

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080828.D
 Acq On : 4 Aug 2015 7:10
 Operator : TP
 Sample : PB84815BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Quant Time: Aug 04 08:44:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184866	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	683933	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	345555	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	629154	20.00	ng	0.00
75) Chrysene-d12	13.99	240	382349	20.00	ng	0.00
86) Perylene-d12	15.39	264	328326	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1098185	99.04	ng	0.01
7) Phenol-d6	6.46	99	1510595	101.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	1065231	76.86	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	406407	122.73	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1733322	75.82	ng	0.00
78) Terphenyl-d14	12.93	244	1461710	76.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	165759	29.51	ng	99
3) Pyridine	3.29	79	519650	35.03	ng	97
4) n-Nitrosodimethylamine	3.24	42	260801	31.65	ng	99
6) Aniline	6.50	93	511653	23.99	ng	94
8) 2-Chlorophenol	6.61	128	408959	33.29	ng	# 72
9) Benzaldehyde	6.37	77	82791	7.14	ng	90
10) Phenol	6.48	94	541052	31.06	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	421258	33.72	ng	84
12) 1,3-Dichlorobenzene	6.77	146	462896	33.61	ng	97
13) 1,4-Dichlorobenzene	6.85	146	480881	35.04	ng	97
14) 1,2-Dichlorobenzene	6.85	146	480881	37.88	ng	97
15) Benzyl Alcohol	6.98	79	326267	32.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866873	35.10	ng	98
17) 2-Methylphenol	7.09	107	387245	35.75	ng	98
18) Hexachloroethane	7.34	117	174026	34.40	ng	# 90
19) n-Nitroso-di-n-propylamine	7.25	70	353135	36.60	ng	# 92
20) 3+4-Methylphenols	7.24	107	453443	36.04	ng	94
22) Acetophenone	7.24	105	571898	34.44	ng	# 82
24) Nitrobenzene	7.41	77	474288	33.53	ng	# 87
25) Isophorone	7.65	82	881434	35.56	ng	95
26) 2-Nitrophenol	7.73	139	233208	38.57	ng	88
27) 2,4-Dimethylphenol	7.77	122	445025	38.63	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	586638	39.17	ng	99
29) 2,4-Dichlorophenol	7.97	162	367968	38.17	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	369863	35.15	ng	97
31) Naphthalene	8.13	128	1187119	35.33	ng	99
32) Benzoic acid	7.88	122	243314	34.87	ng	96
33) 4-Chloroaniline	8.19	127	300801	21.28	ng	# 92
34) Hexachlorobutadiene	8.26	225	231587	35.87	ng	98
35) Caprolactam	8.54	113	73566	27.55	ng	# 59
36) 4-Chloro-3-methylphenol	8.67	107	408587	39.79	ng	99
37) 2-Methylnaphthalene	8.83	142	836121	39.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	330576	30.13	ng	# 98
40) Hexachlorocyclopentadiene	8.99	237	488826	72.81	ng	99

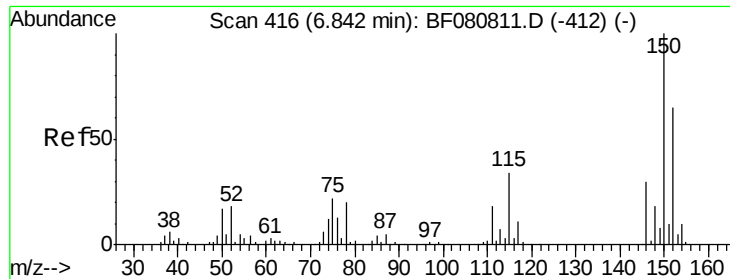
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	257759	33.08	nq	100
43) 2,4,5-Trichlorophenol	9.15	196	275865	36.17	nq	# 86
45) 1,1'-Biphenyl	9.29	154	897120	34.30	nq	95
46) 2-Chloronaphthalene	9.31	162	737840	33.99	nq	# 92
47) 2-Nitroaniline	9.41	65	323678	40.37	nq	98
48) Acenaphthylene	9.73	152	1255948	37.10	nq	100
49) Dimethylphthalate	9.60	163	846486	36.67	nq	100
50) 2,6-Dinitrotoluene	9.65	165	182782	36.76	nq	96
51) Acenaphthene	9.90	154	857290	42.04	nq	100
52) 3-Nitroaniline	9.82	138	143576	24.89	nq	81
53) 2,4-Dinitrophenol	9.93	184	238883	93.91	nq	# 81
54) Dibenzofuran	10.08	168	1059351	39.24	nq	99
55) 4-Nitrophenol	9.98	139	341073	82.70	nq	# 86
56) 2,4-Dinitrotoluene	10.05	165	232673	37.02	nq	99
57) Fluorene	10.42	166	821723	39.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	226437	41.30	nq	95
59) Diethylphthalate	10.29	149	826145	37.47	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	355197	34.58	nq	97
61) 4-Nitroaniline	10.43	138	175363	32.84	nq	97
62) Azobenzene	10.57	77	981649	38.44	nq	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	155091	39.99	nq	97
65) n-Nitrosodiphenylamine	10.53	169	770982	35.01	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	243811	35.27	nq	97
67) Hexachlorobenzene	10.97	284	281027	35.91	nq	97
68) Atrazine	11.06	200	249102	49.60	nq	99
69) Pentachlorophenol	11.15	266	318835	76.33	nq	97
70) Phenanthrene	11.38	178	1225754	37.46	nq	99
71) Anthracene	11.42	178	1107569	34.29	nq	100
72) Carbazole	11.57	167	1029057	36.79	nq	# 97
73) Di-n-butylphthalate	11.92	149	1238792	36.99	nq	100
74) Fluoranthene	12.56	202	1107918	35.35	nq	98
76) Benzidine	12.68	184	426691	30.53	nq	98
77) Pyrene	12.79	202	1165612	41.13	nq	100
79) Butylbenzylphthalate	13.41	149	497502	44.57	nq	98
80) Benzo(a)anthracene	13.97	228	859913	39.39	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	207241	26.76	nq	# 98
82) Chrysene	14.01	228	853243	40.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	616535	44.75	nq	98
84) Di-n-octyl phthalate	14.58	149	944213	43.33	nq	98
85) Indeno(1,2,3-cd)pyrene	16.76	276	727727	37.39	nq	99
87) Benzo(b)fluoranthene	15.01	252	1336541	69.54	nq	99
88) Benzo(k)fluoranthene	15.01	252	1336541	79.80	nq	98
89) Benzo(a)pyrene	15.33	252	629255	38.39	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	614037	38.67	nq	99
91) Benzo(g,h,i)perylene	17.17	276	628774	37.98	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

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PB84815BS

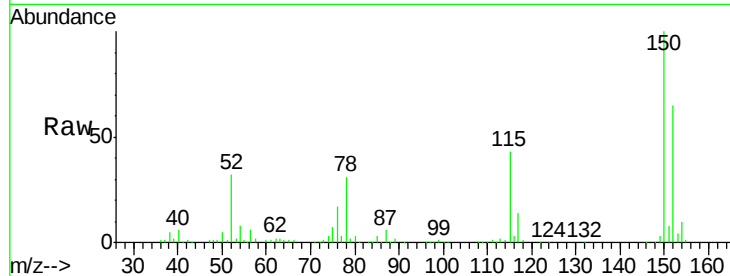
Tot Ion:152 Resp: 184866

Ion Ratio Lower Upper

152 100

150 154.0 122.9 184.3

115 65.5 42.0 63.0#

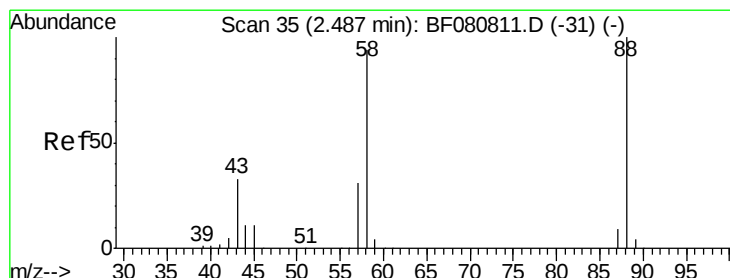
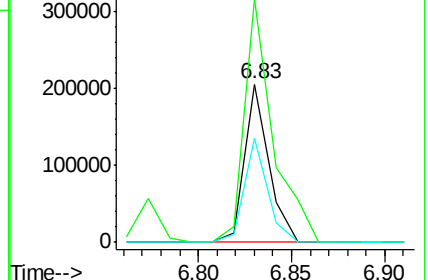
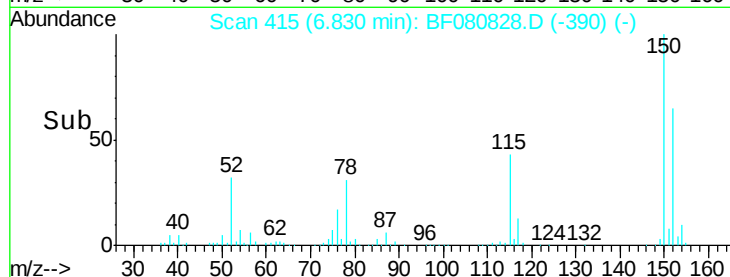


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 29.51 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.10 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

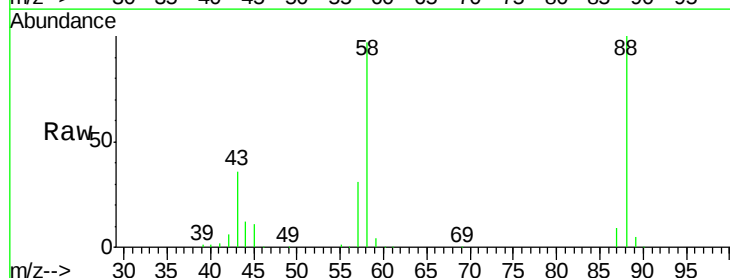
Tgt Ion: 88 Resp: 165759

Ion Ratio Lower Upper

88 100

58 98.3 78.2 117.4

43 36.1 27.6 41.4

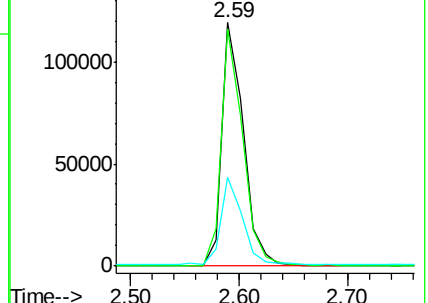
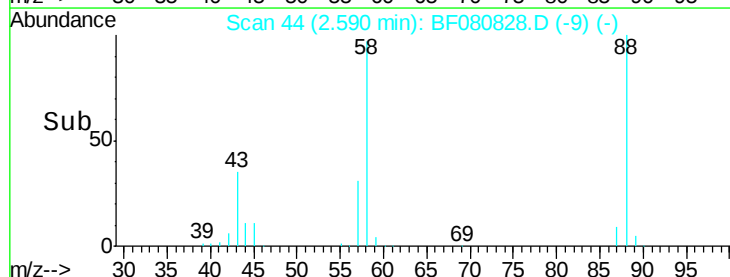


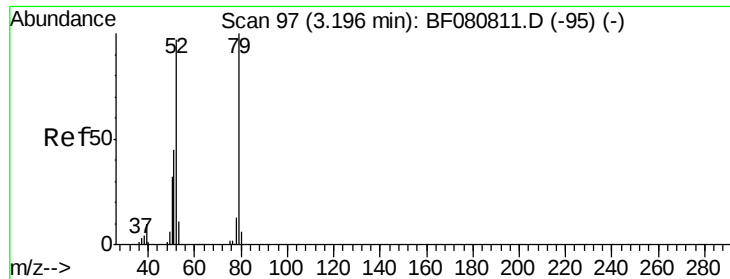
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

Time-->





#3

Pvridine

Concen: 35.03 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

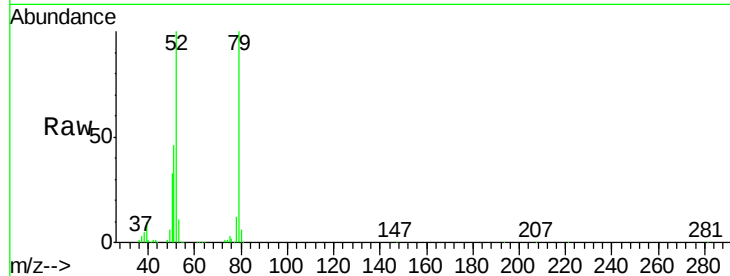
Tot Ion: 79 Resp: 519650

Ion Ratio Lower Upper

79 100

52 100.3 77.7 116.5

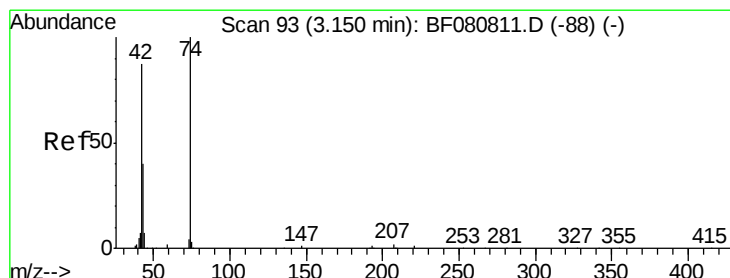
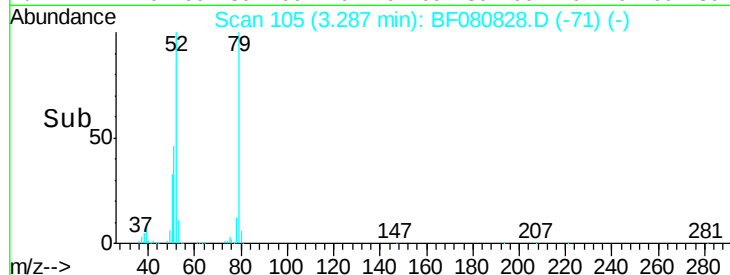
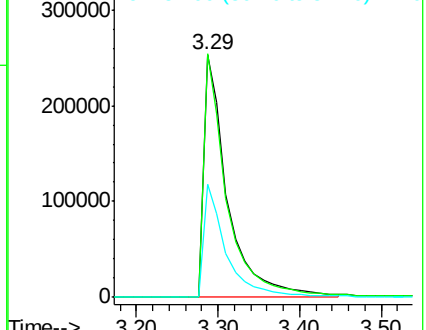
51 46.5 35.8 53.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.65 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.09 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

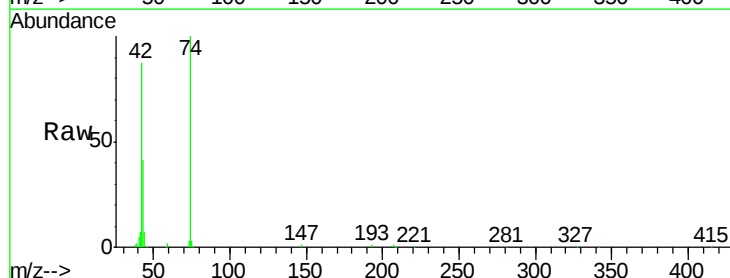
Tgt Ion: 42 Resp: 260801

Ion Ratio Lower Upper

42 100

74 114.4 92.4 138.6

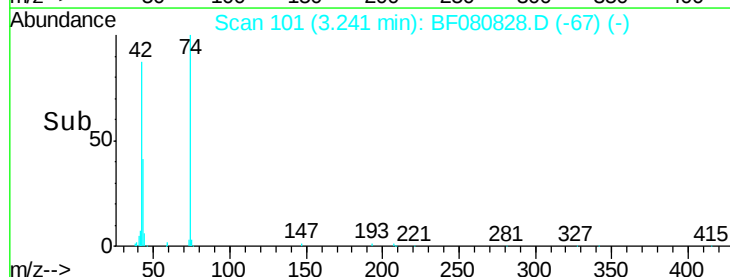
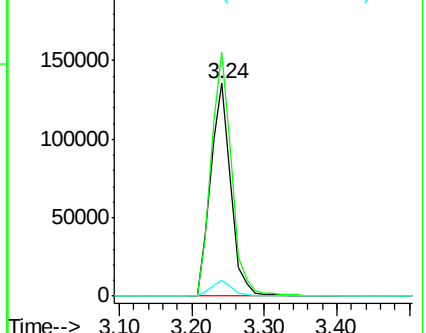
44 7.7 6.2 9.2

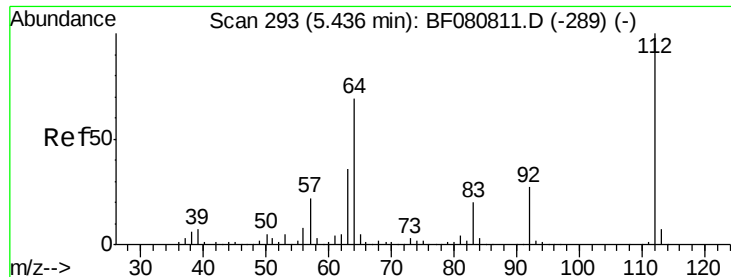


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.04 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

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ClientSampleId :

PB84815BS

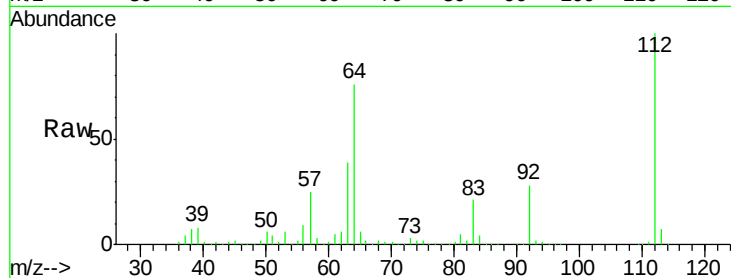
Tot Ion:112 Resp: 1098185

Ion Ratio Lower Upper

112 100

64 76.4 55.0 82.4

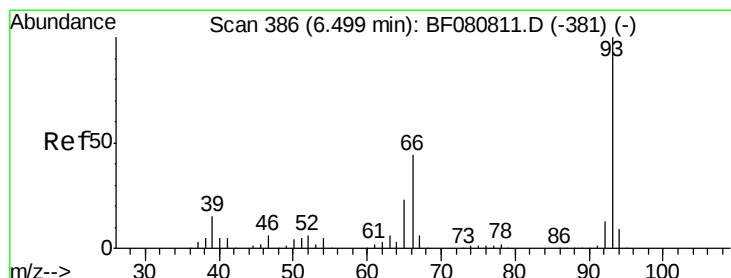
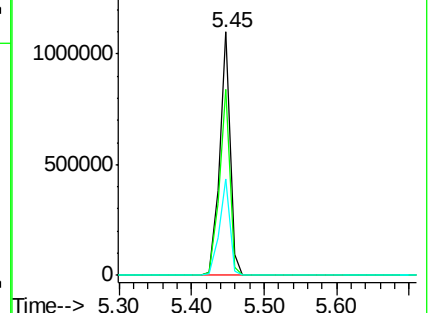
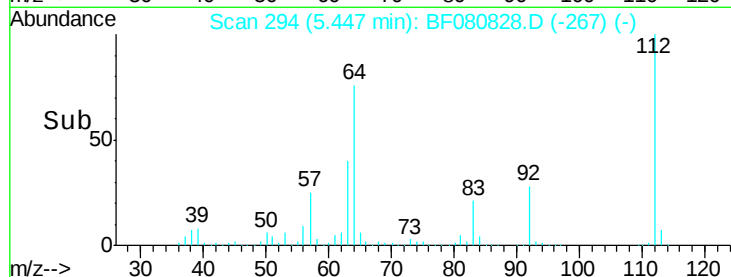
63 39.5 28.6 42.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.99 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

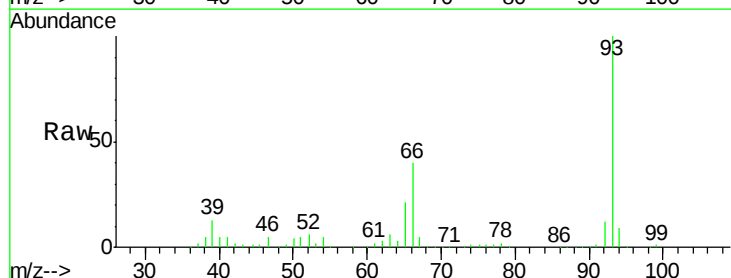
Tgt Ion: 93 Resp: 511653

Ion Ratio Lower Upper

93 100

66 40.1 35.3 52.9

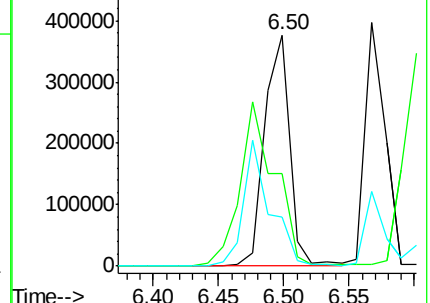
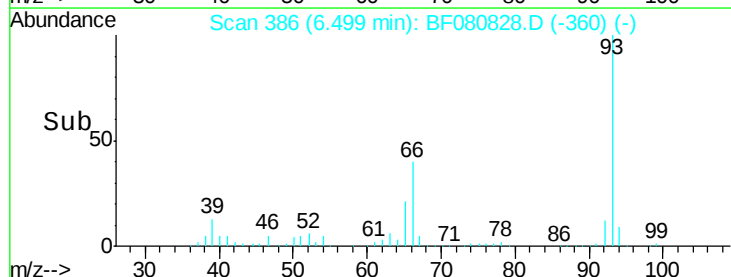
65 21.2 18.7 28.1

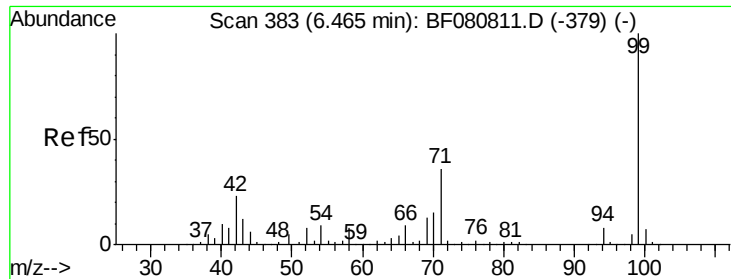


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.28 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

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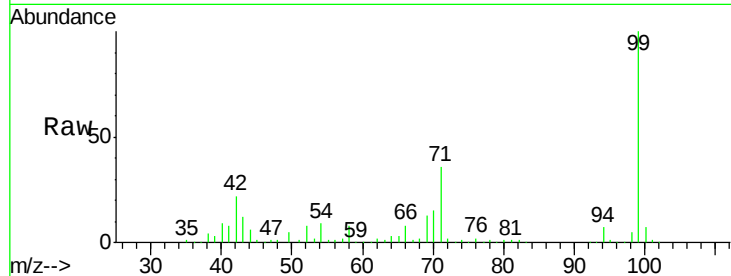
Tot Ion: 99 Resp: 1510595

Ion Ratio Lower Upper

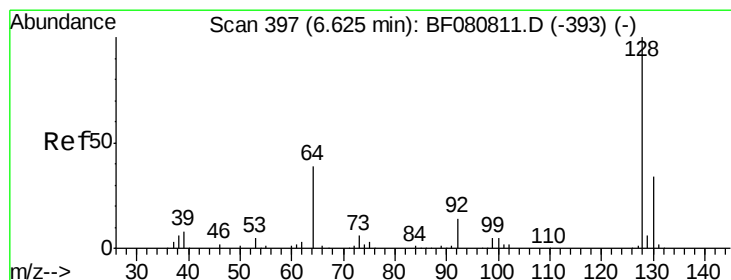
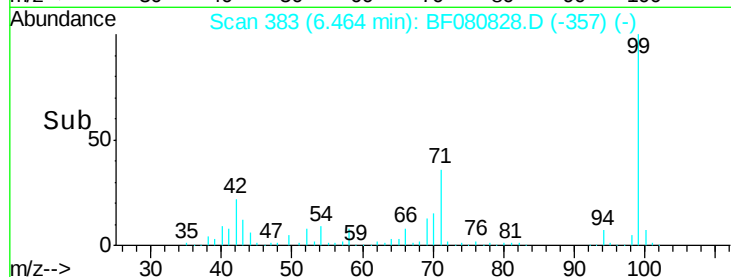
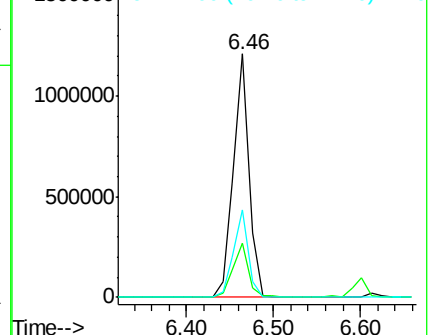
99 100

42 22.4 18.4 27.6

71 36.0 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.29 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

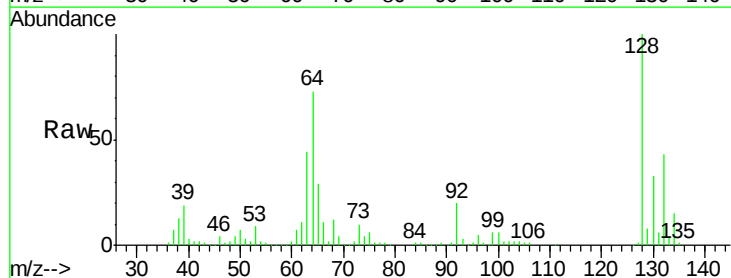
Tgt Ion: 128 Resp: 408959

Ion Ratio Lower Upper

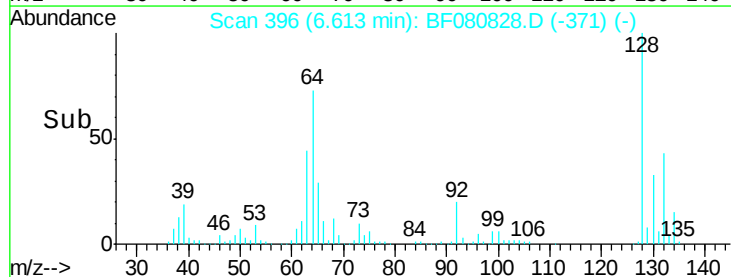
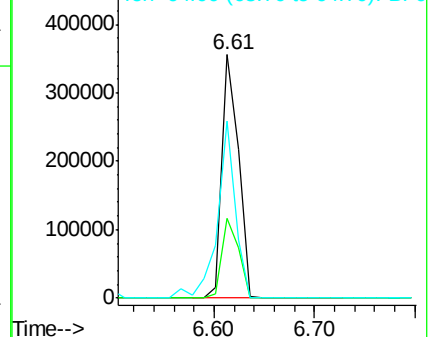
128 100

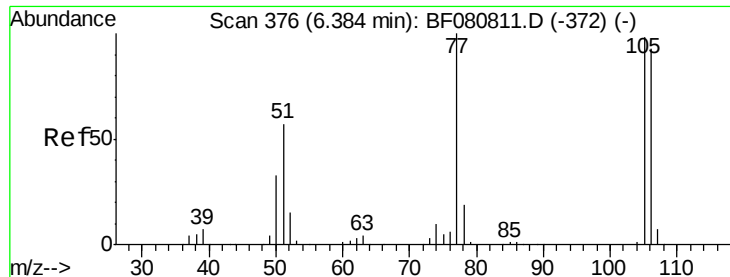
130 32.5 14.1 54.1

64 72.9 22.3 62.3#



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: 7.14 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

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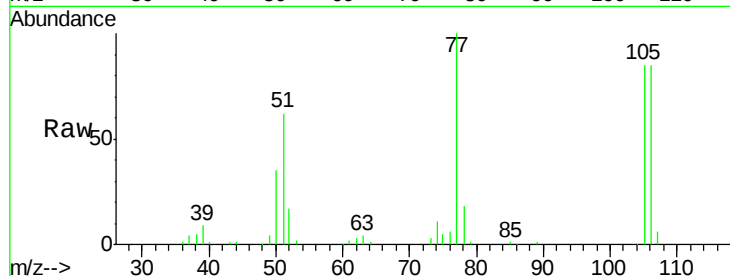
Tot Ion: 77 Resp: 82791

Ion Ratio Lower Upper

77 100

105 85.2 78.1 118.1

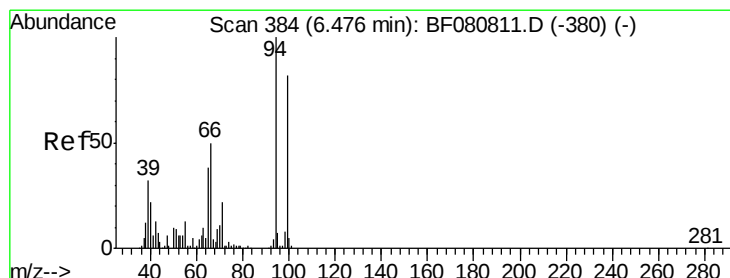
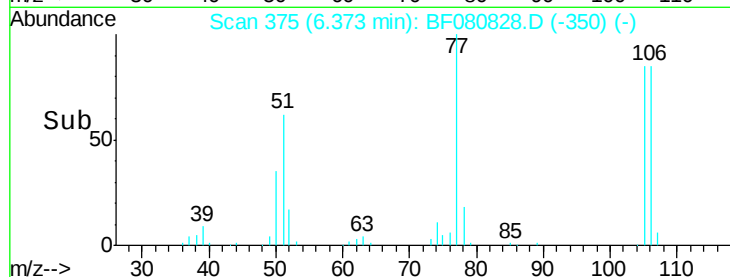
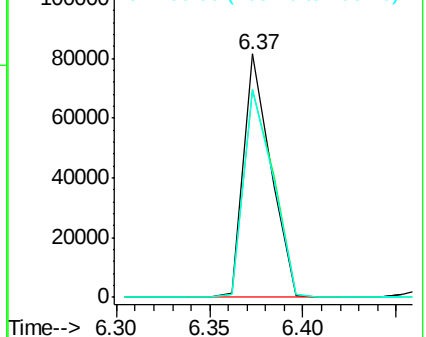
106 85.4 72.7 112.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.06 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

