

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080420.D
 Acq On : 11 Jul 2015 7:26
 Operator : TP/UM
 Sample : G2950-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Quant Time: Jul 13 01:02:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	22626	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	93963	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	46637	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	85574	20.00	ng	0.00
75) Chrysene-d12	14.63	240	85663	20.00	ng	0.09
86) Perylene-d12	16.45	264	84770	20.00	ng	0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	169122	128.09	ng	0.00
7) Phenol-d6	6.80	99	235925	134.12	ng	0.00
23) Nitrobenzene-d5	7.71	82	139705	84.80	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	50971	111.98	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	299610	86.53	ng	0.00
78) Terphenyl-d14	13.36	244	302468	76.68	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	20324	31.97	ng	# 89
3) Pyridine	3.93	79	48055	34.05	ng	96
4) n-Nitrosodimethylamine	3.72	42	33864	43.75	ng	84
6) Aniline	6.82	93	42278	19.27	ng	89
8) 2-Chlorophenol	6.94	128	64490	40.54	ng	95
9) Benzaldehyde	6.70	77	28181	28.96	ng	95
10) Phenol	6.81	94	90826	46.72	ng	87
11) bis(2-Chloroethyl)ether	6.88	93	65047	40.65	ng	94
12) 1,3-Dichlorobenzene	7.08	146	72569	40.34	ng	95
13) 1,4-Dichlorobenzene	7.16	146	77771	38.34	ng	97
14) 1,2-Dichlorobenzene	7.32	146	68974	35.89	ng	97
15) Benzyl Alcohol	7.30	79	58412	40.34	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.41	45	100836	43.69	ng	# 61
17) 2-Methylphenol	7.41	107	49219	35.60	ng	95
18) Hexachloroethane	7.66	117	23164	37.01	ng	# 88
19) n-Nitroso-di-n-propylamine	7.55	70	55225	45.87	ng	# 88
20) 3+4-Methylphenols	7.56	107	72886	41.95	ng	# 51
22) Acetophenone	7.56	105	90387	40.14	ng	# 97
24) Nitrobenzene	7.73	77	70924	38.91	ng	93
25) Isophorone	7.97	82	122318	41.43	ng	# 88
26) 2-Nitrophenol	8.05	139	32086	36.67	ng	92
27) 2,4-Dimethylphenol	8.09	122	63801	46.33	ng	94
28) bis(2-Chloroethoxy)methane	8.17	93	76265	42.69	ng	# 97
29) 2,4-Dichlorophenol	8.29	162	58284	45.84	ng	91
30) 1,2,4-Trichlorobenzene	8.37	180	60807	36.16	ng	98
31) Naphthalene	8.45	128	202912	39.49	ng	99
32) Benzoic acid	8.18	122	11207	11.58	ng	88
33) 4-Chloroaniline	8.51	127	25872	14.85	ng	96
34) Hexachlorobutadiene	8.57	225	38580	39.52	ng	98
35) Caprolactam	8.89	113	13038	35.85	ng	# 70
36) 4-Chloro-3-methylphenol	8.99	107	59207	43.97	ng	# 81
37) 2-Methylnaphthalene	9.14	142	126561	37.32	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	65507	41.98	ng	98
40) Hexachlorocyclopentadiene	9.30	237	74634	91.68	ng	99

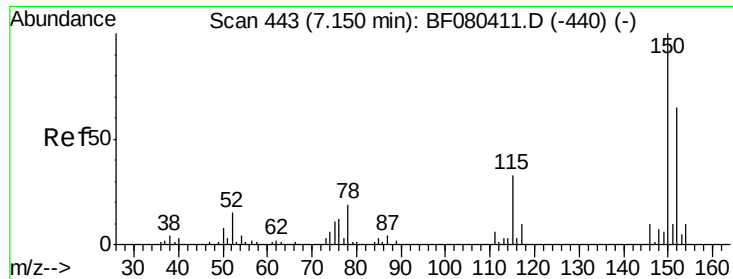
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080420.D
 Acq On : 11 Jul 2015 7:26
 Operator : TP/UM
 Sample : G2950-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Quant Time: Jul 13 01:02:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	39541	44.00	ng	93
43) 2,4,5-Trichlorophenol	9.47	196	42414	43.98	ng #	89
45) 1,1'-Biphenyl	9.61	154	168430	41.43	ng	99
46) 2-Chloronaphthalene	9.63	162	117543	39.17	ng #	89
47) 2-Nitroaniline	9.74	65	32642	35.61	ng #	77
48) Acenaphthylene	10.05	152	213999	41.70	ng	99
49) Dimethylphthalate	9.90	163	227907	64.65	ng #	97
50) 2,6-Dinitrotoluene	9.97	165	30574	38.64	ng #	77
51) Acenaphthene	10.22	154	134341	41.18	ng	99
52) 3-Nitroaniline	10.16	138	17507	22.66	ng	85
53) 2,4-Dinitrophenol	10.25	184	19626	55.92	ng #	64
54) Dibenzofuran	10.40	168	185299	42.89	ng	96
55) 4-Nitrophenol	10.33	139	45882	73.76	ng #	77
56) 2,4-Dinitrotoluene	10.37	165	41242	44.58	ng #	80
57) Fluorene	10.74	166	144570	39.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.48	232	36945	43.66	ng	98
59) Diethylphthalate	10.60	149	148574	43.05	ng	96
60) 4-Chlorophenyl-phenylether	10.73	204	72236	41.20	ng	91
61) 4-Nitroaniline	10.77	138	26253	34.26	ng	84
62) Azobenzene	10.89	77	146276	39.26	ng	94
64) 4,6-Dinitro-2-methylphenol	10.78	198	20053	42.28	ng #	70
65) n-Nitrosodiphenylamine	10.84	169	113810	42.67	ng	99
66) 4-Bromophenyl-phenylether	11.22	248	41706	45.73	ng #	87
67) Hexachlorobenzene	11.29	284	37809	41.29	ng #	55
68) Atrazine	11.37	200	34835	42.00	ng	95
69) Pentachlorophenol	11.49	266	49401	94.46	ng	99
70) Phenanthrene	11.71	178	212630	41.36	ng	99
71) Anthracene	11.77	178	206608	43.40	ng	99
72) Carbazole	11.93	167	184958	42.10	ng	99
73) Di-n-butylphthalate	12.24	149	212745	45.79	ng #	99
74) Fluoranthene	12.96	202	223083	41.84	ng	98
76) Benzidine	13.09	184	55436	33.12	ng	99
77) Pyrene	13.21	202	220889	40.25	ng	99
79) Butylbenzylphthalate	13.91	149	93428	44.91	ng	93
80) Benzo(a)anthracene	14.61	228	216075	40.03	ng	100
81) 3,3'-Dichlorobenzidine	14.57	252	48469	30.03	ng #	98
82) Chrysene	14.66	228	205315	41.30	ng	99
83) Bis(2-ethylhexyl)phthalate	14.58	149	141256	43.26	ng #	91
84) Di-n-octyl phthalate	15.39	149	254261	44.21	ng	100
85) Indeno(1,2,3-cd)pyrene	18.12	276	246467	39.91	ng	99
87) Benzo(b)fluoranthene	15.99	252	211053	35.84	ng	97
88) Benzo(k)fluoranthene	15.99	252	211053	43.83	ng	97
89) Benzo(a)pyrene	16.37	252	216264	41.91	ng #	96
90) Dibenzo(a,h)anthracene	18.13	278	202438	39.61	ng #	96
91) Benzo(g,h,i)perylene	18.63	276	207809	40.93	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

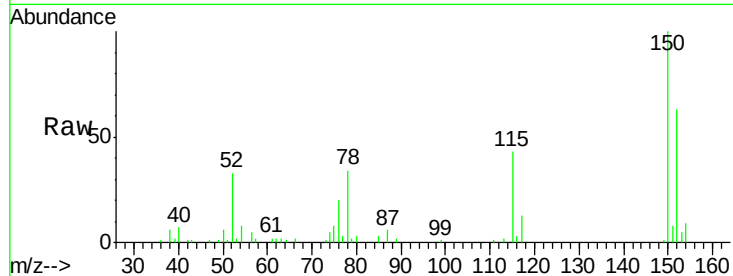
Tgt Ion:152 Resp: 22626

Ion Ratio Lower Upper

152 100

150 158.0 122.3 183.5

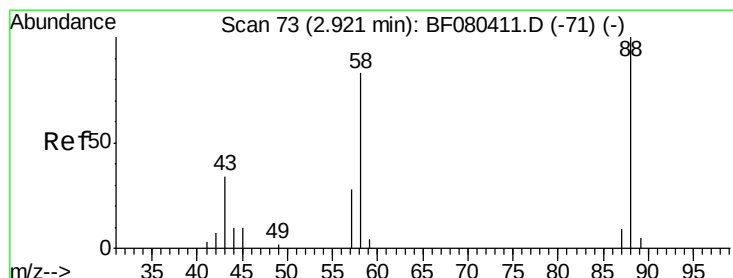
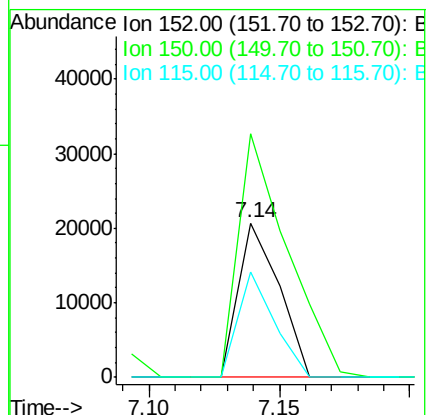
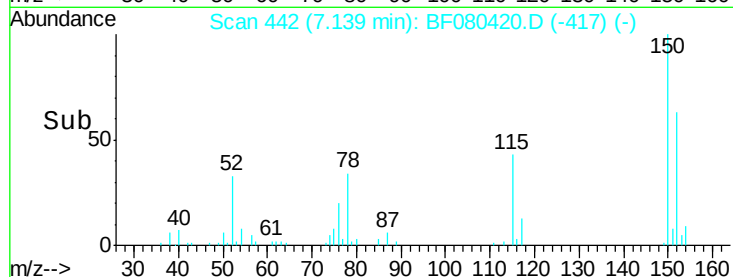
115 68.4 41.0 61.4#



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



#2

1,4-Dioxane

Concen: 31.97 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

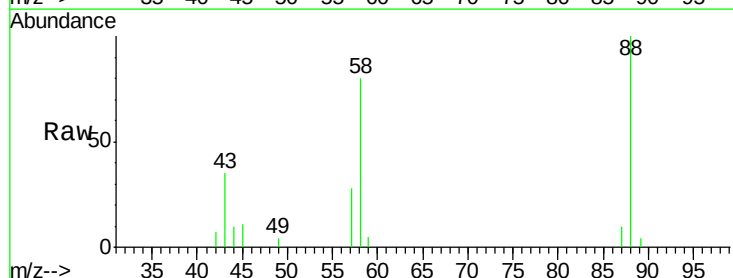
Tgt Ion: 88 Resp: 20324

Ion Ratio Lower Upper

88 100

58 80.9 62.4 93.6

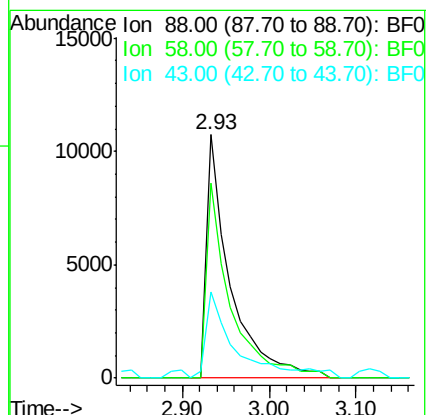
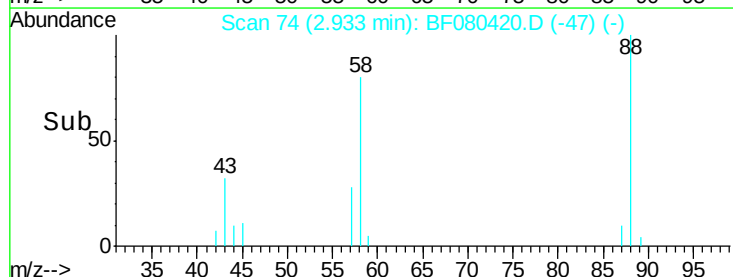
43 47.1 24.4 36.6#

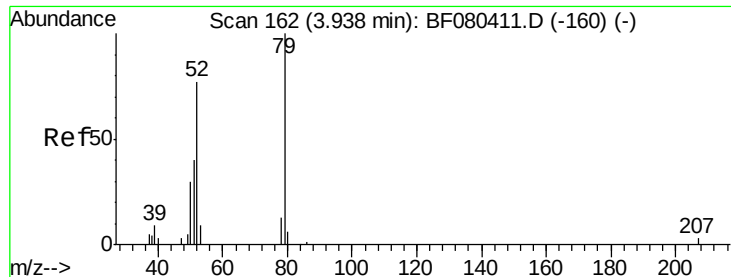


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.05 ng

RT: 3.93 min Scan# 161

Delta R.T. -0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

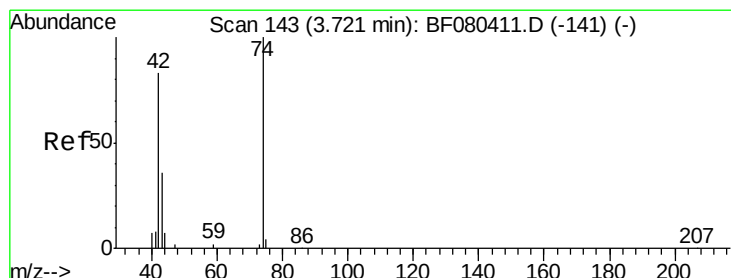
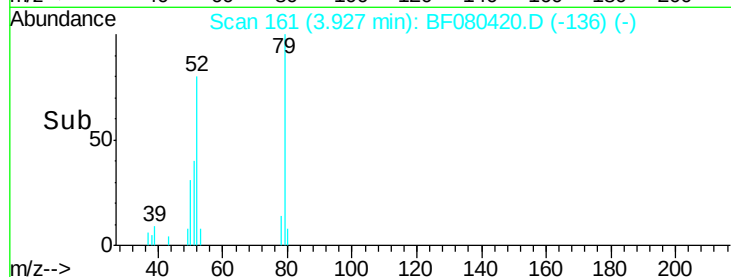
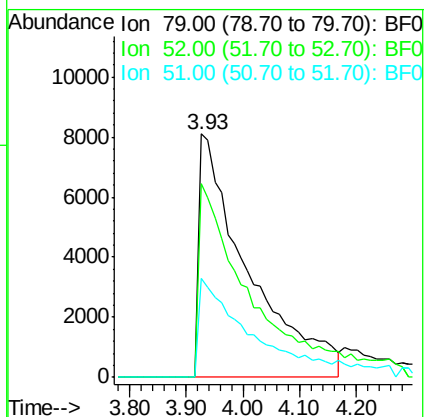
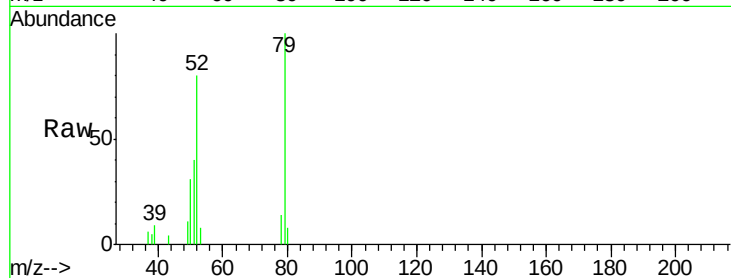
Tgt Ion: 79 Resp: 48055

Ion Ratio Lower Upper

79 100

52 79.8 61.6 92.4

51 40.5 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 43.75 ng

RT: 3.72 min Scan# 143

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

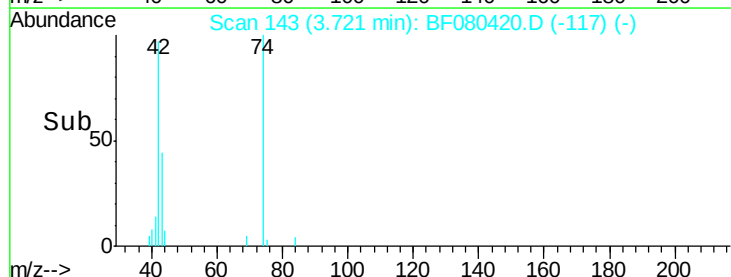
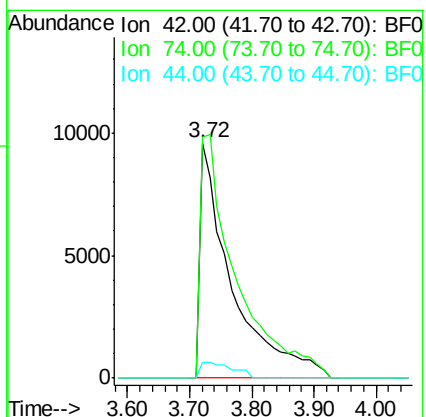
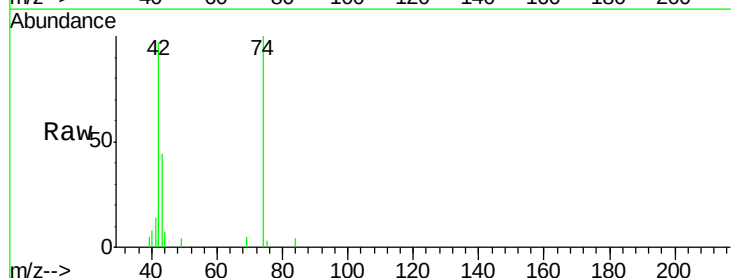
Tgt Ion: 42 Resp: 33864

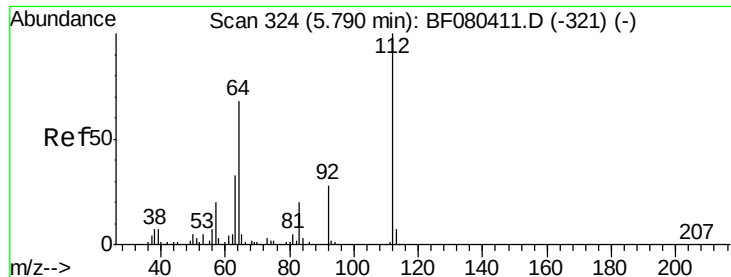
Ion Ratio Lower Upper

42 100

74 102.8 97.0 145.4

44 6.8 6.3 9.5

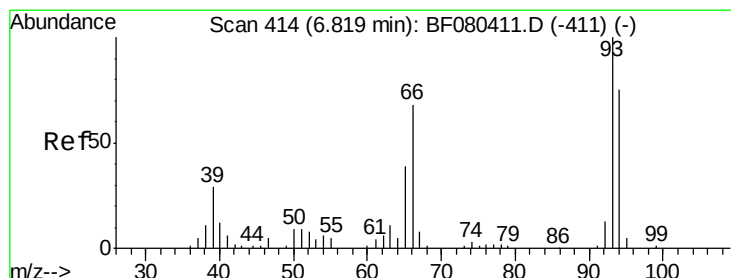
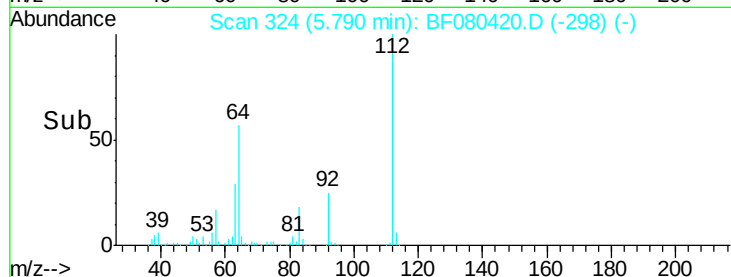
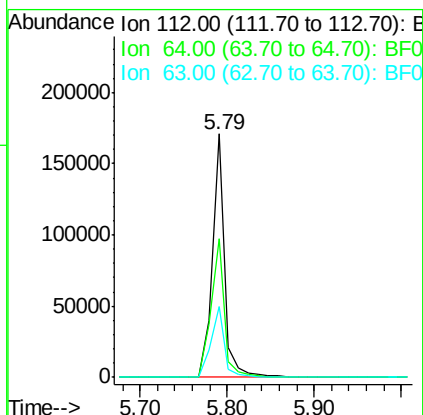
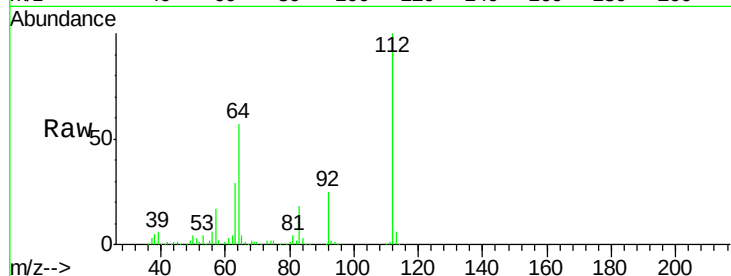




#5
2-Fluorophenol
Concen: 128.09 ng
RT: 5.79 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

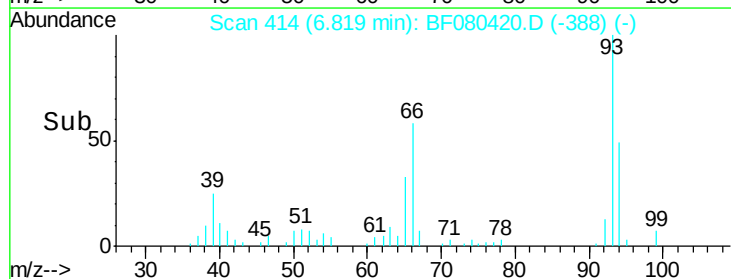
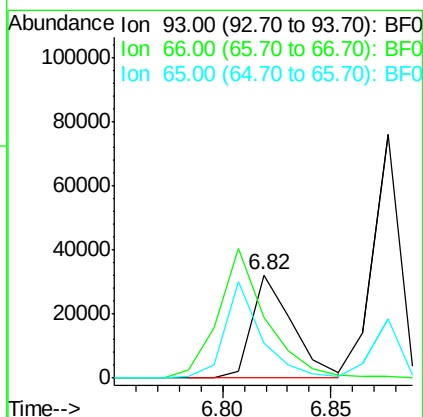
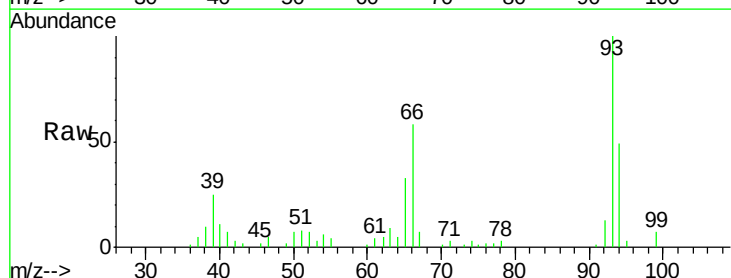
Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

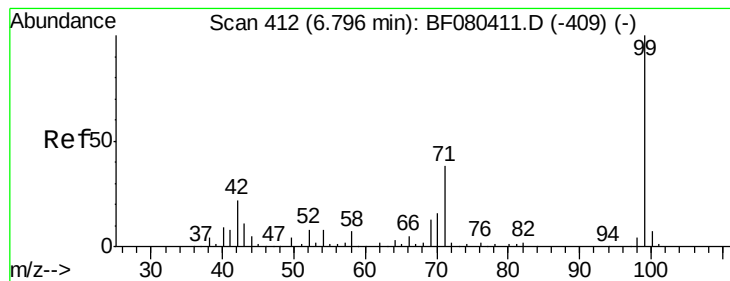
Tgt Ion: 112 Resp: 169122
Ion Ratio Lower Upper
112 100
64 57.1 54.3 81.5
63 28.9 26.7 40.1



#6
Aniline
Concen: 19.27 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion: 93 Resp: 42278
Ion Ratio Lower Upper
93 100
66 58.4 54.8 82.2
65 33.5 31.4 47.2





#7

Phenol-d6

Concen: 134.12 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

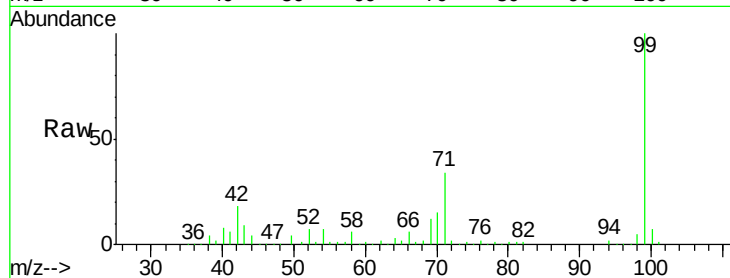
Tgt Ion: 99 Resp: 235925

Ion Ratio Lower Upper

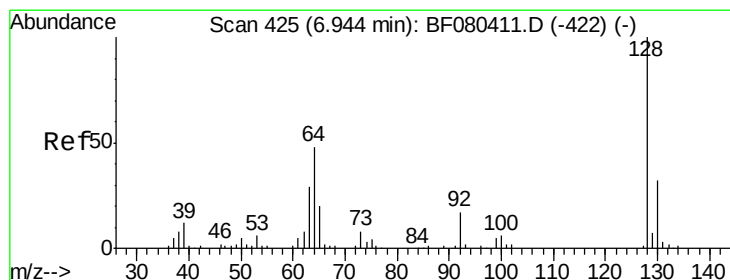
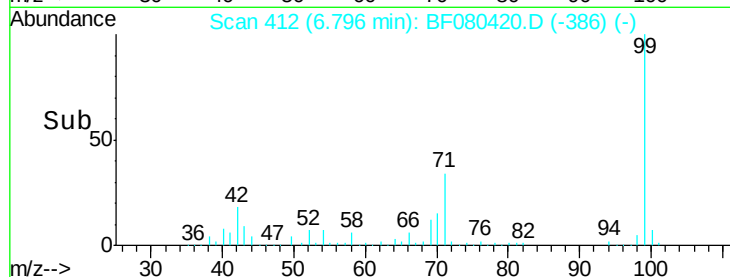
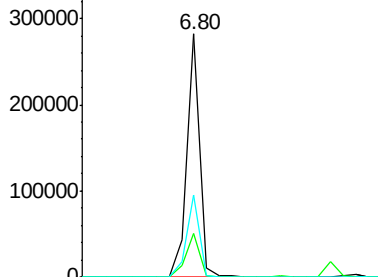
99 100

42 17.8 17.9 26.9#

71 34.0 30.1 45.1



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: 40.54 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

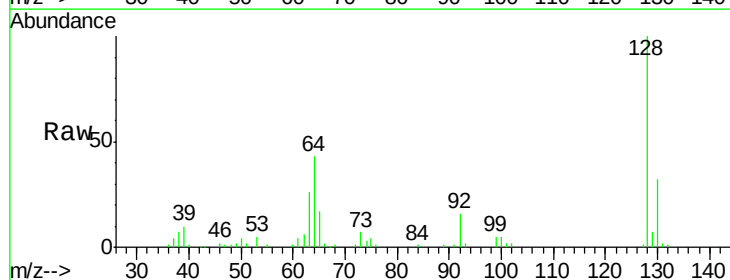
Tgt Ion: 128 Resp: 64490

Ion Ratio Lower Upper

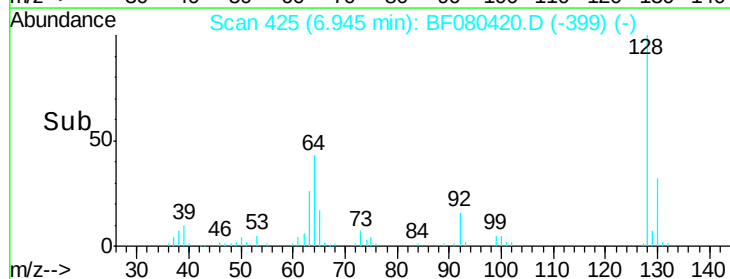
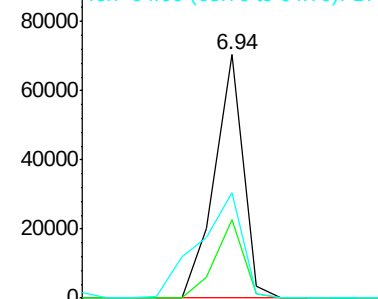
128 100

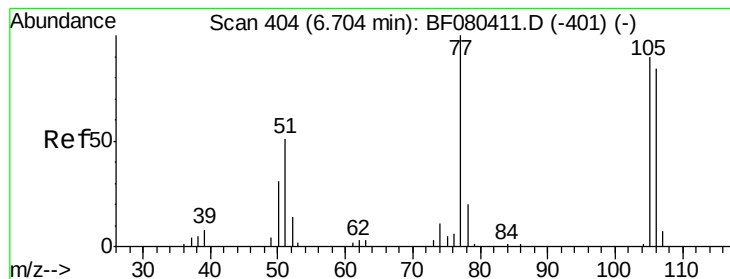
130 32.3 11.7 51.7

64 43.3 28.0 68.0



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: 28.96 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

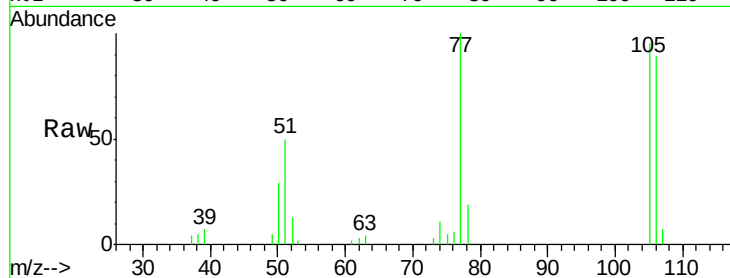
Tgt Ion: 77 Resp: 28181

Ion Ratio Lower Upper

77 100

105 94.5 69.6 109.6

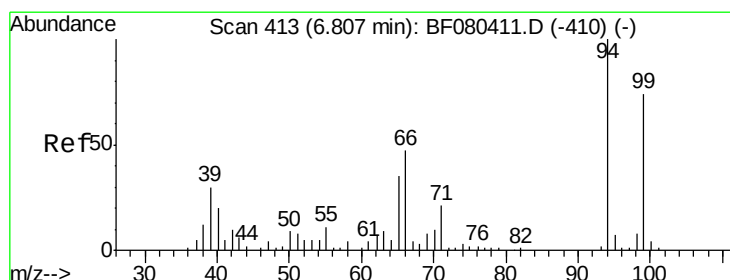
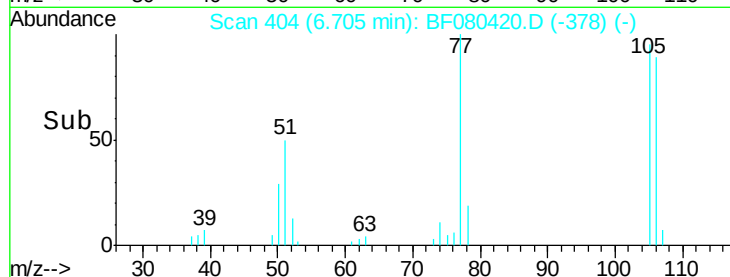
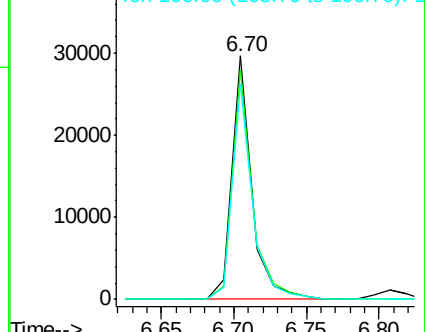
106 88.7 63.6 103.6



