

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080829.D
 Acq On : 4 Aug 2015 7:41
 Operator : TP
 Sample : PB84659BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Quant Time: Aug 04 08:44:31 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	204405	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	809446	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	408950	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	702604	20.00	ng	0.00
75) Chrysene-d12	13.99	240	393740	20.00	ng	0.00
86) Perylene-d12	15.39	264	333177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1215453	99.14	ng	0.01
7) Phenol-d6	6.46	99	1832261	111.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	1227643	74.84	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	408726	104.30	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1854681	68.55	ng	0.00
78) Terphenyl-d14	12.93	244	1431481	72.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	182408	29.37	ng	96
3) Pyridine	3.29	79	513325	31.29	ng	98
4) n-Nitrosodimethylamine	3.24	42	321437	35.28	ng	100
6) Aniline	6.50	93	543396	23.05	ng	99
8) 2-Chlorophenol	6.62	128	524655	38.63	ng	97
9) Benzaldehyde	6.37	77	46560	2.83	ng	84
10) Phenol	6.49	94	628471	32.63	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	559655	40.52	ng	98
12) 1,3-Dichlorobenzene	6.77	146	546132	35.87	ng	98
13) 1,4-Dichlorobenzene	6.85	146	580887	38.28	ng	98
14) 1,2-Dichlorobenzene	6.85	146	580887	41.39	ng	96
15) Benzyl Alcohol	6.98	79	420860	37.58	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1058892	38.78	ng	99
17) 2-Methylphenol	7.09	107	479423	40.03	ng	98
18) Hexachloroethane	7.34	117	205739	36.78	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	401698	37.65	ng	97
20) 3+4-Methylphenols	7.24	107	517593	37.21	ng	95
22) Acetophenone	7.24	105	719816	36.63	ng	# 80
24) Nitrobenzene	7.41	77	560663	33.49	ng	# 84
25) Isophorone	7.65	82	1102805	37.59	ng	94
26) 2-Nitrophenol	7.73	139	278319	38.89	ng	94
27) 2,4-Dimethylphenol	7.78	122	553973	40.63	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	670463	37.82	ng	100
29) 2,4-Dichlorophenol	7.97	162	425266	37.27	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	452458	36.33	ng	98
31) Naphthalene	8.13	128	1450934	36.48	ng	99
32) Benzoic acid	7.89	122	319593	38.70	ng	97
33) 4-Chloroaniline	8.19	127	266192	15.91	ng	94
34) Hexachlorobutadiene	8.26	225	281901	36.90	ng	98
35) Caprolactam	8.56	113	94236	29.81	ng	# 68
36) 4-Chloro-3-methylphenol	8.67	107	491116	40.42	ng	99
37) 2-Methylnaphthalene	8.83	142	980674	39.35	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	425332	32.75	ng	98
40) Hexachlorocyclopentadiene	8.99	237	565025	71.11	ng	99

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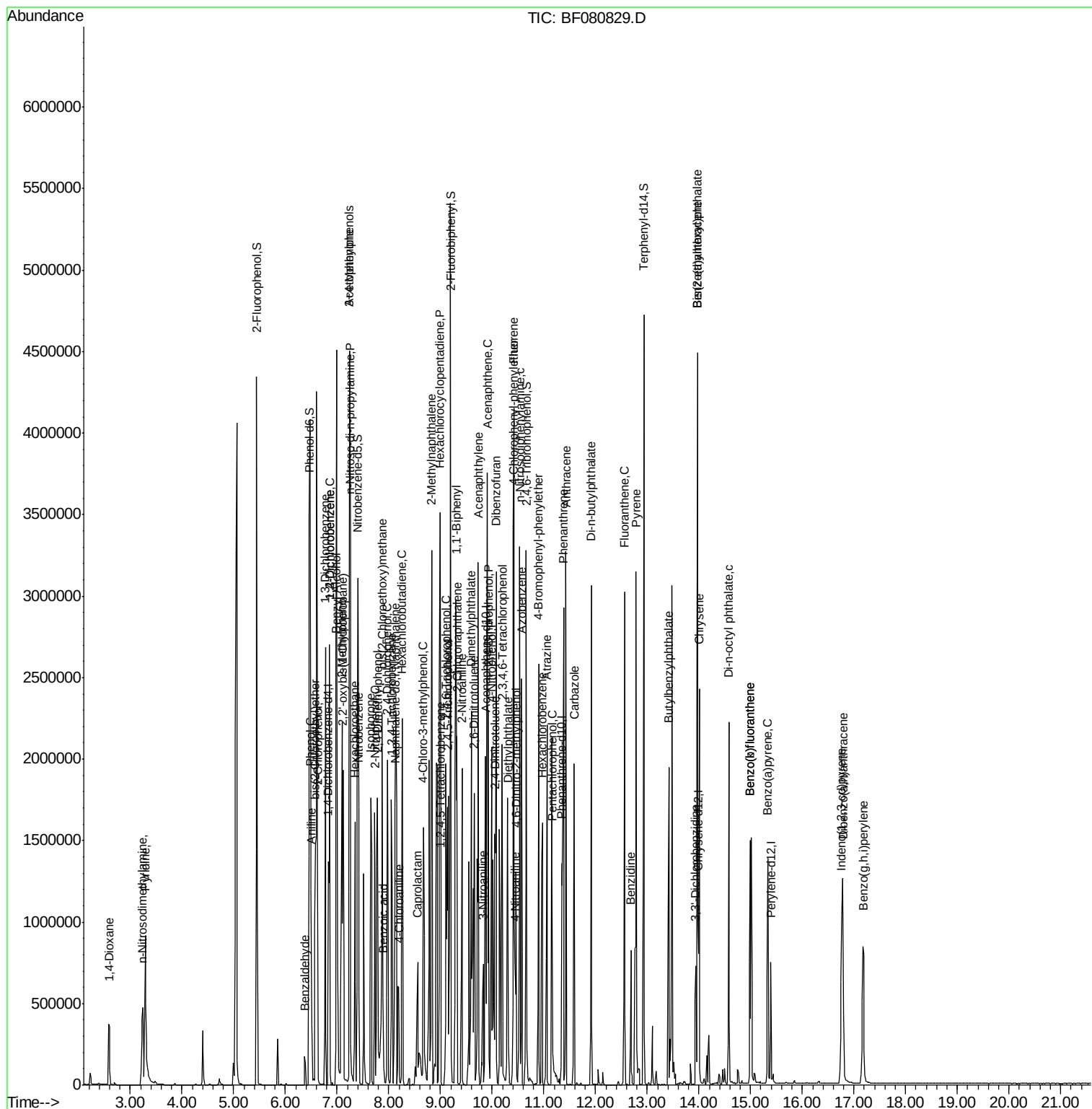
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

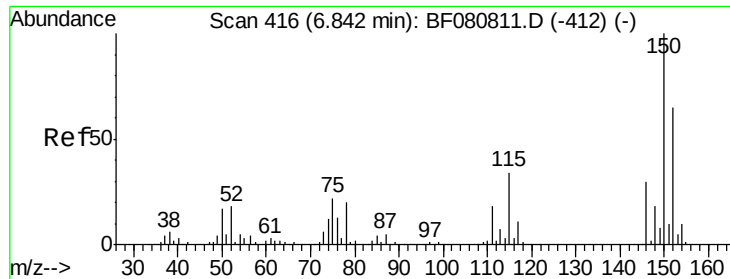
Quant Time: Aug 04 08:44:31 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	306875	33.28	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	332046	36.79	nq	# 91
45) 1,1'-Biphenyl	9.30	154	1153494	37.26	nq	100
46) 2-Chloronaphthalene	9.32	162	920409	35.83	nq	99
47) 2-Nitroaniline	9.41	65	381981	40.26	nq	98
48) Acenaphthylene	9.73	152	1444231	36.05	nq	100
49) Dimethylphthalate	9.60	163	967157	35.40	nq	100
50) 2,6-Dinitrotoluene	9.65	165	209685	35.63	nq	93
51) Acenaphthene	9.90	154	997573	41.33	nq	98
52) 3-Nitroaniline	9.82	138	150102	21.98	nq	88
53) 2,4-Dinitrophenol	9.93	184	249791	82.97	nq	# 67
54) Dibenzofuran	10.08	168	1186924	37.15	nq	98
55) 4-Nitrophenol	9.98	139	346318	70.95	nq	96
56) 2,4-Dinitrotoluene	10.05	165	290495	39.05	nq	90
57) Fluorene	10.42	166	945735	38.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	249950	38.52	nq	98
59) Diethylphthalate	10.30	149	1024315	39.26	nq	94
60) 4-Chlorophenyl-phenylether	10.41	204	406874	33.47	nq	100
61) 4-Nitroaniline	10.44	138	225761	35.72	nq	81
62) Azobenzene	10.57	77	1140225	37.72	nq	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	180653	41.71	nq	77
65) n-Nitrosodiphenylamine	10.53	169	904515	36.78	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	267176	34.61	nq	98
67) Hexachlorobenzene	10.97	284	330091	37.77	nq	98
68) Atrazine	11.06	200	239878	42.77	nq	97
69) Pentachlorophenol	11.16	266	374934	80.37	nq	97
70) Phenanthrene	11.38	178	1369570	37.48	nq	100
71) Anthracene	11.42	178	1189092	32.96	nq	99
72) Carbazole	11.58	167	1157318	37.05	nq	99
73) Di-n-butylphthalate	11.92	149	1373411	36.72	nq	100
74) Fluoranthene	12.56	202	1179210	33.69	nq	99
76) Benzidine	12.68	184	329800	20.53	nq	98
77) Pyrene	12.79	202	1237355	42.40	nq	99
79) Butylbenzylphthalate	13.41	149	530465	46.15	nq	96
80) Benzo(a)anthracene	13.97	228	858130	38.17	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	215520	27.02	nq	98
82) Chrysene	14.01	228	879168	40.24	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	632346	44.57	nq	99
84) Di-n-octyl phthalate	14.58	149	926511	41.29	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	876572	43.74	nq	99
87) Benzo(b)fluoranthene	14.99	252	1387335	71.13	nq	99
88) Benzo(k)fluoranthene	14.99	252	1387335	81.63	nq	# 96
89) Benzo(a)pyrene	15.33	252	663763	39.91	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	732435	45.45	nq	99
91) Benzo(g,h,i)perylene	17.19	276	762348	45.38	nq	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

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PB84659BS

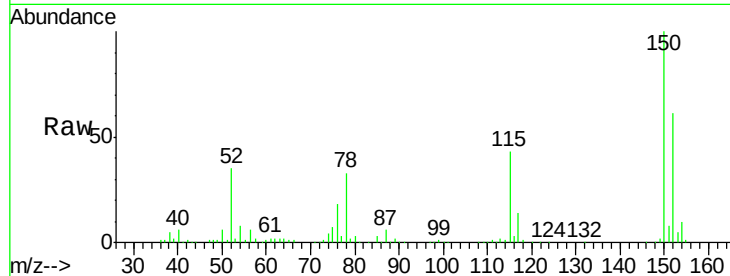
Tot Ion:152 Resp: 204405

Ion Ratio Lower Upper

152 100

150 163.0 122.9 184.3

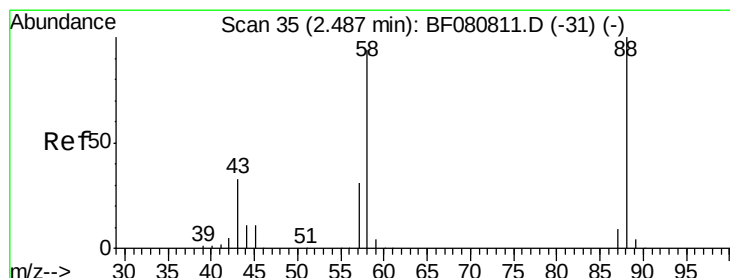
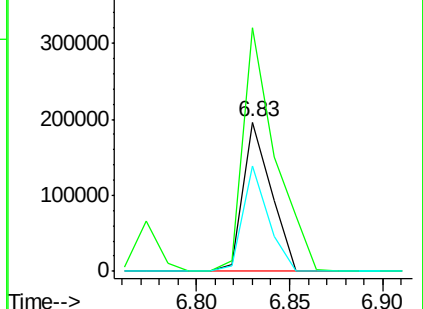
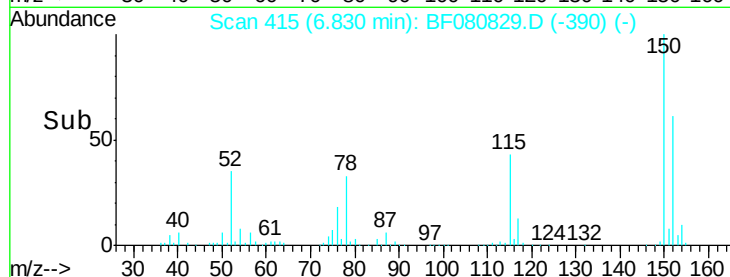
115 70.4 42.0 63.0#



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



#2

1,4-Dioxane

Concen: 29.37 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.10 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

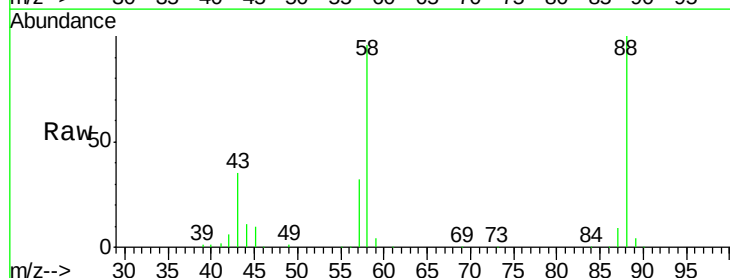
Tgt Ion: 88 Resp: 182408

Ion Ratio Lower Upper

88 100

58 101.7 78.2 117.4

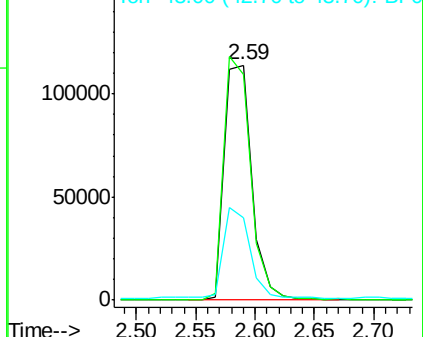
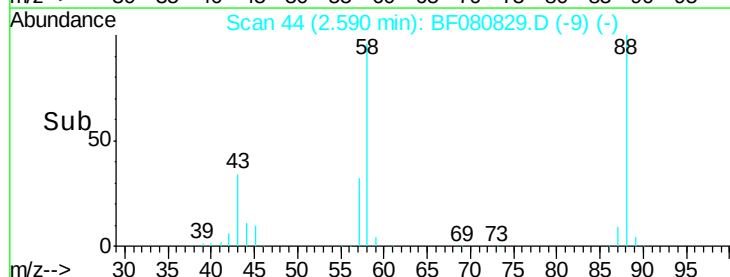
43 37.7 27.6 41.4

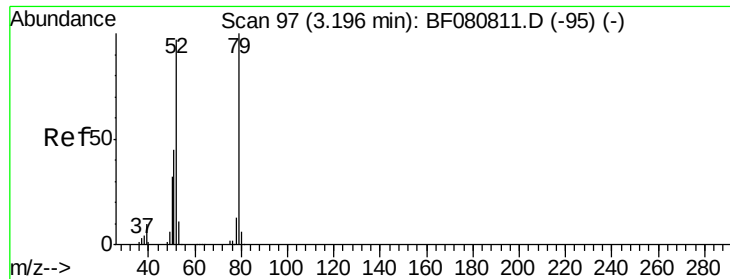


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.29 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

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PB84659BS

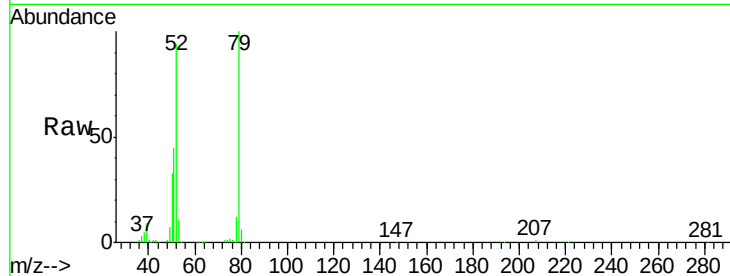
Tot Ion: 79 Resp: 513325

Ion Ratio Lower Upper

79 100

52 94.4 77.7 116.5

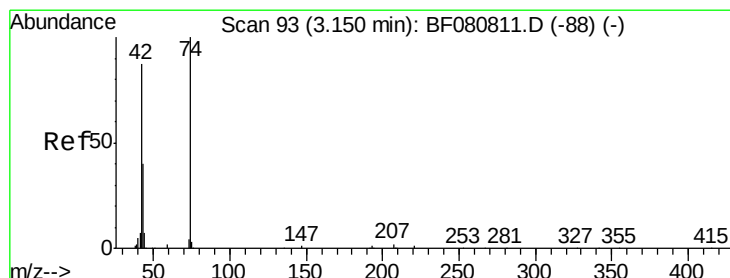
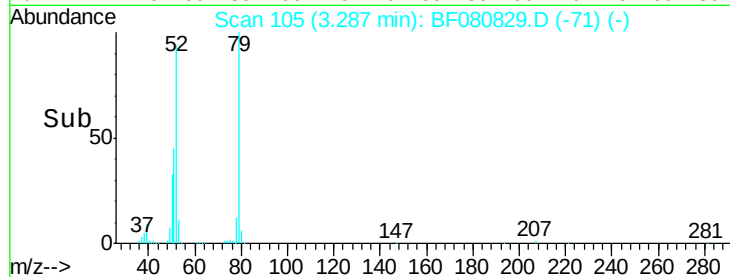
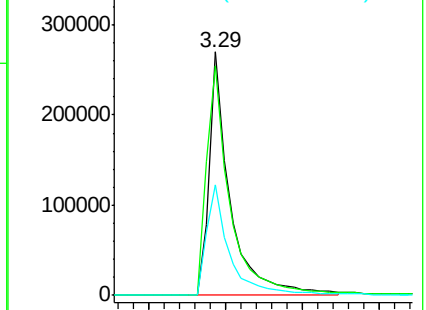
51 45.2 35.8 53.8



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: 35.28 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.09 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

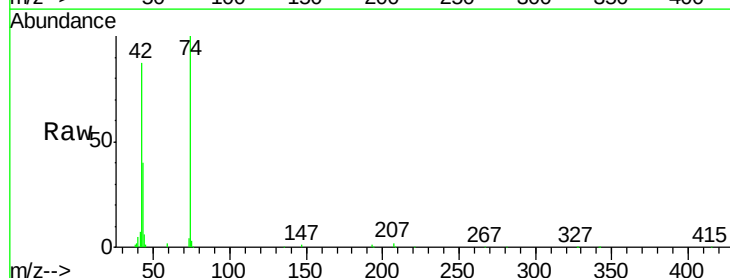
Tgt Ion: 42 Resp: 321437

Ion Ratio Lower Upper

42 100

74 115.1 92.4 138.6

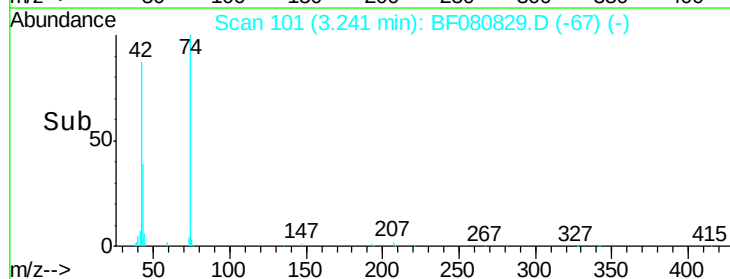
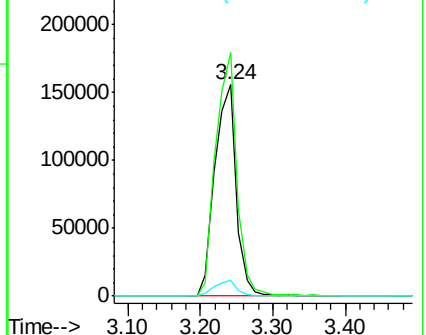
44 7.4 6.2 9.2

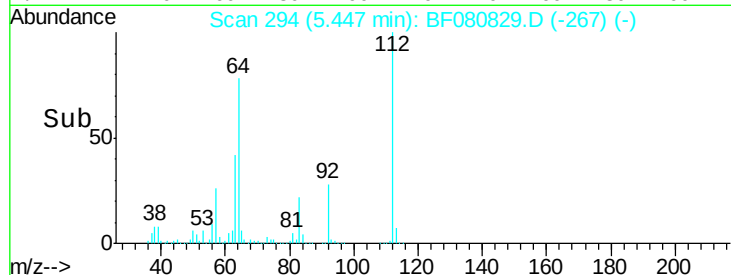
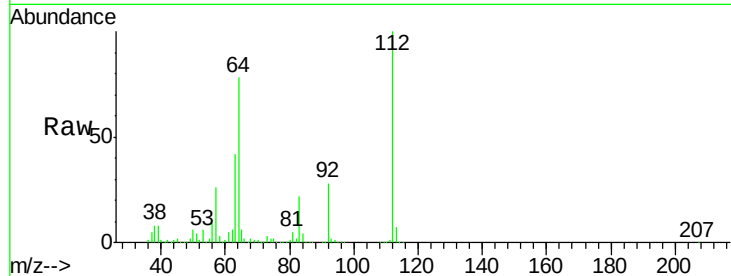
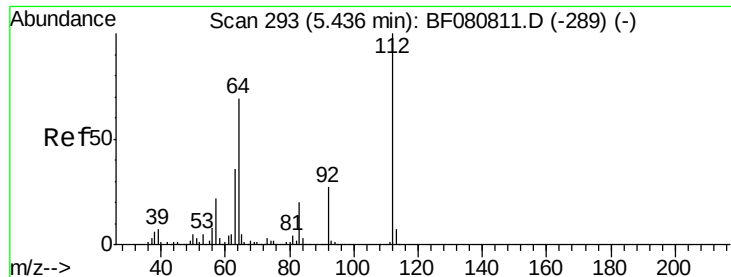


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

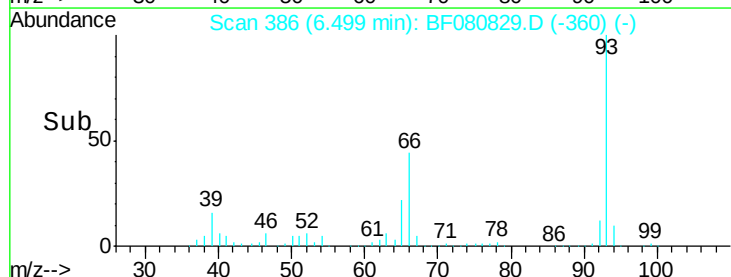
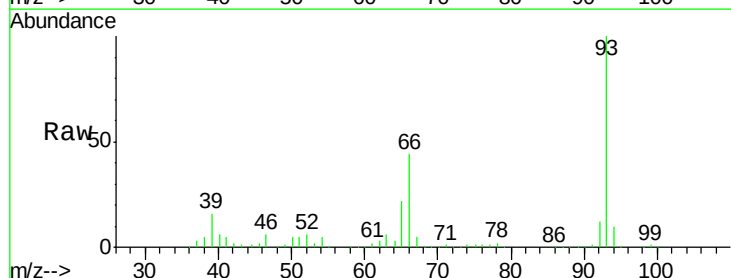
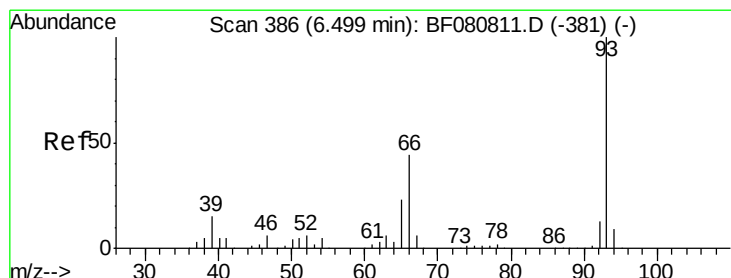
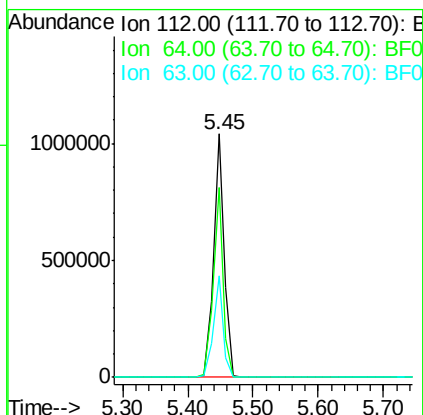




#5
2-Fluorophenol
Concen: 99.14 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

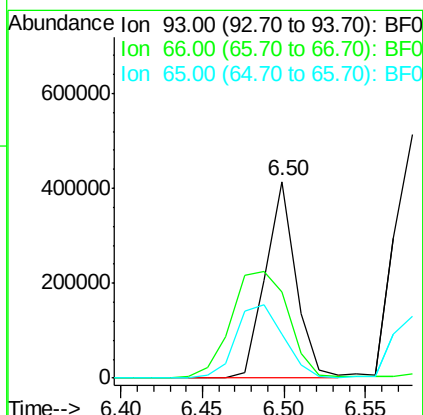
Instrument :
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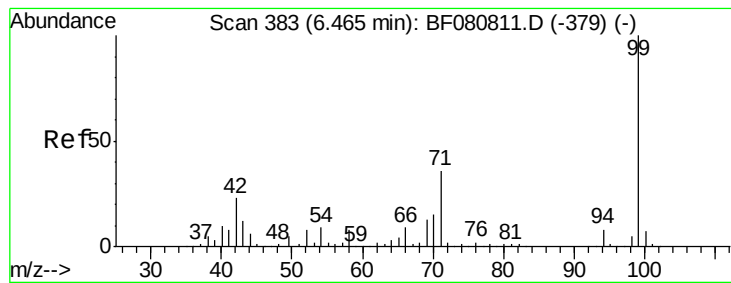
Tot Ion:112 Resp: 1215453
Ion Ratio Lower Upper
112 100
64 78.2 55.0 82.4
63 41.7 28.6 42.8



#6
Aniline
Concen: 23.05 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion: 93 Resp: 543396
Ion Ratio Lower Upper
93 100
66 43.7 35.3 52.9
65 22.3 18.7 28.1





#7

Phenol-d6

Concen: 111.10 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

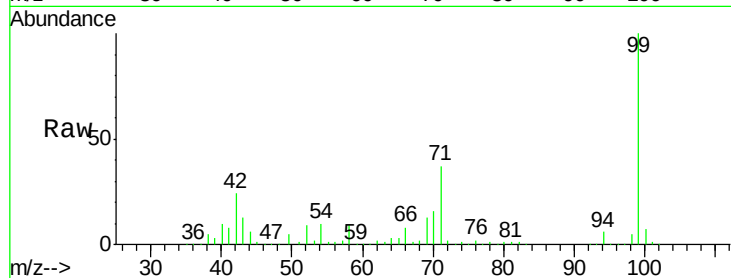
Tot Ion: 99 Resp: 1832261

Ion Ratio Lower Upper

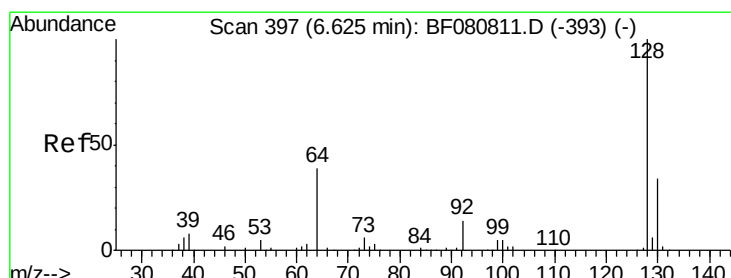
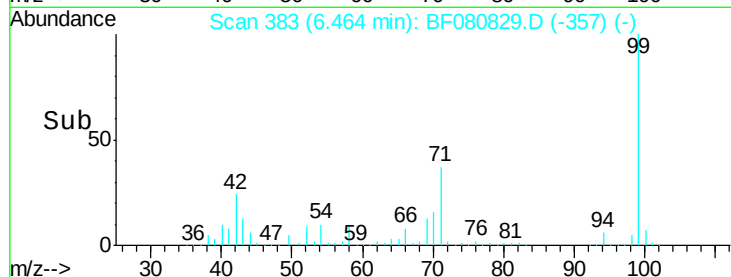
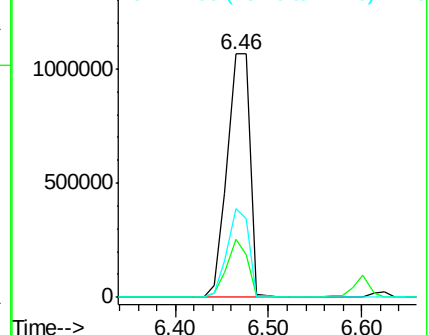
99 100

42 23.8 18.4 27.6

71 36.5 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: 38.63 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

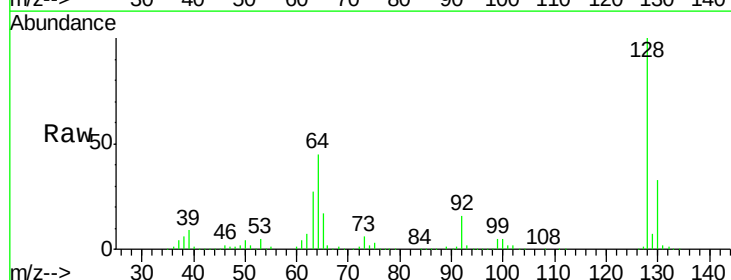
Tgt Ion:128 Resp: 524655

Ion Ratio Lower Upper

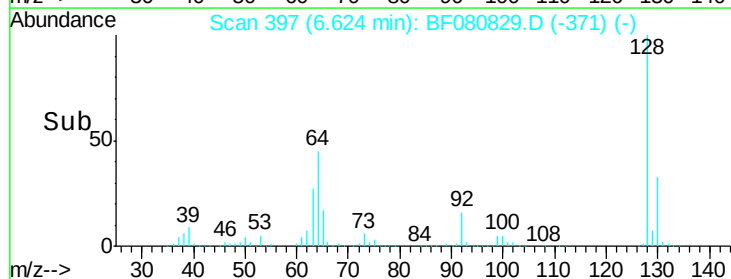
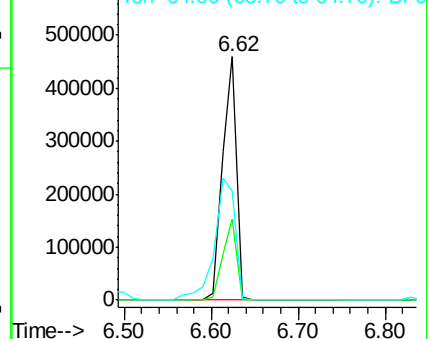
128 100

