

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080849.D
 Acq On : 4 Aug 2015 20:49
 Operator : TP/UM
 Sample : PB84679BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Quant Time: Aug 05 02:34:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	70446	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	281570	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	125078	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	206303	20.00	ng	0.00
75) Chrysene-d12	13.96	240	112579	20.00	ng	0.00
86) Perylene-d12	15.37	264	95123	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	383548	82.40	ng	0.01
7) Phenol-d6	6.45	99	555719	91.33	ng	0.00
23) Nitrobenzene-d5	7.39	82	511679	85.64	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	110562	91.66	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	748563	80.59	ng	0.00
78) Terphenyl-d14	12.92	244	585975	94.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	81943	35.91	ng	99
3) Pyridine	3.26	79	237023	37.69	ng	100
4) n-Nitrosodimethylamine	3.22	42	125599	38.93	ng	100
6) Aniline	6.49	93	220704	24.93	ng	97
8) 2-Chlorophenol	6.61	128	216454	41.51	ng	98
9) Benzaldehyde	6.37	77	53223	12.54	ng	91
10) Phenol	6.48	94	262651	36.28	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	231082	42.74	ng	99
12) 1,3-Dichlorobenzene	6.76	146	206201	36.90	ng	98
13) 1,4-Dichlorobenzene	6.84	146	214128	38.18	ng	98
14) 1,2-Dichlorobenzene	6.84	146	214128	40.47	ng	96
15) Benzyl Alcohol	6.97	79	178904	45.02	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	441387	42.18	ng	100
17) 2-Methylphenol	7.08	107	180218	39.46	ng	97
18) Hexachloroethane	7.33	117	84853	39.81	ng	# 78
19) n-Nitroso-di-n-propylamine	7.24	70	155135	39.47	ng	100
20) 3+4-Methylphenols	7.23	107	215607	40.71	ng	# 89
22) Acetophenone	7.24	105	293019	42.61	ng	96
24) Nitrobenzene	7.40	77	237147	38.27	ng	# 86
25) Isophorone	7.65	82	454400	42.92	ng	99
26) 2-Nitrophenol	7.72	139	103183	40.59	ng	97
27) 2,4-Dimethylphenol	7.77	122	221663	46.83	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	254324	39.07	ng	100
29) 2,4-Dichlorophenol	7.96	162	160118	40.98	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	176243	39.64	ng	98
31) Naphthalene	8.13	128	617542	40.26	ng	99
32) Benzoic acid	7.88	122	120896	38.25	ng	97
33) 4-Chloroaniline	8.18	127	107558	17.93	ng	95
34) Hexachlorobutadiene	8.25	225	97853	38.61	ng	99
35) Caprolactam	8.54	113	33773	30.27	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	185399	43.25	ng	96
37) 2-Methylnaphthalene	8.82	142	384998	41.89	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	158659	37.17	ng	98
40) Hexachlorocyclopentadiene	8.98	237	218730	85.33	ng	96

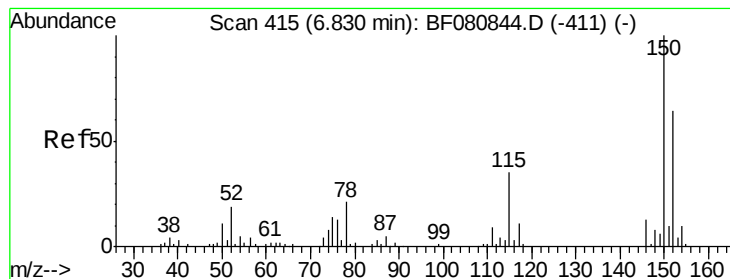
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	111233	38.45	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	113585	39.15	nq	# 82
45) 1,1'-Biphenyl	9.29	154	480303	41.66	nq	98
46) 2-Chloronaphthalene	9.31	162	357278	39.84	nq	99
47) 2-Nitroaniline	9.40	65	144023	44.12	nq	93
48) Acenaphthylene	9.72	152	583142	39.52	nq	100
49) Dimethylphthalate	9.58	163	345546	37.88	nq	99
50) 2,6-Dinitrotoluene	9.64	165	74838	39.23	nq	90
51) Acenaphthene	9.89	154	392173	44.21	nq	99
52) 3-Nitroaniline	9.81	138	59590	25.29	nq	97
53) 2,4-Dinitrophenol	9.92	184	86733	66.89	nq	# 49
54) Dibenzofuran	10.06	168	477485	40.36	nq	96
55) 4-Nitrophenol	9.97	139	138286	83.41	nq	99
56) 2,4-Dinitrotoluene	10.04	165	100081	41.55	nq	# 82
57) Fluorene	10.41	166	366413	40.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	85635	41.12	nq	98
59) Diethylphthalate	10.28	149	374416	41.46	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	152128	41.06	nq	97
61) 4-Nitroaniline	10.42	138	73433	34.92	nq	96
62) Azobenzene	10.56	77	443174	41.96	nq	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	61469	46.32	nq	70
65) n-Nitrosodiphenylamine	10.52	169	323588	40.94	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	95860	41.98	nq	94
67) Hexachlorobenzene	10.96	284	106123	42.55	nq	# 63
68) Atrazine	11.05	200	91549	44.50	nq	95
69) Pentachlorophenol	11.14	266	107796	79.32	nq	99
70) Phenanthrene	11.37	178	483951	40.60	nq	99
71) Anthracene	11.41	178	465047	40.15	nq	99
72) Carbazole	11.56	167	432151	39.55	nq	99
73) Di-n-butylphthalate	11.91	149	538642	41.64	nq	100
74) Fluoranthene	12.55	202	476533	41.05	nq	98
76) Benzidine	12.67	184	141140	25.90	nq	99
77) Pyrene	12.77	202	495420	49.05	nq	99
79) Butylbenzylphthalate	13.40	149	198815	48.13	nq	# 66
80) Benzo(a)anthracene	13.95	228	318384	42.28	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	60653	21.68	nq	98
82) Chrysene	14.00	228	317318	41.35	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	259511	47.05	nq	99
84) Di-n-octyl phthalate	14.57	149	418267	45.12	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	239074	37.94	nq	99
87) Benzo(b)fluoranthene	15.00	252	538483	75.68	nq	# 96
88) Benzo(k)fluoranthene	15.00	252	538483	98.32	nq	100
89) Benzo(a)pyrene	15.31	252	246261	42.40	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	202092	40.05	nq	99
91) Benzo(g,h,i)perylene	17.14	276	196299	40.25	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

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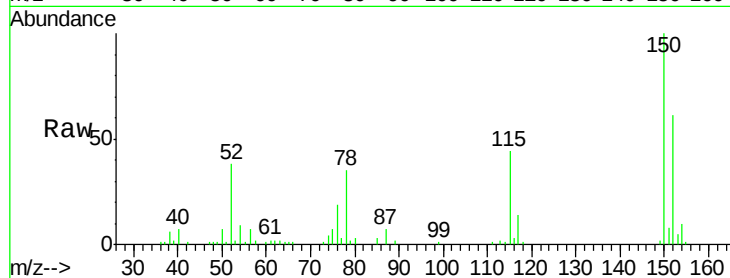
Tot Ion:152 Resp: 70446

Ion Ratio Lower Upper

152 100

150 164.1 124.6 187.0

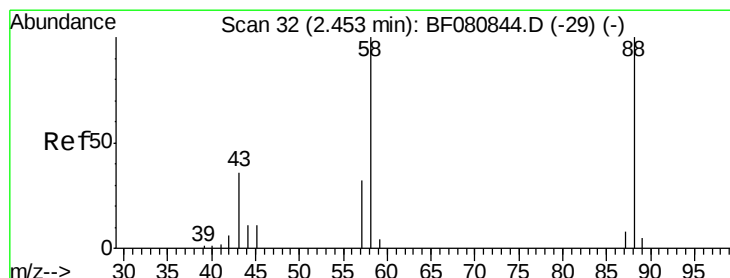
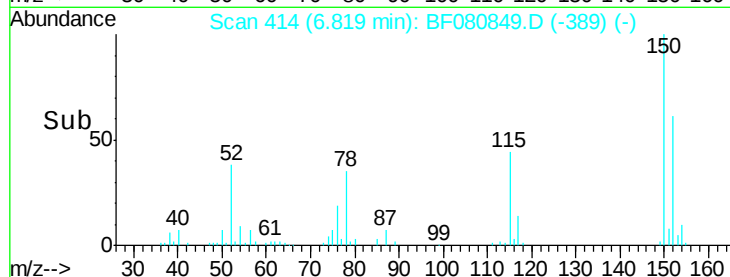
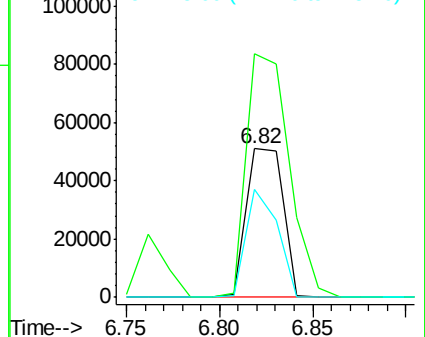
115 72.5 44.2 66.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.91 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.11 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

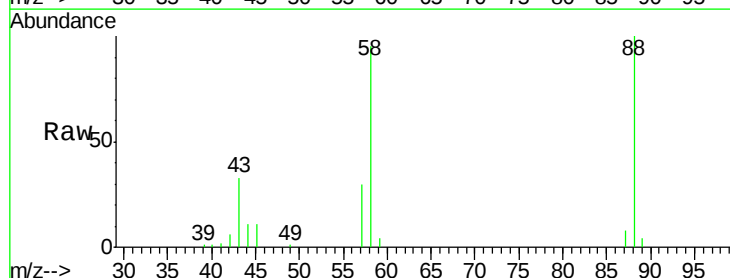
Tgt Ion: 88 Resp: 81943

Ion Ratio Lower Upper

88 100

58 99.7 79.2 118.8

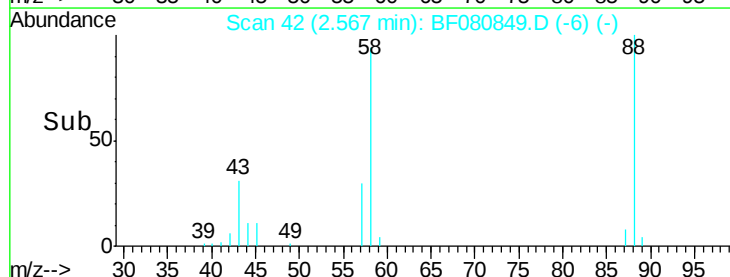
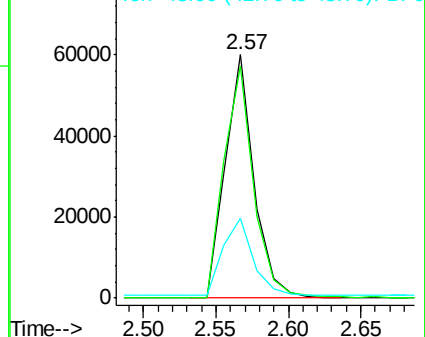
43 34.1 28.1 42.1

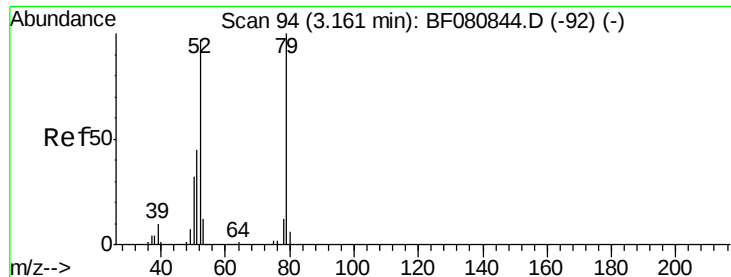


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.69 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.10 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