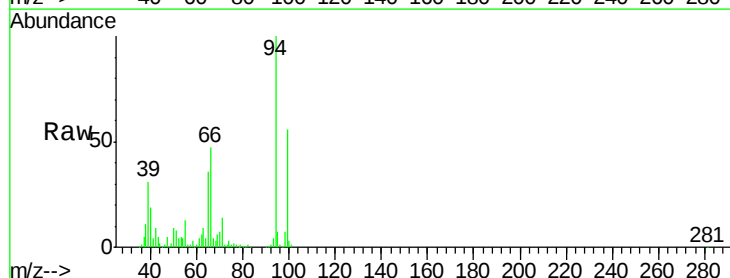
Tgt Ion: 94 Resp: 541052

Ion Ratio Lower Upper

94 100

65 36.4 17.5 57.5

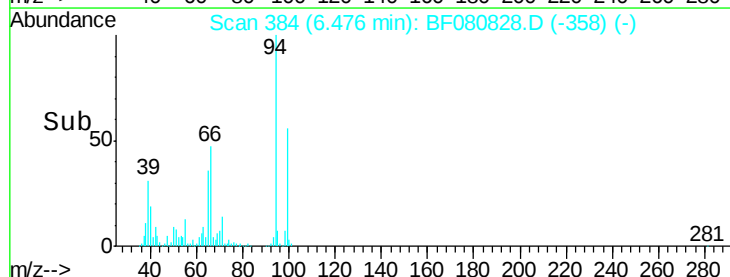
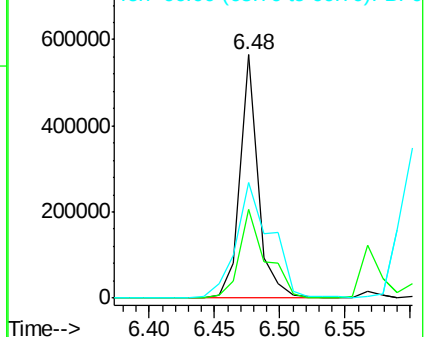
66 47.4 29.6 69.6

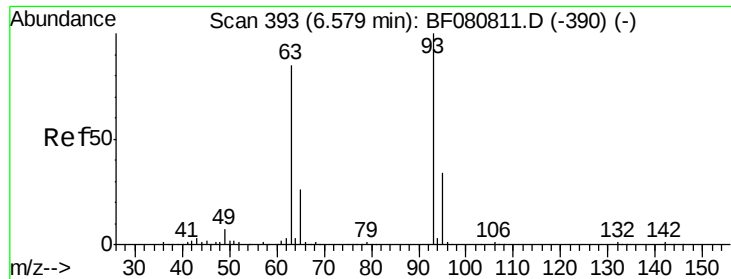


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.72 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

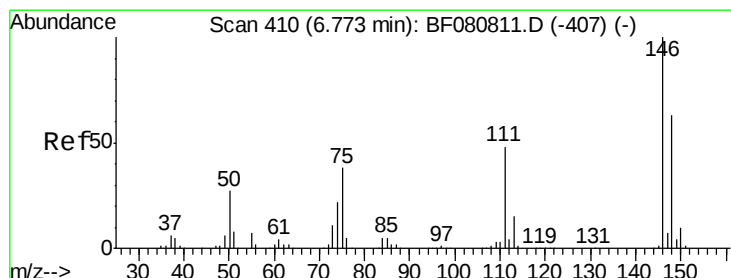
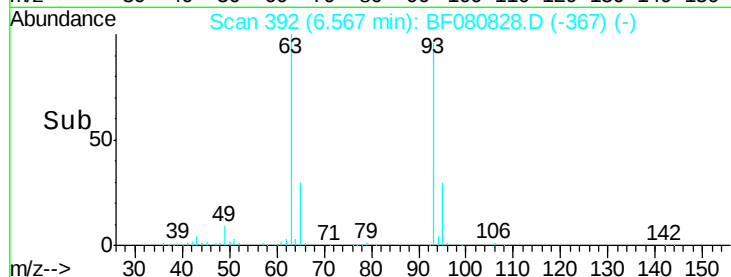
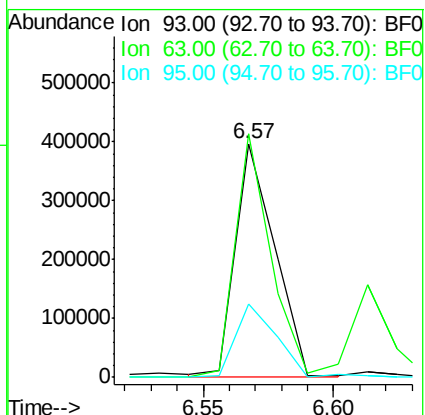
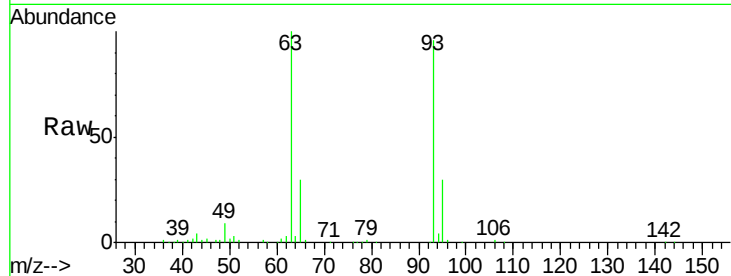
Tot Ion: 93 Resp: 421258

Ion Ratio Lower Upper

93 100

63 104.2 64.9 104.9

95 31.6 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 33.61 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

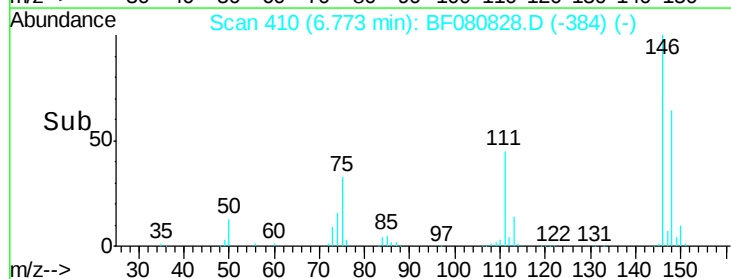
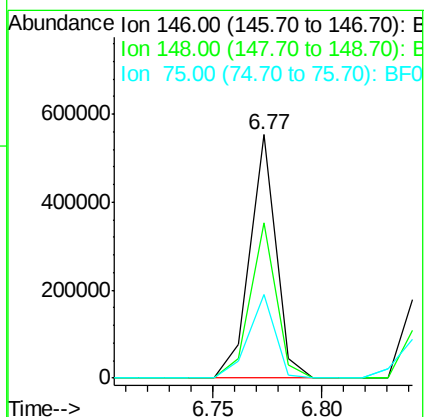
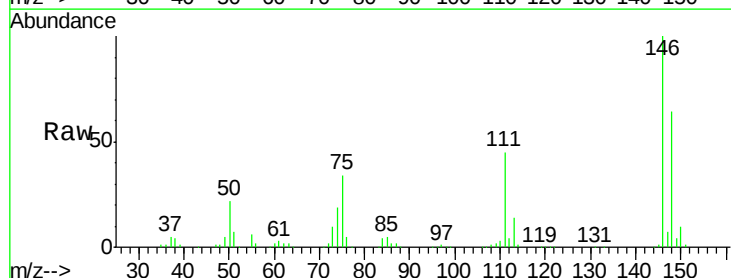
Tgt Ion: 146 Resp: 462896

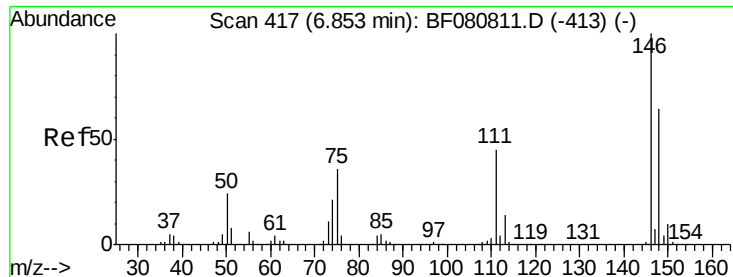
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

75 34.4 30.7 46.1

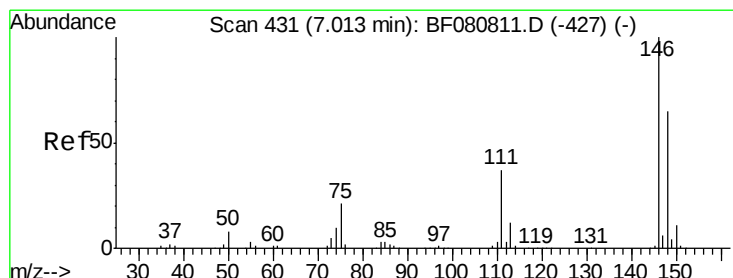
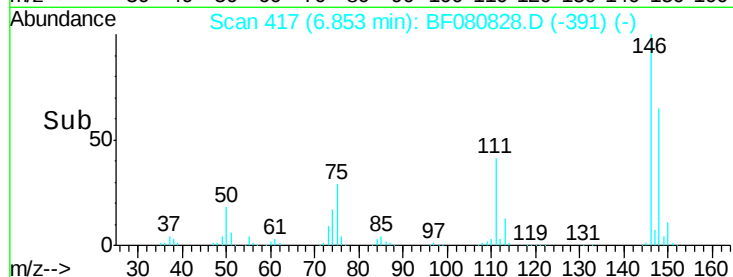
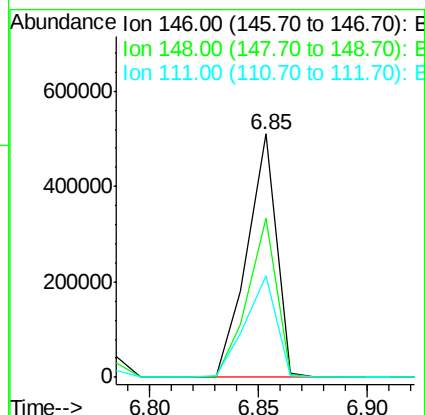
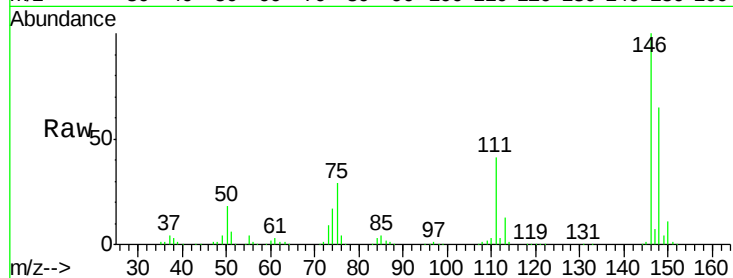




#13
 1,4-Dichlorobenzene
 Concen: 35.04 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

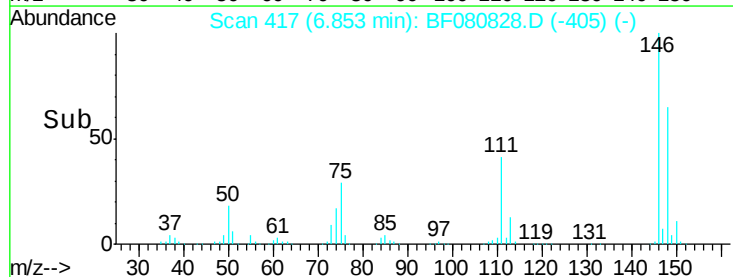
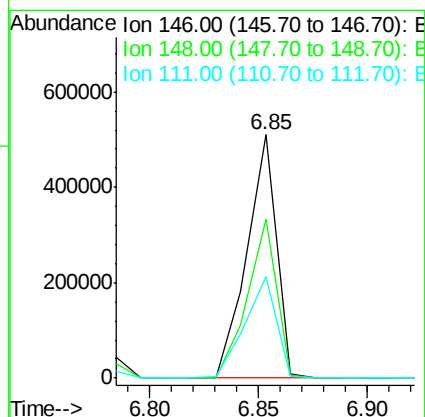
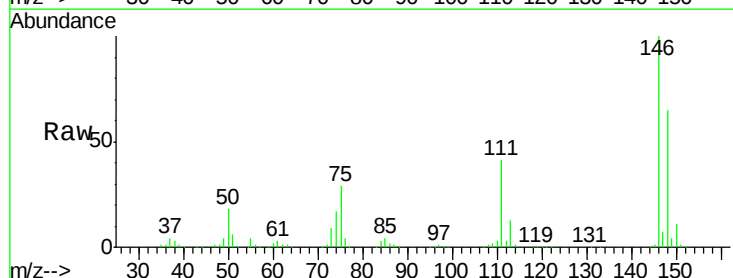
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

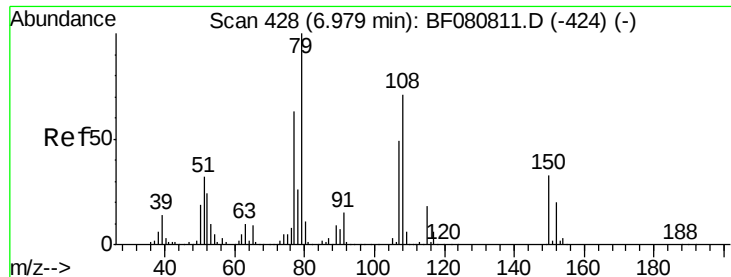
Tot Ion:146 Resp: 480881
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.3 76.9
 111 41.5 35.8 53.8



#14
 1,2-Dichlorobenzene
 Concen: 37.88 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.16 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion:146 Resp: 480881
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.0 78.0
 111 41.5 29.3 43.9





#15

Benzyl Alcohol

Concen: 32.21 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleID :

PB84815BS

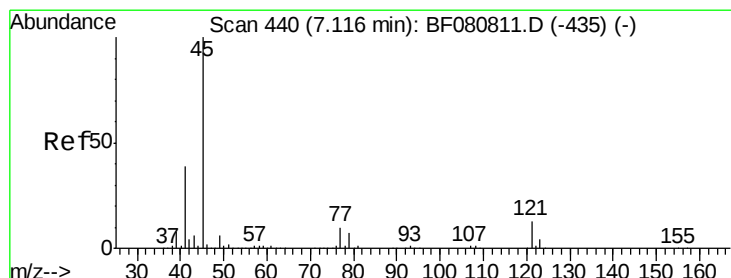
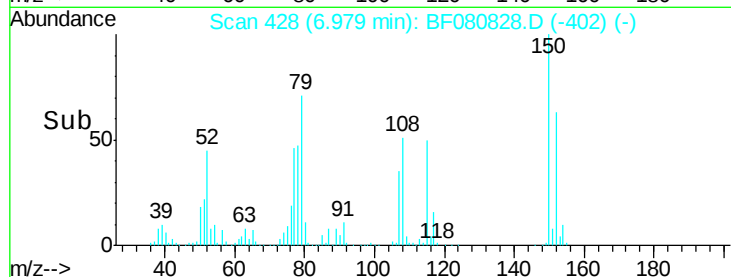
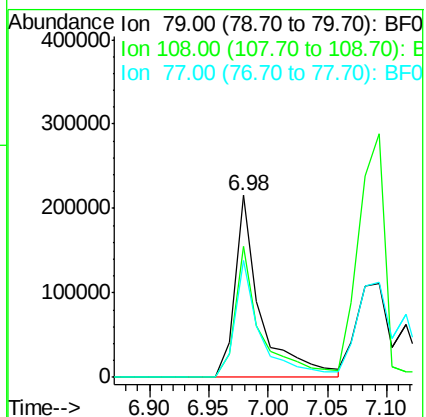
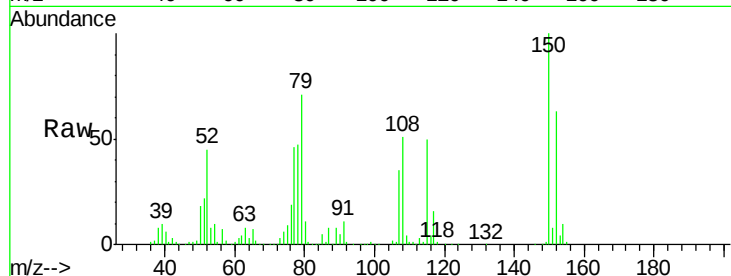
Tot Ion: 79 Resp: 326267

Ion Ratio Lower Upper

79 100

108 72.3 56.9 85.3

77 64.5 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.10 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

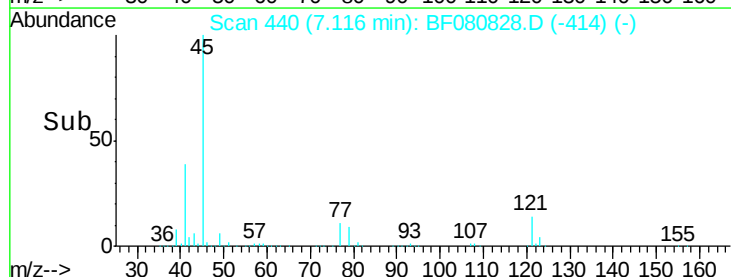
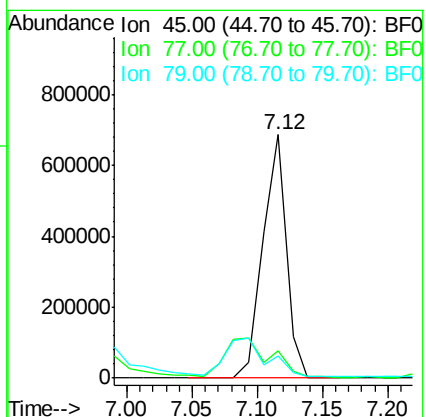
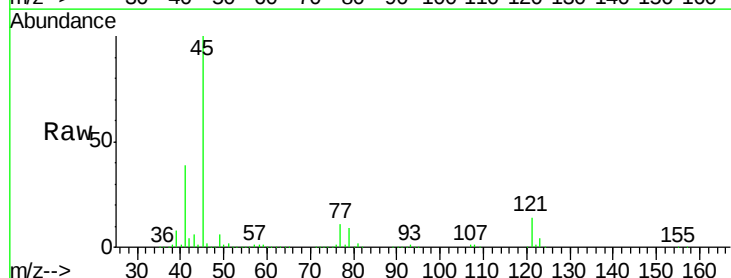
Tgt Ion: 45 Resp: 866873

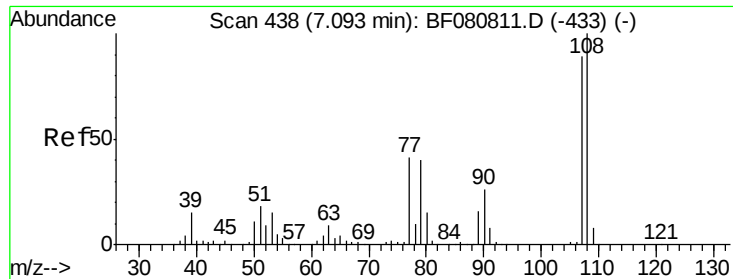
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.5

79 9.0 0.0 28.2





#17

2-Methylphenol

Concen: 35.75 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

Tot Ion:107 Resp: 387245

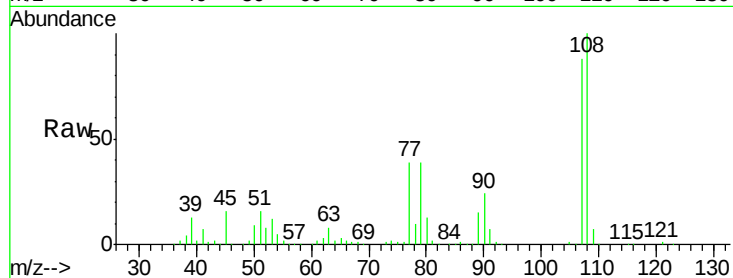
Ion Ratio Lower Upper

107 100

108 113.6 90.6 135.8

77 44.3 37.8 56.8

79 43.9 37.4 56.0

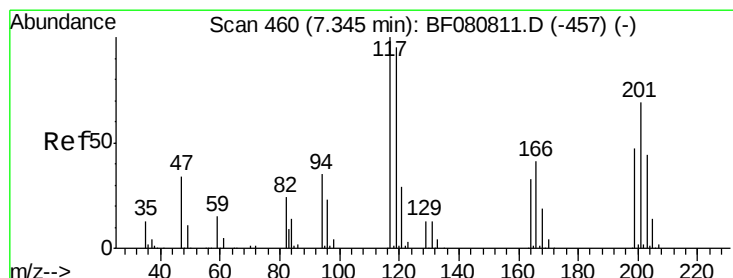
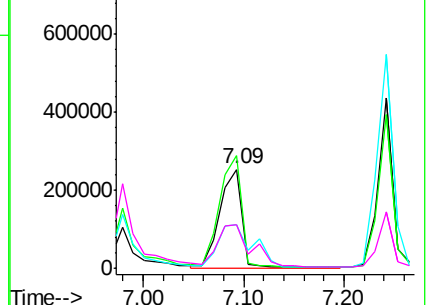
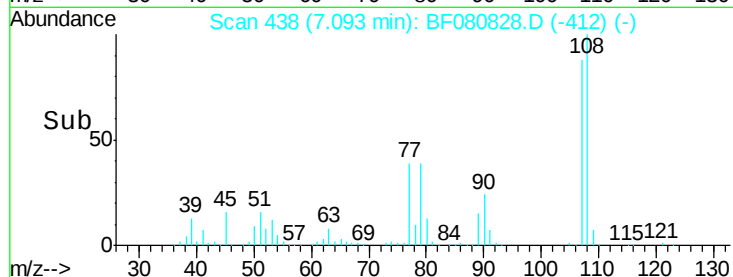


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.40 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

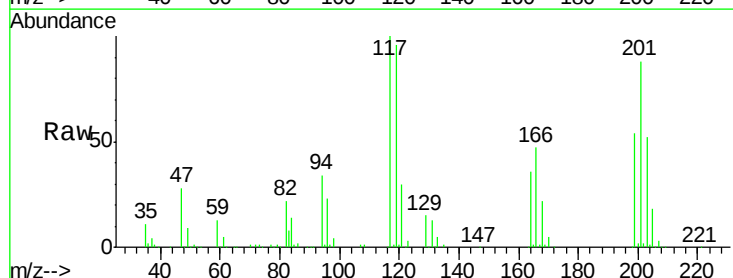
Tgt Ion:117 Resp: 174026

Ion Ratio Lower Upper

117 100

119 96.3 76.3 114.5

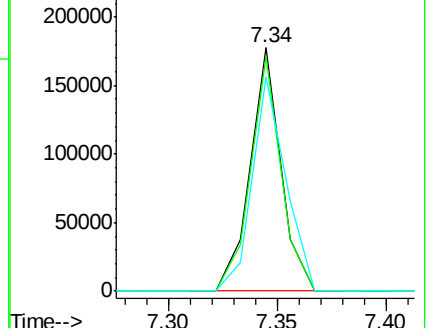
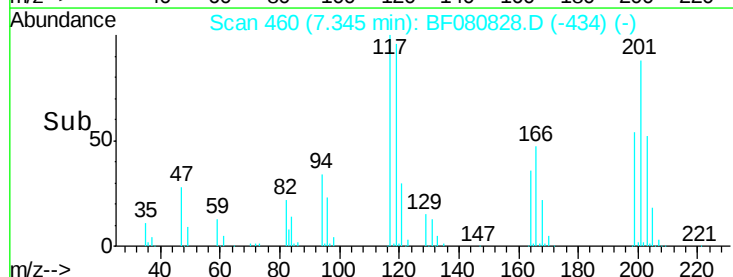
201 87.9 55.5 83.3#

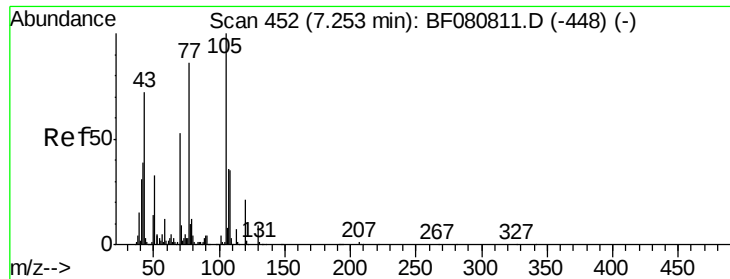


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

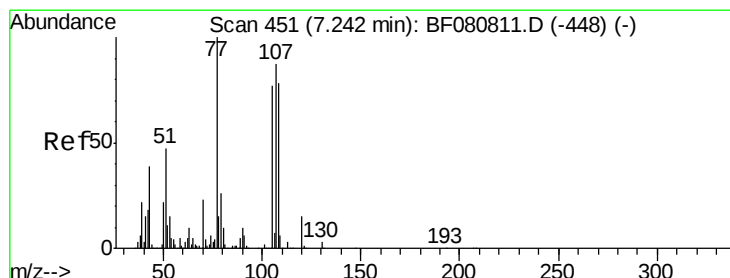
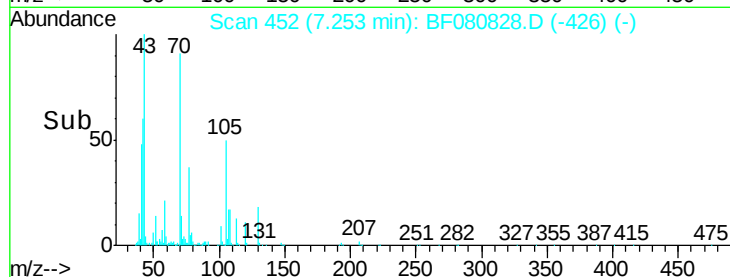
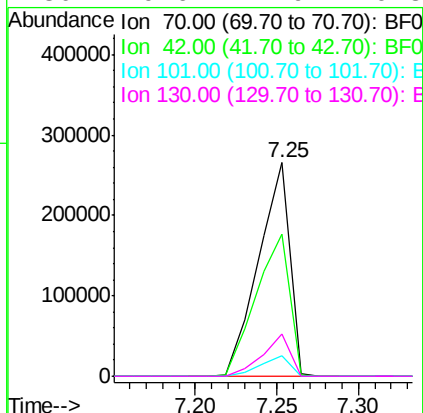
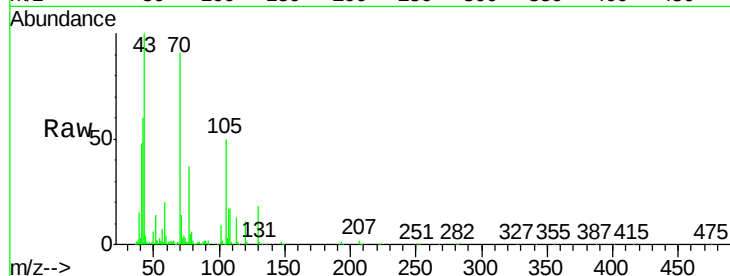




#19
n-Nitroso-di-n-propylamine
Concen: 36.60 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

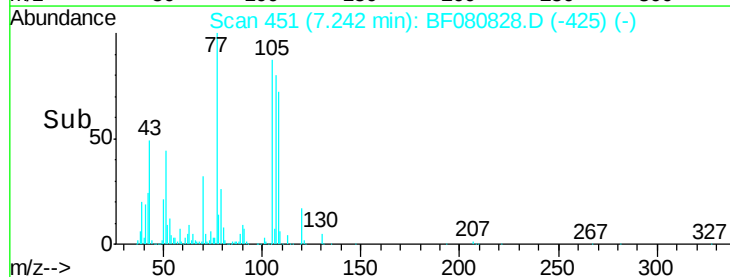
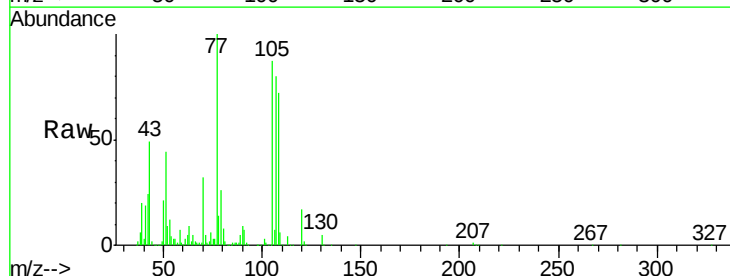
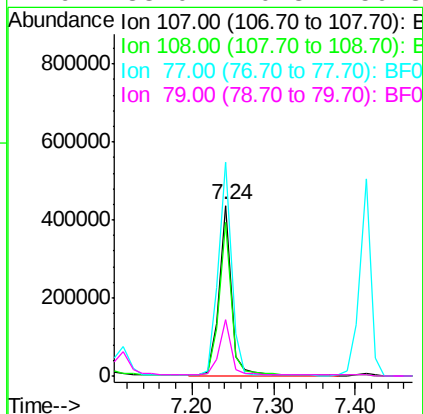
Instrument :
BNA_F
ClientSampleId :
PB84815BS

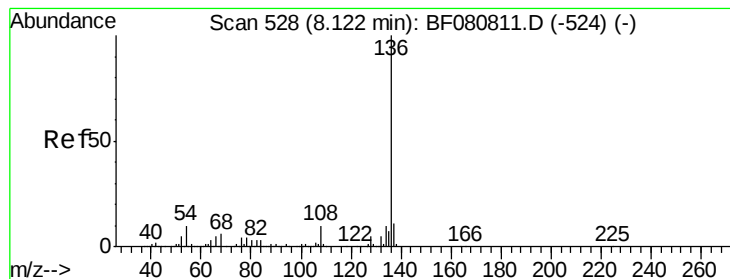
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	59.1	88.7
101	9.5	6.6	10.0
130	19.6	12.9	19.3#



#20
3+4-Methylphenols
Concen: 36.04 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.6	109.6
77	125.4	94.9	134.9
79	33.0	10.3	50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

Tot Ion:136 Resp: 683933

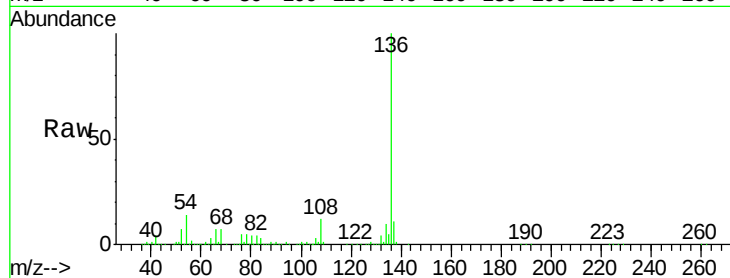
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.3 7.9 11.9#

68 7.5 4.4 6.6#

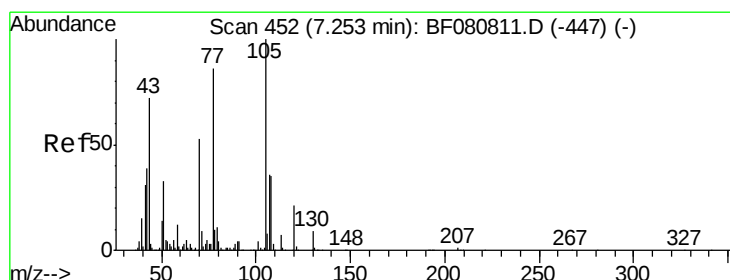
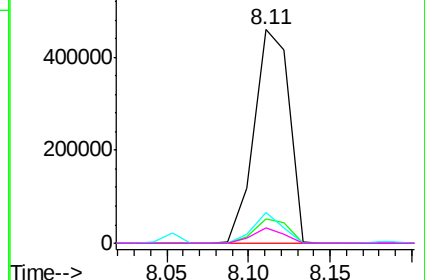
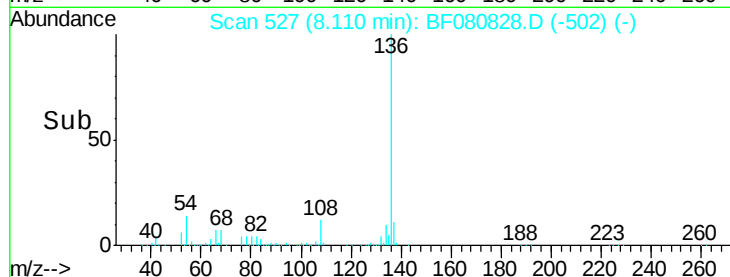


