

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080937.D
 Acq On : 7 Aug 2015 20:29
 Operator : TP/UM
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:02:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	53614	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	221366	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	111237	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	216850	20.00	ng	0.00
75) Chrysene-d12	13.96	240	160080	20.00	ng	0.00
86) Perylene-d12	15.36	264	138757	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	280231	85.40	ng	0.01
7) Phenol-d6	6.44	99	382341	85.03	ng	0.00
23) Nitrobenzene-d5	7.38	82	384900	82.25	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	102155	83.59	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	587461	74.35	ng	0.00
78) Terphenyl-d14	12.91	244	692550	89.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	63441	40.76	ng	99
3) Pyridine	3.02	79	194589	44.09	ng	96
4) n-Nitrosodimethylamine	2.98	42	96967	43.04	ng	97
6) Aniline	6.46	93	262456	39.73	ng	99
8) 2-Chlorophenol	6.59	128	163357	43.02	ng	98
9) Benzaldehyde	6.35	77	125000	41.24	ng	100
10) Phenol	6.45	94	242760	45.50	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	153474	38.53	ng	99
12) 1,3-Dichlorobenzene	6.75	146	172644	42.84	ng	98
13) 1,4-Dichlorobenzene	6.83	146	167042	39.89	ng	100
14) 1,2-Dichlorobenzene	6.98	146	162570	42.95	ng	99
15) Benzyl Alcohol	6.96	79	146823	39.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	314337	39.22	ng	98
17) 2-Methylphenol	7.07	107	134120	41.38	ng	98
18) Hexachloroethane	7.32	117	64979	40.50	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	133827	40.72	ng	99
20) 3+4-Methylphenols	7.22	107	158161	38.85	ng	97
22) Acetophenone	7.22	105	208282	38.40	ng	99
24) Nitrobenzene	7.39	77	173198	35.94	ng	99
25) Isophorone	7.64	82	366180	40.69	ng	99
26) 2-Nitrophenol	7.71	139	81893	40.39	ng	95
27) 2,4-Dimethylphenol	7.76	122	162590	42.83	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	190815	35.32	ng	98
29) 2,4-Dichlorophenol	7.95	162	124761	40.00	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	139652	40.96	ng	99
31) Naphthalene	8.12	128	500898	41.05	ng	99
32) Benzoic acid	7.87	122	100208	44.10	ng	91
33) 4-Chloroaniline	8.17	127	206371	41.62	ng	99
34) Hexachlorobutadiene	8.24	225	77027	37.97	ng	97
35) Caprolactam	8.54	113	47027	41.91	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	148991	39.14	ng	96
37) 2-Methylnaphthalene	8.81	142	311134	40.06	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136419	39.78	ng	99
40) Hexachlorocyclopentadiene	8.97	237	69689	37.24	ng	98

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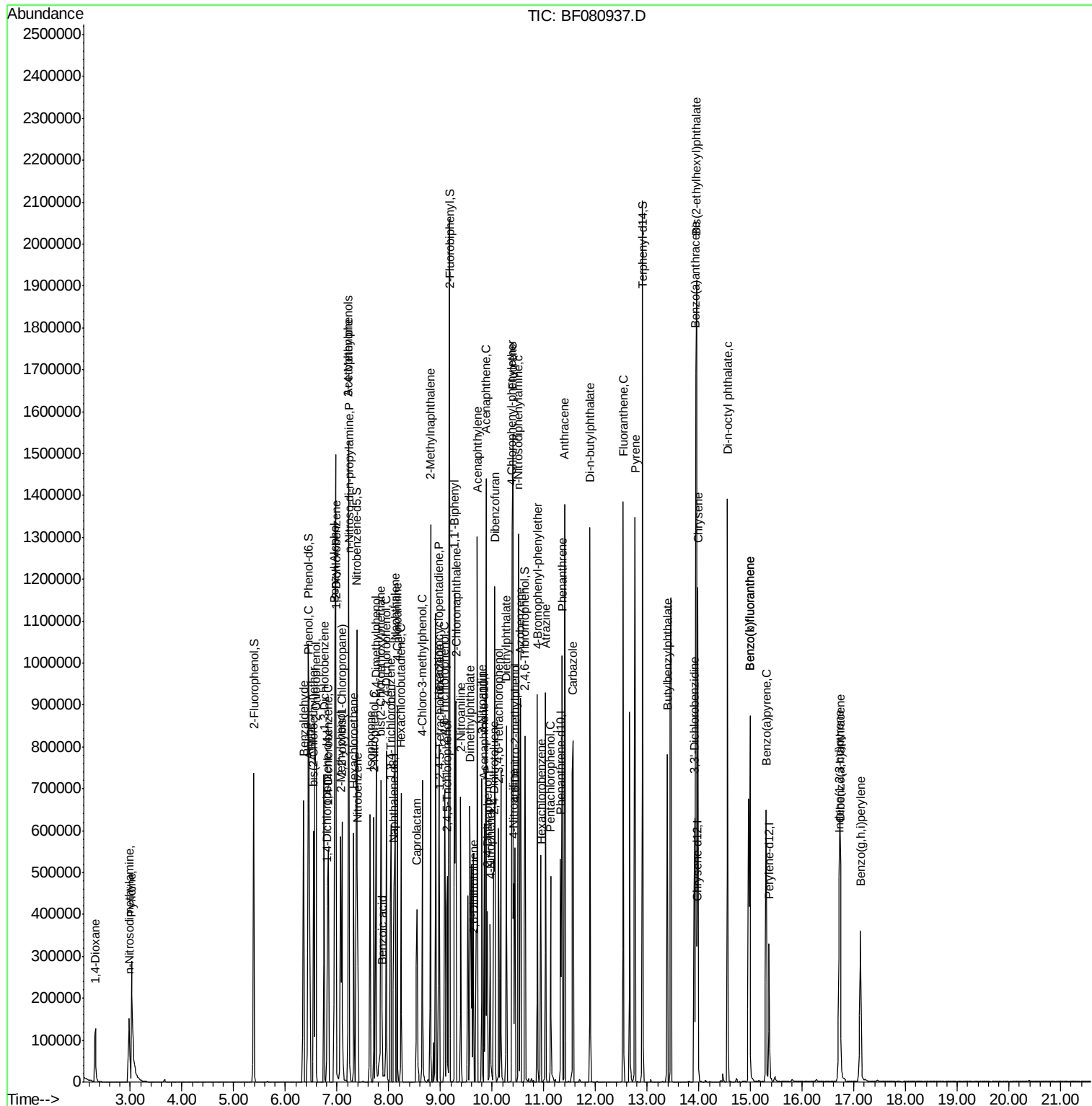
Instrument :
 BNA_F
 ClientSampleId :

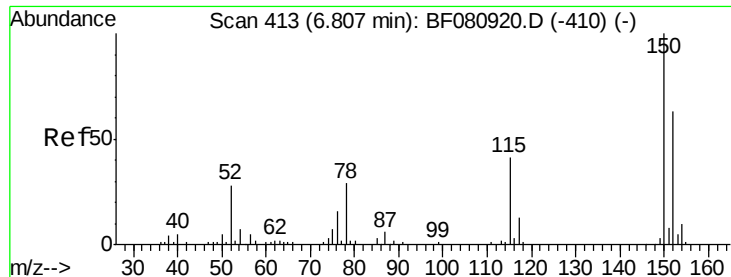
Quant Time: Aug 08 02:02:05 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	89249	35.51	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	106275	41.96	nq	96
45) 1,1'-Biphenyl	9.28	154	390632	40.92	nq	99
46) 2-Chloronaphthalene	9.30	162	307002	41.25	nq	99
47) 2-Nitroaniline	9.39	65	122384	41.01	nq	98
48) Acenaphthylene	9.71	152	524691	40.55	nq	100
49) Dimethylphthalate	9.57	163	338562	36.64	nq	99
50) 2,6-Dinitrotoluene	9.64	165	73622	38.57	nq	# 40
51) Acenaphthene	9.88	154	313805	39.60	nq	99
52) 3-Nitroaniline	9.80	138	87391	37.13	nq	95
53) 2,4-Dinitrophenol	9.90	184	43270	40.59	nq	98
54) Dibenzofuran	10.05	168	433957	40.50	nq	100
55) 4-Nitrophenol	9.96	139	76958	43.69	nq	88
56) 2,4-Dinitrotoluene	10.03	165	102592	40.16	nq	99
57) Fluorene	10.40	166	358309	43.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	77289	38.56	nq	99
59) Diethylphthalate	10.27	149	367448	38.20	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	140254	34.72	nq	98
61) 4-Nitroaniline	10.42	138	106313	43.90	nq	90
62) Azobenzene	10.54	77	405258	37.68	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	56290	41.89	nq	86
65) n-Nitrosodiphenylamine	10.51	169	326006	43.27	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	92708	40.36	nq	99
67) Hexachlorobenzene	10.94	284	105021	41.13	nq	99
68) Atrazine	11.04	200	89352	40.45	nq	99
69) Pentachlorophenol	11.13	266	59155	39.84	nq	95
70) Phenanthrene	11.36	178	513304	41.80	nq	99
71) Anthracene	11.40	178	473960	38.99	nq	100
72) Carbazole	11.56	167	485984	41.06	nq	100
73) Di-n-butylphthalate	11.89	149	600030	40.54	nq	100
74) Fluoranthene	12.53	202	531414	40.03	nq	99
76) Benzidine	12.66	184	313929	Below	Cal	98
77) Pyrene	12.76	202	559787	47.34	nq	99
79) Butylbenzylphthalate	13.39	149	274780	48.20	nq	98
80) Benzo(a)anthracene	13.94	228	432102	42.73	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	179272	48.74	nq	98
82) Chrysene	13.99	228	452608	46.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	377559	47.60	nq	100
84) Di-n-octyl phthalate	14.56	149	664084	49.38	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	394884	42.86	nq	100
87) Benzo(b)fluoranthene	14.99	252	747910	77.51	nq	99
88) Benzo(k)fluoranthene	14.99	252	747919	88.61	nq	# 98
89) Benzo(a)pyrene	15.30	252	324757	39.16	nq	# 94
90) Dibenzo(a,h)anthracene	16.74	278	326405	44.50	nq	98
91) Benzo(g,h,i)perylene	17.13	276	323361	45.33	nq	98

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

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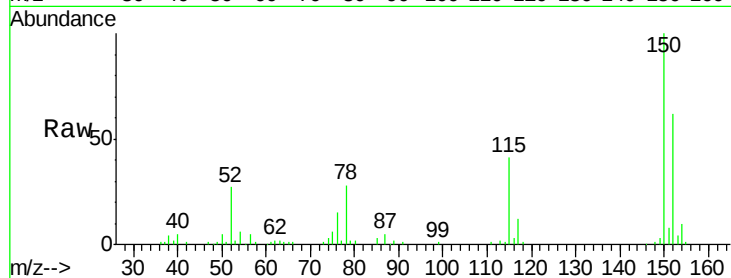


#1

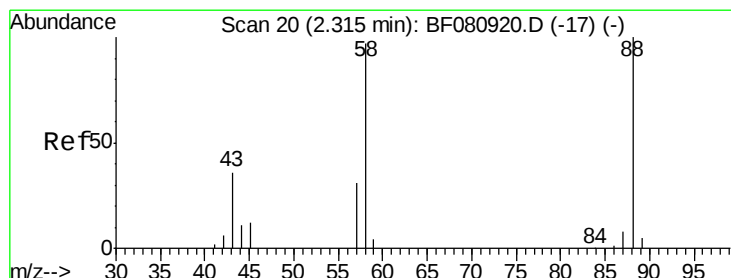
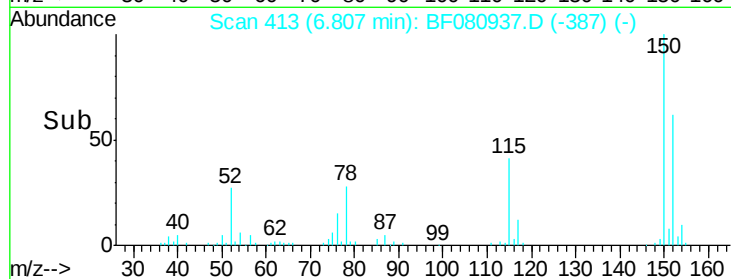
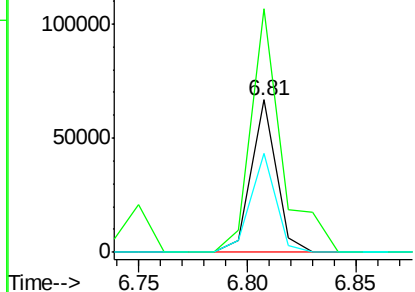
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53614
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.2
115 64.9 52.6 78.8



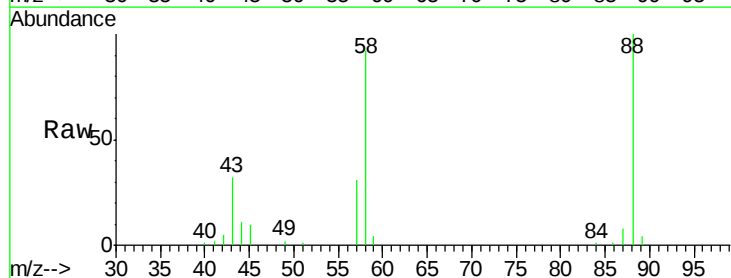
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



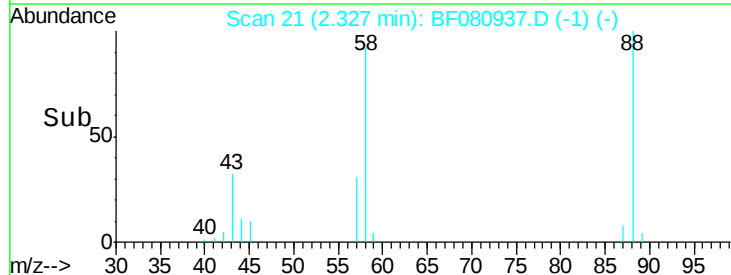
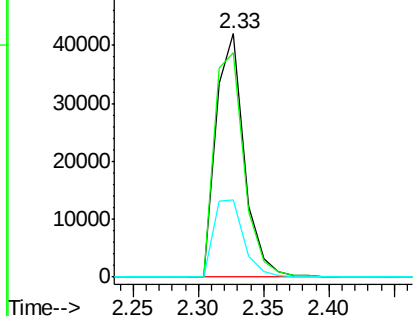
#2

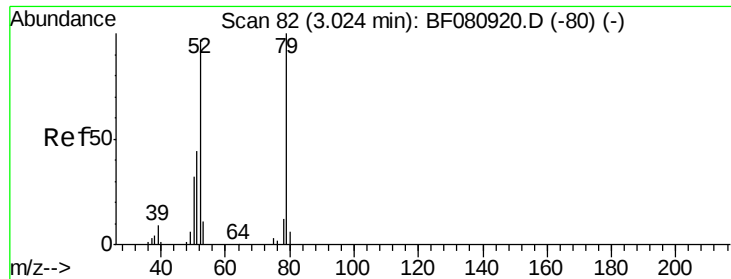
1,4-Dioxane
Concen: 40.76 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion: 88 Resp: 63441
Ion Ratio Lower Upper
88 100
58 98.0 79.3 118.9
43 34.2 28.3 42.5



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: 44.09 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

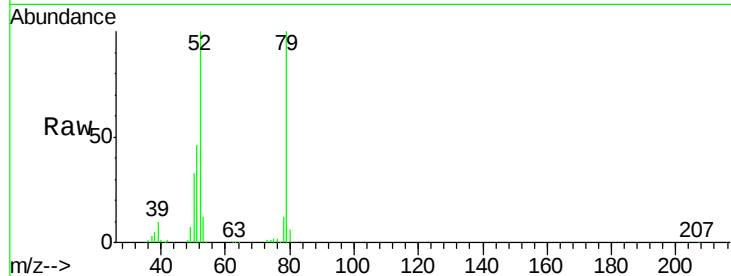
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 194589

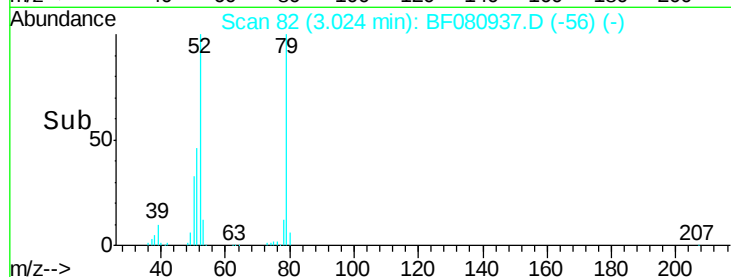
Ion	Ratio	Lower	Upper
79	100		
52	100.3	77.2	115.8
51	46.5	35.0	52.4



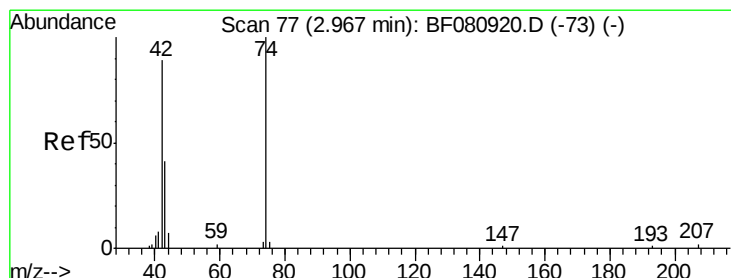
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 43.04 ng

RT: 2.98 min Scan# 78

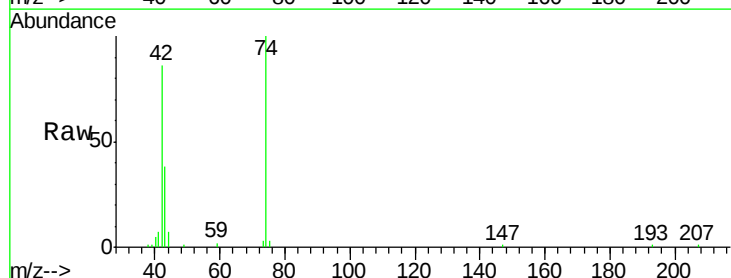
Delta R.T. 0.01 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion: 42 Resp: 96967

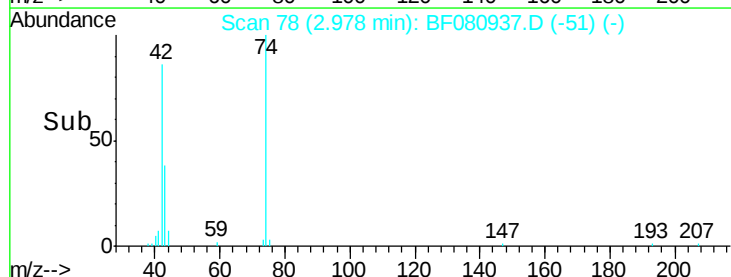
Ion	Ratio	Lower	Upper
42	100		
74	116.1	89.8	134.8
44	7.9	6.5	9.7



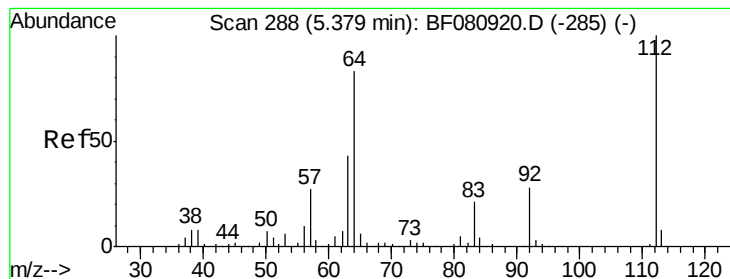
Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time-->



#5

2-Fluorophenol

Concen: 85.40 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080937.D

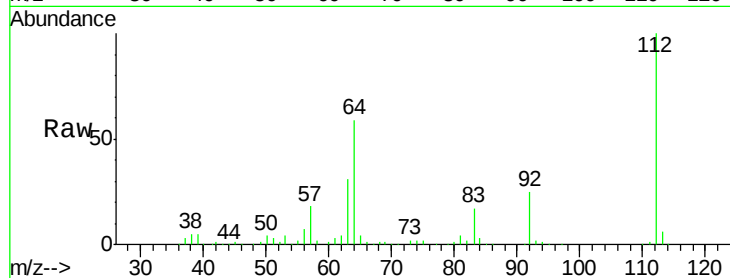
Acq: 7 Aug 2015 20:29

Instrument :

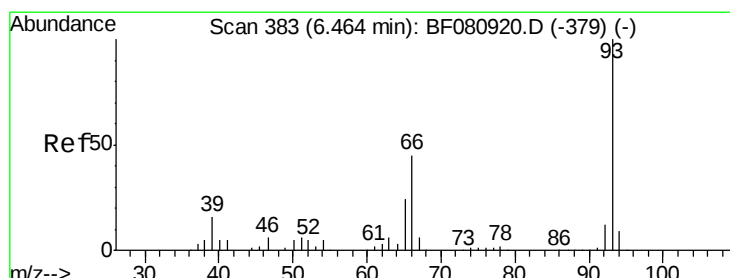
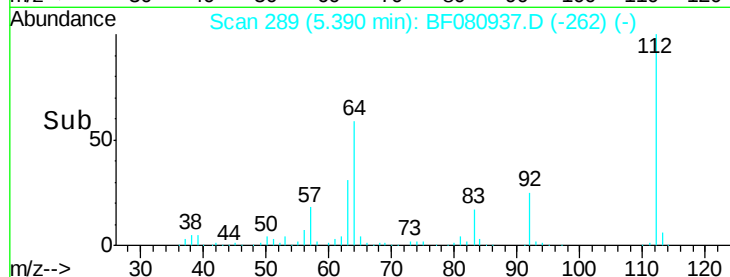
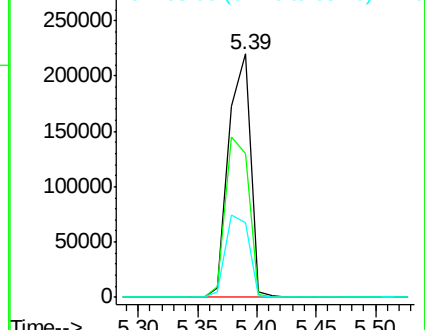
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	280231
Ion Ratio	Lower	Upper	
112	100		
64	59.0	66.1	99.1#
63	30.9	34.6	52.0#



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 39.73 ng

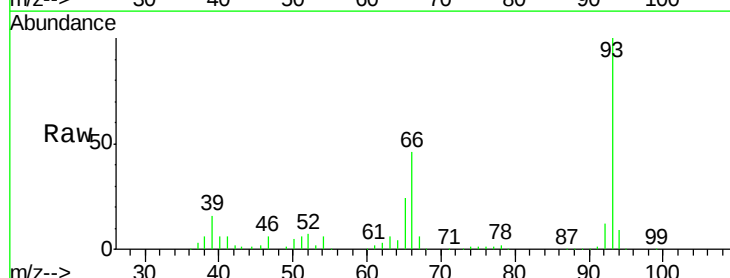
RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

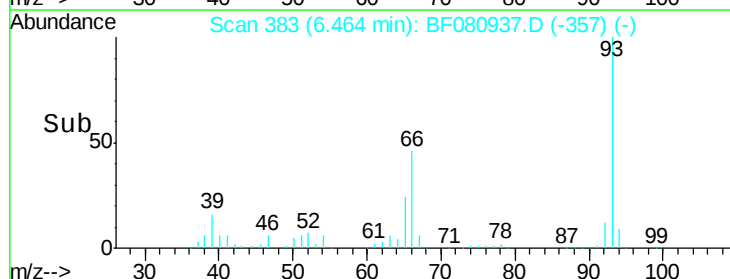
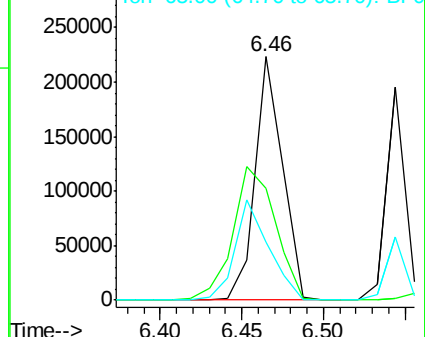
Lab File: BF080937.D

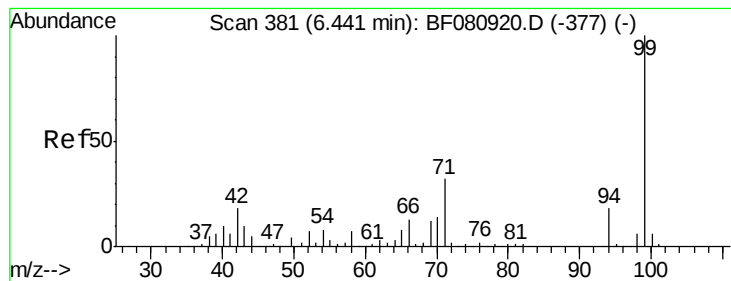
Acq: 7 Aug 2015 20:29

Tgt Ion:	93	Resp:	262456
Ion Ratio	Lower	Upper	
93	100		
66	46.0	36.2	54.4
65	23.7	19.0	28.4



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 85.03 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

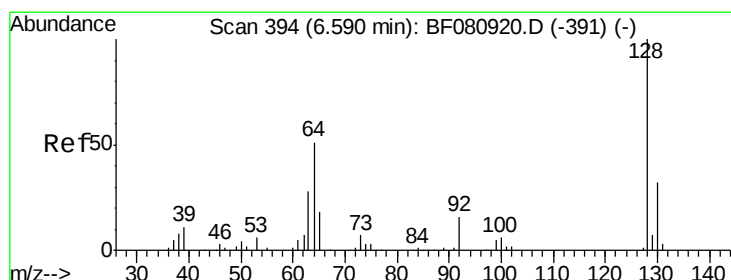
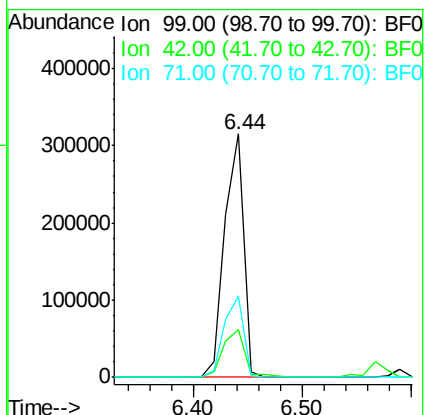
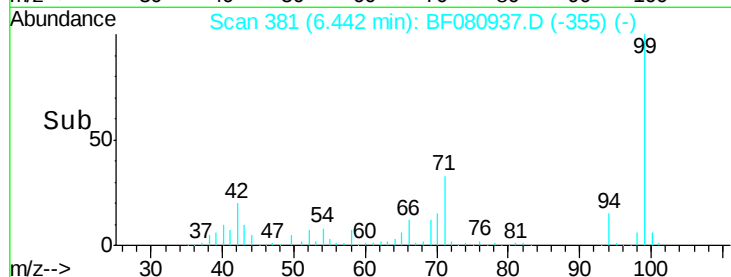
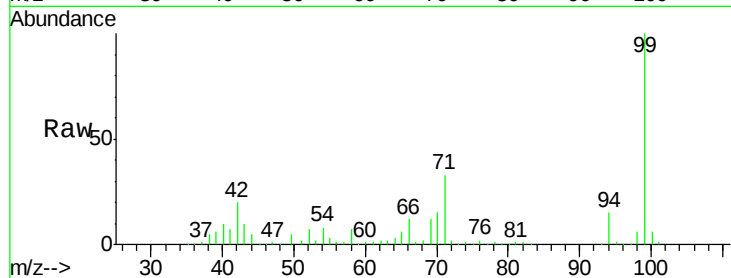
Tot Ion: 99 Resp: 382341

Ion Ratio Lower Upper

99 100

42 19.7 14.4 21.6

71 33.4 25.8 38.8



#8

2-Chlorophenol

Concen: 43.02 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

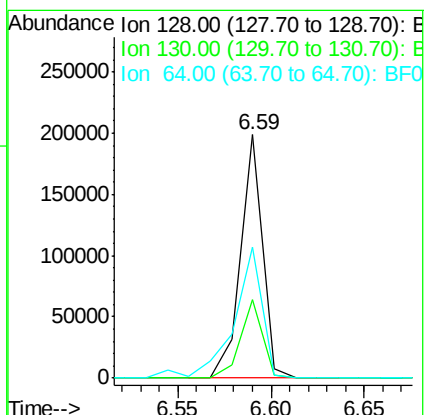
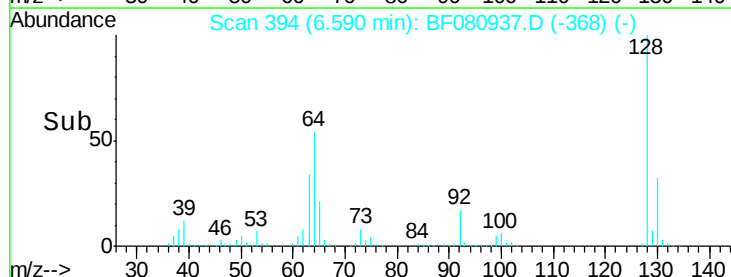
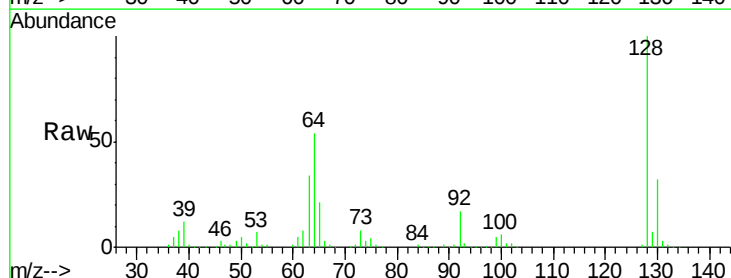
Tgt Ion: 128 Resp: 163357

