

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082028.D
 Acq On : 3 Oct 2015 18:27
 Operator : UM/IZ
 Sample : G3827-04MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Quant Time: Oct 05 01:40:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	94581	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	386276	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	190159	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	398655	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	338671	20.00	ng	-0.03
86) Perylene-d12	15.53	264	275556	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	683751	131.23	ng	-0.03
7) Phenol-d6	6.53	99	885875	135.12	ng	-0.03
23) Nitrobenzene-d5	7.46	82	542062	93.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	252310	131.01	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	998643	88.61	ng	-0.05
78) Terphenyl-d14	13.02	244	1022710	103.75	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	78656	34.71	ng	88
3) Pyridine	3.25	79	224555	38.07	ng	85
4) n-Nitrosodimethylamine	3.20	42	98975	36.94	ng	96
6) Aniline	6.55	93	201008	22.82	ng	# 86
8) 2-Chlorophenol	6.67	128	256687	44.61	ng	97
9) Benzaldehyde	6.43	77	53318	12.42	ng	# 81
10) Phenol	6.54	94	303887	41.32	ng	80
11) bis(2-Chloroethyl)ether	6.63	93	265973	46.63	ng	93
12) 1,3-Dichlorobenzene	7.06	146	249316	36.68	ng	99
13) 1,4-Dichlorobenzene	7.06	146	254770	35.90	ng	99
14) 1,2-Dichlorobenzene	7.06	146	264379	41.81	ng	98
15) Benzyl Alcohol	7.03	79	186060	39.31	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	341089	42.30	ng	83
17) 2-Methylphenol	7.14	107	213843	45.84	ng	# 86
18) Hexachloroethane	7.39	117	89938	40.48	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	164314	41.24	ng	# 78
20) 3+4-Methylphenols	7.29	107	257966	43.78	ng	# 67
22) Acetophenone	7.30	105	347103	43.95	ng	# 82
24) Nitrobenzene	7.47	77	259188	41.19	ng	# 68
25) Isophorone	7.71	82	487554	42.45	ng	# 92
26) 2-Nitrophenol	7.79	139	144143	47.72	ng	# 84
27) 2,4-Dimethylphenol	7.83	122	258274	48.61	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	296515	43.47	ng	# 95
29) 2,4-Dichlorophenol	8.03	162	239402	46.47	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	243737	42.37	ng	97
31) Naphthalene	8.19	128	713392	41.68	ng	97
32) Benzoic acid	7.83	122	258274	76.17	ng	# 28
33) 4-Chloroaniline	8.25	127	127293	17.20	ng	# 96
34) Hexachlorobutadiene	8.31	225	138634	40.75	ng	97
35) Caprolactam	8.63	113	41243	28.92	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	244253	48.48	ng	85
37) 2-Methylnaphthalene	8.89	142	515191	44.10	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	239547	41.03	ng	99
40) Hexachlorocyclopentadiene	9.04	237	222622	74.05	ng	96

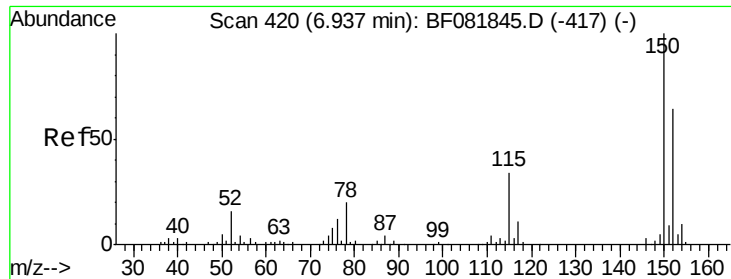
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082028.D
 Acq On : 3 Oct 2015 18:27
 Operator : UM/IZ
 Sample : G3827-04MSD
 Misc :
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Quant Time: Oct 05 01:40:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	164708	41.15	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	193454	47.00	ng	97
45) 1,1'-Biphenyl	9.36	154	639573	43.60	ng	94
46) 2-Chloronaphthalene	9.38	162	516040	44.80	ng	97
47) 2-Nitroaniline	9.49	65	155461	45.97	ng	93
48) Acenaphthylene	9.79	152	742513	40.27	ng	96
49) Dimethylphthalate	9.67	163	909566	69.30	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	132430	46.47	ng	# 70
51) Acenaphthene	9.97	154	440458	40.23	ng	89
52) 3-Nitroaniline	9.90	138	107423	32.58	ng	# 78
53) 2,4-Dinitrophenol	10.00	184	10490	15.73	ng	# 12
54) Dibenzofuran	10.14	168	679931	43.94	ng	# 85
55) 4-Nitrophenol	10.06	139	186368	78.23	ng	# 48
56) 2,4-Dinitrotoluene	10.13	165	169545	46.67	ng	# 74
57) Fluorene	10.49	166	546969	49.65	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	141114	43.22	ng	89
59) Diethylphthalate	10.37	149	574872	46.89	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	265504	46.87	ng	94
61) 4-Nitroaniline	10.51	138	139536	42.21	ng	# 48
62) Azobenzene	10.64	77	568321	47.50	ng	92
64) 4,6-Dinitro-2-methylphenol	10.54	198	52480	31.68	ng	83
65) n-Nitrosodiphenylamine	10.61	169	516046	42.78	ng	92
66) 4-Bromophenyl-phenylether	10.97	248	174574	43.43	ng	94
67) Hexachlorobenzene	11.03	284	164411	36.24	ng	# 85
68) Atrazine	11.13	200	163707	43.74	ng	83
69) Pentachlorophenol	11.23	266	179178	69.32	ng	97
70) Phenanthrene	11.45	178	807725	41.99	ng	96
71) Anthracene	11.51	178	898047	44.32	ng	98
72) Carbazole	11.66	167	786907	42.91	ng	95
73) Di-n-butylphthalate	11.99	149	844160	45.20	ng	# 98
74) Fluoranthene	12.64	202	860095	40.27	ng	91
76) Benzidine	12.78	184	300880	29.49	ng	97
77) Pyrene	12.87	202	863607	42.68	ng	96
79) Butylbenzylphthalate	13.50	149	386074	50.71	ng	94
80) Benzo(a)anthracene	14.07	228	722303	39.61	ng	96
81) 3,3'-Dichlorobenzidine	14.04	252	194934	31.65	ng	# 94
82) Chrysene	14.10	228	745907	49.27	ng	93
83) Bis(2-ethylhexyl)phthalate	14.06	149	508414	53.24	ng	# 94
84) Di-n-octyl phthalate	14.68	149	832979	53.60	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.00	276	680873	47.73	ng	# 87
87) Benzo(b)fluoranthene	15.14	252	1295297	82.33	ng	# 86
88) Benzo(k)fluoranthene	15.14	252	1297713	90.00	ng	# 86
89) Benzo(a)pyrene	15.48	252	618102	45.29	ng	# 87
90) Dibenzo(a,h)anthracene	17.02	278	571439	49.91	ng	# 80
91) Benzo(g,h,i)perylene	17.44	276	561435	47.85	ng	# 75

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

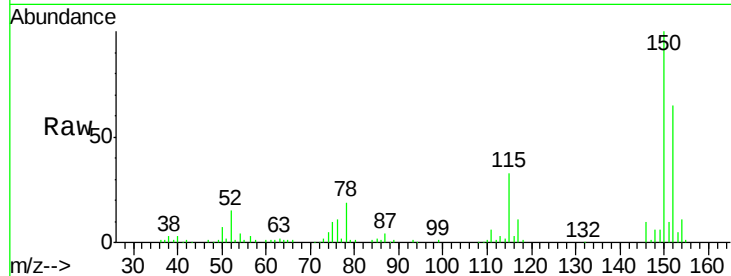


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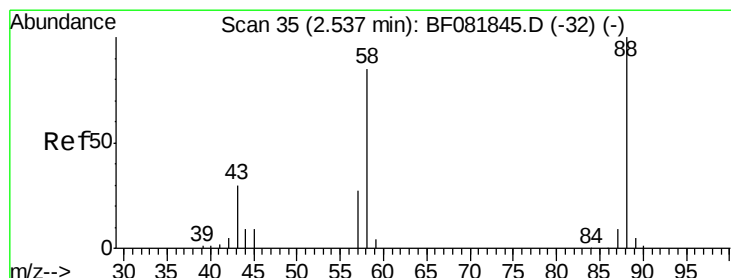
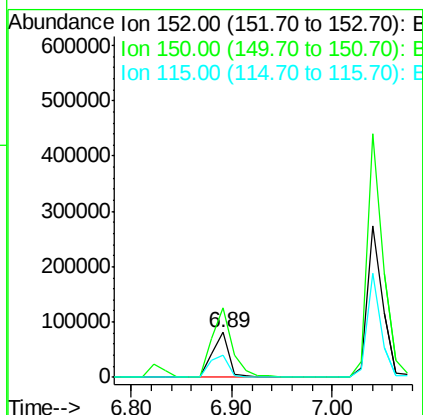
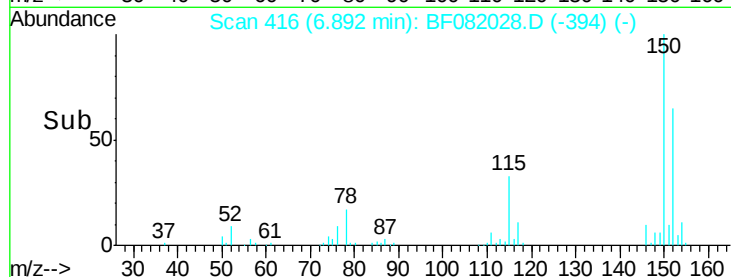
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tgt Ion:152 Resp: 94581
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 49.9 39.0 58.4



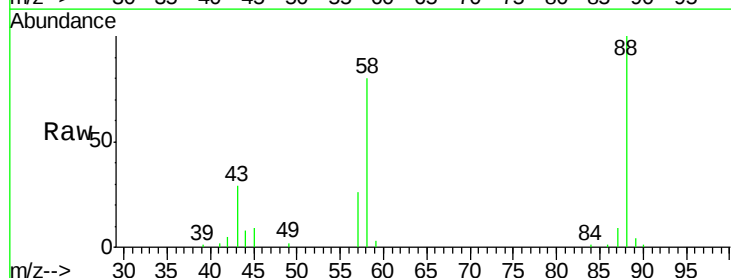
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



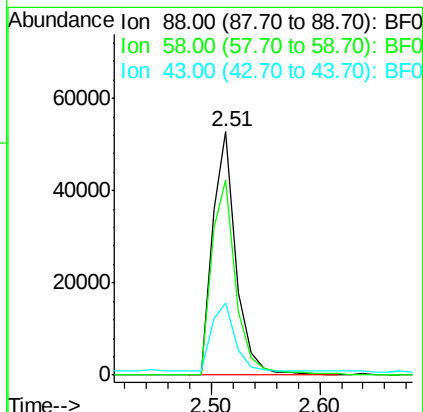
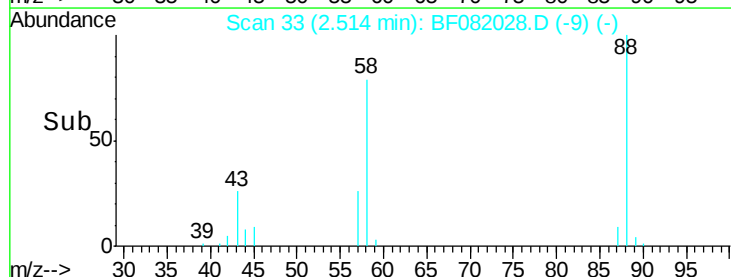
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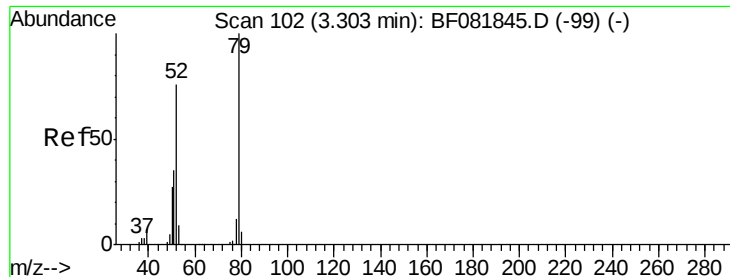
1,4-Dioxane
Concen: 34.71 ng
RT: 2.51 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion: 88 Resp: 78656
Ion Ratio Lower Upper
88 100
58 83.7 77.7 116.5
43 28.4 26.6 40.0



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

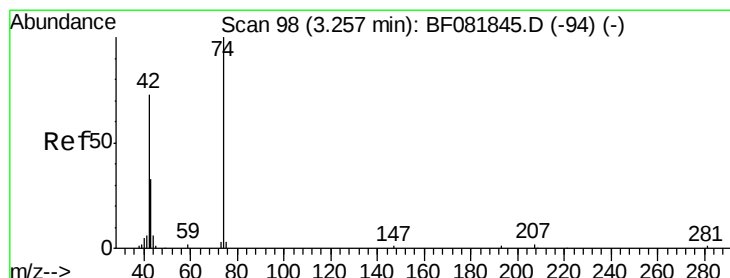
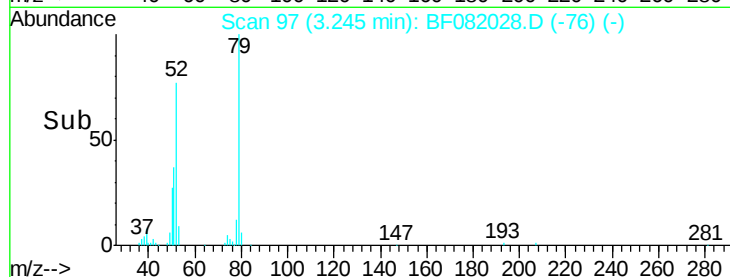
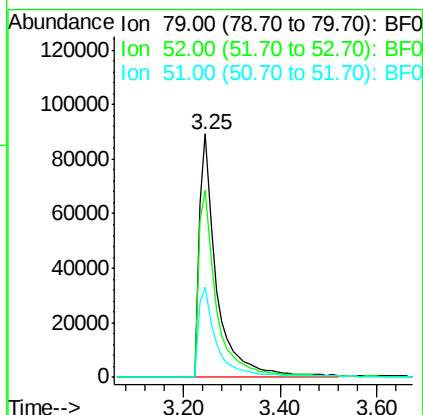
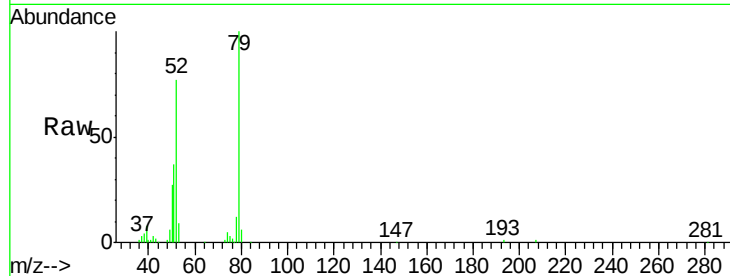




#3
 Pyridine
 Concen: 38.07 ng
 RT: 3.25 min Scan# 97
 Delta R.T. -0.06 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

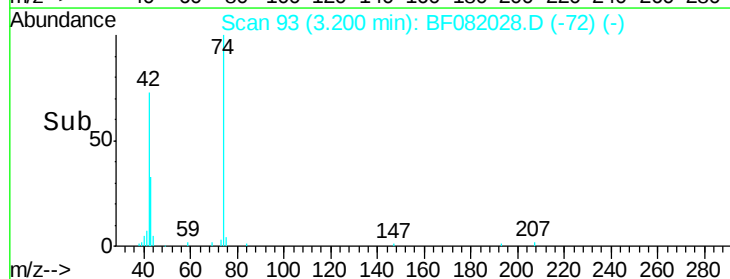
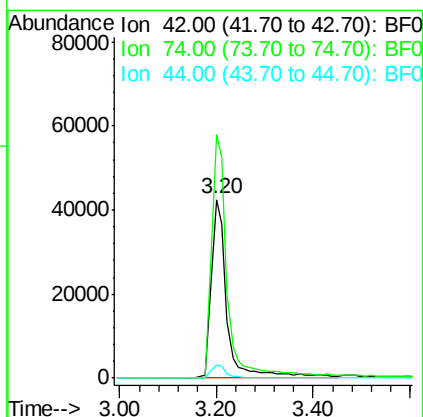
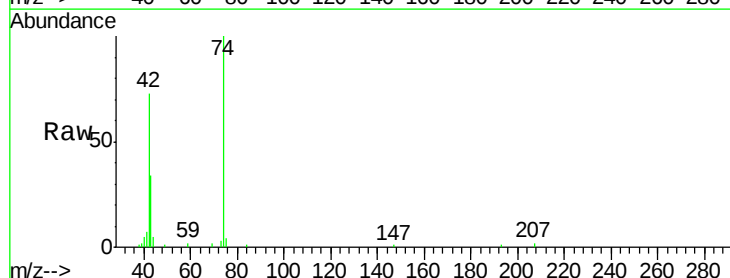
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion: 79 Resp: 224555
 Ion Ratio Lower Upper
 79 100
 52 77.0 76.8 115.2
 51 37.2 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 36.94 ng
 RT: 3.20 min Scan# 93
 Delta R.T. -0.06 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion: 42 Resp: 98975
 Ion Ratio Lower Upper
 42 100
 74 136.2 105.0 157.6
 44 7.0 6.6 10.0





#5

2-Fluorophenol

Concen: 131.23 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

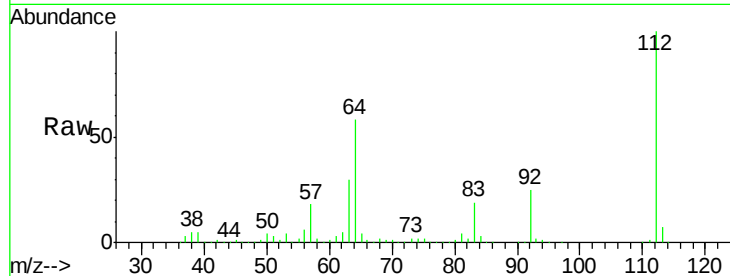
Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

Tgt Ion:	112	Resp:	683751
Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.7	59.5
63	30.4	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.49

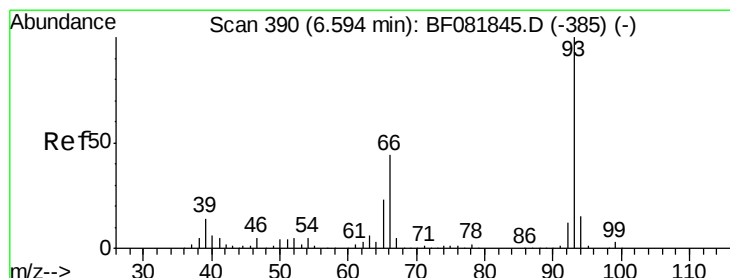
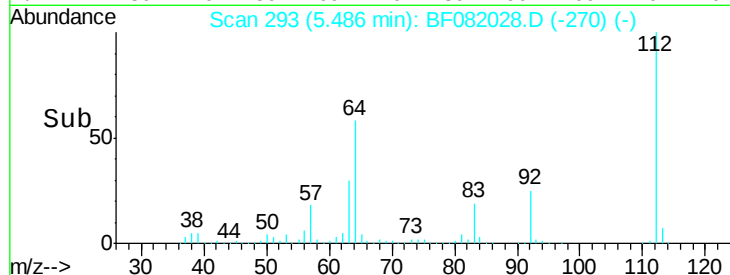
600000

400000

200000

0

Time-->



#6

Aniline

Concen: 22.82 ng

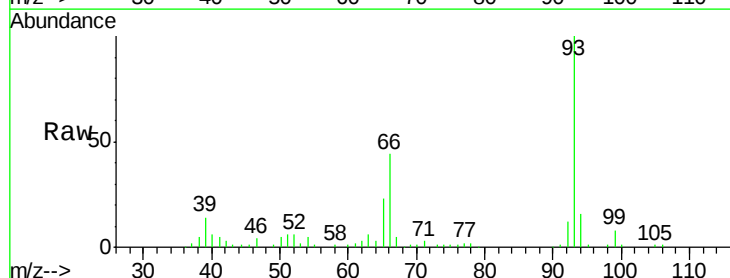
RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion:	93	Resp:	201008
Ion	Ratio	Lower	Upper
93	100		
66	43.6	27.2	40.8#
65	22.5	14.7	22.1#



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

6.55

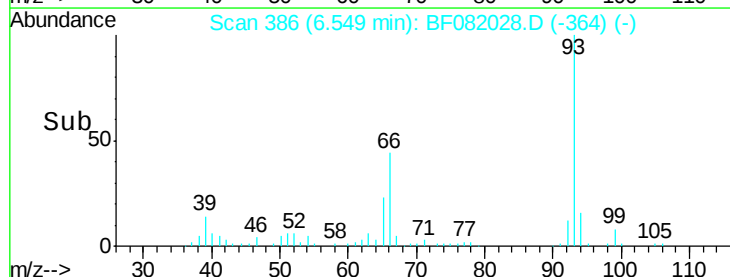
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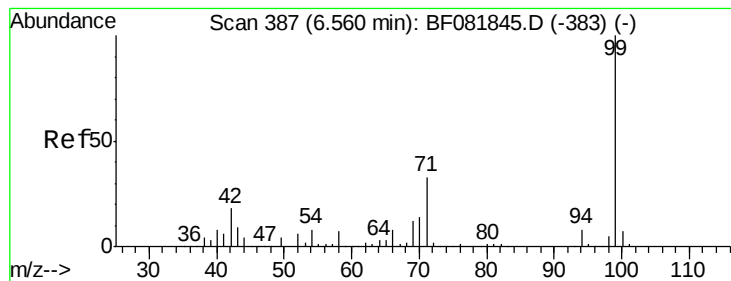
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 135.12 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

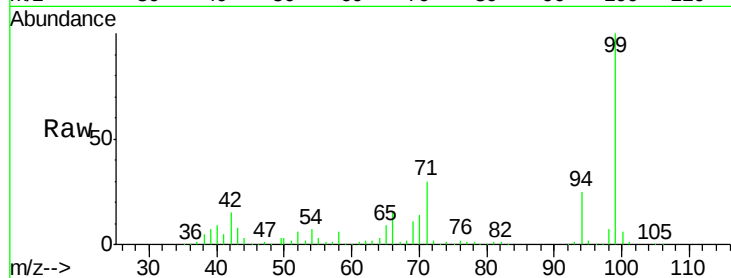
Tgt Ion: 99 Resp: 885875

Ion Ratio Lower Upper

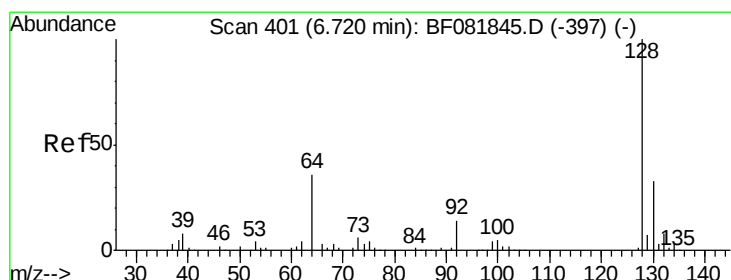
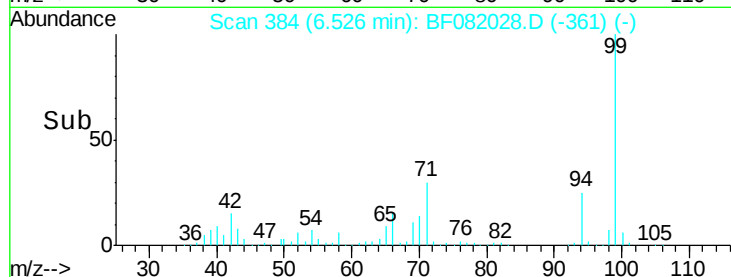
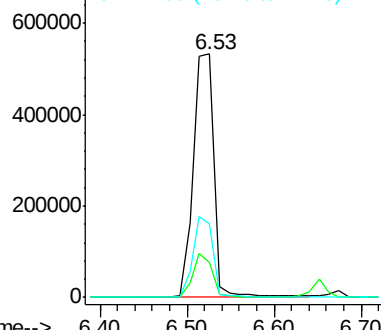
99 100

42 14.5 13.7 20.5

71 30.3 14.2 21.2#



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: 44.61 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

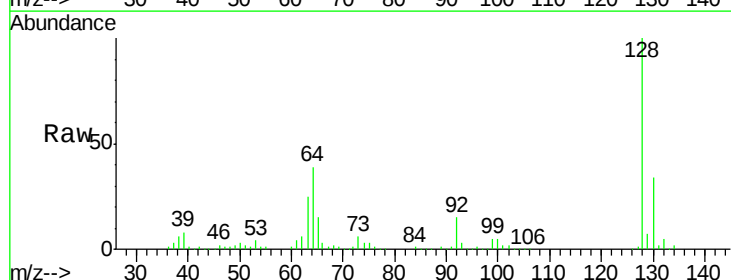
Tgt Ion: 128 Resp: 256687

Ion Ratio Lower Upper

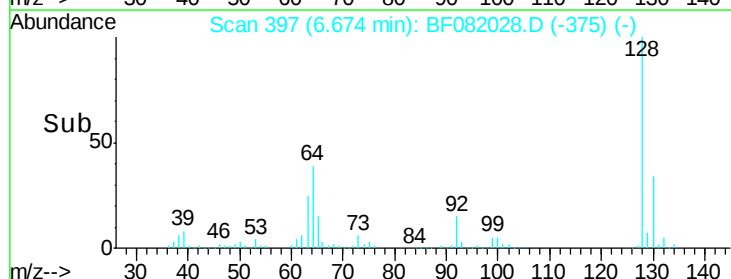
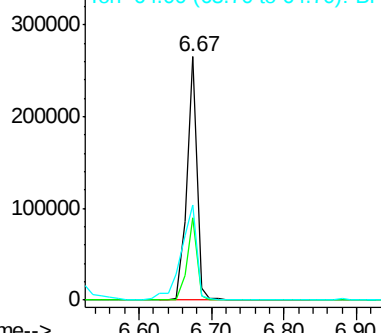
128 100

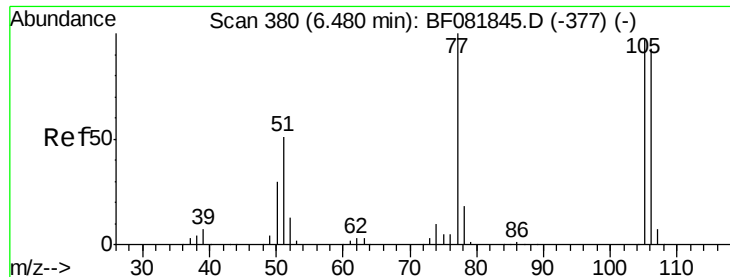
130 33.7 12.2 52.2

64 38.9 20.5 60.5



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: 12.42 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

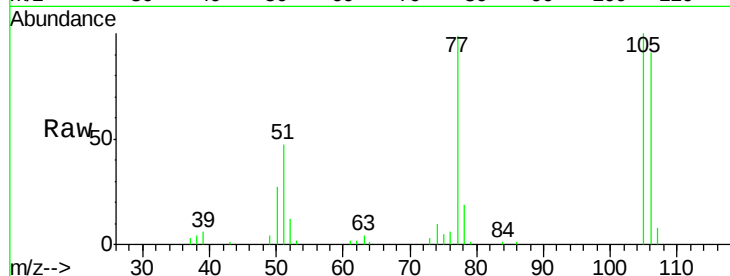
Tgt Ion: 77 Resp: 53318

Ion Ratio Lower Upper

77 100

105 100.7 91.6 131.6

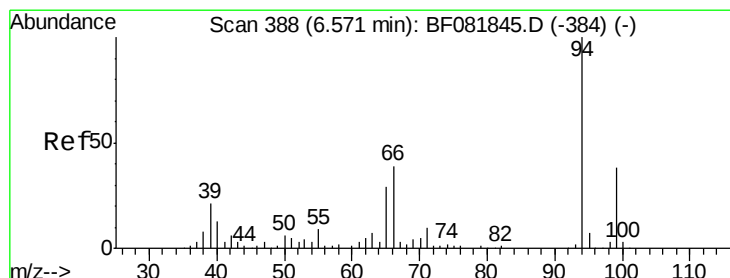
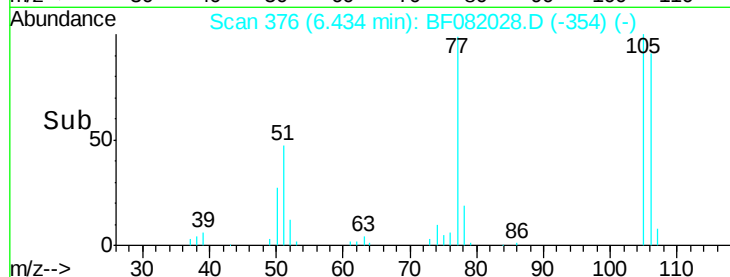
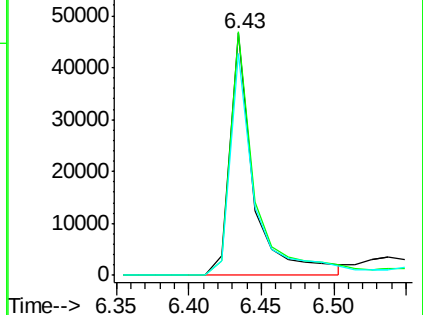
106 92.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.32 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

