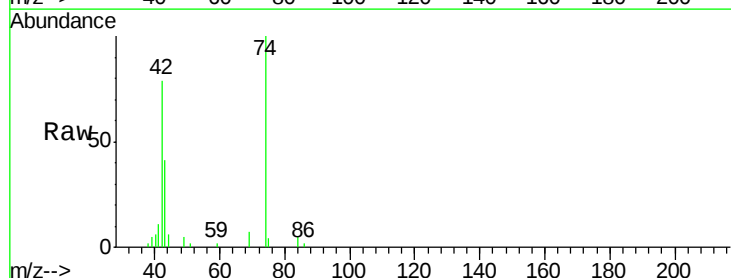
Tgt Ion: 42 Resp: 41495

Ion Ratio Lower Upper

42 100

74 127.0 105.7 158.5

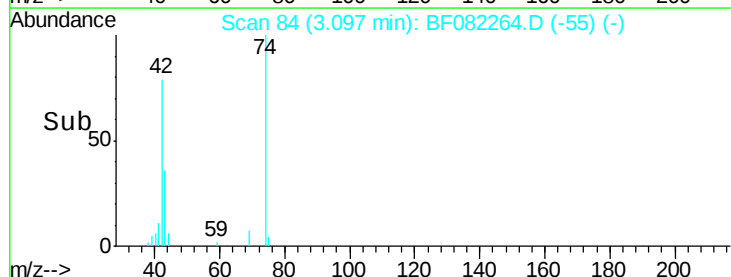
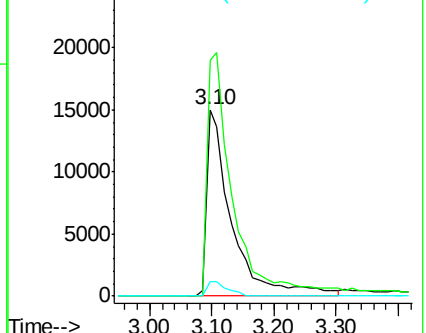
44 8.0 5.4 8.2



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: 79.00 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

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ClientSampleId :

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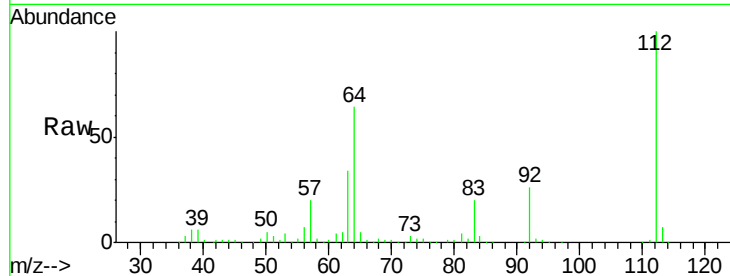
Tot Ion:112 Resp: 293799

Ion Ratio Lower Upper

112 100

64 64.2 48.6 73.0

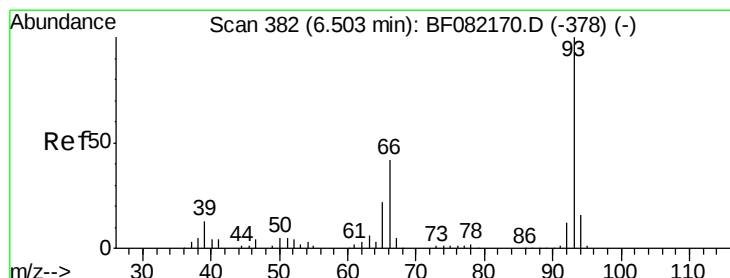
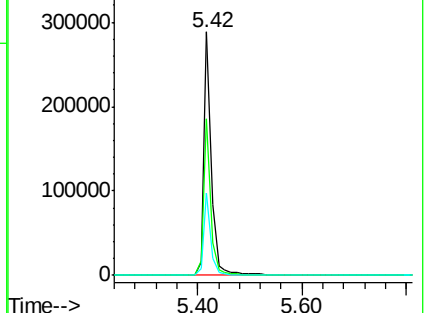
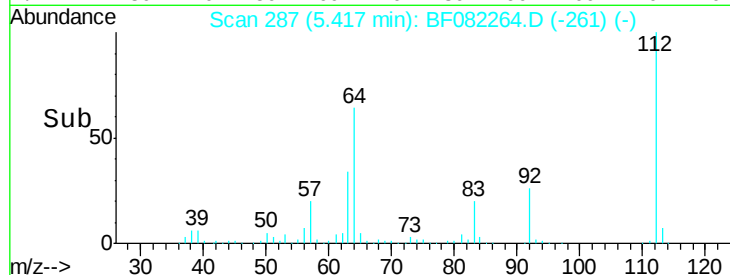
63 33.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.37 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

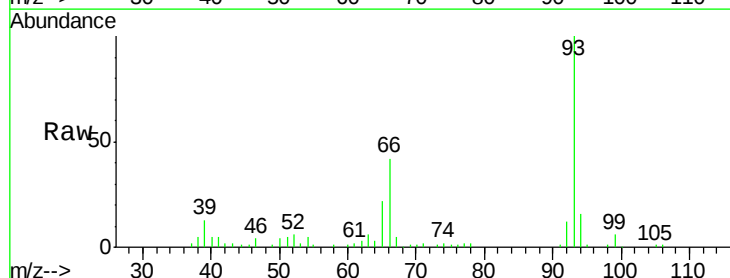
Tgt Ion: 93 Resp: 95915

Ion Ratio Lower Upper

93 100

66 41.6 34.2 51.2

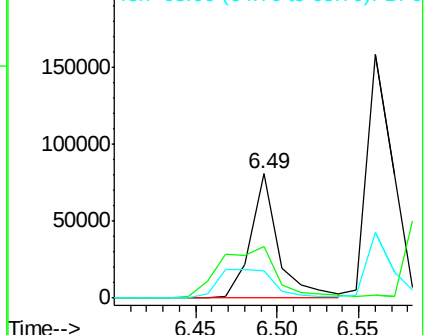
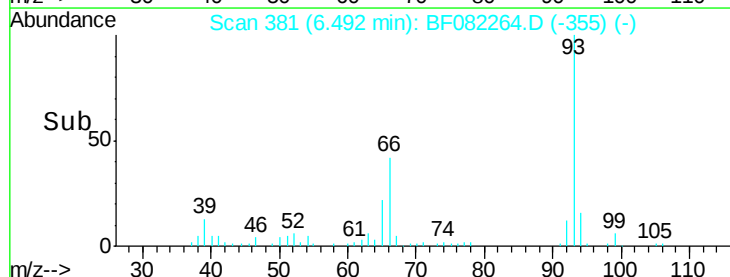
65 21.9 17.9 26.9



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: 54.19 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082264.D

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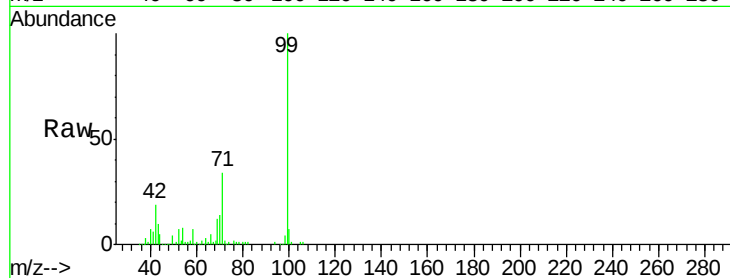
Tot Ion: 99 Resp: 262238

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

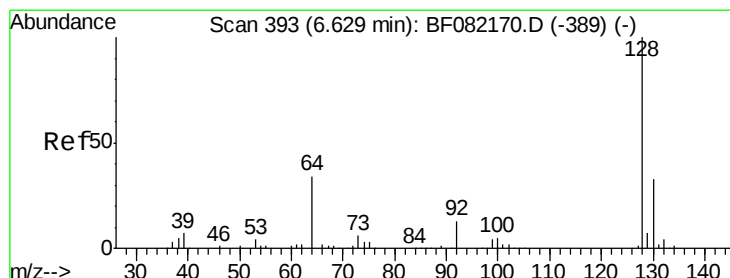
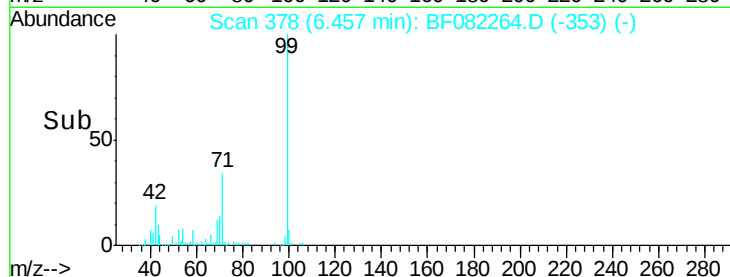
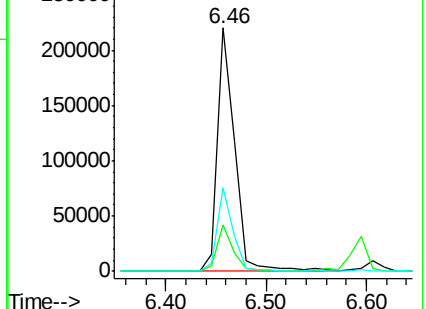
71 34.4 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.33 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

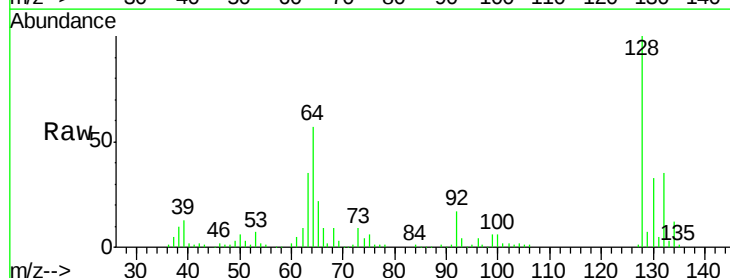
Tgt Ion: 128 Resp: 169466

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

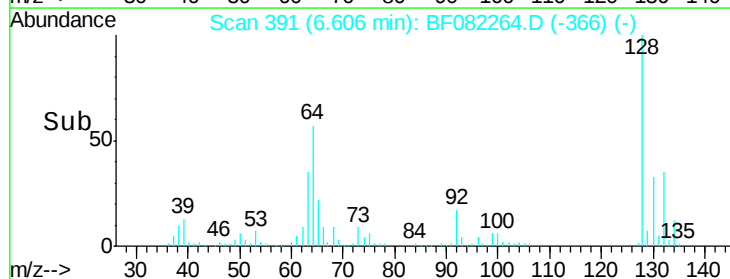
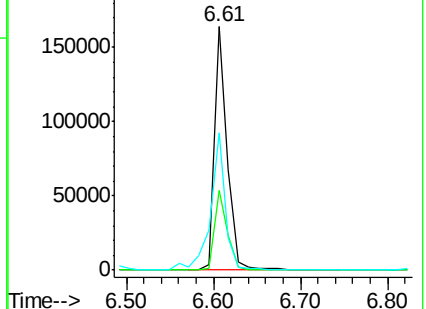
64 56.6 16.7 56.7

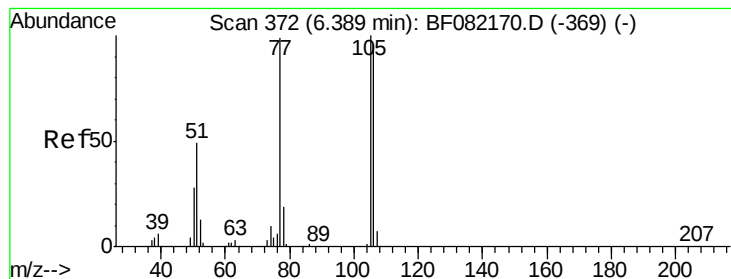


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.30 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

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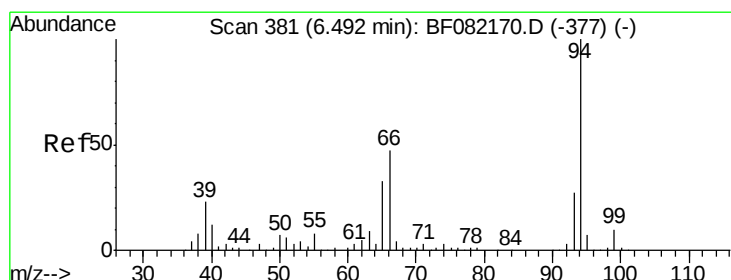
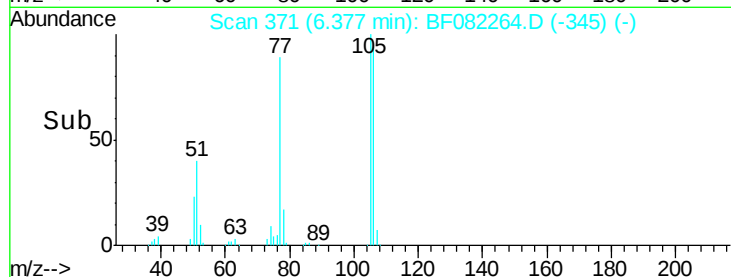
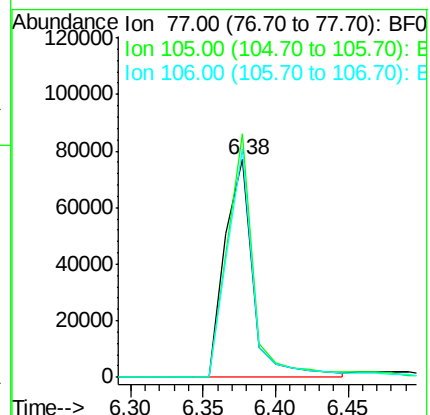
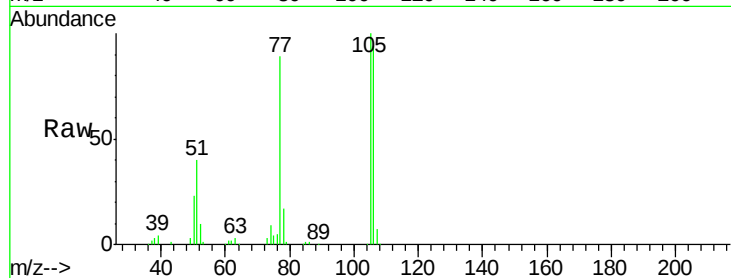
Tot Ion: 77 Resp: 104543

Ion Ratio Lower Upper

77 100

105 111.8 80.6 120.6

106 104.8 75.5 115.5



#10

Phenol

Concen: 16.91 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

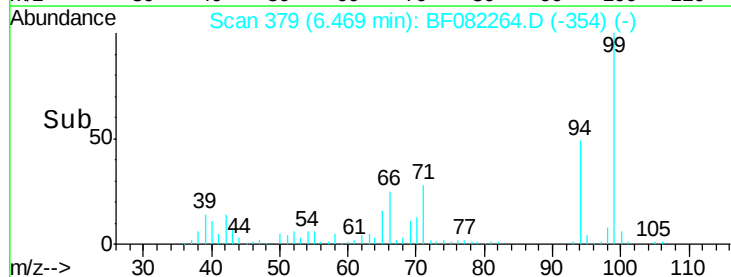
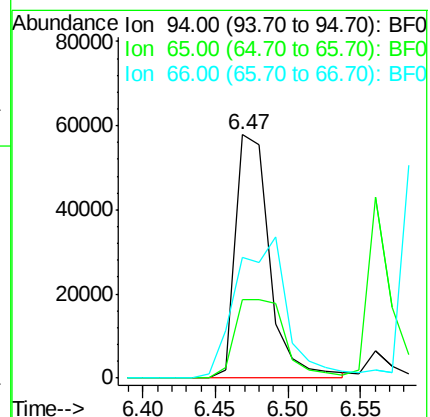
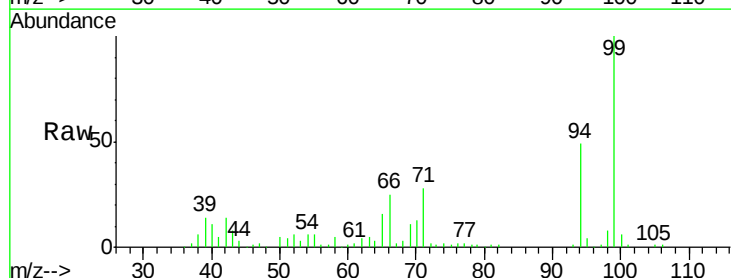
Tgt Ion: 94 Resp: 94348

Ion Ratio Lower Upper

94 100

65 32.2 12.6 52.6

66 49.8 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 39.56 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

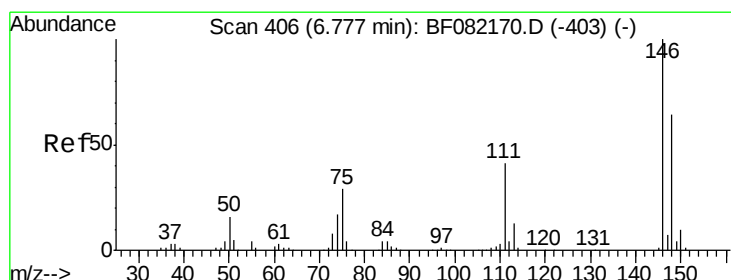
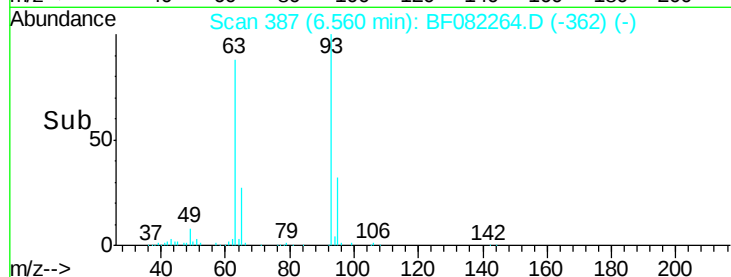
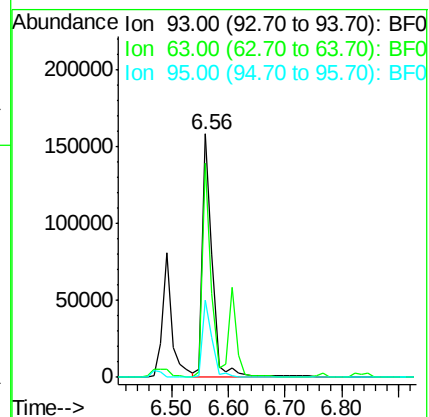
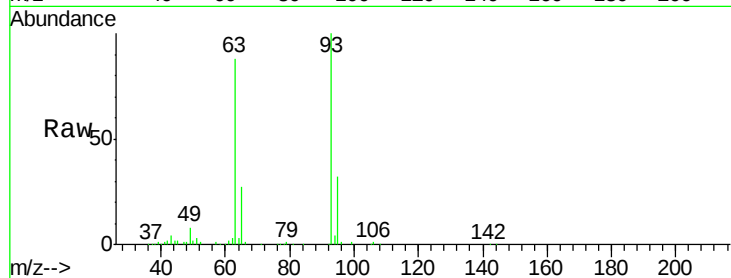
Tot Ion: 93 Resp: 186686

Ion Ratio Lower Upper

93 100

63 88.2 57.1 97.1

95 31.9 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 40.26 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

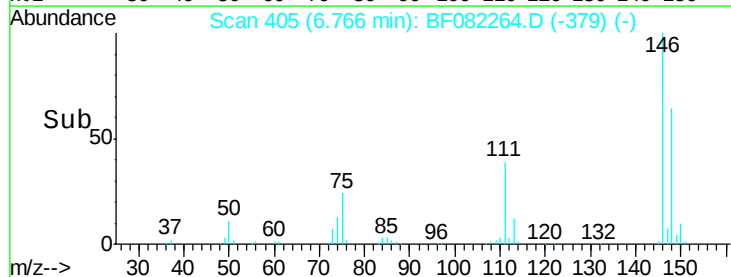
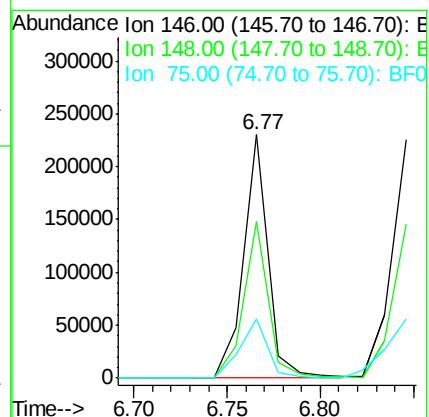
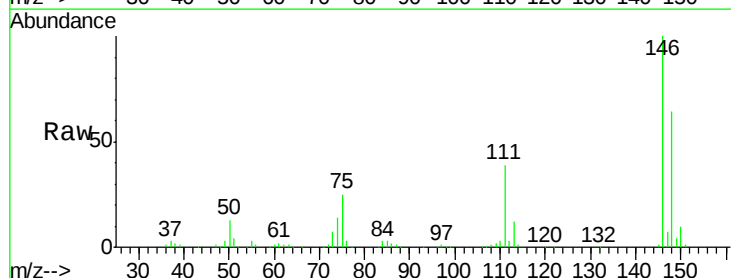
Tgt Ion: 146 Resp: 212869

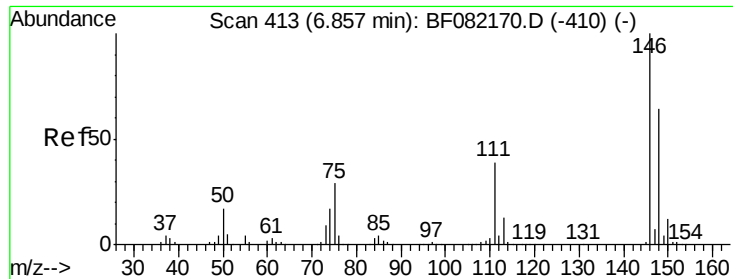
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

75 24.6 23.0 34.6

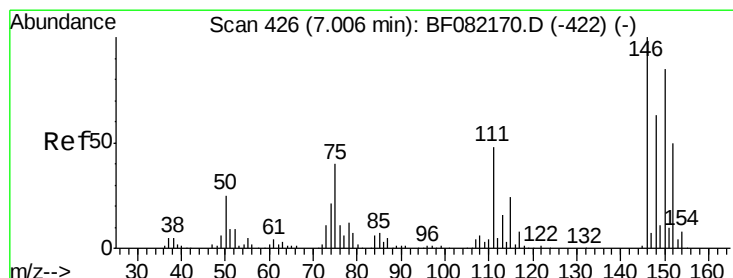
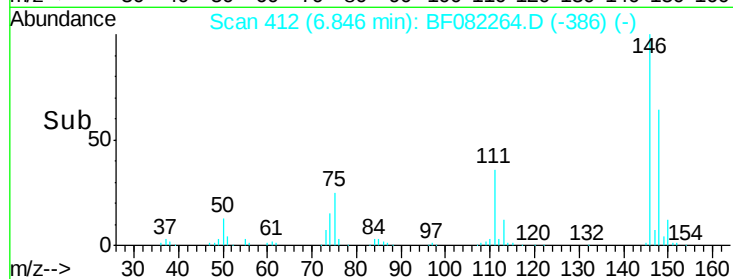
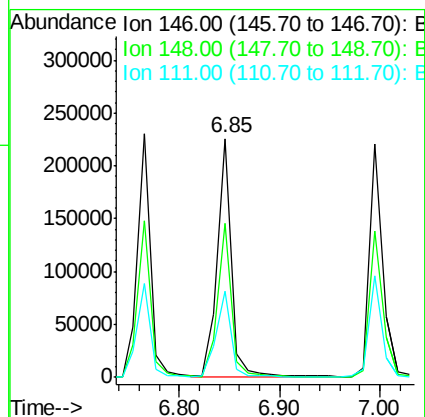
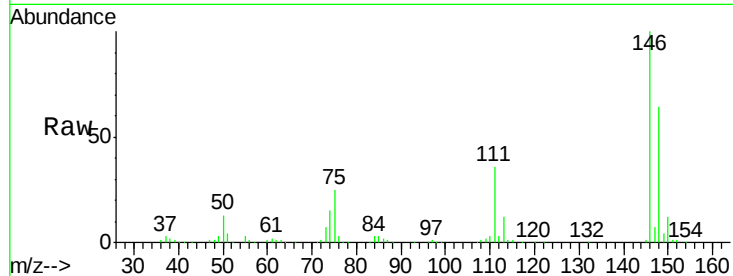




#13
 1,4-Dichlorobenzene
 Concen: 40.59 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

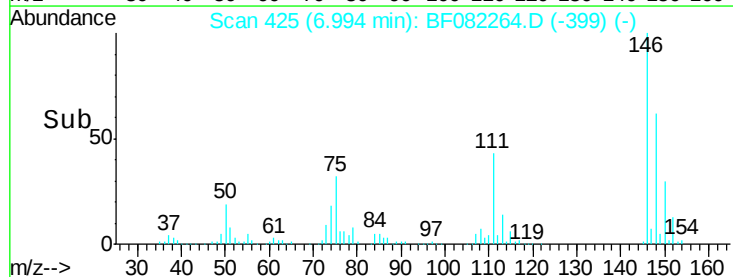
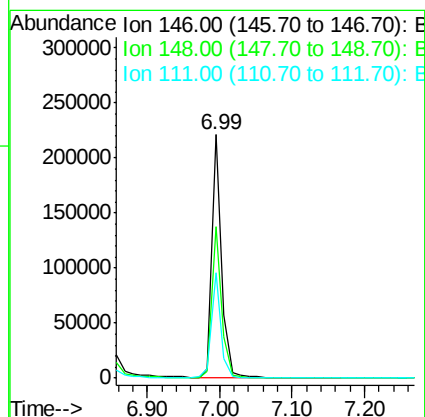
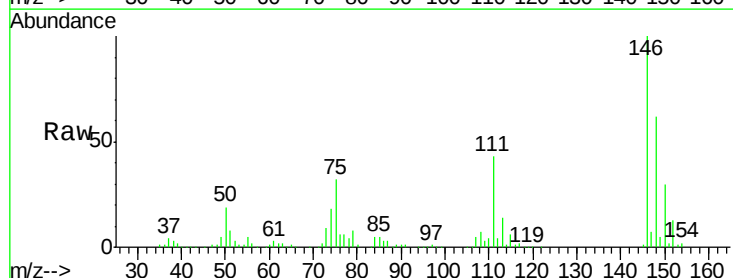
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

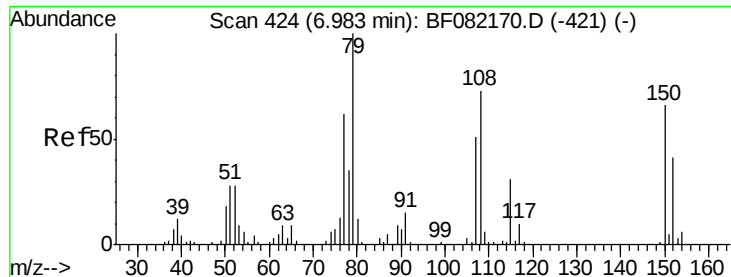
Tot Ion:146 Resp: 224103
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.4
 111 36.1 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 39.55 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion:146 Resp: 207372
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.5 75.7
 111 43.4 38.5 57.7