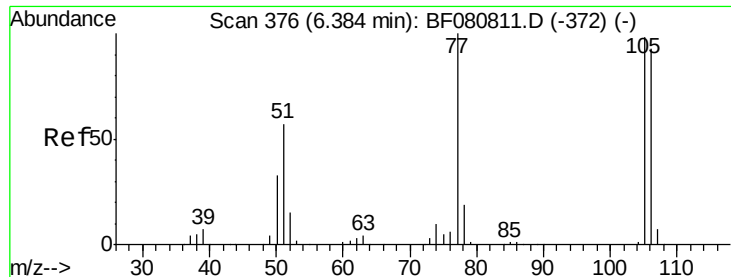
130 33.1 14.1 54.1

64 45.0 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: 2.83 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

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ClientSampleId :

PB84659BS

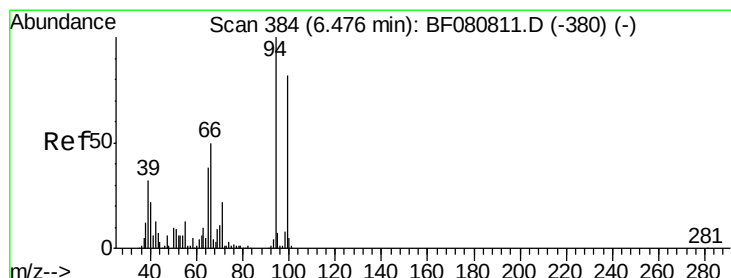
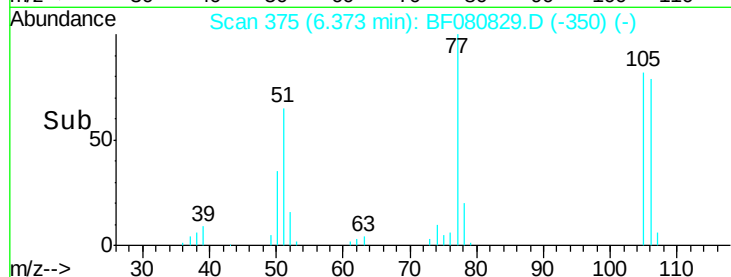
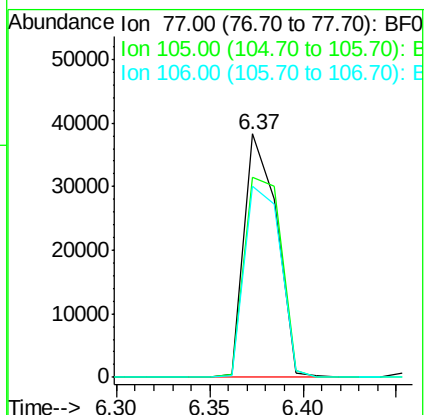
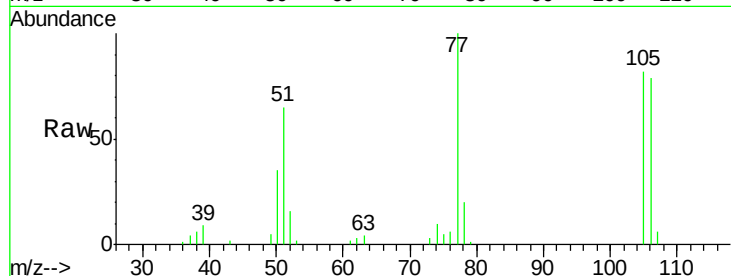
Tot Ion: 77 Resp: 46560

Ion Ratio Lower Upper

77 100

105 81.9 78.1 118.1

106 78.6 72.7 112.7



#10

Phenol

Concen: 32.63 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

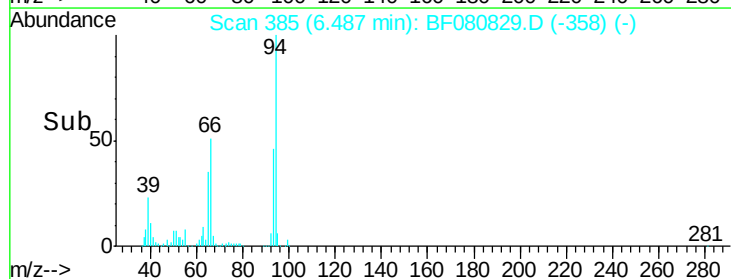
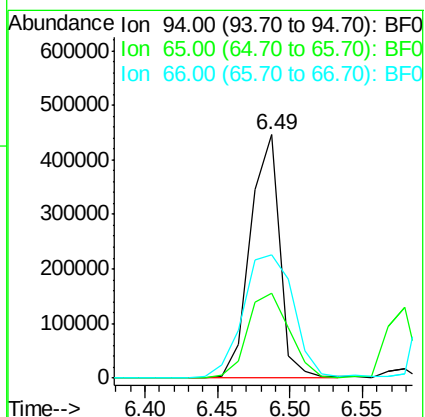
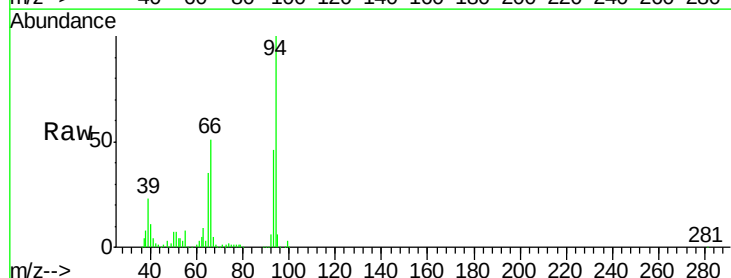
Tgt Ion: 94 Resp: 628471

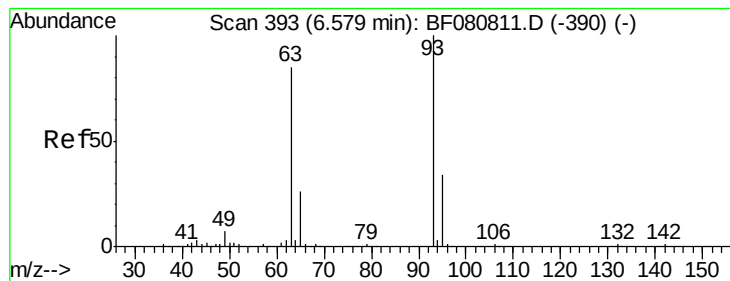
Ion Ratio Lower Upper

94 100

65 34.6 17.5 57.5

66 50.5 29.6 69.6

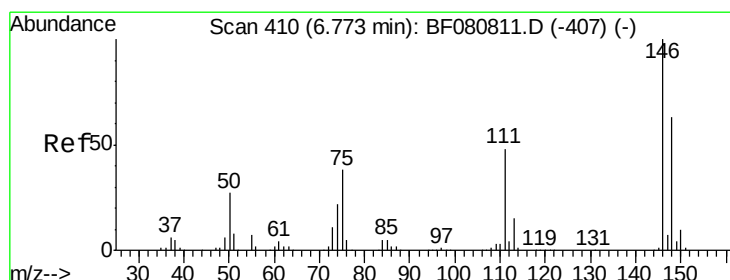
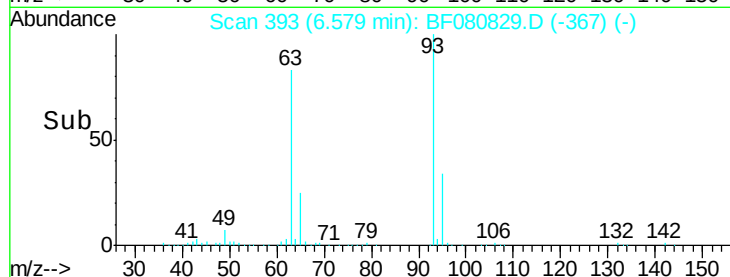
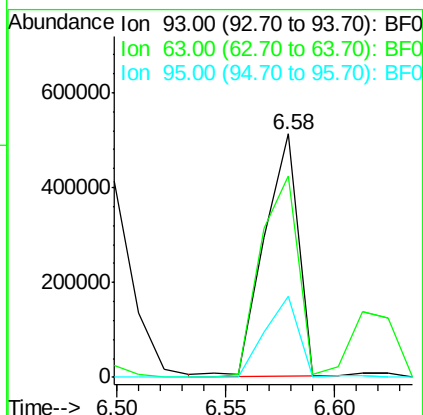
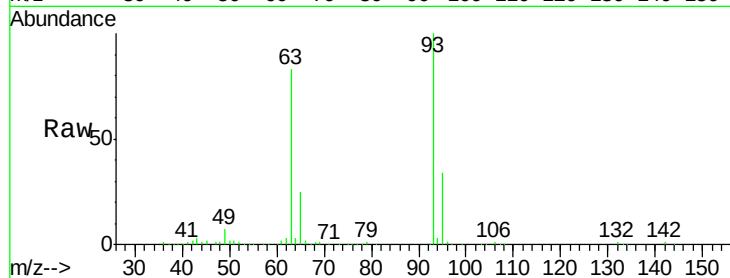




#11
bis(2-Chloroethyl)ether
Concen: 40.52 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

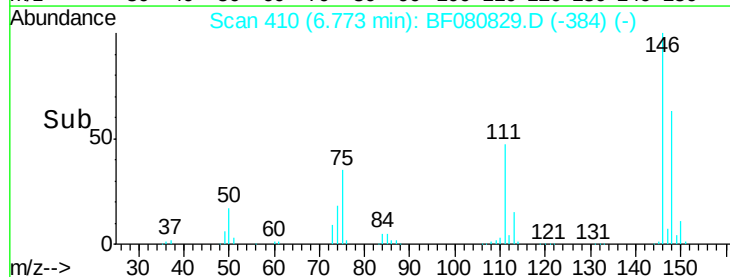
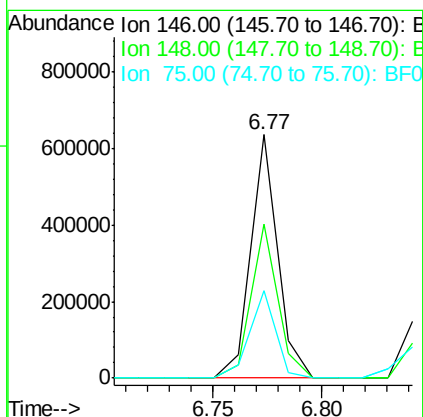
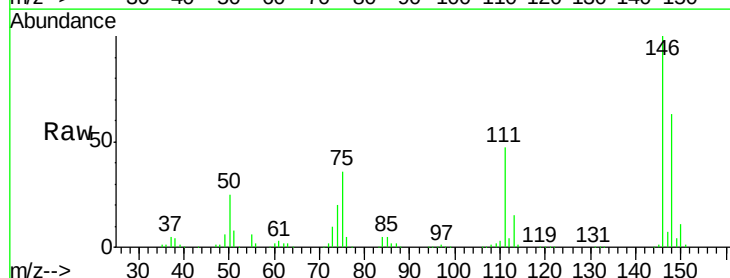
Instrument :
BNA_F
ClientSampleId :
PB84659BS

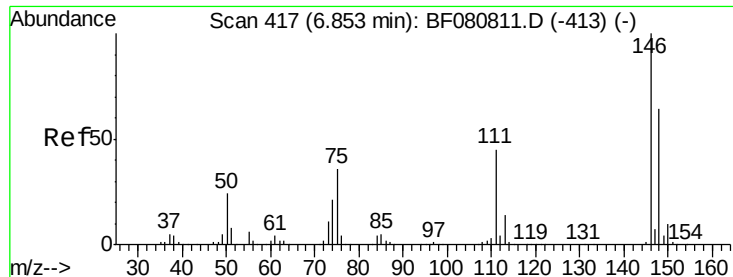
Tot Ion: 93 Resp: 559655
Ion Ratio Lower Upper
93 100
63 82.6 64.9 104.9
95 33.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 35.87 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion: 146 Resp: 546132
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 36.2 30.7 46.1

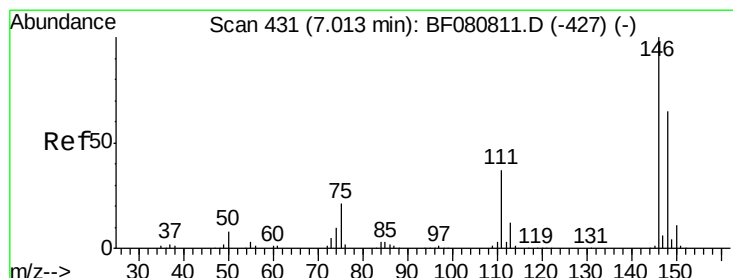
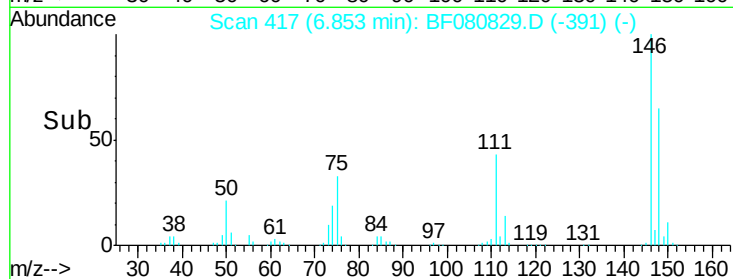
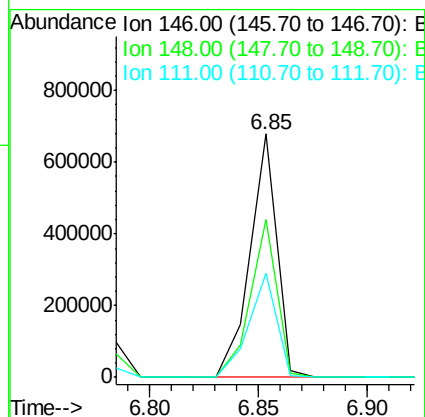
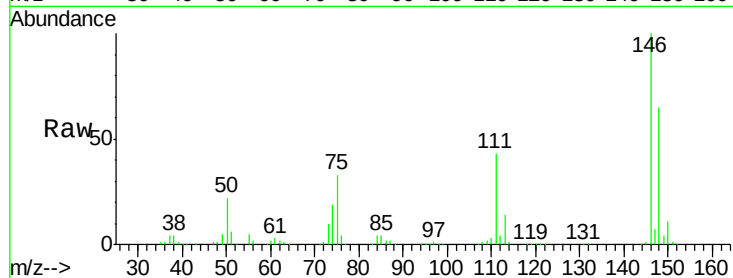




#13
 1,4-Dichlorobenzene
 Concen: 38.28 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

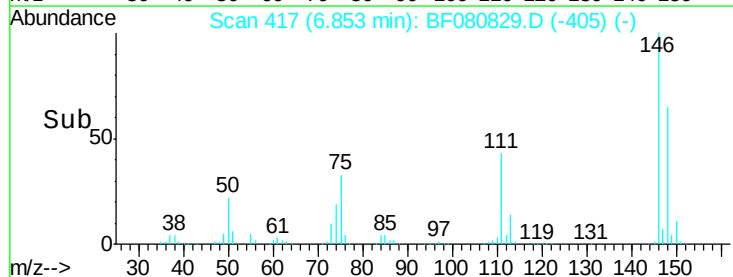
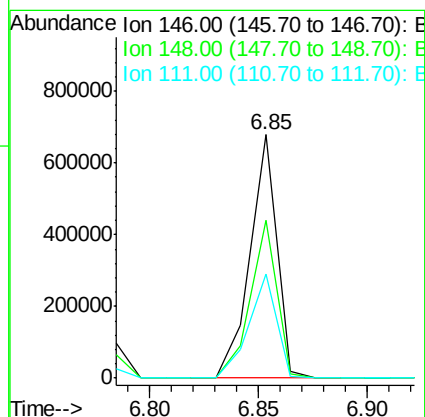
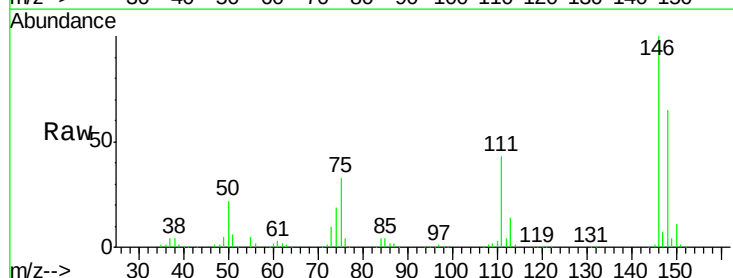
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

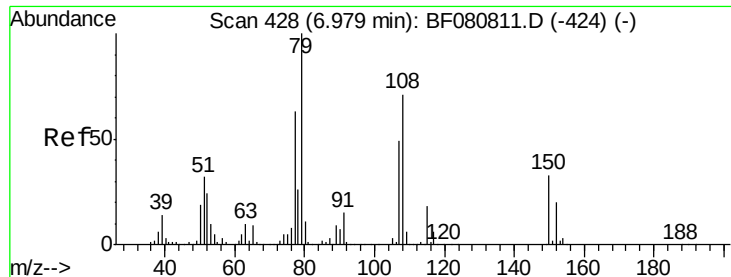
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
111	42.7	35.8	53.8



#14
 1,2-Dichlorobenzene
 Concen: 41.39 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.16 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
111	42.7	29.3	43.9





#15

Benzyl Alcohol

Concen: 37.58 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

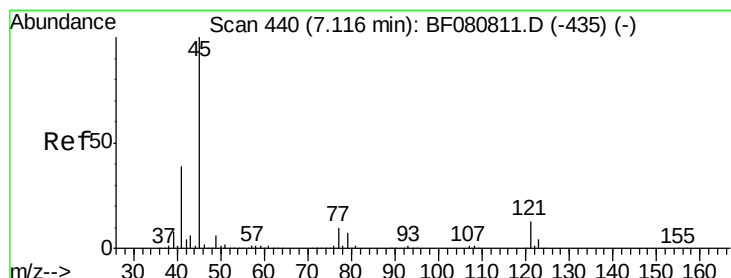
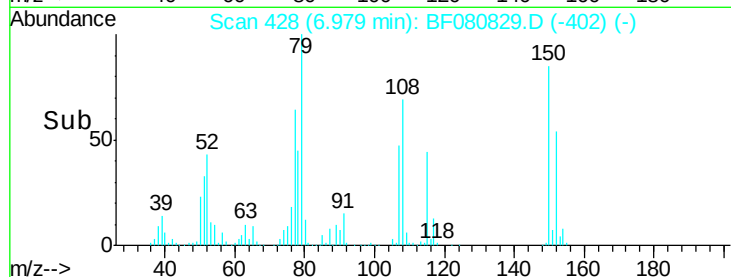
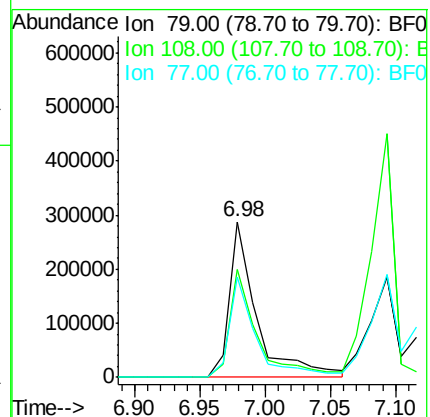
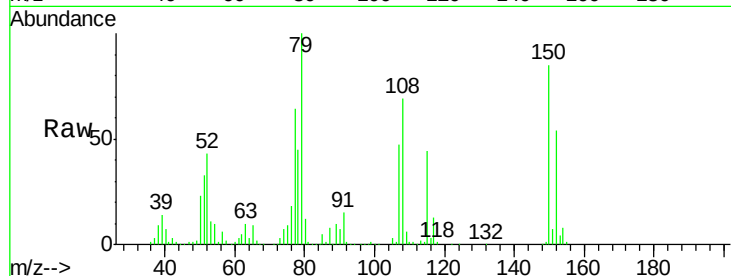
Tot Ion: 79 Resp: 420860

Ion Ratio Lower Upper

79 100

108 69.1 56.9 85.3

77 64.2 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.78 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

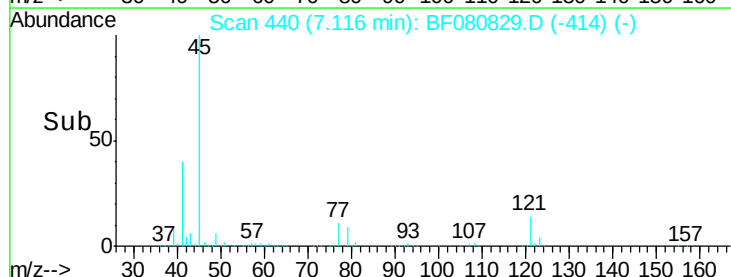
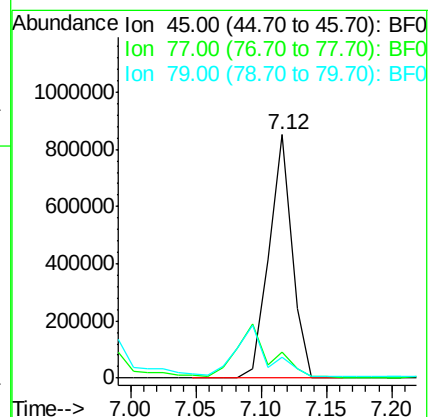
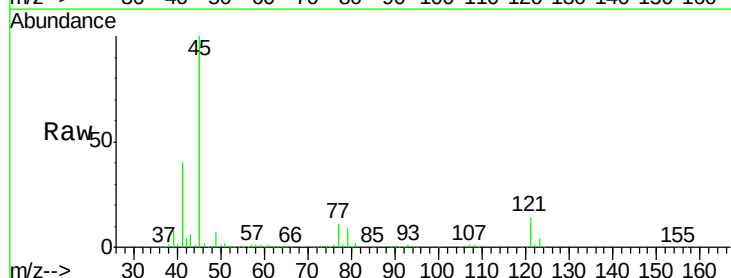
Tgt Ion: 45 Resp: 1058892

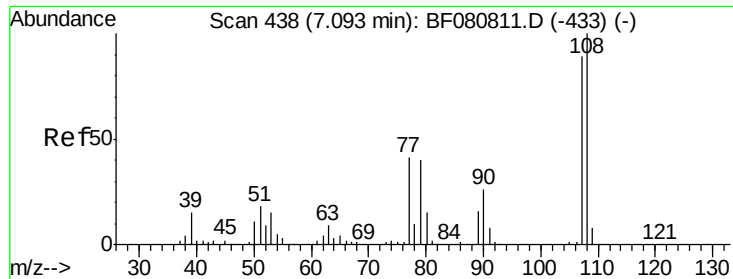
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.5

79 8.6 0.0 28.2





#17

2-Methylphenol

Concen: 40.03 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tot Ion:107 Resp: 479423

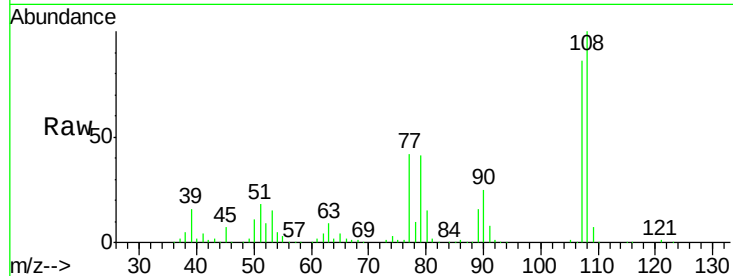
Ion Ratio Lower Upper

107 100

108 116.0 90.6 135.8

77 49.1 37.8 56.8

79 47.7 37.4 56.0

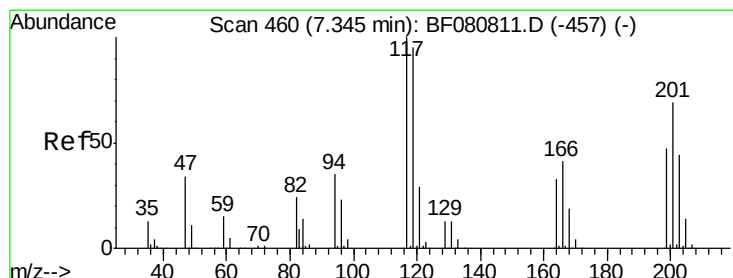
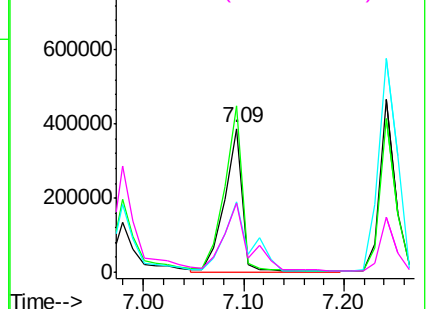
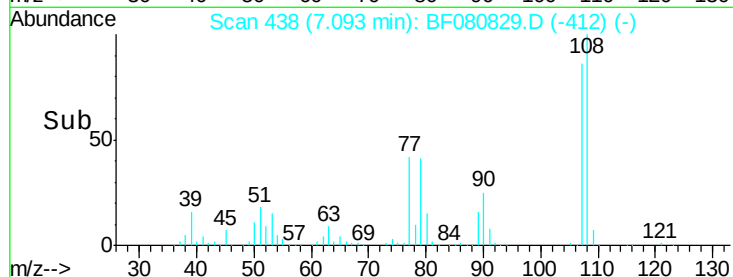


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.78 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

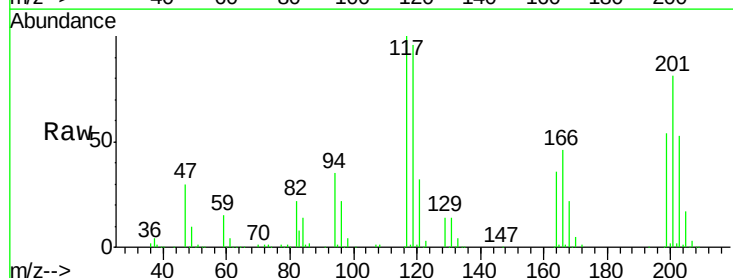
Tgt Ion:117 Resp: 205739

Ion Ratio Lower Upper

117 100

119 95.9 76.3 114.5

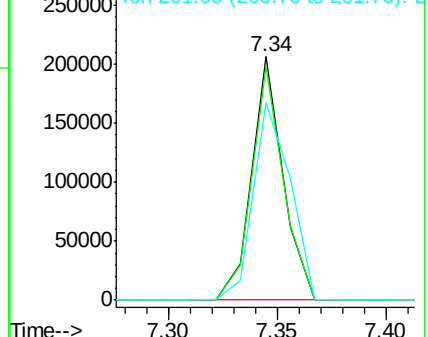
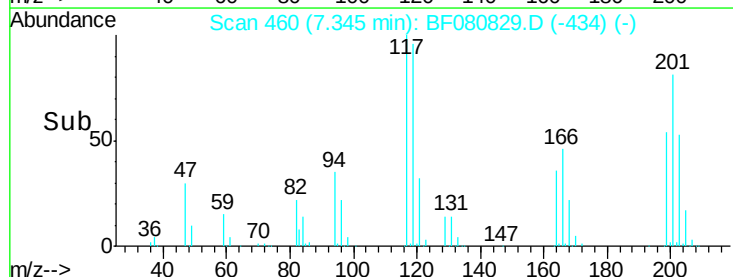
201 80.9 55.5 83.3

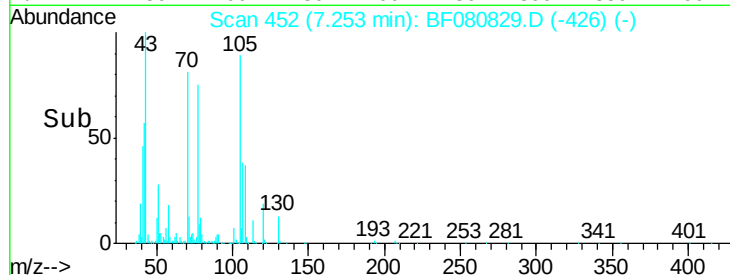
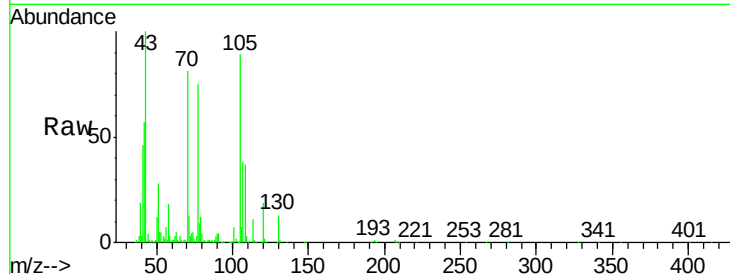
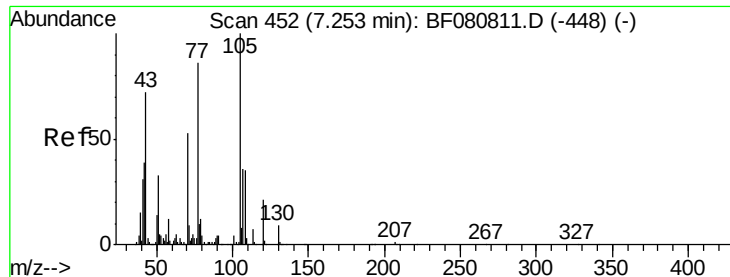


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

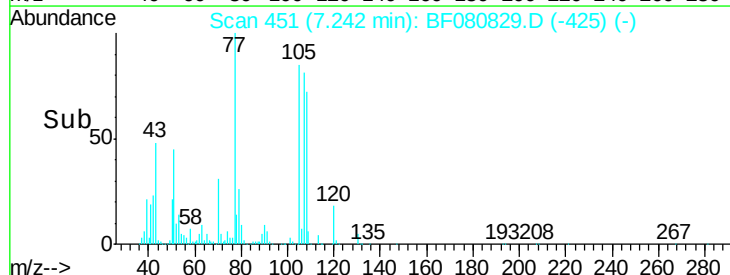
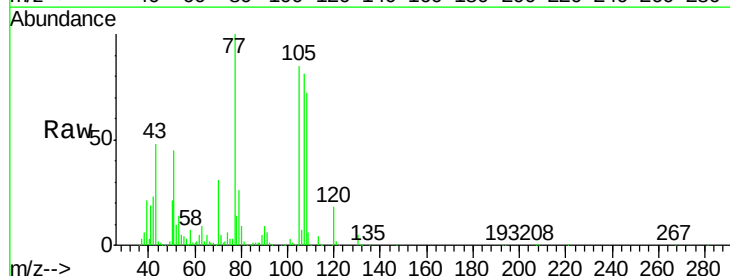
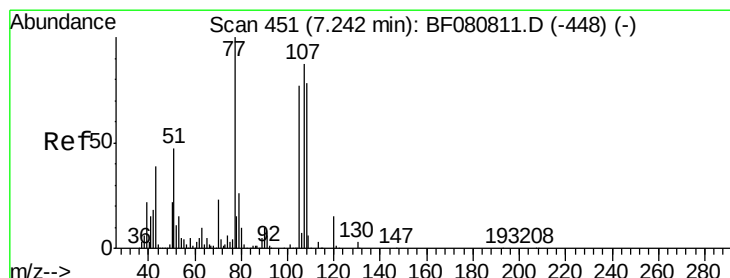
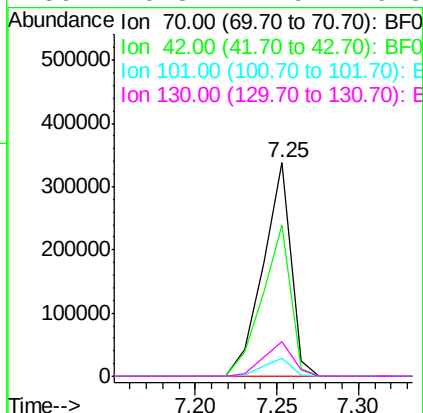




