

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081794.D
 Acq On : 25 Sep 2015 8:09
 Operator : UM/IZ
 Sample : G3753-02MSDRE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Quant Time: Sep 25 11:21:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	151219	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	586226	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	280330	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	485531	20.00	ng	0.00
75) Chrysene-d12	14.12	240	293201	20.00	ng	0.00
86) Perylene-d12	15.59	264	341960	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1106281	123.76	ng	0.01
7) Phenol-d6	6.58	99	1362318	120.49	ng	0.01
23) Nitrobenzene-d5	7.52	82	840739	94.63	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	368897	151.57	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1440473	84.35	ng	0.00
78) Terphenyl-d14	13.06	244	1131047	88.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	140917	31.85	ng	90
3) Pyridine	3.45	79	59862	4.80	ng	93
4) n-Nitrosodimethylamine	3.39	42	216196	36.70	ng	99
6) Aniline	6.62	93	227644	13.45	ng	92
8) 2-Chlorophenol	6.74	128	404741	41.09	ng	93
9) Benzaldehyde	6.50	77	157317	23.54	ng	# 85
10) Phenol	6.59	94	568766	43.31	ng	71
11) bis(2-Chloroethyl)ether	6.70	93	424744	44.10	ng	89
12) 1,3-Dichlorobenzene	7.13	146	420999	36.12	ng	98
13) 1,4-Dichlorobenzene	7.13	146	421034	35.70	ng	99
14) 1,2-Dichlorobenzene	7.13	146	421034	38.38	ng	98
15) Benzyl Alcohol	7.10	79	405990	45.53	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.23	45	699608	42.46	ng	88
17) 2-Methylphenol	7.20	107	340897	40.98	ng	# 84
18) Hexachloroethane	7.46	117	156932	40.87	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	297499	39.47	ng	# 80
20) 3+4-Methylphenols	7.36	107	445706	42.64	ng	# 72
22) Acetophenone	7.37	105	576096	44.81	ng	# 85
24) Nitrobenzene	7.54	77	496879	50.13	ng	# 73
25) Isophorone	7.78	82	847887	43.08	ng	# 94
26) 2-Nitrophenol	7.85	139	202675	56.29	ng	# 52
27) 2,4-Dimethylphenol	7.89	122	377357	42.27	ng	# 78
28) bis(2-Chloroethoxy)methane	7.99	93	475360	41.34	ng	# 94
29) 2,4-Dichlorophenol	8.09	162	362047	43.56	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	415086	44.50	ng	98
31) Naphthalene	8.26	128	1133014	41.90	ng	96
32) Benzoic acid	7.99	122	140154	80.64	ng	# 66
33) 4-Chloroaniline	8.31	127	177558	14.96	ng	# 91
34) Hexachlorobutadiene	8.38	225	246536	44.81	ng	98
35) Caprolactam	8.69	113	68750	30.97	ng	86
36) 4-Chloro-3-methylphenol	8.79	107	396201	47.58	ng	89
37) 2-Methylnaphthalene	8.95	142	787318	40.85	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	406853	45.47	ng	99
40) Hexachlorocyclopentadiene	9.11	237	342396	89.29	ng	97

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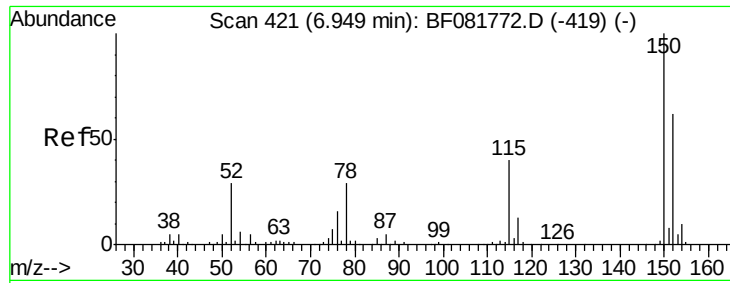
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	258309	43.82	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	277974	47.93	ng	95
45) 1,1'-Biphenyl	9.42	154	948282	43.26	ng	93
46) 2-Chloronaphthalene	9.44	162	718872	40.77	ng	# 93
47) 2-Nitroaniline	9.53	65	222235	47.39	ng	# 69
48) Acenaphthylene	9.86	152	1259162	42.20	ng	96
49) Dimethylphthalate	9.73	163	1360519	63.78	ng	# 98
50) 2,6-Dinitrotoluene	9.78	165	217709	52.88	ng	# 84
51) Acenaphthene	10.03	154	812572	47.25	ng	90
52) 3-Nitroaniline	9.94	138	145140	32.50	ng	# 60
53) 2,4-Dinitrophenol	10.06	184	121337	110.19	ng	# 74
54) Dibenzofuran	10.21	168	1139544	45.17	ng	93
55) 4-Nitrophenol	10.10	139	322572	104.74	ng	# 56
56) 2,4-Dinitrotoluene	10.18	165	264941	53.75	ng	# 86
57) Fluorene	10.55	166	806339	41.65	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.32	232	225493	50.93	ng	93
59) Diethylphthalate	10.42	149	918356	44.45	ng	94
60) 4-Chlorophenyl-phenylether	10.54	204	402329	45.27	ng	94
61) 4-Nitroaniline	10.56	138	145096	33.45	ng	# 48
62) Azobenzene	10.70	77	911286	43.14	ng	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	83895	63.31	ng	88
65) n-Nitrosodiphenylamine	10.65	169	667484	40.77	ng	92
66) 4-Bromophenyl-phenylether	11.03	248	265911	49.19	ng	# 90
67) Hexachlorobenzene	11.09	284	251569	44.60	ng	# 93
68) Atrazine	11.18	200	216352	44.19	ng	83
69) Pentachlorophenol	11.28	266	281003	89.40	ng	99
70) Phenanthrene	11.56	178	1076307	38.77	ng	96
71) Anthracene	11.56	178	1076307	40.24	ng	96
72) Carbazole	11.72	167	1040375	41.90	ng	96
73) Di-n-butylphthalate	12.04	149	1298479	42.96	ng	# 97
74) Fluoranthene	12.70	202	1435040	51.30	ng	86
77) Pyrene	12.93	202	1308707	59.20	ng	# 95
79) Butylbenzylphthalate	13.54	149	454696	51.61	ng	# 87
80) Benzo(a)anthracene	14.10	228	896527	50.43	ng	94
81) 3,3'-Dichlorobenzidine	14.07	252	79224	14.03	ng	# 95
82) Chrysene	14.15	228	877467	51.46	ng	94
83) Bis(2-ethylhexyl)phthalate	14.09	149	583663	54.64	ng	# 93
84) Di-n-octyl phthalate	14.71	149	997630	63.51	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.06	276	973620	62.37	ng	# 87
87) Benzo(b)fluoranthene	15.19	252	1767507	87.16	ng	# 87
88) Benzo(k)fluoranthene	15.19	252	1767507	90.49	ng	# 88
90) Dibenzo(a,h)anthracene	17.09	278	753544	39.49	ng	# 80
91) Benzo(g,h,i)perylene	17.52	276	802015	40.77	ng	# 74

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

[illegible]



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

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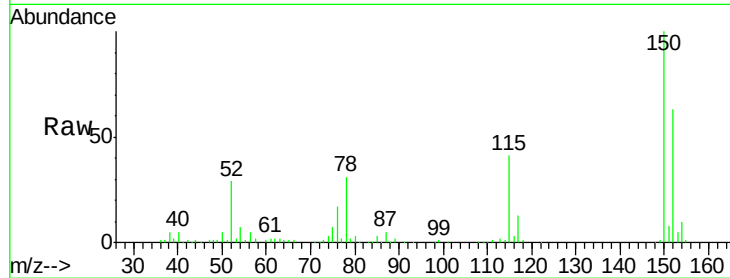
Tgt Ion:152 Resp: 151219

Ion Ratio Lower Upper

152 100

150 159.5 124.7 187.1

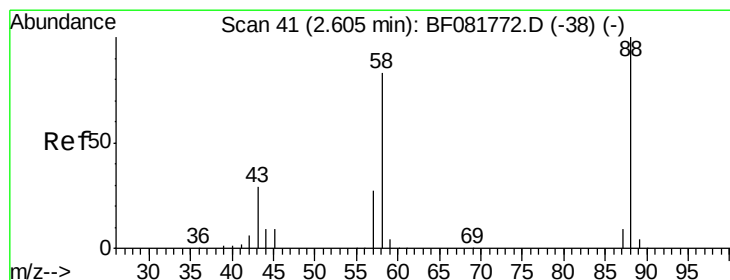
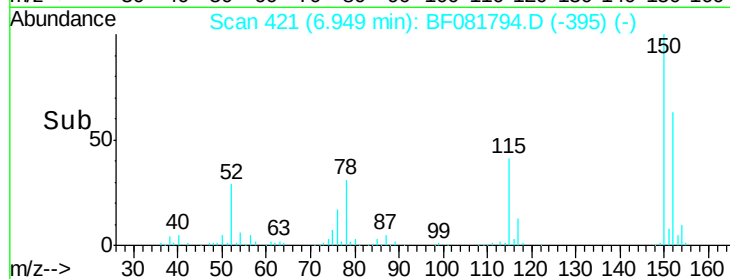
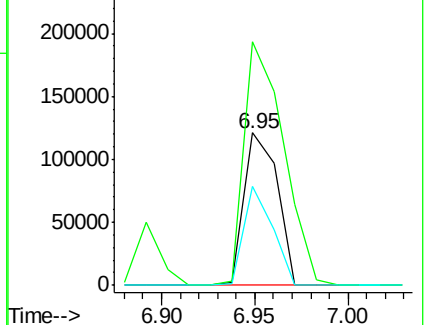
115 65.1 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.85 ng

RT: 2.67 min Scan# 47

Delta R.T. 0.07 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

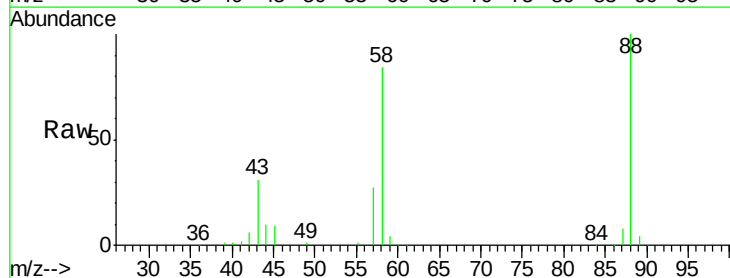
Tgt Ion: 88 Resp: 140917

Ion Ratio Lower Upper

88 100

58 85.8 77.7 116.5

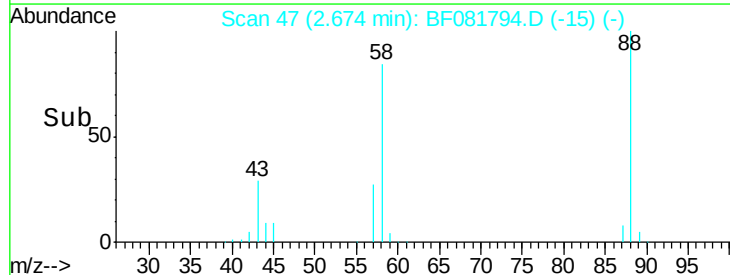
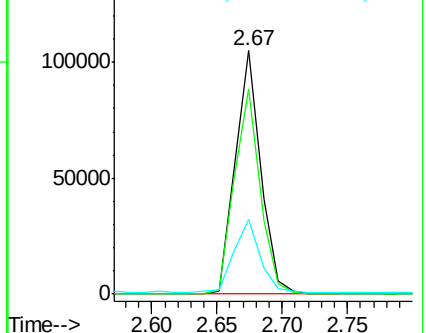
43 30.9 26.6 40.0

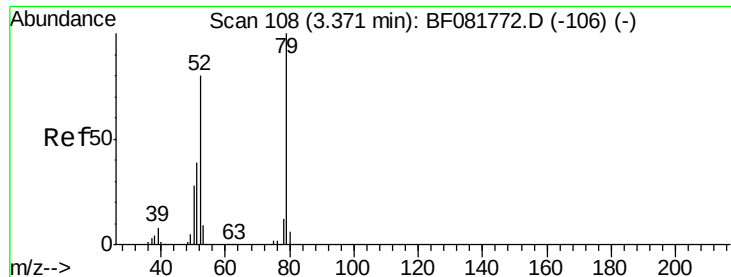


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 4.80 ng

RT: 3.45 min Scan# 115

Delta R.T. 0.08 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

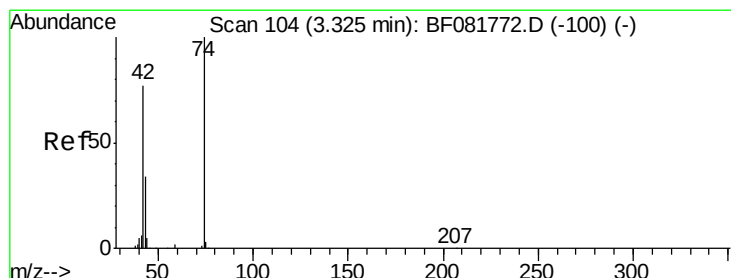
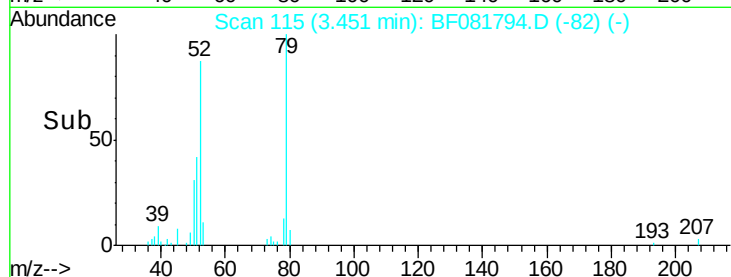
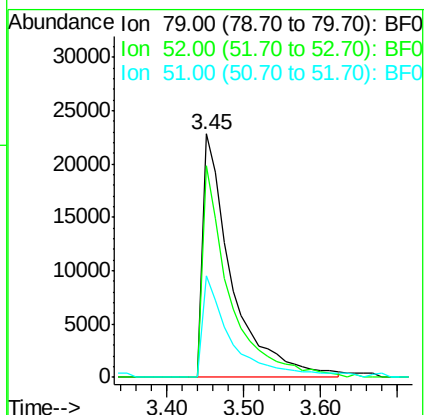
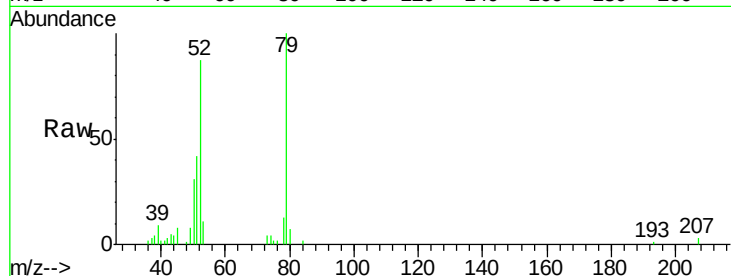
Tgt Ion: 79 Resp: 59862

Ion Ratio Lower Upper

79 100

52 87.0 76.8 115.2

51 41.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 36.70 ng

RT: 3.39 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

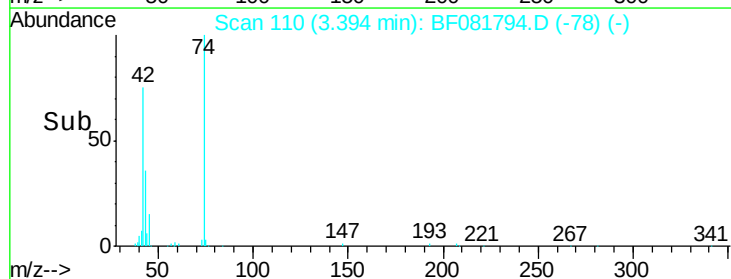
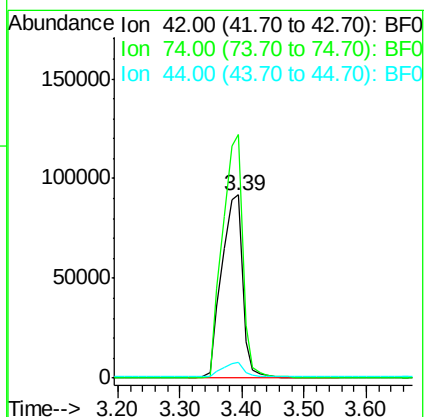
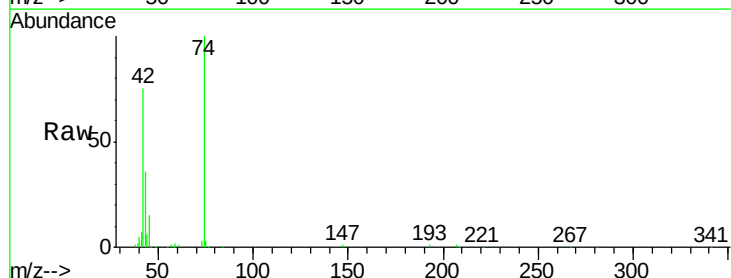
Tgt Ion: 42 Resp: 216196

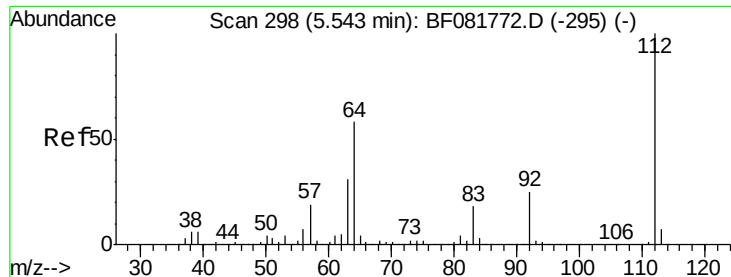
Ion Ratio Lower Upper

42 100

74 132.8 105.0 157.6

44 8.3 6.6 10.0





#5

2-Fluorophenol

Concen: 123.76 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

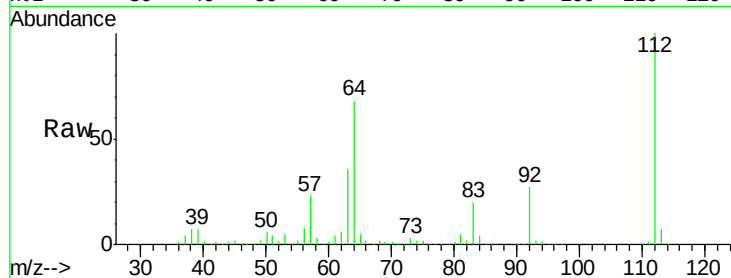
Tgt Ion: 112 Resp: 1106281

Ion Ratio Lower Upper

112 100

64 68.0 39.7 59.5#

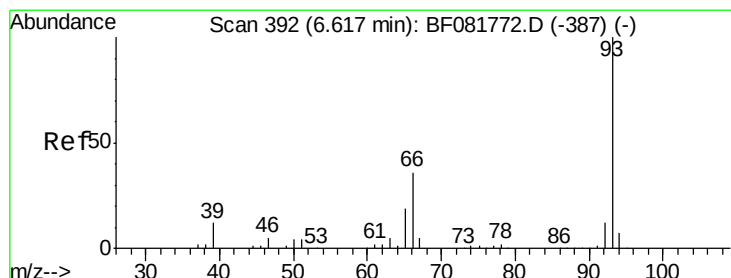
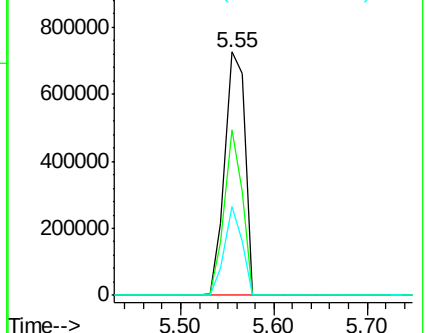
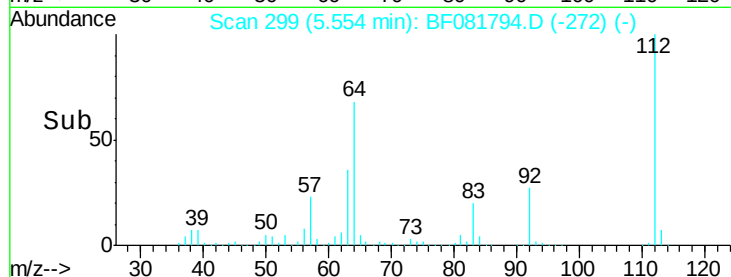
63 36.2 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.45 ng

RT: 6.62 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

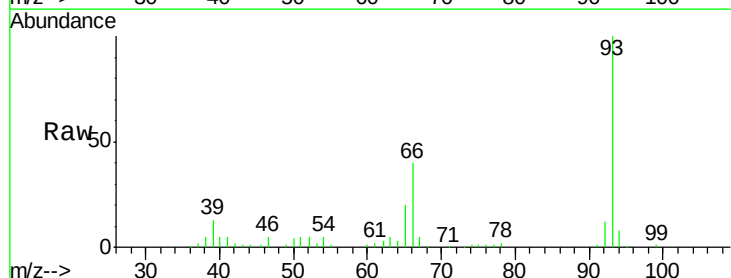
Tgt Ion: 93 Resp: 227644

Ion Ratio Lower Upper

93 100

66 39.6 27.2 40.8

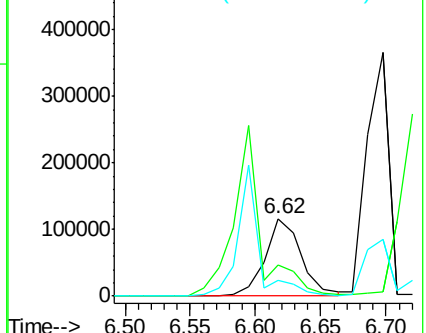
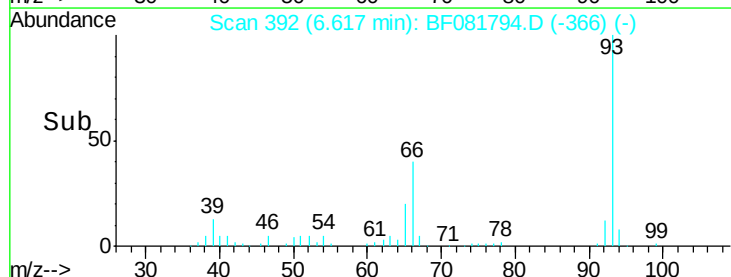
65 19.9 14.7 22.1

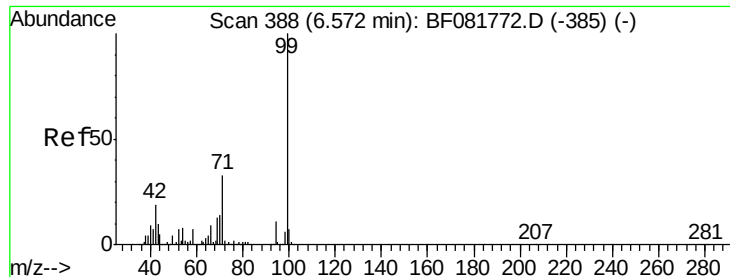


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.49 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF081794.D

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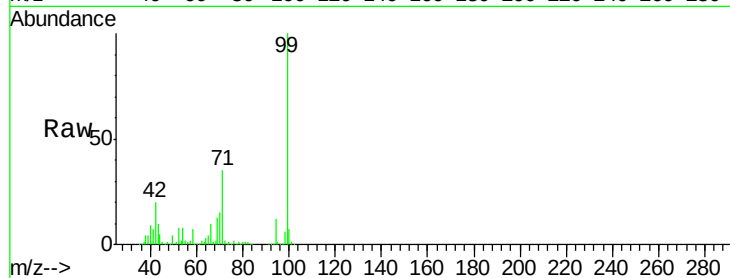
Tgt Ion: 99 Resp: 1362318

Ion Ratio Lower Upper

99 100

42 20.1 13.7 20.5

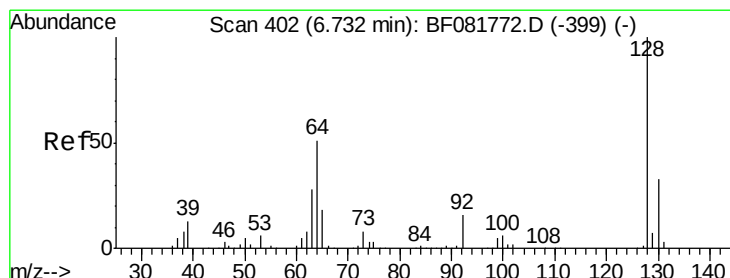
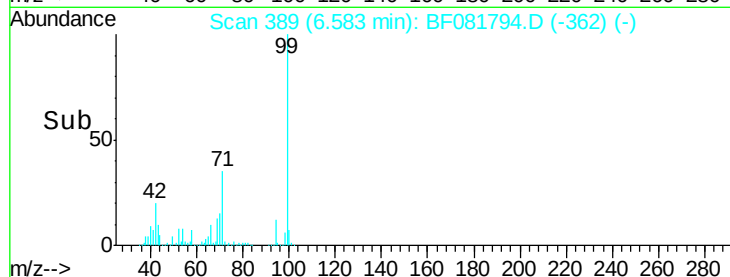
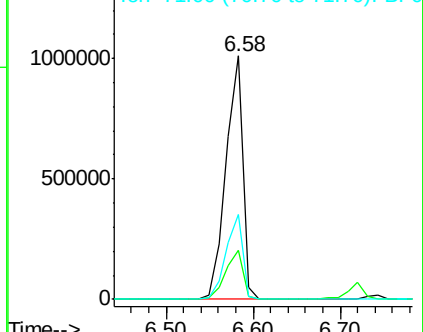
71 35.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.09 ng

RT: 6.74 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

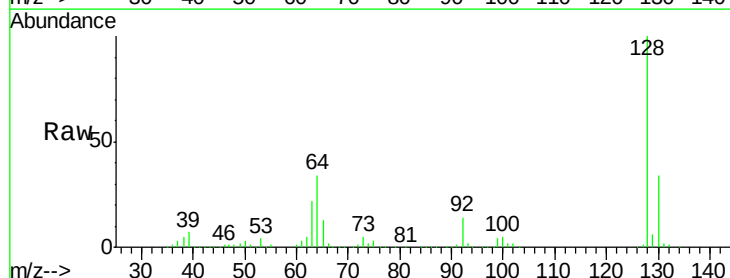
Tgt Ion: 128 Resp: 404741

Ion Ratio Lower Upper

128 100

130 34.0 12.2 52.2

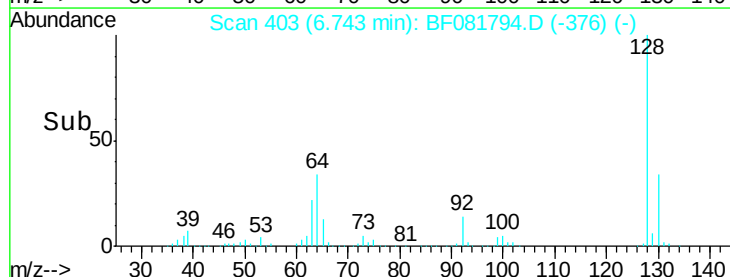
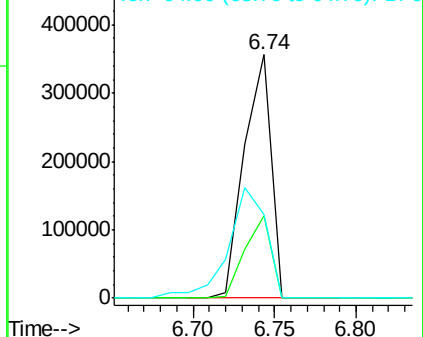
64 34.4 20.5 60.5

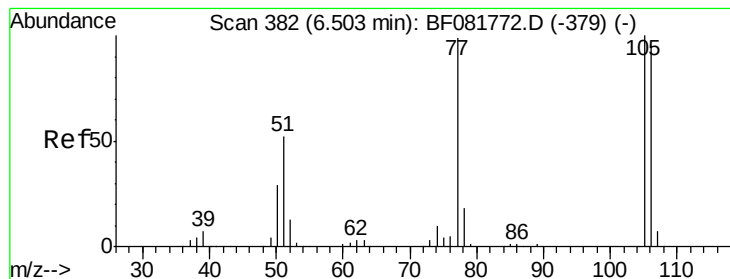


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.54 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

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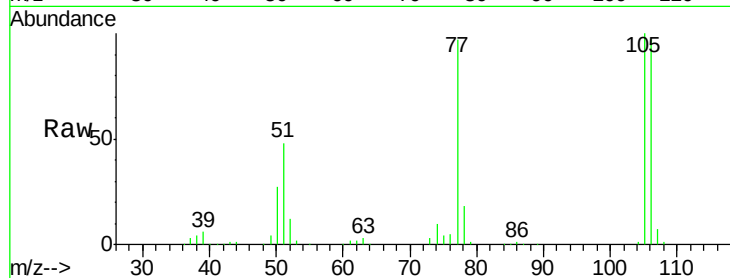
Tgt Ion: 77 Resp: 157317

Ion Ratio Lower Upper

77 100

105 103.0 91.6 131.6

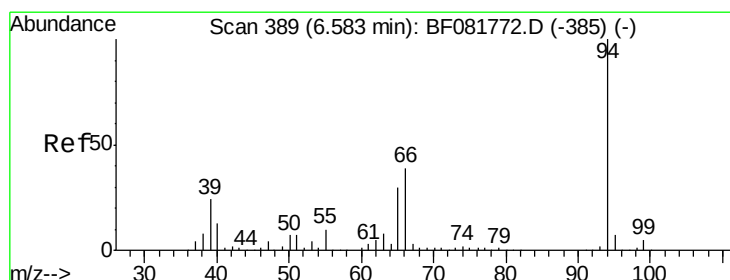
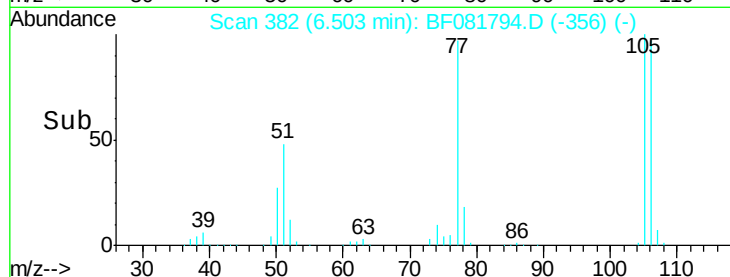
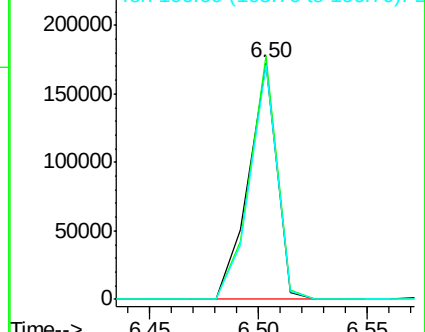
106 99.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.31 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