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: 46.72 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

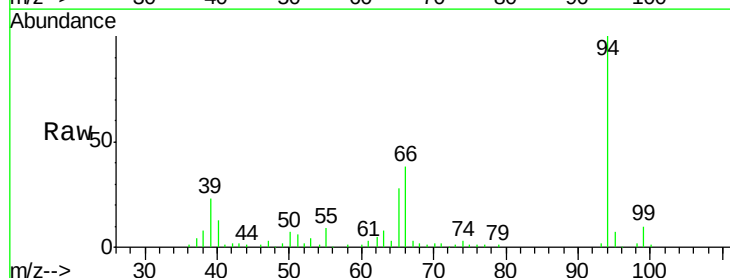
Tgt Ion: 94 Resp: 90826

Ion Ratio Lower Upper

94 100

65 28.4 15.0 55.0

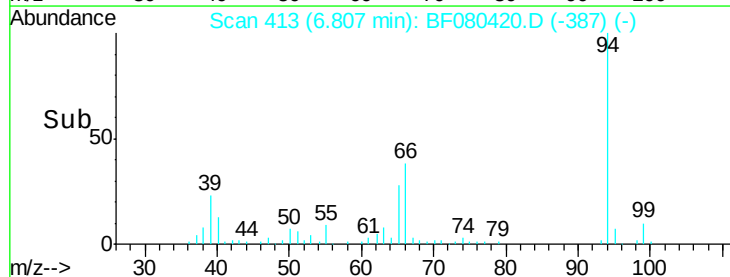
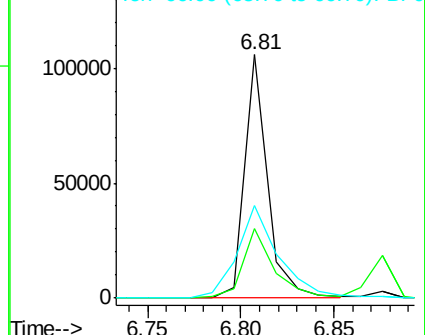
66 38.2 27.1 67.1

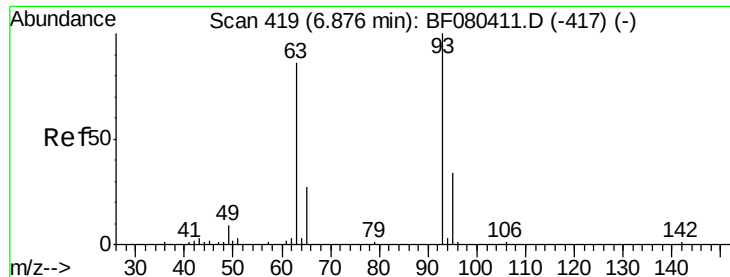


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

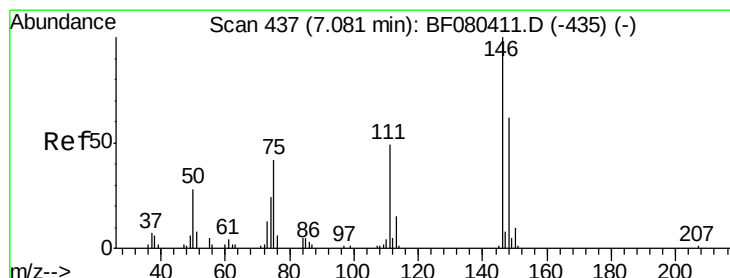
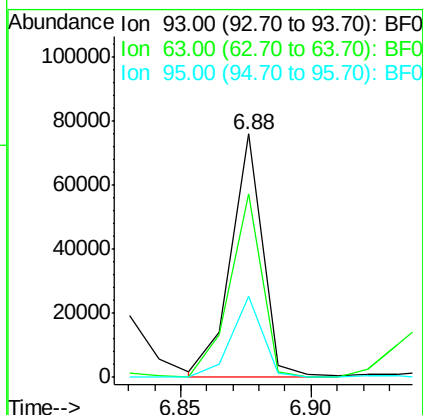
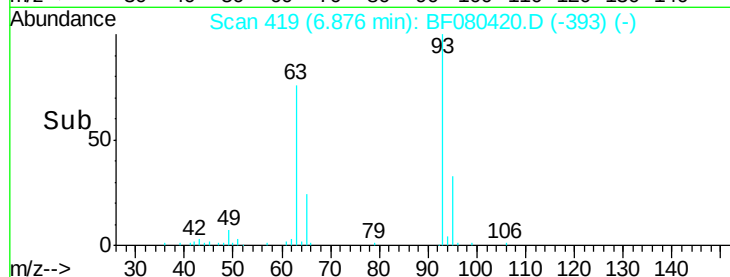
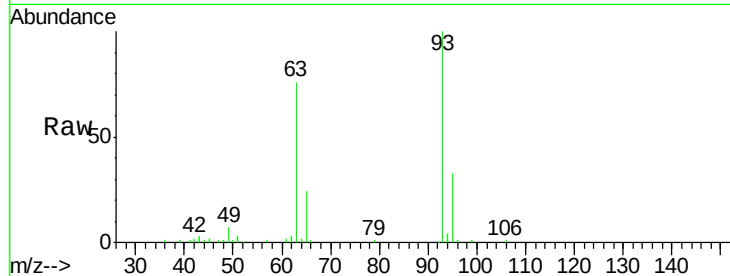




#11
 bis(2-Chloroethyl)ether
 Concen: 40.65 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

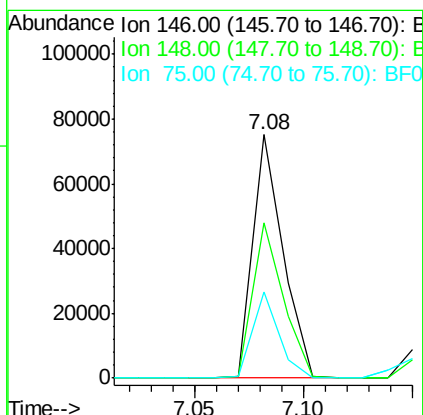
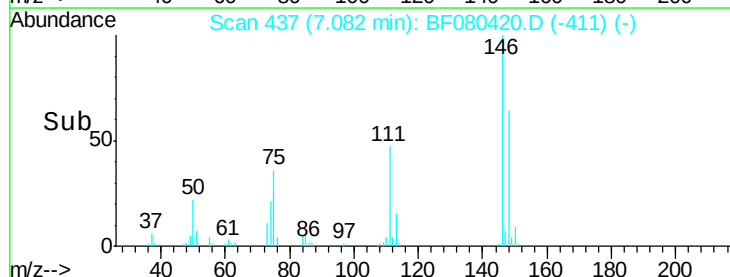
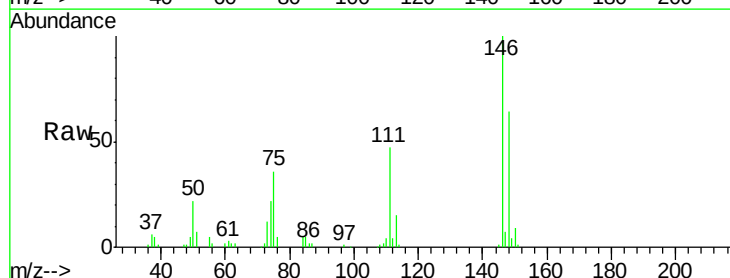
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

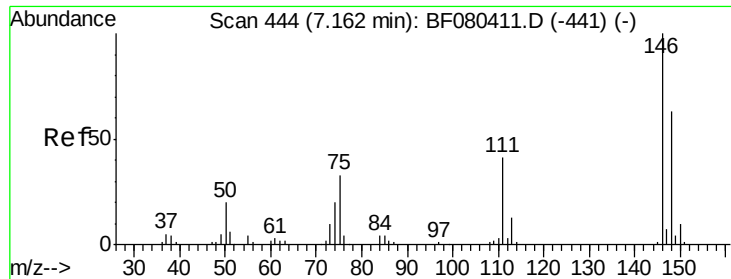
Tgt Ion: 93 Resp: 65047
 Ion Ratio Lower Upper
 93 100
 63 75.6 62.9 102.9
 95 33.4 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 40.34 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion: 146 Resp: 72569
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.5 74.3
 75 35.7 33.4 50.2

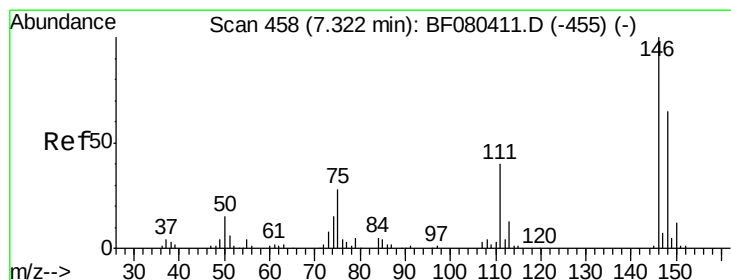
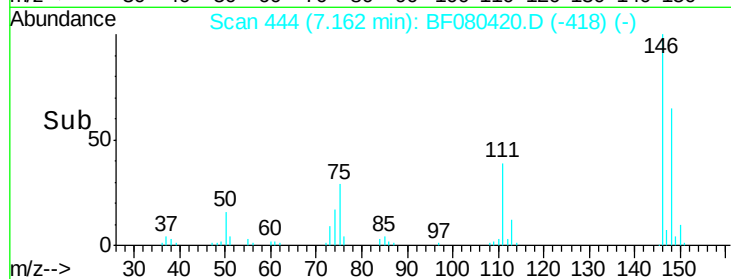
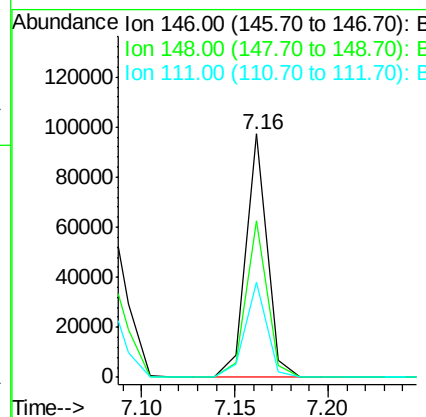
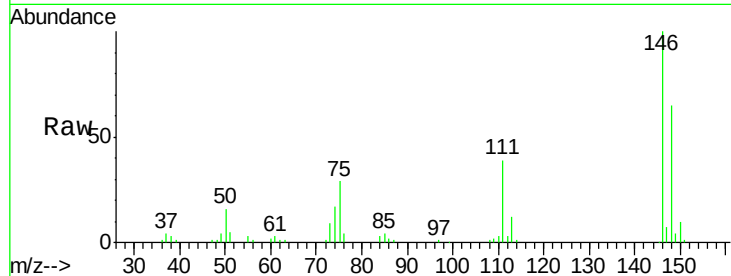




#13
 1,4-Dichlorobenzene
 Concen: 38.34 ng
 RT: 7.16 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

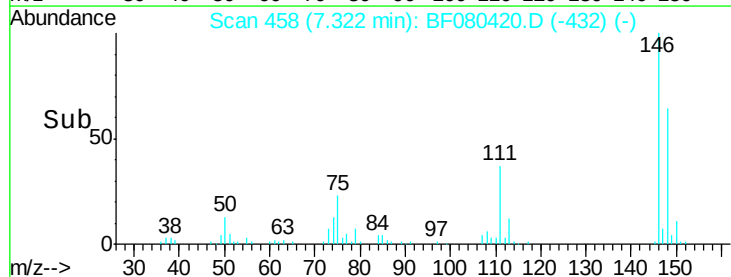
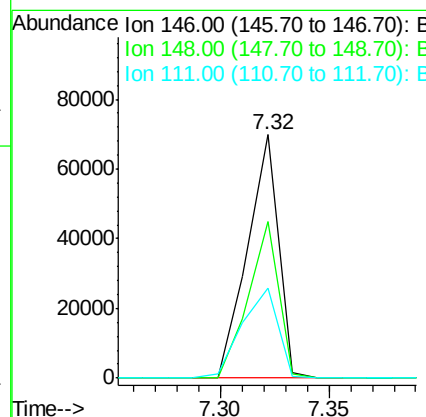
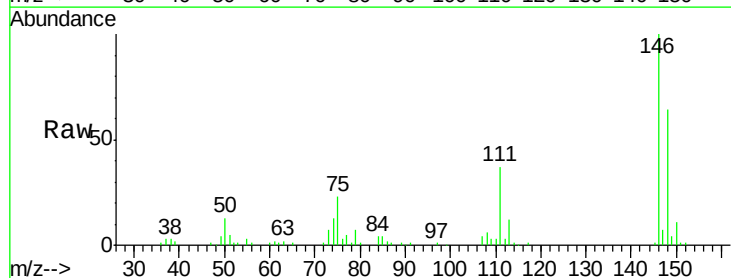
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

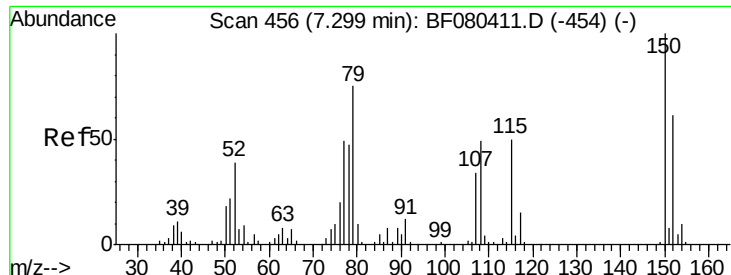
Tgt Ion:146 Resp: 77771
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 39.1 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 35.89 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:146 Resp: 68974
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 37.1 32.2 48.2

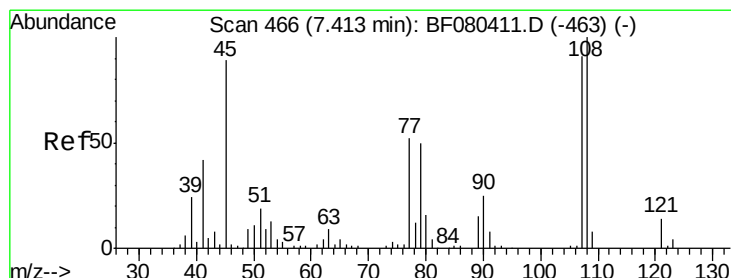
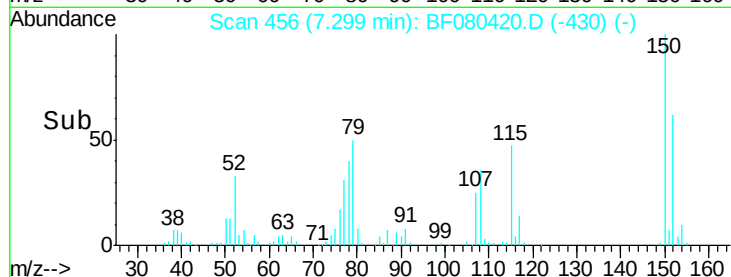
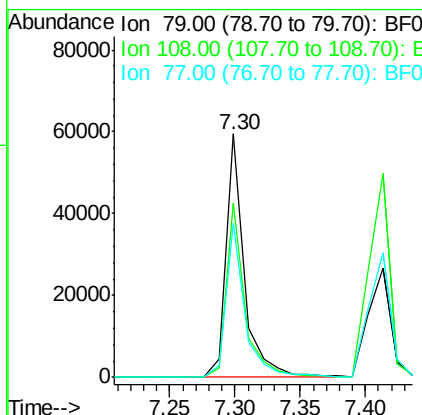
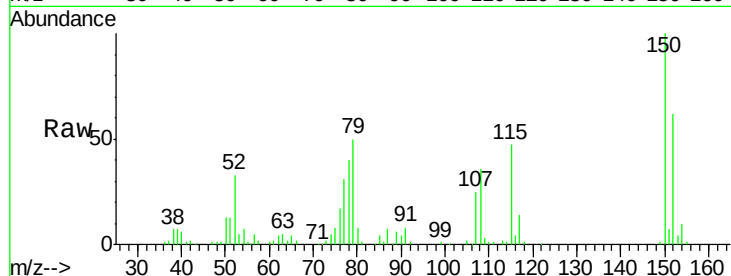




#15
Benzyl Alcohol
Concen: 40.34 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

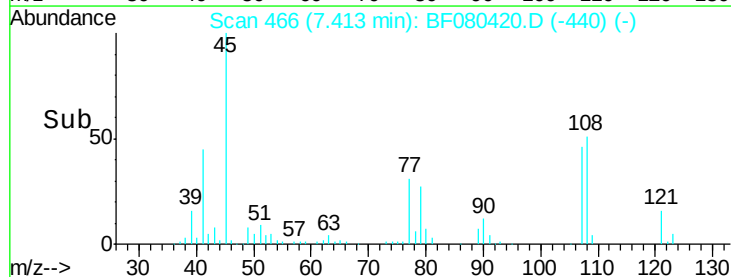
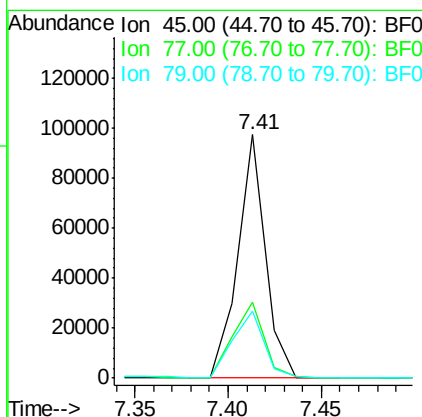
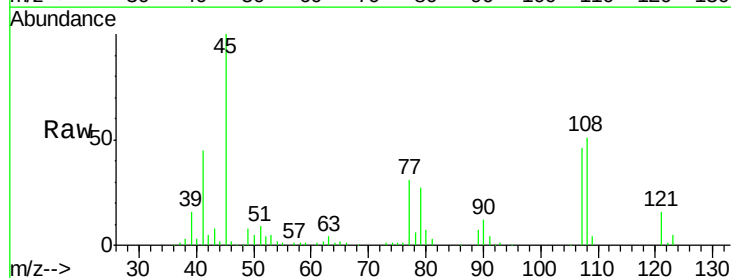
Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

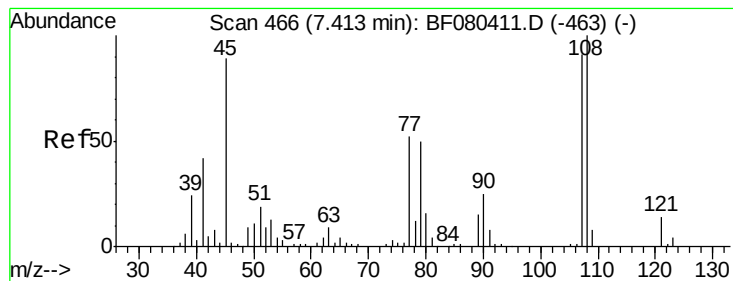
Tgt Ion: 79 Resp: 58412
Ion Ratio Lower Upper
79 100
108 71.7 51.6 77.4
77 63.1 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.69 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion: 45 Resp: 100836
Ion Ratio Lower Upper
45 100
77 31.1 39.1 79.1#
79 27.3 37.2 77.2#





#17

2-Methylphenol

Concen: 35.60 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

Tgt Ion:107 Resp: 49219

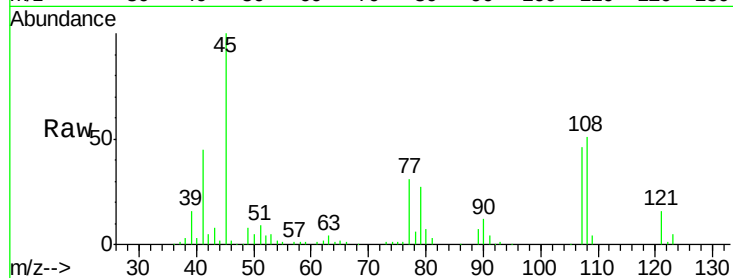
Ion Ratio Lower Upper

107 100

108 110.1 88.0 132.0

77 67.2 45.9 68.9

79 59.0 44.5 66.7

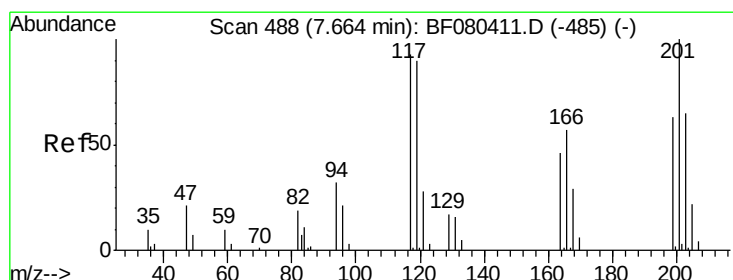
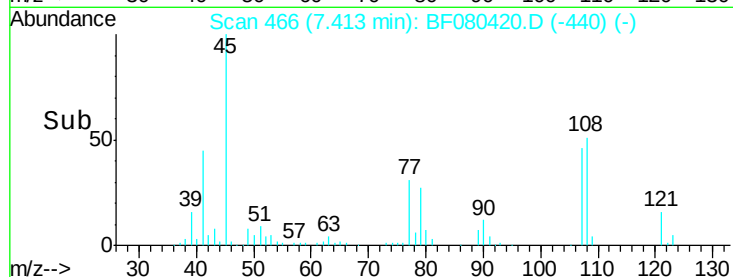
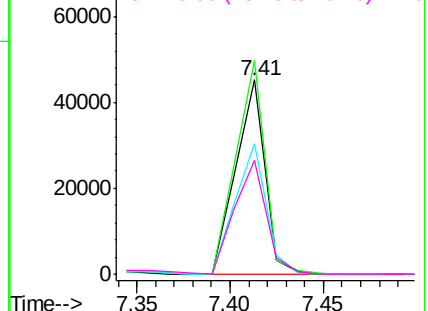


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.01 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

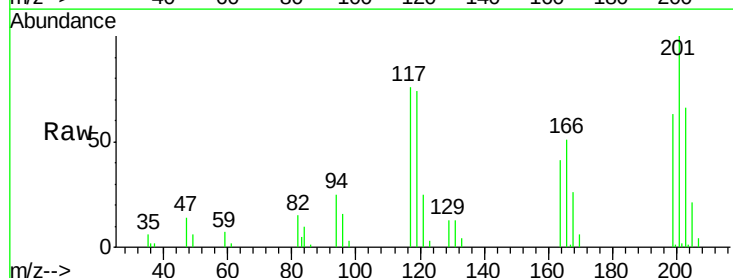
Tgt Ion:117 Resp: 23164

Ion Ratio Lower Upper

117 100

119 96.9 78.1 117.1

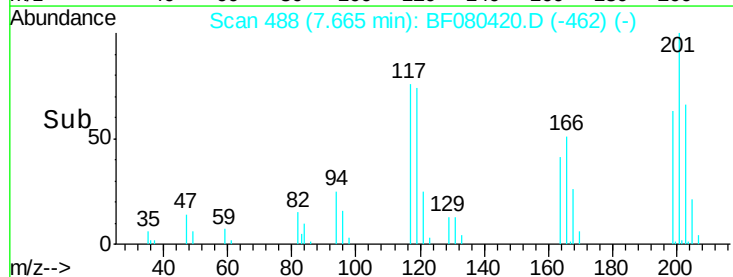
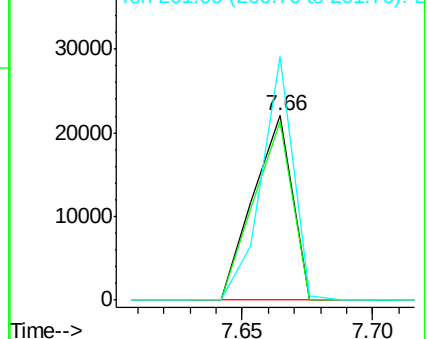
201 131.9 86.5 129.7#

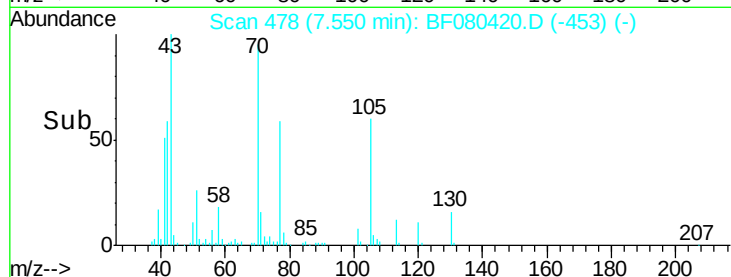
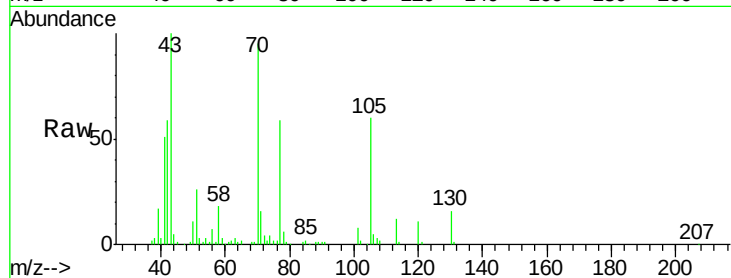
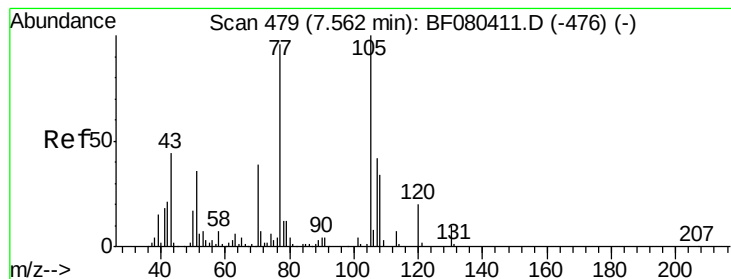


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.87 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

Tgt Ion: 70 Resp: 55225

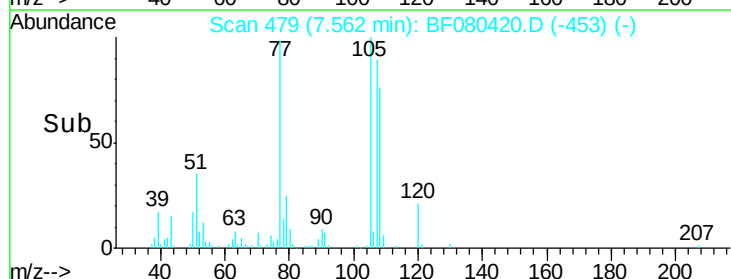
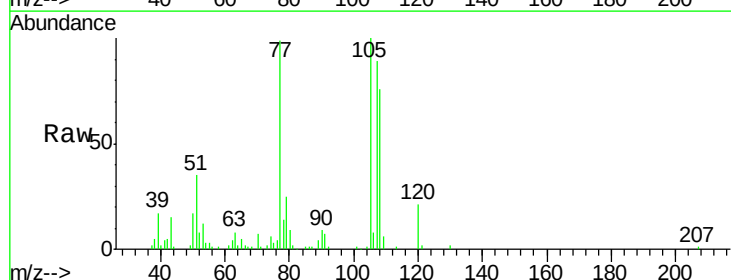
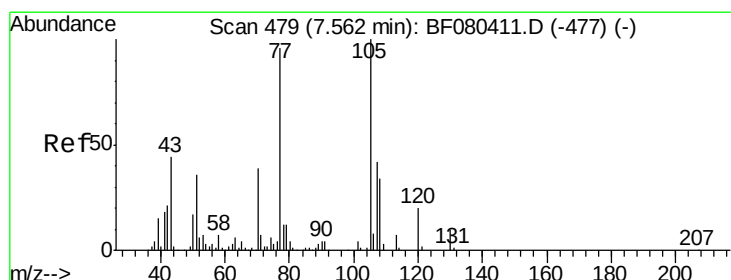
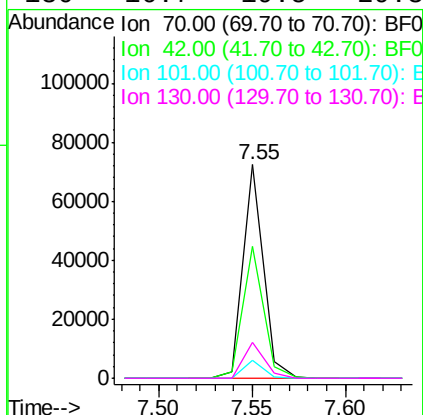
Ion Ratio Lower Upper

70 100

42 61.9 43.4 65.0

101 8.4 9.0 13.6#

130 16.7 19.5 29.3#



#20

3+4-Methylphenols

Concen: 41.95 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Tgt Ion: 107 Resp: 72886