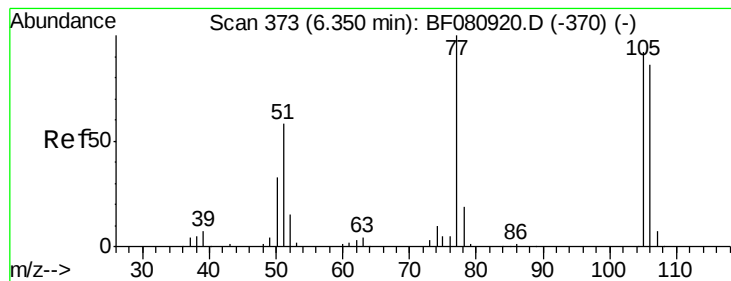
Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

64 53.7 32.1 72.1





#9

Benzaldehyde

Concen: 41.24 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampled :

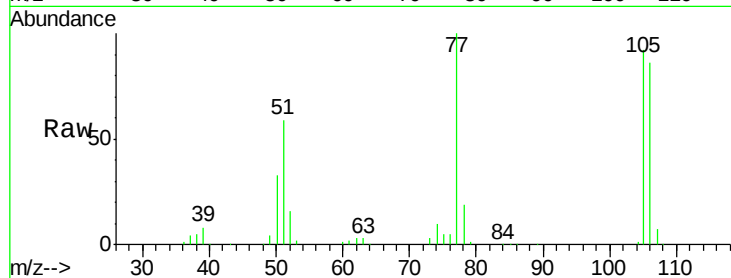
Tot Ion: 77 Resp: 125000

Ion Ratio Lower Upper

77 100

105 91.5 71.6 111.6

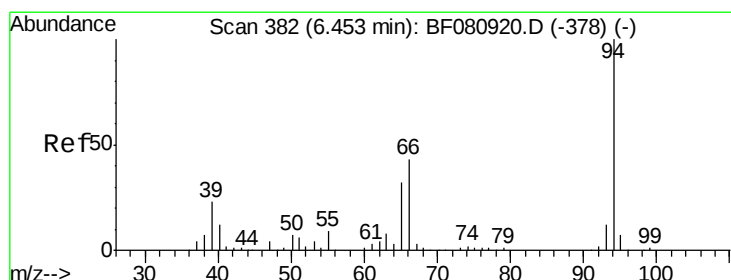
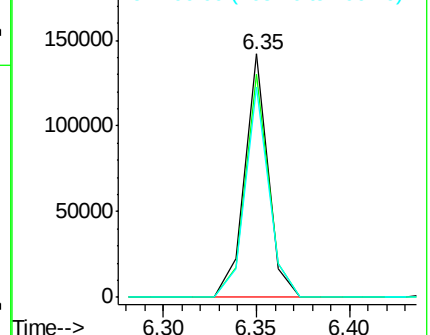
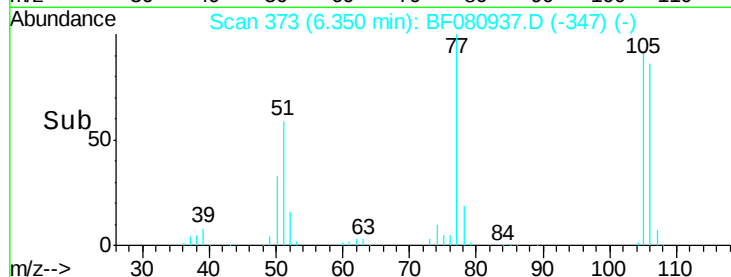
106 86.4 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.50 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

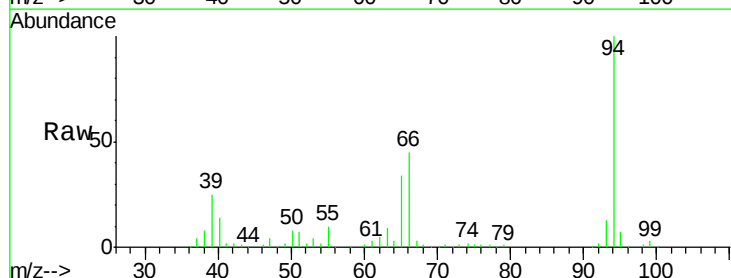
Tgt Ion: 94 Resp: 242760

Ion Ratio Lower Upper

94 100

65 34.0 11.8 51.8

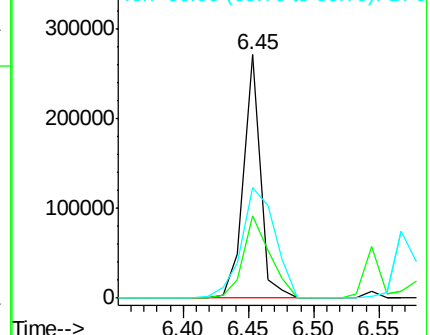
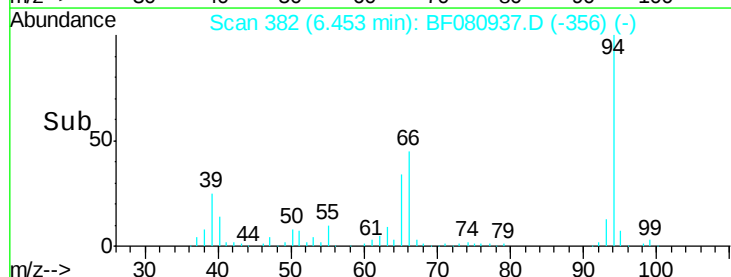
66 45.3 22.9 62.9

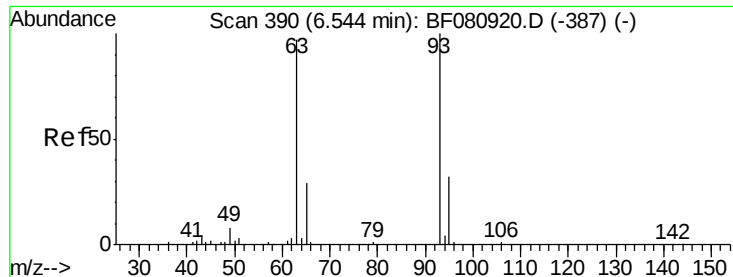


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

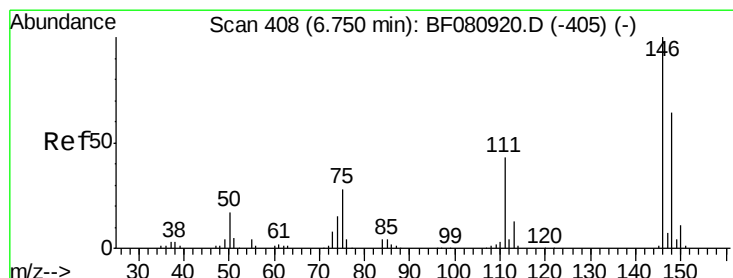
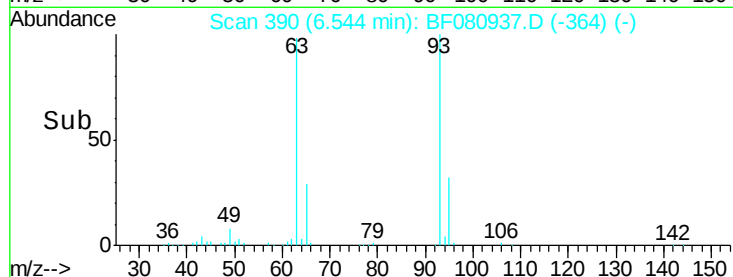
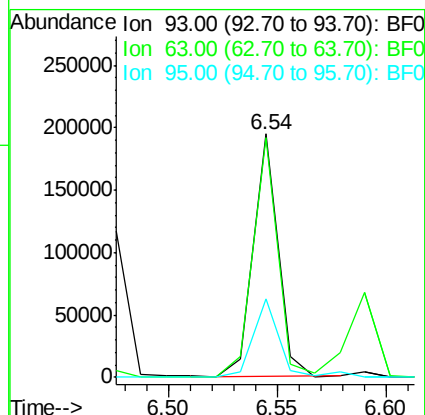
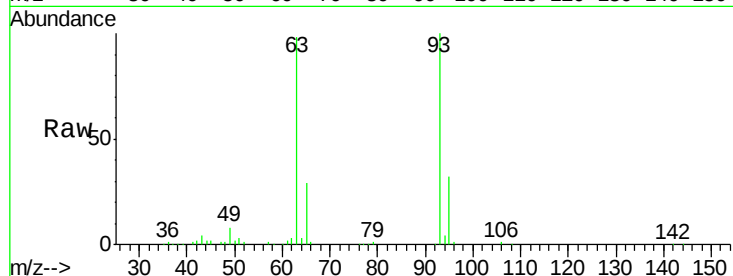




#11
bis(2-Chloroethyl)ether
Concen: 38.53 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

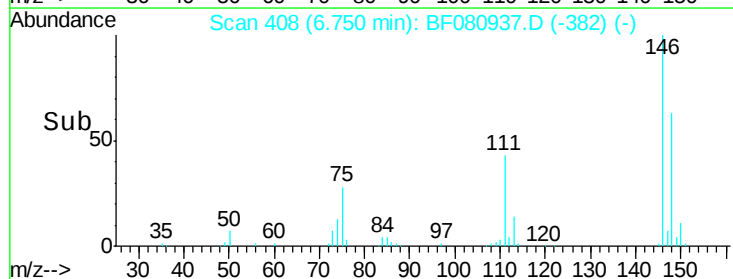
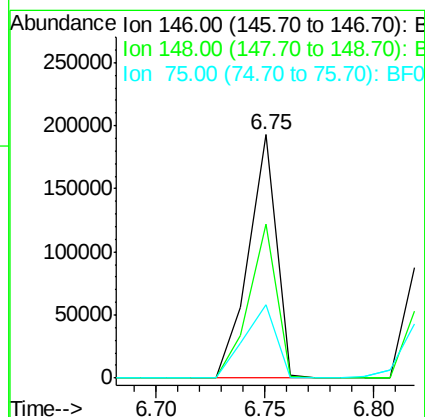
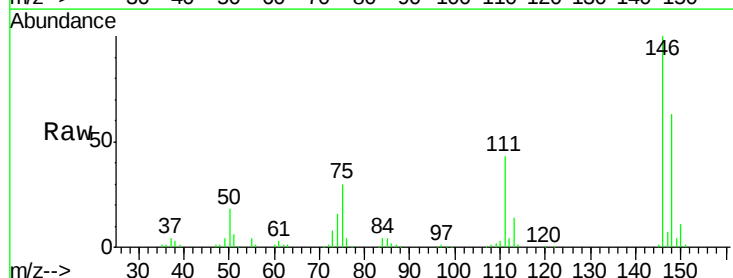
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 153474
Ion Ratio Lower Upper
93 100
63 98.3 76.7 116.7
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.84 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion: 146 Resp: 172644
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 30.1 22.2 33.4

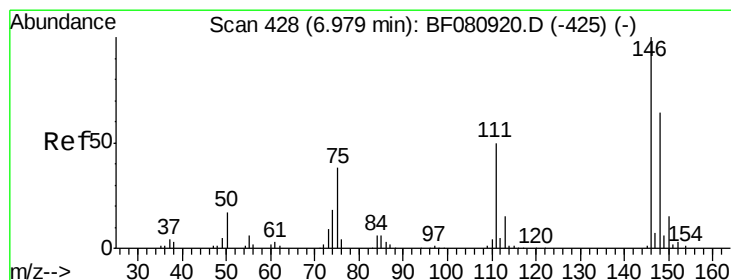
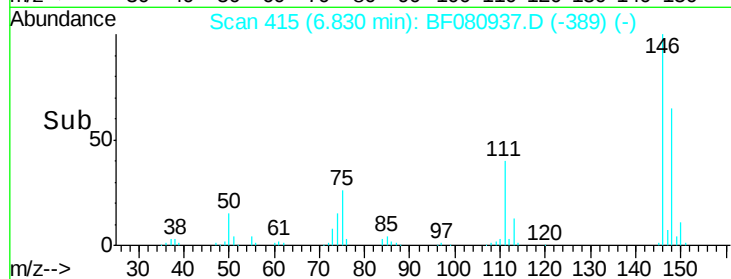
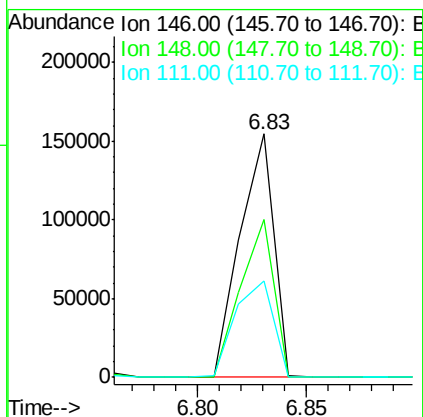
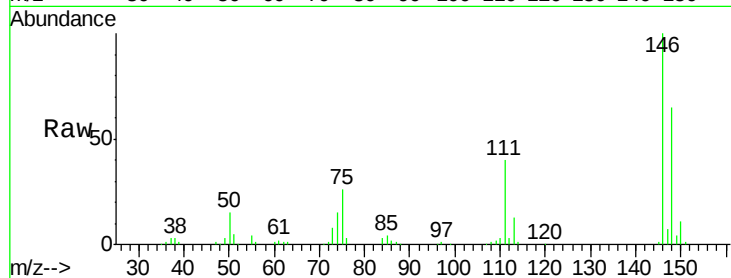




#13
 1,4-Dichlorobenzene
 Concen: 39.89 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

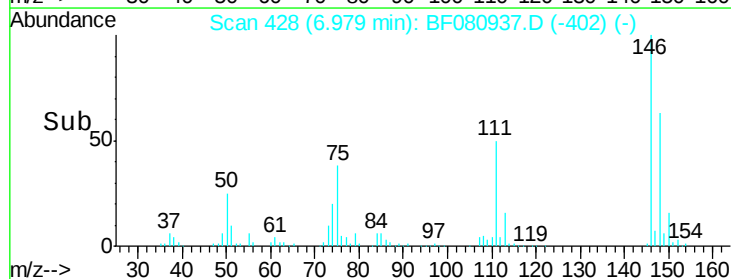
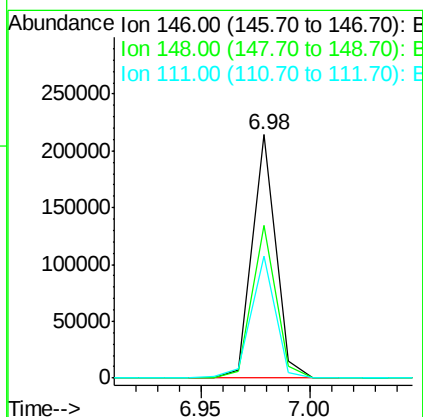
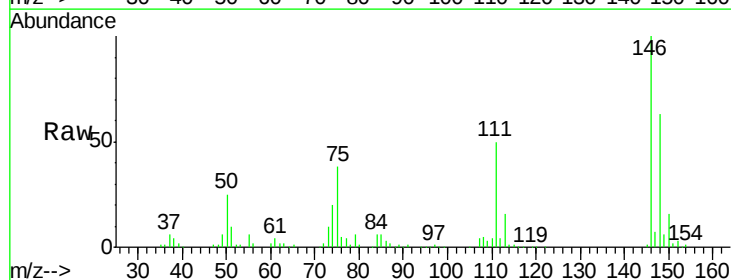
Instrument :
 BNA_F
 ClientSampleId :

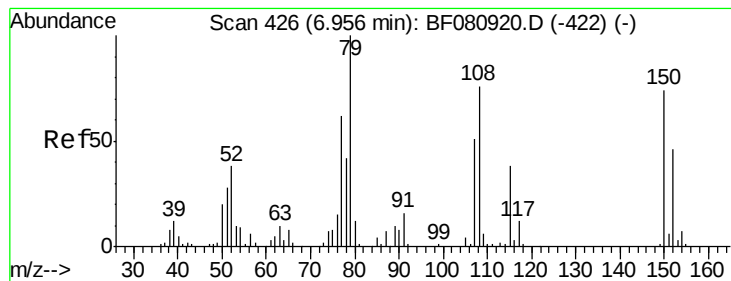
Tot Ion:146 Resp: 167042
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.4
 111 39.5 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 42.95 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:146 Resp: 162570
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 50.0 40.0 60.0





#15

Benzyl Alcohol

Concen: 39.90 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

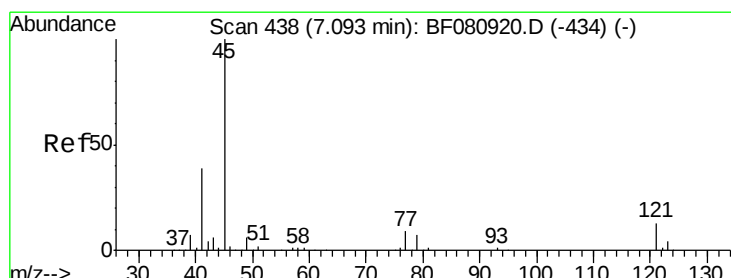
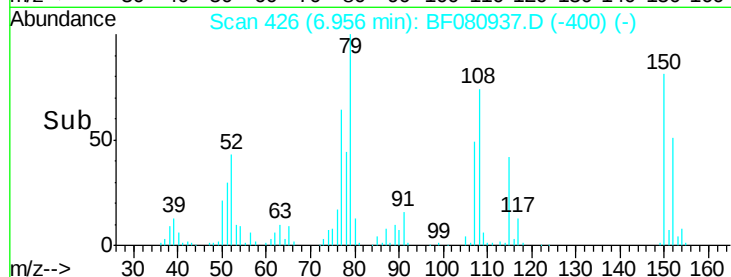
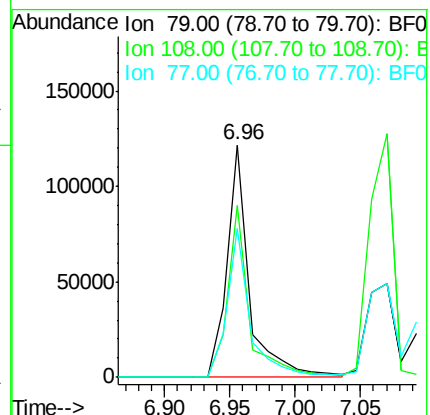
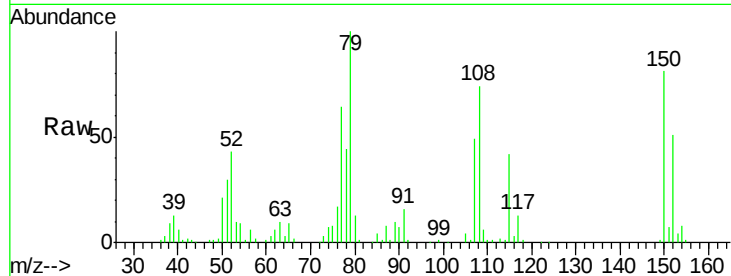
Tot Ion: 79 Resp: 146823

Ion Ratio Lower Upper

79 100

108 74.0 60.9 91.3

77 64.1 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.22 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

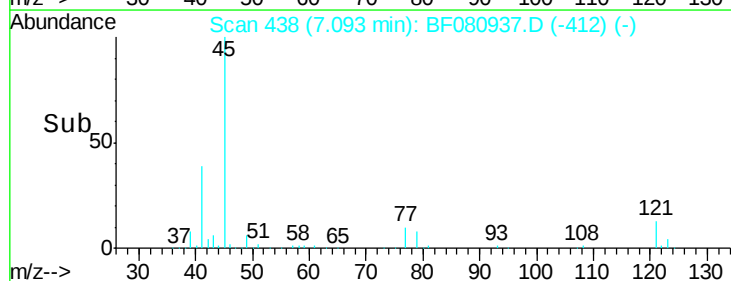
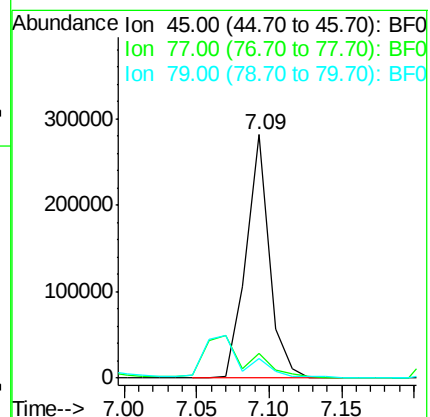
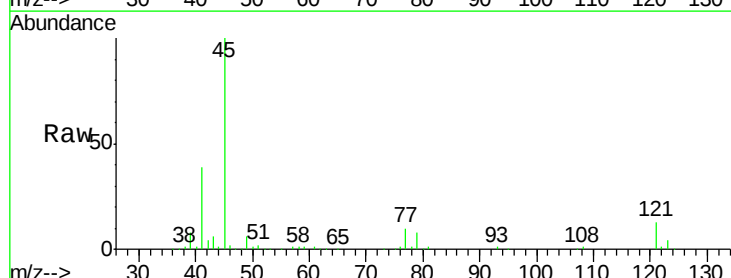
Tgt Ion: 45 Resp: 314337

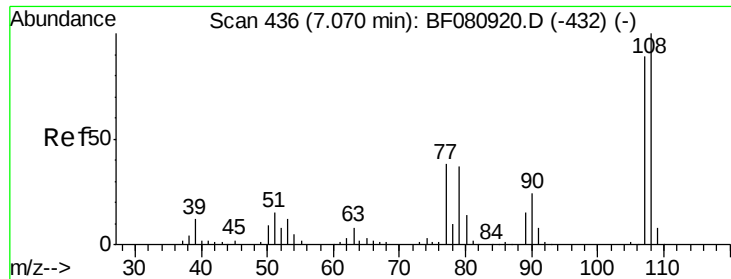
Ion Ratio Lower Upper

45 100

77 10.3 0.0 29.6

79 8.2 0.0 27.7

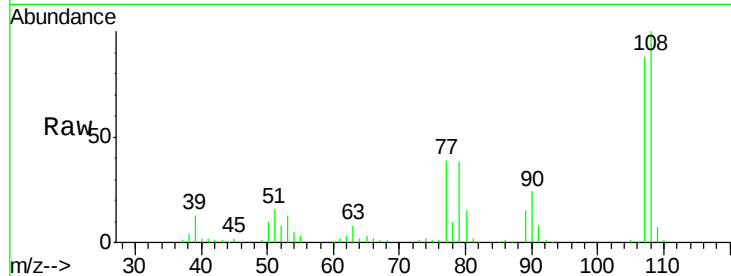




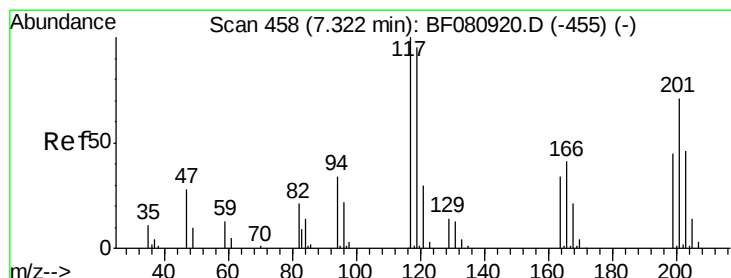
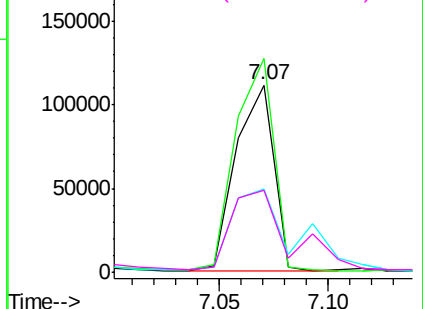
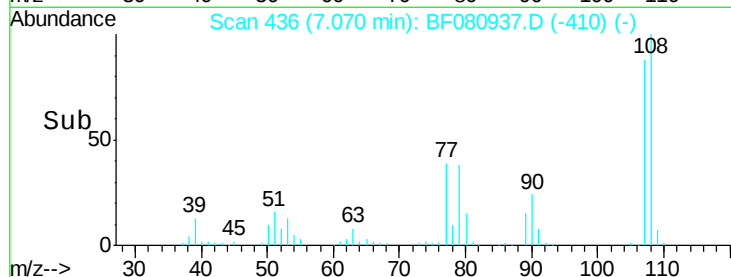
#17
2-Methylphenol
Concen: 41.38 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 134120
Ion Ratio Lower Upper
107 100
108 114.0 90.3 135.5
77 44.1 34.6 51.8
79 43.7 33.6 50.4

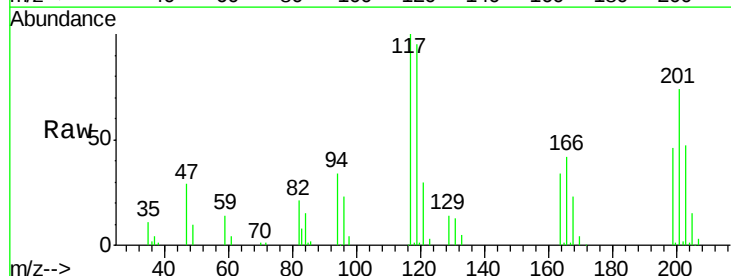


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

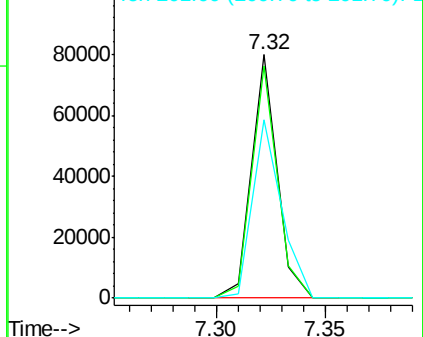
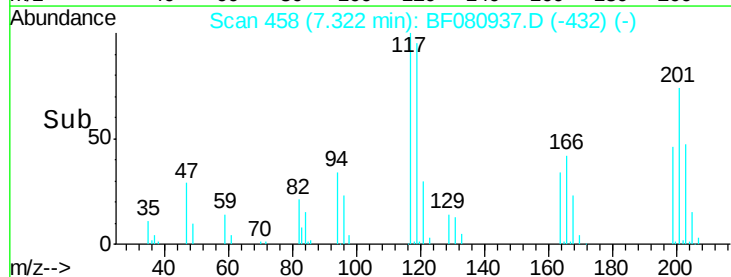


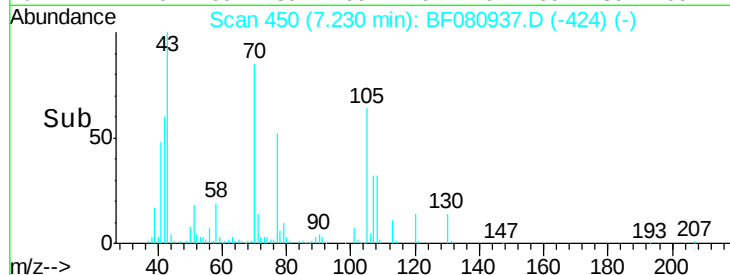
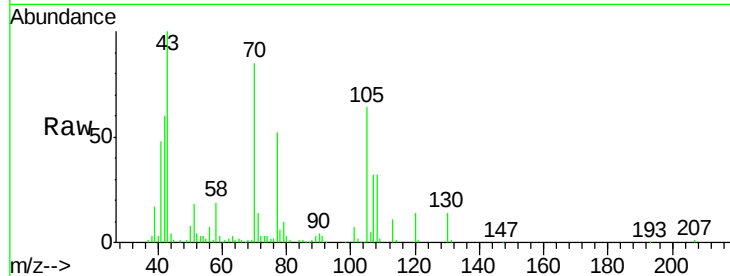
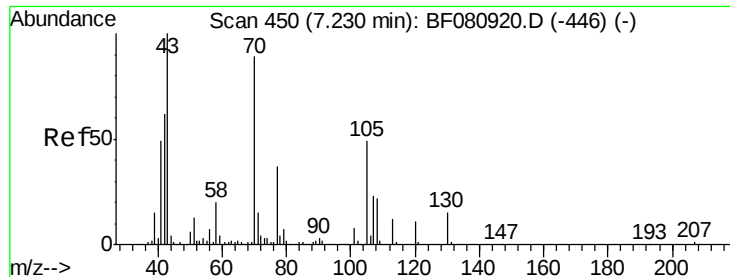
#18
Hexachloroethane
Concen: 40.50 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:117 Resp: 64979
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5
201 73.5 57.0 85.6



Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

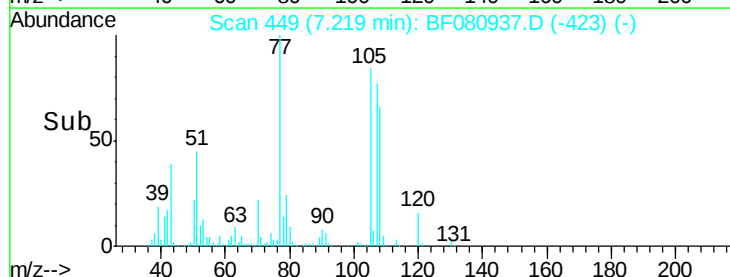
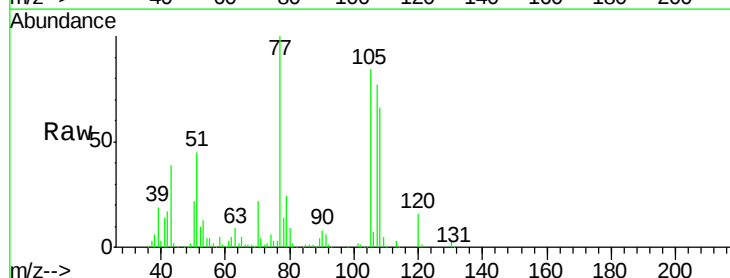
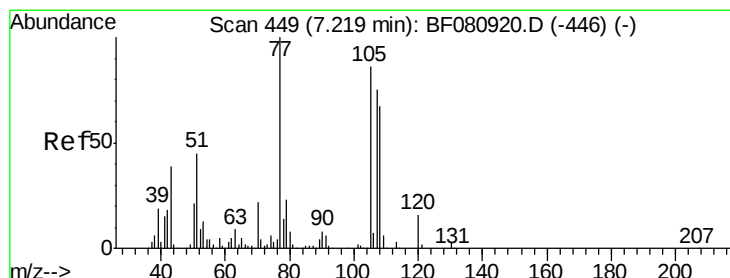
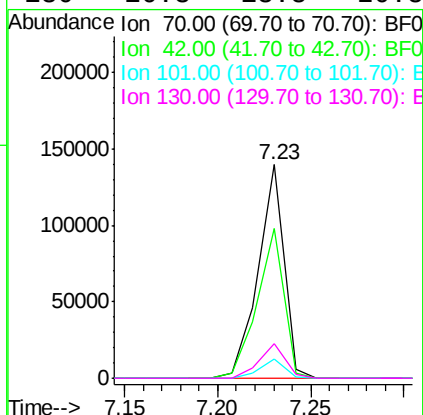