#15

Benzyl Alcohol

Concen: 34.80 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

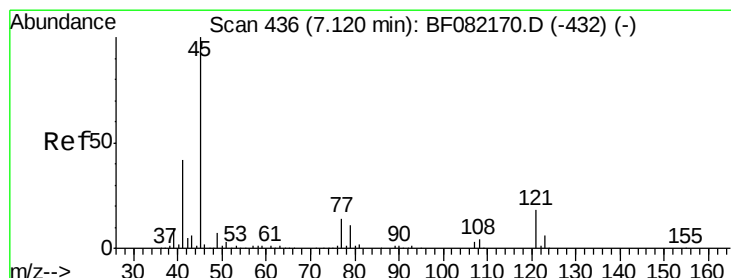
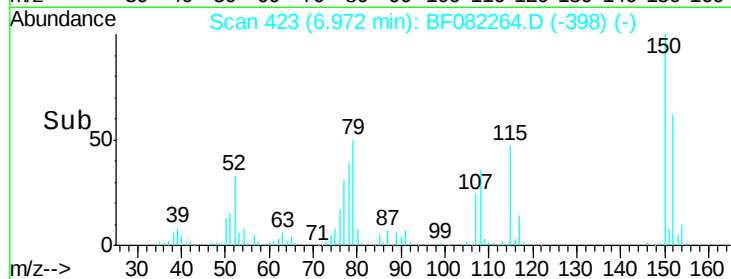
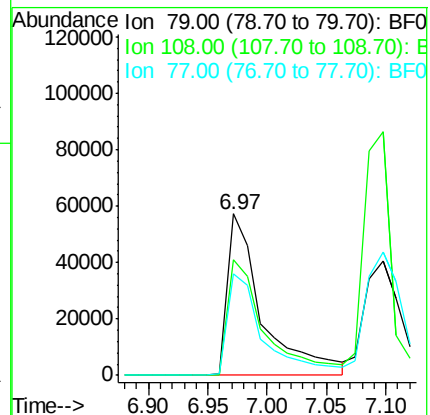
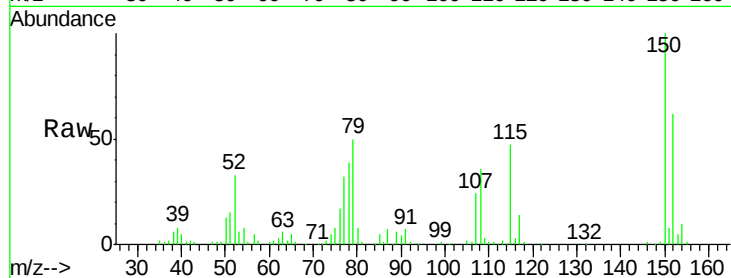
Tot Ion: 79 Resp: 116258

Ion Ratio Lower Upper

79 100

108 71.3 58.4 87.6

77 62.8 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.89 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

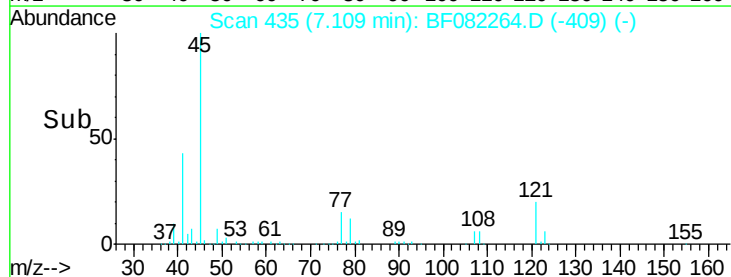
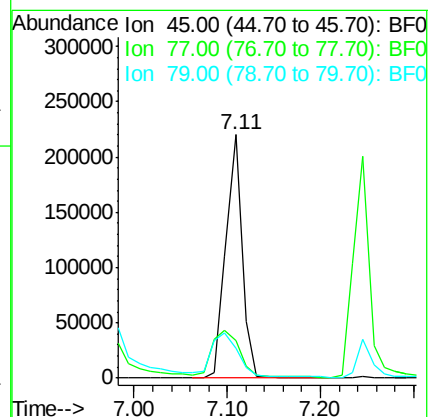
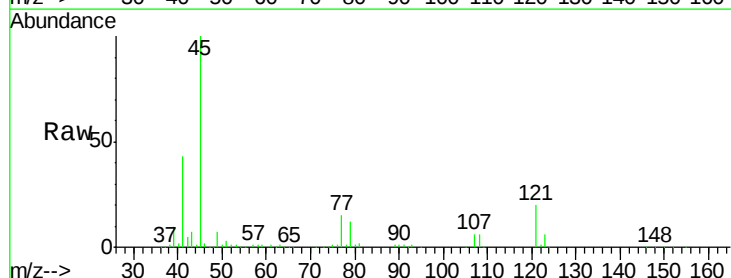
Tgt Ion: 45 Resp: 268692

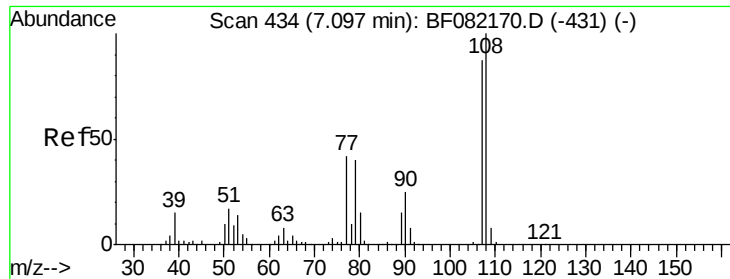
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.5

79 12.5 0.0 31.6





#17

2-Methylphenol

Concen: 33.09 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

Tot Ion:107 Resp: 118810

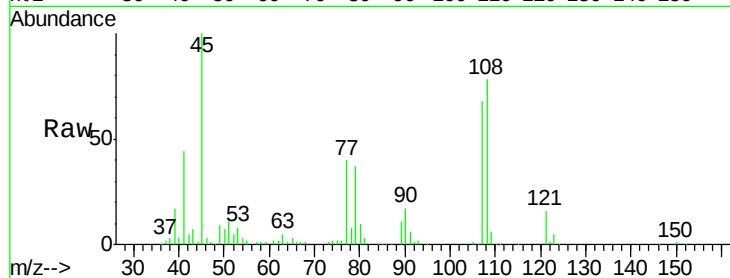
Ion Ratio Lower Upper

107 100

108 114.7 92.2 138.2

77 58.0 39.6 59.4

79 53.6 38.2 57.4

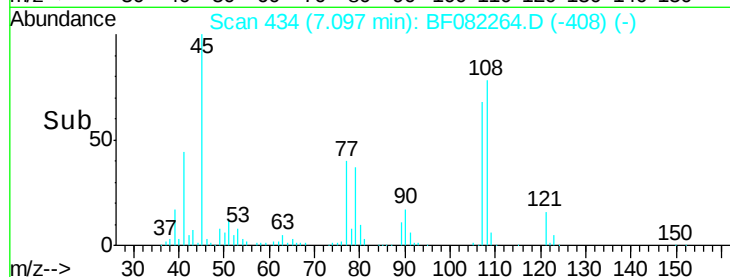


Abundance Ion 107.00 (106.70 to 107.70): E

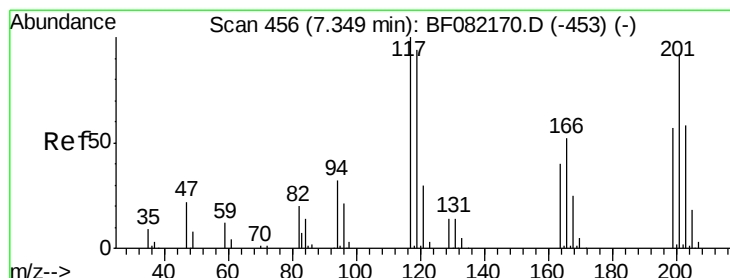
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time--> 7.00 7.10 7.20



#18

Hexachloroethane

Concen: 40.27 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

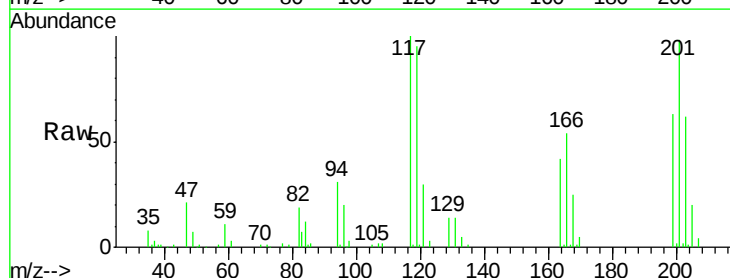
Tgt Ion:117 Resp: 76110

Ion Ratio Lower Upper

117 100

119 94.9 75.4 113.2

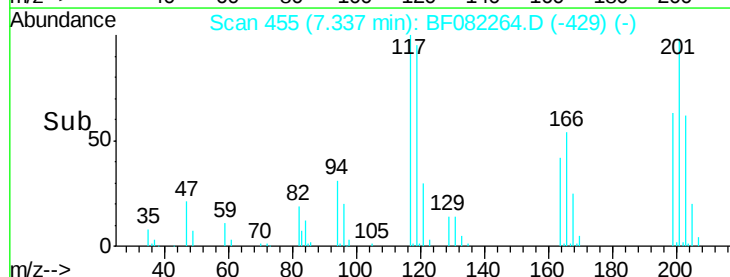
201 98.3 73.4 110.0



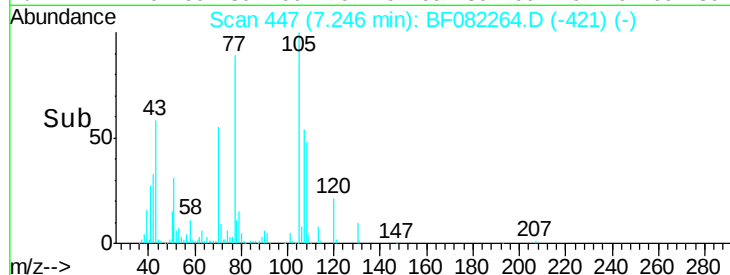
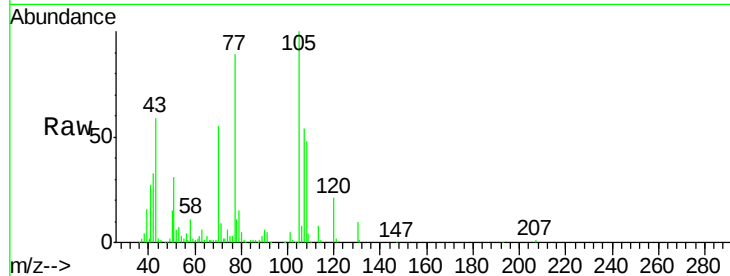
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



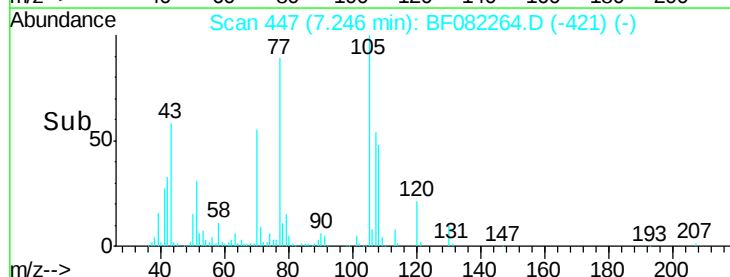
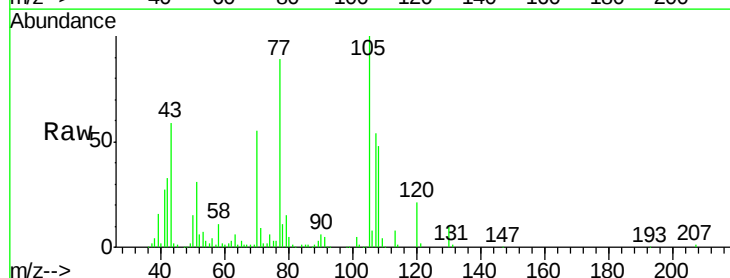
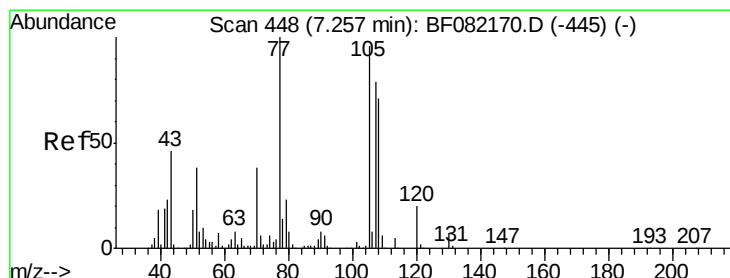
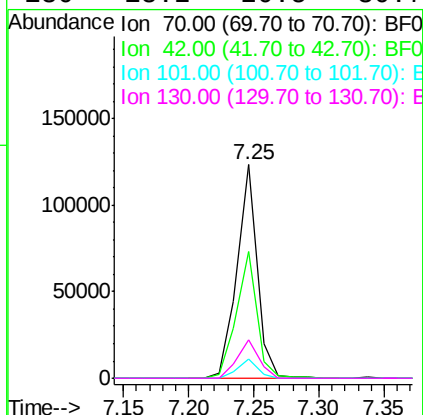
Time--> 7.30 7.35



#19
n-Nitroso-di-n-propylamine
Concen: 39.14 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

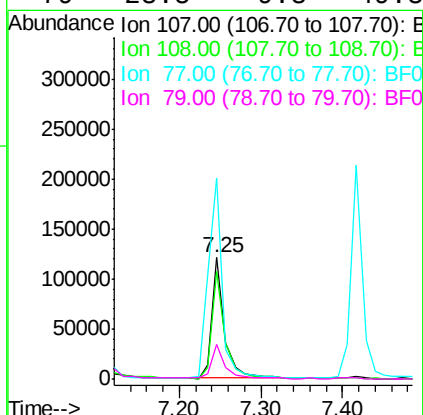
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.5	39.8	59.8
101	8.8	8.6	13.0
130	18.2	20.5	30.7#



#20
3+4-Methylphenols
Concen: 31.13 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	165.6	106.0	146.0#
79	28.5	9.8	49.8

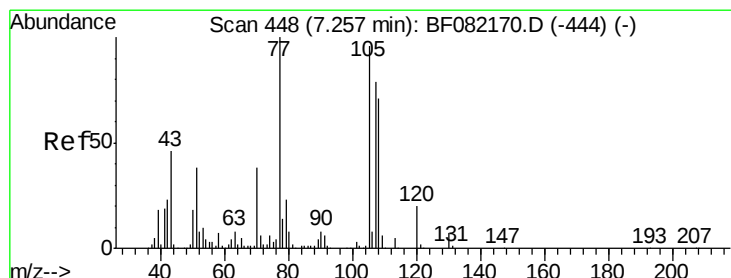
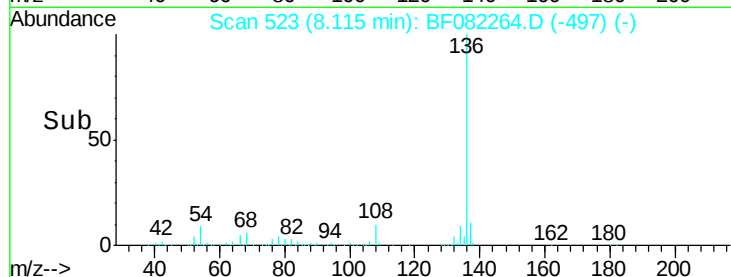
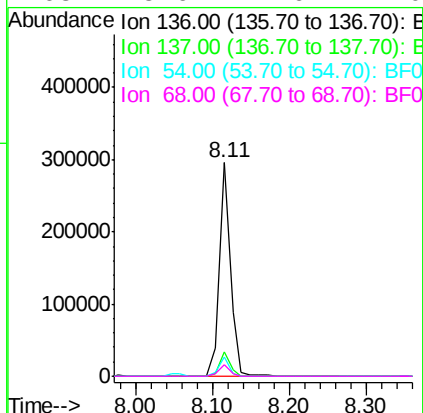
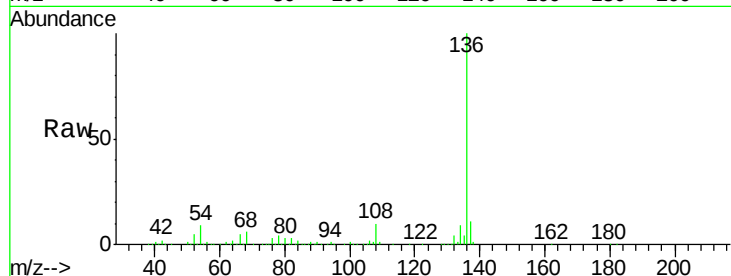




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

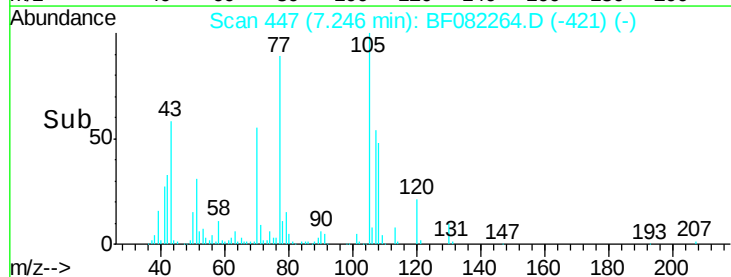
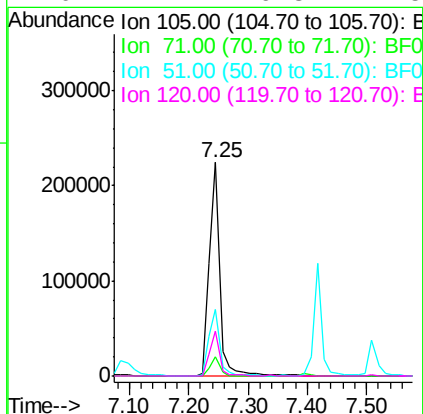
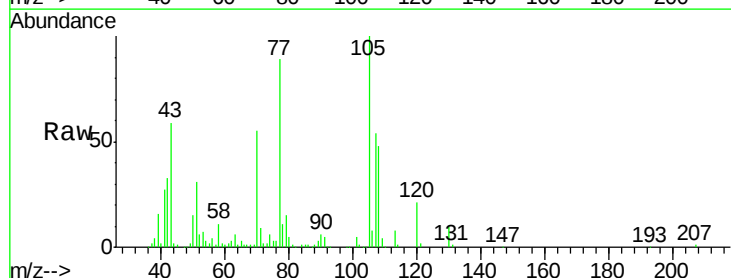
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

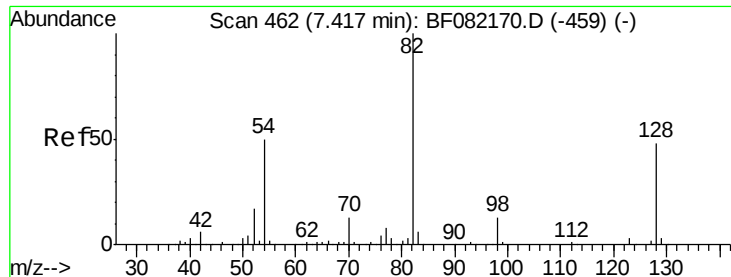
Tot Ion:136	Resp:	297853
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	9.3	7.5 11.3
68	5.6	4.6 7.0



#22
Acetophenone
Concen: 47.04 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:105	Resp:	277153
Ion Ratio	Lower	Upper
105	100	
71	9.1	5.4 8.0#
51	31.1	31.8 47.6#
120	21.1	16.3 24.5

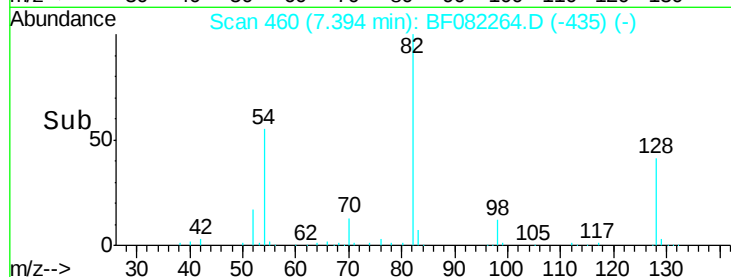
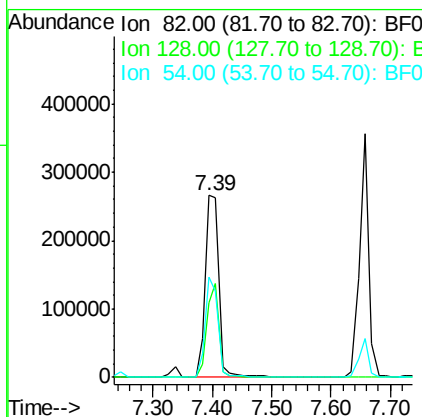
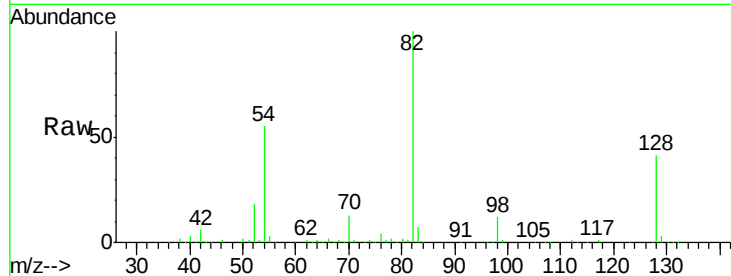




#23
 Nitrobenzene-d5
 Concen: 97.11 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

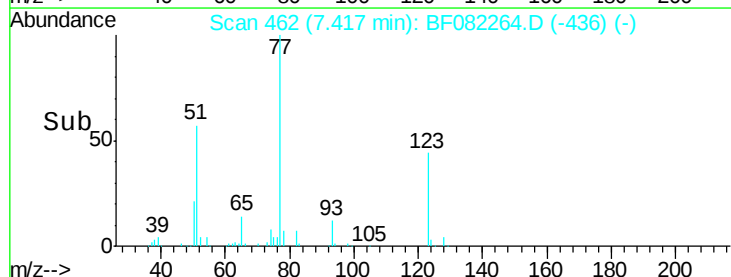
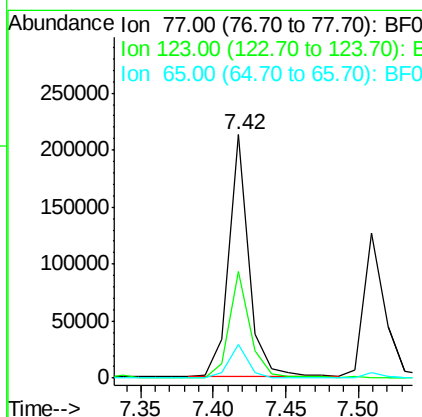
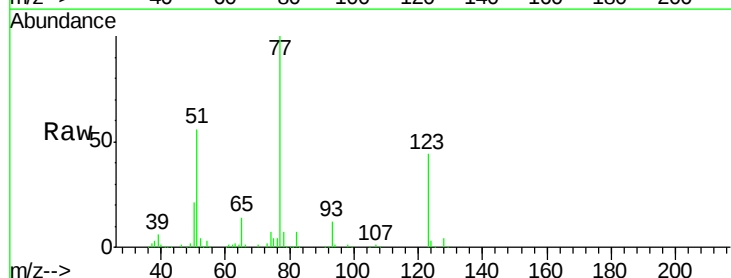
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Tot Ion: 82 Resp: 430708
 Ion Ratio Lower Upper
 82 100
 128 41.3 38.7 58.1
 54 55.2 40.1 60.1



#24
 Nitrobenzene
 Concen: 42.63 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion: 77 Resp: 204672
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 42.84 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

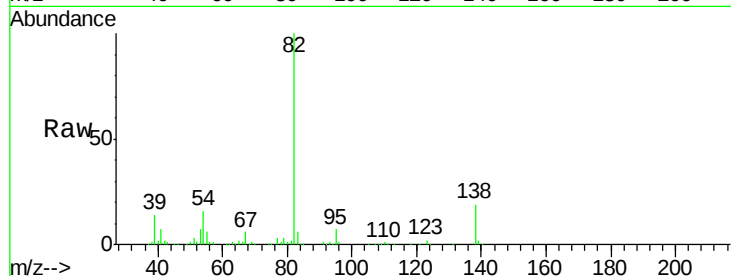
Tot Ion: 82 Resp: 383536

Ion Ratio Lower Upper

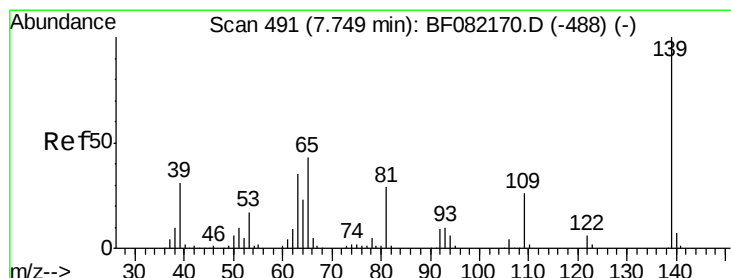
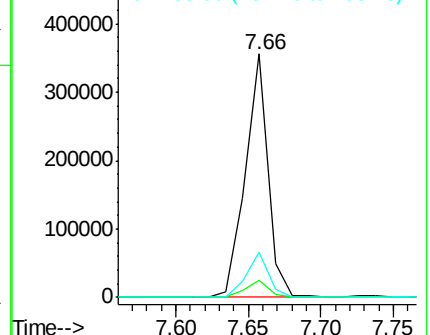
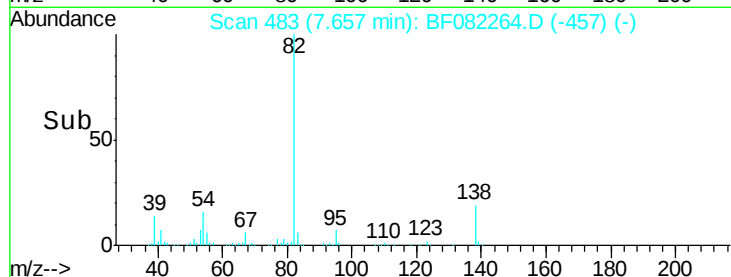
82 100

95 7.2 5.6 8.4

138 18.7 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: 45.77 ng

RT: 7.74 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

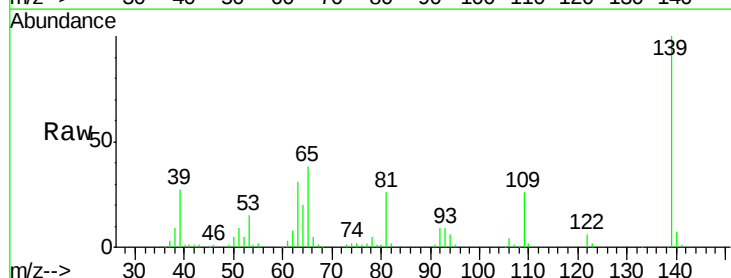
Tgt Ion: 139 Resp: 109720

Ion Ratio Lower Upper

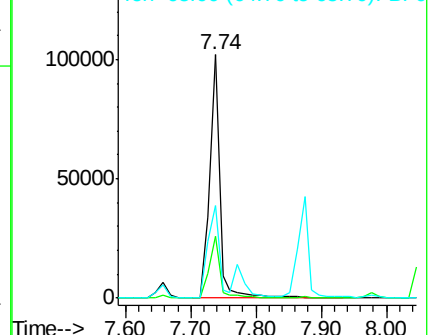
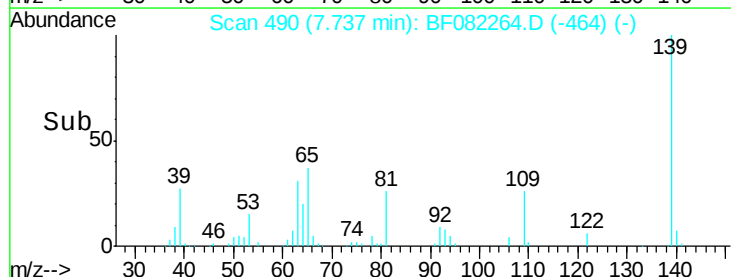
139 100