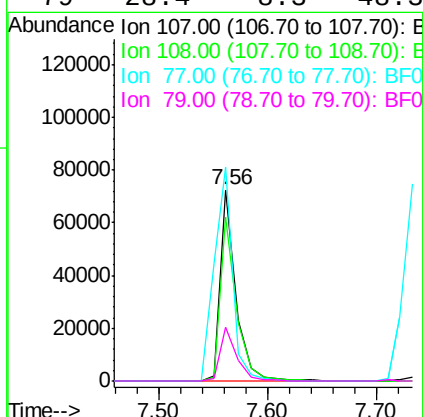
Ion Ratio Lower Upper

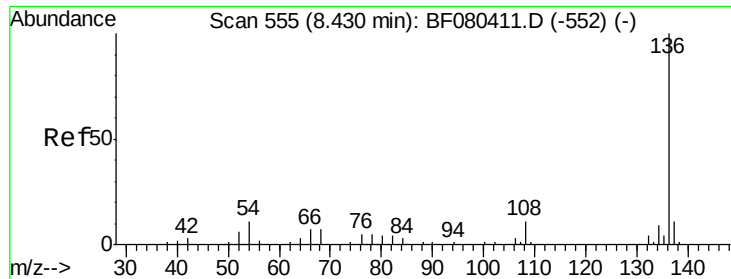
107 100

108 85.5 60.8 100.8

77 111.7 207.5 247.5#

79 28.4 8.3 48.3

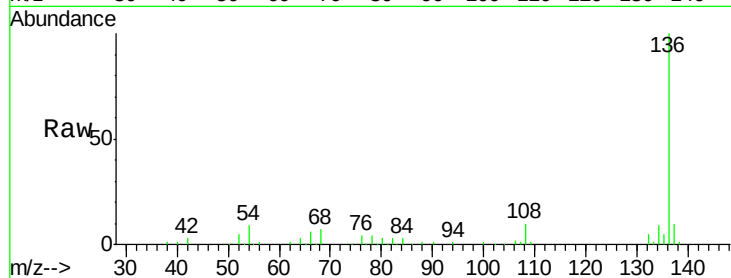




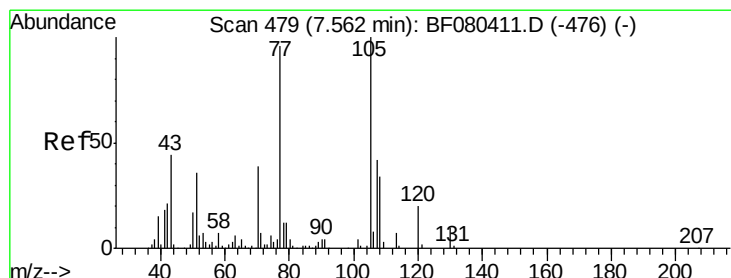
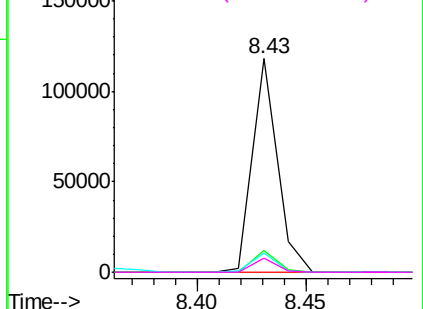
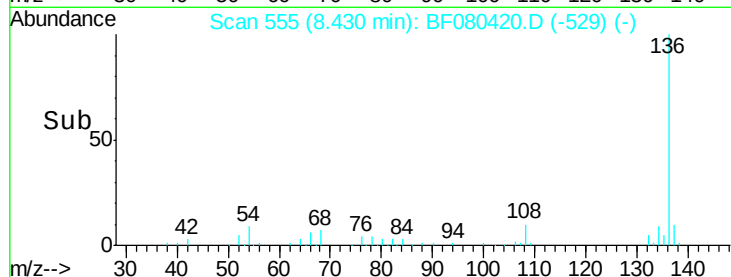
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

Tgt Ion:	136	Resp:	93963
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	9.3	9.1	13.7
68	6.5	5.9	8.9

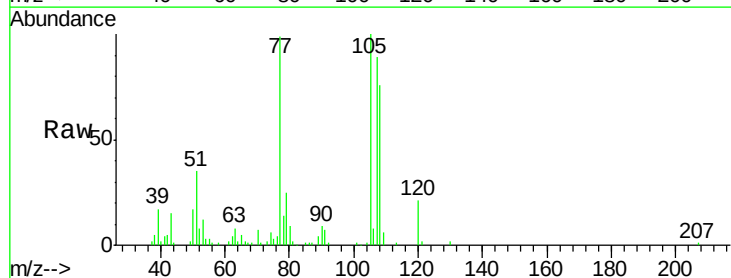


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

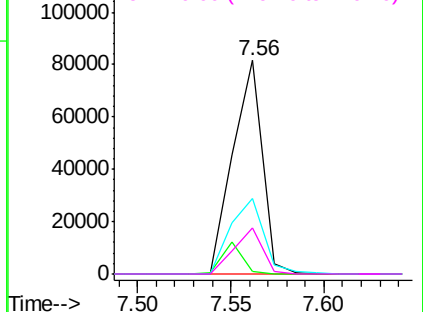
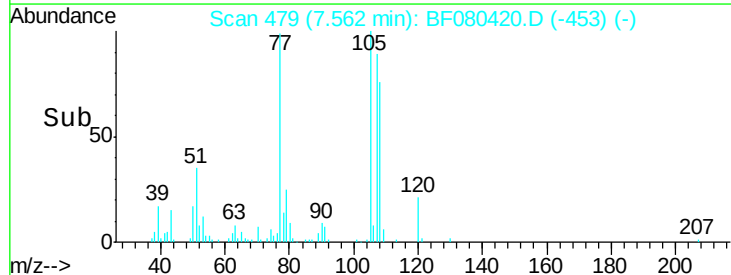


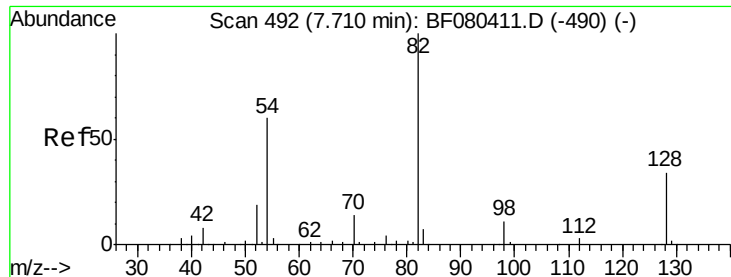
#22
Acetophenone
Concen: 40.14 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion:	105	Resp:	90387
Ion	Ratio	Lower	Upper
105	100		
71	1.2	5.2	7.8#
51	35.1	28.7	43.1
120	21.5	16.4	24.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

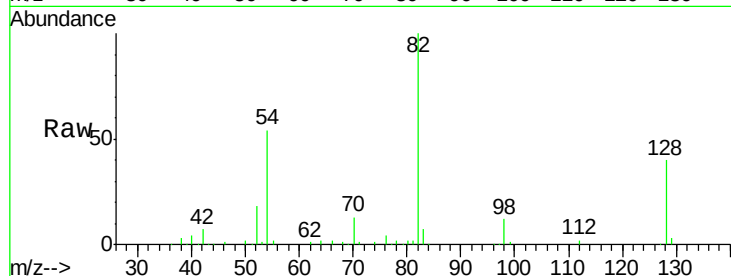




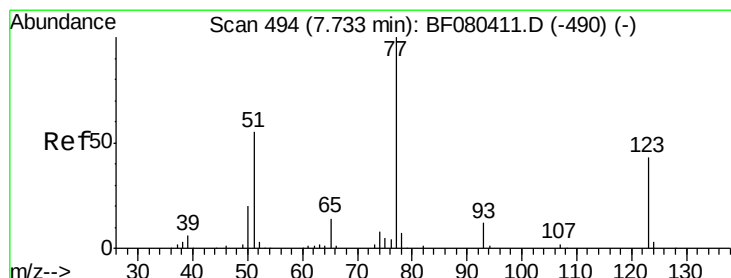
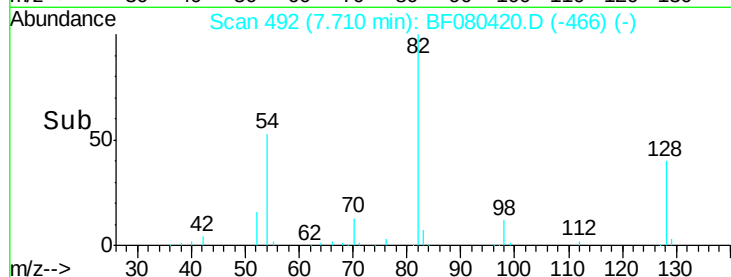
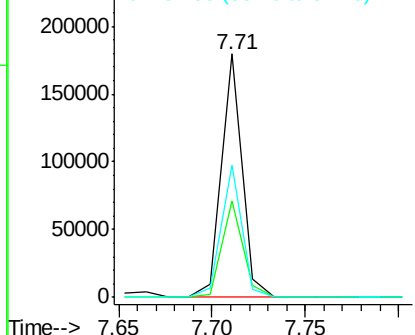
#23
 Nitrobenzene-d5
 Concen: 84.80 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	26.9	40.3
54	54.4	47.7	71.5

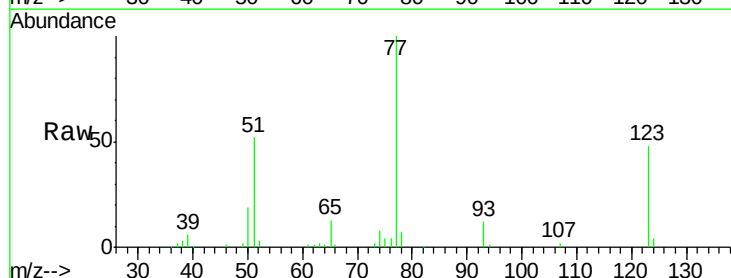


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

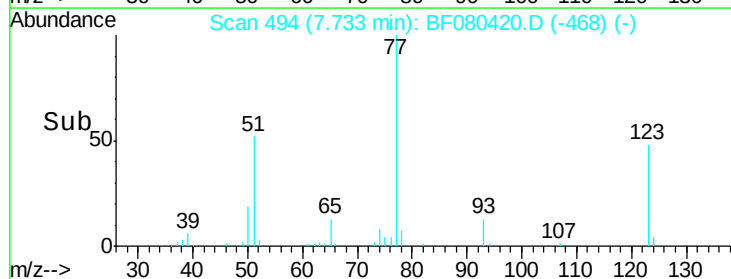
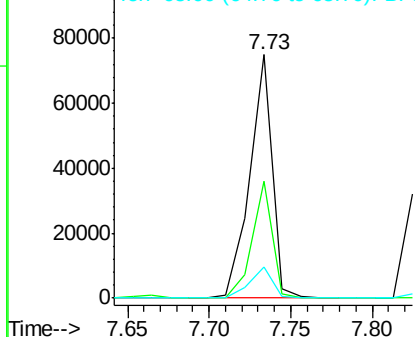


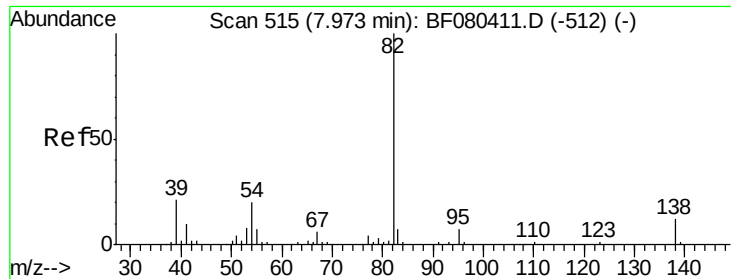
#24
 Nitrobenzene
 Concen: 38.91 ng
 RT: 7.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	34.0	51.0
65	13.1	11.2	16.8



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





#25

Isophorone

Concen: 41.43 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

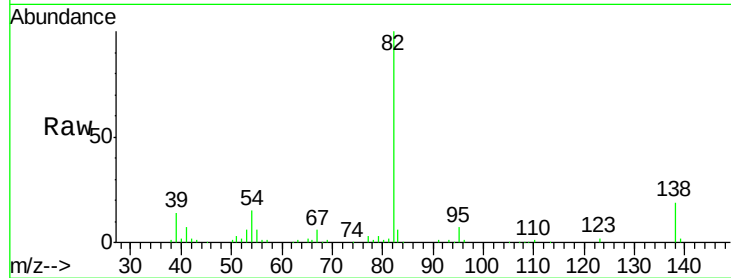
Tgt Ion: 82 Resp: 122318

Ion Ratio Lower Upper

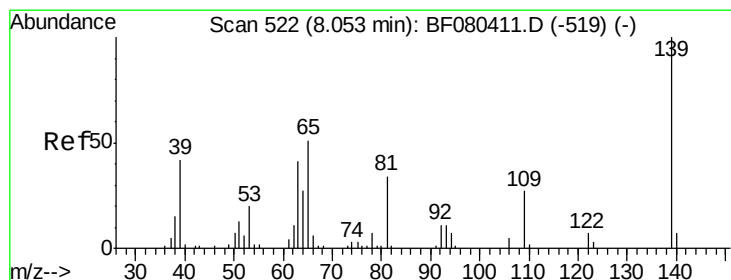
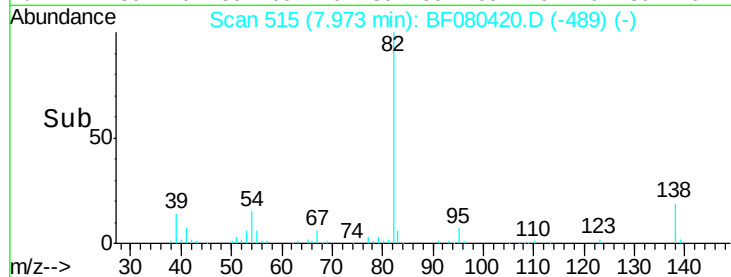
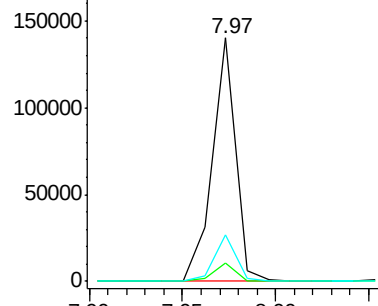
82 100

95 7.4 5.4 8.2

138 19.1 9.5 14.3#



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: 36.67 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

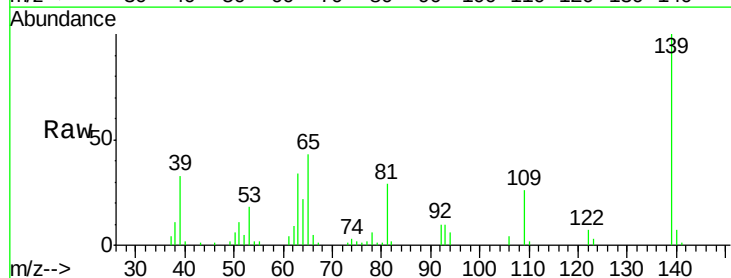
Tgt Ion: 139 Resp: 32086

Ion Ratio Lower Upper

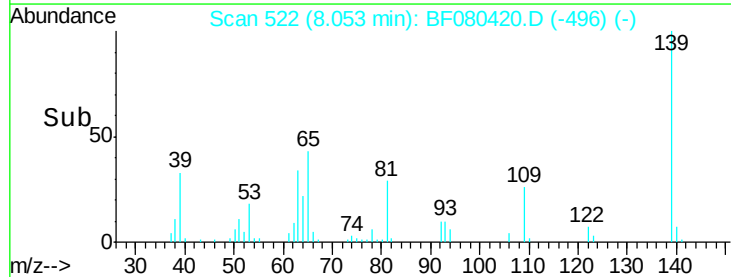
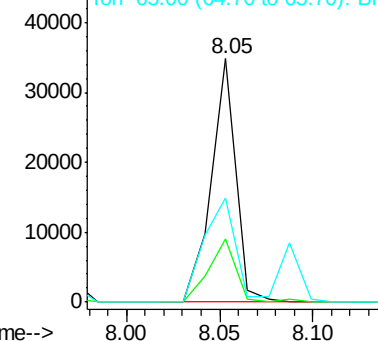
139 100

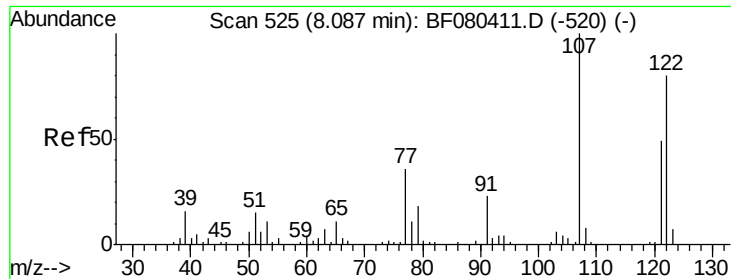
109 26.2 21.7 32.5

65 42.7 40.5 60.7



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

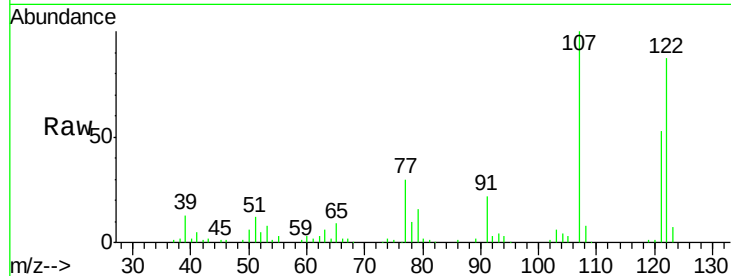




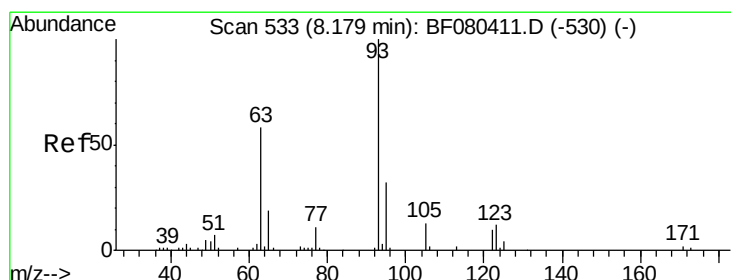
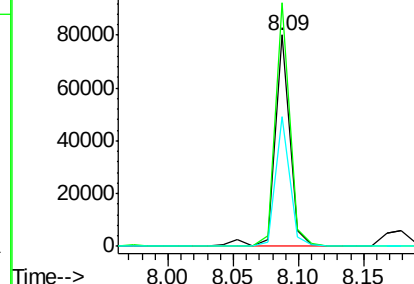
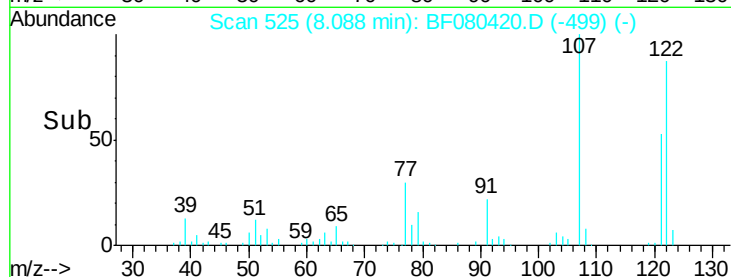
#27
 2,4-Dimethylphenol
 Concen: 46.33 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion:122 Resp: 63801
 Ion Ratio Lower Upper
 122 100
 107 115.2 99.5 149.3
 121 61.5 48.4 72.6

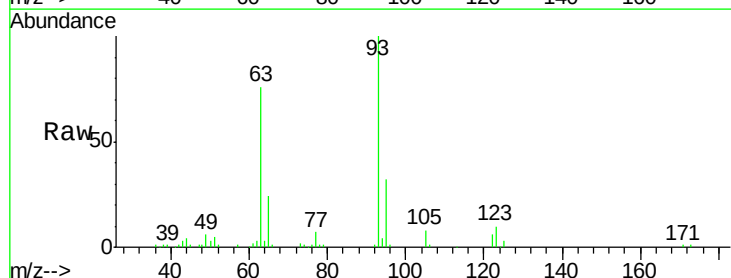


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

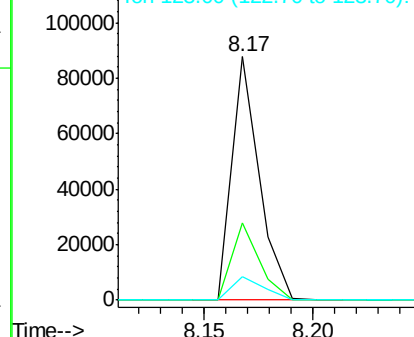
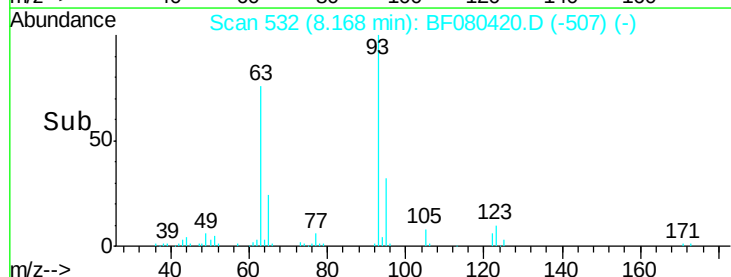


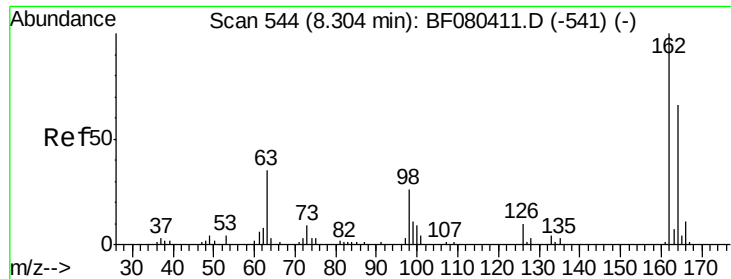
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.69 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion: 93 Resp: 76265
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.8 38.8
 123 9.6 9.7 14.5#



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

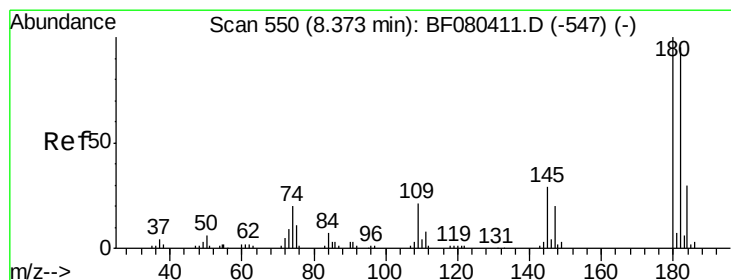
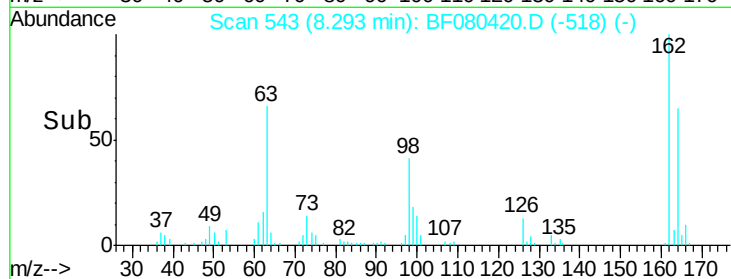
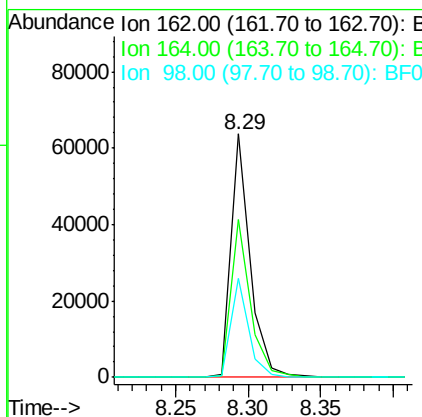
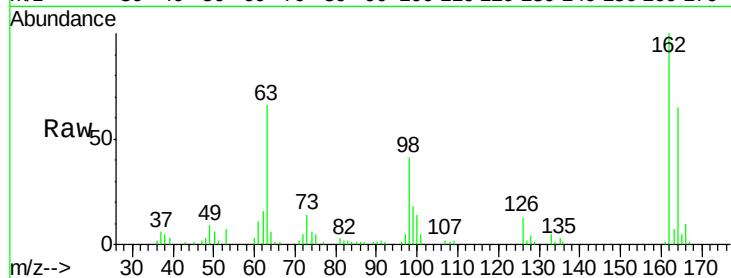




#29
 2,4-Dichlorophenol
 Concen: 45.84 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

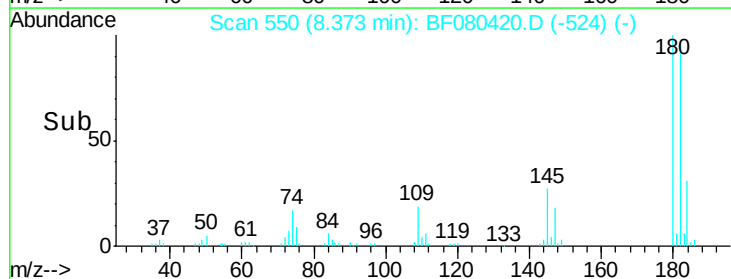
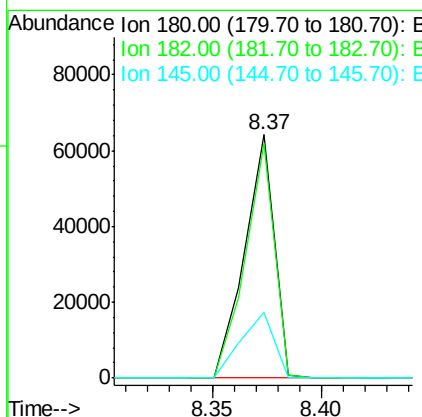
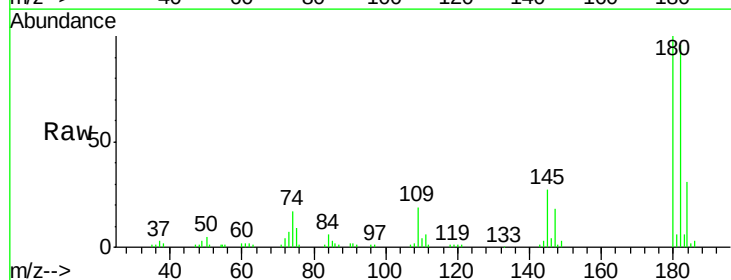
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

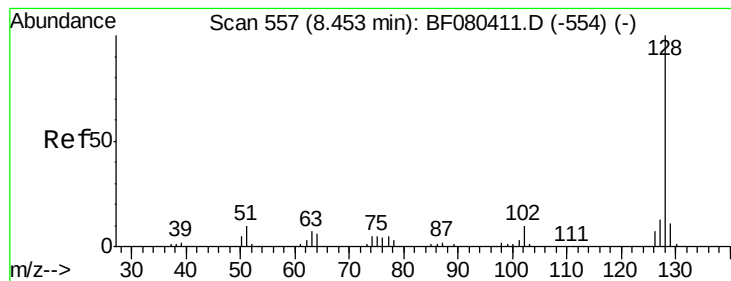
Tgt Ion:162 Resp: 58284
 Ion Ratio Lower Upper
 162 100
 164 64.8 45.5 85.5
 98 40.9 6.3 46.3



#30
 1,2,4-Trichlorobenzene
 Concen: 36.16 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:180 Resp: 60807
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.6 113.4
 145 27.1 23.3 34.9





#31

Naphthalene

Concen: 39.49 ng

RT: 8.45 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

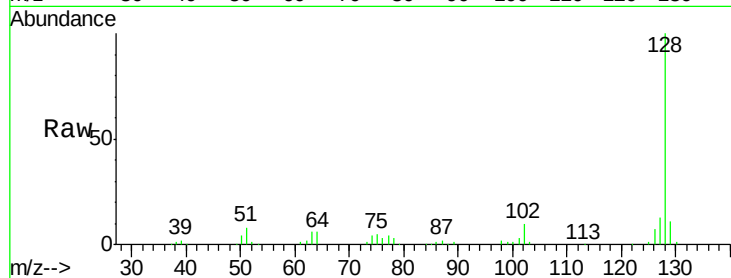
Tgt Ion:128 Resp: 202912

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

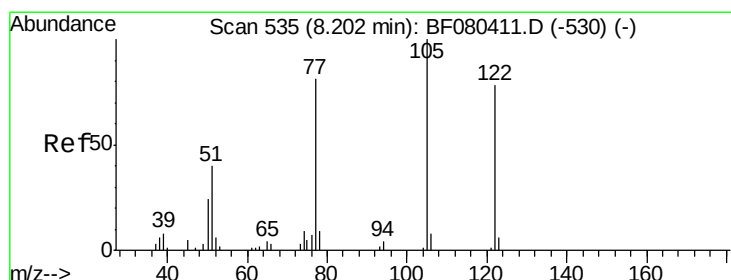
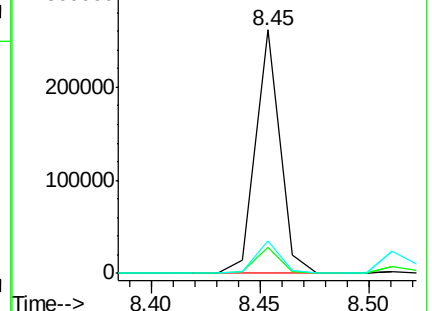
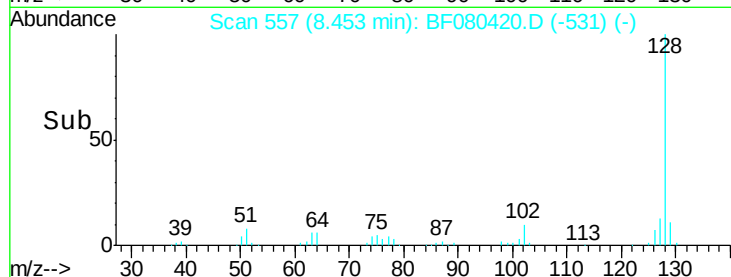
127 13.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.58 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

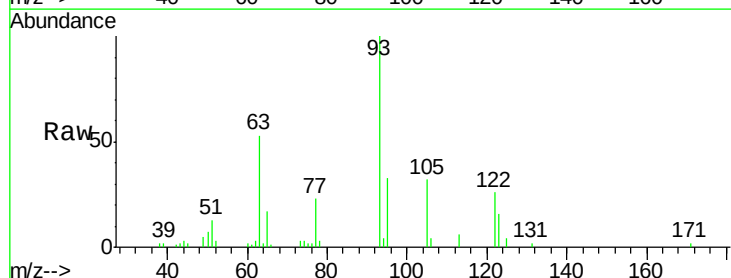
Tgt Ion:122 Resp: 11207

Ion Ratio Lower Upper

122 100

105 119.5 108.8 148.8

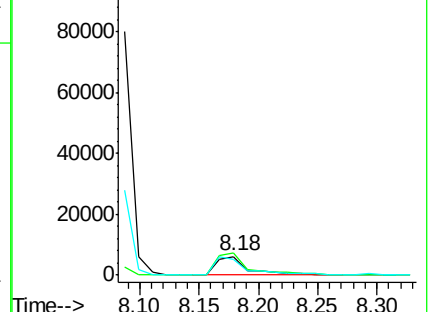
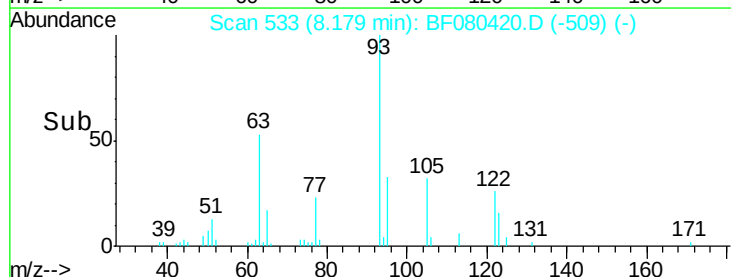
77 86.2 84.2 124.2