#19
n-Nitroso-di-n-propylamine
Concen: 37.65 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

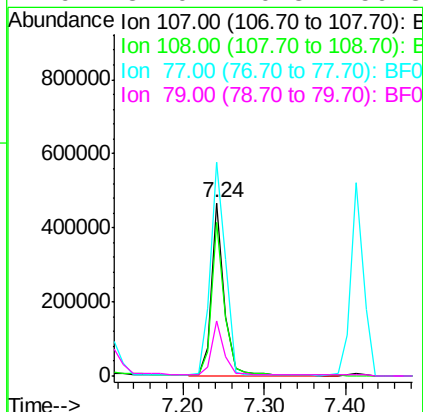
Instrument :
BNA_F
ClientSampleId :
PB84659BS

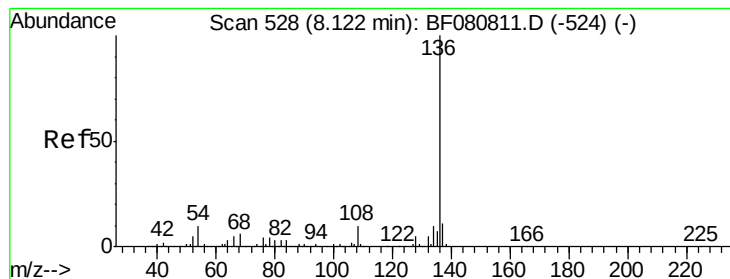
Tot Ion:	70	Resp:	401698
Ion	Ratio	Lower	Upper
70	100		
42	70.6	59.1	88.7
101	8.2	6.6	10.0
130	16.3	12.9	19.3



#20
3+4-Methylphenols
Concen: 37.21 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion:	107	Resp:	517593
Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.6	109.6
77	123.3	94.9	134.9
79	32.0	10.3	50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tot Ion:136 Resp: 809446

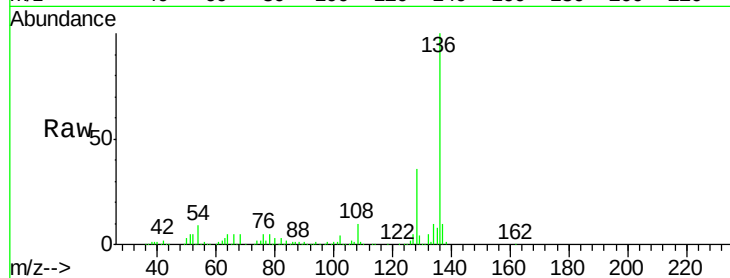
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 9.1 7.9 11.9

68 5.2 4.4 6.6

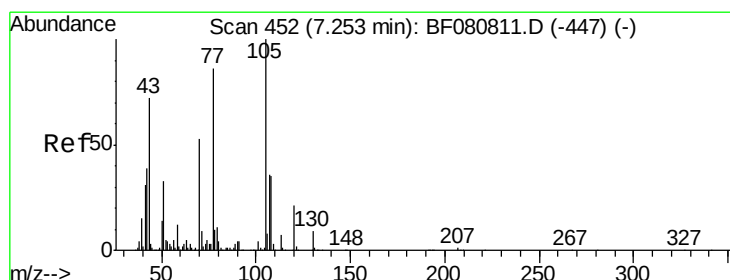
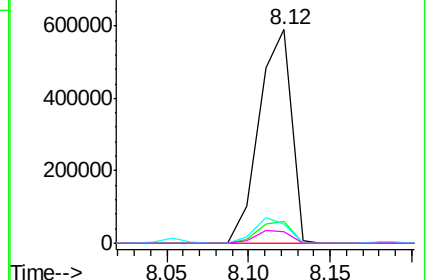
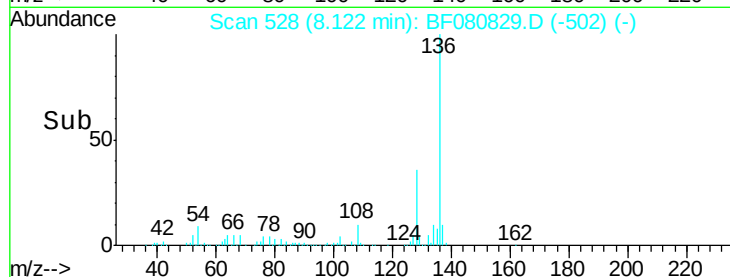


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.63 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:105 Resp: 719816

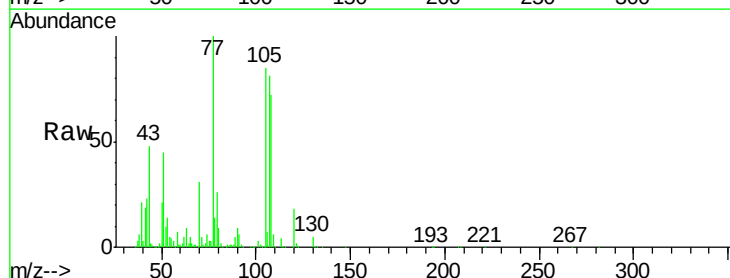
Ion Ratio Lower Upper

105 100

71 6.0 7.1 10.7#

51 53.1 26.5 39.7#

120 20.7 17.0 25.6

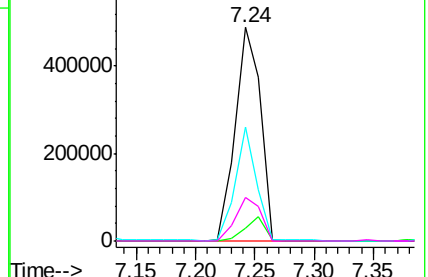
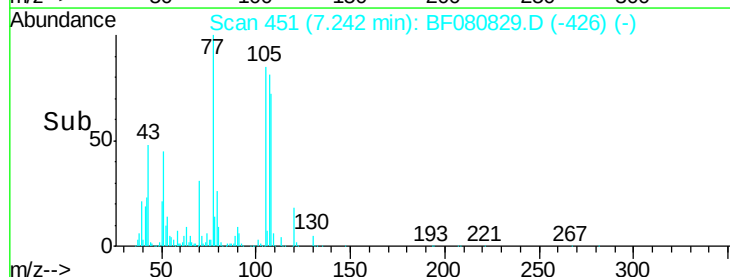


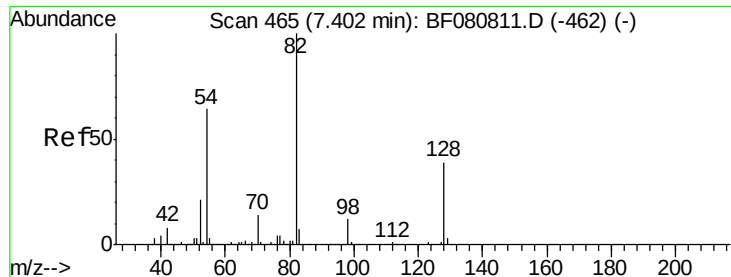
Abundance Ion 105.00 (104.70 to 105.70): E

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



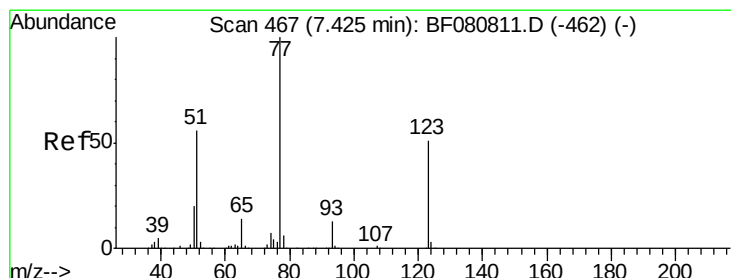
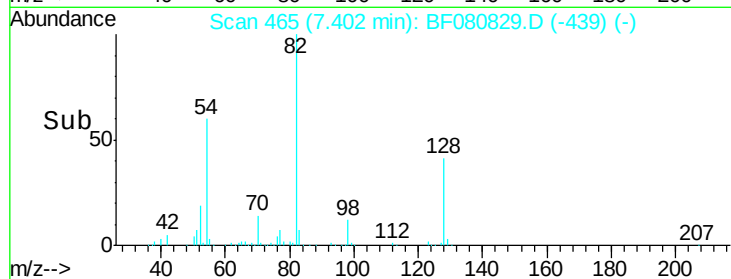
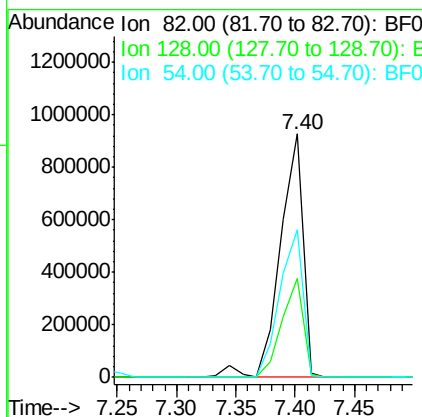
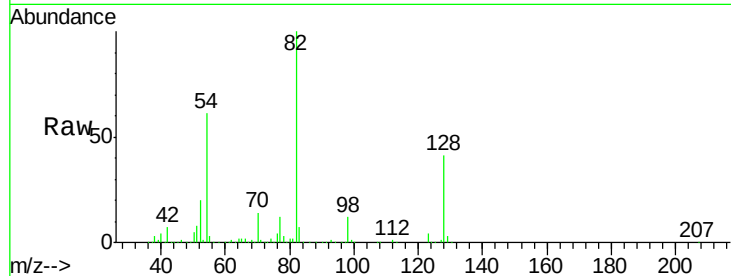


#23
 Nitrobenzene-d5
 Concen: 74.84 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion: 82 Resp: 1227643

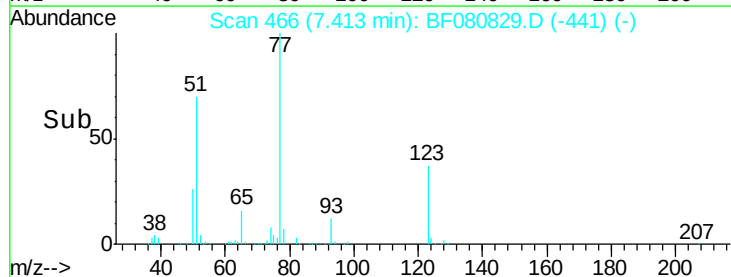
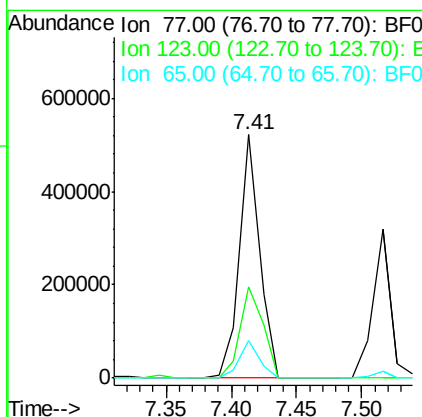
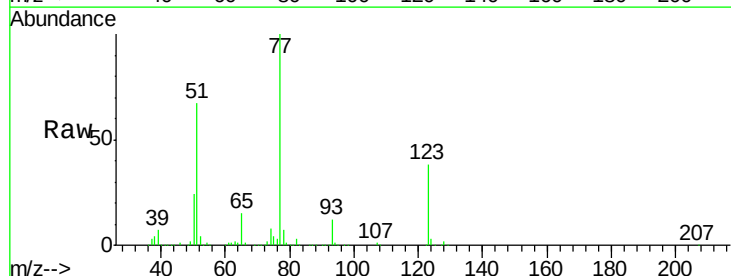
Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.4	47.0
54	60.6	51.0	76.4

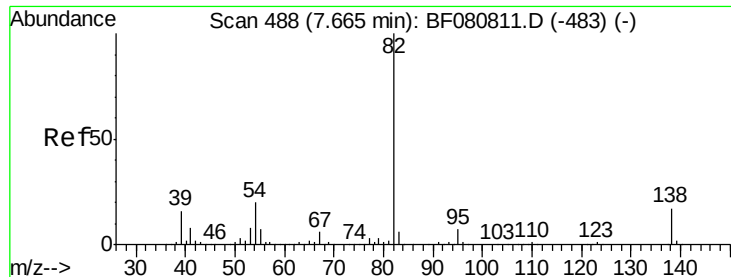


#24
 Nitrobenzene
 Concen: 33.49 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion: 77 Resp: 560663

Ion	Ratio	Lower	Upper
77	100		
123	37.7	40.7	61.1#
65	15.3	11.3	16.9





#25

Isophorone

Concen: 37.59 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

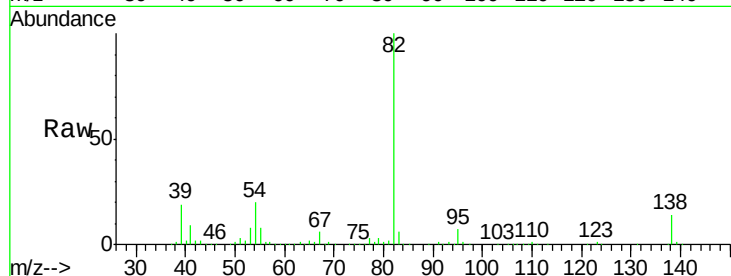
Tot Ion: 82 Resp: 1102805

Ion Ratio Lower Upper

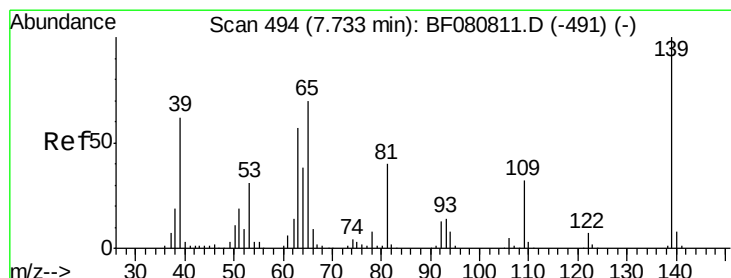
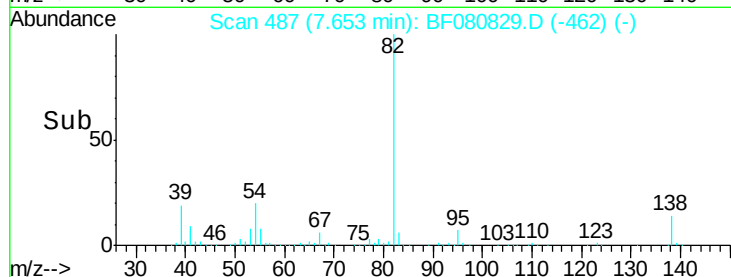
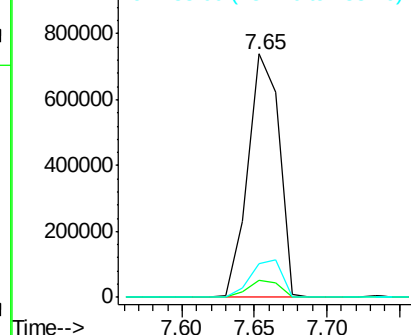
82 100

95 6.9 5.9 8.9

138 13.6 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: 38.89 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

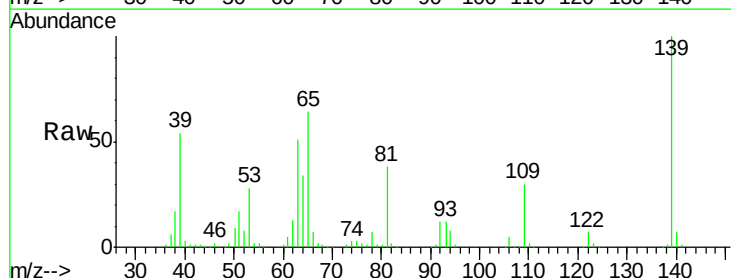
Tgt Ion: 139 Resp: 278319

Ion Ratio Lower Upper

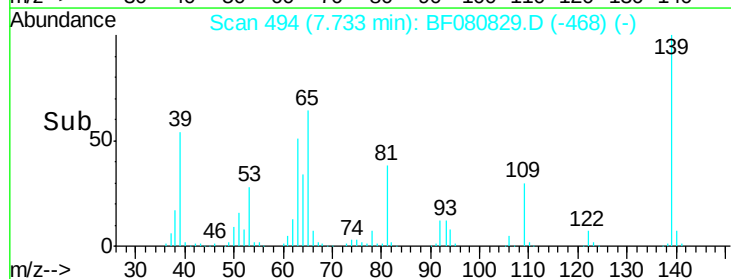
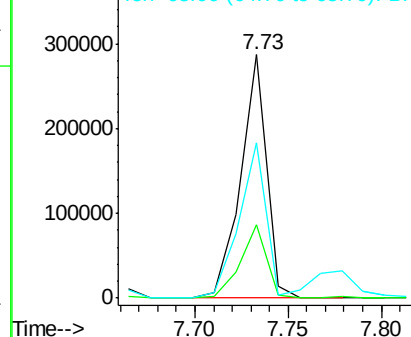
139 100

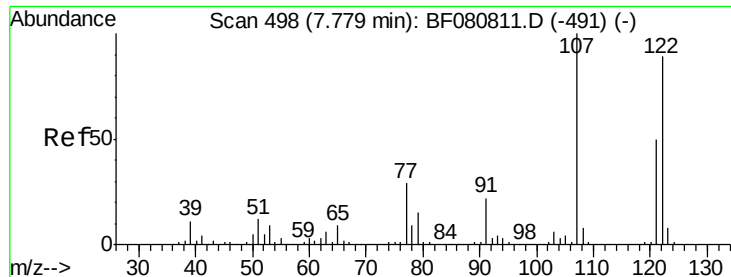
109 30.1 25.3 37.9

65 63.8 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

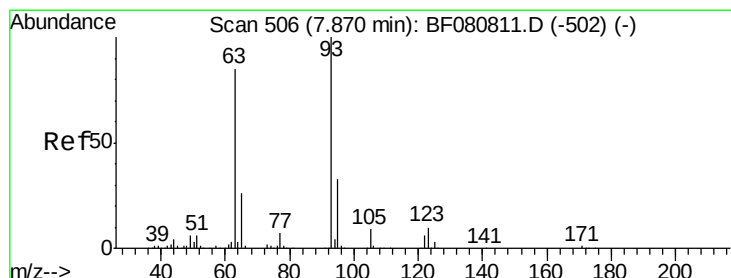
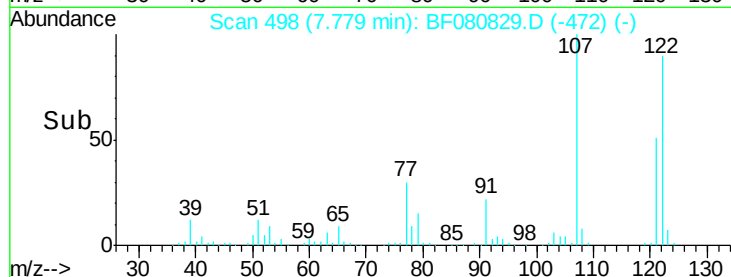
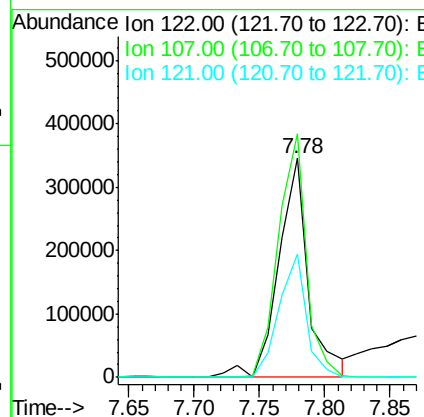
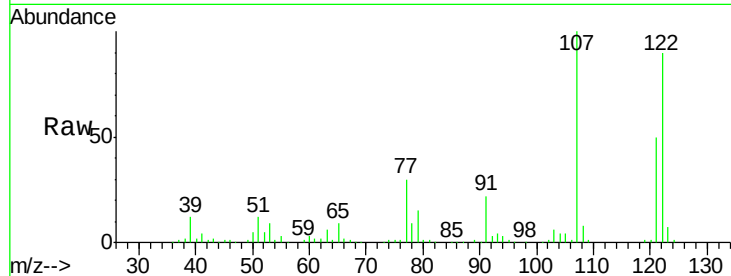




#27
 2,4-Dimethylphenol
 Concen: 40.63 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

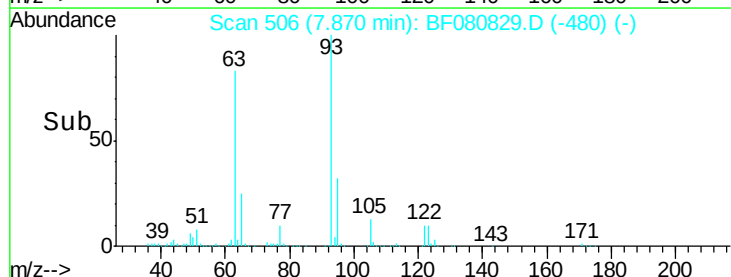
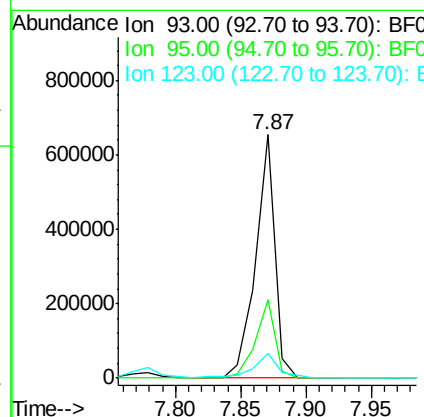
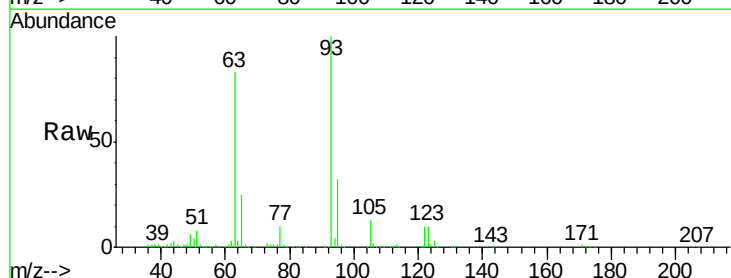
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

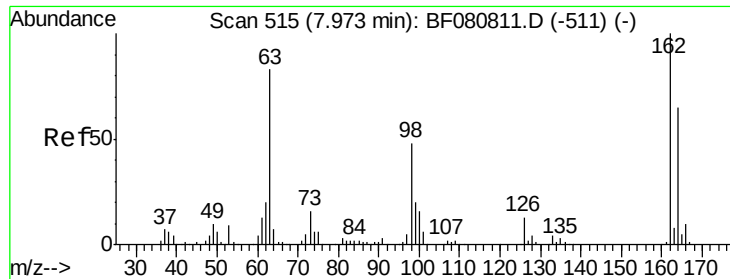
Tot Ion:122 Resp: 553973
 Ion Ratio Lower Upper
 122 100
 107 111.3 90.2 135.4
 121 56.2 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.82 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion: 93 Resp: 670463
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.1 39.1
 123 10.2 8.0 12.0

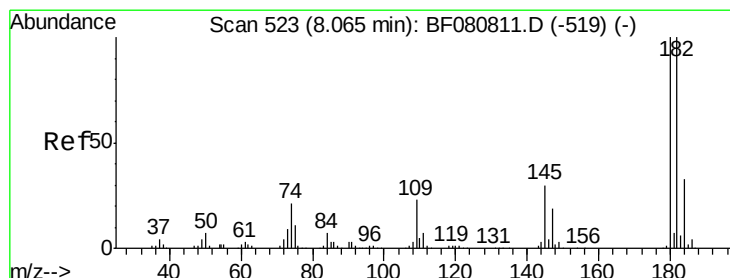
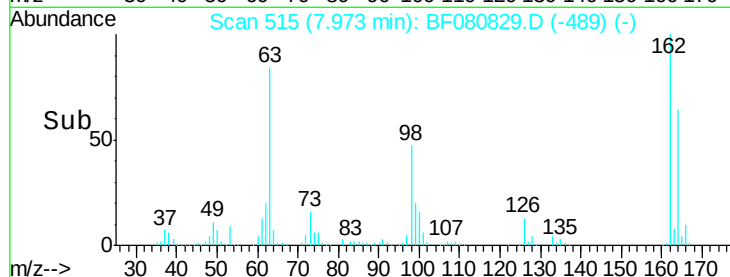
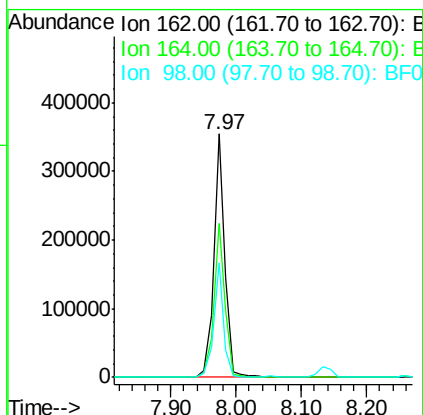
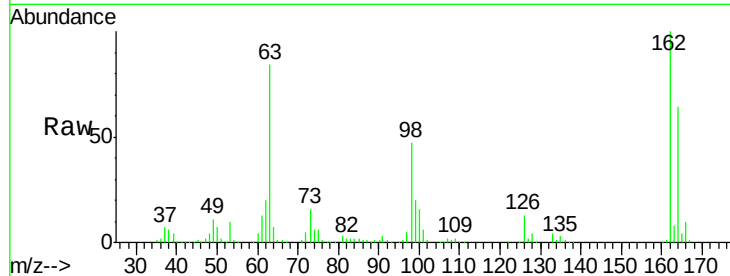




#29
 2,4-Dichlorophenol
 Concen: 37.27 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

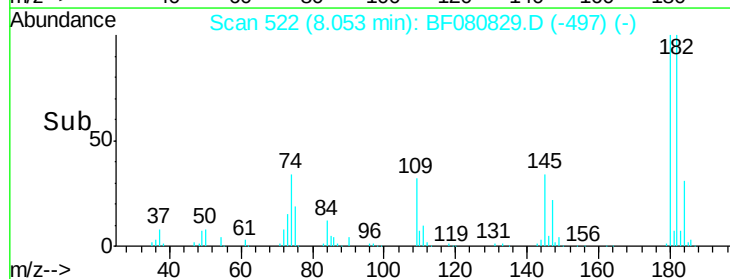
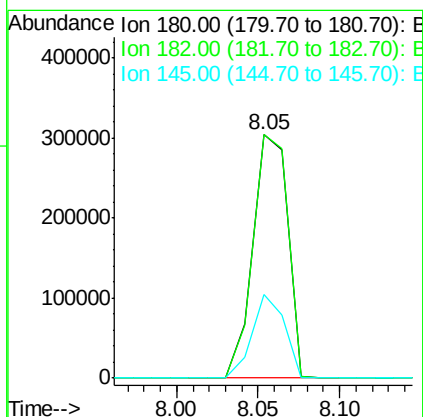
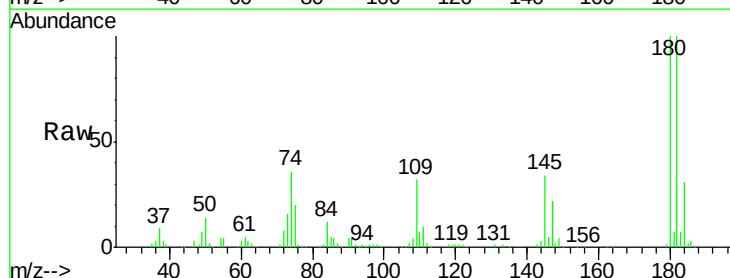
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

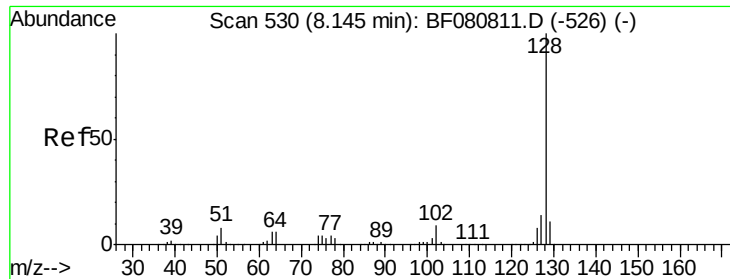
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.3	85.3
98	47.0	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 36.33 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	79.7	119.5
145	34.4	23.8	35.8

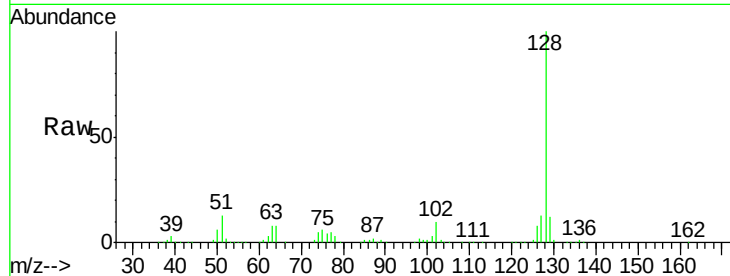




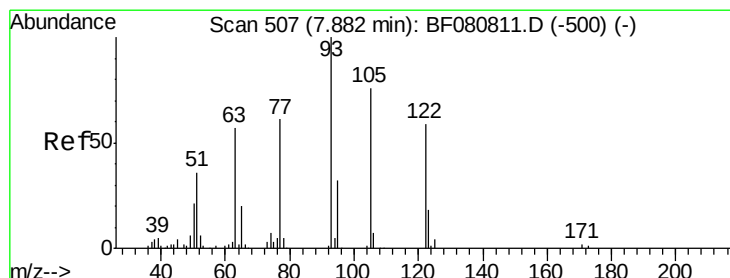
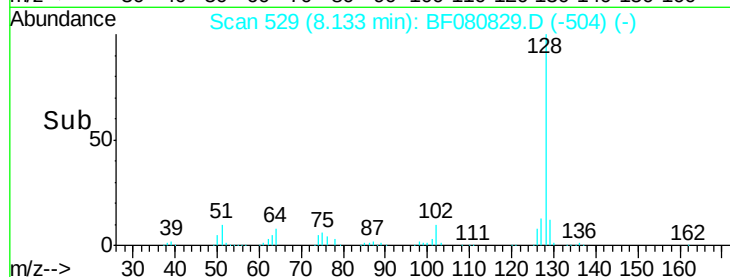
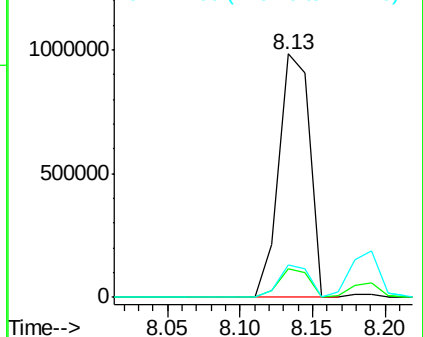
#31
Naphthalene
Concen: 36.48 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion:128 Resp: 1450934
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.4 10.8 16.2