#19
n-Nitroso-di-n-propylamine
Concen: 40.72 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

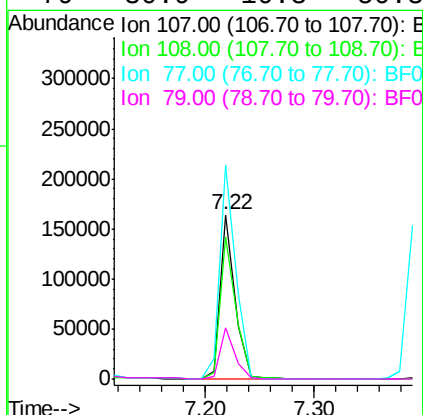
Instrument :
BNA_F
ClientSampleId :

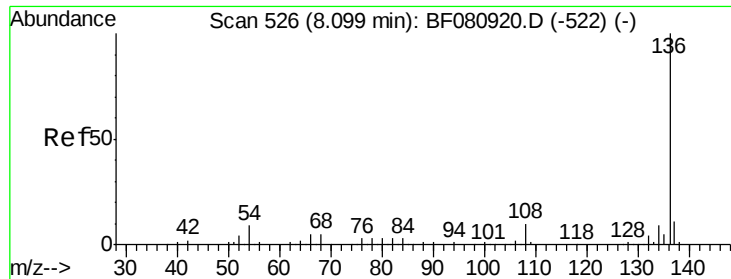
Tot Ion:	70	Resp:	133827
Ion	Ratio	Lower	Upper
70	100		
42	70.1	55.7	83.5
101	8.8	7.0	10.6
130	16.3	13.8	20.8



#20
3+4-Methylphenols
Concen: 38.85 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:	107	Resp:	158161
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.2	109.2
77	130.1	113.0	153.0
79	30.9	10.3	50.3

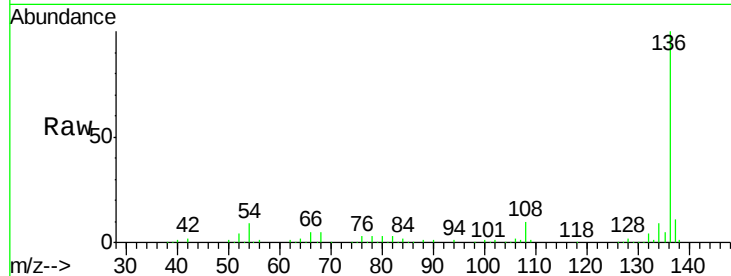




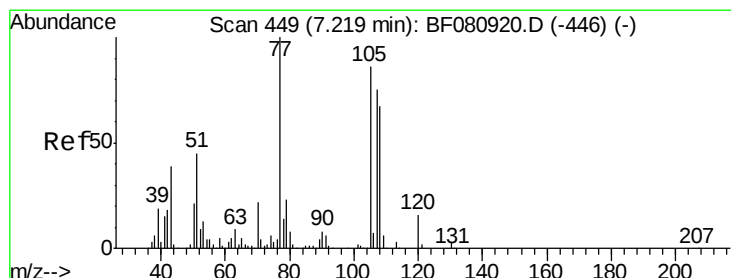
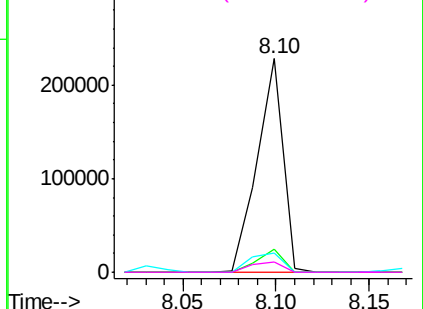
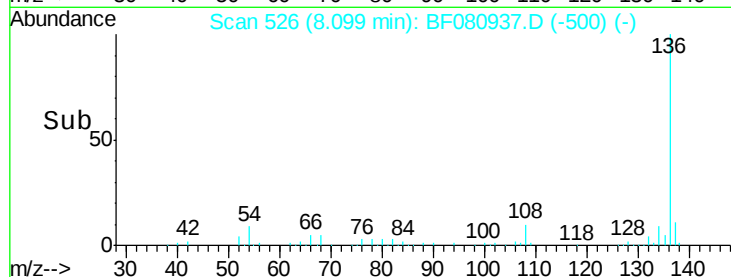
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	221366
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	9.1	7.1 10.7
68	4.8	3.8 5.8

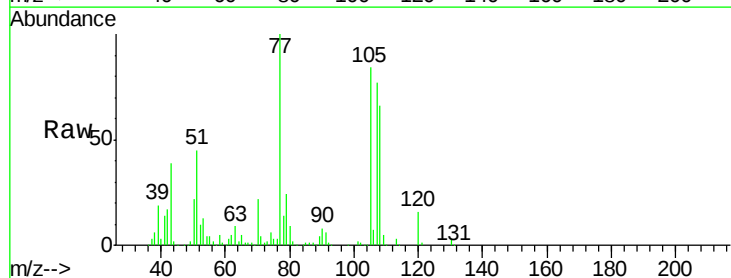


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

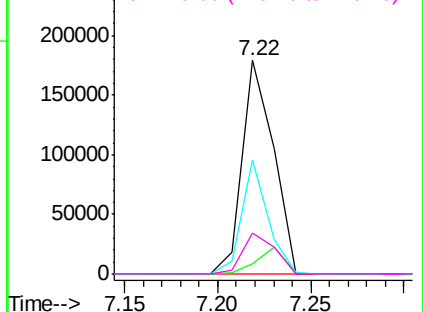
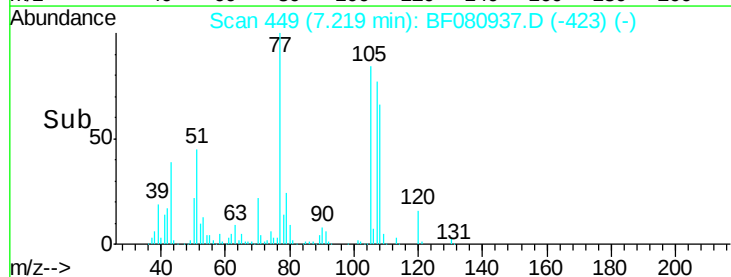


#22
Acetophenone
Concen: 38.40 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:105	Resp:	208282
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.3 4.9
51	53.3	41.8 62.6
120	19.4	15.1 22.7



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

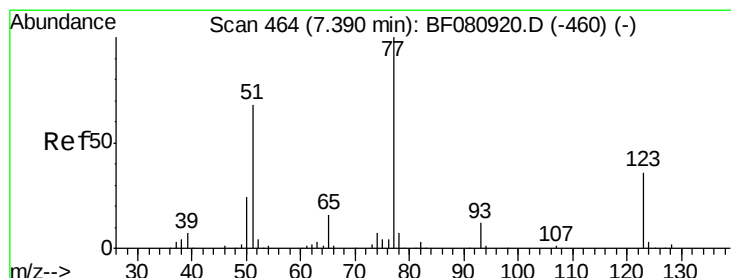
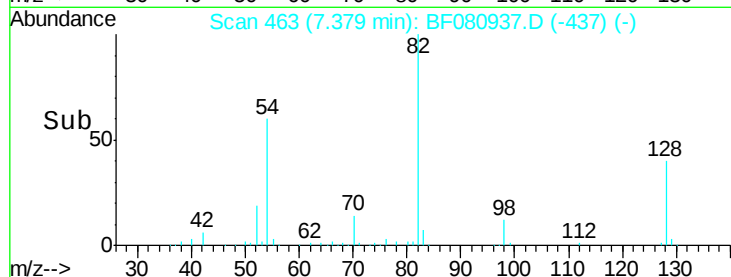
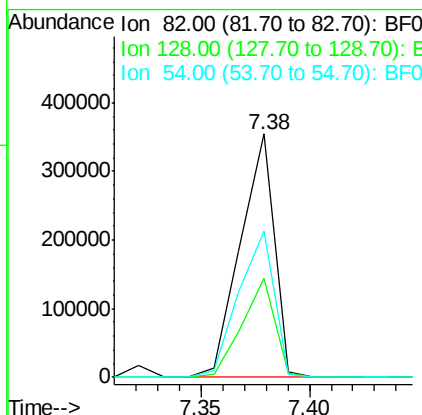
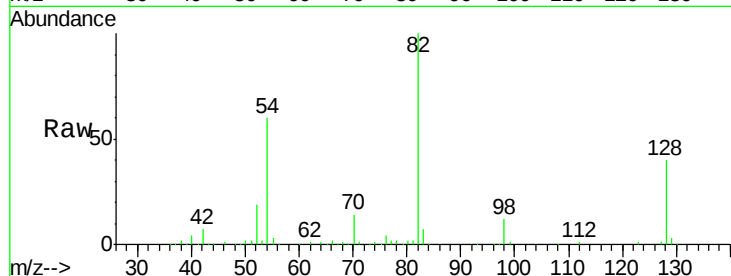




#23
 Nitrobenzene-d5
 Concen: 82.25 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

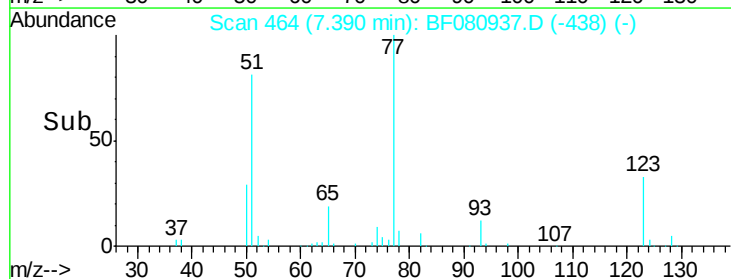
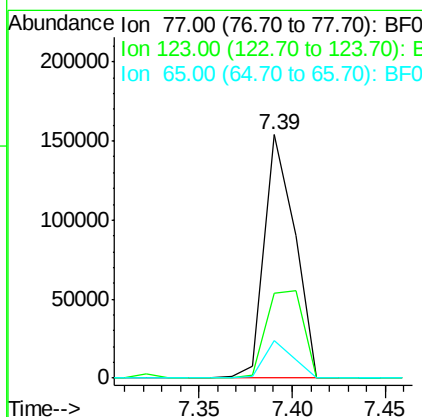
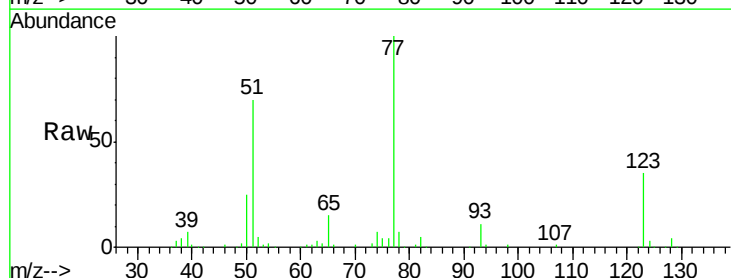
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	384900
Ion Ratio	Lower	Upper	
82	100		
128	40.5	34.1	51.1
54	60.2	46.5	69.7



#24
 Nitrobenzene
 Concen: 35.94 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	77	Resp	173198
Ion Ratio	Lower	Upper	
77	100		
123	34.9	28.7	43.1
65	15.4	12.5	18.7





#25

Isophorone

Concen: 40.69 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

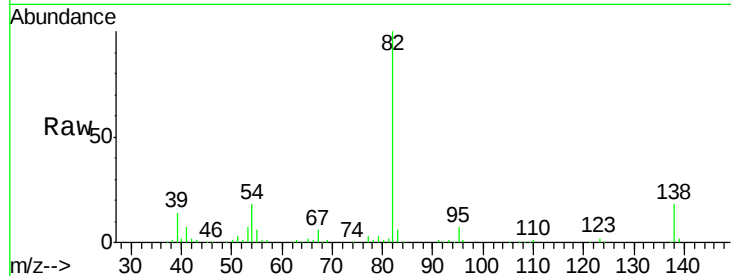
Tot Ion: 82 Resp: 366180

Ion Ratio Lower Upper

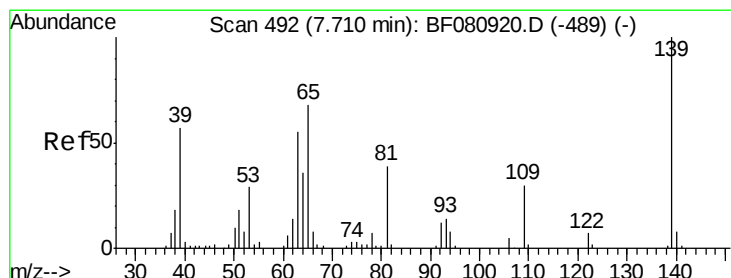
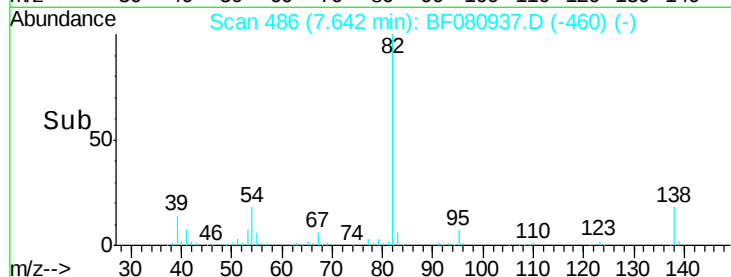
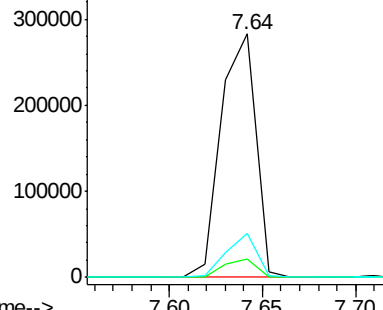
82 100

95 7.5 5.8 8.6

138 17.8 14.1 21.1



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: 40.39 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

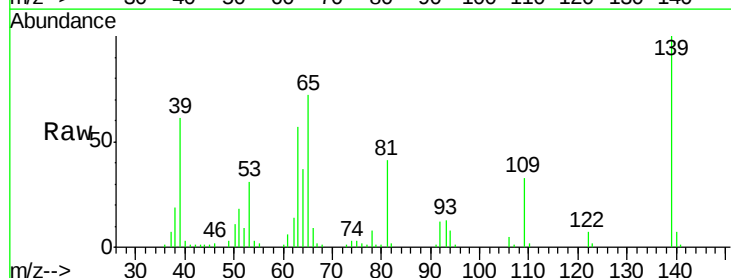
Tgt Ion: 139 Resp: 81893

Ion Ratio Lower Upper

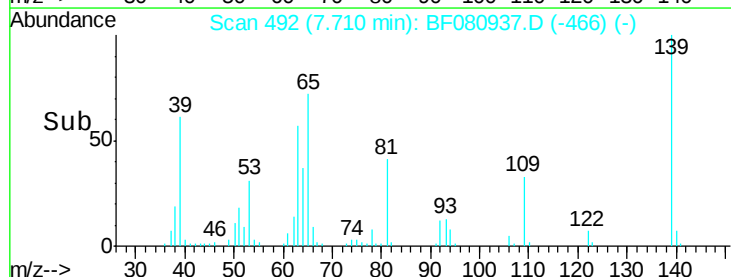
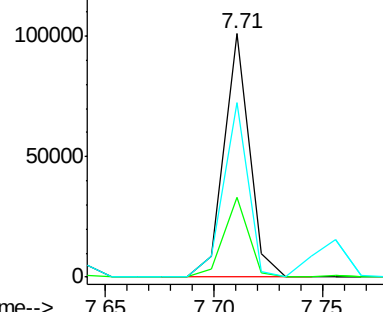
139 100

109 32.7 24.1 36.1

65 71.5 54.0 81.0



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

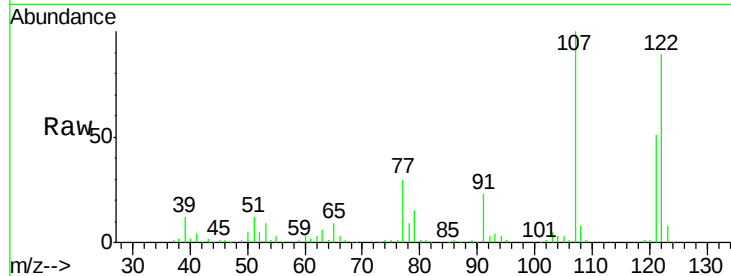




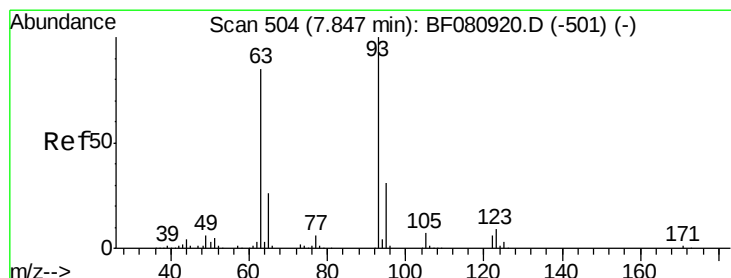
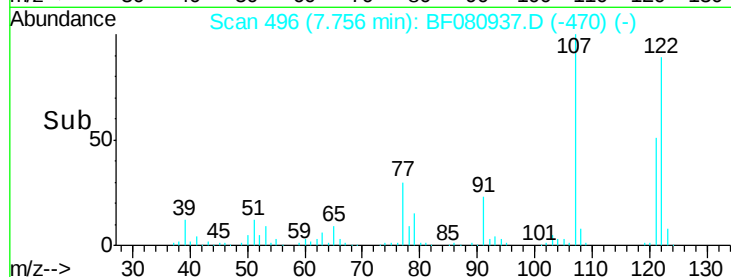
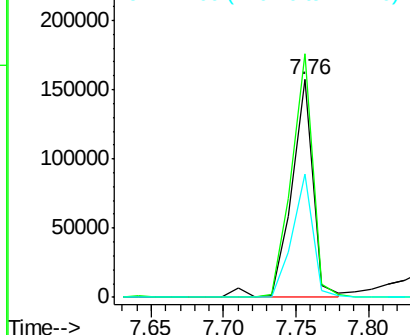
#27
2,4-Dimethylphenol
Concen: 42.83 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 162590
Ion Ratio Lower Upper
122 100
107 111.9 90.2 135.4
121 56.6 46.0 69.0

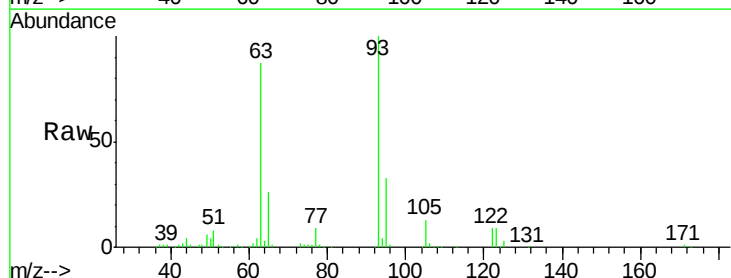


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

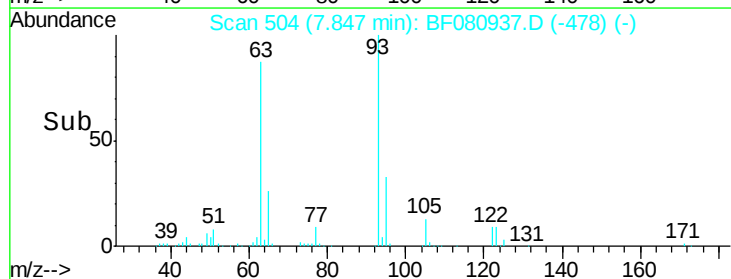
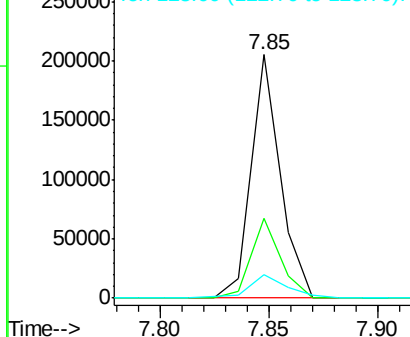


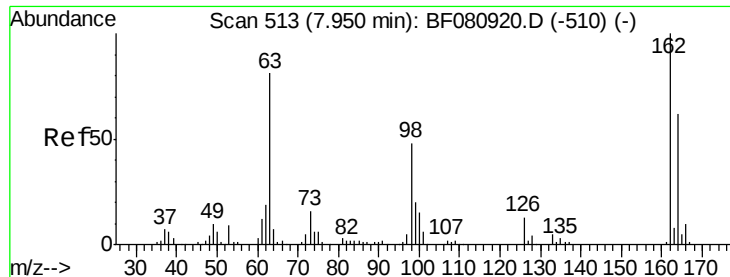
#28
bis(2-Chloroethoxy)methane
Concen: 35.32 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion: 93 Resp: 190815
Ion Ratio Lower Upper
93 100
95 32.6 25.0 37.4
123 9.5 7.4 11.0



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

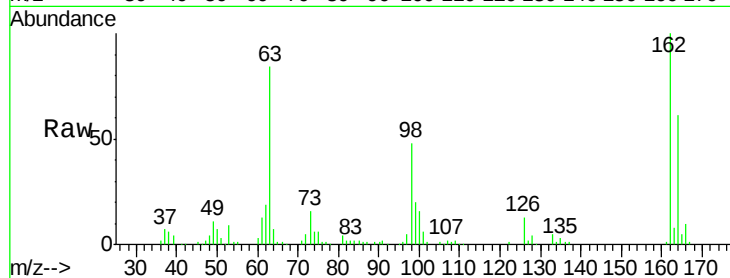




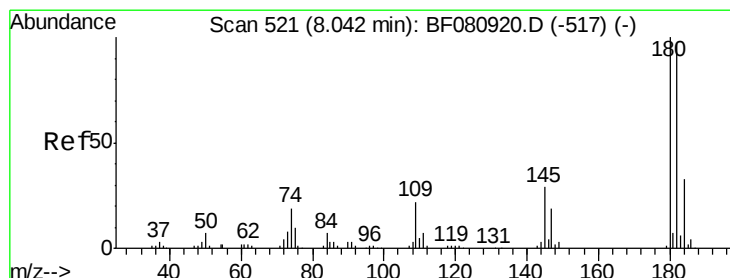
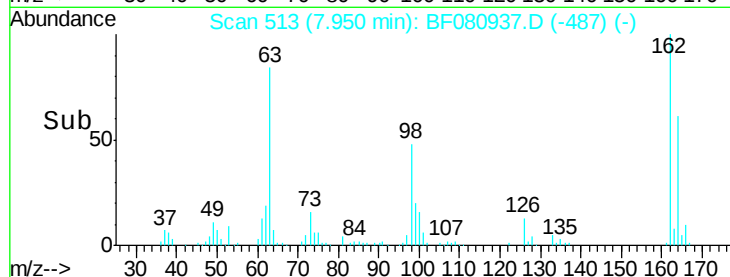
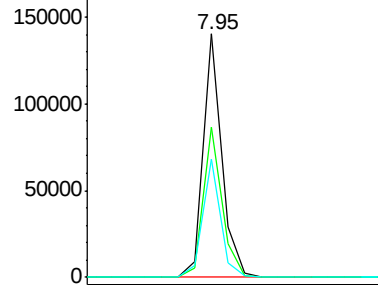
#29
 2,4-Dichlorophenol
 Concen: 40.00 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.3	82.3
98	48.3	27.7	67.7

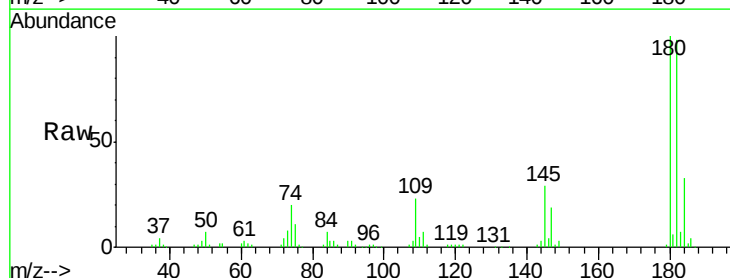


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

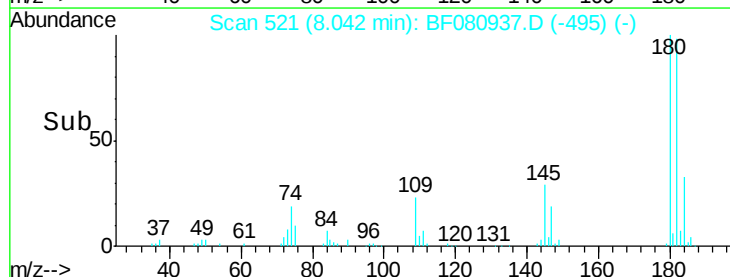
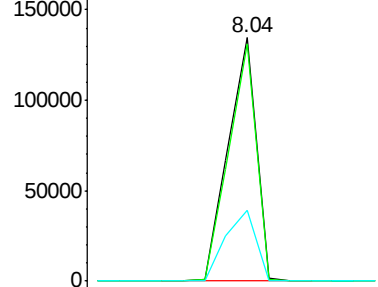


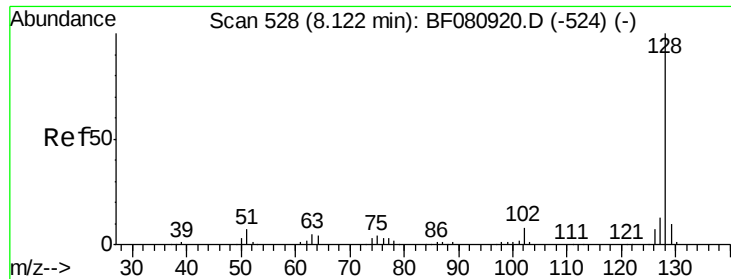
#30
 1,2,4-Trichlorobenzene
 Concen: 40.96 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.0
145	29.2	23.2	34.8



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

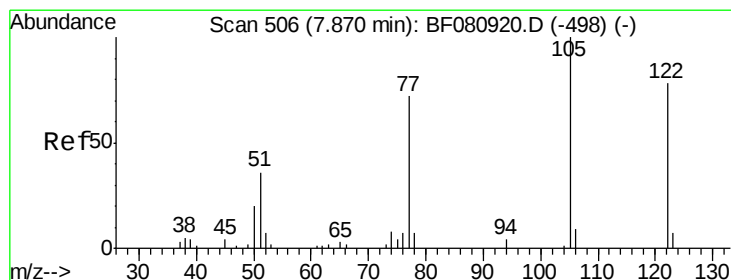
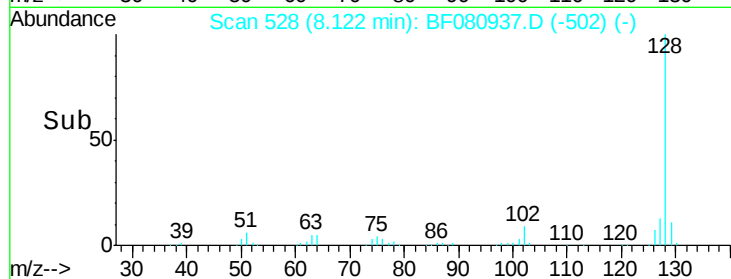
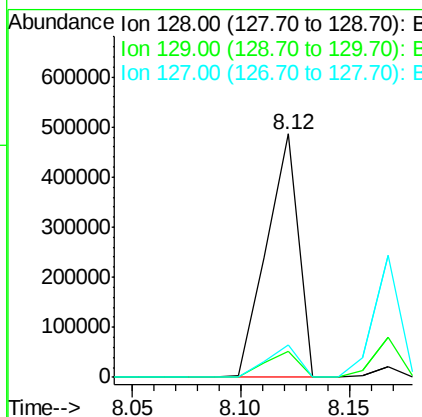
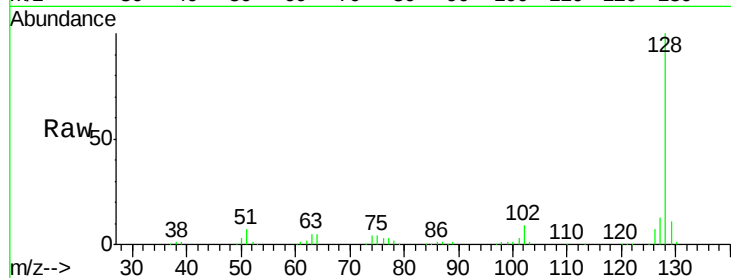




#31
Naphthalene
Concen: 41.05 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

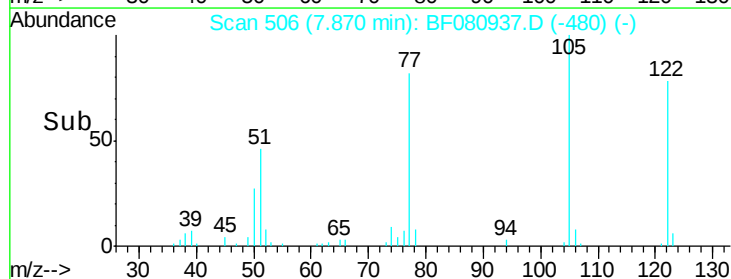
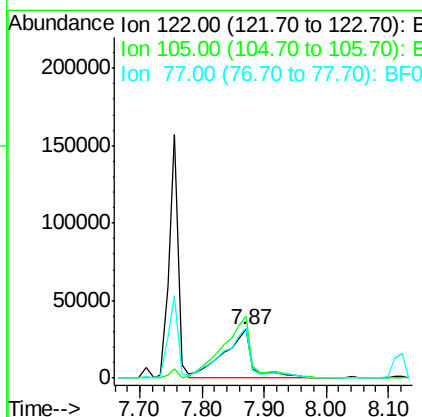
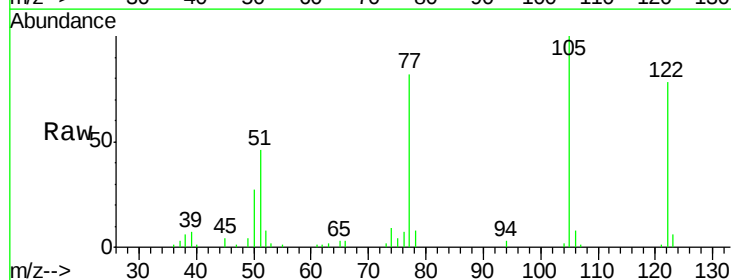
Instrument :
BNA_F
ClientSampleId :