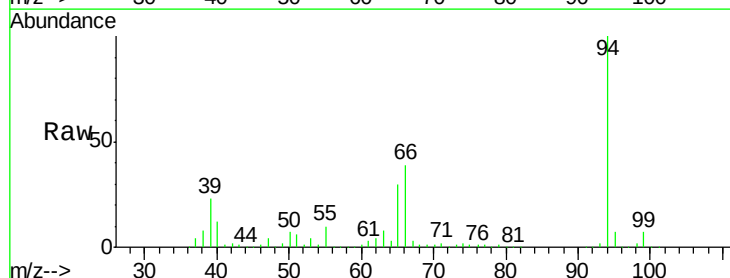
Tgt Ion: 94 Resp: 568766

Ion Ratio Lower Upper

94 100

65 29.7 0.7 40.7

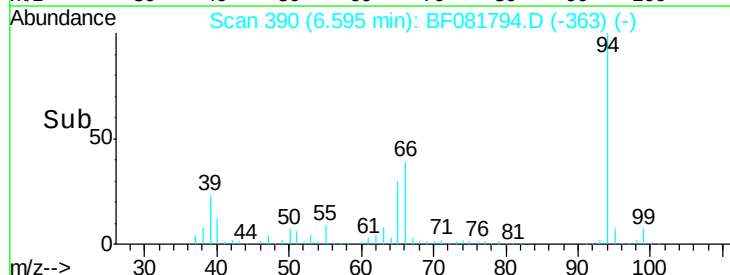
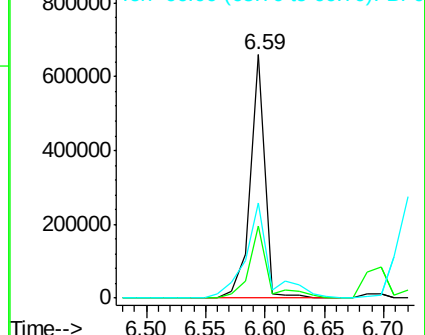
66 38.9 0.8 40.8

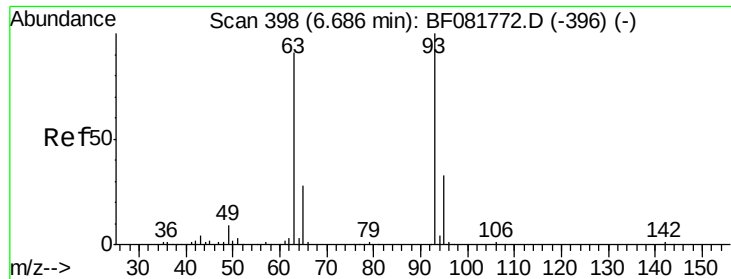


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

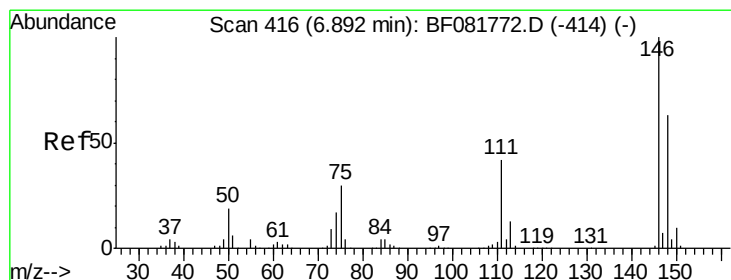
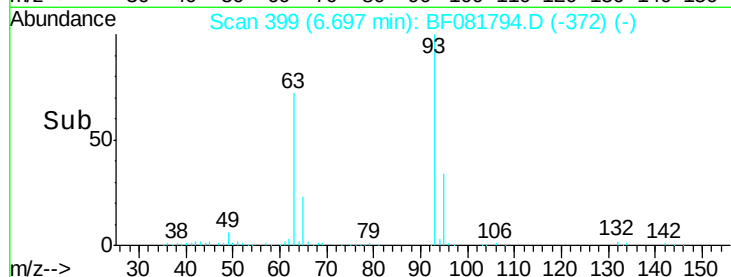
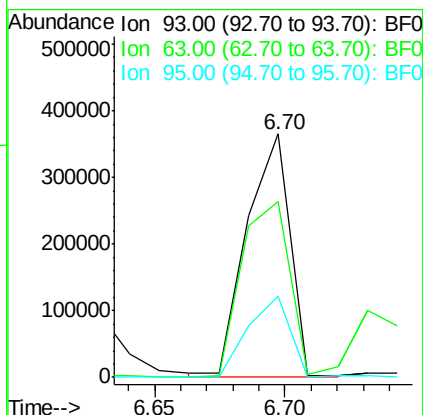
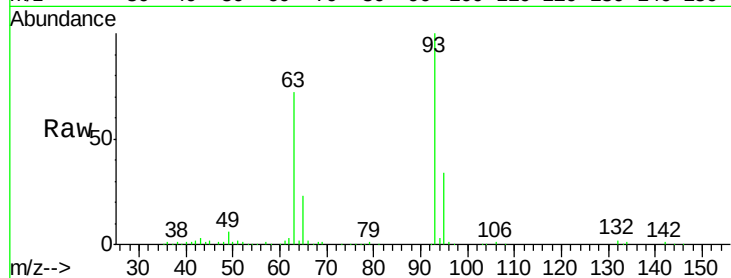




#11
 bis(2-Chloroethyl)ether
 Concen: 44.10 ng
 RT: 6.70 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

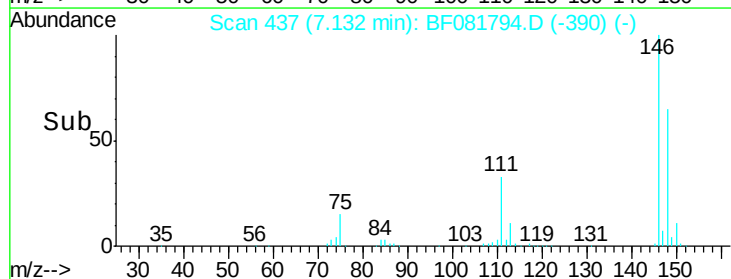
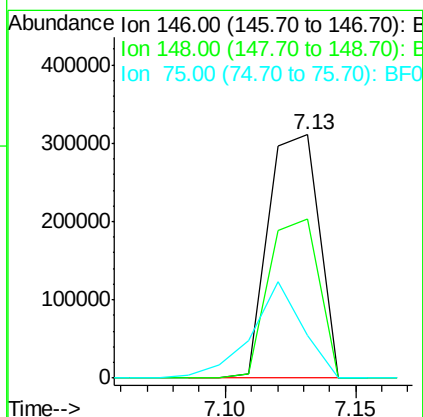
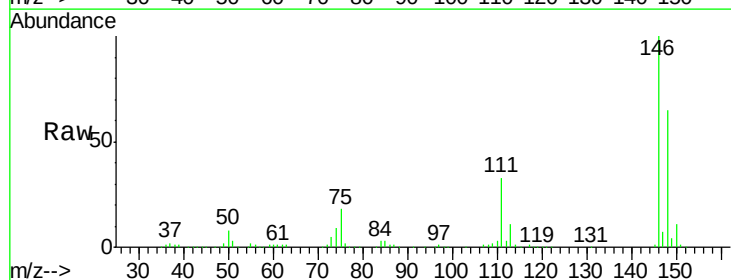
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

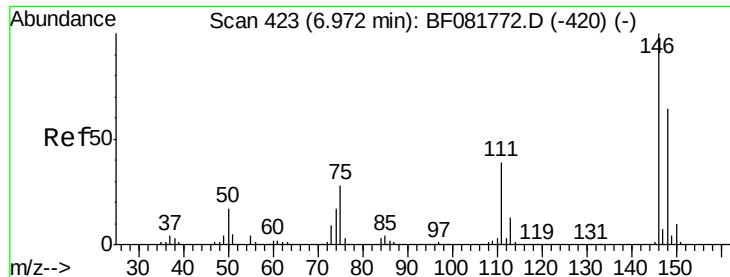
Tgt Ion: 93 Resp: 424744
 Ion Ratio Lower Upper
 93 100
 63 72.2 65.6 105.6
 95 33.5 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 36.12 ng
 RT: 7.13 min Scan# 437
 Delta R.T. 0.24 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion: 146 Resp: 420999
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.4
 75 17.6 15.0 22.6

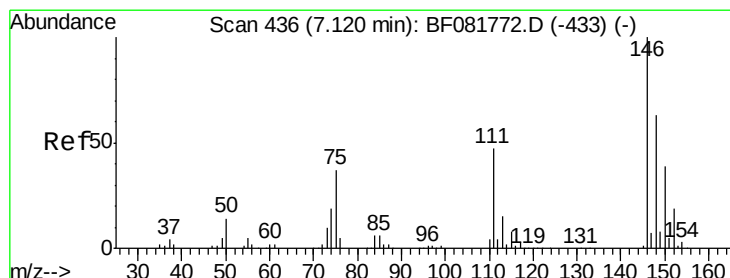
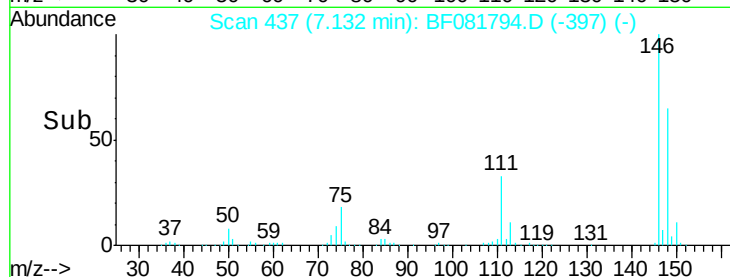
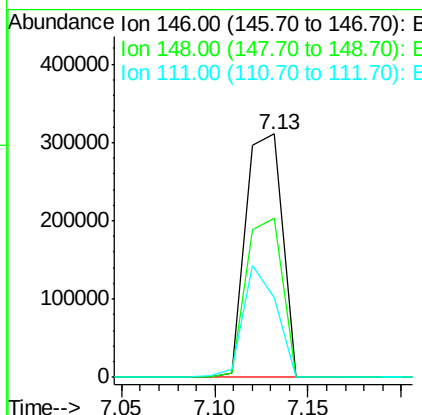
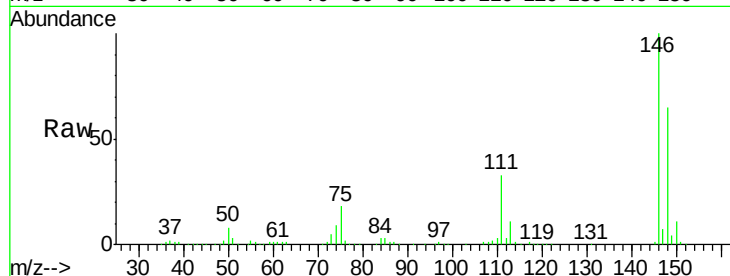




#13
 1,4-Dichlorobenzene
 Concen: 35.70 ng
 RT: 7.13 min Scan# 437
 Delta R.T. 0.16 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

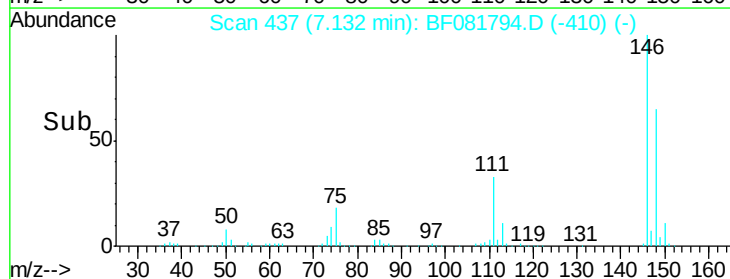
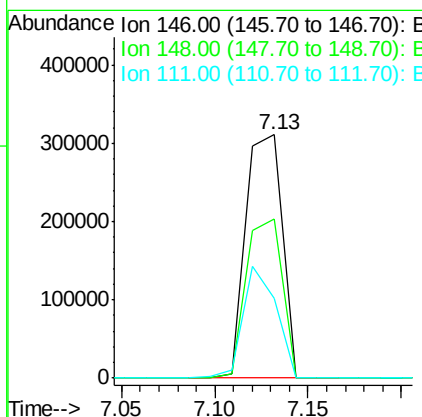
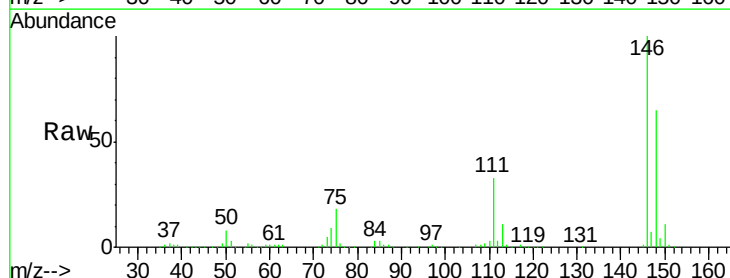
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

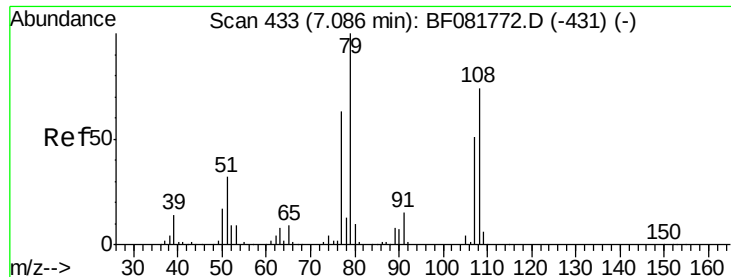
Tgt Ion:146 Resp: 421034
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 111 32.9 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 38.38 ng
 RT: 7.13 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:146 Resp: 421034
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 32.9 28.8 43.2





#15

Benzyl Alcohol

Concen: 45.53 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

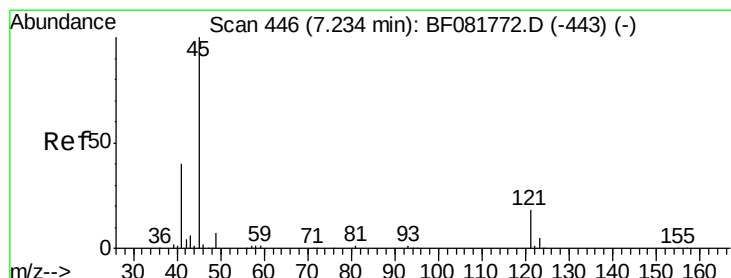
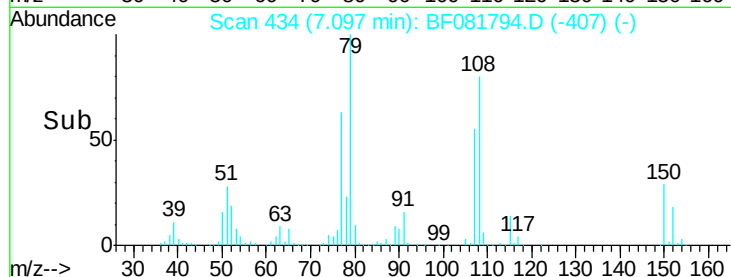
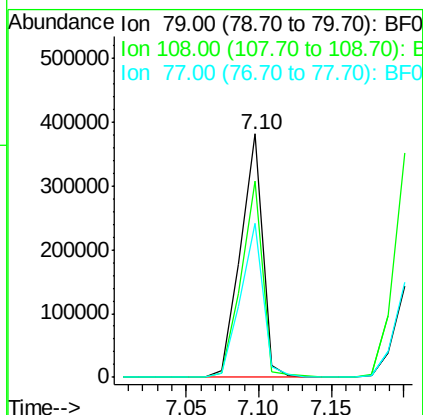
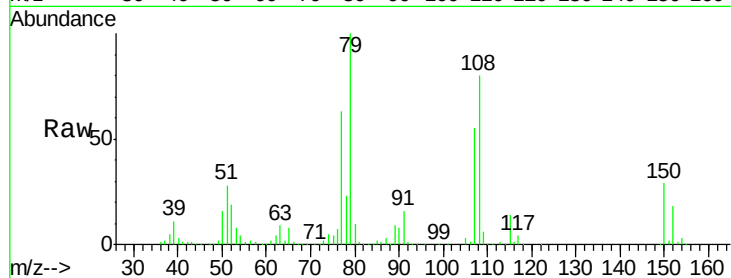
Tgt Ion: 79 Resp: 405990

Ion Ratio Lower Upper

79 100

108 80.5 88.6 132.8#

77 63.5 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.46 ng

RT: 7.23 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

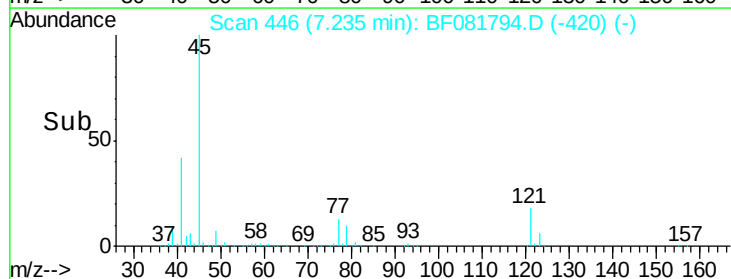
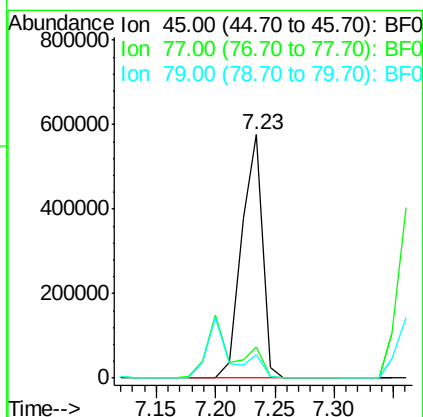
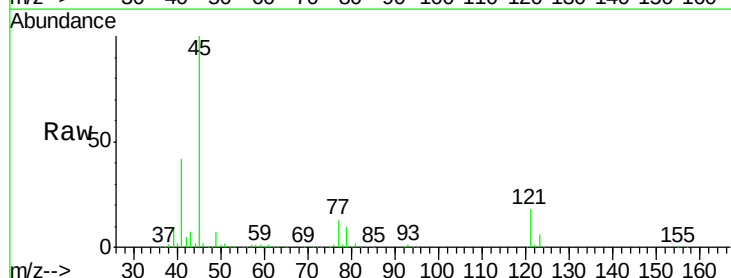
Tgt Ion: 45 Resp: 699608

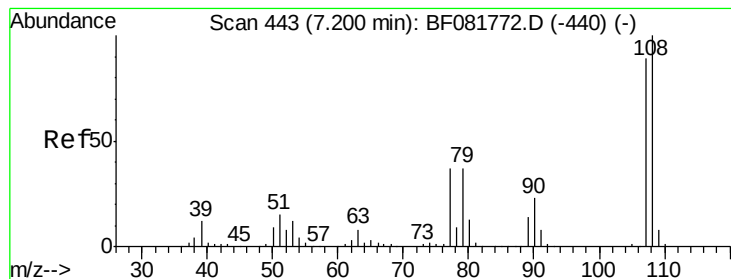
Ion Ratio Lower Upper

45 100

77 12.7 0.0 28.1

79 9.9 0.0 26.0





#17

2-Methylphenol

Concen: 40.98 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion:107 Resp: 340897

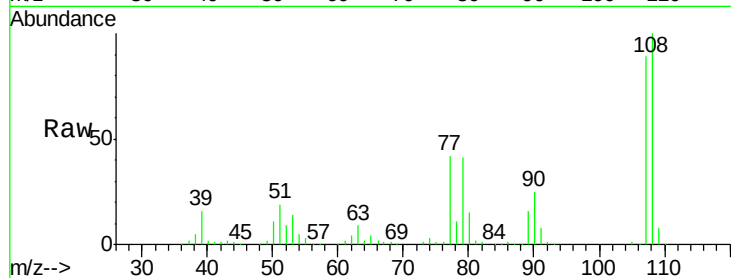
Ion Ratio Lower Upper

107 100

108 112.4 96.6 145.0

77 47.7 23.3 34.9#

79 45.8 22.0 33.0#

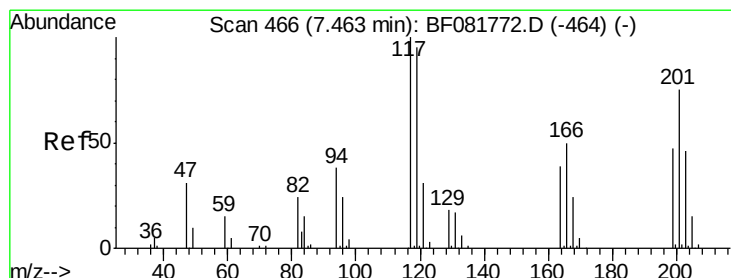
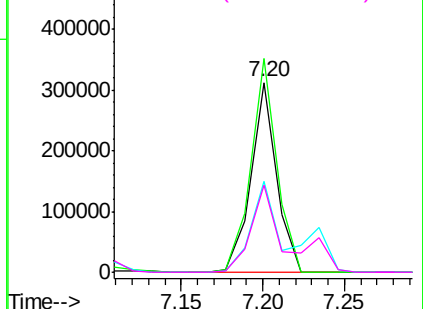
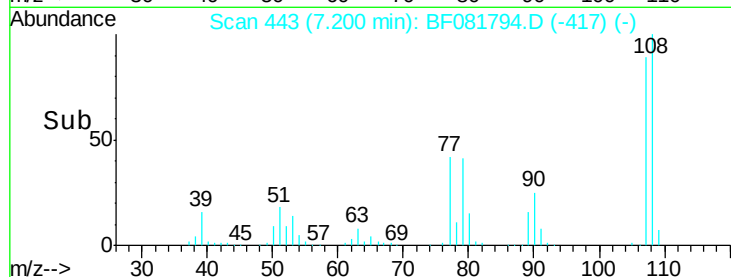


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.87 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

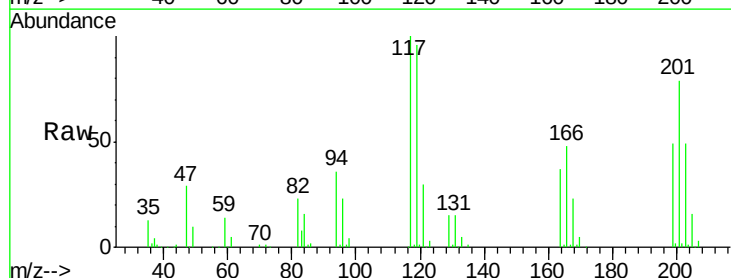
Tgt Ion:117 Resp: 156932

Ion Ratio Lower Upper

117 100

119 95.9 83.8 125.6

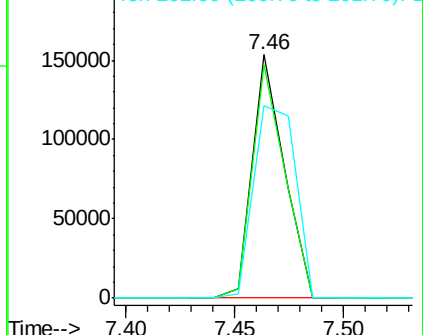
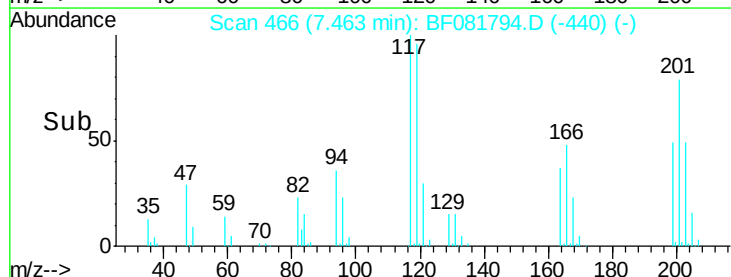
201 79.0 55.1 82.7

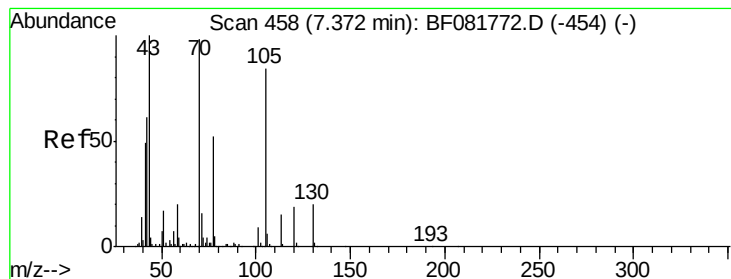


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.47 ng

RT: 7.37 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion: 70 Resp: 297499

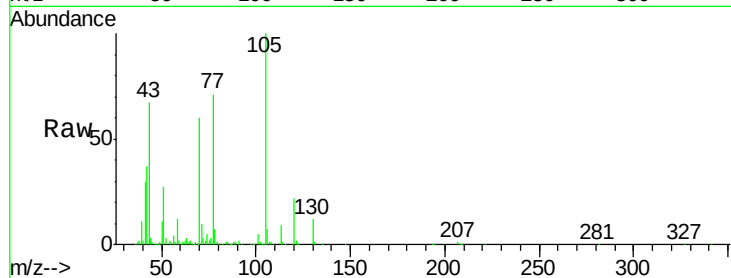
Ion Ratio Lower Upper

70 100

42 62.6 63.8 95.6#

101 9.2 9.2 13.8#

130 19.5 27.3 40.9#



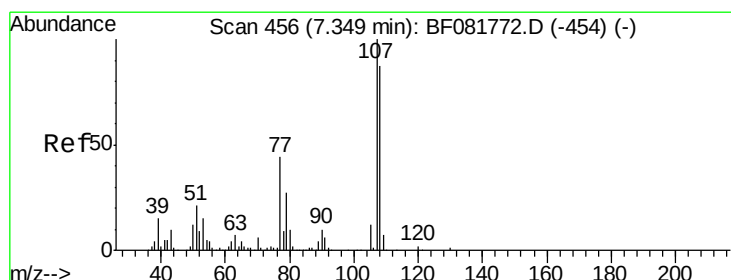
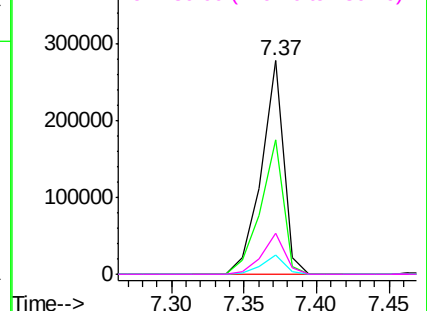
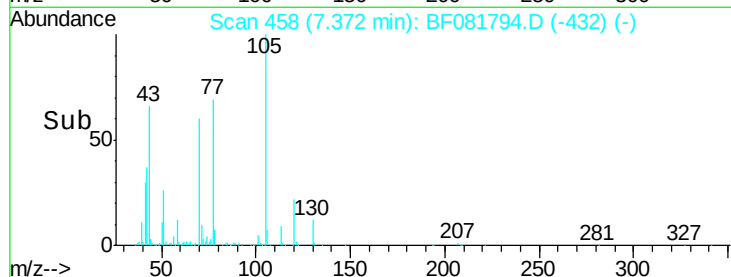
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.64 ng

RT: 7.36 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion: 107 Resp: 445706

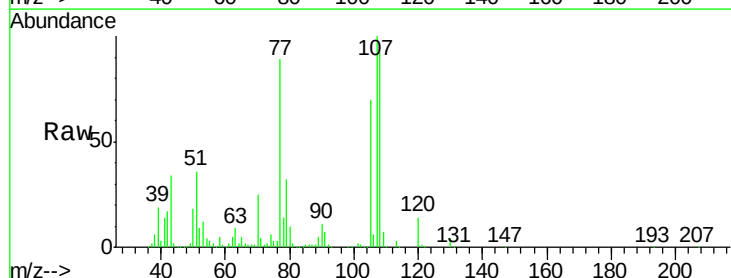
Ion Ratio Lower Upper

107 100

108 92.5 74.6 114.6

77 88.7 0.7 40.7#

79 31.8 0.0 38.9



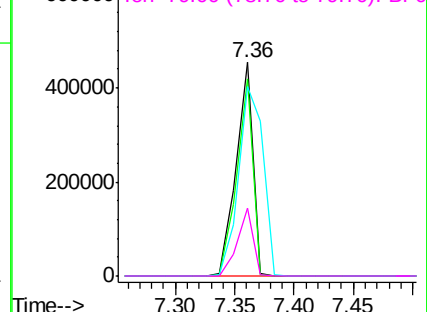
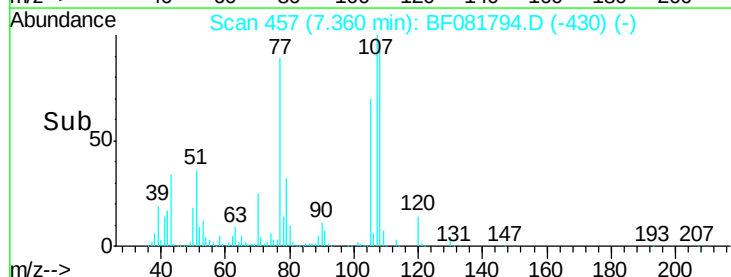
Abundance

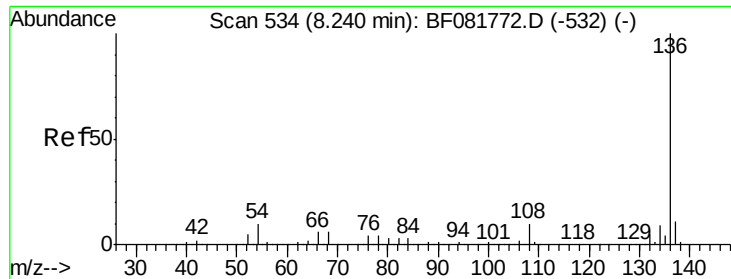
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