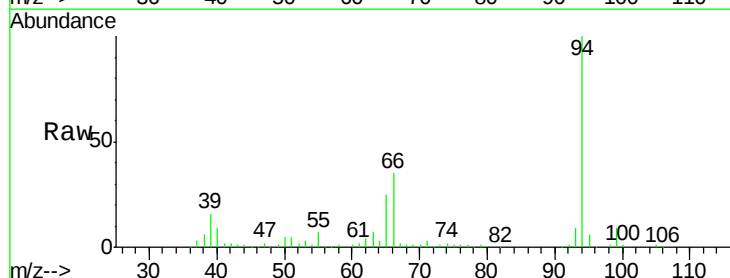
Tgt Ion: 94 Resp: 303887

Ion Ratio Lower Upper

94 100

65 25.2 0.7 40.7

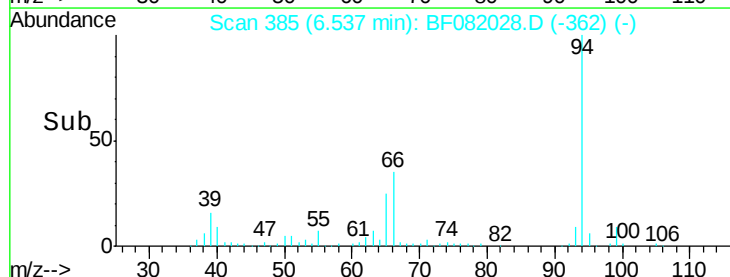
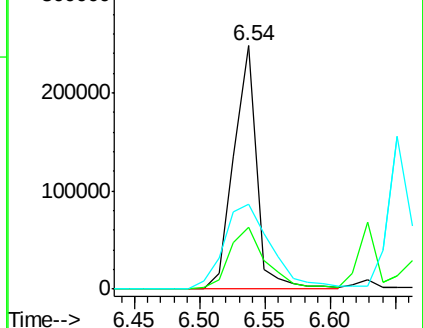
66 34.7 0.8 40.8

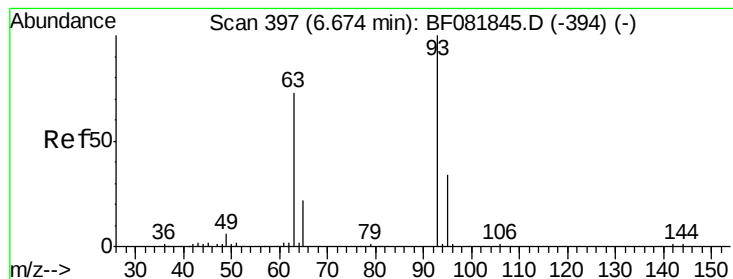


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.63 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

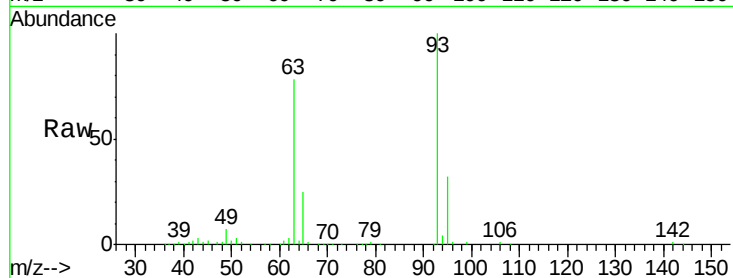
Tgt Ion: 93 Resp: 265973

Ion Ratio Lower Upper

93 100

63 77.7 65.6 105.6

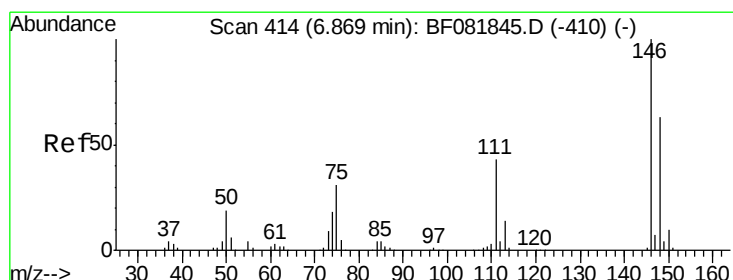
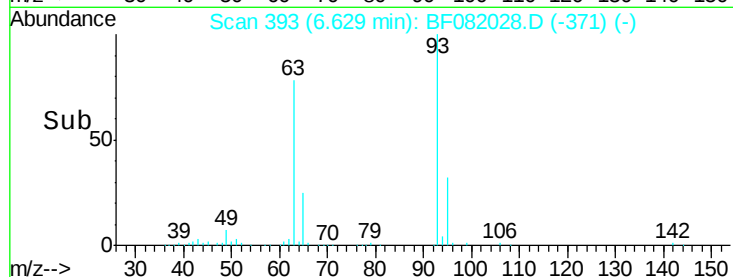
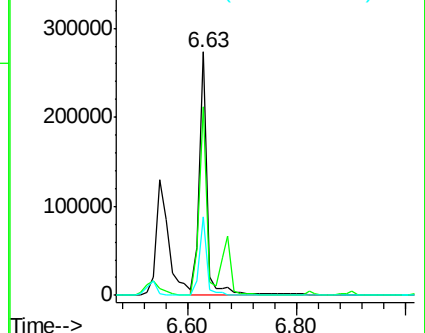
95 32.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.68 ng

RT: 7.06 min Scan# 431

Delta R.T. 0.19 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

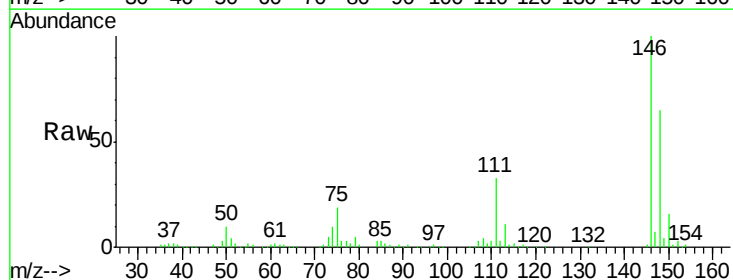
Tgt Ion: 146 Resp: 249316

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

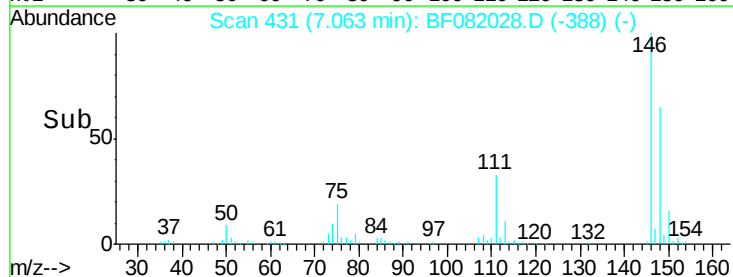
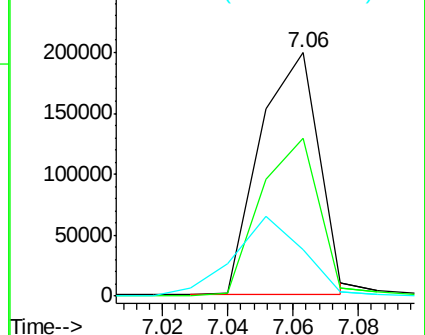
75 19.2 15.0 22.6

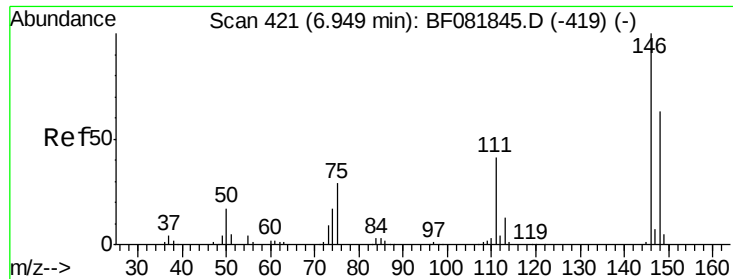


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

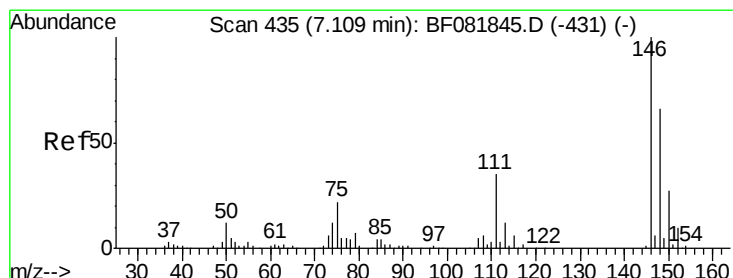
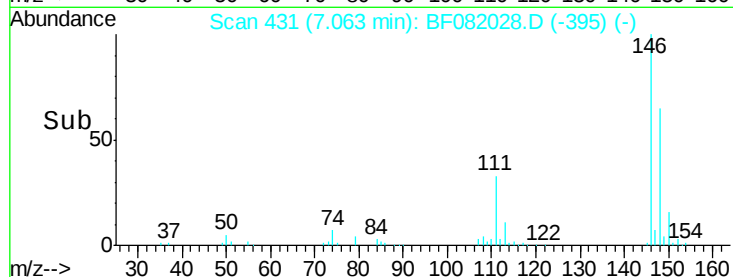
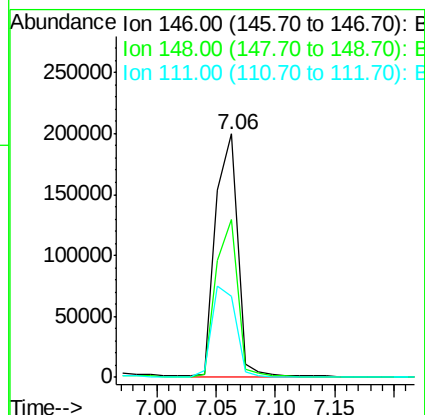
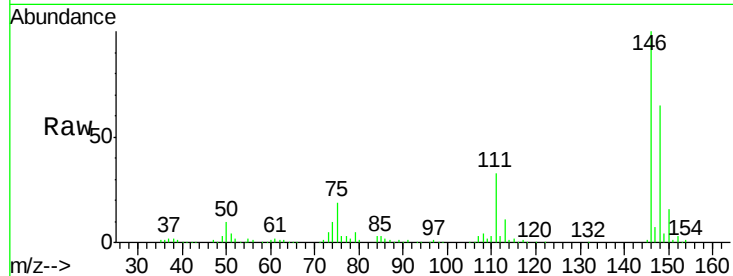




#13
 1,4-Dichlorobenzene
 Concen: 35.90 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.11 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

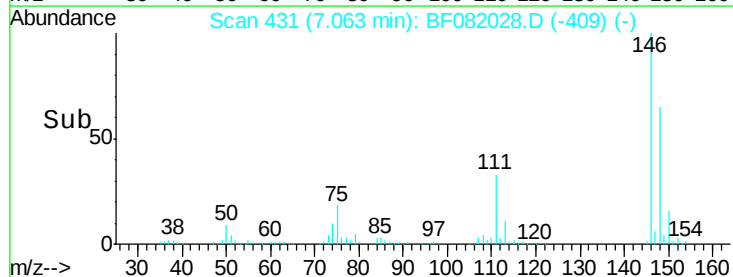
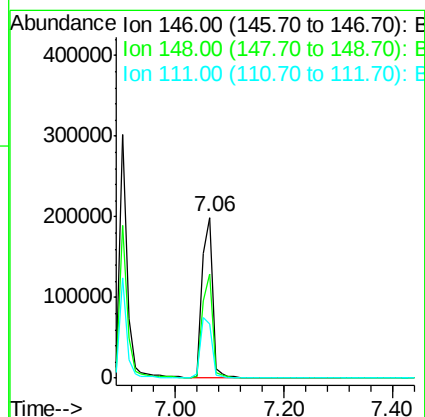
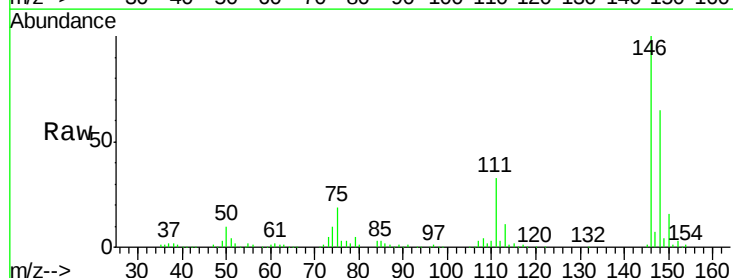
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

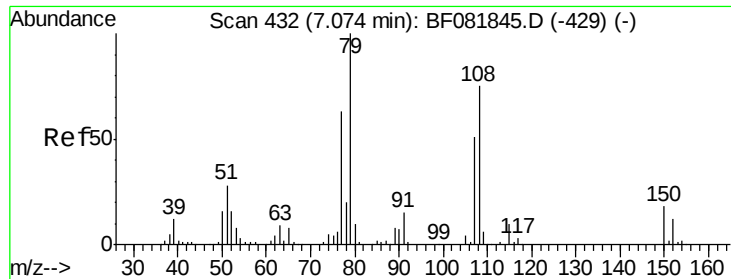
Tgt Ion:146 Resp: 254770
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 111 33.4 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 41.81 ng
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:146 Resp: 264379
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.7 79.1
 111 33.4 28.8 43.2

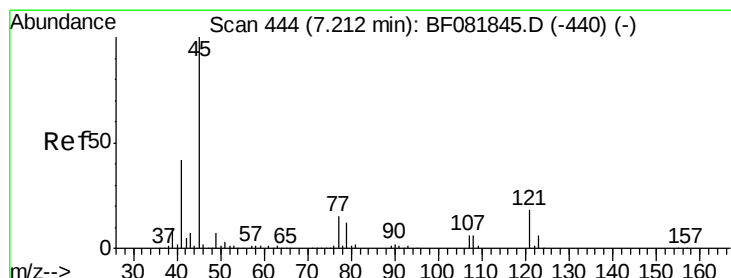
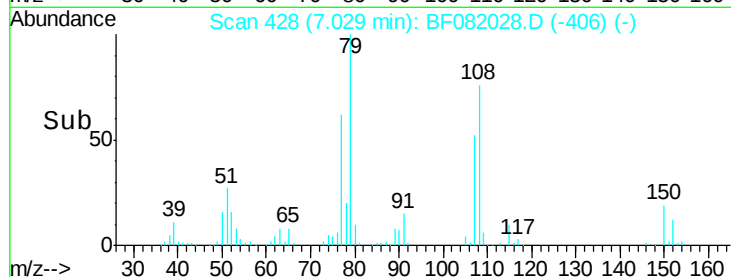
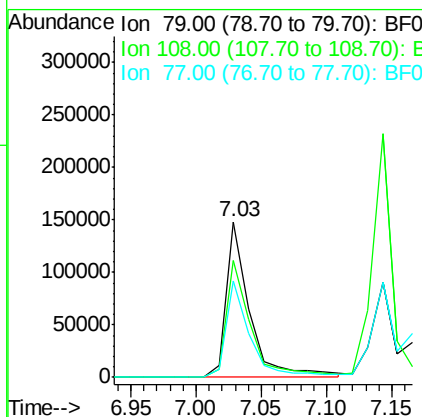
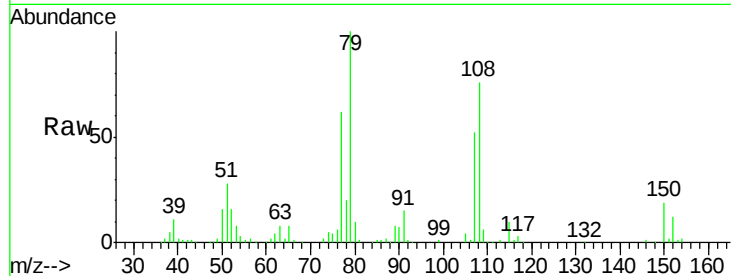




#15
Benzyl Alcohol
Concen: 39.31 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

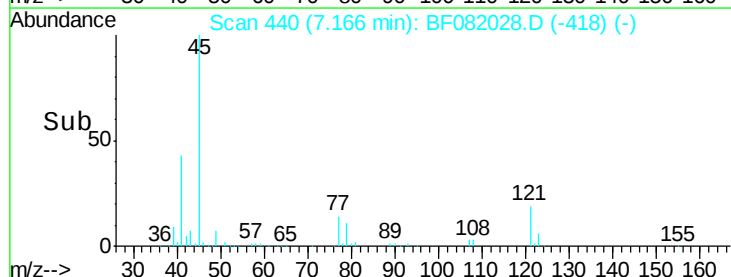
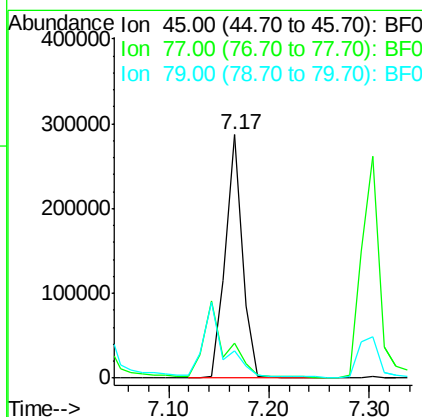
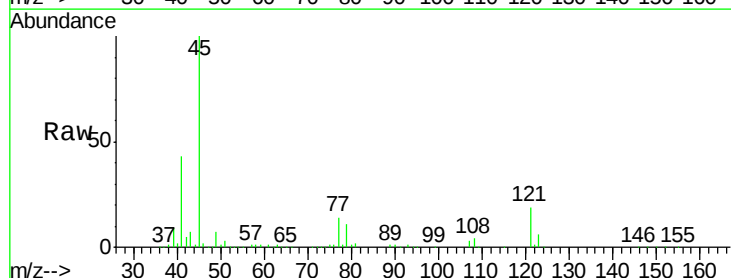
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tgt Ion: 79 Resp: 186060
Ion Ratio Lower Upper
79 100
108 75.6 88.6 132.8#
77 62.2 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.30 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion: 45 Resp: 341089
Ion Ratio Lower Upper
45 100
77 14.4 0.0 28.1
79 11.4 0.0 26.0

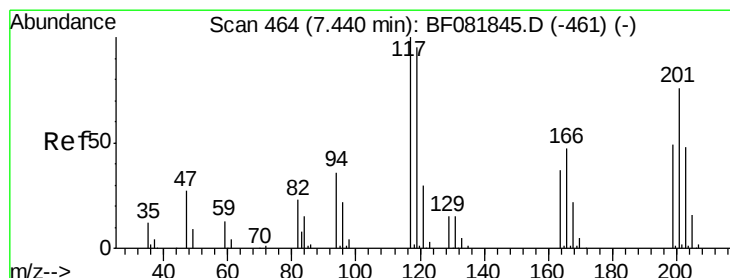
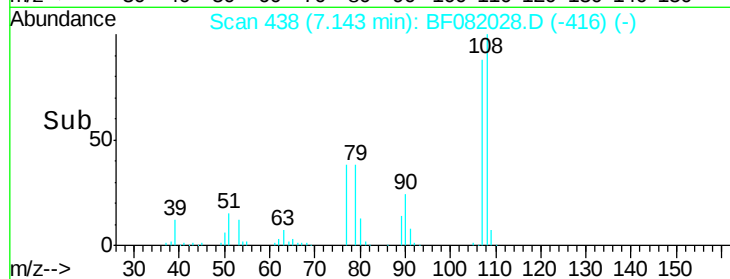
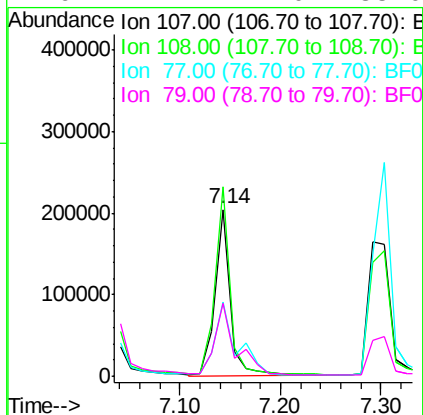
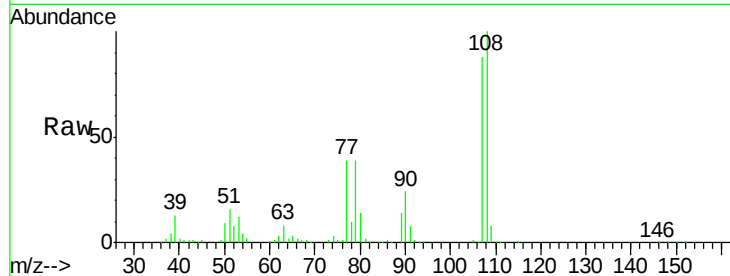




#17
2-Methylphenol
Concen: 45.84 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

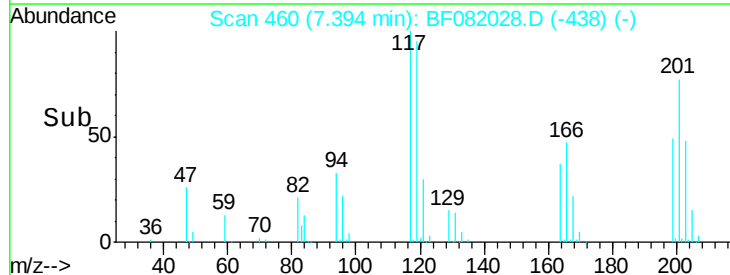
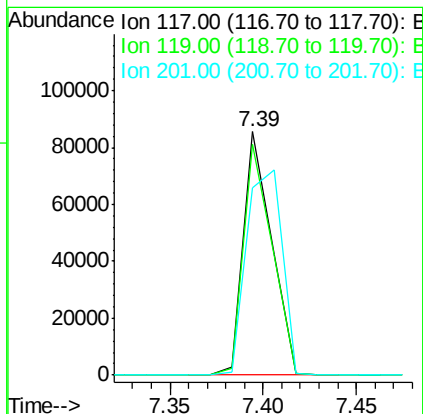
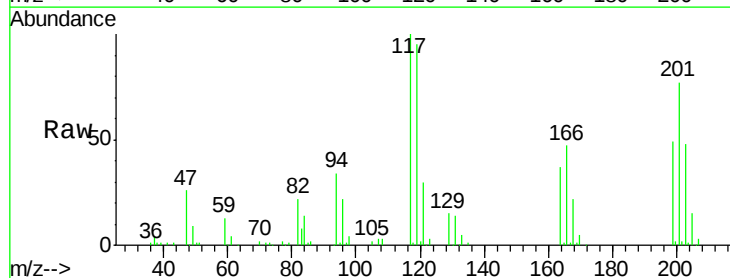
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

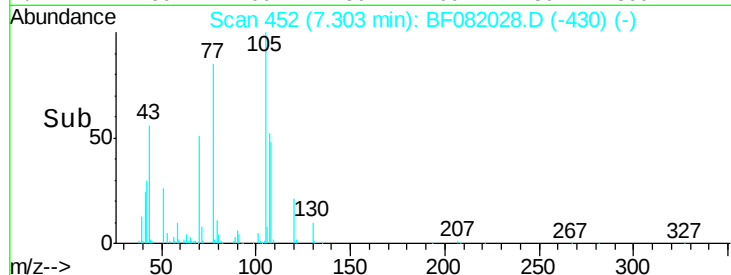
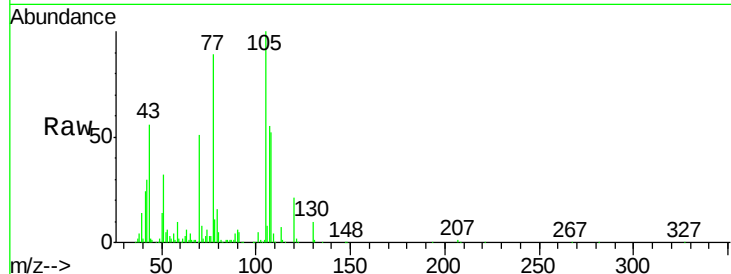
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.6	96.6	145.0
77	44.7	23.3	34.9#
79	44.2	22.0	33.0#



#18
Hexachloroethane
Concen: 40.48 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	83.8	125.6
201	77.0	55.1	82.7

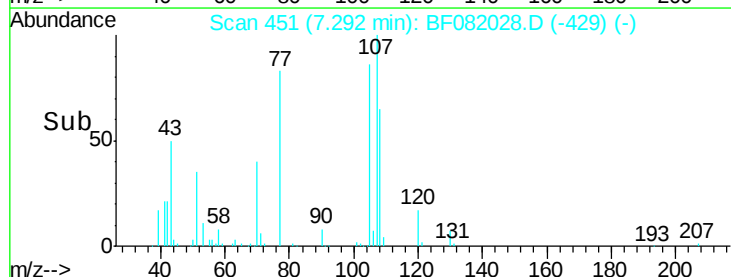
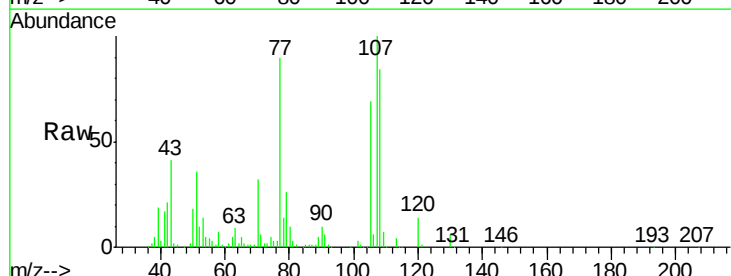
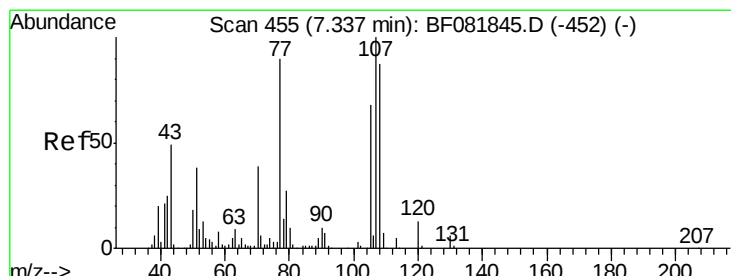
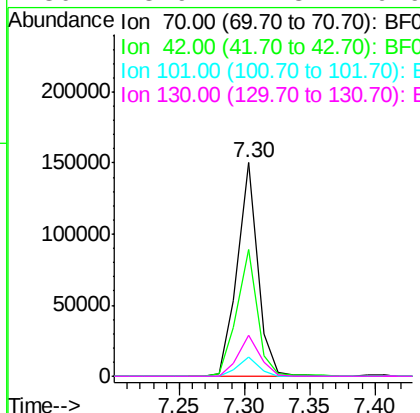




#19
n-Nitroso-di-n-propylamine
Concen: 41.24 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

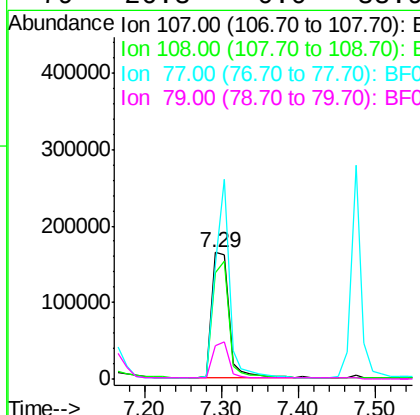
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

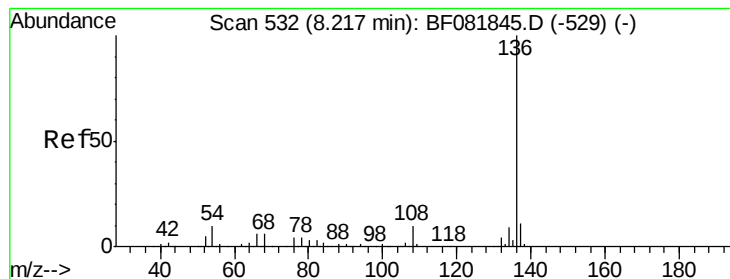
Tgt Ion:	70	Resp:	164314
Ion	Ratio	Lower	Upper
70	100		
42	59.4	63.8	95.6#
101	9.3	9.2	13.8
130	18.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 43.78 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion:	107	Resp:	257966
Ion	Ratio	Lower	Upper
107	100		
108	84.3	74.6	114.6
77	90.3	0.7	40.7#
79	26.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

Tgt Ion:136 Resp: 386276

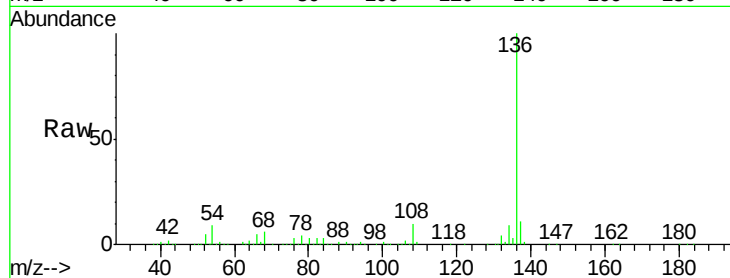
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.8 8.2 12.2

68 5.6 5.8 8.6#

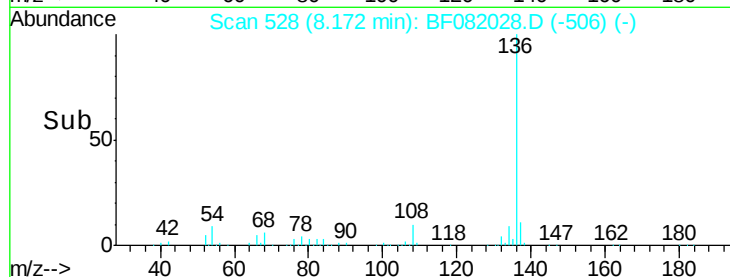


Abundance Ion 136.00 (135.70 to 136.70): E

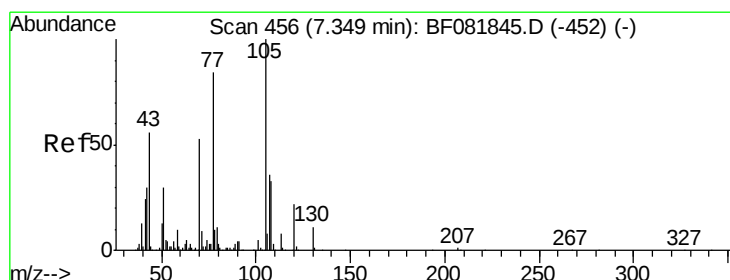
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.95 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion:105 Resp: 347103