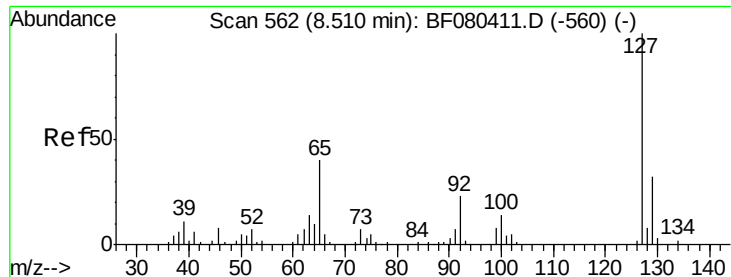


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

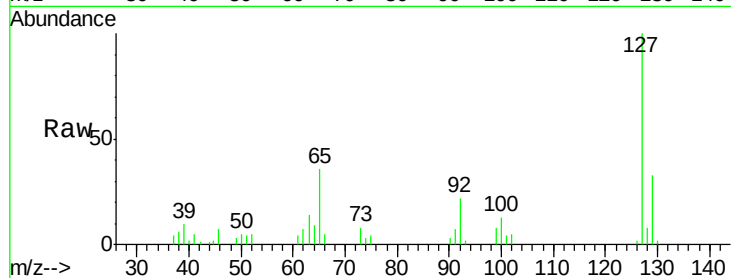




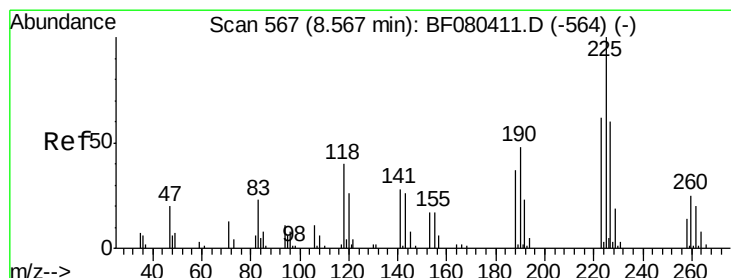
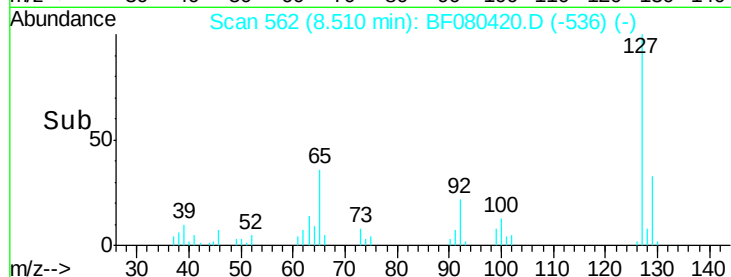
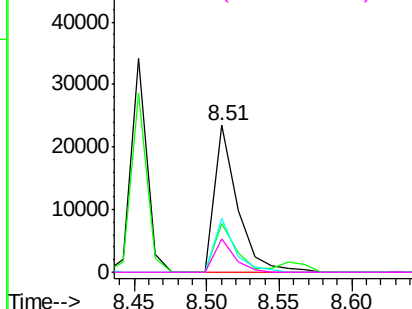
#33
4-Chloroaniline
Concen: 14.85 ng
RT: 8.51 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

Tgt Ion:127 Resp: 25872
Ion Ratio Lower Upper
127 100
129 33.2 25.5 38.3
65 36.3 31.8 47.8
92 22.3 18.4 27.6

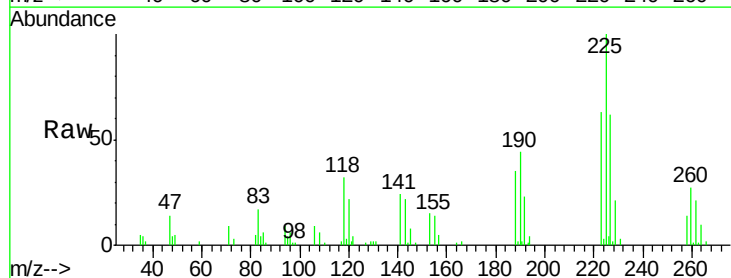


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

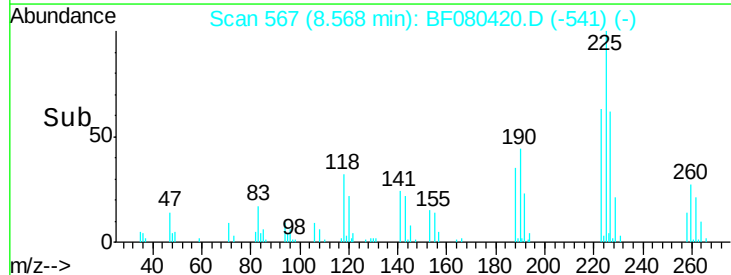
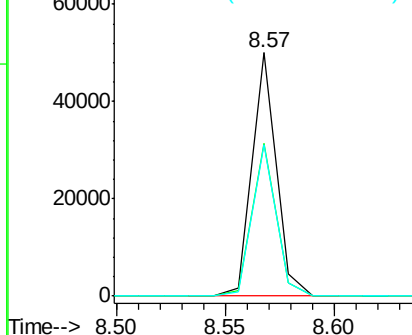


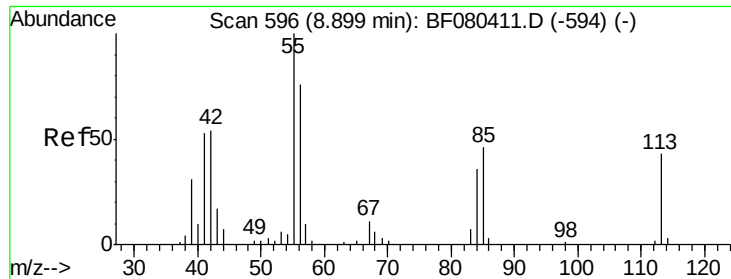
#34
Hexachlorobutadiene
Concen: 39.52 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion:225 Resp: 38580
Ion Ratio Lower Upper
225 100
223 62.6 49.5 74.3
227 62.1 48.0 72.0



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

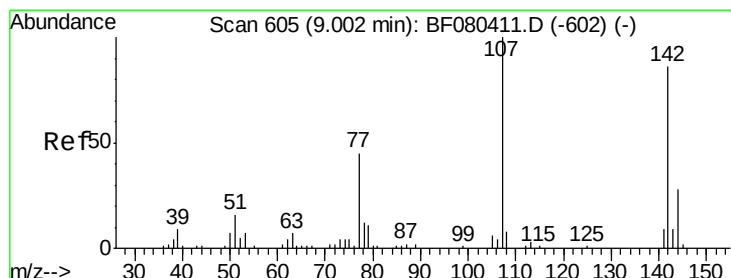
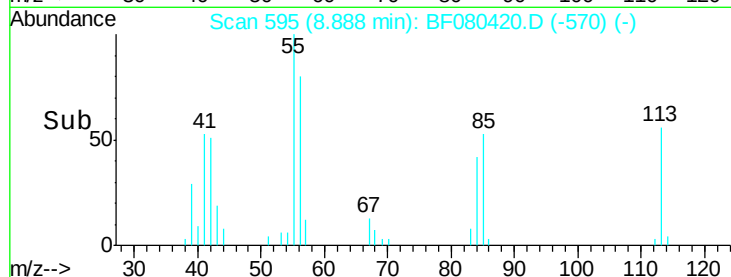
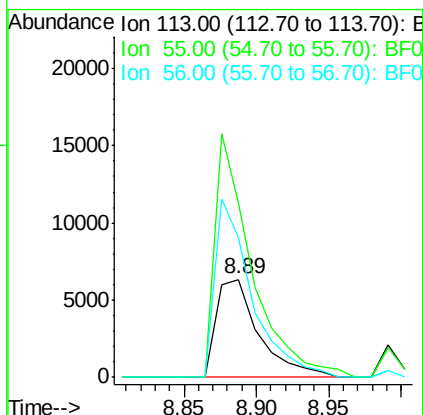
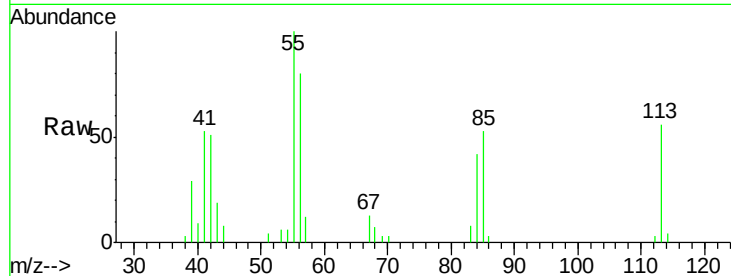




#35
 Caprolactam
 Concen: 35.85 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

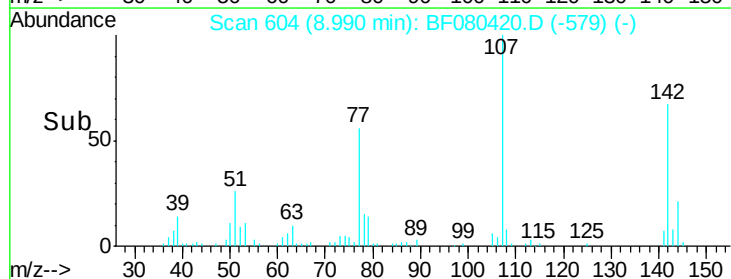
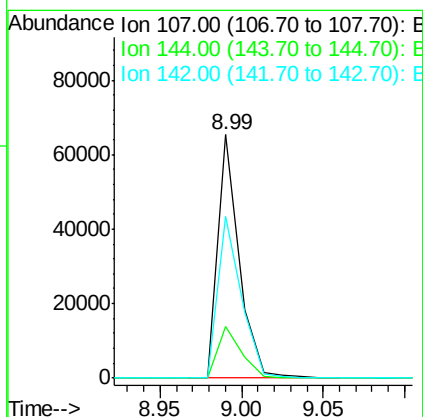
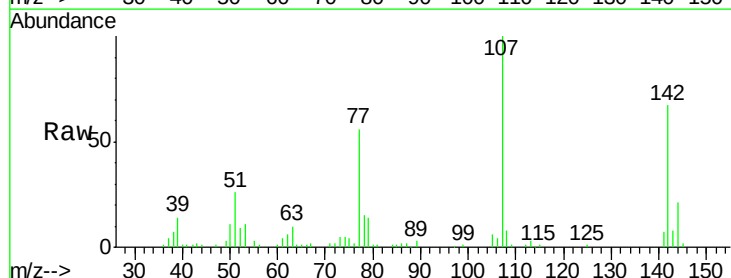
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

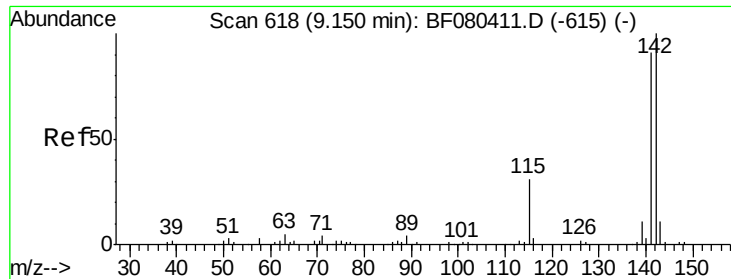
Tgt Ion:113 Resp: 13038
 Ion Ratio Lower Upper
 113 100
 55 177.9 214.2 254.2#
 56 142.4 156.9 196.9#



#36
 4-Chloro-3-methylphenol
 Concen: 43.97 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:107 Resp: 59207
 Ion Ratio Lower Upper
 107 100
 144 21.3 22.6 34.0#
 142 66.7 68.7 103.1#

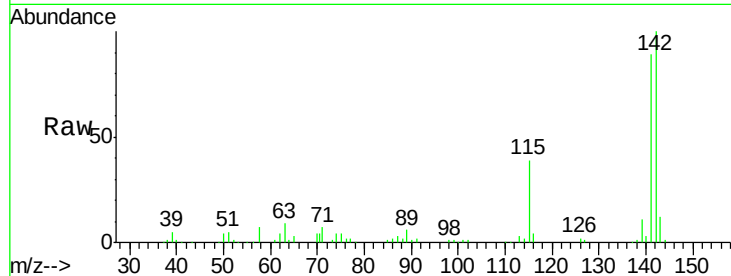




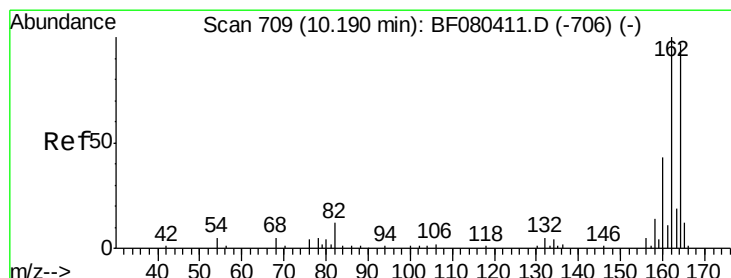
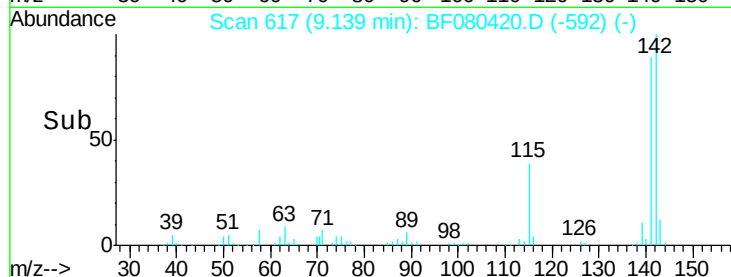
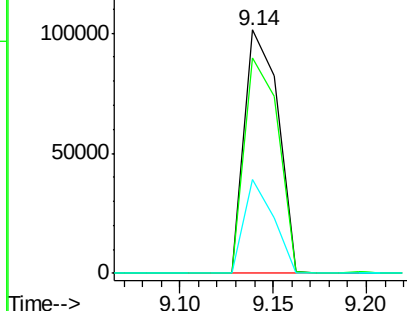
#37
 2-Methylnaphthalene
 Concen: 37.32 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion:142 Resp: 126561
 Ion Ratio Lower Upper
 142 100
 141 88.6 73.0 109.4
 115 38.6 25.0 37.4#

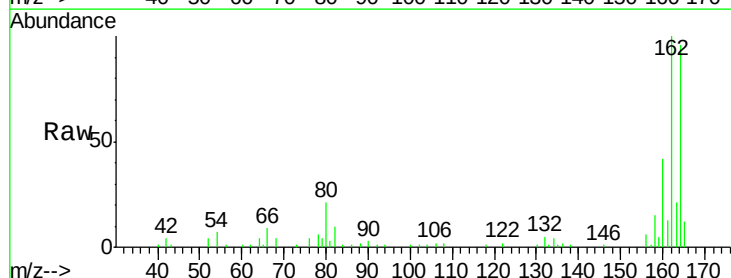


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

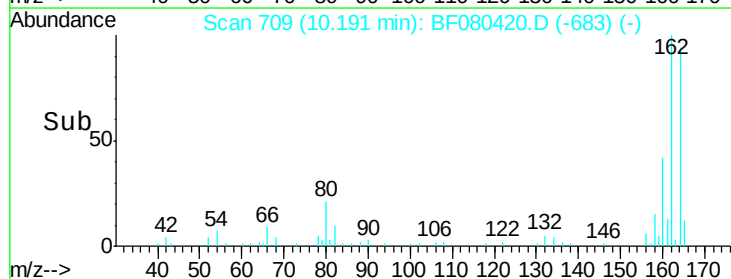
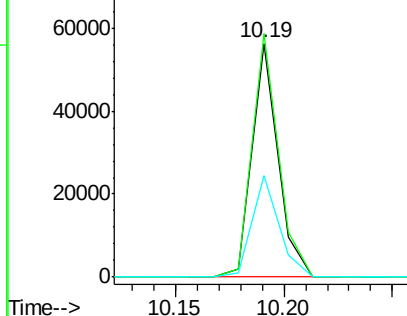


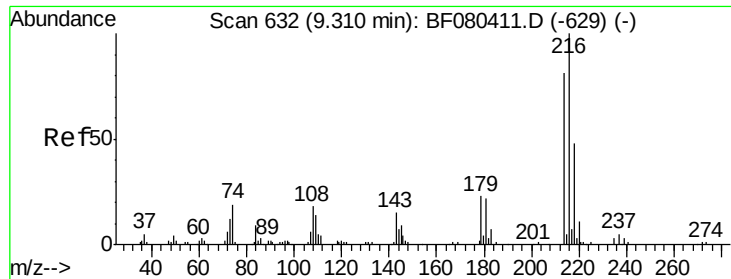
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:164 Resp: 46637
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.7 124.1
 160 43.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

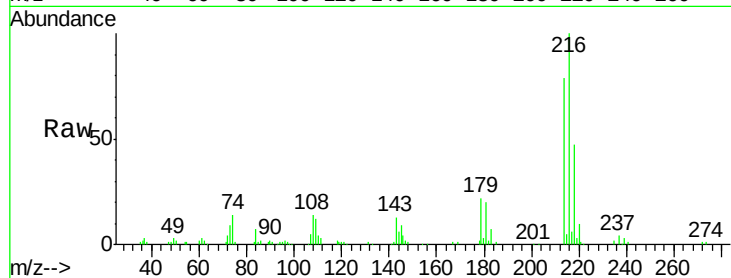




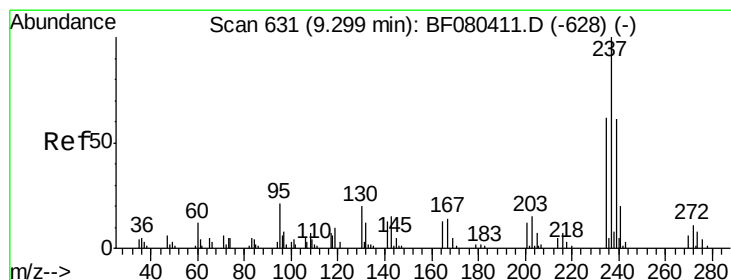
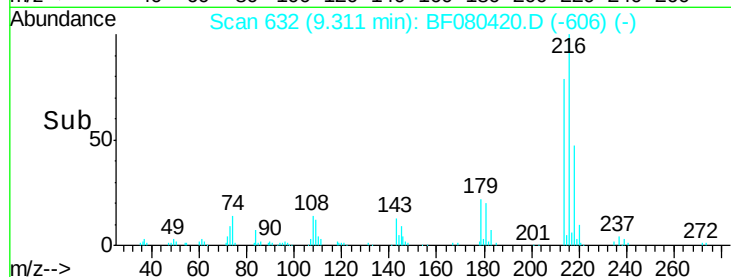
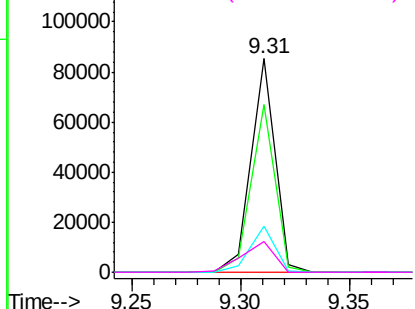
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.98 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion:	216	Resp:	65507
Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.6	97.0
179	22.5	17.9	26.9
108	19.8	15.8	23.6

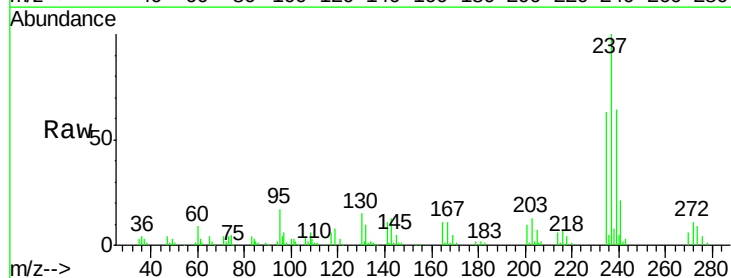


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

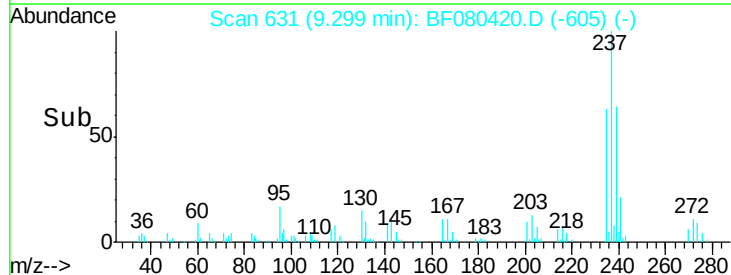
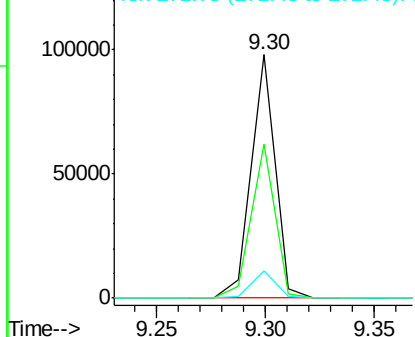


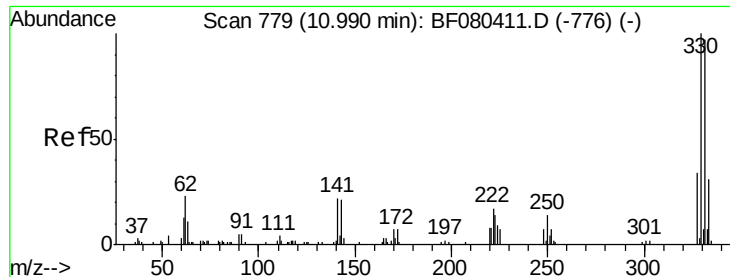
#40
 Hexachlorocyclopentadiene
 Concen: 91.68 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:	237	Resp:	74634
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.4	82.4
272	11.3	0.0	31.4



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

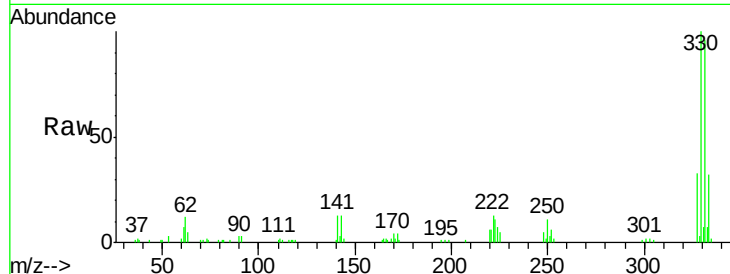




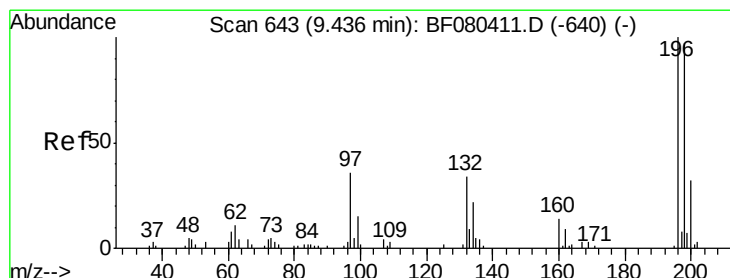
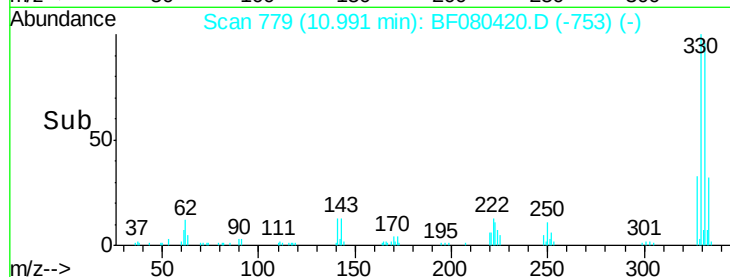
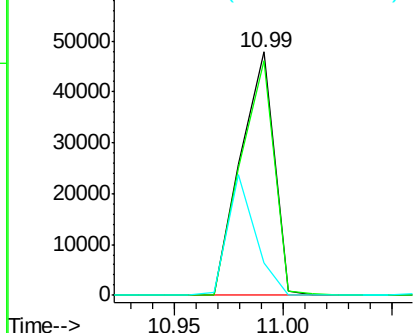
#41
 2,4,6-Tribromophenol
 Concen: 111.98 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion:330 Resp: 50971
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.0 117.0
 141 41.1 28.6 43.0

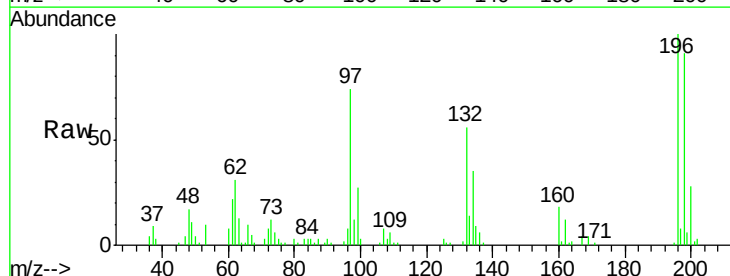


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

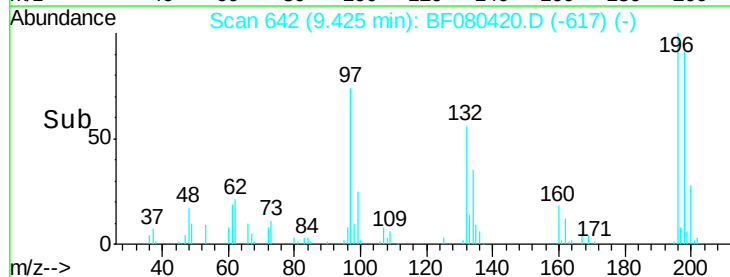
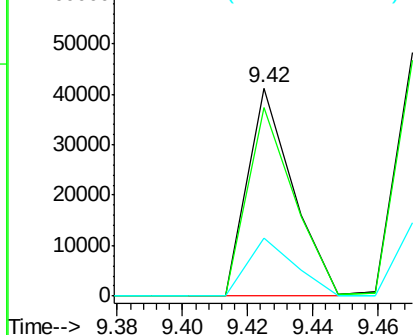


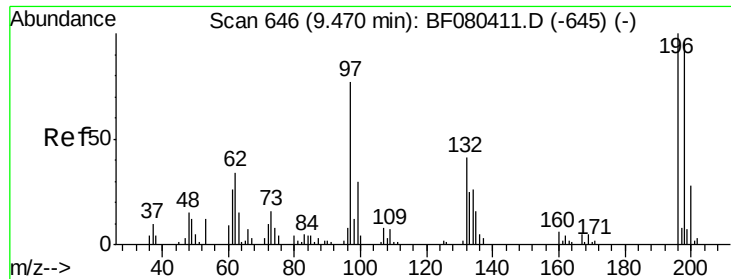
#42
 2,4,6-Trichlorophenol
 Concen: 44.00 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:196 Resp: 39541
 Ion Ratio Lower Upper
 196 100
 198 90.6 77.4 116.2
 200 27.9 25.8 38.6



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

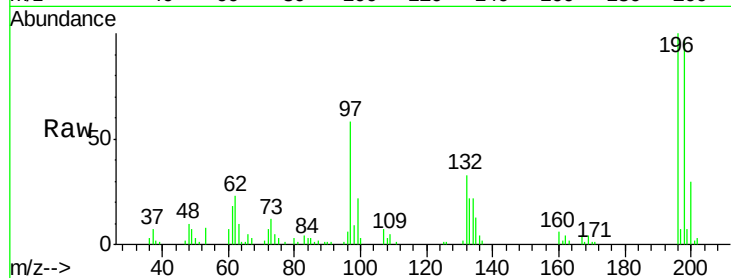




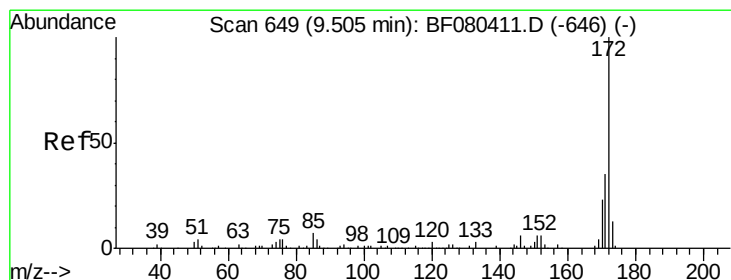
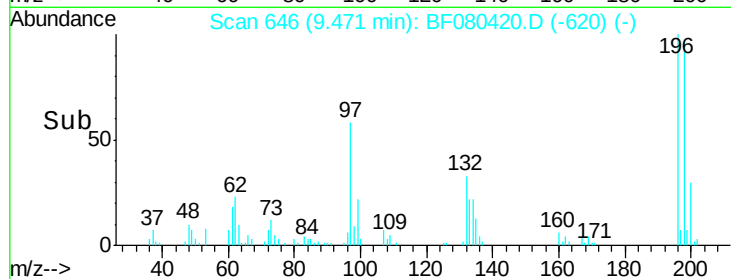
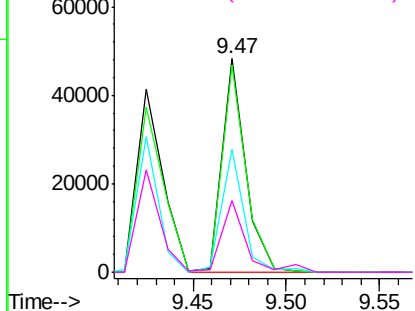
#43
 2,4,5-Trichlorophenol
 Concen: 43.98 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion:196 Resp: 42414
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.1 114.1
 97 57.6 62.2 93.2#
 132 33.4 32.5 48.7

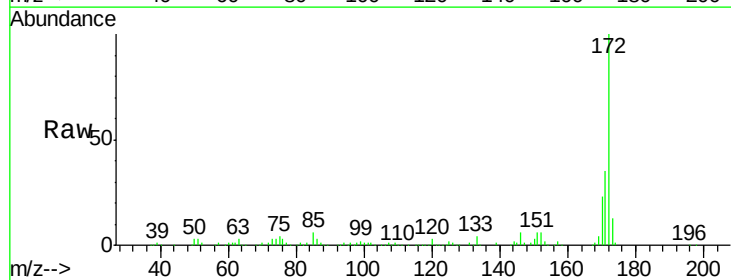


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

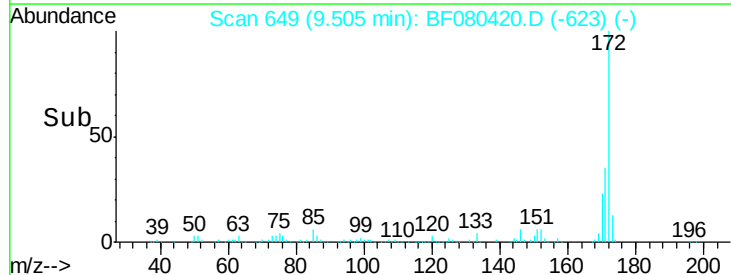
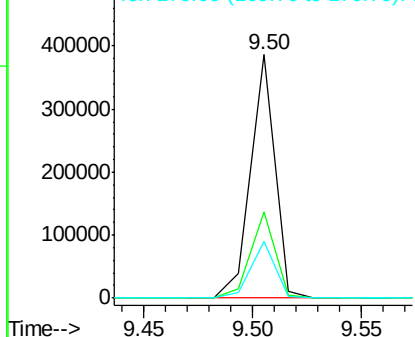