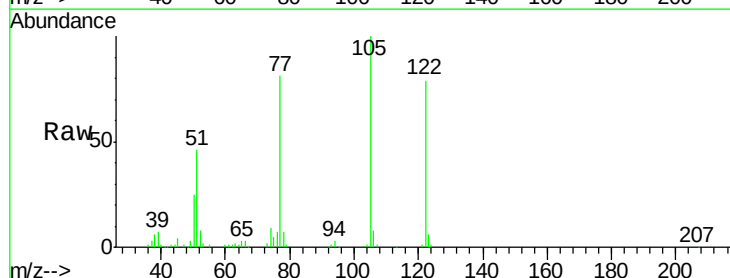


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

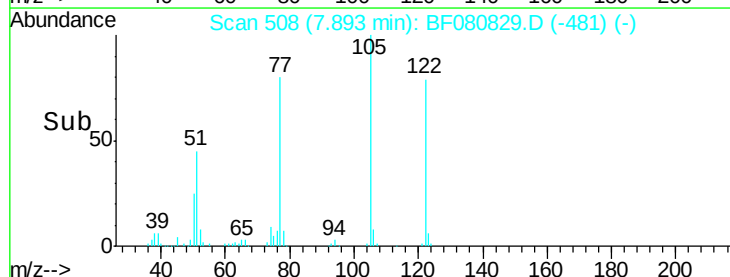
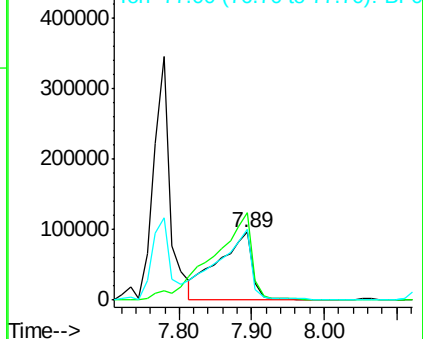


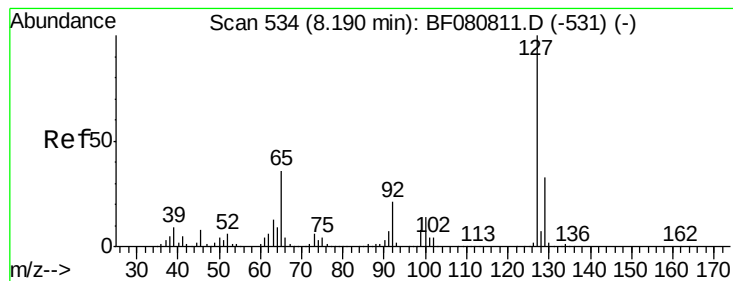
#32
Benzoic acid
Concen: 38.70 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion:122 Resp: 319593
Ion Ratio Lower Upper
122 100
105 127.3 102.3 142.3
77 103.3 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: 15.91 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tot Ion:127 Resp: 266192

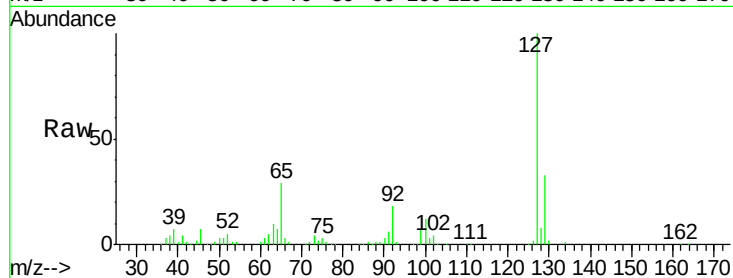
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 29.5 28.9 43.3

92 17.8 16.7 25.1

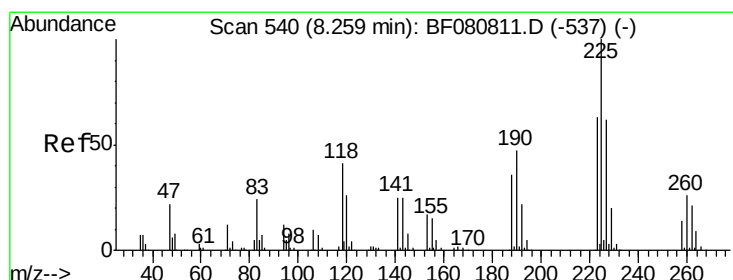
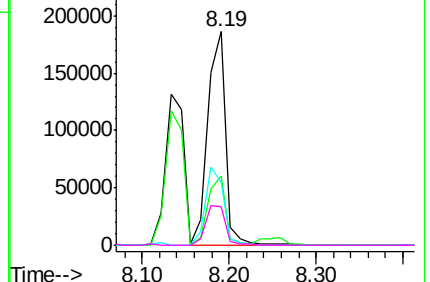
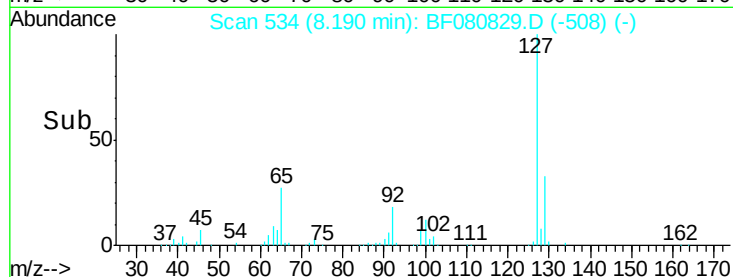


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.90 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

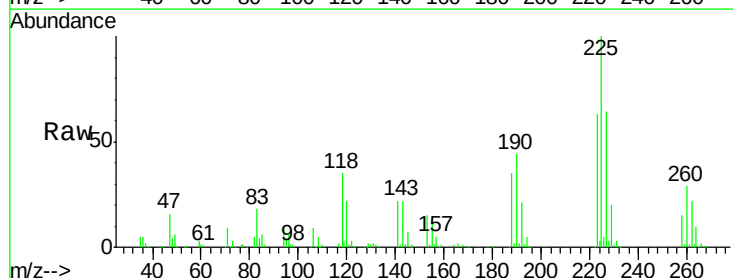
Tgt Ion:225 Resp: 281901

Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

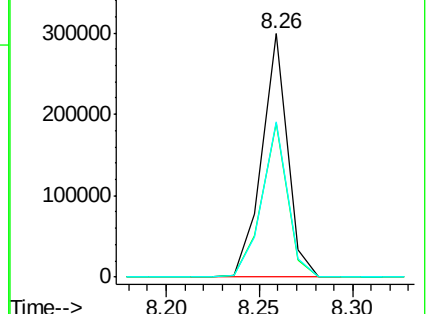
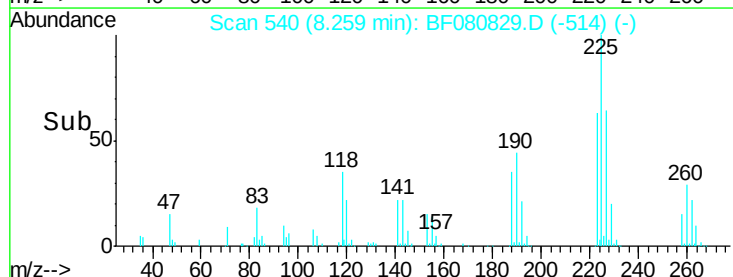
227 64.0 49.7 74.5

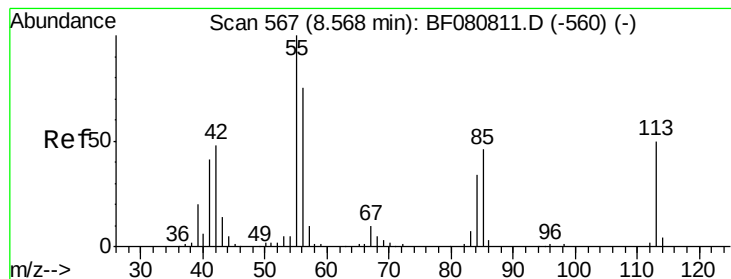


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.81 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

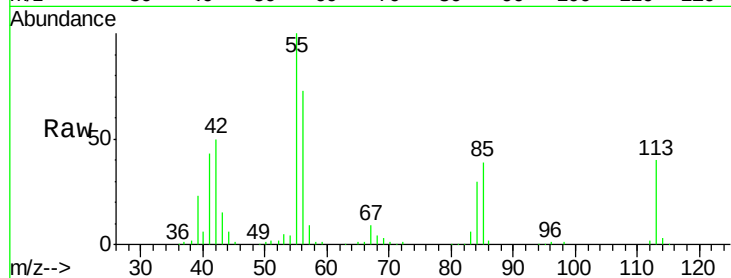
Tot Ion:113 Resp: 94236

Ion Ratio Lower Upper

113 100

55 252.3 179.0 219.0#

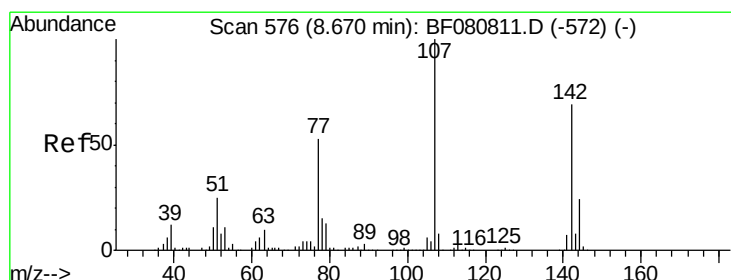
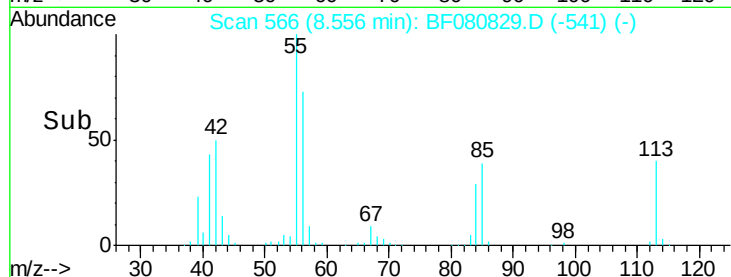
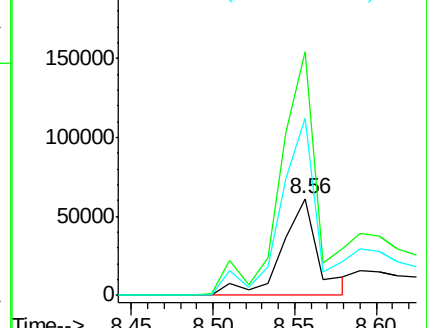
56 183.5 128.2 168.2#



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: 40.42 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

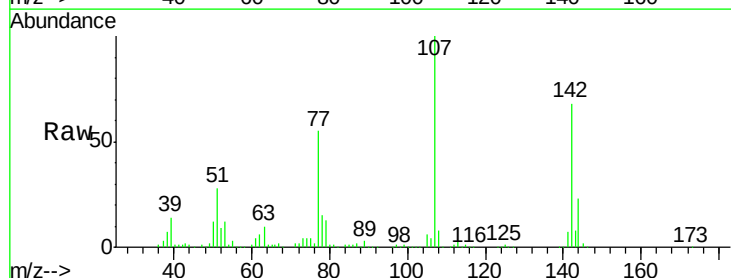
Tgt Ion:107 Resp: 491116

Ion Ratio Lower Upper

107 100

144 22.5 19.0 28.4

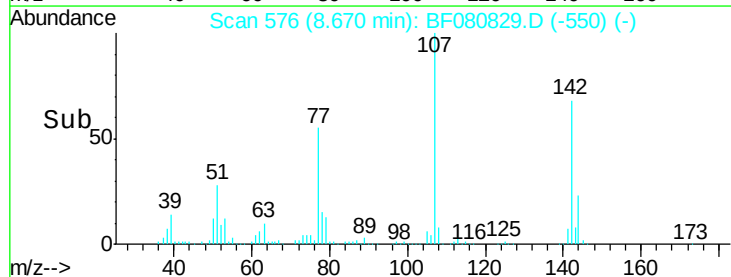
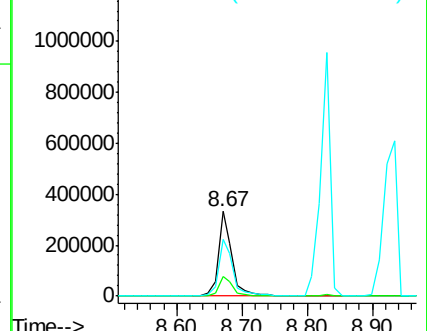
142 67.7 54.9 82.3

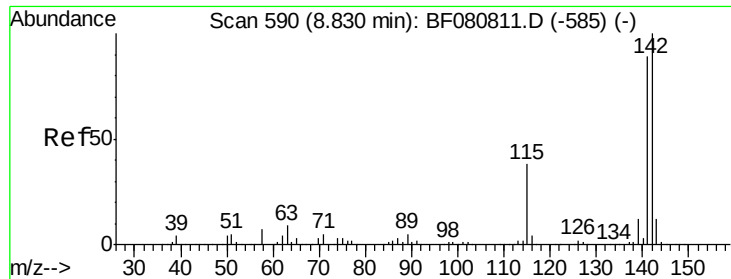


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

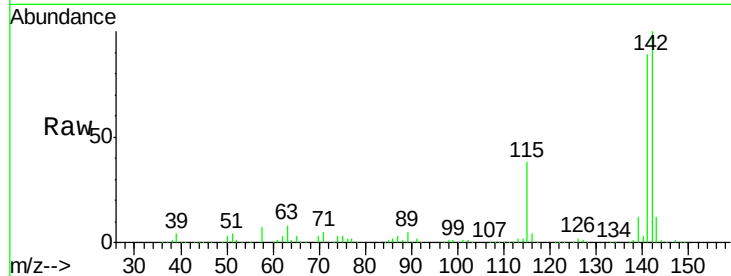




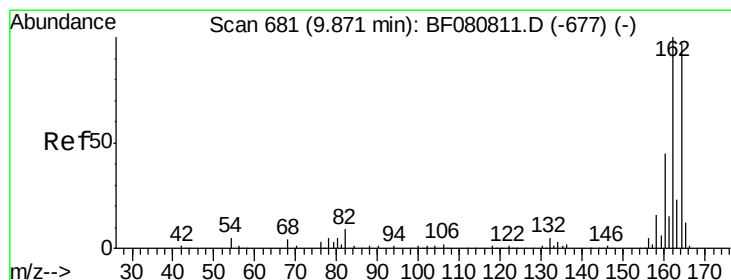
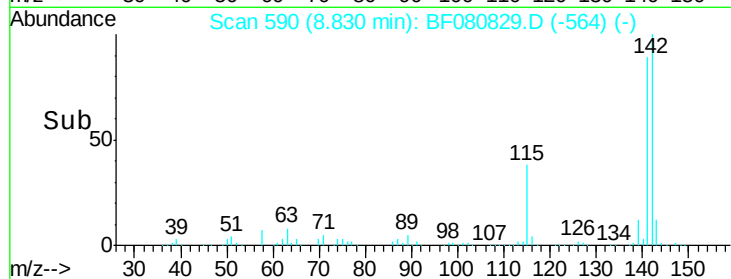
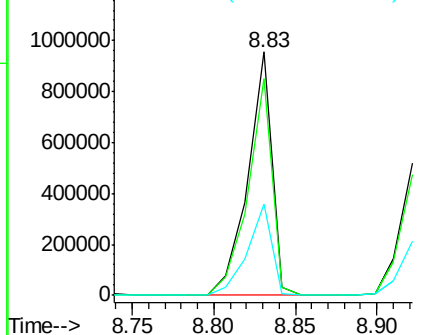
#37
 2-Methylnaphthalene
 Concen: 39.35 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:142 Resp: 980674
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.3 106.9
 115 37.7 30.6 45.8

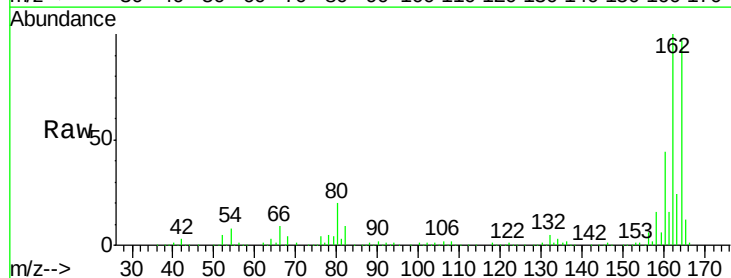


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

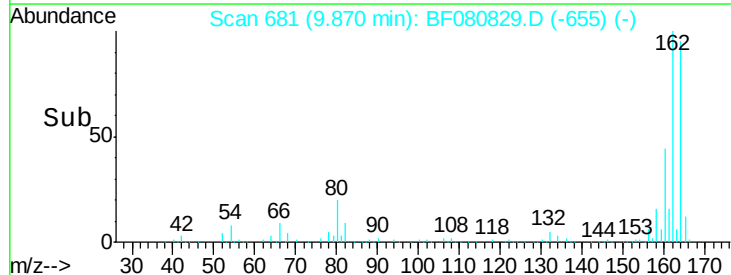
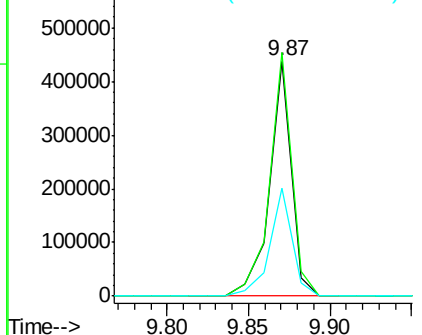


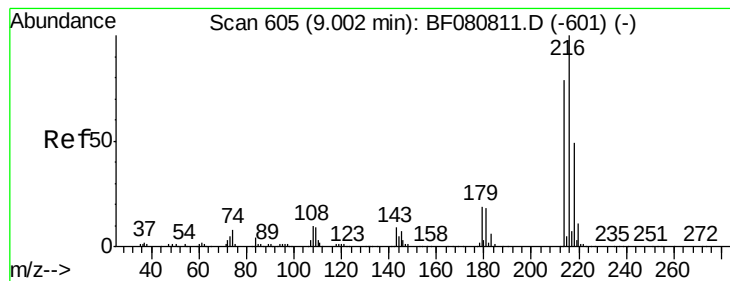
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:164 Resp: 408950
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.3 123.5
 160 45.8 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: 32.75 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tot Ion:216 Resp: 425332

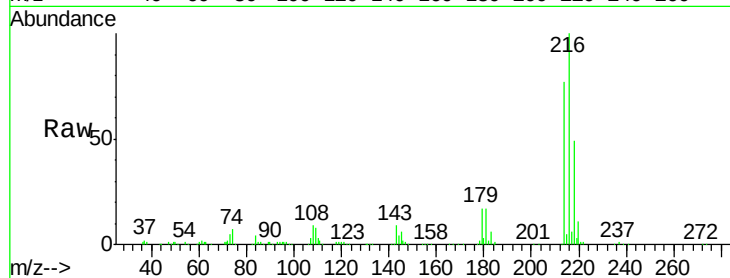
Ion Ratio Lower Upper

216 100

214 78.6 64.0 96.0

179 19.9 16.9 25.3

108 21.1 14.9 22.3

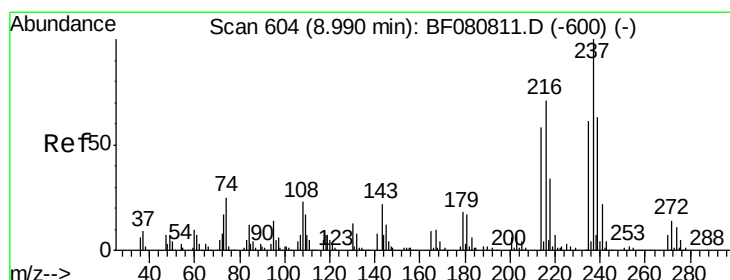
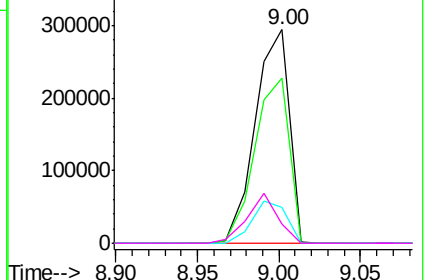
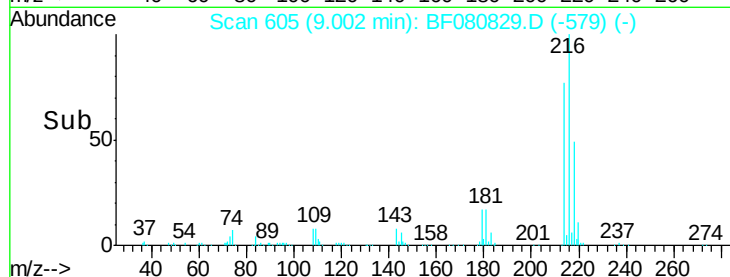


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.11 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

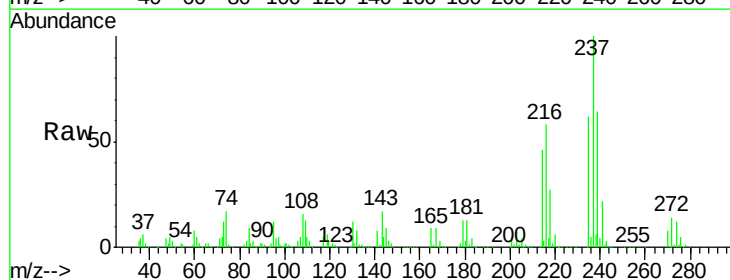
Tgt Ion:237 Resp: 565025

Ion Ratio Lower Upper

237 100

235 62.3 41.5 81.5

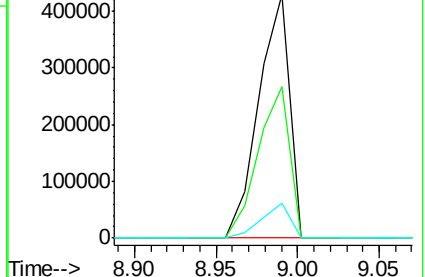
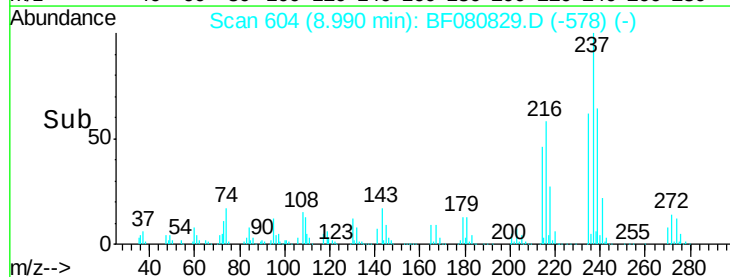
272 14.3 0.0 33.7

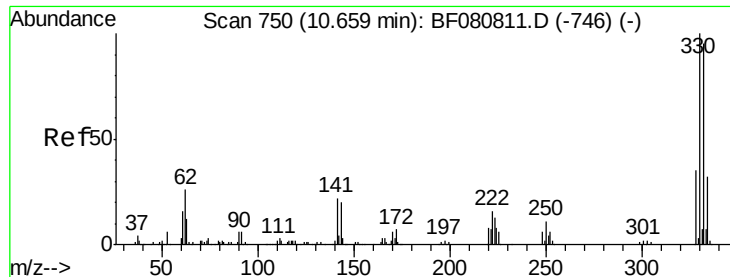


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

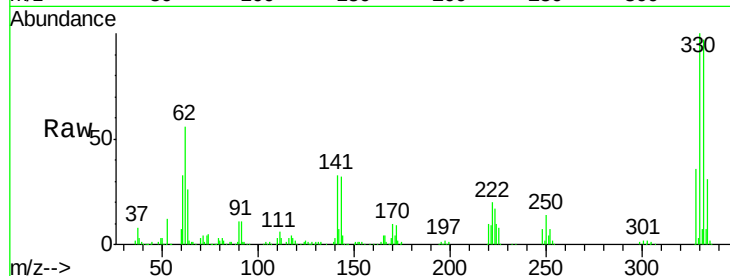




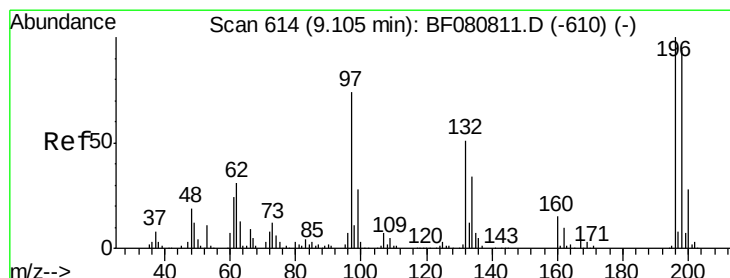
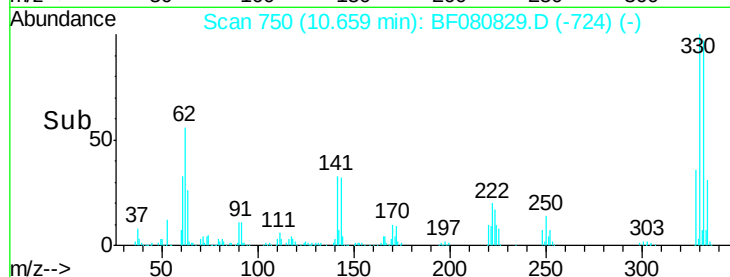
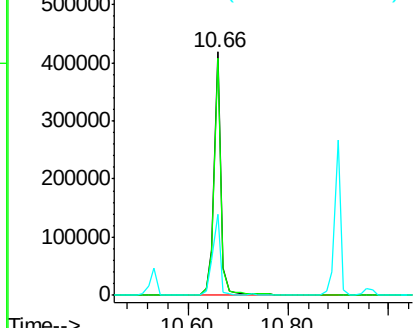
#41
 2,4,6-Tribromophenol
 Concen: 104.30 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:330 Resp: 408726
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 36.4 25.4 38.0

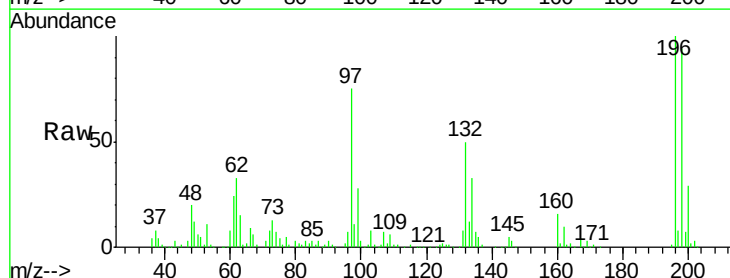


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

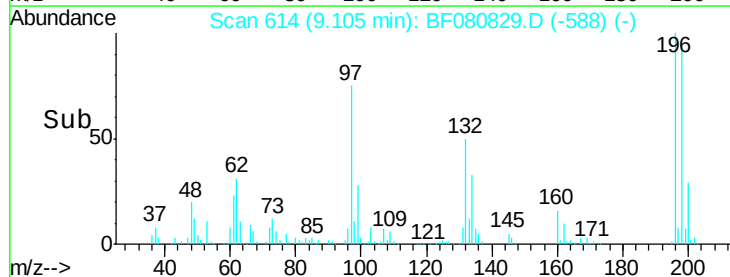
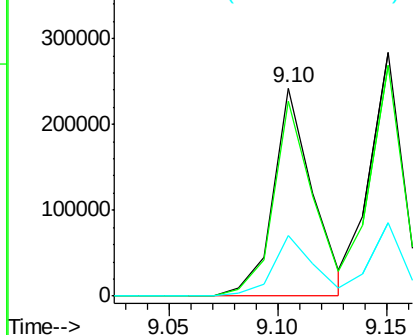


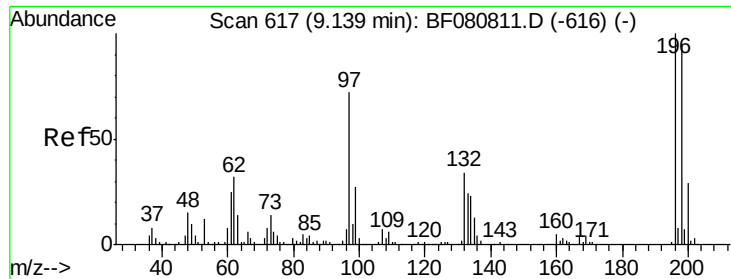
#42
 2,4,6-Trichlorophenol
 Concen: 33.28 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:196 Resp: 306875
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.3 112.9
 200 29.3 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

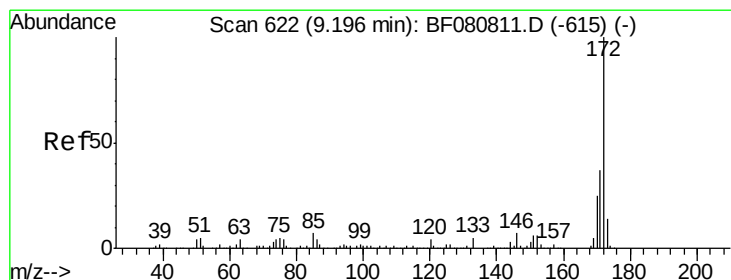
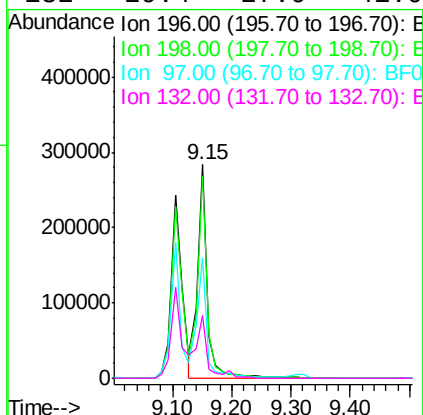
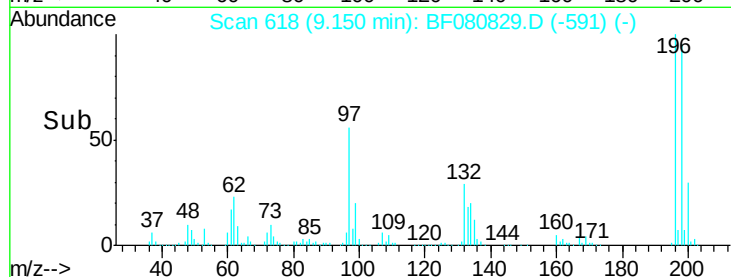
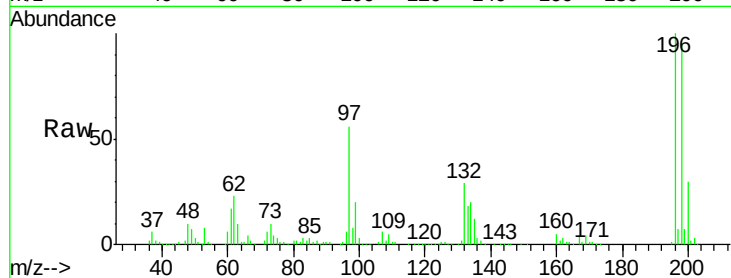