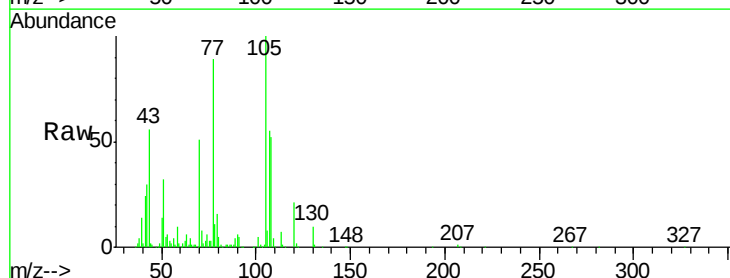
Ion Ratio Lower Upper

105 100

71 8.3 4.7 7.1#

51 31.8 22.0 33.0

120 21.0 30.1 45.1#

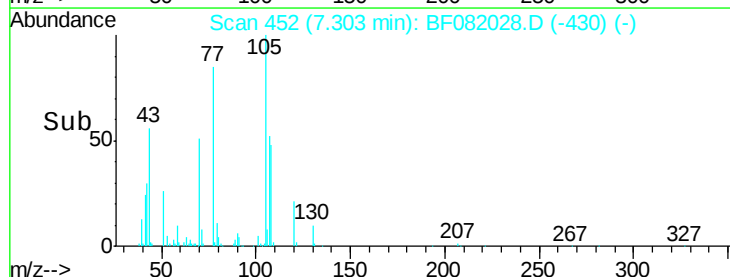


Abundance Ion 105.00 (104.70 to 105.70): E

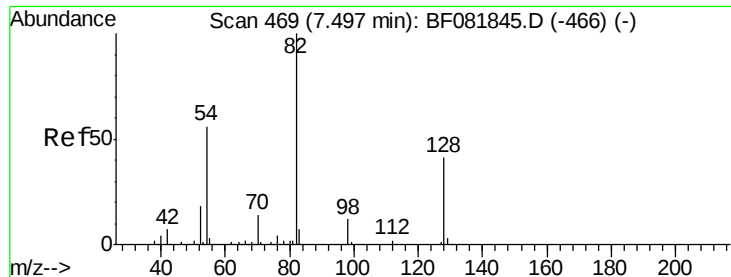
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



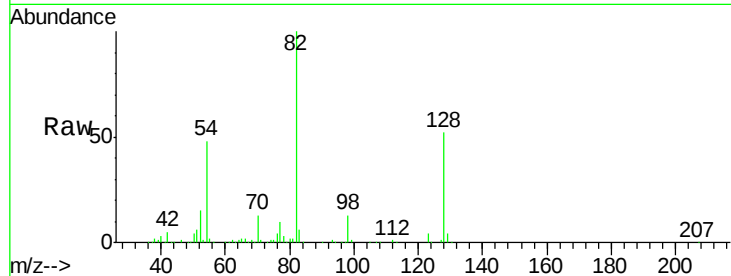
Time-->



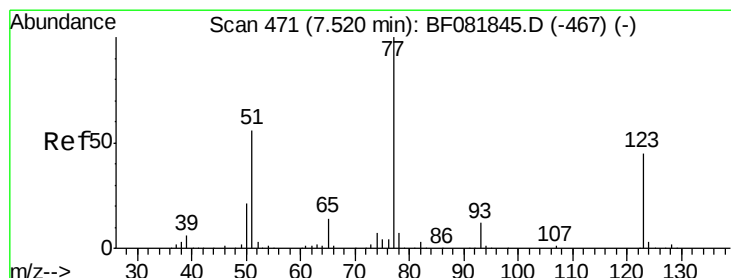
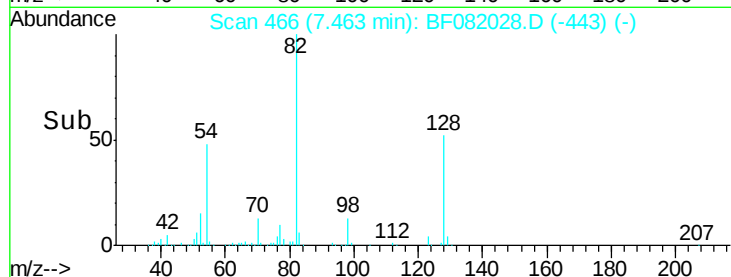
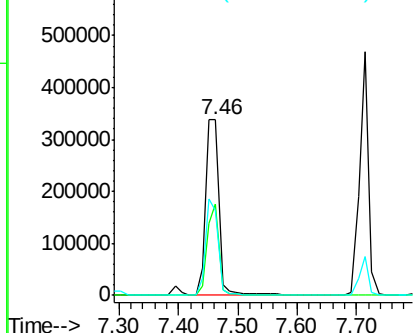
#23
 Nitrobenzene-d5
 Concen: 93.54 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion: 82 Resp: 542062
 Ion Ratio Lower Upper
 82 100
 128 51.8 51.0 76.6
 54 48.4 47.5 71.3

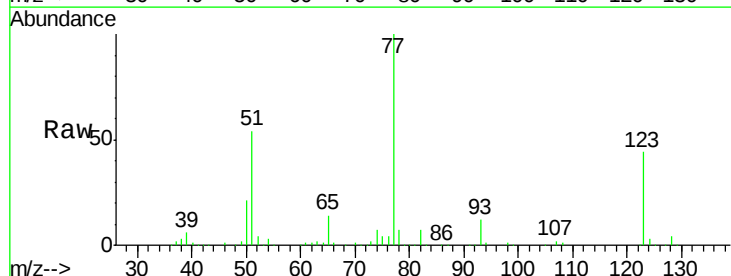


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

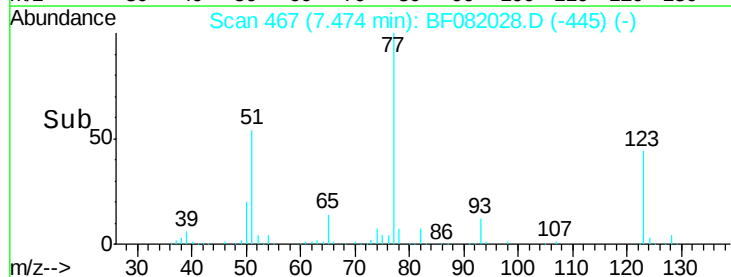
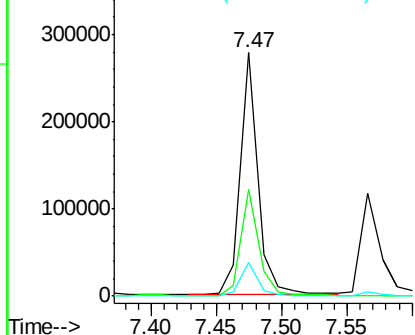


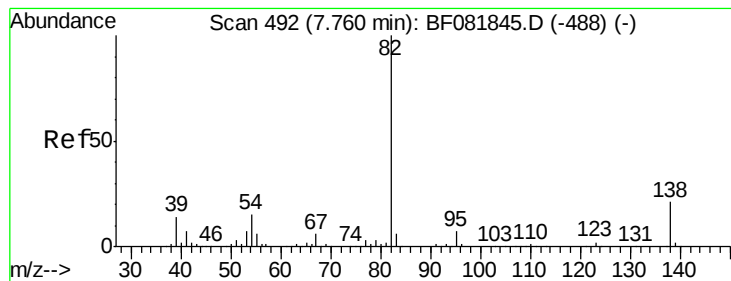
#24
 Nitrobenzene
 Concen: 41.19 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion: 77 Resp: 259188
 Ion Ratio Lower Upper
 77 100
 123 43.6 59.8 89.8#
 65 13.8 10.2 15.4



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





#25

Isophorone

Concen: 42.45 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

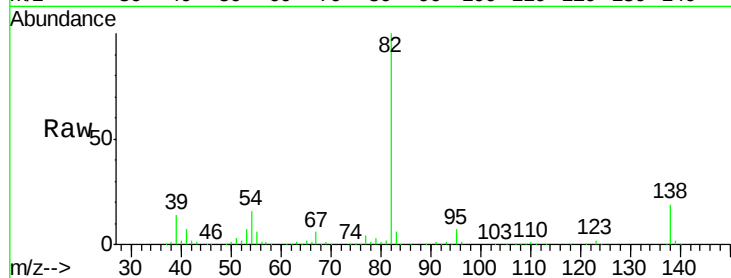
Tgt Ion: 82 Resp: 487554

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

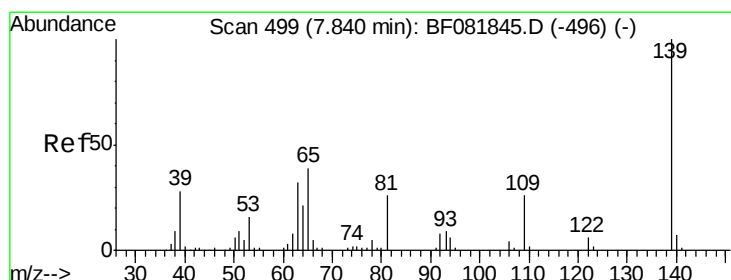
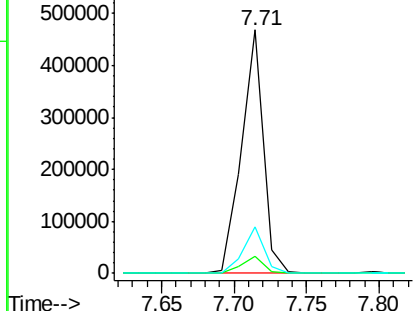
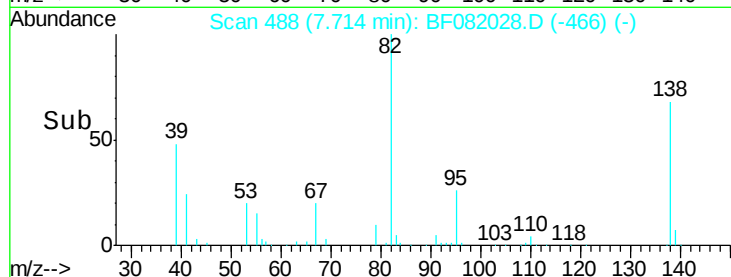
138 19.0 18.3 27.5



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: 47.72 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

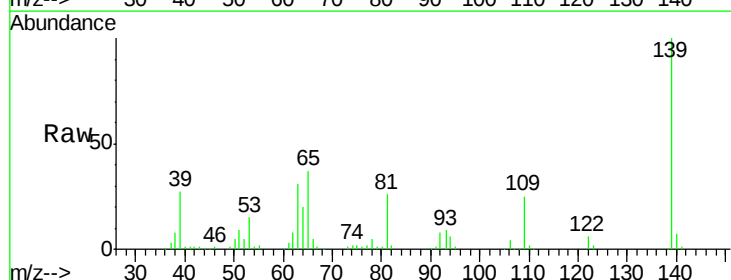
Tgt Ion: 139 Resp: 144143

Ion Ratio Lower Upper

139 100

109 24.6 11.0 16.4#

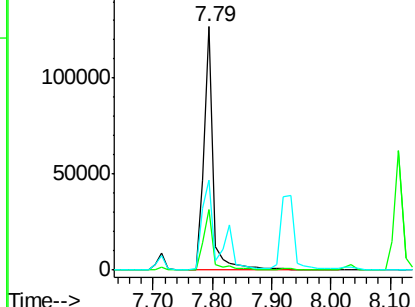
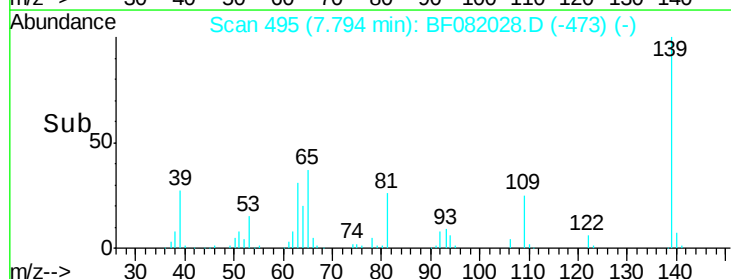
65 37.1 24.7 37.1#

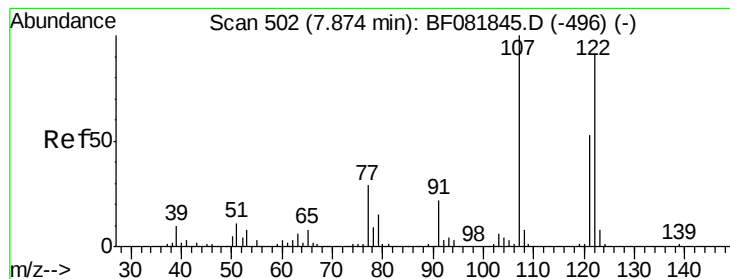


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 48.61 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

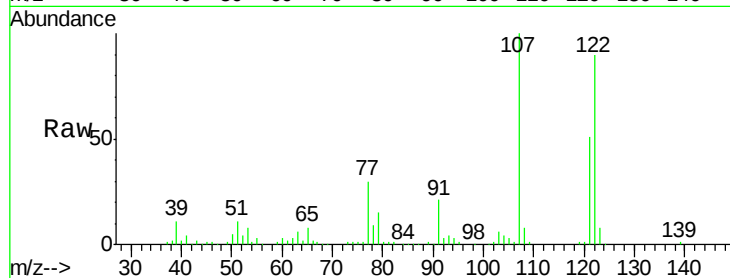
Tgt Ion:122 Resp: 258274

Ion Ratio Lower Upper

122 100

107 111.6 71.8 107.6#

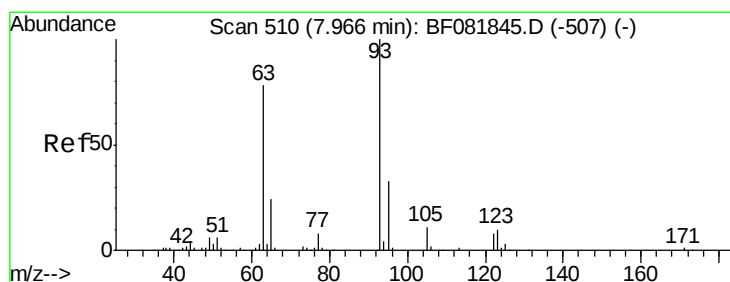
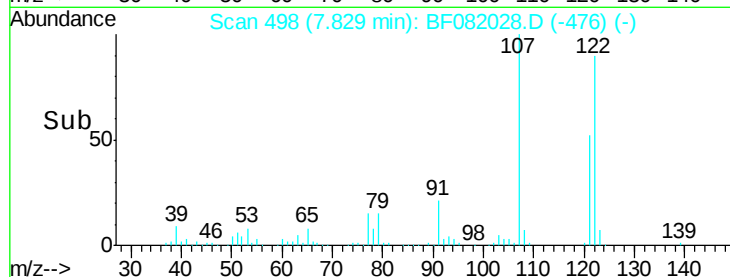
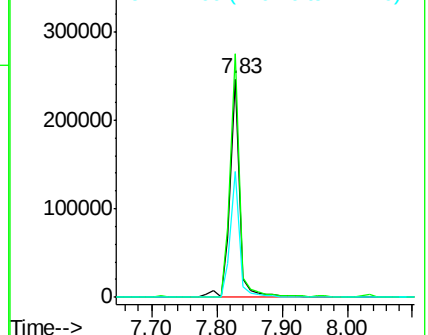
121 57.5 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.47 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

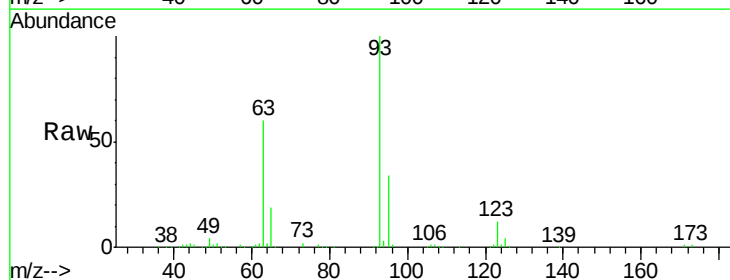
Tgt Ion: 93 Resp: 296515

Ion Ratio Lower Upper

93 100

95 33.7 27.5 41.3

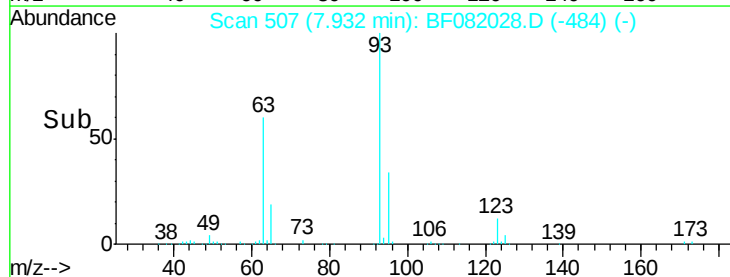
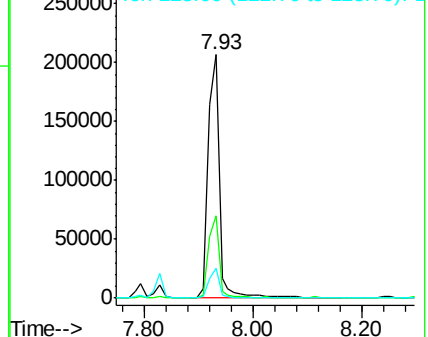
123 12.1 13.7 20.5#

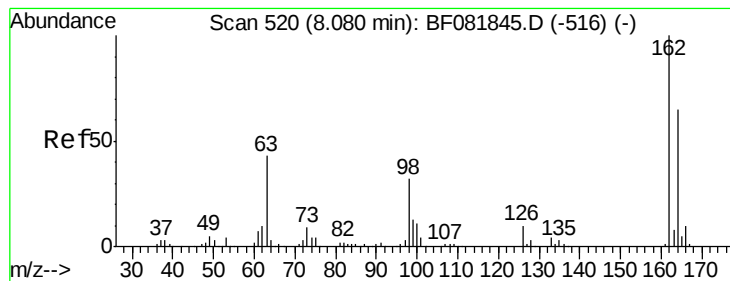


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

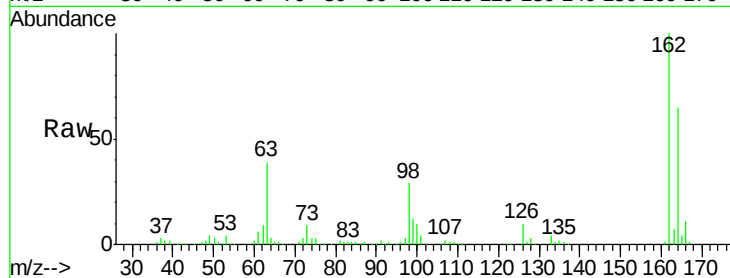




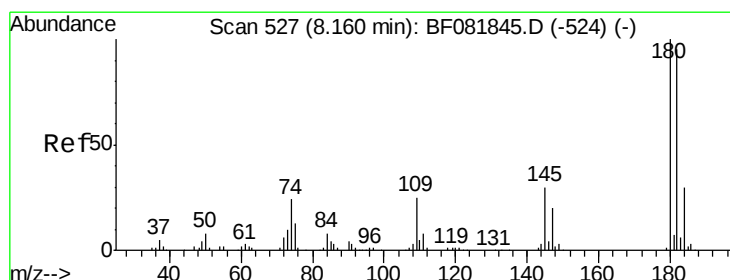
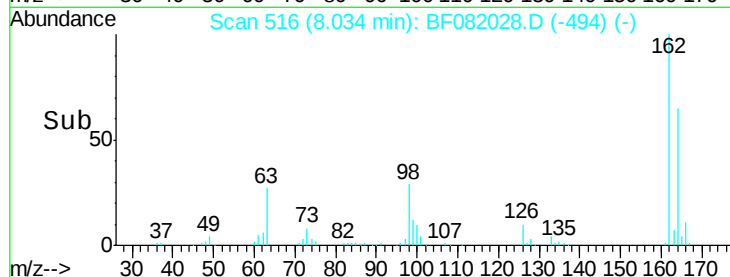
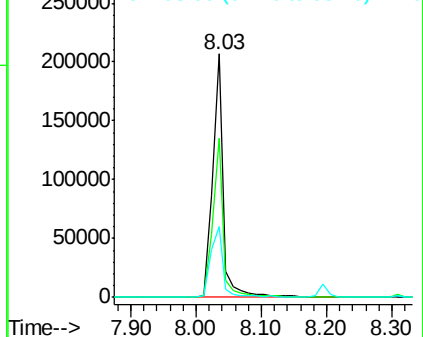
#29
 2,4-Dichlorophenol
 Concen: 46.47 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	29.4	13.0	53.0

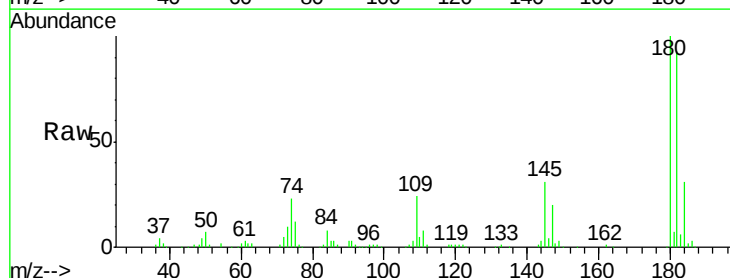


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

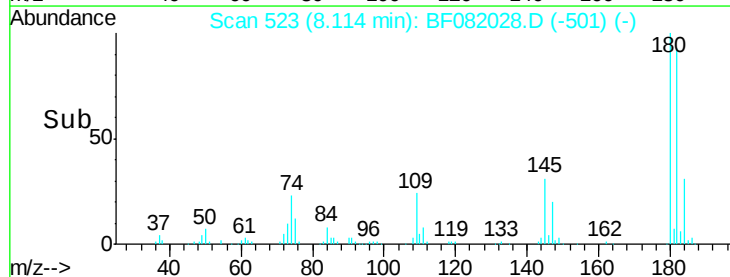
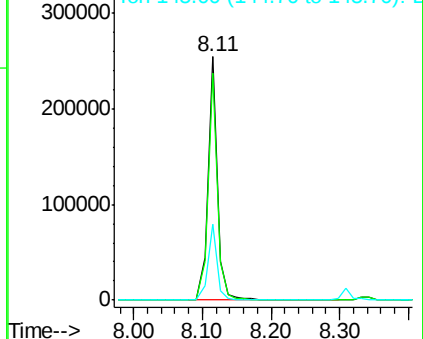


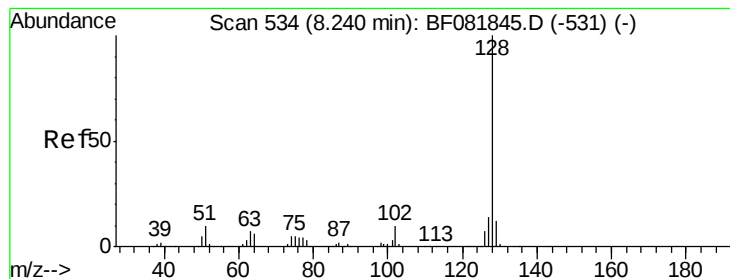
#30
 1,2,4-Trichlorobenzene
 Concen: 42.37 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.1	115.7
145	30.9	23.3	34.9



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





#31

Naphthalene

Concen: 41.68 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

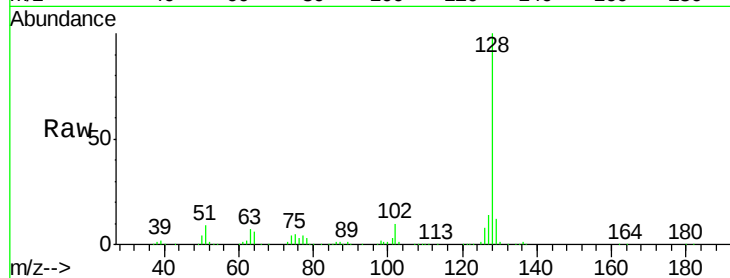
Tgt Ion:128 Resp: 713392

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

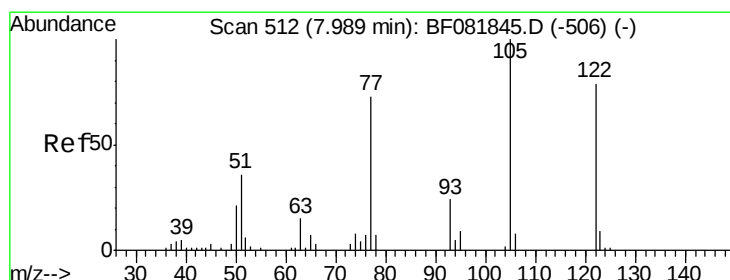
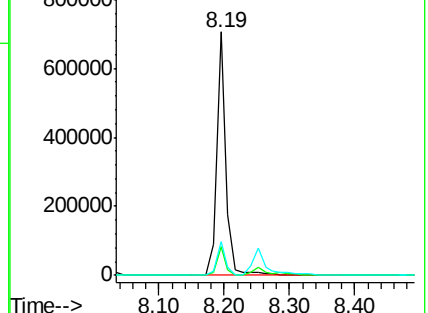
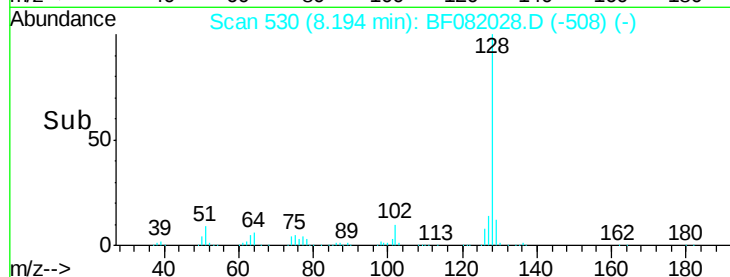
127 13.7 9.9 14.9



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: 76.17 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.16 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

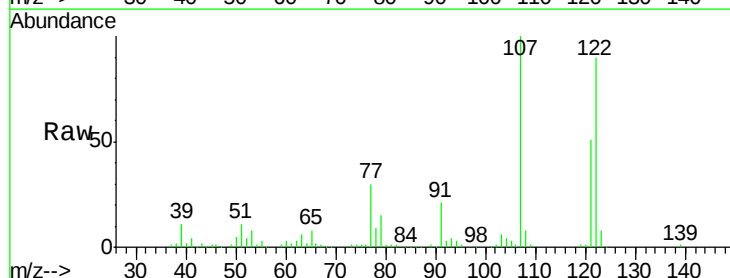
Tgt Ion:122 Resp: 258274

Ion Ratio Lower Upper

122 100

105 3.6 76.1 116.1#

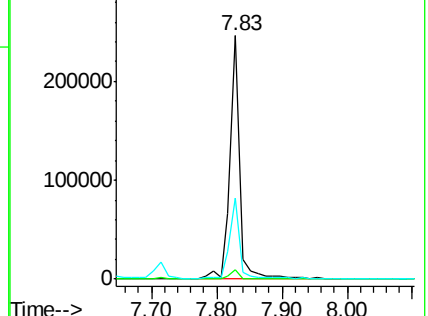
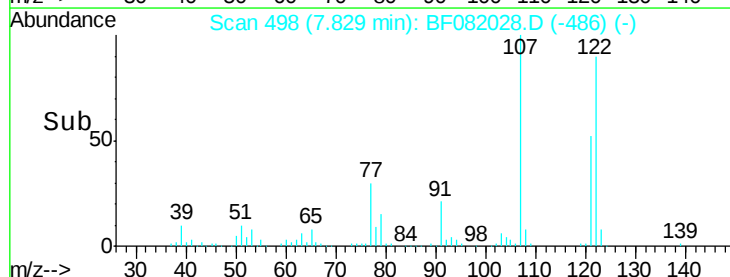
77 33.5 40.5 80.5#

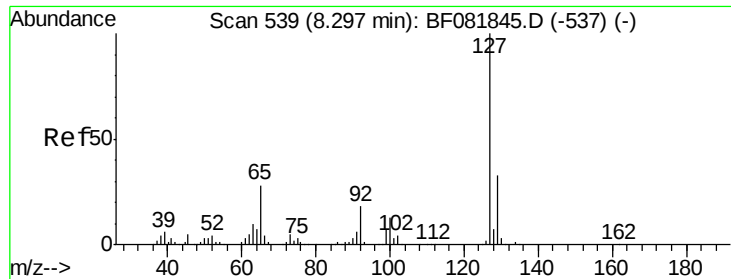


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

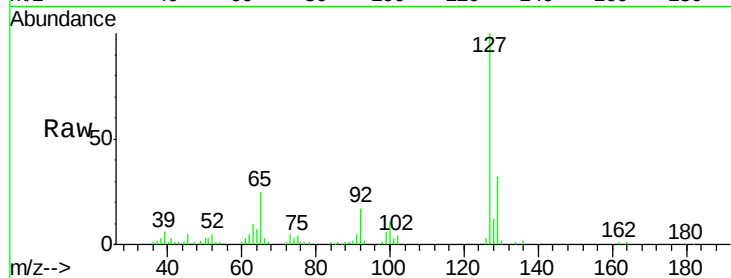




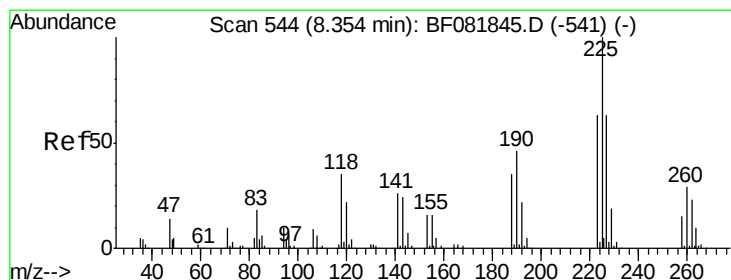
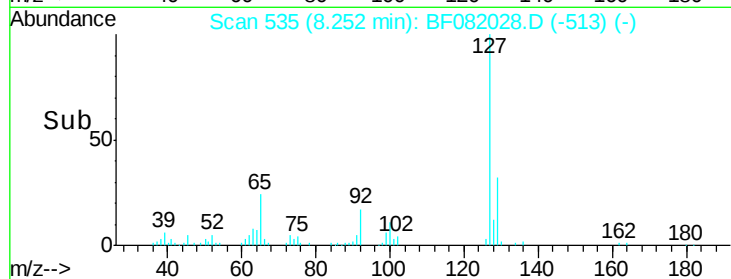
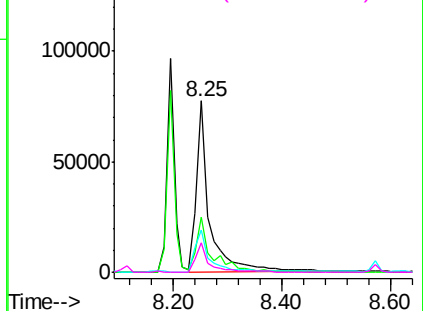
#33
4-Chloroaniline
Concen: 17.20 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tgt Ion:	127	Resp:	127293
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	24.9	17.9	26.9
92	17.4	10.5	15.7#