109 25.7 20.6 31.0

65 38.2 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 39.81 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

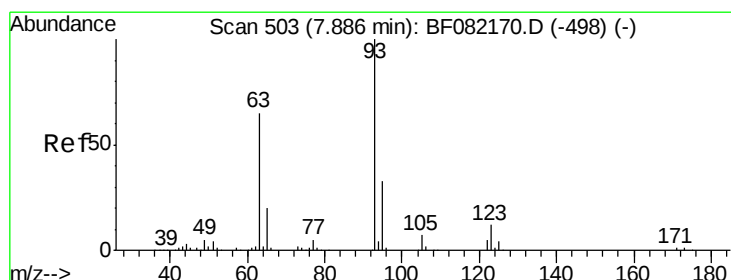
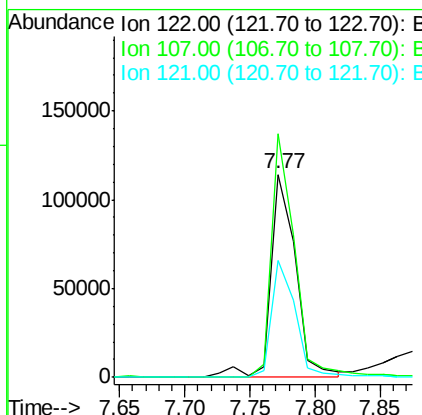
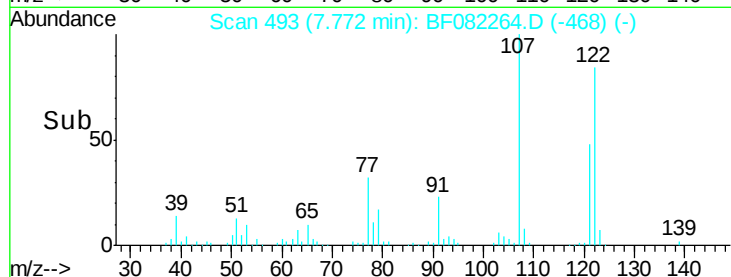
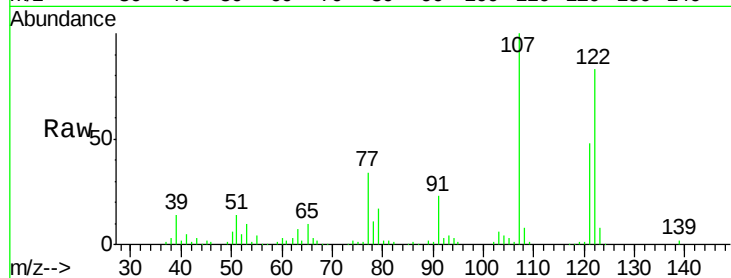
Tot Ion:122 Resp: 153745

Ion Ratio Lower Upper

122 100

107 120.0 94.0 141.0

121 57.9 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 44.92 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

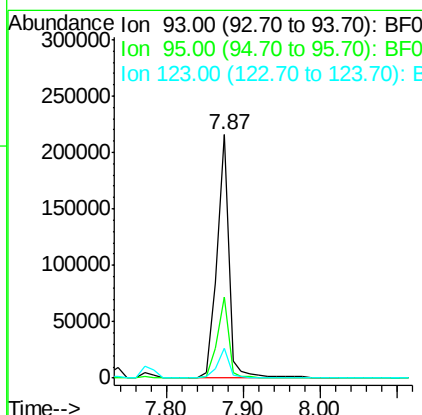
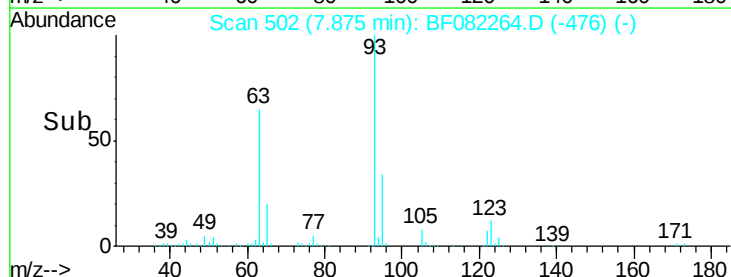
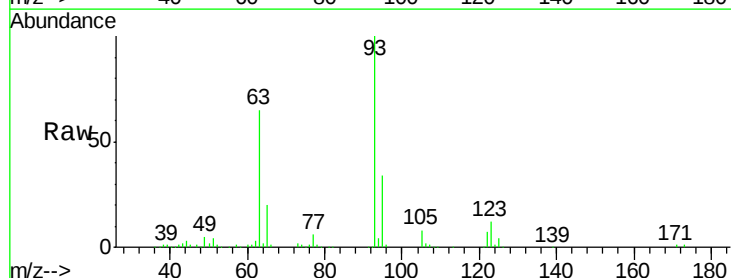
Tgt Ion: 93 Resp: 233962

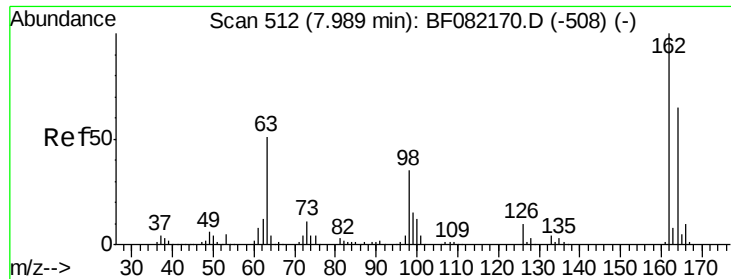
Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

123 12.1 9.5 14.3

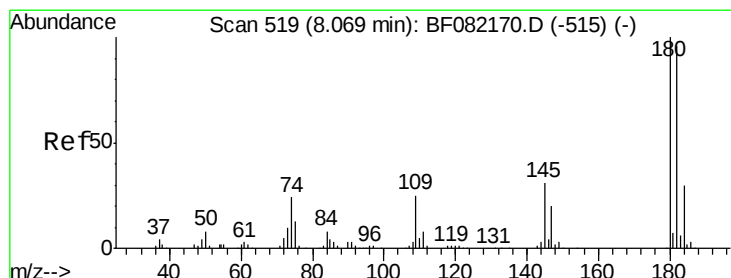
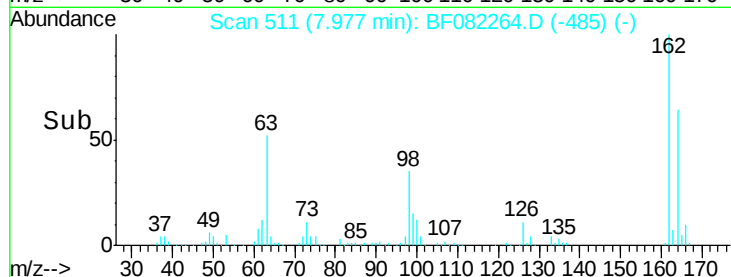
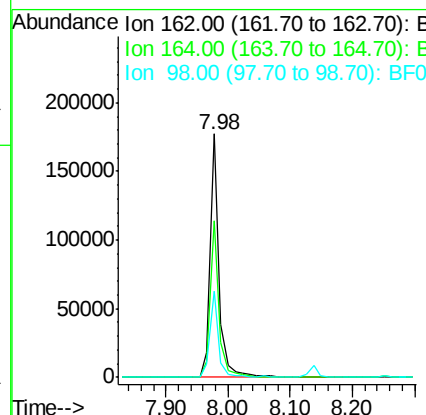
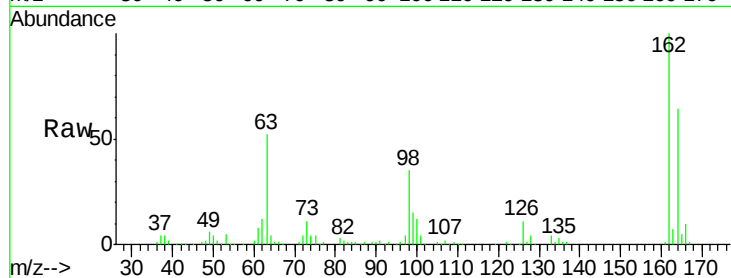




#29
 2,4-Dichlorophenol
 Concen: 46.11 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

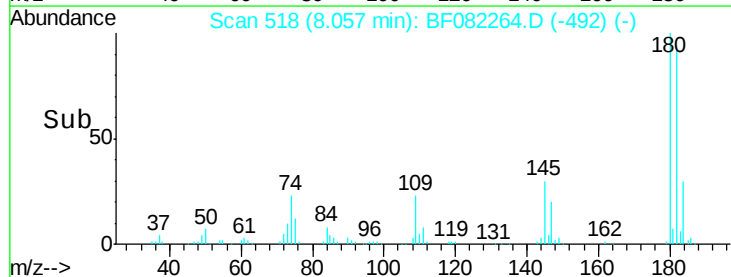
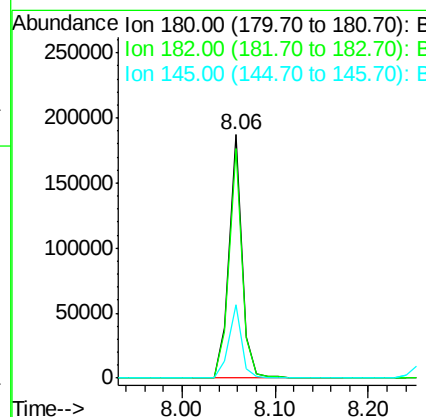
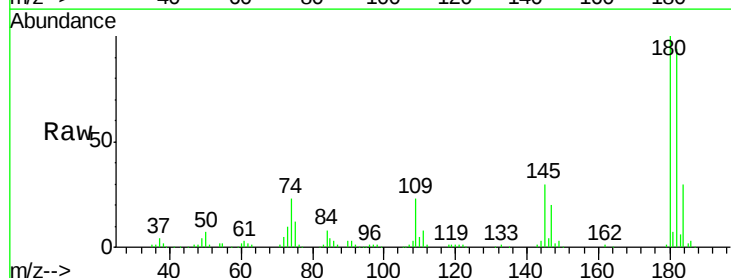
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

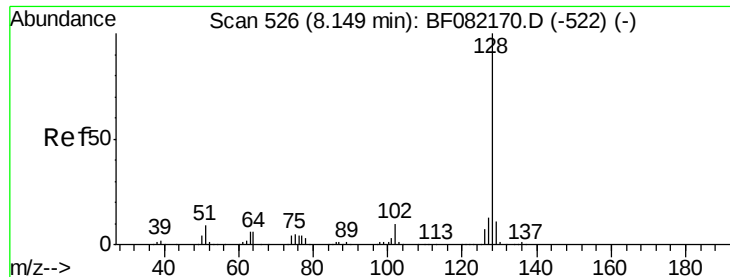
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.3	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.92 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.4
145	30.1	25.0	37.4

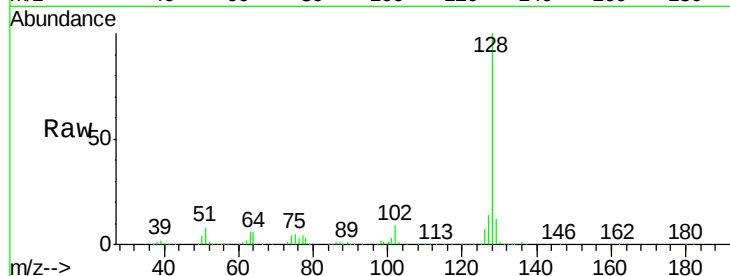




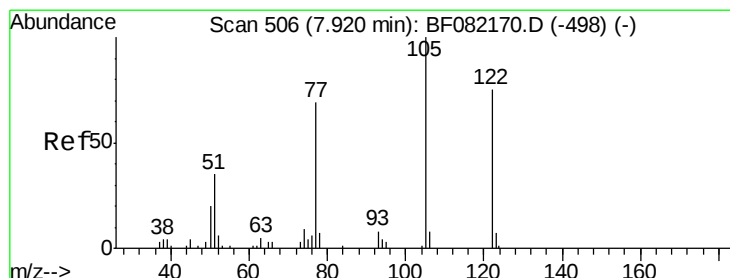
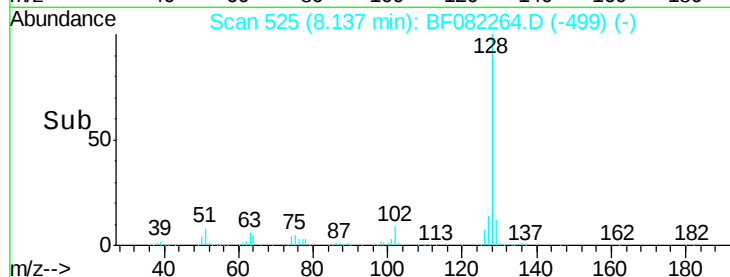
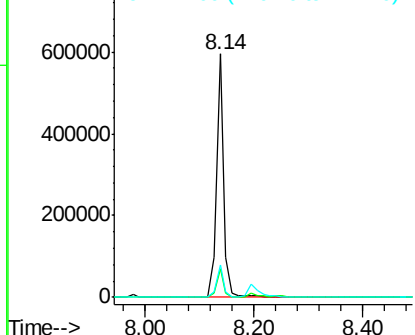
#31
Naphthalene
Concen: 44.03 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion:128 Resp: 568482
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 10.7 16.1

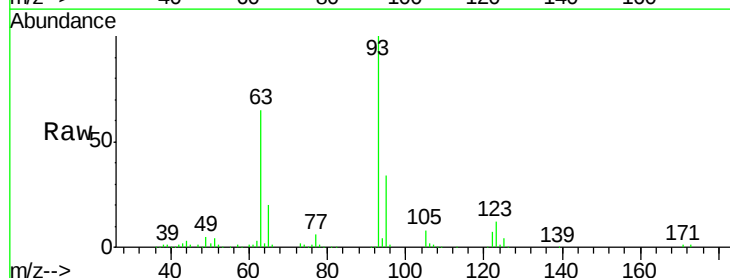


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

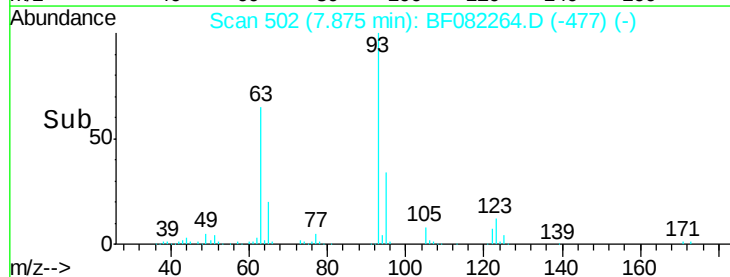
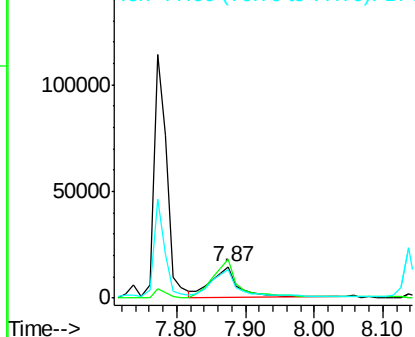


#32
Benzoic acid
Concen: 15.77 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:122 Resp: 40879
Ion Ratio Lower Upper
122 100
105 123.0 104.4 144.4
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

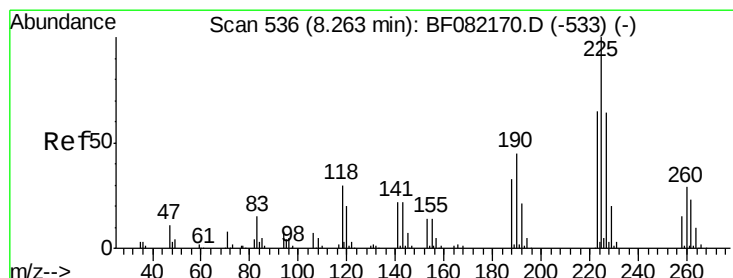
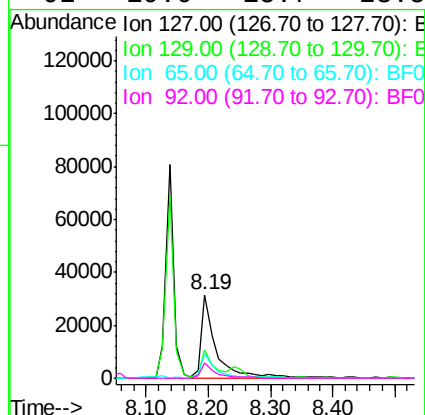
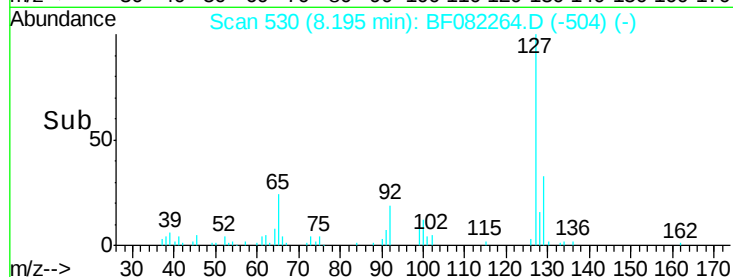
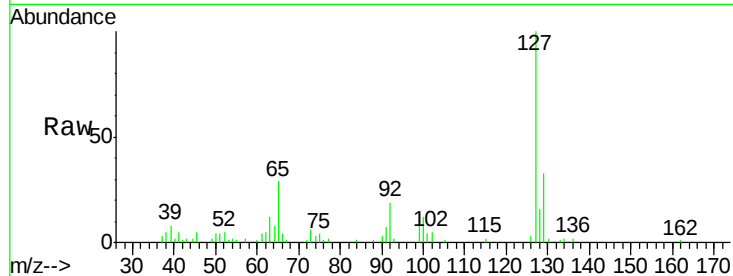




#33
4-Chloroaniline
Concen: 10.05 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

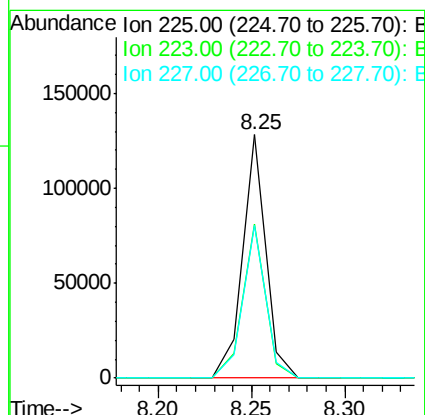
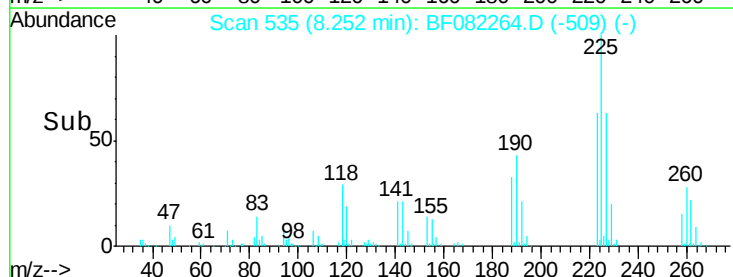
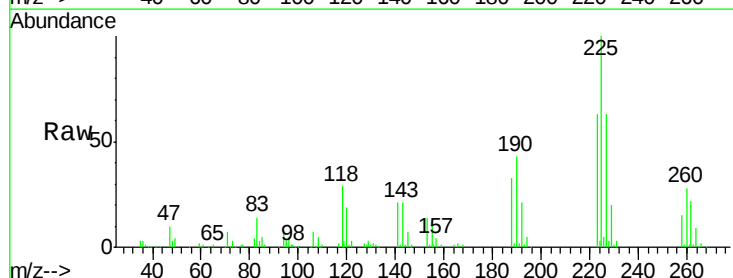
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion:	127	Resp:	53916
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	29.0	24.4	36.6
92	19.0	15.7	23.5



#34
Hexachlorobutadiene
Concen: 40.30 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:	225	Resp:	111739
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.2
227	62.6	51.3	76.9





#35

Caprolactam

Concen: 11.37 ng

RT: 8.56 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

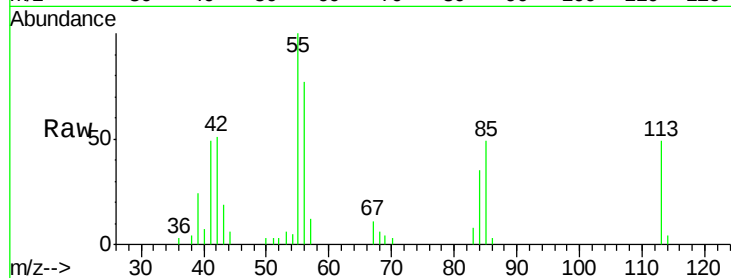
Tot Ion:113 Resp: 12735

Ion Ratio Lower Upper

113 100

55 202.8 149.7 189.7#

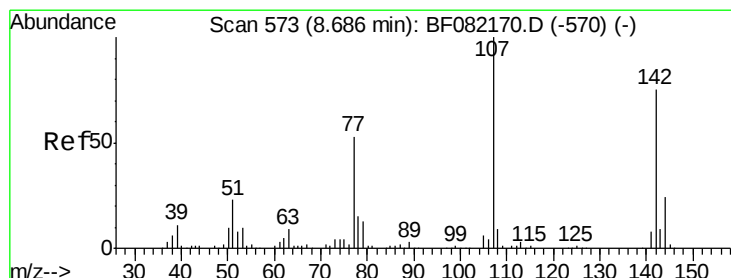
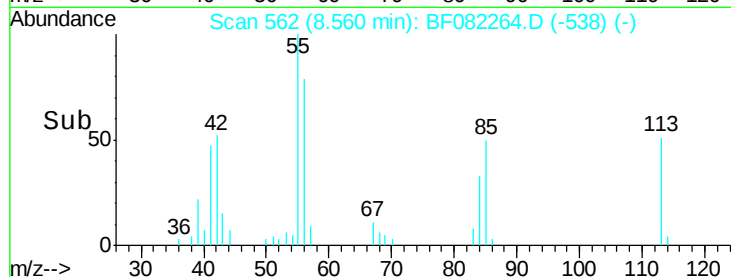
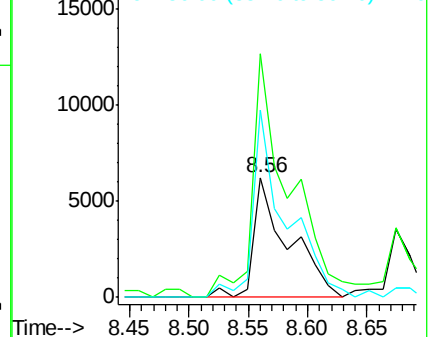
56 155.9 105.4 145.4#



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: 43.50 ng

RT: 8.67 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

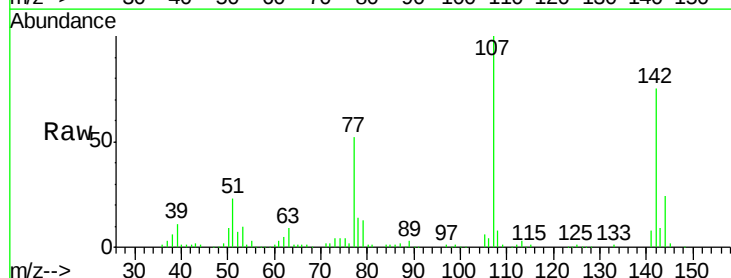
Tgt Ion:107 Resp: 164223

Ion Ratio Lower Upper

107 100

144 24.4 19.3 28.9

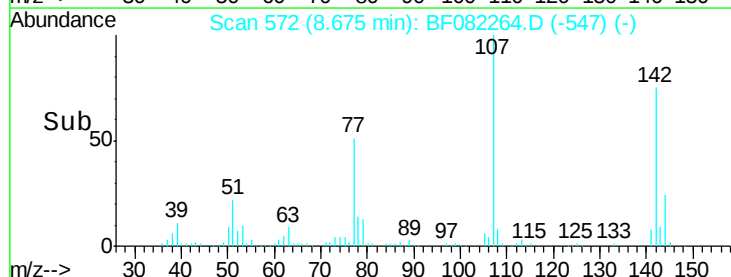
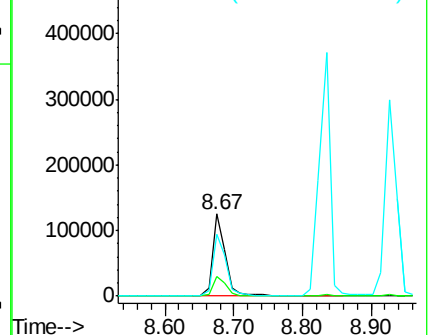
142 75.2 59.9 89.9

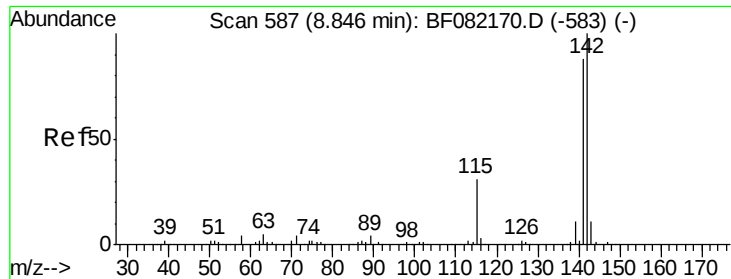


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

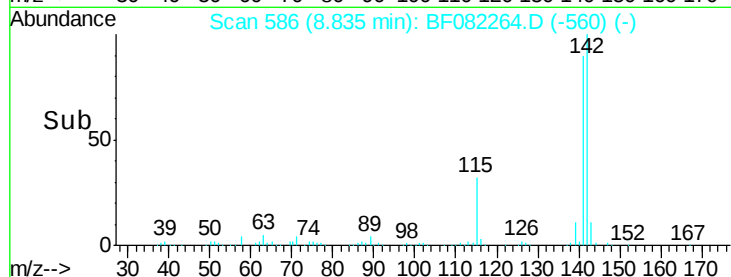
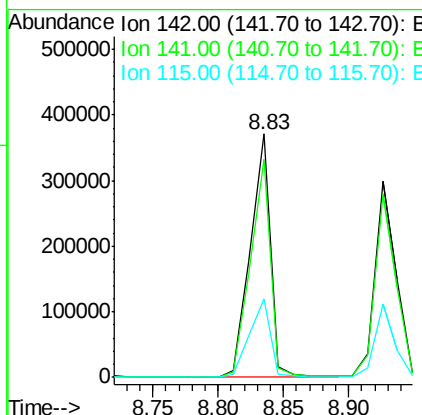
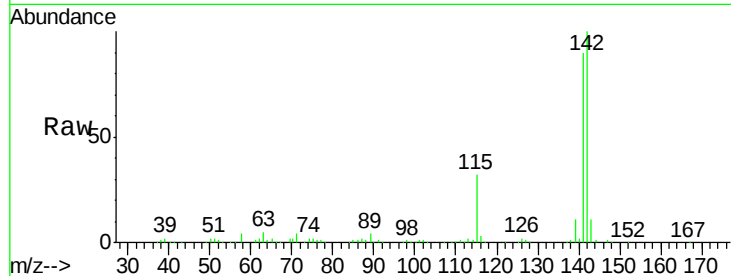