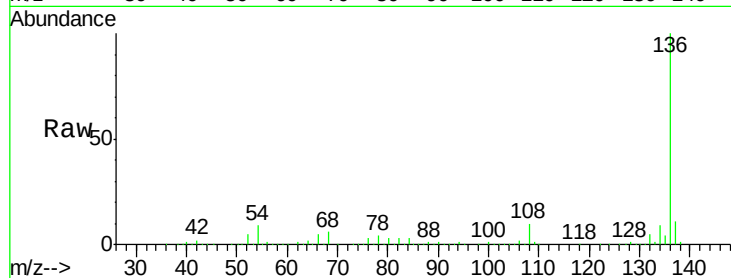




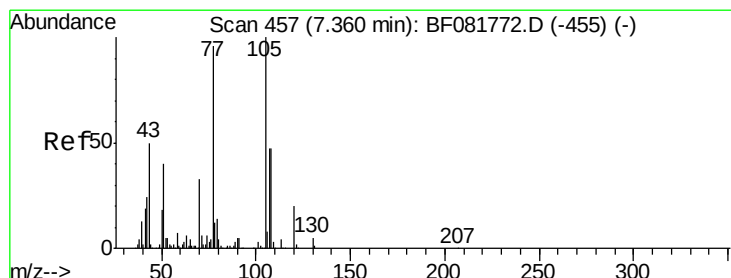
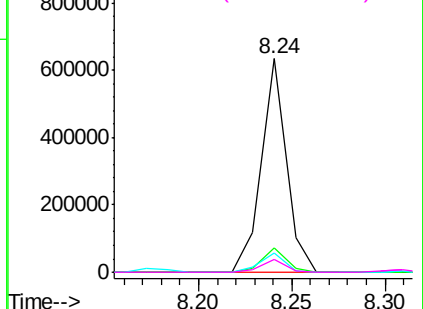
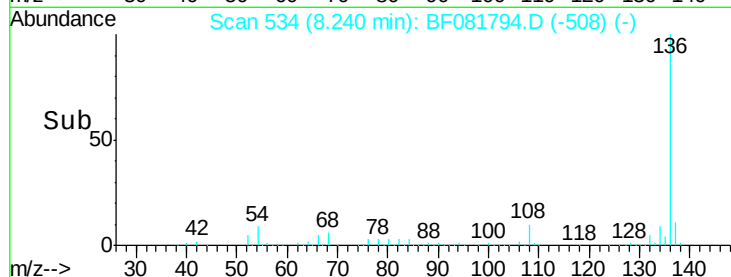
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion:	136	Resp:	586226
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	8.9	8.2	12.2
68	6.1	5.8	8.6

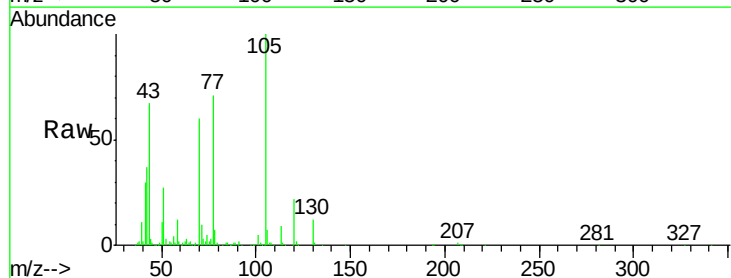


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

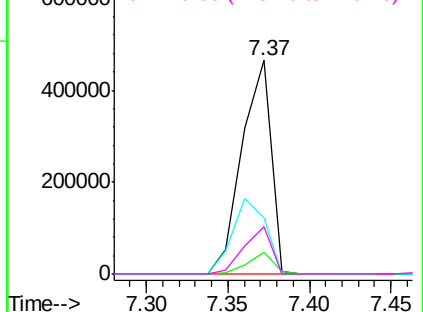
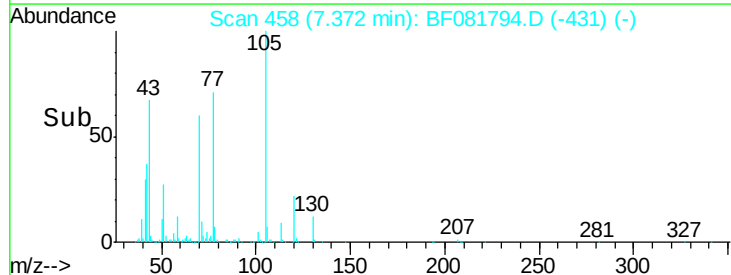


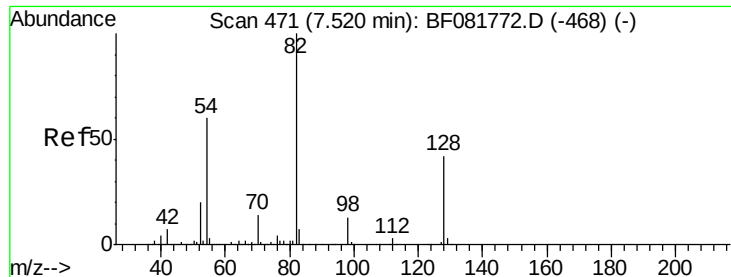
#22
Acetophenone
Concen: 44.81 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion:	105	Resp:	576096
Ion Ratio	Lower	Upper	
105	100		
71	9.9	4.7	7.1#
51	26.6	22.0	33.0
120	22.2	30.1	45.1#



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

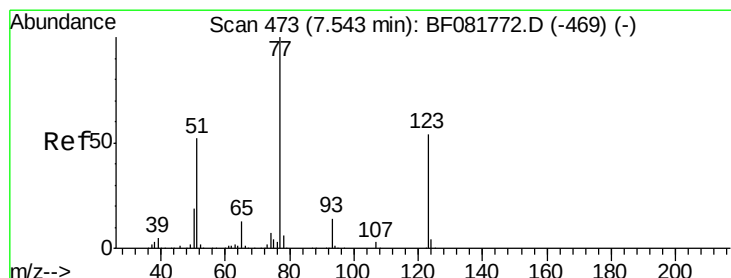
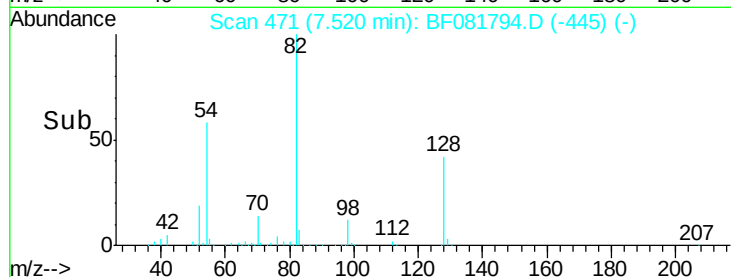
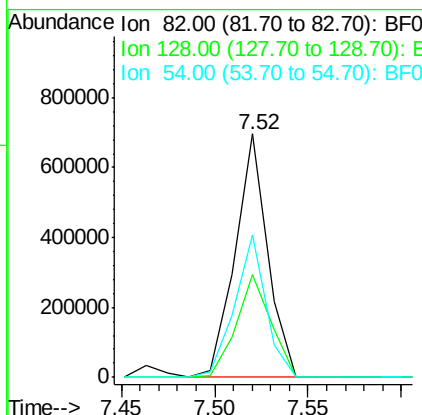
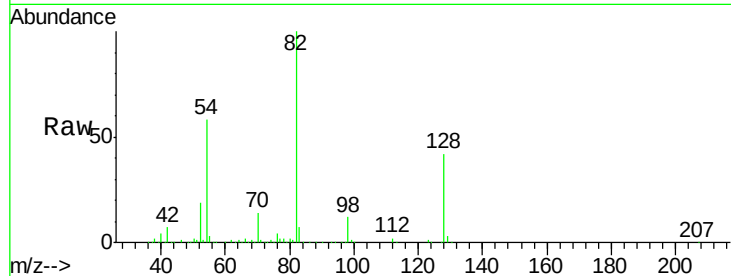




#23
 Nitrobenzene-d5
 Concen: 94.63 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

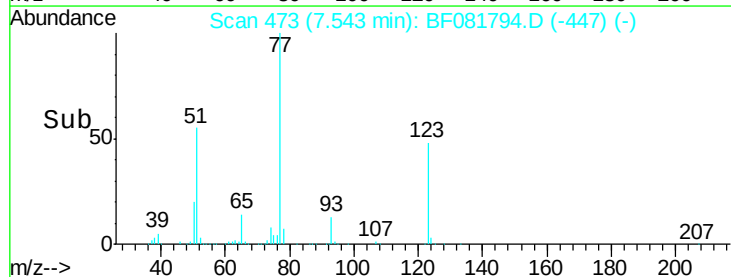
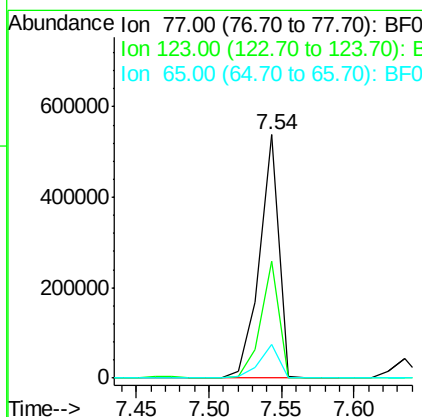
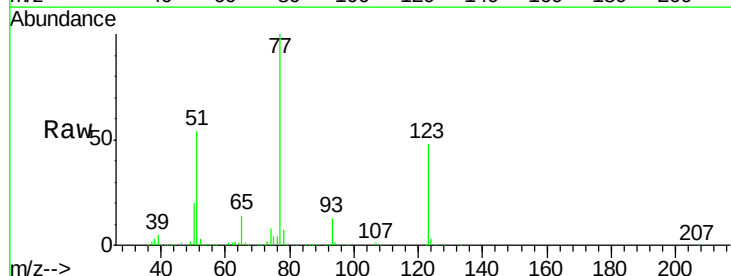
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

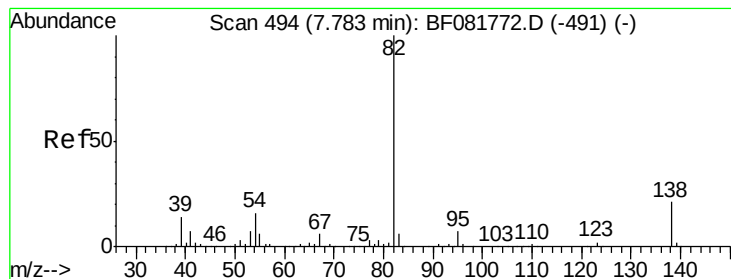
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	51.0	76.6#
54	58.5	47.5	71.3



#24
 Nitrobenzene
 Concen: 50.13 ng
 RT: 7.54 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	59.8	89.8#
65	13.7	10.2	15.4





#25

Isophorone

Concen: 43.08 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

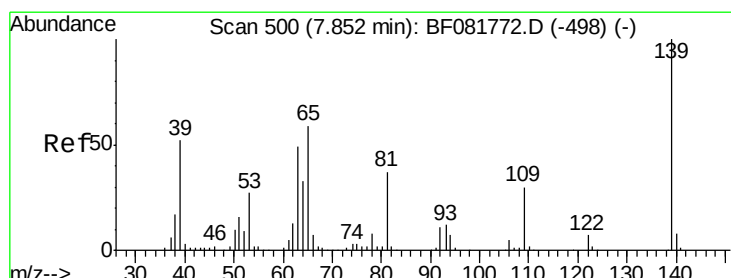
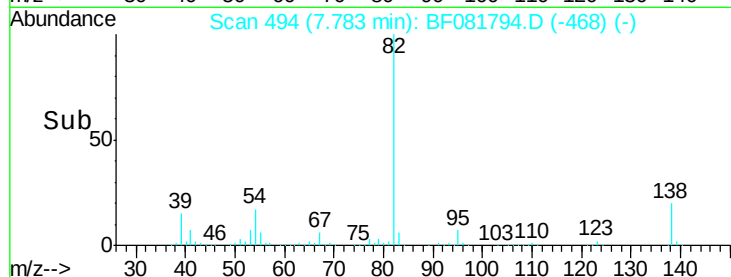
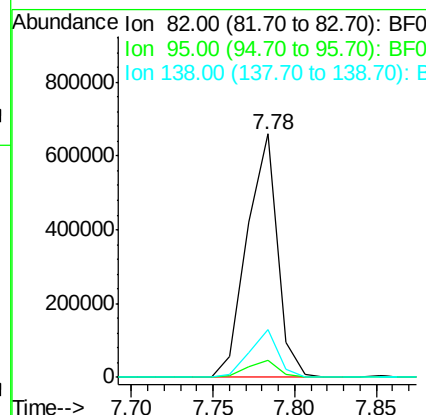
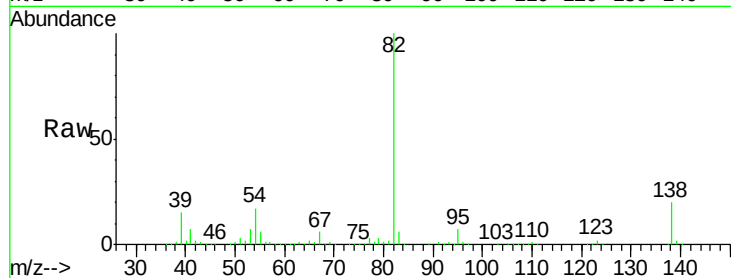
Tgt Ion: 82 Resp: 847887

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

138 19.8 18.3 27.5



#26

2-Nitrophenol

Concen: 56.29 ng

RT: 7.85 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

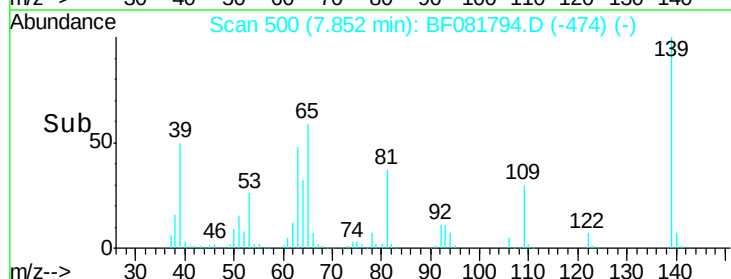
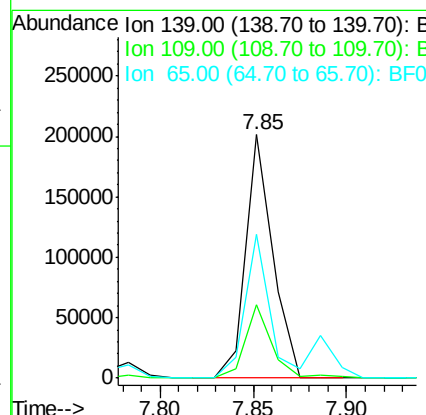
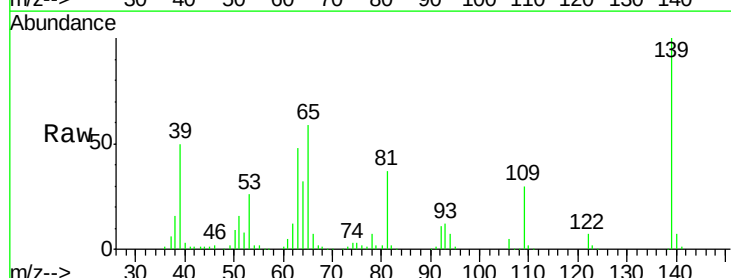
Tgt Ion: 139 Resp: 202675

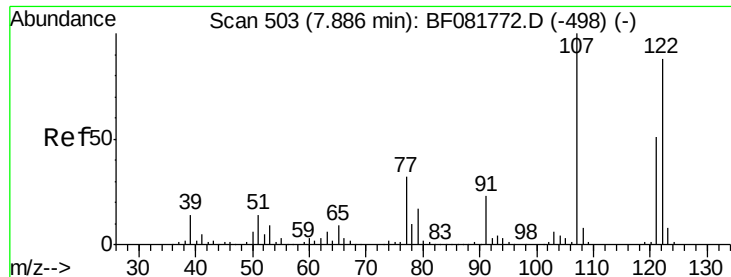
Ion Ratio Lower Upper

139 100

109 30.3 11.0 16.4#

65 58.9 24.7 37.1#

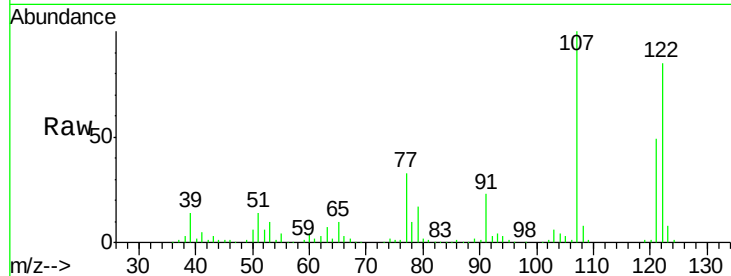




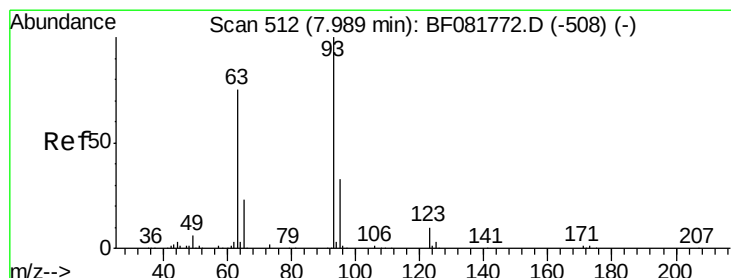
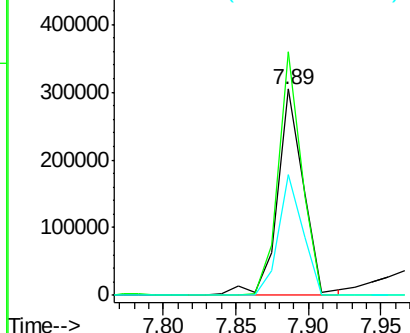
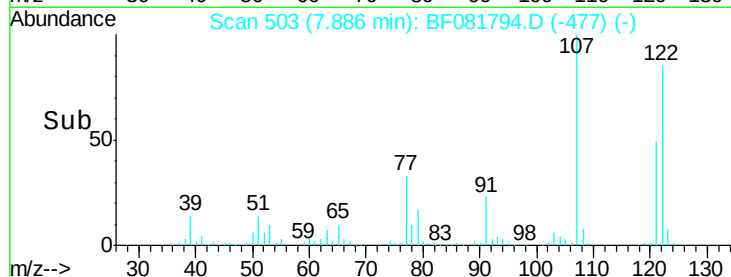
#27
 2,4-Dimethylphenol
 Concen: 42.27 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion: 122 Resp: 377357
 Ion Ratio Lower Upper
 122 100
 107 118.1 71.8 107.6#
 121 58.3 42.3 63.5

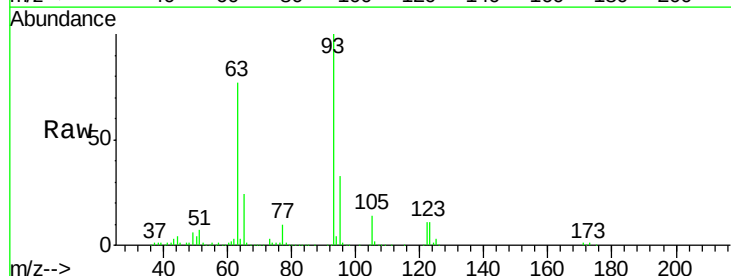


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

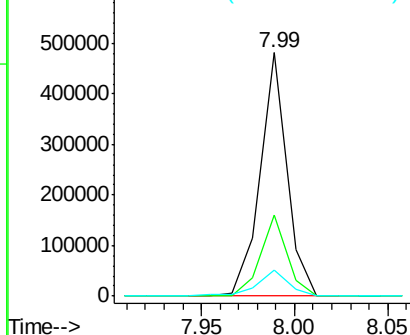
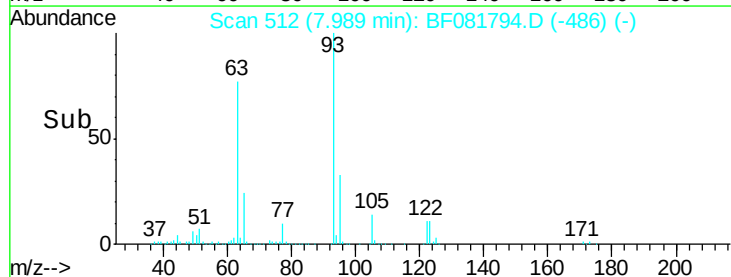


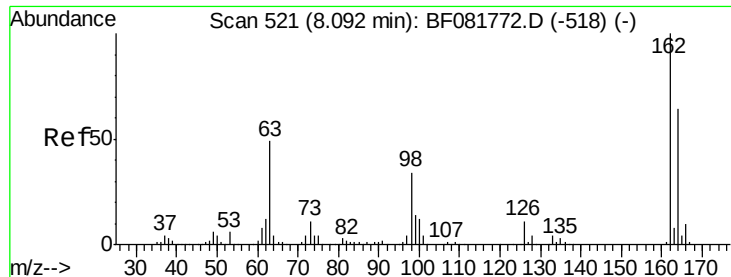
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.34 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion: 93 Resp: 475360
 Ion Ratio Lower Upper
 93 100
 95 33.4 27.5 41.3
 123 10.8 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

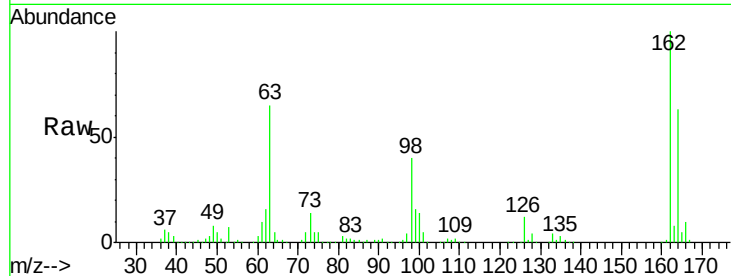




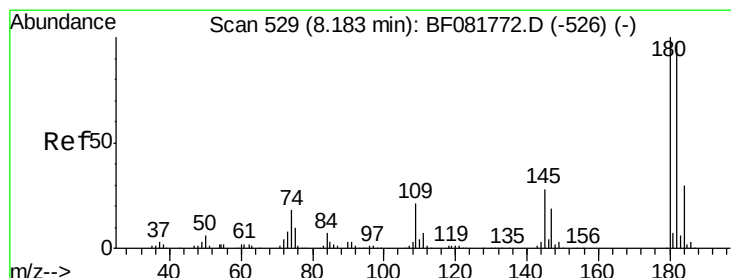
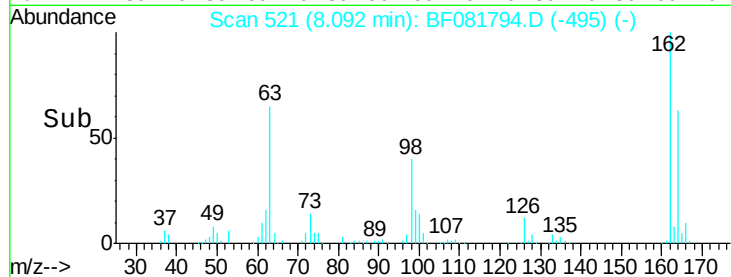
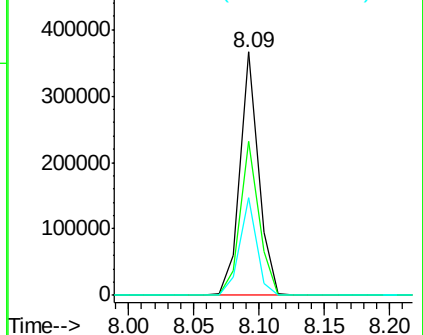
#29
 2,4-Dichlorophenol
 Concen: 43.56 ng
 RT: 8.09 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.9	84.9
98	40.2	13.0	53.0

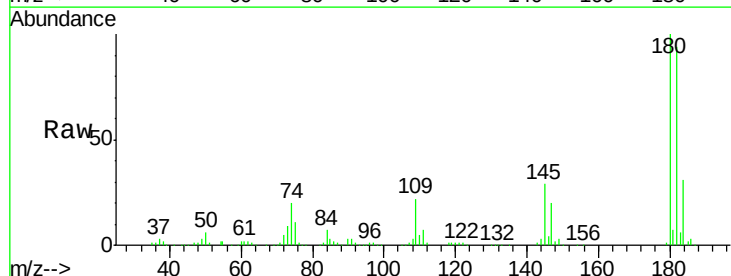


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

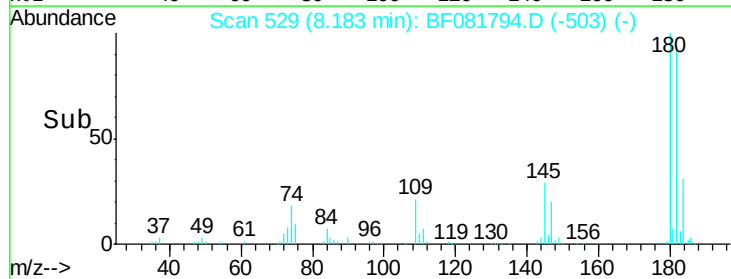
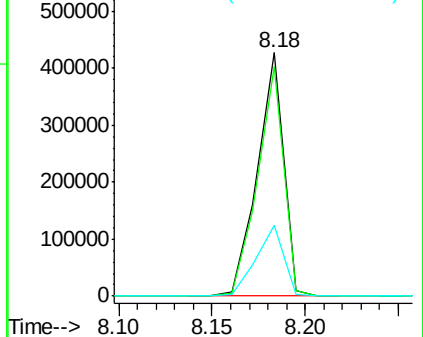


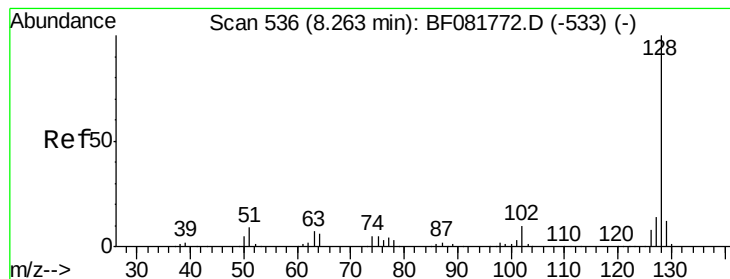
#30
 1,2,4-Trichlorobenzene
 Concen: 44.50 ng
 RT: 8.18 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.1	115.7
145	28.9	23.3	34.9



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





#31

Naphthalene

Concen: 41.90 ng

RT: 8.26 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

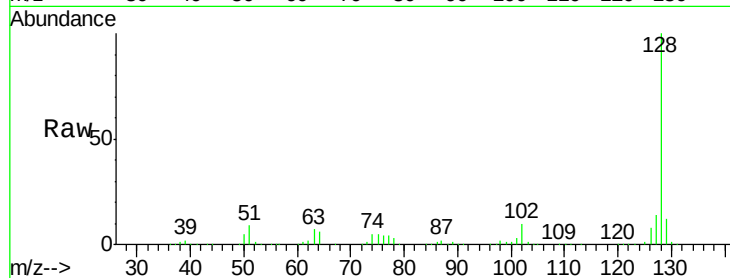
Tgt Ion:128 Resp: 1133014

Ion Ratio Lower Upper

128 100

129 12.0 8.4 12.6

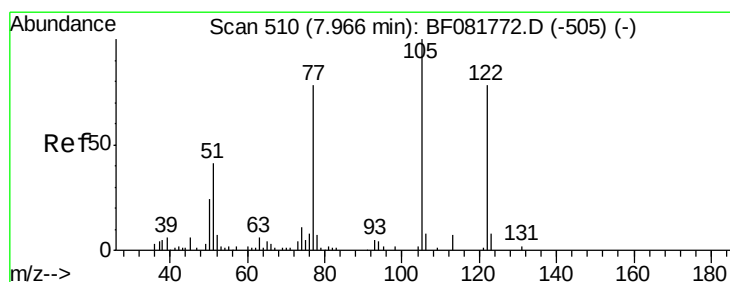
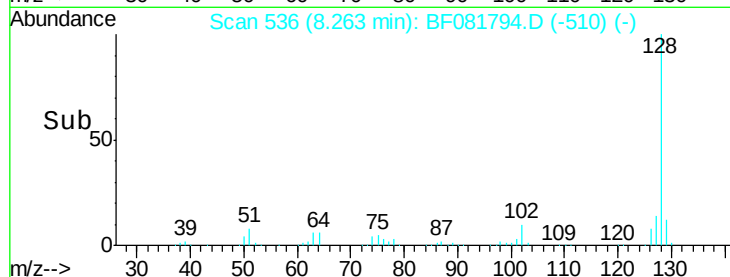
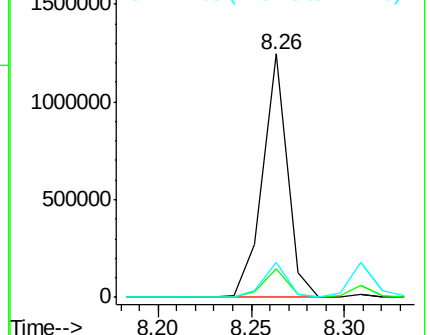
127 14.2 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 80.64 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.02 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