#43
 2,4,5-Trichlorophenol
 Concen: 36.79 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

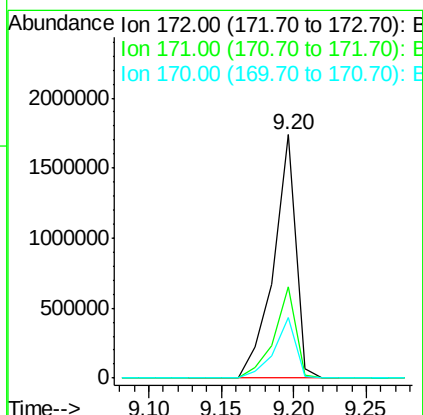
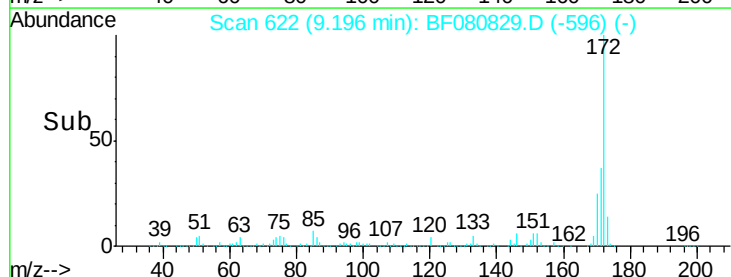
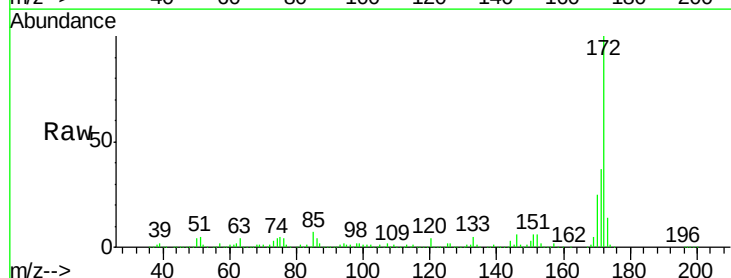
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

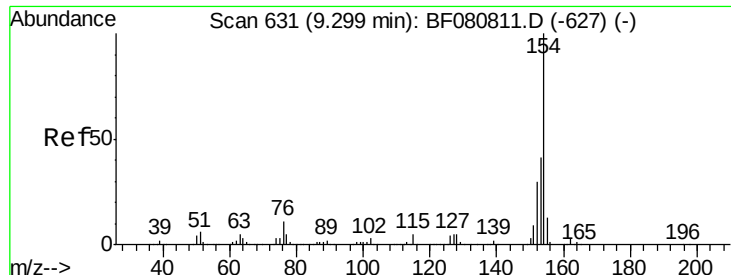
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.3	114.5
97	56.3	58.8	88.2
132	29.4	27.9	41.9



#44
 2-Fluorobiphenyl
 Concen: 68.55 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.0	20.2	30.4





#45

1,1'-Biphenyl

Concen: 37.26 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

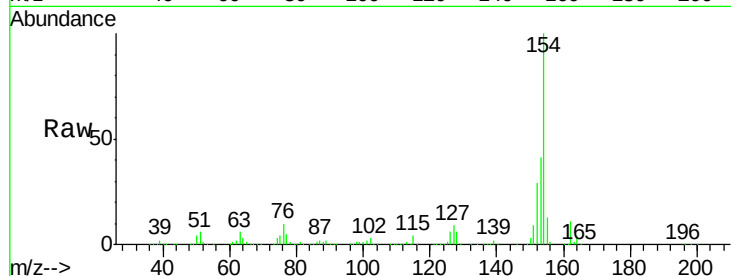
Tot Ion:154 Resp: 1153494

Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

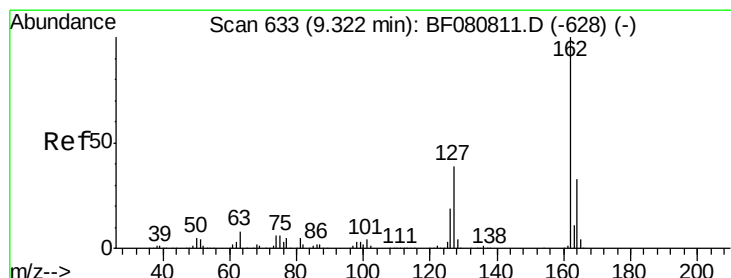
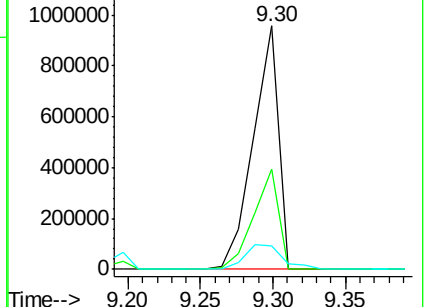
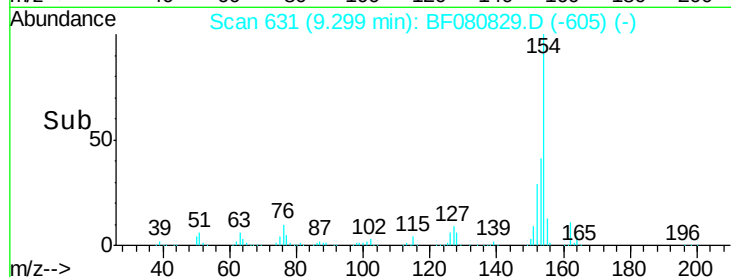
76 9.8 0.0 30.5



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): E



#46

2-Chloronaphthalene

Concen: 35.83 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

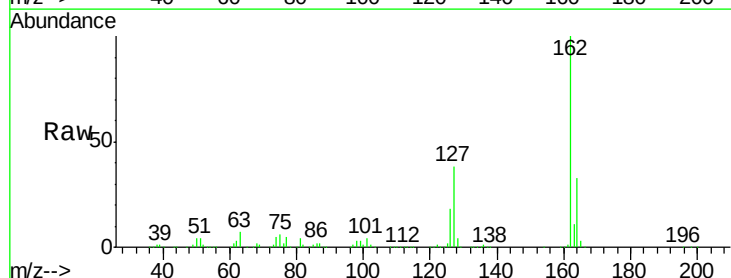
Tgt Ion:162 Resp: 920409

Ion Ratio Lower Upper

162 100

127 37.9 31.0 46.6

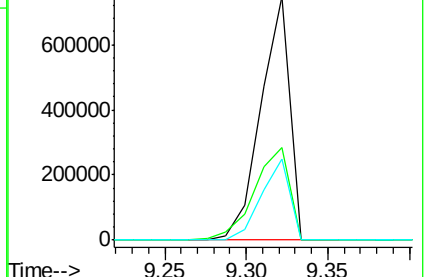
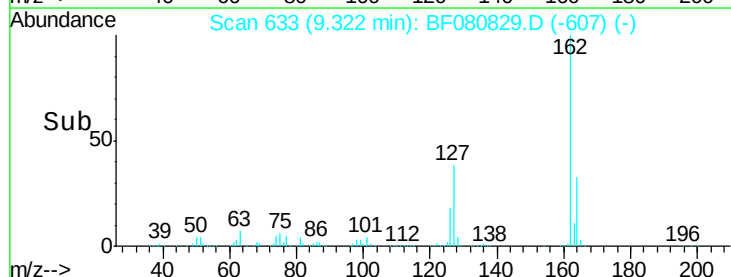
164 33.2 26.8 40.2

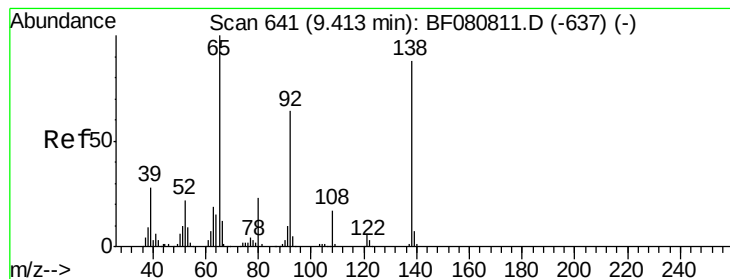


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.26 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

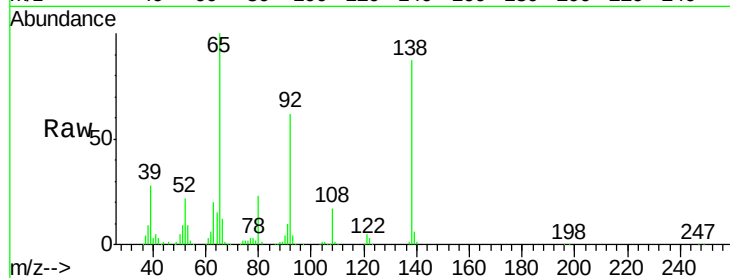
Tot Ion: 65 Resp: 381981

Ion Ratio Lower Upper

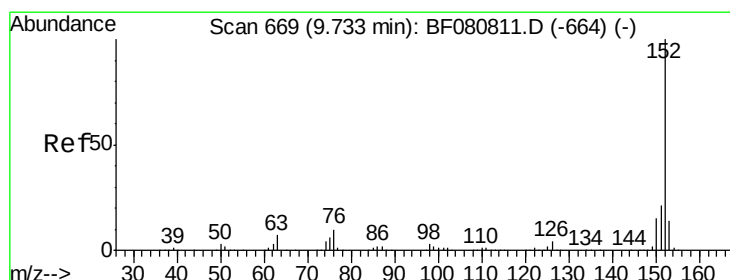
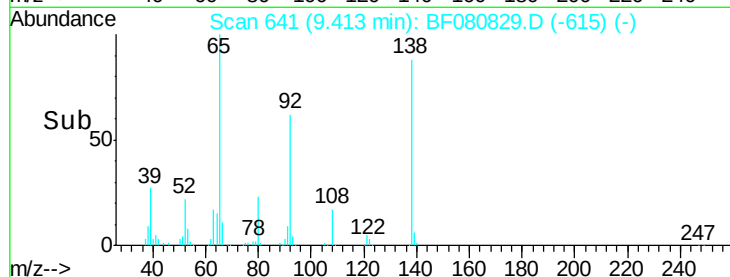
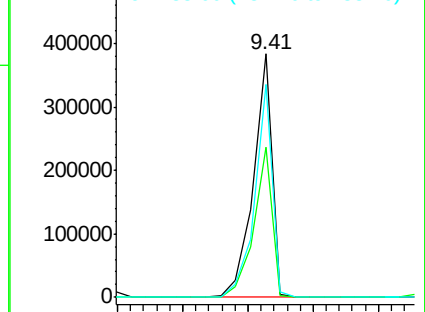
65 100

92 61.7 50.9 76.3

138 87.3 70.6 105.8



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



#48

Acenaphthylene

Concen: 36.05 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

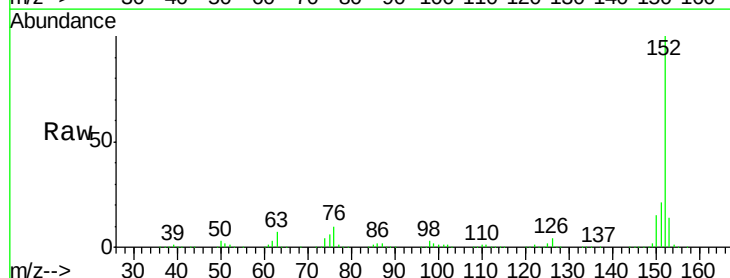
Tgt Ion: 152 Resp: 1444231

Ion Ratio Lower Upper

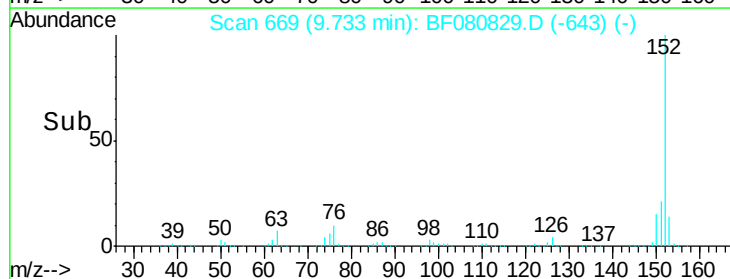
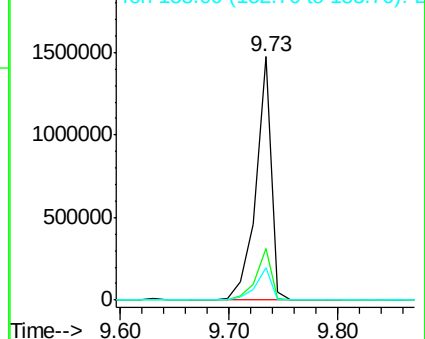
152 100

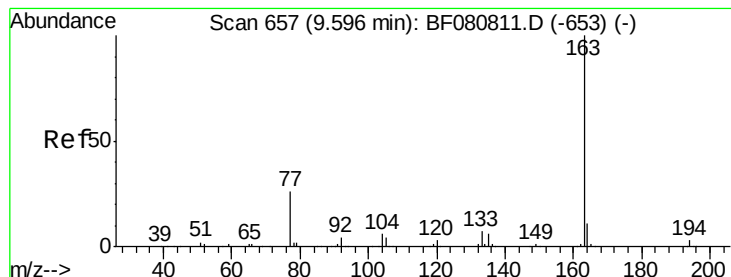
151 21.1 16.8 25.2

153 13.5 11.0 16.4



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





#49

Dimethylphthalate

Concen: 35.40 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

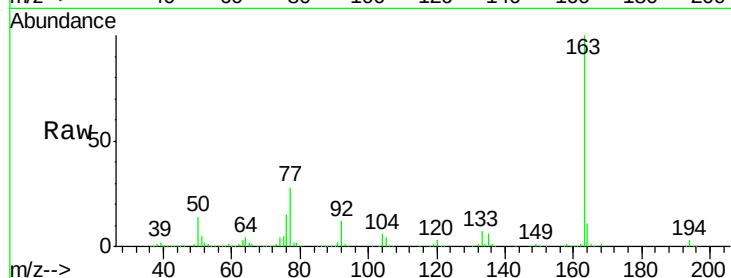
Tot Ion:163 Resp: 967157

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

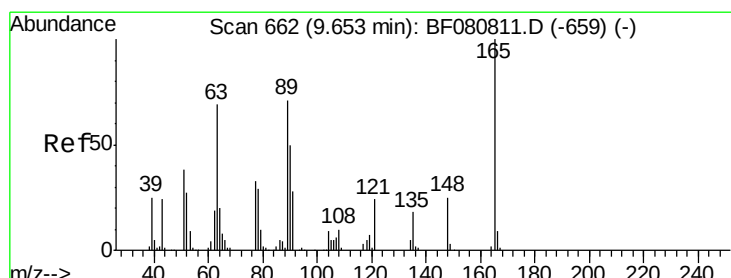
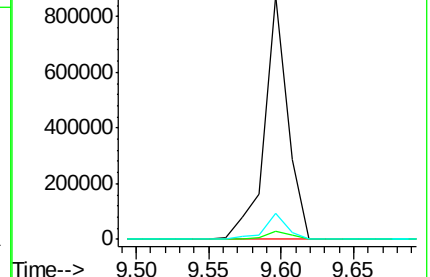
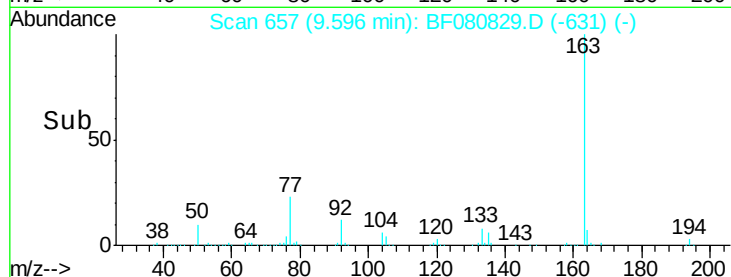
164 10.7 8.5 12.7



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: 35.63 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

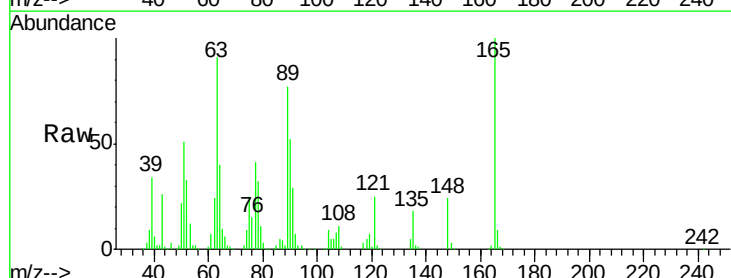
Tgt Ion:165 Resp: 209685

Ion Ratio Lower Upper

165 100

63 91.0 68.2 102.4

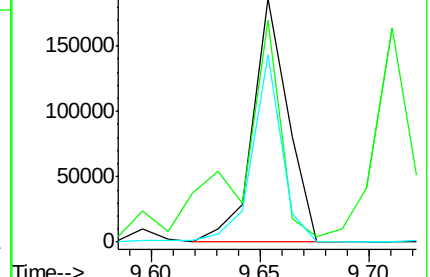
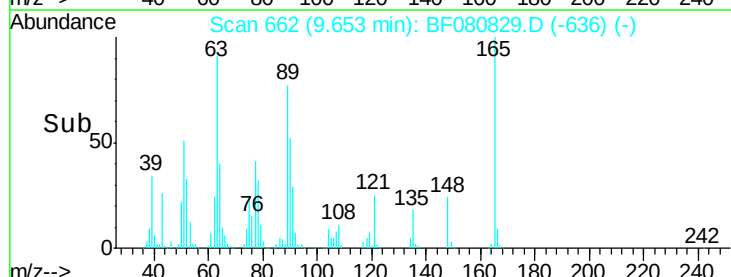
89 77.0 56.9 85.3

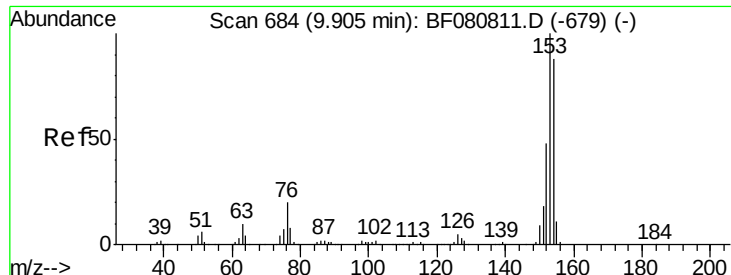


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.33 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

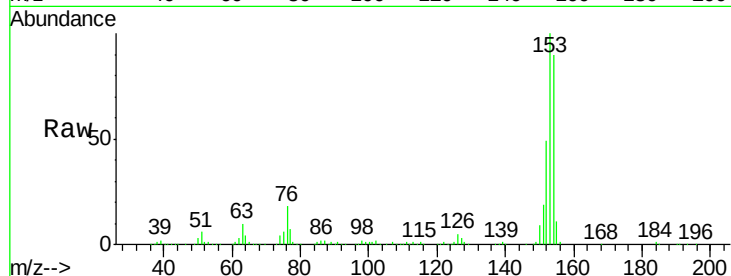
Tot Ion:154 Resp: 997573

Ion Ratio Lower Upper

154 100

153 111.1 91.4 137.2

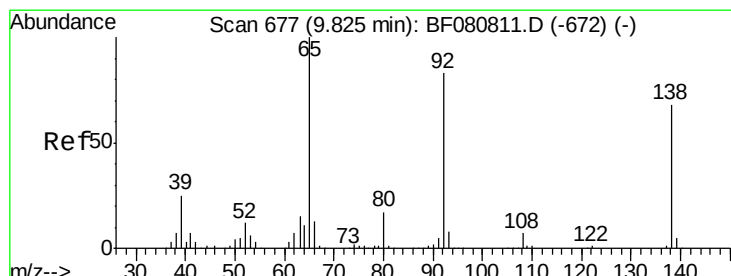
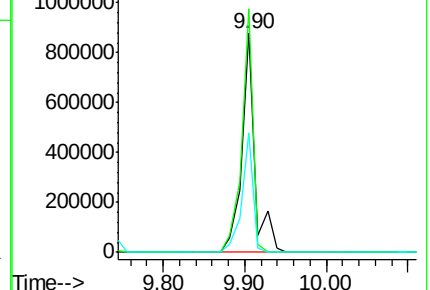
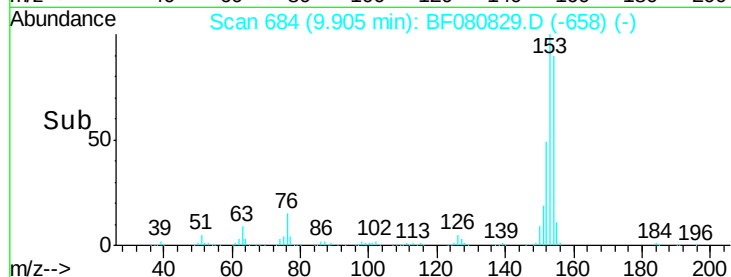
152 54.7 44.1 66.1



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: 21.98 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

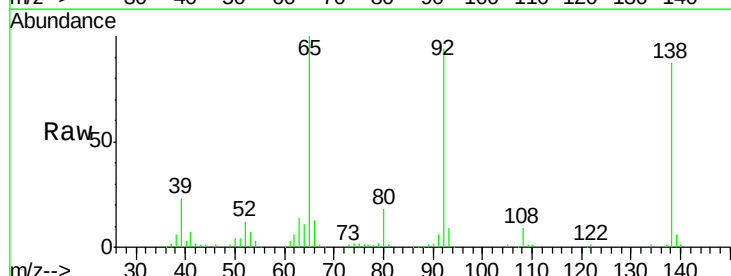
Tgt Ion:138 Resp: 150102

Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

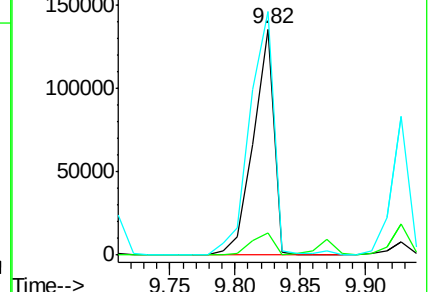
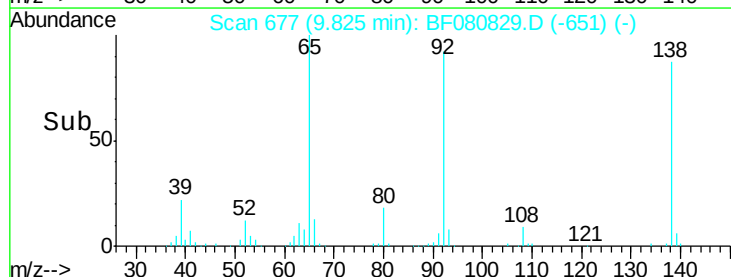
92 107.9 97.4 146.2

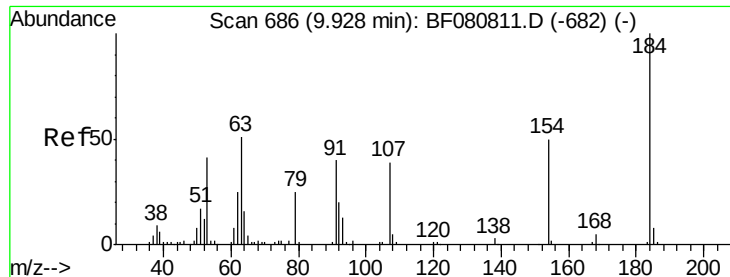


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

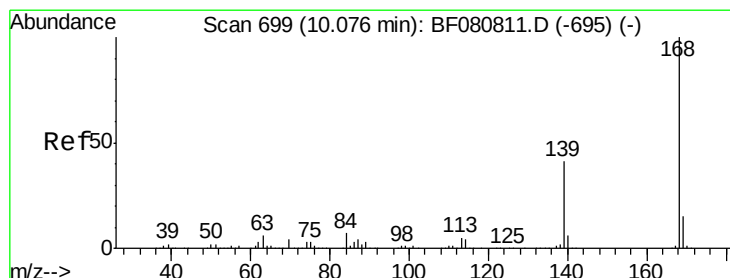
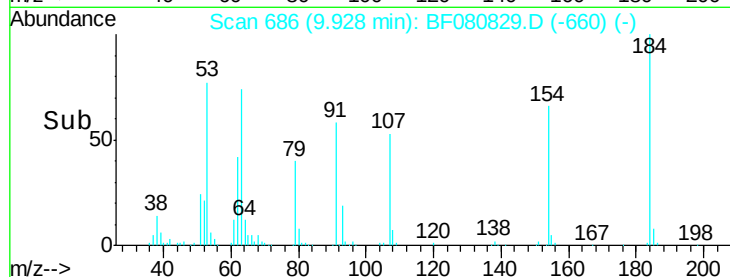
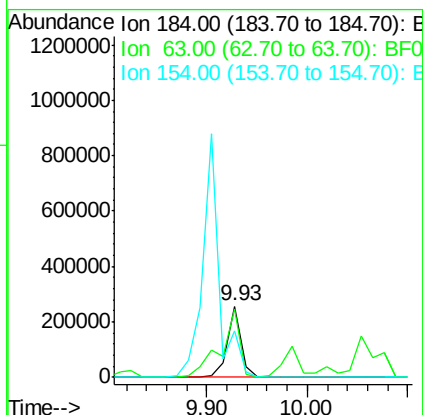
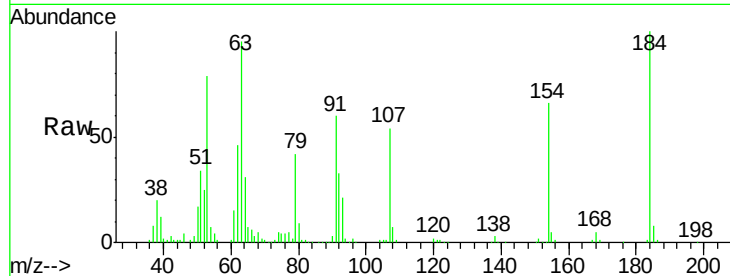




#53
 2,4-Dinitrophenol
 Concen: 82.97 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

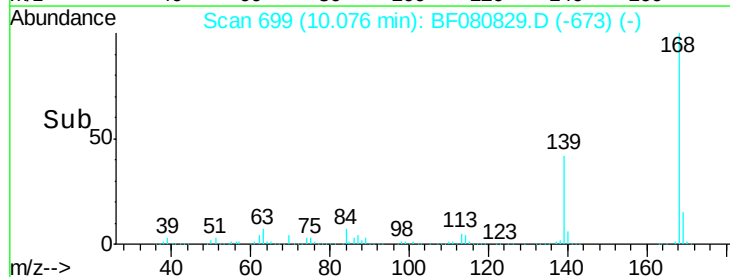
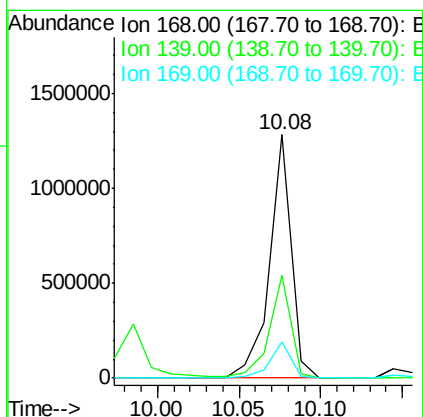
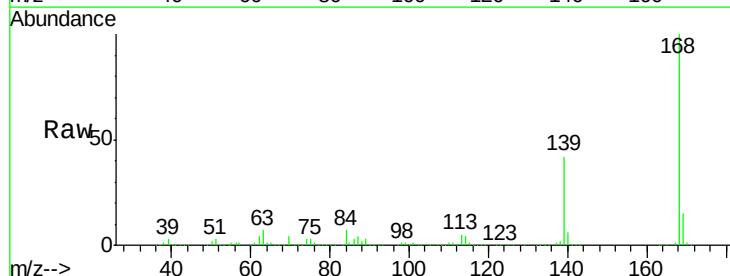
Instrument :
 BNA_F
 ClientSampleID :
 PB84659BS

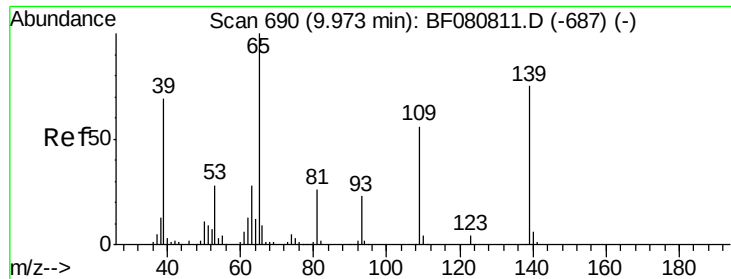
Tot Ion:184 Resp: 249791
 Ion Ratio Lower Upper
 184 100
 63 95.5 42.2 63.2#
 154 65.7 47.4 71.0



#54
 Dibenzofuran
 Concen: 37.15 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:168 Resp: 1186924
 Ion Ratio Lower Upper
 168 100
 139 42.1 32.8 49.2
 169 15.0 11.6 17.4





#55

4-Nitrophenol

Concen: 70.95 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

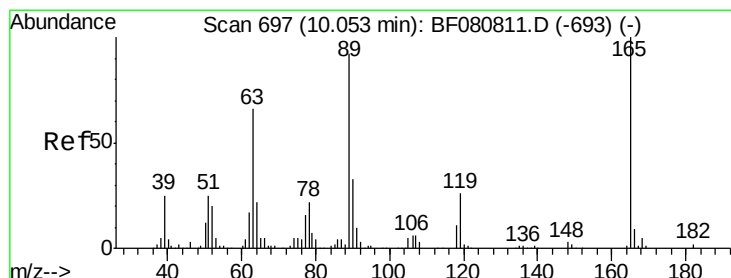
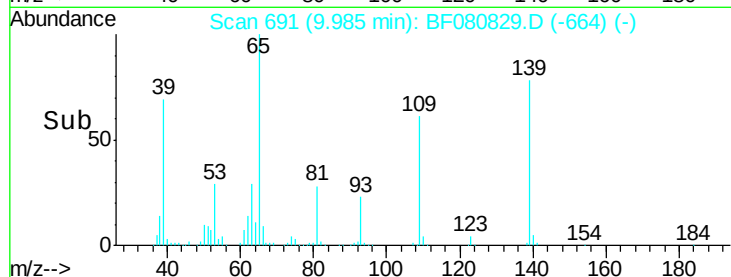
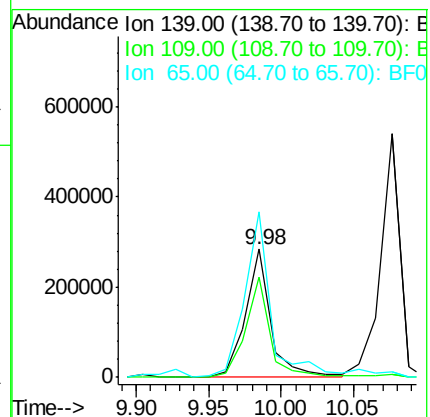
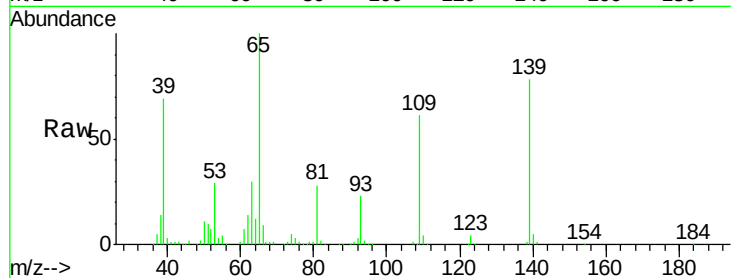
Tot Ion:139 Resp: 346318