#37
2-Methylnaphthalene
Concen: 44.89 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

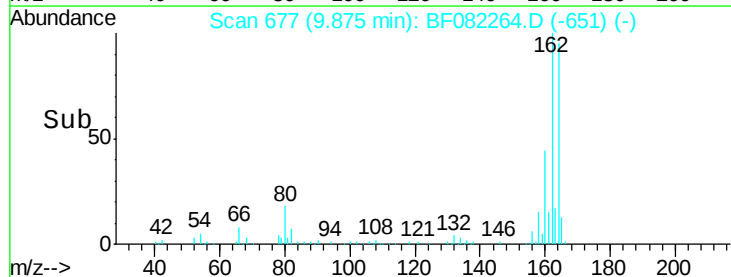
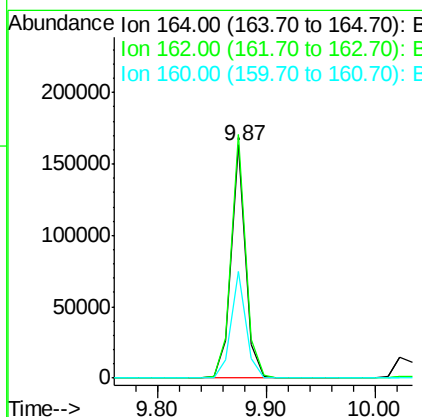
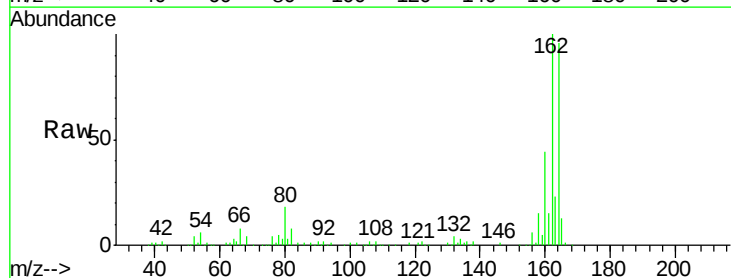
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

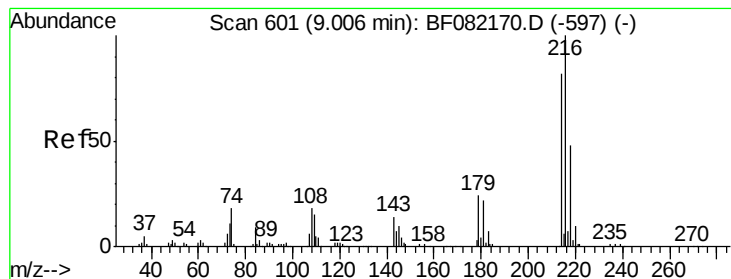
Tot Ion:142 Resp: 401794
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6
115 32.1 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:164 Resp: 149155
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 45.5 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.99 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

Tot Ion:216 Resp: 181849

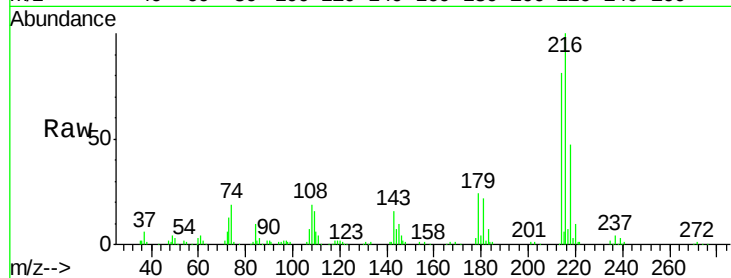
Ion Ratio Lower Upper

216 100

214 79.3 64.6 97.0

179 21.4 17.6 26.4

108 19.1 14.5 21.7

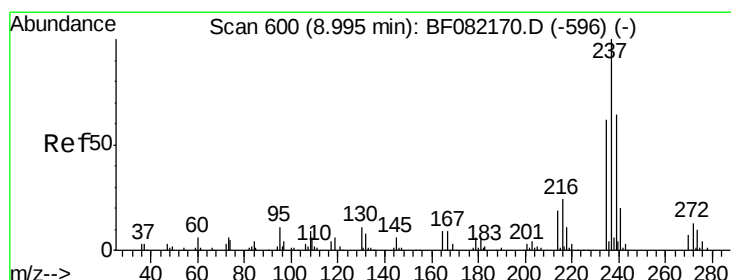
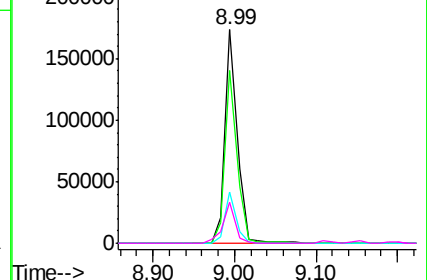
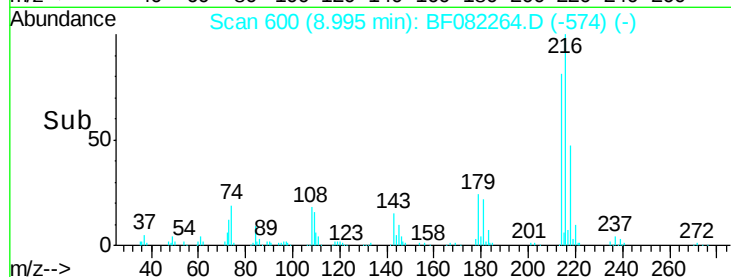


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.38 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

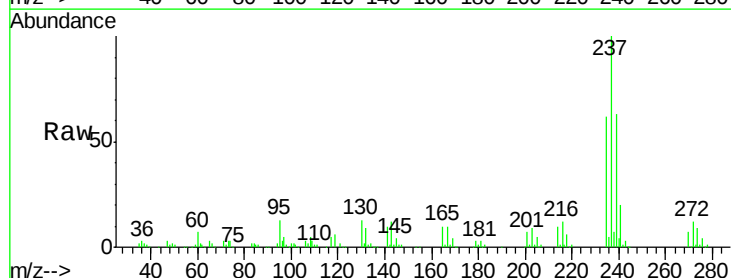
Tgt Ion:237 Resp: 160511

Ion Ratio Lower Upper

237 100

235 62.1 41.7 81.7

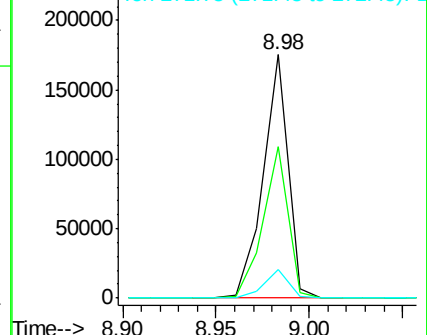
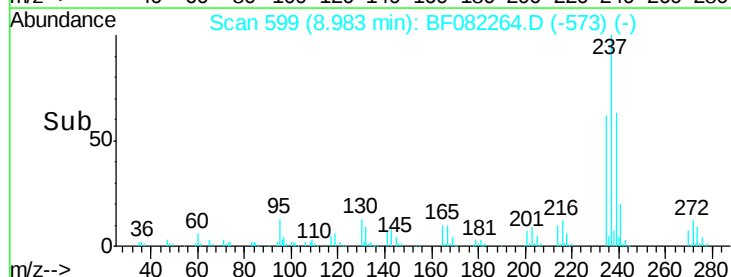
272 11.9 0.0 32.8

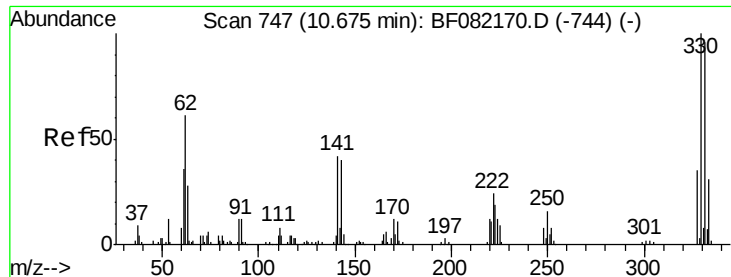


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

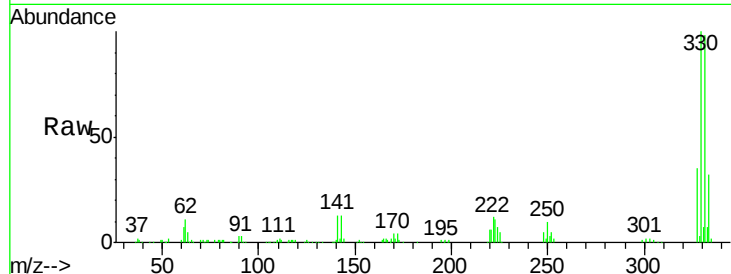




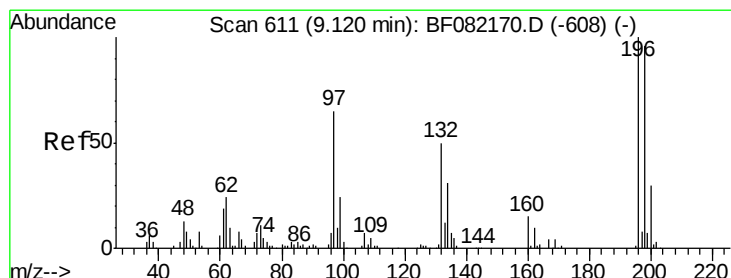
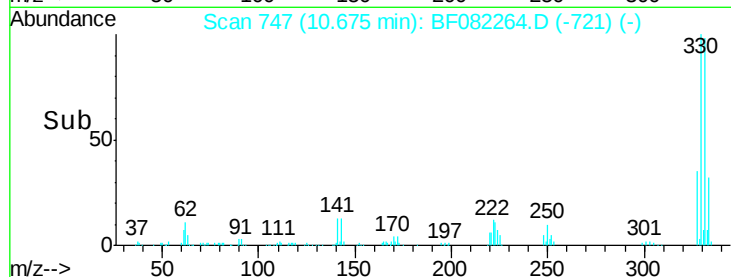
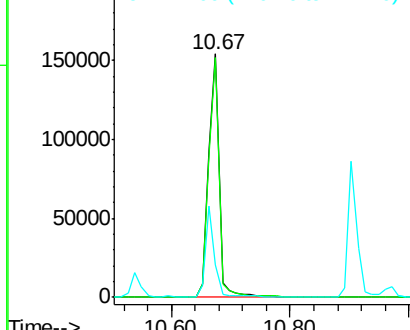
#41
 2,4,6-Tribromophenol
 Concen: 137.96 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	32.7	29.8	44.8

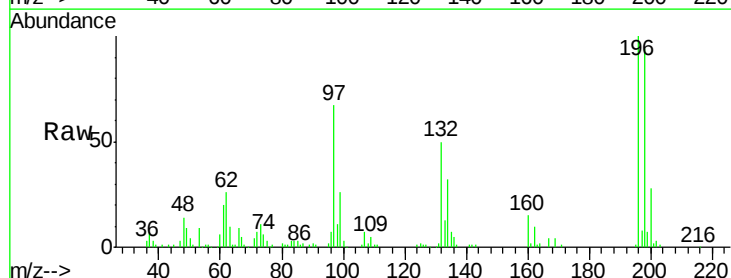


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

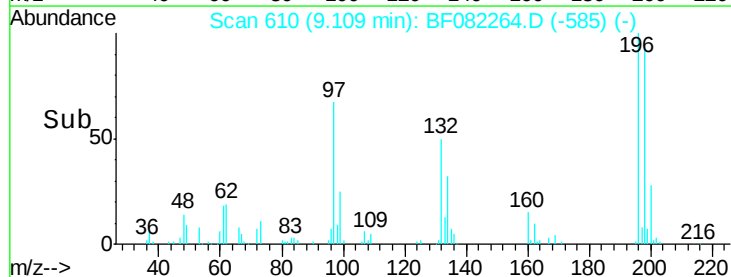
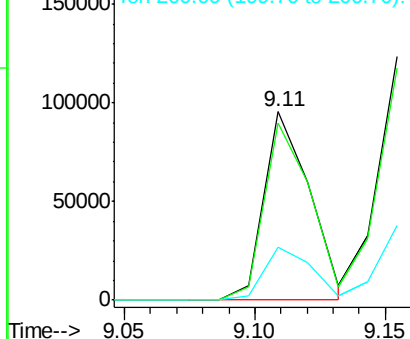


#42
 2,4,6-Trichlorophenol
 Concen: 39.47 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.6	115.0
200	28.2	23.7	35.5



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

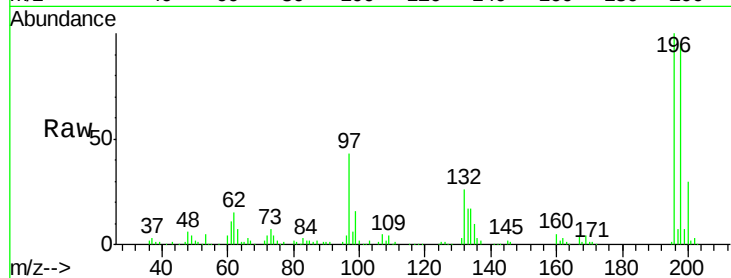




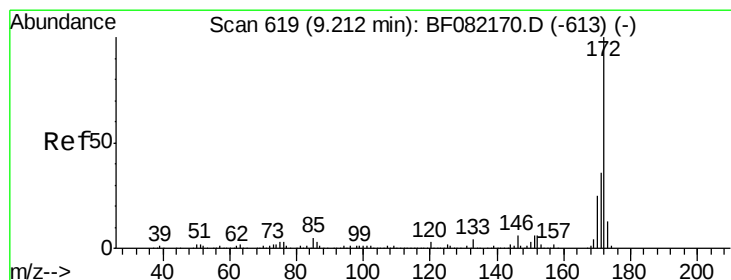
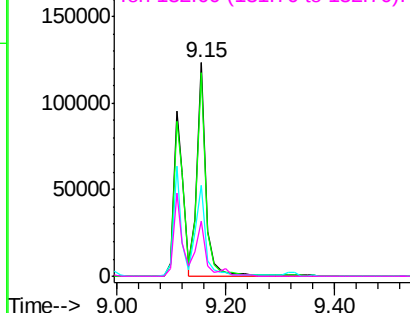
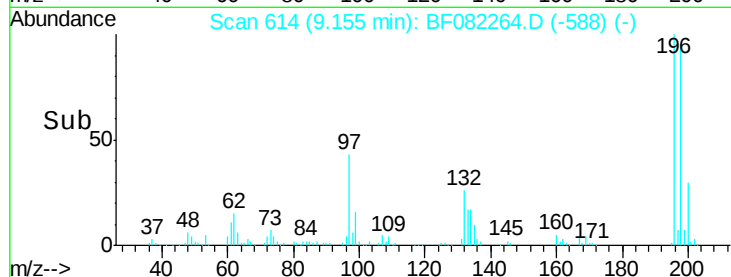
#43
 2,4,5-Trichlorophenol
 Concen: 43.65 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Tot Ion	196	Resp	139336
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.0	115.4
97	42.6	31.9	47.9
132	26.1	20.3	30.5

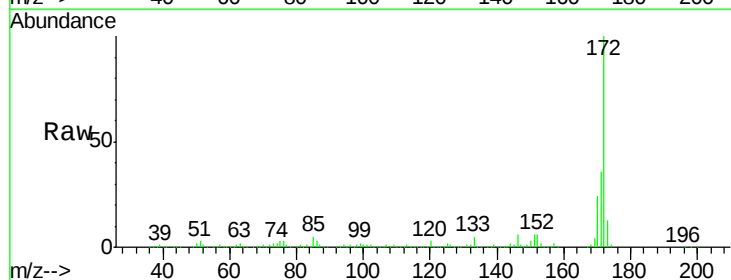


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

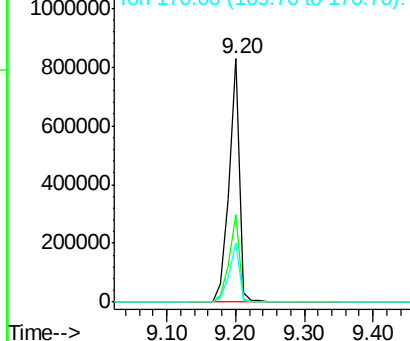
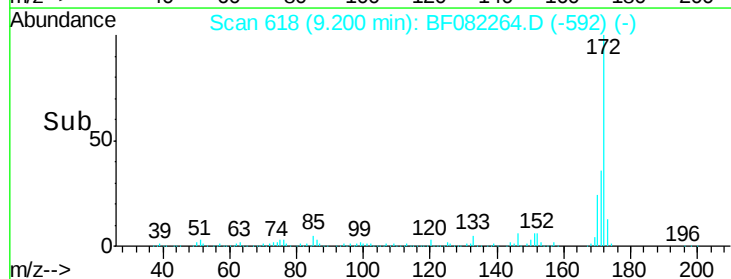


#44
 2-Fluorobiphenyl
 Concen: 98.85 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion	172	Resp	889020
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	42.8
170	24.4	19.7	29.5



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

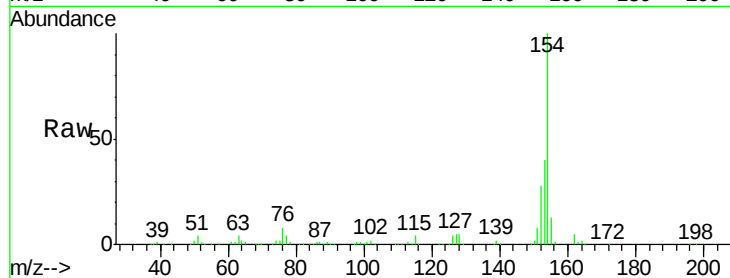




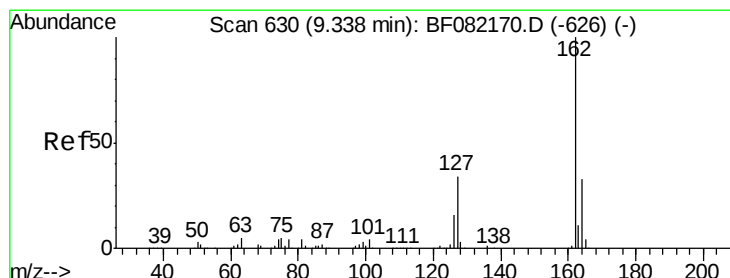
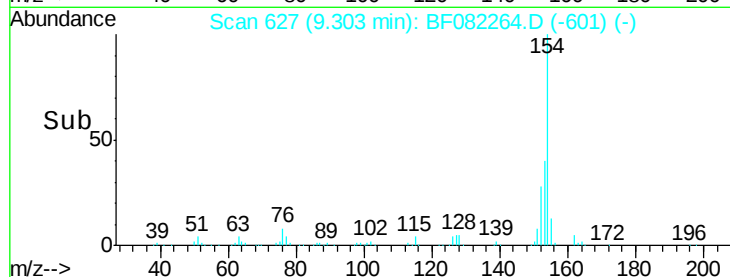
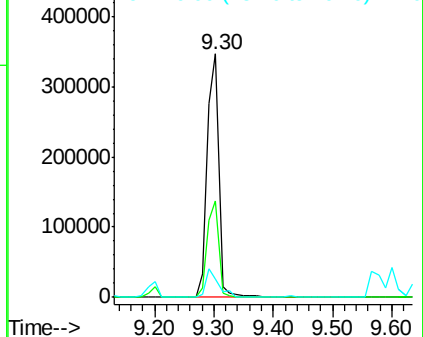
#45
 1,1'-Biphenyl
 Concen: 41.83 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Tot Ion:154 Resp: 475783
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.6 60.6
 76 7.6 0.0 35.2

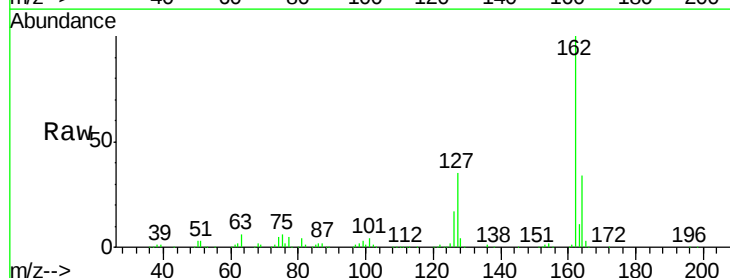


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

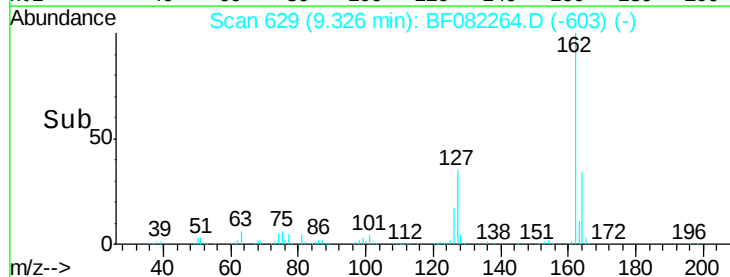
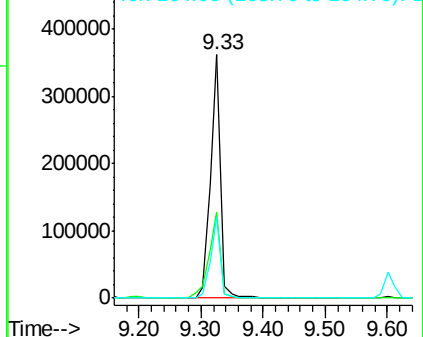


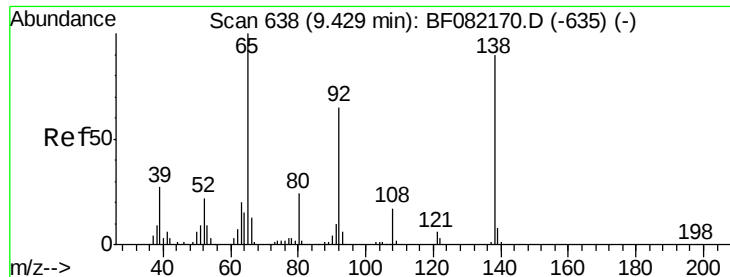
#46
 2-Chloronaphthalene
 Concen: 44.78 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion:162 Resp: 400971
 Ion Ratio Lower Upper
 162 100
 127 35.4 27.5 41.3
 164 33.5 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

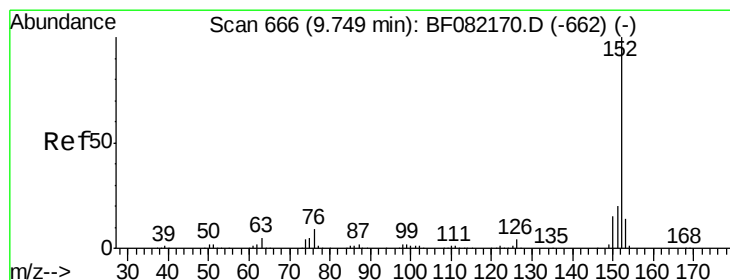
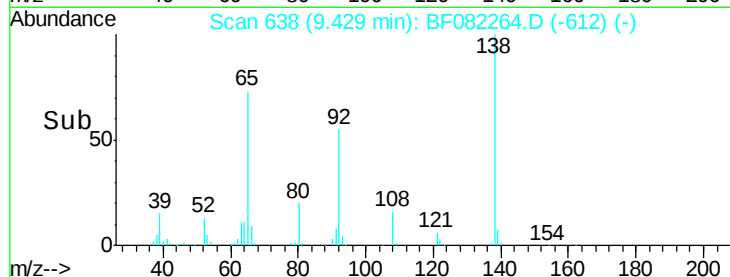
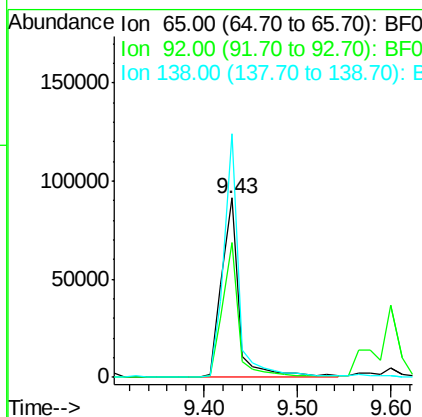
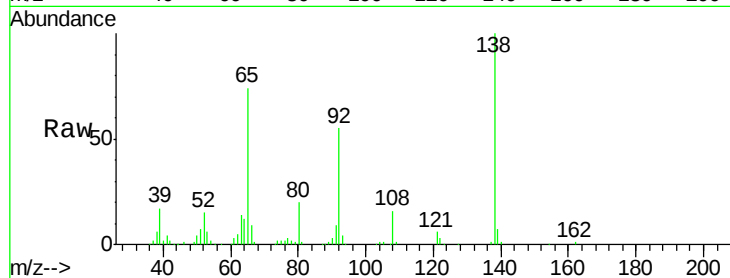




#47
2-Nitroaniline
Concen: 47.91 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

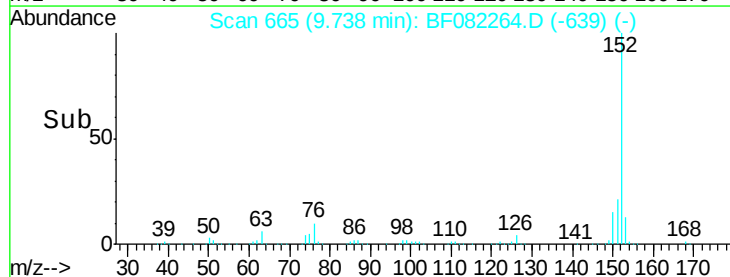
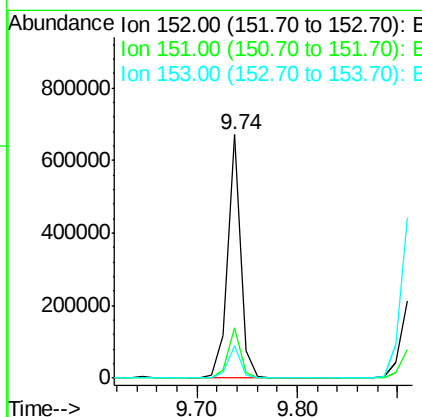
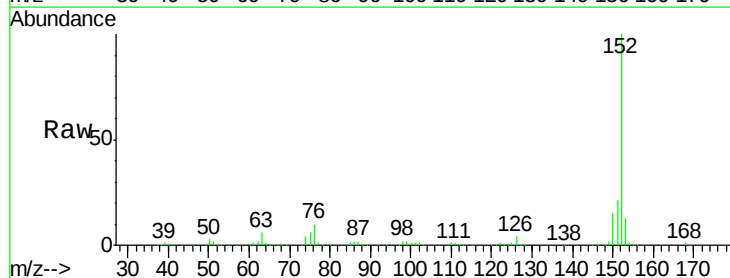
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