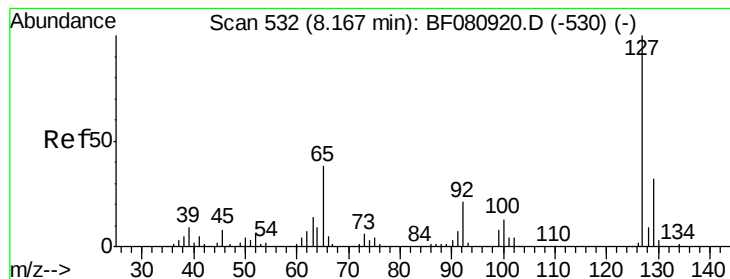
Tot Ion:128 Resp: 500898
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 44.10 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:122 Resp: 100208
Ion Ratio Lower Upper
122 100
105 128.0 103.6 143.6
77 105.0 70.4 110.4





#33

4-Chloroaniline

Concen: 41.62 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 206371

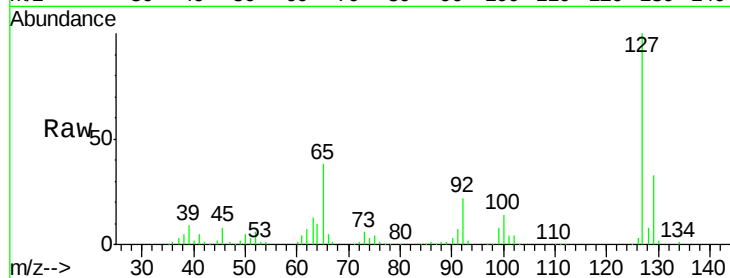
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 38.0 30.6 45.8

92 21.7 16.9 25.3

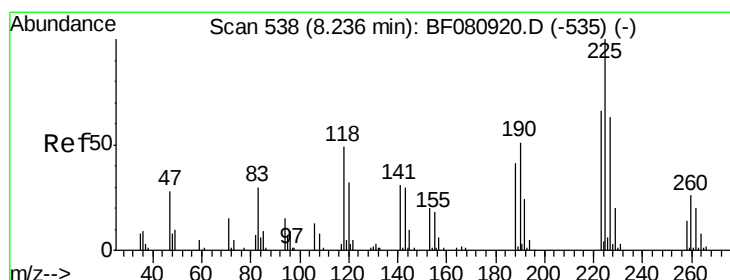
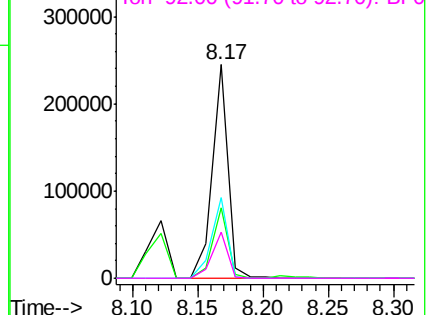
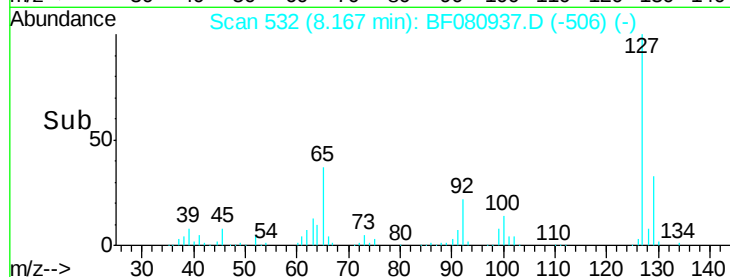


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.97 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

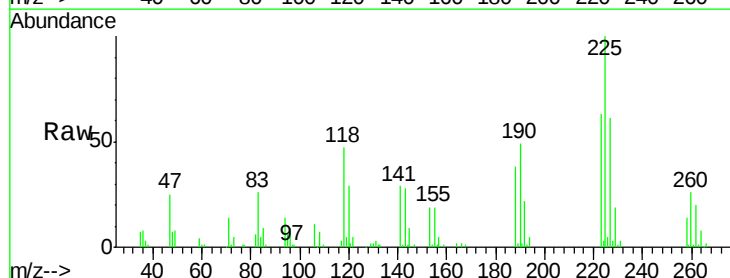
Tgt Ion:225 Resp: 77027

Ion Ratio Lower Upper

225 100

223 62.8 52.5 78.7

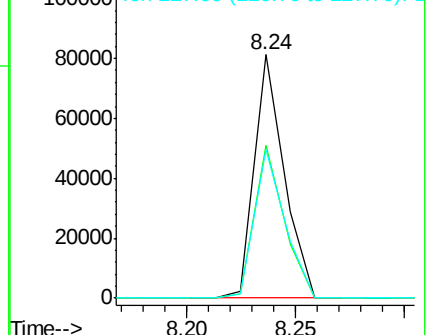
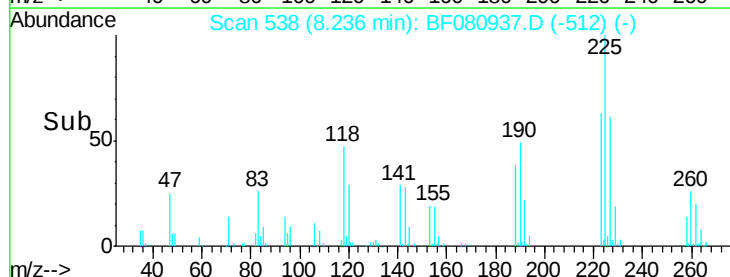
227 60.9 50.3 75.5



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

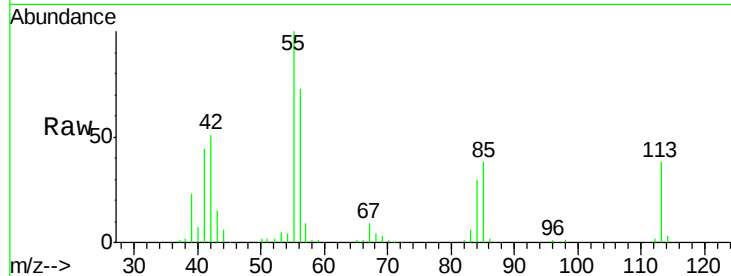




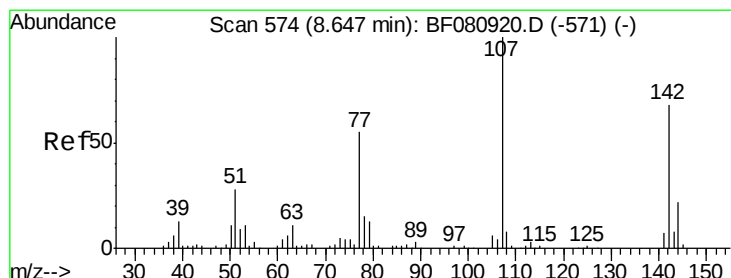
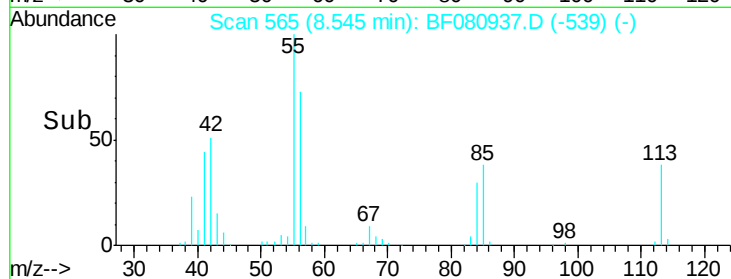
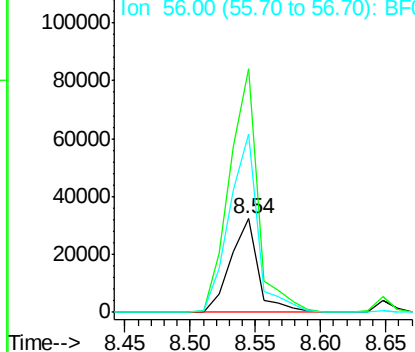
#35
Caprolactam
Concen: 41.91 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 47027
Ion Ratio Lower Upper
113 100
55 260.9 196.4 236.4#
56 191.2 137.9 177.9#

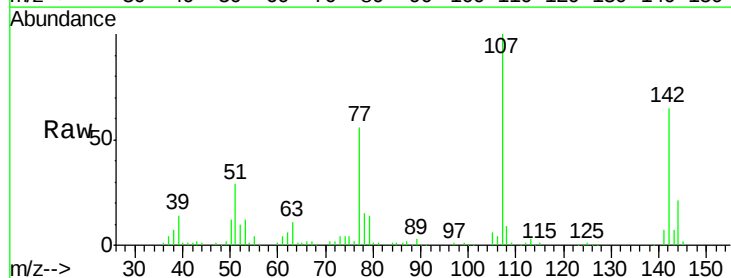


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

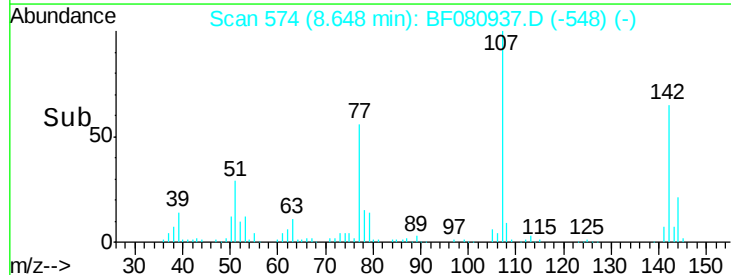
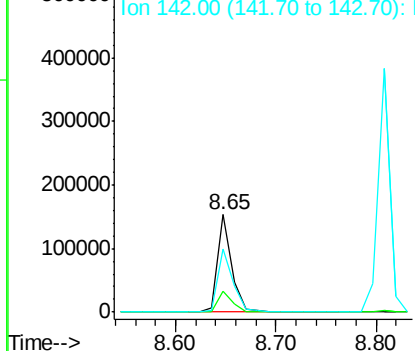


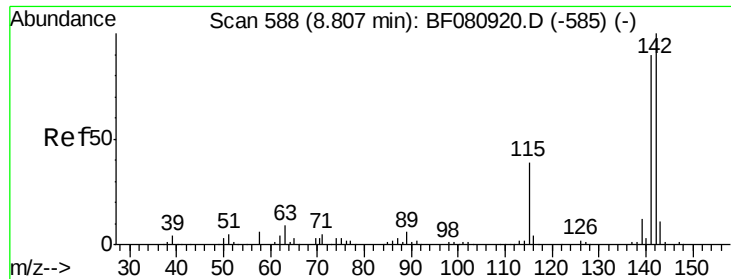
#36
4-Chloro-3-methylphenol
Concen: 39.14 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:107 Resp: 148991
Ion Ratio Lower Upper
107 100
144 20.9 17.3 25.9
142 64.6 54.4 81.6



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

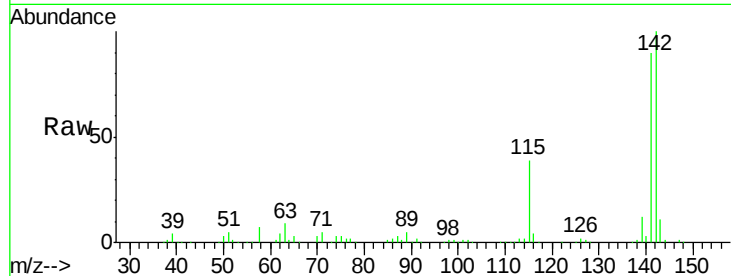




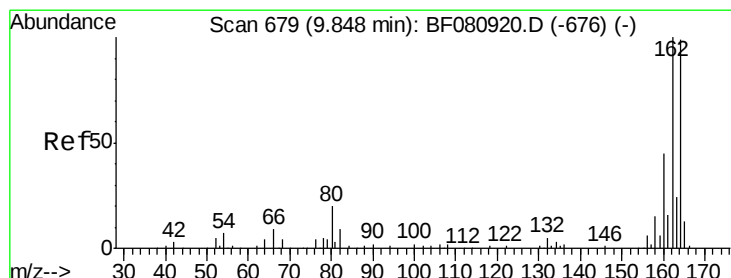
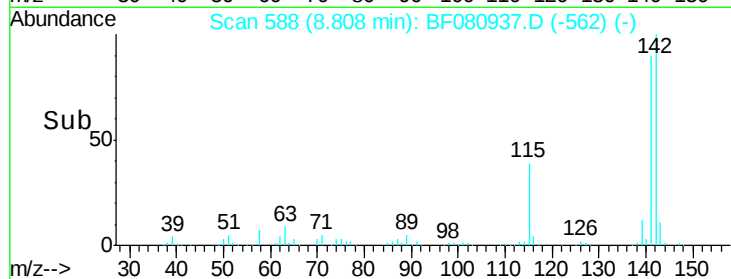
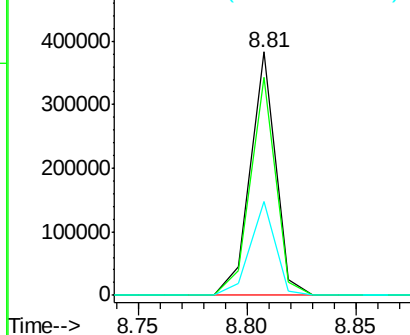
#37
 2-Methylnaphthalene
 Concen: 40.06 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 311134
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.7 107.5
 115 38.8 30.9 46.3

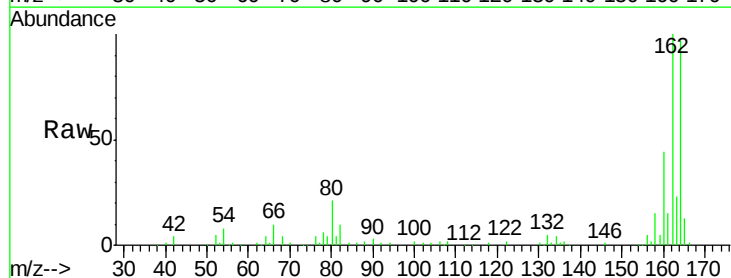


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

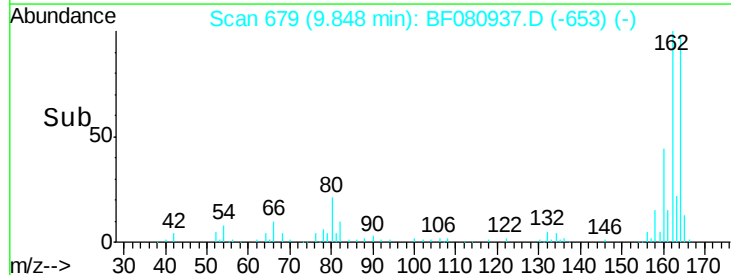
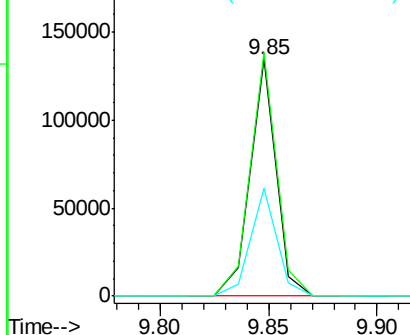


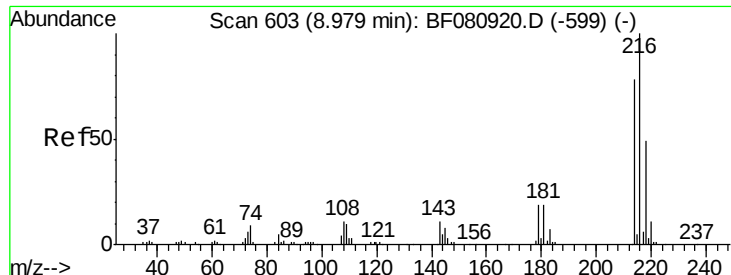
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:164 Resp: 111237
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.5 120.7
 160 45.5 36.6 54.8



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

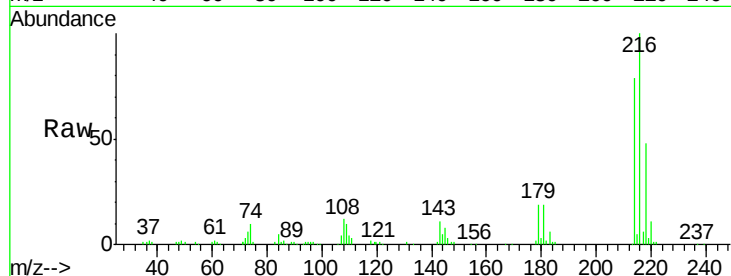




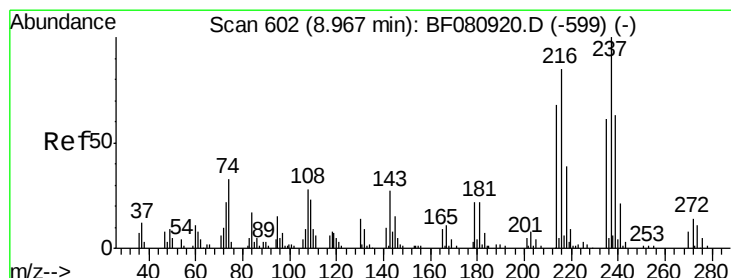
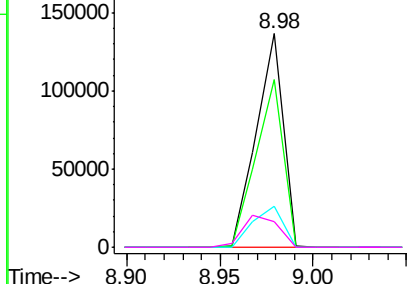
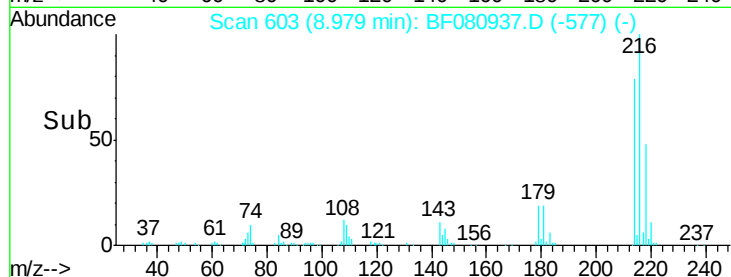
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.78 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	136419
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.0 94.4
179	21.5	17.2 25.8
108	19.8	16.1 24.1

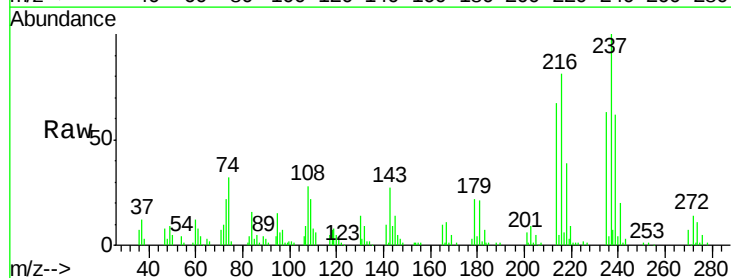


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

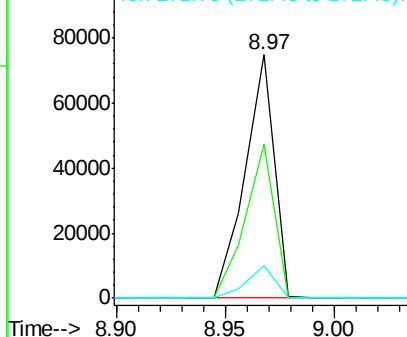
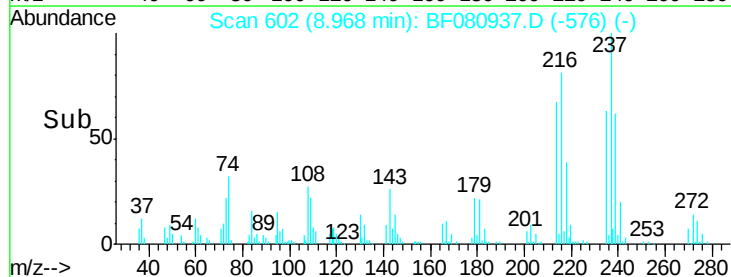


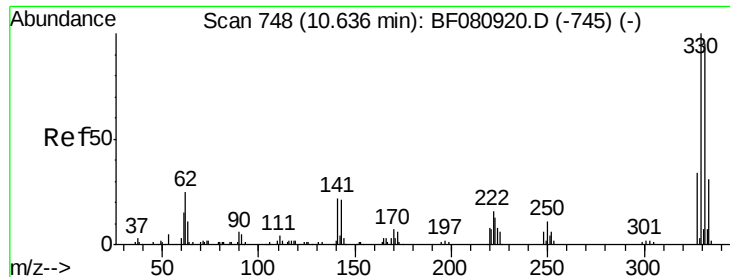
#40
 Hexachlorocyclopentadiene
 Concen: 37.24 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:237	Resp:	69689
Ion Ratio	Lower	Upper
237	100	
235	63.0	41.3 81.3
272	13.6	0.0 33.6



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

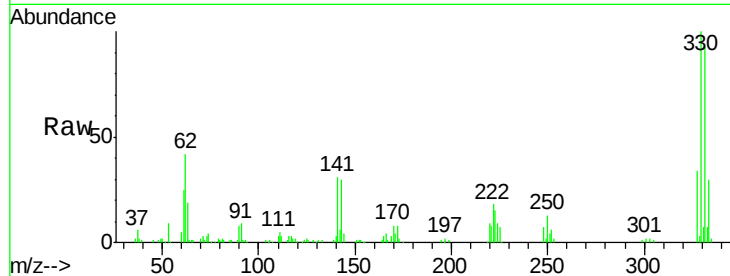




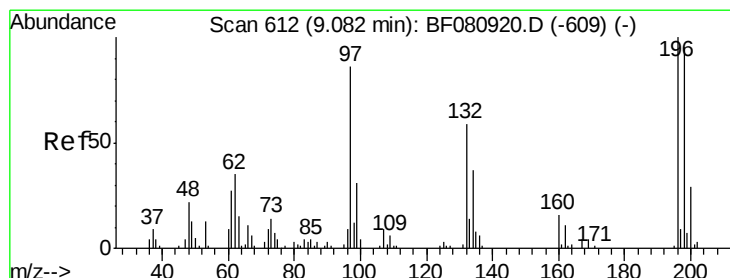
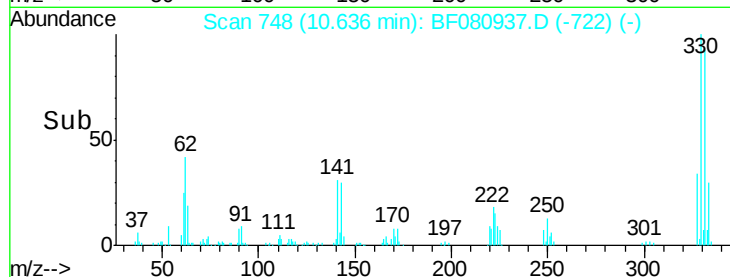
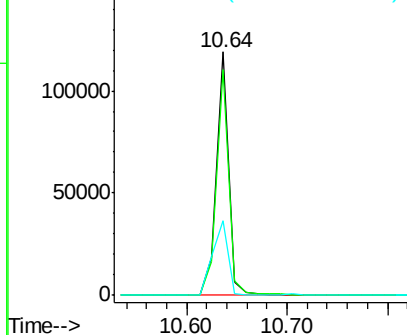
#41
 2,4,6-Tribromophenol
 Concen: 83.59 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 102155
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.2 114.4
 141 39.0 27.8 41.8

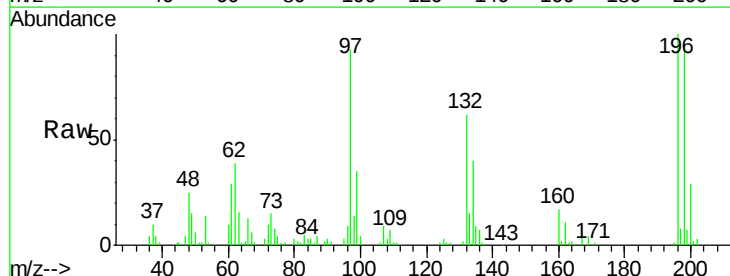


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

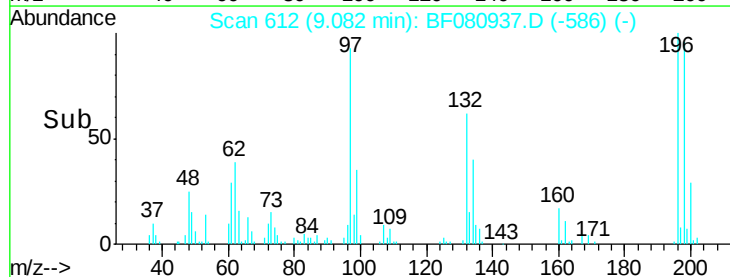
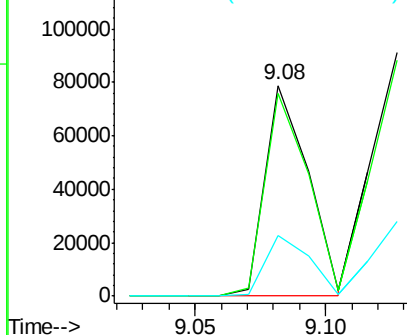


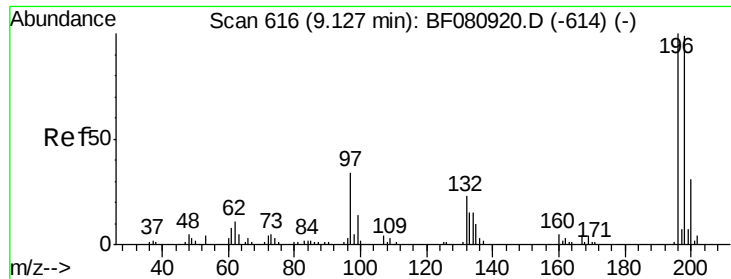
#42
 2,4,6-Trichlorophenol
 Concen: 35.51 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:196 Resp: 89249
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.9 113.9
 200 28.8 23.1 34.7



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

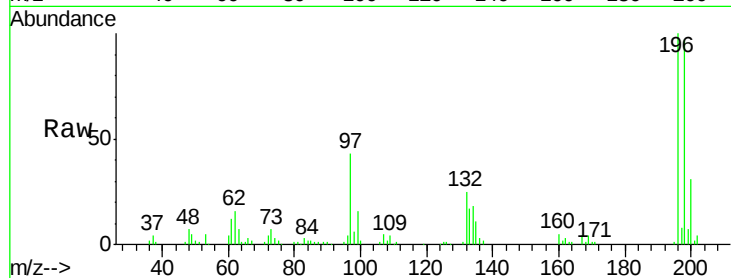




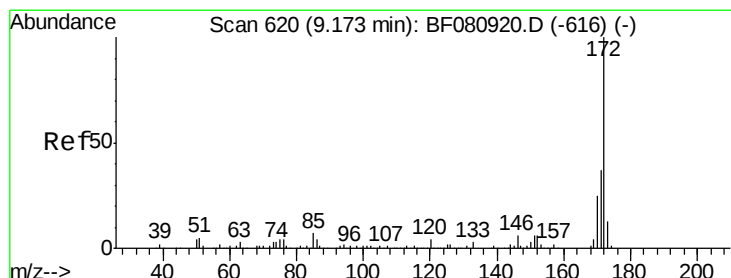
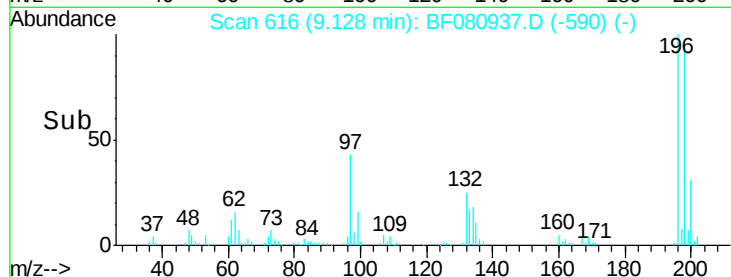
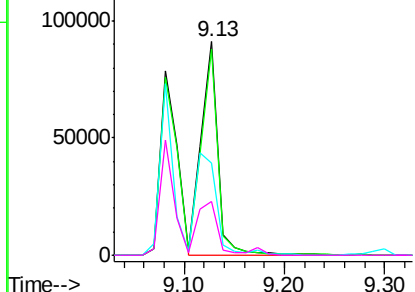
#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	106275
Ion Ratio	Lower	Upper
196	100	
198	96.7	78.9 118.3
97	43.4	29.1 43.7
132	25.2	19.1 28.7