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ClientSampleId :

PB84679BSD

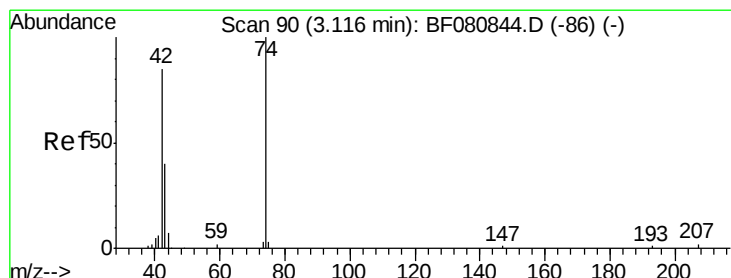
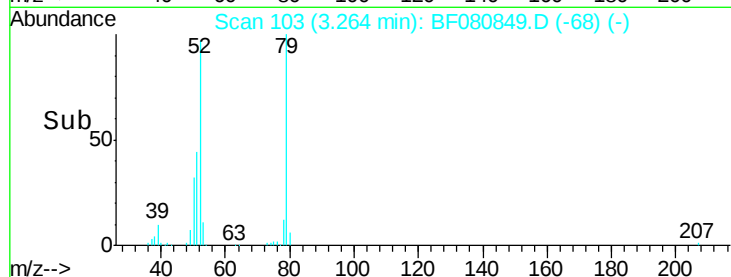
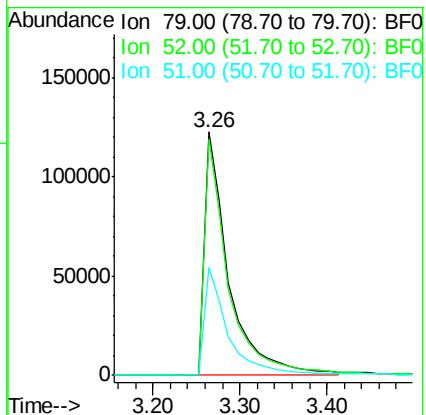
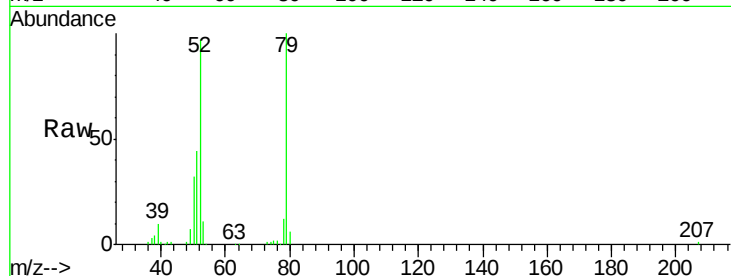
Tot Ion: 79 Resp: 237023

Ion Ratio Lower Upper

79 100

52 97.1 77.7 116.5

51 44.4 36.1 54.1



#4

n-Nitrosodimethylamine

Concen: 38.93 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.10 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

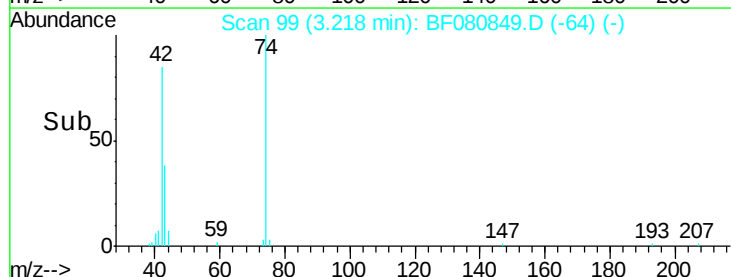
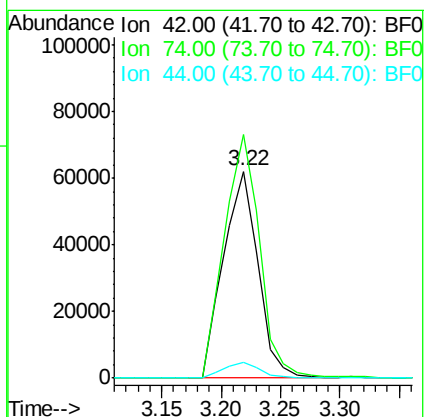
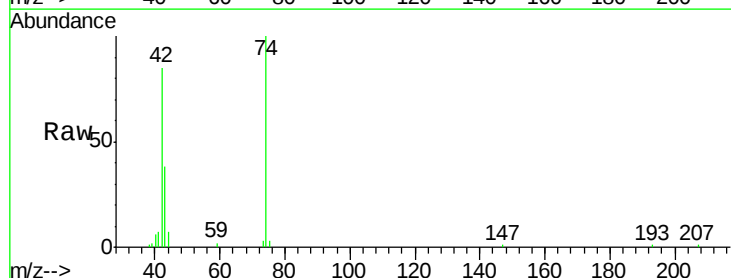
Tgt Ion: 42 Resp: 125599

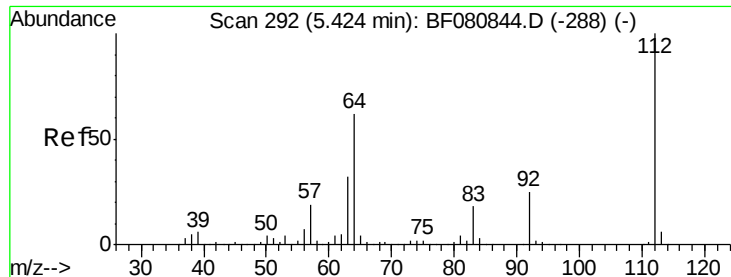
Ion Ratio Lower Upper

42 100

74 117.8 94.3 141.5

44 7.7 6.2 9.2





#5

2-Fluorophenol

Concen: 82.40 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

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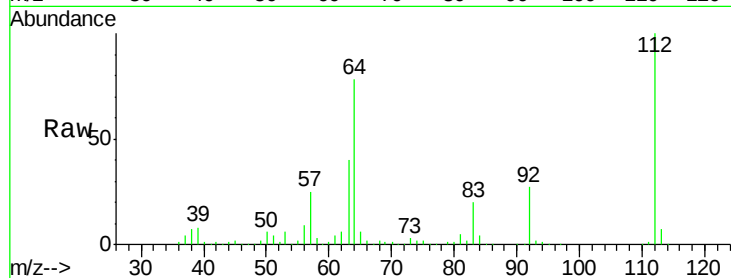
Tot Ion:112 Resp: 383548

Ion Ratio Lower Upper

112 100

64 77.6 49.5 74.3#

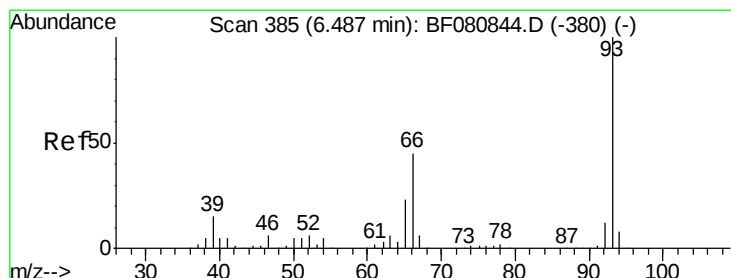
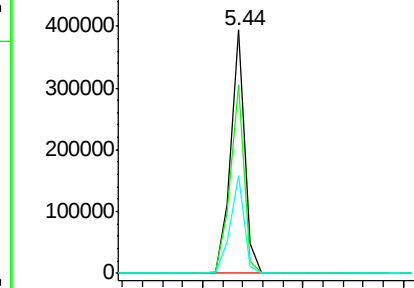
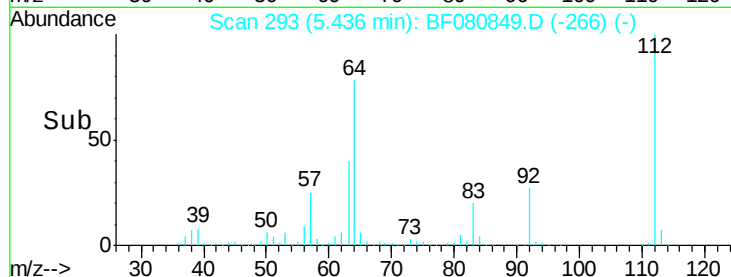
63 40.0 25.3 37.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.93 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

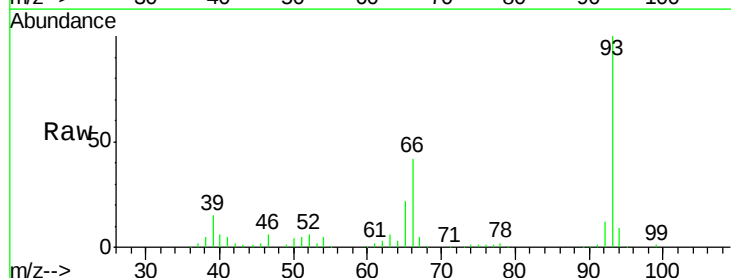
Tgt Ion: 93 Resp: 220704

Ion Ratio Lower Upper

93 100

66 41.9 35.8 53.6

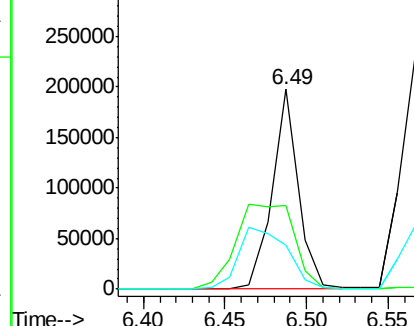
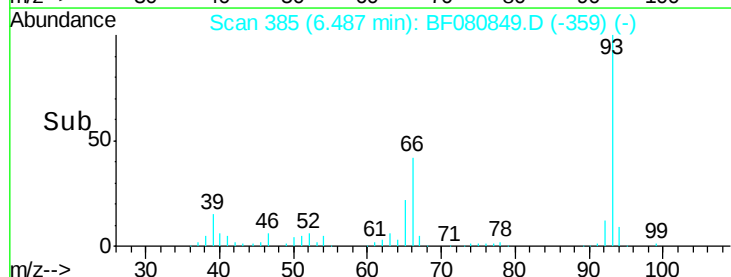
65 22.3 18.2 27.2

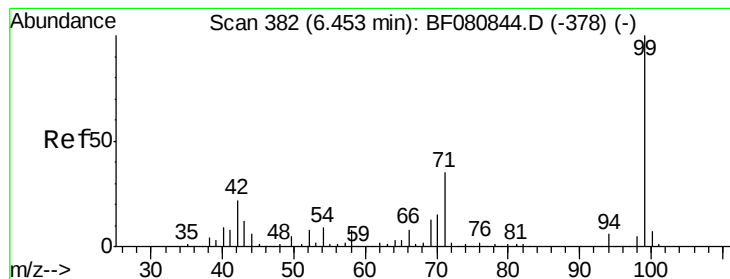


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.33 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