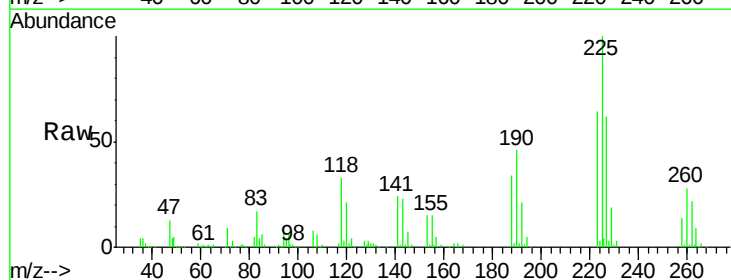


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

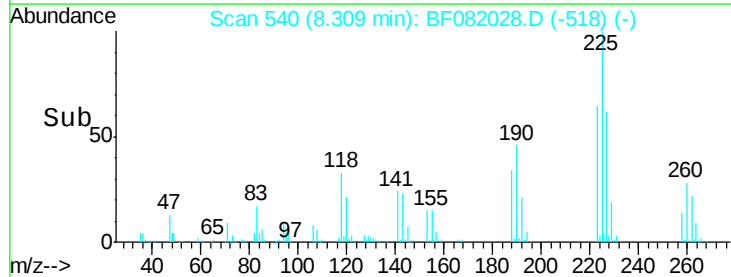
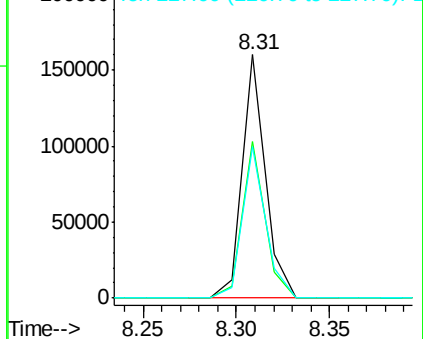


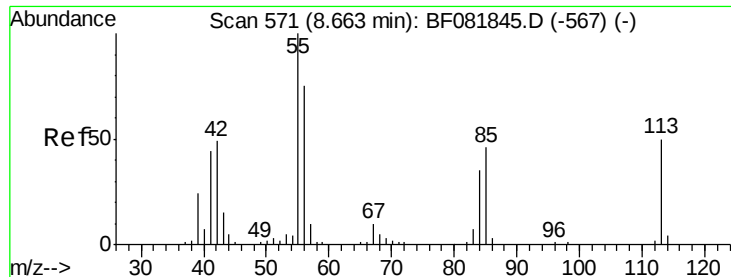
#34
Hexachlorobutadiene
Concen: 40.75 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion:	225	Resp:	138634
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	62.1	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

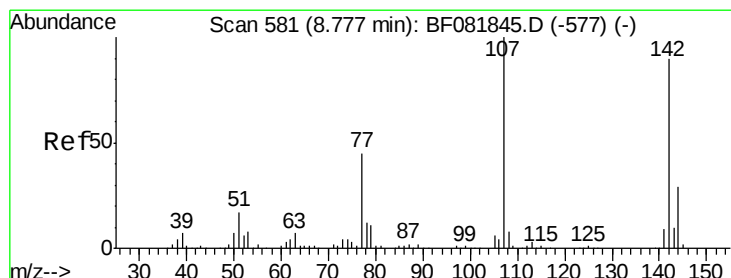
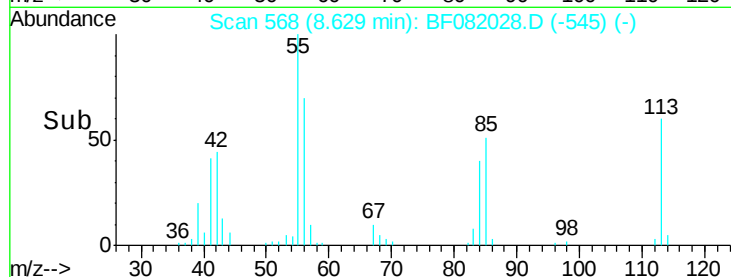
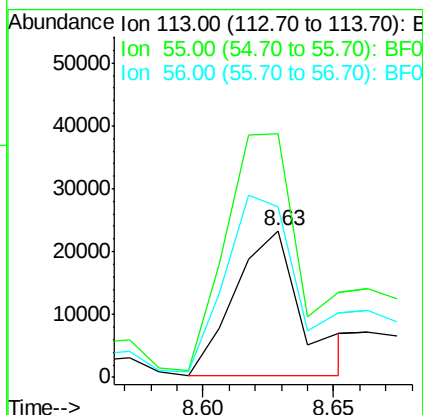
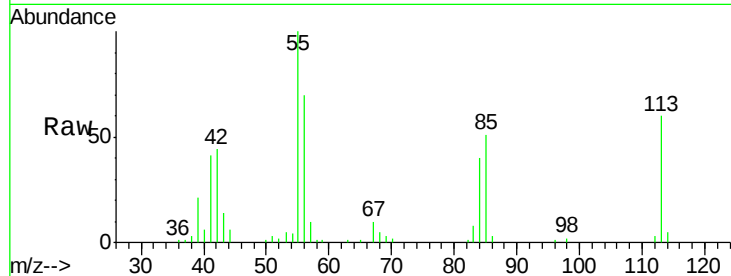




#35
 Caprolactam
 Concen: 28.92 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

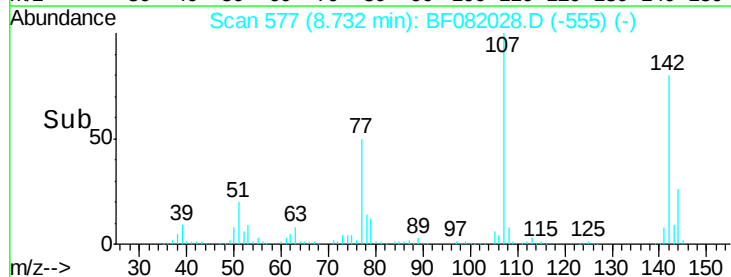
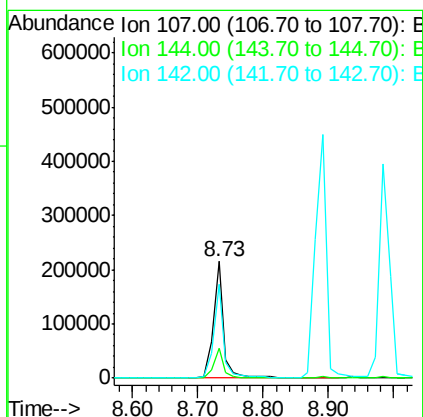
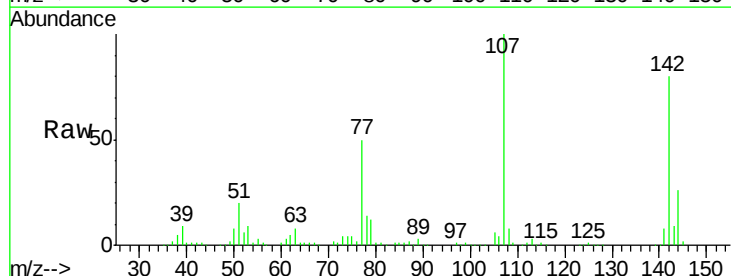
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

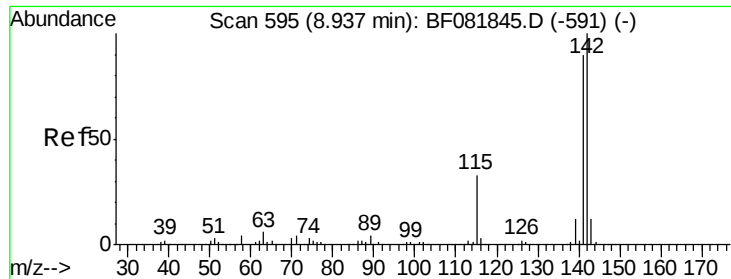
Tgt Ion:113 Resp: 41243
 Ion Ratio Lower Upper
 113 100
 55 166.2 152.4 192.4
 56 116.5 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.48 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:107 Resp: 244253
 Ion Ratio Lower Upper
 107 100
 144 25.9 25.4 38.0
 142 80.4 77.3 115.9

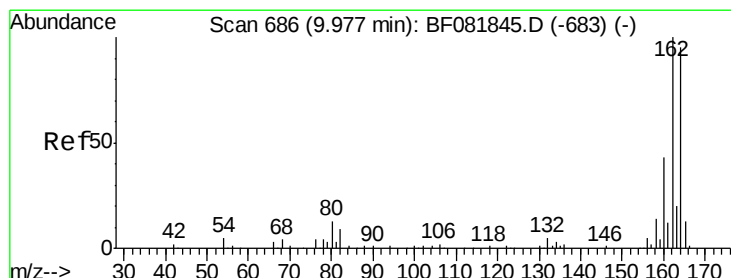
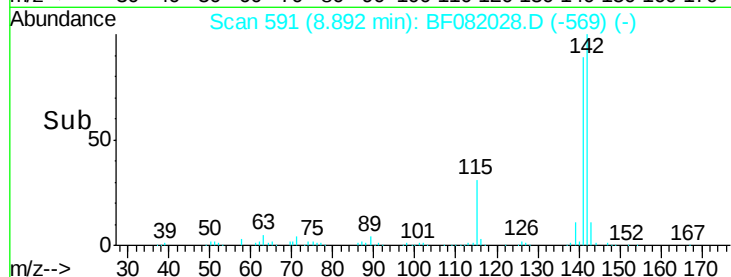
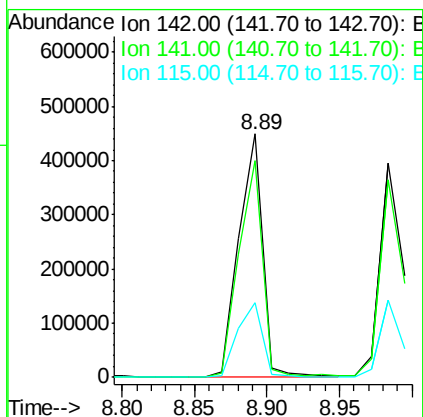
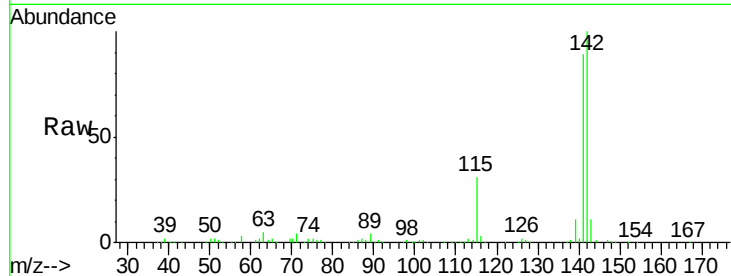




#37
2-Methylnaphthalene
Concen: 44.10 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

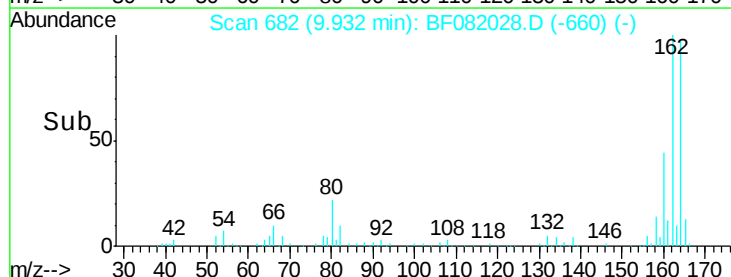
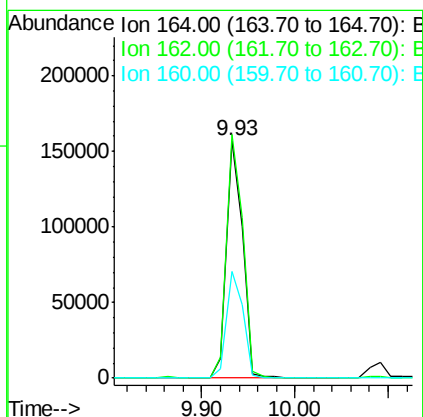
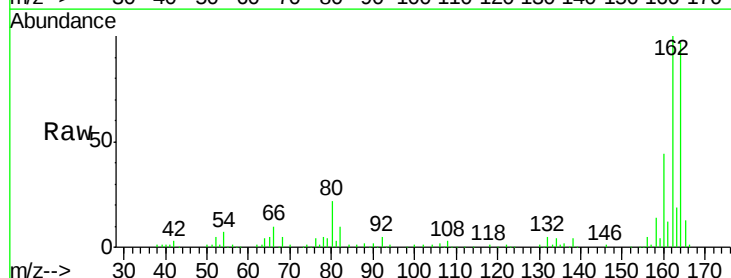
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

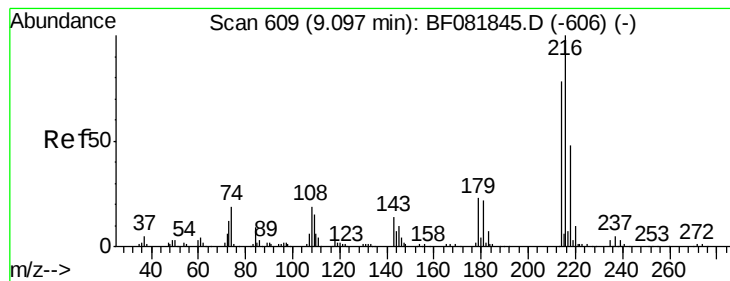
Tgt Ion:142 Resp: 515191
Ion Ratio Lower Upper
142 100
141 89.1 67.5 101.3
115 30.6 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion:164 Resp: 190159
Ion Ratio Lower Upper
164 100
162 102.6 75.2 112.8
160 44.9 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.03 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

Tgt Ion:216 Resp: 239547

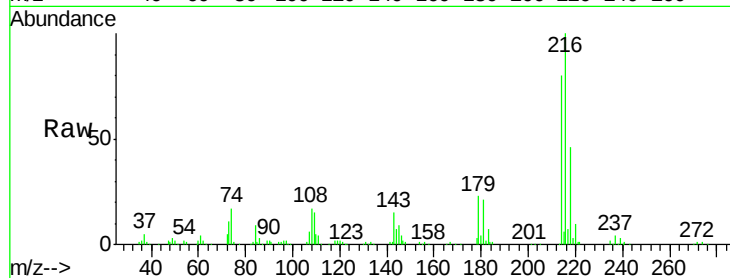
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.4 16.6 24.8

108 19.0 16.3 24.5

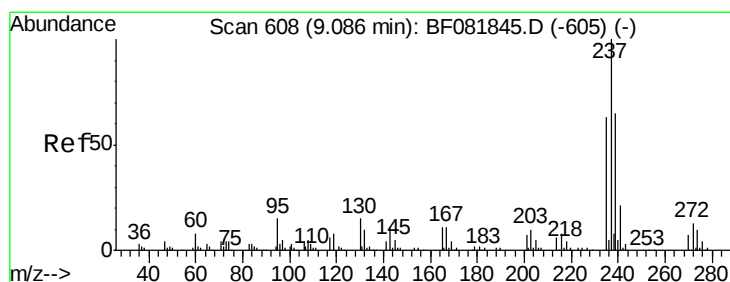
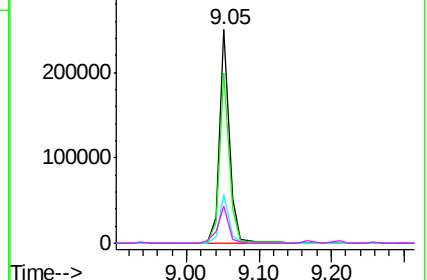
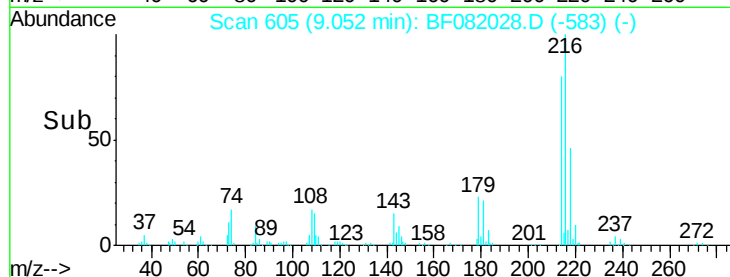


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.05 ng

RT: 9.04 min Scan# 604

Delta R.T. -0.04 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

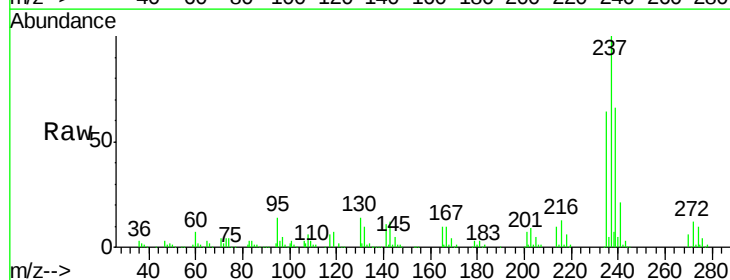
Tgt Ion:237 Resp: 222622

Ion Ratio Lower Upper

237 100

235 64.0 42.0 82.0

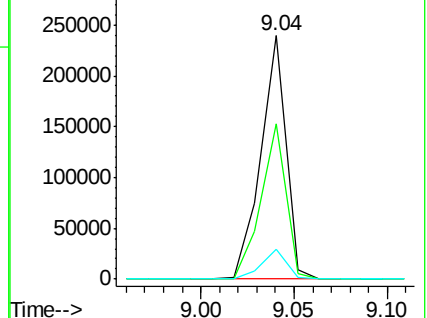
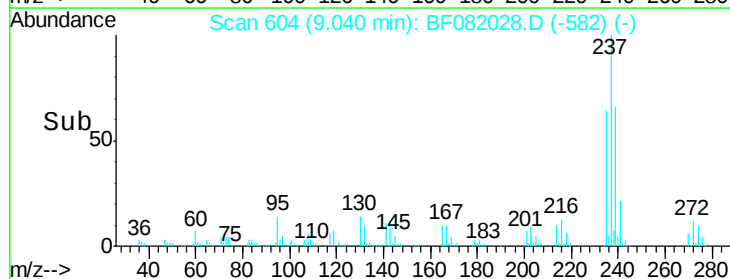
272 12.1 0.0 36.1

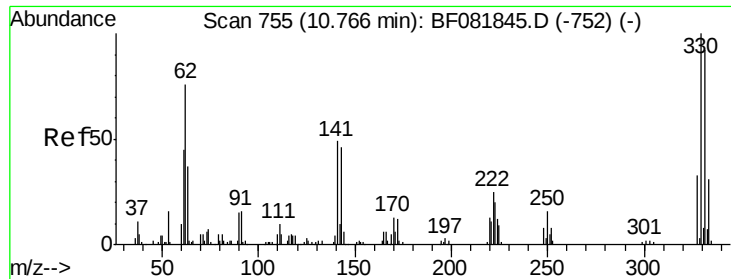


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

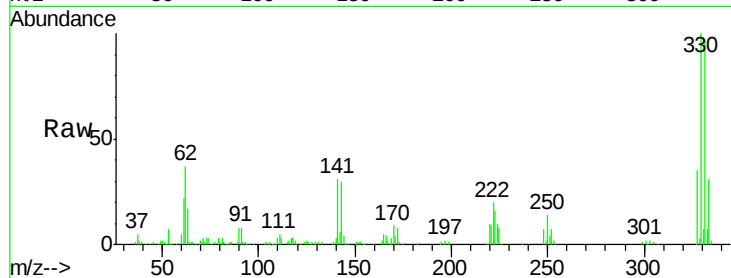




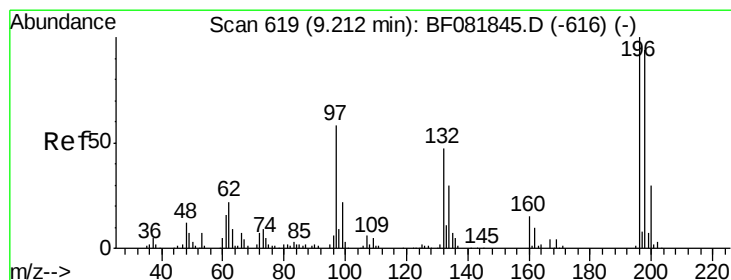
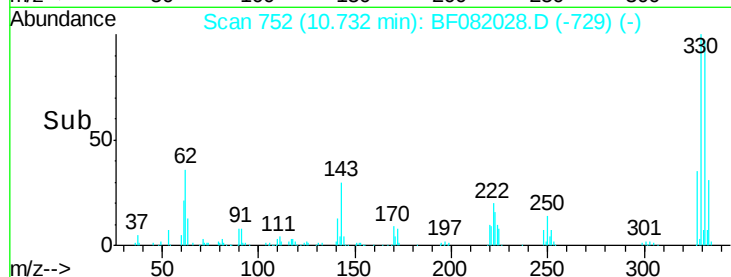
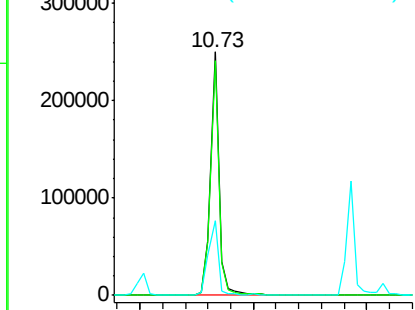
#41
 2,4,6-Tribromophenol
 Concen: 131.01 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion:330 Resp: 252310
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 35.4 29.7 44.5

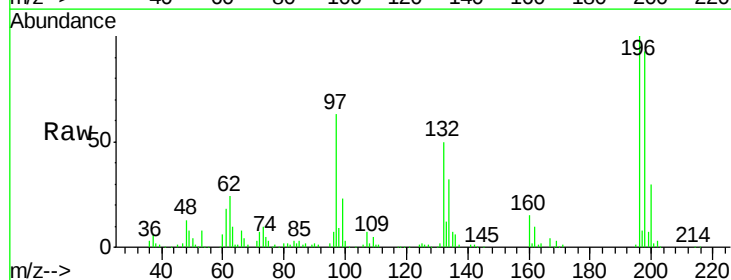


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

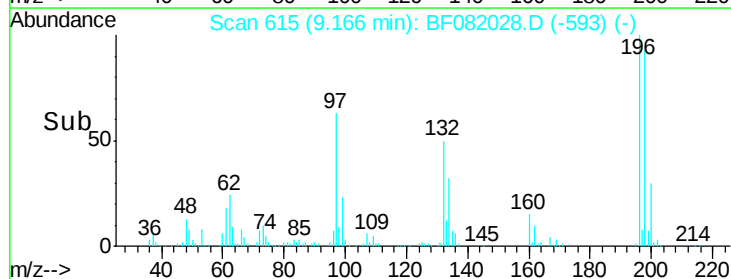
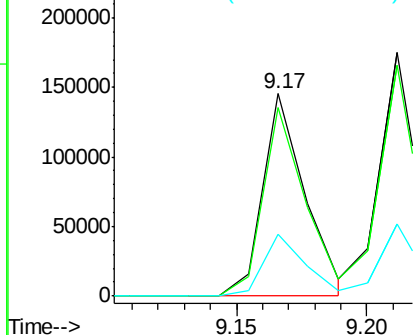


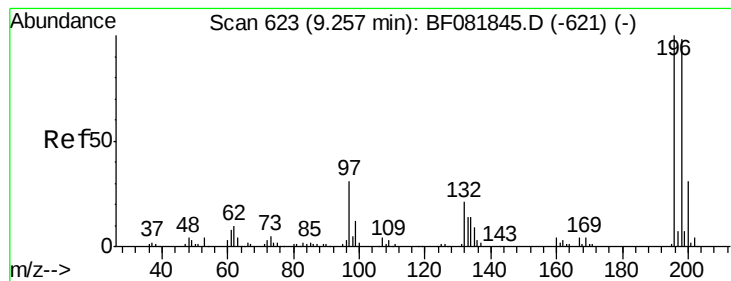
#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:196 Resp: 164708
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 30.4 23.9 35.9



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

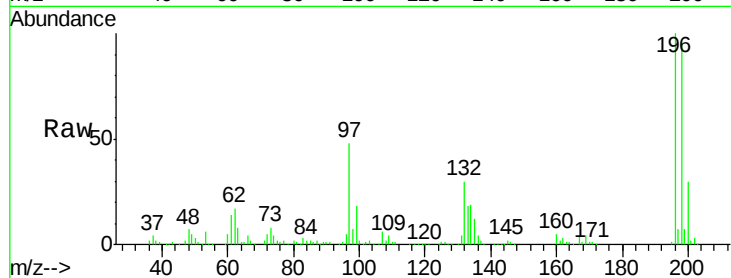




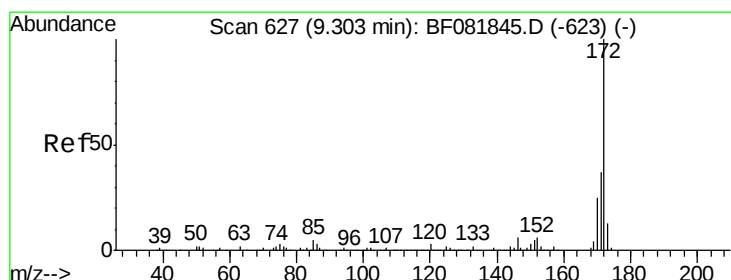
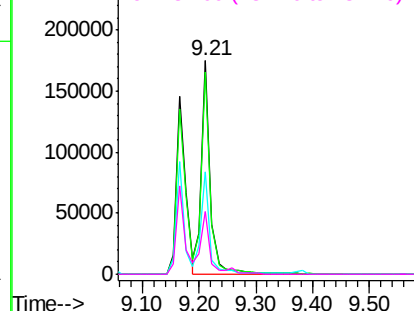
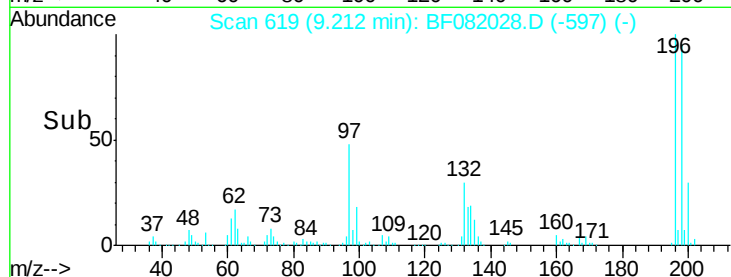
#43
 2,4,5-Trichlorophenol
 Concen: 47.00 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion:196 Resp: 193454
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.4 113.0
 97 47.8 33.3 49.9
 132 29.6 24.6 37.0

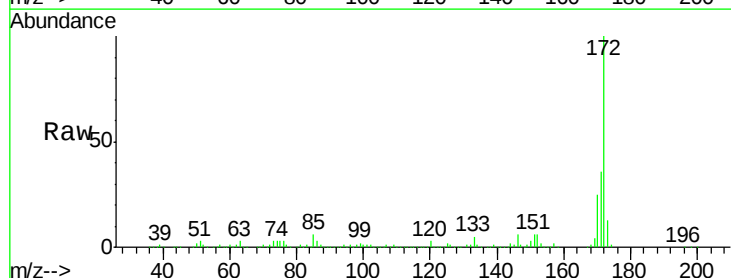


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

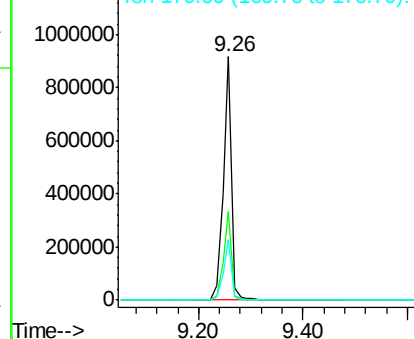
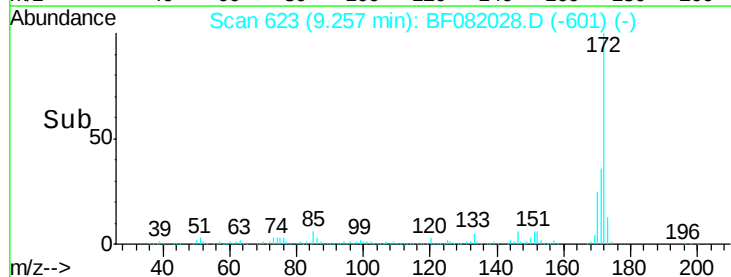


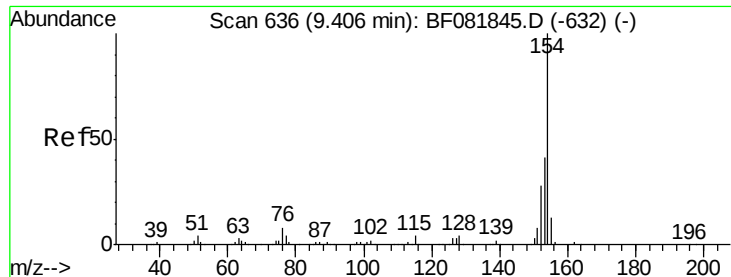
#44
 2-Fluorobiphenyl
 Concen: 88.61 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:172 Resp: 998643
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.7 17.4 26.2