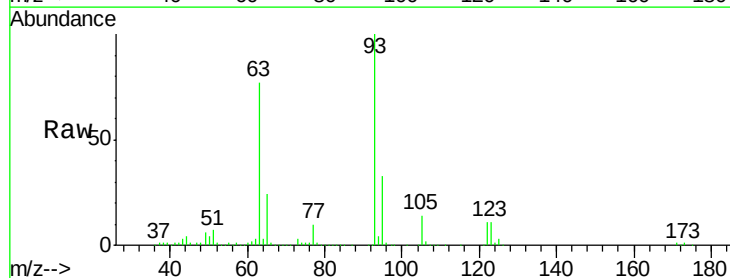
Tgt Ion:122 Resp: 140154

Ion Ratio Lower Upper

122 100

105 123.9 76.1 116.1#

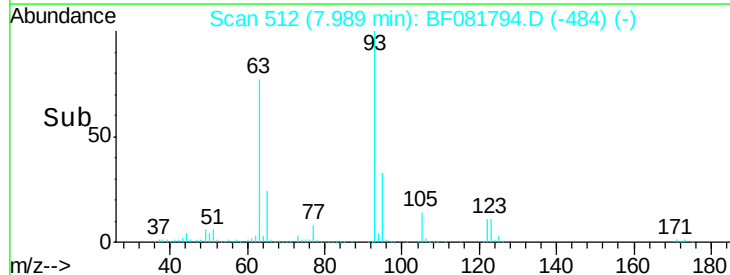
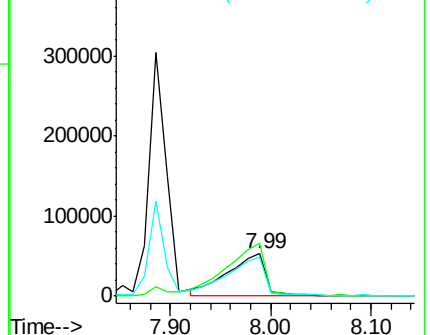
77 93.0 40.5 80.5#

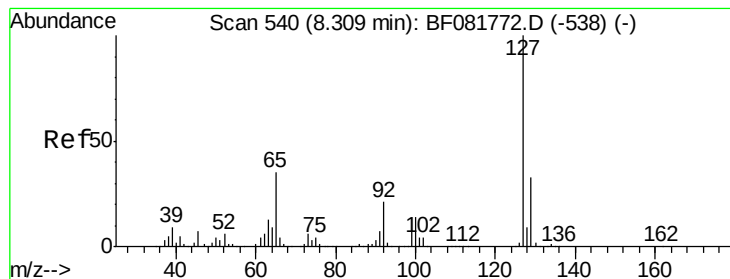


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.96 ng

RT: 8.31 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion:127 Resp: 177558

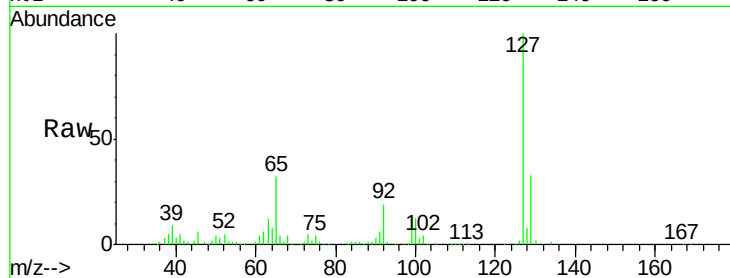
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.6

65 31.6 17.9 26.9#

92 18.5 10.5 15.7#

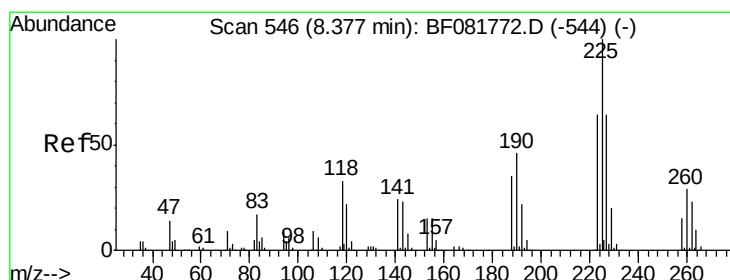
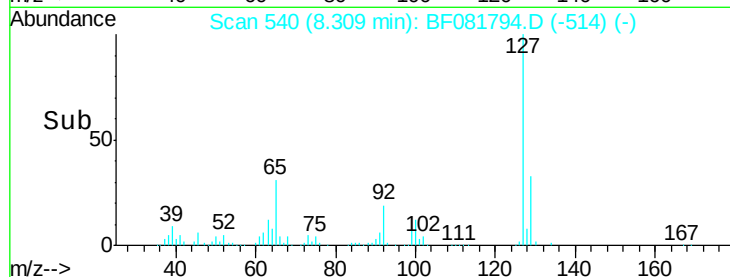
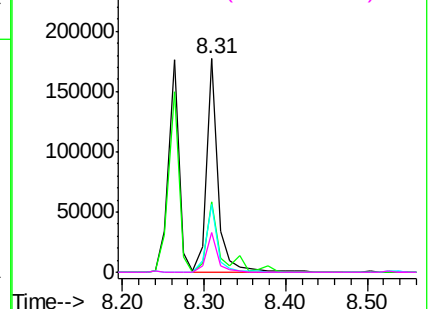


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.81 ng

RT: 8.38 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

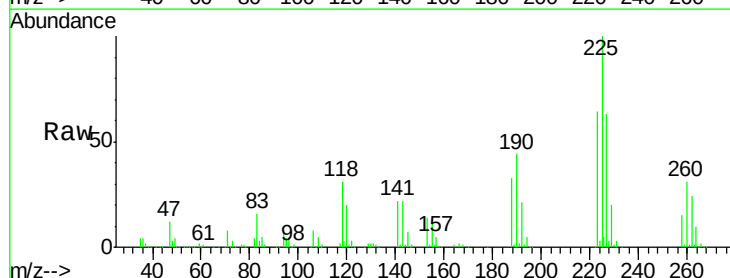
Tgt Ion:225 Resp: 246536

Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.2

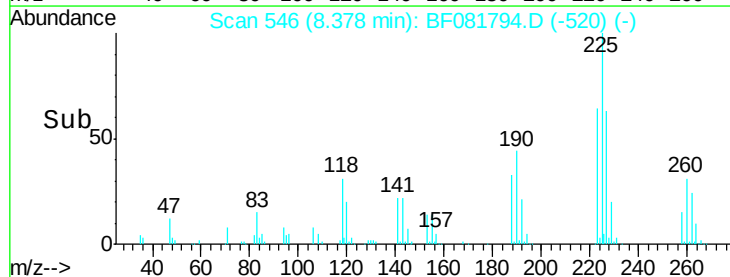
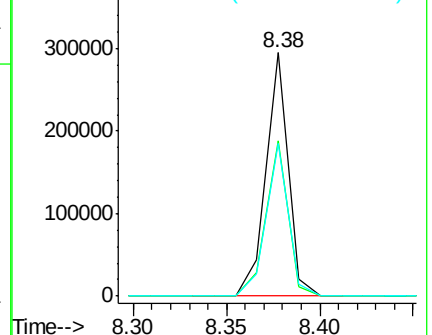
227 62.8 52.2 78.2

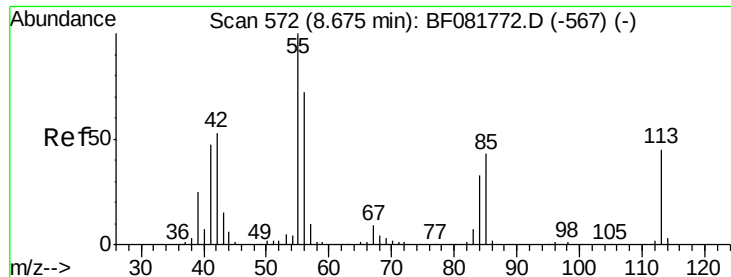


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

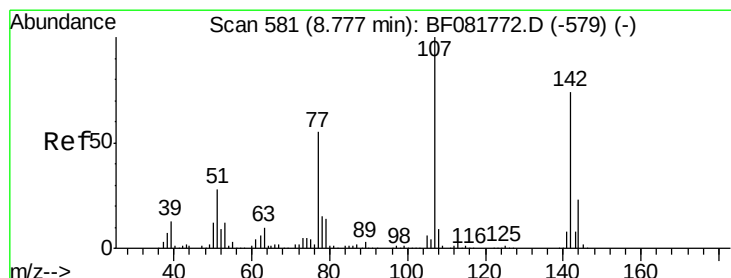
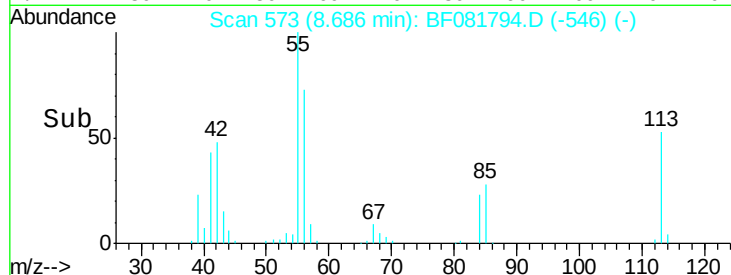
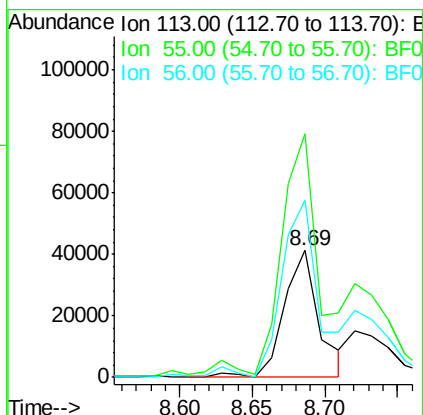
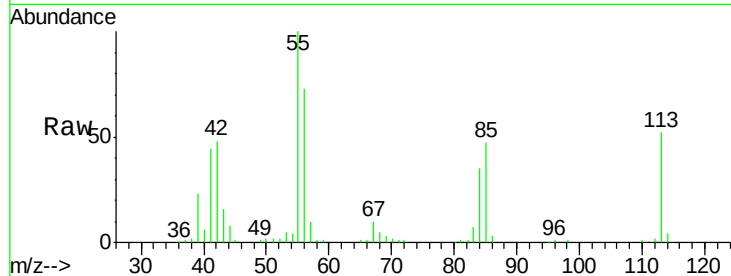




#35
 Caprolactam
 Concen: 30.97 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

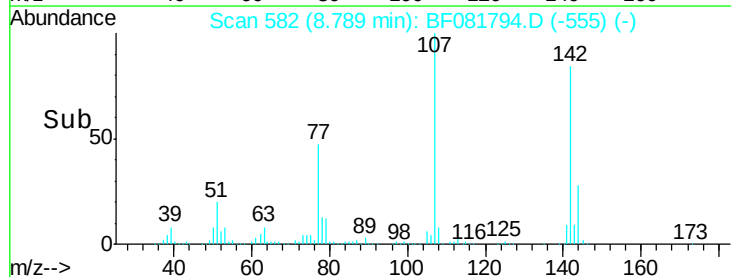
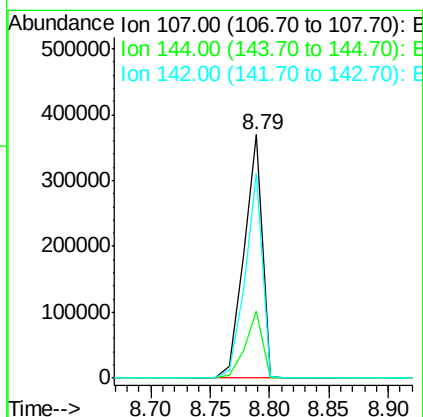
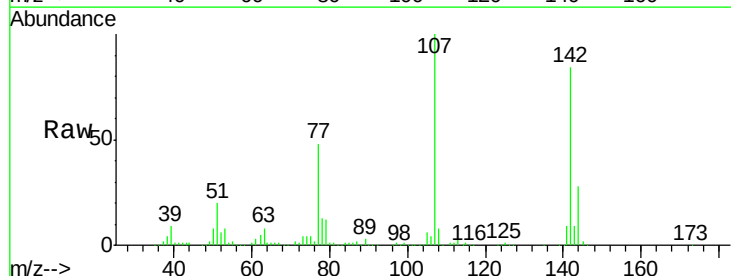
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

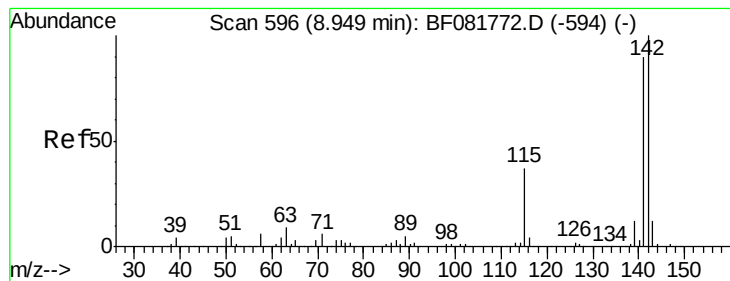
Tgt Ion:113 Resp: 68750
 Ion Ratio Lower Upper
 113 100
 55 191.6 152.4 192.4
 56 139.5 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.58 ng
 RT: 8.79 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:107 Resp: 396201
 Ion Ratio Lower Upper
 107 100
 144 27.6 25.4 38.0
 142 84.2 77.3 115.9





#37

2-Methylnaphthalene

Concen: 40.85 ng

RT: 8.95 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

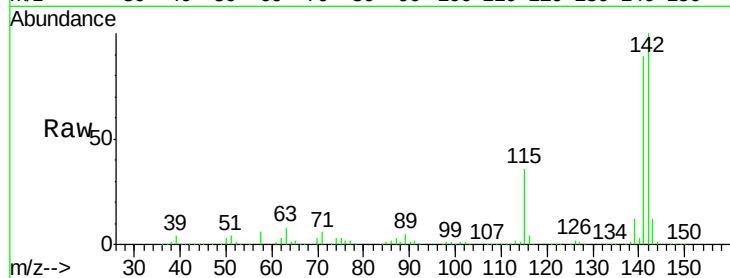
Tgt Ion:142 Resp: 787318

Ion Ratio Lower Upper

142 100

141 88.7 67.5 101.3

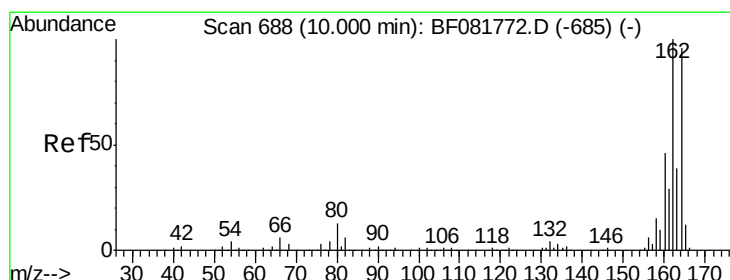
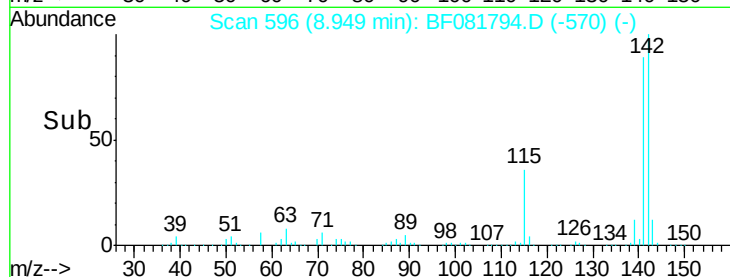
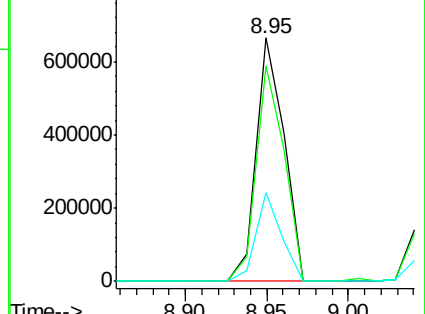
115 36.4 18.2 27.2#



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: 10.00 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

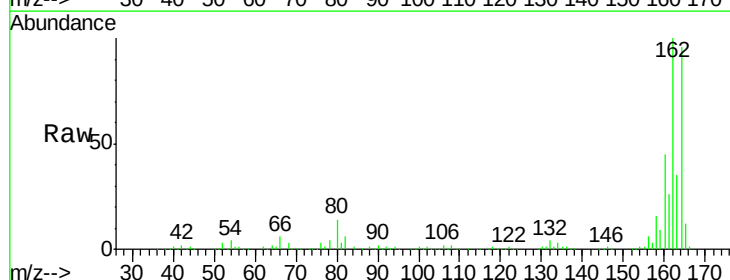
Tgt Ion:164 Resp: 280330

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

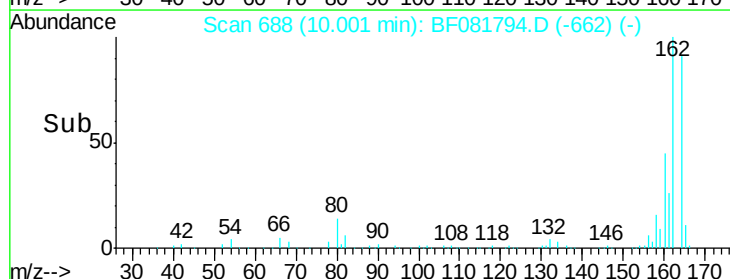
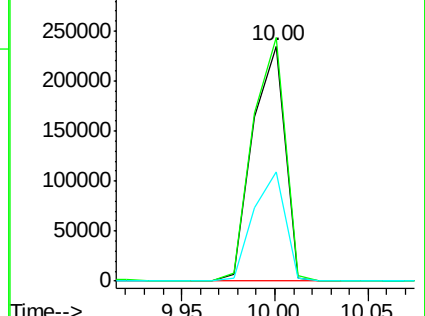
160 46.5 31.5 47.3

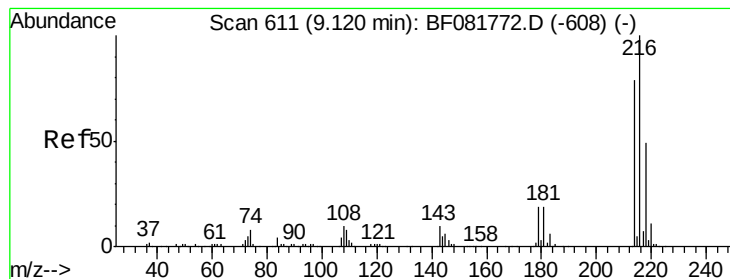


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.47 ng

RT: 9.12 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion:216 Resp: 406853

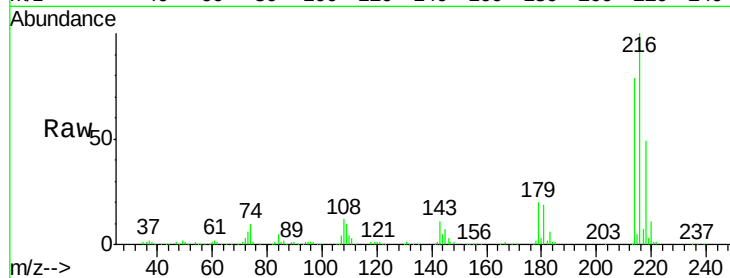
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.5 16.6 24.8

108 18.0 16.3 24.5

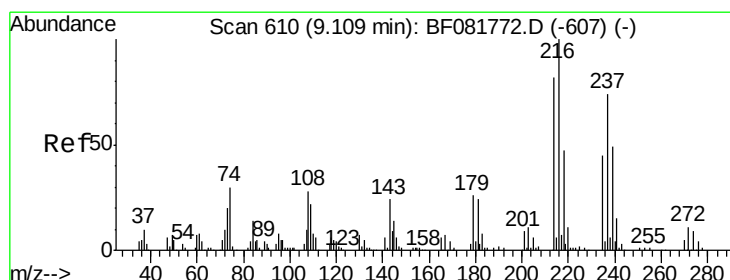
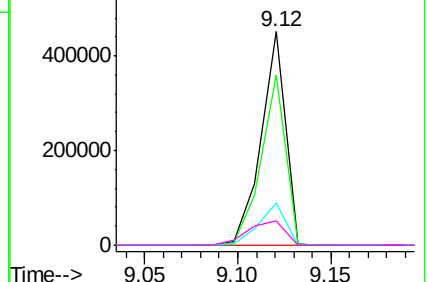
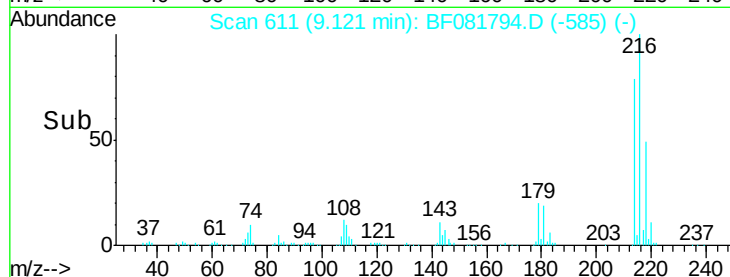


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.29 ng

RT: 9.11 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

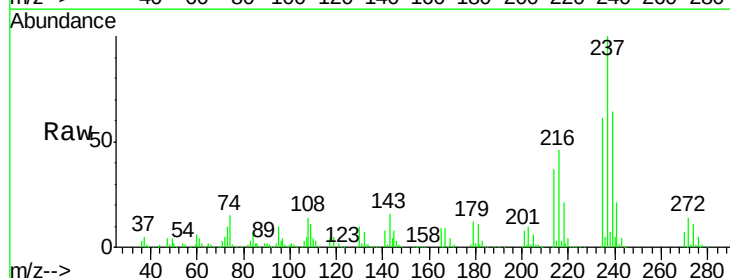
Tgt Ion:237 Resp: 342396

Ion Ratio Lower Upper

237 100

235 60.6 42.0 82.0

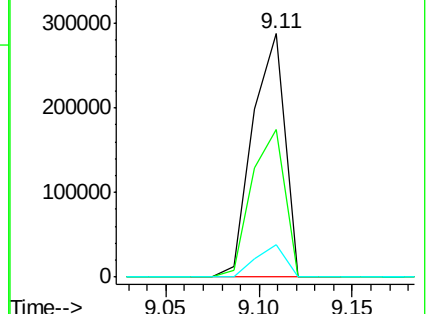
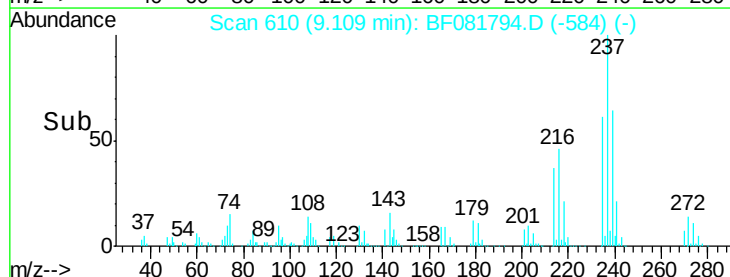
272 13.6 0.0 36.1

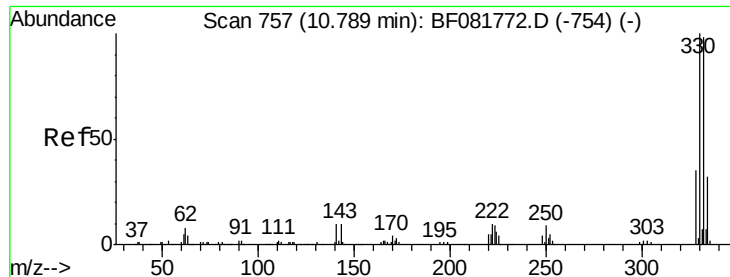


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

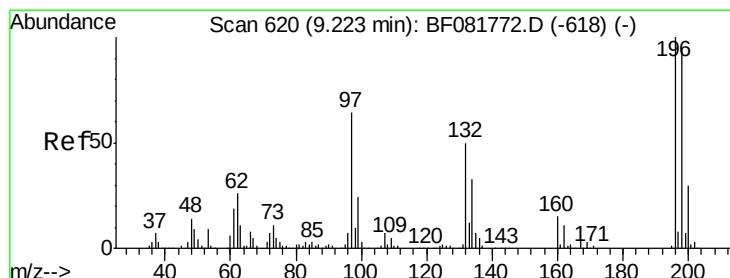
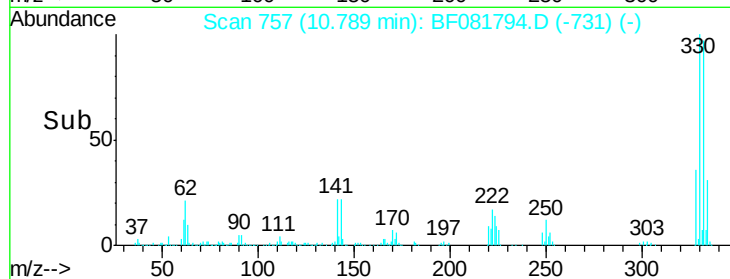
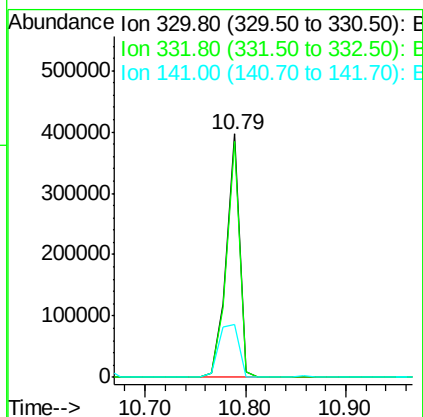
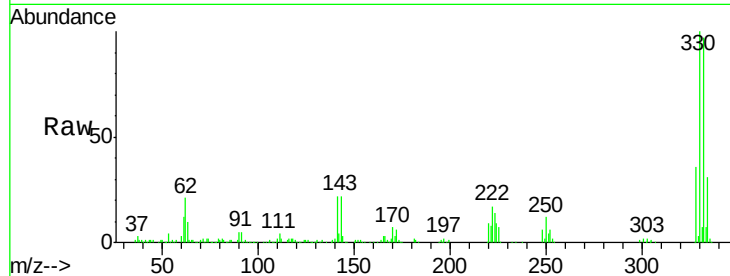




#41
 2,4,6-Tribromophenol
 Concen: 151.57 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

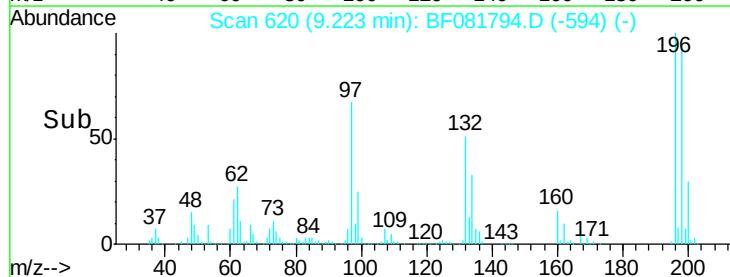
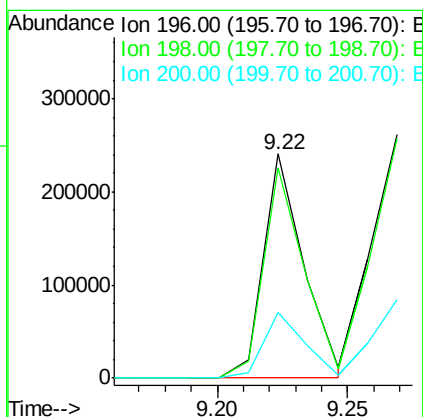
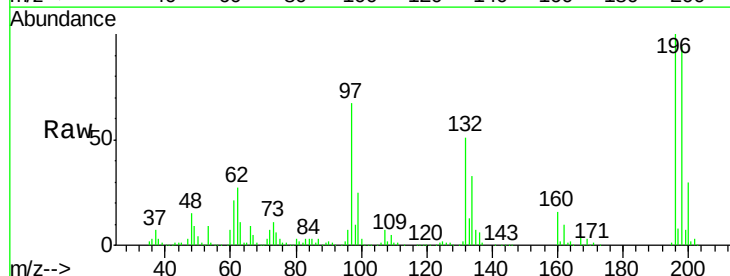
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

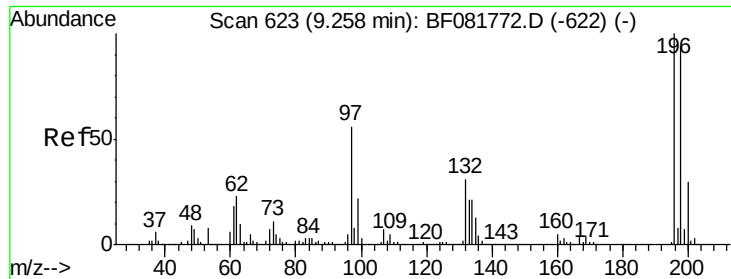
Tgt Ion:330 Resp: 368897
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 33.1 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 43.82 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:196 Resp: 258309
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 200 29.6 23.9 35.9

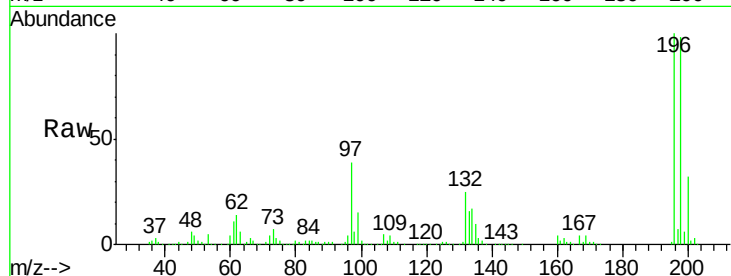




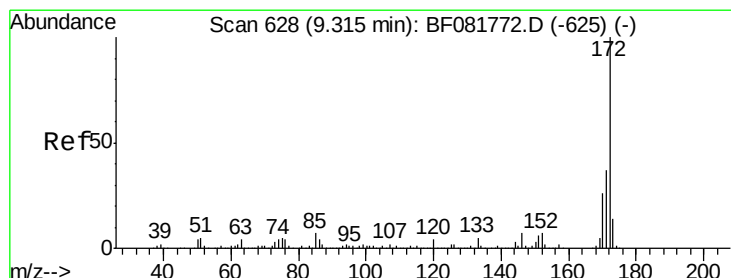
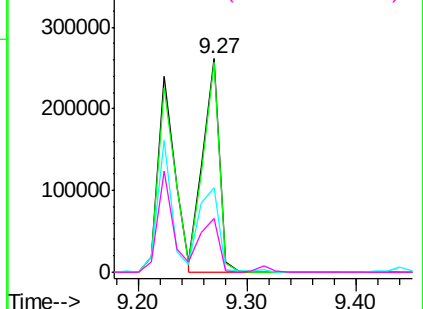
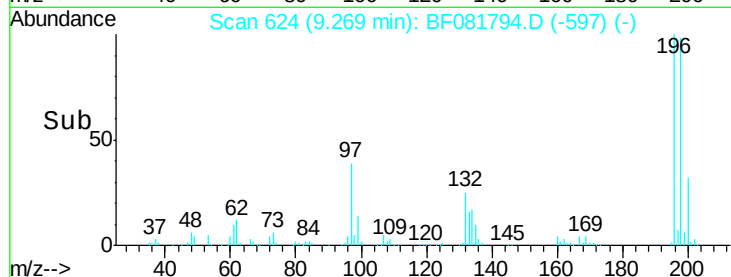
#43
 2,4,5-Trichlorophenol
 Concen: 47.93 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Resp	Lower	Upper
196	277974		
198	98.2	75.4	113.0
97	39.4	33.3	49.9
132	25.3	24.6	37.0