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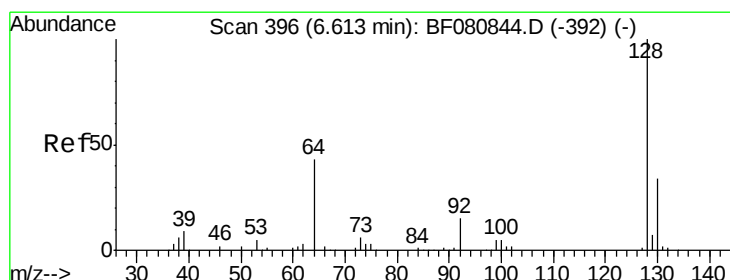
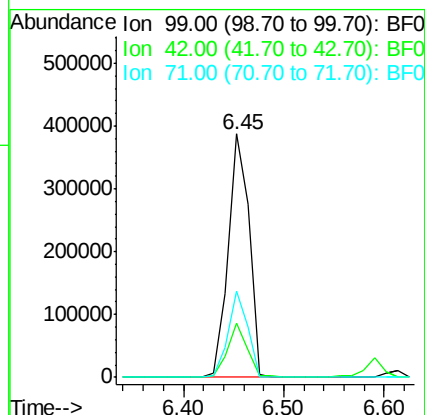
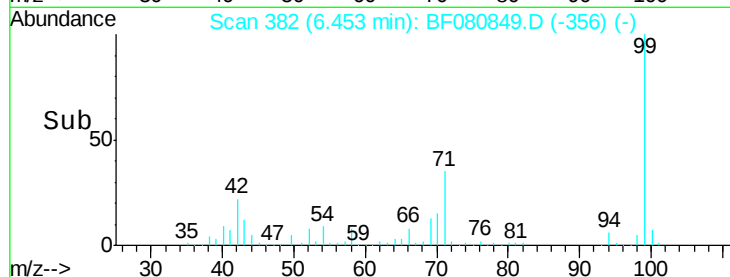
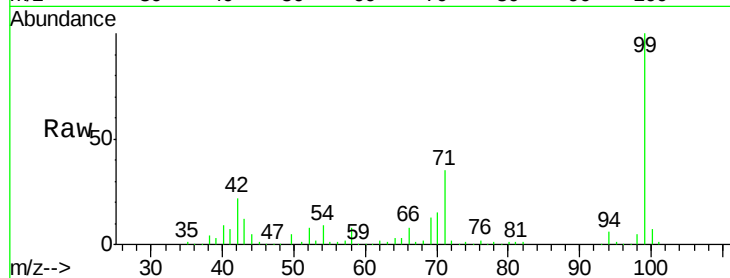
Tot Ion: 99 Resp: 555719

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 35.2 28.2 42.4



#8

2-Chlorophenol

Concen: 41.51 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

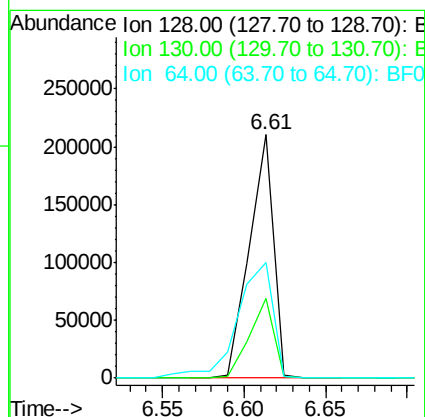
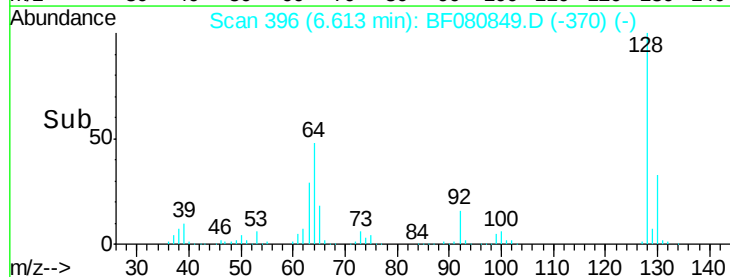
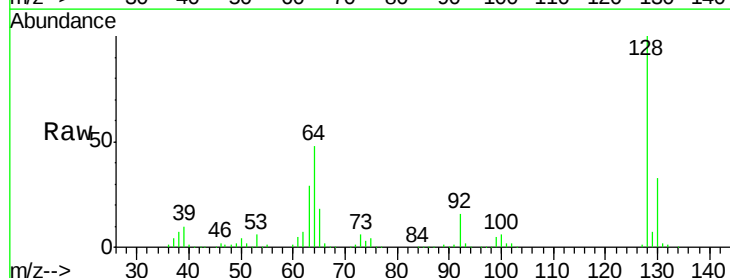
Tgt Ion: 128 Resp: 216454

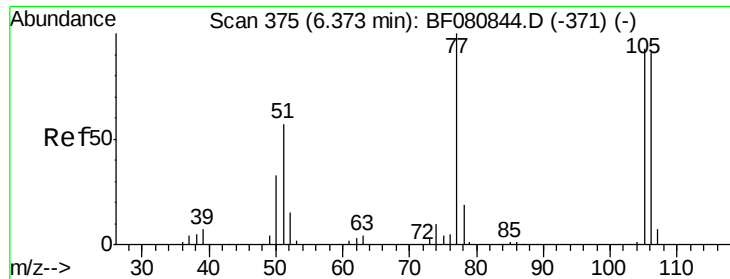
Ion Ratio Lower Upper

128 100

130 32.9 13.9 53.9

64 47.5 26.2 66.2

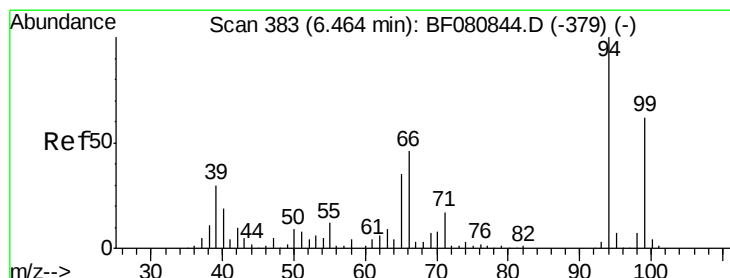
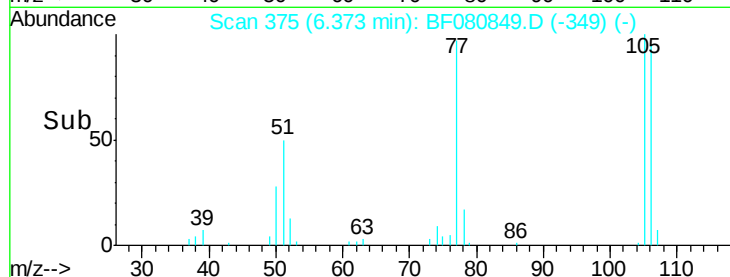
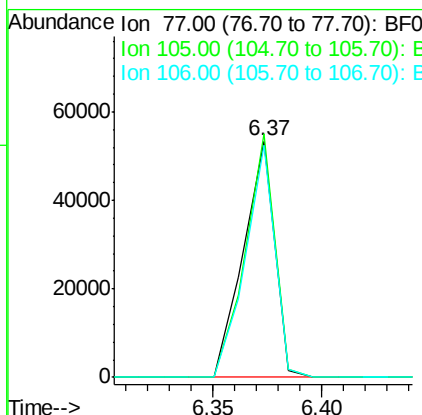
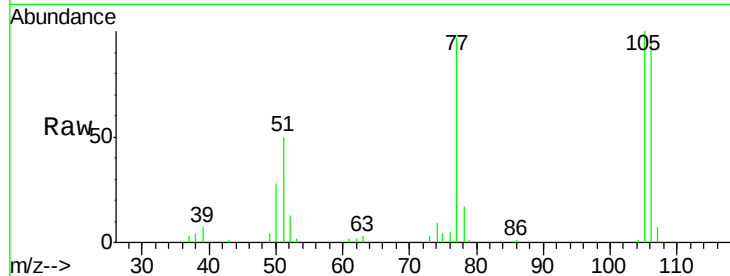




#9
Benzaldehyde
Concen: 12.54 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

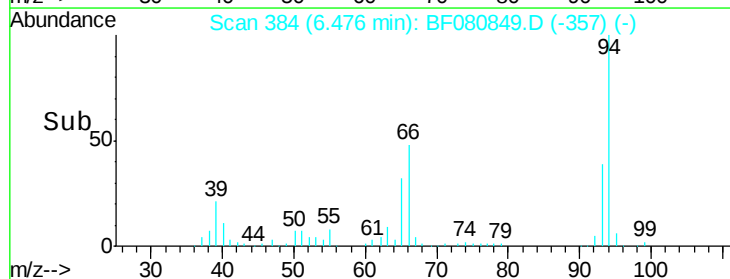
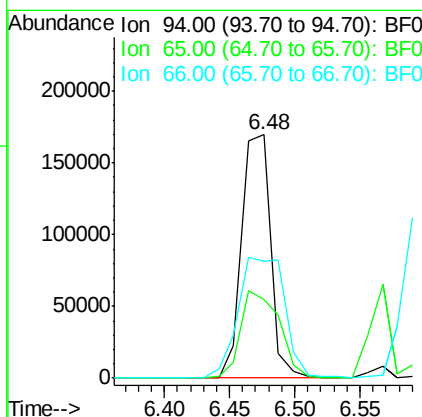
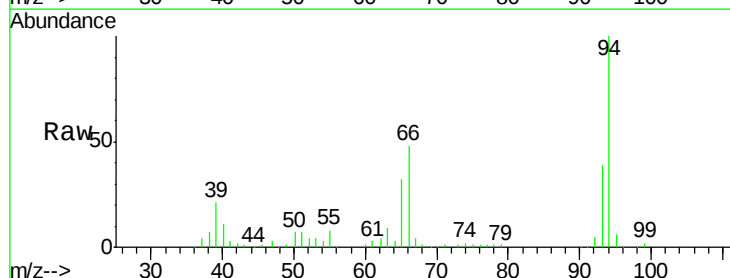
Instrument :
BNA_F
ClientSampleId :
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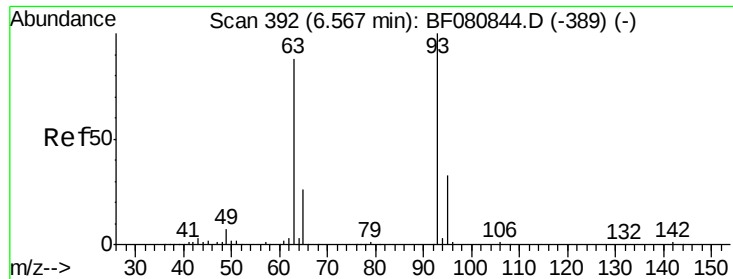
Tot Ion: 77 Resp: 53223
Ion Ratio Lower Upper
77 100
105 103.0 73.5 113.5
106 98.2 70.8 110.8



#10
Phenol
Concen: 36.28 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion: 94 Resp: 262651
Ion Ratio Lower Upper
94 100
65 32.4 15.2 55.2
66 48.0 25.9 65.9