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

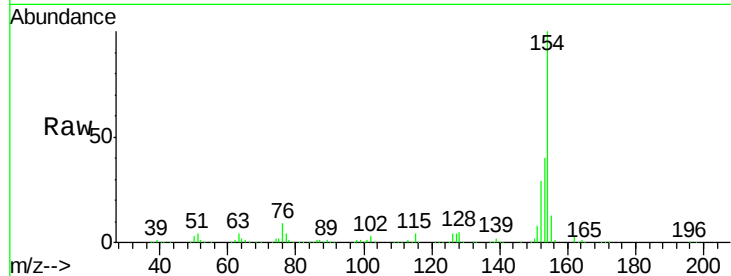




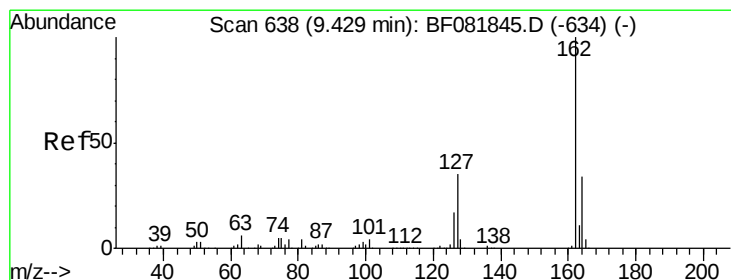
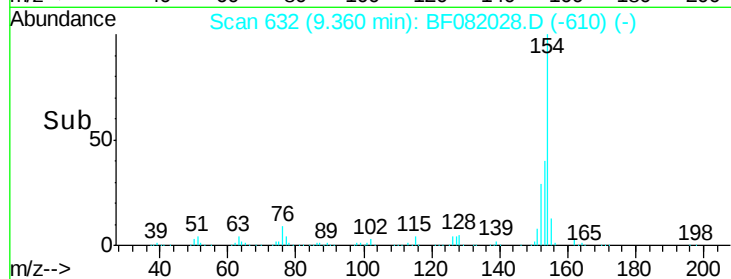
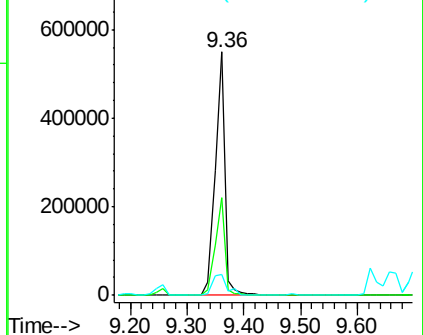
#45
 1,1'-Biphenyl
 Concen: 43.60 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion:154 Resp: 639573
 Ion Ratio Lower Upper
 154 100
 153 40.2 17.1 57.1
 76 8.6 0.0 31.6

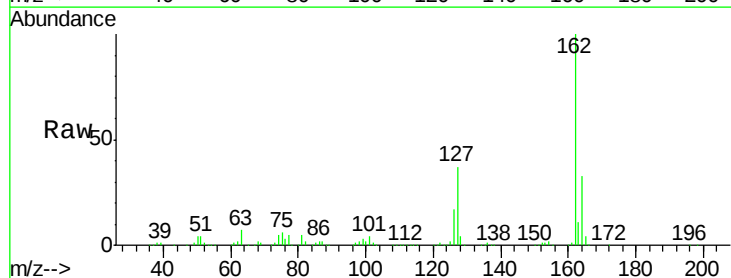


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

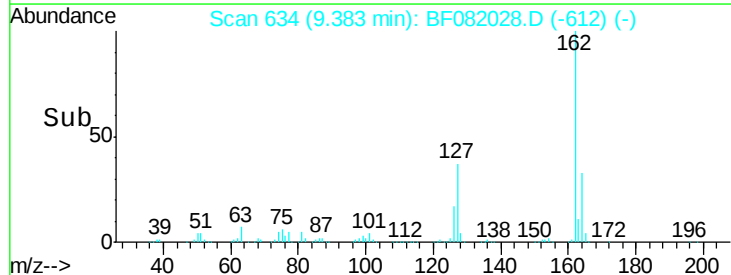
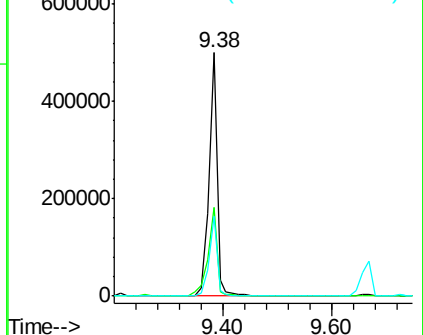


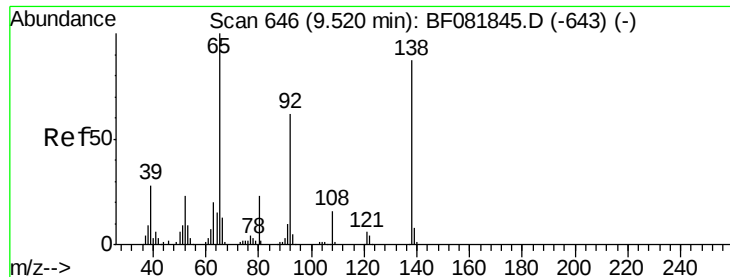
#46
 2-Chloronaphthalene
 Concen: 44.80 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:162 Resp: 516040
 Ion Ratio Lower Upper
 162 100
 127 36.6 27.6 41.4
 164 32.7 25.4 38.2



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

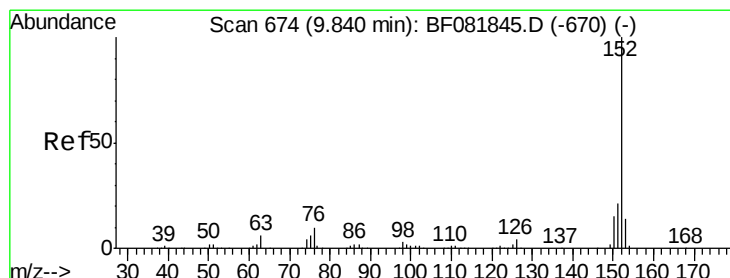
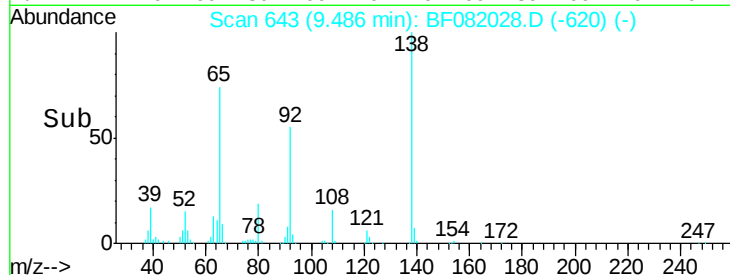
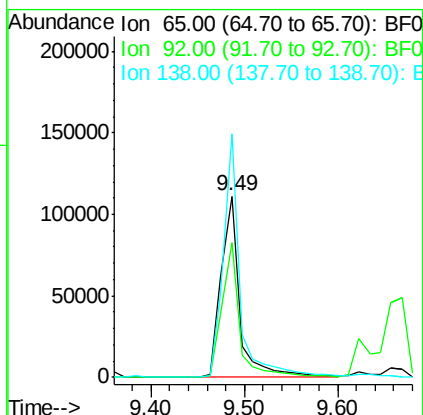
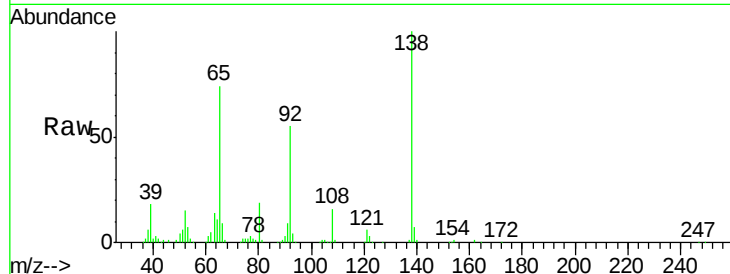




#47
2-Nitroaniline
Concen: 45.97 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

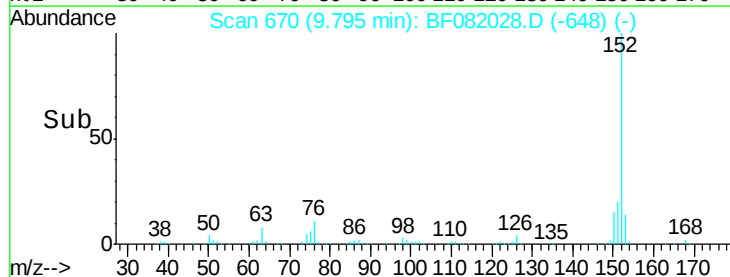
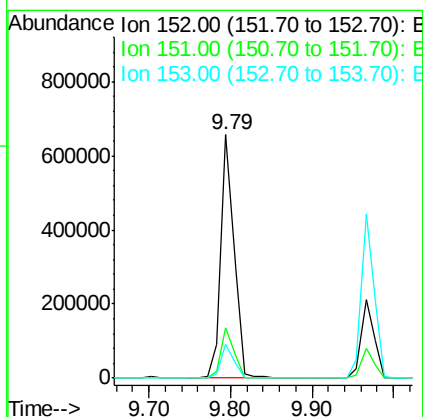
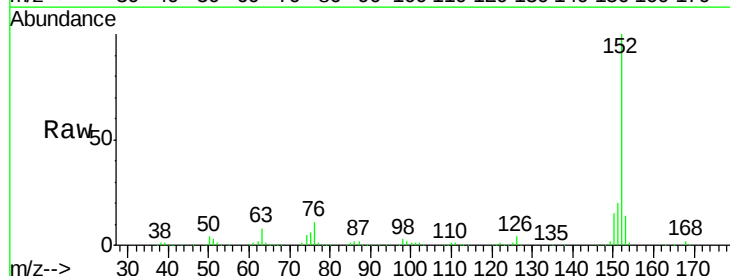
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

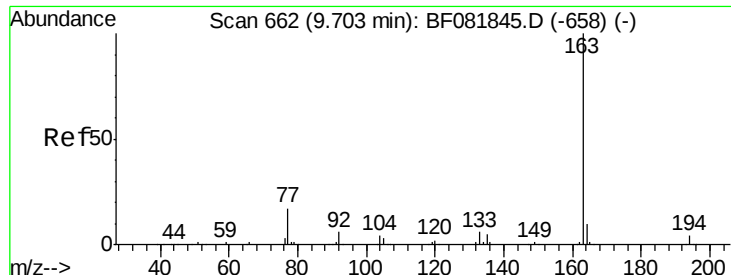
Tgt Ion: 65 Resp: 155461
Ion Ratio Lower Upper
65 100
92 74.4 55.4 83.0
138 134.6 115.5 173.3



#48
Acenaphthylene
Concen: 40.27 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion: 152 Resp: 742513
Ion Ratio Lower Upper
152 100
151 20.4 14.6 22.0
153 14.0 10.3 15.5





#49

Dimethylphthalate

Concen: 69.30 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

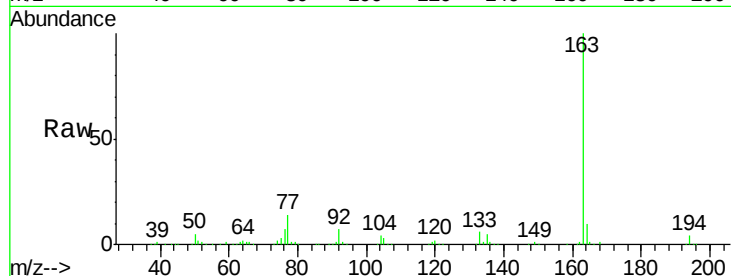
Tgt Ion:163 Resp: 909566

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

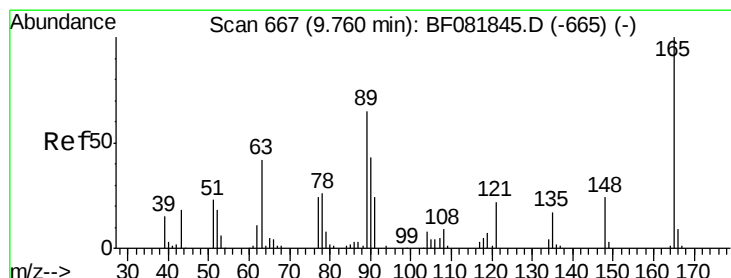
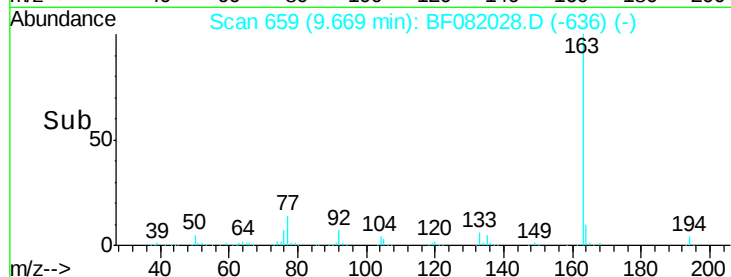
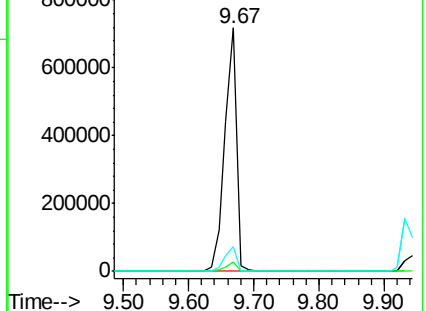
164 10.0 8.3 12.5



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: 46.47 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

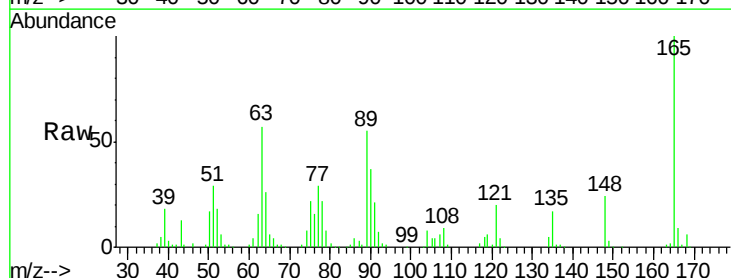
Tgt Ion:165 Resp: 132430

Ion Ratio Lower Upper

165 100

63 57.5 32.3 48.5#

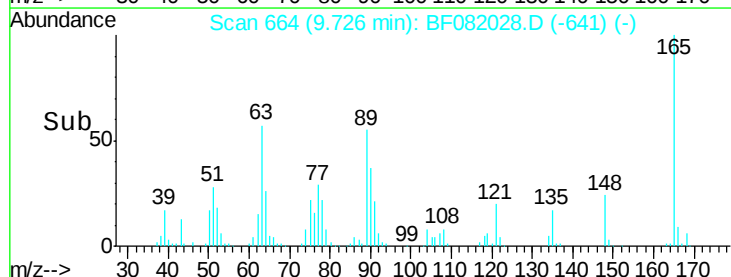
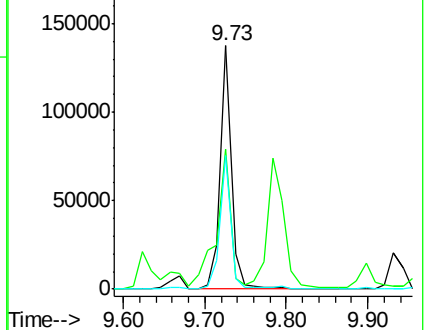
89 54.7 28.6 43.0#

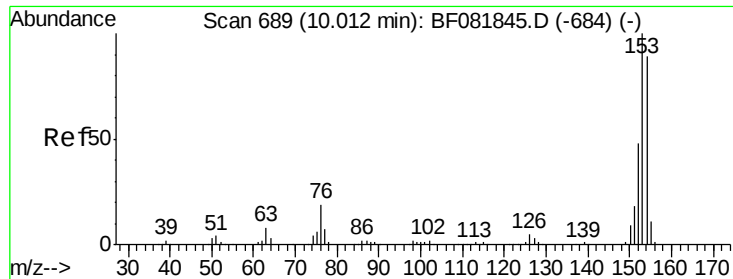


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.23 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

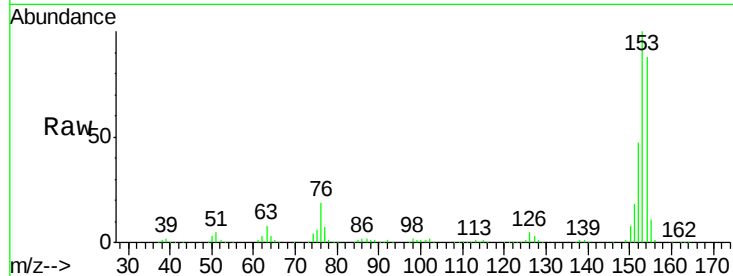
Tgt Ion:154 Resp: 440458

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

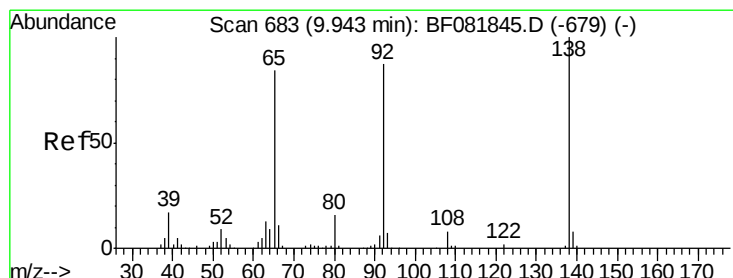
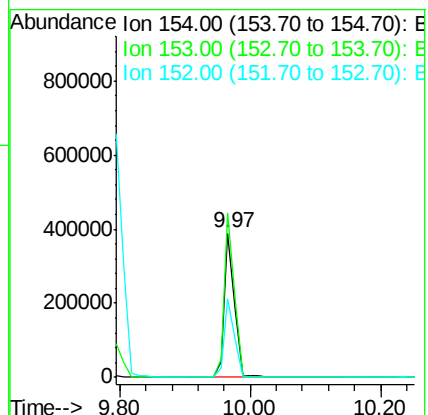
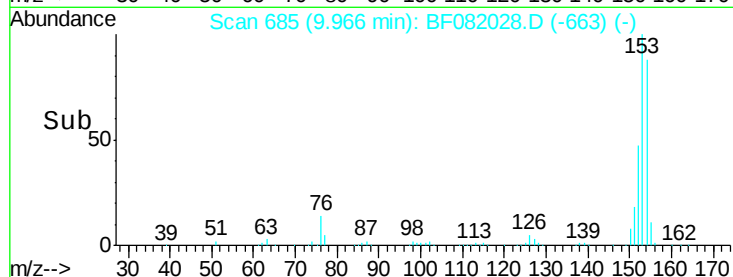
152 54.1 37.9 56.9



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: 32.58 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

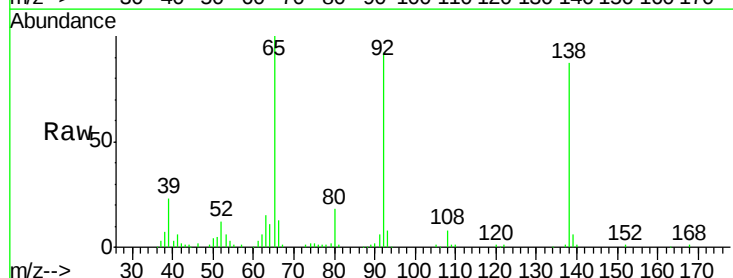
Tgt Ion:138 Resp: 107423

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

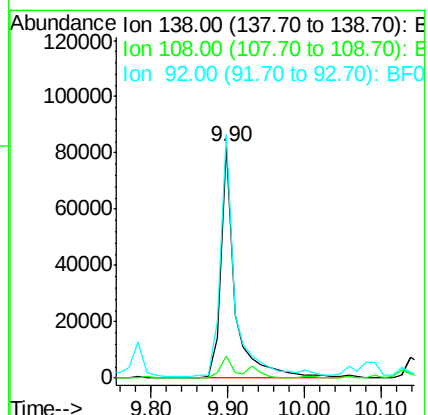
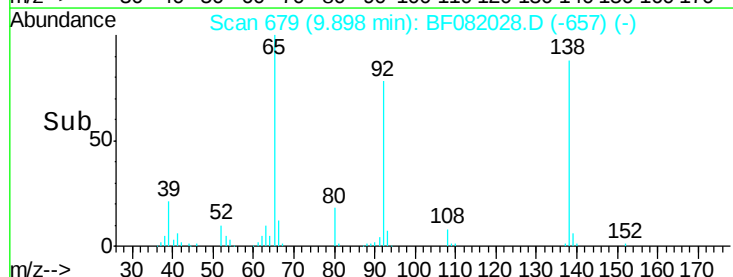
92 105.3 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

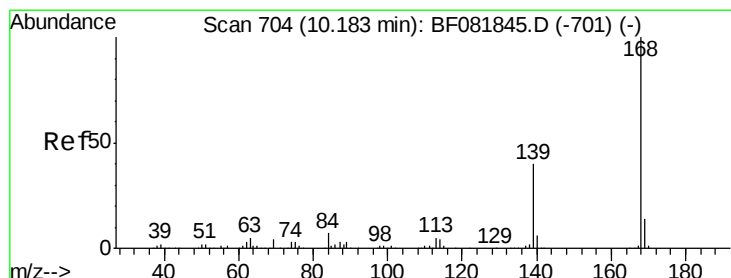
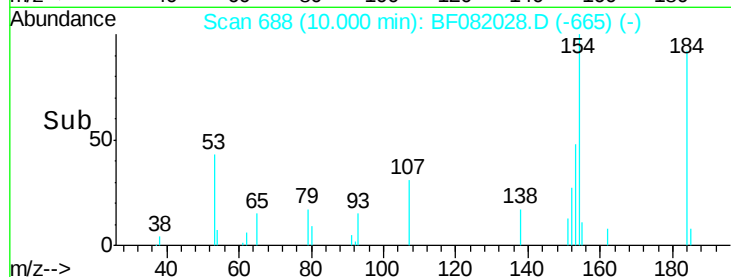
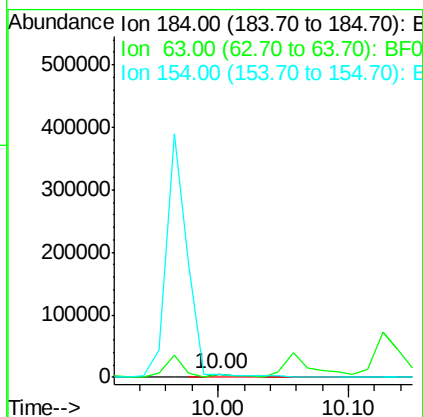
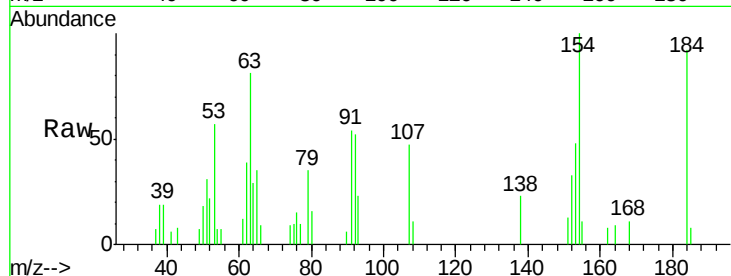




#53
2,4-Dinitrophenol
Concen: 15.73 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

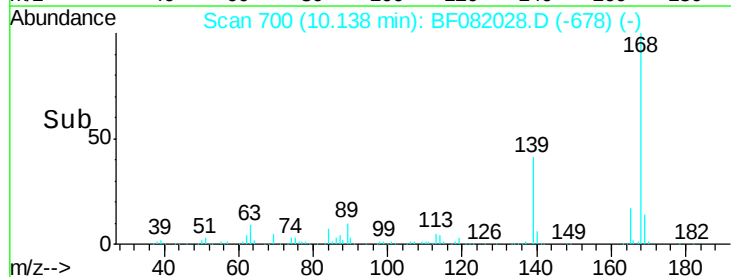
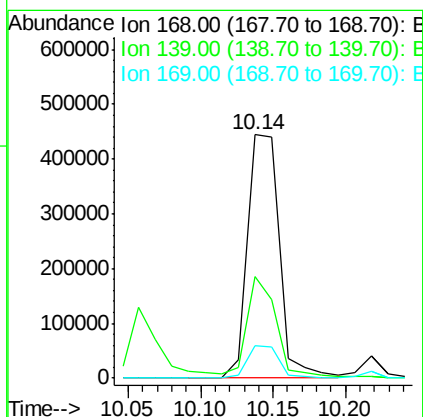
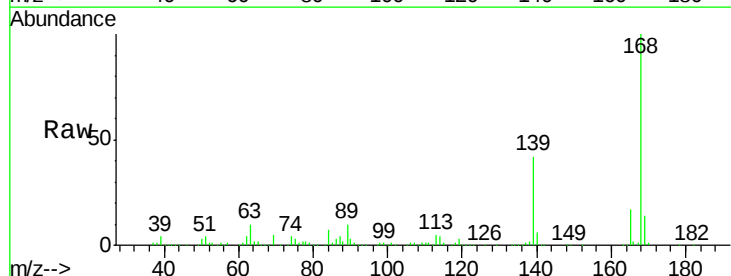
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

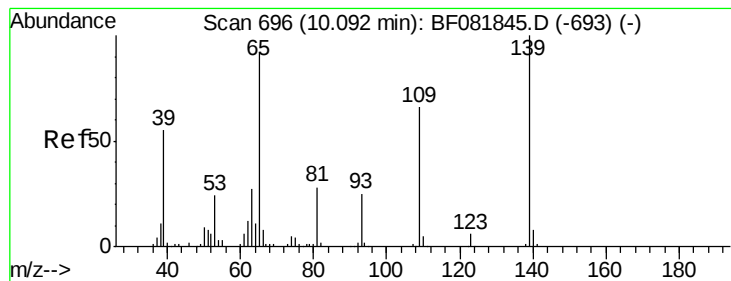
Tgt Ion:184 Resp: 10490
Ion Ratio Lower Upper
184 100
63 88.4 35.4 53.2#
154 109.1 32.2 48.4#



#54
Dibenzofuran
Concen: 43.94 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion:168 Resp: 679931
Ion Ratio Lower Upper
168 100
139 41.7 24.2 36.2#
169 13.6 10.6 15.8





#55

4-Nitrophenol

Concen: 78.23 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

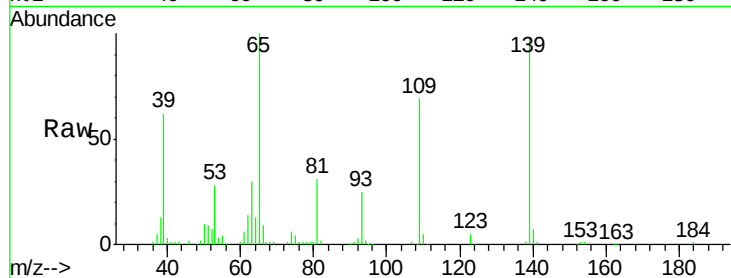
Tgt Ion:139 Resp: 186368

Ion Ratio Lower Upper

139 100

109 69.9 12.7 52.7#

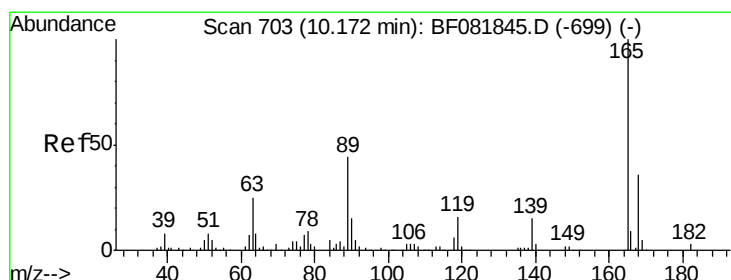
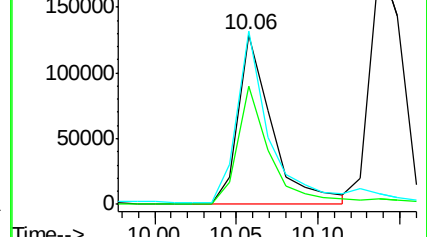
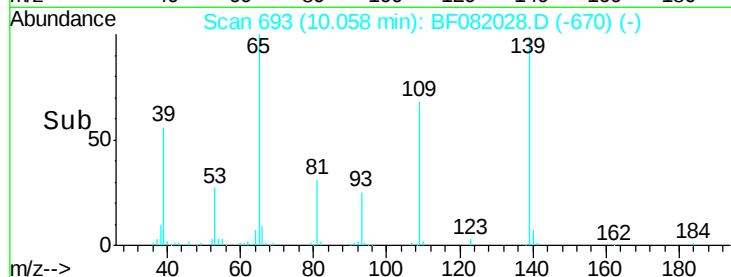
65 101.8 45.9 85.9#



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: 46.67 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion:165 Resp: 169545

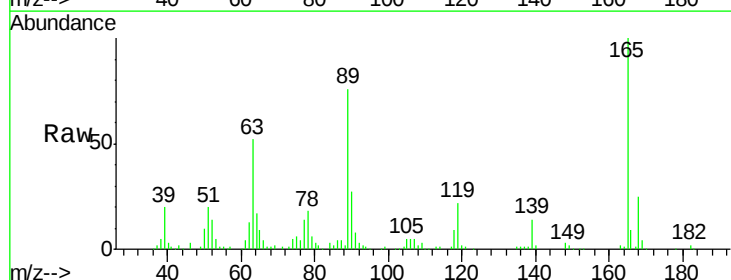
Ion Ratio Lower Upper

165 100

63 52.5 29.8 44.6#

89 76.2 44.5 66.7#

182 2.1 3.0 4.4#

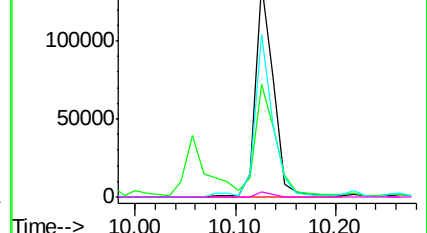
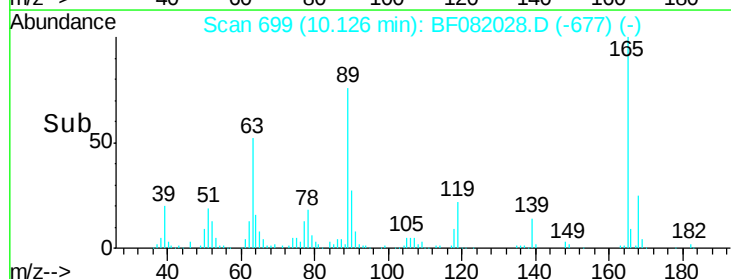