Ion Ratio Lower Upper

139 100

109 78.3 55.1 95.1

65 128.8 113.9 153.9



#56

2,4-Dinitrotoluene

Concen: 39.05 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:165 Resp: 290495

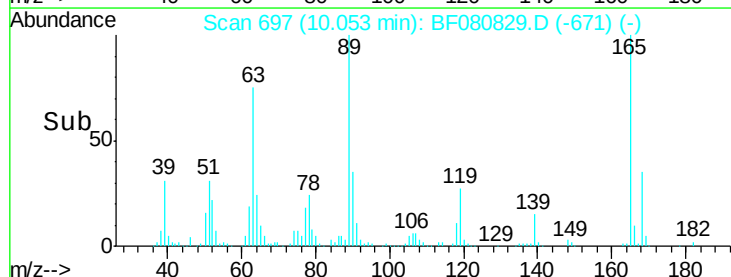
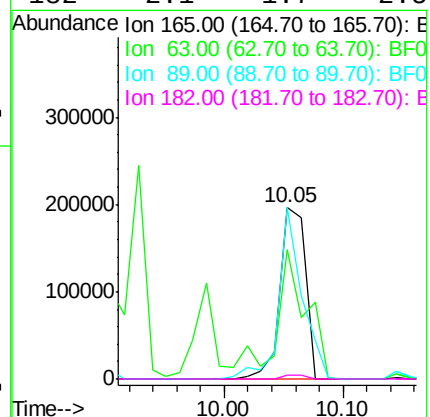
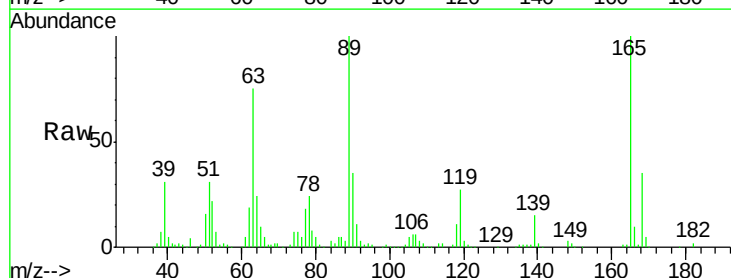
Ion Ratio Lower Upper

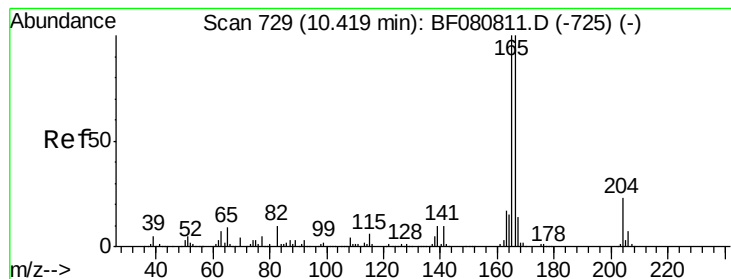
165 100

63 75.2 53.3 79.9

89 100.5 73.5 110.3

182 2.1 1.7 2.5





#57

Fluorene

Concen: 38.15 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

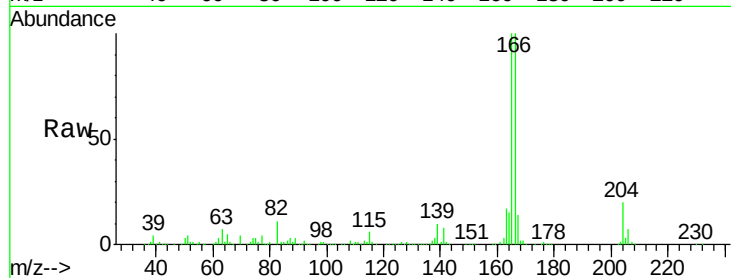
Tot Ion:166 Resp: 945735

Ion Ratio Lower Upper

166 100

165 100.5 79.9 119.9

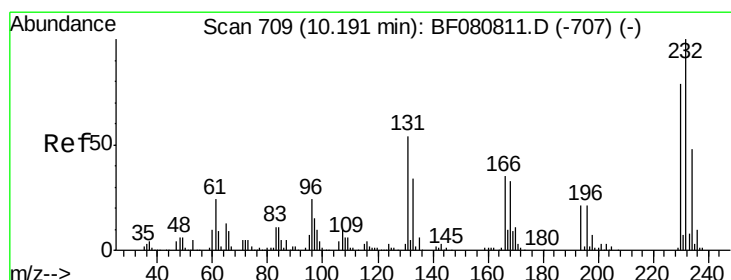
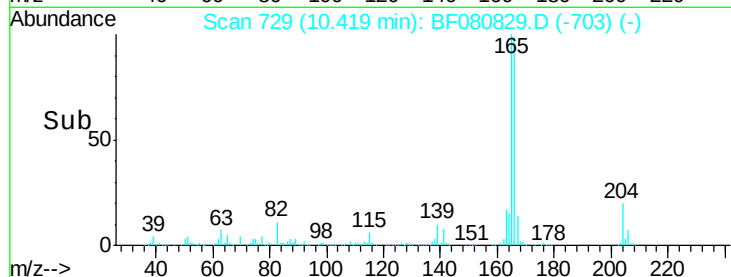
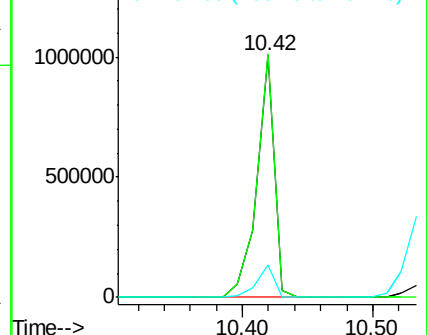
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.52 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Tgt Ion:232 Resp: 249950

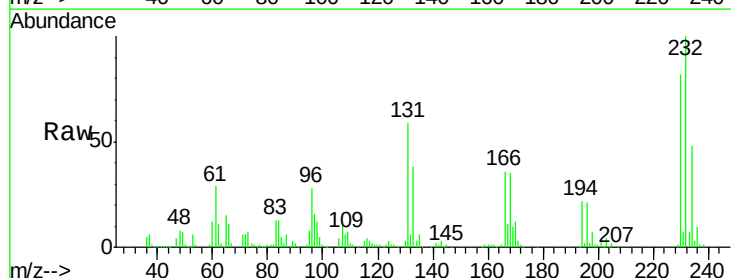
Ion Ratio Lower Upper

232 100

131 51.9 41.9 62.9

130 2.6 2.0 3.0

166 31.1 26.4 39.6

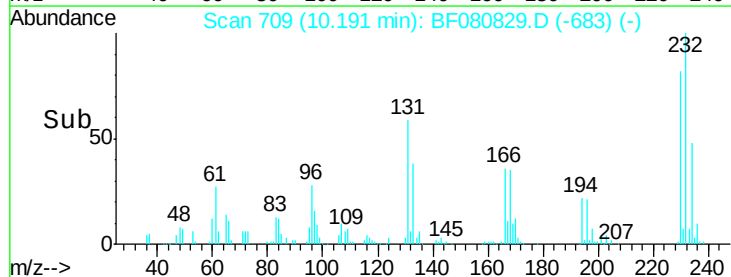
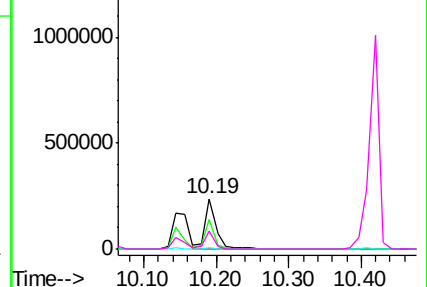


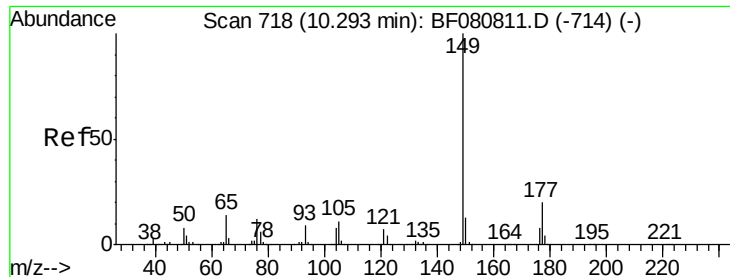
Abundance Ion 232.00 (231.70 to 232.70): E

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

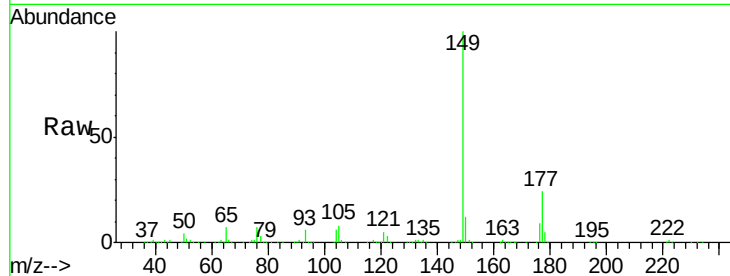




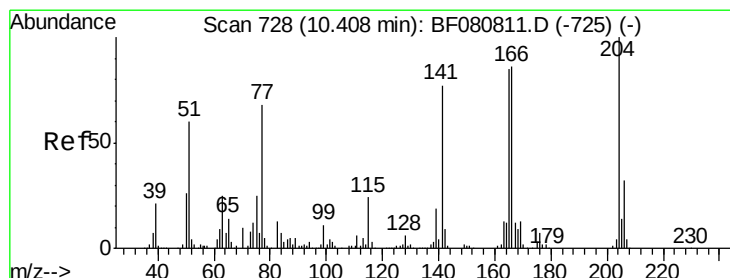
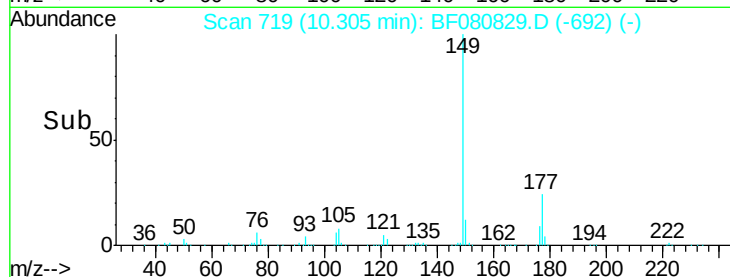
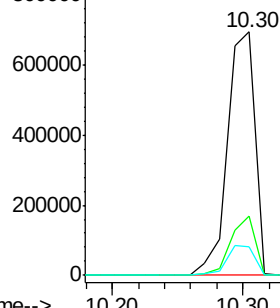
#59
Diethylphthalate
Concen: 39.26 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion:149 Resp: 1024315
Ion Ratio Lower Upper
149 100
177 24.2 16.2 24.2
150 11.9 10.6 15.8

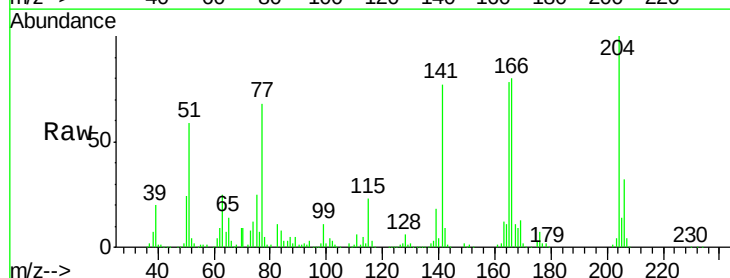


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

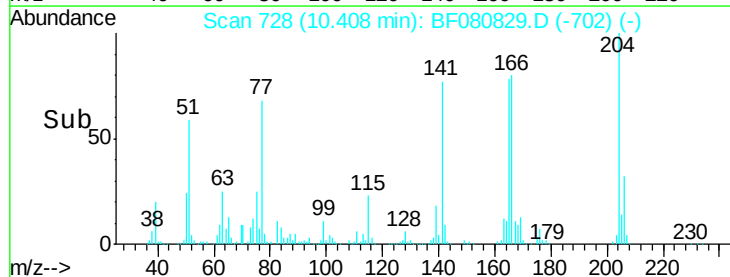
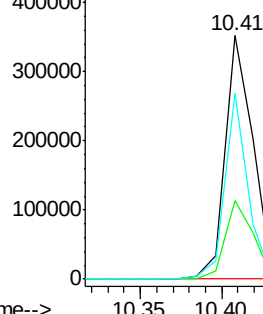


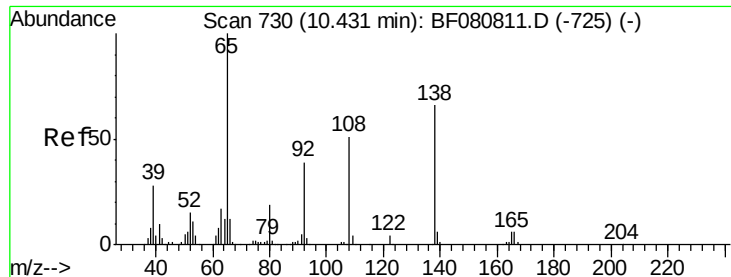
#60
4-Chlorophenyl-phenylether
Concen: 33.47 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion:204 Resp: 406874
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 76.6 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

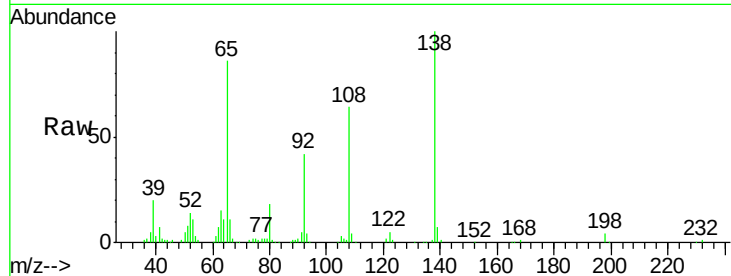




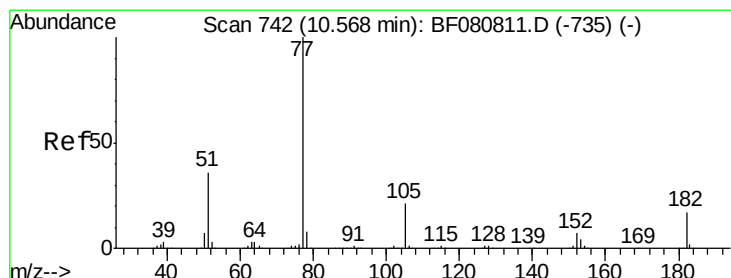
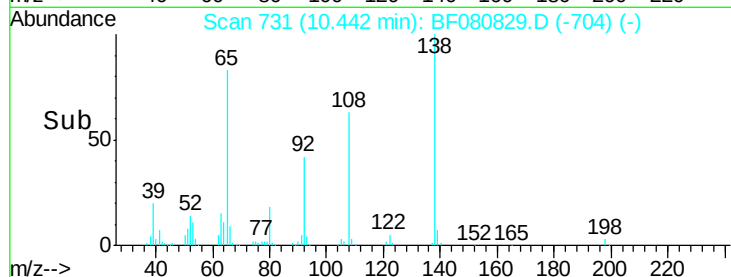
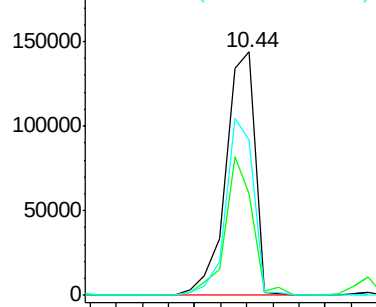
#61
4-Nitroaniline
Concen: 35.72 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion:138 Resp: 225761
Ion Ratio Lower Upper
138 100
92 41.5 38.7 78.7
108 63.6 56.8 96.8

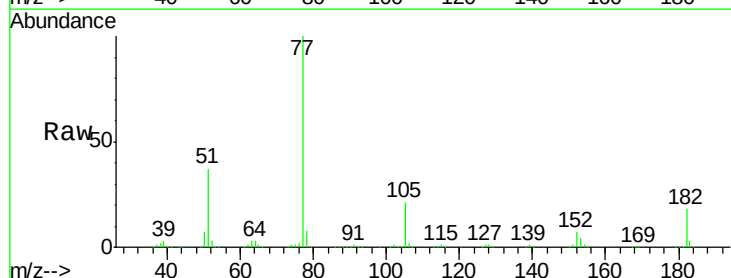


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

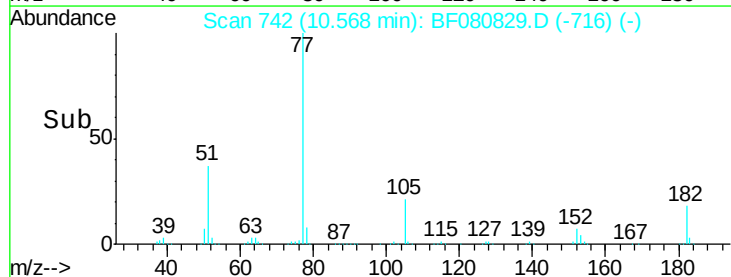
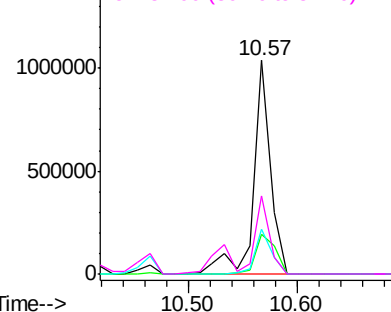


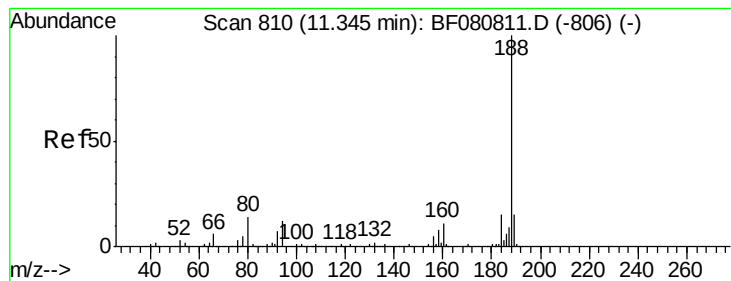
#62
Azobenzene
Concen: 37.72 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion: 77 Resp: 1140225
Ion Ratio Lower Upper
77 100
182 18.3 0.0 37.4
105 21.1 0.9 40.9
51 36.6 15.9 55.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

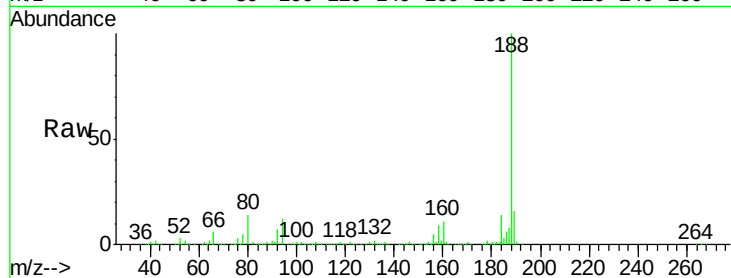
Tot Ion:188 Resp: 702604

Ion Ratio Lower Upper

188 100

94 12.5 9.7 14.5

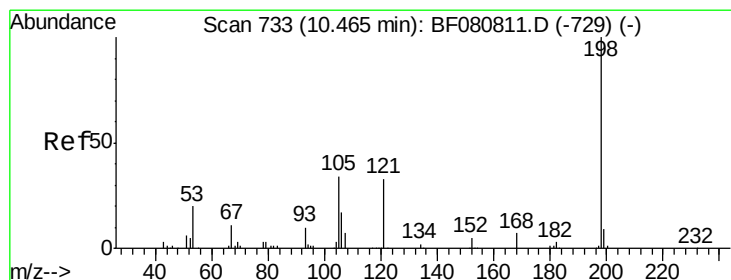
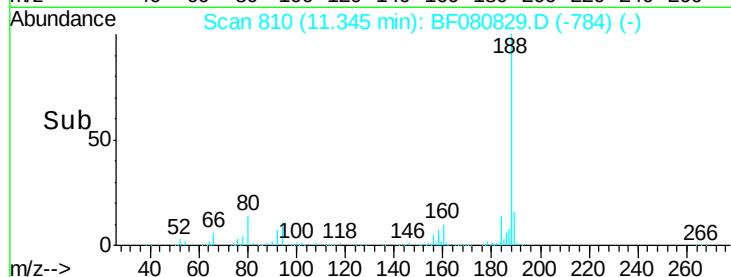
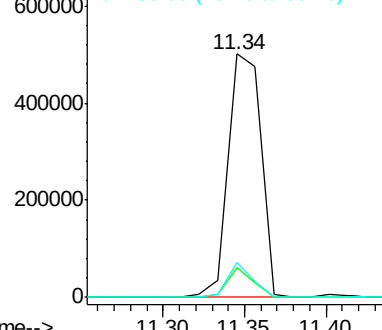
80 14.2 11.2 16.8



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: 41.71 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

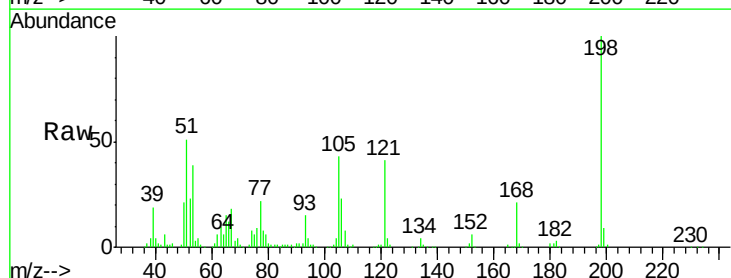
Tgt Ion:198 Resp: 180653

Ion Ratio Lower Upper

198 100

51 50.9 13.9 53.9

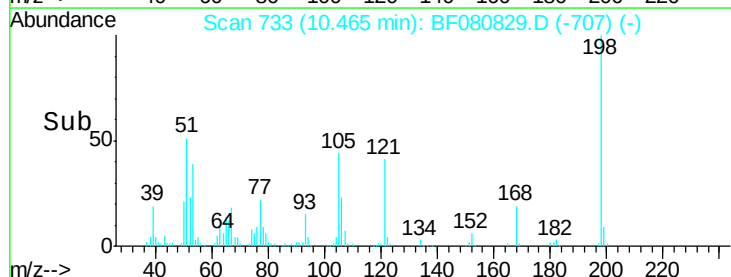
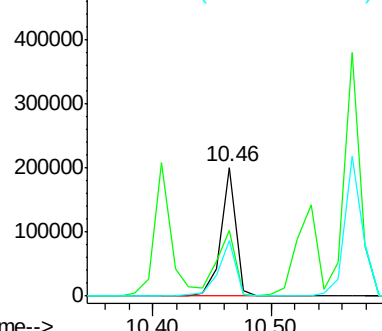
105 43.5 14.1 54.1

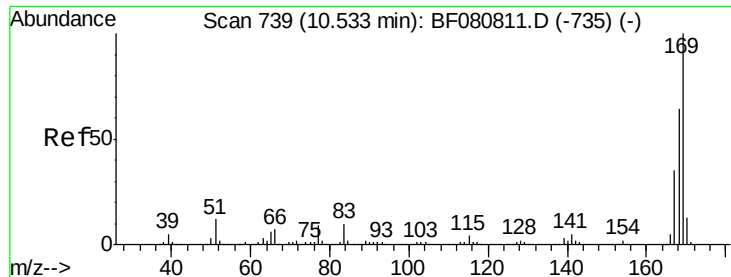


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

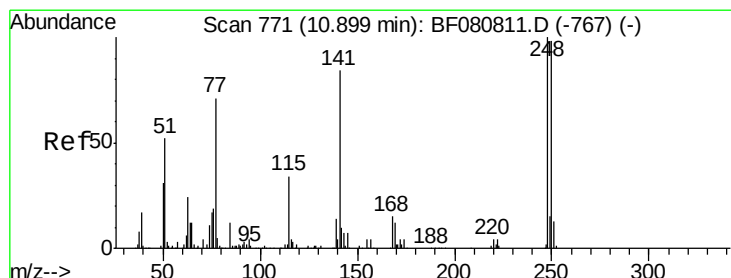
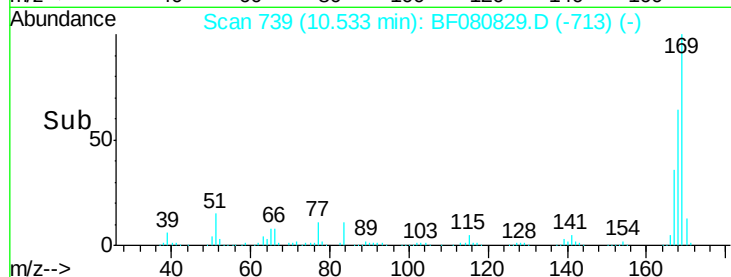
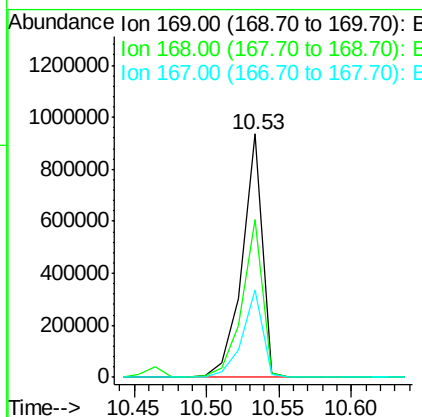
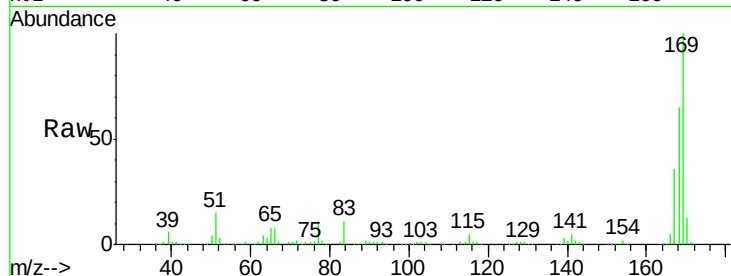




#65
 n-Nitrosodiphenylamine
 Concen: 36.78 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

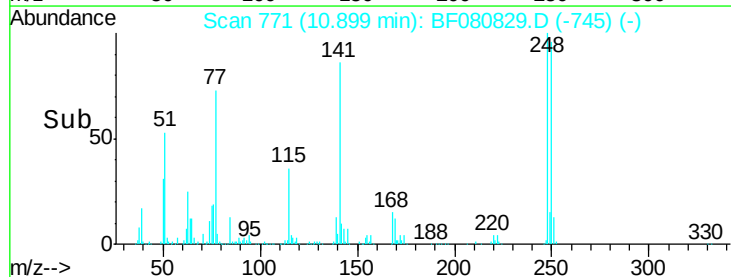
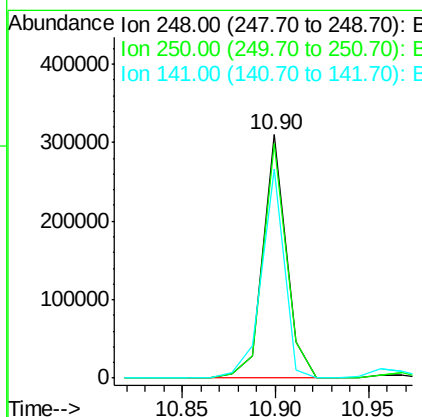
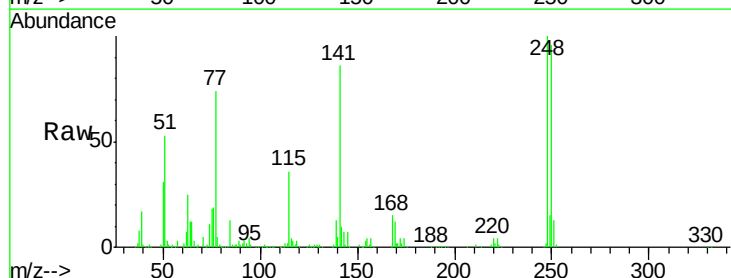
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

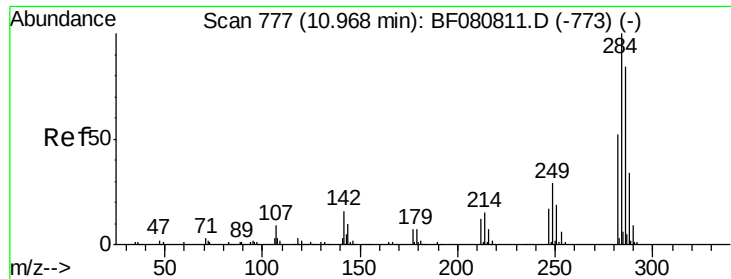
Tot Ion:169 Resp: 904515
 Ion Ratio Lower Upper
 169 100
 168 64.6 50.9 76.3
 167 36.0 27.7 41.5



#66
 4-Bromophenyl-phenylether
 Concen: 34.61 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:248 Resp: 267176
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.4 117.6
 141 85.8 67.3 100.9

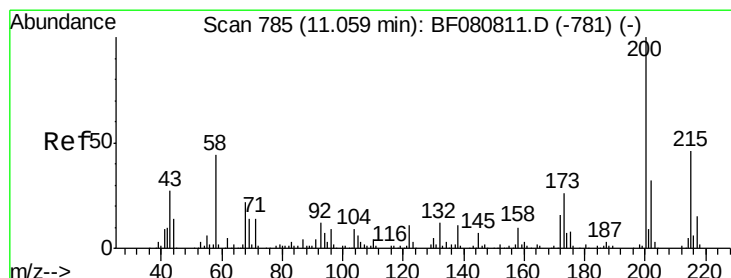
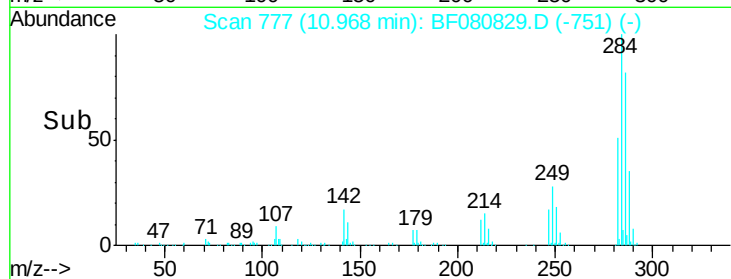
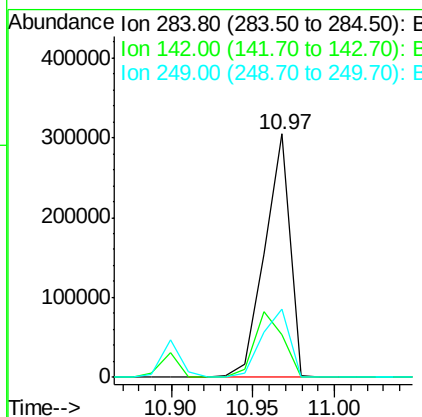
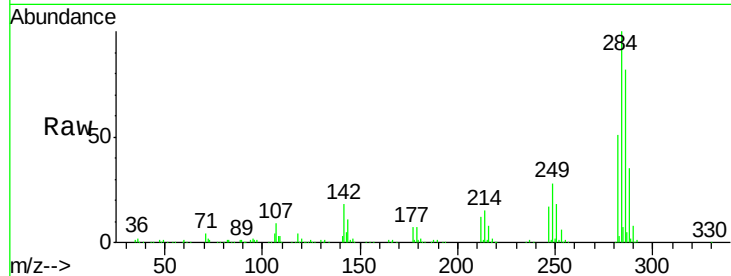