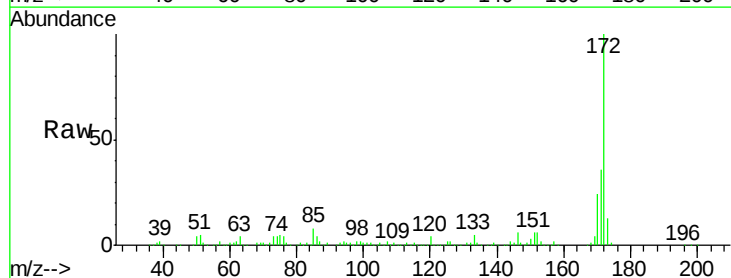


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

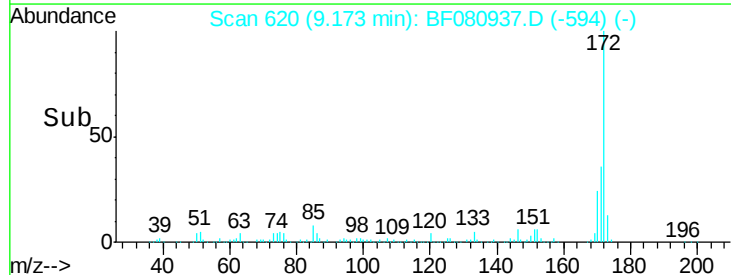
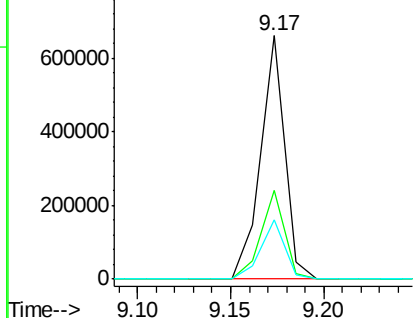


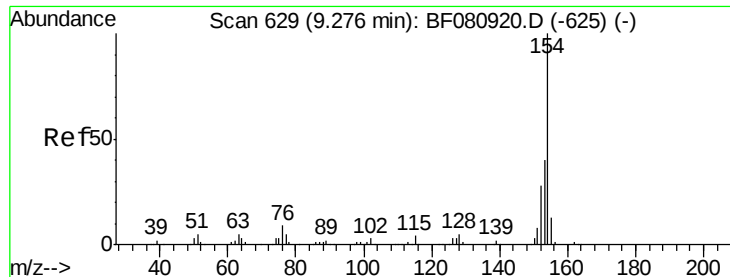
#44
 2-Fluorobiphenyl
 Concen: 74.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:172	Resp:	587461
Ion Ratio	Lower	Upper
172	100	
171	36.5	29.4 44.0
170	24.4	19.7 29.5



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





#45

1,1'-Biphenyl

Concen: 40.92 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

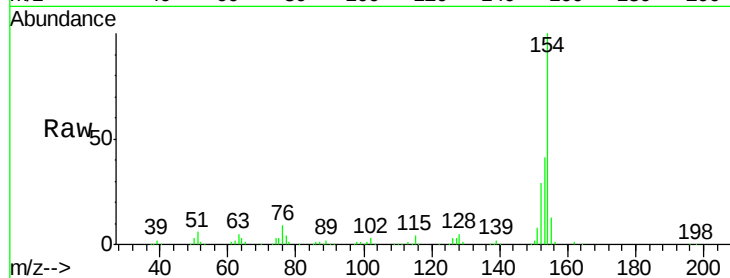
Tot Ion:154 Resp: 390632

Ion Ratio Lower Upper

154 100

153 41.1 20.1 60.1

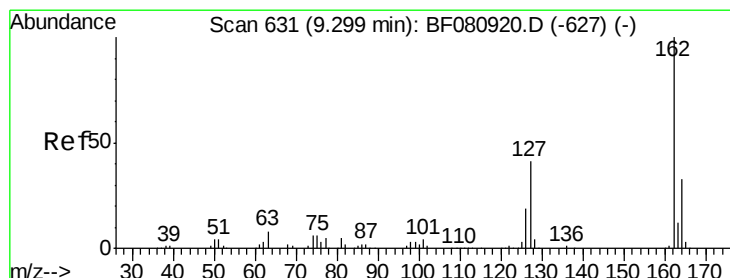
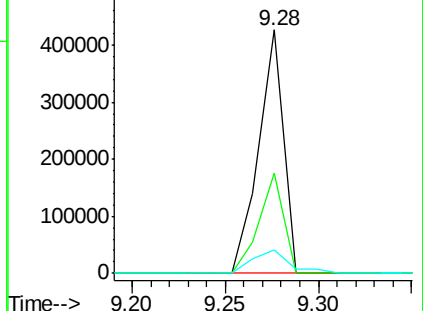
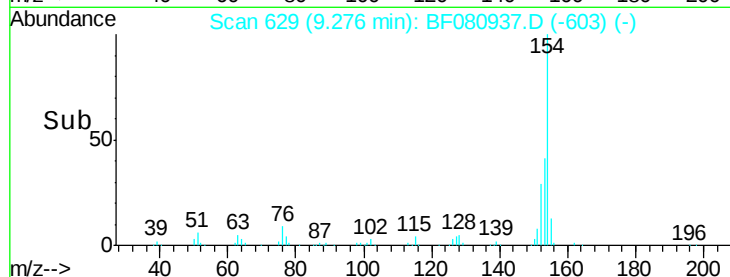
76 9.5 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.25 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

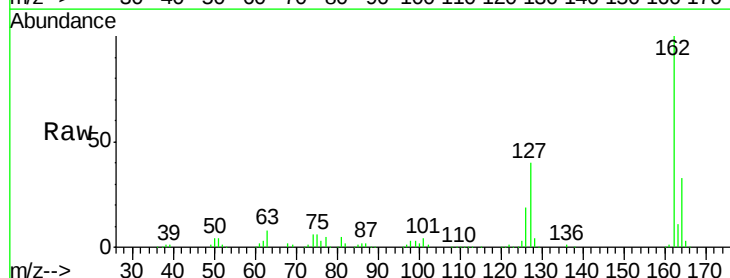
Tgt Ion:162 Resp: 307002

Ion Ratio Lower Upper

162 100

127 39.8 32.5 48.7

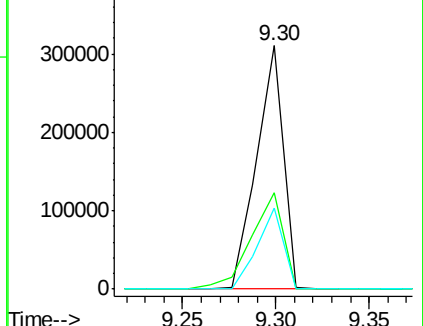
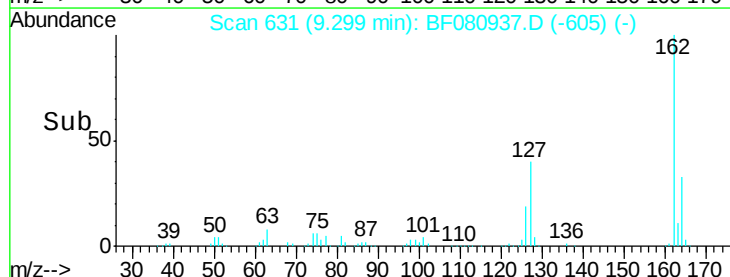
164 33.0 26.2 39.4



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

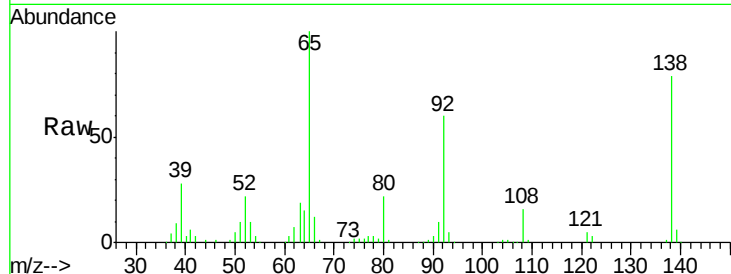




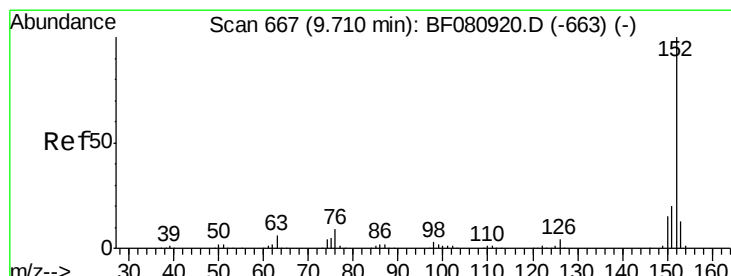
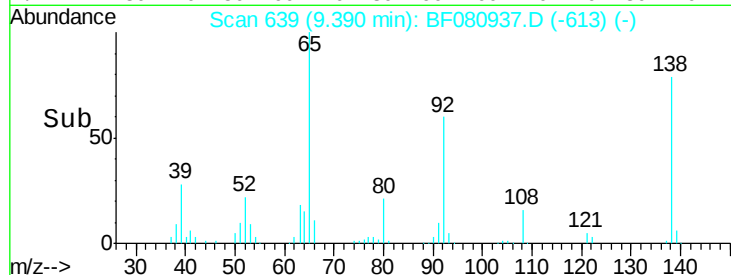
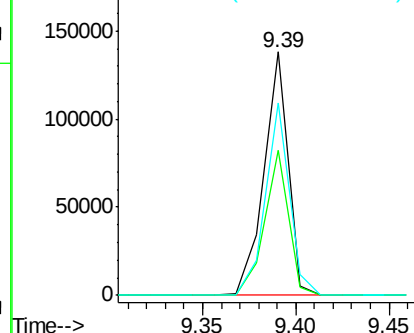
#47
2-Nitroaniline
Concen: 41.01 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 122384
Ion Ratio Lower Upper
65 100
92 59.7 48.0 72.0
138 79.1 66.1 99.1

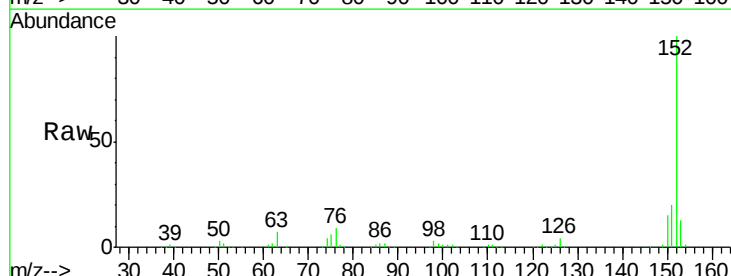


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

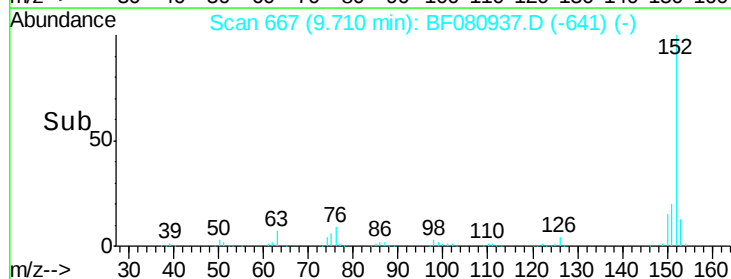
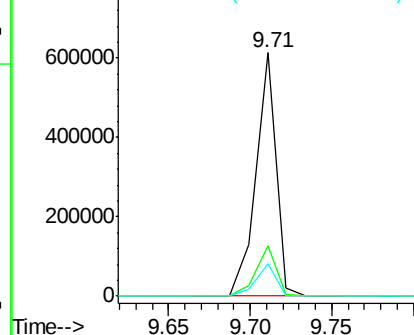


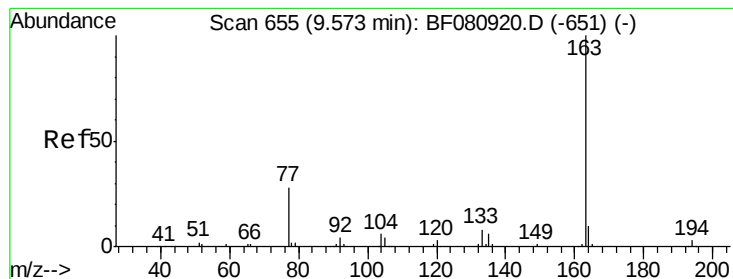
#48
Acenaphthylene
Concen: 40.55 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion: 152 Resp: 524691
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.5 15.7



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: 36.64 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

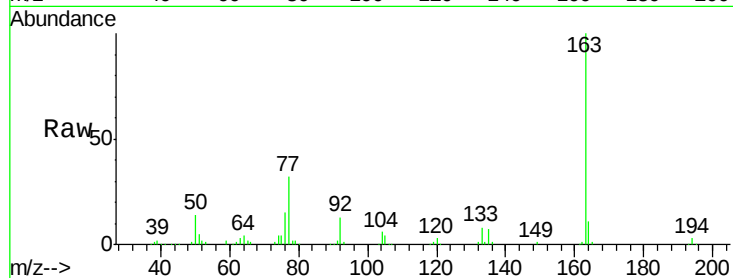
Tot Ion:163 Resp: 338562

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

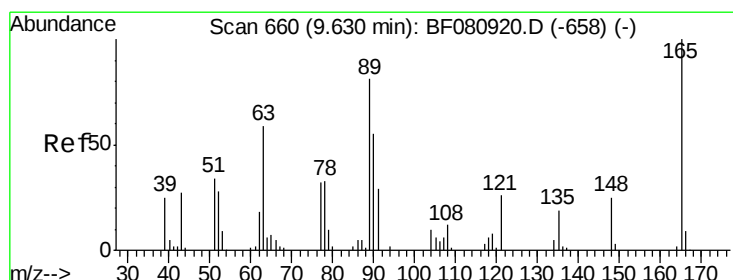
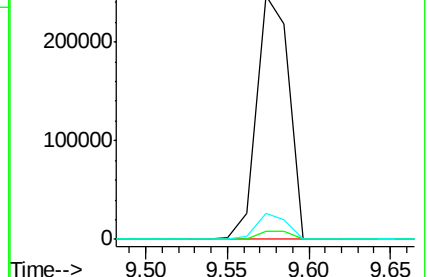
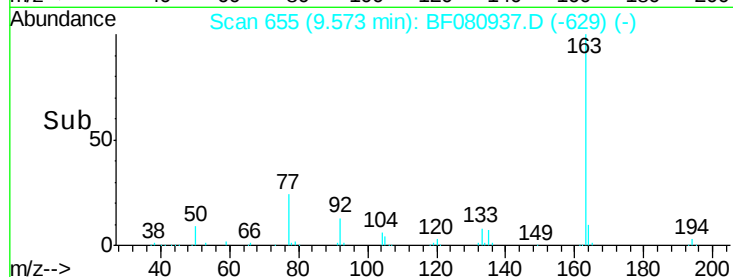
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.57 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

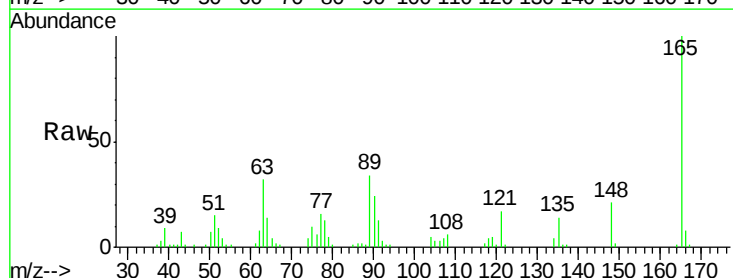
Tgt Ion:165 Resp: 73622

Ion Ratio Lower Upper

165 100

63 32.5 77.6 116.4#

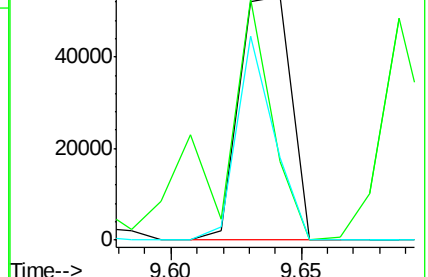
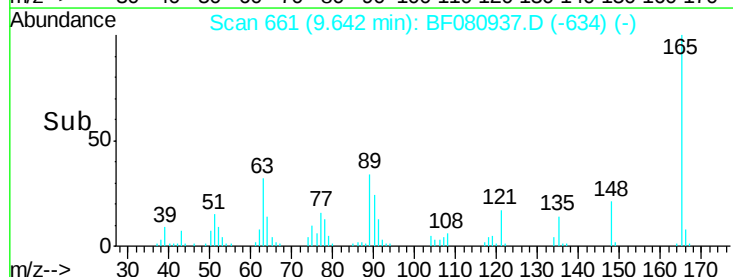
89 33.9 64.5 96.7#

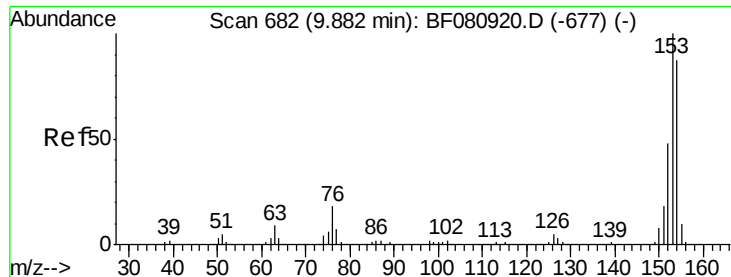


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.60 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

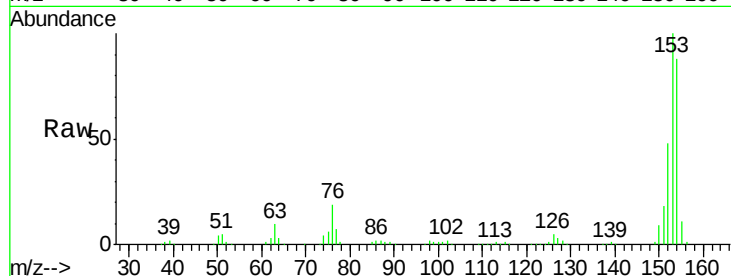
Tot Ion:154 Resp: 313805

Ion Ratio Lower Upper

154 100

153 113.2 91.4 137.2

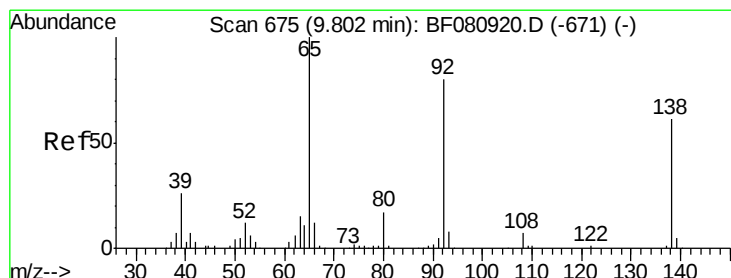
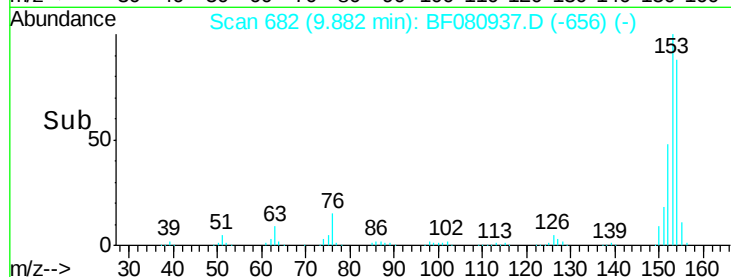
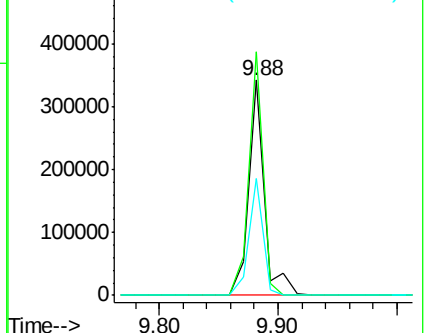
152 54.6 44.2 66.4



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: 37.13 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

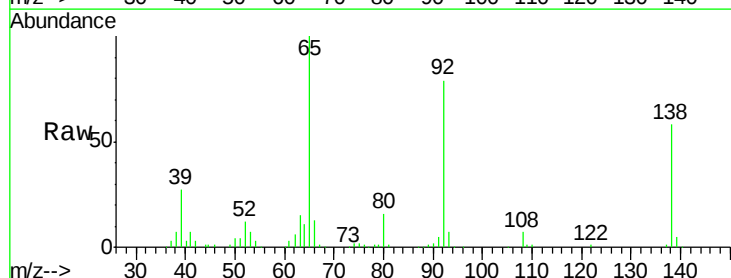
Tgt Ion:138 Resp: 87391

Ion Ratio Lower Upper

138 100

108 11.4 8.7 13.1

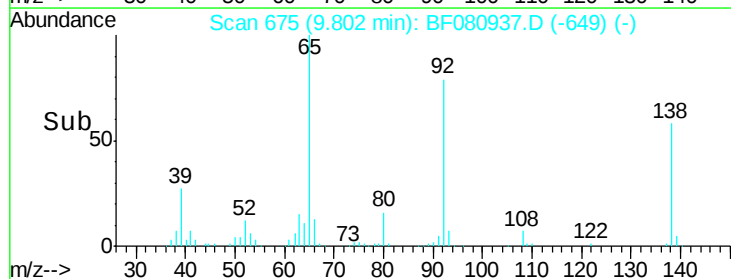
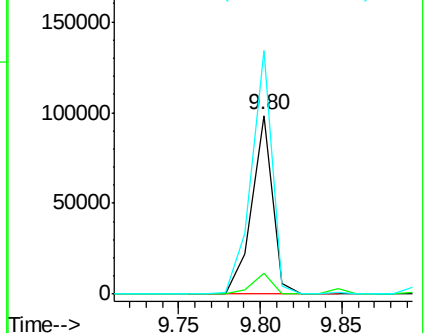
92 136.1 104.4 156.6

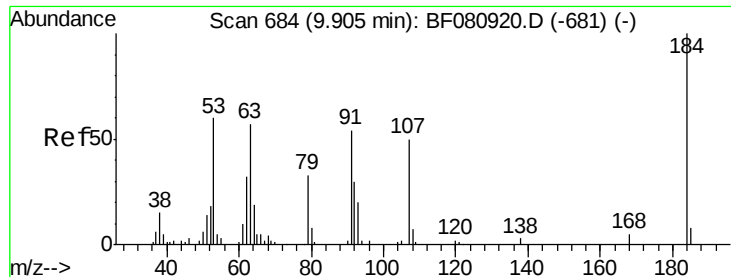


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

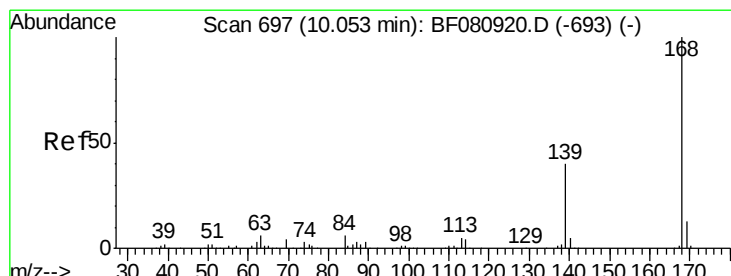
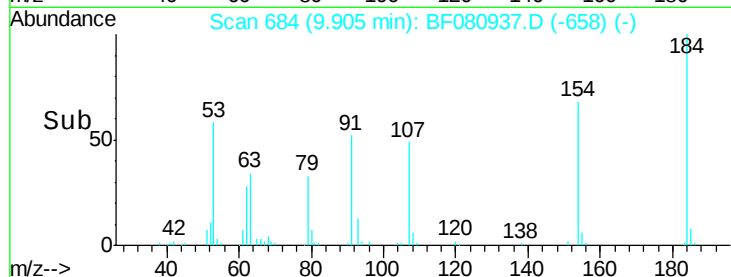
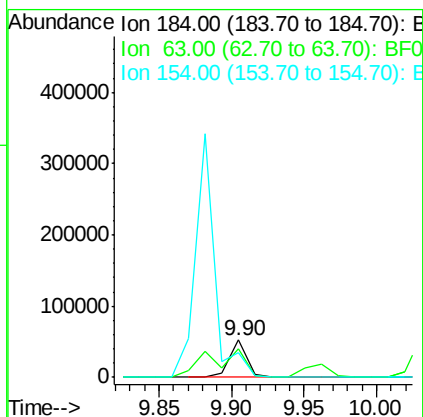
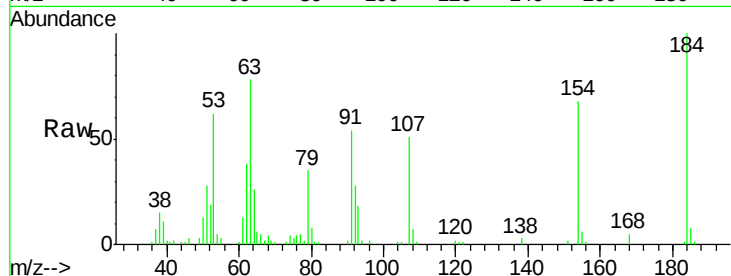




#53
 2,4-Dinitrophenol
 Concen: 40.59 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

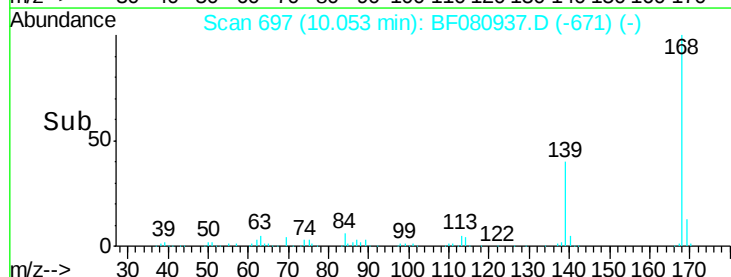
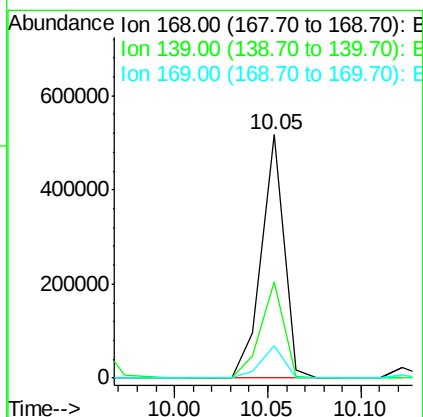
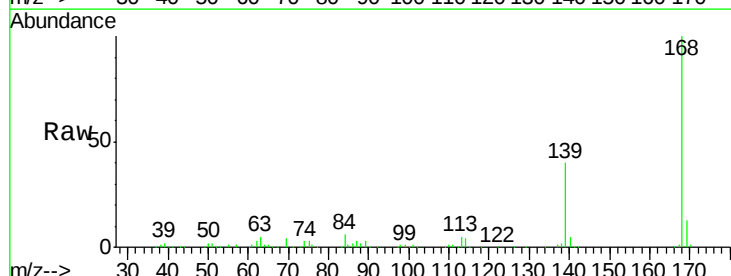
Instrument :
 BNA_F
 ClientSampleId :

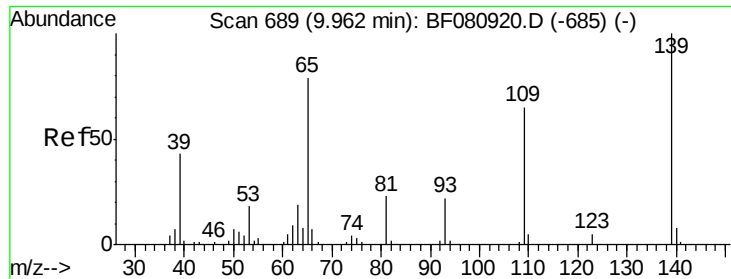
Tot Ion:184 Resp: 43270
 Ion Ratio Lower Upper
 184 100
 63 77.8 59.7 89.5
 154 68.0 53.8 80.8



#54
 Dibenzofuran
 Concen: 40.50 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:168 Resp: 433957
 Ion Ratio Lower Upper
 168 100
 139 39.8 31.9 47.9
 169 13.4 10.6 15.8

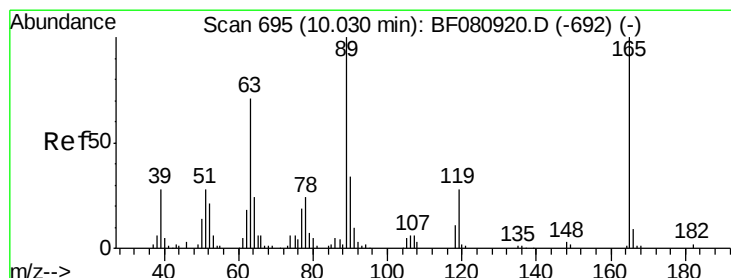
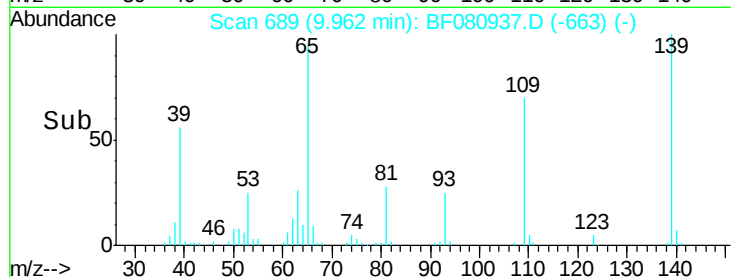
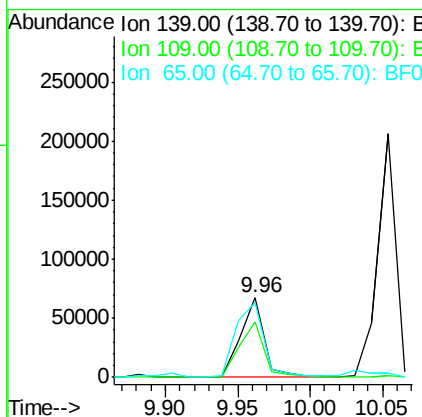
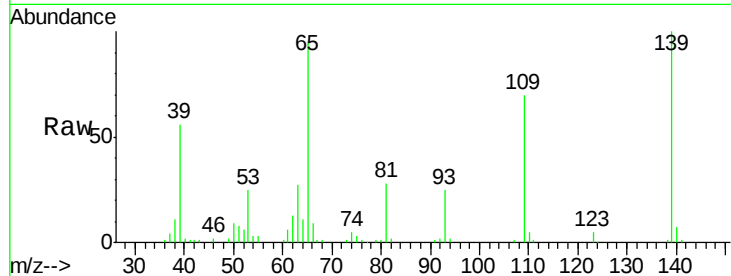




#55
 4-Nitrophenol
 Concen: 43.69 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