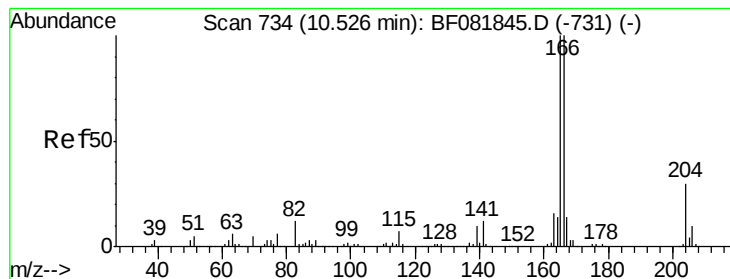
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.65 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

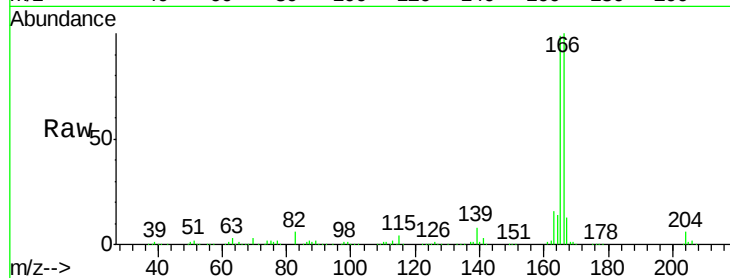
Tgt Ion:166 Resp: 546969

Ion Ratio Lower Upper

166 100

165 99.5 72.6 109.0

167 13.1 10.6 16.0

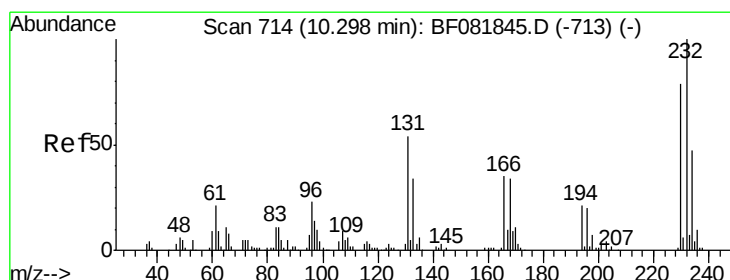
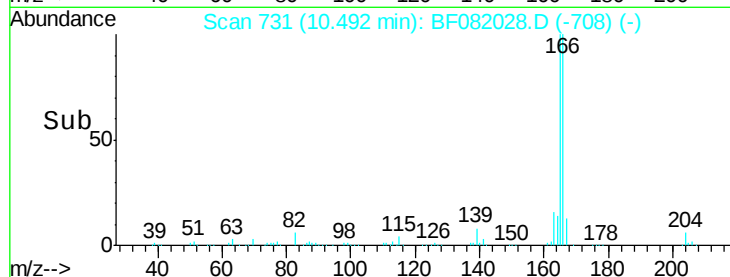
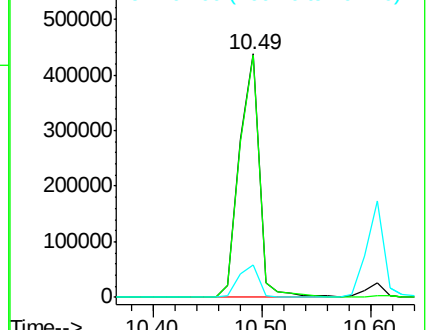


Abundance

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: 43.22 ng

RT: 10.22 min Scan# 707

Delta R.T. -0.08 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion:232 Resp: 141114

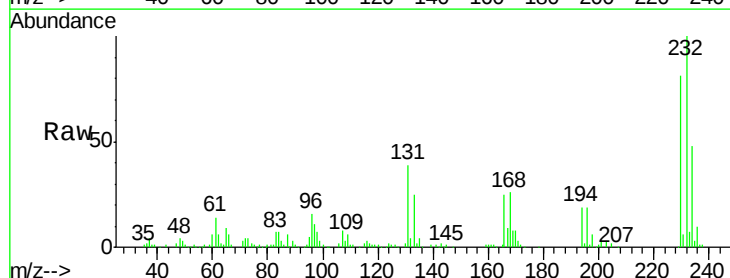
Ion Ratio Lower Upper

232 100

131 40.3 38.5 57.7

130 2.1 1.8 2.6

166 25.2 25.0 37.6



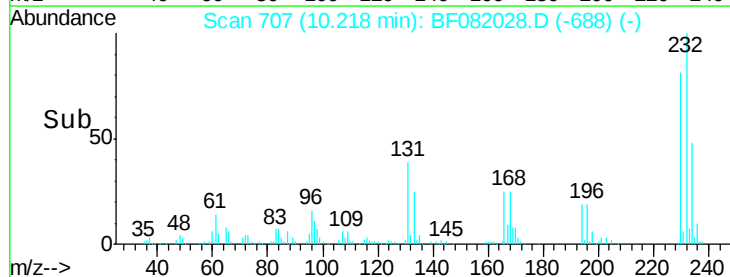
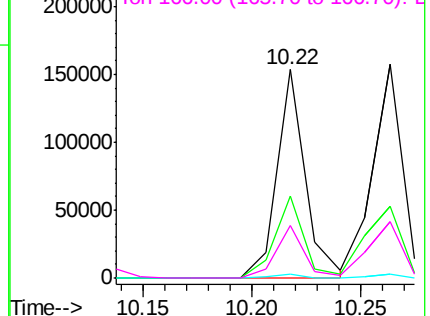
Abundance

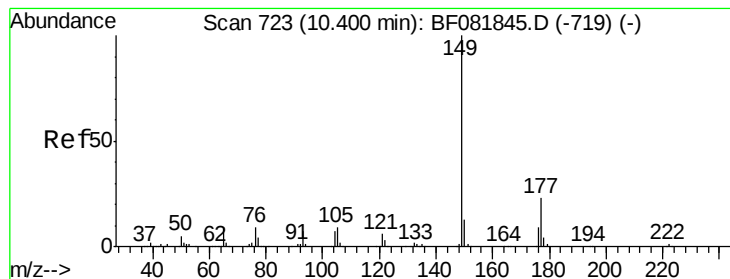
Ion 232.00 (231.70 to 232.70): E

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: 46.89 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

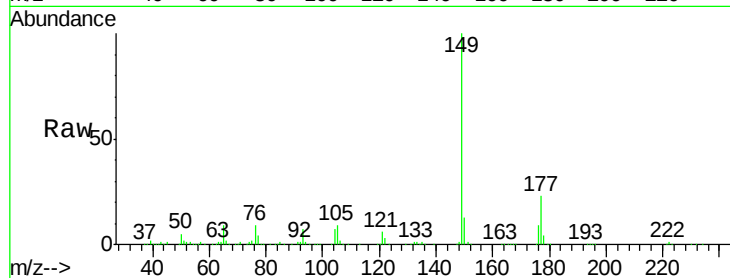
Tgt Ion:149 Resp: 574872

Ion Ratio Lower Upper

149 100

177 22.7 17.5 26.3

150 12.7 9.4 14.2



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

10.37

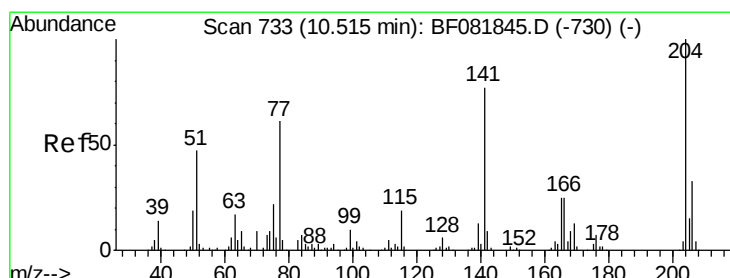
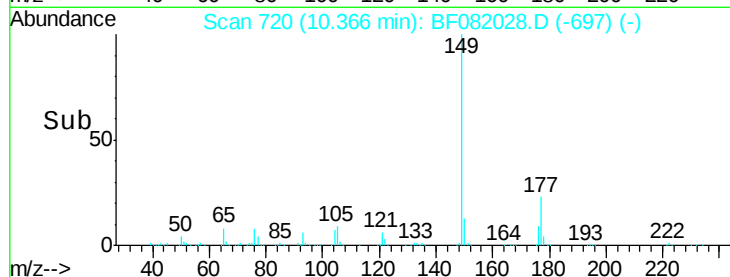
600000

400000

200000

0

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 46.87 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

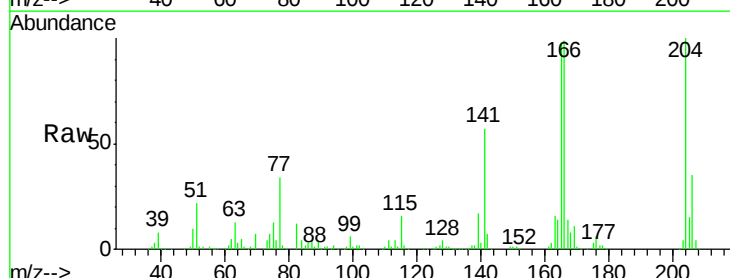
Tgt Ion:204 Resp: 265504

Ion Ratio Lower Upper

204 100

206 34.5 24.8 37.2

141 57.2 42.2 63.4



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

10.48

400000

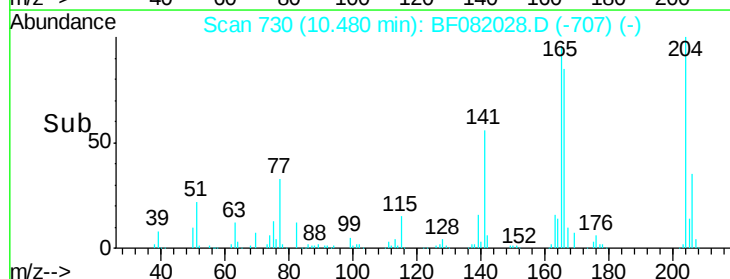
300000

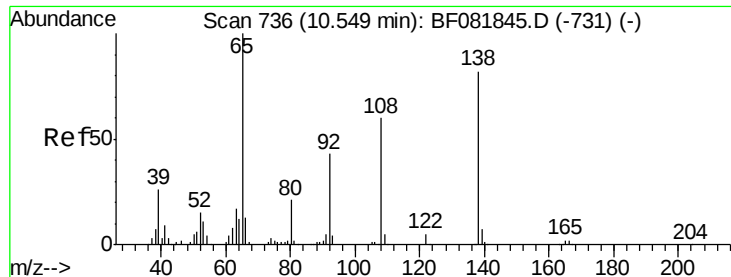
200000

100000

0

Time-->





#61

4-Nitroaniline

Concen: 42.21 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

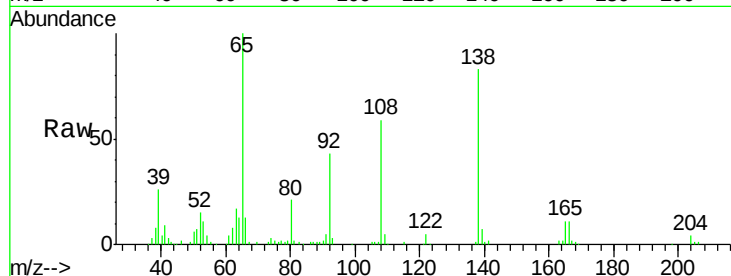
Tgt Ion:138 Resp: 139536

Ion Ratio Lower Upper

138 100

92 51.7 12.6 52.6

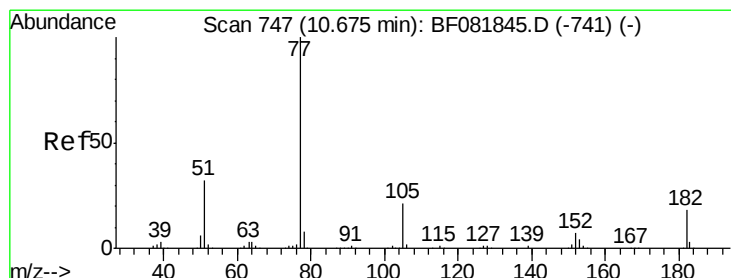
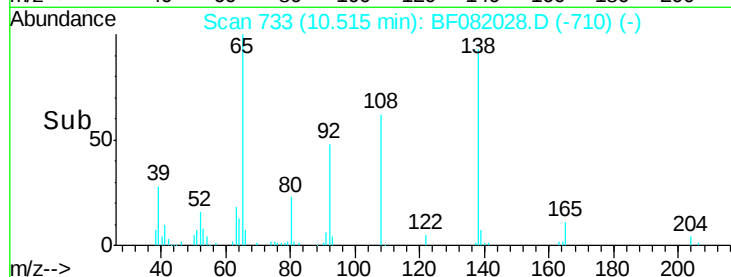
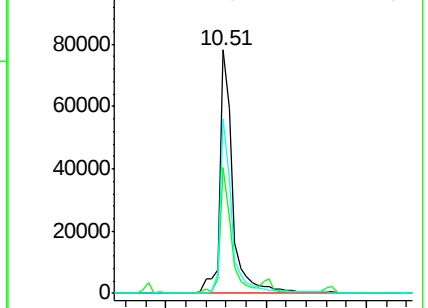
108 71.6 12.4 52.4#



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: 47.50 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion: 77 Resp: 568321

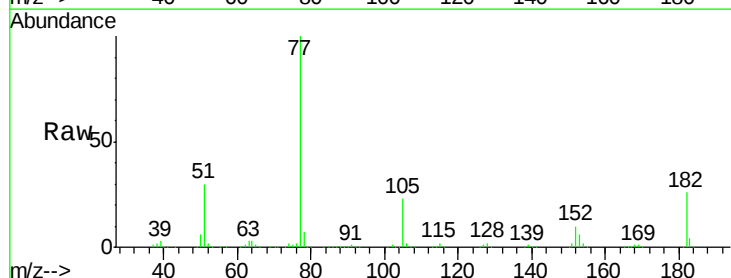
Ion Ratio Lower Upper

77 100

182 26.1 15.1 55.1

105 23.3 3.4 43.4

51 29.7 12.0 52.0

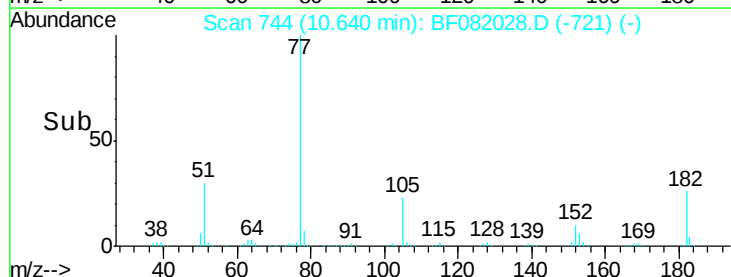
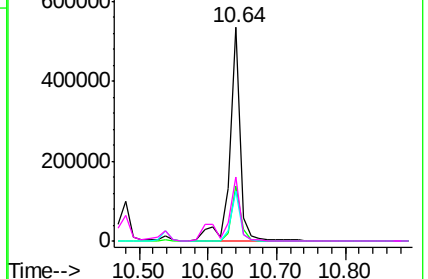


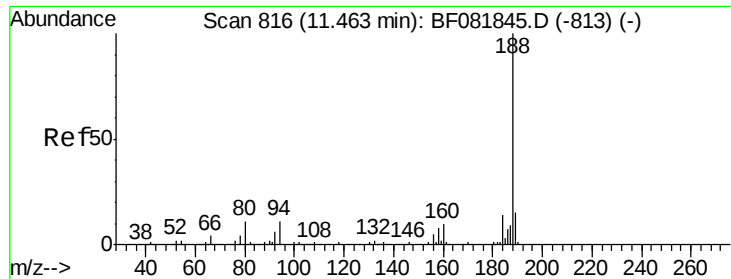
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

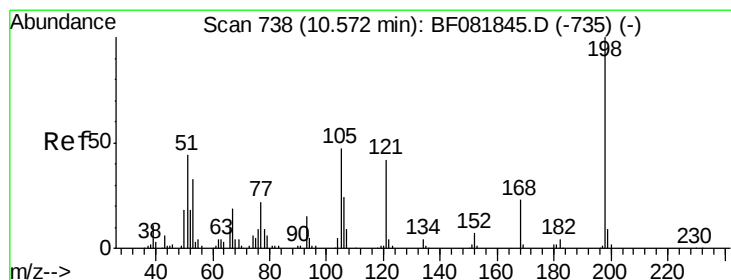
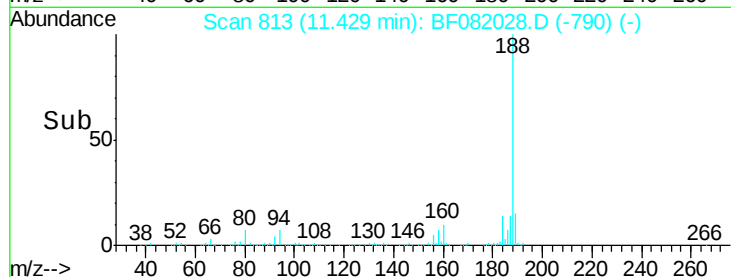
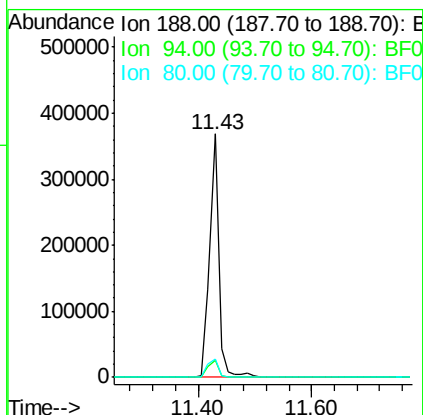
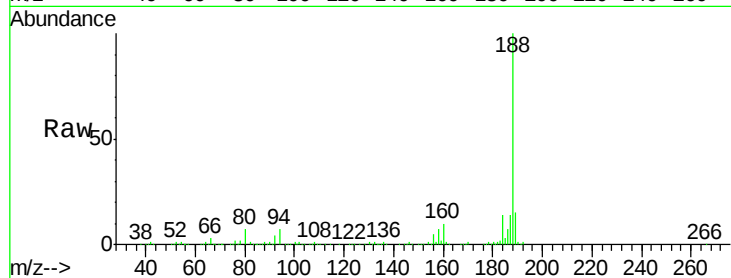




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

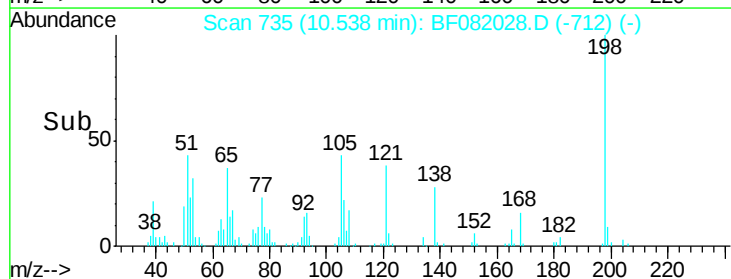
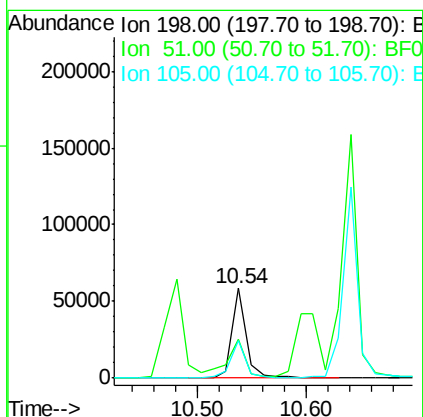
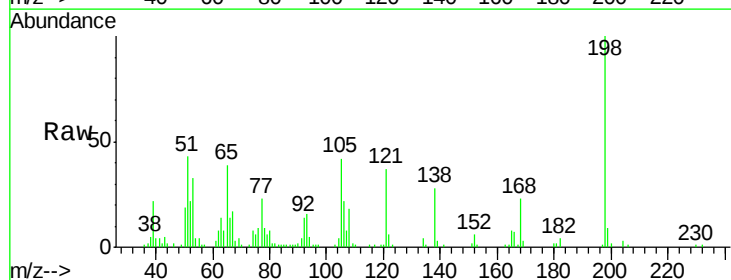
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

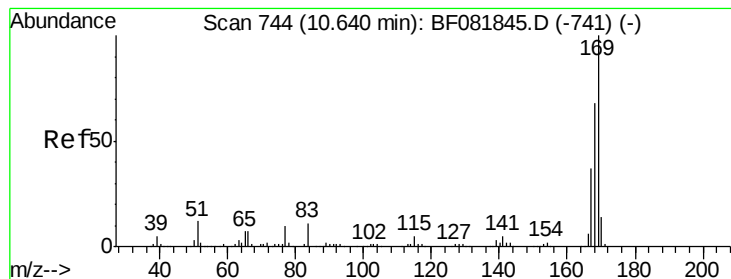
Tgt Ion:188 Resp: 398655
Ion Ratio Lower Upper
188 100
94 7.2 11.1 16.7#
80 7.5 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 31.68 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion:198 Resp: 52480
Ion Ratio Lower Upper
198 100
51 42.6 39.6 79.6
105 42.2 28.5 68.5

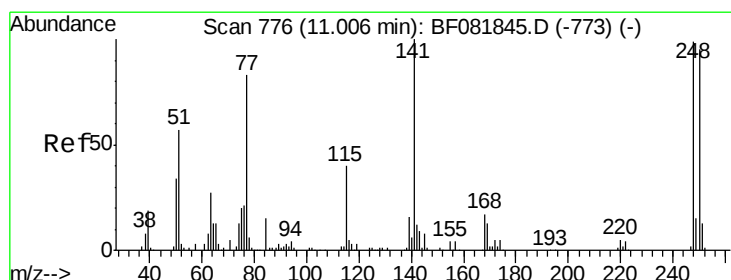
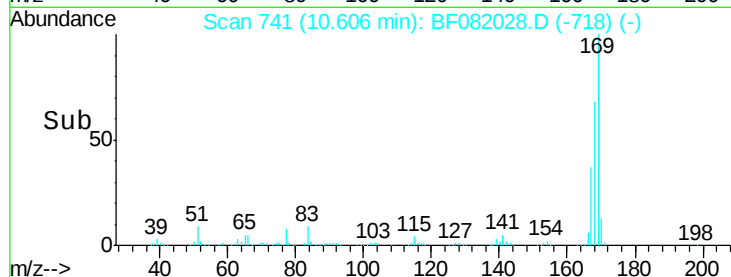
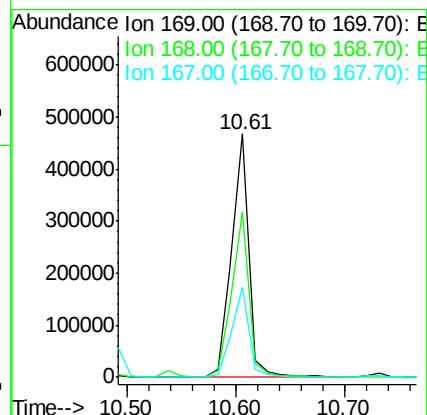
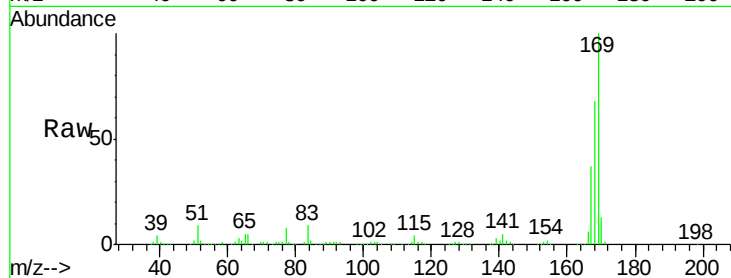




#65
 n-Nitrosodiphenylamine
 Concen: 42.78 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

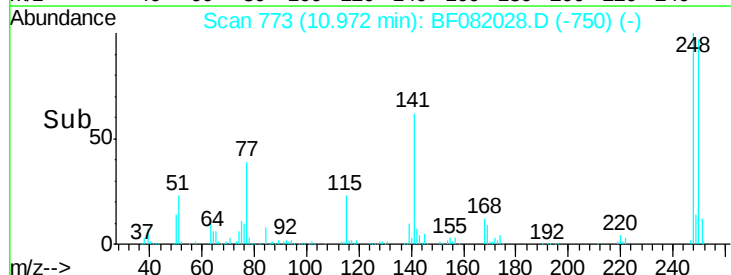
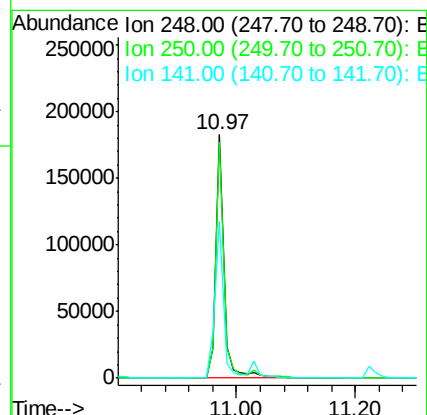
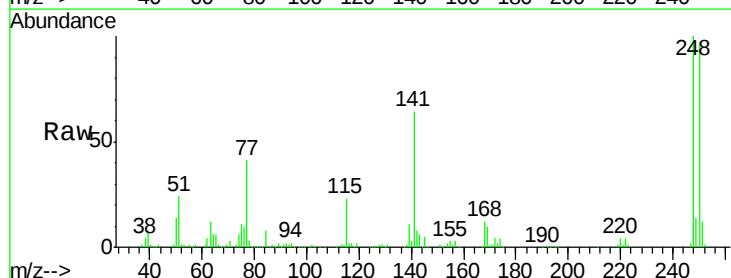
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

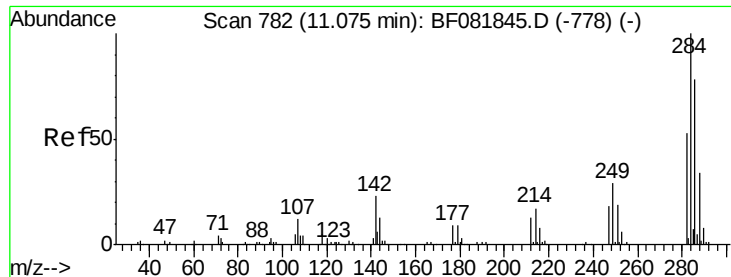
Tgt Ion:169 Resp: 516046
 Ion Ratio Lower Upper
 169 100
 168 67.8 48.9 73.3
 167 37.1 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 43.43 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:248 Resp: 174574
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.5 117.7
 141 64.2 59.0 88.6

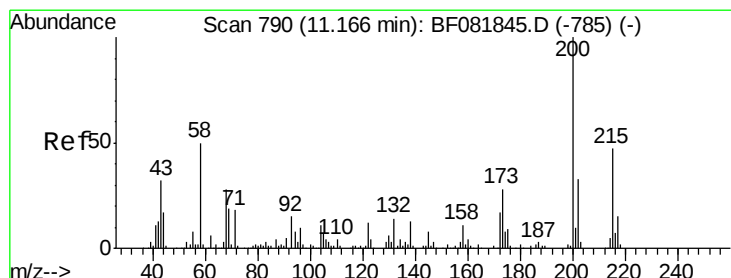
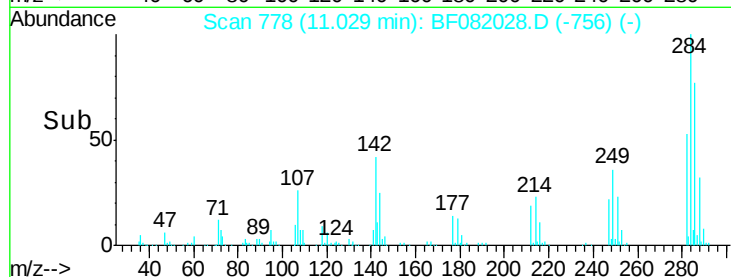
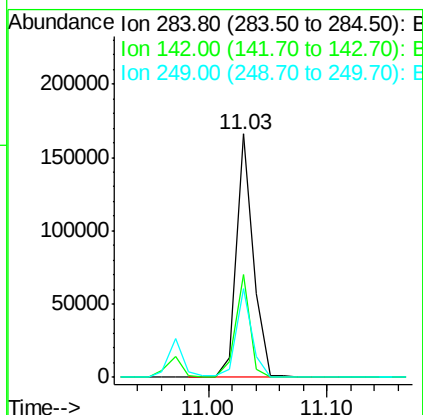
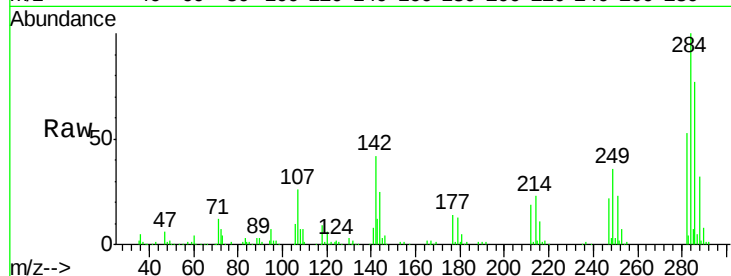