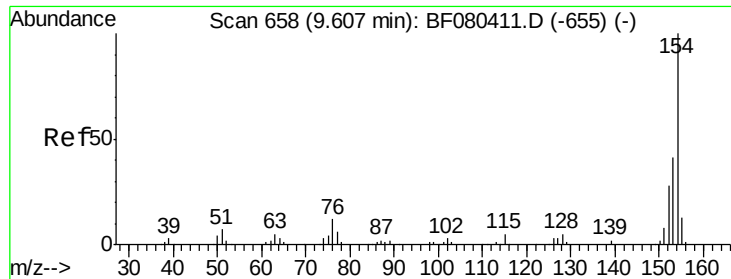
#44
 2-Fluorobiphenyl
 Concen: 86.53 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:172 Resp: 299610
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 23.2 18.6 28.0



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

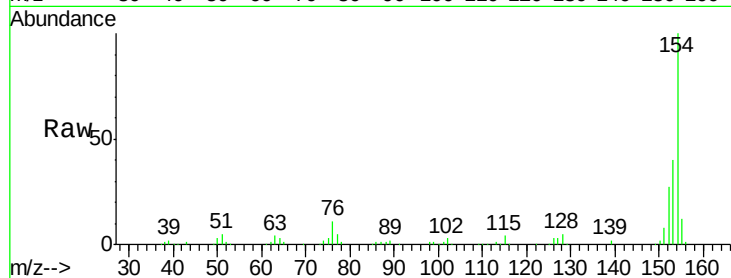




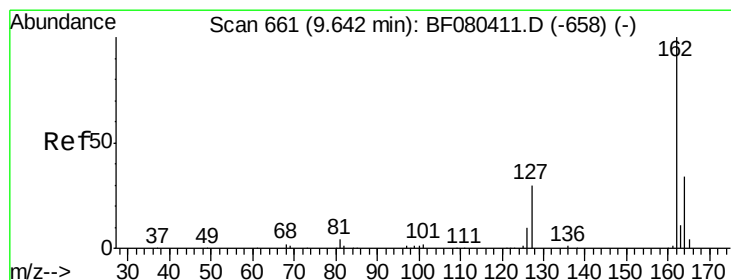
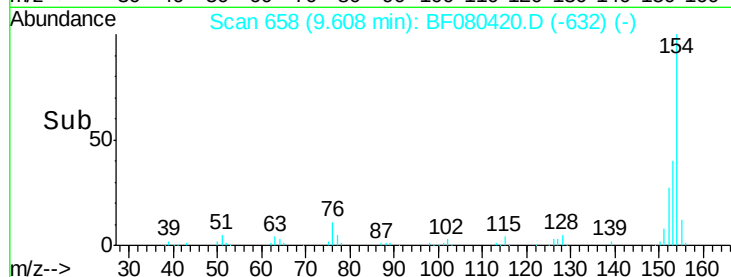
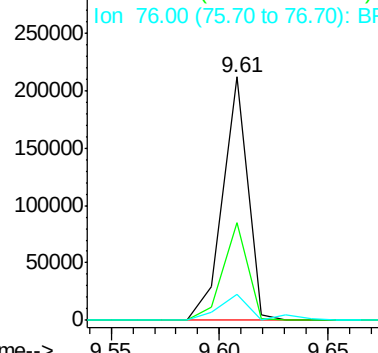
#45
 1,1'-Biphenyl
 Concen: 41.43 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	10.6	0.0	32.4

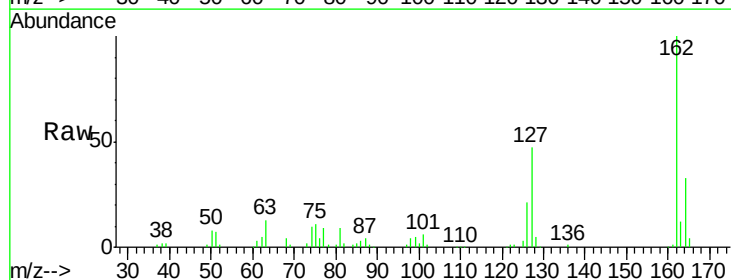


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

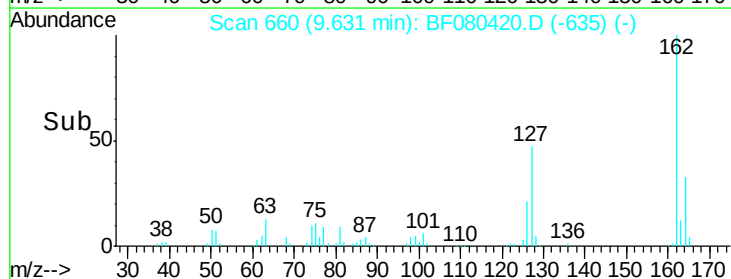
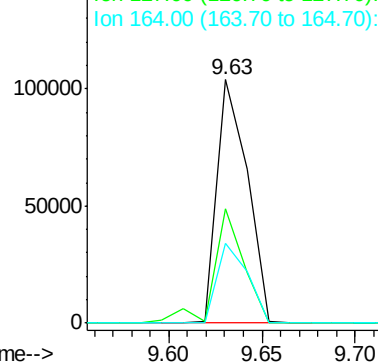


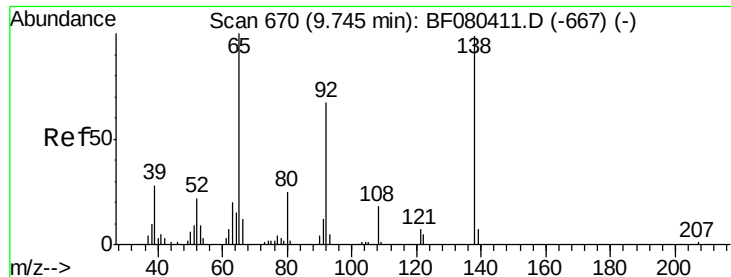
#46
 2-Chloronaphthalene
 Concen: 39.17 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.8	28.6	42.8#
164	32.7	27.2	40.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.61 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

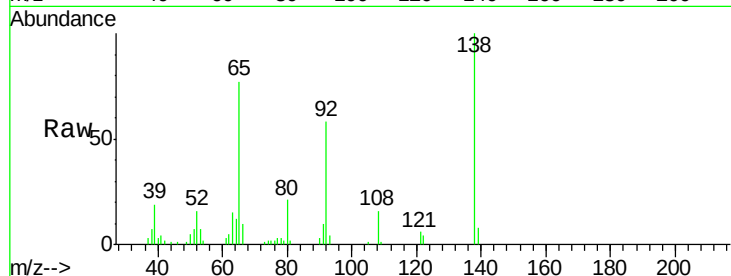
Tgt Ion: 65 Resp: 32642

Ion Ratio Lower Upper

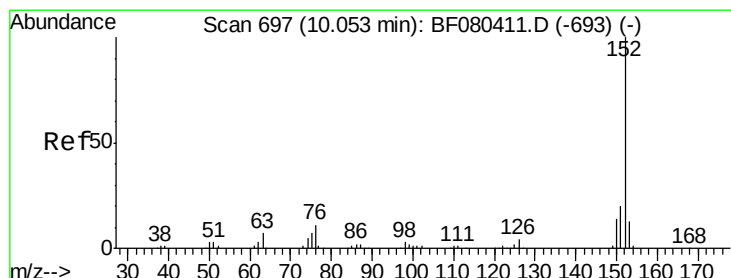
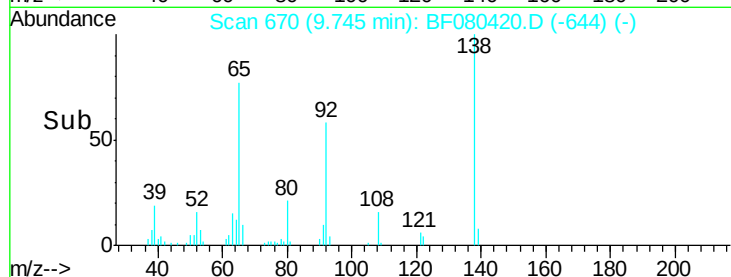
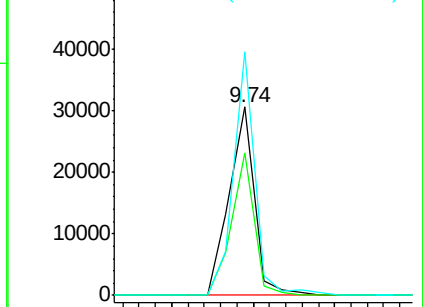
65 100

92 75.6 53.2 79.8

138 129.5 78.9 118.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.70 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

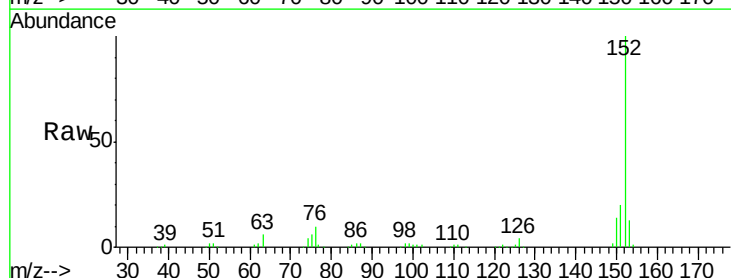
Tgt Ion: 152 Resp: 213999

Ion Ratio Lower Upper

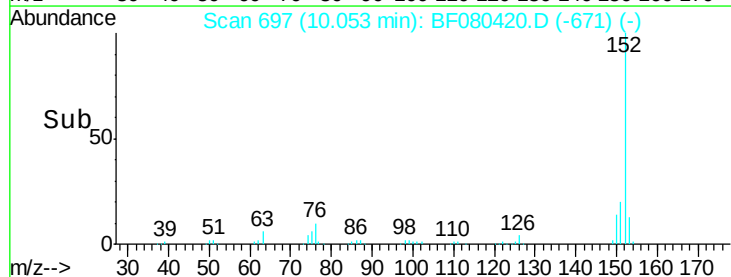
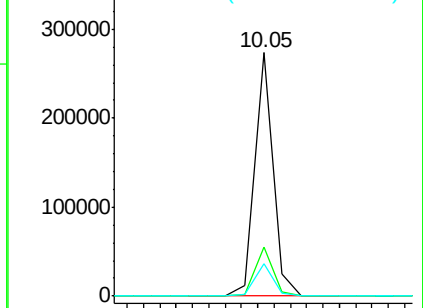
152 100

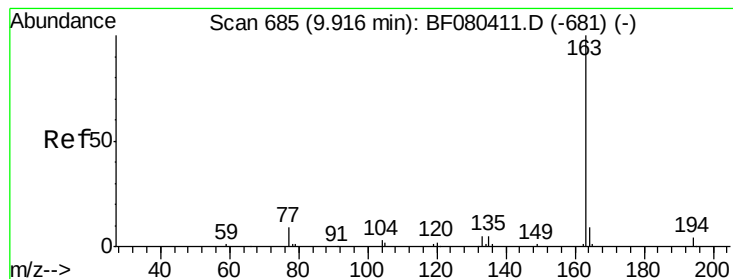
151 20.0 15.8 23.8

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 64.65 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

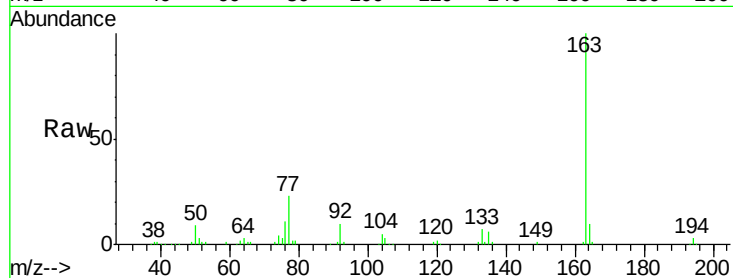
Tgt Ion:163 Resp: 227907

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.2#

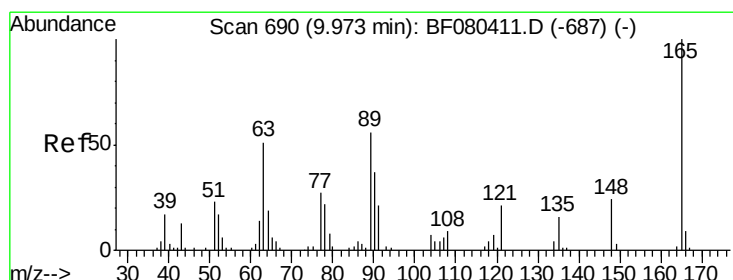
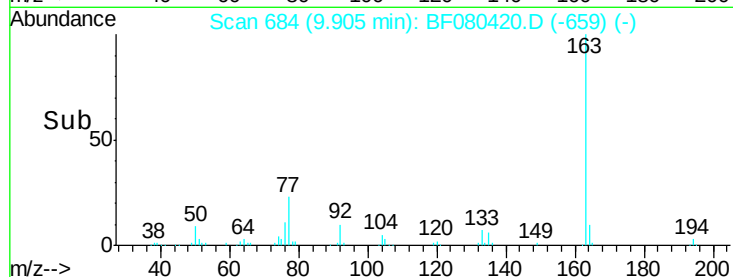
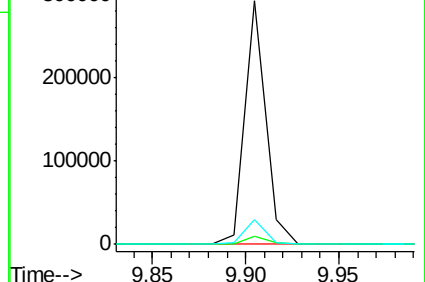
164 10.4 7.4 11.0



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: 38.64 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

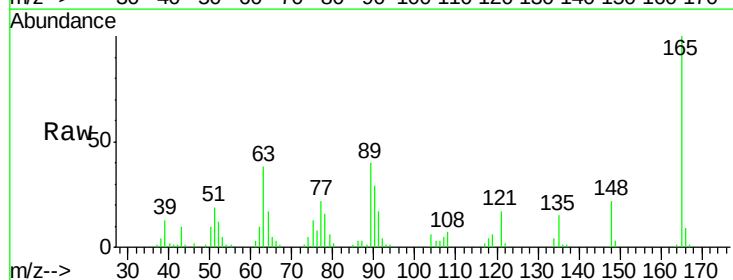
Tgt Ion:165 Resp: 30574

Ion Ratio Lower Upper

165 100

63 37.9 44.5 66.7#

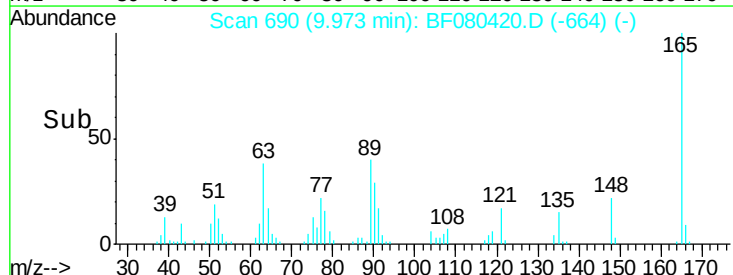
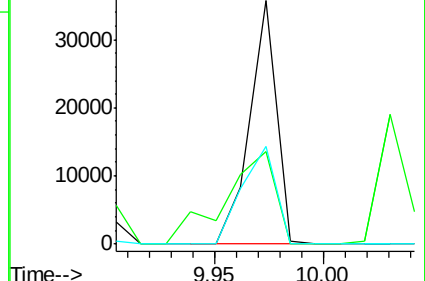
89 40.3 44.5 66.7#

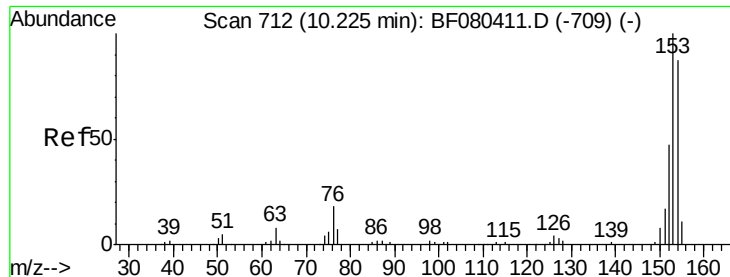


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.18 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

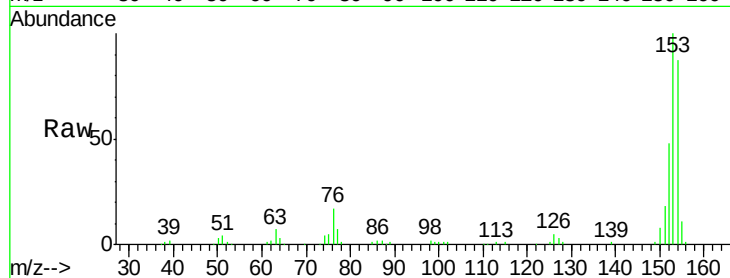
Tgt Ion:154 Resp: 134341

Ion Ratio Lower Upper

154 100

153 115.4 91.7 137.5

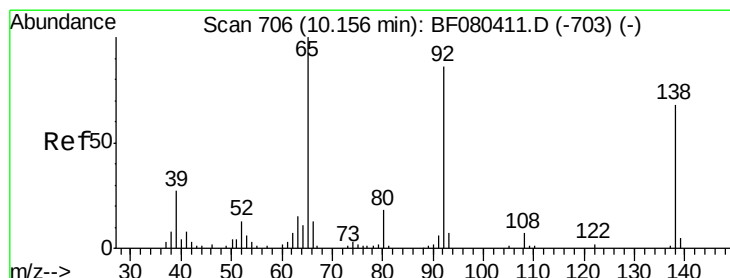
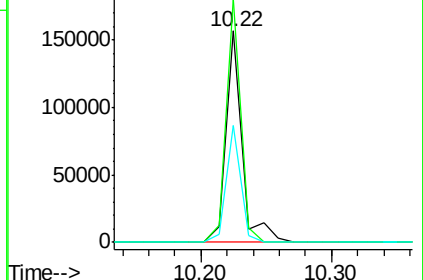
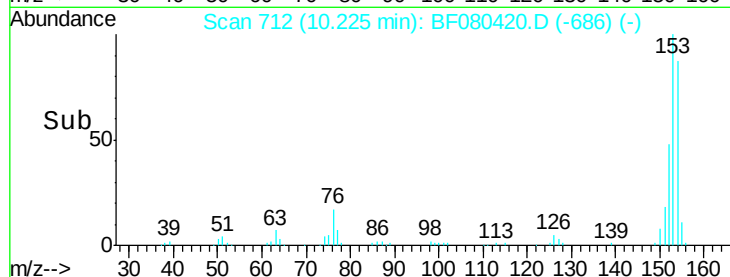
152 55.2 43.5 65.3



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: 22.66 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

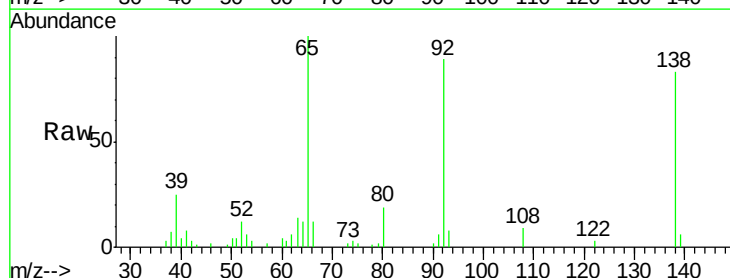
Tgt Ion:138 Resp: 17507

Ion Ratio Lower Upper

138 100

108 11.4 8.4 12.6

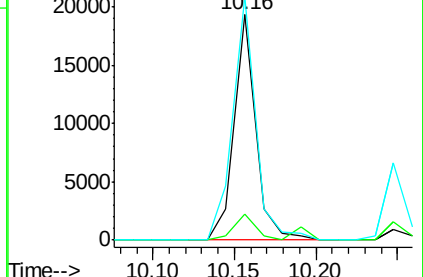
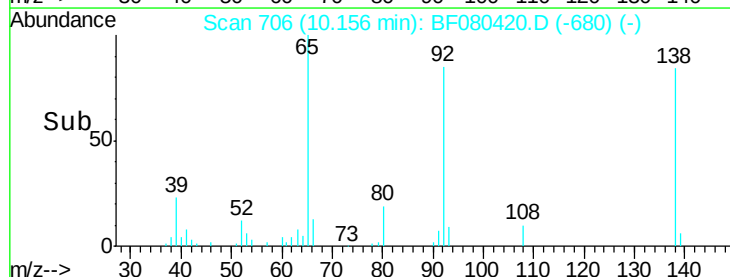
92 108.1 101.0 151.4

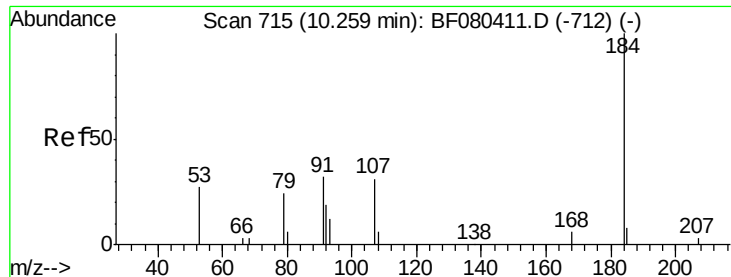


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

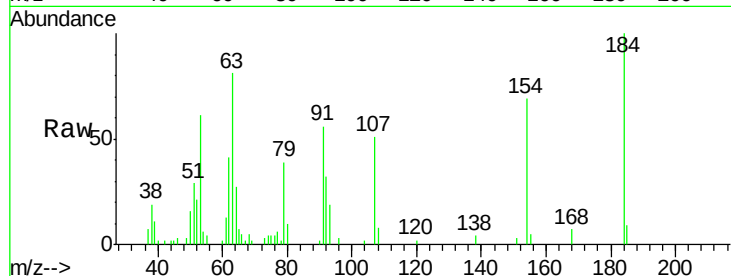




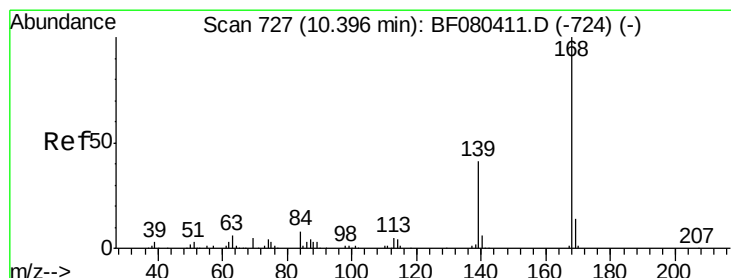
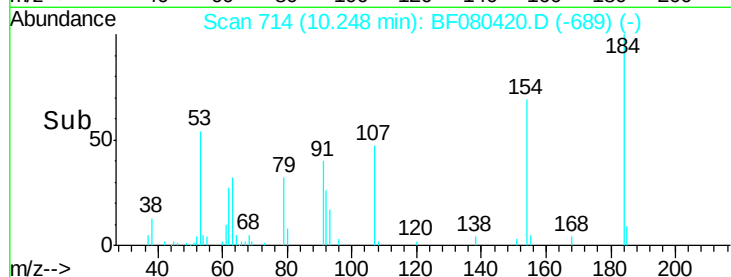
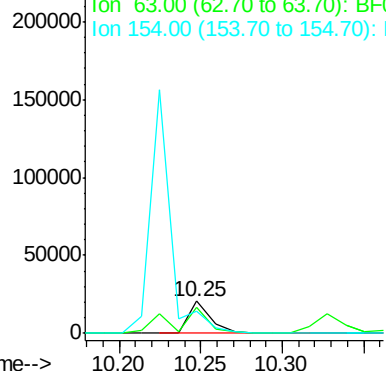
#53
2,4-Dinitrophenol
Concen: 55.92 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

Tgt Ion:184 Resp: 19626
Ion Ratio Lower Upper
184 100
63 81.0 30.8 46.2#
154 68.7 46.8 70.2

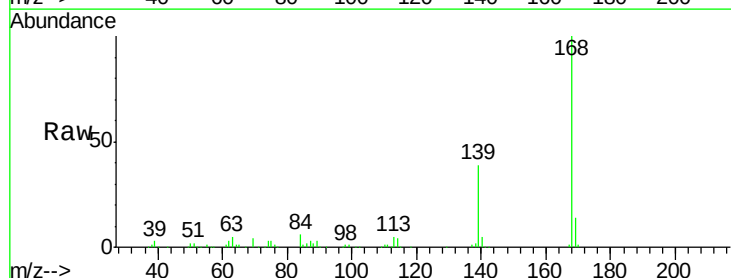


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

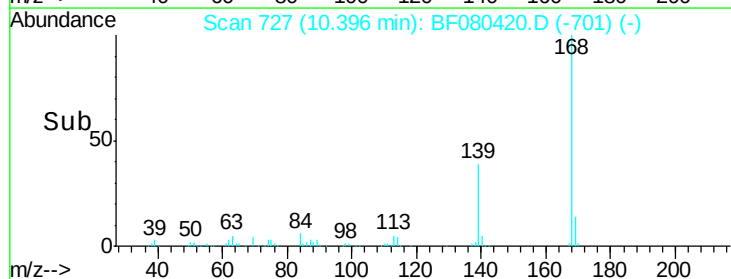
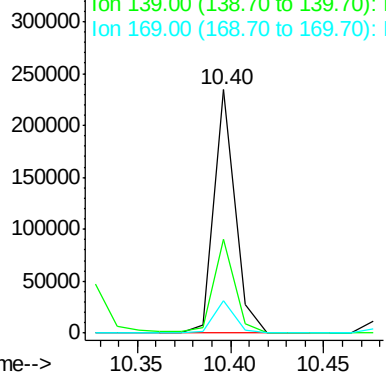


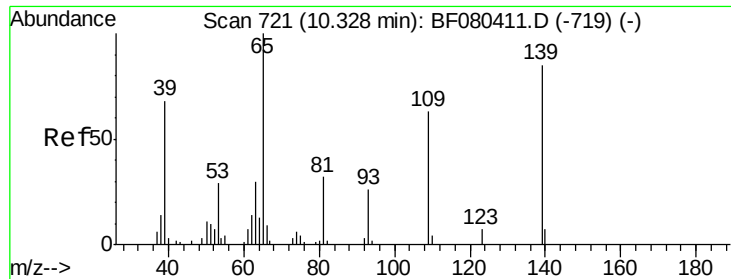
#54
Dibenzofuran
Concen: 42.89 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion:168 Resp: 185299
Ion Ratio Lower Upper
168 100
139 38.6 33.4 50.2
169 13.5 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.76 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

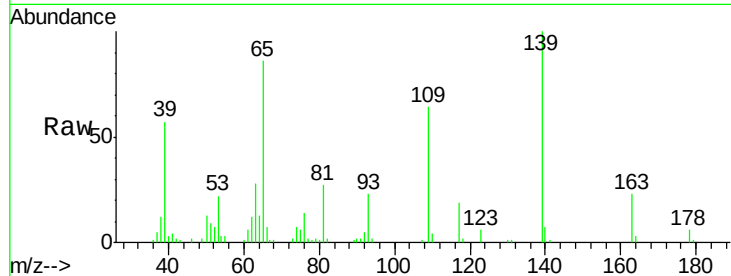
Tgt Ion:139 Resp: 45882

Ion Ratio Lower Upper

139 100

109 63.8 54.6 94.6

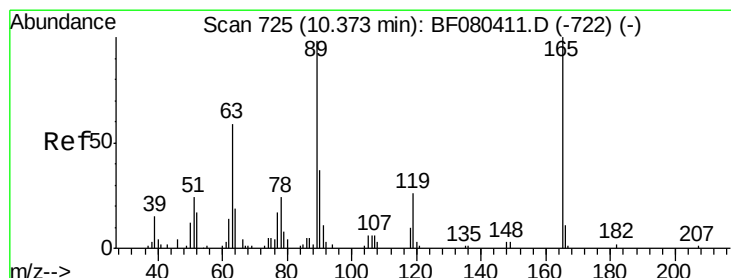
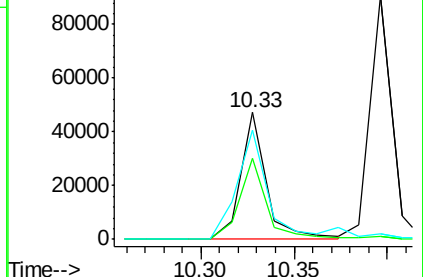
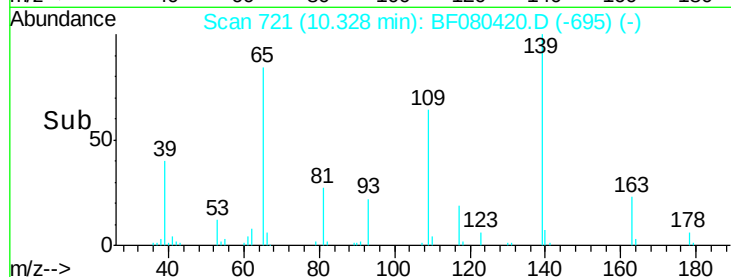
65 85.8 97.8 137.8#



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: 44.58 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Tgt Ion:165 Resp: 41242

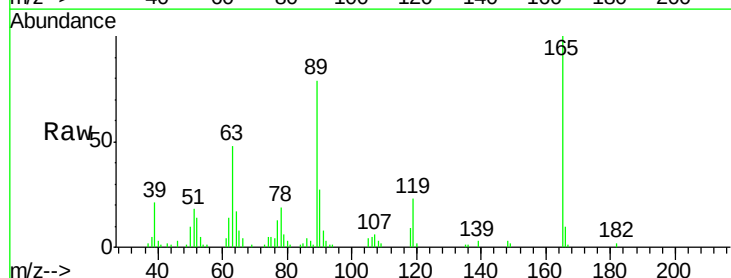
Ion Ratio Lower Upper

165 100

63 48.2 51.7 77.5#

89 78.7 78.6 117.8

182 2.3 1.8 2.8

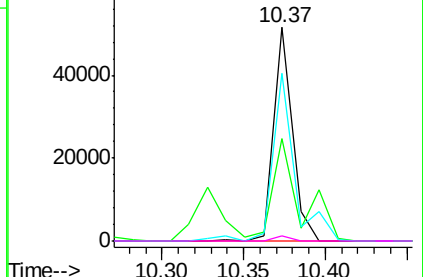
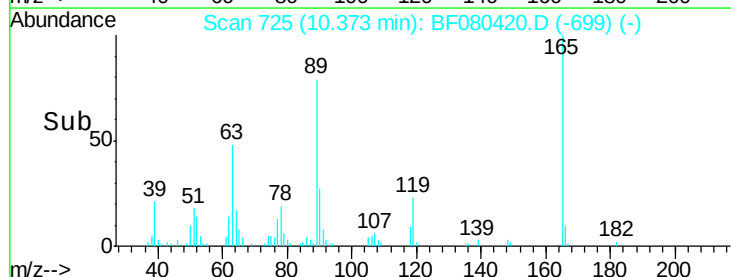