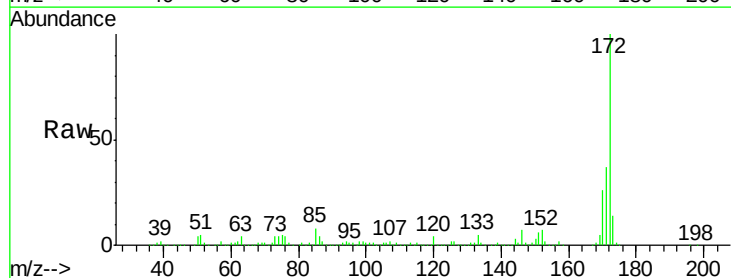


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

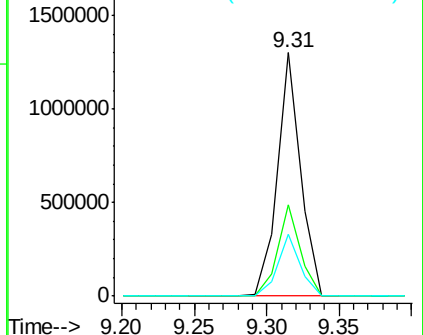
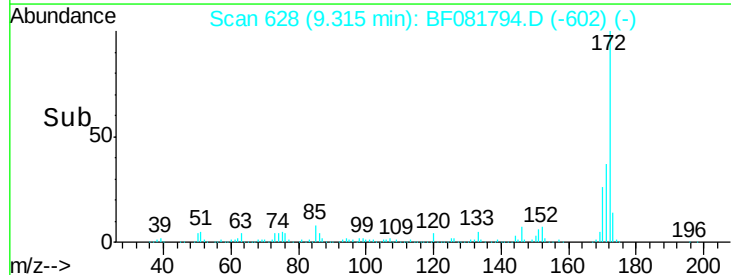


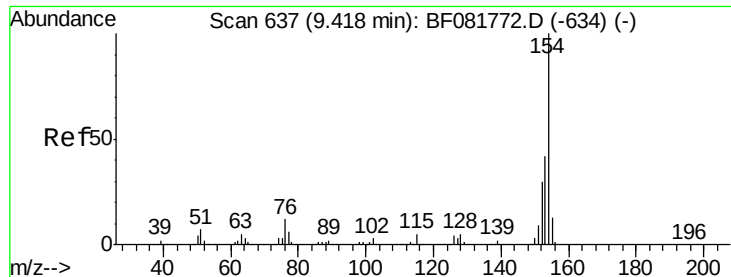
#44
 2-Fluorobiphenyl
 Concen: 84.35 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Resp	Lower	Upper
172	1440473		
171	37.4	26.1	39.1
170	25.6	17.4	26.2



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

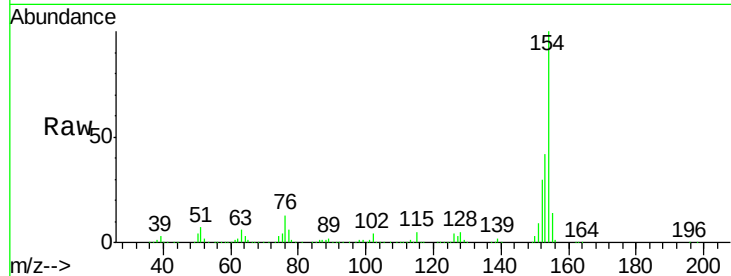




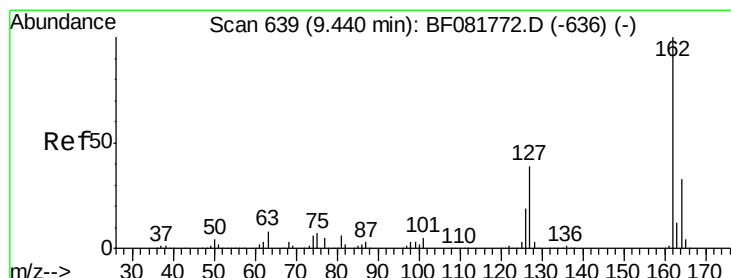
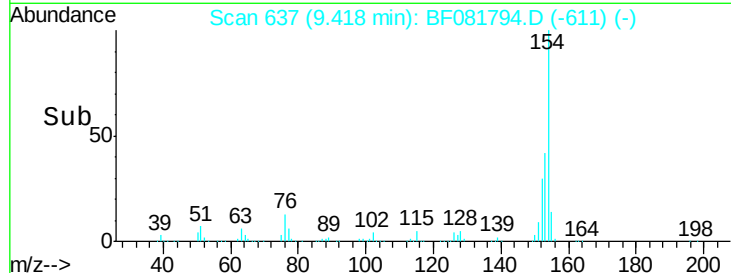
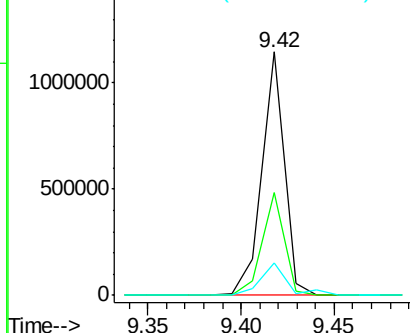
#45
 1,1'-Biphenyl
 Concen: 43.26 ng
 RT: 9.42 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion:154 Resp: 948282
 Ion Ratio Lower Upper
 154 100
 153 42.1 17.1 57.1
 76 13.1 0.0 31.6

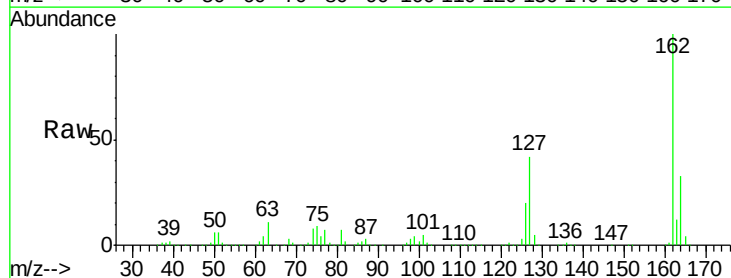


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

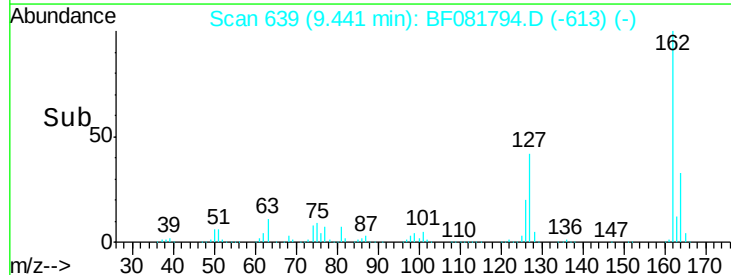
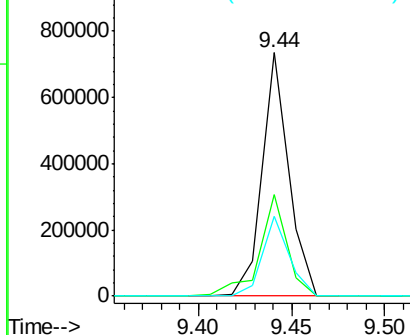


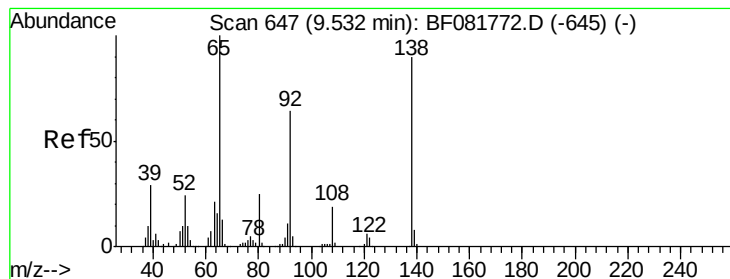
#46
 2-Chloronaphthalene
 Concen: 40.77 ng
 RT: 9.44 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:162 Resp: 718872
 Ion Ratio Lower Upper
 162 100
 127 41.6 27.6 41.4#
 164 32.8 25.4 38.2



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





#47

2-Nitroaniline

Concen: 47.39 ng

RT: 9.53 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

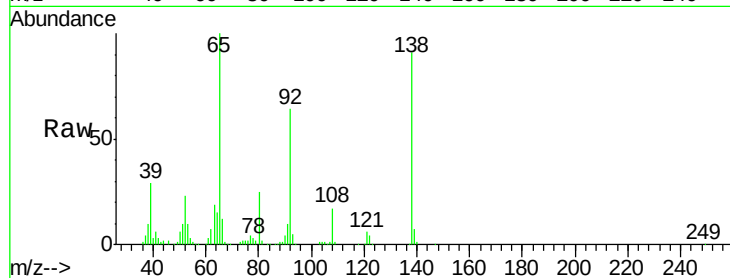
Tgt Ion: 65 Resp: 222235

Ion Ratio Lower Upper

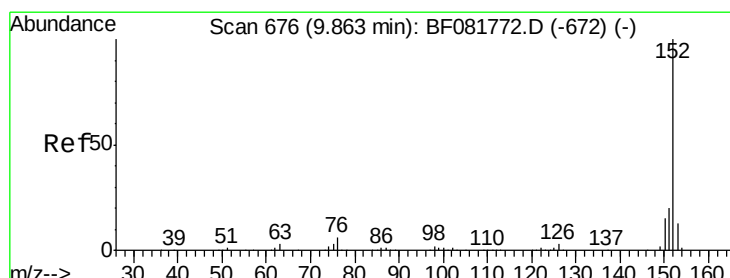
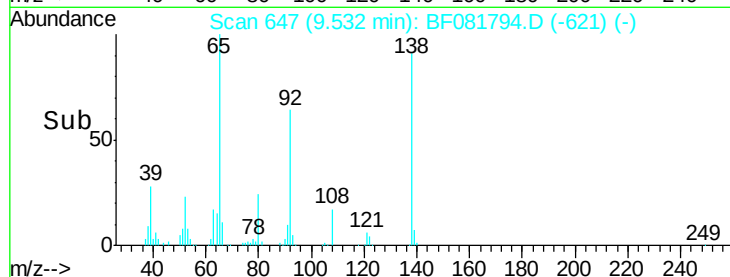
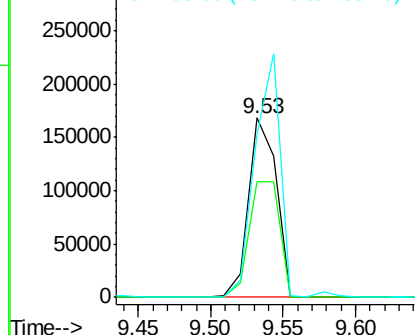
65 100

92 64.1 55.4 83.0

138 90.8 115.5 173.3#



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): E



#48

Acenaphthylene

Concen: 42.20 ng

RT: 9.86 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

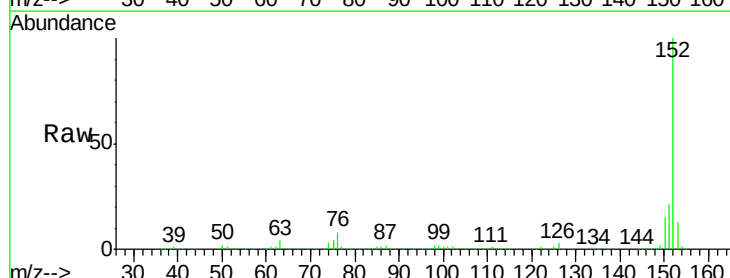
Tgt Ion: 152 Resp: 1259162

Ion Ratio Lower Upper

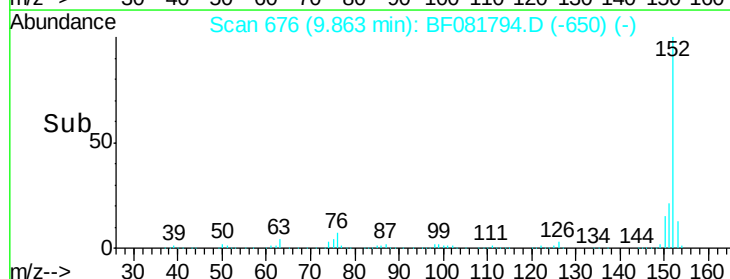
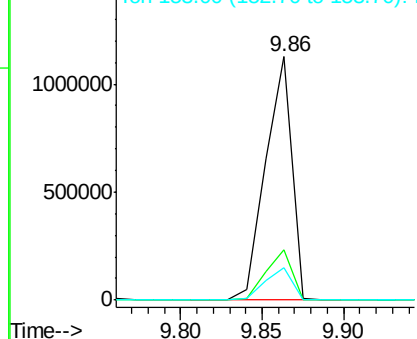
152 100

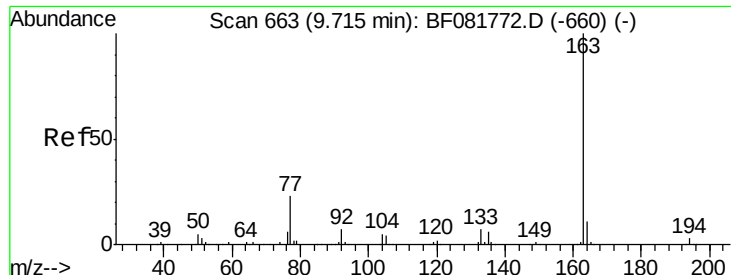
151 20.8 14.6 22.0

153 13.3 10.3 15.5



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

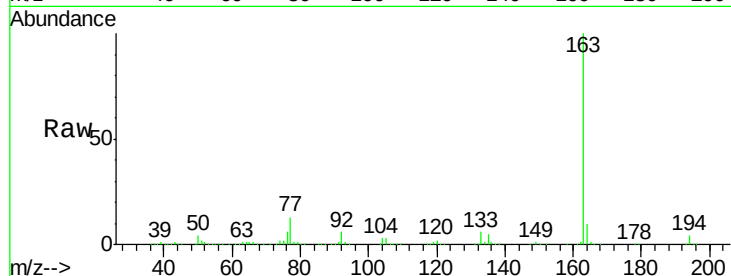




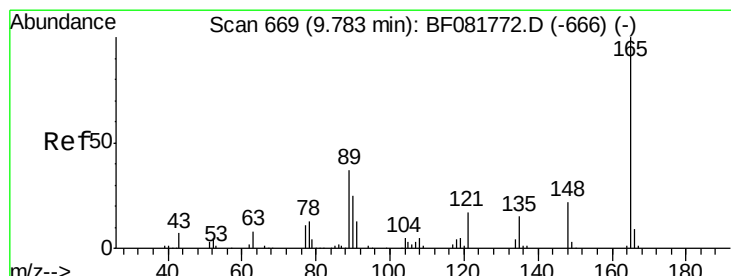
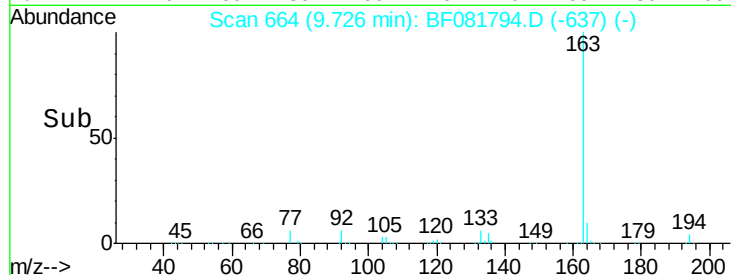
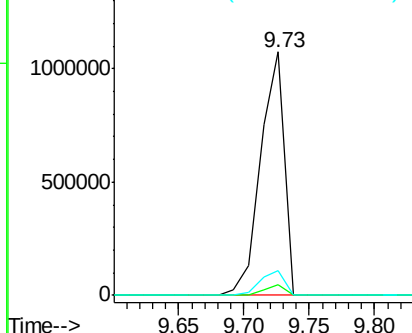
#49
Dimethylphthalate
Concen: 63.78 ng
RT: 9.73 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion:163 Resp: 1360519
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 10.1 8.3 12.5

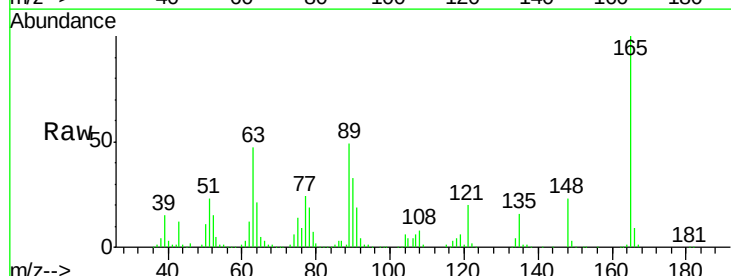


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

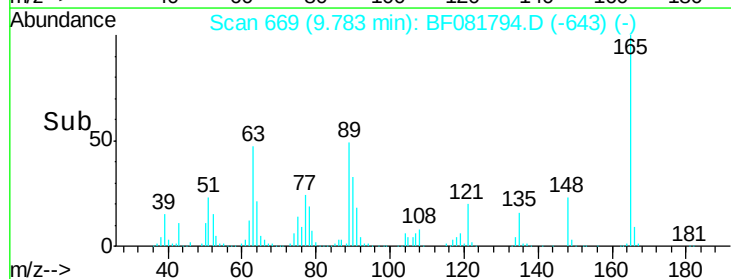
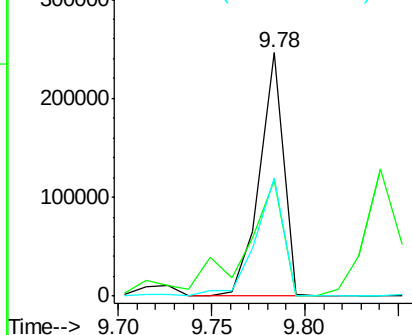


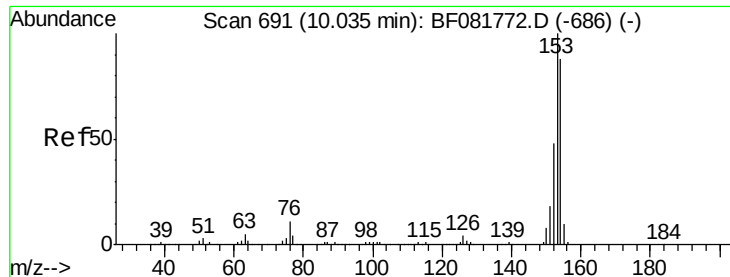
#50
2,6-Dinitrotoluene
Concen: 52.88 ng
RT: 9.78 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion:165 Resp: 217709
Ion Ratio Lower Upper
165 100
63 47.3 32.3 48.5
89 48.7 28.6 43.0#



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





#51

Acenaphthene

Concen: 47.25 ng

RT: 10.03 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

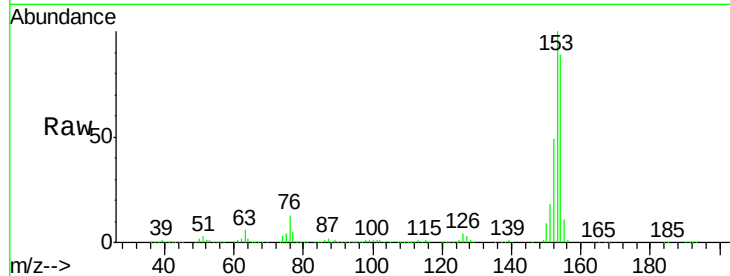
Tgt Ion:154 Resp: 812572

Ion Ratio Lower Upper

154 100

153 112.5 82.1 123.1

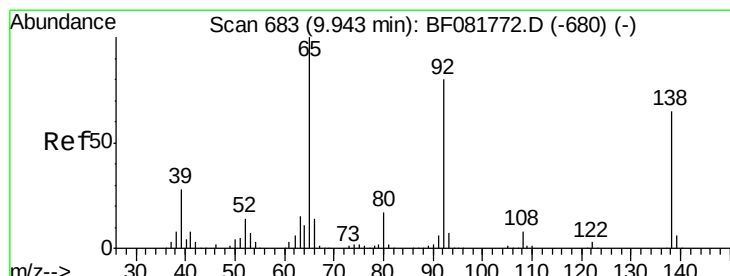
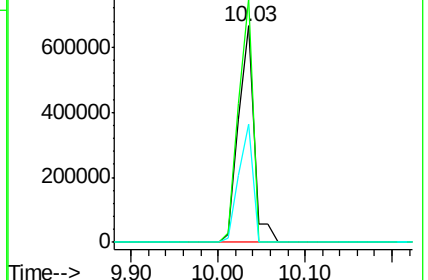
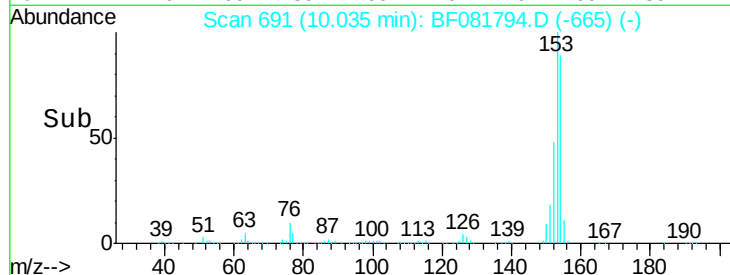
152 54.7 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.50 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

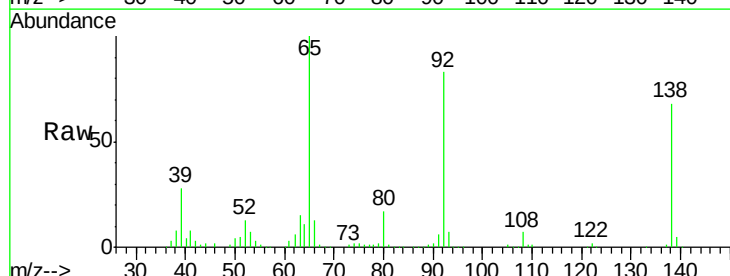
Tgt Ion:138 Resp: 145140

Ion Ratio Lower Upper

138 100

108 11.0 5.7 8.5#

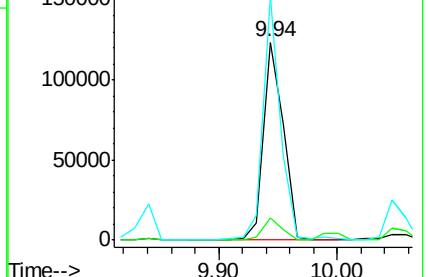
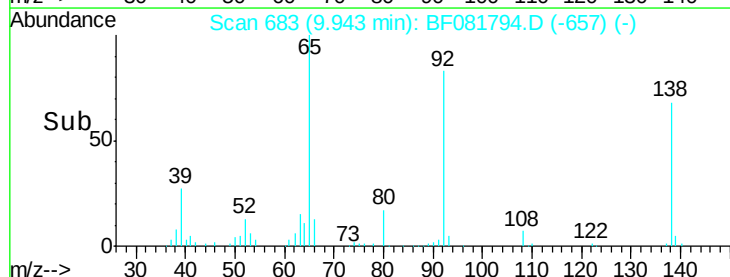
92 122.9 67.7 101.5#

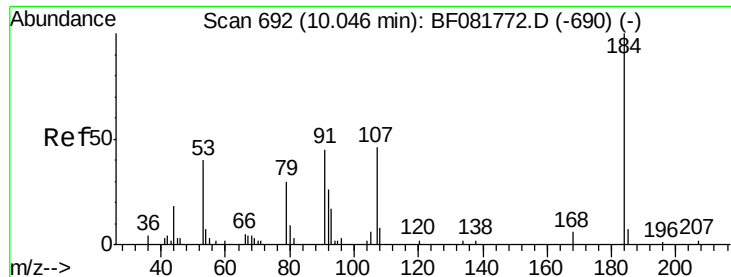


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

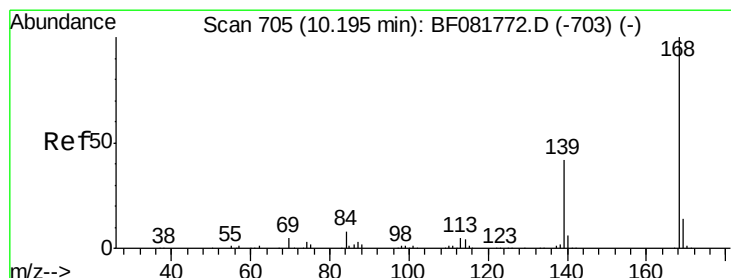
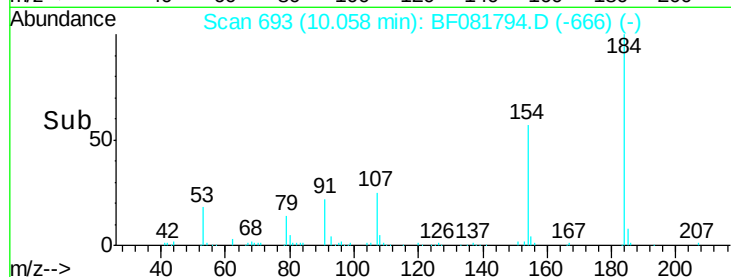
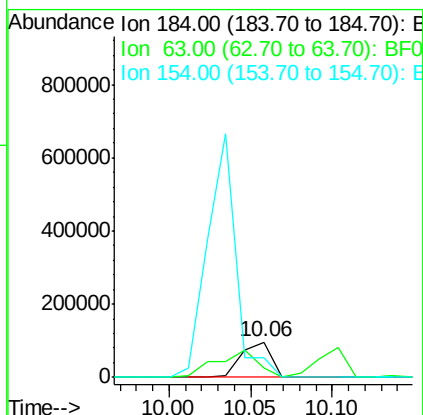
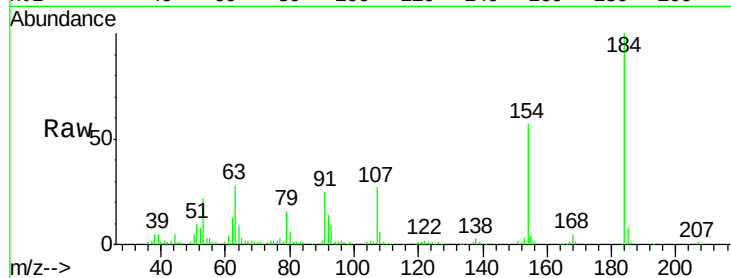




#53
 2,4-Dinitrophenol
 Concen: 110.19 ng
 RT: 10.06 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

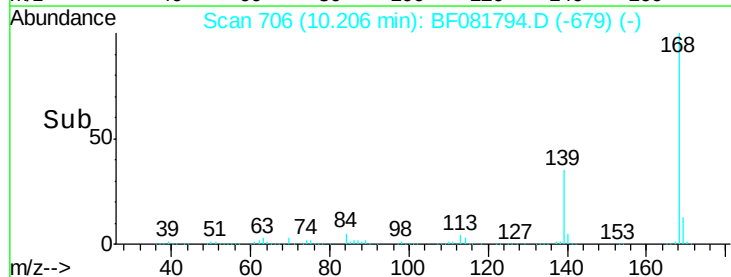
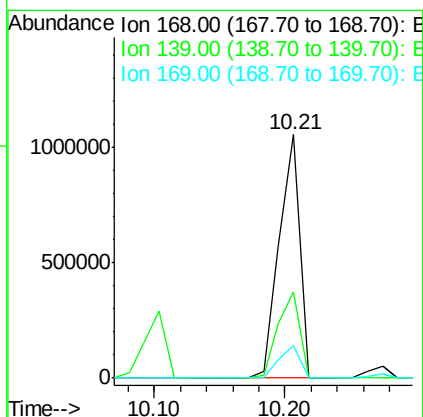
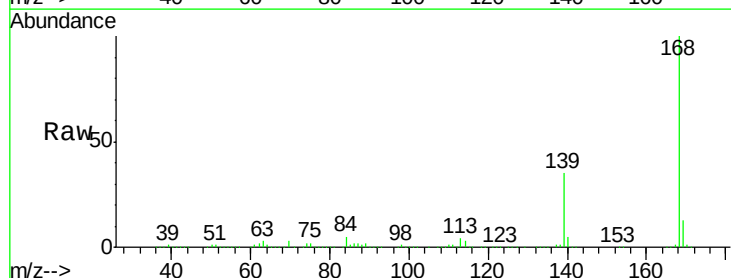
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

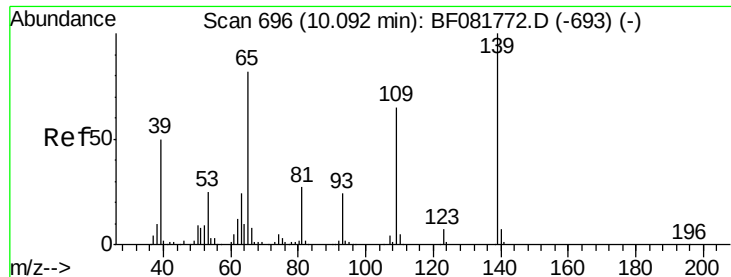
Tgt Ion:184 Resp: 121337
 Ion Ratio Lower Upper
 184 100
 63 27.8 35.4 53.2#
 154 56.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 45.17 ng
 RT: 10.21 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:168 Resp: 1139544
 Ion Ratio Lower Upper
 168 100
 139 35.3 24.2 36.2
 169 13.3 10.6 15.8