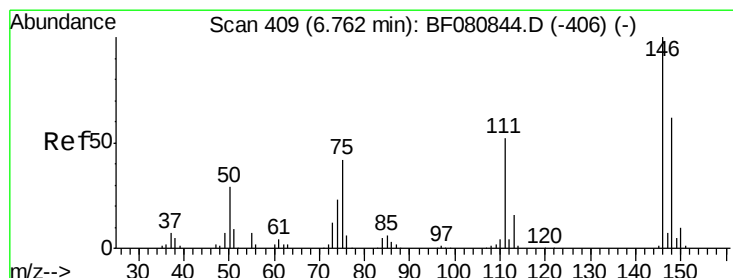
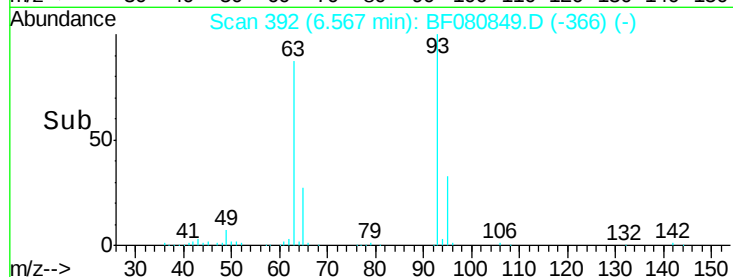
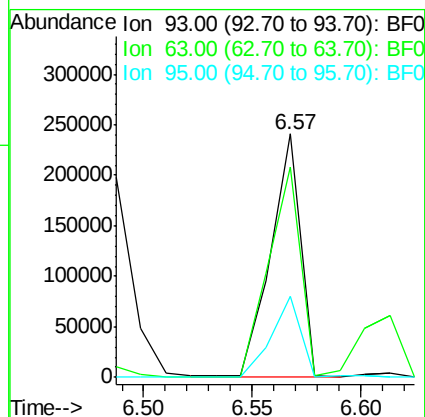
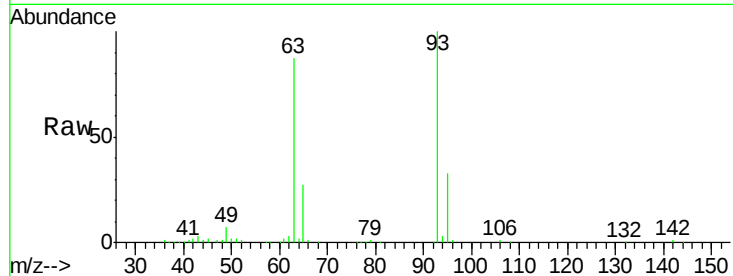




#11
bis(2-Chloroethyl)ether
Concen: 42.74 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

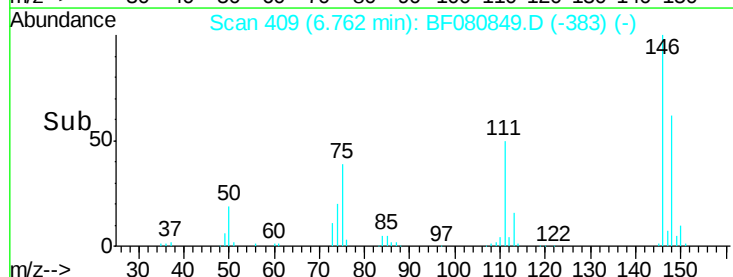
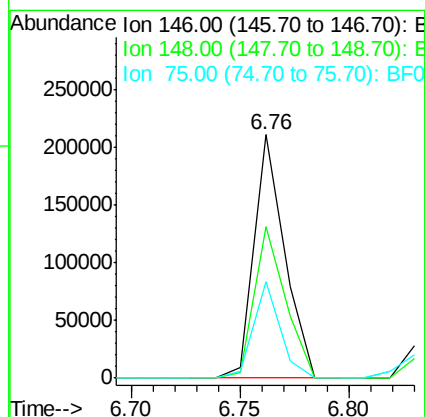
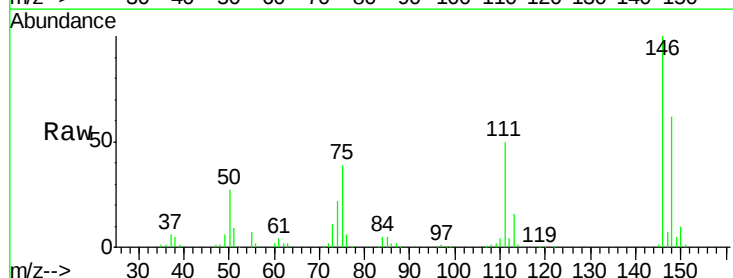
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

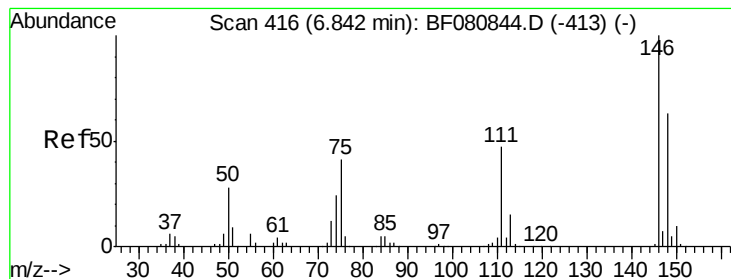
Tot Ion: 93 Resp: 231082
Ion Ratio Lower Upper
93 100
63 86.6 67.6 107.6
95 33.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 36.90 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion: 146 Resp: 206201
Ion Ratio Lower Upper
146 100
148 62.1 49.7 74.5
75 39.5 33.5 50.3





#13

1,4-Dichlorobenzene

Concen: 38.18 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

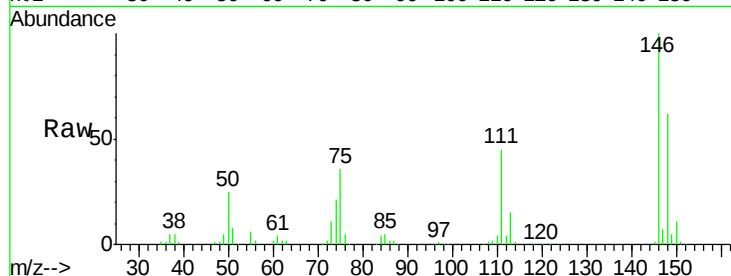
Tot Ion:146 Resp: 214128

Ion Ratio Lower Upper

146 100

148 62.0 50.5 75.7

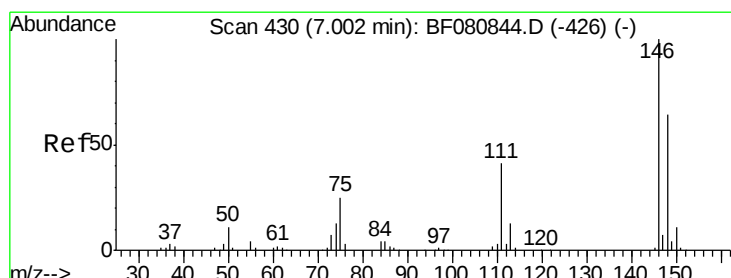
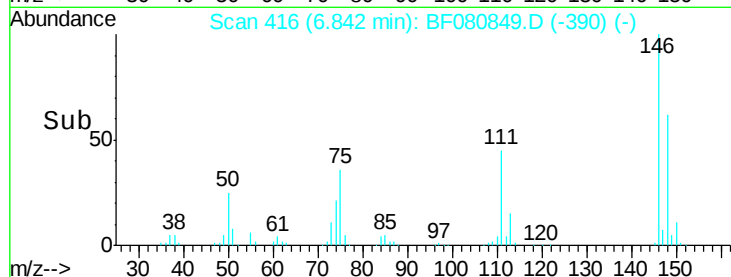
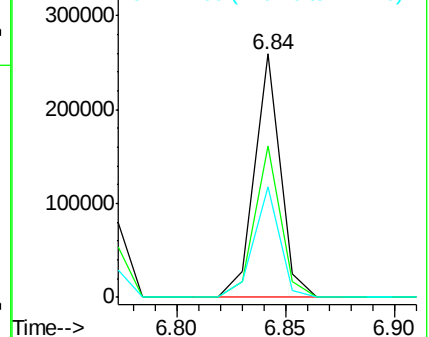
111 45.3 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.47 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.16 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

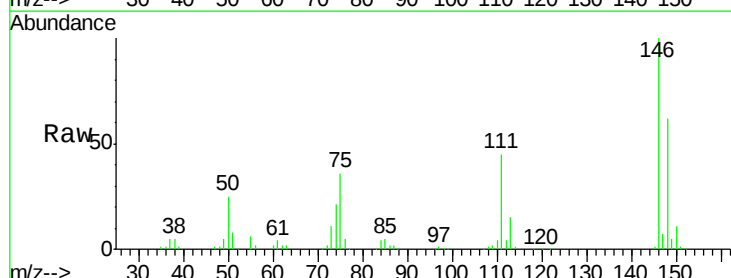
Tgt Ion:146 Resp: 214128

Ion Ratio Lower Upper

146 100

148 62.0 51.0 76.6

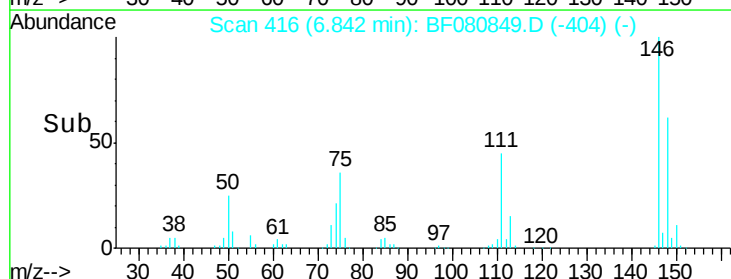
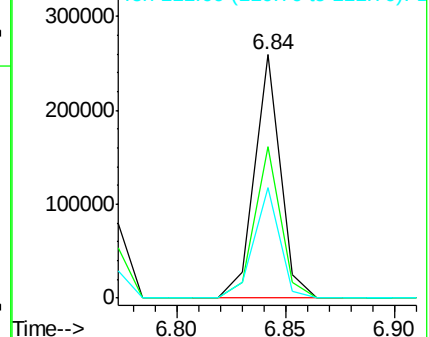
111 45.3 32.7 49.1

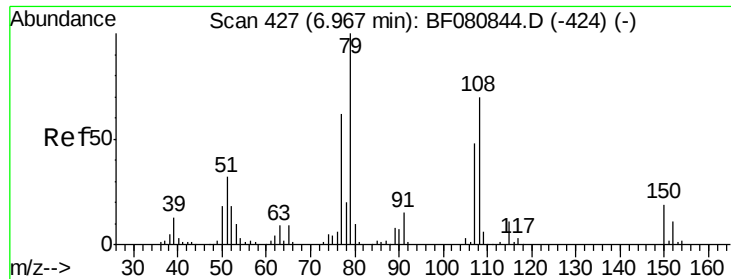


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

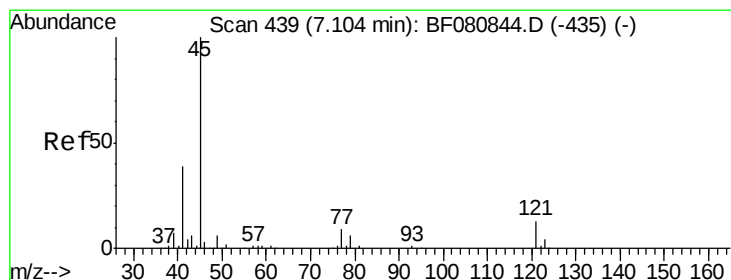
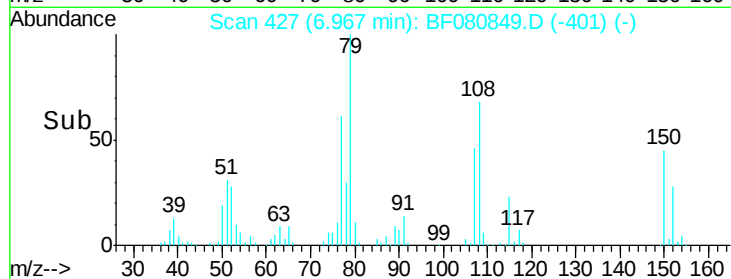
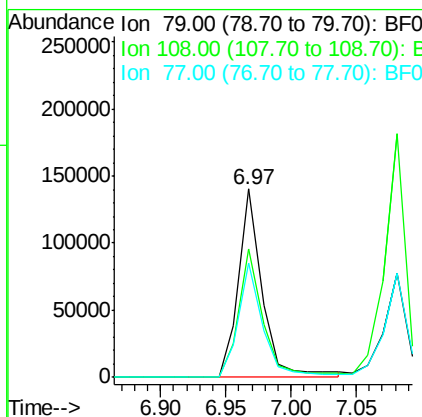
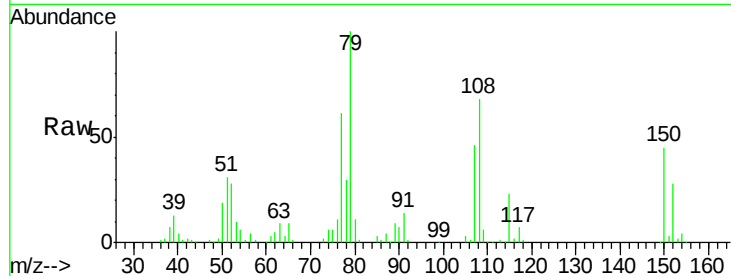