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.44 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:105 Resp: 571898

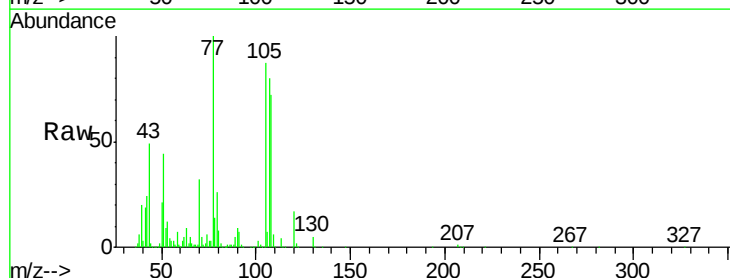
Ion Ratio Lower Upper

105 100

71 6.2 7.1 10.7#

51 50.6 26.5 39.7#

120 19.9 17.0 25.6

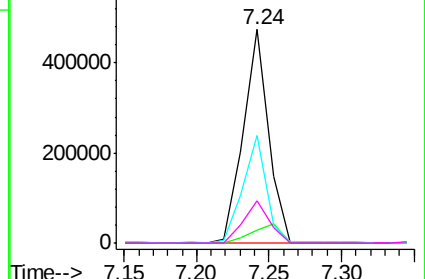
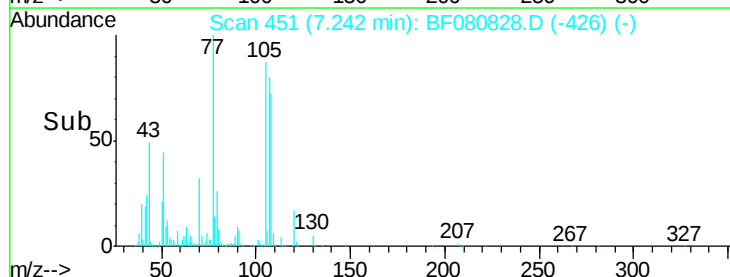


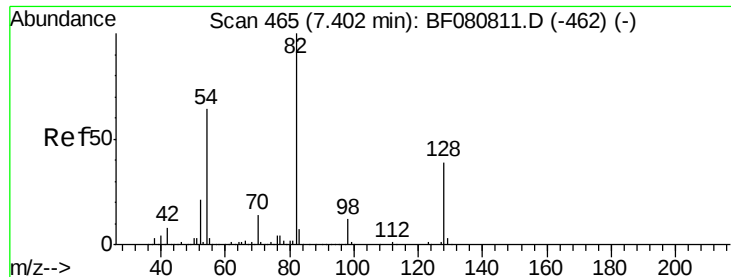
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

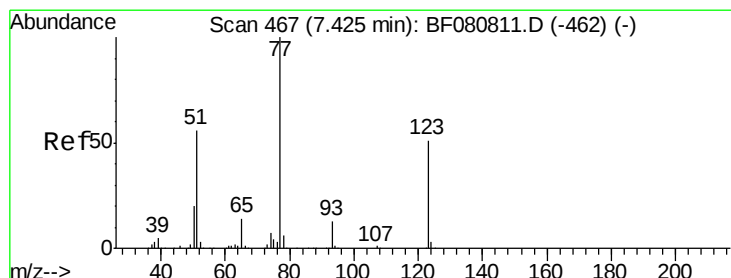
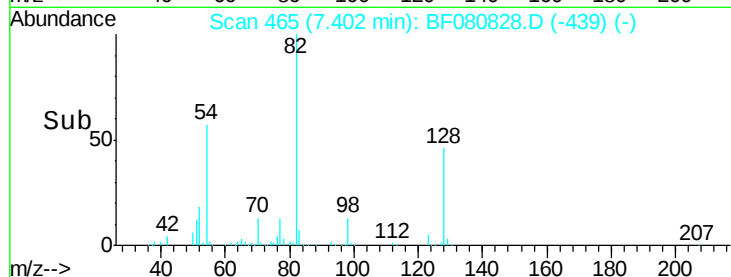
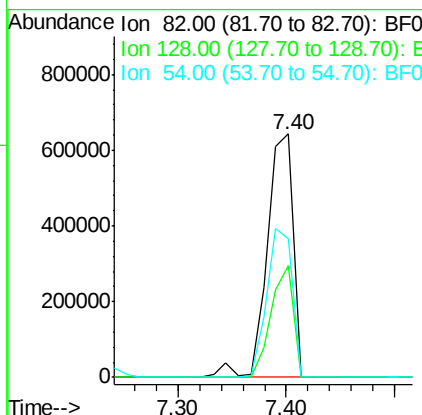
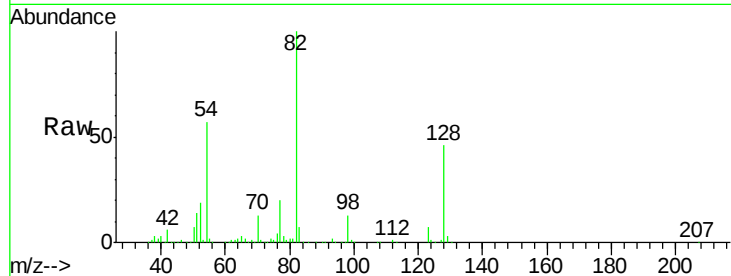




#23
 Nitrobenzene-d5
 Concen: 76.86 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

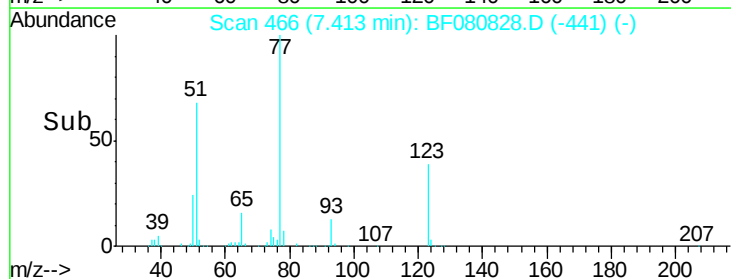
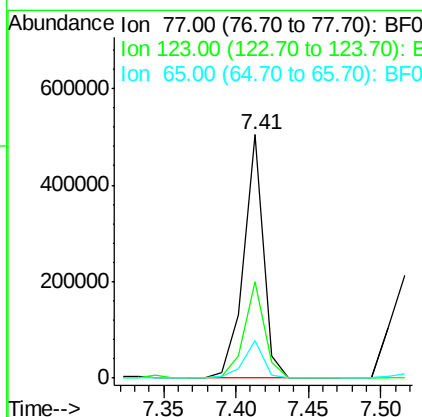
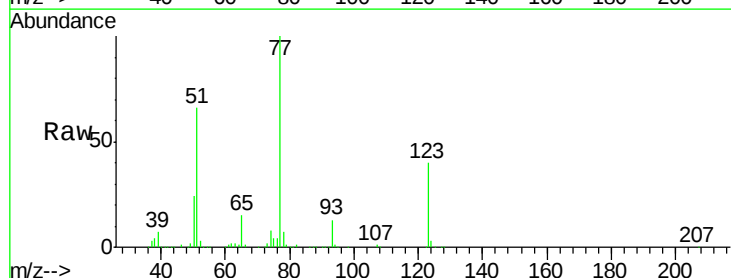
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

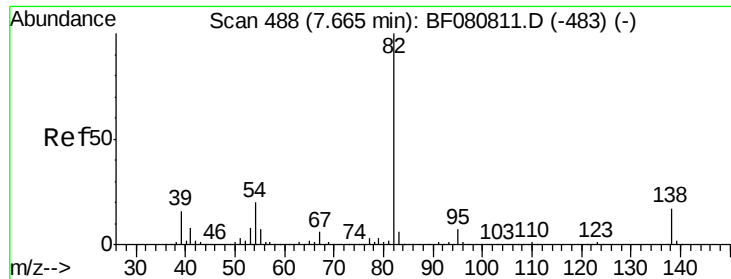
Tot Ion: 82 Resp: 1065231
 Ion Ratio Lower Upper
 82 100
 128 45.8 31.4 47.0
 54 57.0 51.0 76.4



#24
 Nitrobenzene
 Concen: 33.53 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion: 77 Resp: 474288
 Ion Ratio Lower Upper
 77 100
 123 39.5 40.7 61.1#
 65 15.4 11.3 16.9





#25

Isophorone

Concen: 35.56 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

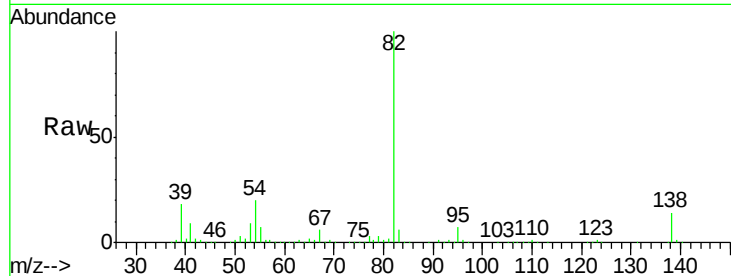
Tot Ion: 82 Resp: 881434

Ion Ratio Lower Upper

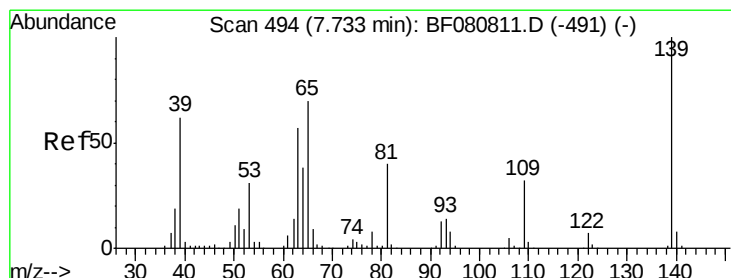
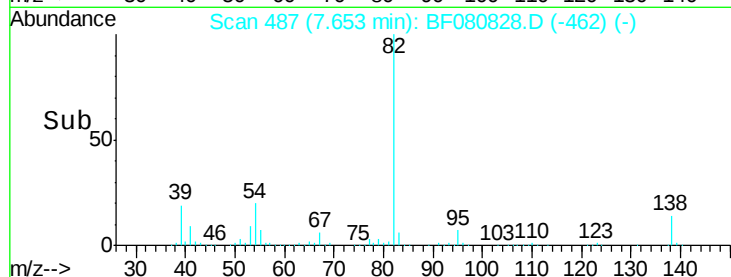
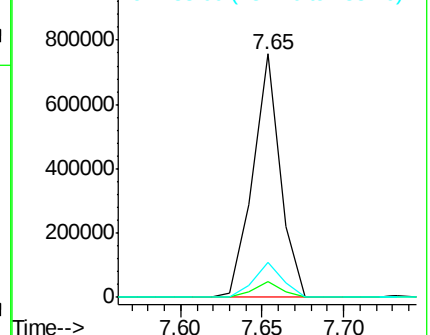
82 100

95 6.7 5.9 8.9

138 14.3 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.57 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

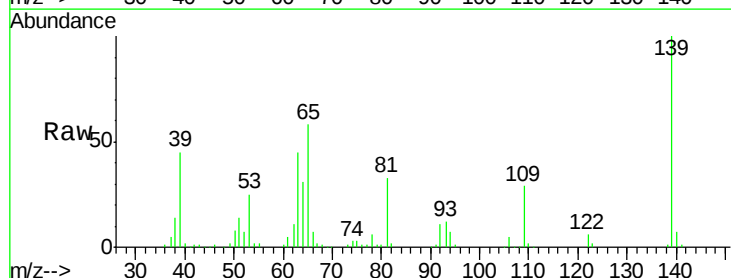
Tgt Ion: 139 Resp: 233208

Ion Ratio Lower Upper

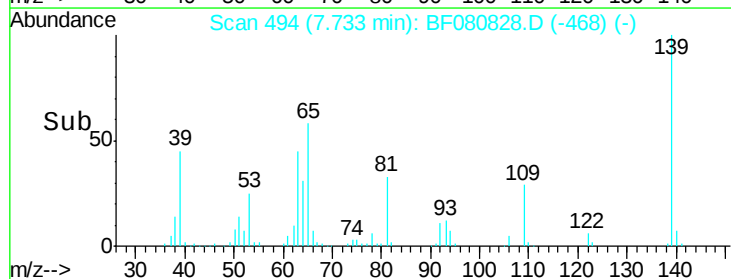
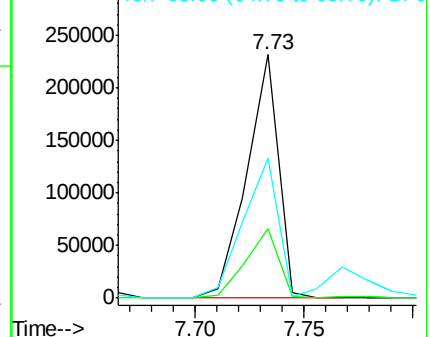
139 100

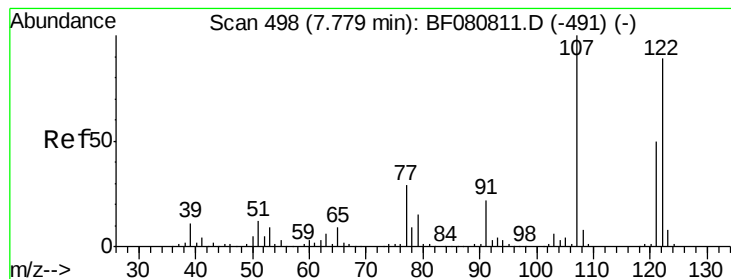
109 28.7 25.3 37.9

65 57.7 56.2 84.4



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

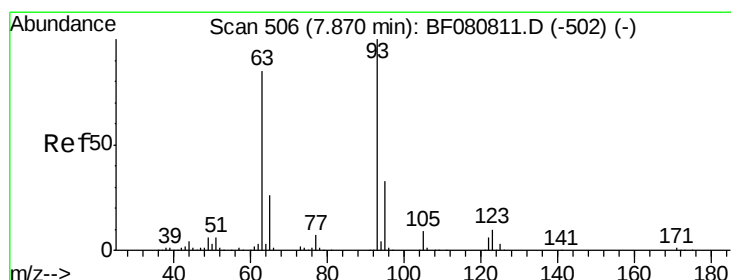
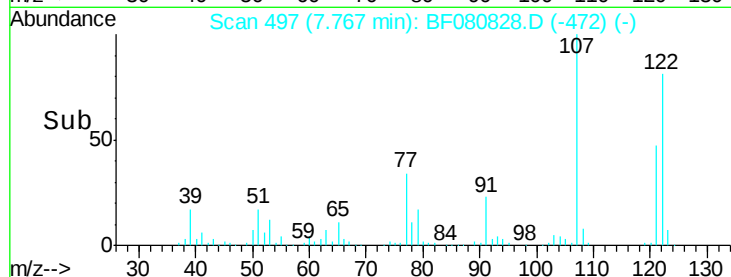
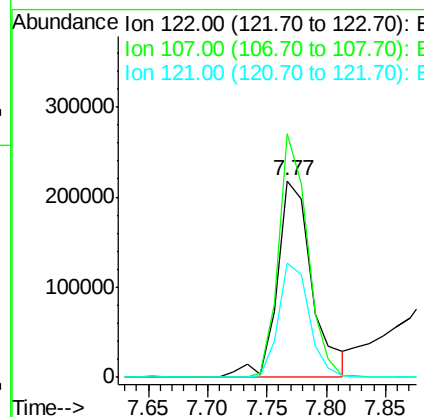
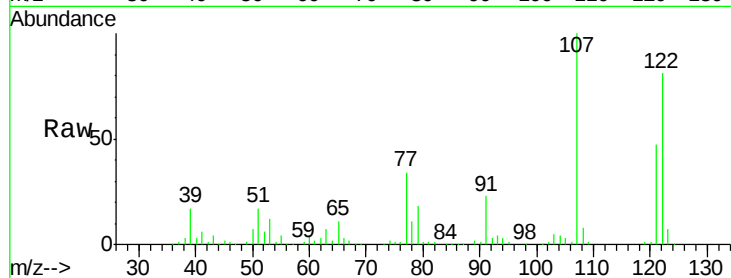




#27
 2,4-Dimethylphenol
 Concen: 38.63 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

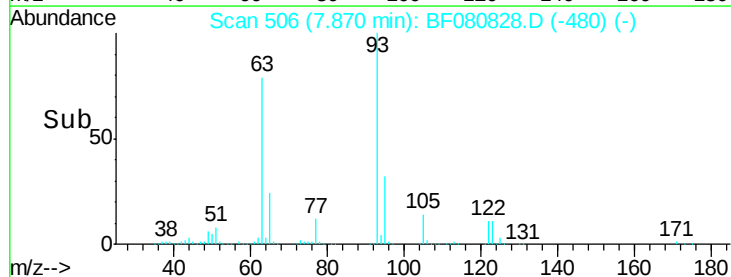
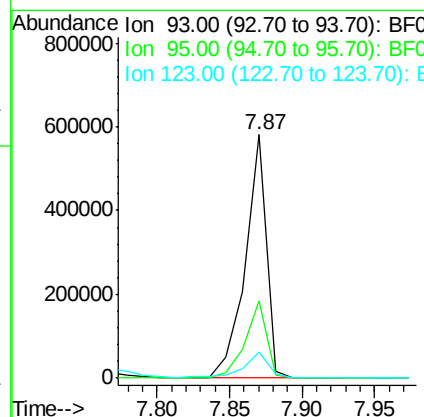
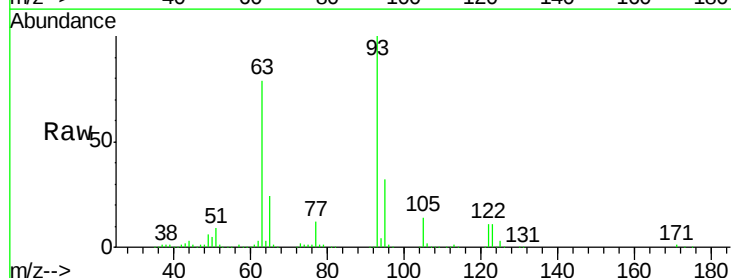
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

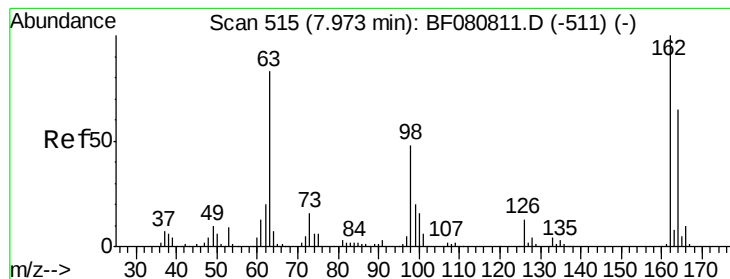
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.0	90.2	135.4
121	58.5	45.4	68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.17 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.1	39.1
123	10.6	8.0	12.0





#29

2,4-Dichlorophenol

Concen: 38.17 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

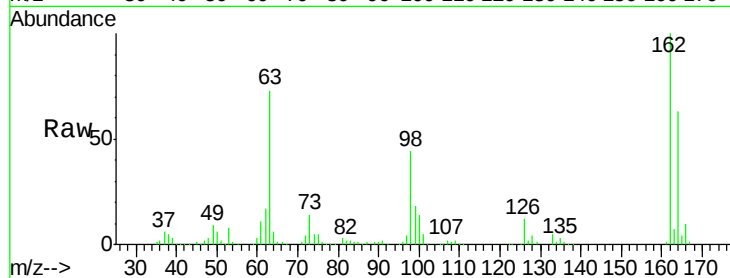
Tot Ion:162 Resp: 367968

Ion Ratio Lower Upper

162 100

164 62.6 45.3 85.3

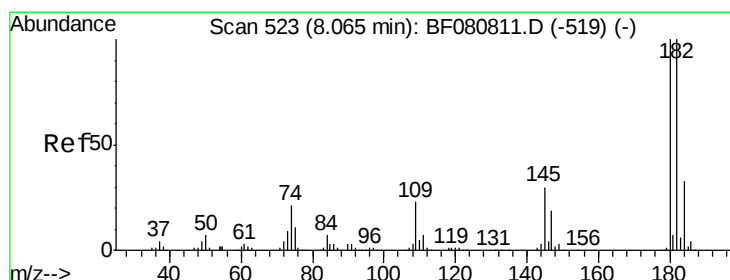
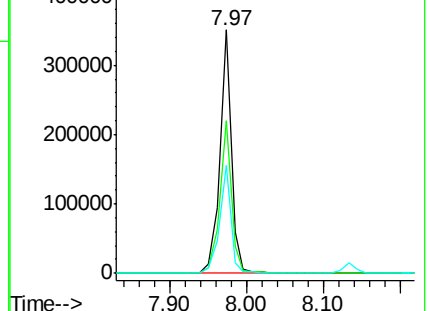
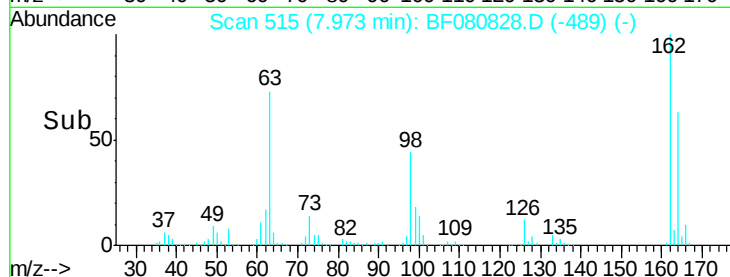
98 44.2 27.7 67.7



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: 35.15 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

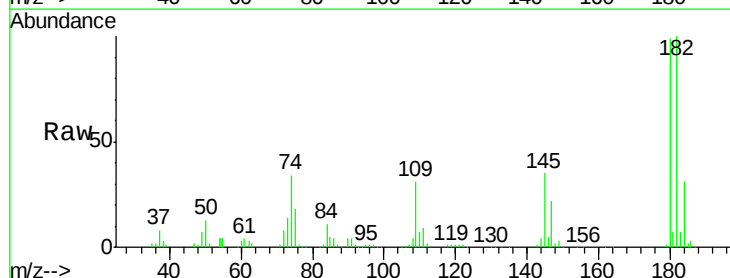
Tgt Ion:180 Resp: 369863

Ion Ratio Lower Upper

180 100

182 100.5 79.7 119.5

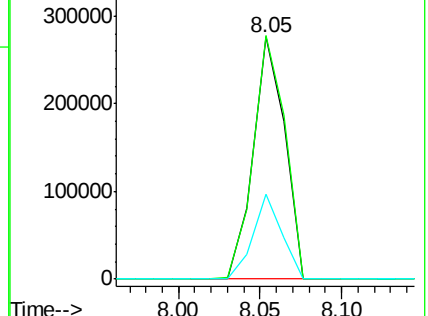
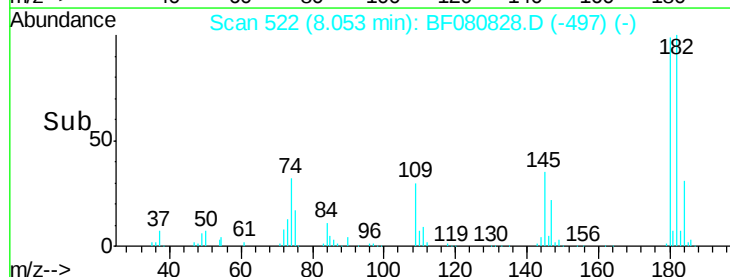
145 35.0 23.8 35.8

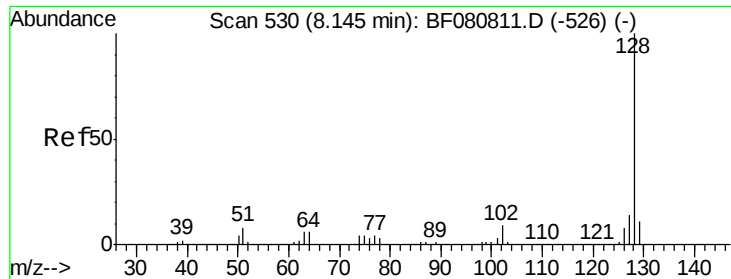


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.33 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

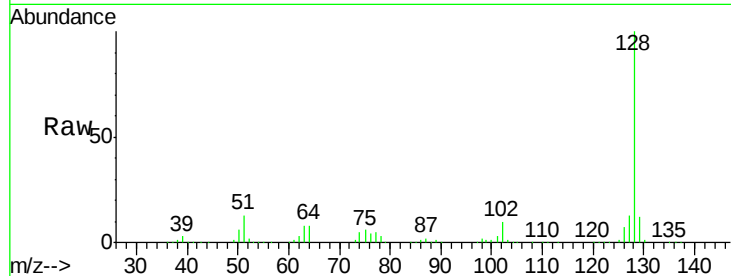
Tot Ion:128 Resp: 1187119

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

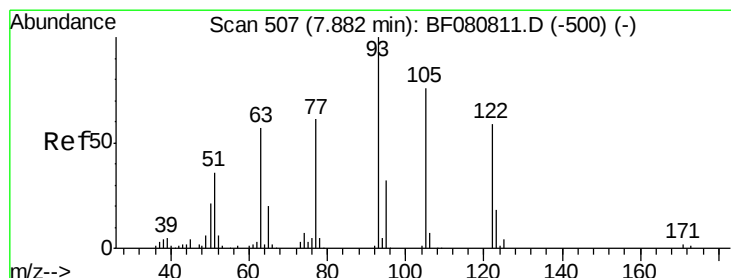
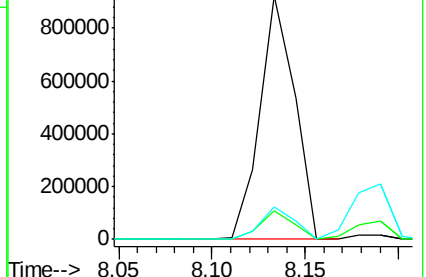
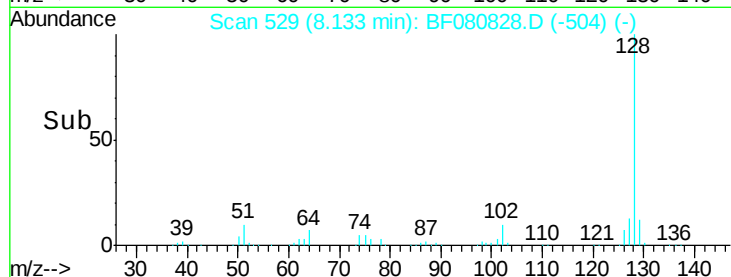
127 13.1 10.8 16.2



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: 34.87 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

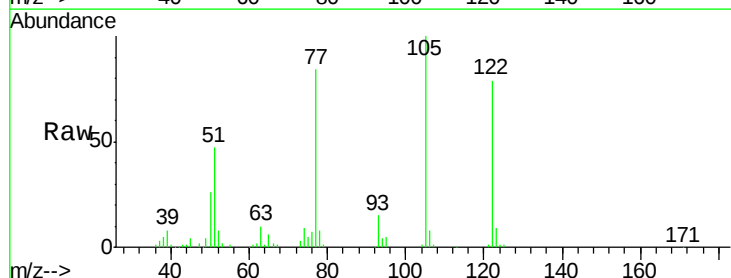
Tgt Ion:122 Resp: 243314

Ion Ratio Lower Upper

122 100

105 126.6 102.3 142.3

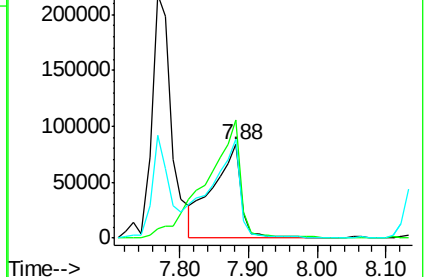
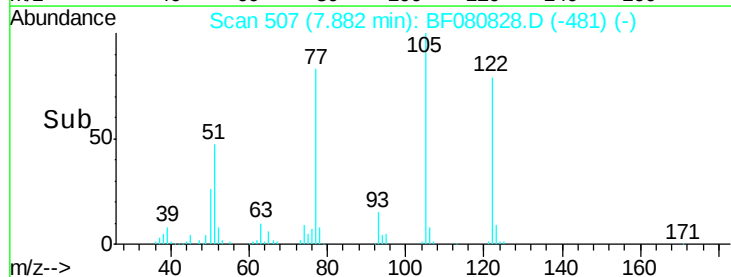
77 105.9 81.2 121.2