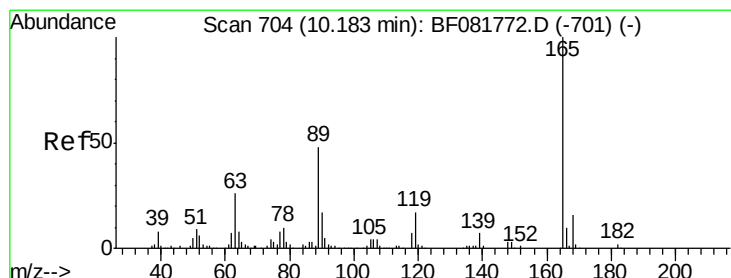
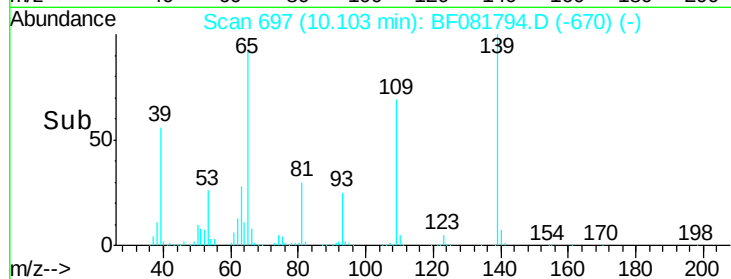
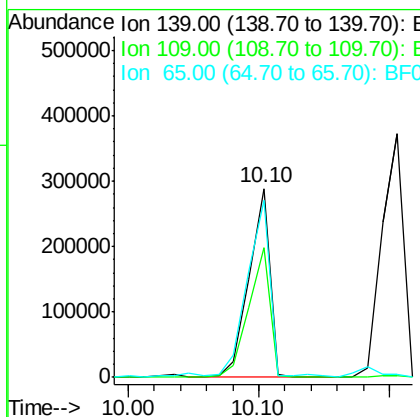
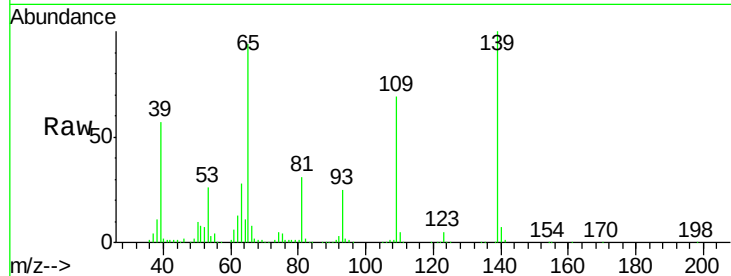




#55
4-Nitrophenol
Concen: 104.74 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

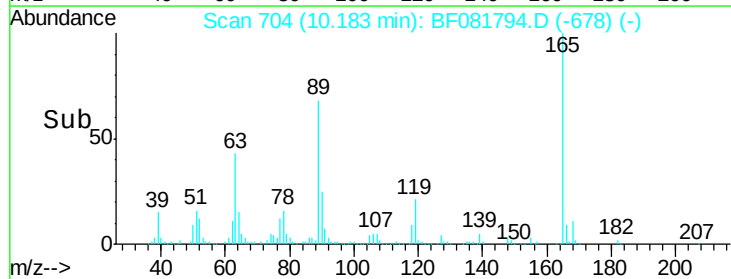
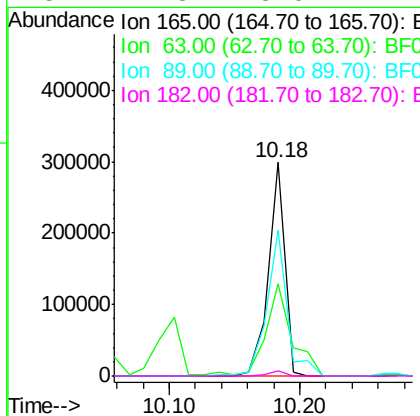
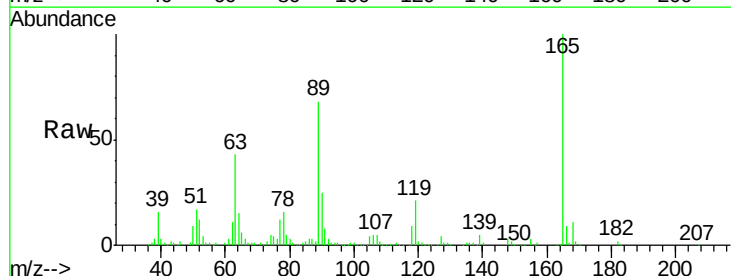
Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

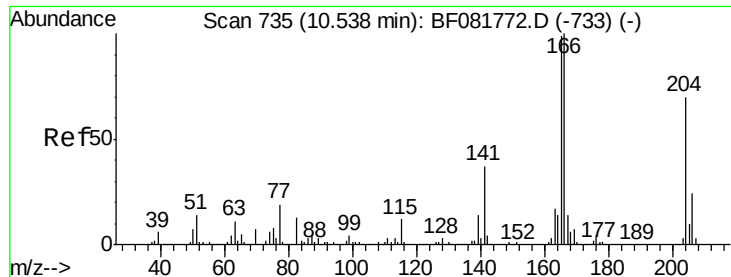
Tgt Ion:139 Resp: 322572
Ion Ratio Lower Upper
139 100
109 68.5 12.7 52.7#
65 93.7 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 53.75 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion:165 Resp: 264941
Ion Ratio Lower Upper
165 100
63 43.1 29.8 44.6
89 68.4 44.5 66.7#
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 41.65 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

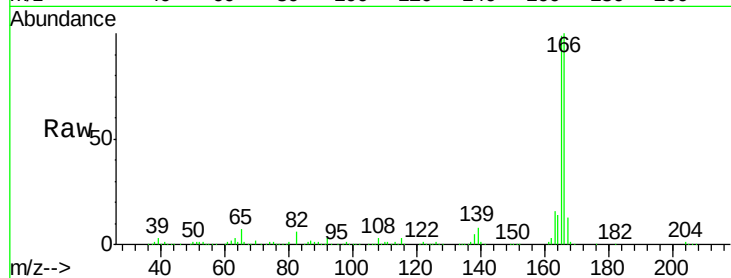
Tgt Ion:166 Resp: 806339

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

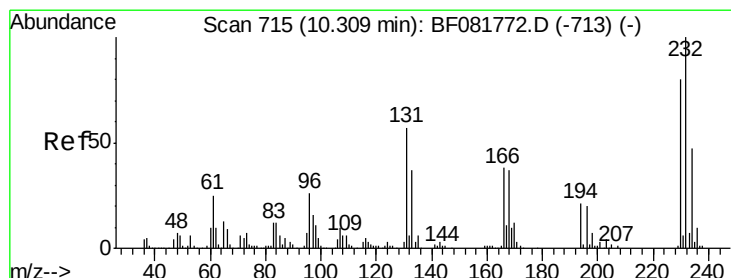
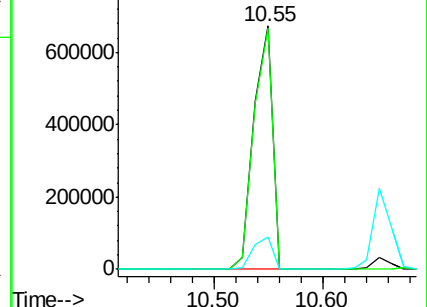
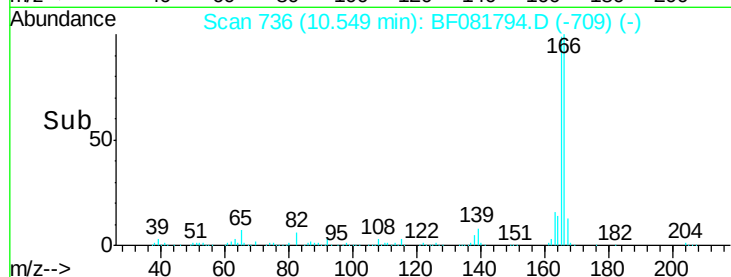
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.93 ng

RT: 10.32 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion:232 Resp: 225493

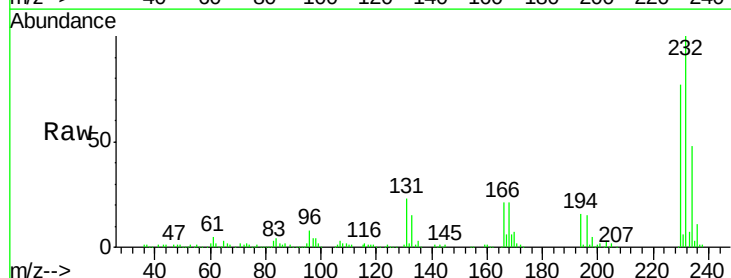
Ion Ratio Lower Upper

232 100

131 41.8 38.5 57.7

130 1.9 1.8 2.6

166 29.6 25.0 37.6

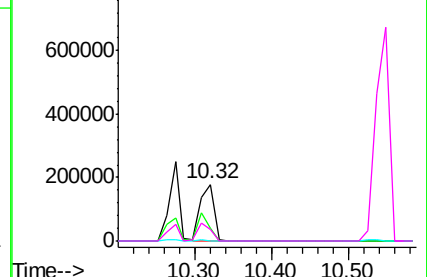
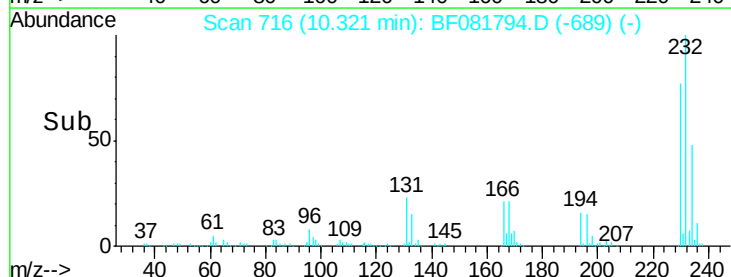


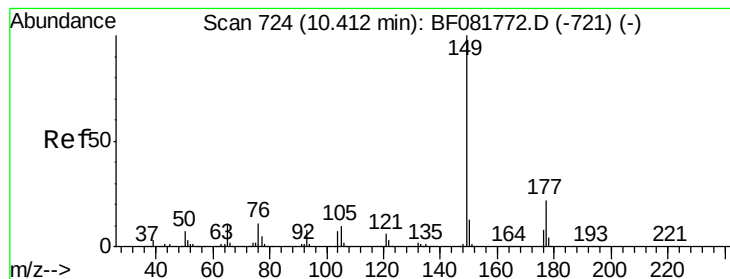
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.45 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

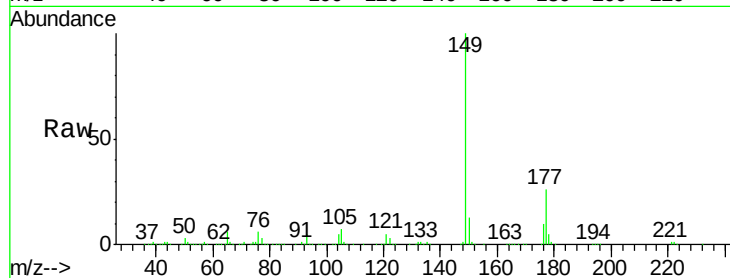
Tgt Ion:149 Resp: 918356

Ion Ratio Lower Upper

149 100

177 25.6 17.5 26.3

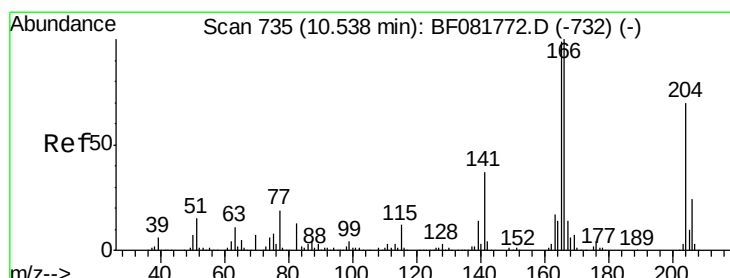
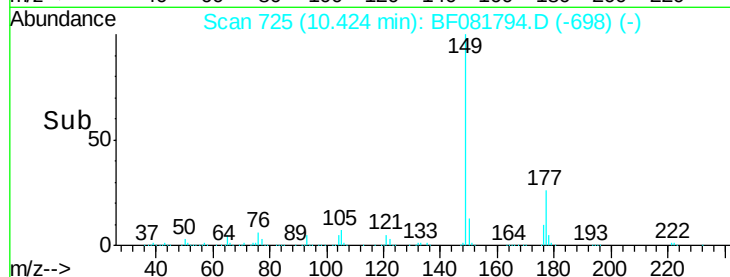
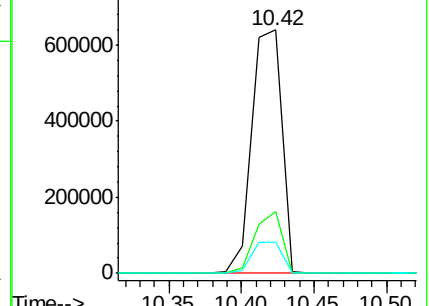
150 12.5 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.27 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

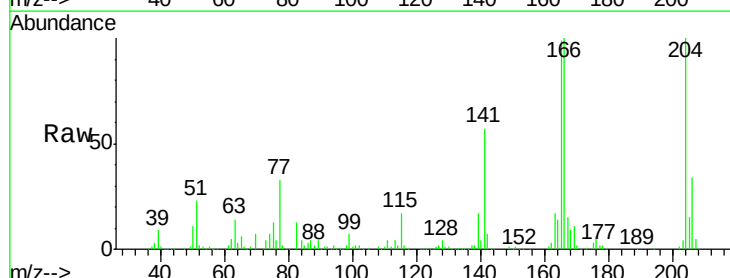
Tgt Ion:204 Resp: 402329

Ion Ratio Lower Upper

204 100

206 34.5 24.8 37.2

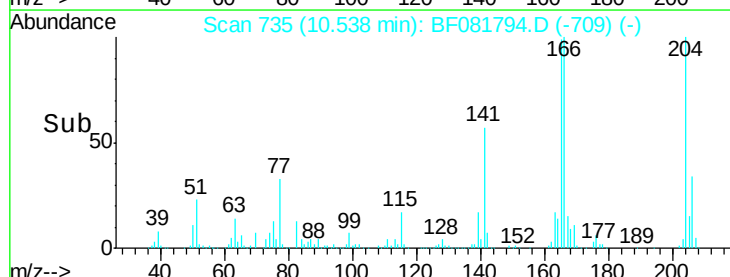
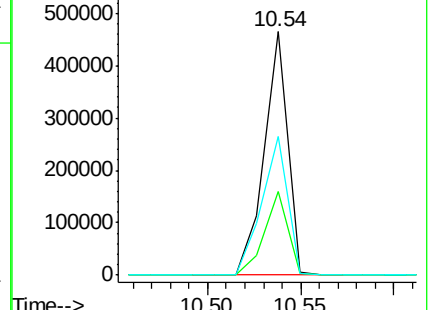
141 57.2 42.2 63.4

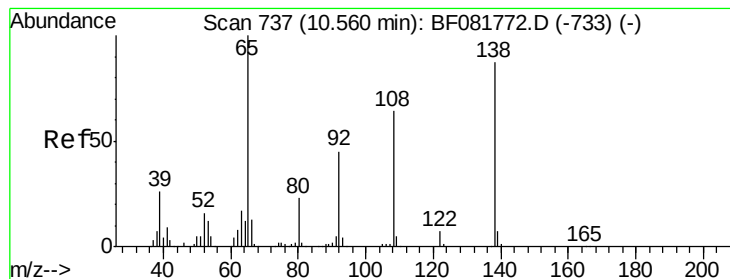


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.45 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

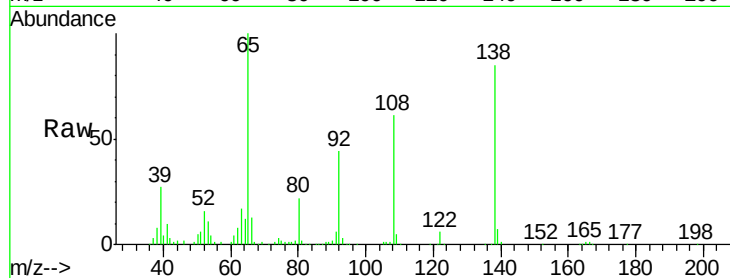
Tgt Ion:138 Resp: 145096

Ion Ratio Lower Upper

138 100

92 51.7 12.6 52.6

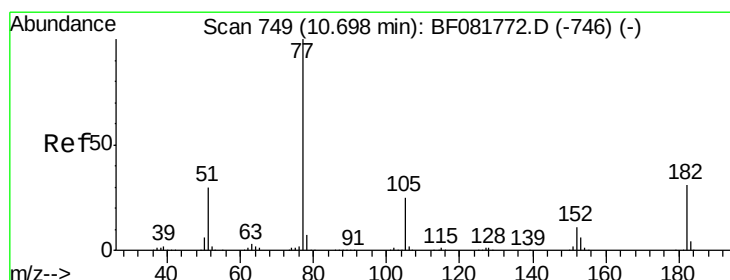
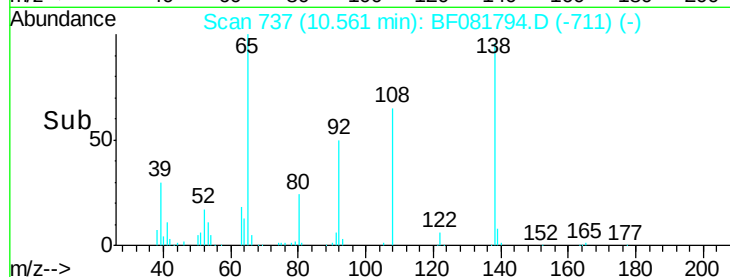
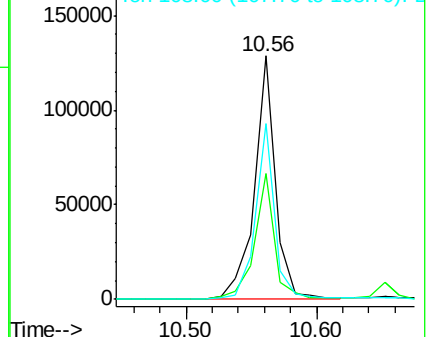
108 72.2 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.14 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion: 77 Resp: 911286

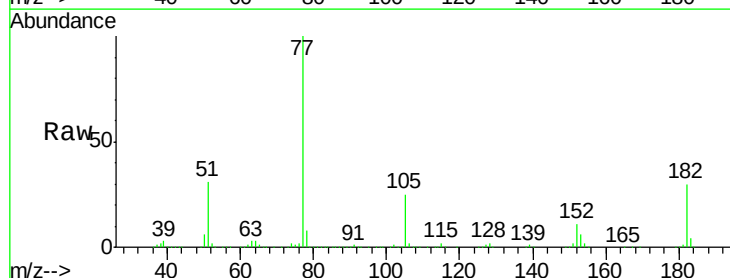
Ion Ratio Lower Upper

77 100

182 30.0 15.1 55.1

105 24.6 3.4 43.4

51 30.7 12.0 52.0

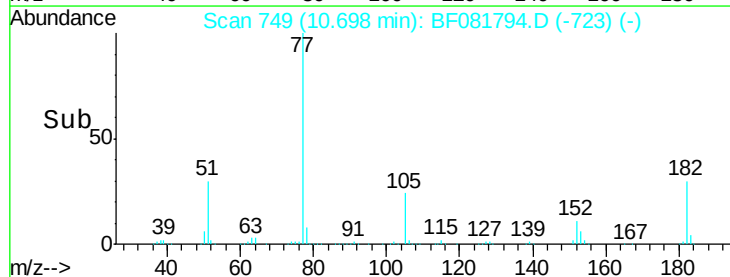
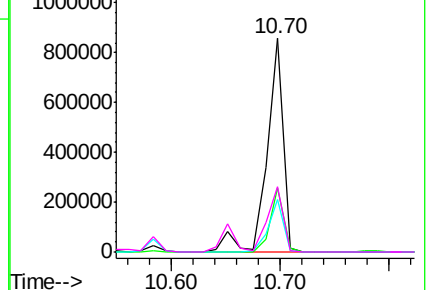


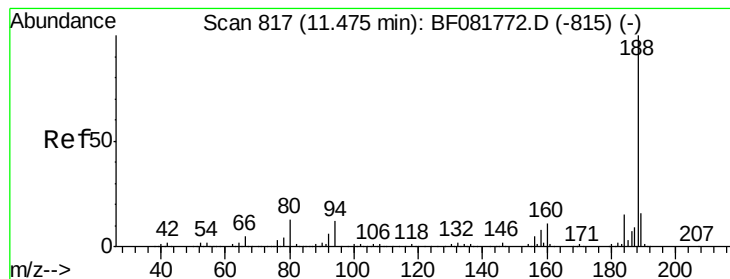
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

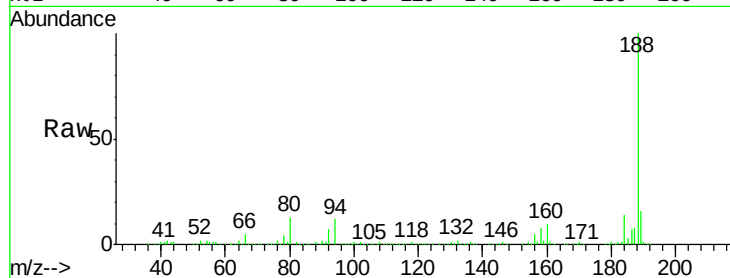
Tgt Ion:188 Resp: 485531

Ion Ratio Lower Upper

188 100

94 11.9 11.1 16.7

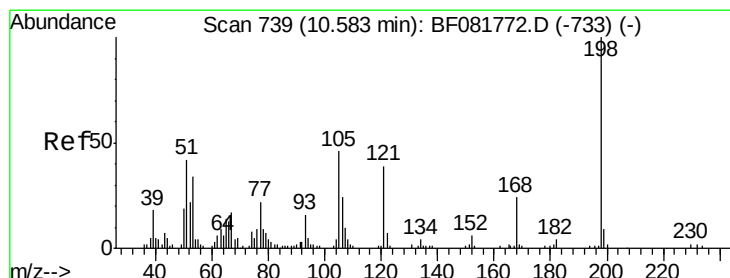
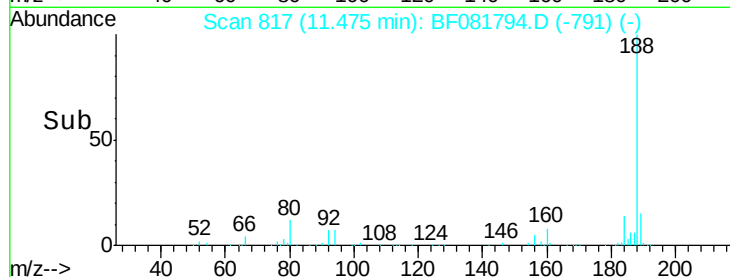
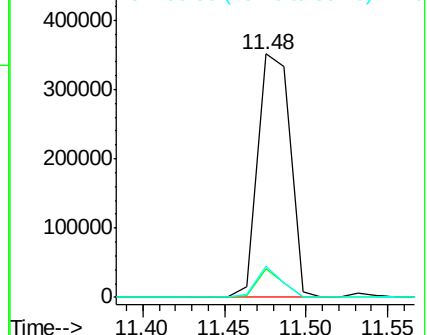
80 12.8 11.0 16.4



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: 63.31 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

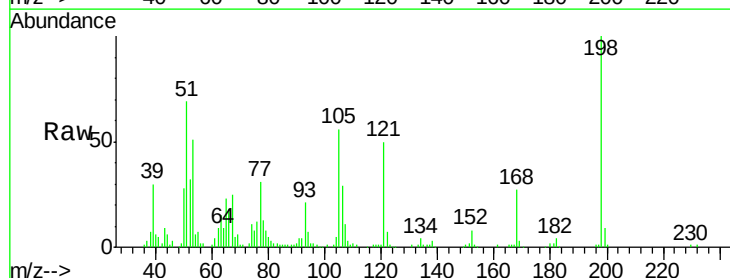
Tgt Ion:198 Resp: 83895

Ion Ratio Lower Upper

198 100

51 68.8 39.6 79.6

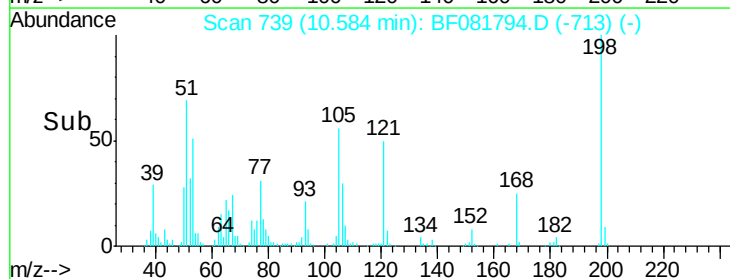
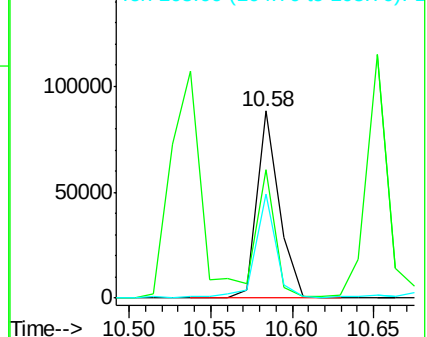
105 56.0 28.5 68.5

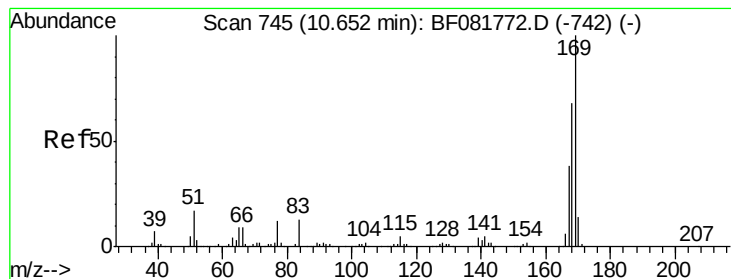


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.77 ng

RT: 10.65 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

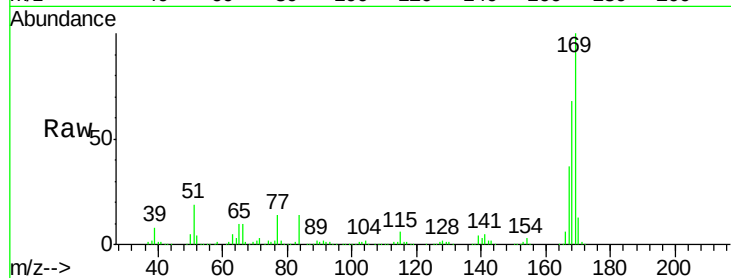
Tgt Ion:169 Resp: 667484

Ion Ratio Lower Upper

169 100

168 67.6 48.9 73.3

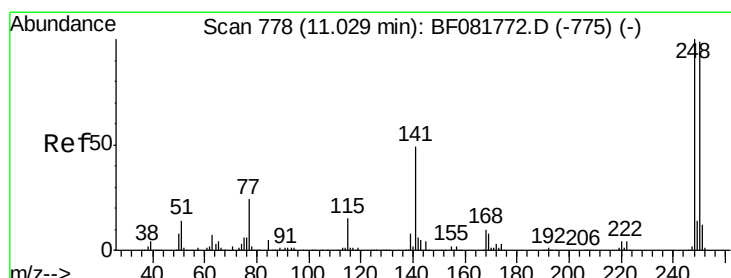
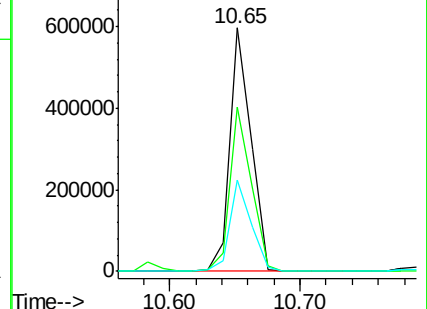
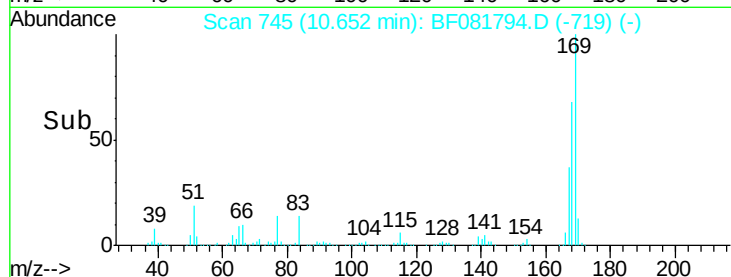
167 37.4 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.19 ng

RT: 11.03 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

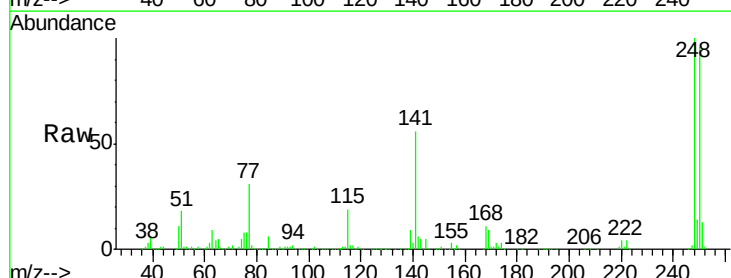
Tgt Ion:248 Resp: 265911

Ion Ratio Lower Upper

248 100

250 95.8 78.5 117.7

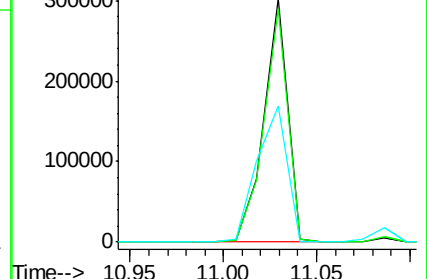
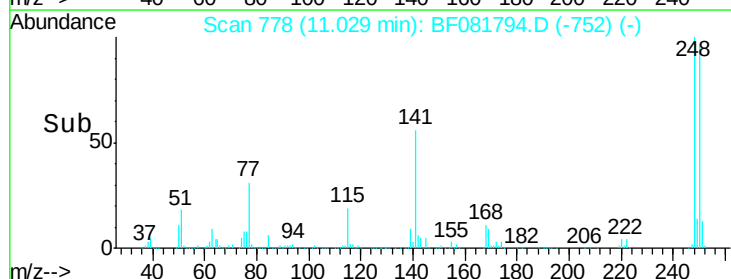
141 56.0 59.0 88.6#