#67
Hexachlorobenzene
Concen: 36.24 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

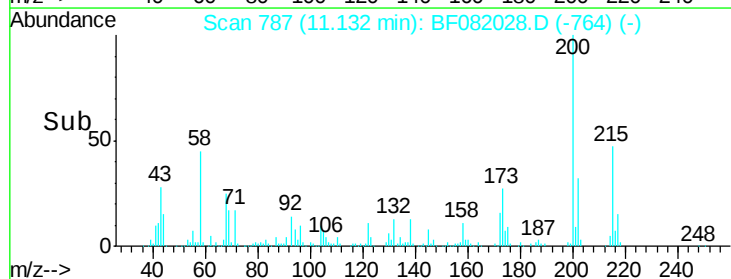
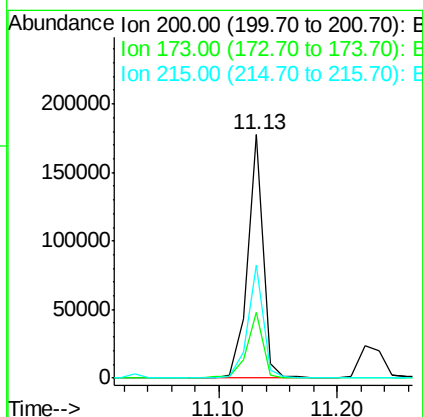
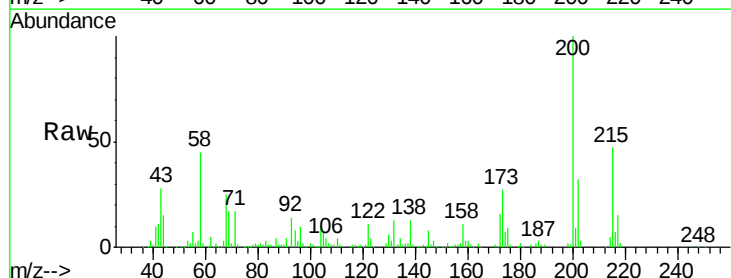
Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

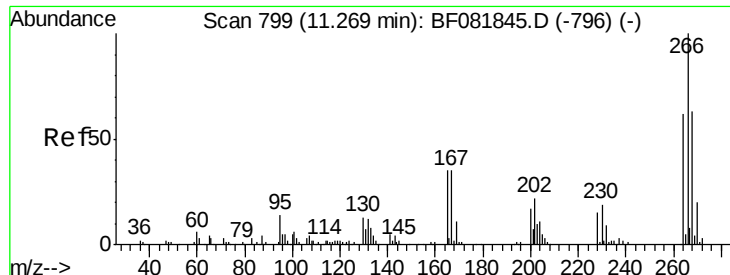
Tgt Ion:284 Resp: 164411
Ion Ratio Lower Upper
284 100
142 42.1 29.5 44.3
249 36.2 19.5 29.3#



#68
Atrazine
Concen: 43.74 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion:200 Resp: 163707
Ion Ratio Lower Upper
200 100
173 26.9 13.2 53.2
215 46.6 41.8 81.8

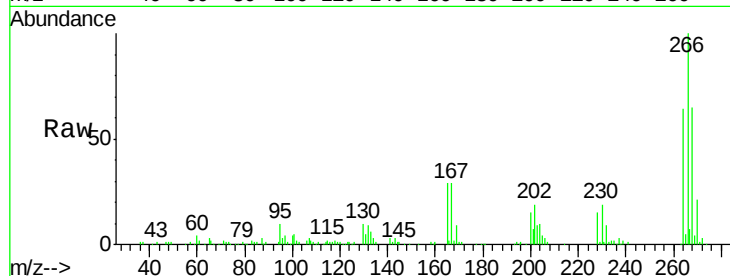




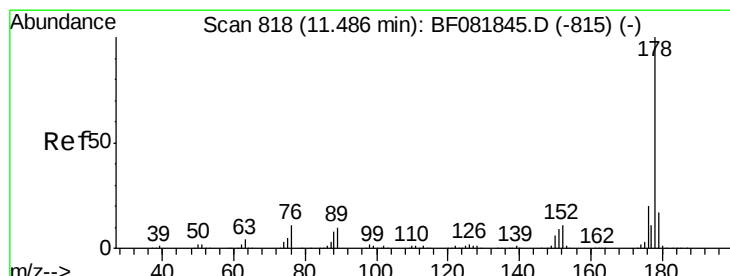
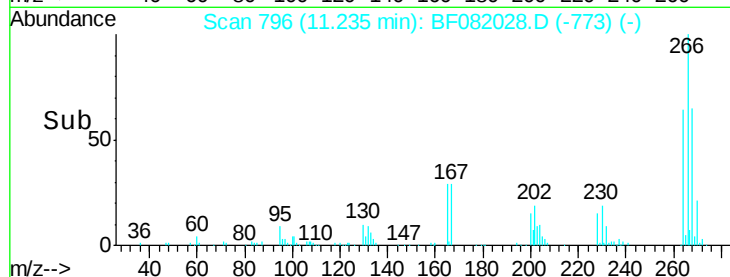
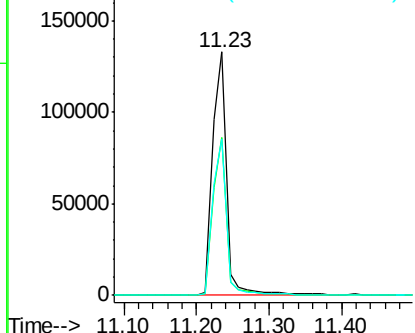
#69
 Pentachlorophenol
 Concen: 69.32 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion:266 Resp: 179178
 Ion Ratio Lower Upper
 266 100
 268 64.9 49.8 74.6
 264 64.1 50.2 75.2

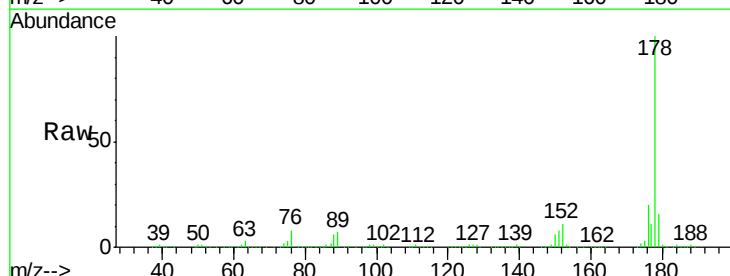


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

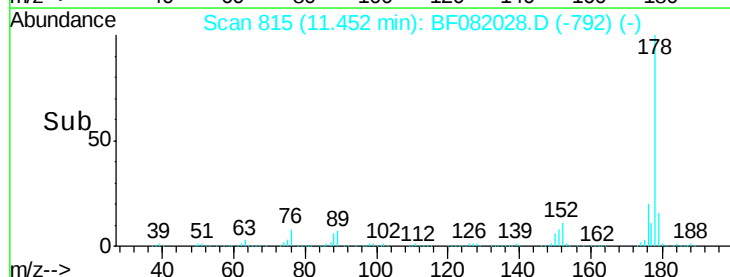
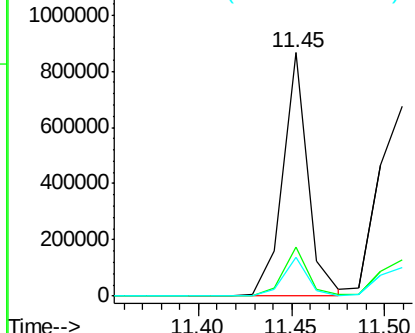


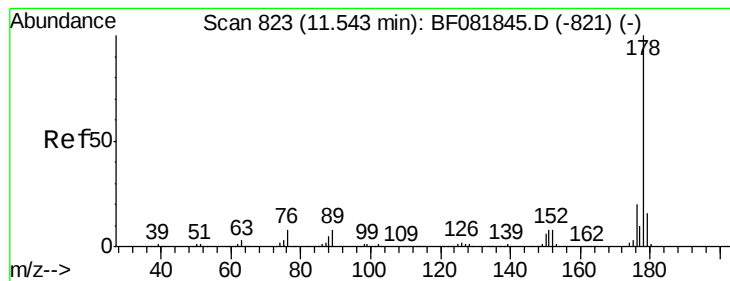
#70
 Phenanthrene
 Concen: 41.99 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:178 Resp: 807725
 Ion Ratio Lower Upper
 178 100
 176 20.4 13.8 20.8
 179 15.8 12.2 18.2



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: 44.32 ng

RT: 11.51 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

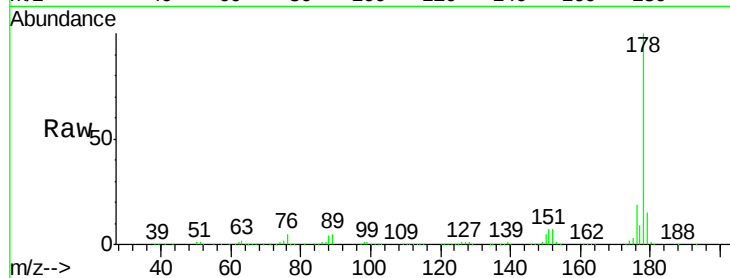
Tgt Ion:178 Resp: 898047

Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

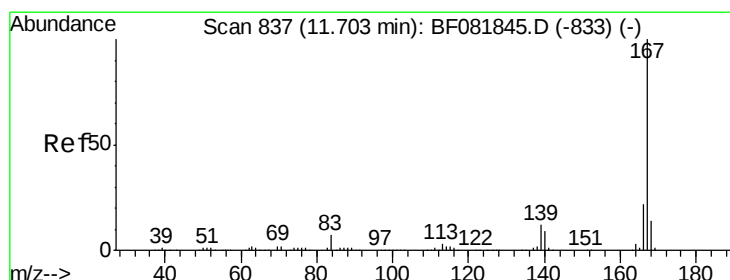
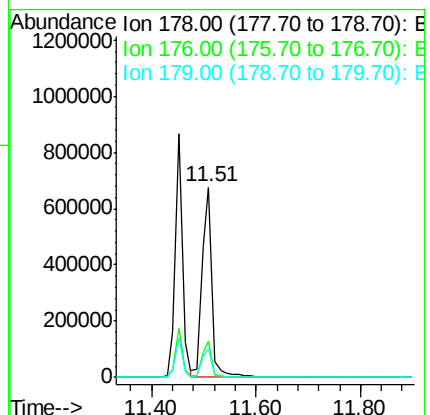
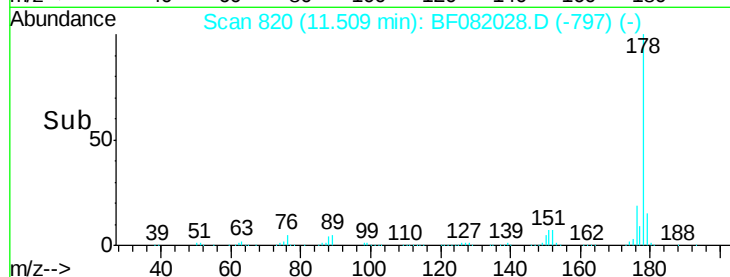
179 15.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.91 ng

RT: 11.66 min Scan# 833

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

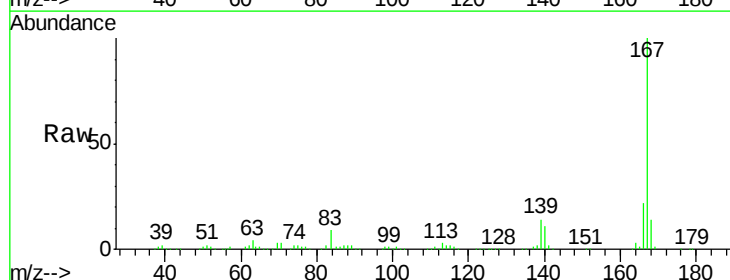
Tgt Ion:167 Resp: 786907

Ion Ratio Lower Upper

167 100

166 22.1 15.7 23.5

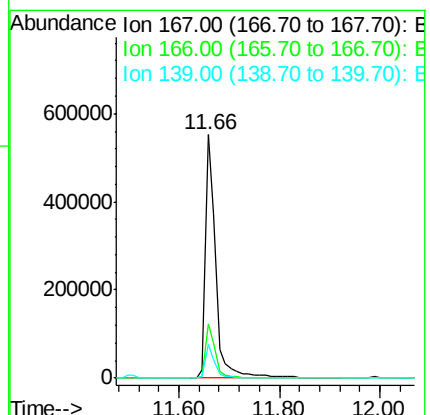
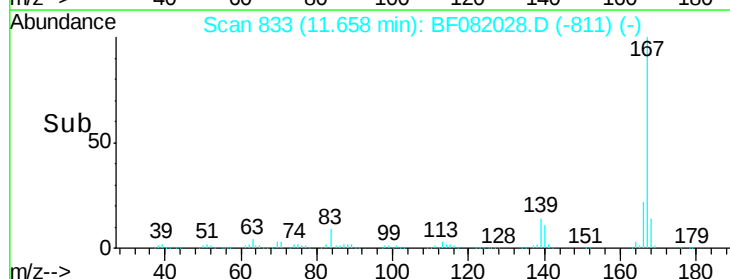
139 13.7 9.5 14.3

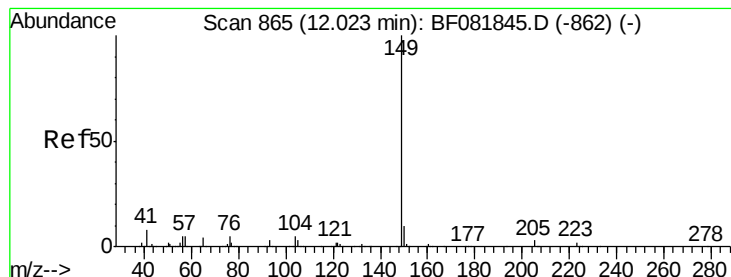


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.20 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

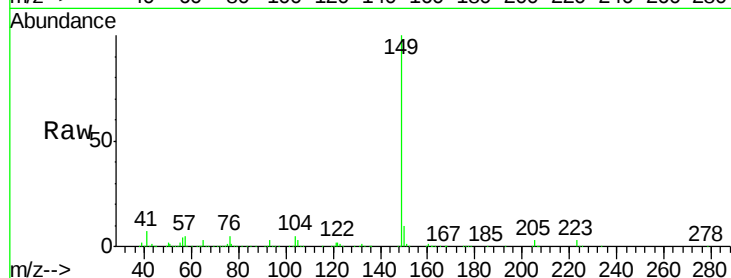
Tgt Ion:149 Resp: 844160

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

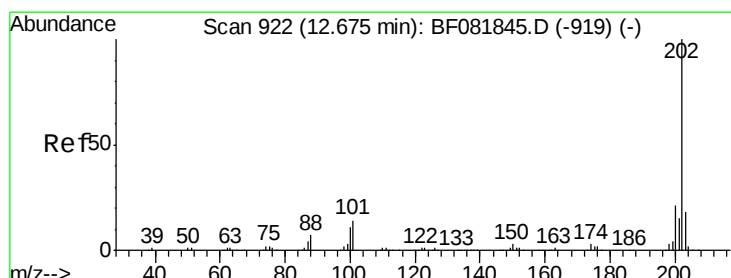
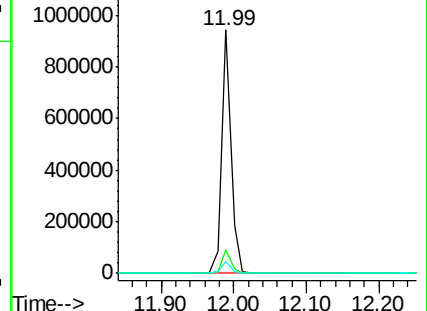
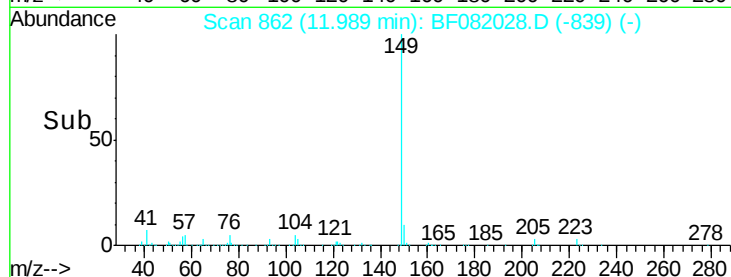
104 4.9 2.4 3.6#



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: 40.27 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

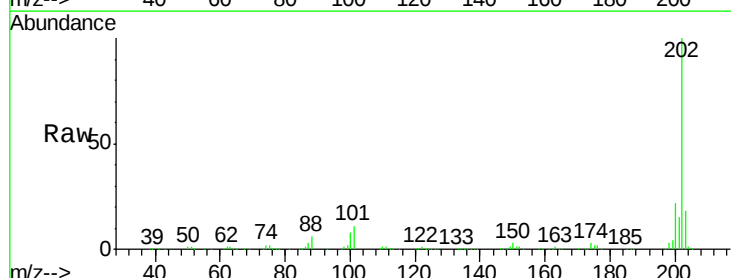
Tgt Ion:202 Resp: 860095

Ion Ratio Lower Upper

202 100

101 11.1 0.0 38.3

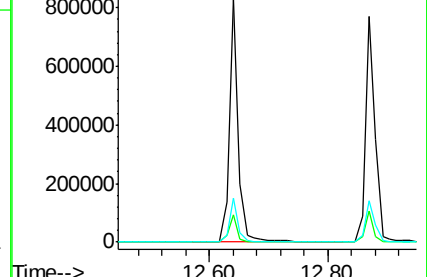
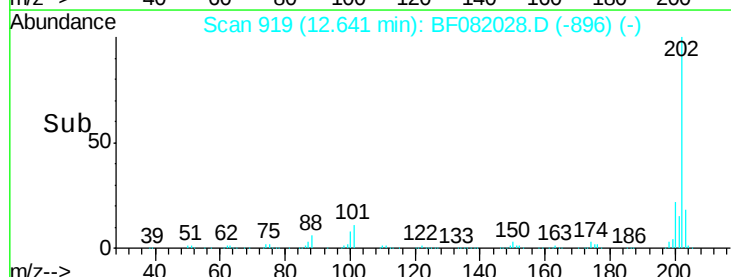
203 18.2 0.0 37.3

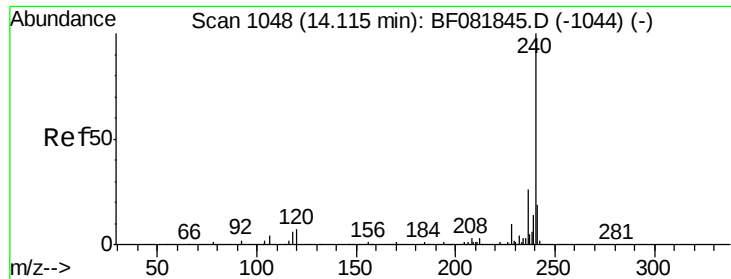


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

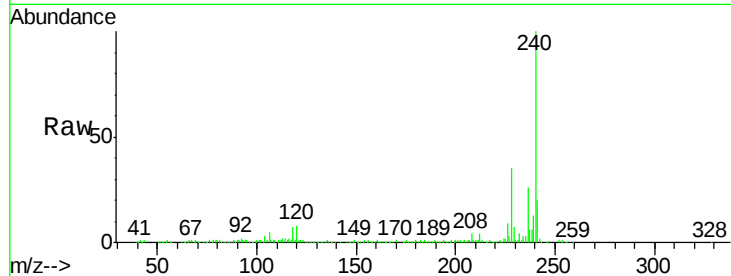
Tgt Ion:240 Resp: 338671

Ion Ratio Lower Upper

240 100

120 8.1 16.2 24.2#

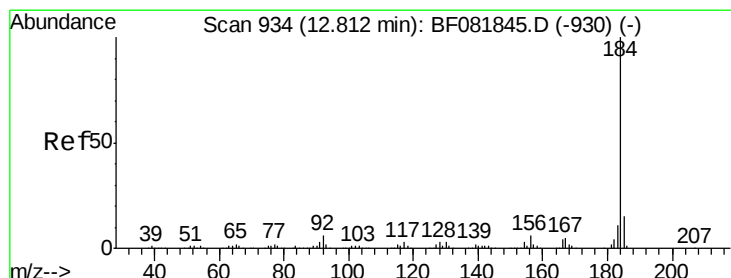
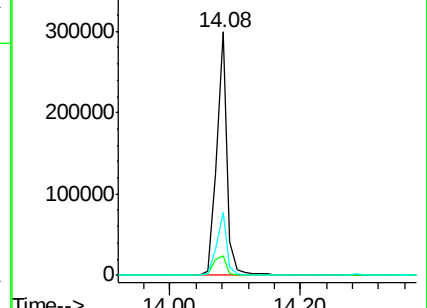
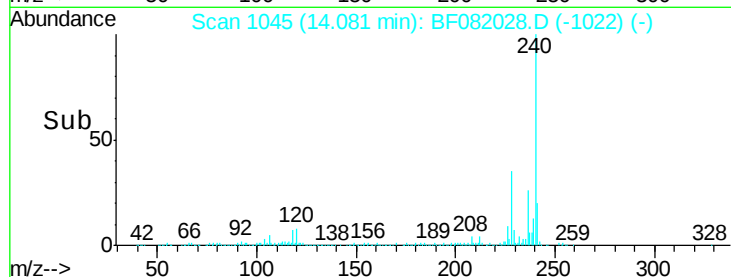
236 25.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.49 ng

RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

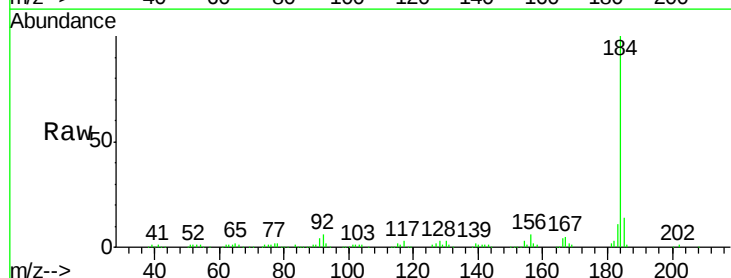
Tgt Ion:184 Resp: 300880

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

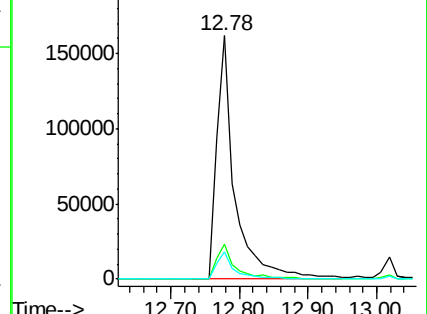
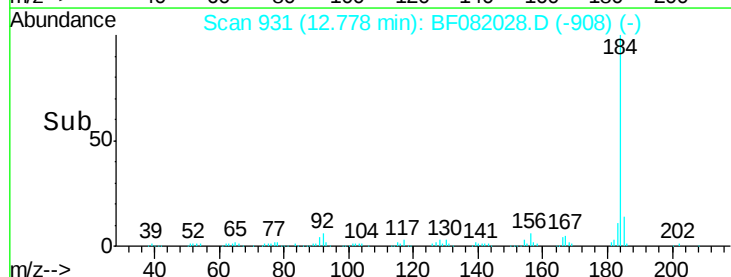
183 11.2 7.6 11.4

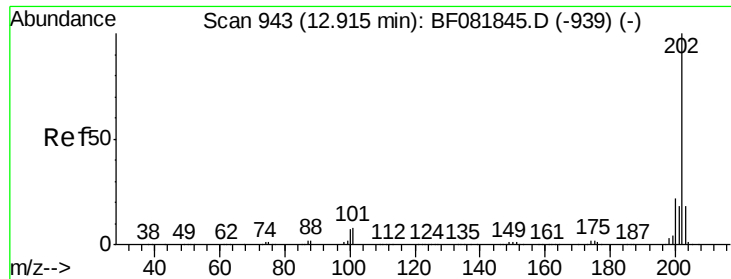


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

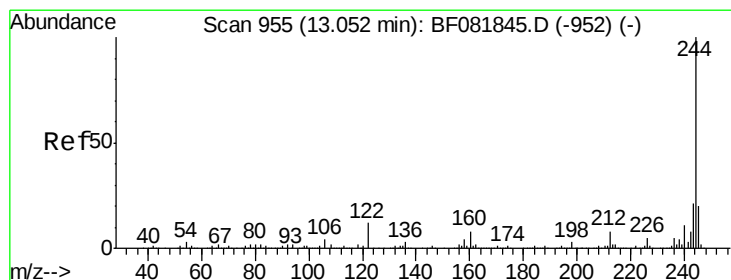
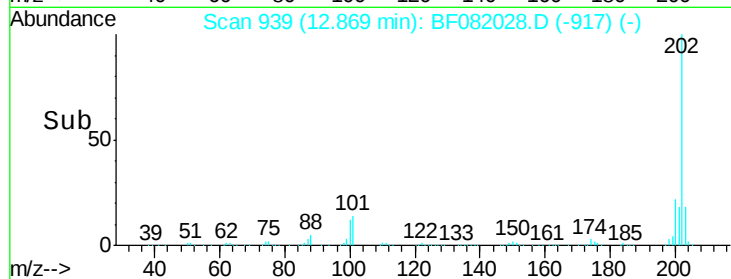
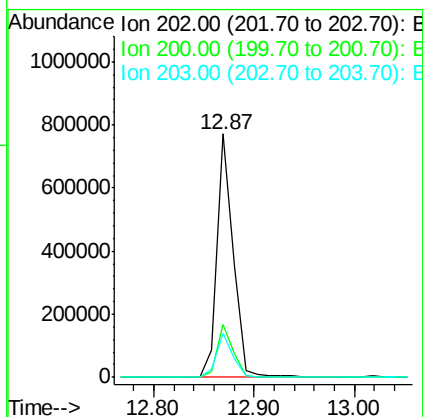
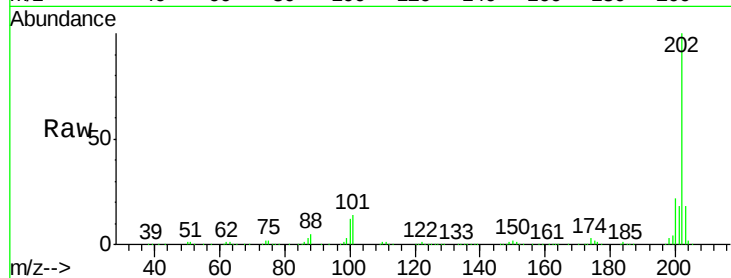




#77
 Pyrene
 Concen: 42.68 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

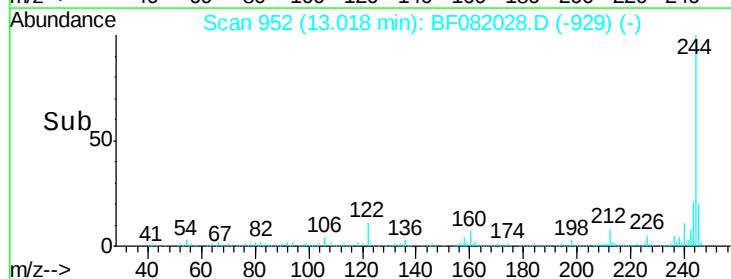
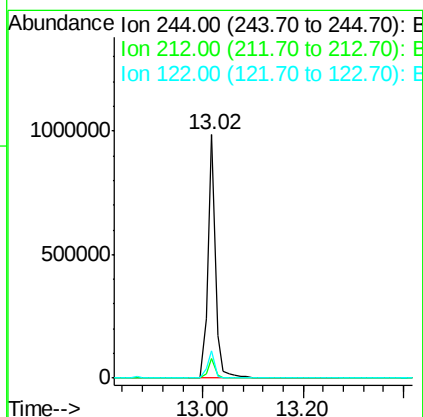
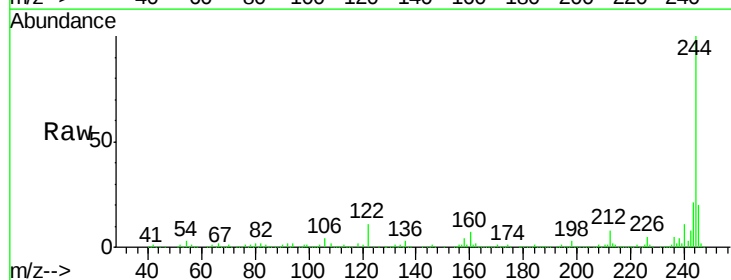
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

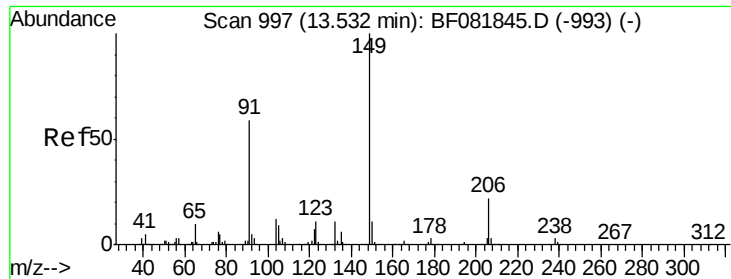
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	18.3	14.1	21.1



#78
 Terphenyl-d14
 Concen: 103.75 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.0	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 50.71 ng