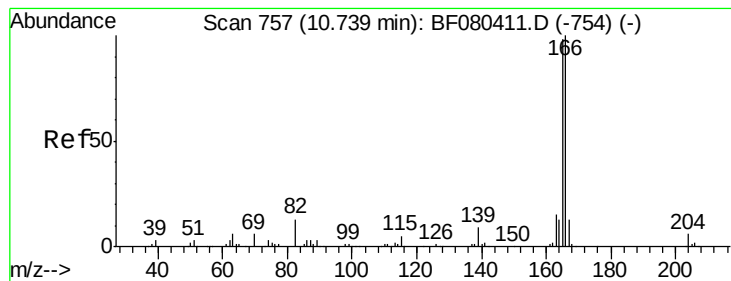
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.72 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

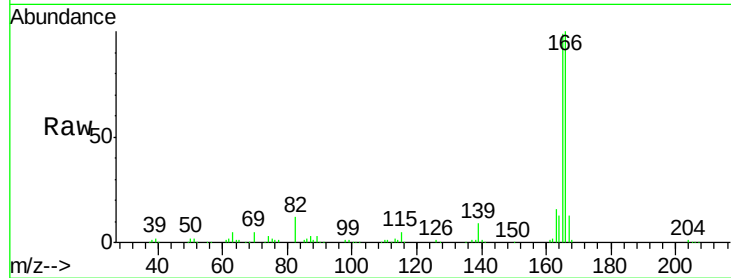
Tgt Ion:166 Resp: 144570

Ion Ratio Lower Upper

166 100

165 99.5 78.3 117.5

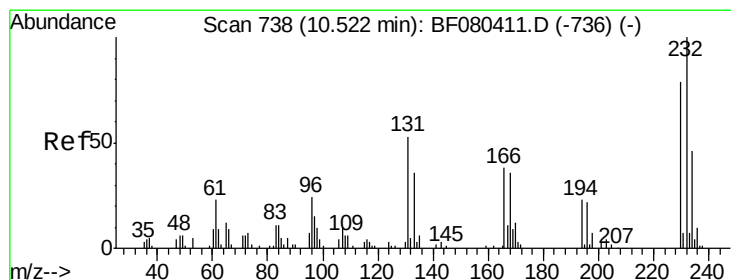
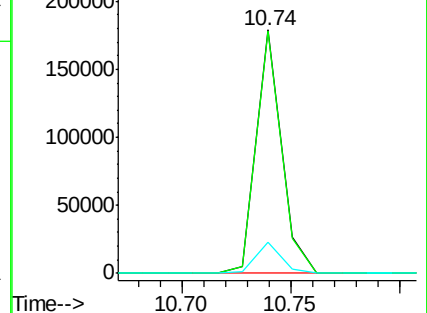
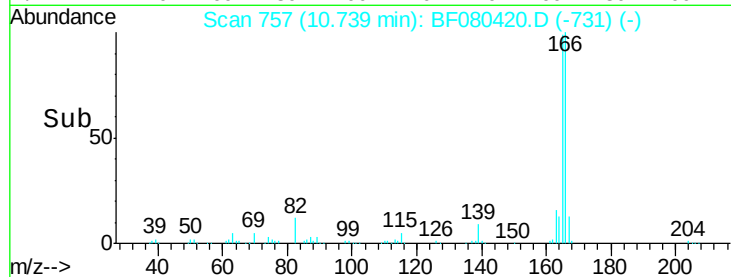
167 13.0 10.6 15.8



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: 43.66 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.05 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Tgt Ion:232 Resp: 36945

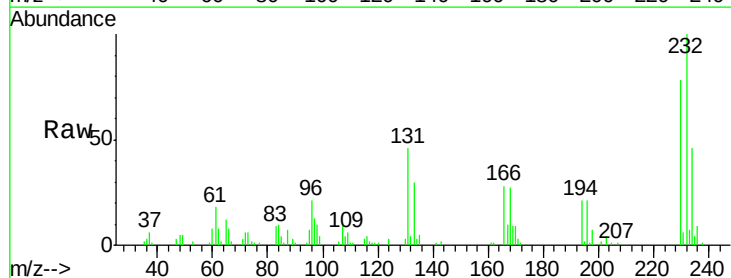
Ion Ratio Lower Upper

232 100

131 42.0 33.0 49.4

130 2.2 1.8 2.8

166 26.0 20.0 30.0

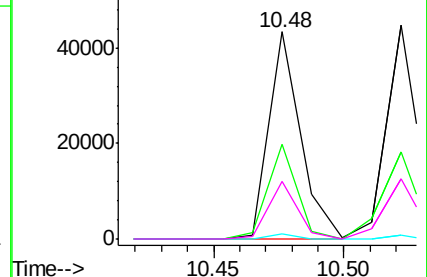
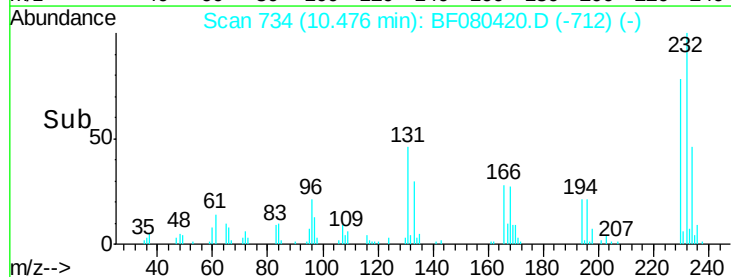


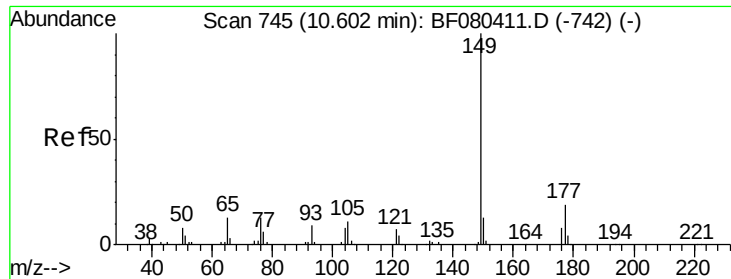
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

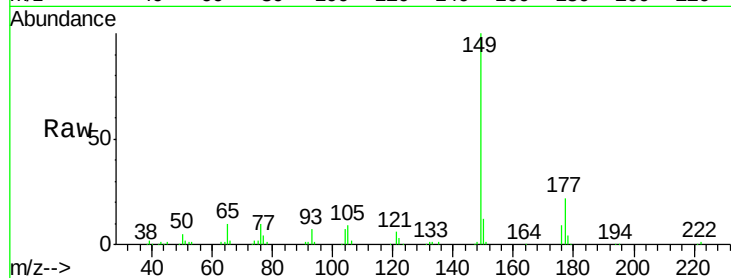




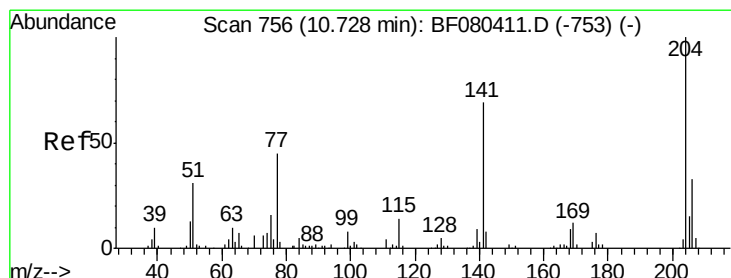
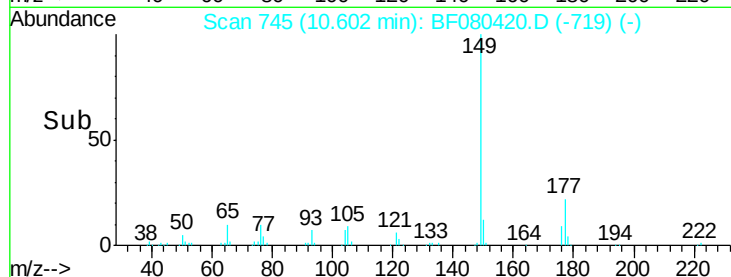
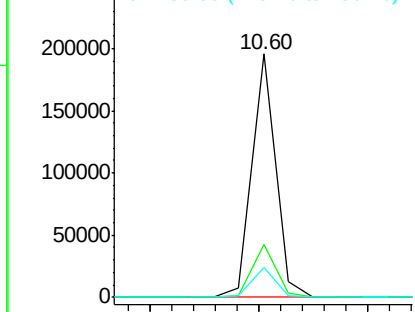
#59
Diethylphthalate
Concen: 43.05 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

Tgt Ion:149 Resp: 148574
Ion Ratio Lower Upper
149 100
177 21.6 15.4 23.2
150 12.4 10.3 15.5

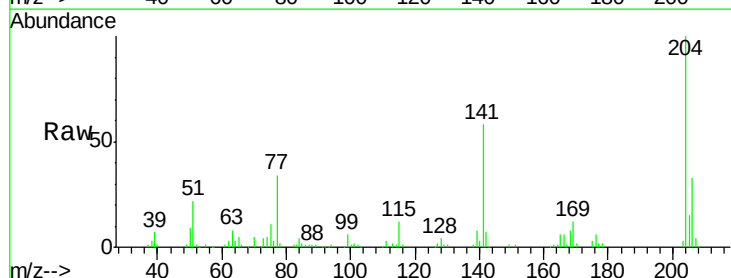


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

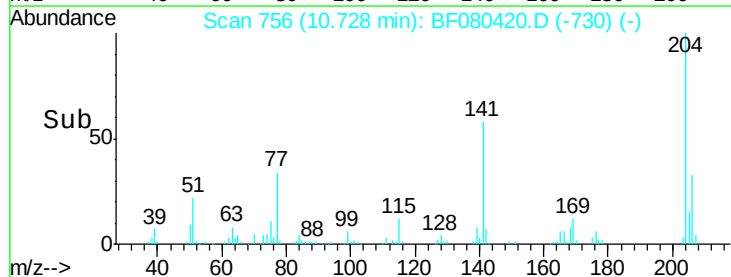
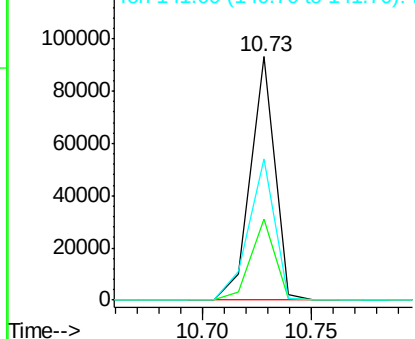


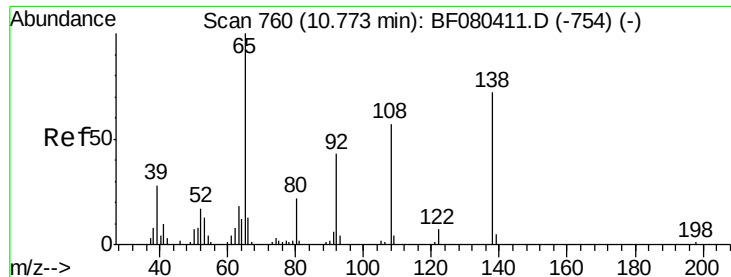
#60
4-Chlorophenyl-phenylether
Concen: 41.20 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion:204 Resp: 72236
Ion Ratio Lower Upper
204 100
206 33.3 26.8 40.2
141 58.2 55.1 82.7



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

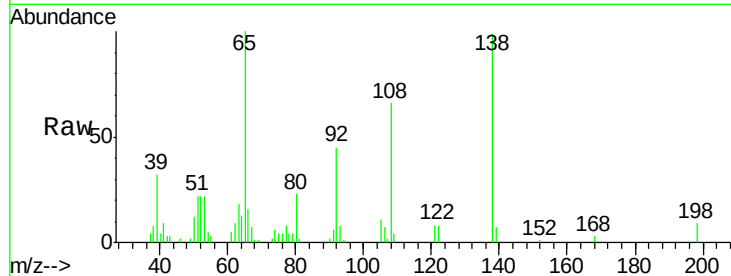




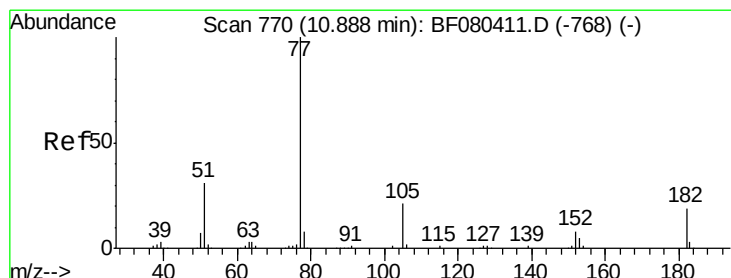
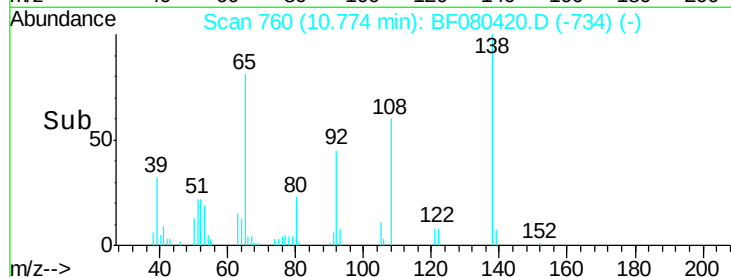
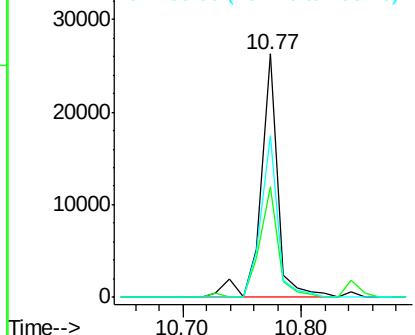
#61
4-Nitroaniline
Concen: 34.26 ng
RT: 10.77 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

Tgt Ion:138 Resp: 26253
Ion Ratio Lower Upper
138 100
92 45.2 39.0 79.0
108 66.4 59.4 99.4

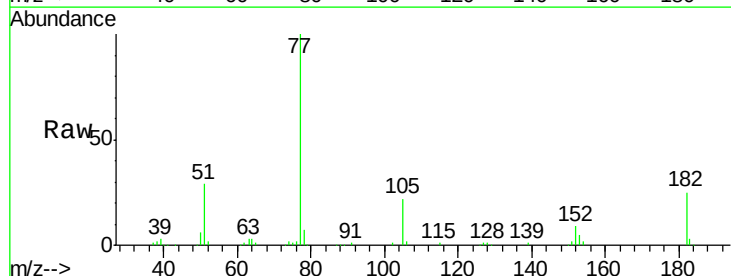


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

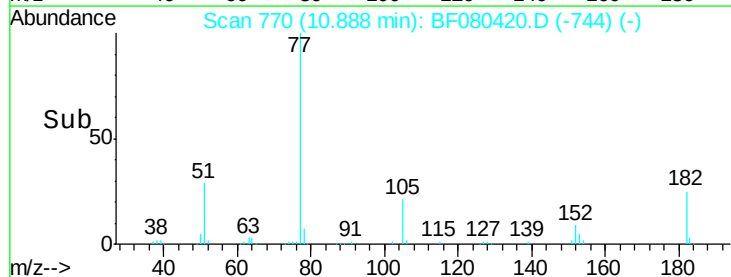
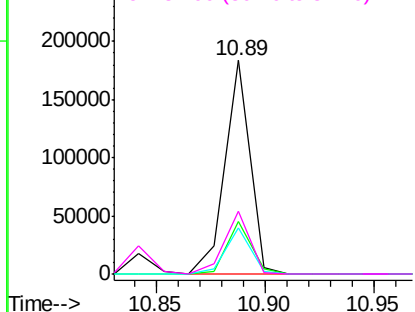


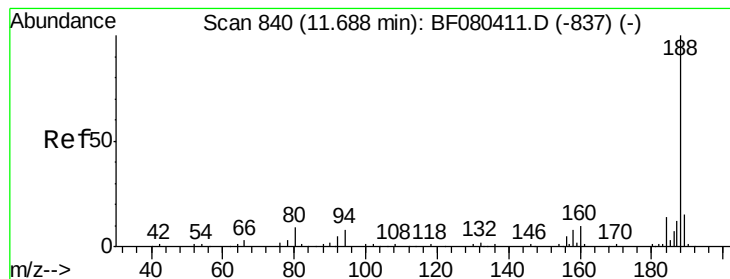
#62
Azobenzene
Concen: 39.26 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion: 77 Resp: 146276
Ion Ratio Lower Upper
77 100
182 24.7 0.0 39.4
105 21.8 0.6 40.6
51 29.4 11.5 51.5



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: 11.69 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

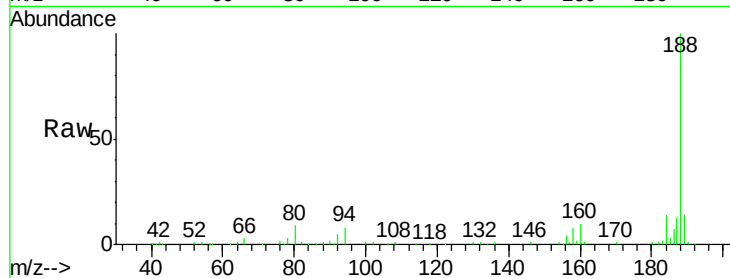
Tgt Ion:188 Resp: 85574

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

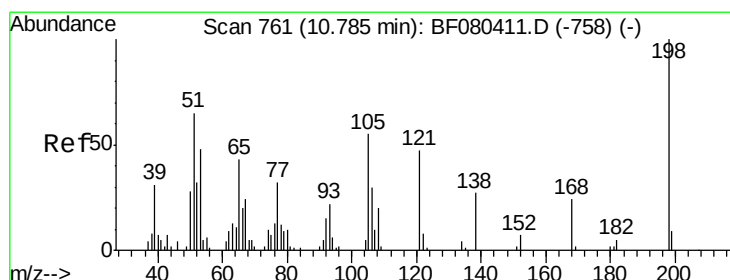
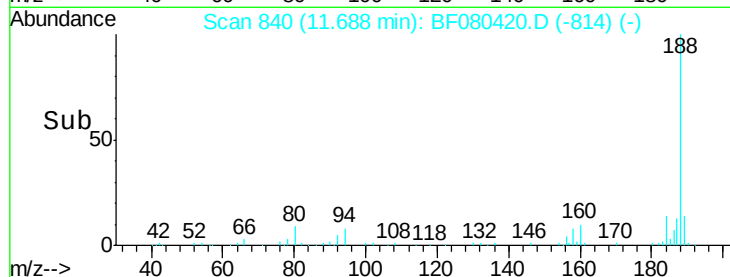
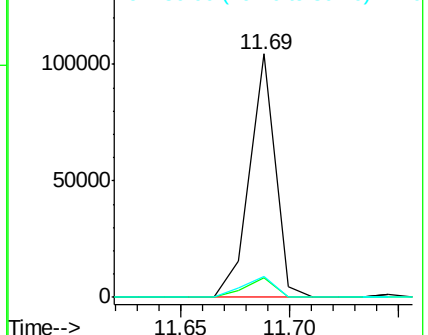
80 8.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.28 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

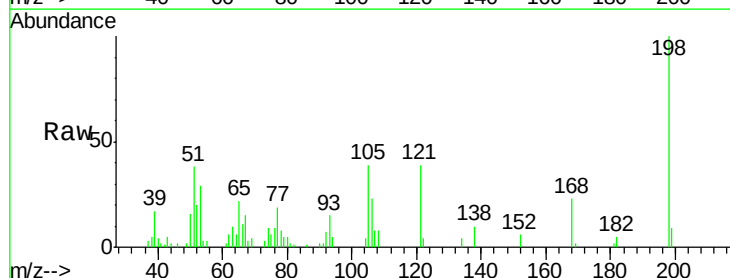
Tgt Ion:198 Resp: 20053

Ion Ratio Lower Upper

198 100

51 38.3 47.2 87.2#

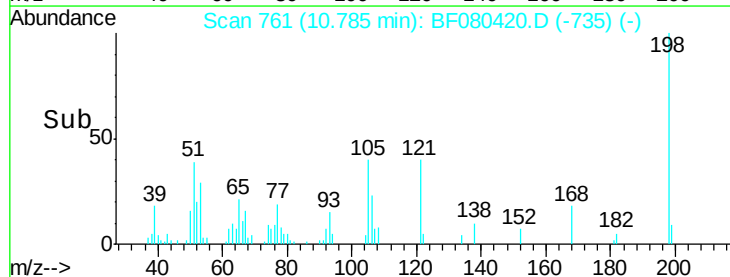
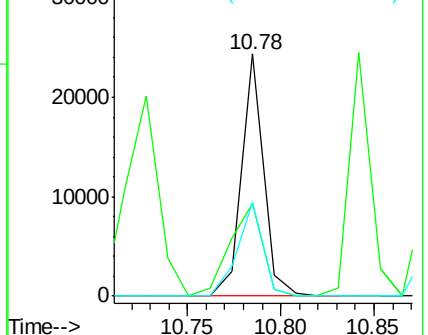
105 38.6 34.7 74.7

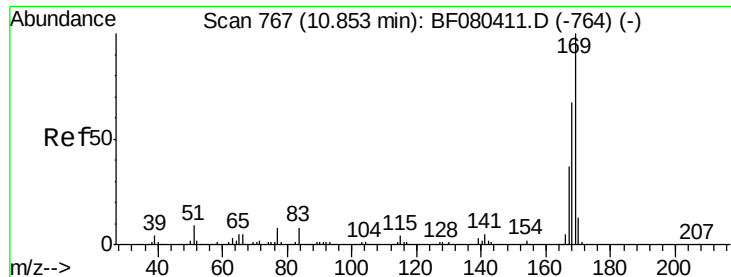


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.67 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

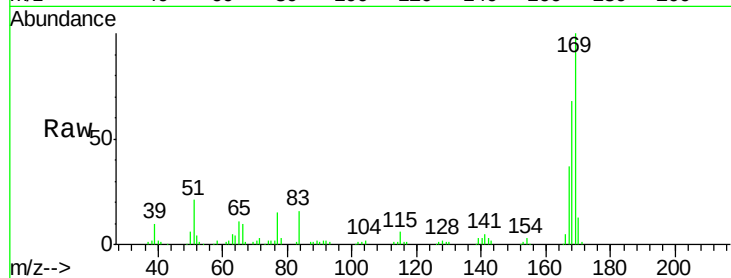
Tgt Ion:169 Resp: 113810

Ion Ratio Lower Upper

169 100

168 67.7 53.5 80.3

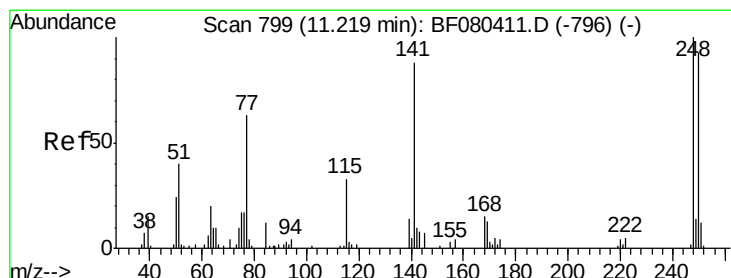
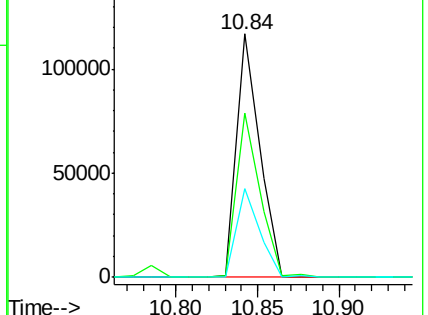
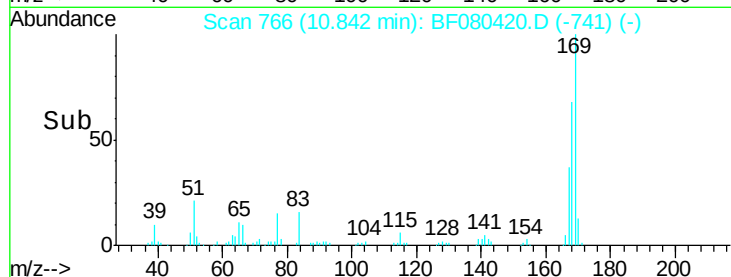
167 36.6 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.73 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

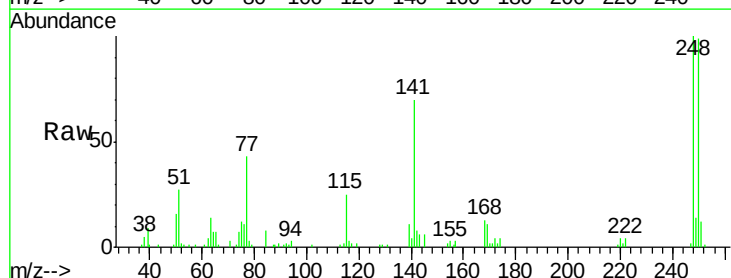
Tgt Ion:248 Resp: 41706

Ion Ratio Lower Upper

248 100

250 98.7 74.2 111.4

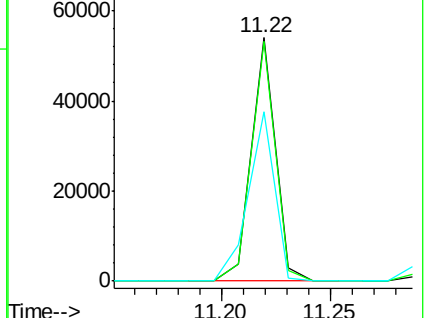
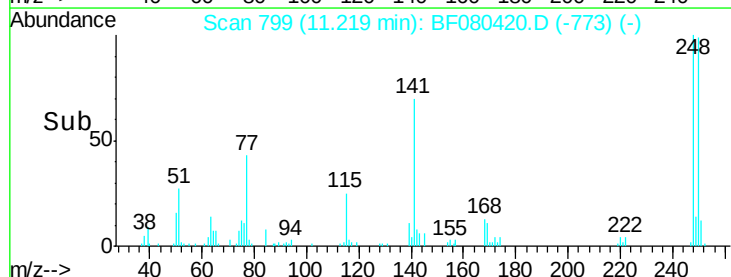
141 69.5 70.7 106.1#

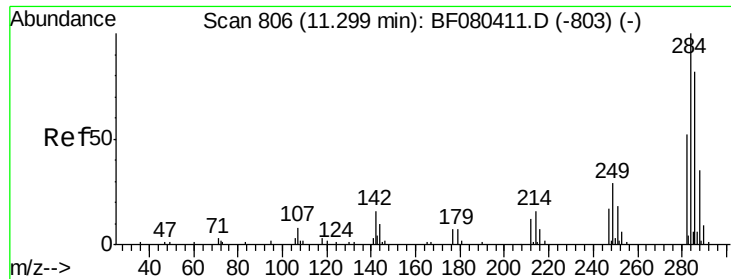


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.29 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

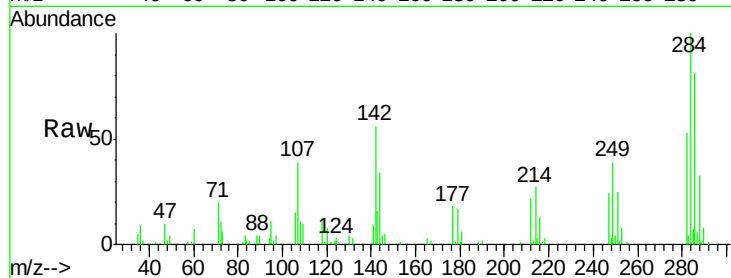
Tgt Ion:284 Resp: 37809

Ion Ratio Lower Upper

284 100

142 55.5 12.9 19.3#

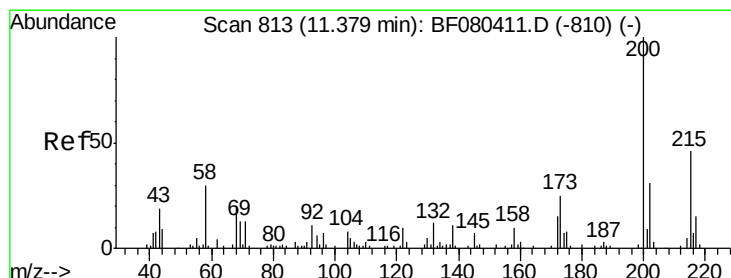
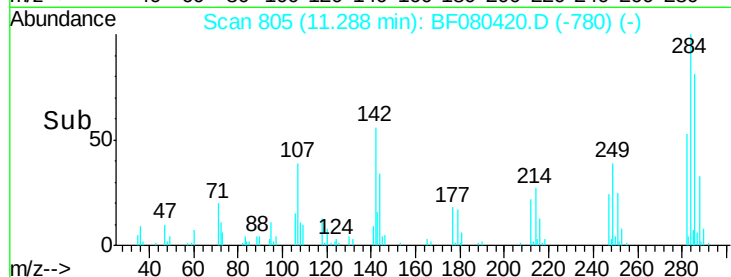
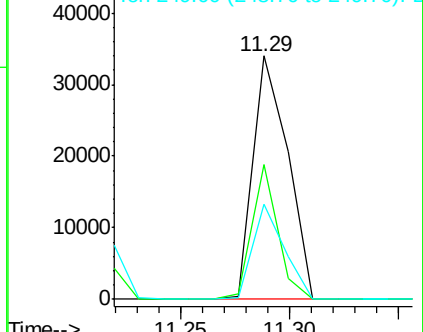
249 39.3 23.5 35.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