#15
Benzyl Alcohol
Concen: 45.02 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

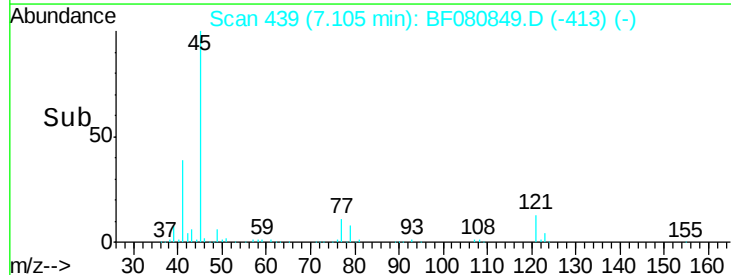
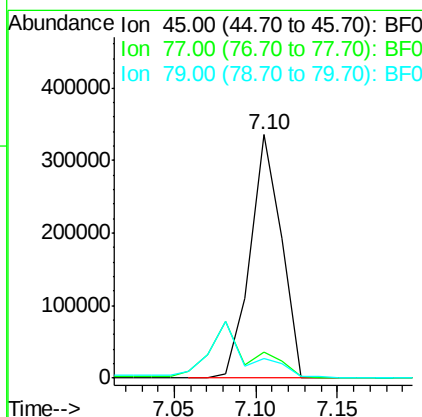
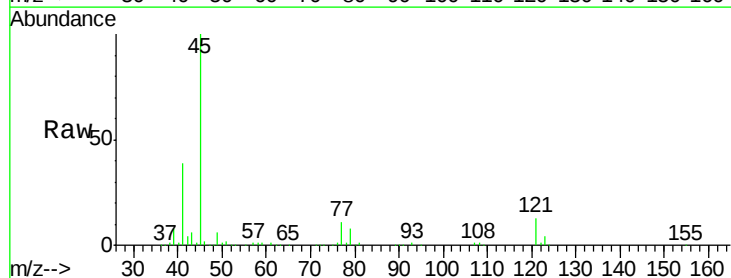
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

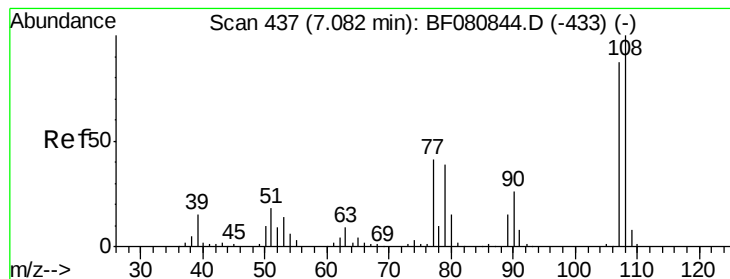
Tot Ion: 79 Resp: 178904
Ion Ratio Lower Upper
79 100
108 68.3 55.9 83.9
77 60.9 49.4 74.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.18 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion: 45 Resp: 441387
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.5
79 8.3 0.0 28.2

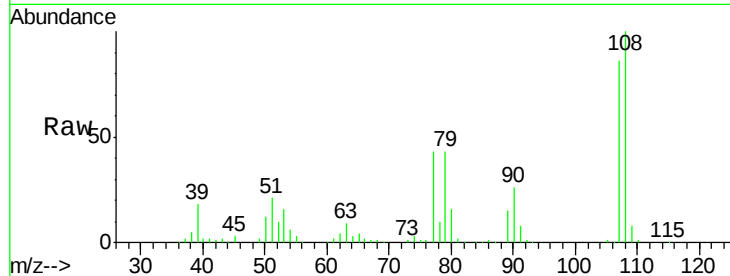




#17
2-Methylphenol
Concen: 39.46 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.0	91.8	137.8
77	49.9	38.2	57.2
79	50.3	37.4	56.0



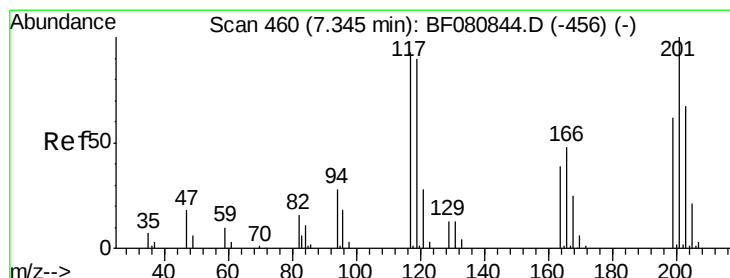
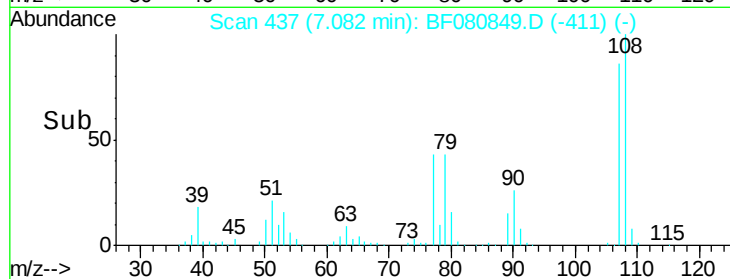
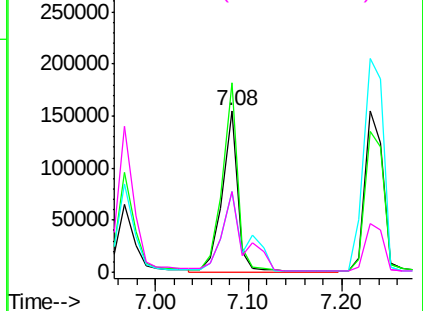
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

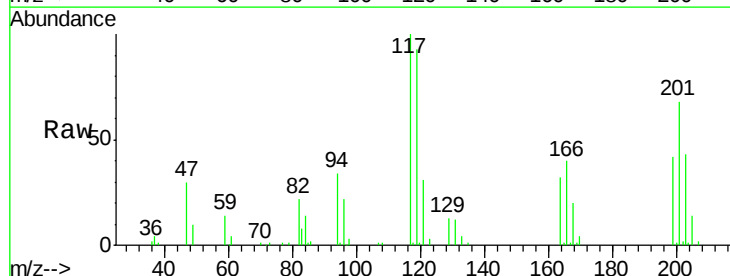
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.81 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
201	67.7	85.8	128.6

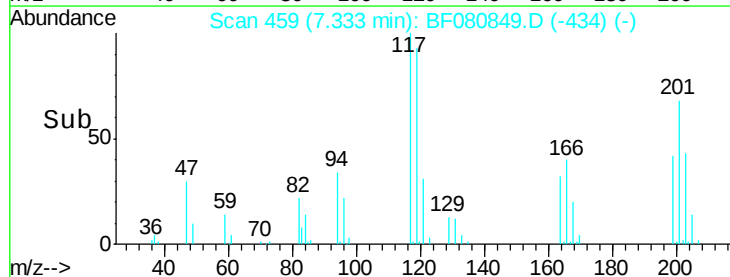
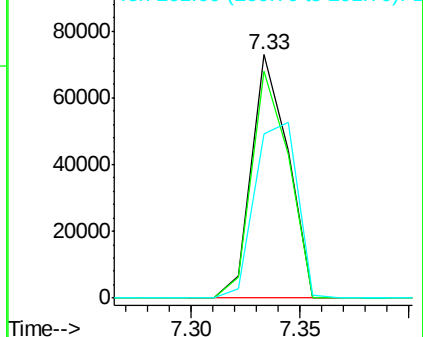


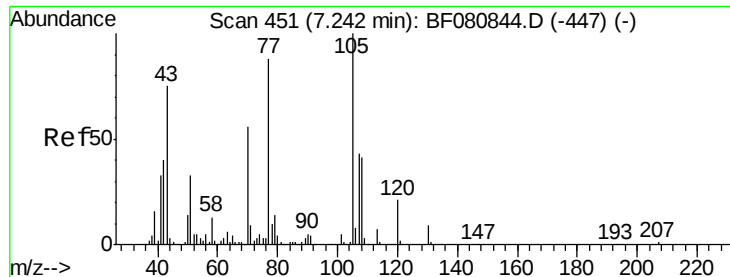
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

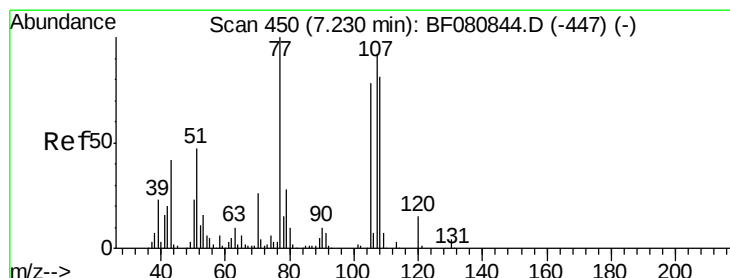
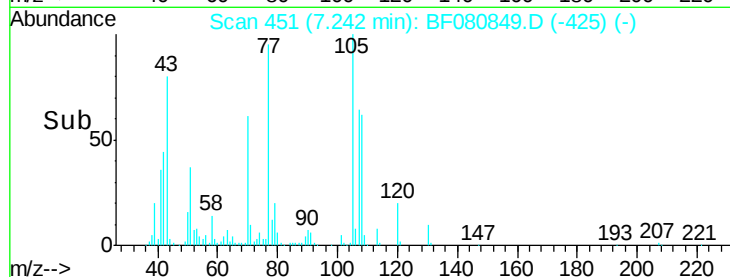
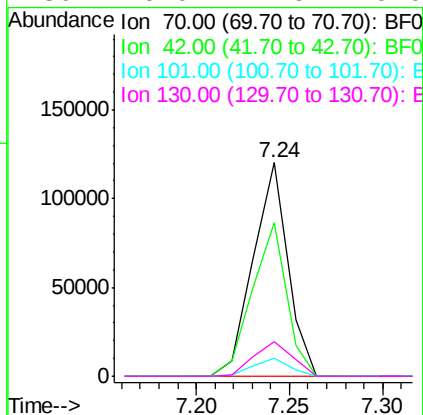
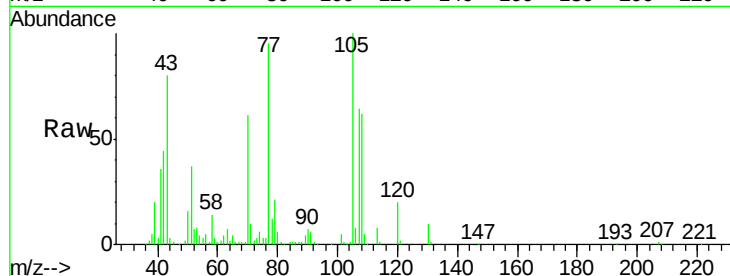