#67
Hexachlorobenzene
Concen: 37.77 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

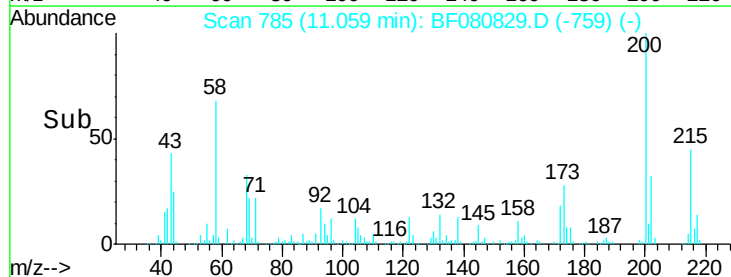
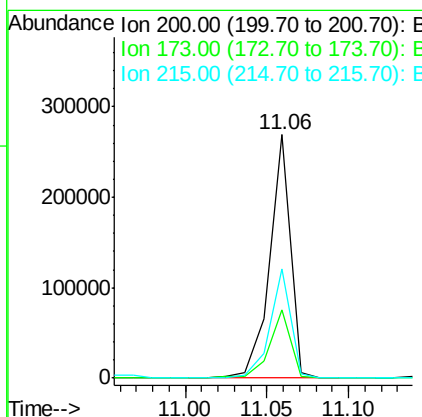
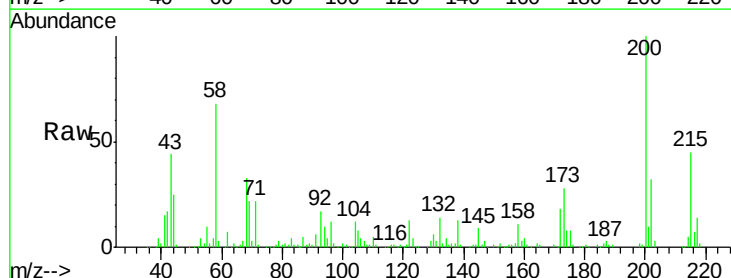
Instrument :
BNA_F
ClientSampleId :
PB84659BS

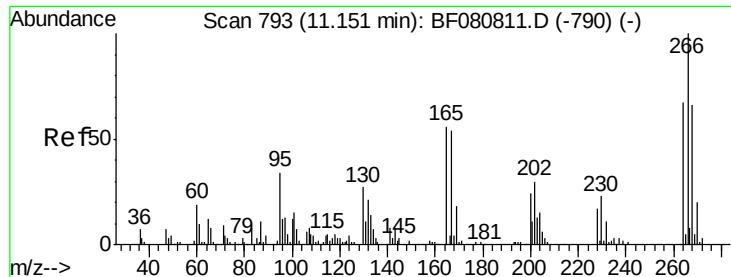
Tot Ion	Ratio	Lower	Upper
284	100		
142	17.6	13.0	19.4
249	28.2	22.9	34.3



#68
Atrazine
Concen: 42.77 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.0	46.0
215	44.9	26.4	66.4

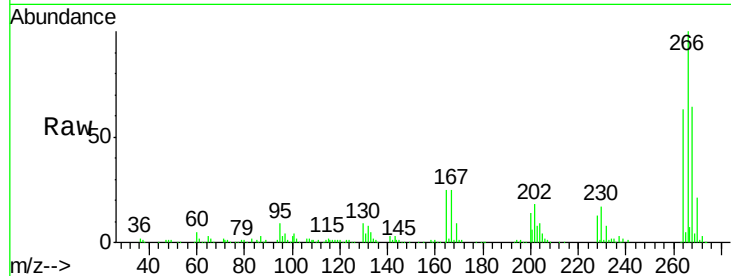




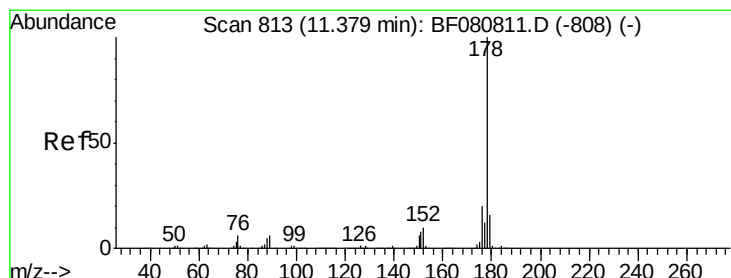
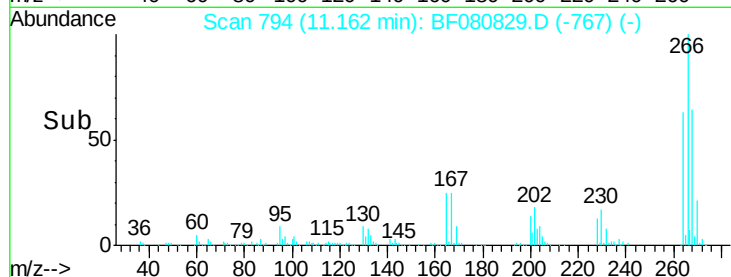
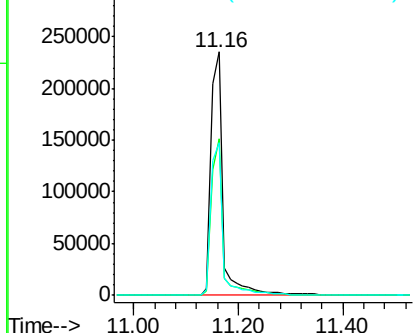
#69
 Pentachlorophenol
 Concen: 80.37 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:266 Resp: 374934
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.7 79.1
 264 62.8 53.4 80.0

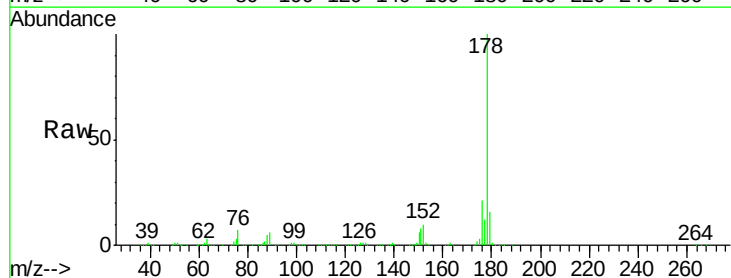


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

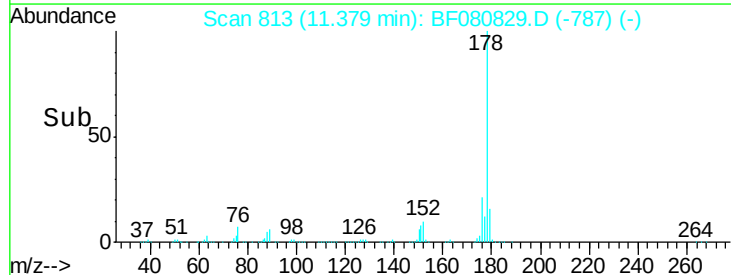
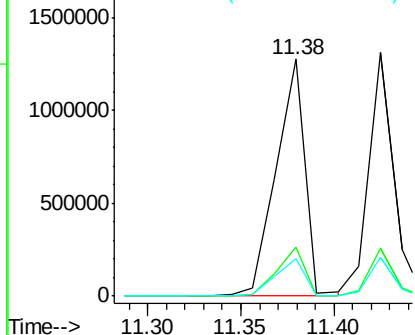


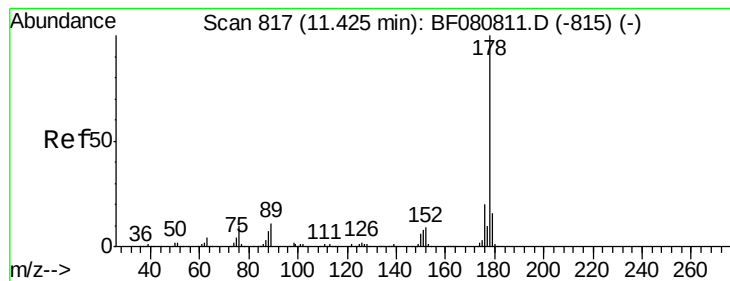
#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:178 Resp: 1369570
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 15.8 12.6 19.0



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





#71

Anthracene

Concen: 32.96 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

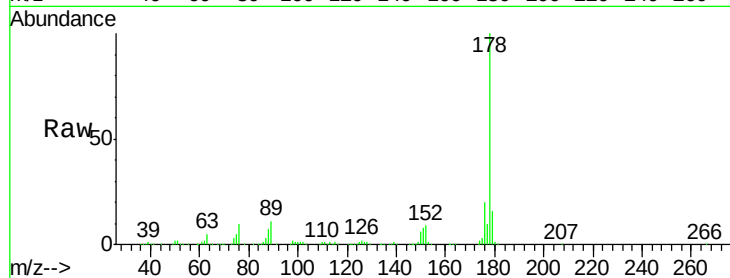
Tot Ion:178 Resp: 1189092

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

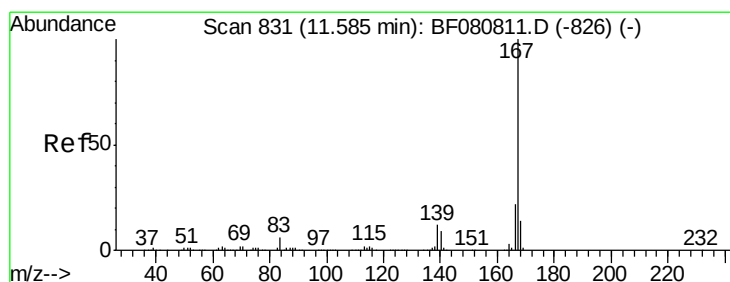
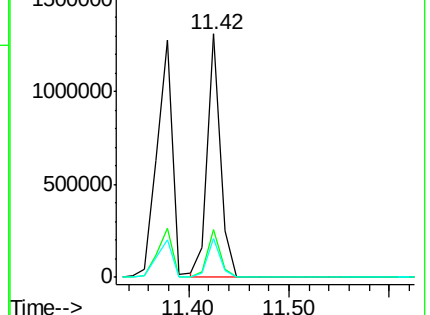
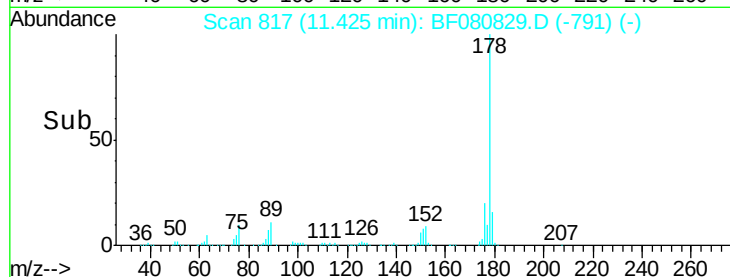
179 15.9 13.0 19.4



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: 37.05 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

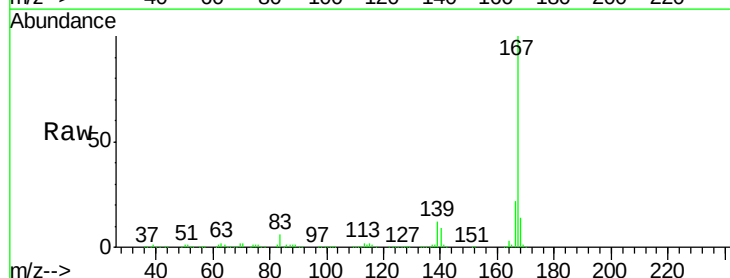
Tgt Ion:167 Resp: 1157318

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

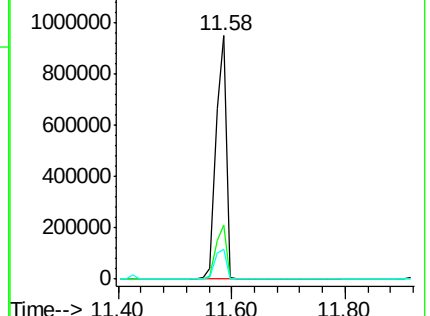
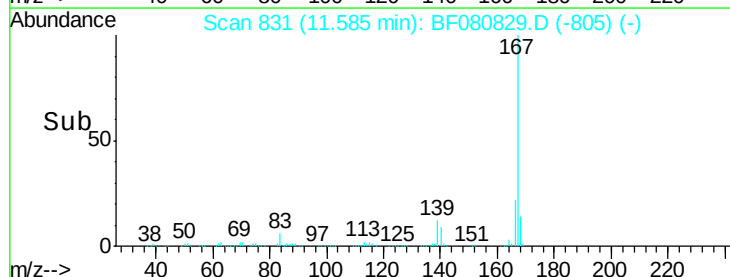
139 12.1 9.6 14.4

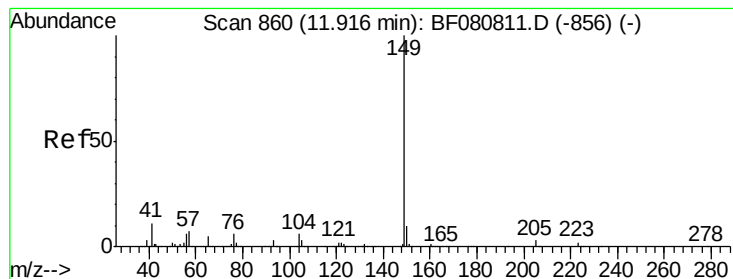


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.72 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

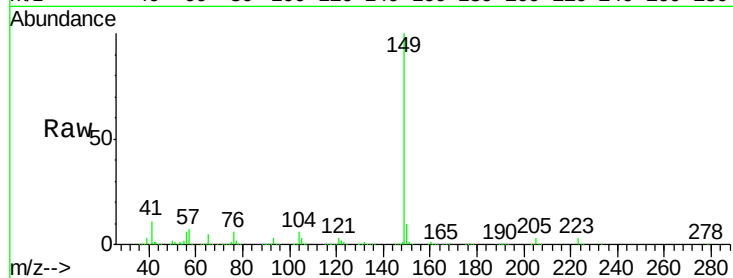
Tot Ion:149 Resp: 1373411

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

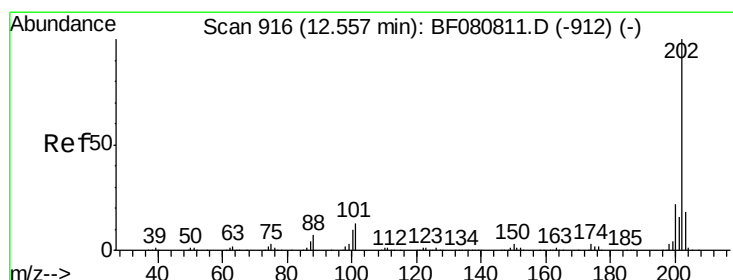
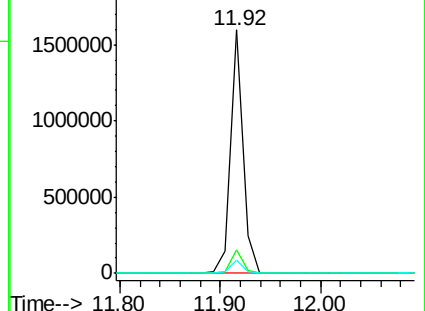
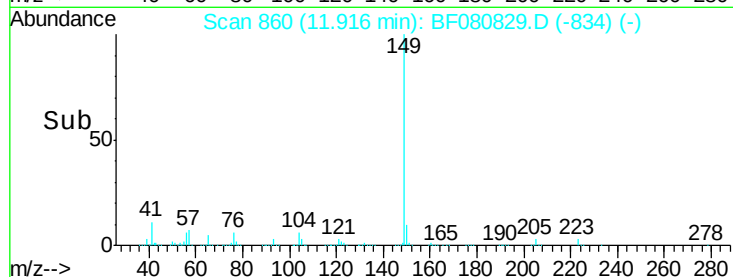
104 5.6 4.6 6.8



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: 33.69 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

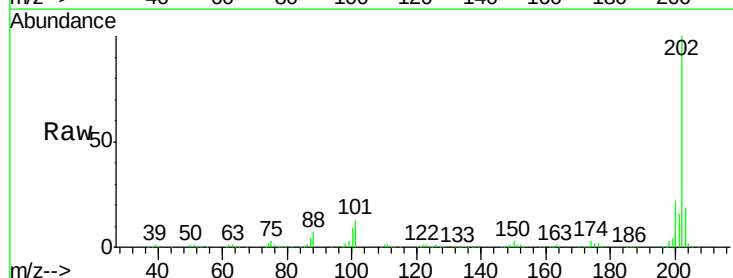
Tgt Ion:202 Resp: 1179210

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.0

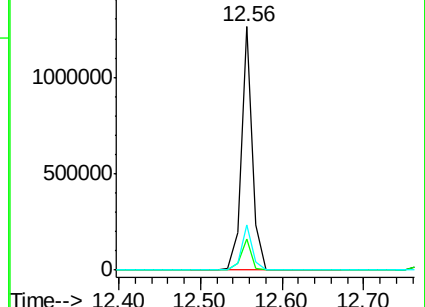
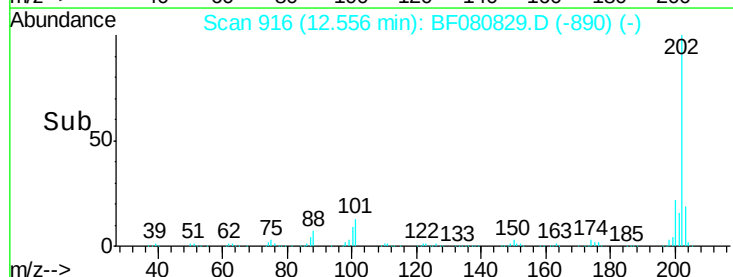
203 18.6 0.0 38.1

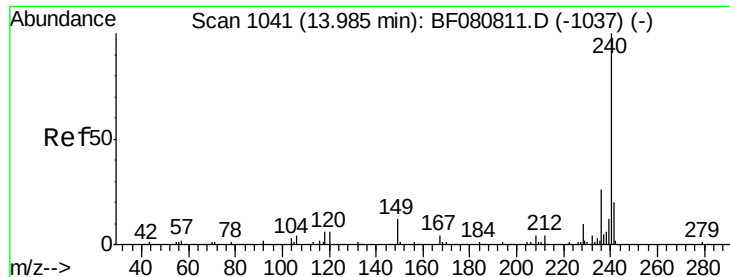


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

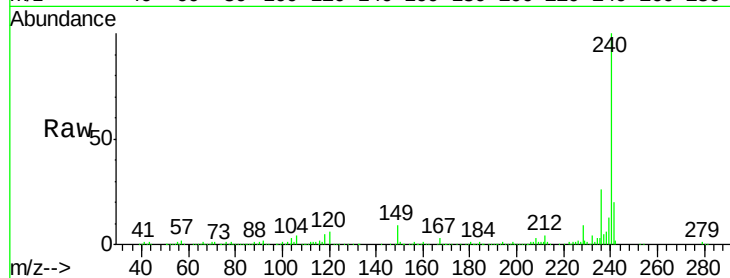
Tot Ion:240 Resp: 393740

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.4

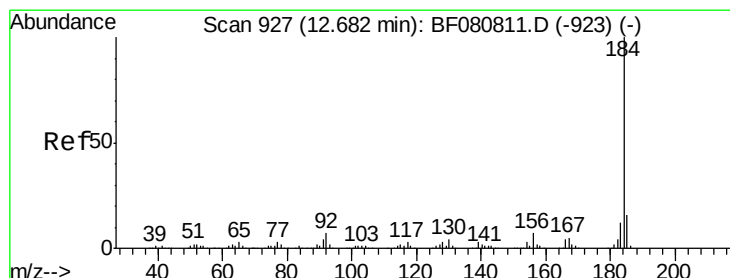
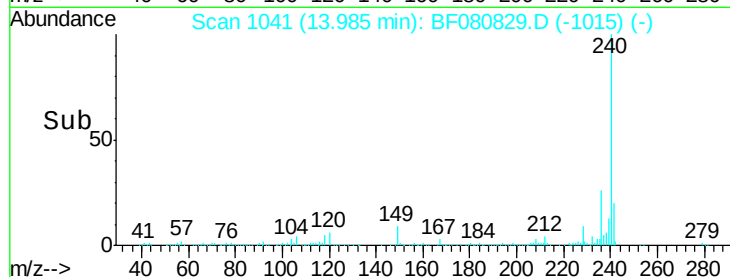
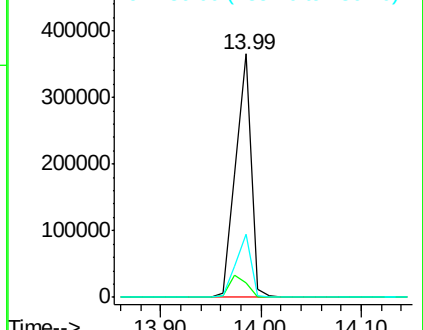
236 25.9 20.8 31.2



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: 20.53 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

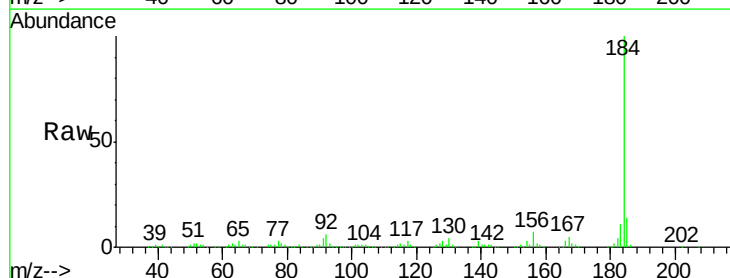
Tgt Ion:184 Resp: 329800

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

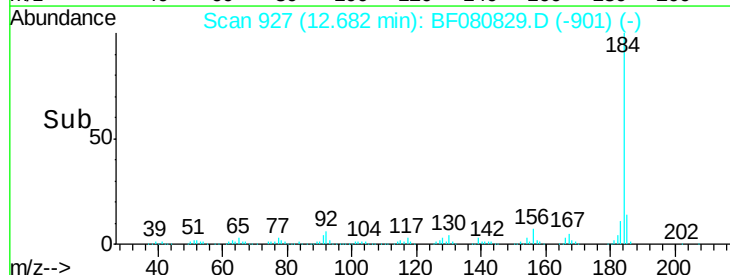
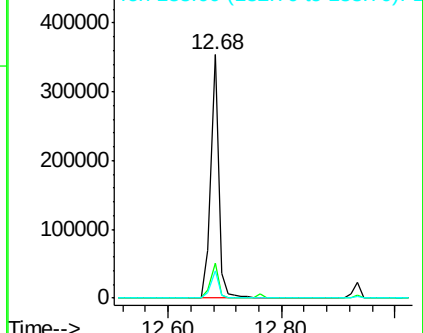
183 11.2 9.3 13.9

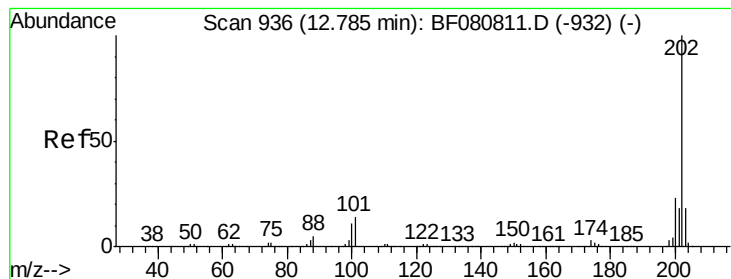


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.40 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

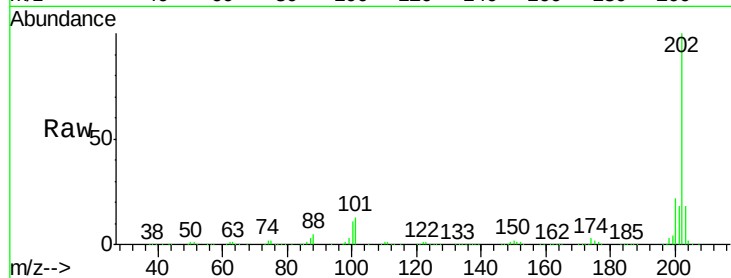
Tot Ion:202 Resp: 1237355

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.4

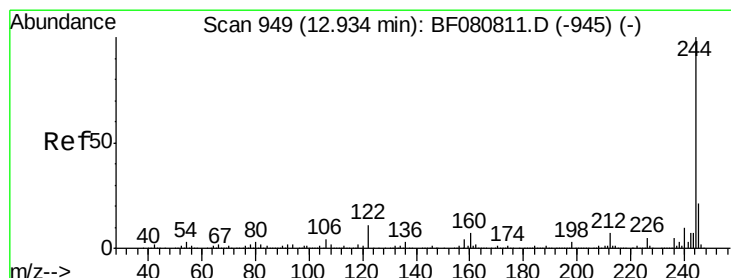
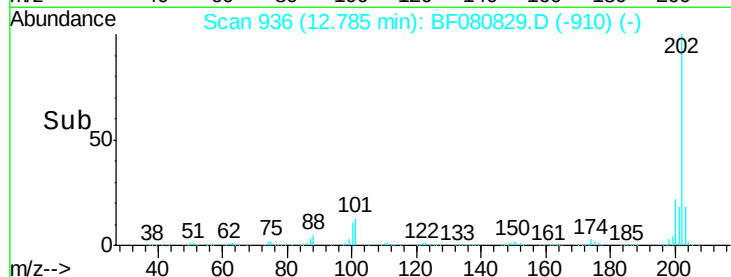
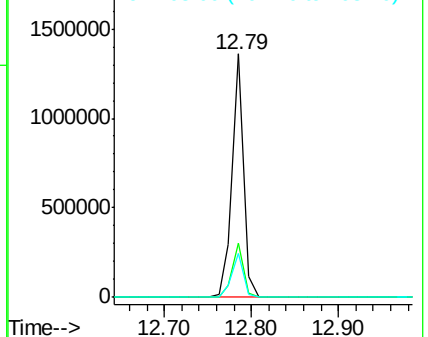
203 18.0 14.8 22.2



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: 72.45 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

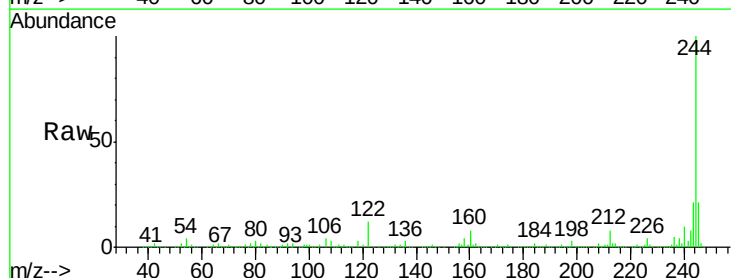
Tgt Ion:244 Resp: 1431481

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

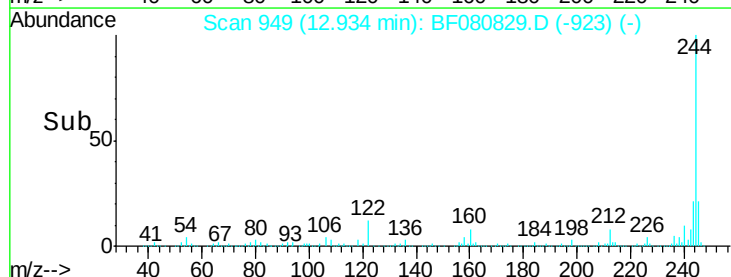
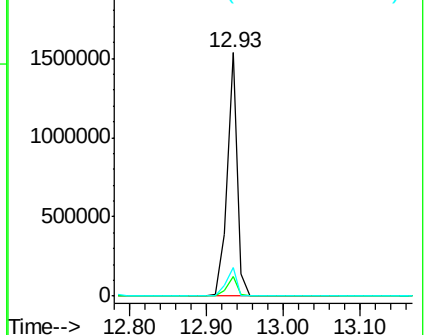
122 11.9 9.1 13.7

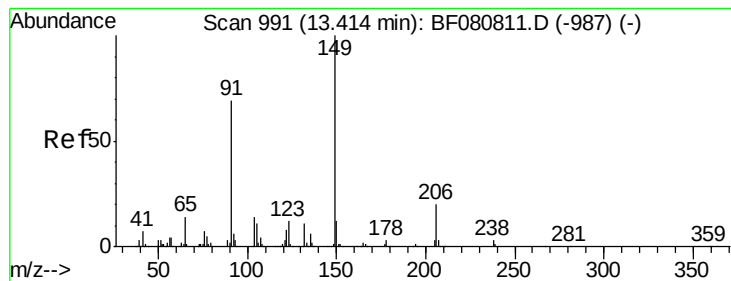


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.15 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

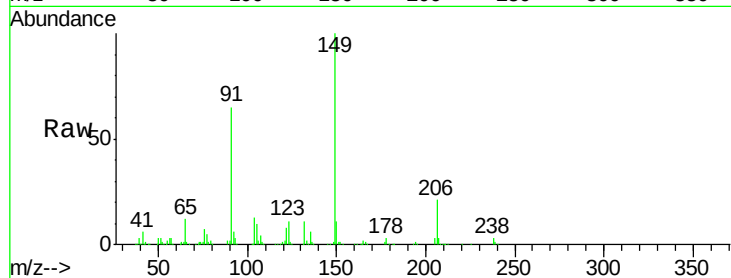
Tot Ion:149 Resp: 530465

Ion Ratio Lower Upper

149 100

91 65.2 55.4 83.2

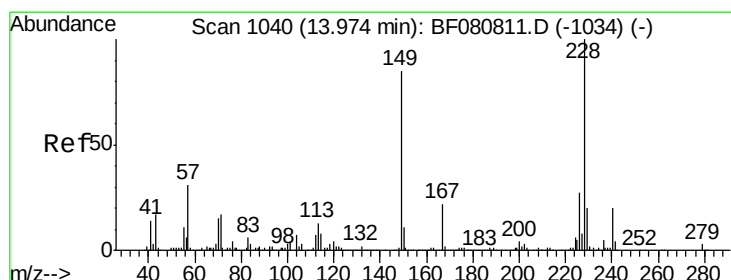
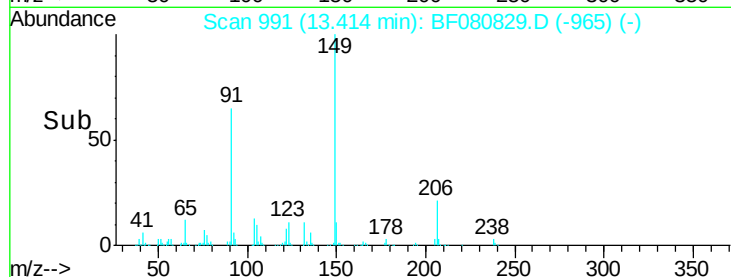
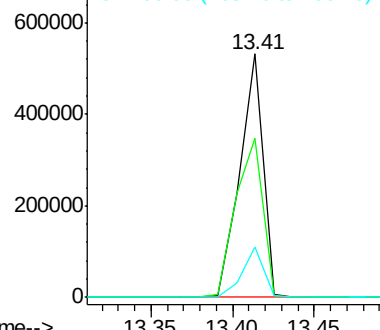
206 20.8 15.8 23.6