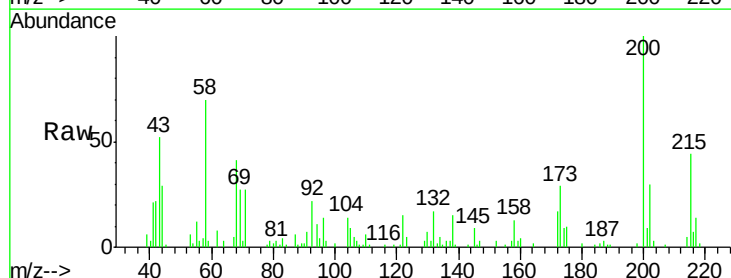
Tgt Ion:200 Resp: 34835

Ion Ratio Lower Upper

200 100

173 29.1 5.5 45.5

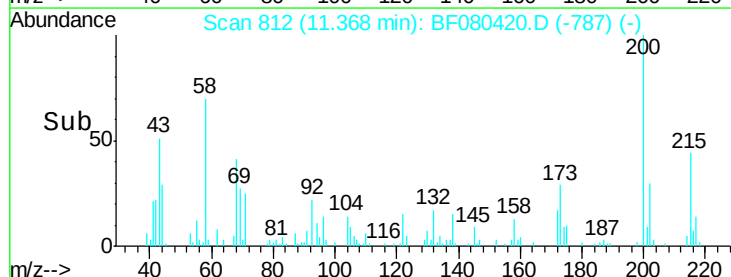
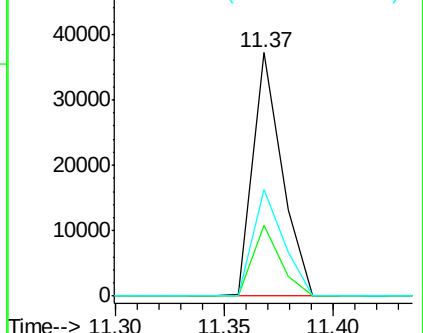
215 43.5 25.8 65.8

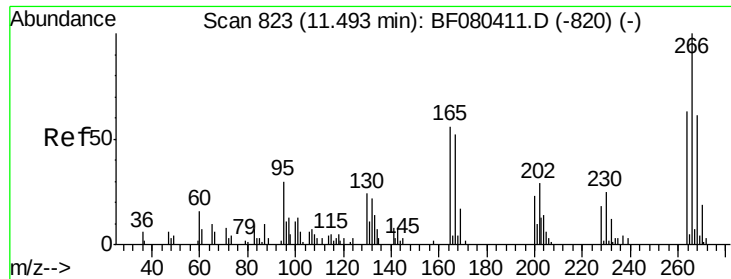


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

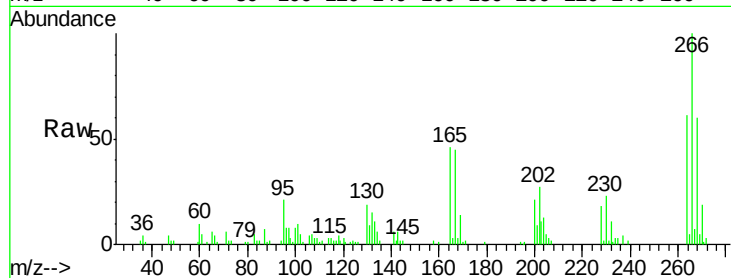




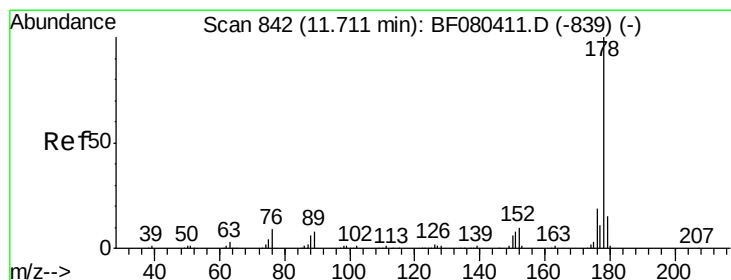
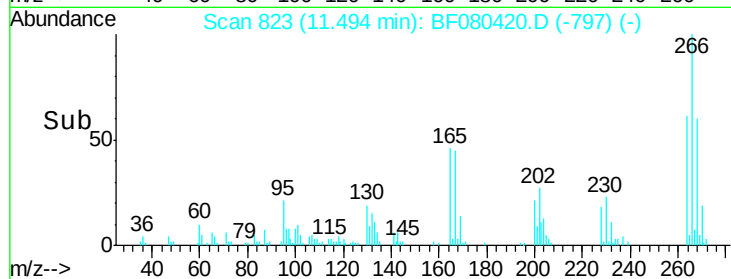
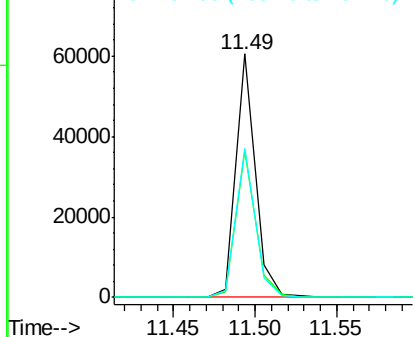
#69
 Pentachlorophenol
 Concen: 94.46 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion: 266 Resp: 49401
 Ion Ratio Lower Upper
 266 100
 268 60.1 48.5 72.7
 264 61.1 50.2 75.2

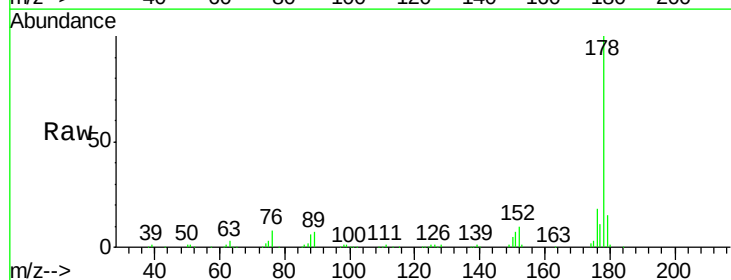


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

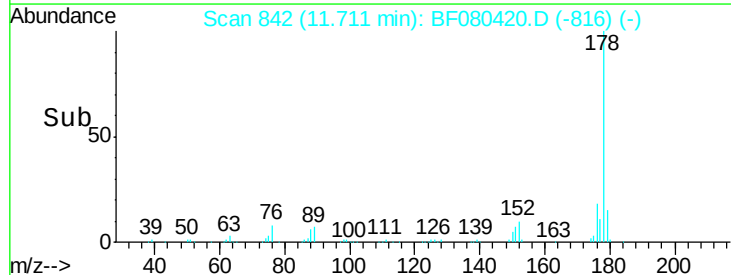
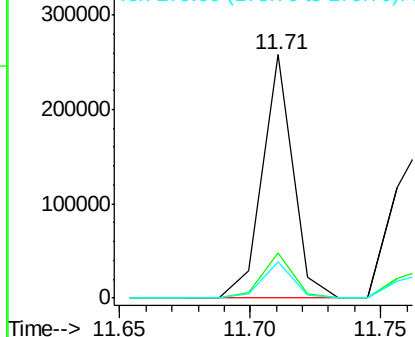


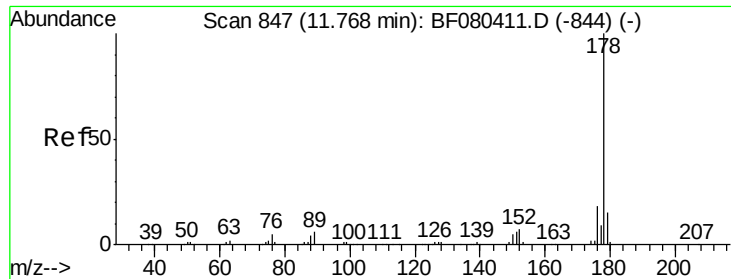
#70
 Phenanthrene
 Concen: 41.36 ng
 RT: 11.71 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion: 178 Resp: 212630
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.2 22.8
 179 14.8 12.4 18.6



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

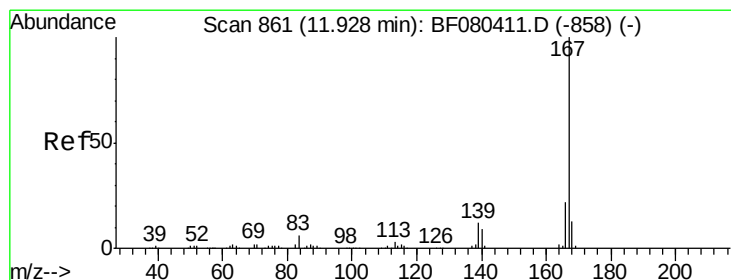
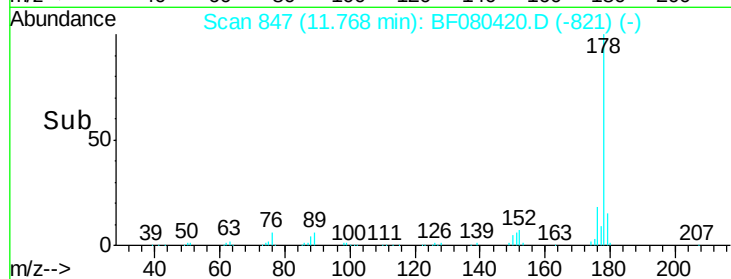
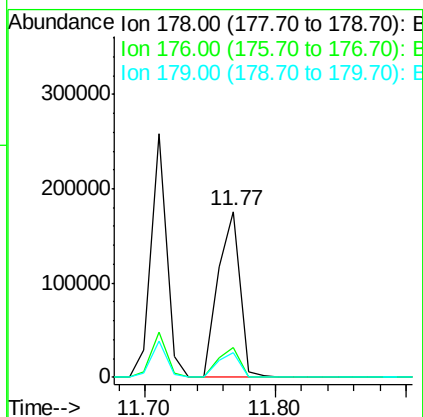
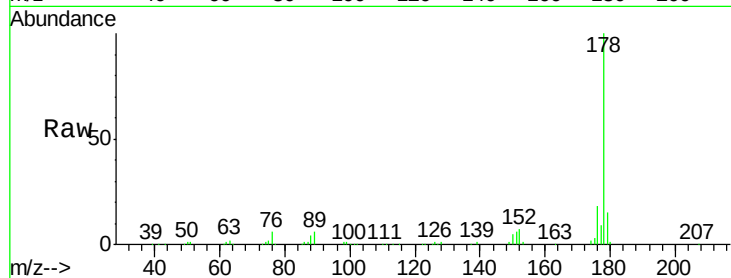




#71
 Anthracene
 Concen: 43.40 ng
 RT: 11.77 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

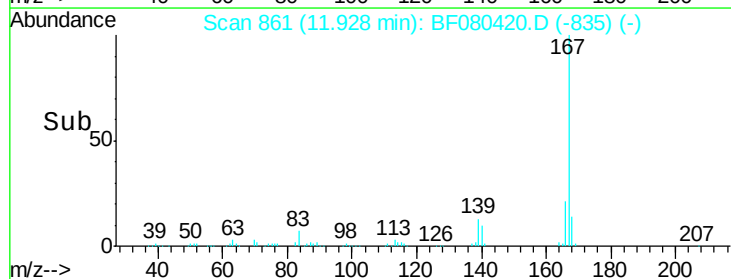
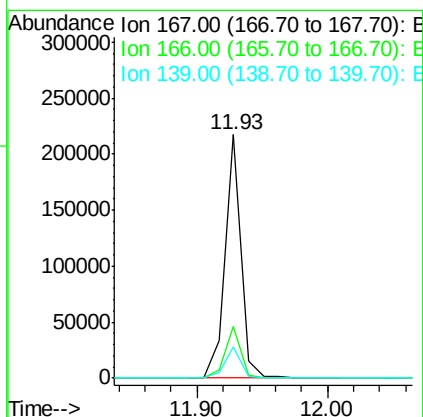
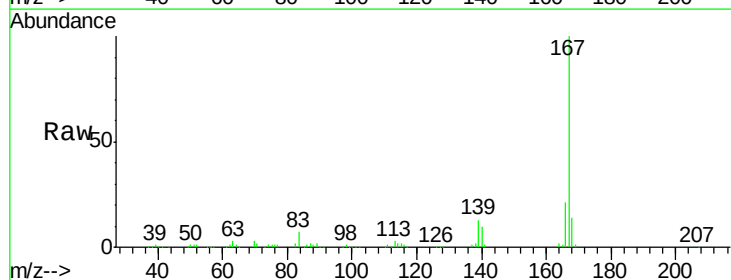
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

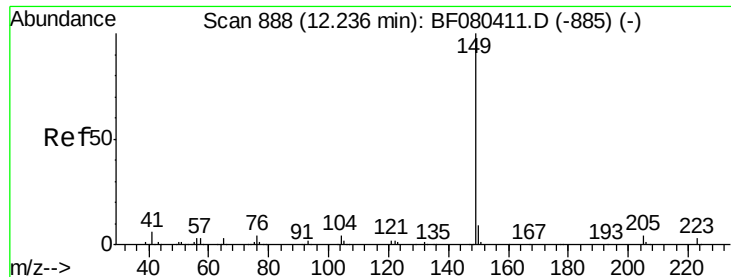
Tgt Ion:178 Resp: 206608
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.2 21.4
 179 14.7 11.6 17.4



#72
 Carbazole
 Concen: 42.10 ng
 RT: 11.93 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:167 Resp: 184958
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 12.6 9.5 14.3





#73

Di-n-butylphthalate

Concen: 45.79 ng

RT: 12.24 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

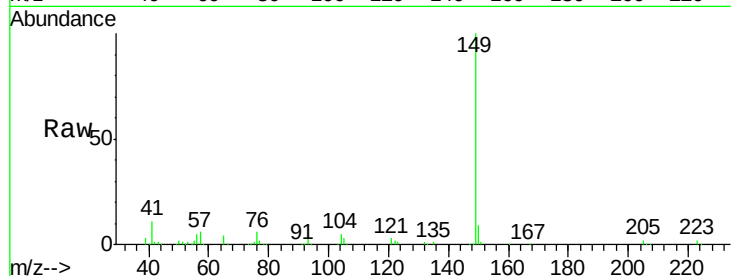
Tgt Ion:149 Resp: 212745

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

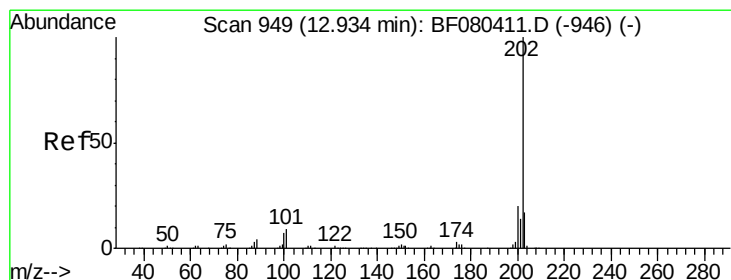
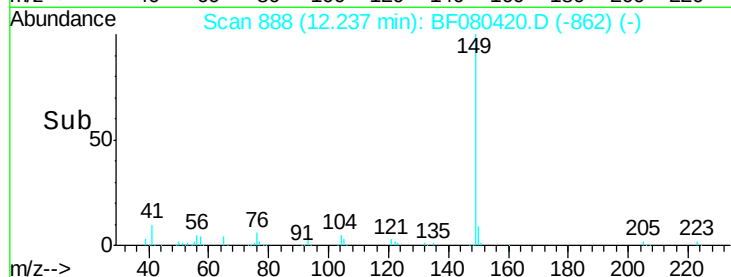
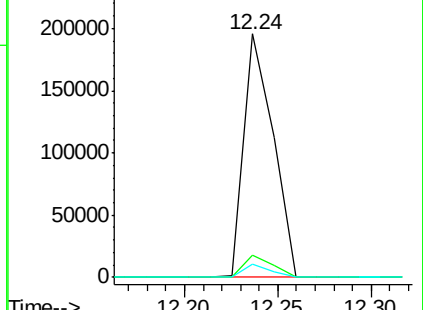
104 5.3 3.5 5.3#



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: 41.84 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.02 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

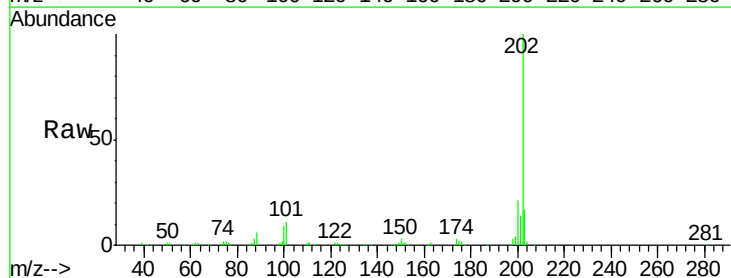
Tgt Ion:202 Resp: 223083

Ion Ratio Lower Upper

202 100

101 11.3 0.0 28.8

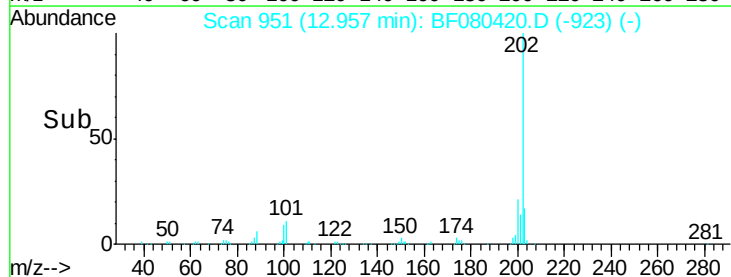
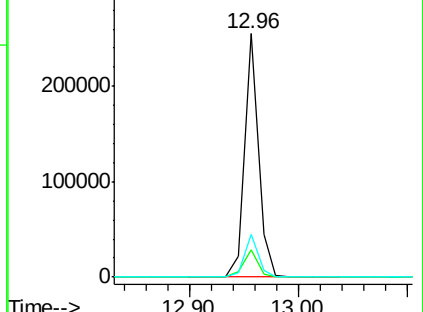
203 17.4 0.0 37.3

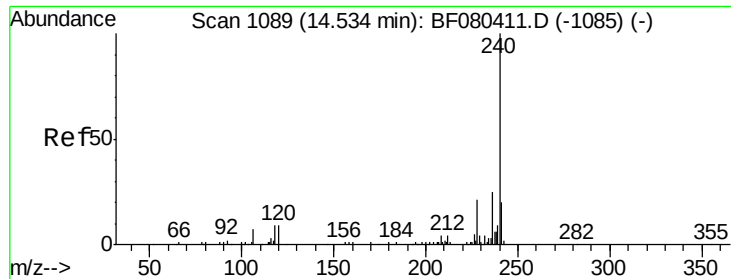


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

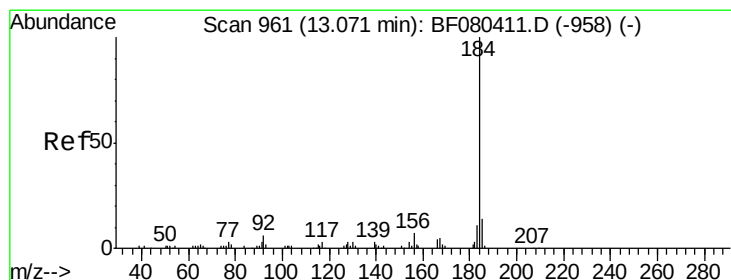
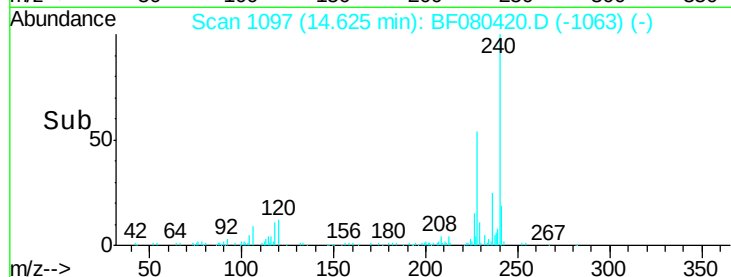
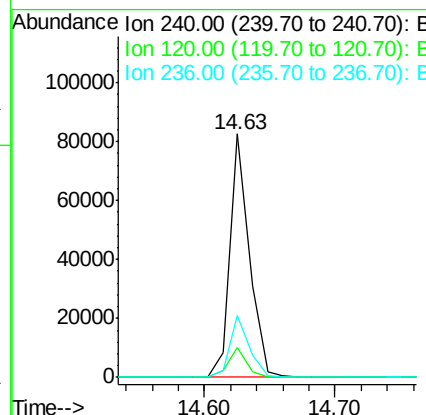
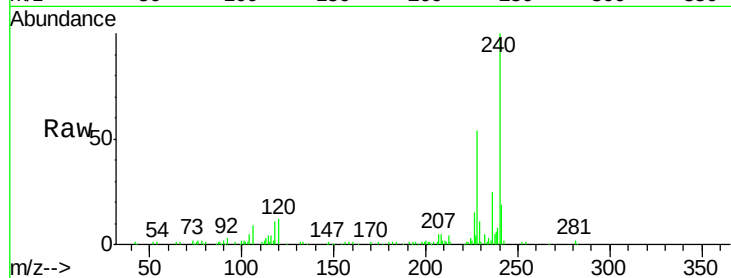




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. 0.09 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

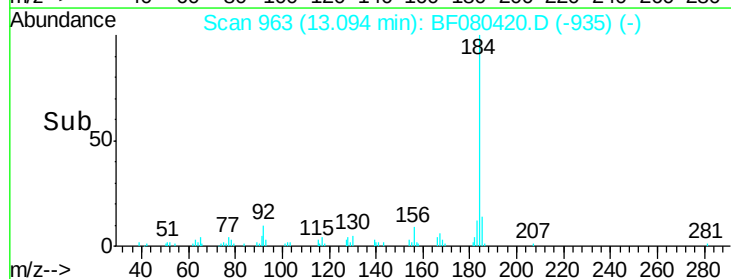
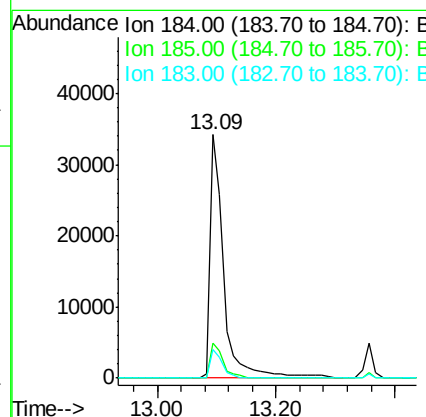
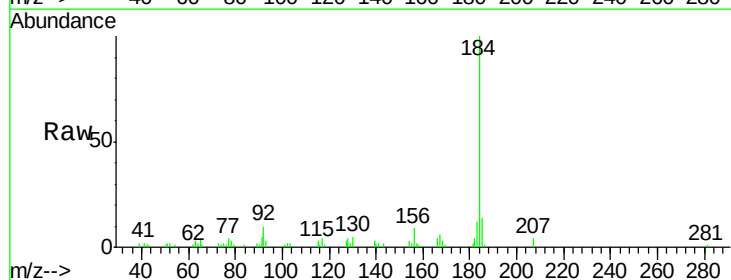
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

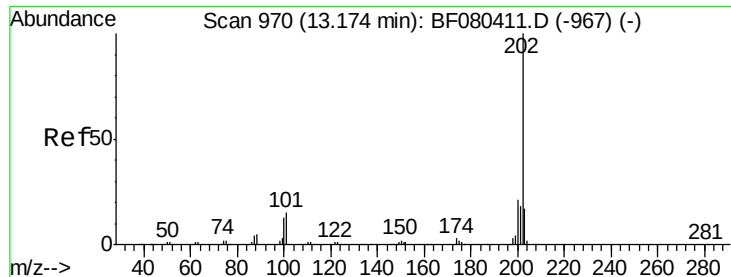
Tgt Ion:240 Resp: 85663
 Ion Ratio Lower Upper
 240 100
 120 12.4 7.4 11.2#
 236 25.4 19.7 29.5



#76
 Benzidine
 Concen: 33.12 ng
 RT: 13.09 min Scan# 963
 Delta R.T. 0.02 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:184 Resp: 55436
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.0 16.4
 183 11.6 9.0 13.6





#77

Pyrene

Concen: 40.25 ng

RT: 13.21 min Scan# 973

Delta R.T. 0.03 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

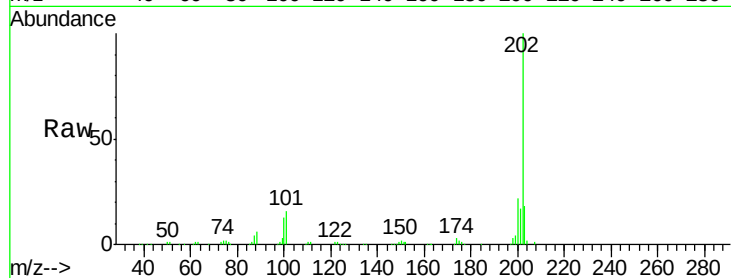
Tgt Ion:202 Resp: 220889

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

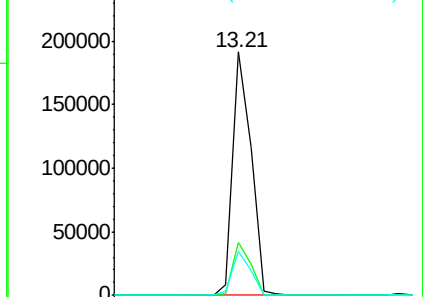
203 18.2 13.8 20.8



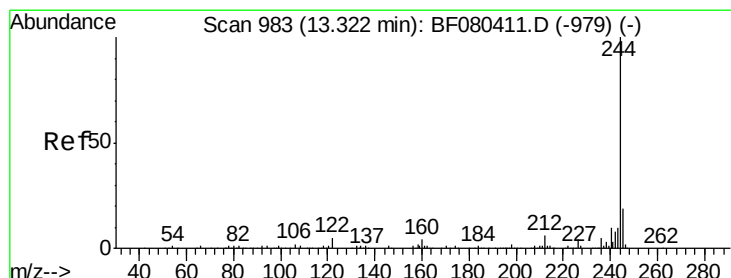
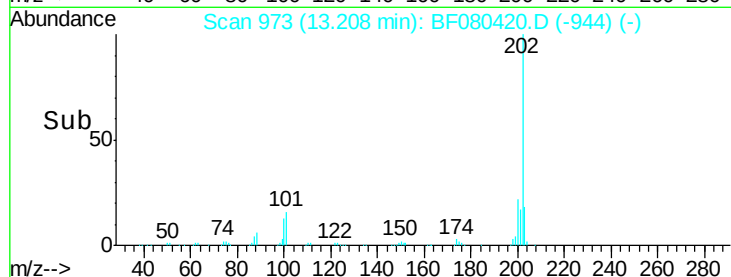
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 13.10 13.20 13.30



#78

Terphenyl-d14

Concen: 76.68 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.03 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

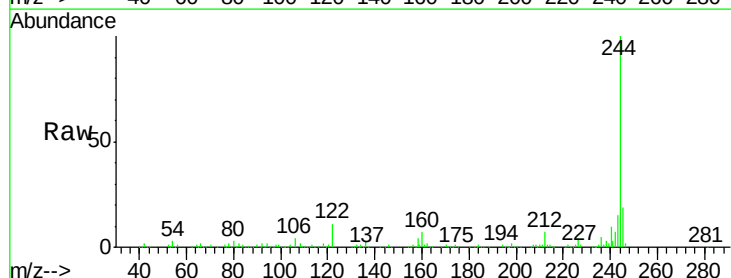
Tgt Ion:244 Resp: 302468

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

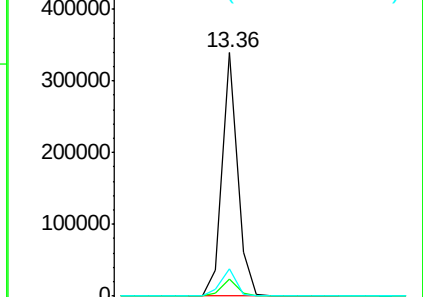
122 11.4 4.1 6.1#



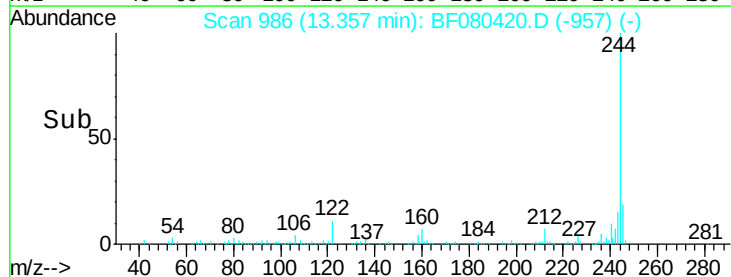
Abundance Ion 244.00 (243.70 to 244.70): E

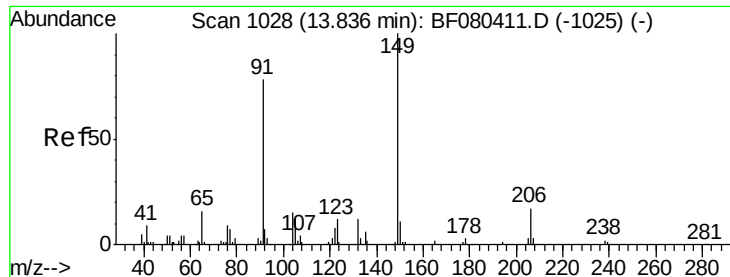
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.30 13.40

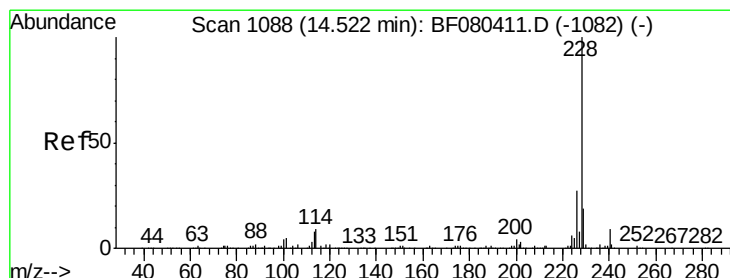
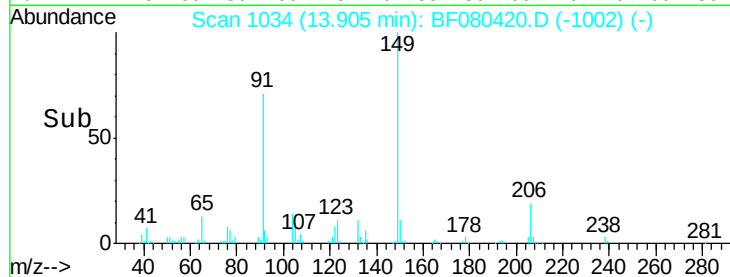
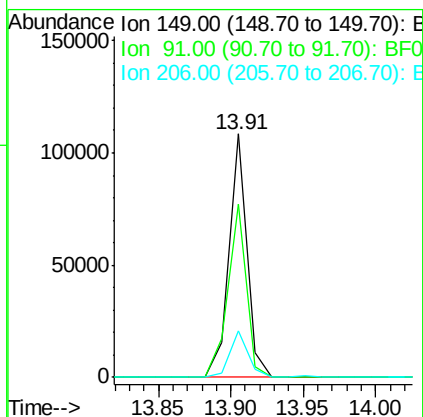
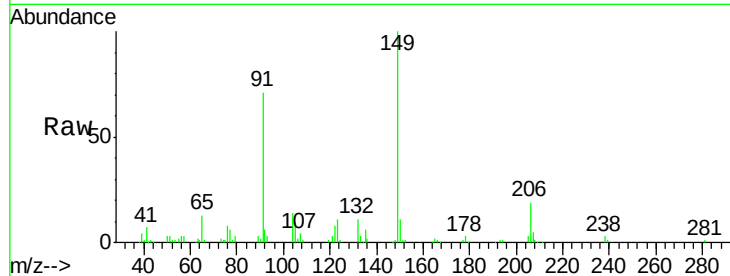