#19
n-Nitroso-di-n-propylamine
Concen: 39.47 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

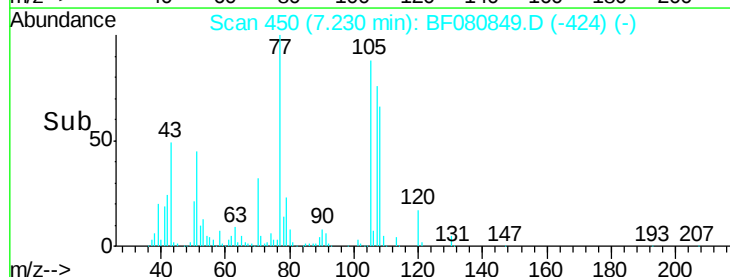
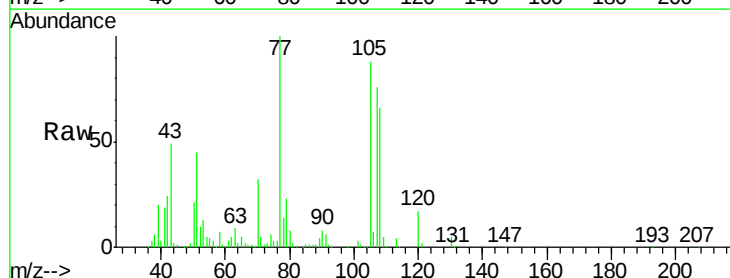
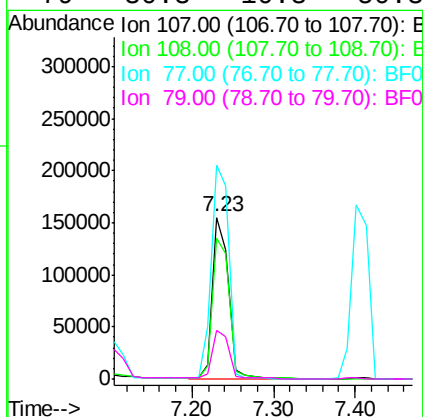
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

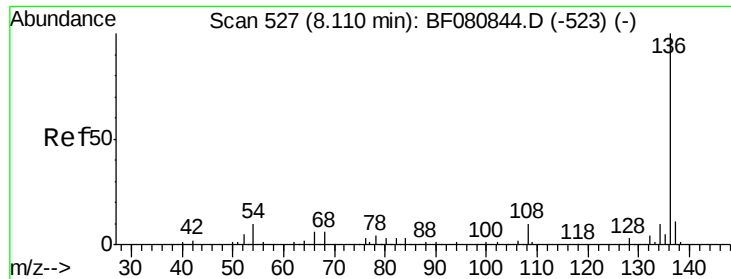
Tot Ion: 70 Resp: 155135
Ion Ratio Lower Upper
70 100
42 72.1 57.8 86.8
101 8.4 6.7 10.1
130 16.0 12.6 19.0



#20
3+4-Methylphenols
Concen: 40.71 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion: 107 Resp: 215607
Ion Ratio Lower Upper
107 100
108 87.0 68.2 108.2
77 132.3 88.5 128.5#
79 30.3 10.3 50.3

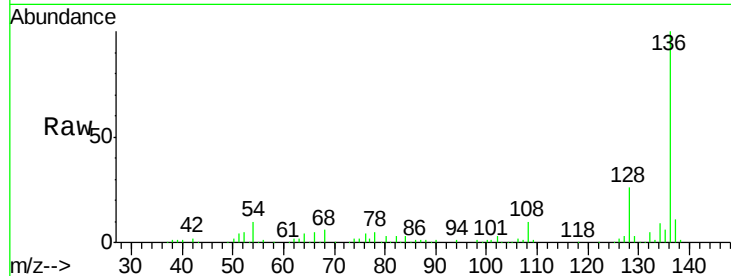




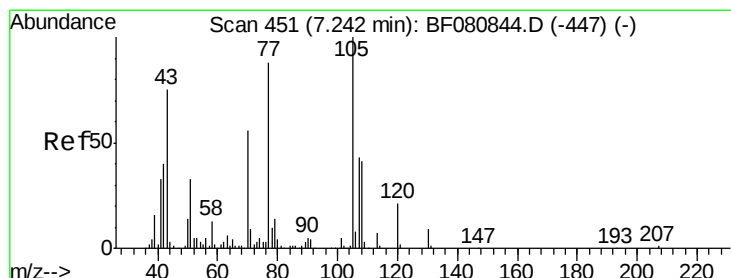
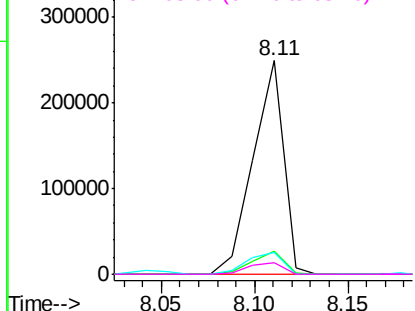
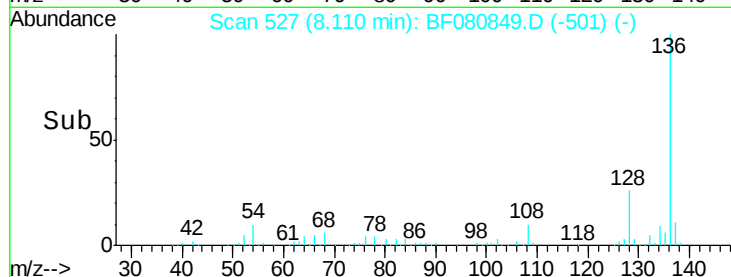
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion:136	Resp:	281570
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 13.0
54	10.1	8.3 12.5
68	5.5	4.8 7.2

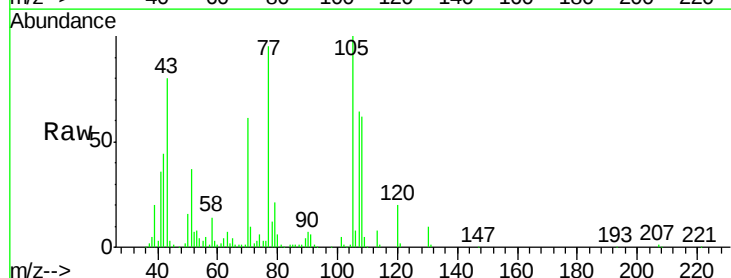


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

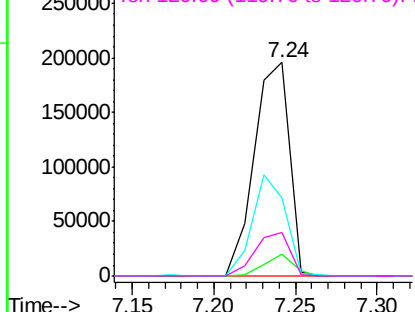
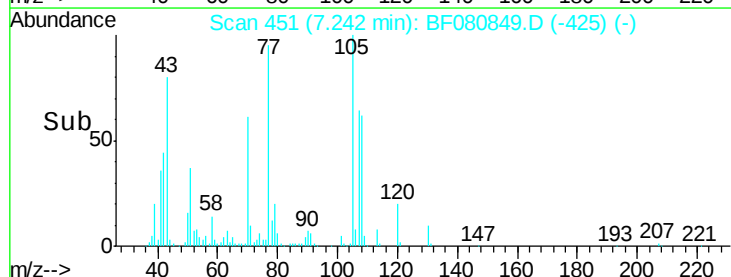


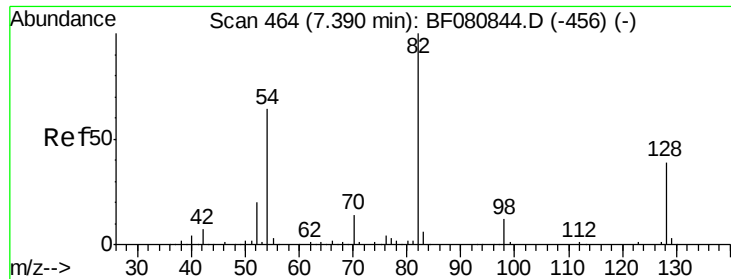
#22
Acetophenone
Concen: 42.61 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion:105	Resp:	293019
Ion Ratio	Lower	Upper
105	100	
71	10.1	7.4 11.2
51	36.8	26.5 39.7
120	20.3	17.0 25.4



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

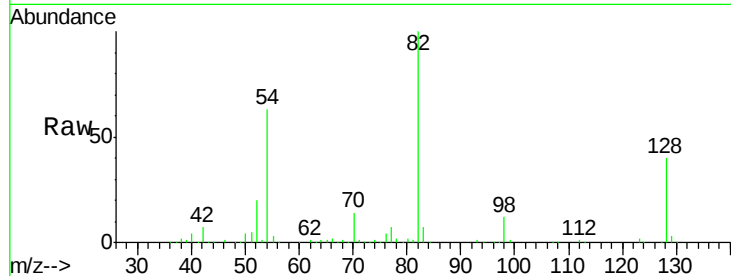




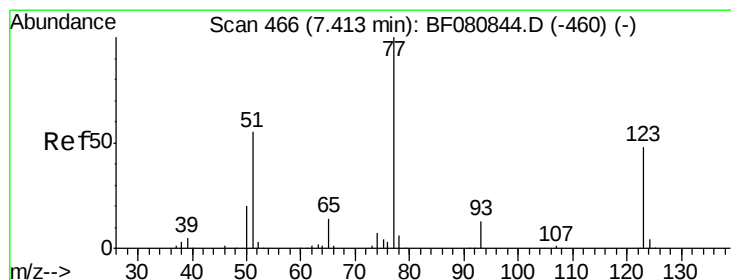
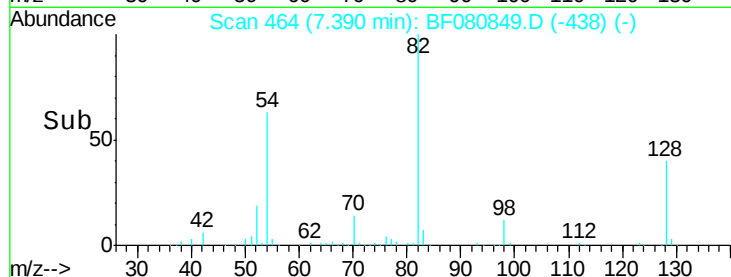
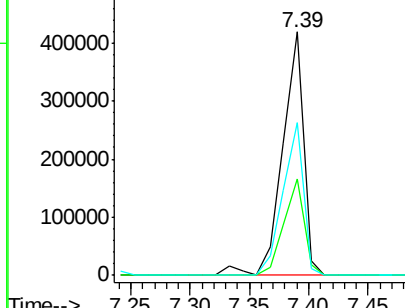
#23
Nitrobenzene-d5
Concen: 85.64 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion: 82 Resp: 511679
Ion Ratio Lower Upper
82 100
128 39.7 31.0 46.4
54 62.8 51.0 76.6