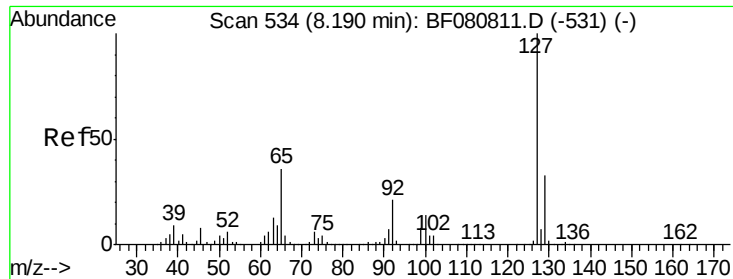


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

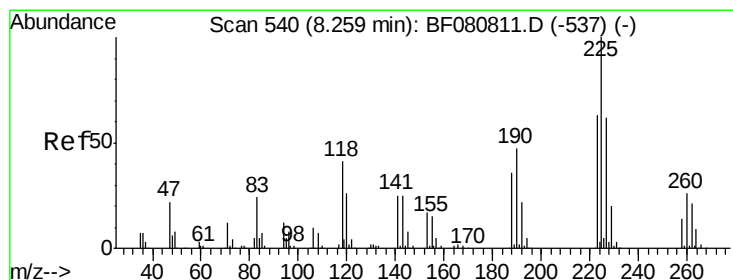
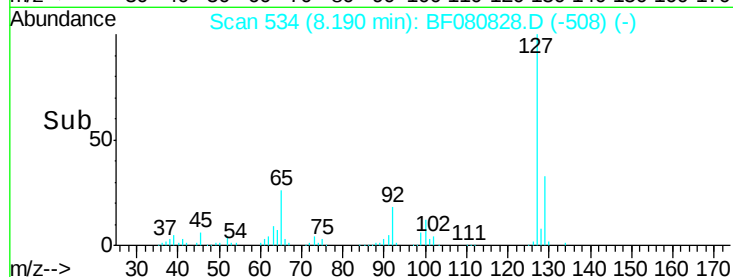
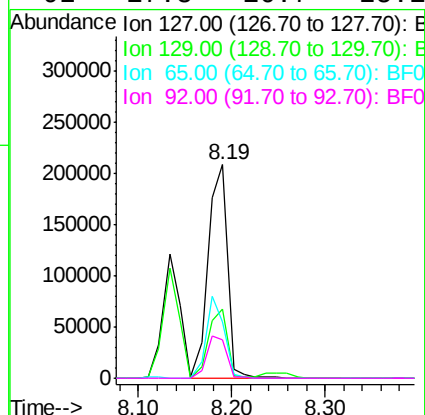
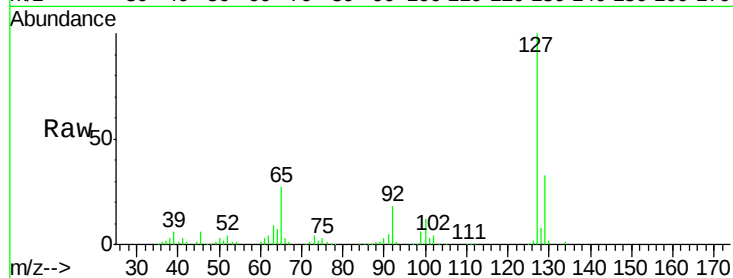




#33
 4-Chloroaniline
 Concen: 21.28 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

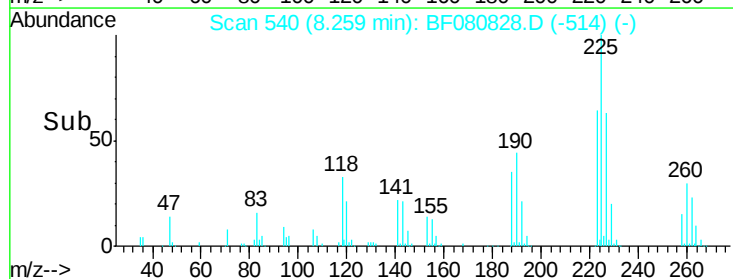
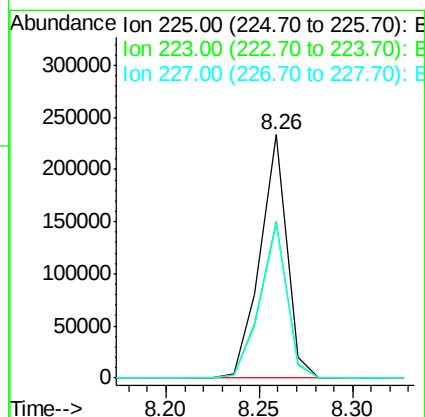
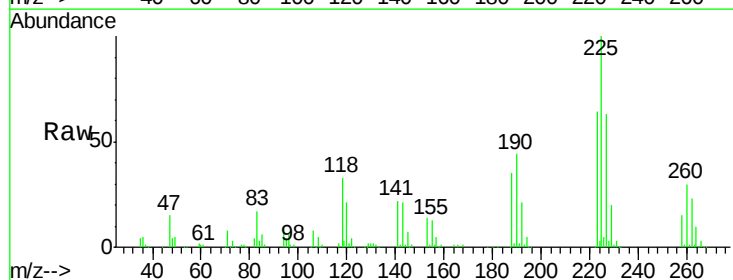
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

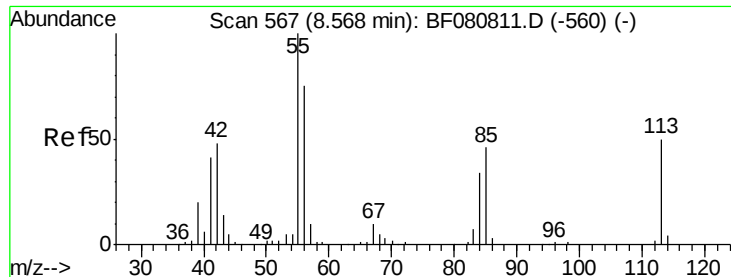
Tot Ion:	127	Resp:	300801
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	26.6	28.9	43.3
92	17.8	16.7	25.1



#34
 Hexachlorobutadiene
 Concen: 35.87 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion:	225	Resp:	231587
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	63.4	49.7	74.5





#35

Caprolactam

Concen: 27.55 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

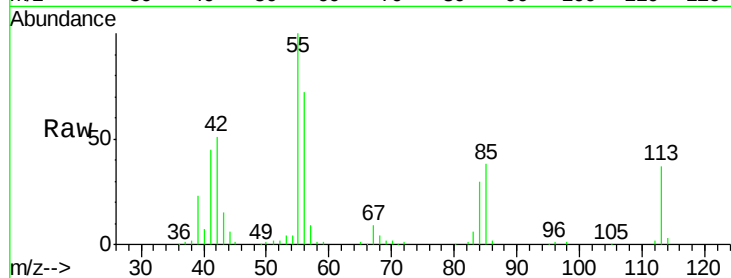
Tot Ion:113 Resp: 73566

Ion Ratio Lower Upper

113 100

55 267.5 179.0 219.0#

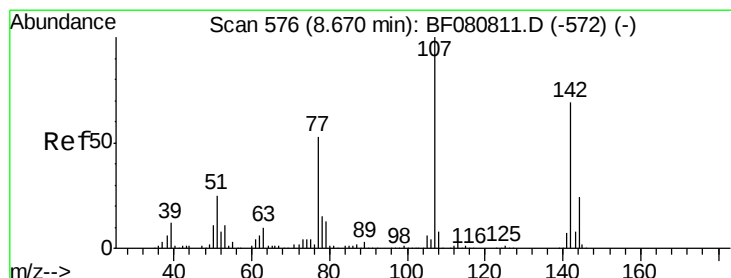
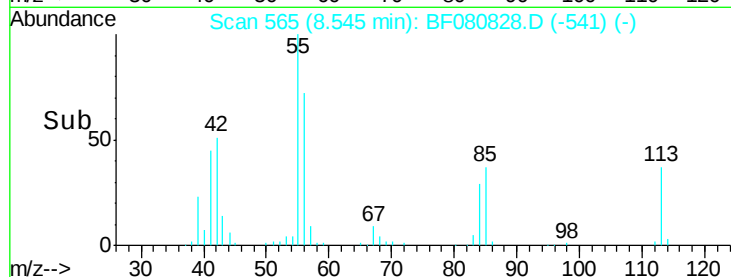
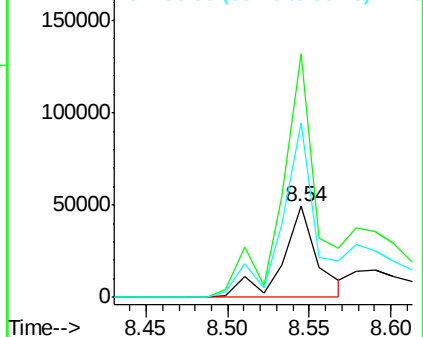
56 191.3 128.2 168.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.79 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

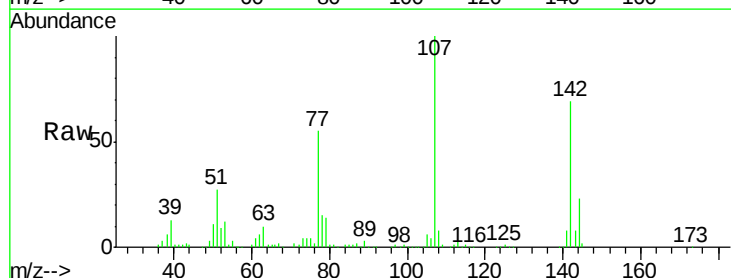
Tgt Ion:107 Resp: 408587

Ion Ratio Lower Upper

107 100

144 23.5 19.0 28.4

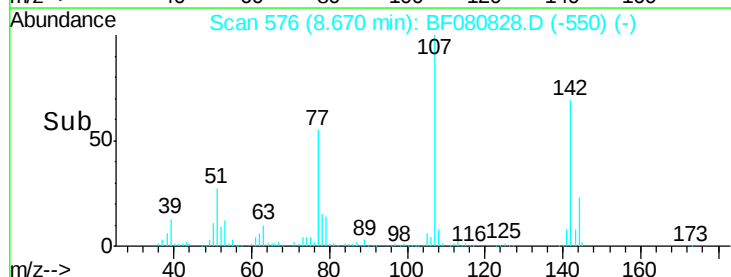
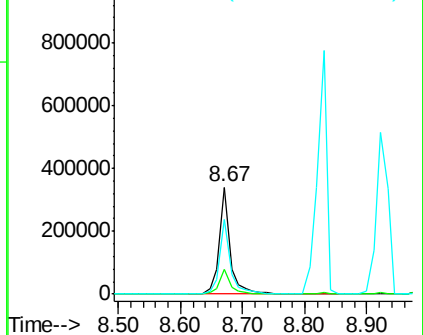
142 69.4 54.9 82.3

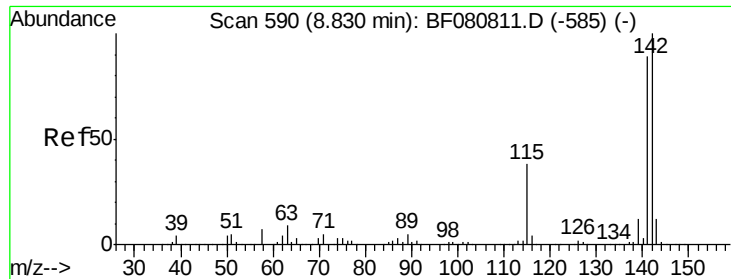


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

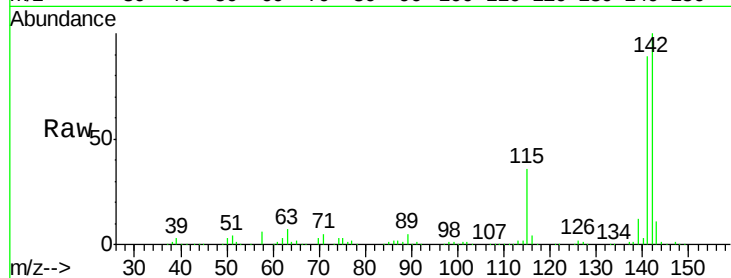




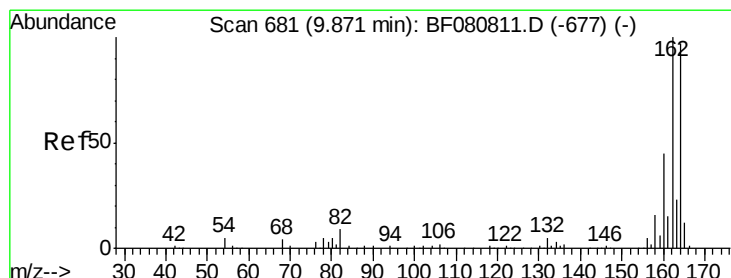
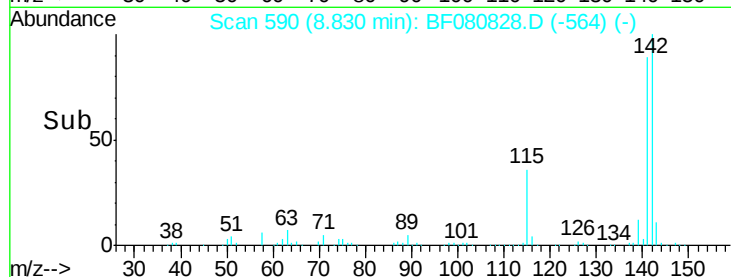
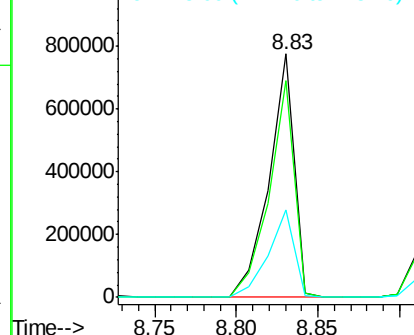
#37
 2-Methylnaphthalene
 Concen: 39.71 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleID :
 PB84815BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	35.9	30.6	45.8

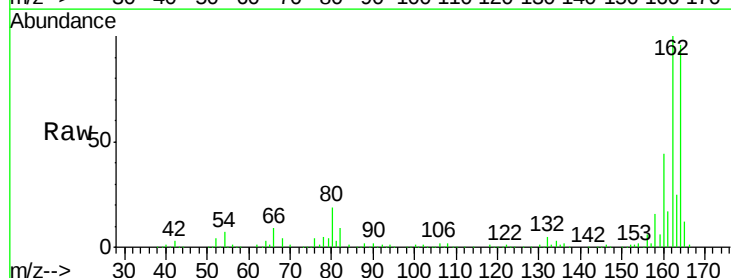


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

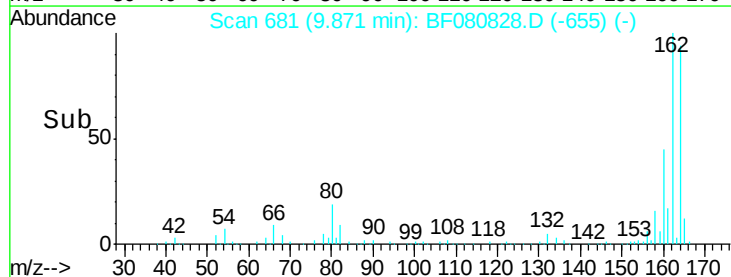
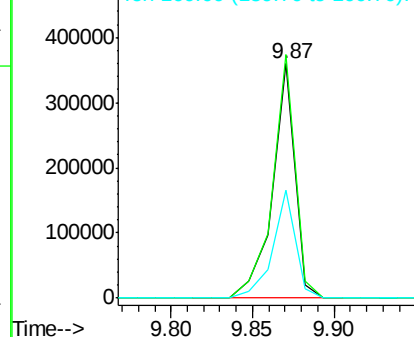


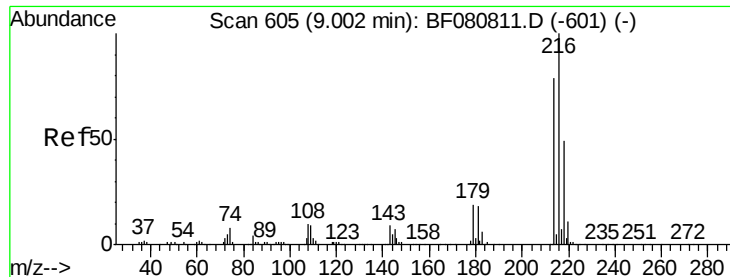
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.3	123.5
160	46.2	37.3	55.9



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: 30.13 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

Tot Ion:216 Resp: 330576

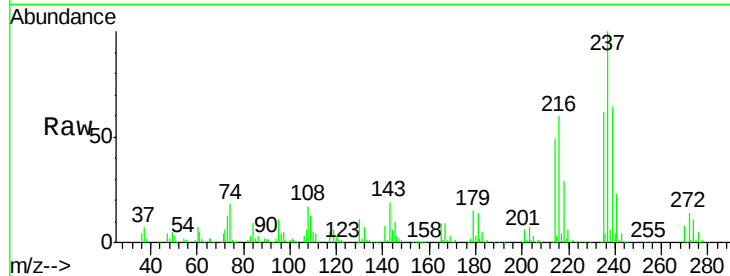
Ion Ratio Lower Upper

216 100

214 79.4 64.0 96.0

179 20.6 16.9 25.3

108 22.5 14.9 22.3#

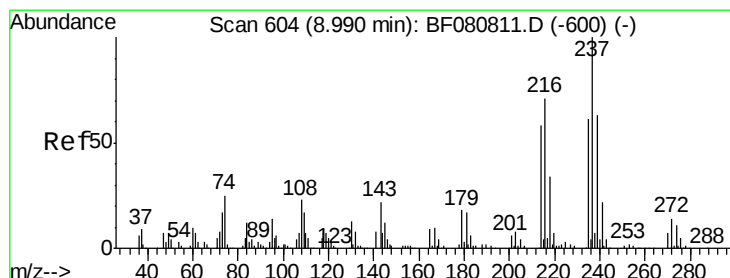
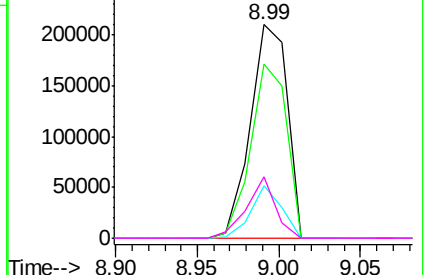
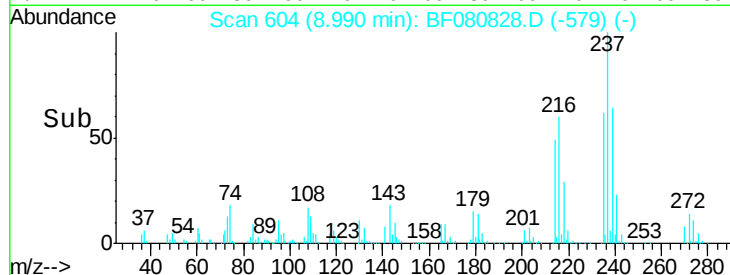


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.81 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

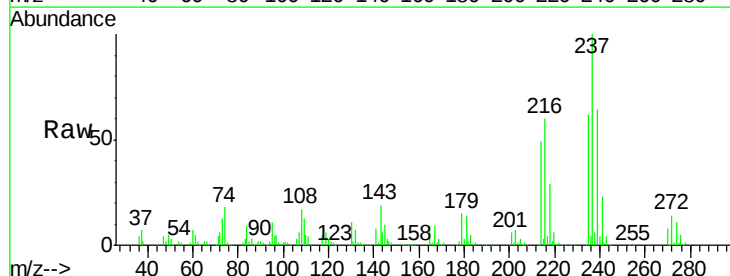
Tgt Ion:237 Resp: 488826

Ion Ratio Lower Upper

237 100

235 61.8 41.5 81.5

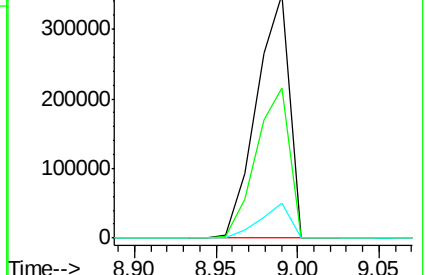
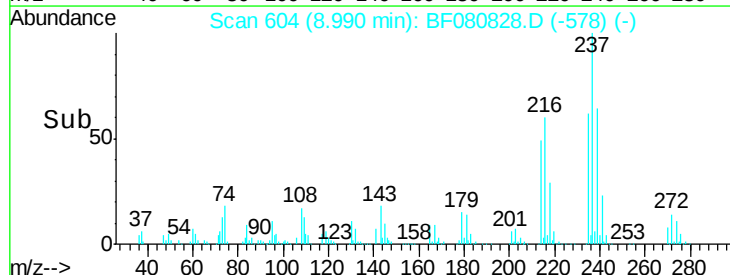
272 14.4 0.0 33.7

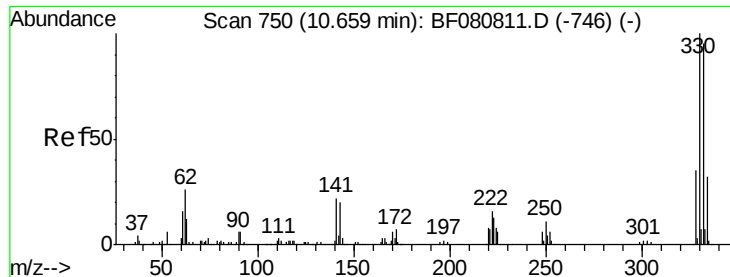


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

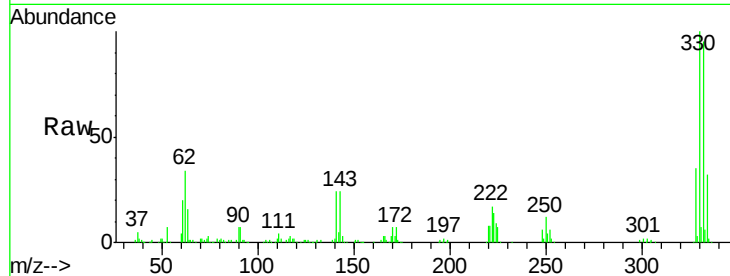




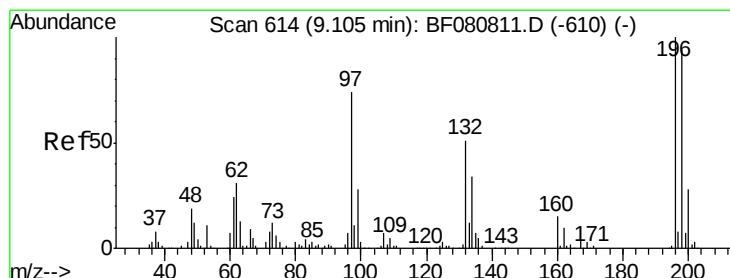
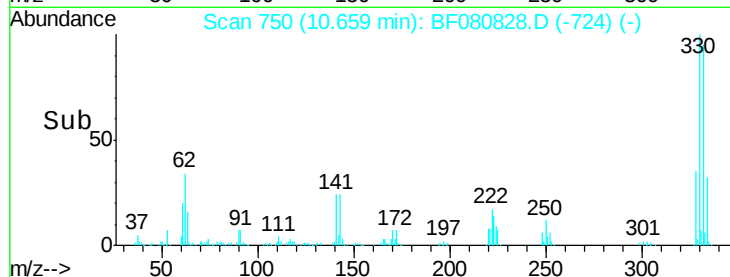
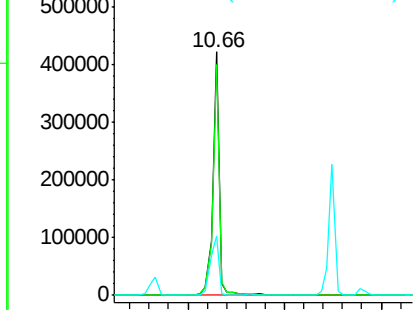
#41
 2,4,6-Tribromophenol
 Concen: 122.73 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampled :
 PB84815BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	32.0	25.4	38.0

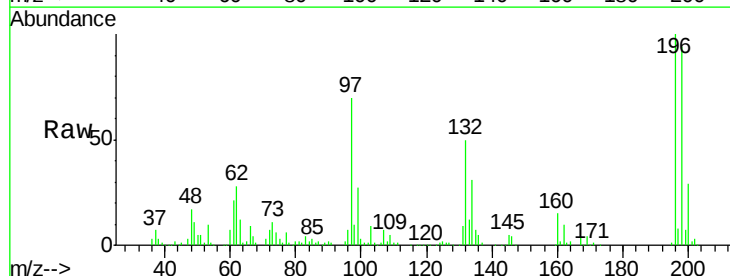


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

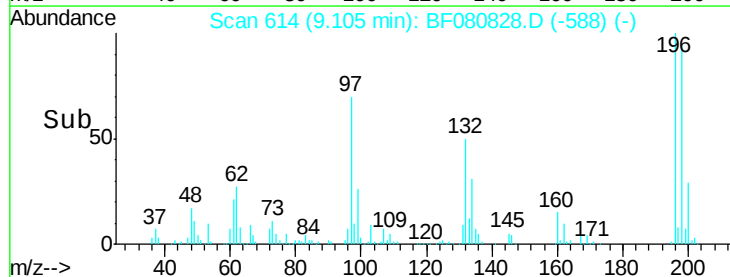
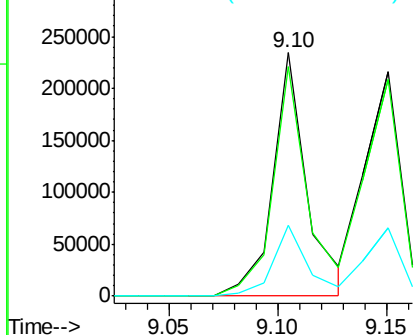


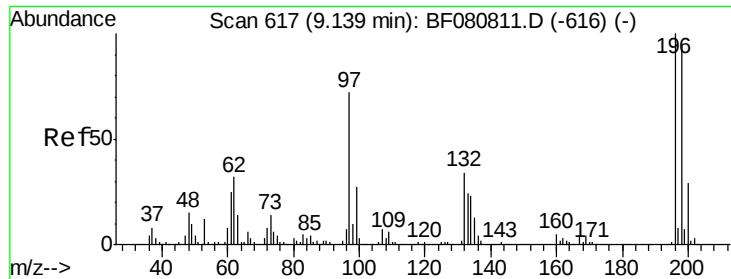
#42
 2,4,6-Trichlorophenol
 Concen: 33.08 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.3	112.9
200	28.9	22.7	34.1



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

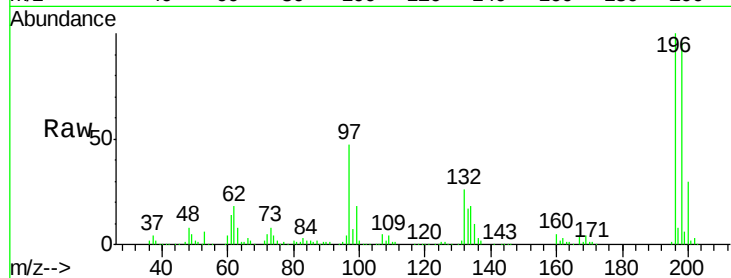




#43
 2,4,5-Trichlorophenol
 Concen: 36.17 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
97	46.9	58.8	88.2
132	26.2	27.9	41.9



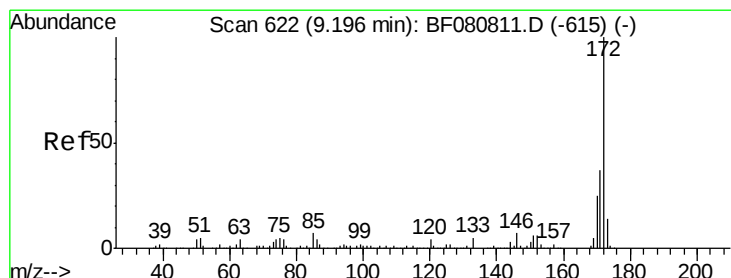
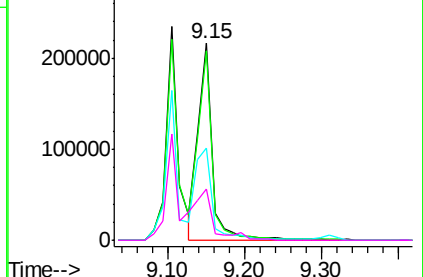
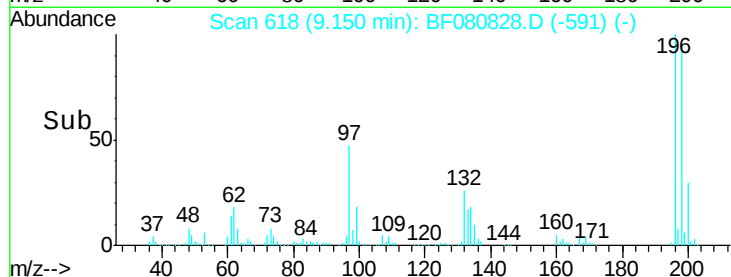
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

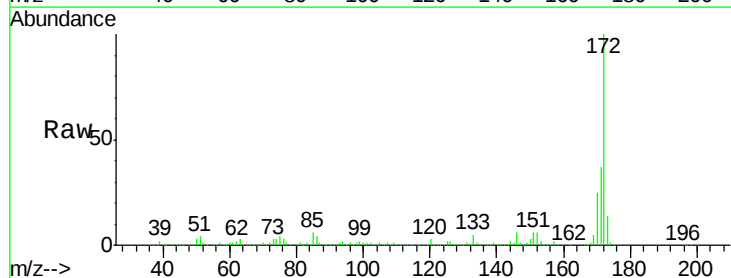
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.82 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.9	20.2	30.4

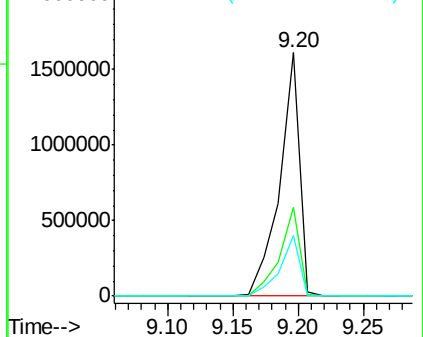
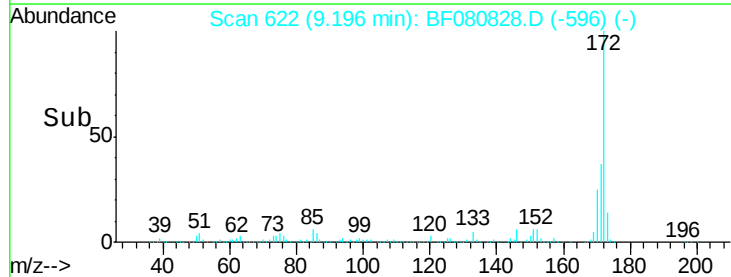


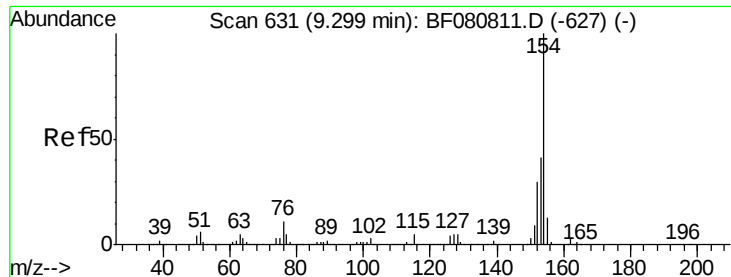
Abundance

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: 34.30 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