RT: 13.50 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

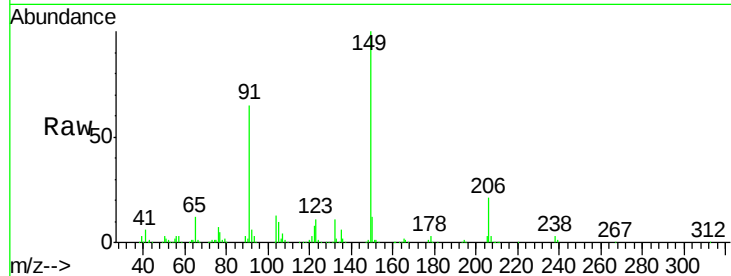
Tgt Ion:149 Resp: 386074

Ion Ratio Lower Upper

149 100

91 65.0 48.6 72.8

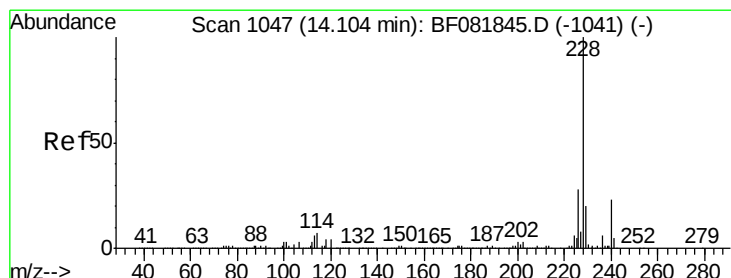
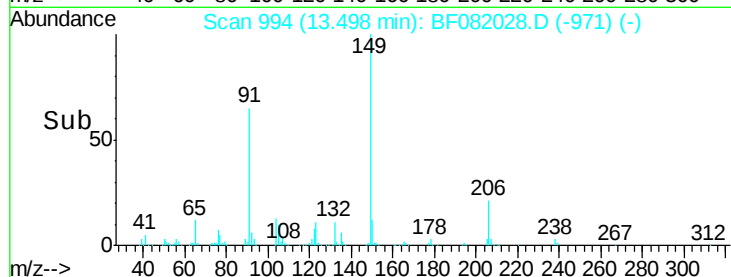
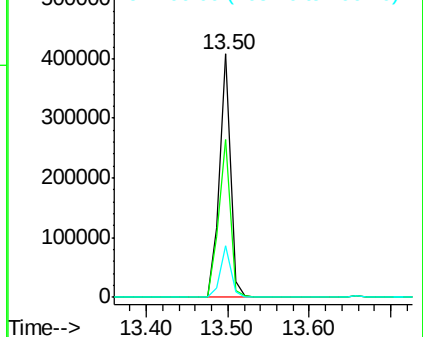
206 21.4 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.61 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

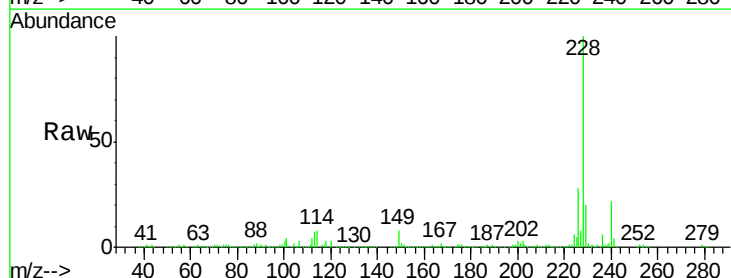
Tgt Ion:228 Resp: 722303

Ion Ratio Lower Upper

228 100

226 27.8 20.0 30.0

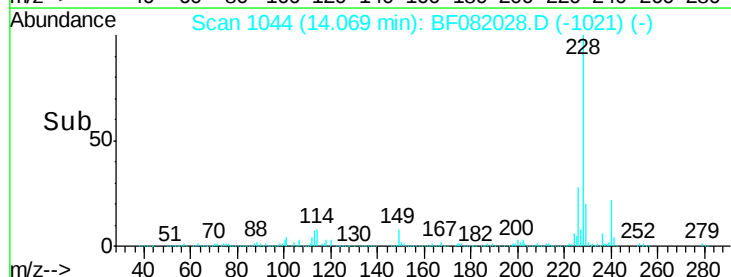
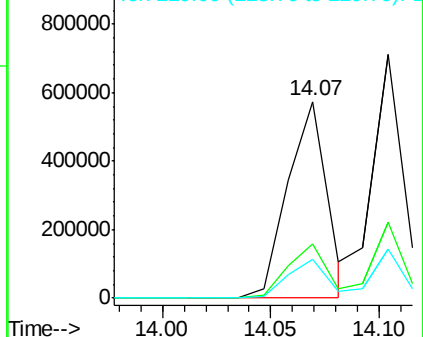
229 19.7 15.4 23.2

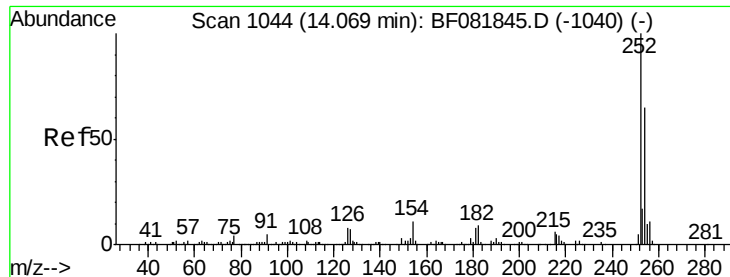


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

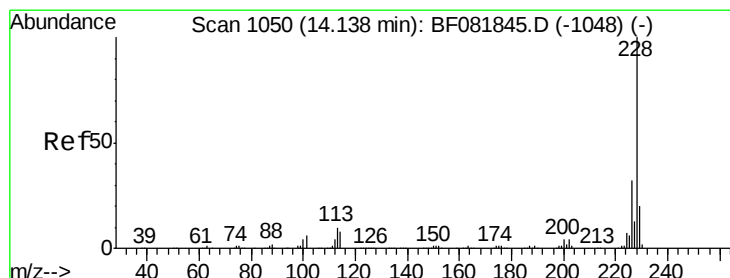
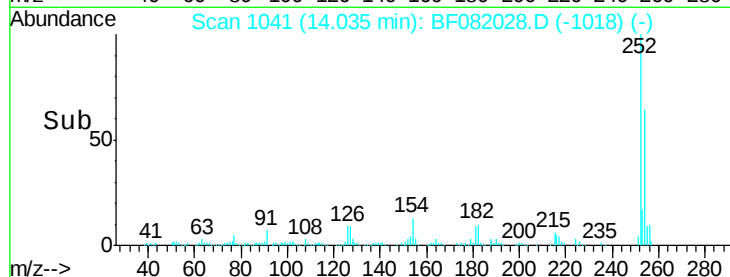
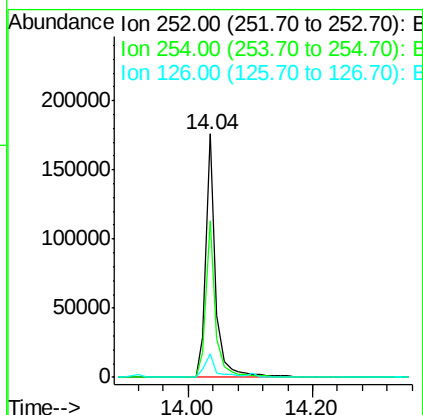
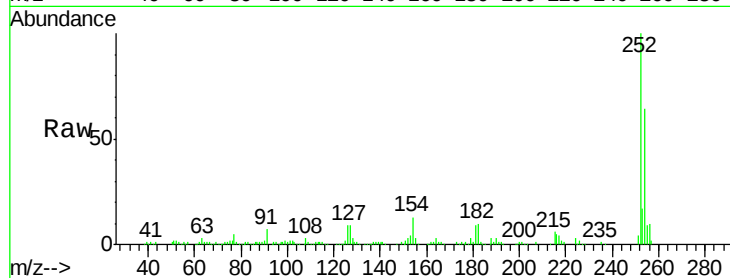




#81
 3,3'-Dichlorobenzidine
 Concen: 31.65 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

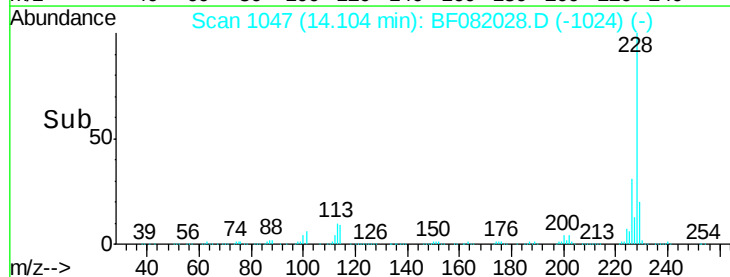
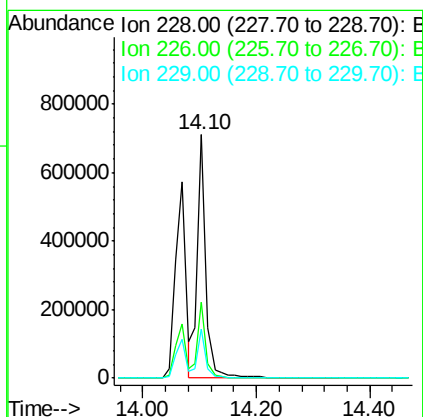
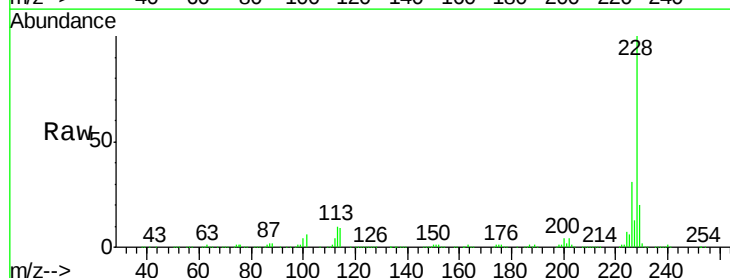
Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

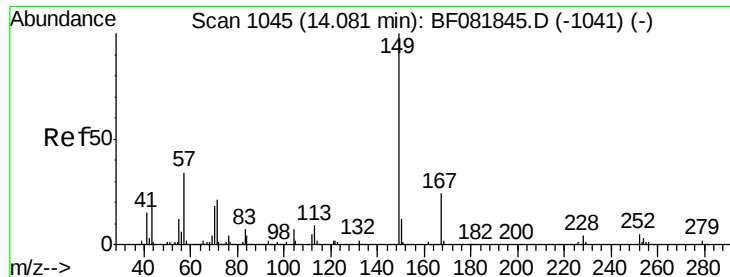
Tgt Ion:252 Resp: 194934
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.2
 126 9.4 16.4 24.6#



#82
 Chrysene
 Concen: 49.27 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:228 Resp: 745907
 Ion Ratio Lower Upper
 228 100
 226 31.3 21.0 31.4
 229 20.4 15.6 23.4

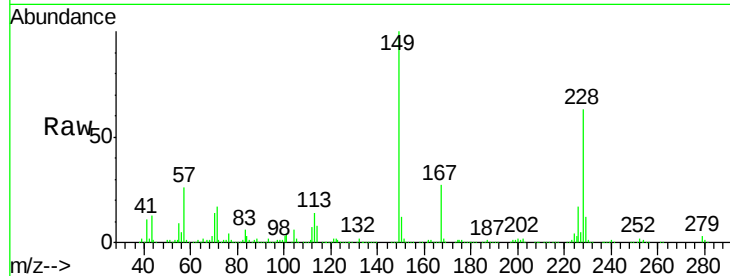




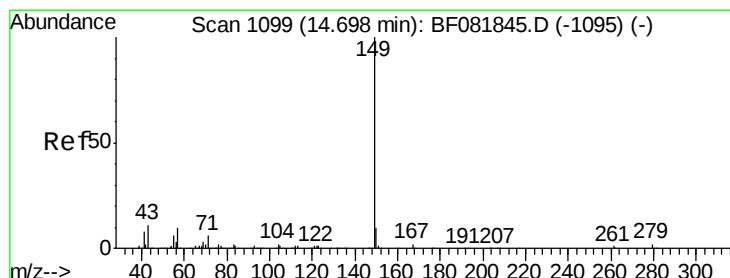
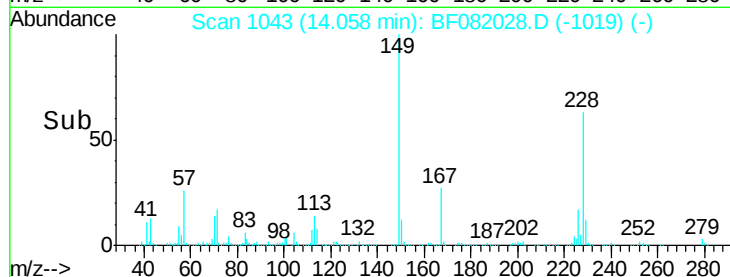
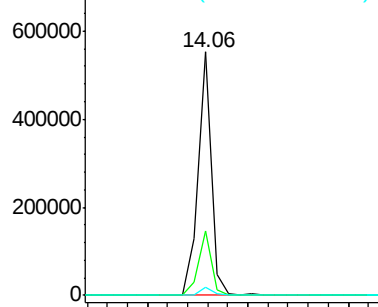
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.24 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion:149 Resp: 508414
 Ion Ratio Lower Upper
 149 100
 167 26.6 24.2 36.2
 279 3.1 3.8 5.6#

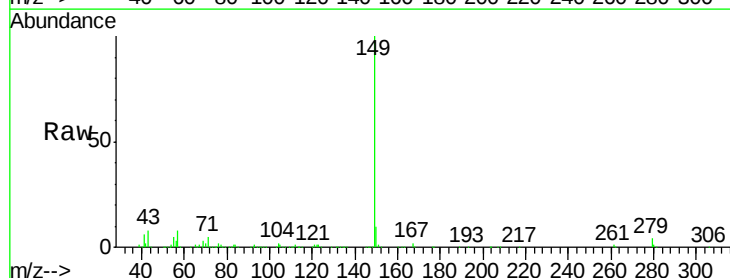


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

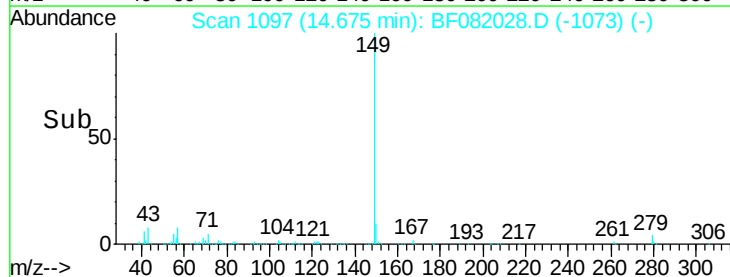
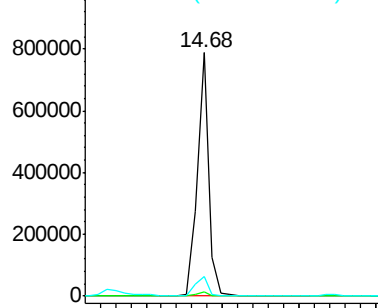


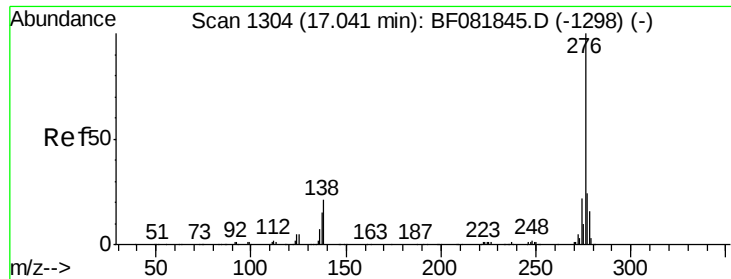
#84
 Di-n-octyl phthalate
 Concen: 53.60 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion:149 Resp: 832979
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.0 10.2 15.2#



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

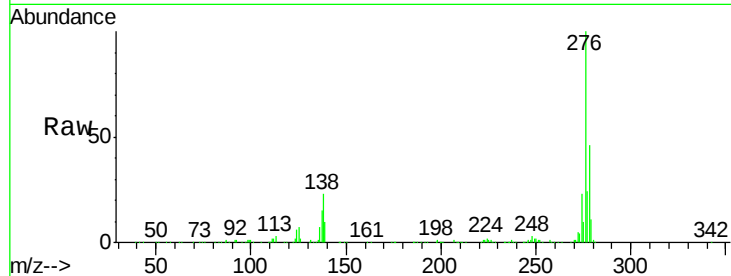




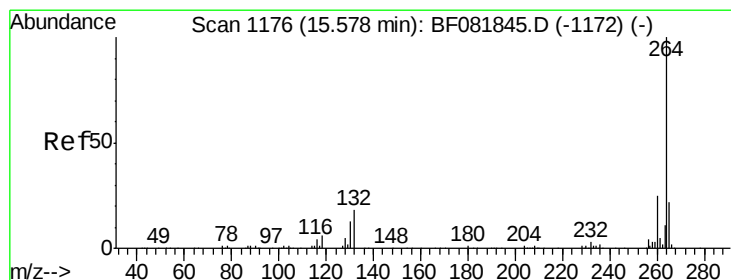
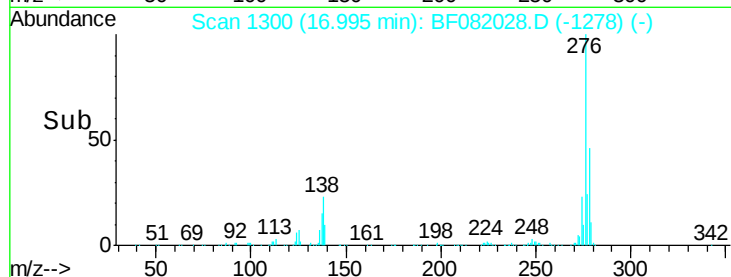
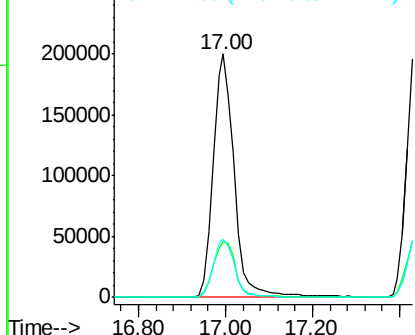
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.73 ng
RT: 17.00 min Scan# 1300
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tgt Ion:276 Resp: 680873
Ion Ratio Lower Upper
276 100
138 24.7 25.7 38.5#
277 24.8 15.6 23.4#

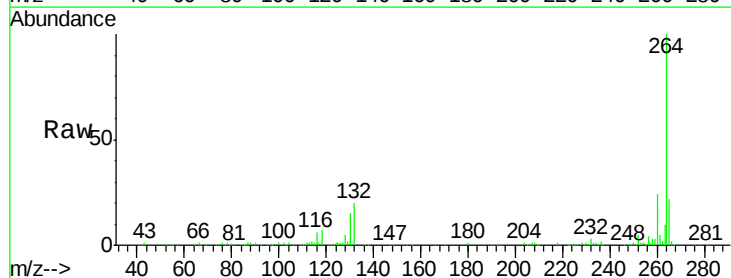


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

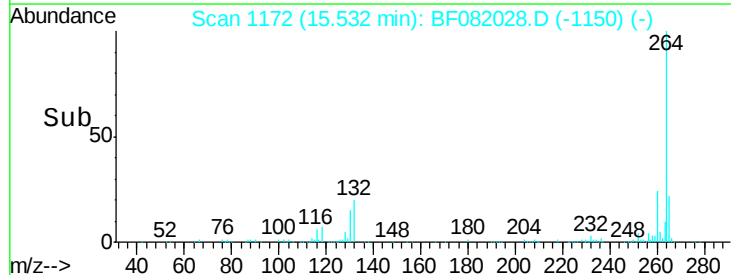
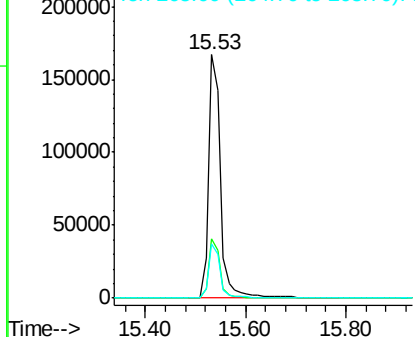


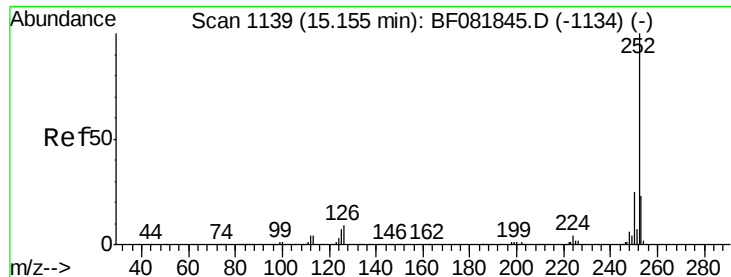
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion:264 Resp: 275556
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 82.33 ng

RT: 15.14 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

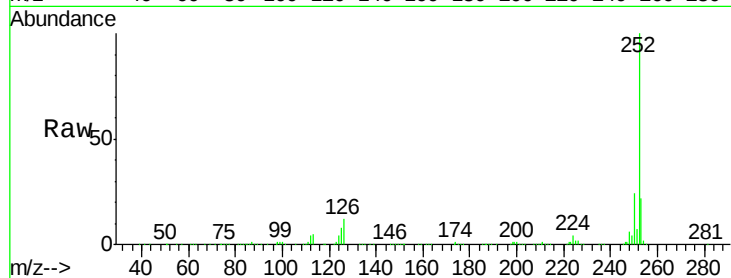
Tgt Ion:252 Resp: 1295297

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

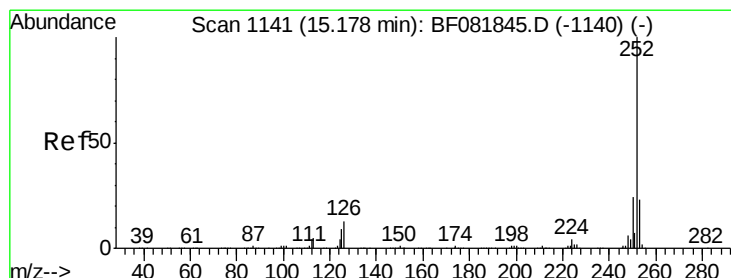
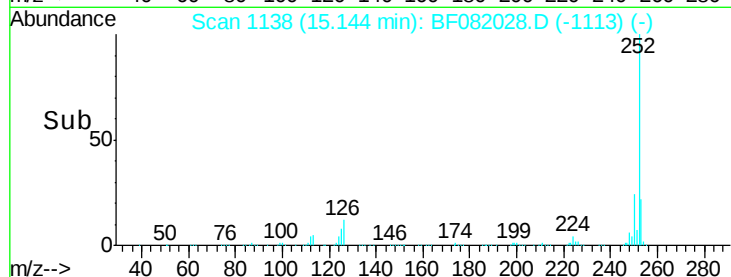
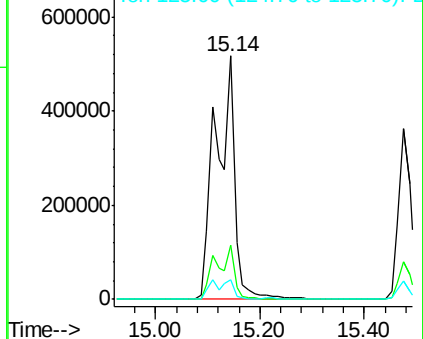
125 8.0 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 90.00 ng

RT: 15.14 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

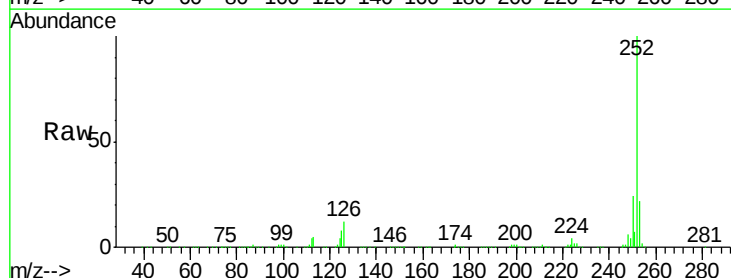
Tgt Ion:252 Resp: 1297713

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

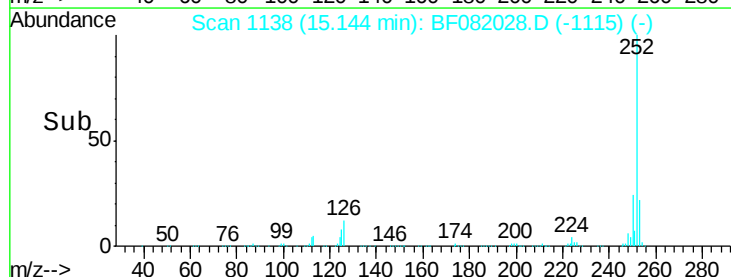
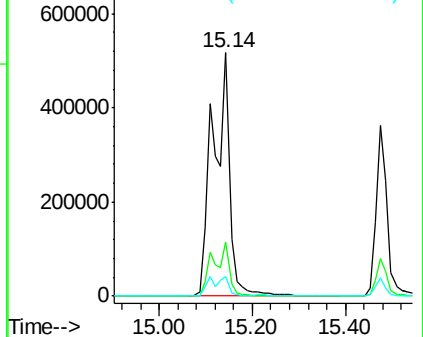
125 8.0 16.0 24.0#

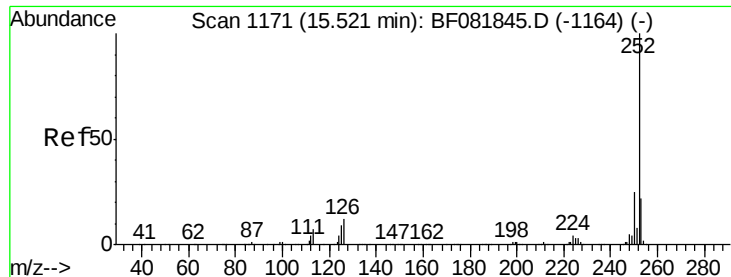


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.29 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

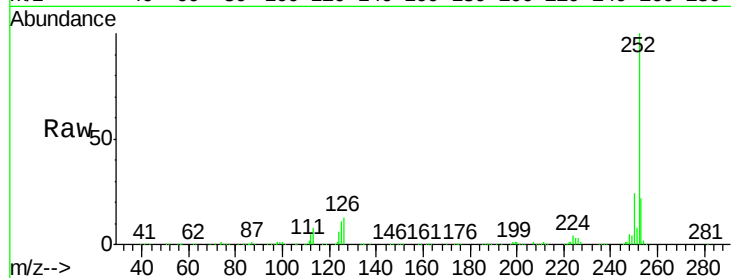
Tgt Ion:252 Resp: 618102

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

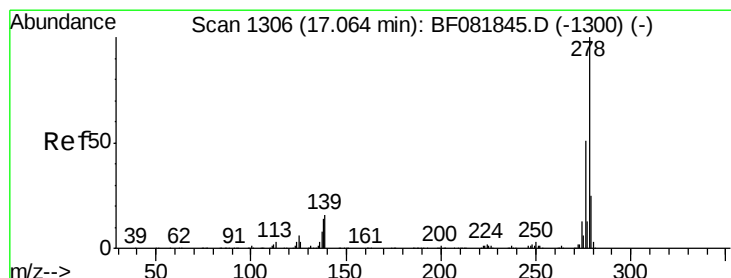
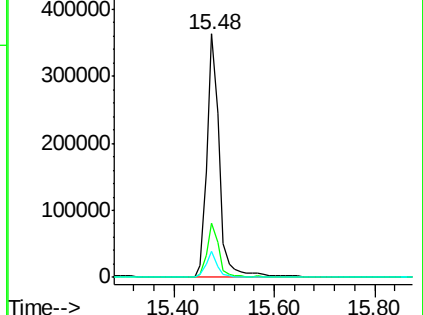
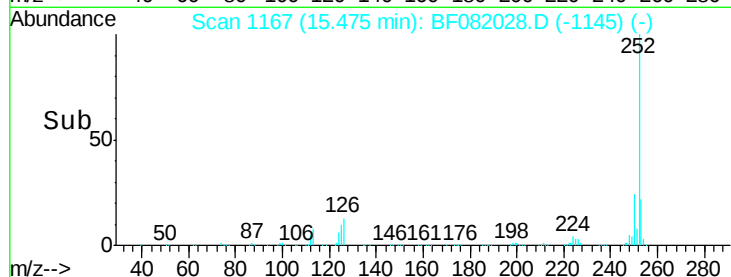
125 10.5 18.0 27.0#



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: 49.91 ng

RT: 17.02 min Scan# 1302

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

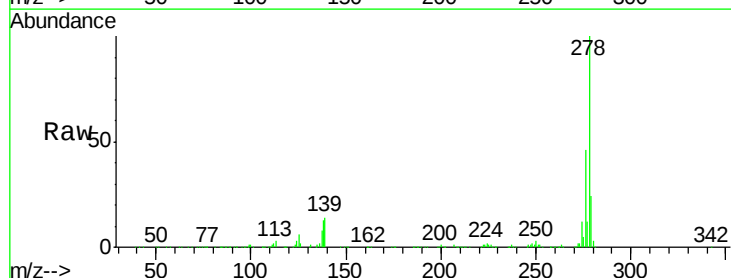
Tgt Ion:278 Resp: 571439

Ion Ratio Lower Upper

278 100

139 14.4 26.3 39.5#

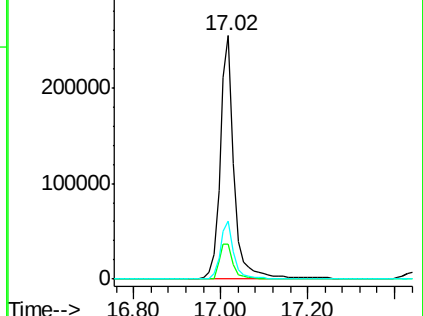
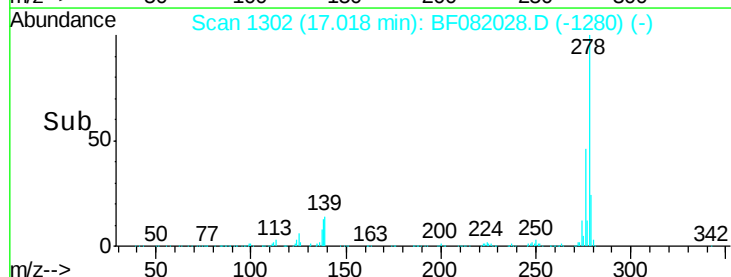
279 24.0 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 47.85 ng
 RT: 17.44 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	19.6	34.6	51.8