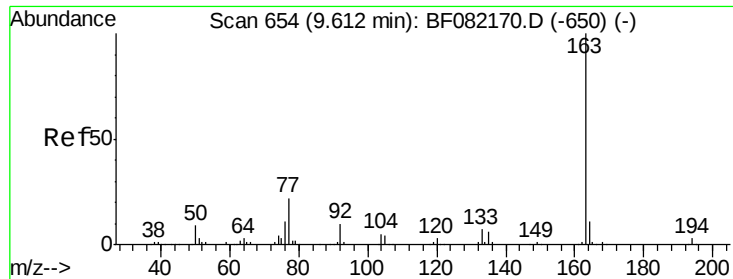
Tot Ion: 65 Resp: 117763
Ion Ratio Lower Upper
65 100
92 75.2 52.3 78.5
138 136.0 72.2 108.4#



#48
Acenaphthylene
Concen: 43.57 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion: 152 Resp: 607736
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.5 10.8 16.2

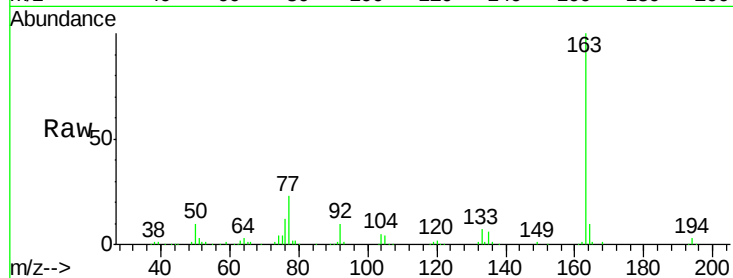




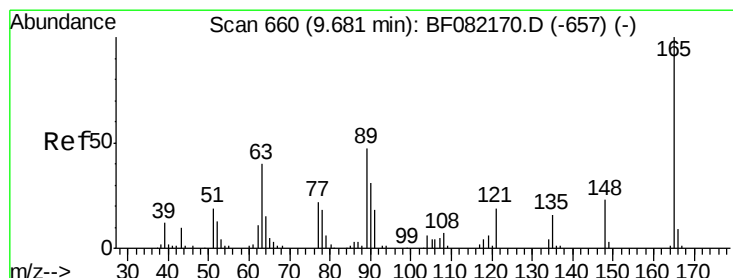
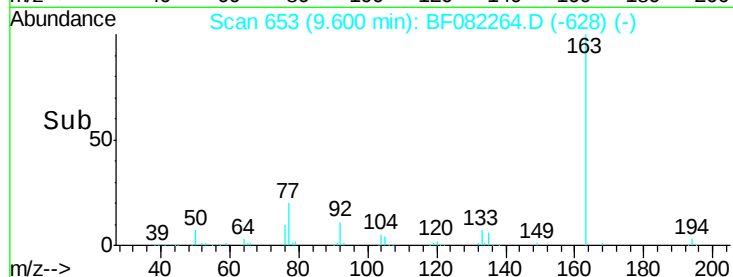
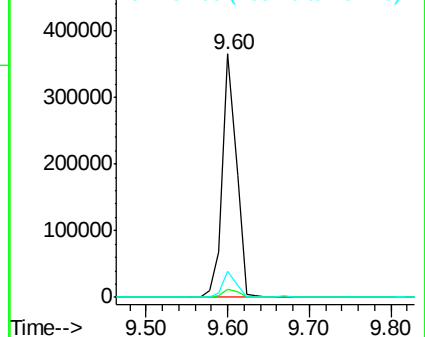
#49
Dimethylphthalate
Concen: 41.63 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion:163 Resp: 437223
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.5 12.7

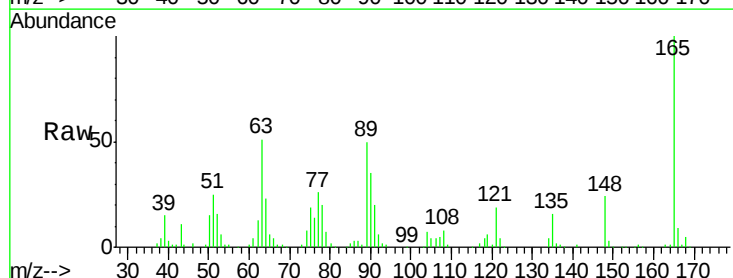


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

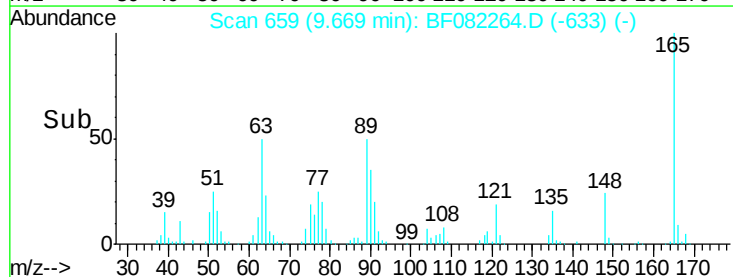
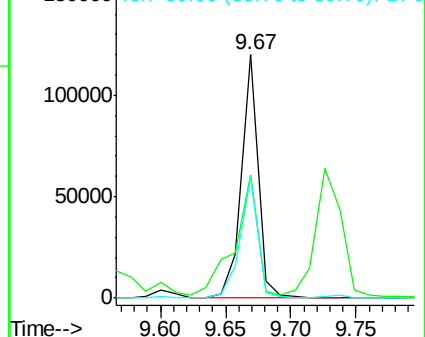


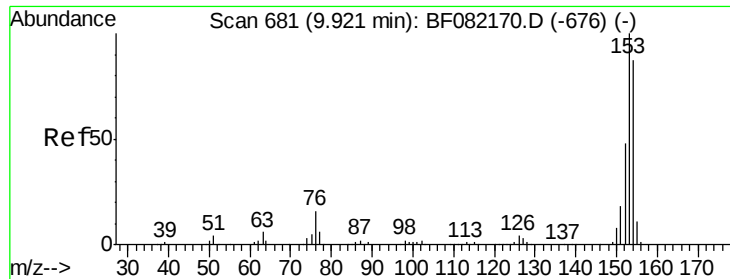
#50
2,6-Dinitrotoluene
Concen: 48.31 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:165 Resp: 107065
Ion Ratio Lower Upper
165 100
63 50.5 36.7 55.1
89 49.8 37.8 56.6



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





#51

Acenaphthene

Concen: 42.13 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

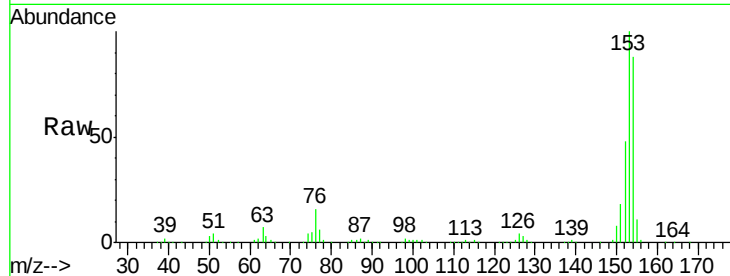
Tot Ion:154 Resp: 352795

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

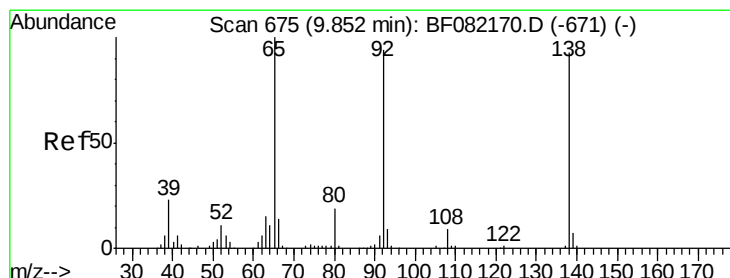
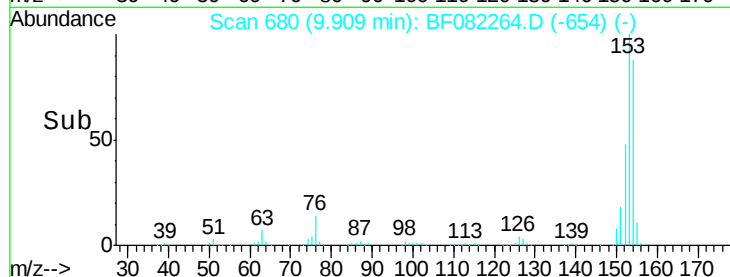
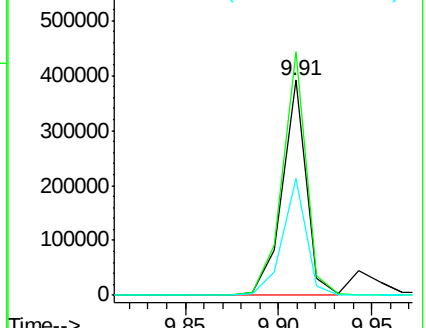
152 54.6 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.45 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

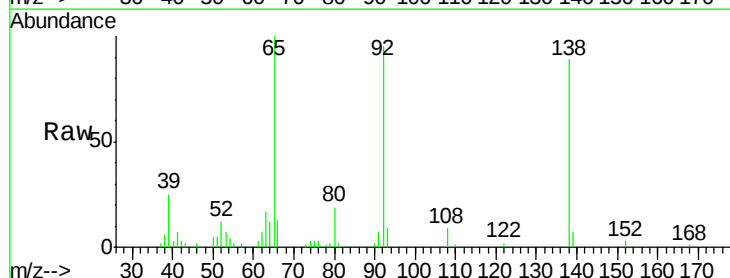
Tgt Ion:138 Resp: 36165

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

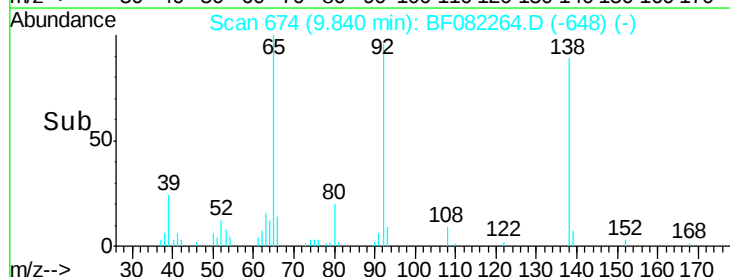
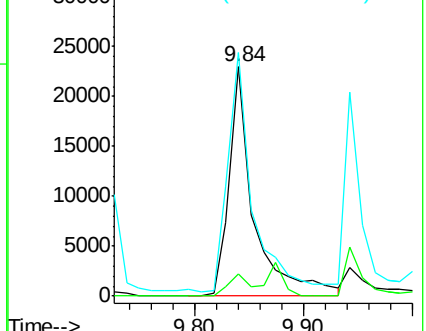
92 106.2 81.3 121.9



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

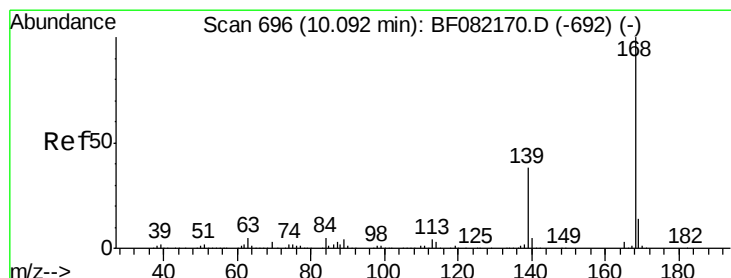
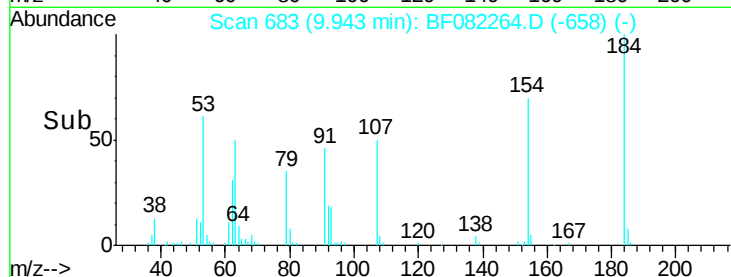
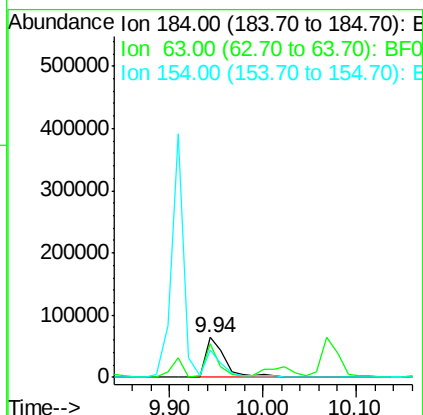
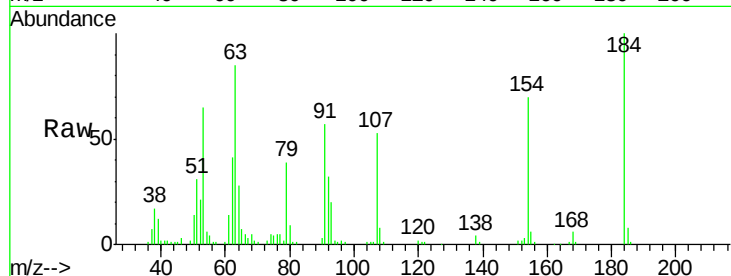




#53
2,4-Dinitrophenol
Concen: 77.53 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

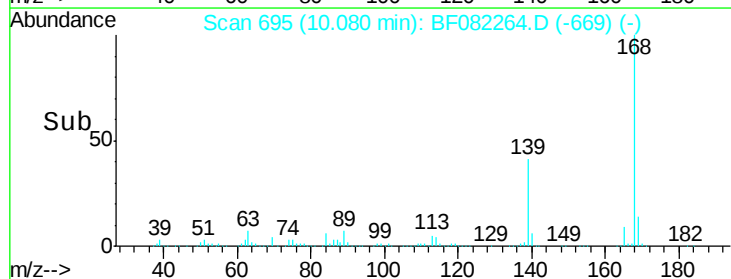
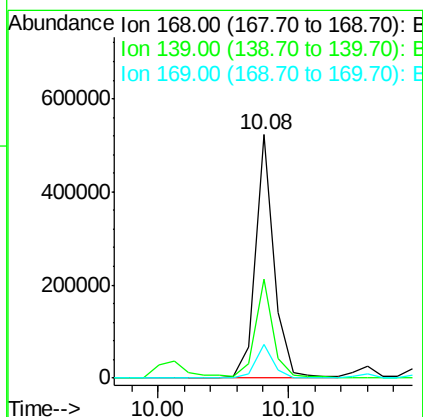
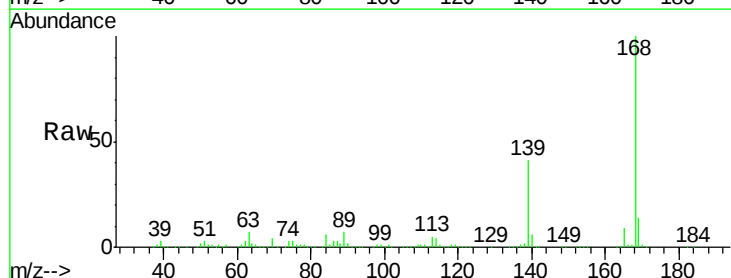
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

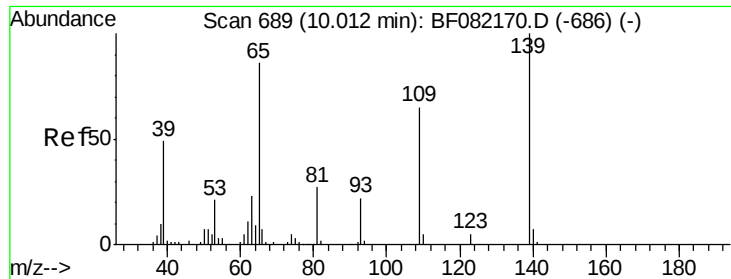
Tot Ion:184 Resp: 95749
Ion Ratio Lower Upper
184 100
63 85.0 45.1 67.7#
154 70.4 51.2 76.8



#54
Dibenzofuran
Concen: 45.26 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:168 Resp: 520330
Ion Ratio Lower Upper
168 100
139 40.7 31.0 46.6
169 13.6 10.9 16.3

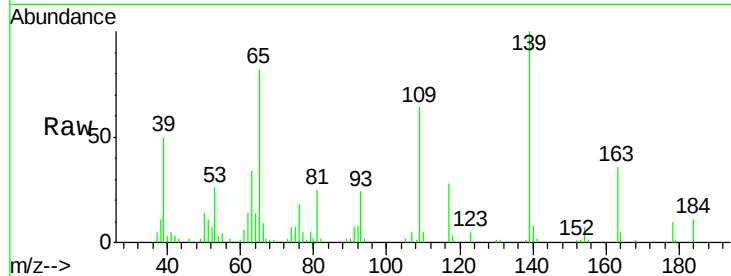




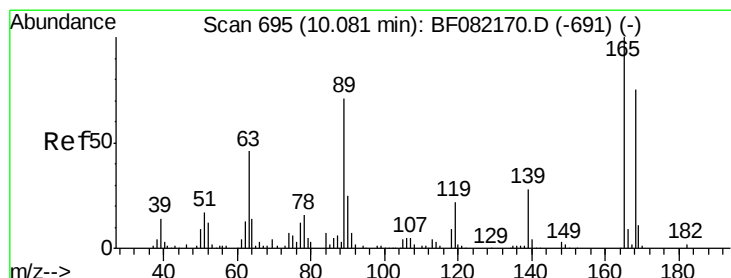
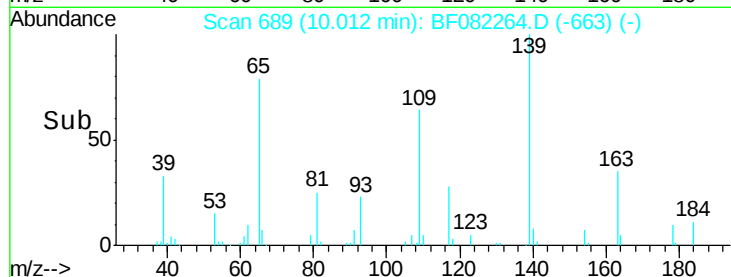
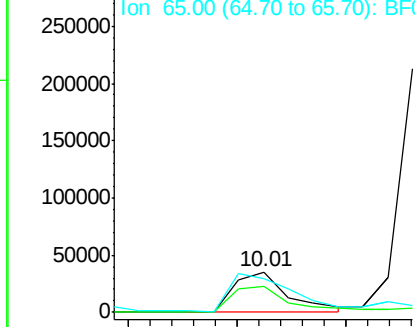
#55
4-Nitrophenol
Concen: 43.36 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion:139 Resp: 61431
Ion Ratio Lower Upper
139 100
109 63.8 44.8 84.8
65 82.3 67.7 107.7

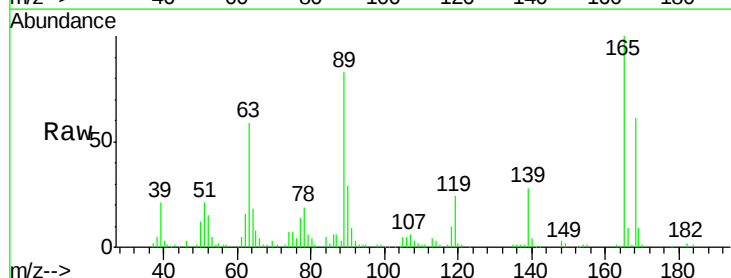


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

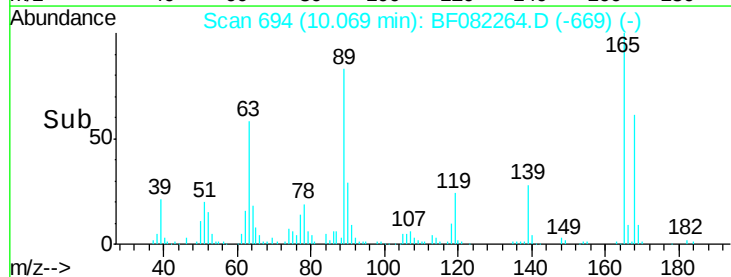
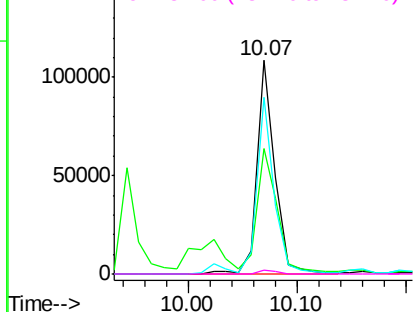


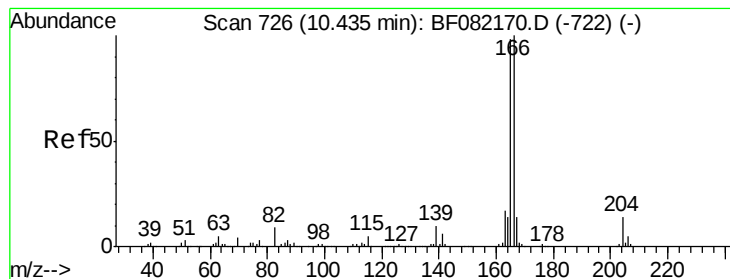
#56
2,4-Dinitrotoluene
Concen: 45.10 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:165 Resp: 124928
Ion Ratio Lower Upper
165 100
63 58.7 38.6 58.0#
89 82.6 57.0 85.6
182 2.1 1.8 2.6



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





#57

Fluorene

Concen: 43.96 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

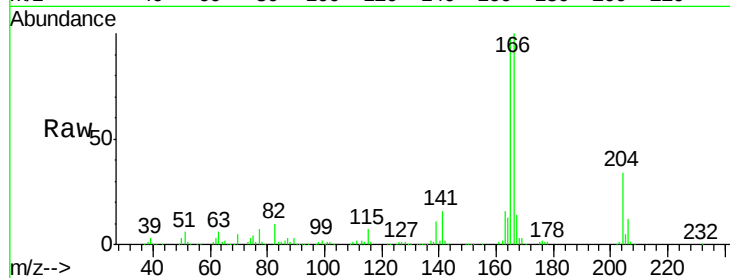
Tot Ion:166 Resp: 415092

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

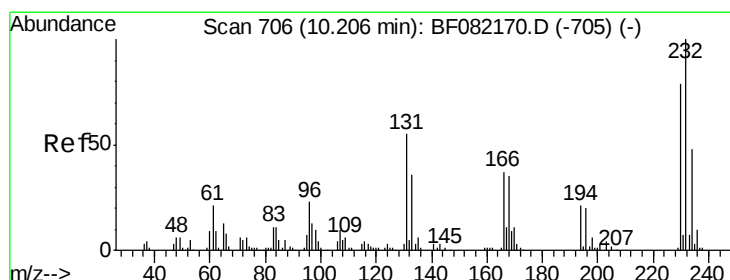
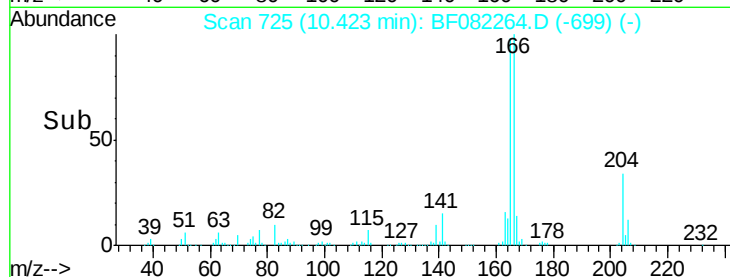
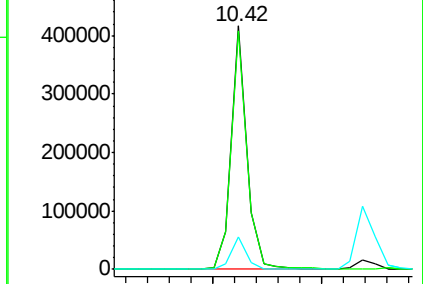
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.13 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Tgt Ion:232 Resp: 117709

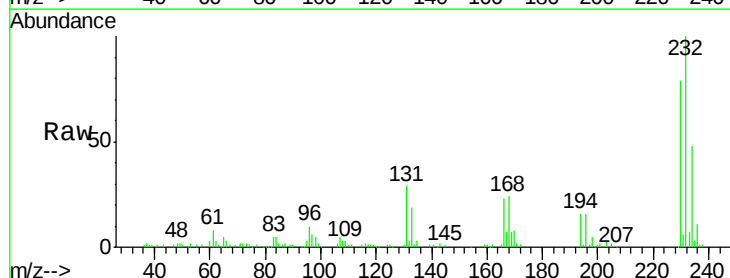
Ion Ratio Lower Upper

232 100

131 40.7 36.6 54.8

130 1.7 1.5 2.3

166 27.1 24.6 37.0

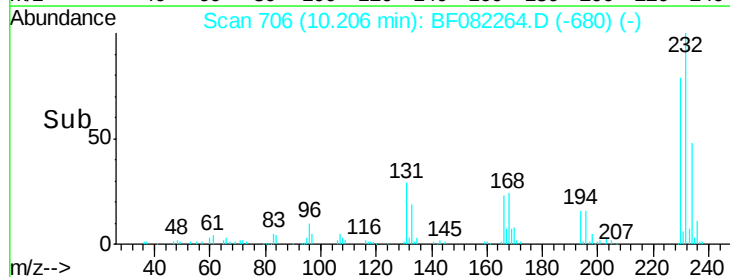
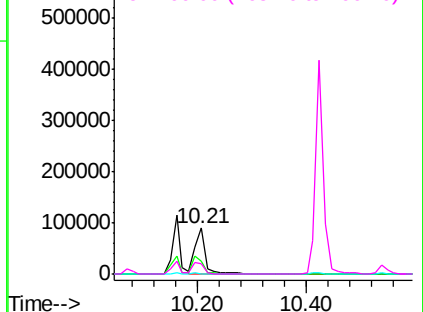


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.78 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