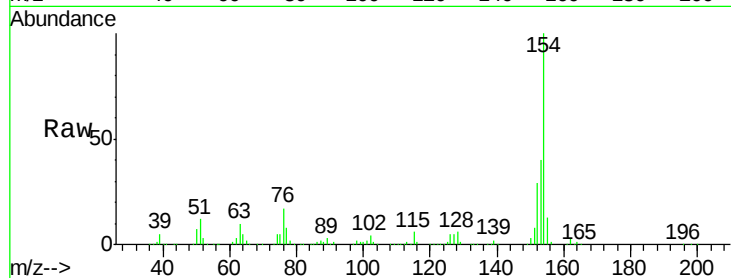
Tot Ion:154 Resp: 897120

Ion Ratio Lower Upper

154 100

153 40.2 21.1 61.1

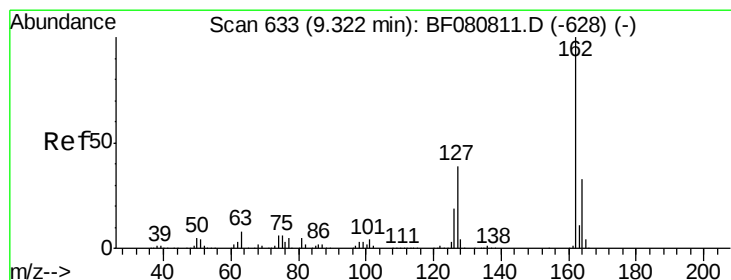
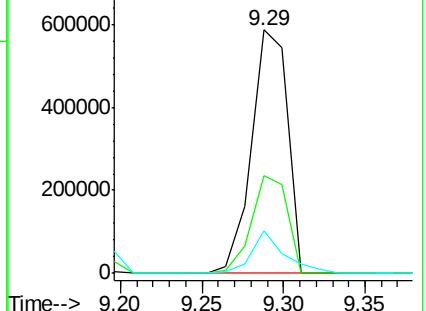
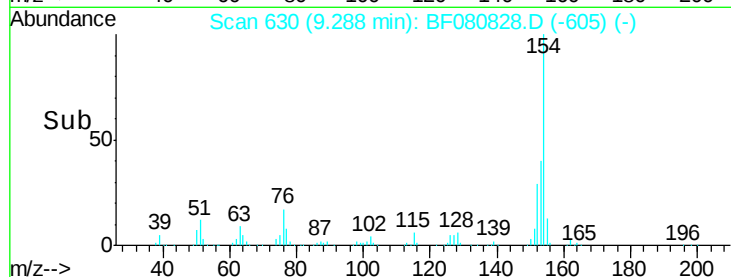
76 17.4 0.0 30.5



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: 33.99 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

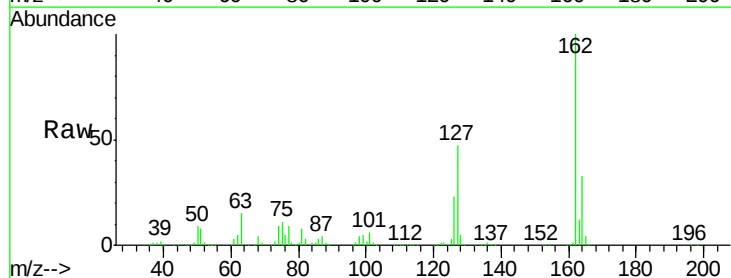
Tgt Ion:162 Resp: 737840

Ion Ratio Lower Upper

162 100

127 46.7 31.0 46.6#

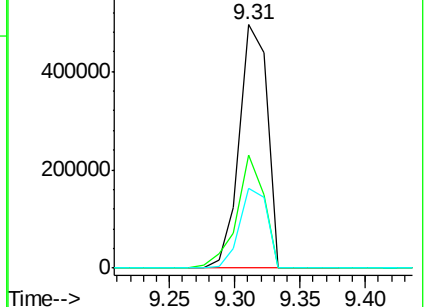
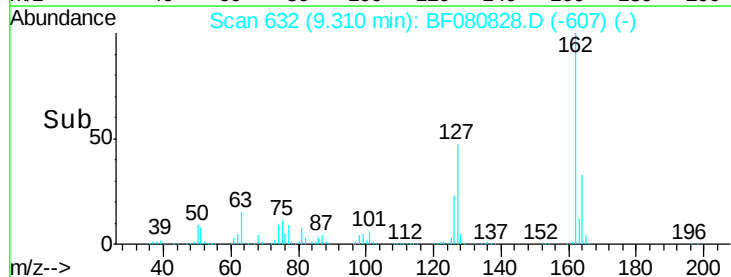
164 32.7 26.8 40.2

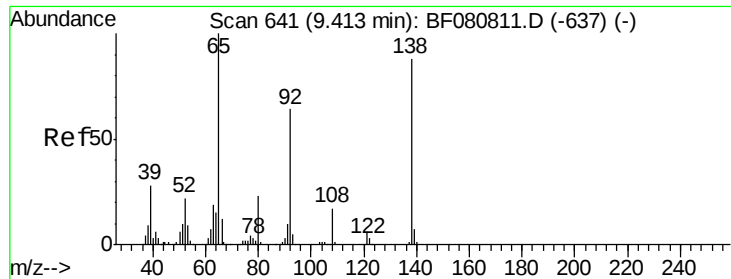


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

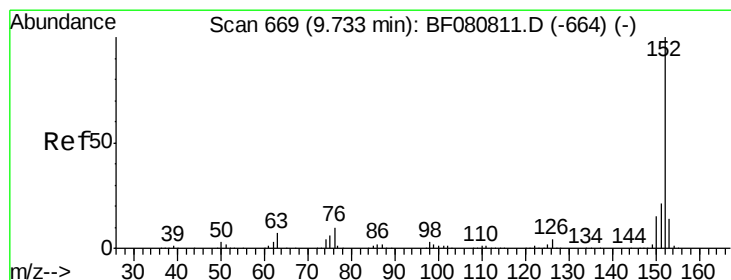
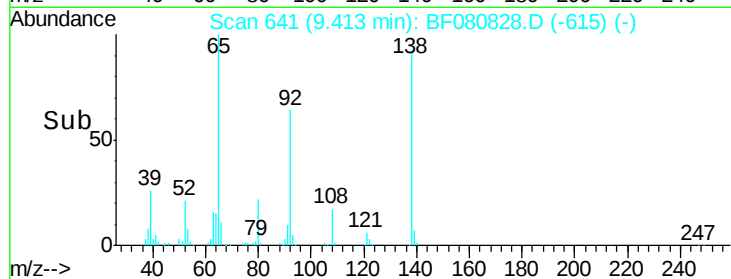
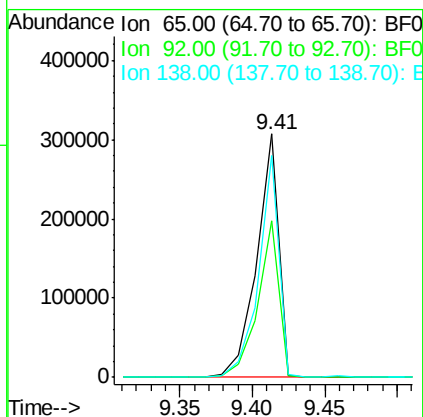
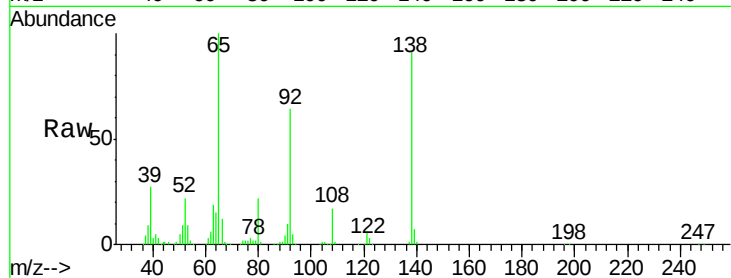




#47
2-Nitroaniline
Concen: 40.37 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

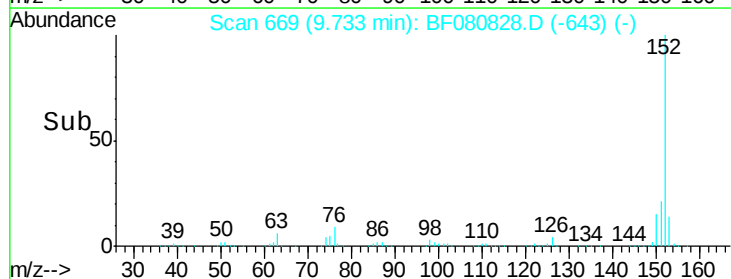
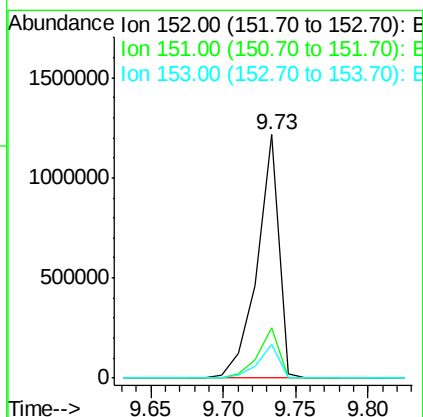
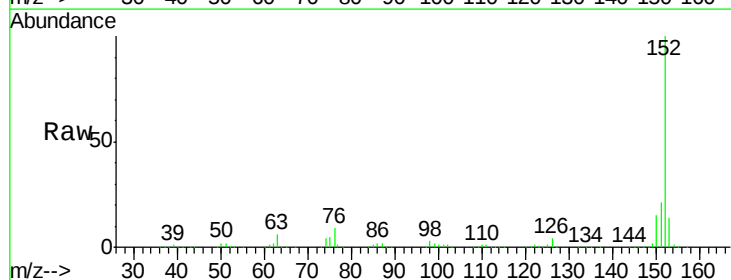
Instrument :
BNA_F
ClientSampleId :
PB84815BS

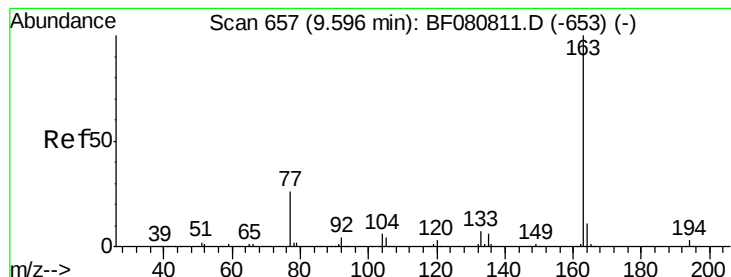
Tot Ion: 65 Resp: 323678
Ion Ratio Lower Upper
65 100
92 64.2 50.9 76.3
138 91.1 70.6 105.8



#48
Acenaphthylene
Concen: 37.10 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion: 152 Resp: 1255948
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.6 11.0 16.4





#49

Dimethylphthalate

Concen: 36.67 ng

RT: 9.60 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

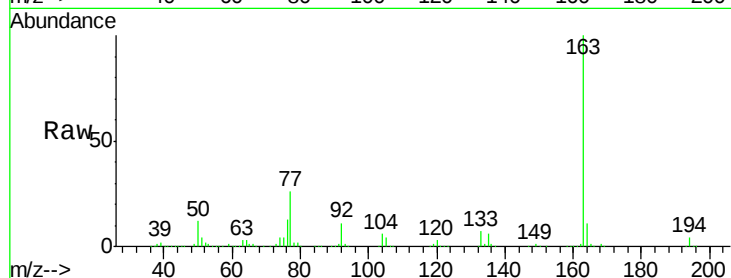
Tot Ion:163 Resp: 846486

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

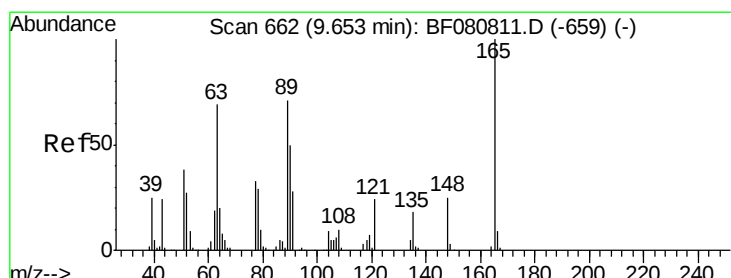
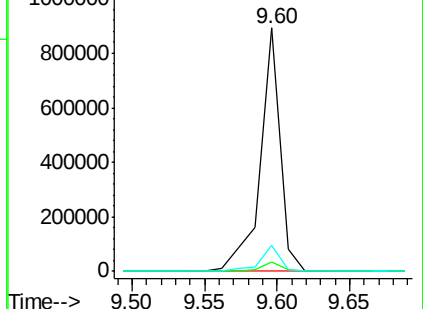
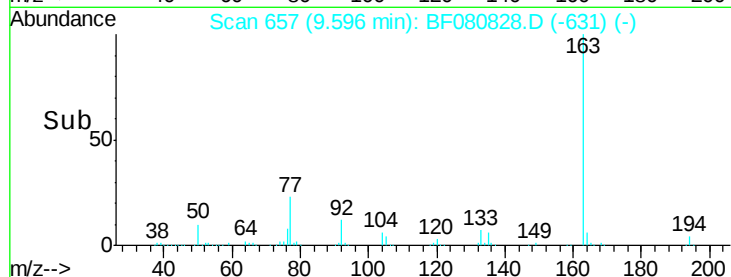
164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.76 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

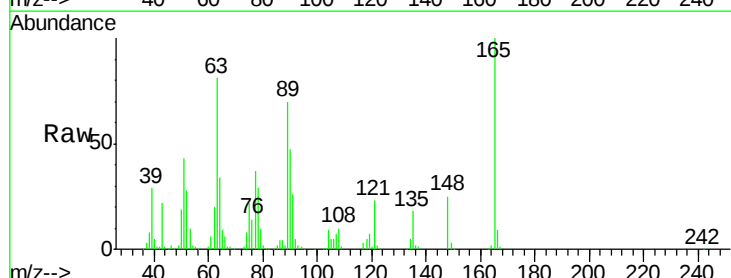
Tgt Ion:165 Resp: 182782

Ion Ratio Lower Upper

165 100

63 80.7 68.2 102.4

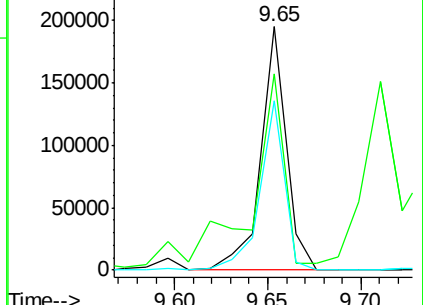
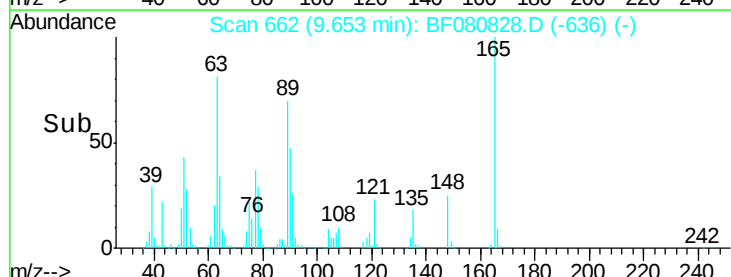
89 69.6 56.9 85.3

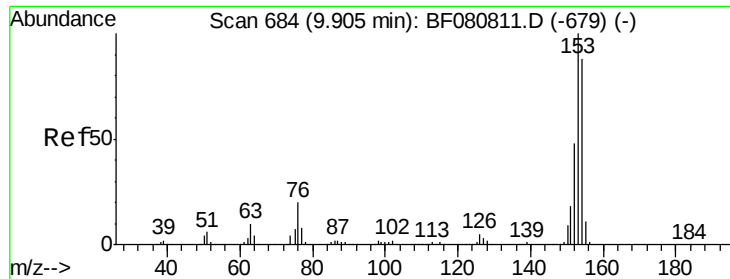


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.04 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

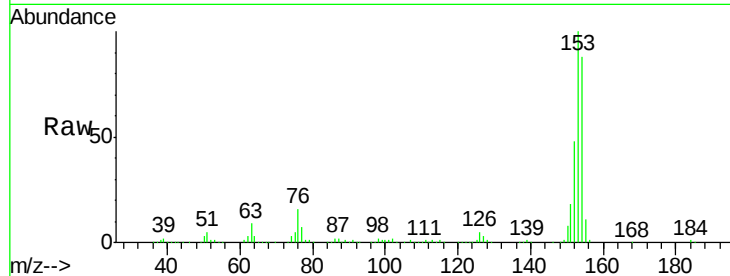
Tot Ion:154 Resp: 857290

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

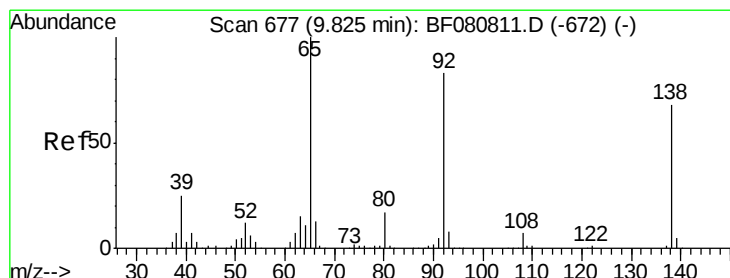
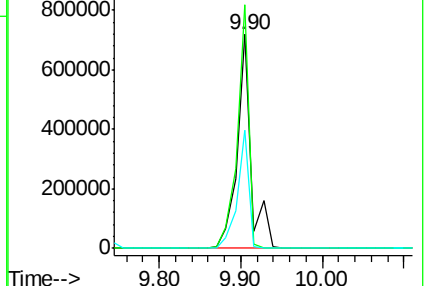
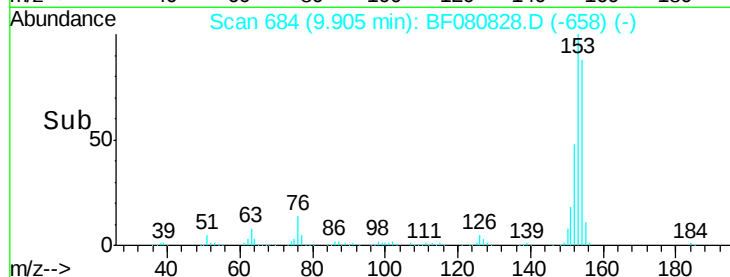
152 55.0 44.1 66.1



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: 24.89 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

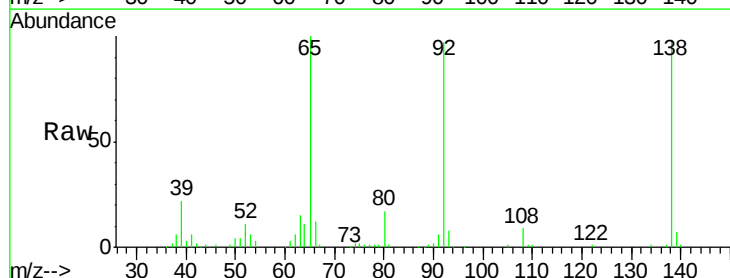
Tgt Ion:138 Resp: 143576

Ion Ratio Lower Upper

138 100

108 8.8 8.6 13.0

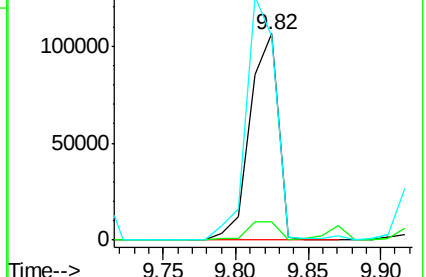
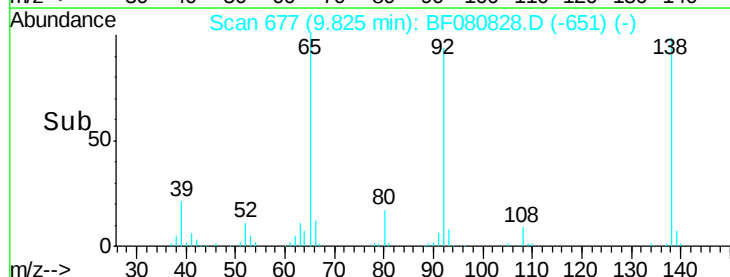
92 98.7 97.4 146.2

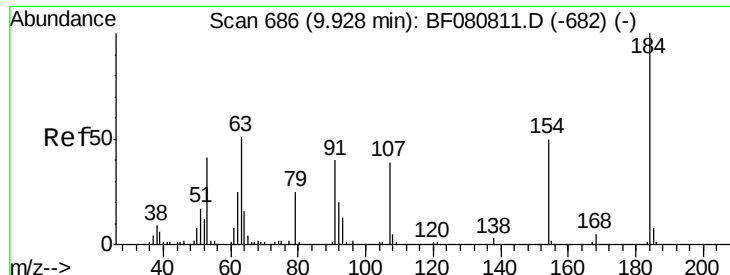


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

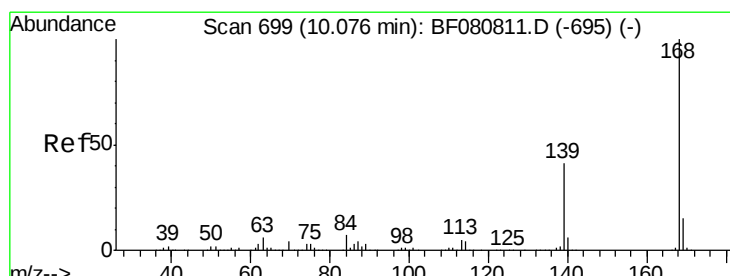
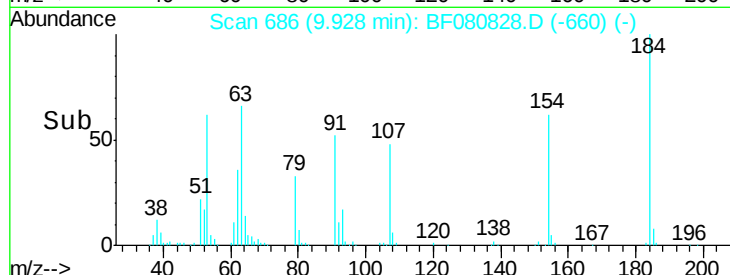
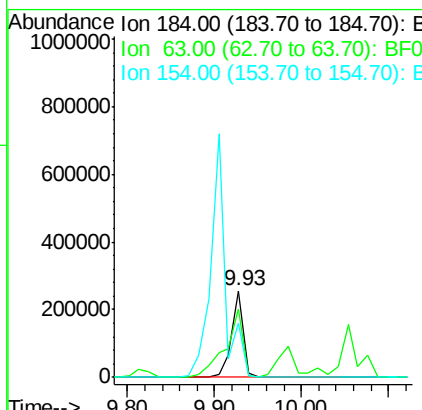
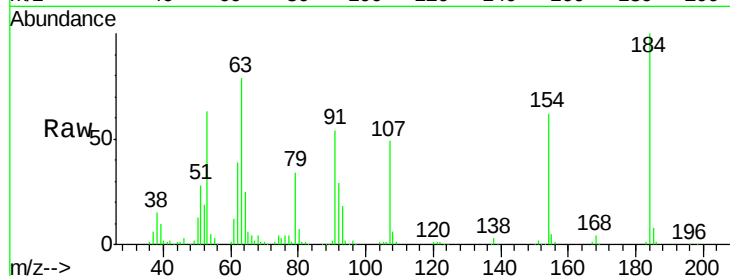




#53
 2,4-Dinitrophenol
 Concen: 93.91 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

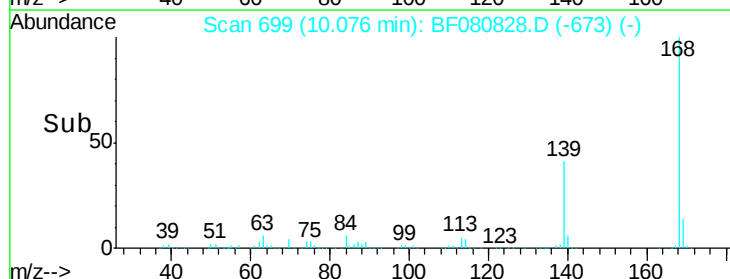
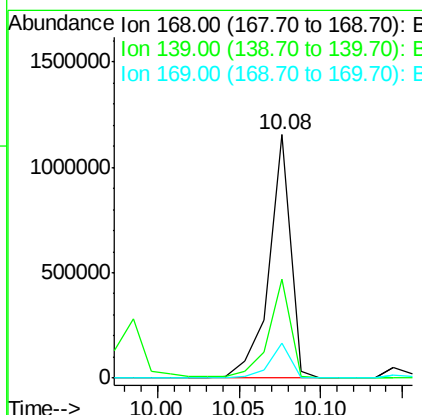
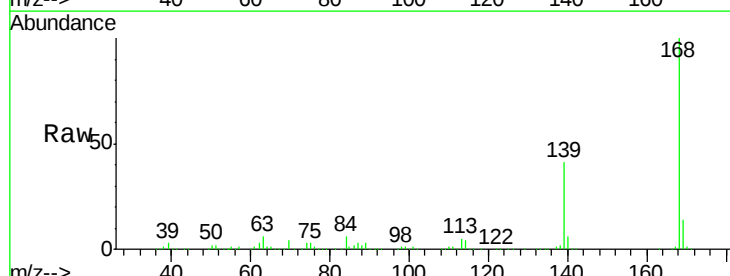
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

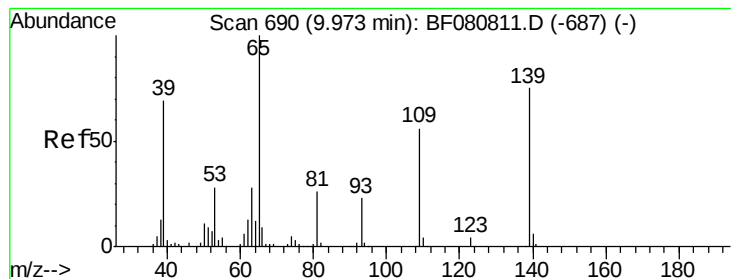
Tot Ion:184 Resp: 238883
 Ion Ratio Lower Upper
 184 100
 63 78.7 42.2 63.2#
 154 62.0 47.4 71.0



#54
 Dibenzofuran
 Concen: 39.24 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion:168 Resp: 1059351
 Ion Ratio Lower Upper
 168 100
 139 40.5 32.8 49.2
 169 14.2 11.6 17.4





#55

4-Nitrophenol

Concen: 82.70 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

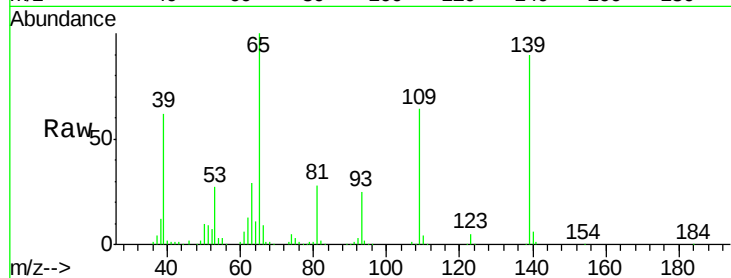
Tot Ion:139 Resp: 341073

Ion Ratio Lower Upper

139 100

109 71.4 55.1 95.1

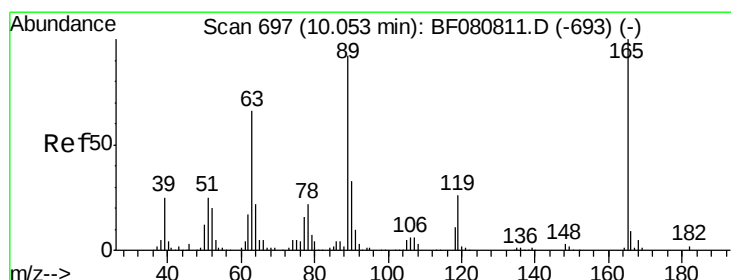
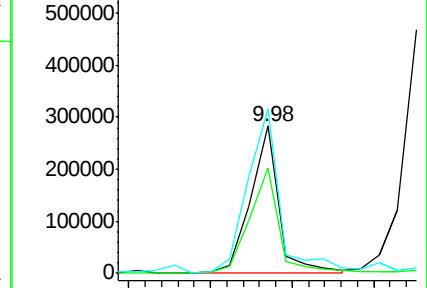
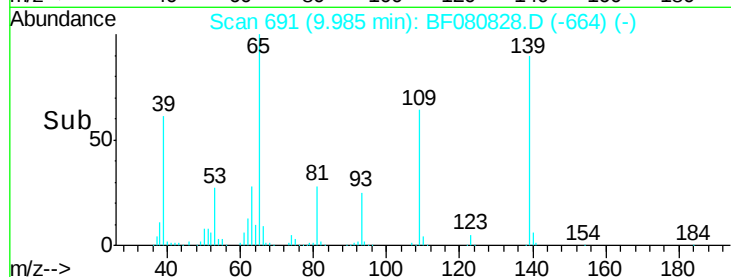
65 111.3 113.9 153.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.02 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:165 Resp: 232673

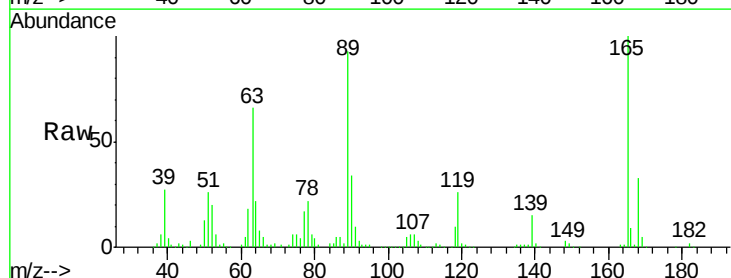
Ion Ratio Lower Upper

165 100

63 66.3 53.3 79.9

89 92.8 73.5 110.3

182 2.2 1.7 2.5

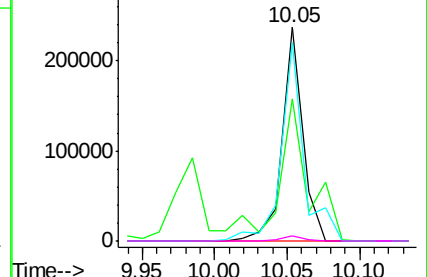
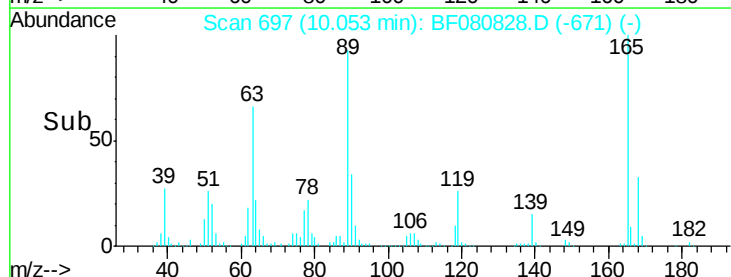