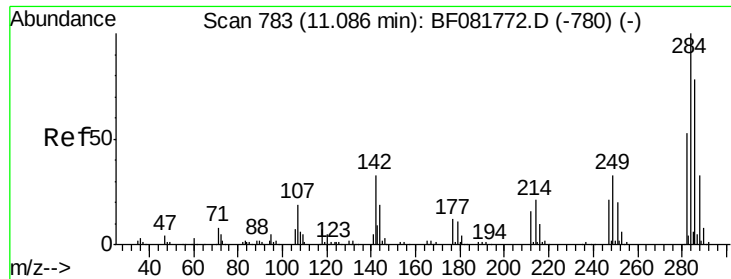


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

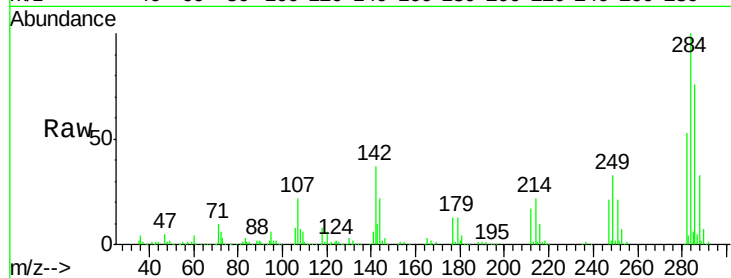




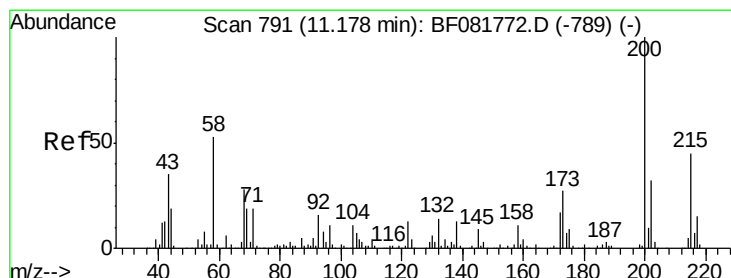
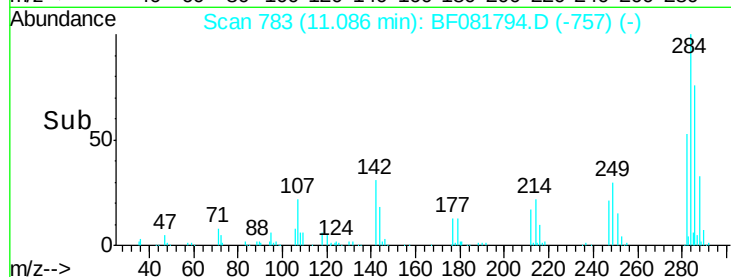
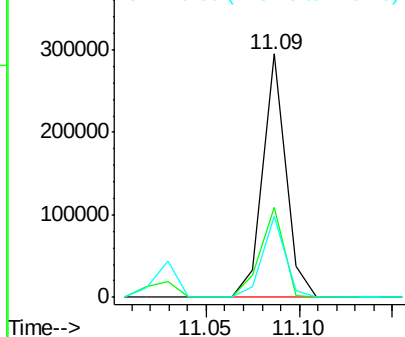
#67
Hexachlorobenzene
Concen: 44.60 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.5	44.3
249	33.1	19.5	29.3

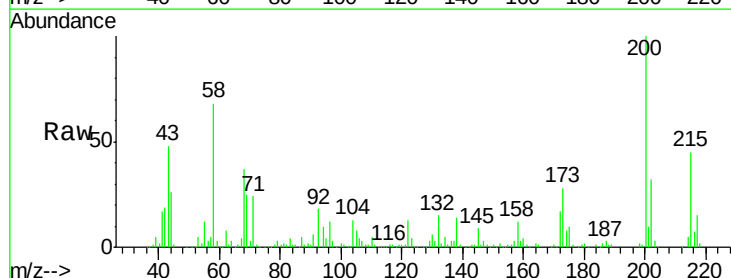


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

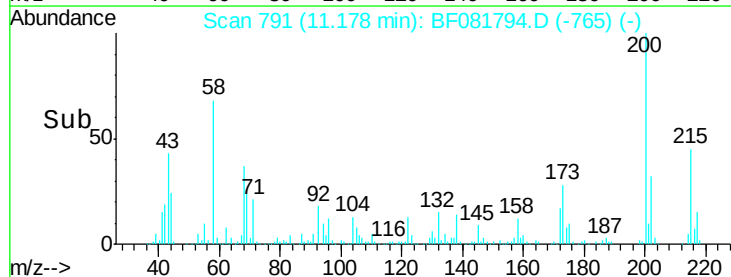
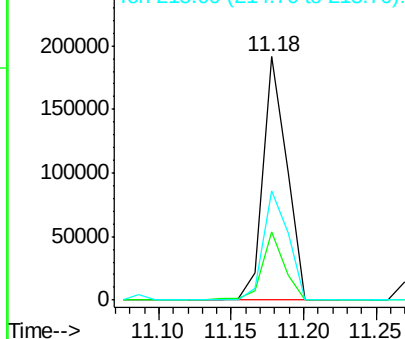


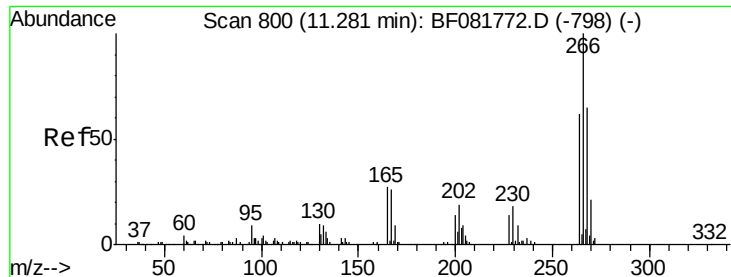
#68
Atrazine
Concen: 44.19 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	13.2	53.2
215	45.0	41.8	81.8



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

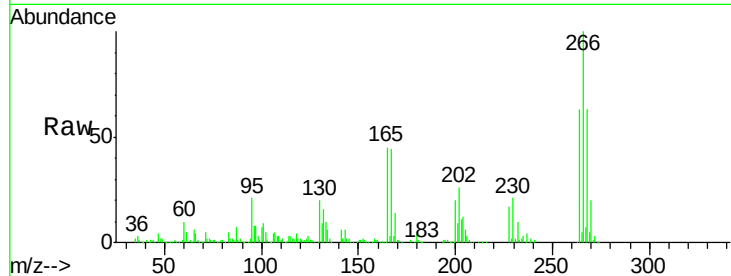




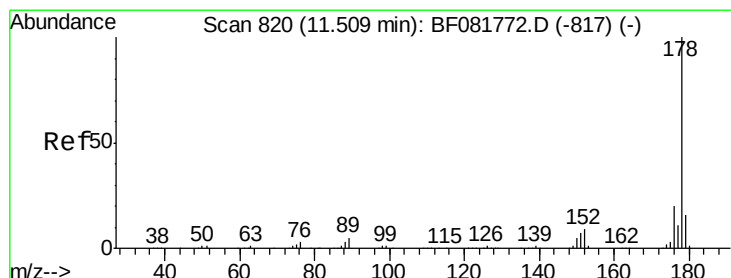
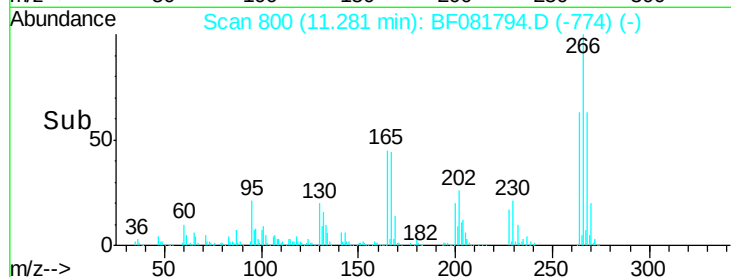
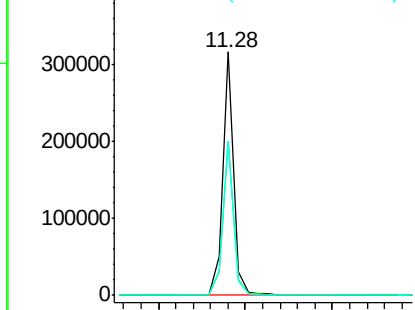
#69
 Pentachlorophenol
 Concen: 89.40 ng
 RT: 11.28 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion: 266 Resp: 281003
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.8 74.6
 264 63.2 50.2 75.2

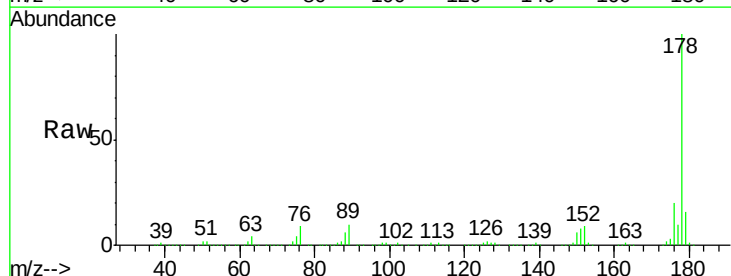


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

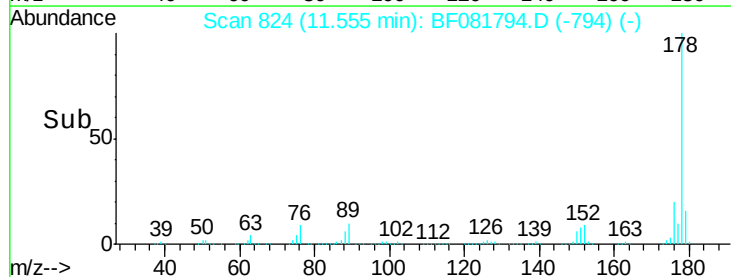
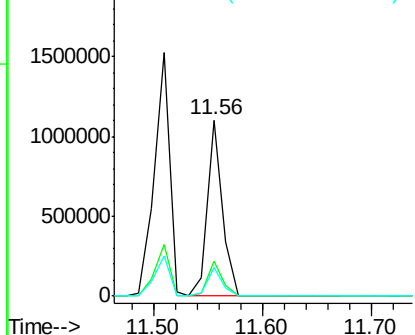


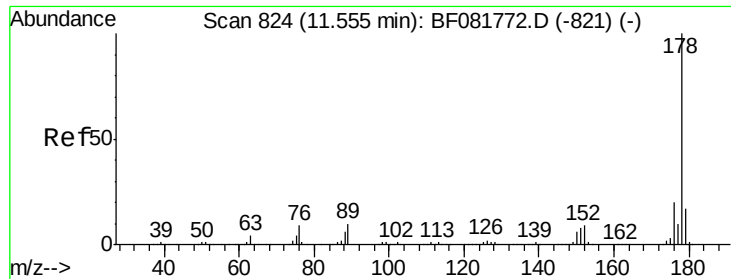
#70
 Phenanthrene
 Concen: 38.77 ng
 RT: 11.56 min Scan# 824
 Delta R.T. 0.05 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion: 178 Resp: 1076307
 Ion Ratio Lower Upper
 178 100
 176 20.0 13.8 20.8
 179 16.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

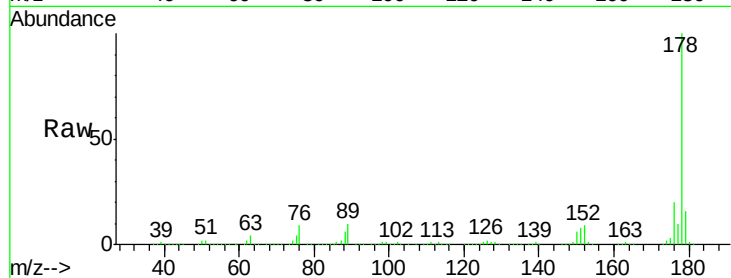




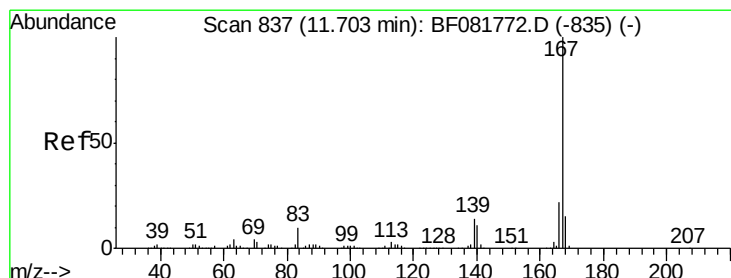
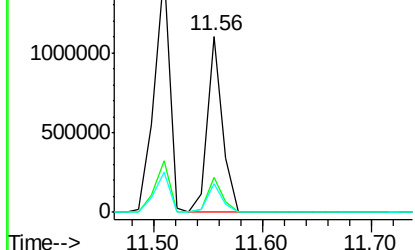
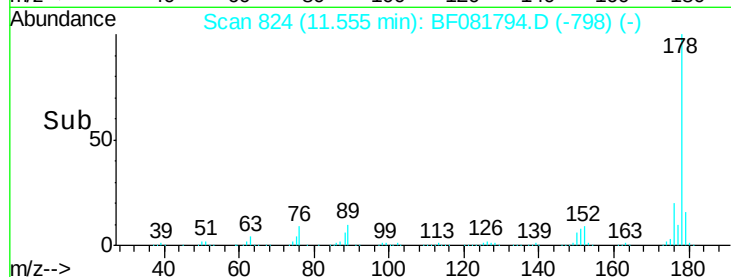
#71
 Anthracene
 Concen: 40.24 ng
 RT: 11.56 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion:178 Resp: 1076307
 Ion Ratio Lower Upper
 178 100
 176 20.0 14.1 21.1
 179 16.2 12.2 18.2

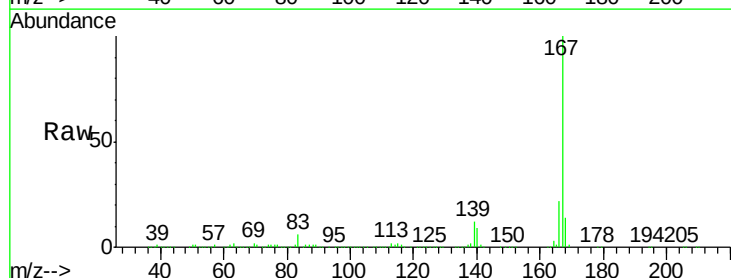


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

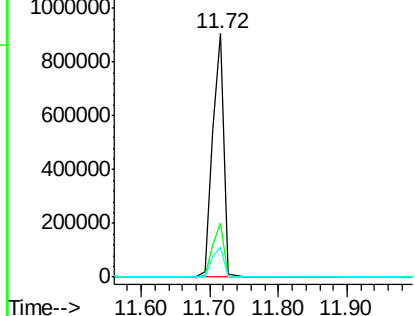
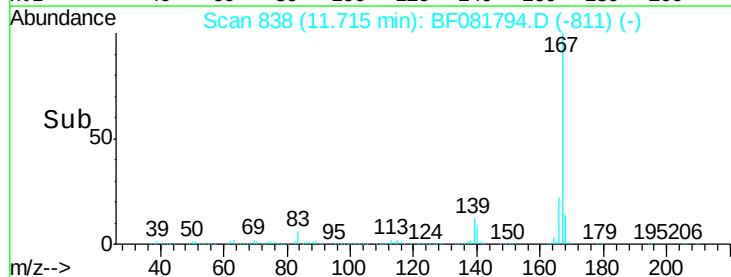


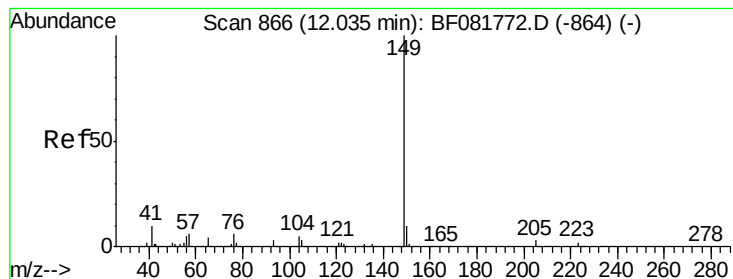
#72
 Carbazole
 Concen: 41.90 ng
 RT: 11.72 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:167 Resp: 1040375
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 12.0 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.96 ng

RT: 12.04 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

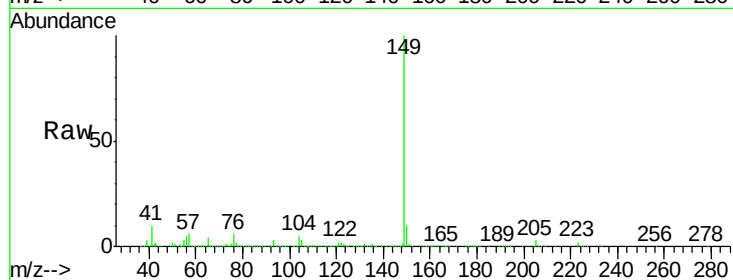
Tgt Ion:149 Resp: 1298479

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

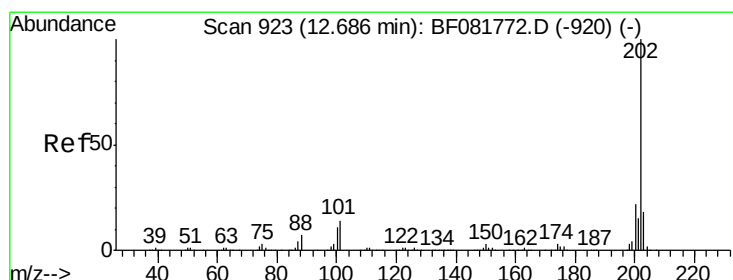
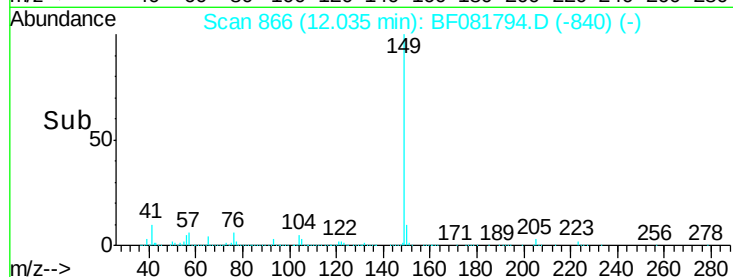
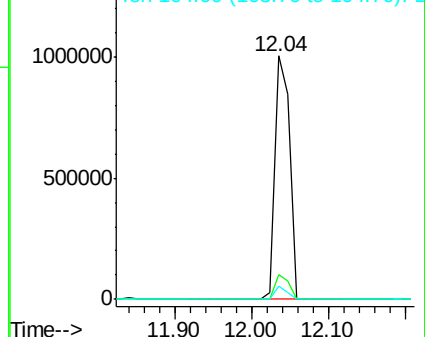
104 5.5 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.30 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

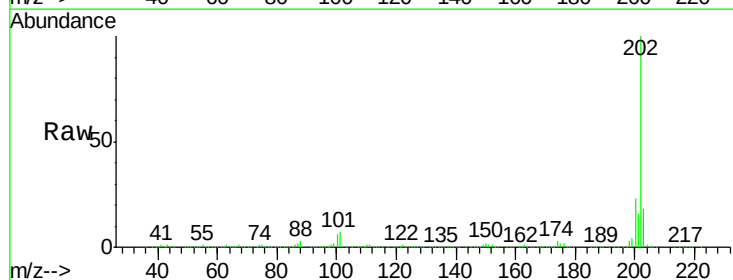
Tgt Ion:202 Resp: 1435040

Ion Ratio Lower Upper

202 100

101 7.3 0.0 38.3

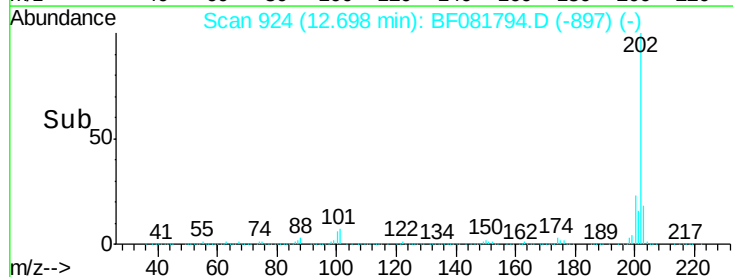
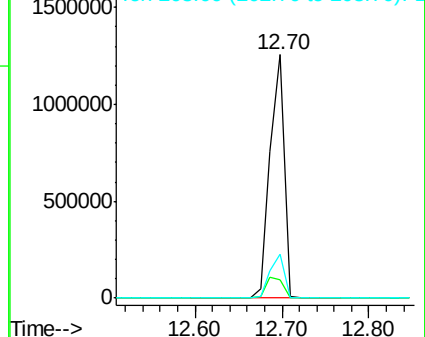
203 18.2 0.0 37.3

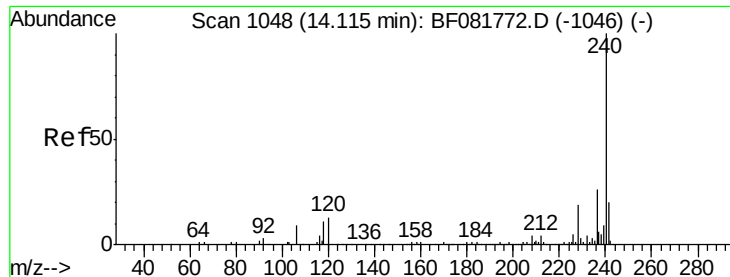


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

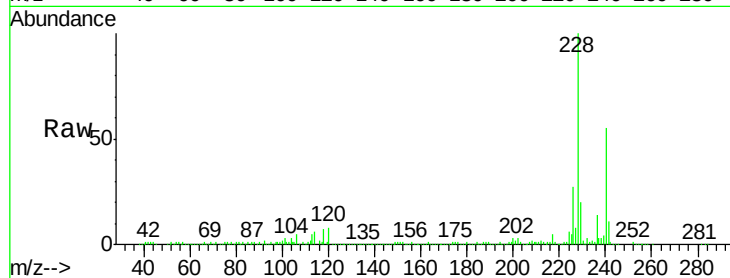
Tgt Ion:240 Resp: 293201

Ion Ratio Lower Upper

240 100

120 14.3 16.2 24.2#

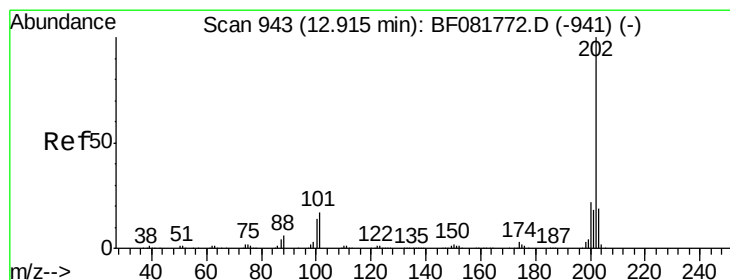
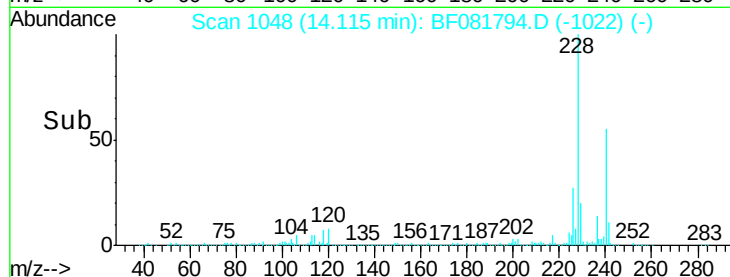
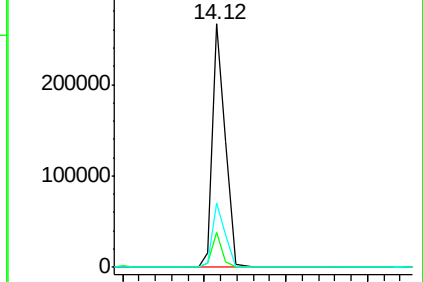
236 26.4 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 59.20 ng

RT: 12.93 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

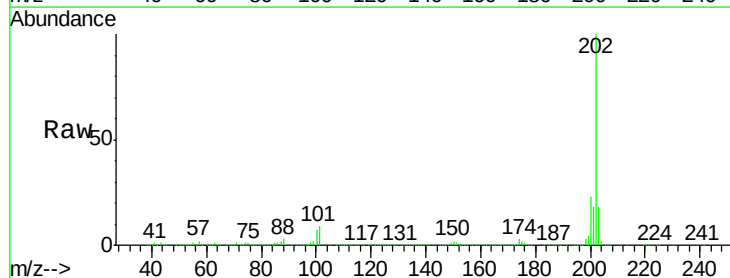
Tgt Ion:202 Resp: 1308707

Ion Ratio Lower Upper

202 100

200 22.7 15.0 22.4#

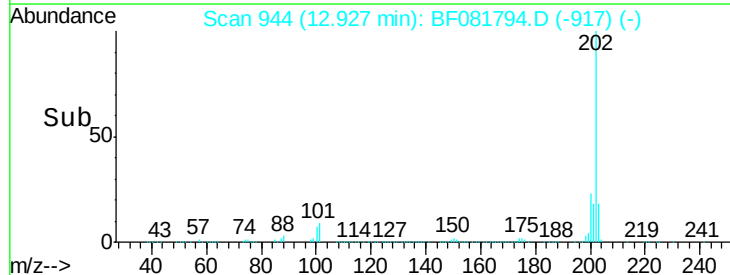
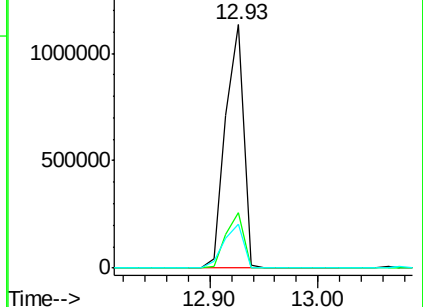
203 18.2 14.1 21.1

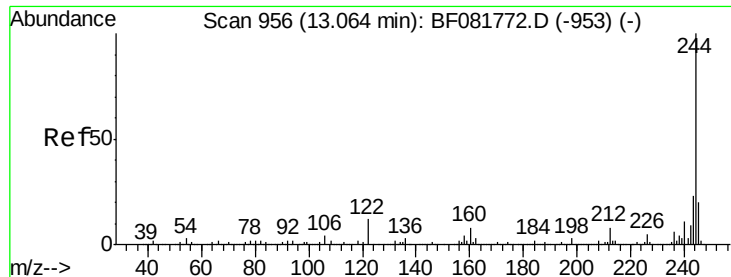


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

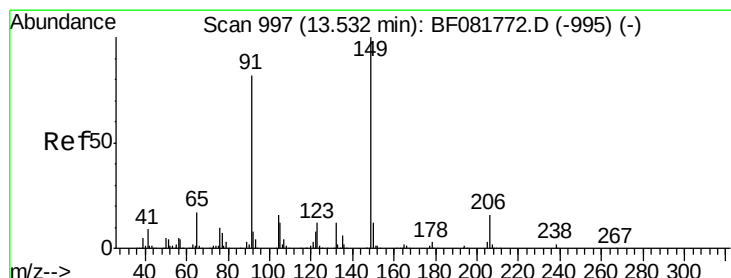
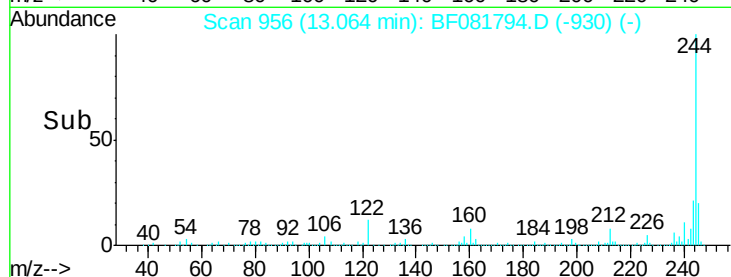
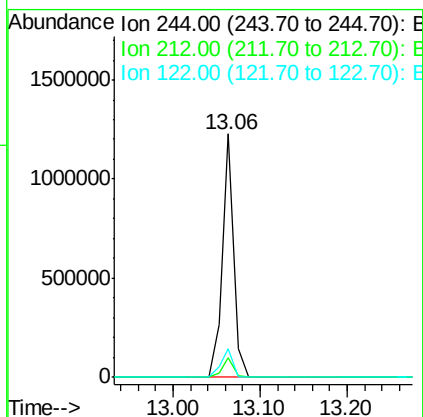
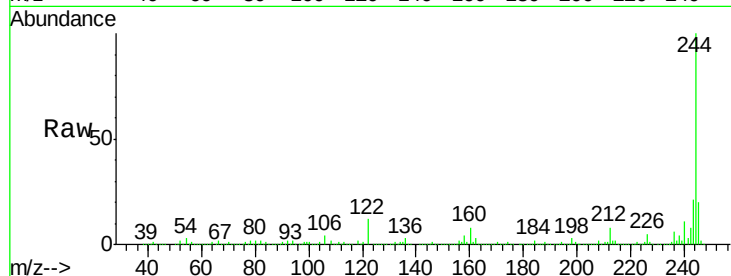




#78
 Terphenyl-d14
 Concen: 88.12 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