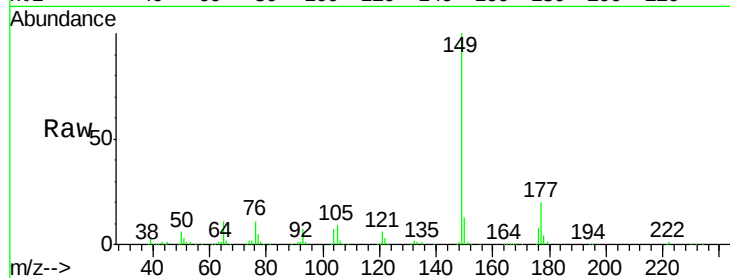
Tot Ion:149 Resp: 428625

Ion Ratio Lower Upper

149 100

177 20.2 17.6 26.4

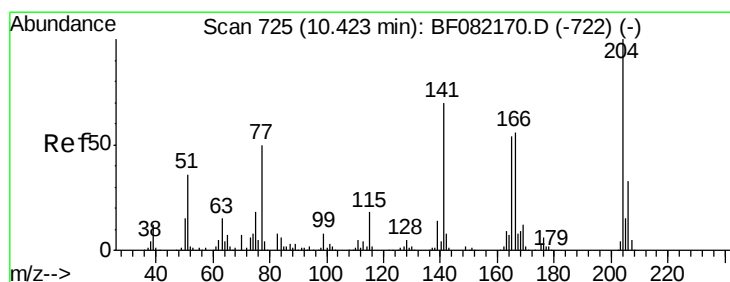
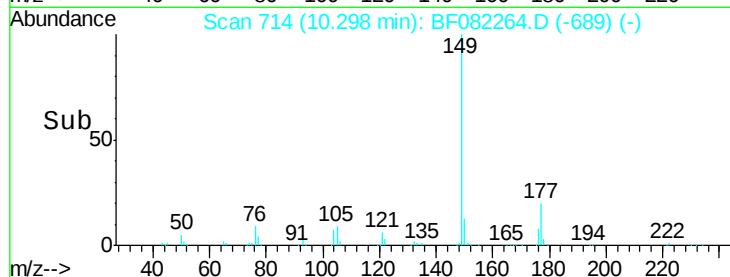
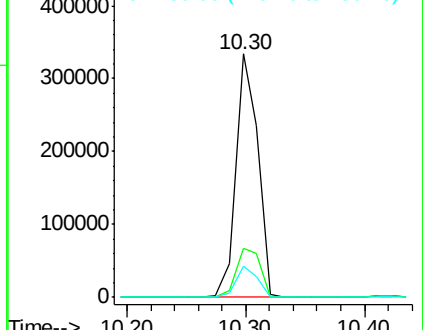
150 12.6 10.3 15.5



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: 44.71 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

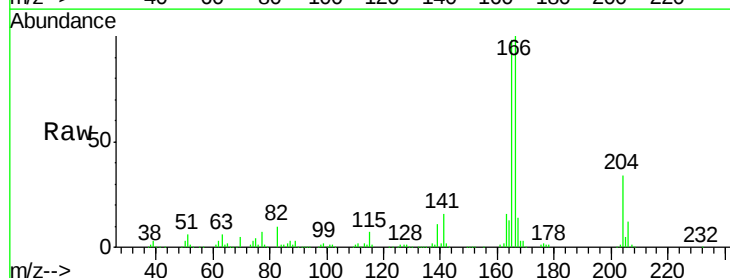
Tgt Ion:204 Resp: 193387

Ion Ratio Lower Upper

204 100

206 34.0 26.8 40.2

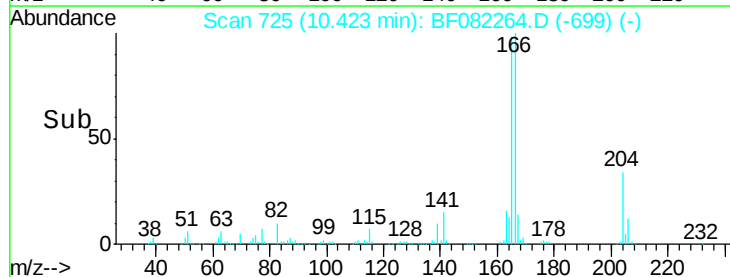
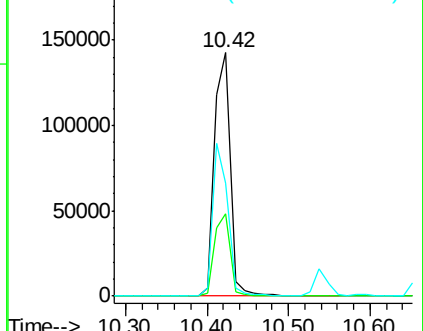
141 46.3 56.1 84.1#

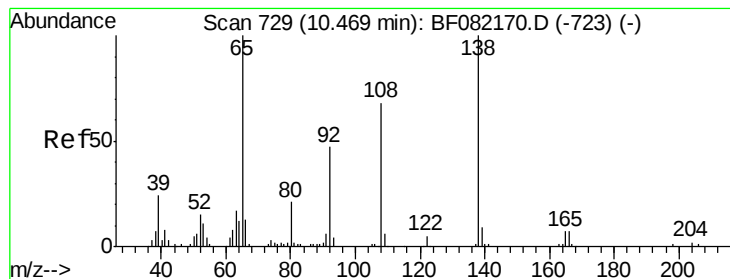


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.98 ng

RT: 10.46 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

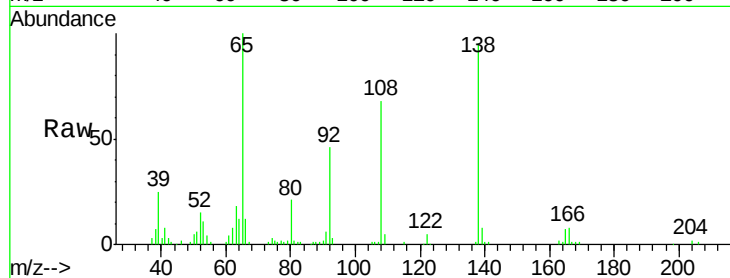
Tot Ion:138 Resp: 104360

Ion Ratio Lower Upper

138 100

92 48.9 26.8 66.8

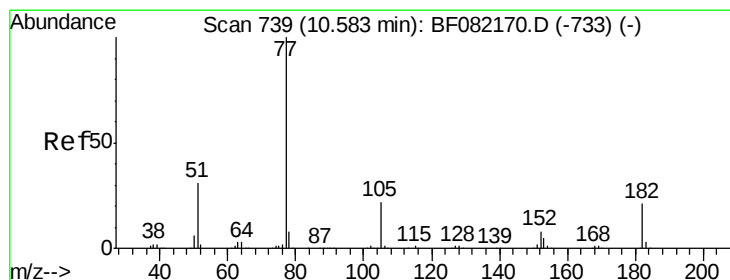
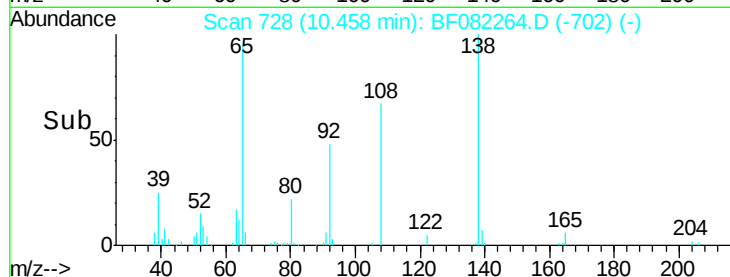
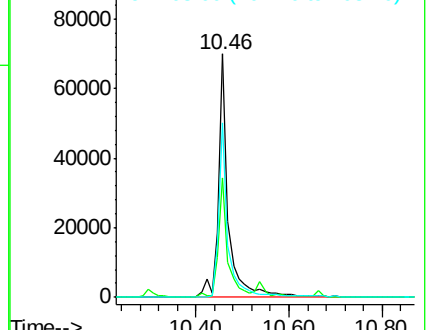
108 71.6 48.4 88.4



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: 44.88 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Tgt Ion: 77 Resp: 430067

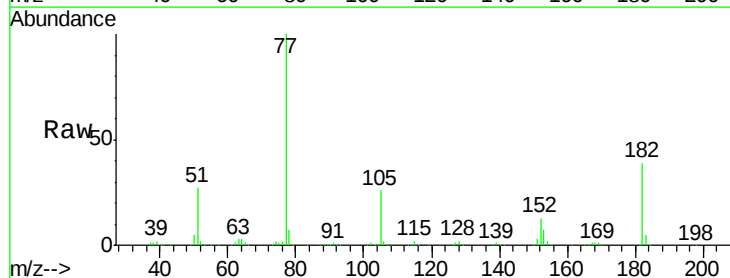
Ion Ratio Lower Upper

77 100

182 38.7 0.5 40.5

105 26.0 1.8 41.8

51 26.9 11.2 51.2

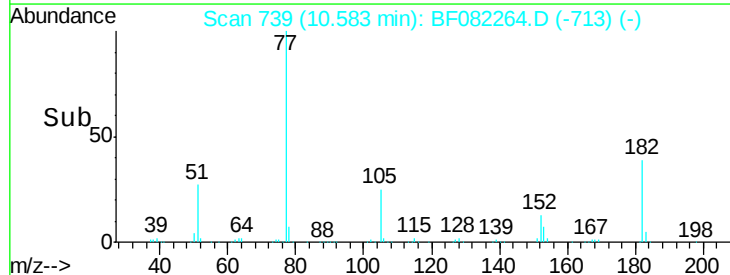
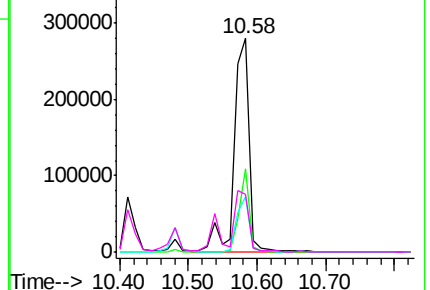


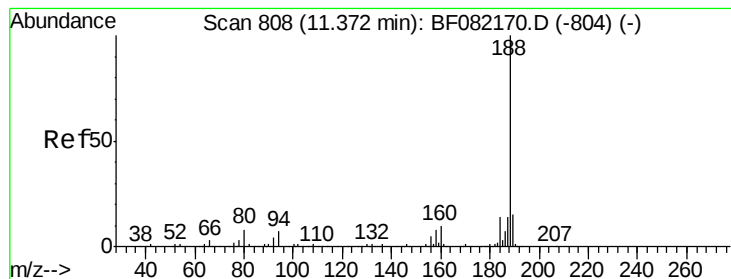
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

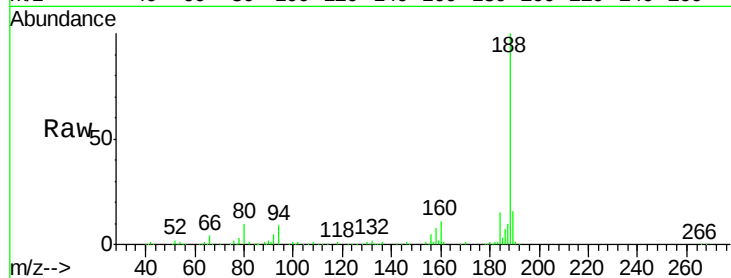
Tot Ion:188 Resp: 289471

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

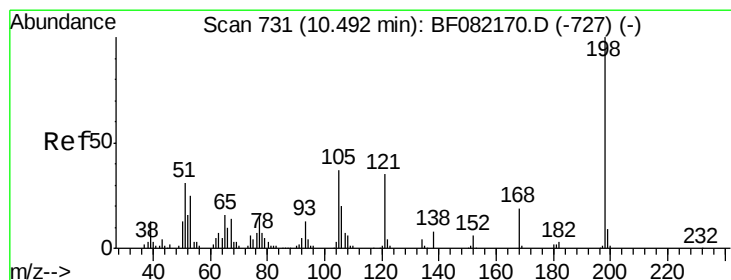
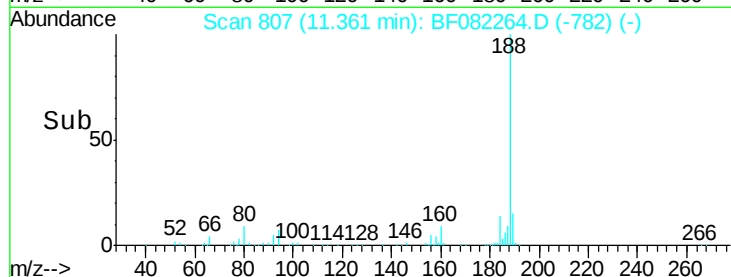
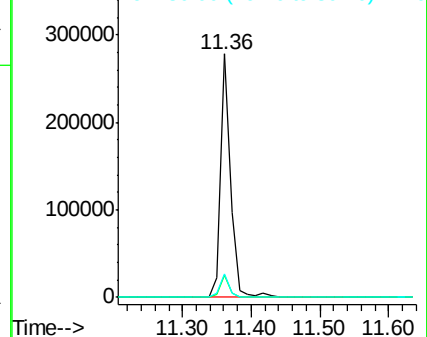
80 9.6 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.27 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

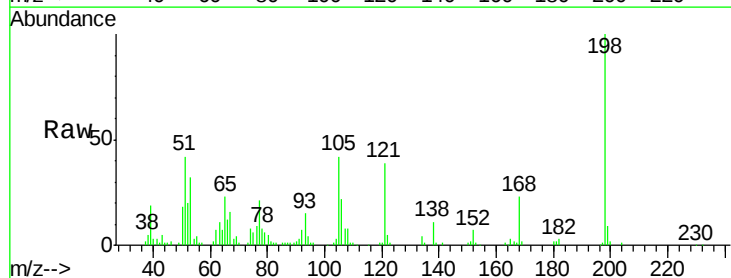
Tgt Ion:198 Resp: 73548

Ion Ratio Lower Upper

198 100

51 41.6 13.6 53.6

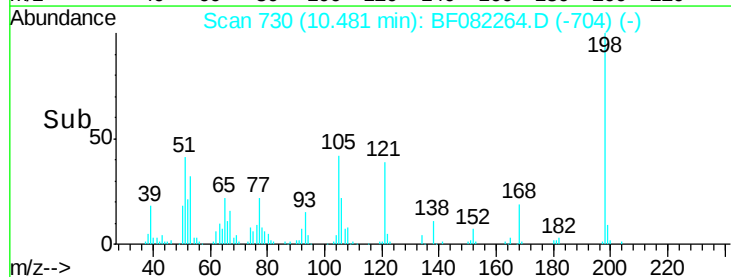
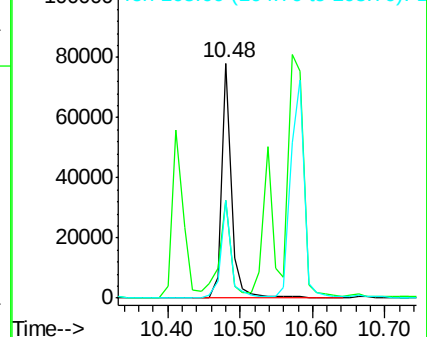
105 41.5 17.1 57.1

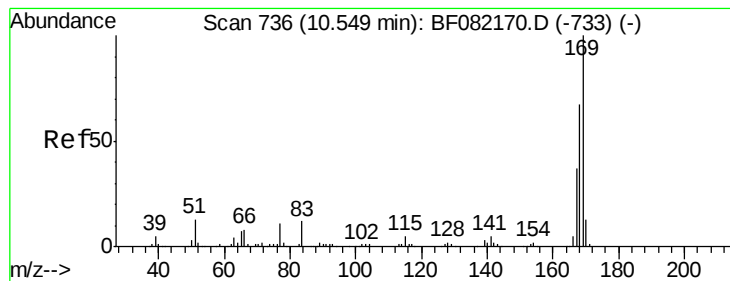


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

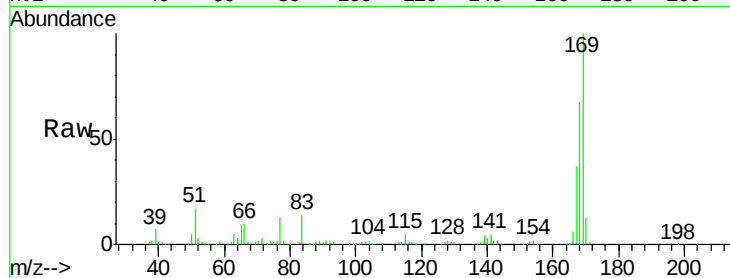




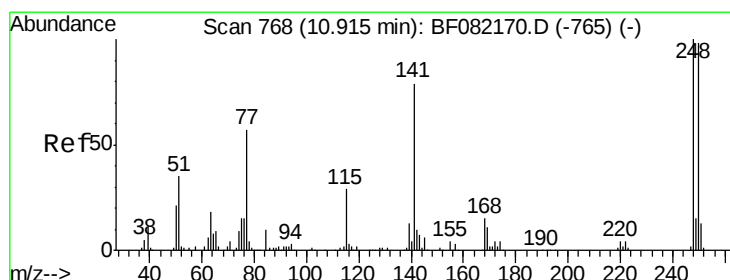
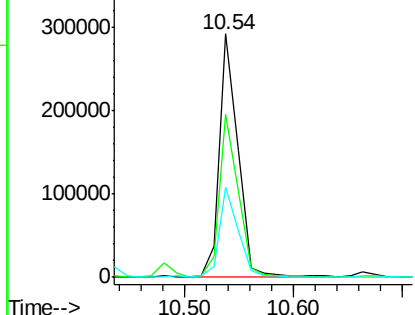
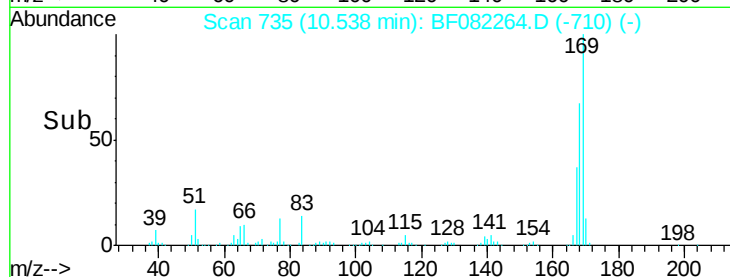
#65
n-Nitrosodiphenylamine
Concen: 40.31 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion	169	Resp	349360
Ion Ratio	100	Lower	Upper
169	100		
168	67.0	54.0	81.0
167	36.7	29.6	44.4

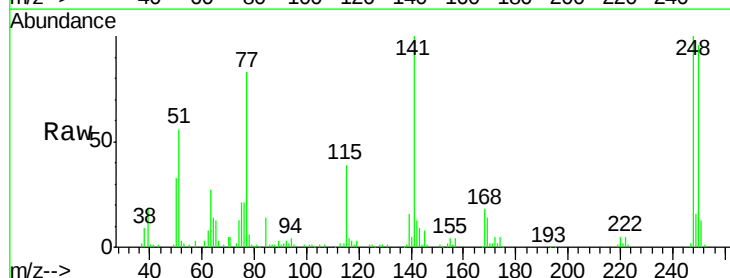


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

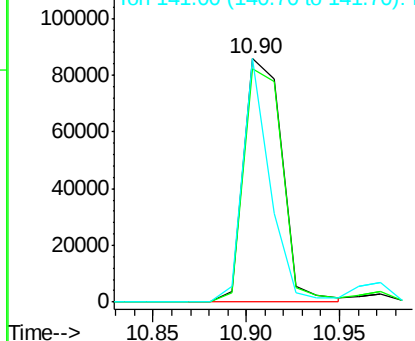
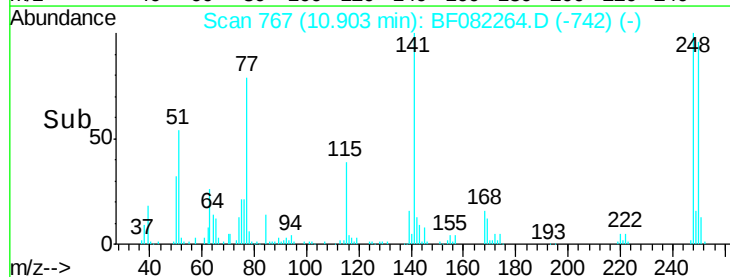


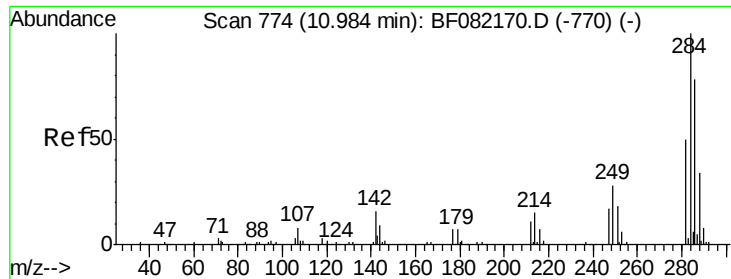
#66
4-Bromophenyl-phenylether
Concen: 41.94 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion	248	Resp	121510
Ion Ratio	100	Lower	Upper
248	100		
250	95.9	78.6	117.8
141	100.0	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

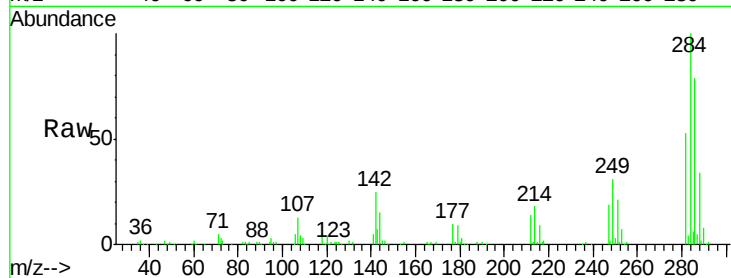




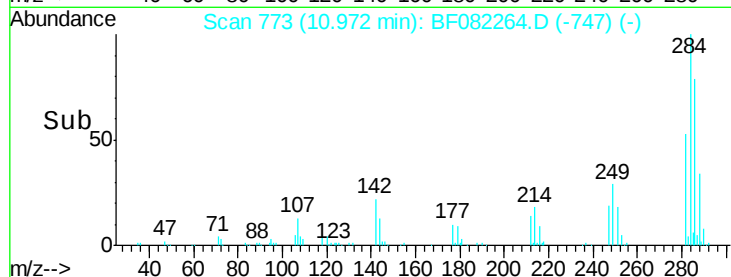
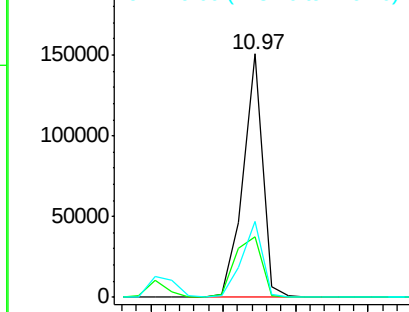
#67
Hexachlorobenzene
Concen: 45.15 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion:284 Resp: 141473
Ion Ratio Lower Upper
284 100
142 24.7 13.0 19.6#
249 31.2 22.5 33.7

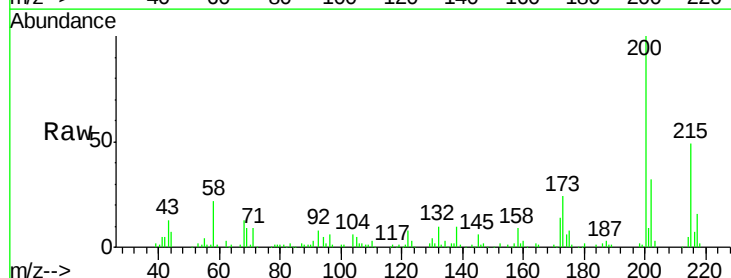


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

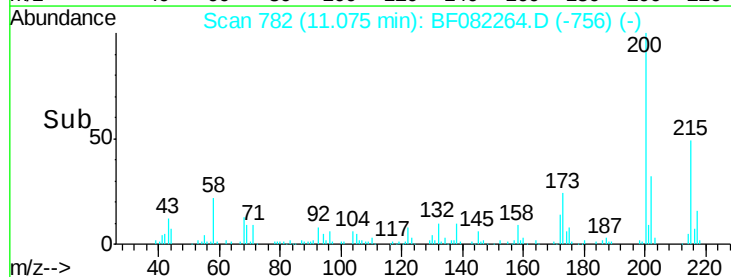
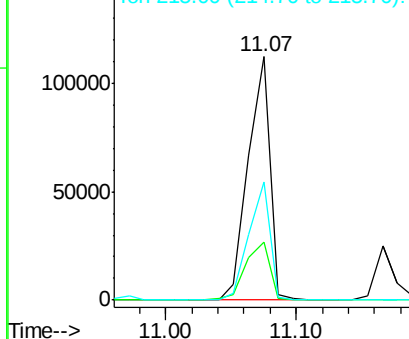


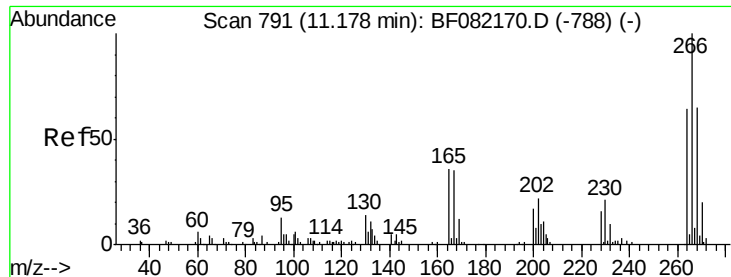
#68
Atrazine
Concen: 47.54 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:200 Resp: 130525
Ion Ratio Lower Upper
200 100
173 23.9 7.3 47.3
215 48.6 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

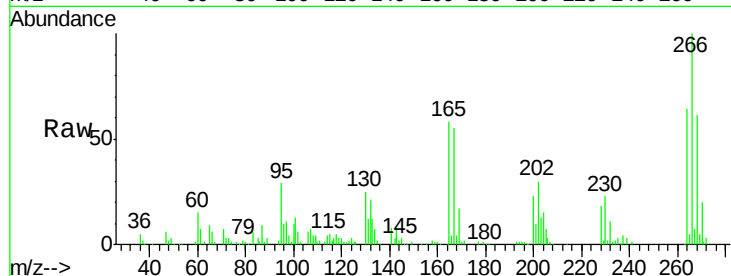




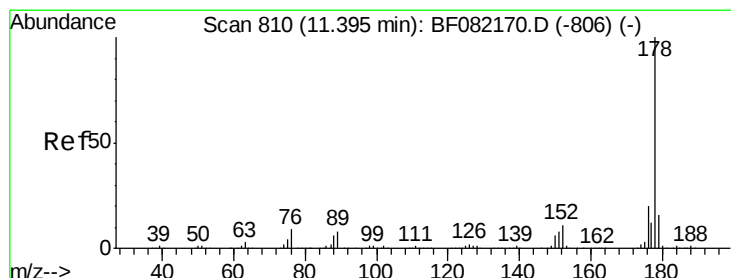
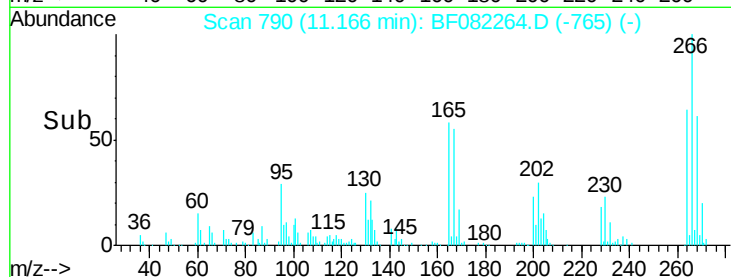
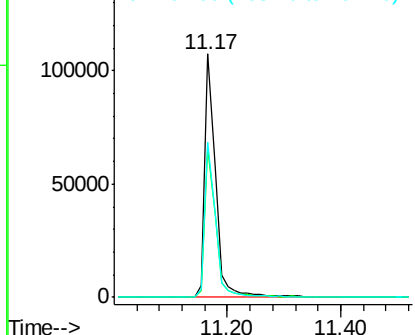
#69
 Pentachlorophenol
 Concen: 84.24 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Tot Ion:266 Resp: 135815
 Ion Ratio Lower Upper
 266 100
 268 61.3 52.0 78.0
 264 63.9 51.4 77.0