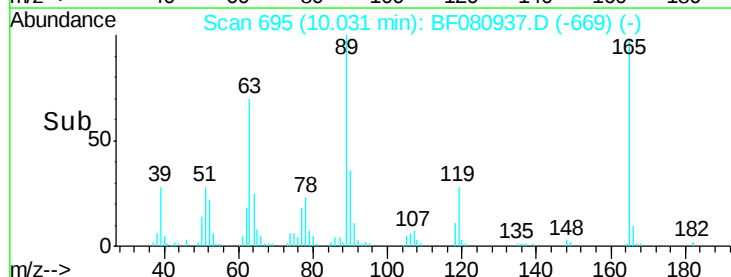
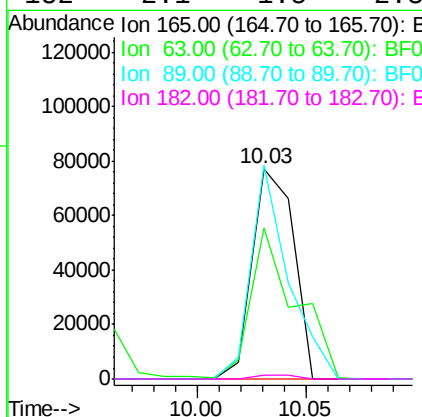
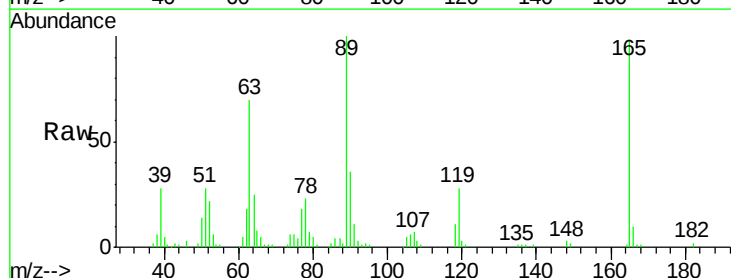
Instrument :
 BNA_F
 ClientSampleId :

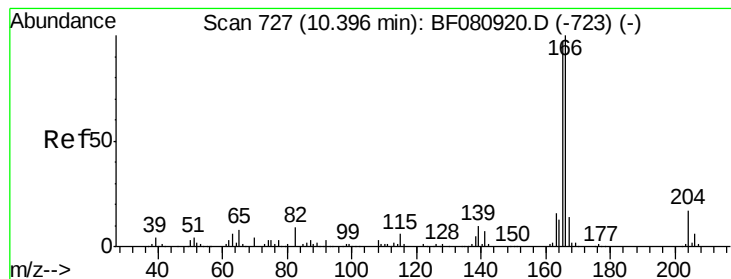
Tot Ion:139 Resp: 76958
 Ion Ratio Lower Upper
 139 100
 109 69.6 44.7 84.7
 65 94.8 59.5 99.5



#56
 2,4-Dinitrotoluene
 Concen: 40.16 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:165 Resp: 102592
 Ion Ratio Lower Upper
 165 100
 63 71.5 56.7 85.1
 89 101.5 80.4 120.6
 182 2.1 1.5 2.3





#57

Fluorene

Concen: 43.22 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

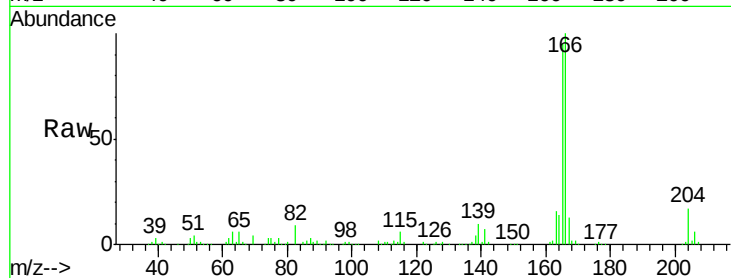
Tot Ion:166 Resp: 358309

Ion Ratio Lower Upper

166 100

165 95.4 77.2 115.8

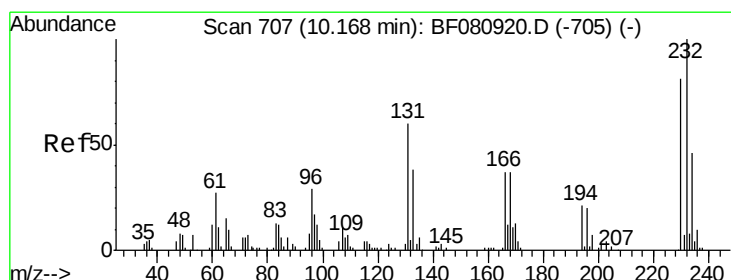
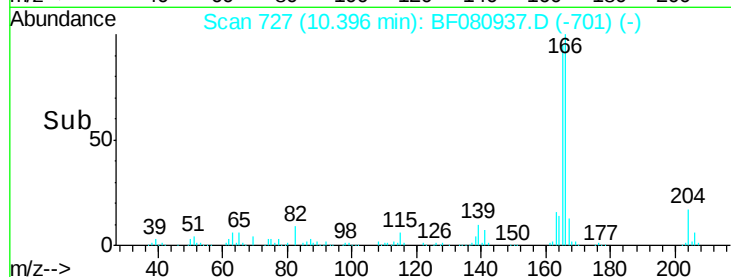
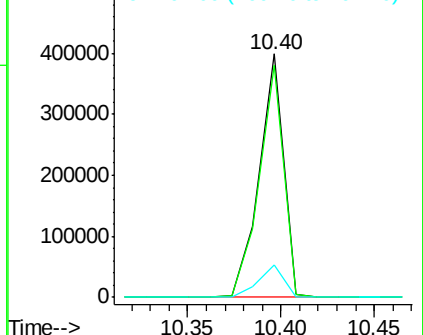
167 13.4 10.8 16.2



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: 38.56 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Tgt Ion:232 Resp: 77289

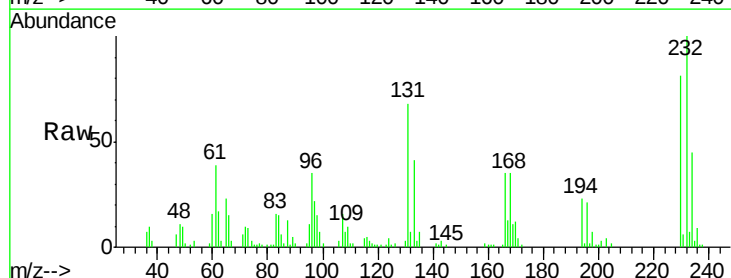
Ion Ratio Lower Upper

232 100

131 49.0 39.4 59.2

130 2.4 2.1 3.1

166 28.1 21.7 32.5

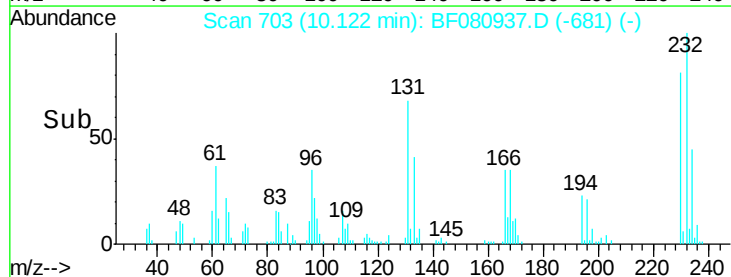
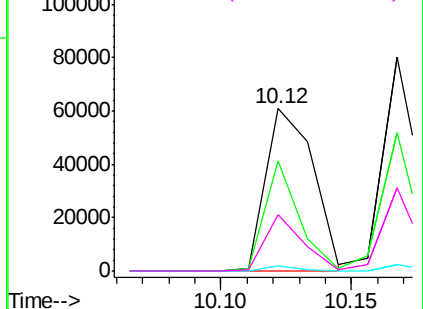


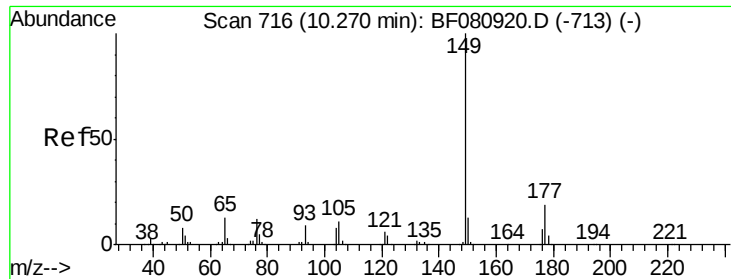
Abundance Ion 232.00 (231.70 to 232.70): E

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

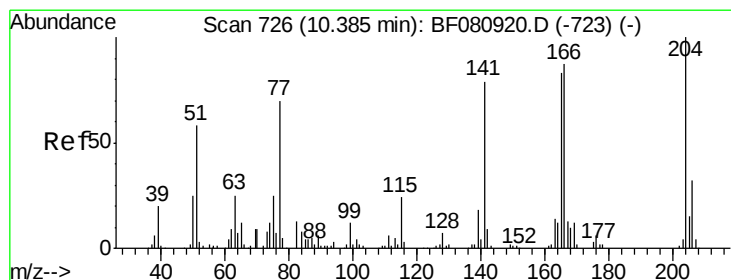
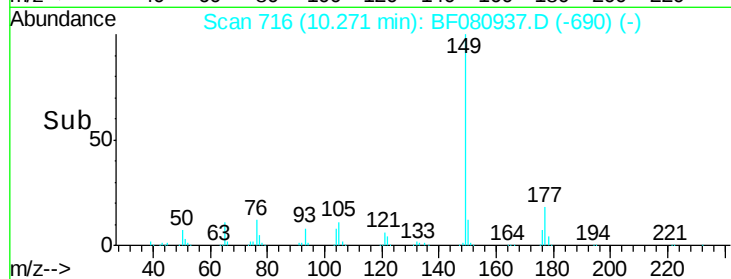
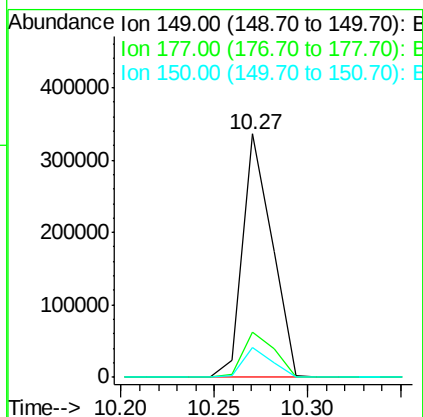
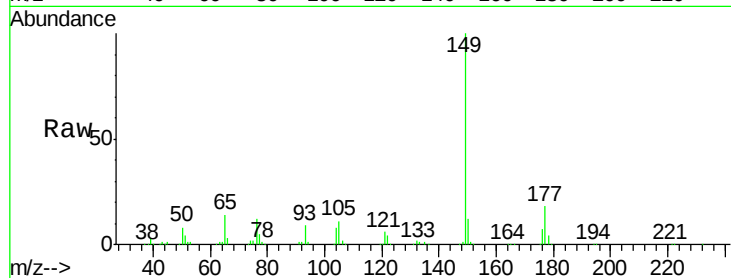




#59
Diethylphthalate
Concen: 38.20 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

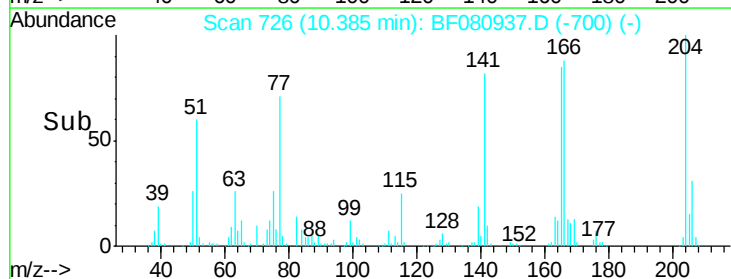
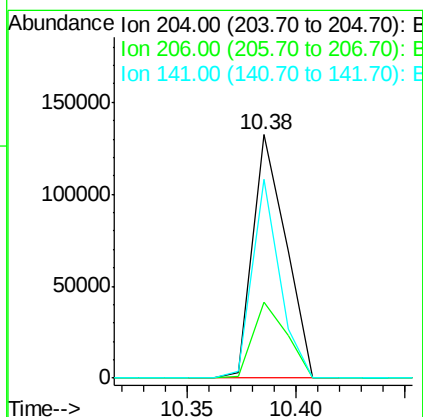
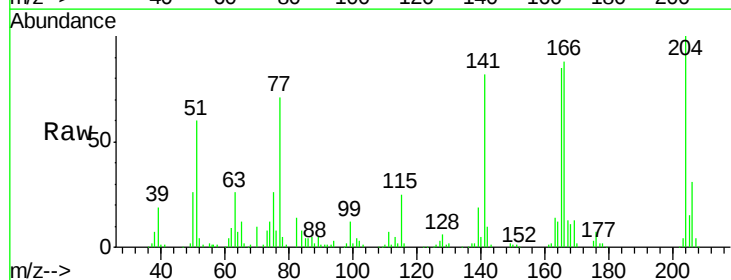
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 367448
Ion Ratio Lower Upper
149 100
177 18.4 15.0 22.4
150 12.5 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 34.72 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:204 Resp: 140254
Ion Ratio Lower Upper
204 100
206 30.9 25.5 38.3
141 81.6 63.4 95.0

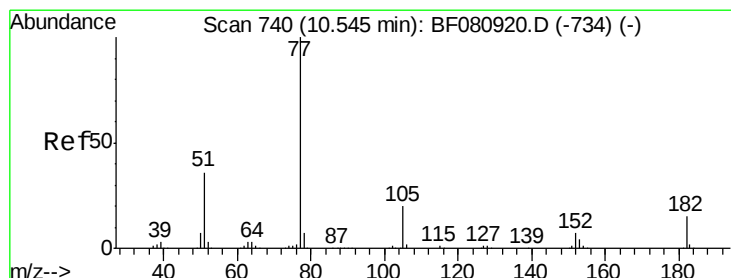
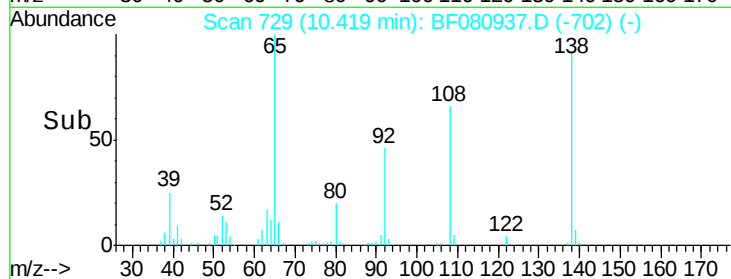
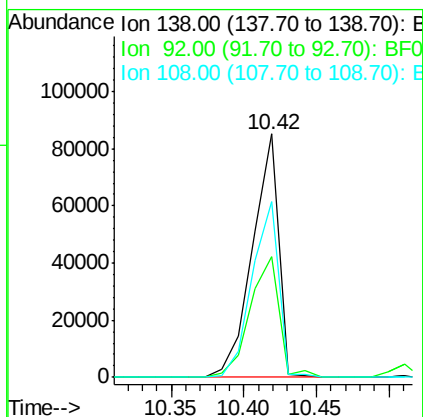
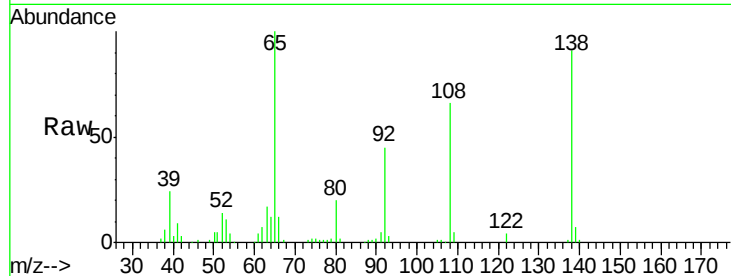




#61
4-Nitroaniline
Concen: 43.90 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

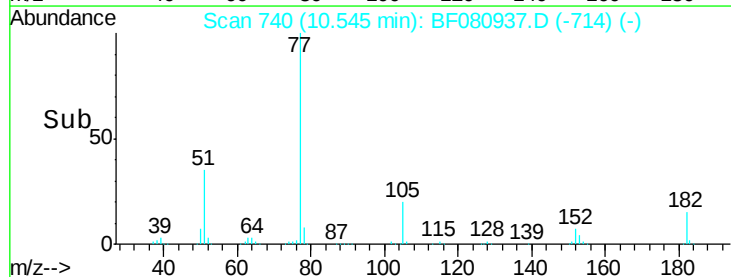
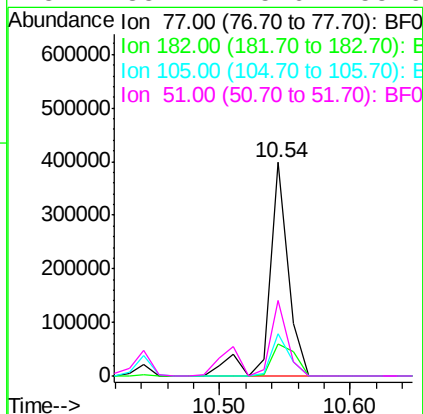
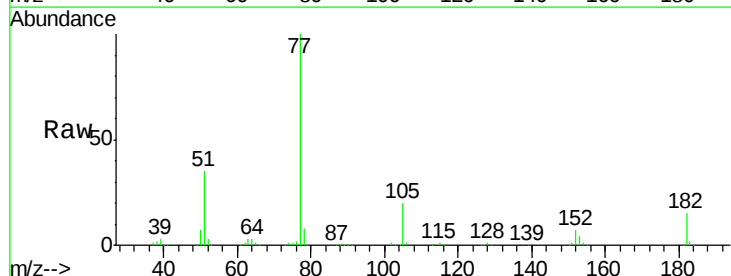
Instrument :
BNA_F
ClientSampleId :

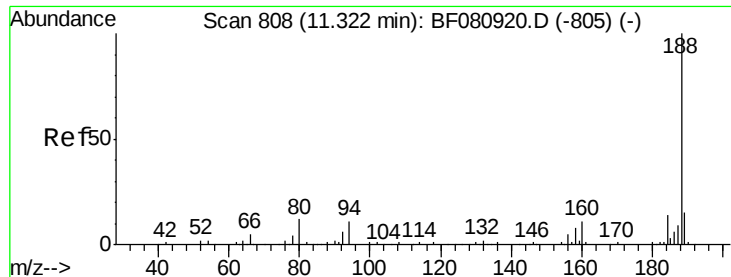
Tot Ion:138 Resp: 106313
Ion Ratio Lower Upper
138 100
92 49.7 38.1 78.1
108 72.3 59.9 99.9



#62
Azobenzene
Concen: 37.68 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion: 77 Resp: 405258
Ion Ratio Lower Upper
77 100
182 14.9 0.0 35.5
105 19.9 0.5 40.5
51 35.2 15.6 55.6

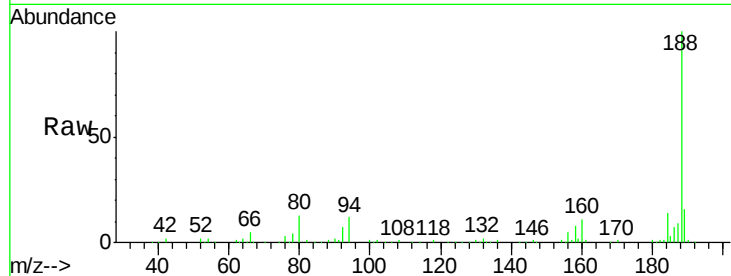




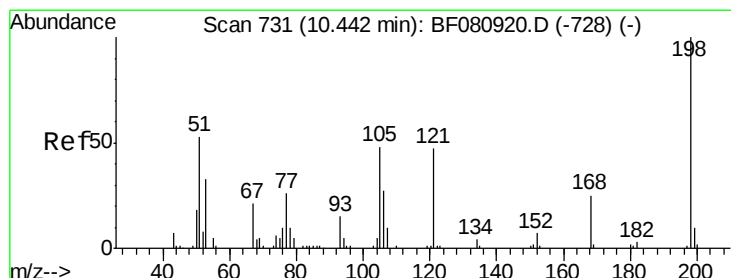
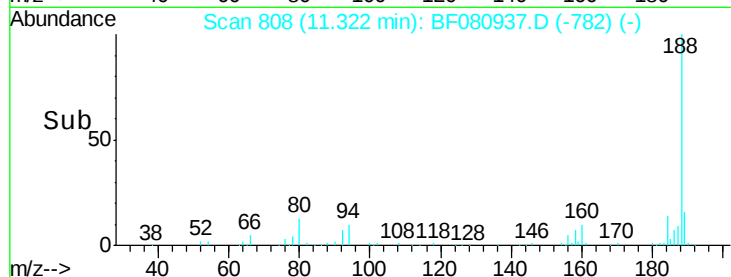
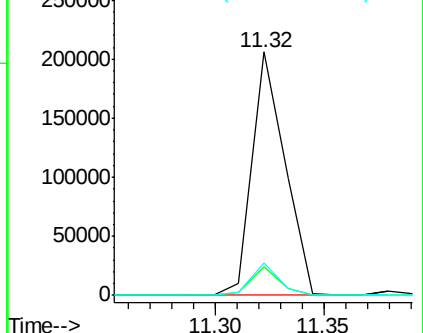
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 216850
Ion Ratio Lower Upper
188 100
94 11.7 8.8 13.2
80 13.2 9.5 14.3

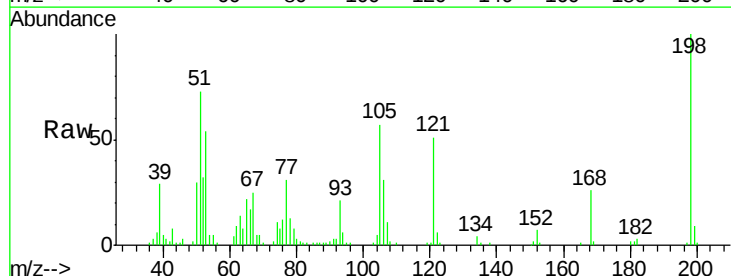


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

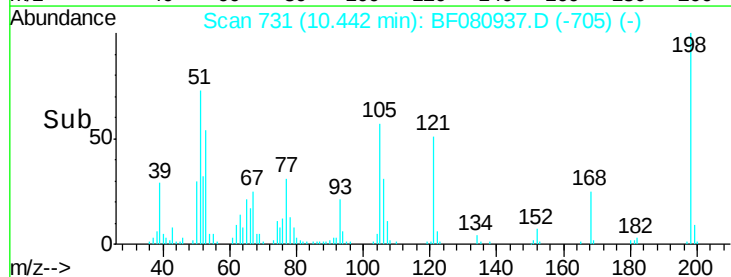
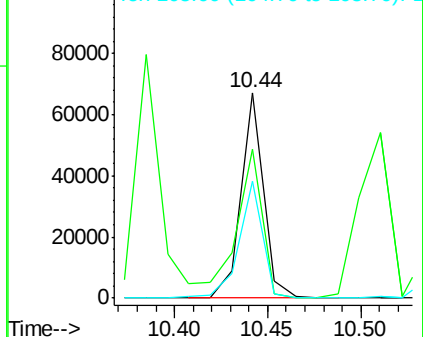


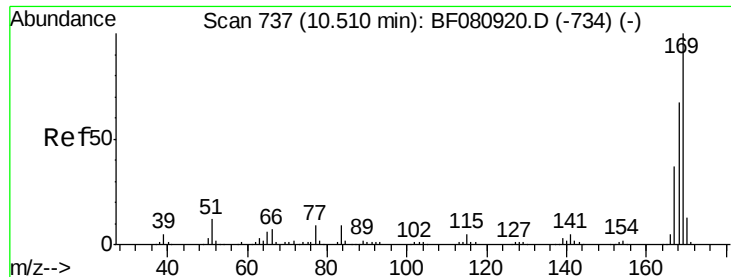
#64
4,6-Dinitro-2-methylphenol
Concen: 41.89 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:198 Resp: 56290
Ion Ratio Lower Upper
198 100
51 72.6 40.3 80.3
105 56.7 29.6 69.6



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

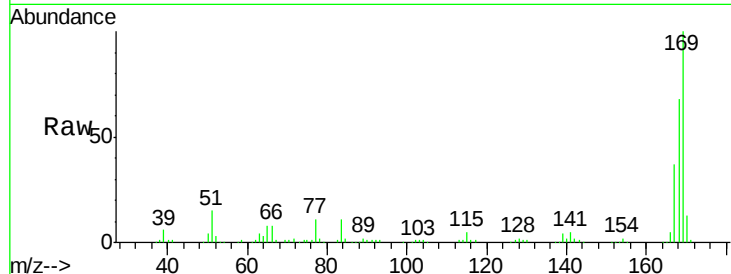




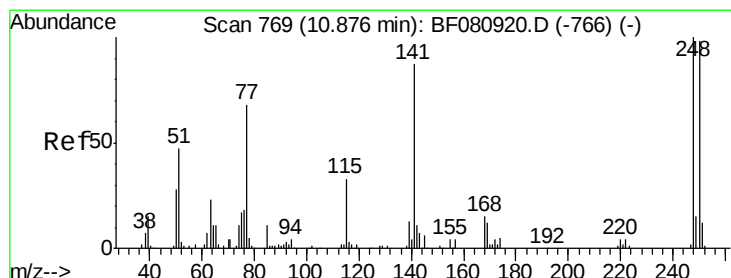
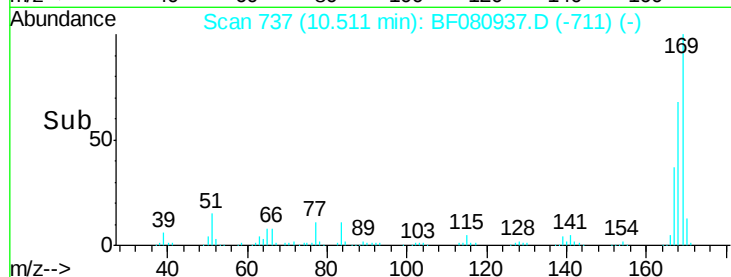
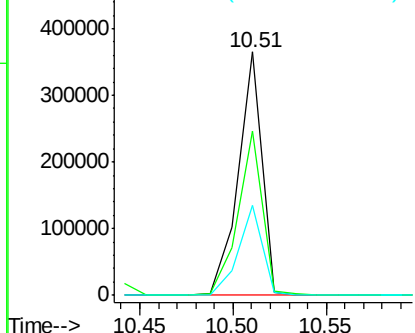
#65
 n-Nitrosodiphenylamine
 Concen: 43.27 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 326006
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.7 80.5
 167 37.1 29.3 43.9

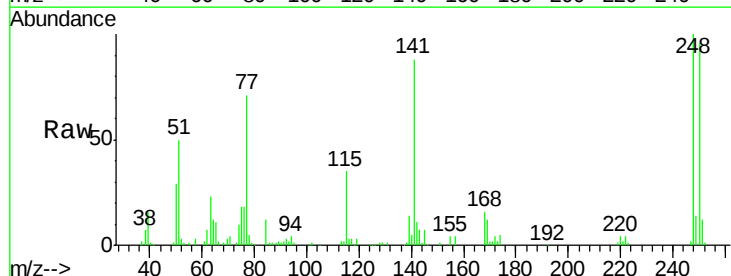


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

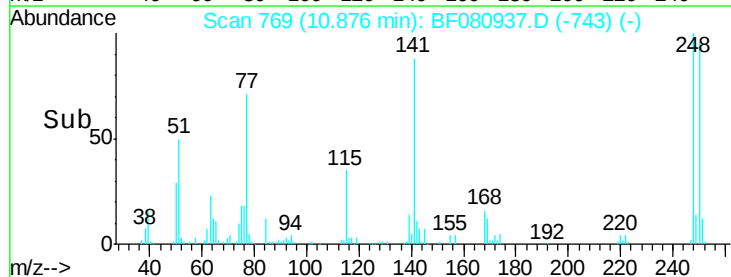
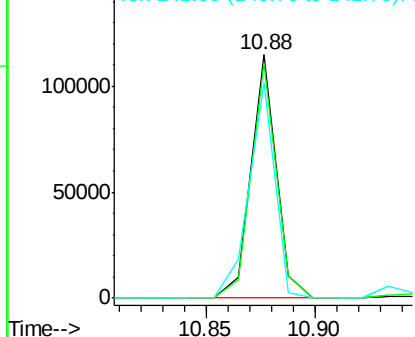


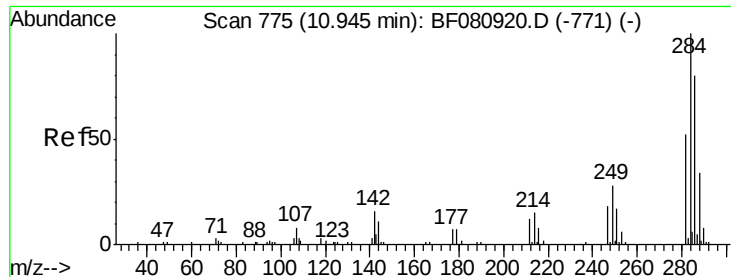
#66
 4-Bromophenyl-phenylether
 Concen: 40.36 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:248 Resp: 92708
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.1 117.1
 141 88.4 69.6 104.4