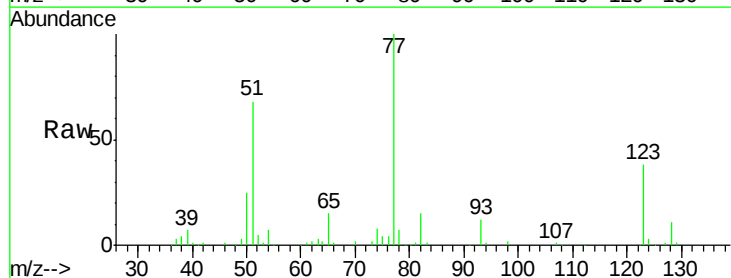


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

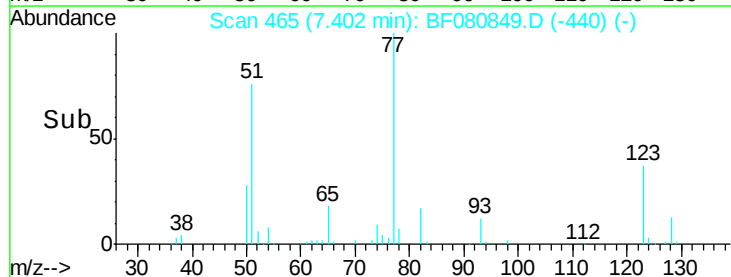
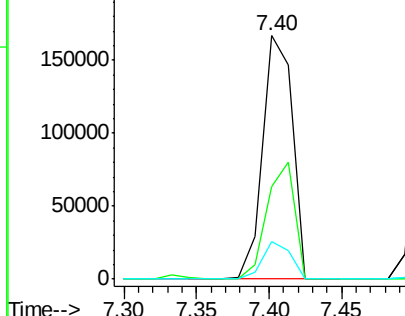


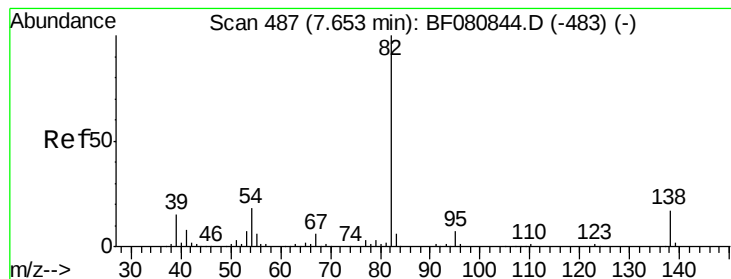
#24
Nitrobenzene
Concen: 38.27 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion: 77 Resp: 237147
Ion Ratio Lower Upper
77 100
123 38.2 39.7 59.5#
65 15.4 11.0 16.6



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





#25

Isophorone

Concen: 42.92 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

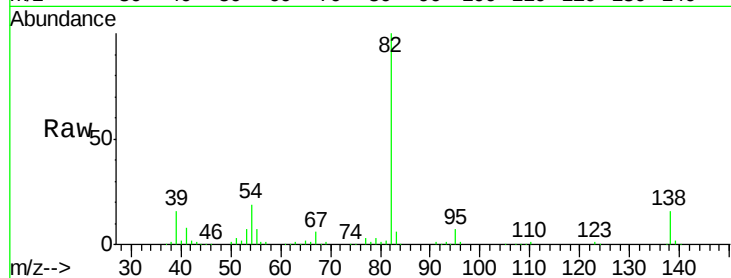
Tot Ion: 82 Resp: 454400

Ion Ratio Lower Upper

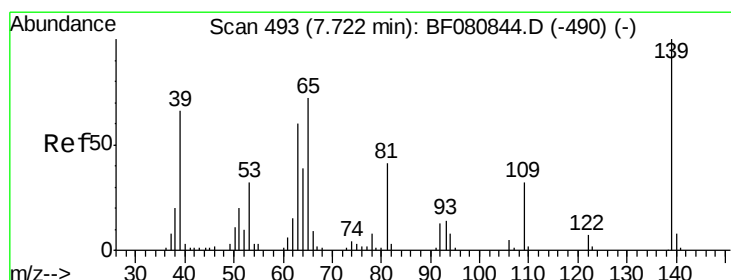
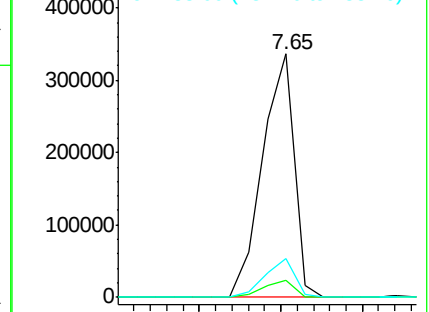
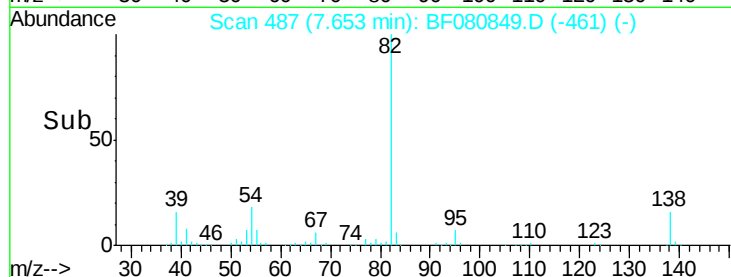
82 100

95 7.1 5.5 8.3

138 16.1 13.3 19.9



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: 40.59 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

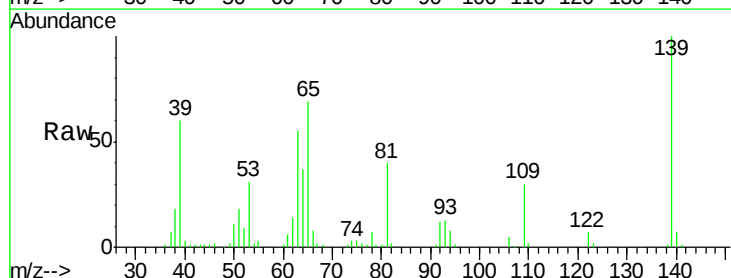
Tgt Ion: 139 Resp: 103183

Ion Ratio Lower Upper

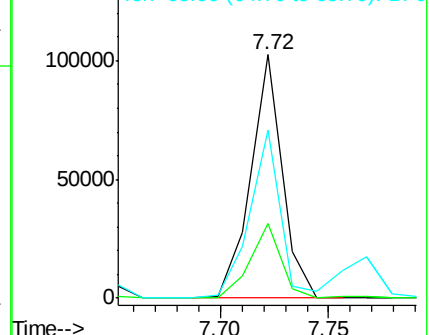
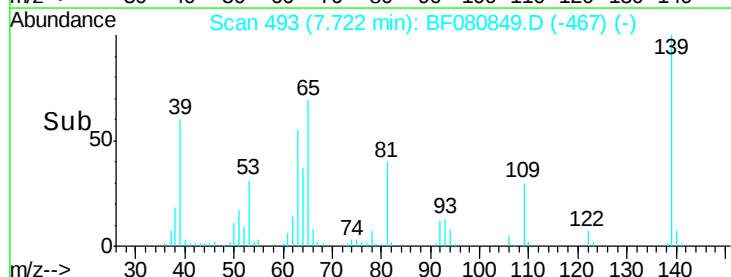
139 100

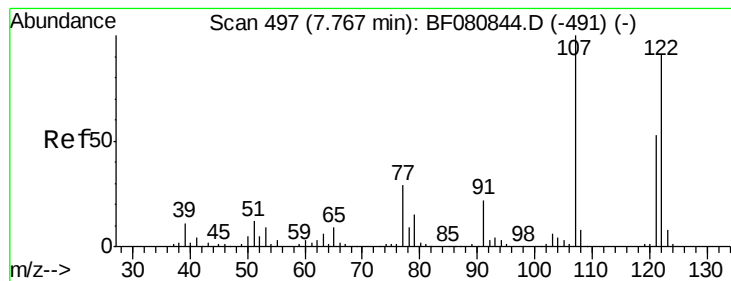
109 30.4 25.2 37.8

65 69.0 57.3 85.9



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

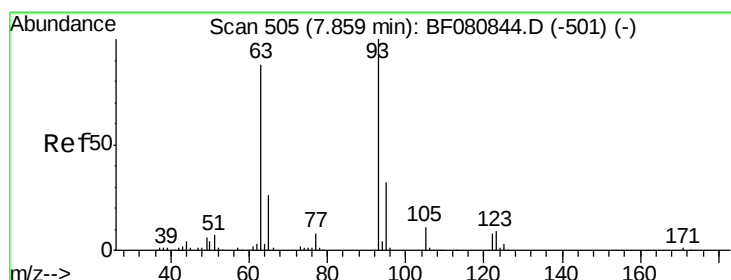
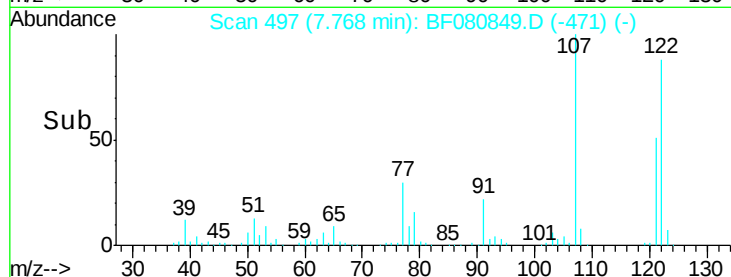
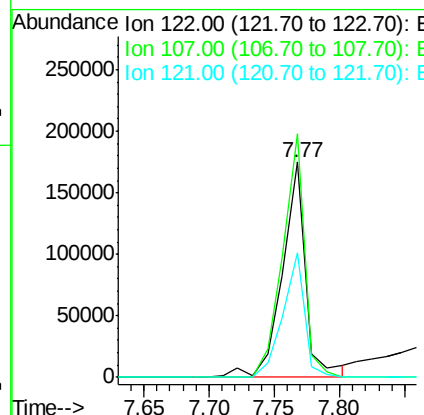
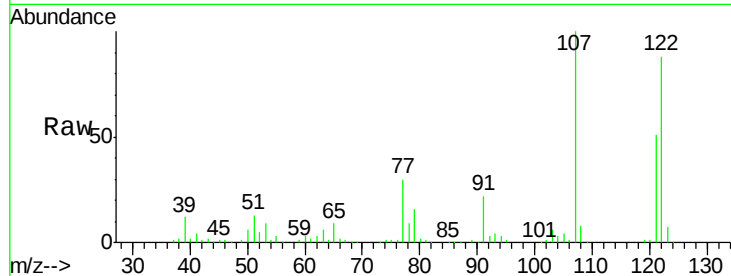




#27
 2,4-Dimethylphenol
 Concen: 46.83 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