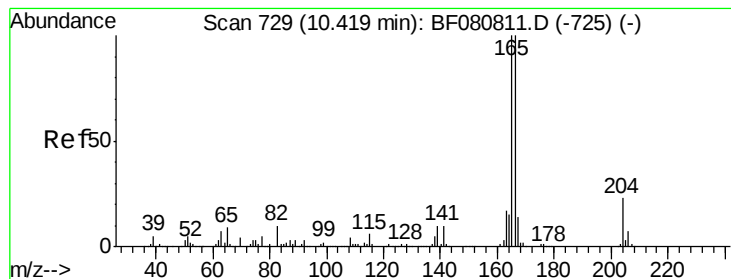
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.23 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampled :

PB84815BS

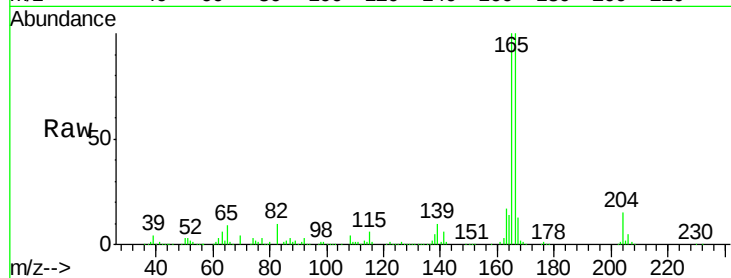
Tot Ion:166 Resp: 821723

Ion Ratio Lower Upper

166 100

165 100.0 79.9 119.9

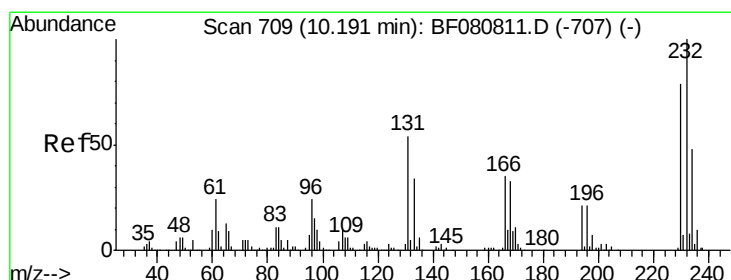
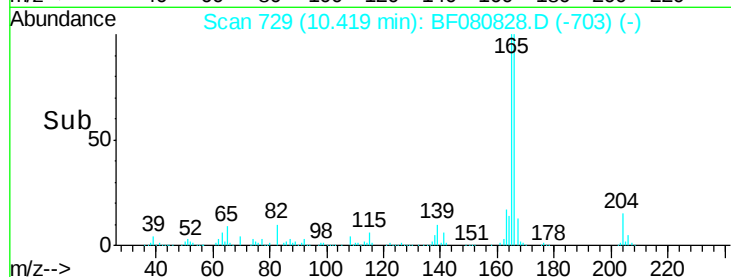
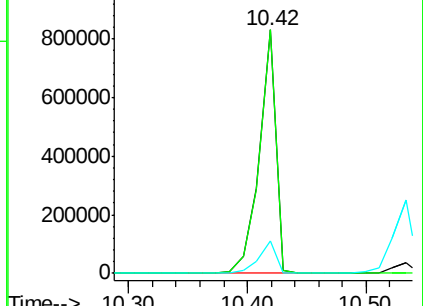
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.30 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Tgt Ion:232 Resp: 226437

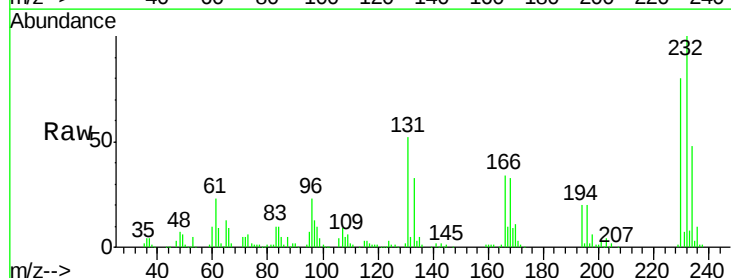
Ion Ratio Lower Upper

232 100

131 48.7 41.9 62.9

130 2.2 2.0 3.0

166 30.1 26.4 39.6

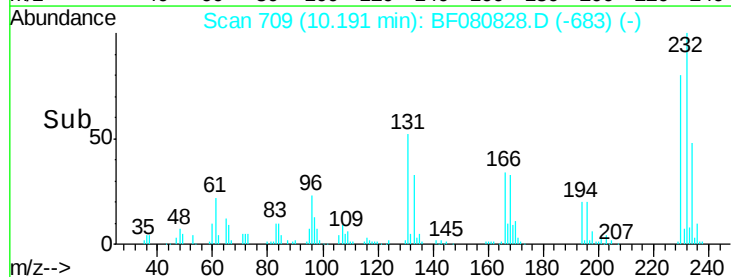
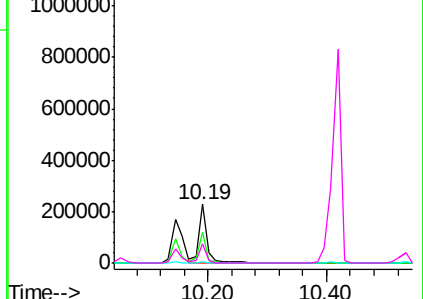


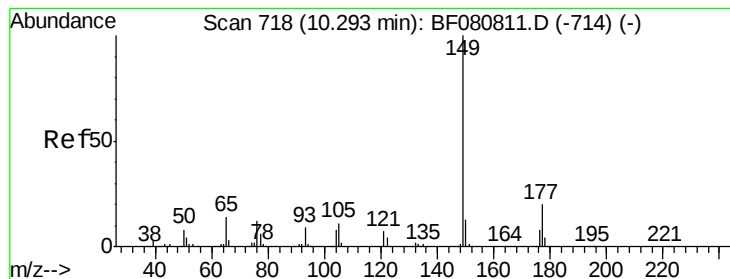
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.47 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

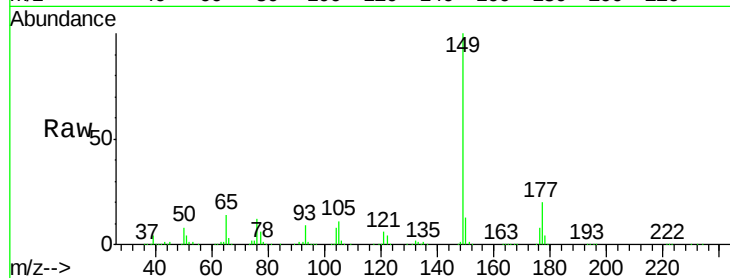
Tot Ion:149 Resp: 826145

Ion Ratio Lower Upper

149 100

177 20.1 16.2 24.2

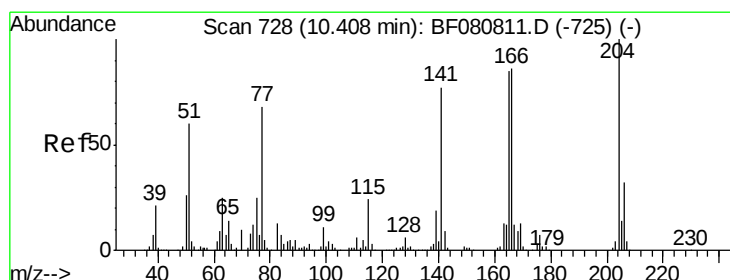
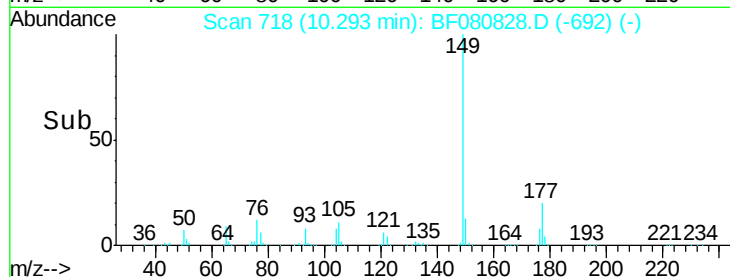
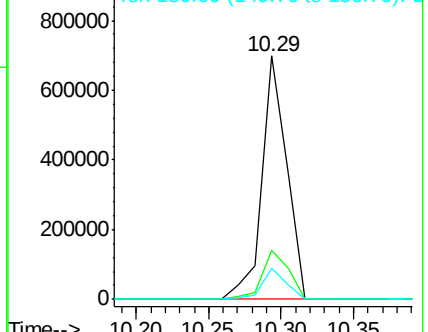
150 12.6 10.6 15.8



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: 34.58 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

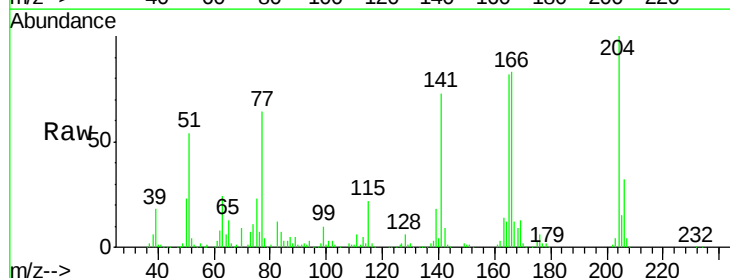
Tgt Ion:204 Resp: 355197

Ion Ratio Lower Upper

204 100

206 32.4 25.6 38.4

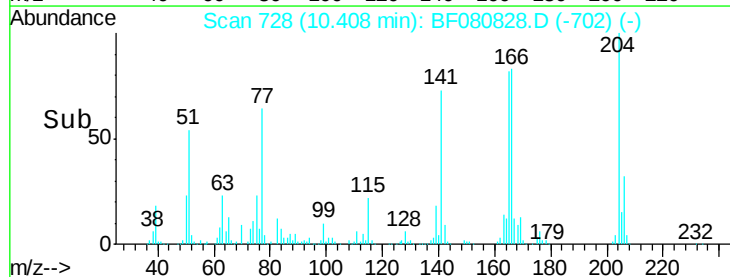
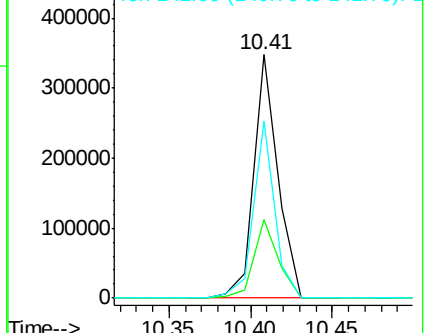
141 72.5 61.2 91.8

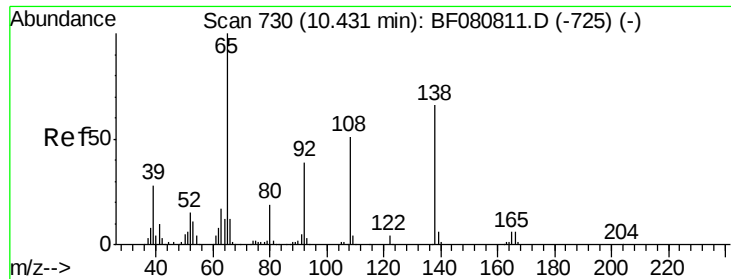


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

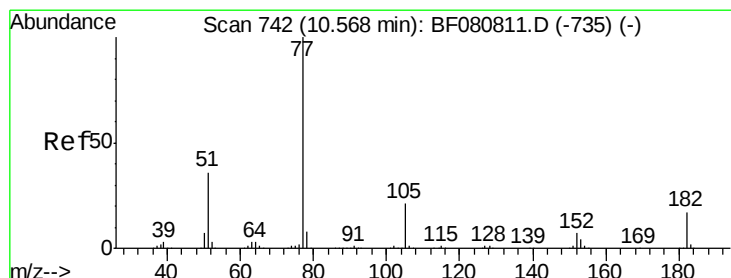
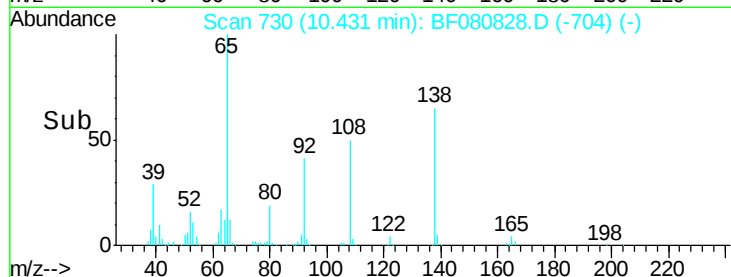
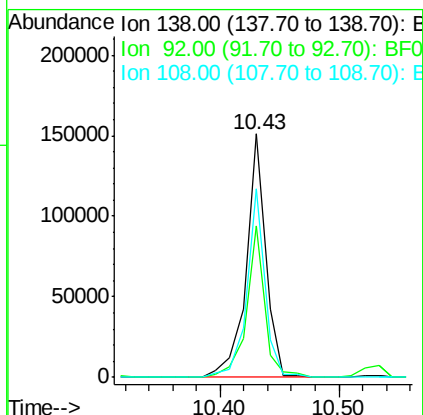
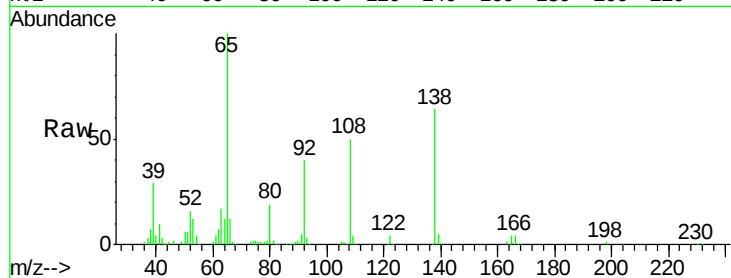




#61
4-Nitroaniline
Concen: 32.84 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

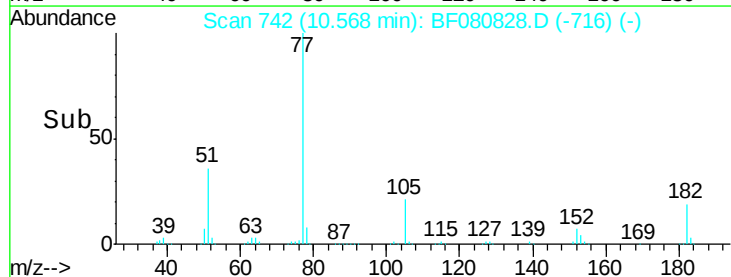
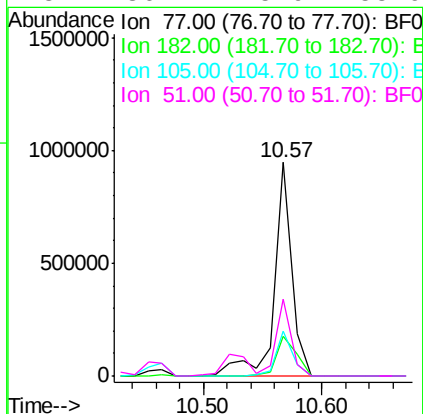
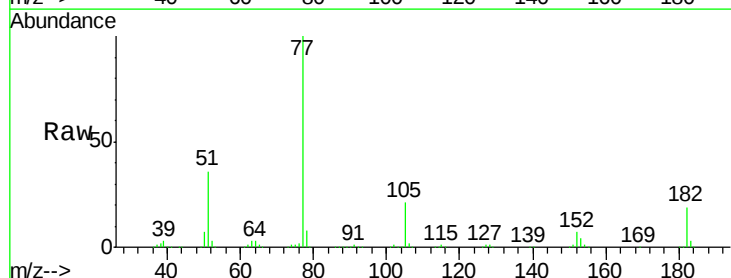
Instrument :
BNA_F
ClientSampleId :
PB84815BS

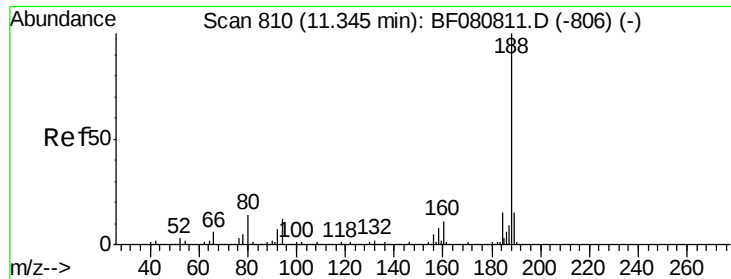
Tot Ion:138 Resp: 175363
Ion Ratio Lower Upper
138 100
92 62.2 38.7 78.7
108 77.7 56.8 96.8



#62
Azobenzene
Concen: 38.44 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion: 77 Resp: 981649
Ion Ratio Lower Upper
77 100
182 18.6 0.0 37.4
105 21.1 0.9 40.9
51 36.2 15.9 55.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

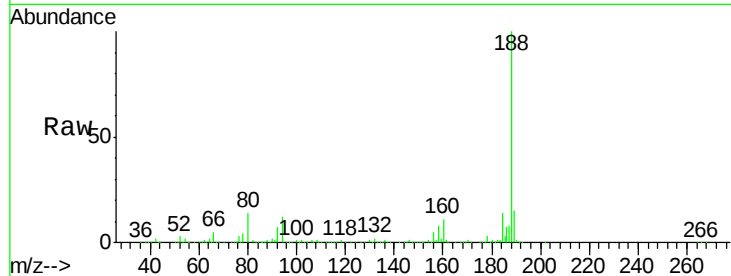
Tot Ion:188 Resp: 629154

Ion Ratio Lower Upper

188 100

94 12.1 9.7 14.5

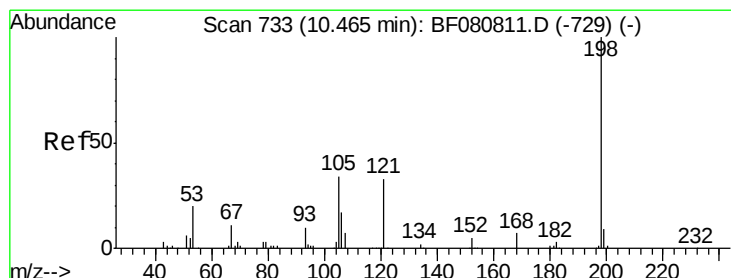
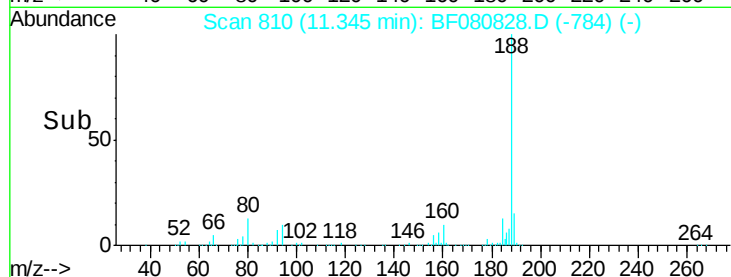
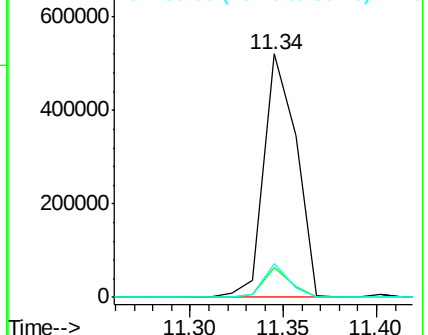
80 13.7 11.2 16.8



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: 39.99 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

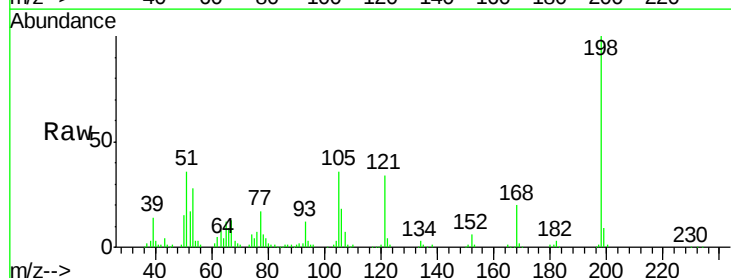
Tgt Ion:198 Resp: 155091

Ion Ratio Lower Upper

198 100

51 35.8 13.9 53.9

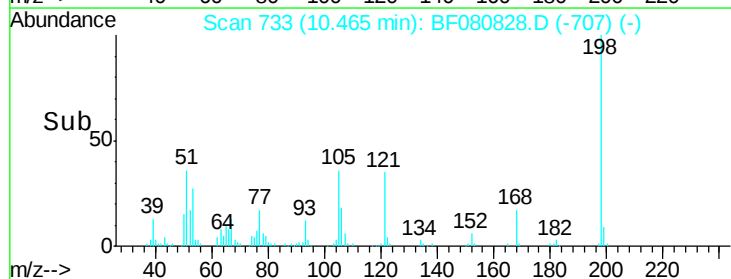
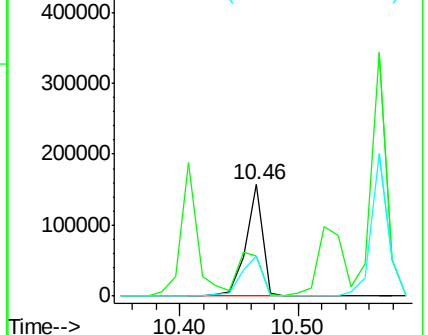
105 35.7 14.1 54.1

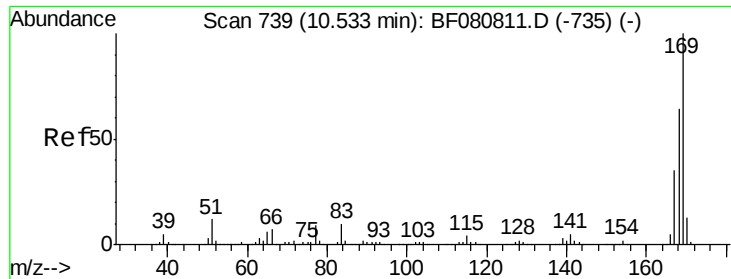


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

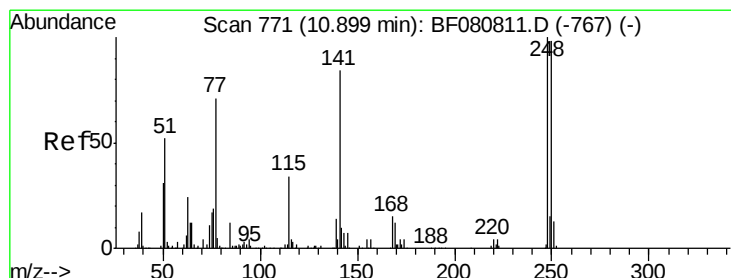
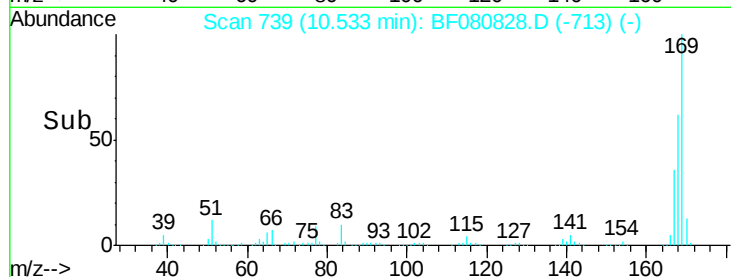
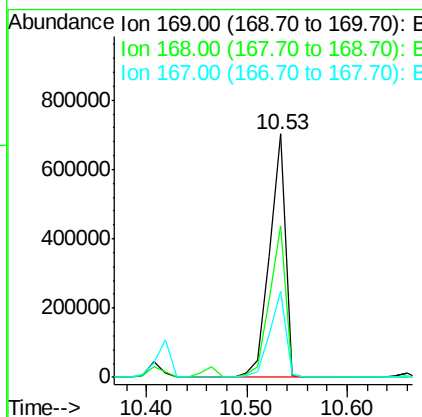
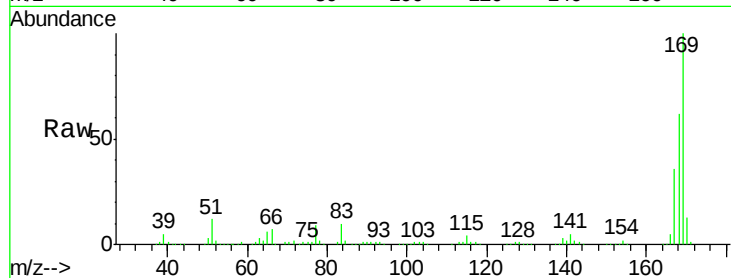




#65
 n-Nitrosodiphenylamine
 Concen: 35.01 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

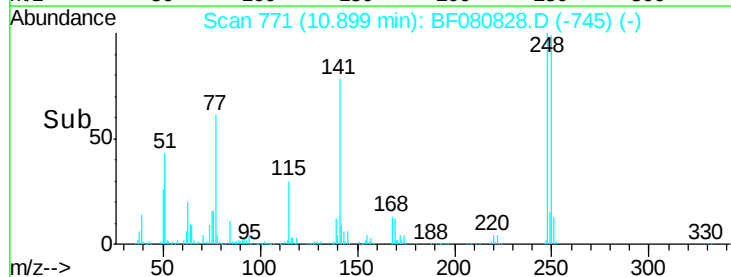
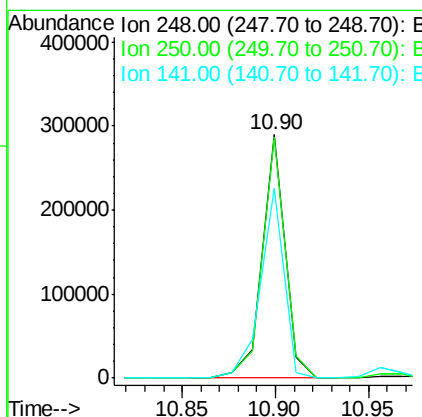
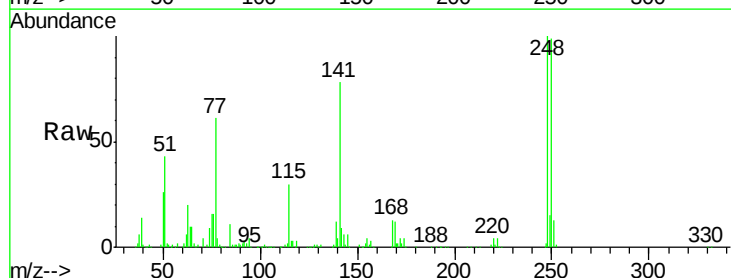
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

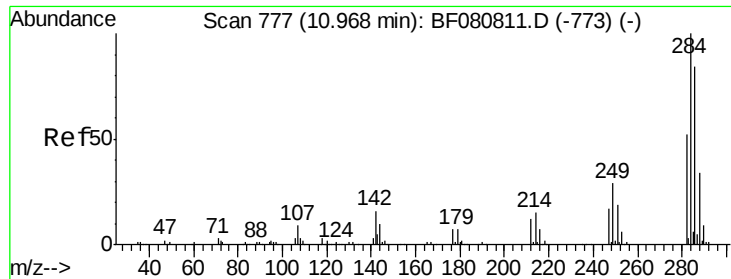
Tot Ion:169 Resp: 770982
 Ion Ratio Lower Upper
 169 100
 168 62.4 50.9 76.3
 167 35.6 27.7 41.5



#66
 4-Bromophenyl-phenylether
 Concen: 35.27 ng
 RT: 10.90 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion:248 Resp: 243811
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.4 117.6
 141 78.1 67.3 100.9

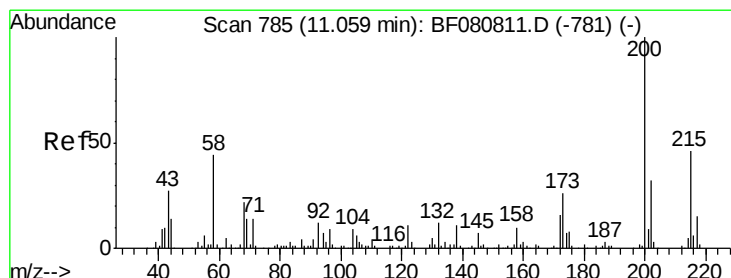
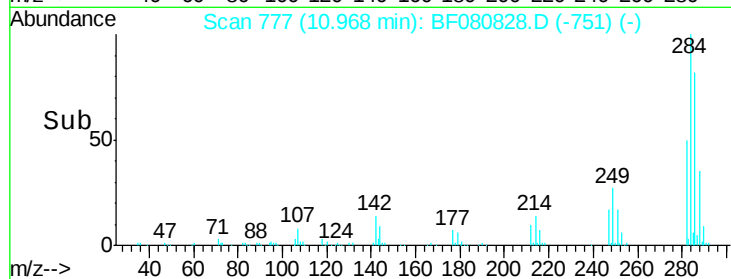
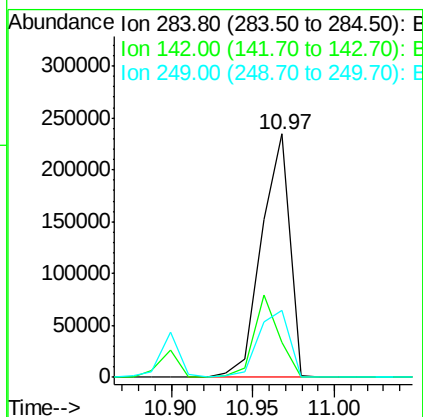
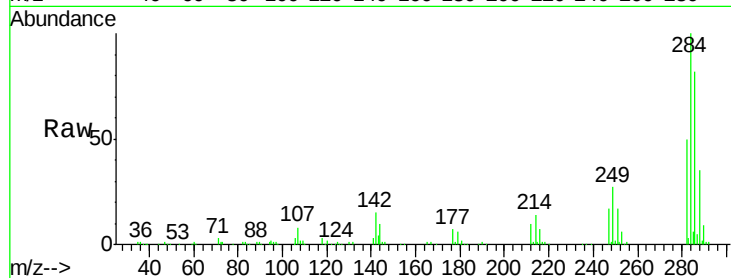




#67
Hexachlorobenzene
Concen: 35.91 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