#79
Butylbenzylphthalate
Concen: 44.91 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.07 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

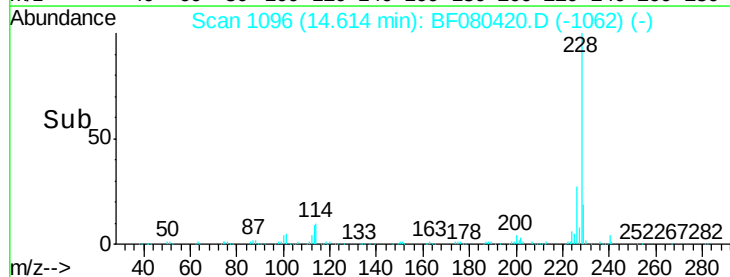
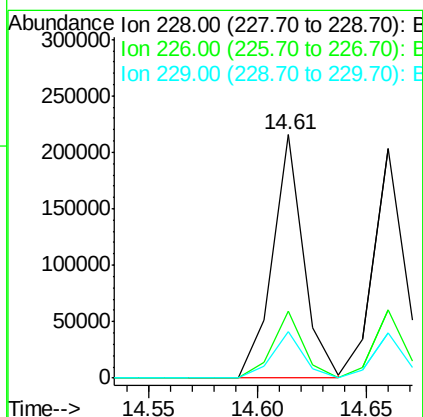
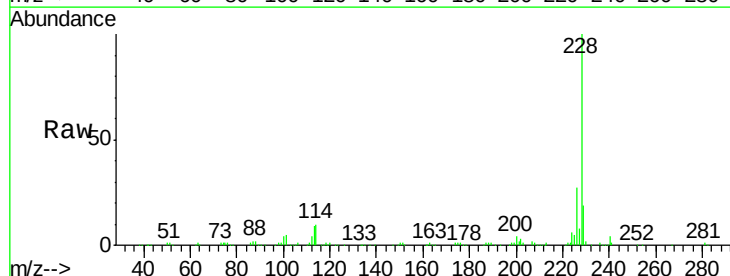
Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

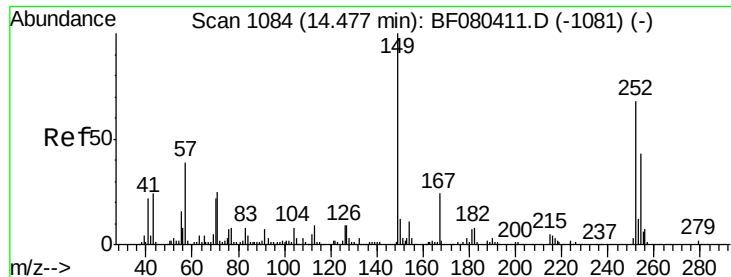
Tgt Ion:149 Resp: 93428
Ion Ratio Lower Upper
149 100
91 70.9 62.5 93.7
206 19.3 14.0 21.0



#80
Benzo(a)anthracene
Concen: 40.03 ng
RT: 14.61 min Scan# 1096
Delta R.T. 0.09 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion:228 Resp: 216075
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.2 15.5 23.3

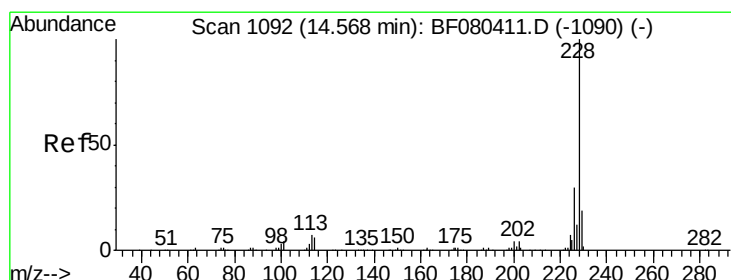
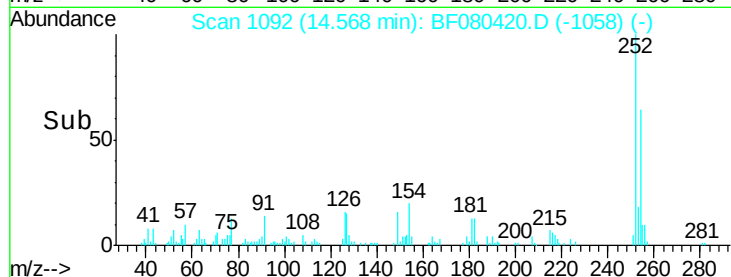
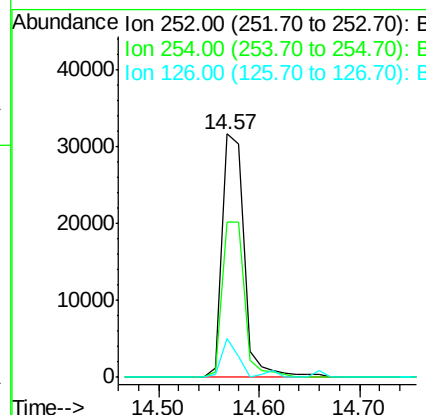
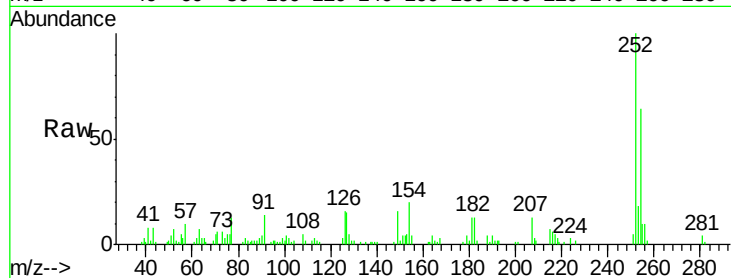




#81
 3,3'-Dichlorobenzidine
 Concen: 30.03 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.09 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

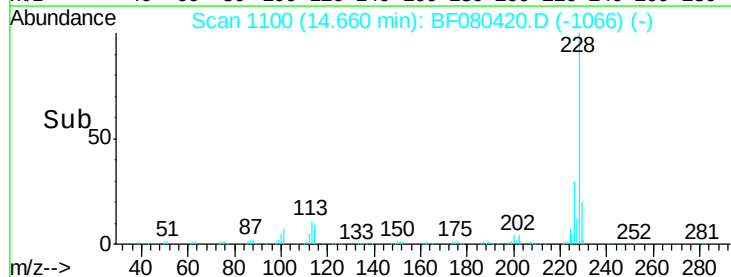
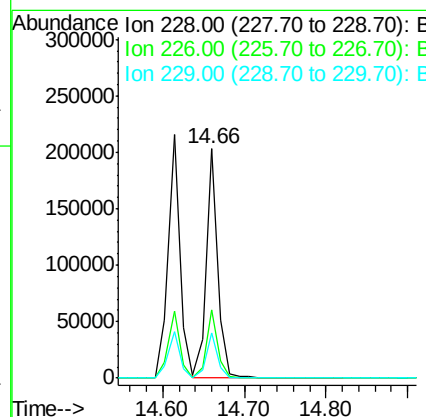
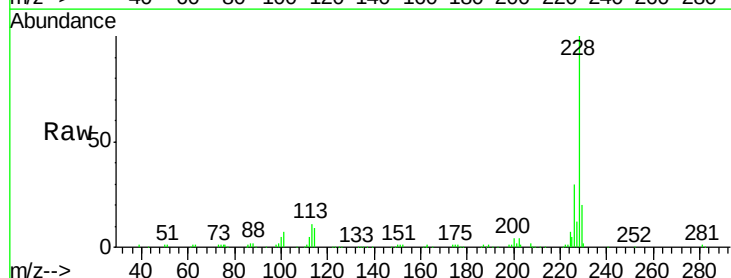
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

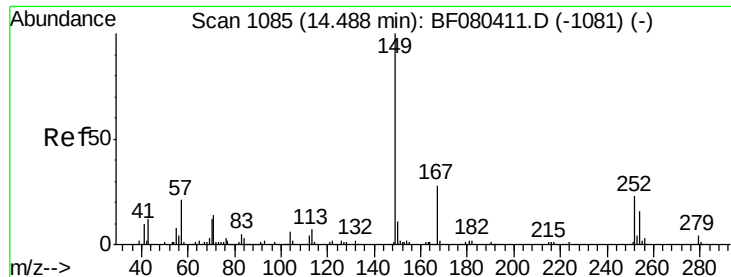
Tgt Ion: 252 Resp: 48469
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.6 76.0
 126 15.9 10.6 15.8#



#82
 Chrysene
 Concen: 41.30 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. 0.09 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion: 228 Resp: 205315
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 19.5 15.5 23.3

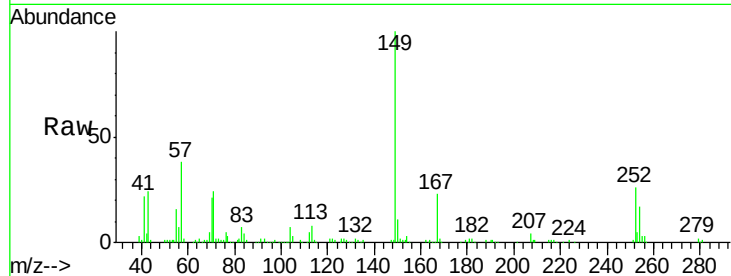




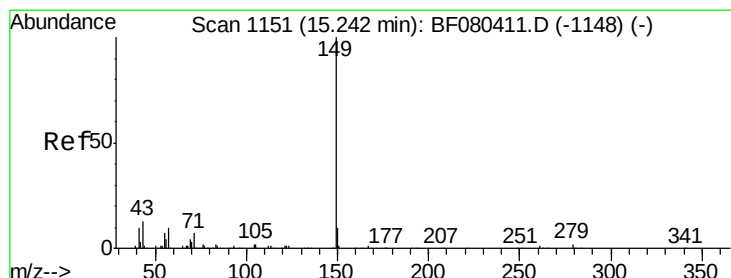
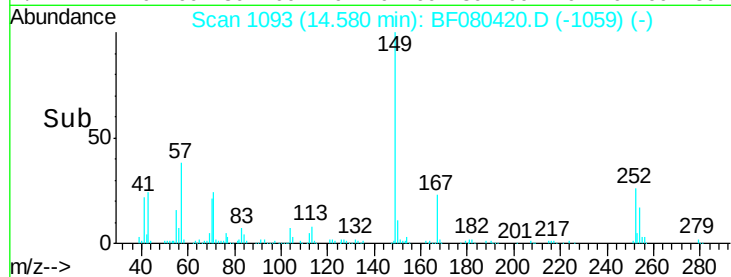
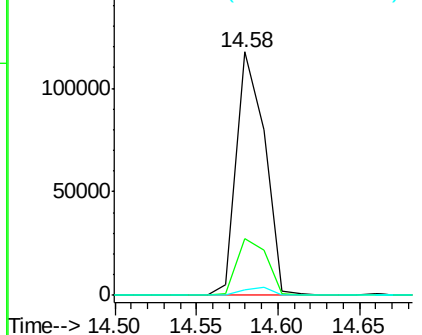
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.26 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. 0.09 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion:149 Resp: 141256
 Ion Ratio Lower Upper
 149 100
 167 23.1 22.5 33.7
 279 2.0 3.5 5.3#

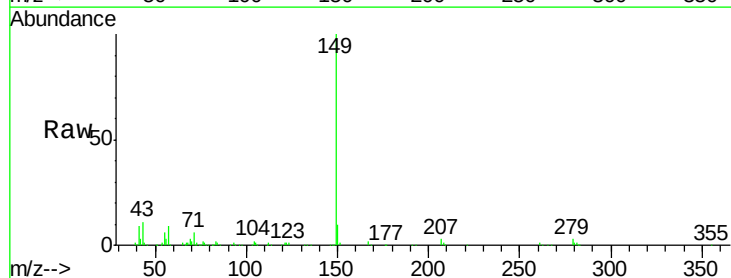


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

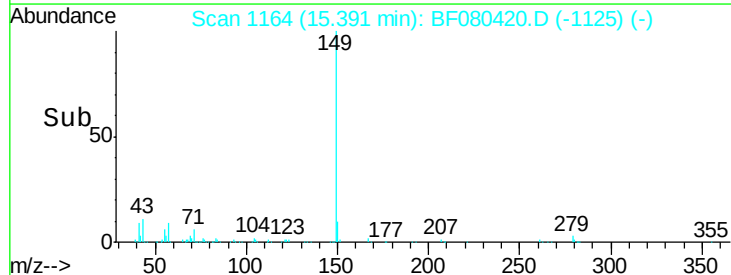
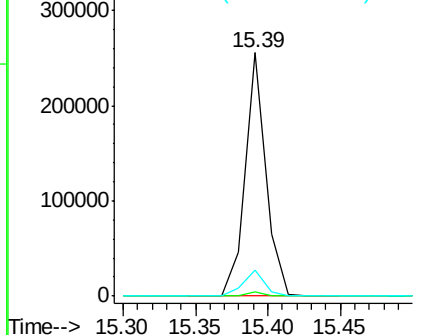


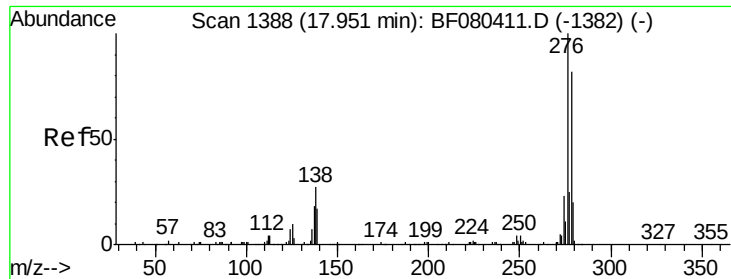
#84
 Di-n-octyl phthalate
 Concen: 44.21 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. 0.15 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion:149 Resp: 254261
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 9.0 13.6



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

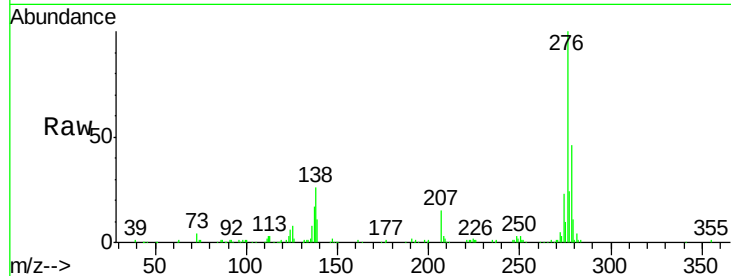




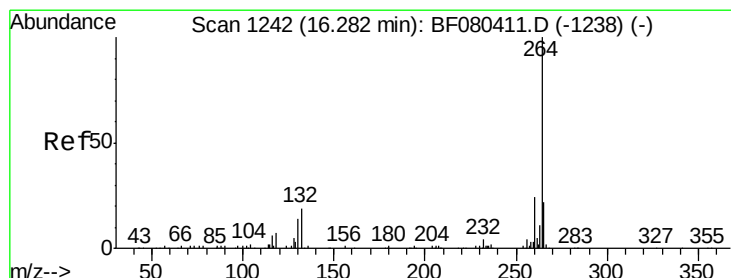
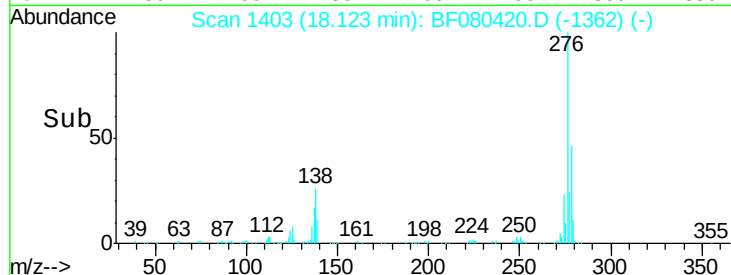
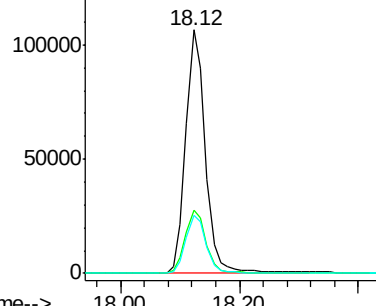
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.91 ng
 RT: 18.12 min Scan# 1403
 Delta R.T. 0.17 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.4	32.0
277	24.3	19.5	29.3

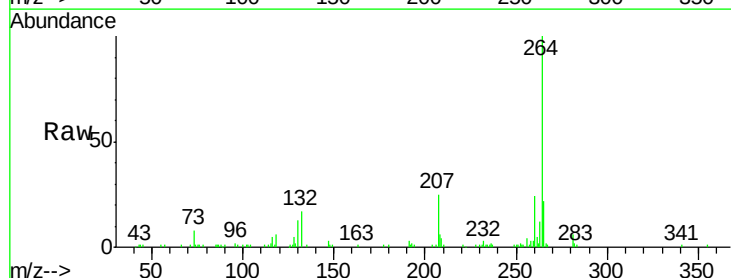


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

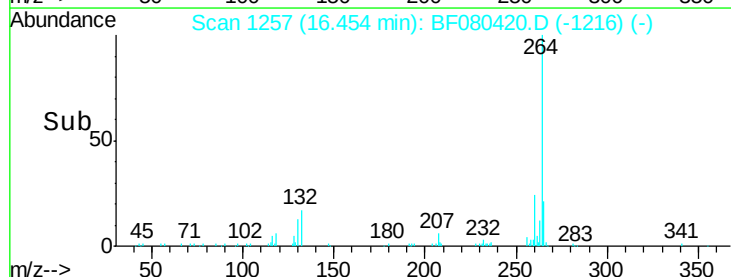
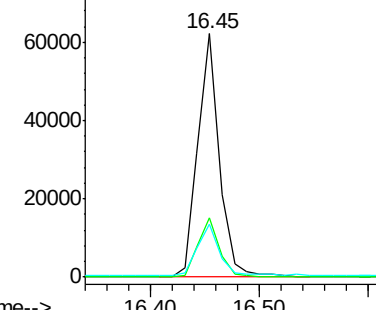


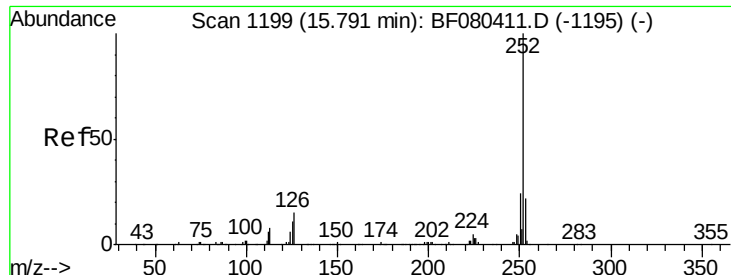
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.45 min Scan# 1257
 Delta R.T. 0.17 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.9	17.8	26.8



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

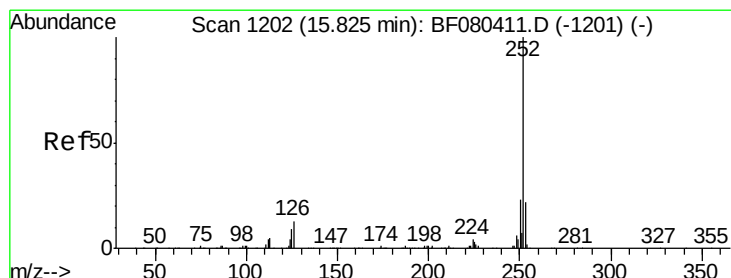
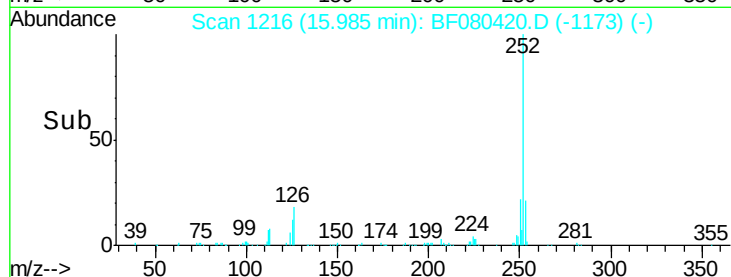
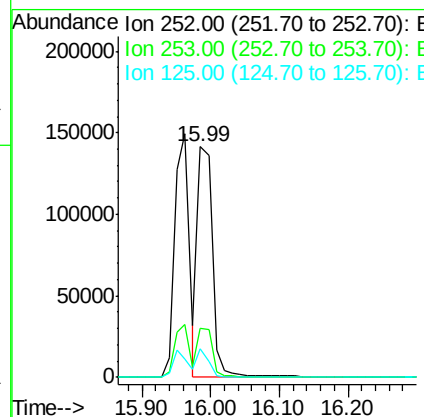
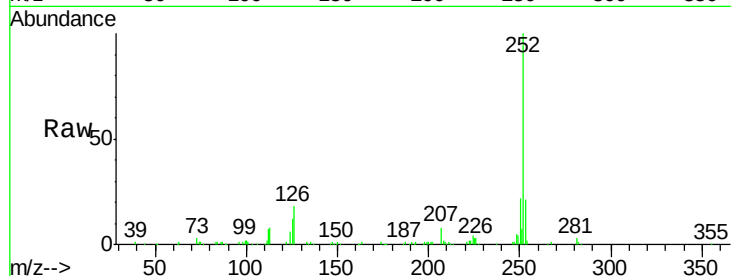




#87
Benzo(b)fluoranthene
Concen: 35.84 ng
RT: 15.99 min Scan# 1216
Delta R.T. 0.19 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

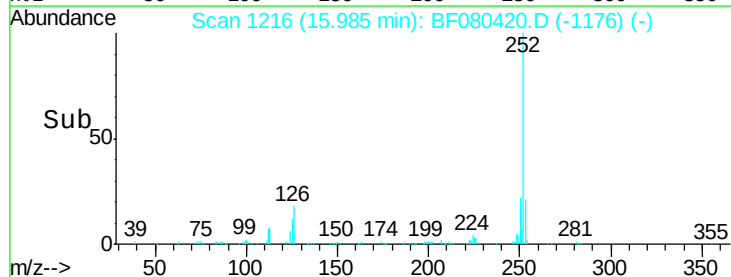
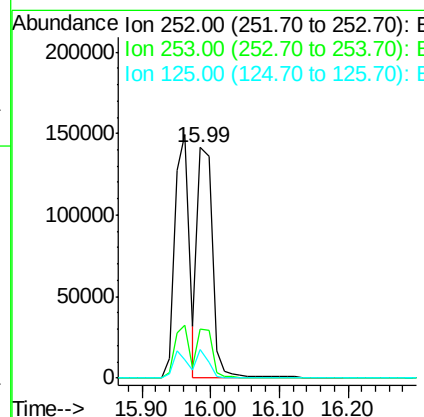
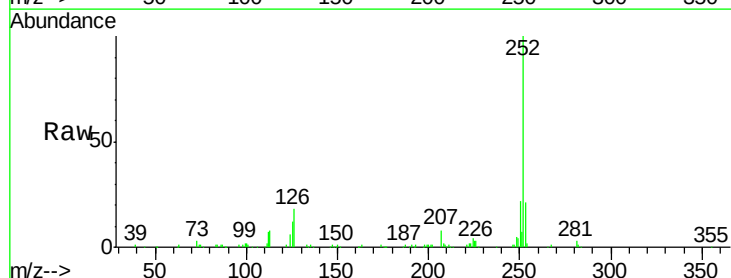
Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MSD

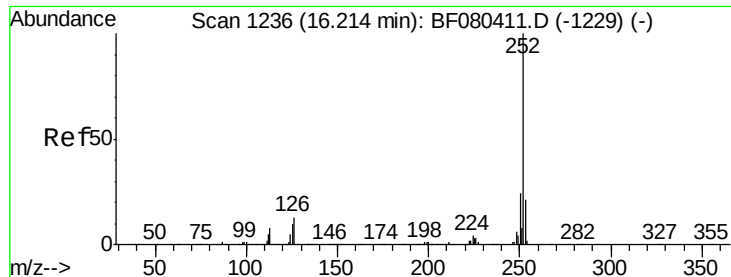
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	12.4	8.6	12.8



#88
Benzo(k)fluoranthene
Concen: 43.83 ng
RT: 15.99 min Scan# 1216
Delta R.T. 0.16 min
Lab File: BF080420.D
Acq: 11 Jul 2015 7:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	12.4	8.4	12.6





#89

Benzo(a)pyrene

Concen: 41.91 ng

RT: 16.37 min Scan# 1250

Delta R.T. 0.16 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Instrument :

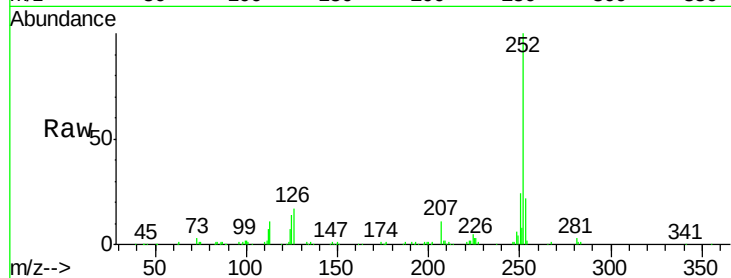
BNA_F

ClientSampleId :

DR-MQRIP-070915MSD

Tgt Ion: 252 Resp: 216264

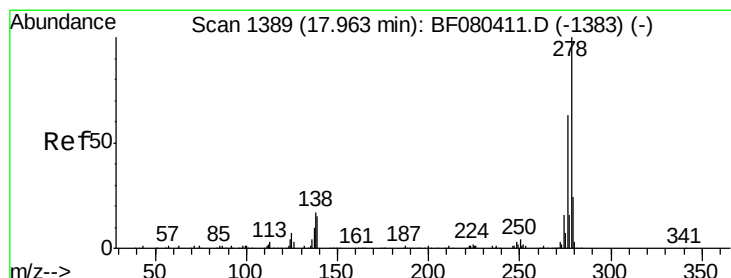
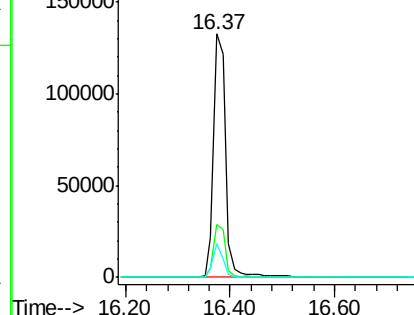
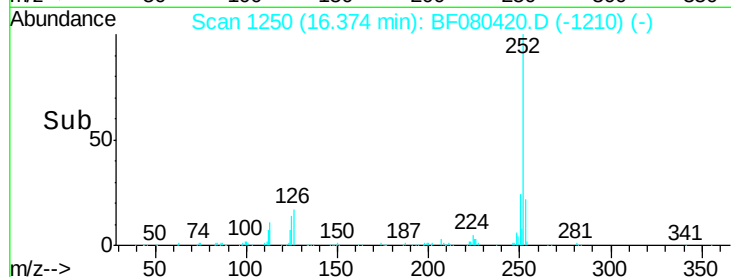
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.6	8.1	12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.61 ng

RT: 18.13 min Scan# 1404

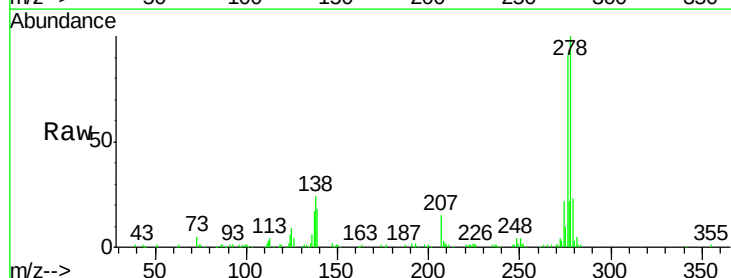
Delta R.T. 0.17 min

Lab File: BF080420.D

Acq: 11 Jul 2015 7:26

Tgt Ion: 278 Resp: 202438

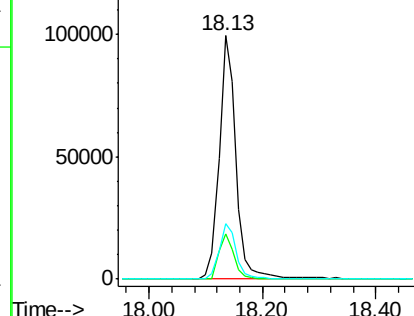
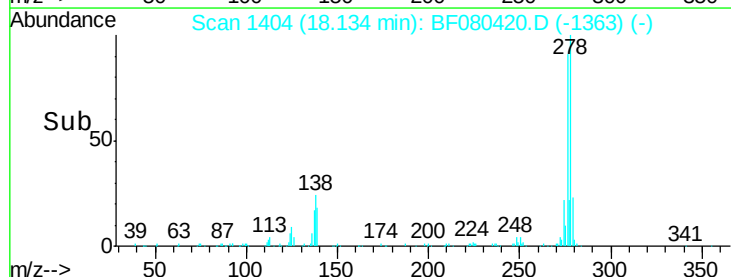
Ion	Ratio	Lower	Upper
278	100		
139	18.4	11.8	17.8#
279	23.0	18.8	28.2

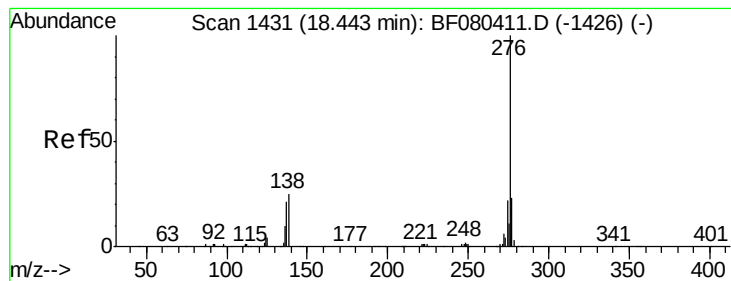


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.93 ng
 RT: 18.63 min Scan# 1447
 Delta R.T. 0.18 min
 Lab File: BF080420.D
 Acq: 11 Jul 2015 7:26

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MSD

Tgt Ion:	276	Resp:	207809
Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.4
138	24.4	20.3	30.5