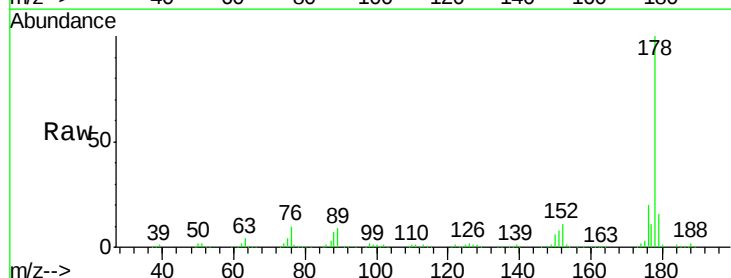


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

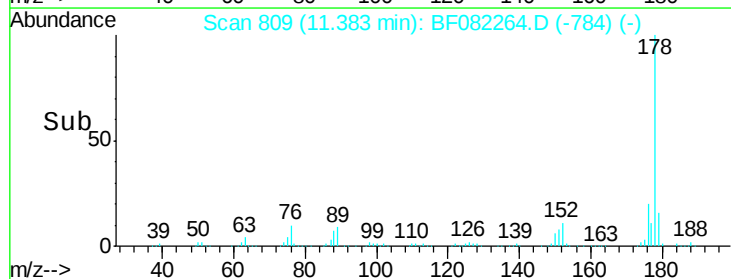
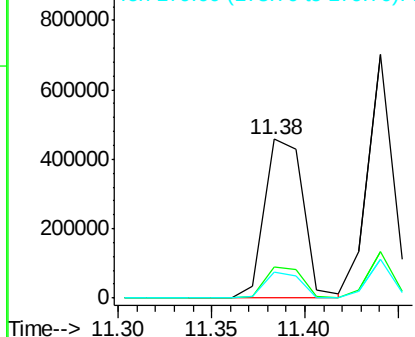


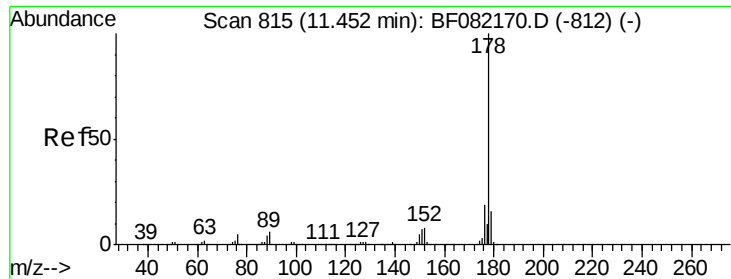
#70
 Phenanthrene
 Concen: 46.31 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion:178 Resp: 657080
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.1 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

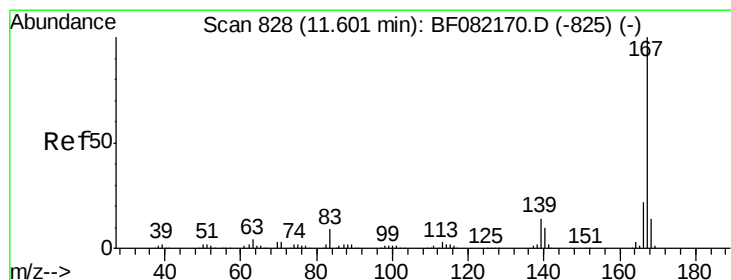
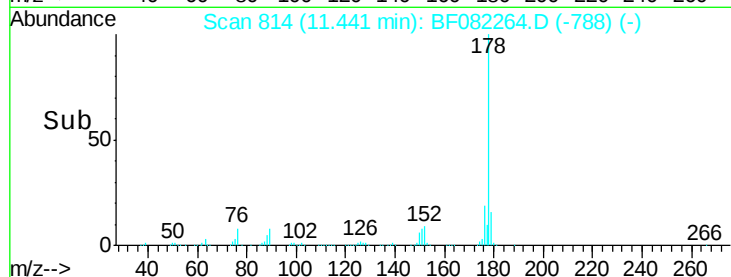
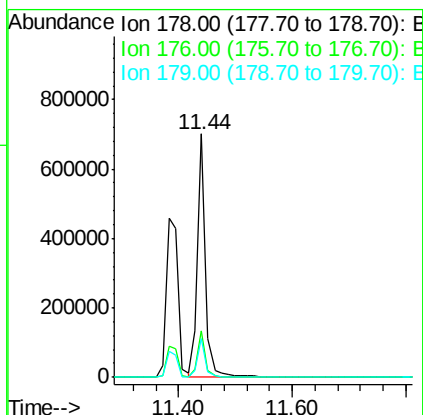
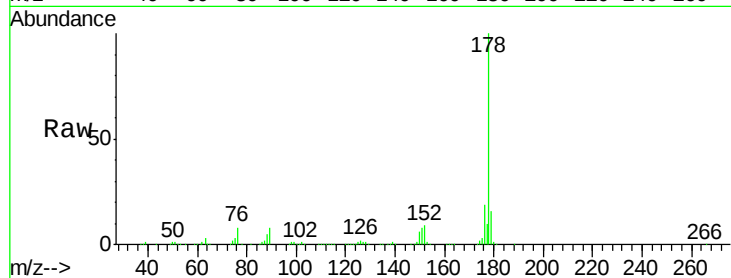




#71
 Anthracene
 Concen: 47.58 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

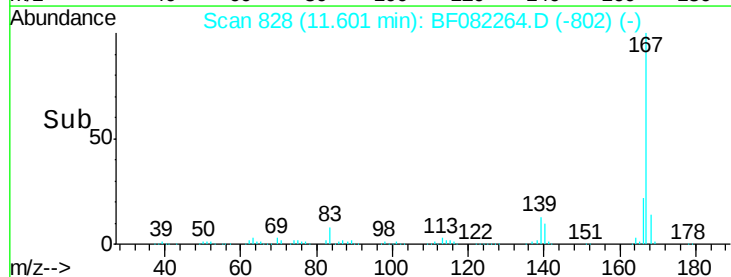
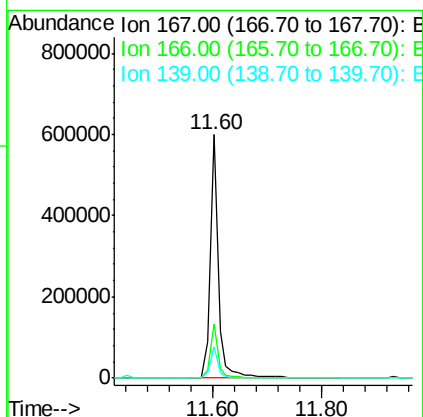
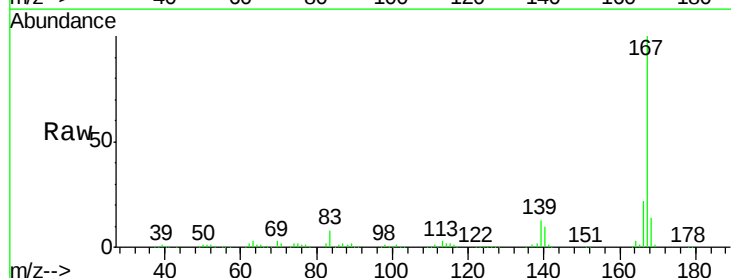
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Tot Ion:178 Resp: 695690
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 46.93 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion:167 Resp: 625956
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.0 11.2 16.8





#73

Di-n-butylphthalate

Concen: 43.21 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

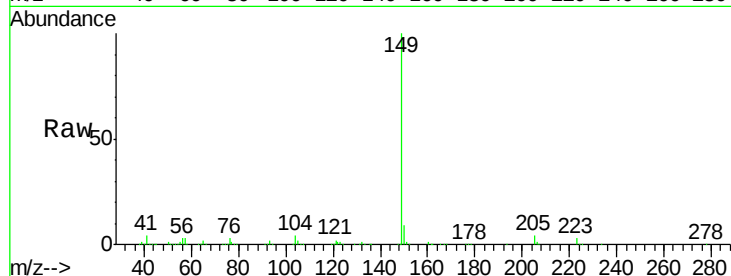
BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

Tot Ion:149 Resp: 710987

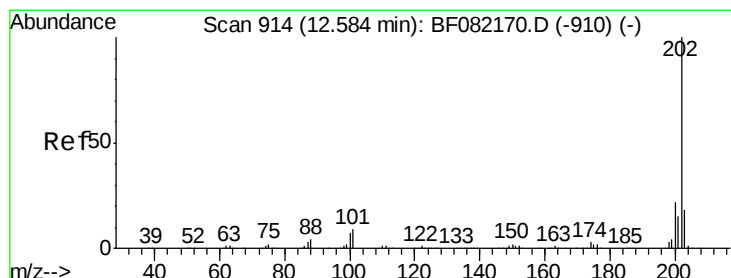
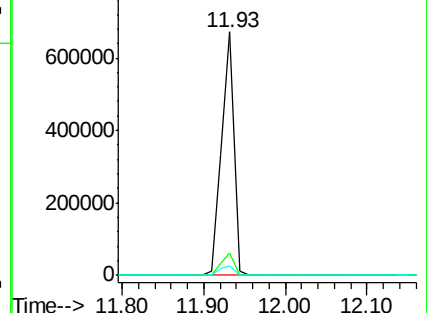
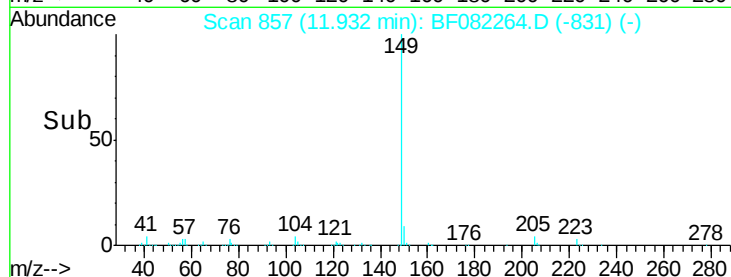
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	3.9	3.8	5.8



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: 48.48 ng

RT: 12.58 min Scan# 914

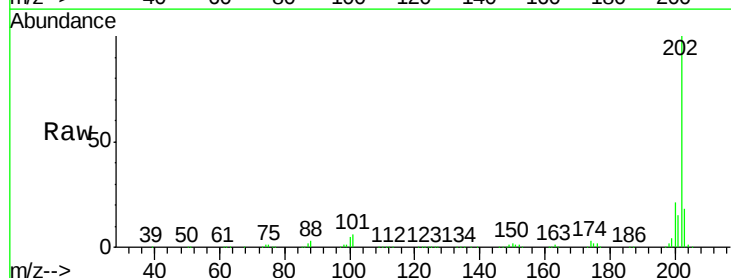
Delta R.T. -0.01 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Tgt Ion:202 Resp: 738771

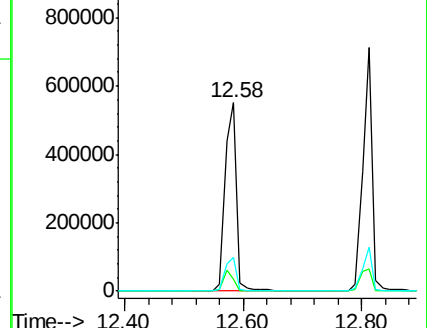
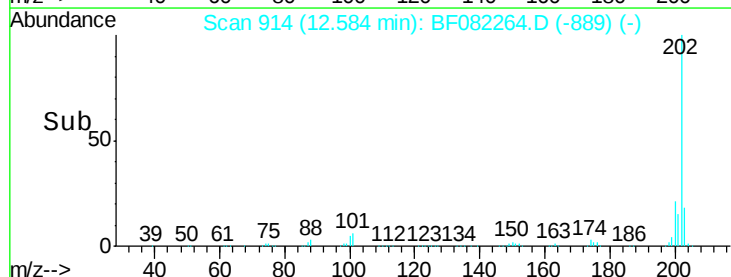
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	29.3
203	17.6	0.0	37.8

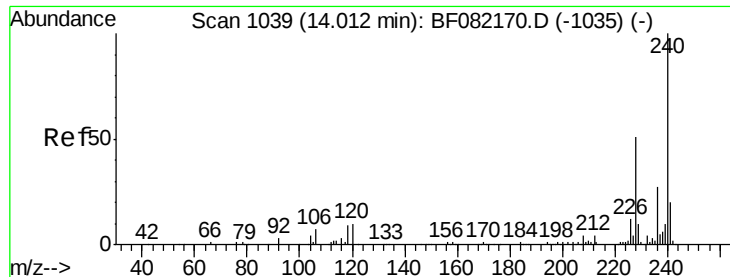


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

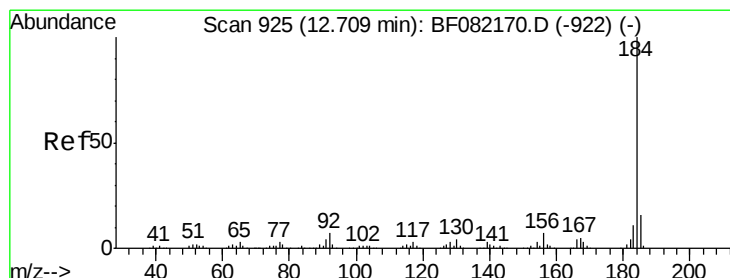
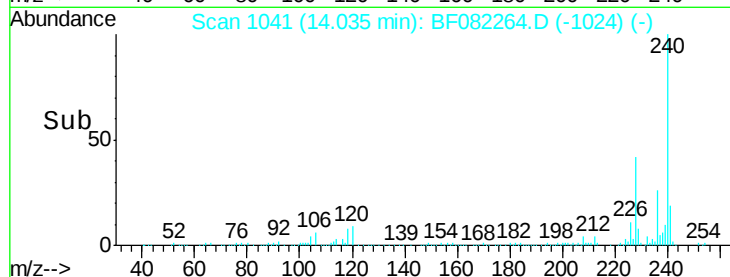
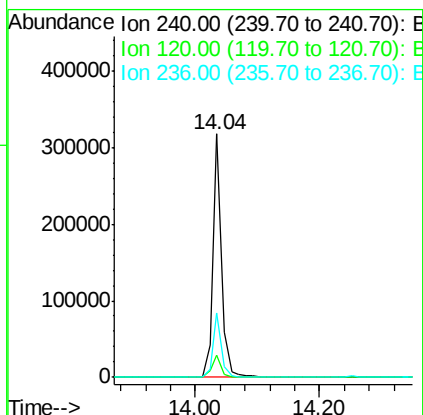
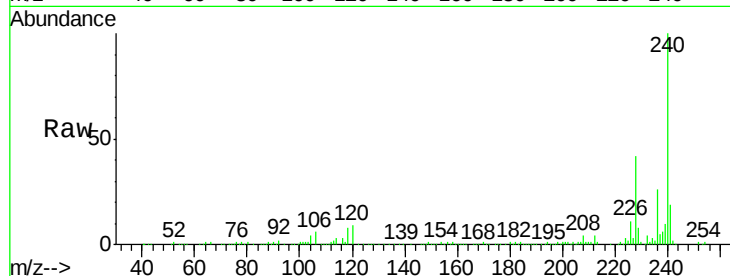




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

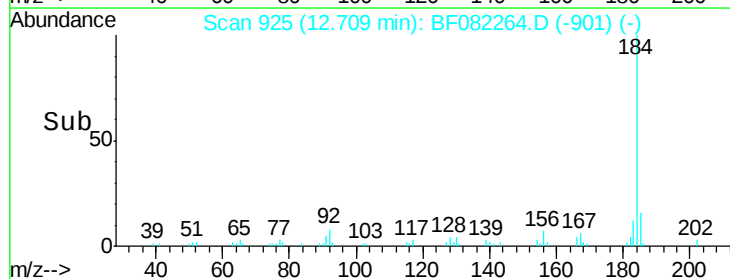
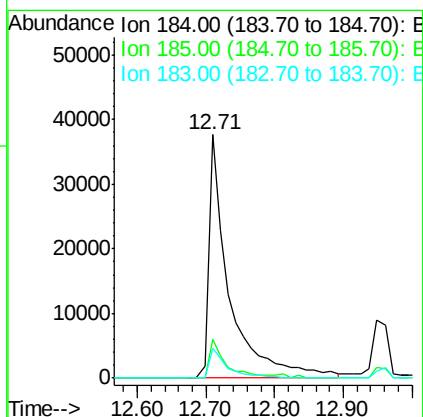
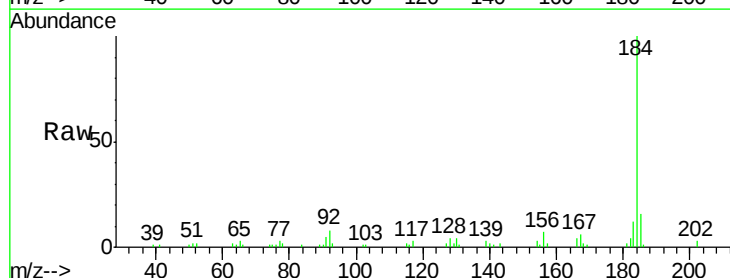
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

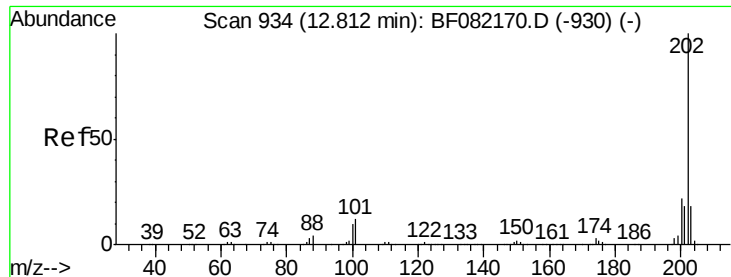
Tot Ion:240 Resp: 301919
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.2 21.3 31.9



#76
Benzidine
Concen: 8.94 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:184 Resp: 78181
Ion Ratio Lower Upper
184 100
185 15.9 12.5 18.7
183 12.1 9.1 13.7

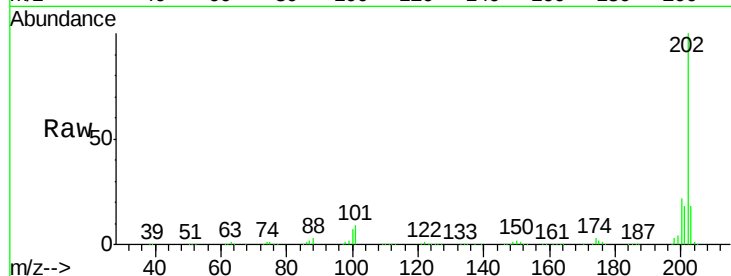




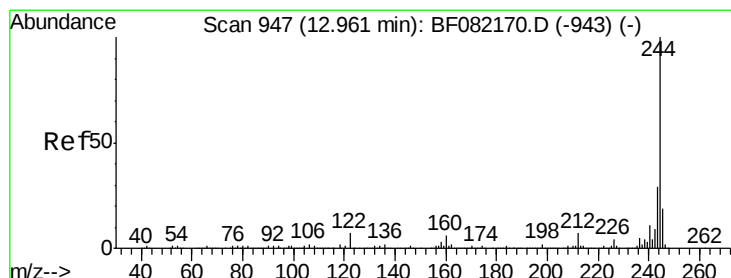
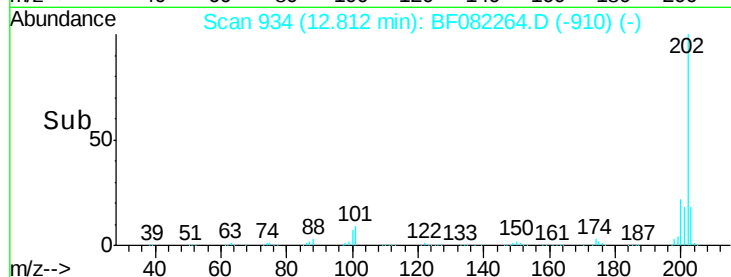
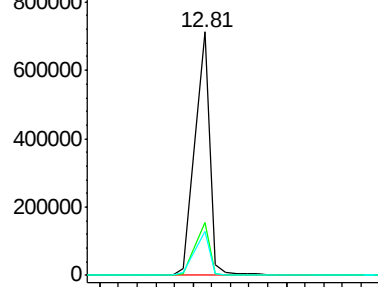
#77
Pvrene
Concen: 43.38 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion:202 Resp: 777348
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 18.0 14.5 21.7

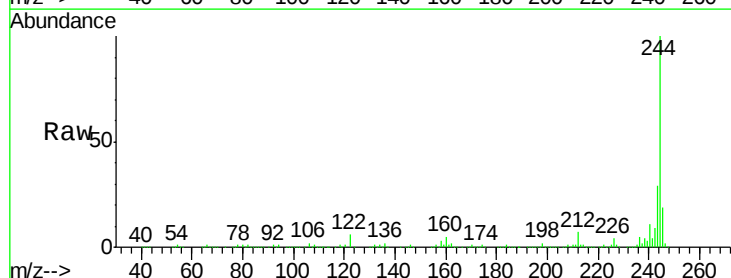


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

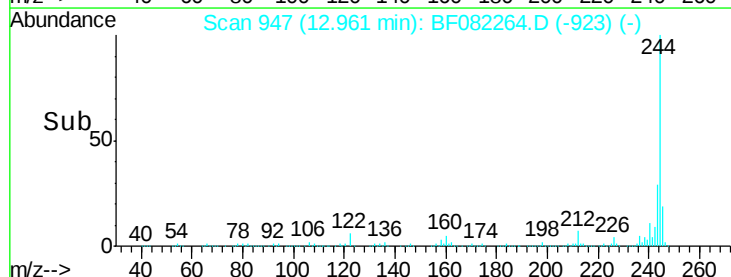
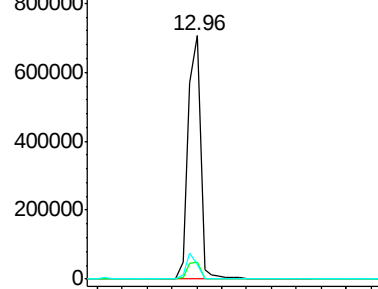


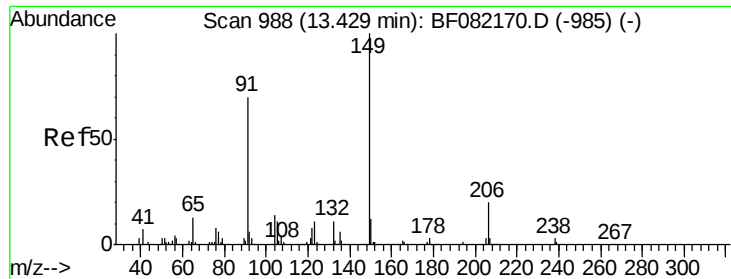
#78
Terphenyl-d14
Concen: 84.33 ng
RT: 12.96 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:244 Resp: 960803
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 5.9 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

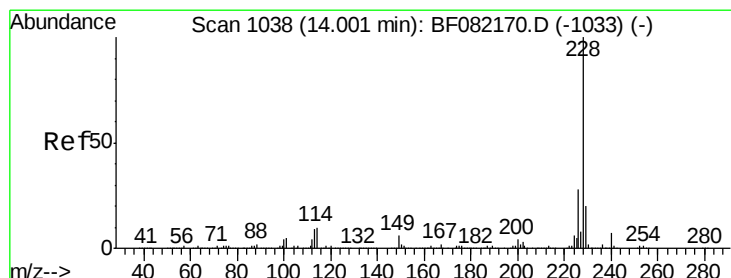
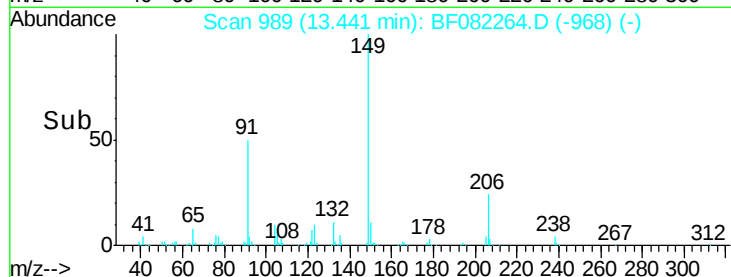
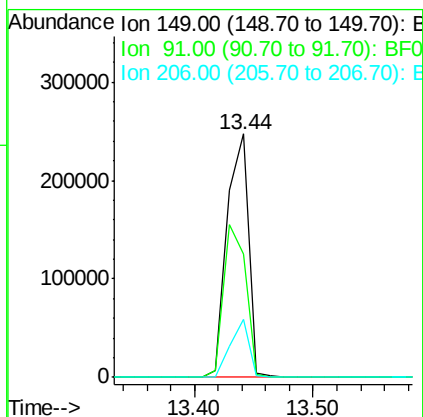
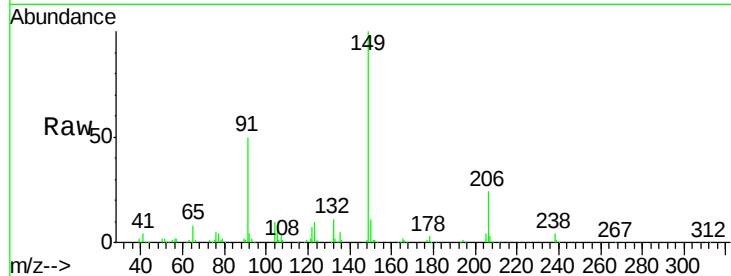




#79
Butylbenzylphthalate
Concen: 38.08 ng
RT: 13.44 min Scan# 989
Delta R.T. -0.06 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

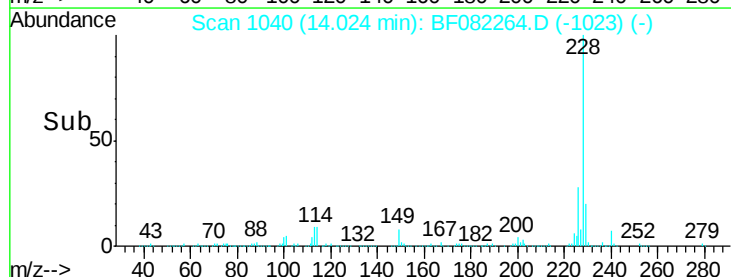
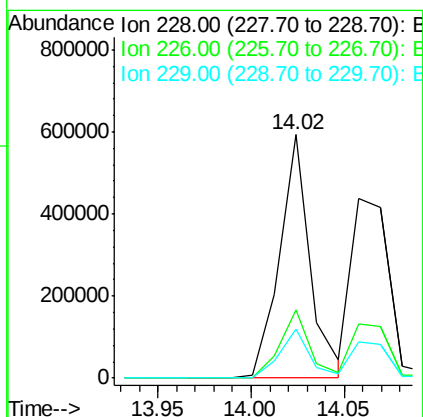
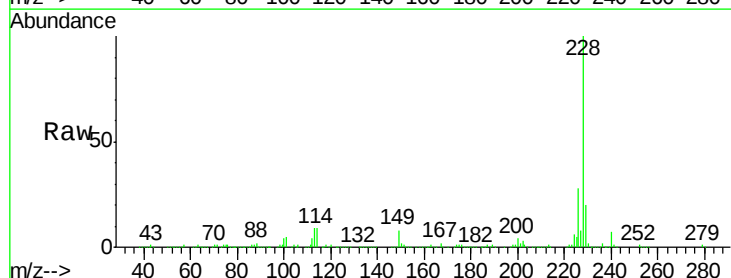
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