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: 38.17 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

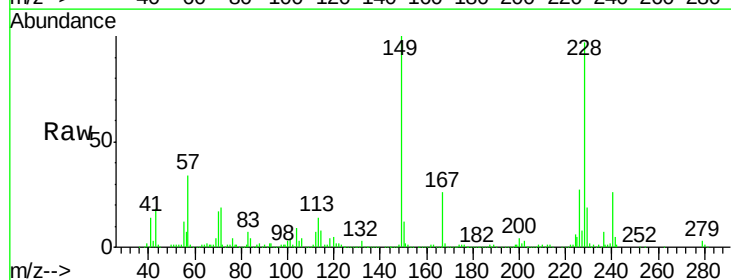
Tgt Ion:228 Resp: 858130

Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

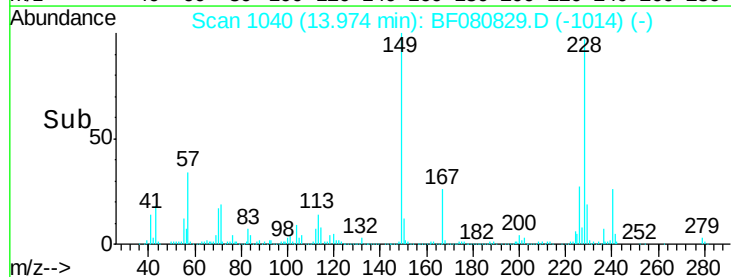
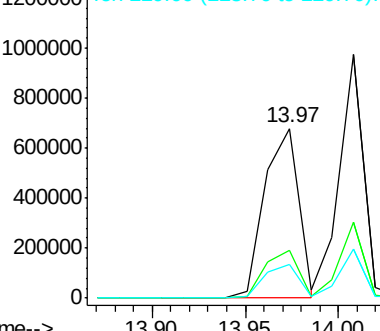
229 20.0 15.7 23.5

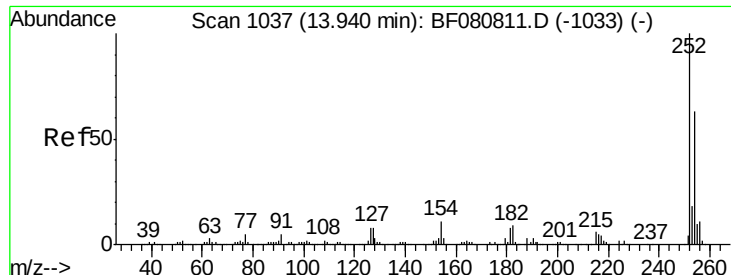


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

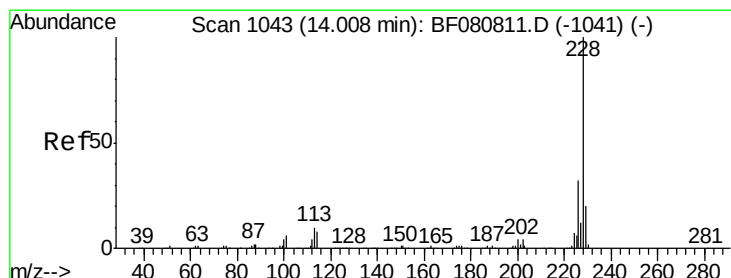
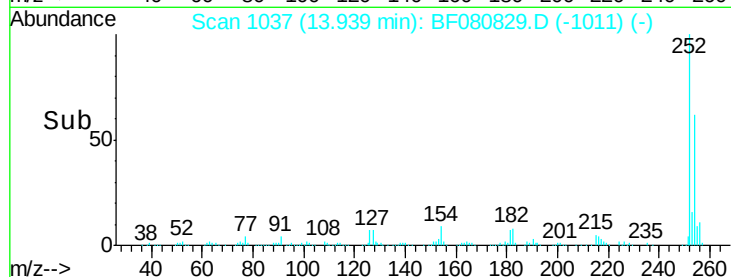
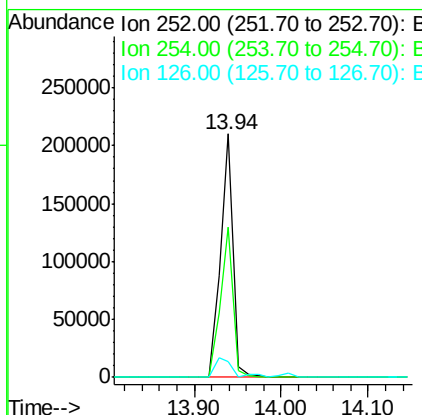
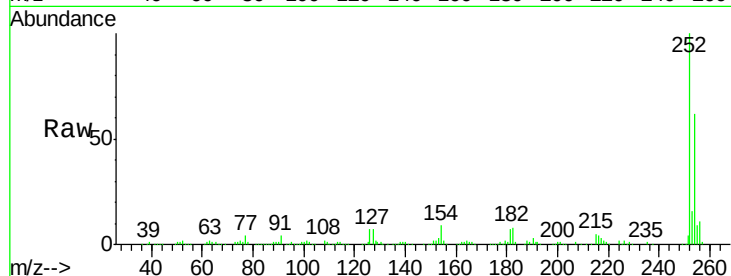




#81
 3,3'-Dichlorobenzidine
 Concen: 27.02 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

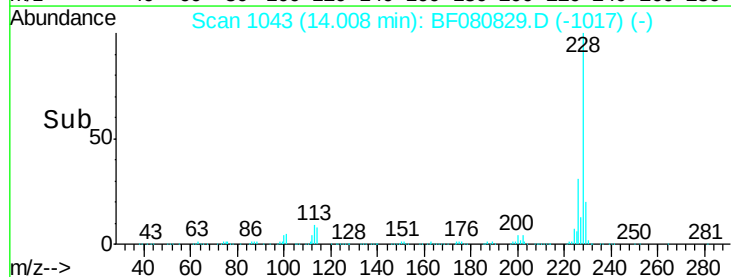
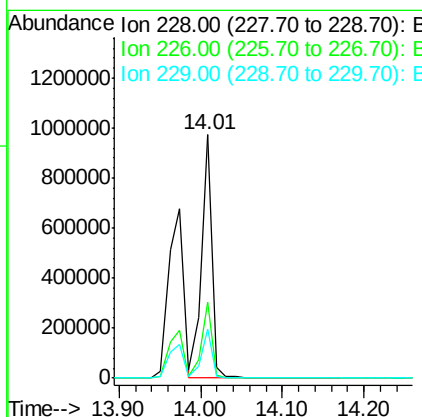
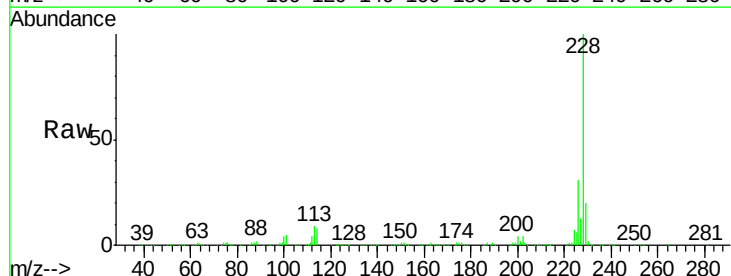
Instrument :
 BNA_F
 ClientSampled :
 PB84659BS

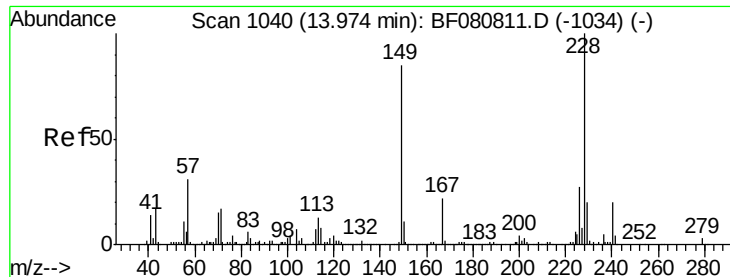
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.6	50.1	75.1
126	6.7	6.2	9.4



#82
 Chrysene
 Concen: 40.24 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.1	24.1

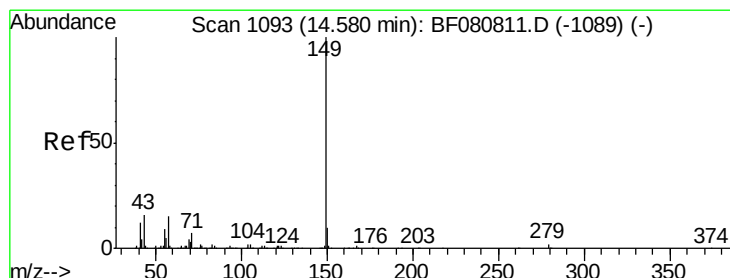
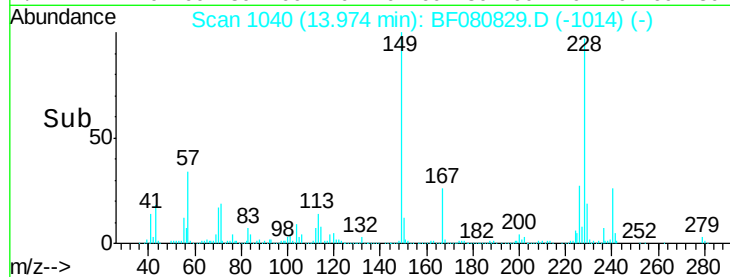
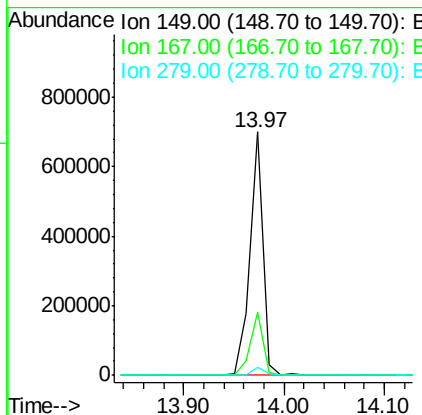
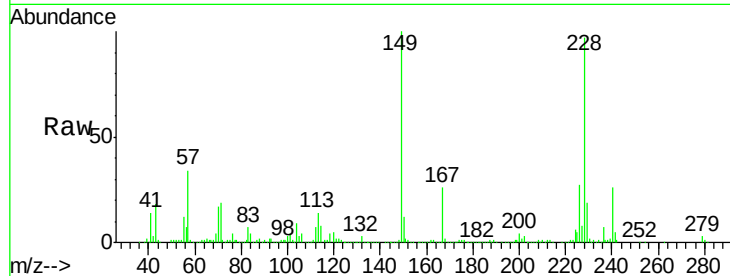




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.57 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

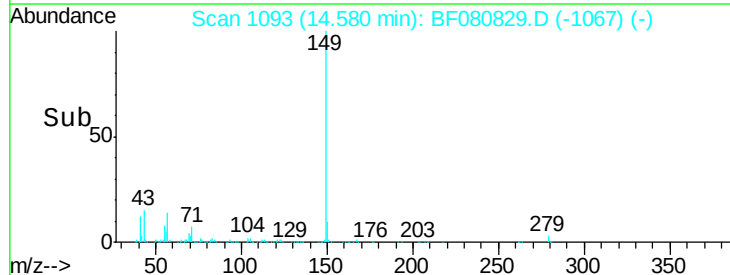
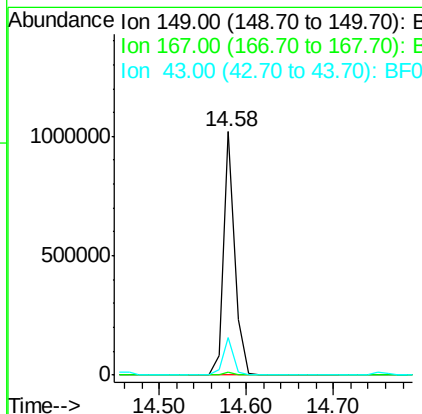
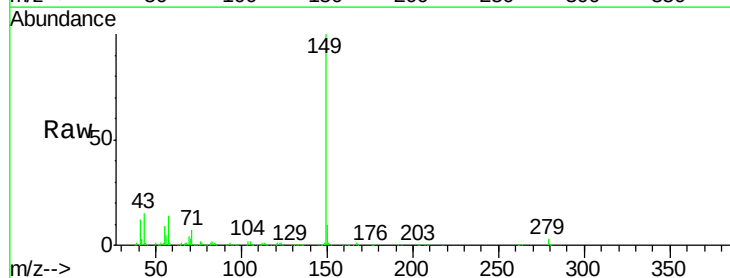
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

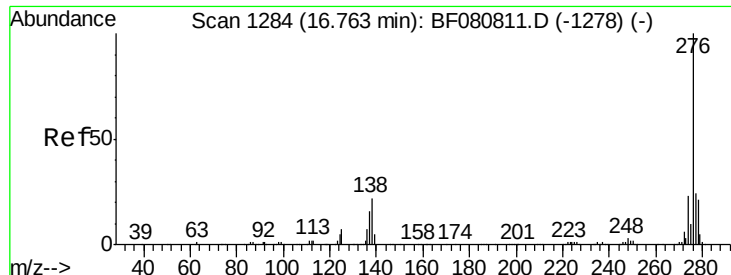
Tot Ion:	149	Resp:	632346
Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.4	30.6
279	3.2	2.4	3.6



#84
 Di-n-octyl phthalate
 Concen: 41.29 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:	149	Resp:	926511
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.5	11.8	17.8

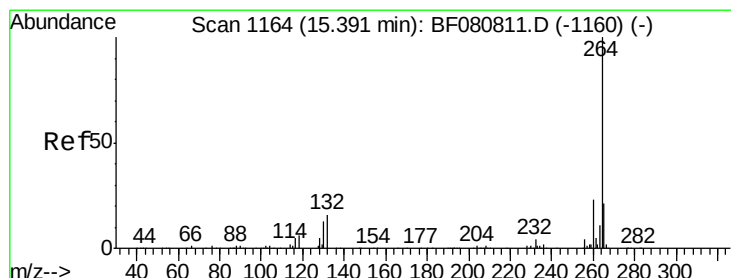
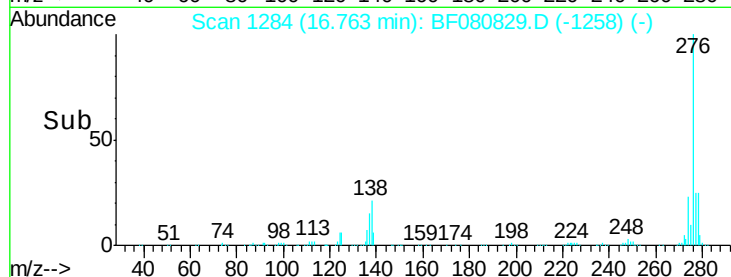
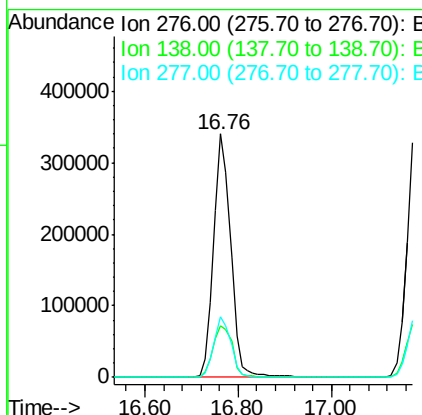
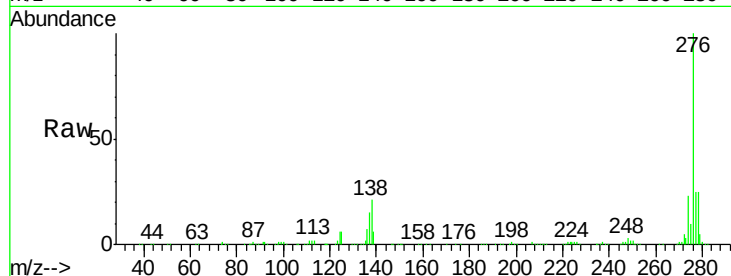




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.74 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

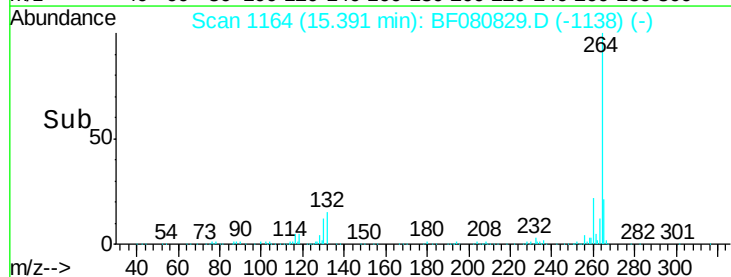
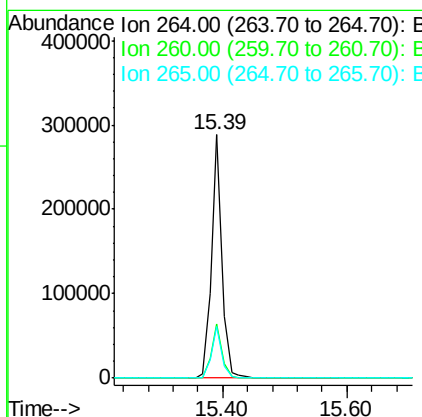
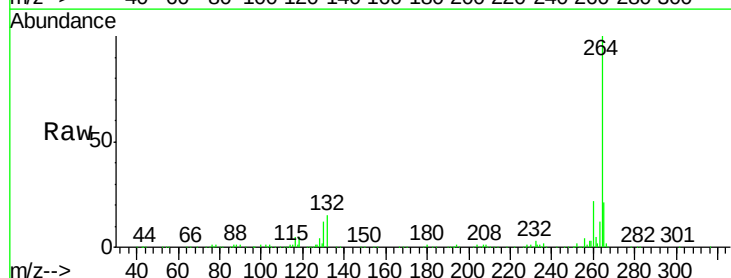
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

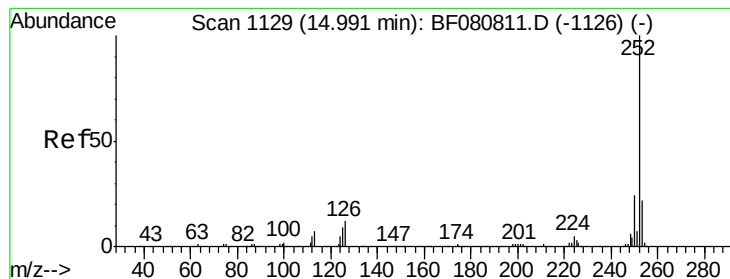
Tot Ion:276 Resp: 876572
 Ion Ratio Lower Upper
 276 100
 138 24.0 18.6 27.8
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080829.D
 Acq: 4 Aug 2015 7:41

Tgt Ion:264 Resp: 333177
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 21.0 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 71.13 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

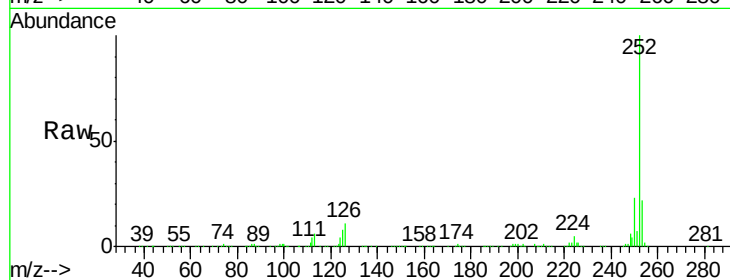
Tot Ion:252 Resp: 1387335

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

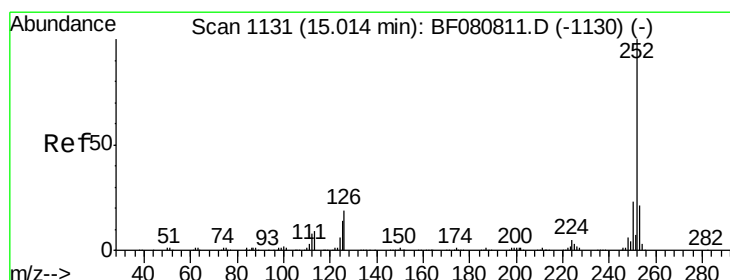
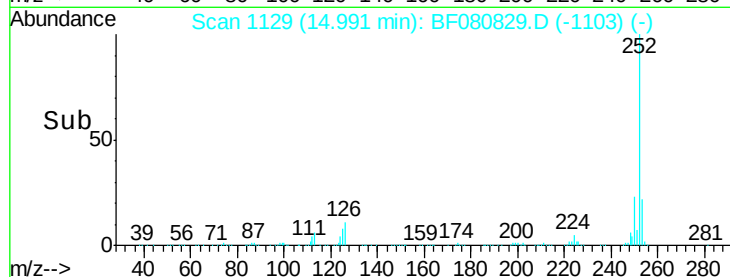
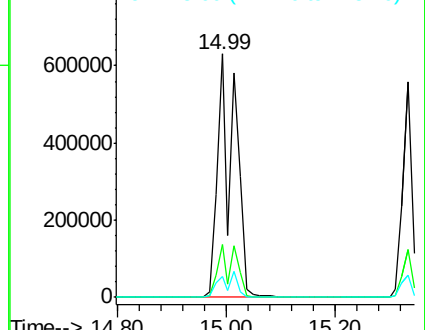
125 8.4 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 81.63 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

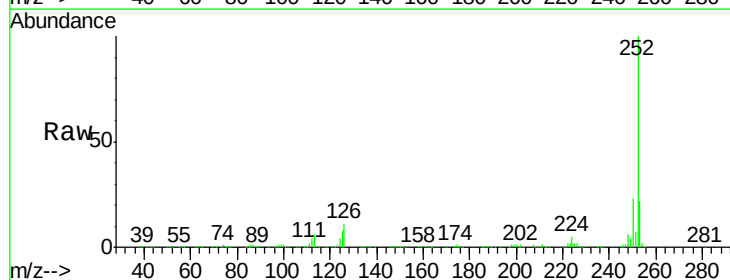
Tgt Ion:252 Resp: 1387335

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

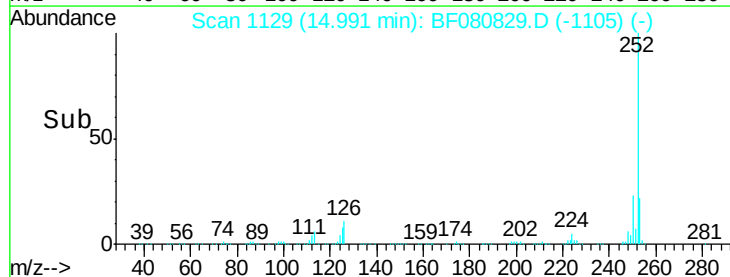
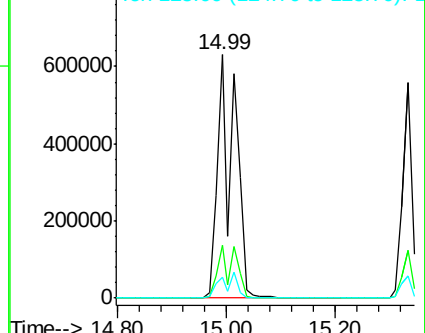
125 8.4 9.9 14.9#

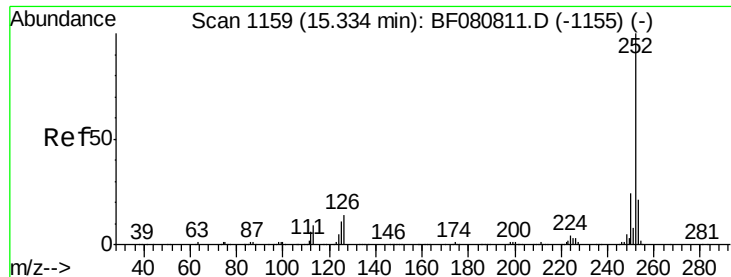


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

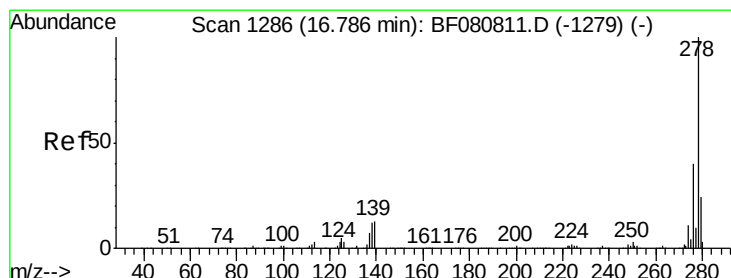
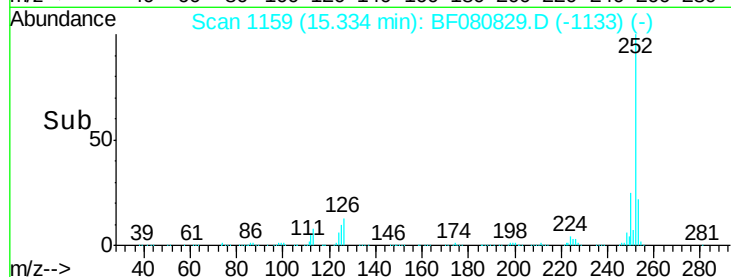
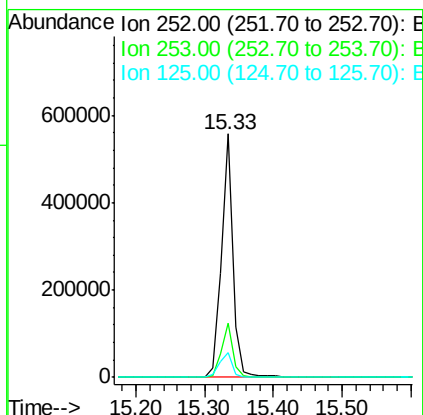
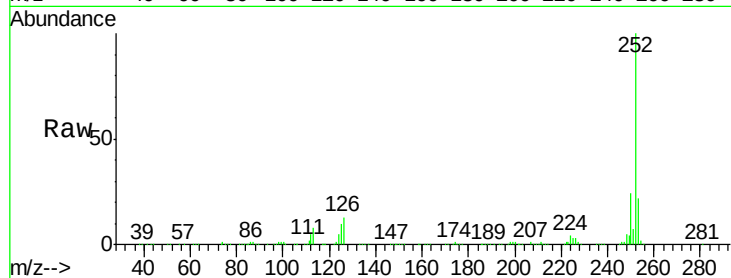




#89
Benzo(a)pyrene
Concen: 39.91 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

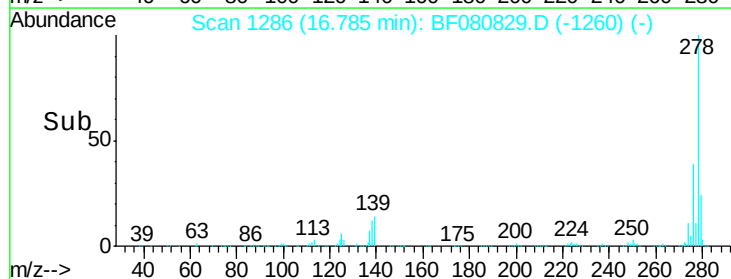
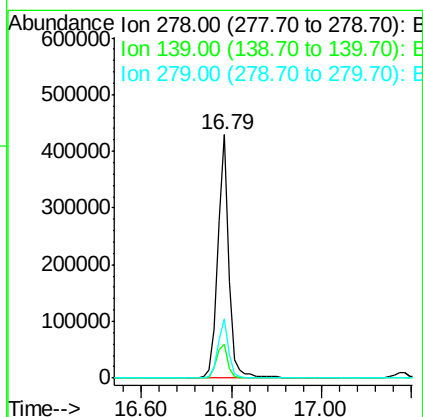
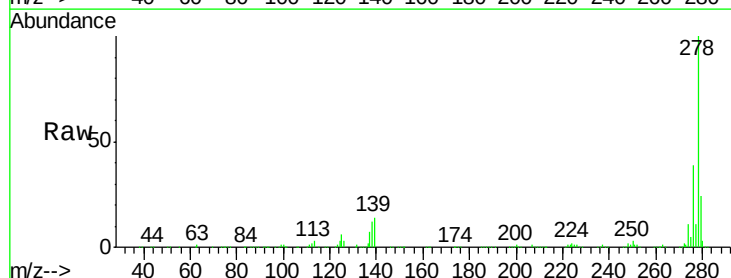
Instrument :
BNA_F
ClientSampleId :
PB84659BS

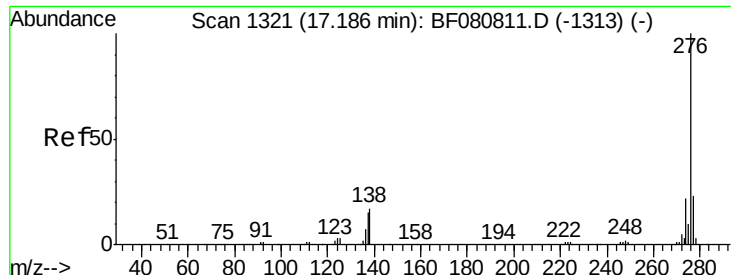
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.1	8.9	13.3



#90
Dibenzo(a,h)anthracene
Concen: 45.45 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080829.D
Acq: 4 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.7	16.1
279	24.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 45.38 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF080829.D

Acq: 4 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

PB84659BS

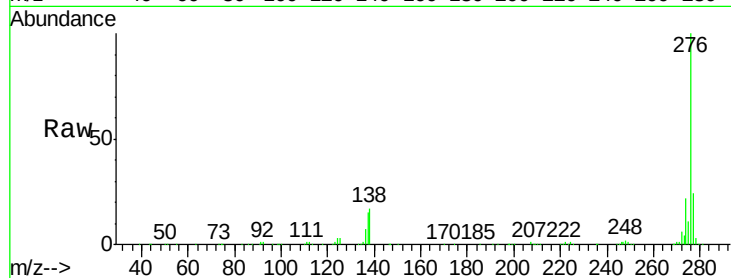
Tot Ion: 276 Resp: 762348

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 16.9 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