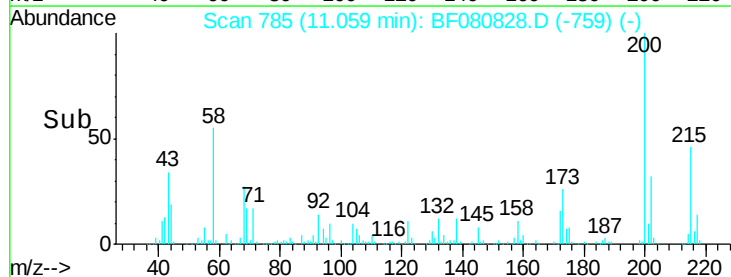
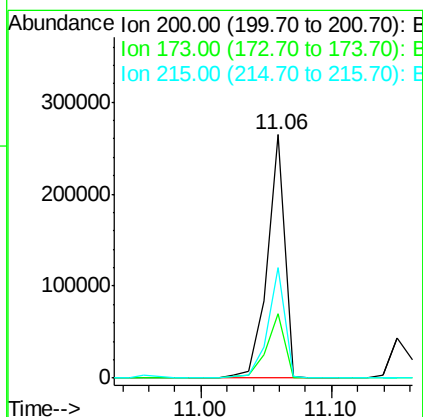
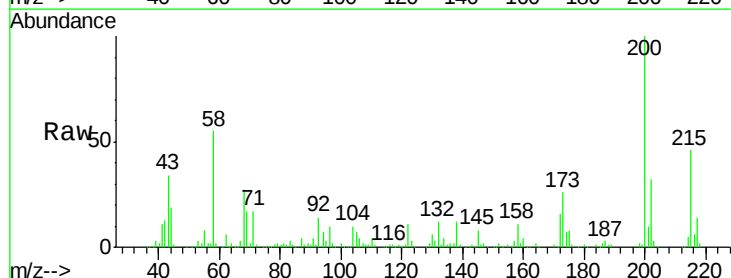
Instrument :
BNA_F
ClientSampleId :
PB84815BS

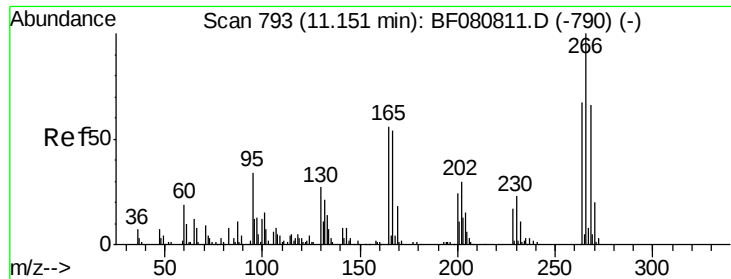
Tot Ion	Ratio	Lower	Upper
284	100		
142	14.6	13.0	19.4
249	27.4	22.9	34.3



#68
Atrazine
Concen: 49.60 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.0	46.0
215	45.6	26.4	66.4

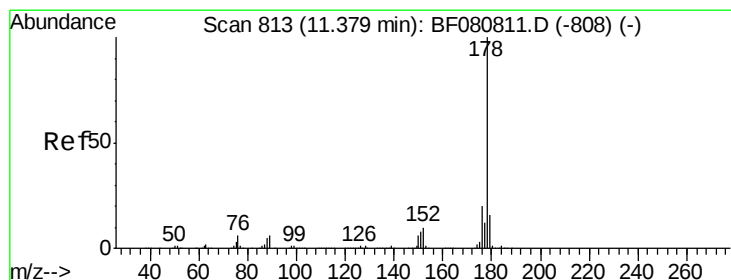
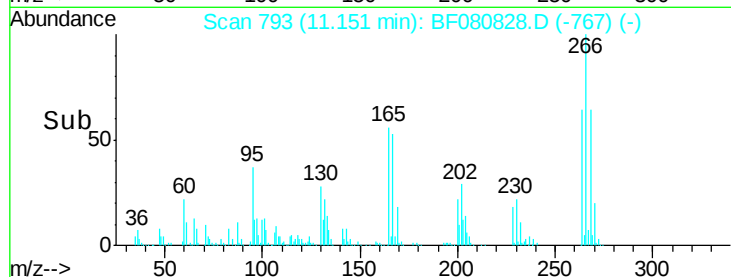
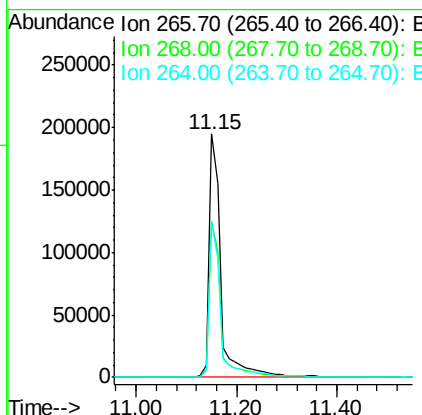
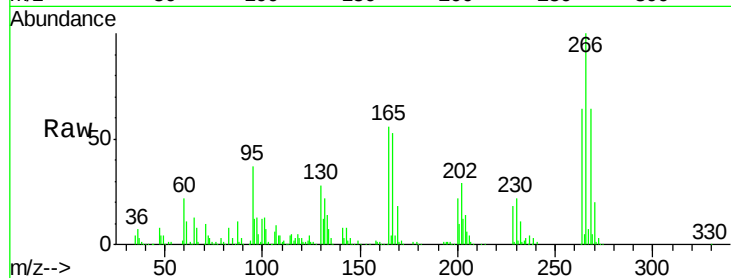




#69
 Pentachlorophenol
 Concen: 76.33 ng
 RT: 11.15 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

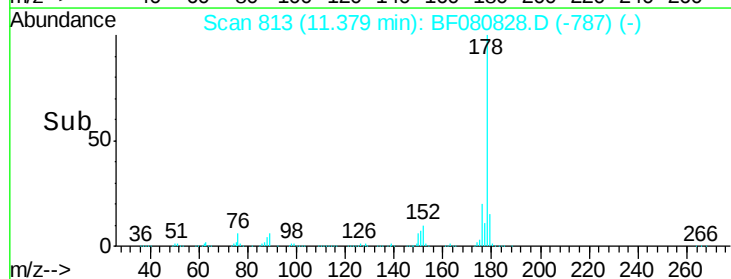
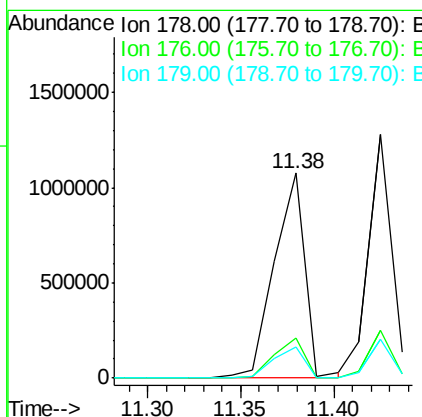
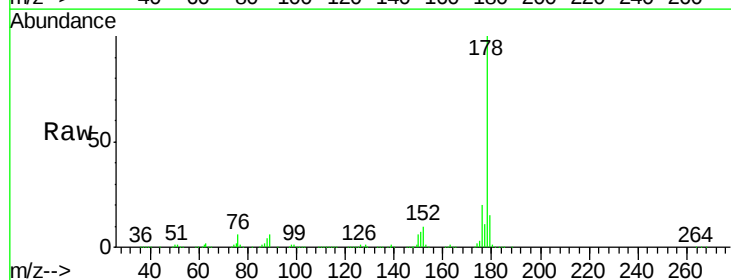
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

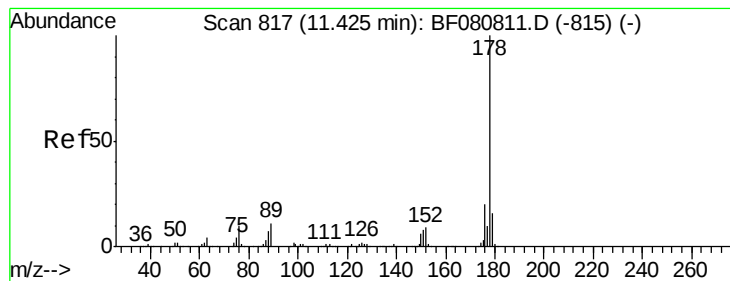
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.7	79.1
264	64.3	53.4	80.0



#70
 Phenanthrene
 Concen: 37.46 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.4	12.6	19.0





#71

Anthracene

Concen: 34.29 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

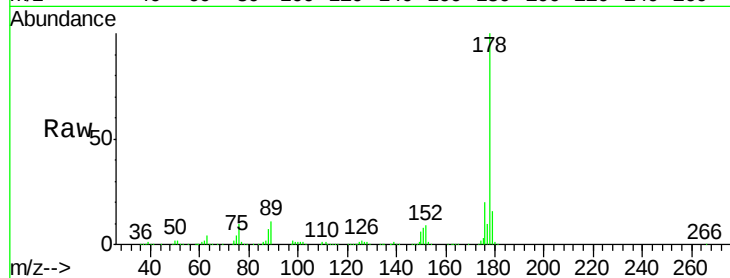
Tot Ion:178 Resp: 1107569

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

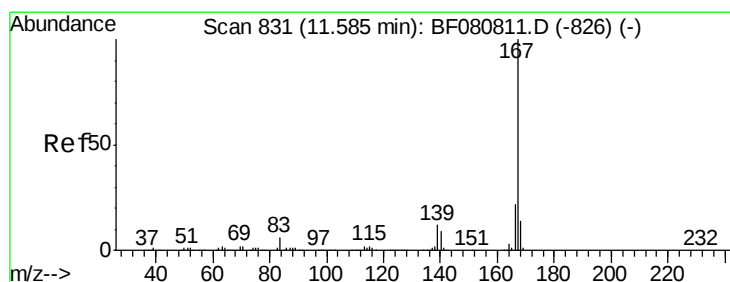
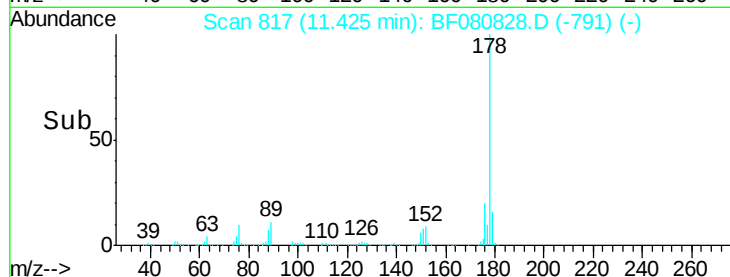
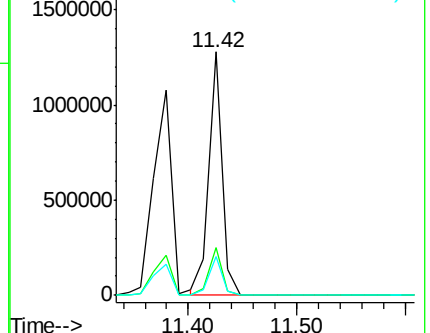
179 16.0 13.0 19.4



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: 36.79 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

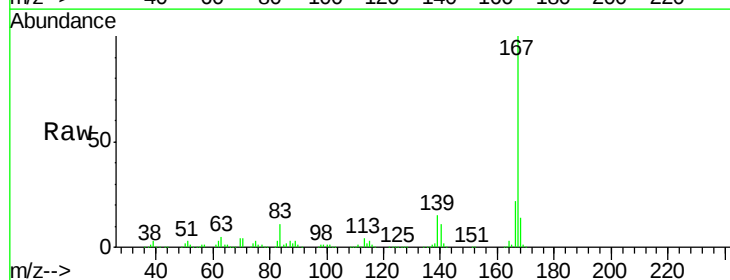
Tgt Ion:167 Resp: 1029057

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

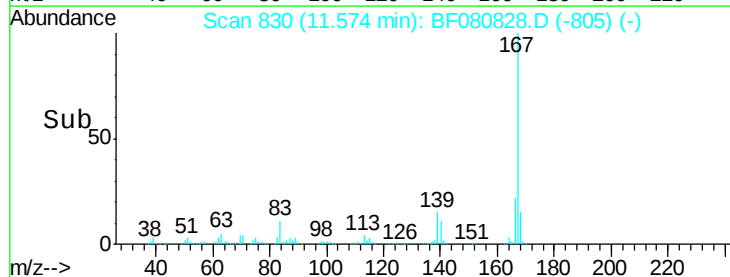
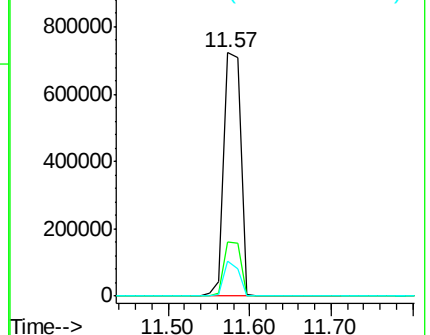
139 14.6 9.6 14.4#

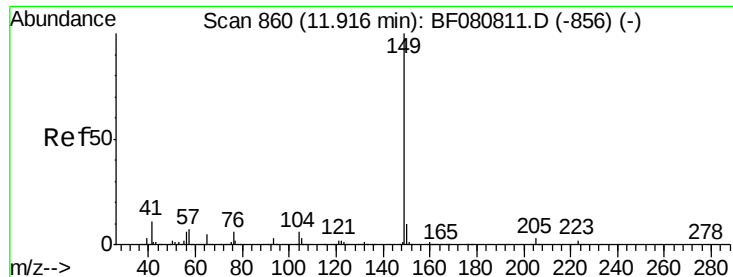


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.99 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

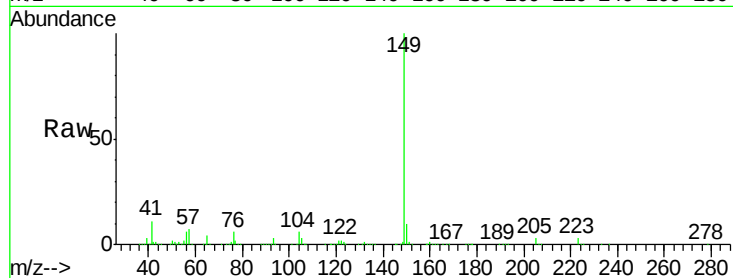
Tot Ion:149 Resp: 1238792

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

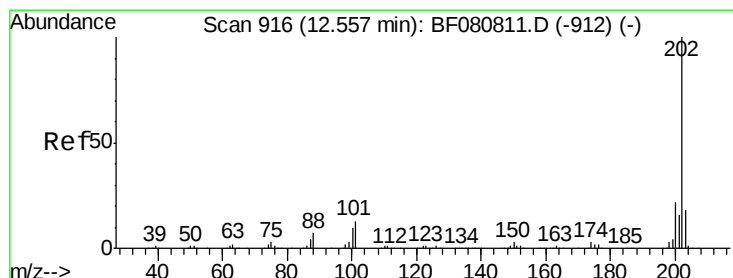
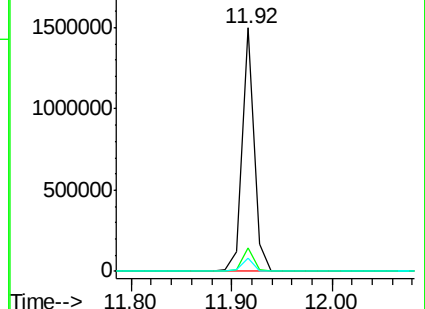
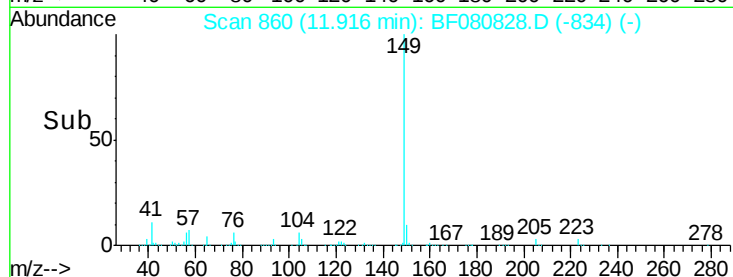
104 5.5 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.35 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

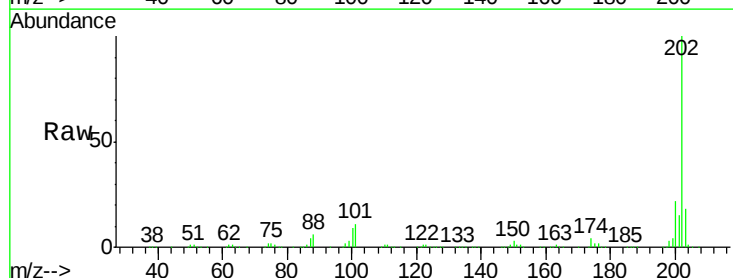
Tgt Ion:202 Resp: 1107918

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.0

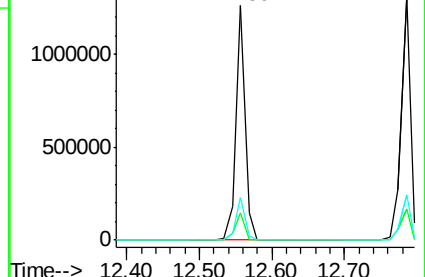
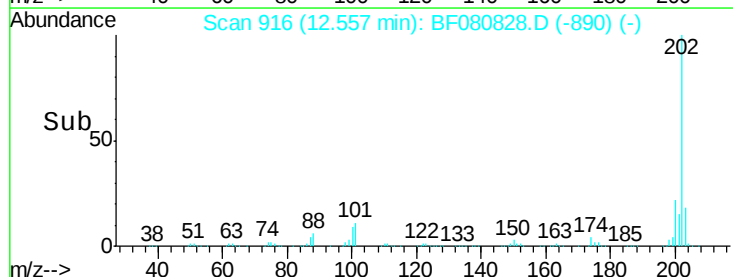
203 18.2 0.0 38.1

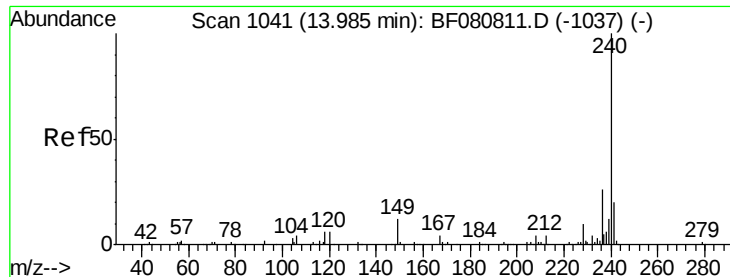


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

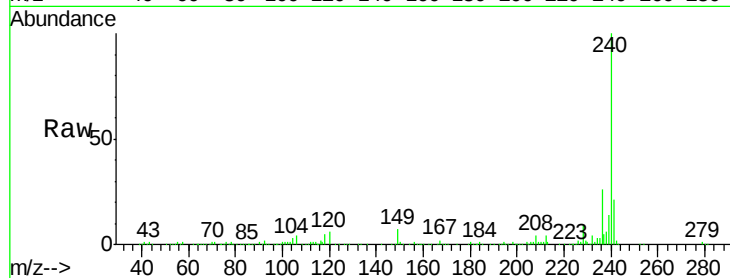
Tot Ion:240 Resp: 382349

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

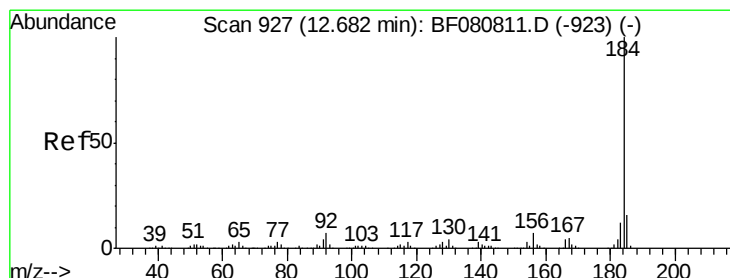
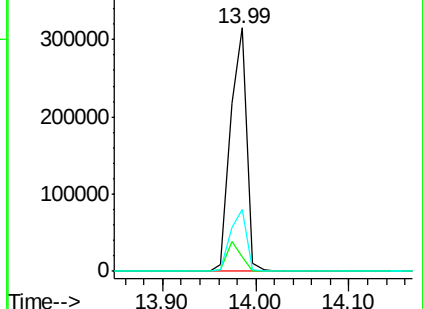
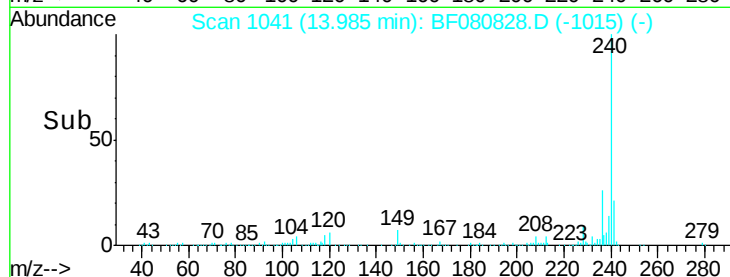
236 25.7 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.53 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

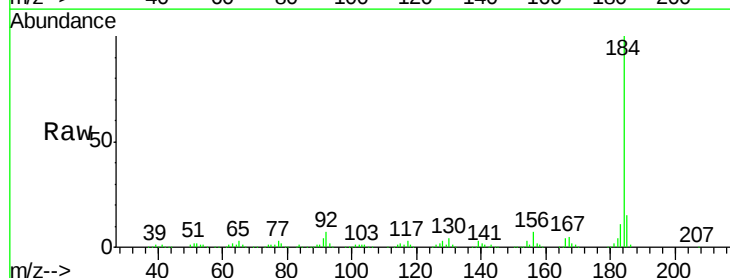
Tgt Ion:184 Resp: 426691

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

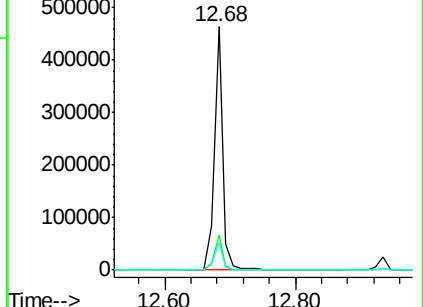
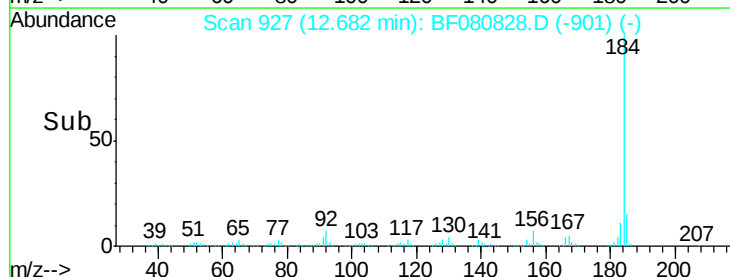
183 11.4 9.3 13.9

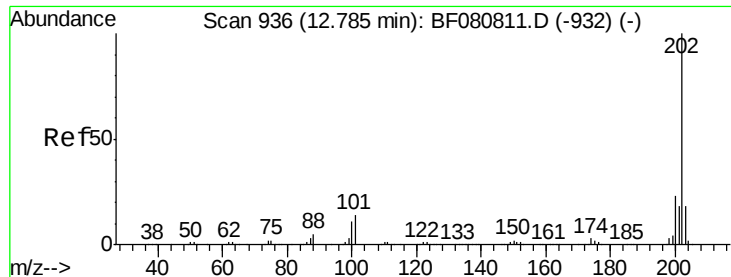


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

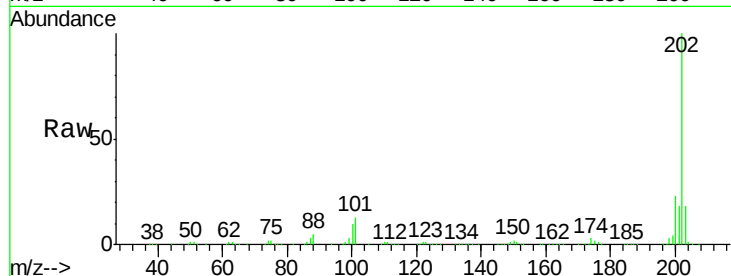




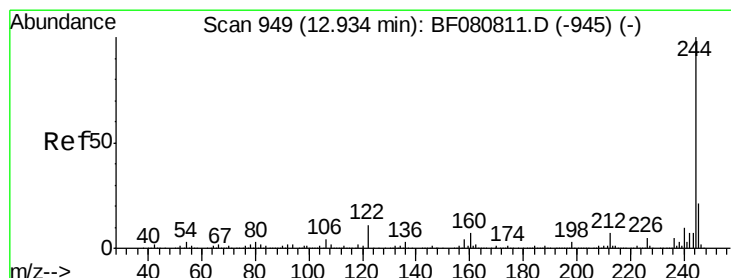
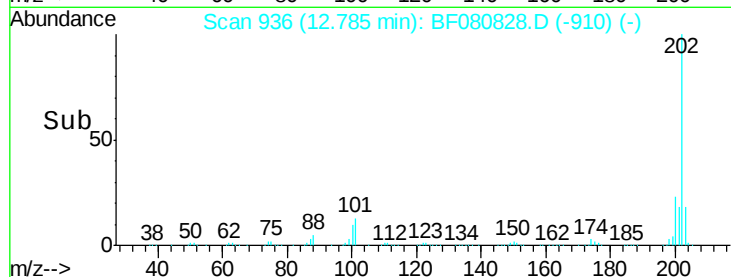
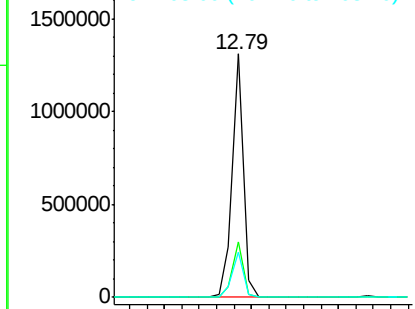
#77
Pvrene
Concen: 41.13 ng
RT: 12.79 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Instrument :
BNA_F
ClientSampleId :
PB84815BS

Tot Ion:202 Resp: 1165612
Ion Ratio Lower Upper
202 100
200 22.7 18.2 27.4
203 18.4 14.8 22.2

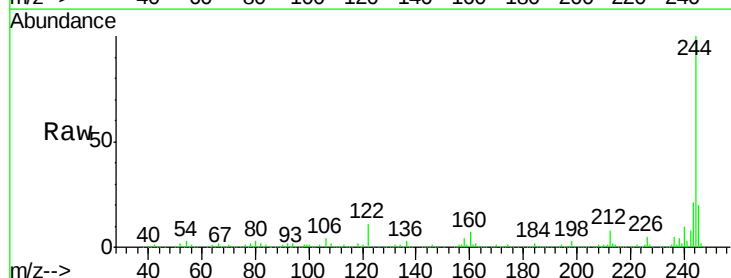


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

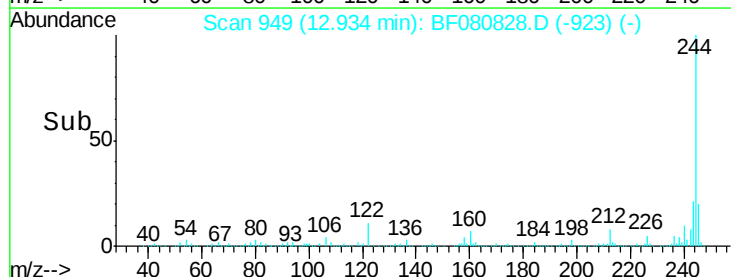
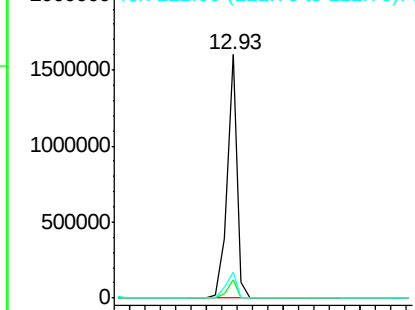


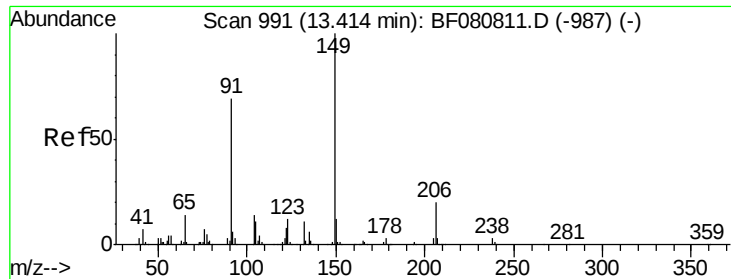
#78
Terphenyl-d14
Concen: 76.19 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion:244 Resp: 1461710
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 10.8 9.1 13.7



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





#79

Butylbenzylphthalate

Concen: 44.57 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleID :

PB84815BS

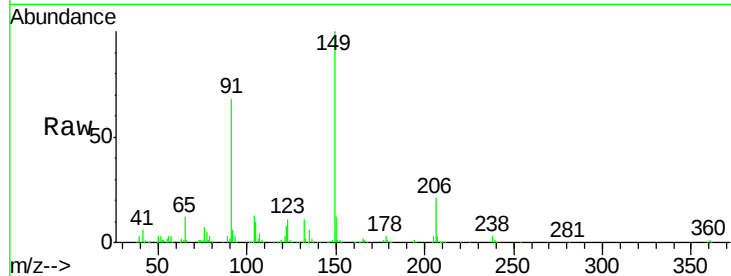
Tot Ion:149 Resp: 497502

Ion Ratio Lower Upper

149 100

91 68.2 55.4 83.2

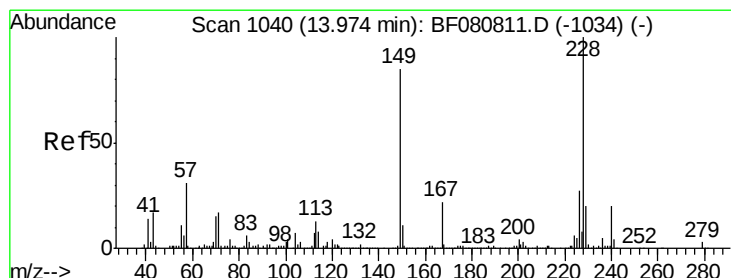
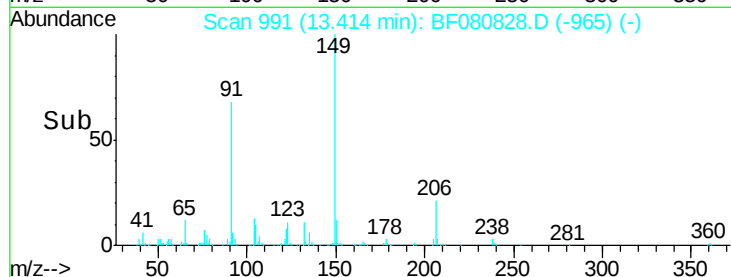
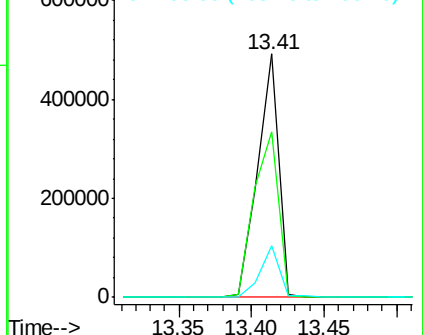
206 21.0 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.39 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