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

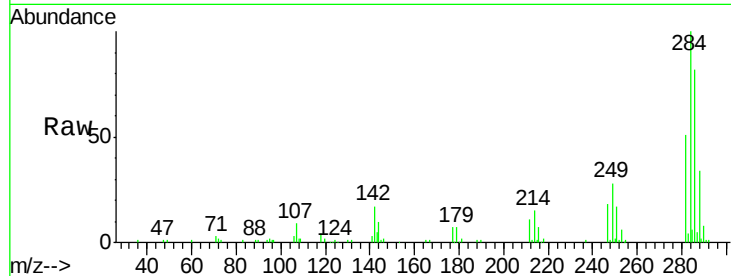




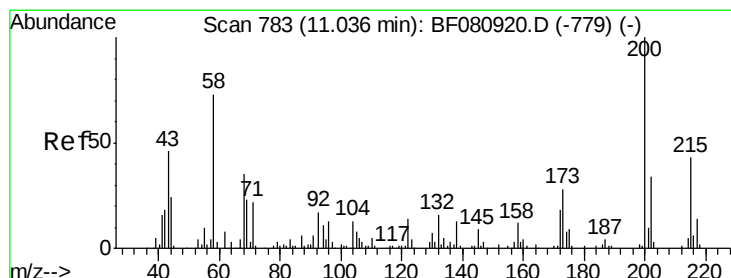
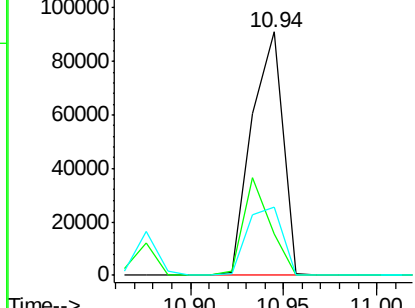
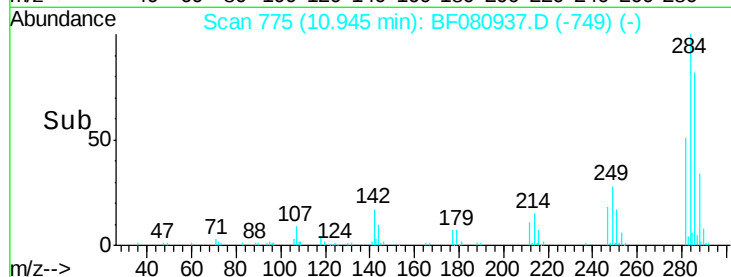
#67
Hexachlorobenzene
Concen: 41.13 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 105021
Ion Ratio Lower Upper
284 100
142 17.1 12.8 19.2
249 28.1 22.5 33.7

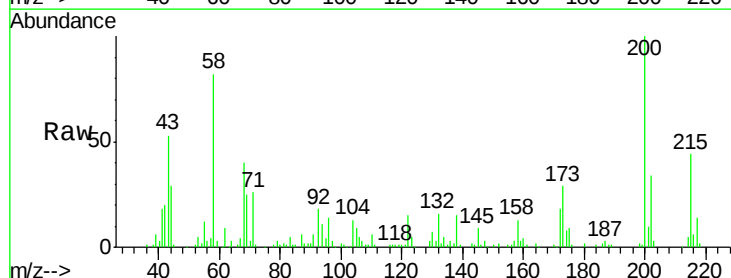


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

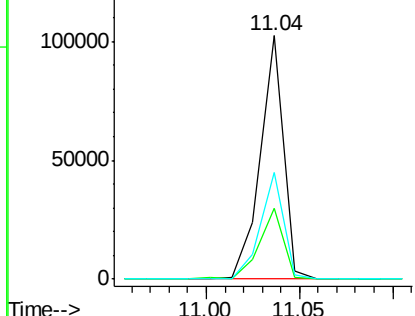
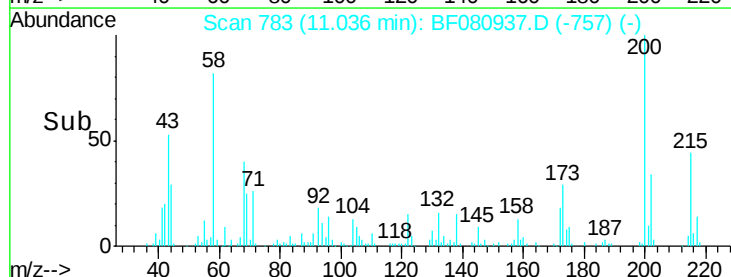


#68
Atrazine
Concen: 40.45 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:200 Resp: 89352
Ion Ratio Lower Upper
200 100
173 28.9 8.4 48.4
215 43.6 22.7 62.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

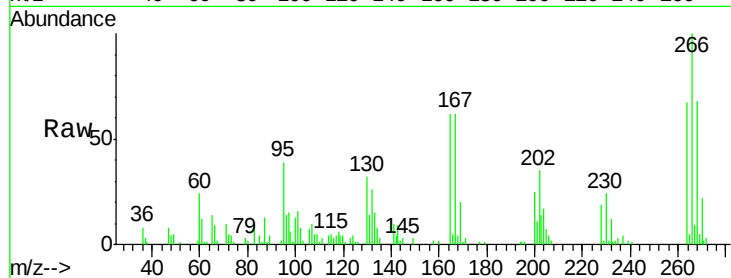




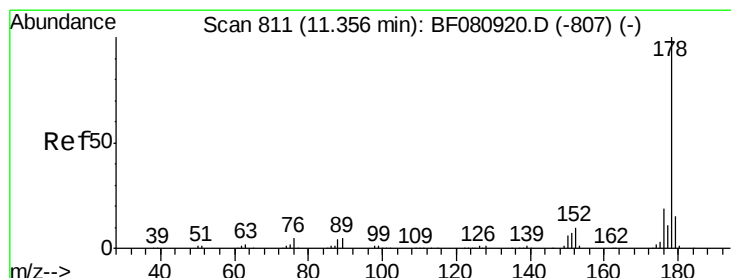
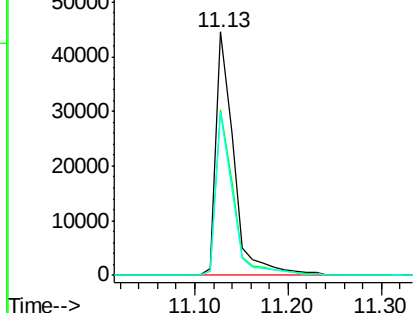
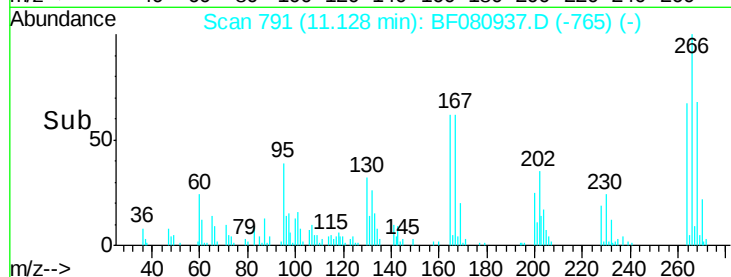
#69
 Pentachlorophenol
 Concen: 39.84 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 59155
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.6 77.4
 264 67.0 50.1 75.1

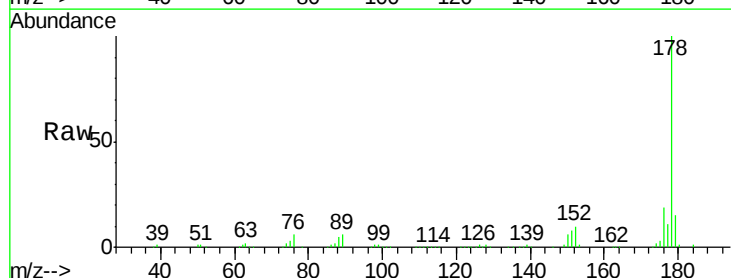


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

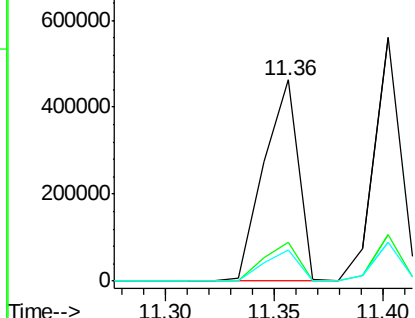
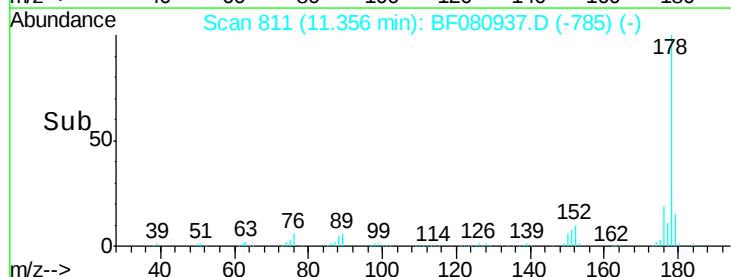


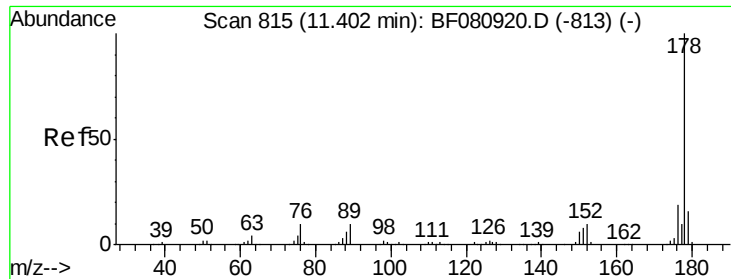
#70
 Phenanthrene
 Concen: 41.80 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:178 Resp: 513304
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.3 11.9 17.9



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

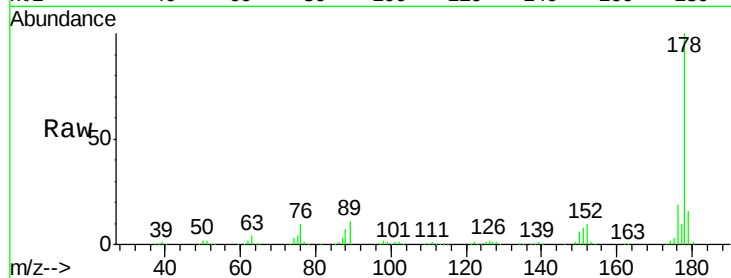




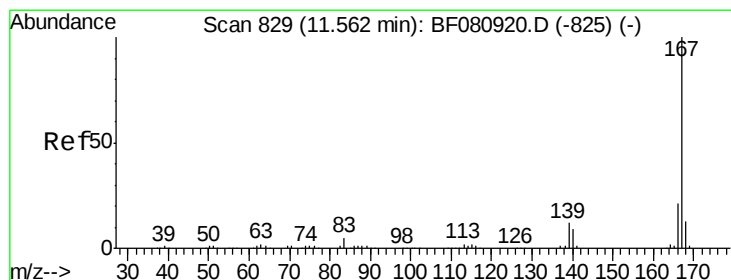
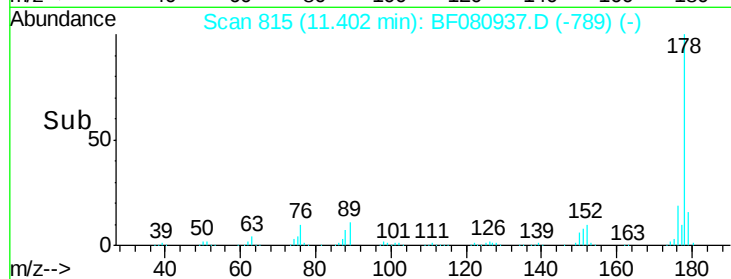
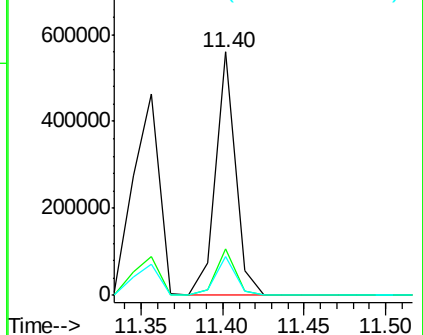
#71
 Anthracene
 Concen: 38.99 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 473960
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.8 12.6 18.8

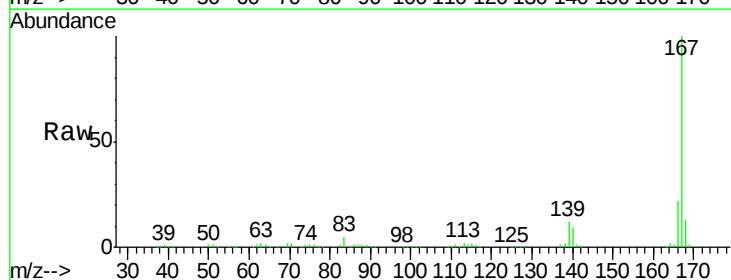


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

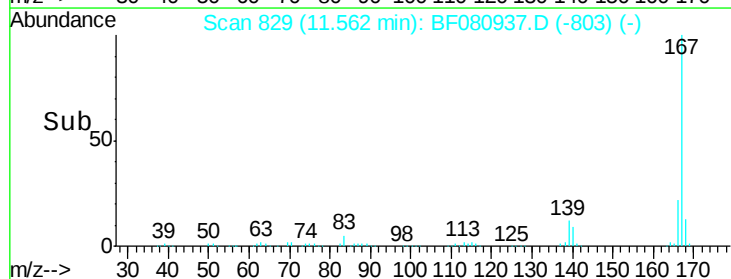
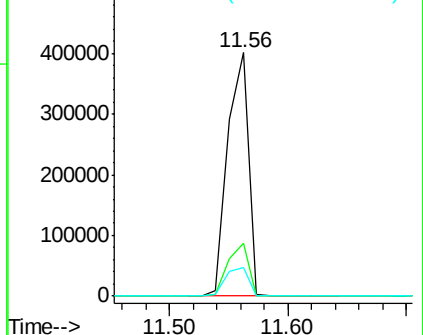


#72
 Carbazole
 Concen: 41.06 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:167 Resp: 485984
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 11.9 9.2 13.8



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: 40.54 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

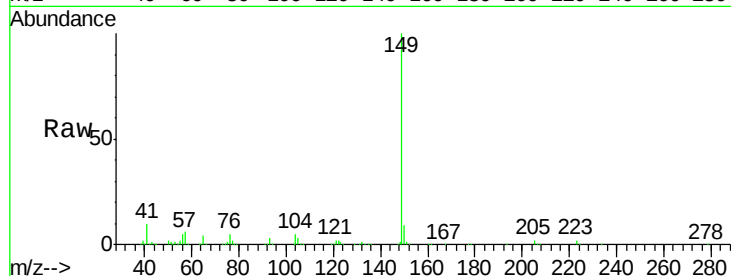
Tot Ion:149 Resp: 600030

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

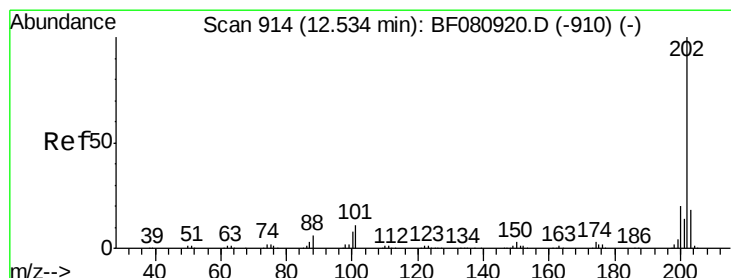
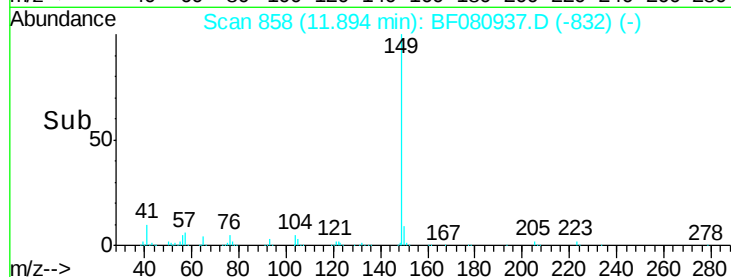
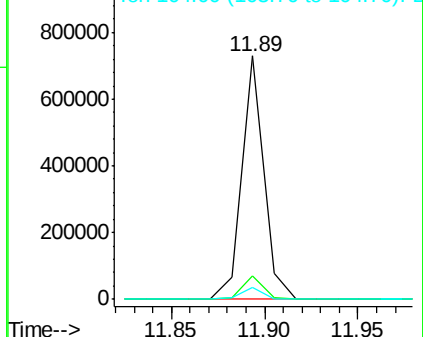
104 5.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.03 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

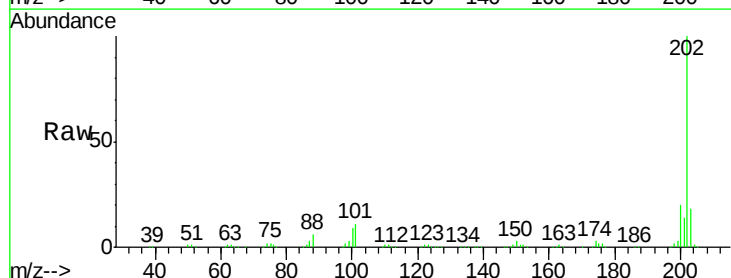
Tgt Ion:202 Resp: 531414

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.5

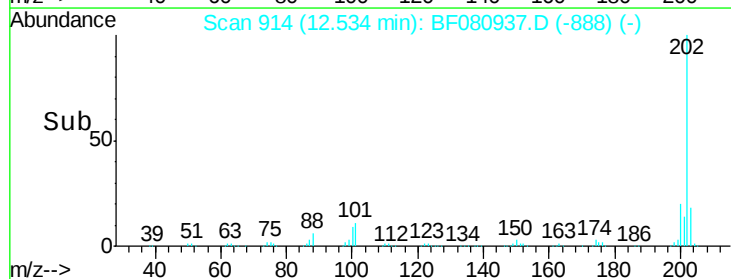
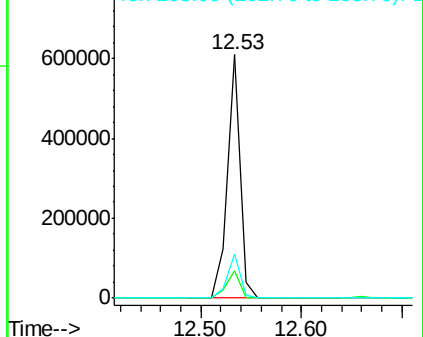
203 17.9 0.0 37.7

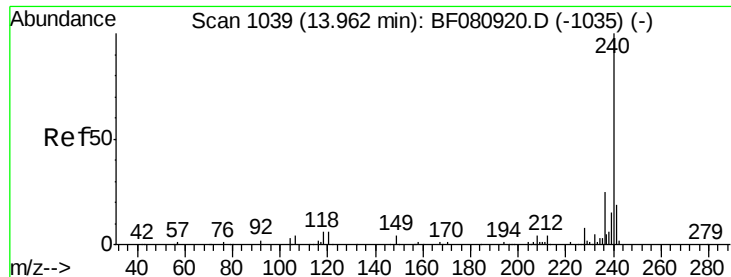


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

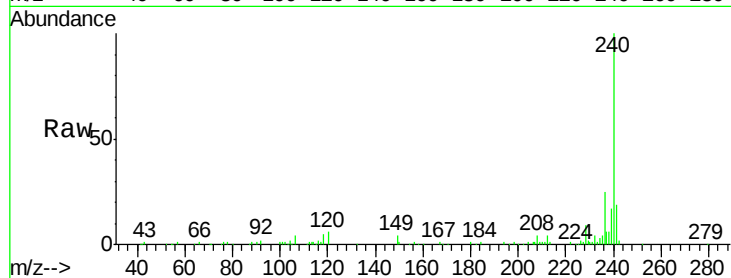
Tot Ion:240 Resp: 160080

Ion Ratio Lower Upper

240 100

120 5.7 5.2 7.8

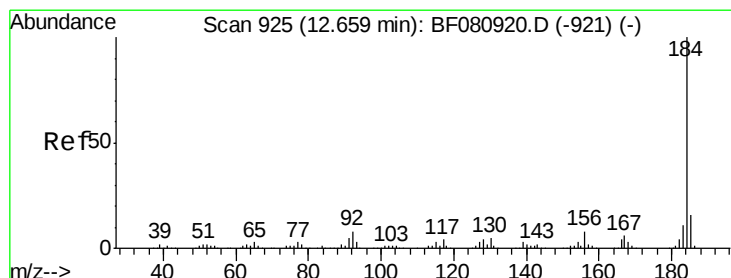
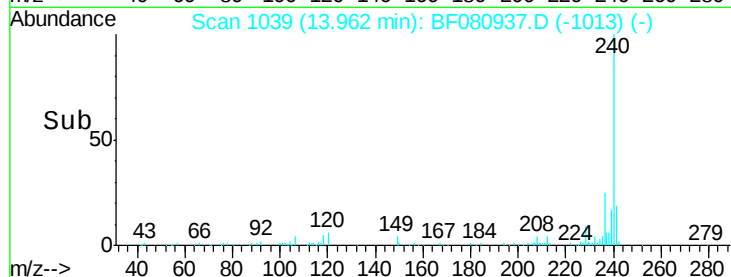
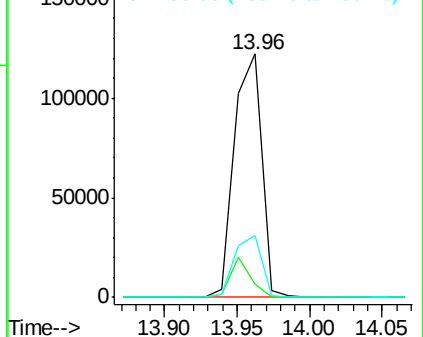
236 25.4 20.2 30.4



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: Below Cal

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

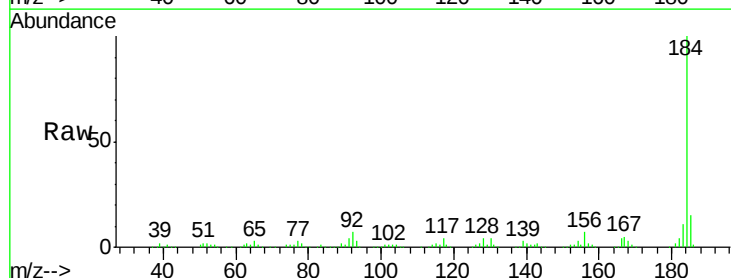
Tgt Ion:184 Resp: 313929

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.4

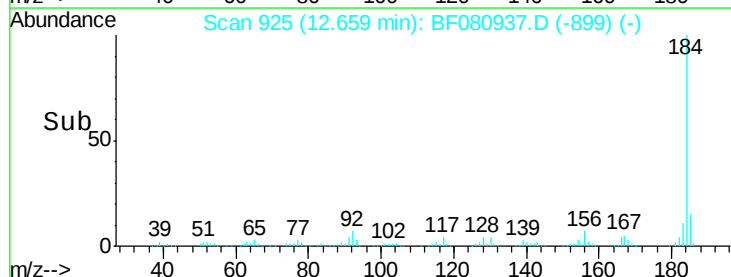
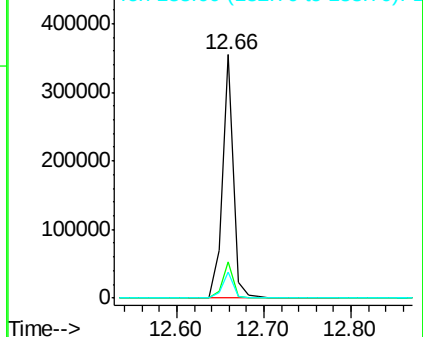
183 10.7 8.7 13.1

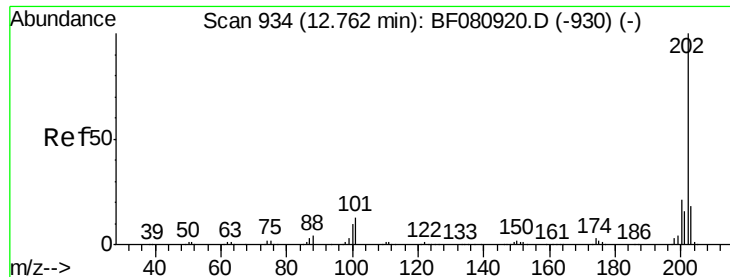


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

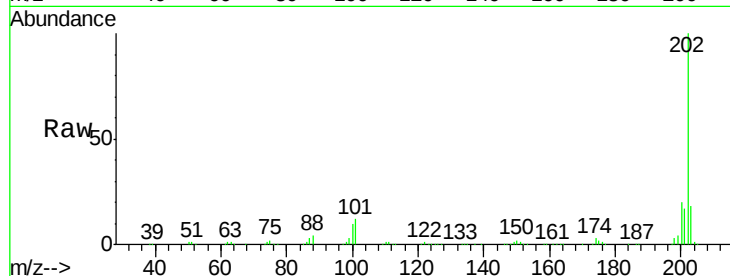




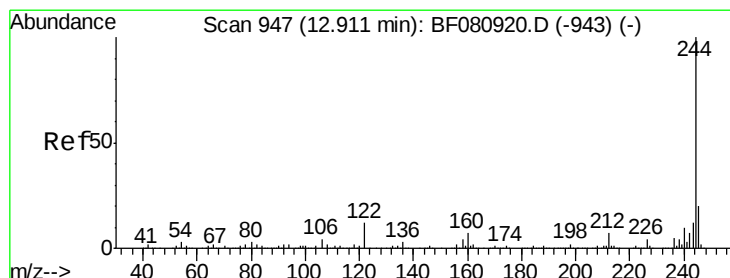
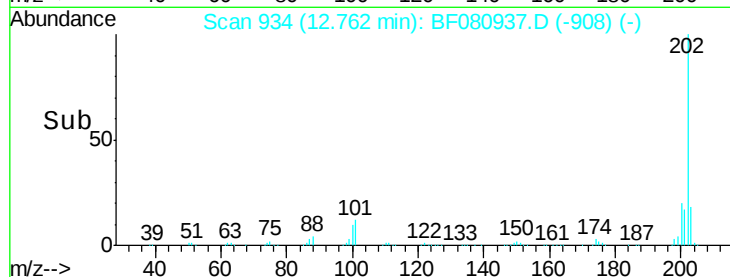
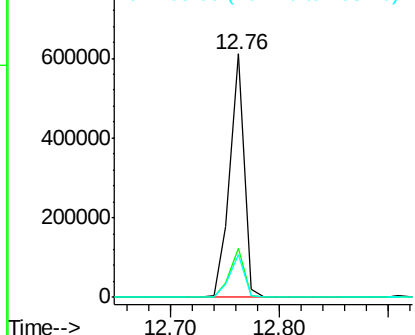
#77
 Pvrene
 Concen: 47.34 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.6	14.2	21.2

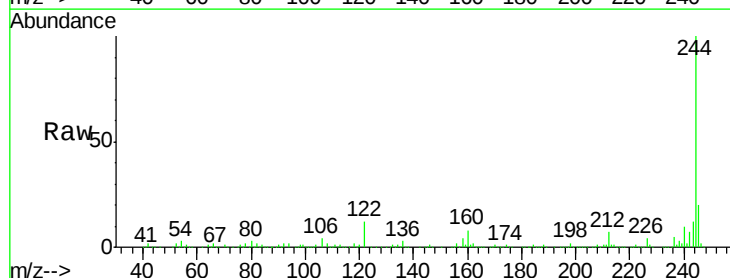


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

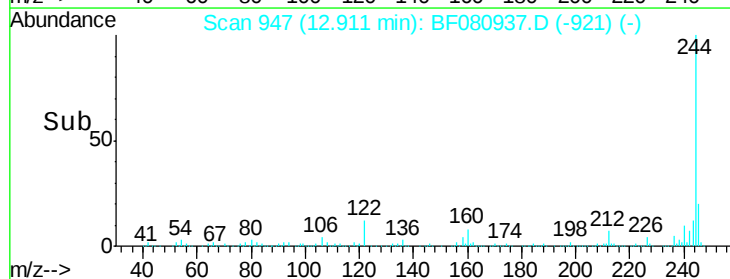
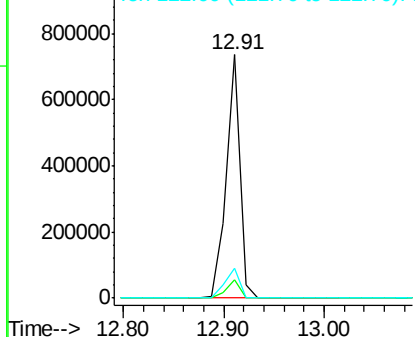


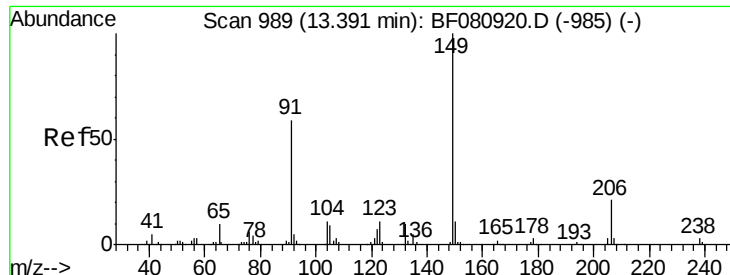
#78
 Terphenyl-d14
 Concen: 89.36 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.0	9.4	14.2



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

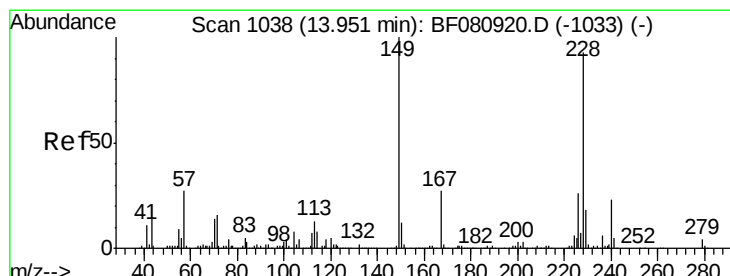
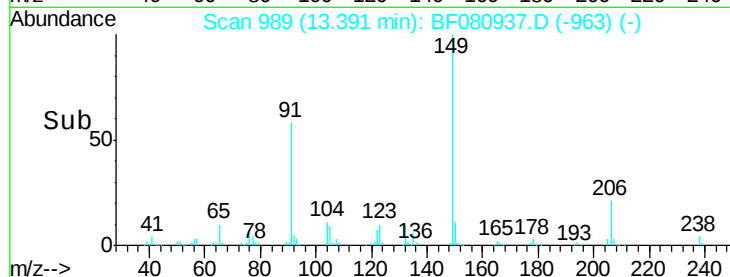
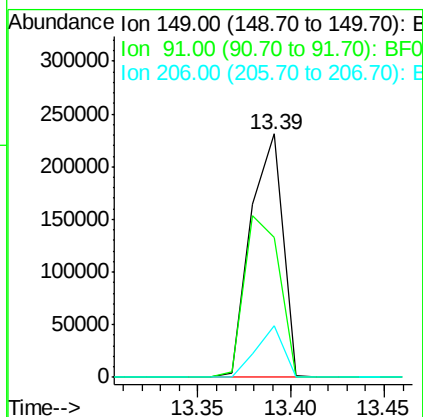
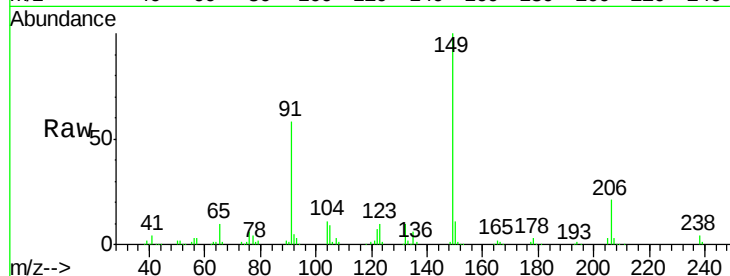