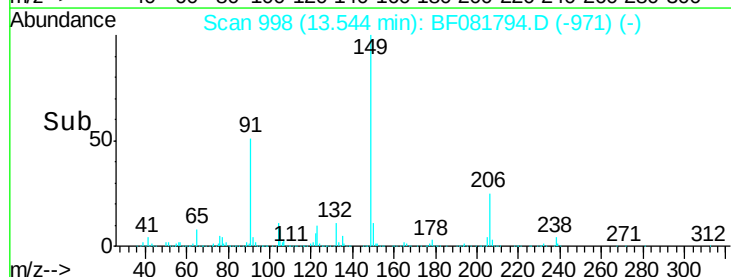
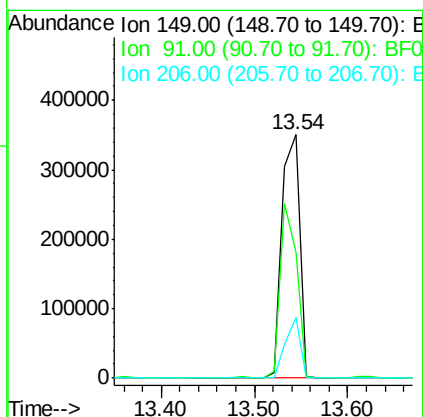
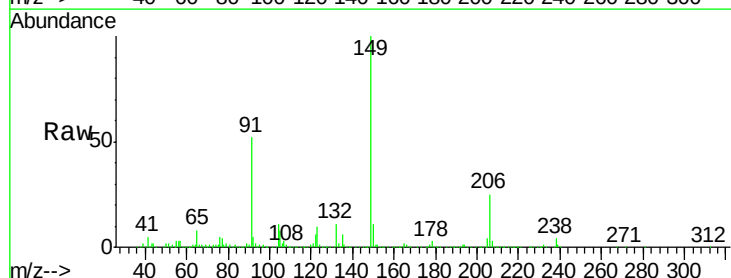
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

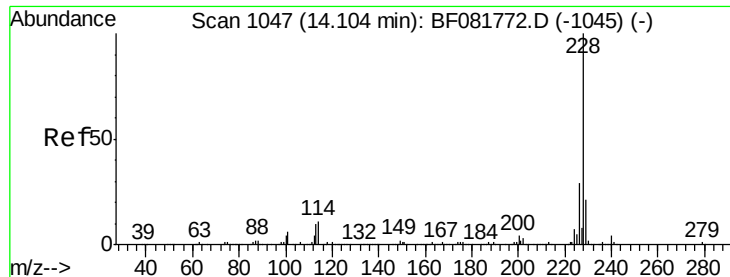
Tgt Ion:244 Resp: 1131047
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.7 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 51.61 ng
 RT: 13.54 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:149 Resp: 454696
 Ion Ratio Lower Upper
 149 100
 91 51.5 48.6 72.8
 206 24.9 14.9 22.3#





#80

Benzo(a)anthracene

Concen: 50.43 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

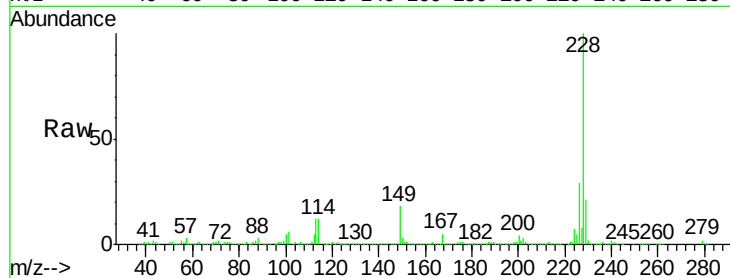
Tgt Ion:228 Resp: 896527

Ion Ratio Lower Upper

228 100

226 28.7 20.0 30.0

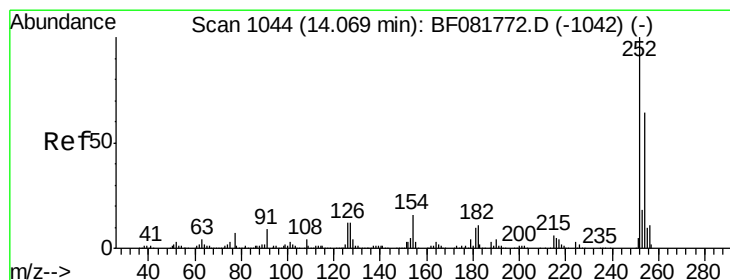
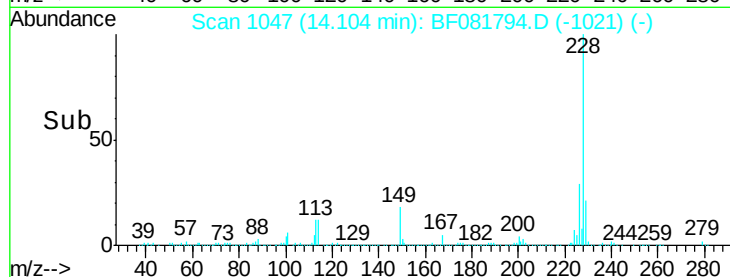
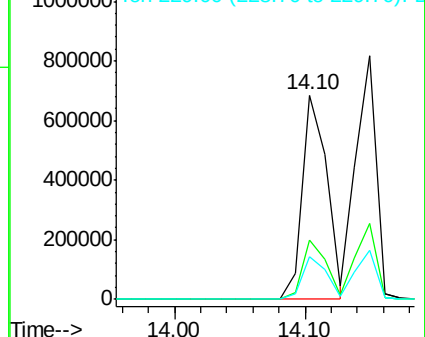
229 20.8 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 14.03 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

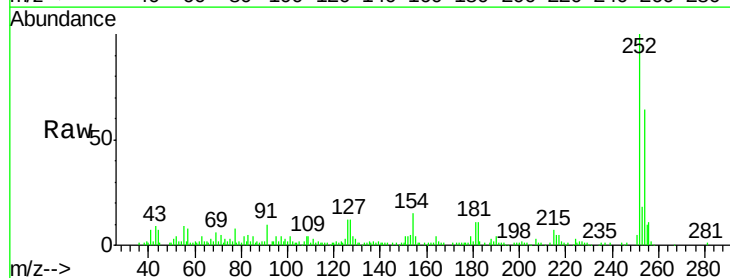
Tgt Ion:252 Resp: 79224

Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

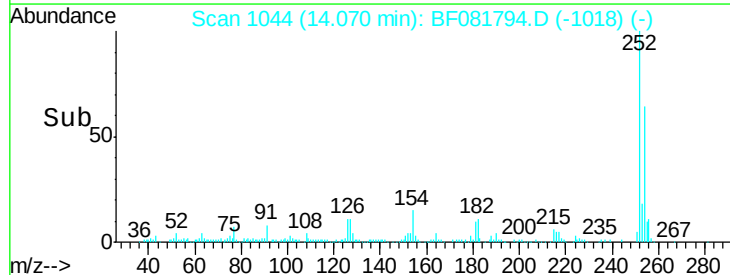
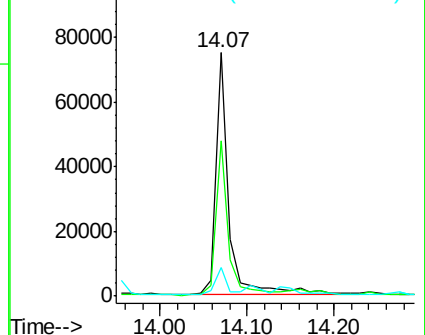
126 11.7 16.4 24.6#

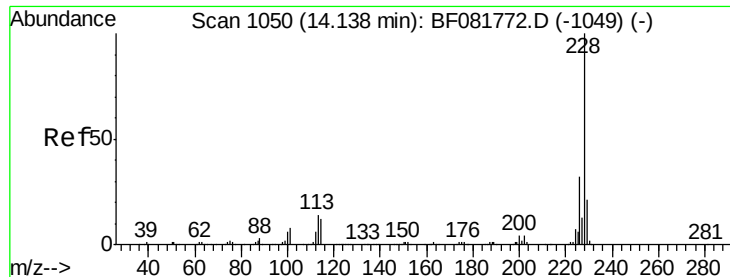


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 51.46 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

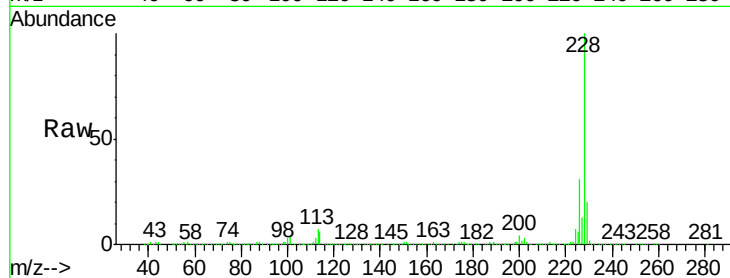
Tgt Ion: 228 Resp: 877467

Ion Ratio Lower Upper

228 100

226 31.4 21.0 31.4

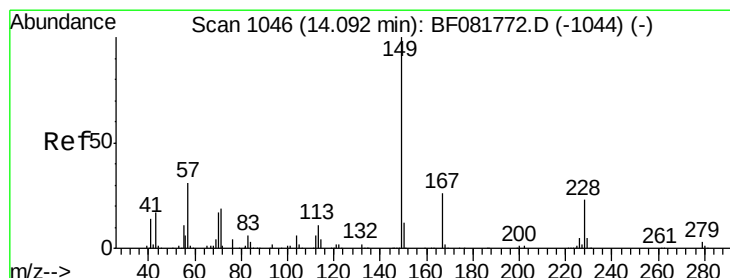
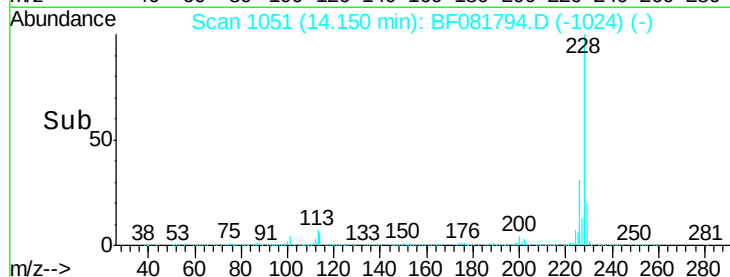
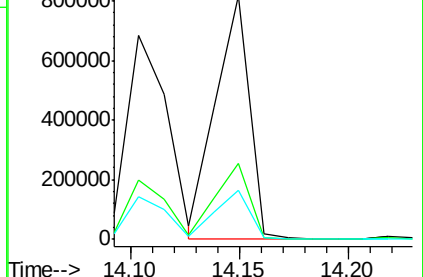
229 20.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 54.64 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

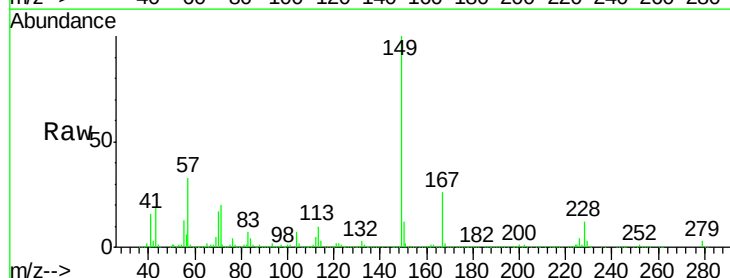
Tgt Ion: 149 Resp: 583663

Ion Ratio Lower Upper

149 100

167 26.2 24.2 36.2

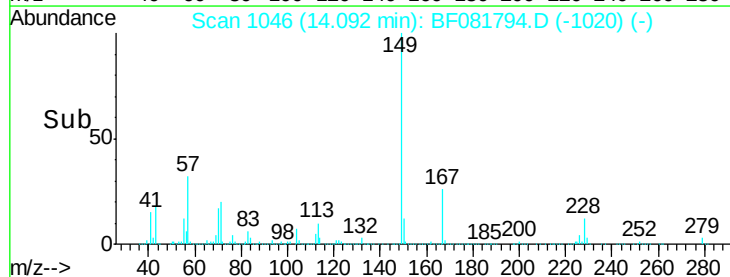
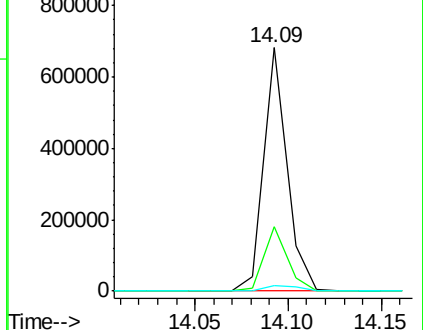
279 2.5 3.8 5.6#

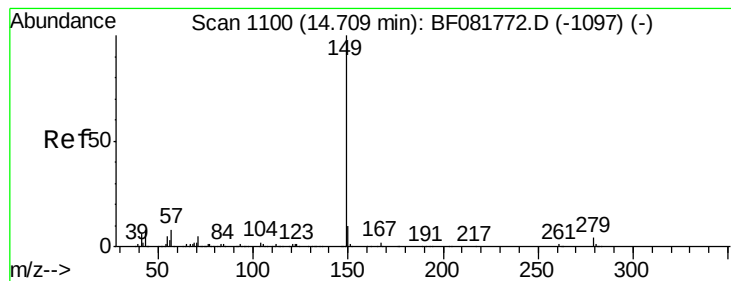


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 63.51 ng

RT: 14.71 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

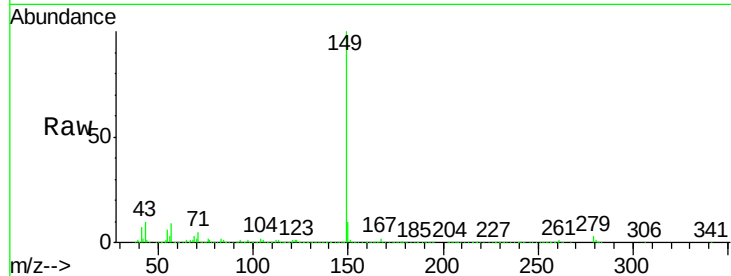
Tgt Ion:149 Resp: 997630

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

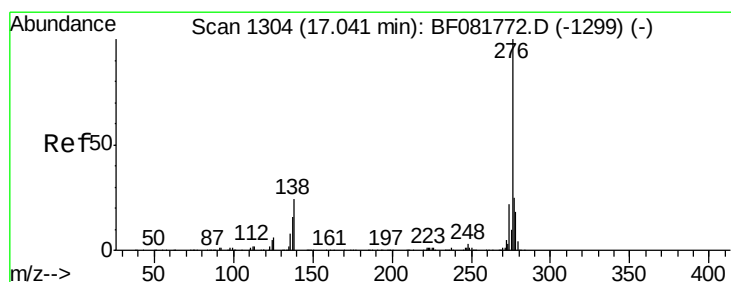
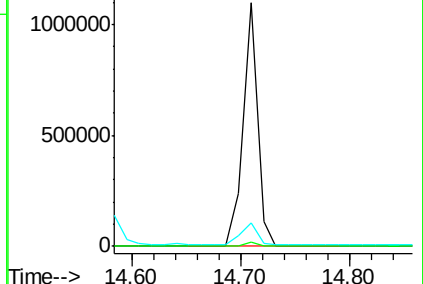
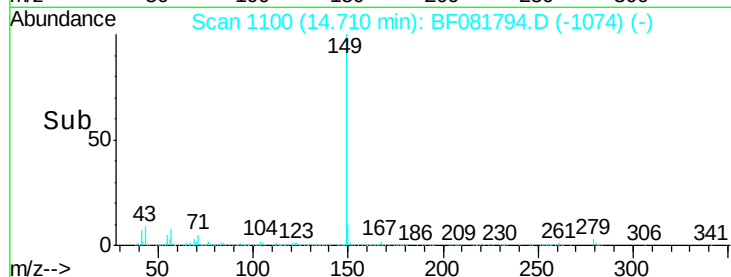
43 10.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 62.37 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

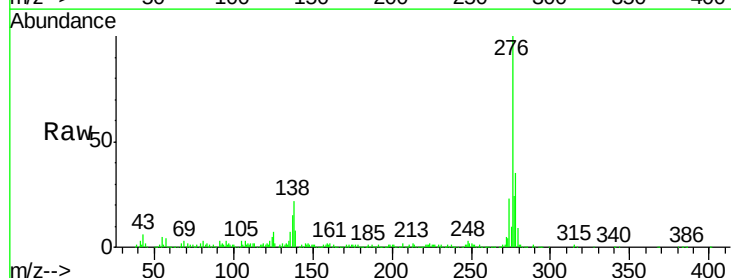
Tgt Ion:276 Resp: 973620

Ion Ratio Lower Upper

276 100

138 24.5 25.7 38.5#

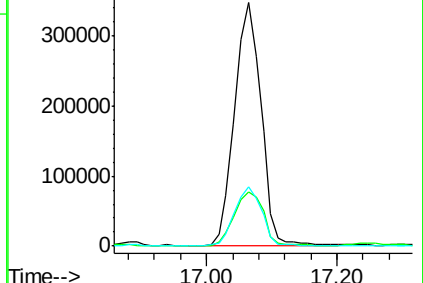
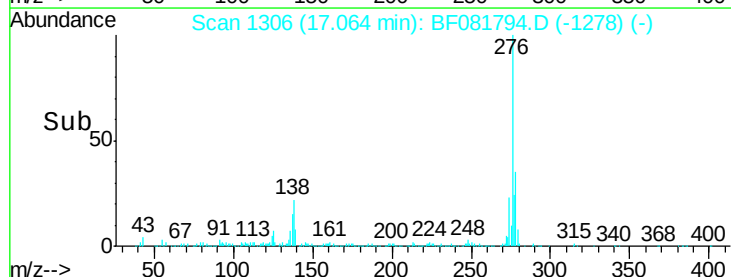
277 25.2 15.6 23.4#

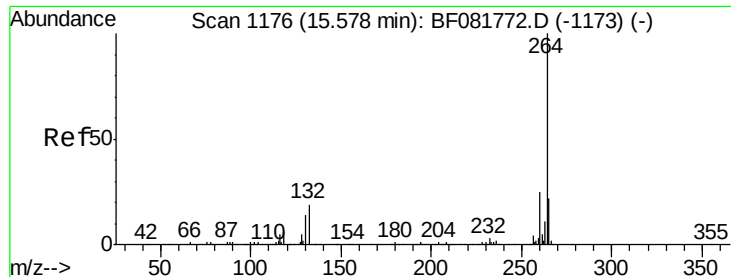


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



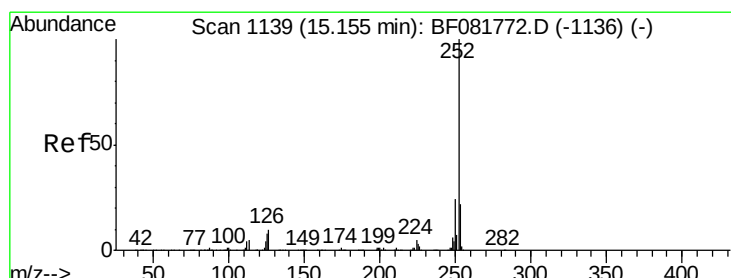
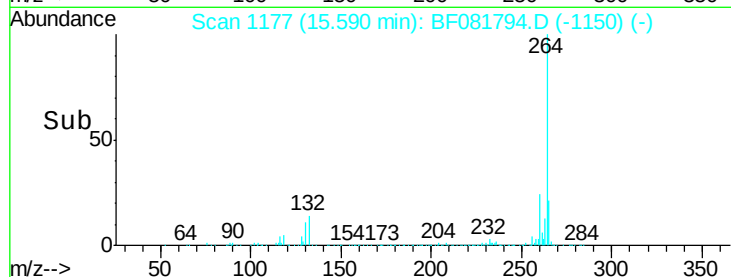
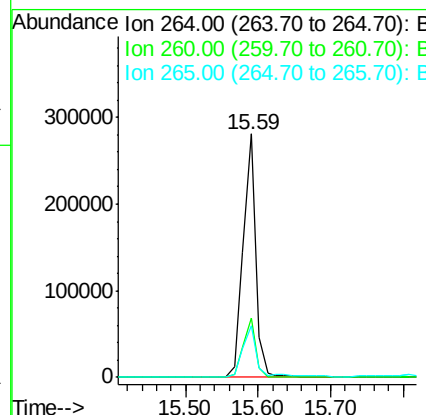
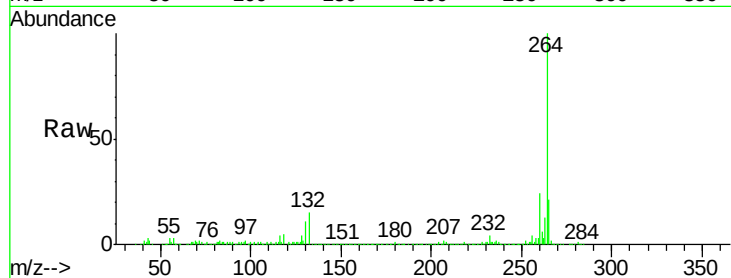


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion: 264 Resp: 341960

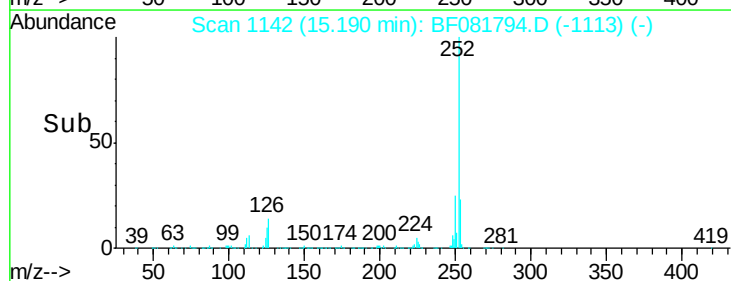
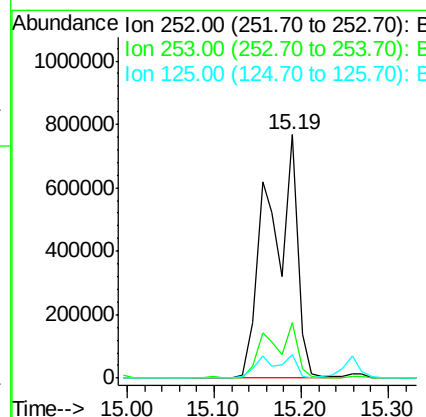
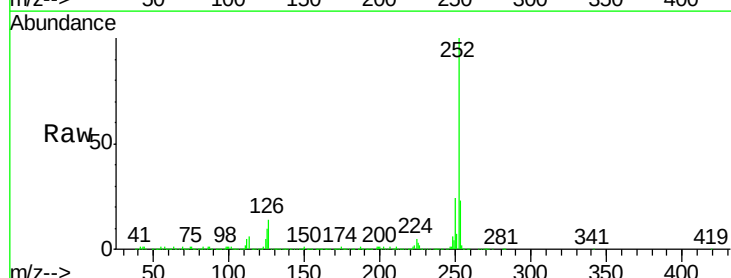
Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.3	17.2	25.8

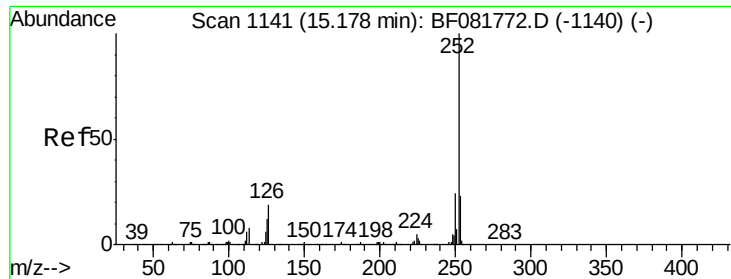


#87
Benzo(b)fluoranthene
Concen: 87.16 ng
RT: 15.19 min Scan# 1142
Delta R.T. 0.03 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion: 252 Resp: 1767507

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.7	17.1	25.7#

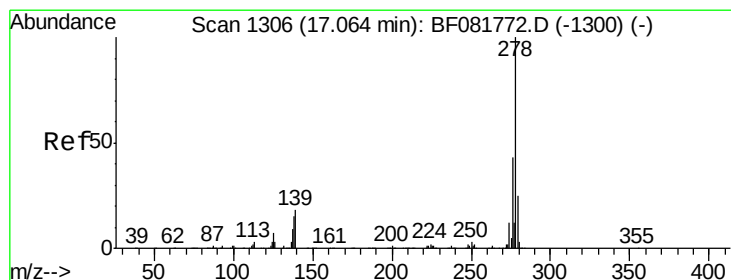
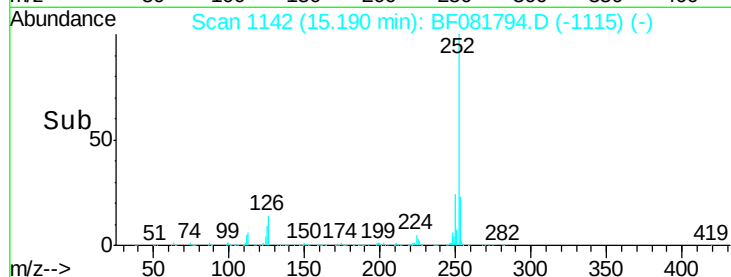
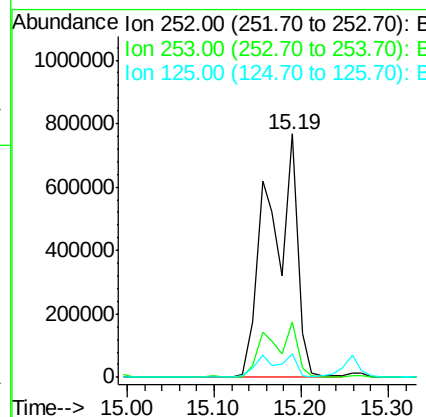
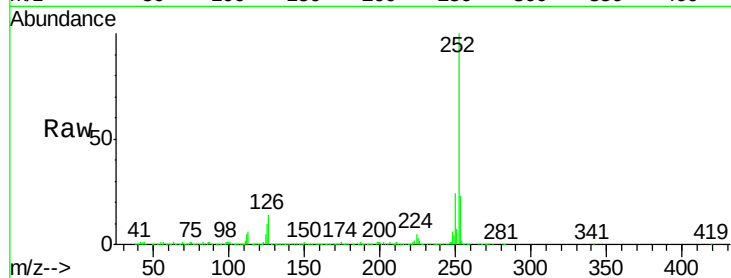




#88
Benzo(k)fluoranthene
Concen: 90.49 ng
RT: 15.19 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

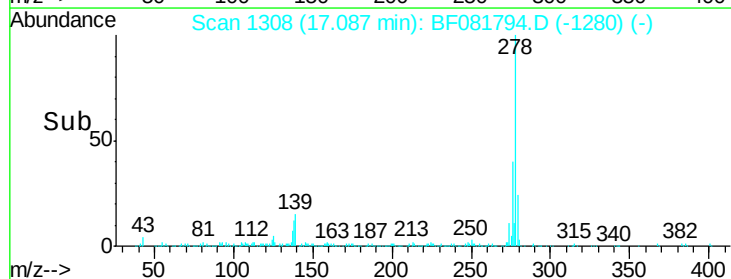
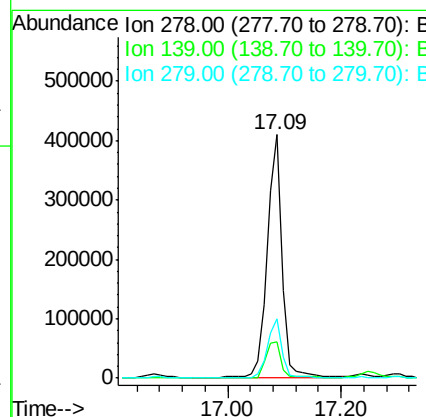
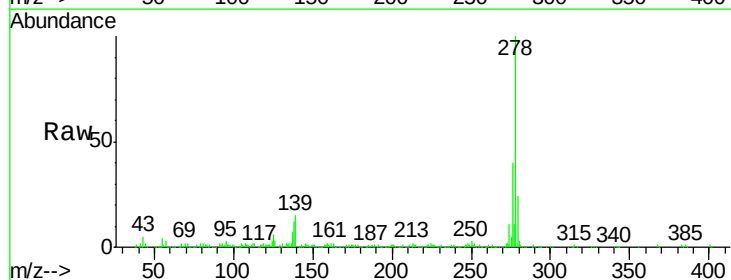
Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

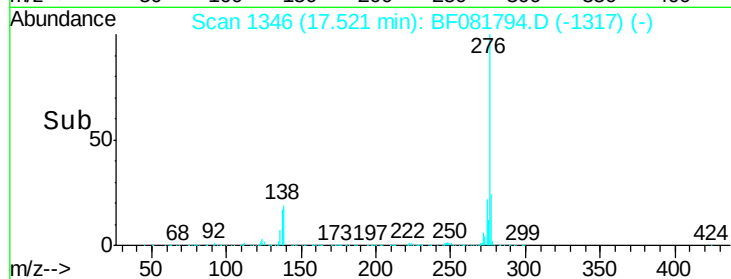
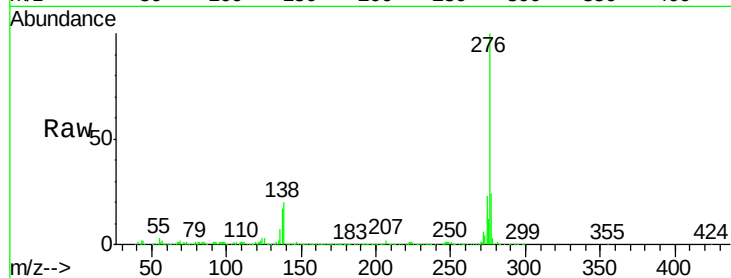
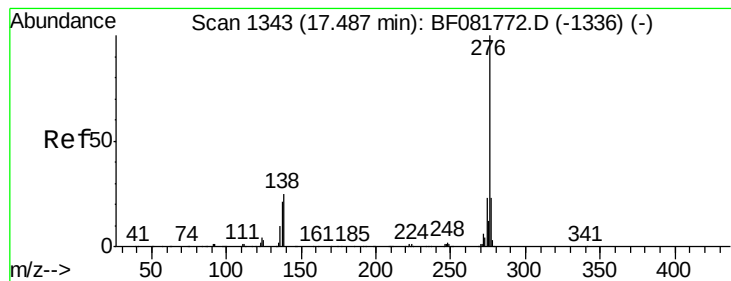
Tgt Ion:252 Resp: 1767507
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 9.7 16.0 24.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.49 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion:278 Resp: 753544
Ion Ratio Lower Upper
278 100
139 14.8 26.3 39.5#
279 24.3 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 40.77 ng

RT: 17.52 min Scan# 1346

Delta R.T. 0.03 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion: 276 Resp: 802015

Ion Ratio Lower Upper

276 100

277 23.9 17.8 26.6

138 19.5 34.6 51.8#