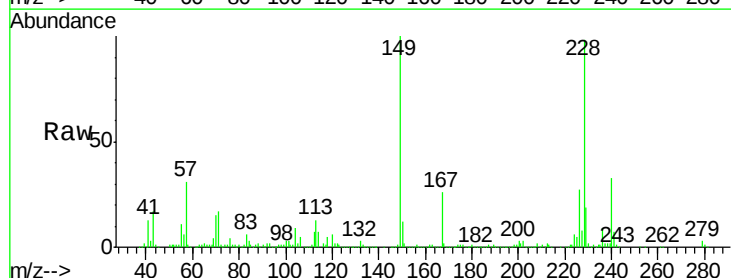
Tgt Ion:228 Resp: 859913

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

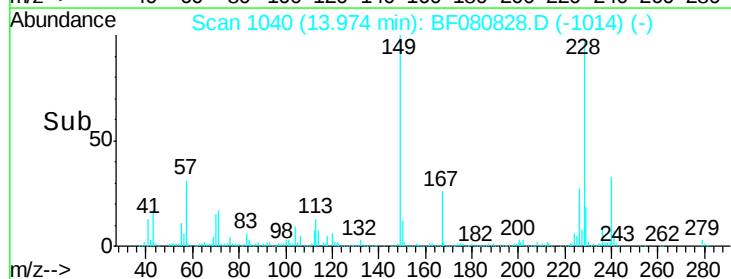
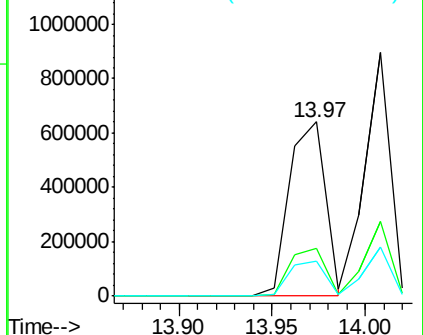
229 19.8 15.7 23.5

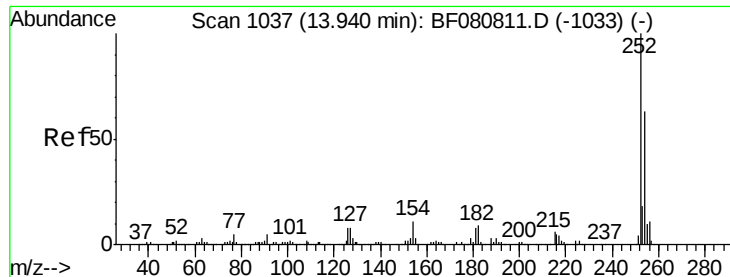


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

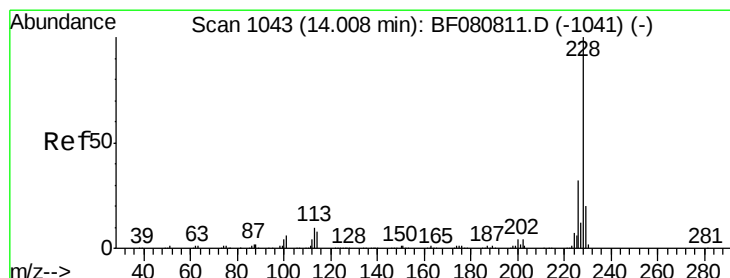
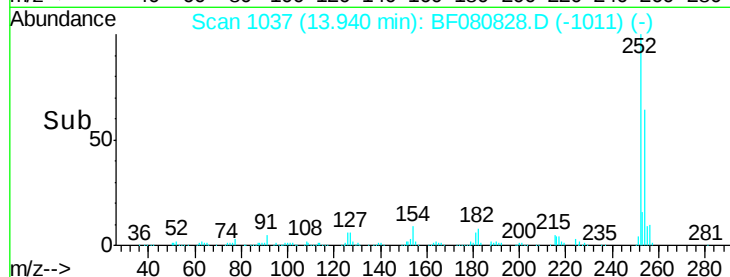
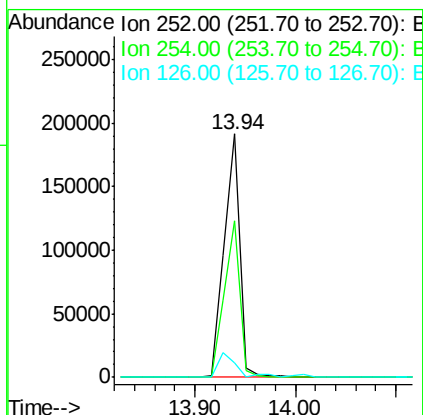
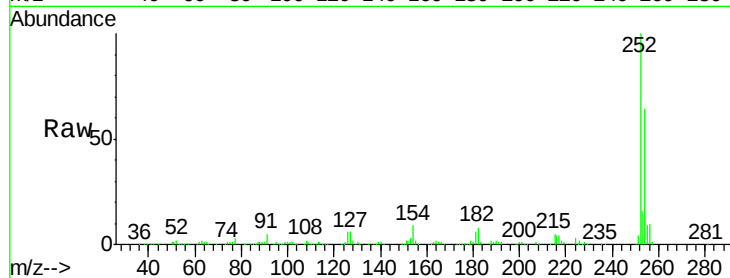




#81
 3,3'-Dichlorobenzidine
 Concen: 26.76 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

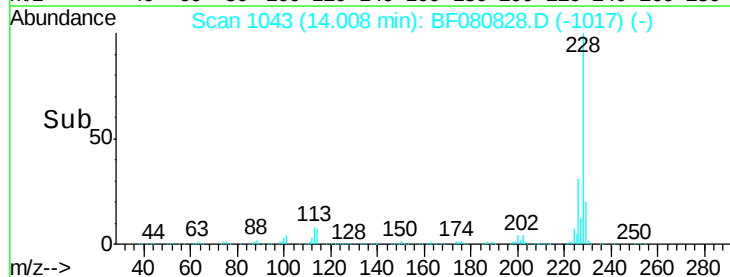
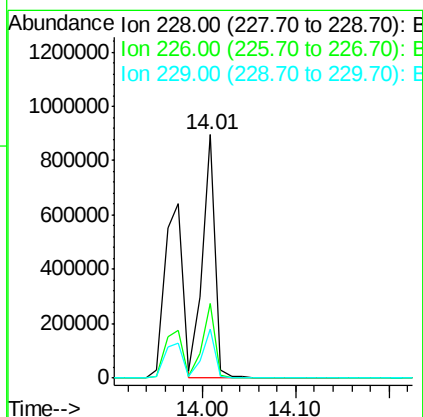
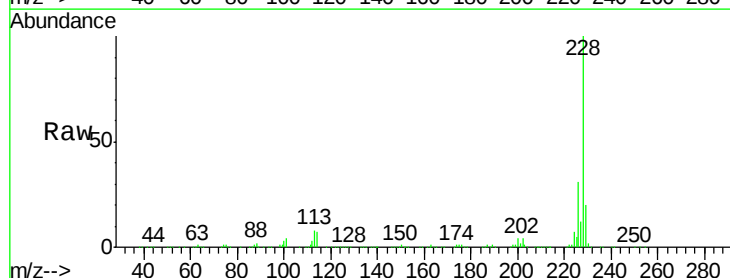
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

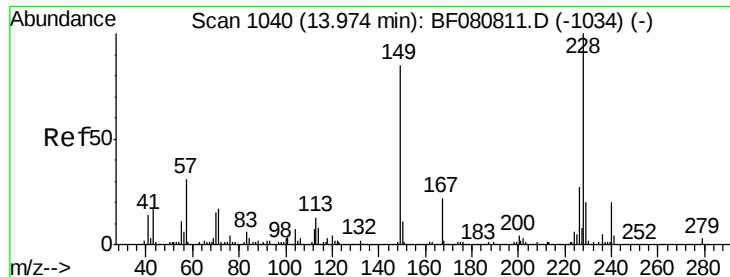
Tot Ion:252 Resp: 207241
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.1 75.1
 126 6.2 6.2 9.4#



#82
 Chrysene
 Concen: 40.22 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion:228 Resp: 853243
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.2 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.75 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

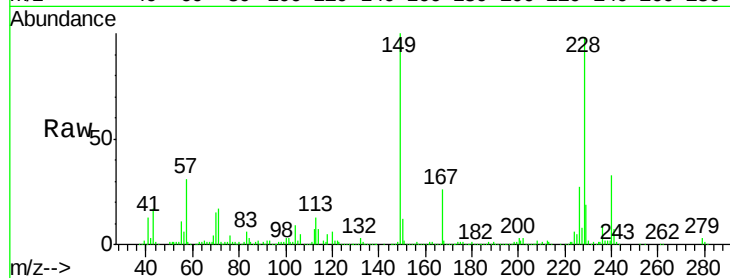
Tot Ion:149 Resp: 616535

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.4	30.6
279	3.5	2.4	3.6

149 100

167 26.5 20.4 30.6

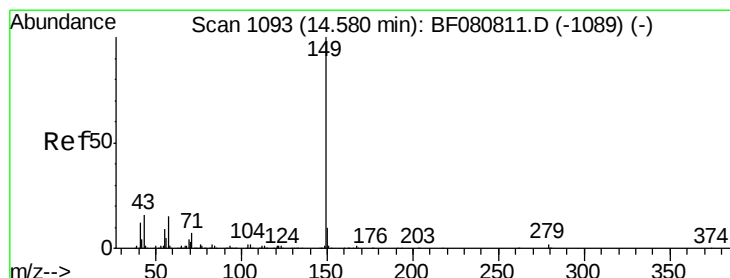
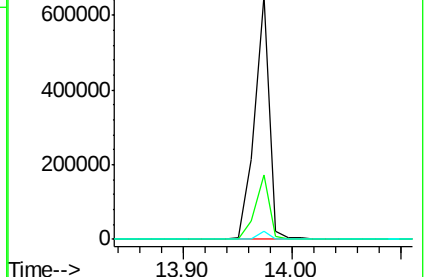
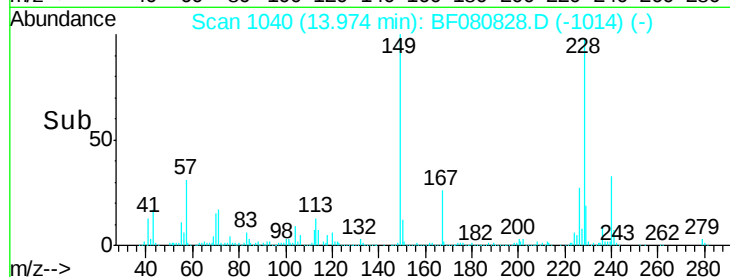
279 3.5 2.4 3.6



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: 43.33 ng

RT: 14.58 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

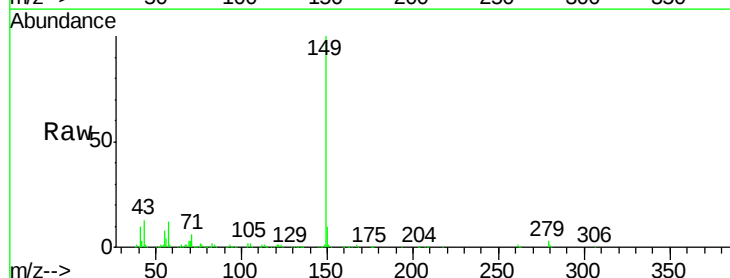
Tgt Ion:149 Resp: 944213

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.7	11.8	17.8

149 100

167 1.4 1.1 1.7

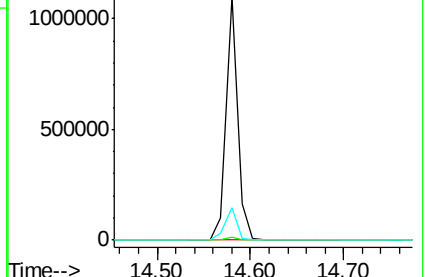
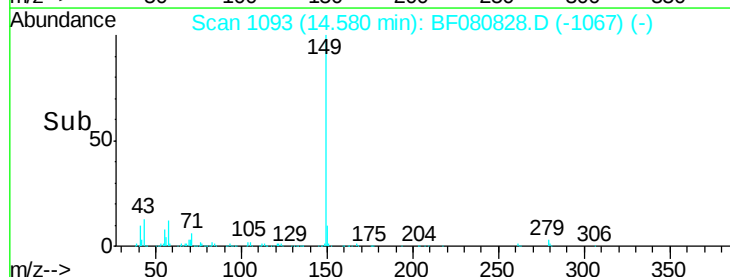
43 13.7 11.8 17.8

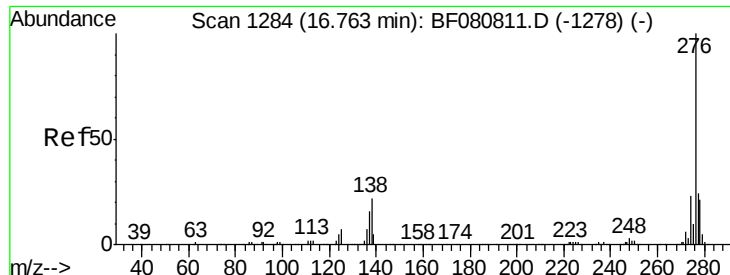


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

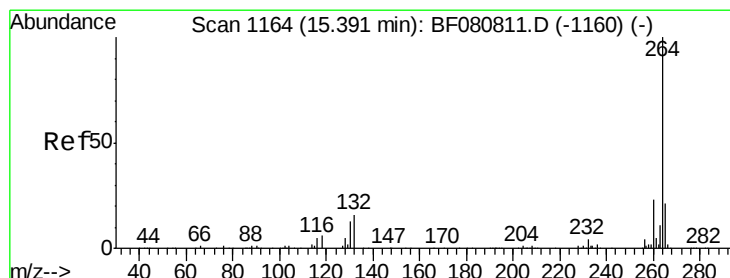
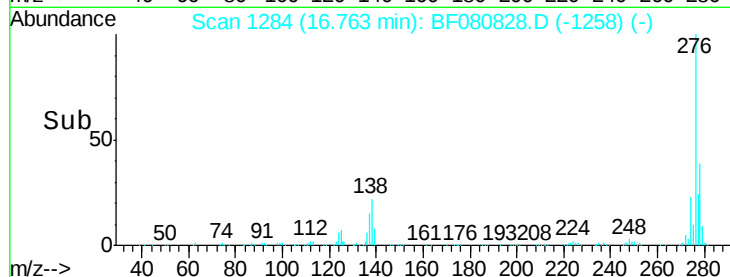
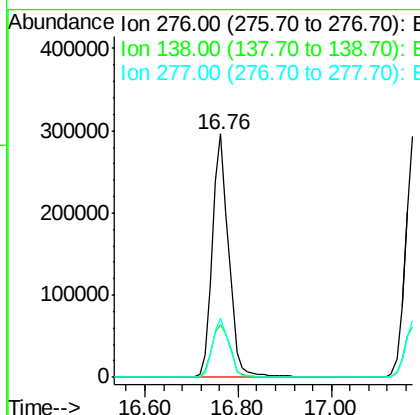
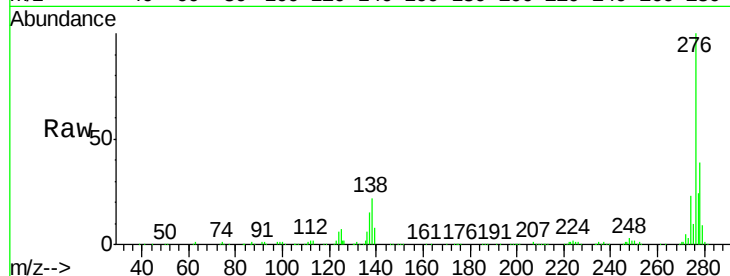




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.39 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

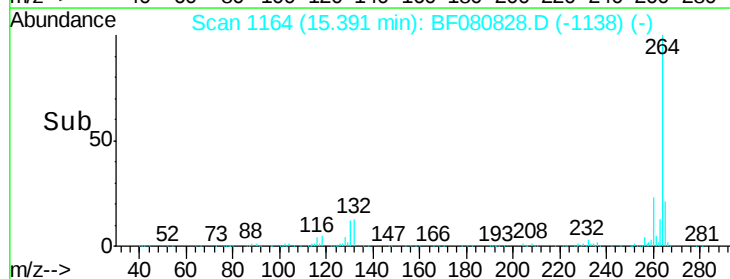
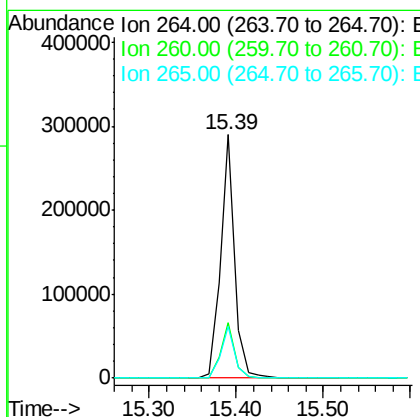
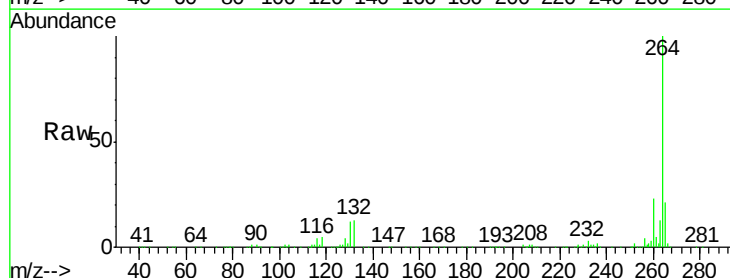
Instrument :
 BNA_F
 ClientSampleId :
 PB84815BS

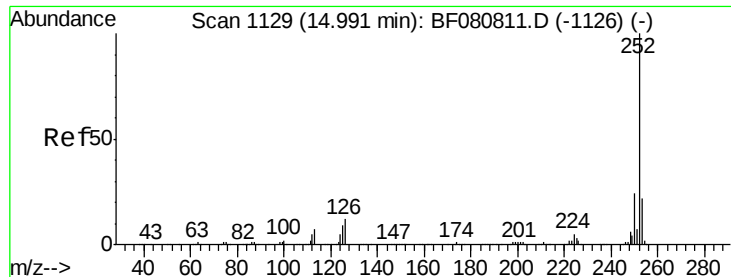
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.6	27.8
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080828.D
 Acq: 4 Aug 2015 7:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.0	17.0	25.6

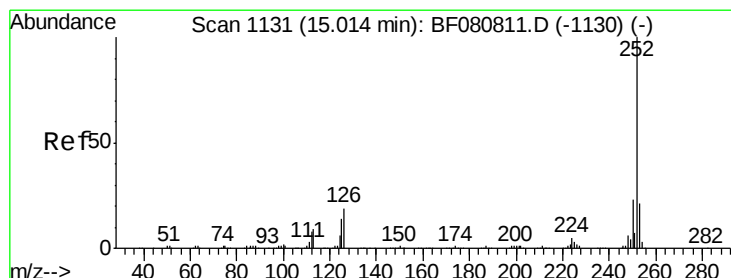
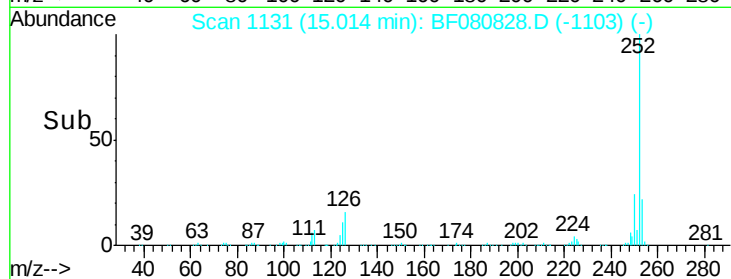
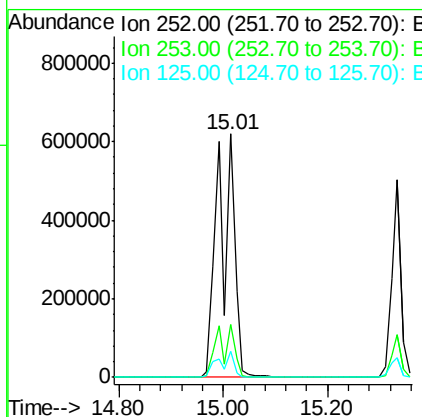
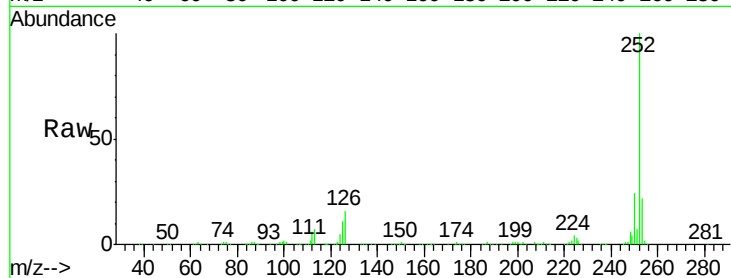




#87
Benzo(b)fluoranthene
Concen: 69.54 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

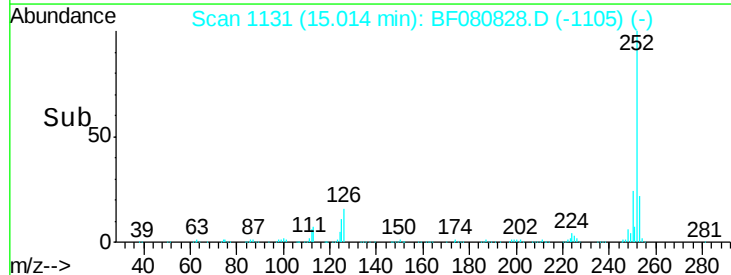
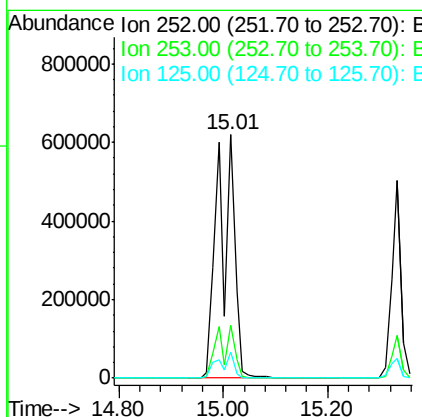
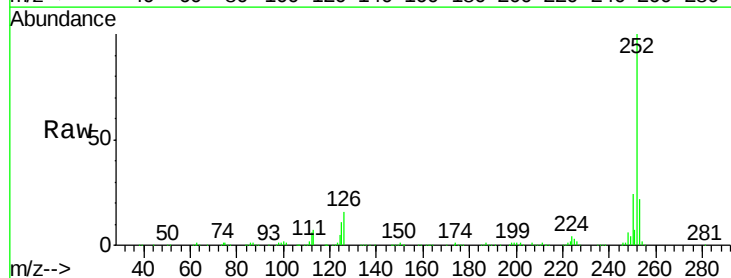
Instrument :
BNA_F
ClientSampleId :
PB84815BS

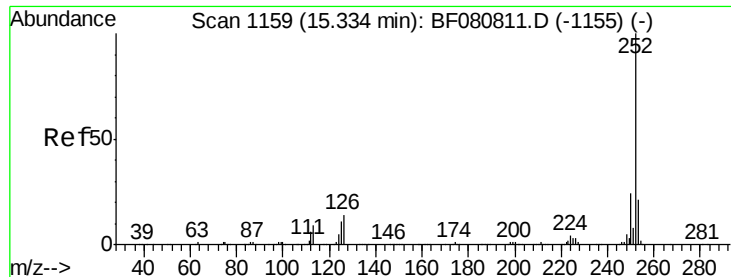
Tot Ion:252 Resp: 1336541
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.9 7.4 11.0



#88
Benzo(k)fluoranthene
Concen: 79.80 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080828.D
Acq: 4 Aug 2015 7:10

Tgt Ion:252 Resp: 1336541
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.9 9.9 14.9





#89

Benzo(a)pyrene

Concen: 38.39 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

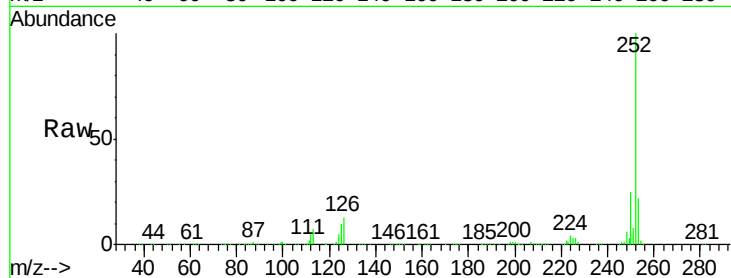
Tot Ion:252 Resp: 629255

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

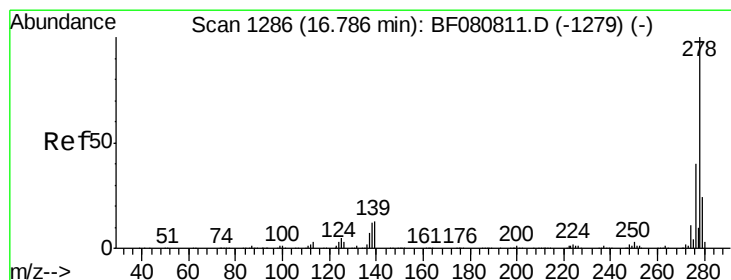
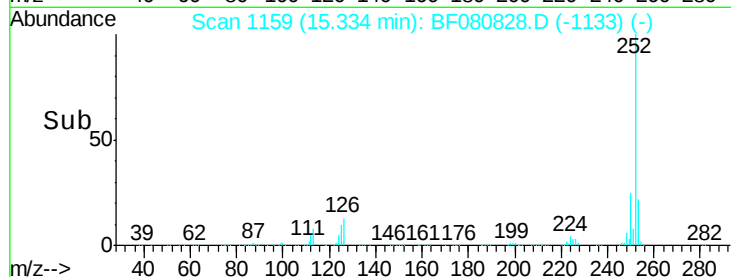
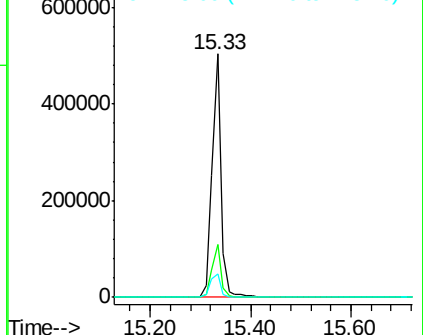
125 9.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.67 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

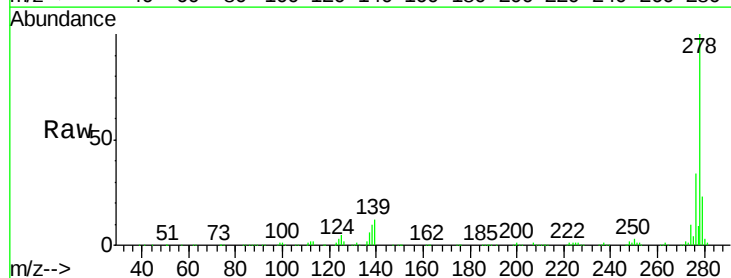
Tgt Ion:278 Resp: 614037

Ion Ratio Lower Upper

278 100

139 12.3 10.7 16.1

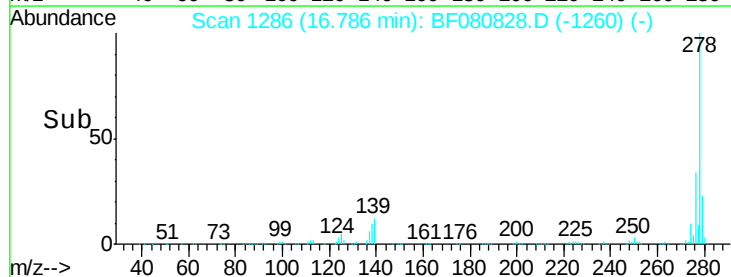
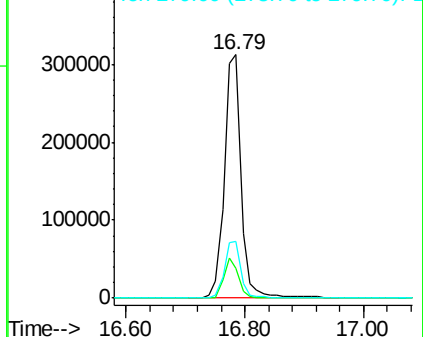
279 23.4 19.0 28.4

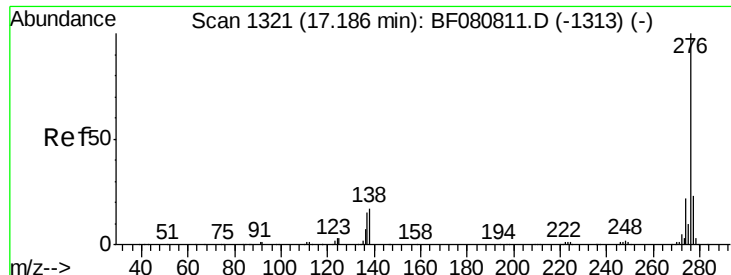


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.98 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF080828.D

Acq: 4 Aug 2015 7:10

Instrument :

BNA_F

ClientSampleId :

PB84815BS

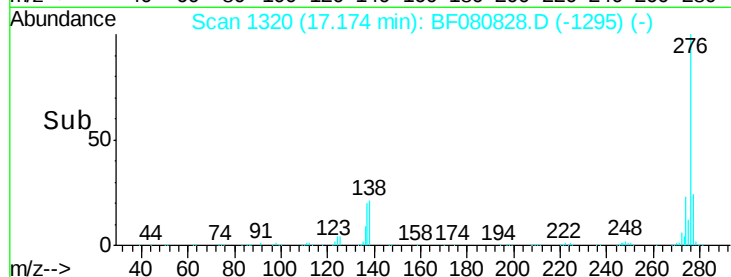
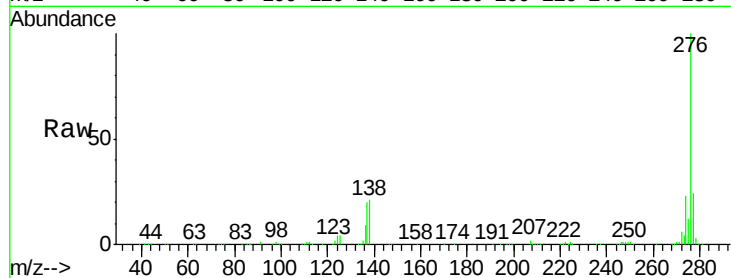
Tot Ion: 276 Resp: 628774

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 21.0 13.3 19.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