#79
Butylbenzylphthalate
Concen: 48.20 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

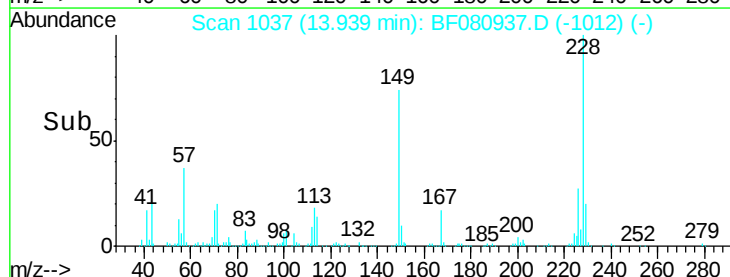
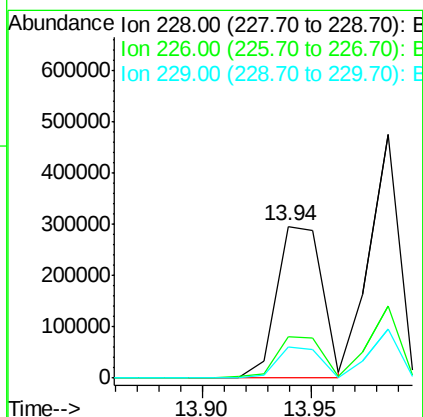
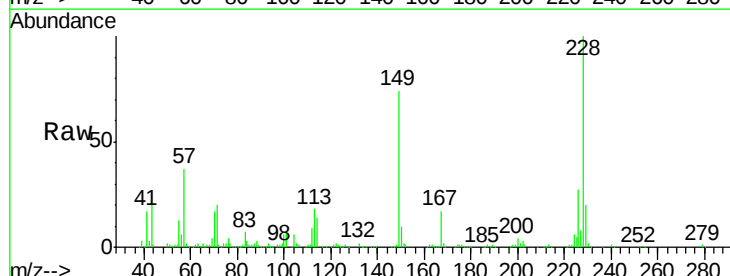
Instrument :
BNA_F
ClientSampleId :

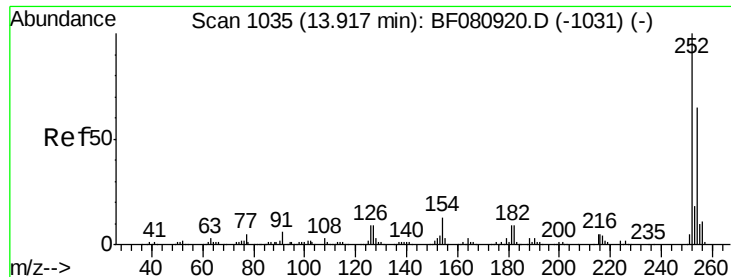
Tot Ion:149 Resp: 274780
Ion Ratio Lower Upper
149 100
91 57.5 47.2 70.8
206 21.2 16.5 24.7



#80
Benzo(a)anthracene
Concen: 42.73 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080937.D
Acq: 7 Aug 2015 20:29

Tgt Ion:228 Resp: 432102
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 20.3 15.8 23.6

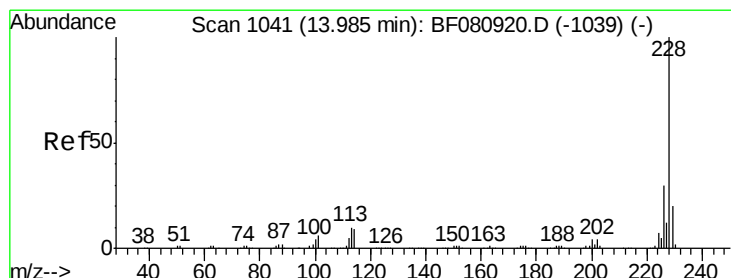
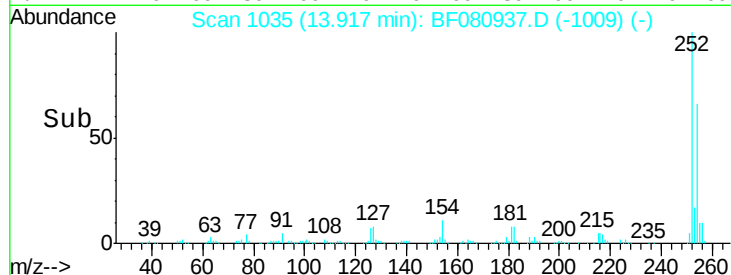
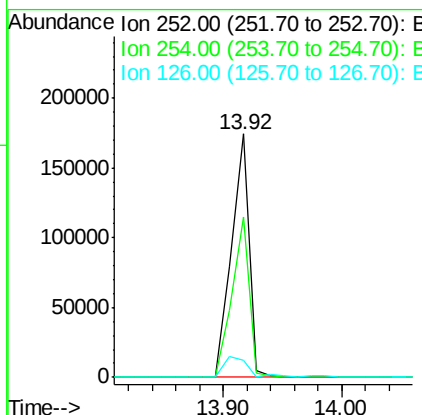
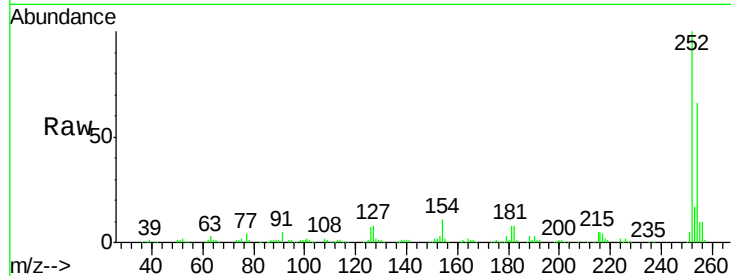




#81
 3,3'-Dichlorobenzidine
 Concen: 48.74 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

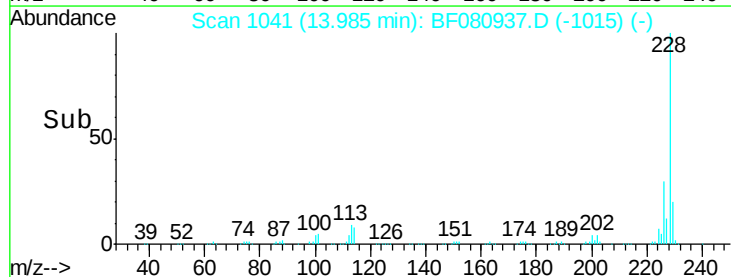
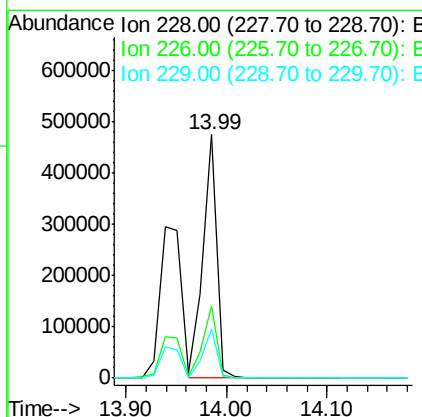
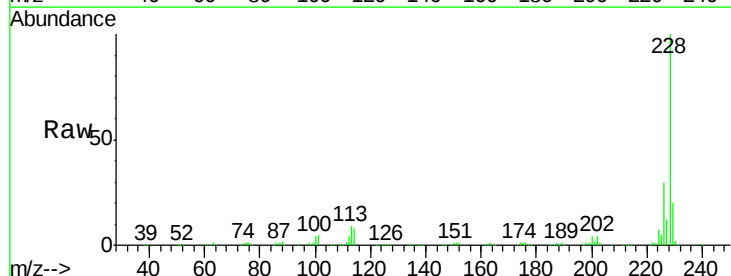
Instrument :
 BNA_F
 ClientSampleId :

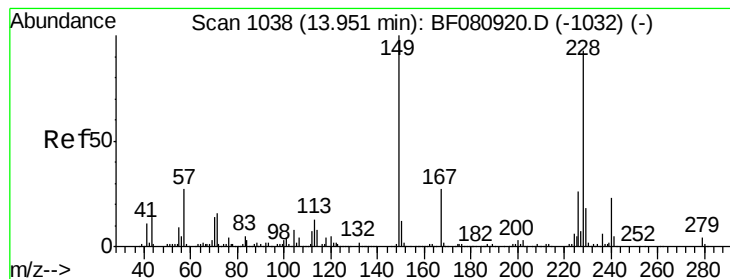
Tot Ion:252 Resp: 179272
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.7 77.5
 126 7.2 7.1 10.7



#82
 Chrysene
 Concen: 46.75 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion:228 Resp: 452608
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.9 35.9
 229 20.0 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.60 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

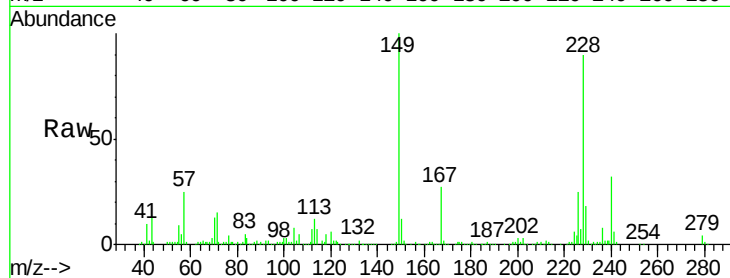
Tot Ion:149 Resp: 377559

Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

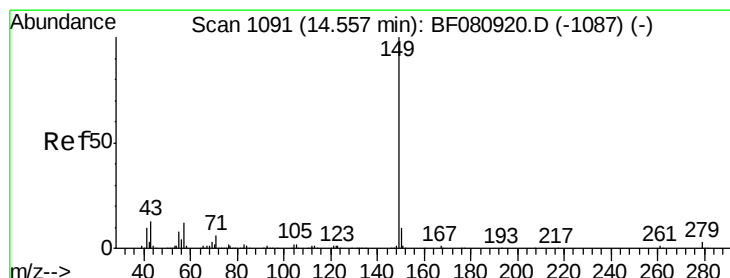
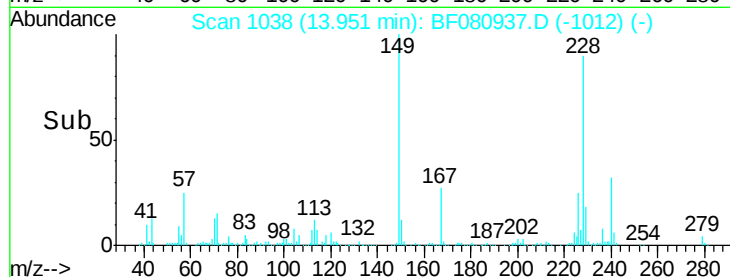
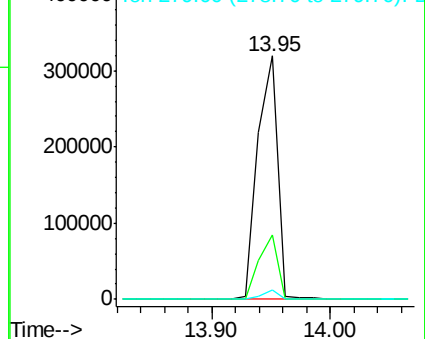
279 3.9 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.38 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

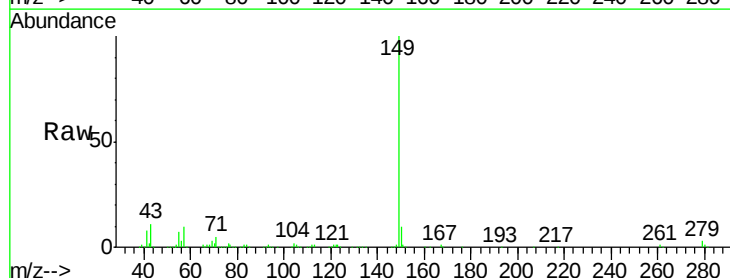
Tgt Ion:149 Resp: 664084

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

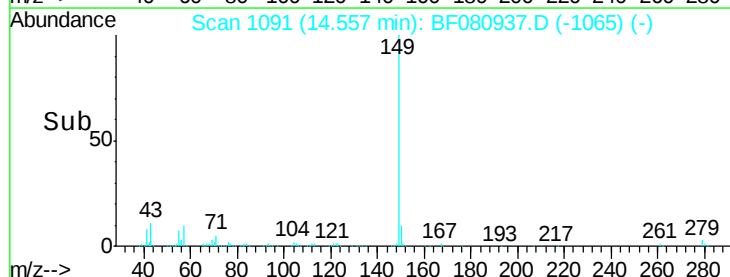
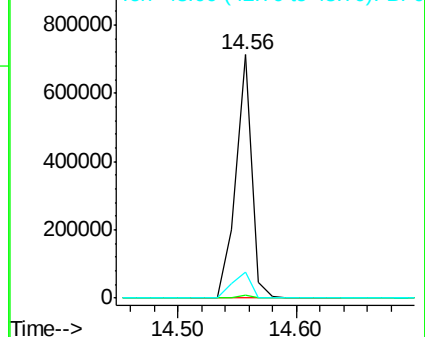
43 13.0 11.0 16.4

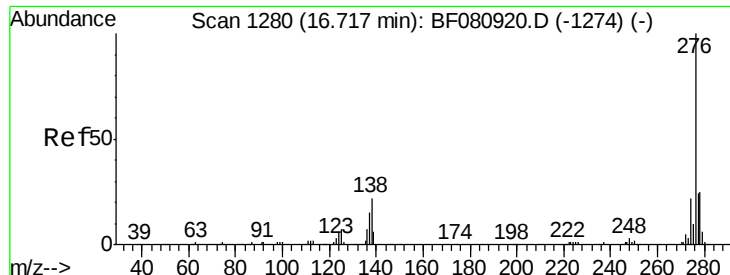


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

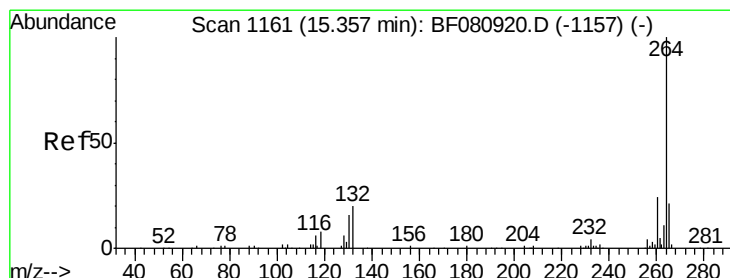
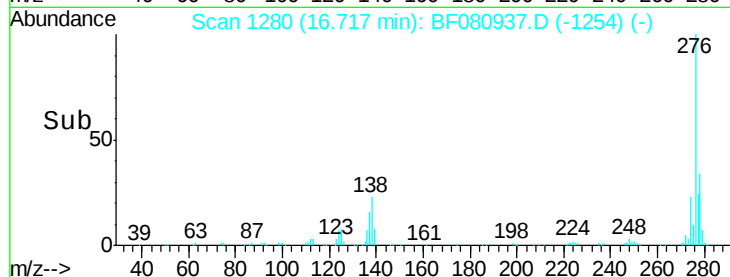
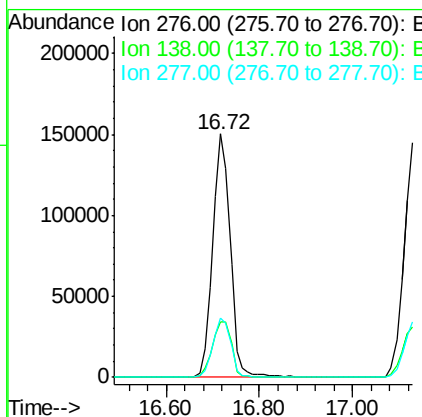
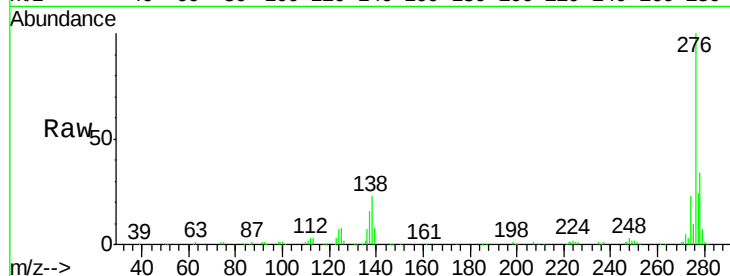




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.86 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

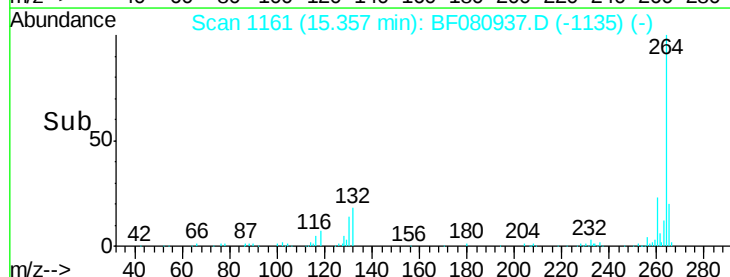
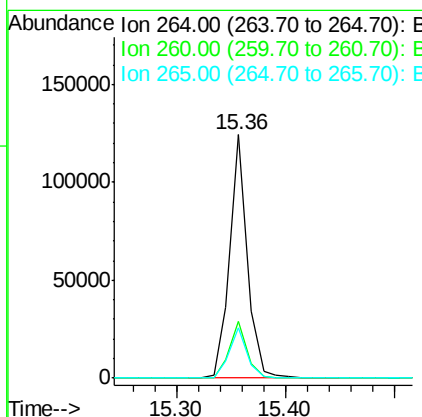
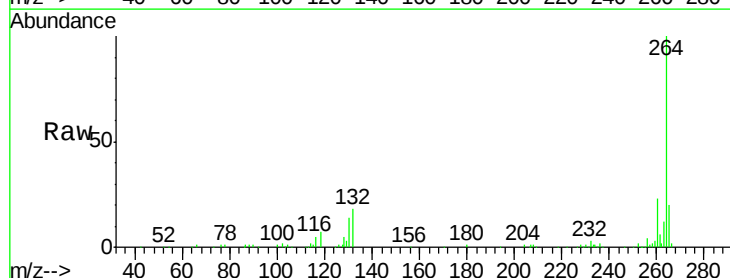
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	24.7	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	20.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 77.51 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

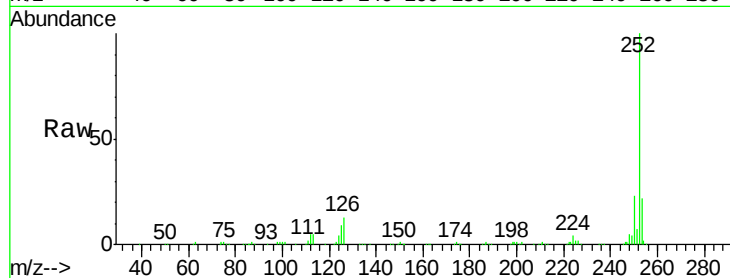
Tot Ion:252 Resp: 747910

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

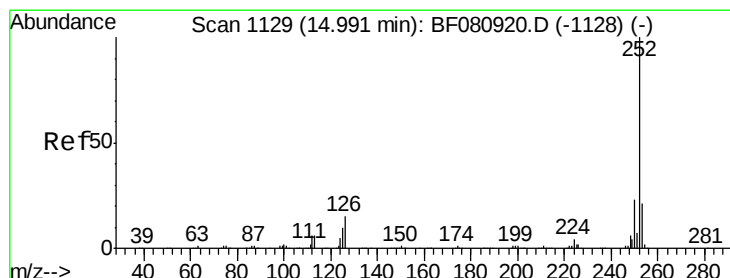
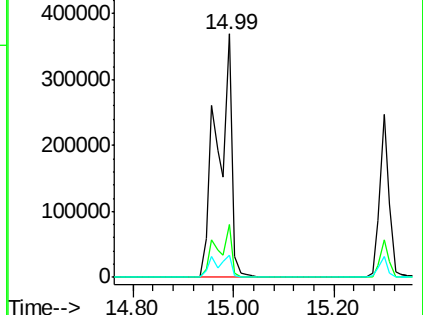
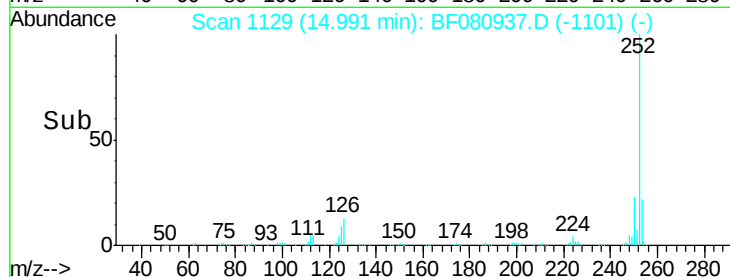
125 8.9 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.61 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

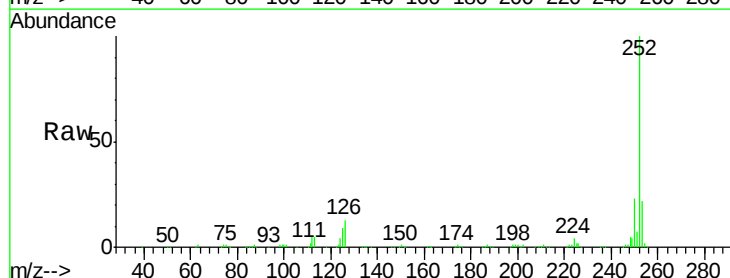
Tgt Ion:252 Resp: 747919

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

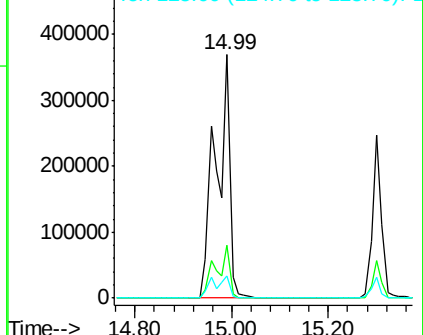
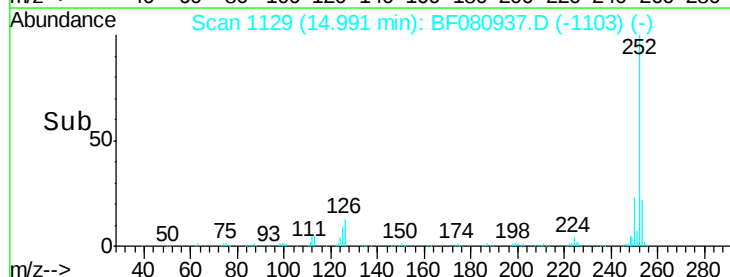
125 8.9 9.0 13.6#

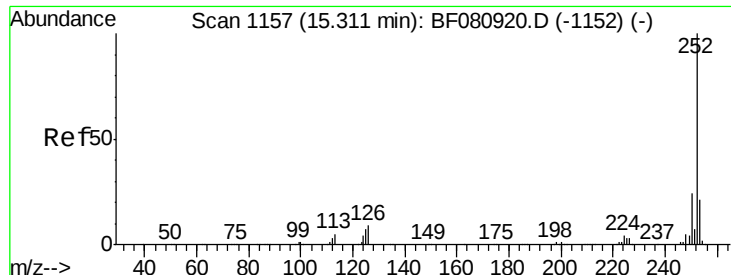


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.16 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

Instrument :

BNA_F

ClientSampleId :

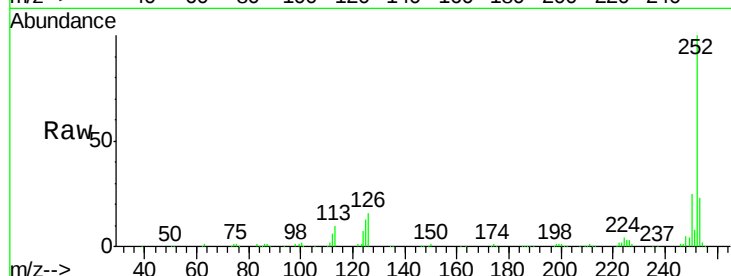
Tot Ion:252 Resp: 324757

Ion Ratio Lower Upper

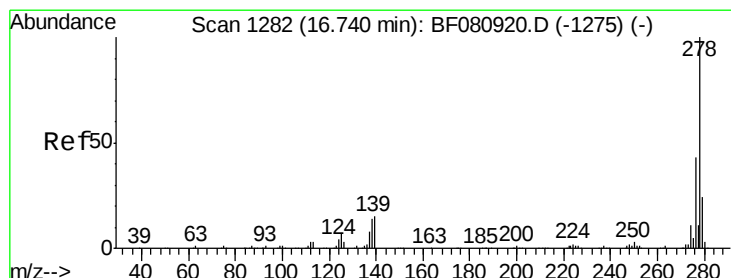
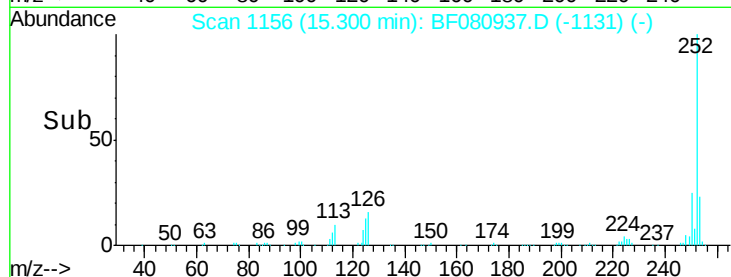
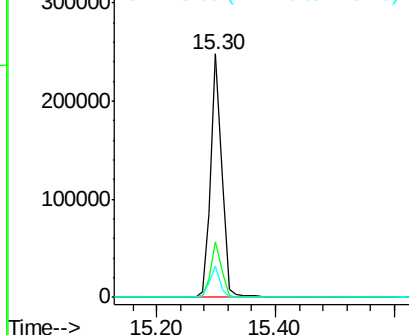
252 100

253 22.6 16.9 25.3

125 12.8 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.50 ng

RT: 16.74 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF080937.D

Acq: 7 Aug 2015 20:29

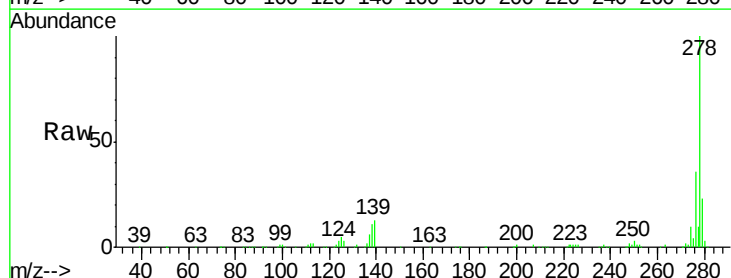
Tgt Ion:278 Resp: 326405

Ion Ratio Lower Upper

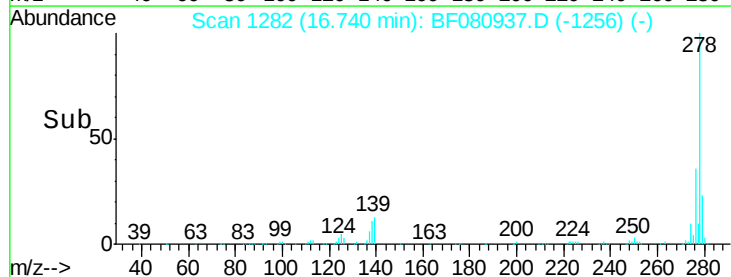
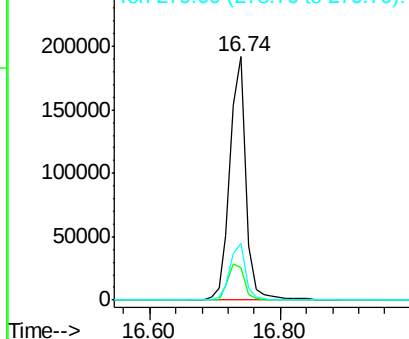
278 100

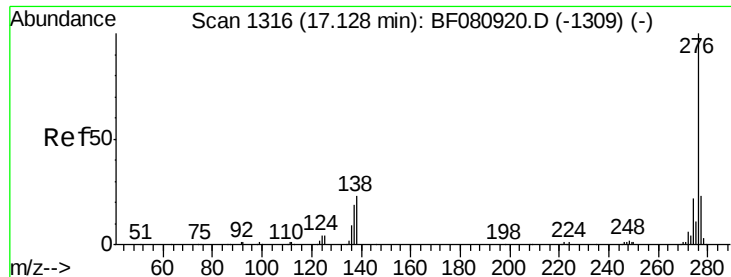
139 13.2 11.9 17.9

279 23.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

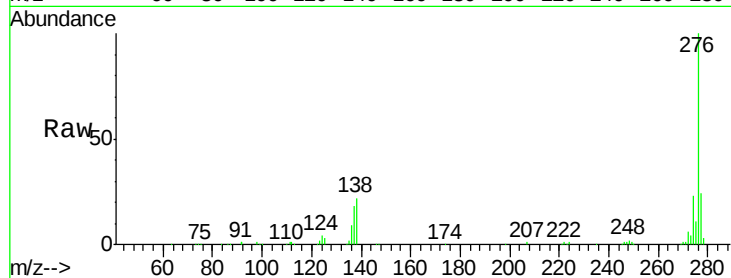




#91
 Benzo(a,h,i)perylene
 Concen: 45.33 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF080937.D
 Acq: 7 Aug 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	21.6	18.4	27.6



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