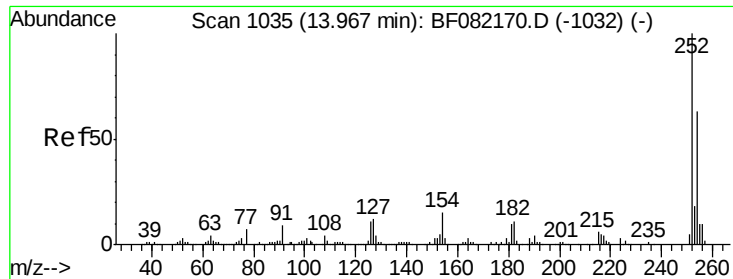
Tot Ion:149 Resp: 311332
Ion Ratio Lower Upper
149 100
91 50.4 55.7 83.5#
206 23.9 15.6 23.4#



#80
Benzo(a)anthracene
Concen: 42.88 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.10 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:228 Resp: 673565
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.3 16.2 24.2

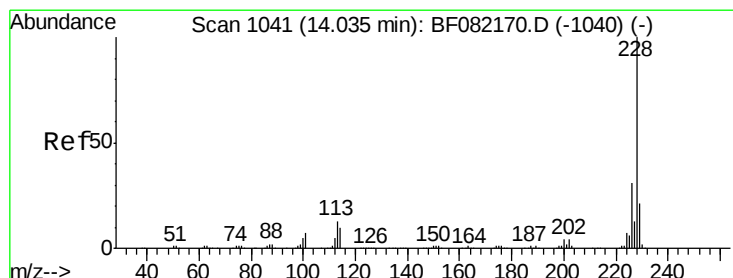
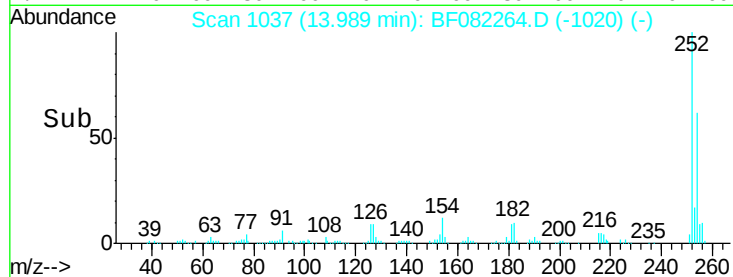
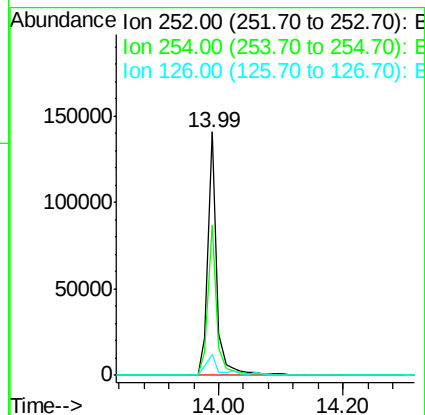
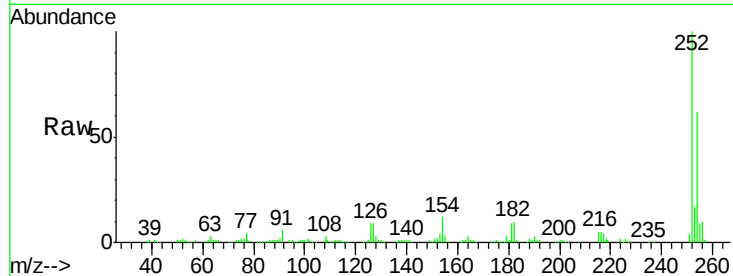




#81
 3,3'-Dichlorobenzidine
 Concen: 24.11 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

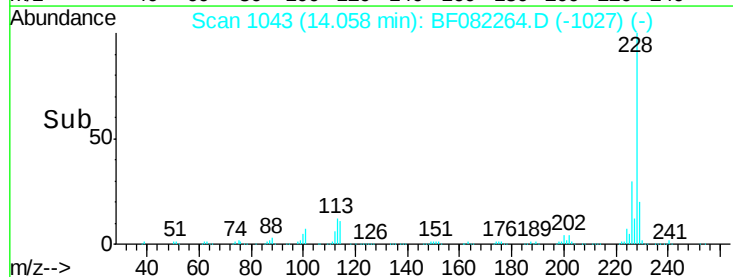
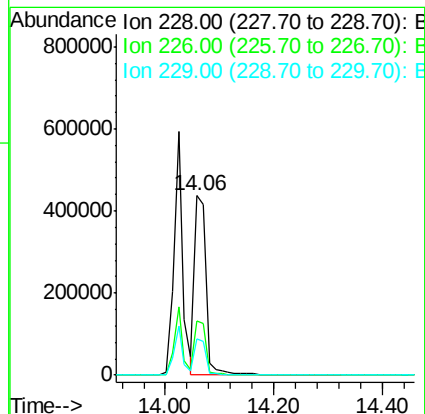
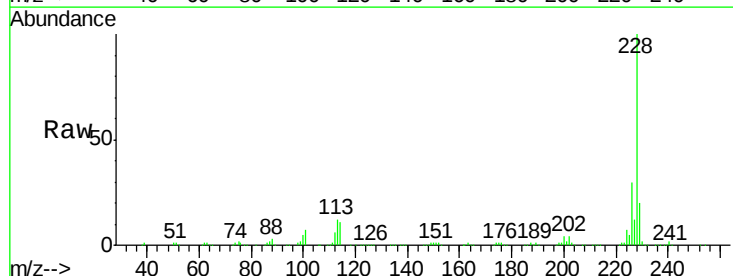
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

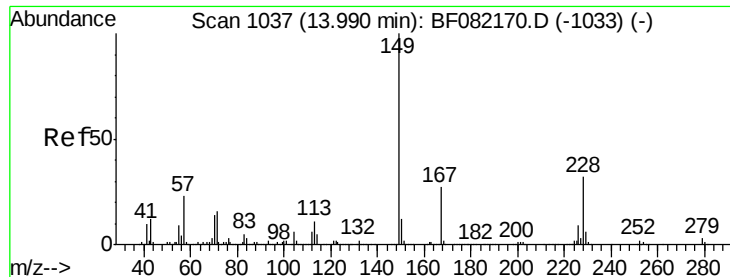
Tot Ion:252 Resp: 143737
 Ion Ratio Lower Upper
 252 100
 254 61.9 50.7 76.1
 126 8.5 9.0 13.6#



#82
 Chrysene
 Concen: 38.73 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.11 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion:228 Resp: 640998
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.4 36.6
 229 20.3 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.65 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.11 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

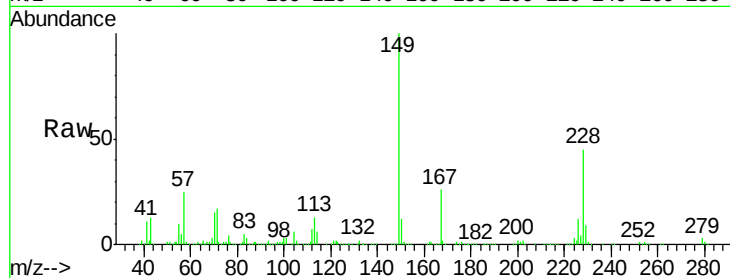
Tot Ion:149 Resp: 404236

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

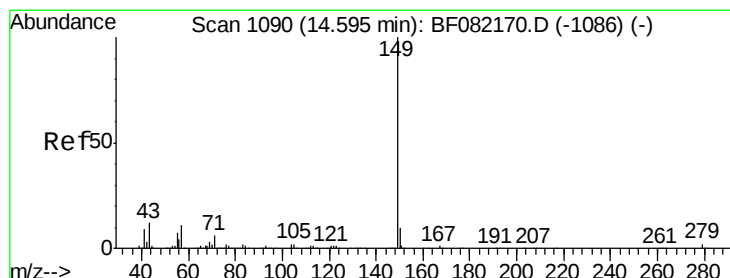
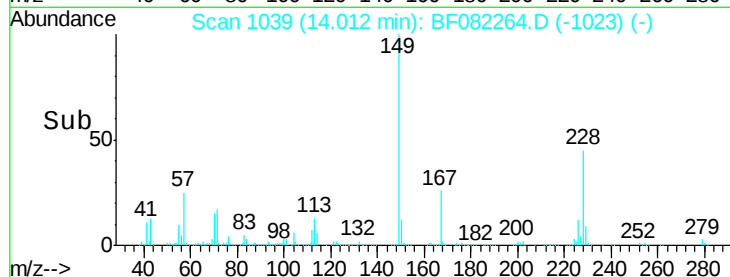
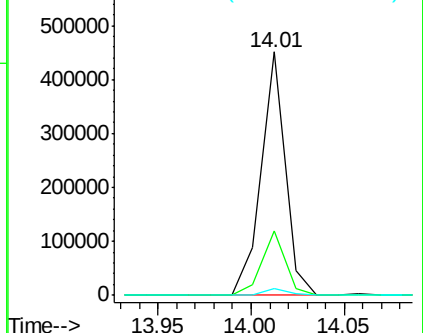
279 3.0 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.40 ng

RT: 14.68 min Scan# 1097

Delta R.T. -0.18 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

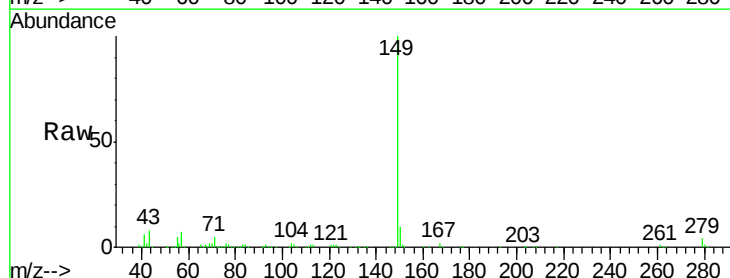
Tgt Ion:149 Resp: 709195

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

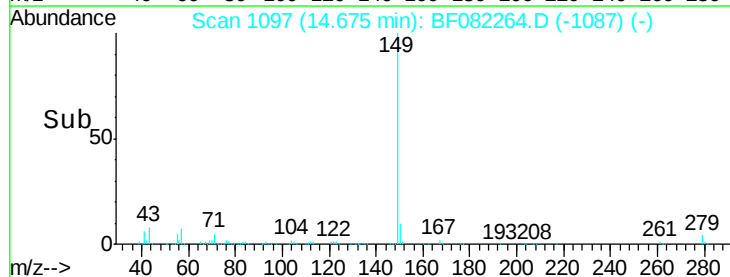
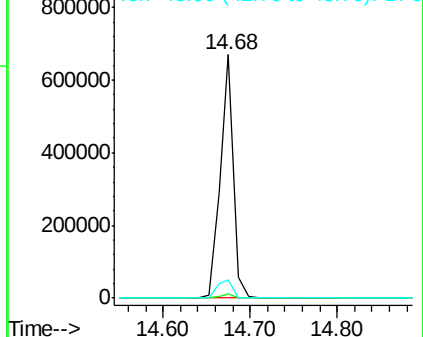
43 9.3 7.4 11.2



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

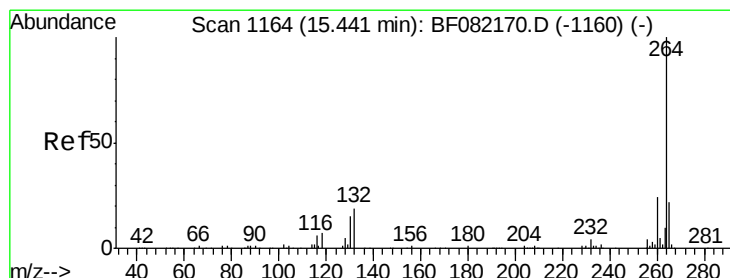
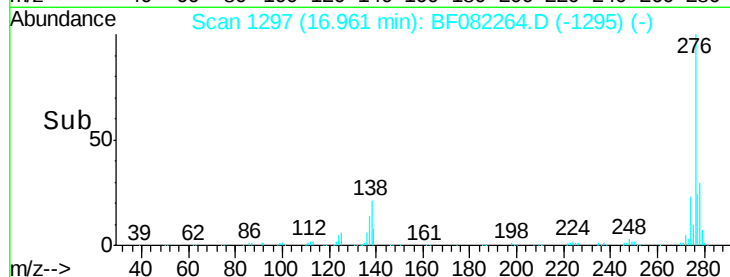
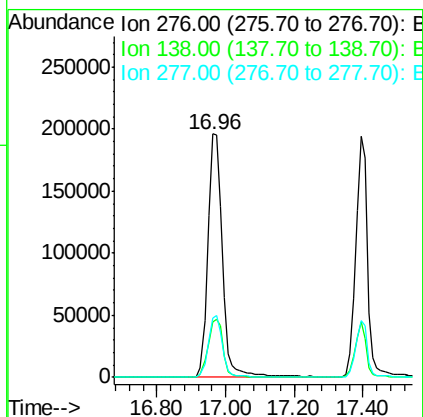
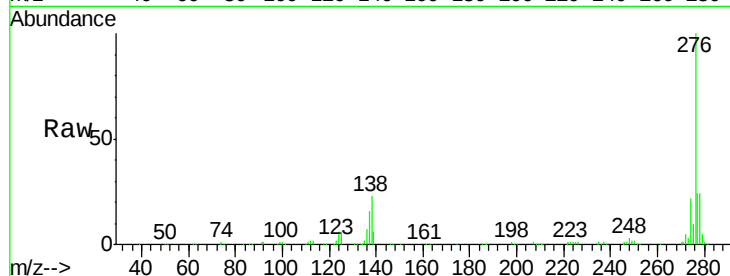




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.39 ng
 RT: 16.96 min Scan# 1297
 Delta R.T. -0.27 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

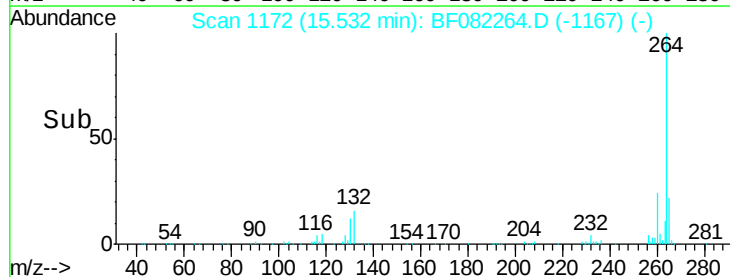
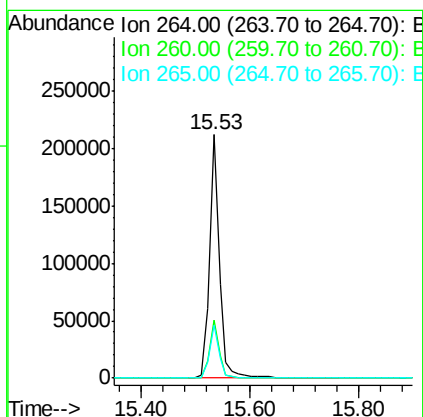
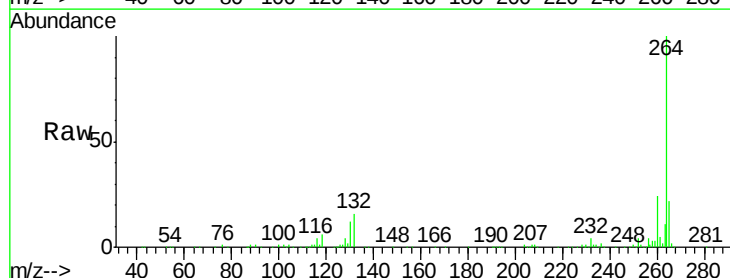
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

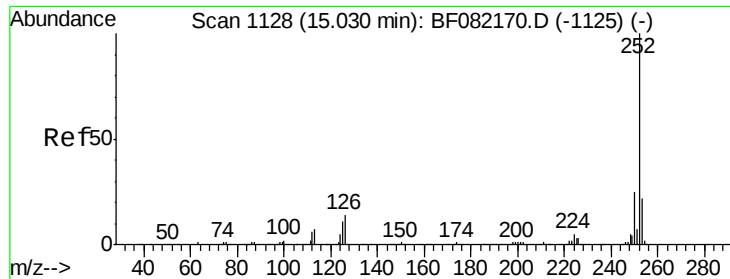
Tot Ion:276 Resp: 584016
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.7 29.5
 277 24.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.24 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Tgt Ion:264 Resp: 269617
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.9 17.3 25.9

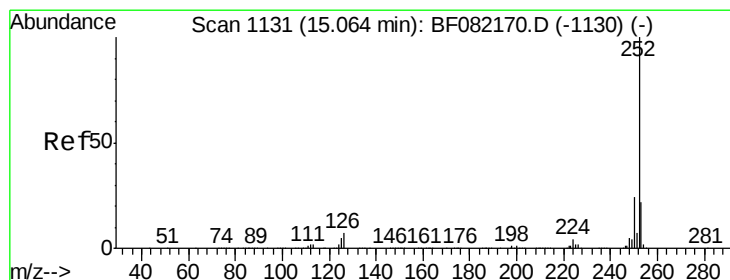
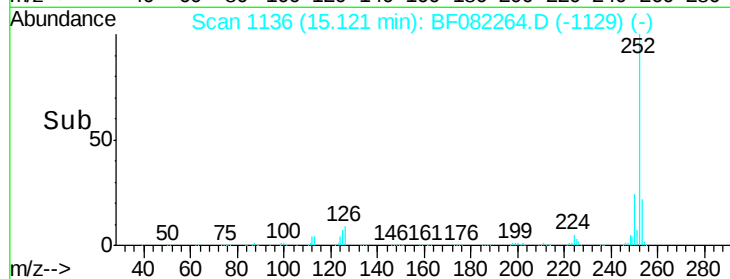
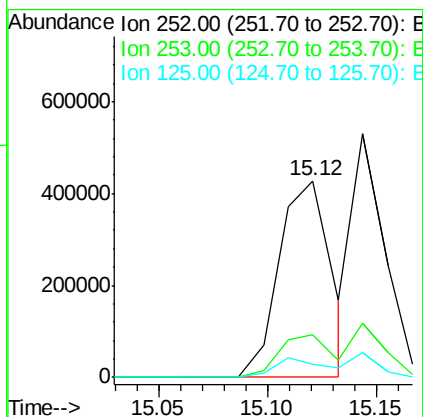
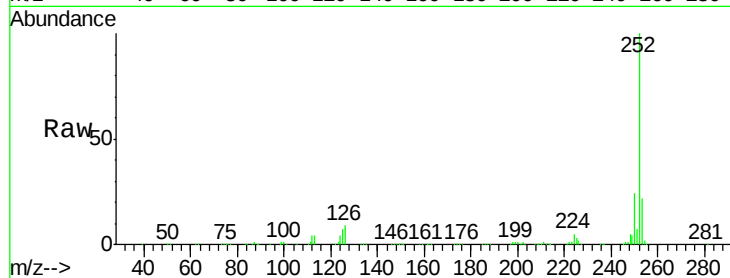




#87
Benzo(b)fluoranthene
Concen: 43.52 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.22 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

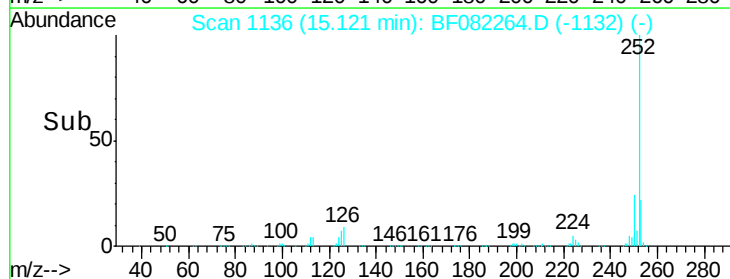
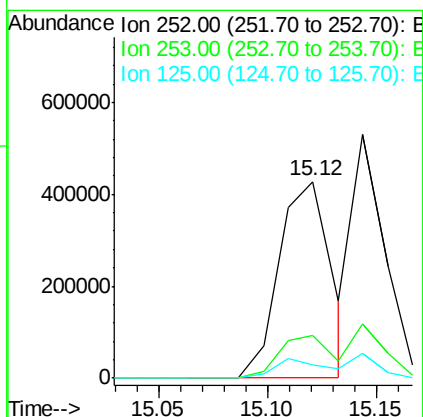
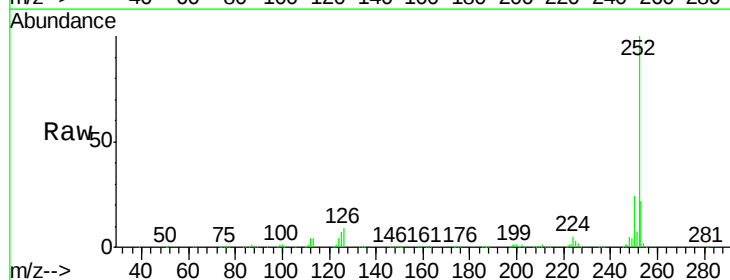
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)MS

Tot Ion:252 Resp: 713804
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 7.0 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 51.77 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.25 min
Lab File: BF082264.D
Acq: 13 Oct 2015 20:00

Tgt Ion:252 Resp: 713804
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 7.0 6.7 10.1





#89

Benzo(a)pyrene

Concen: 44.07 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.23 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)MS

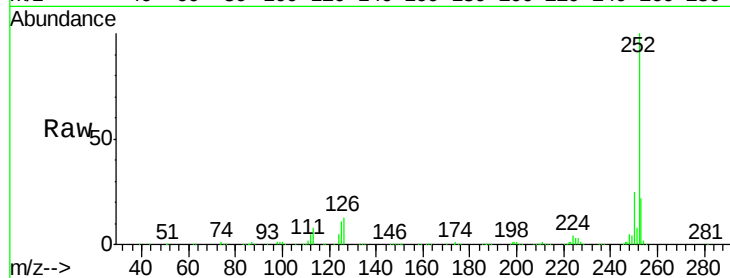
Tot Ion:252 Resp: 621301

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

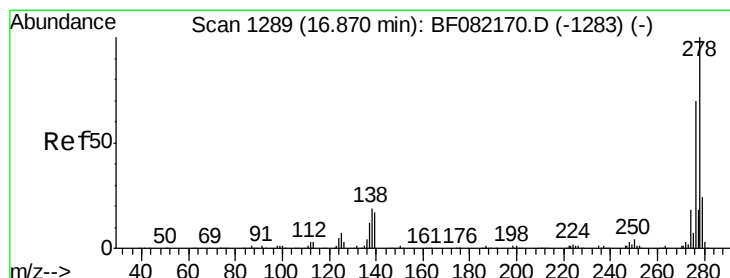
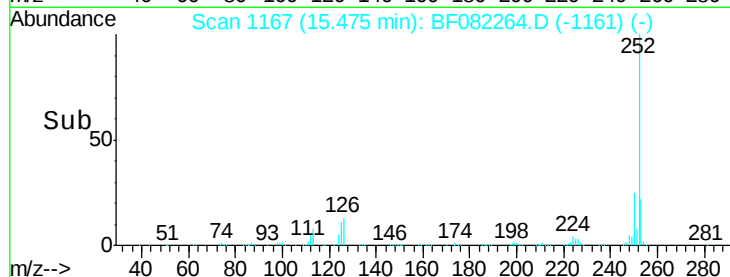
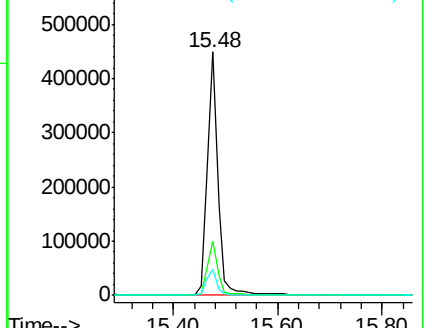
125 10.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.99 ng

RT: 16.98 min Scan# 1299

Delta R.T. -0.26 min

Lab File: BF082264.D

Acq: 13 Oct 2015 20:00

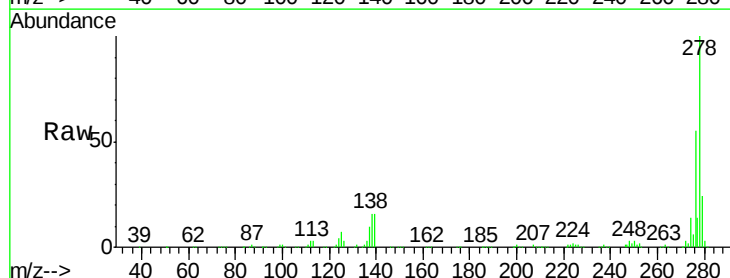
Tgt Ion:278 Resp: 485056

Ion Ratio Lower Upper

278 100

139 16.3 13.3 19.9

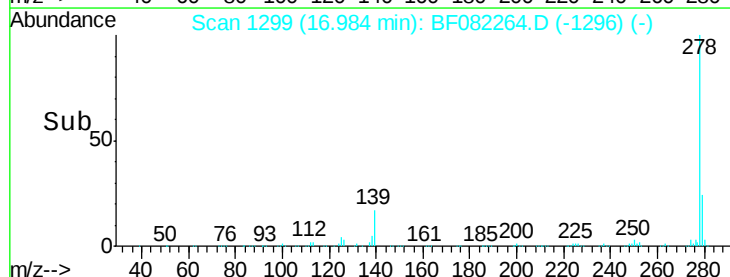
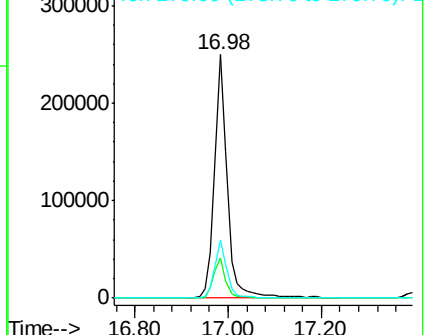
279 24.1 18.9 28.3

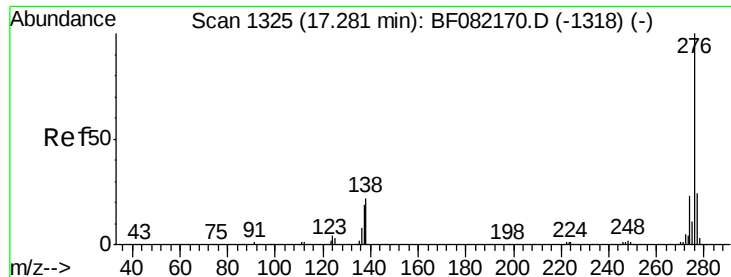


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

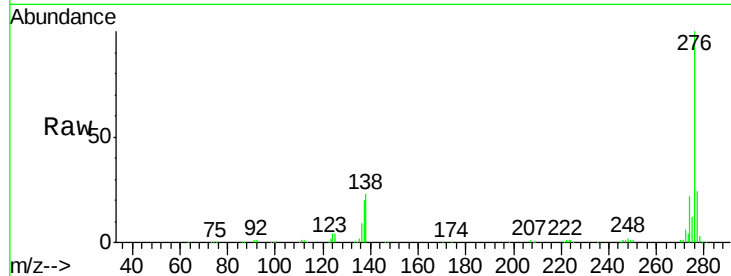




#91
 Benzo(a,h,i)perylene
 Concen: 41.75 ng
 RT: 17.40 min Scan# 1335
 Delta R.T. -0.27 min
 Lab File: BF082264.D
 Acq: 13 Oct 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)MS

Tot Ion:	276	Resp:	468535
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.9	17.4	26.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