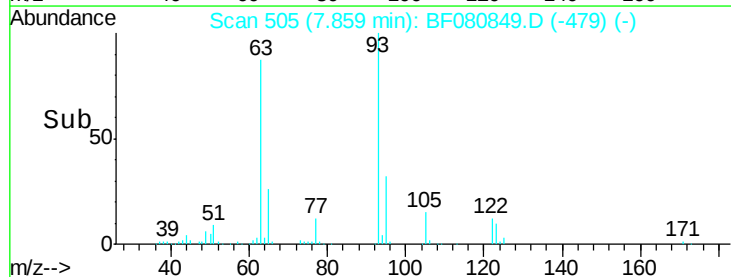
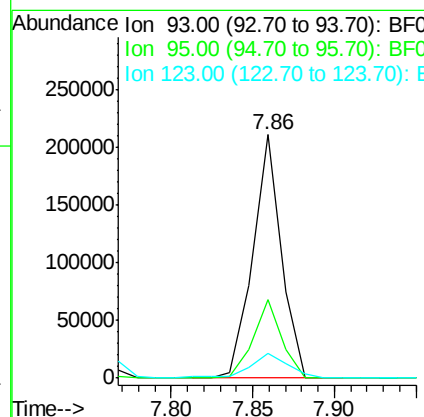
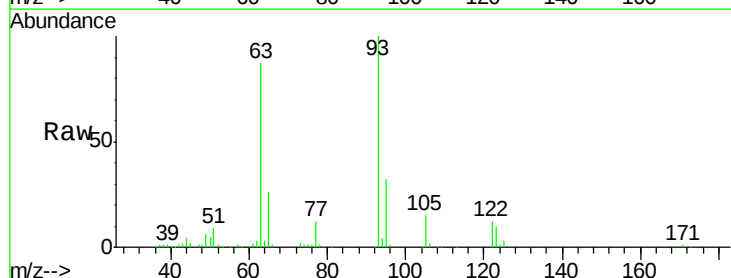
Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

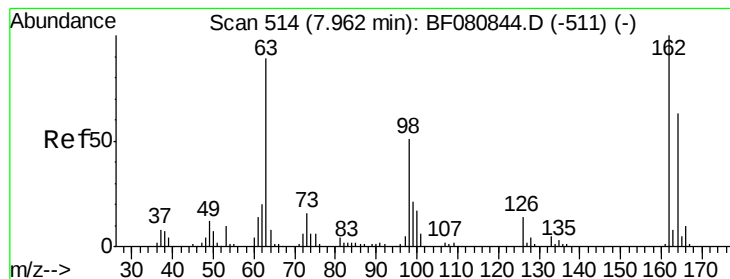
Tot Ion:122 Resp: 221663
 Ion Ratio Lower Upper
 122 100
 107 113.3 88.2 132.4
 121 57.8 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.07 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion: 93 Resp: 254324
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.9 38.9
 123 10.0 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 40.98 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

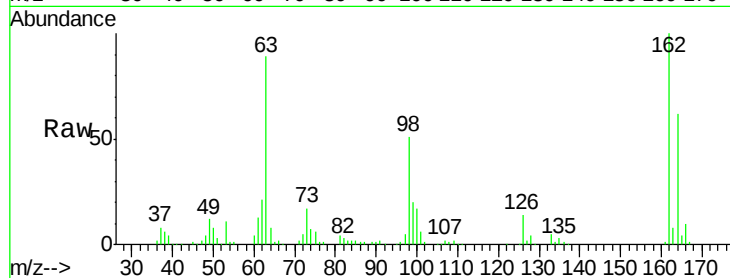
Tot Ion:162 Resp: 160118

Ion Ratio Lower Upper

162 100

164 62.2 43.1 83.1

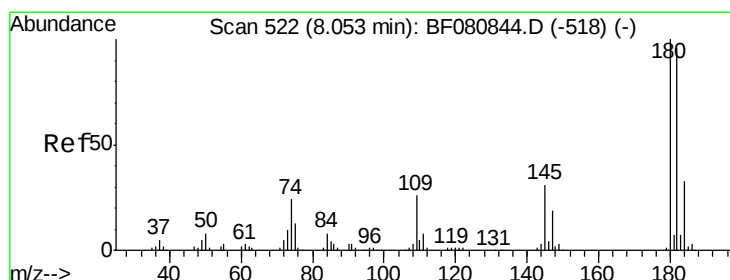
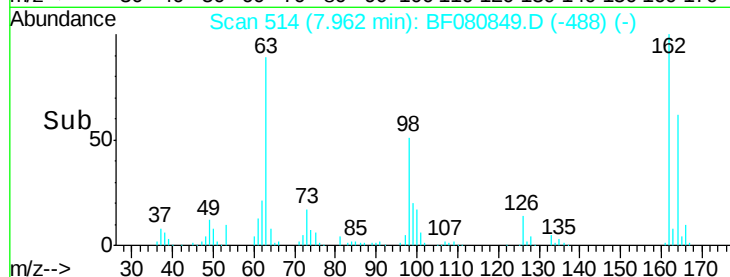
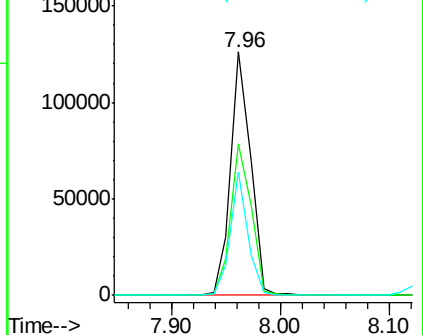
98 50.6 31.3 71.3



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: 39.64 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

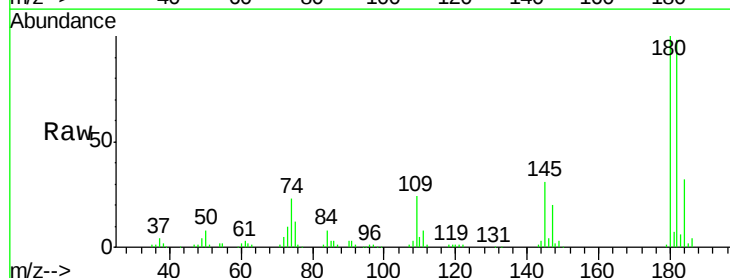
Tgt Ion:180 Resp: 176243

Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.4

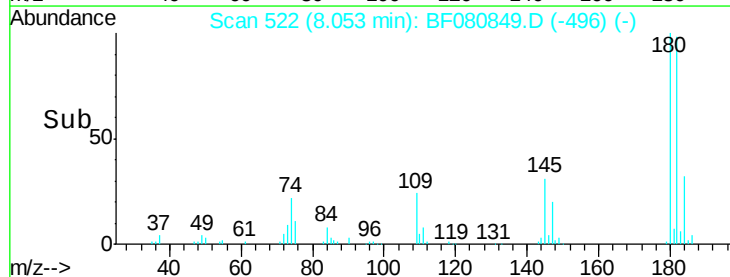
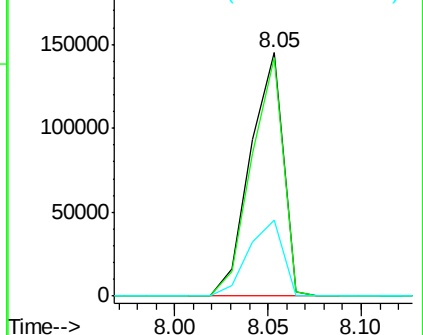
145 30.9 25.1 37.7

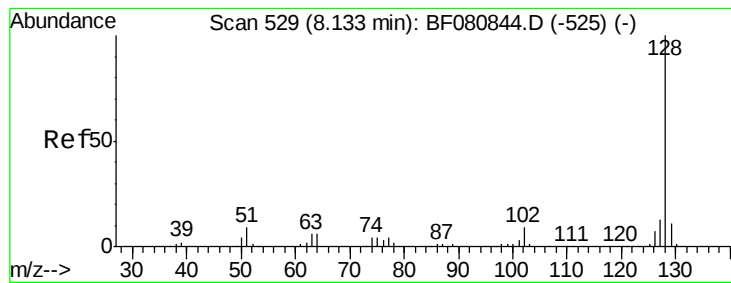


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

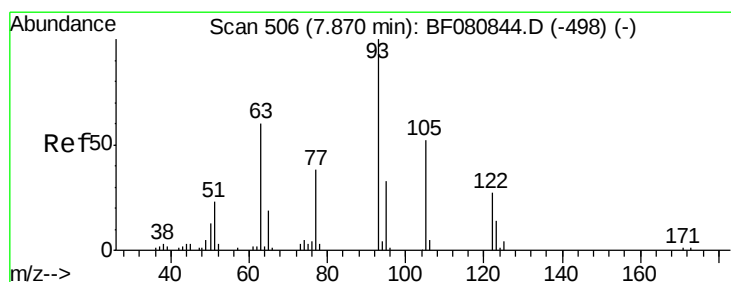
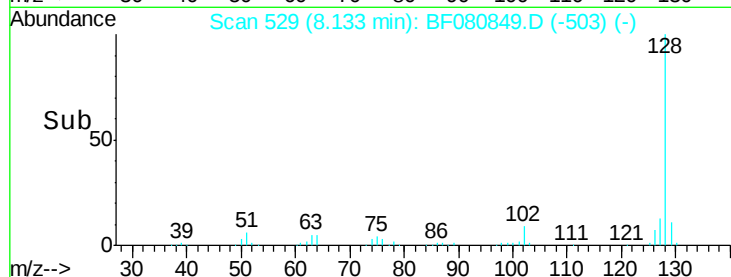
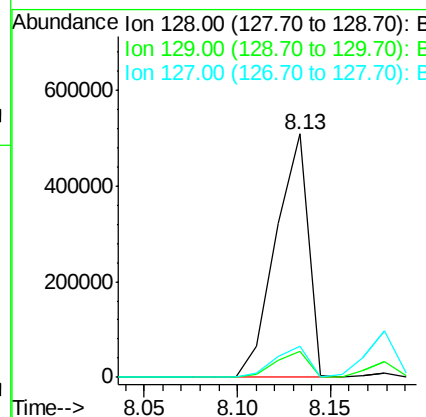
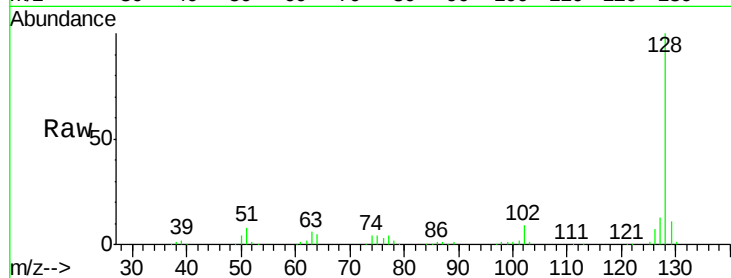




#31
Naphthalene
Concen: 40.26 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

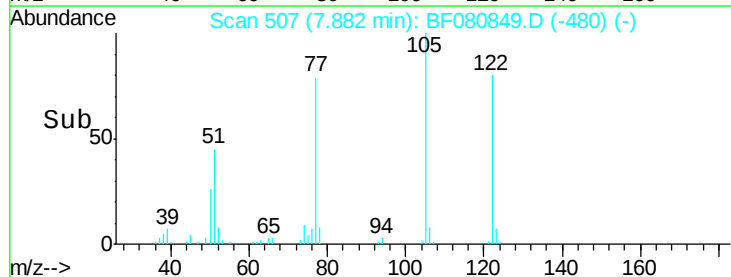
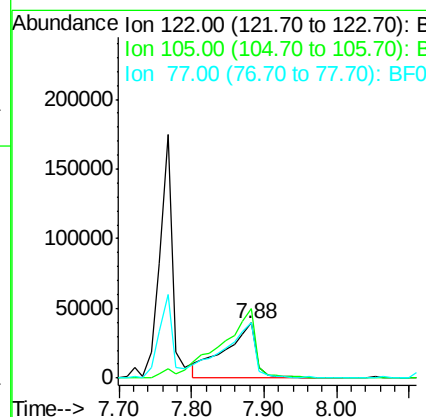
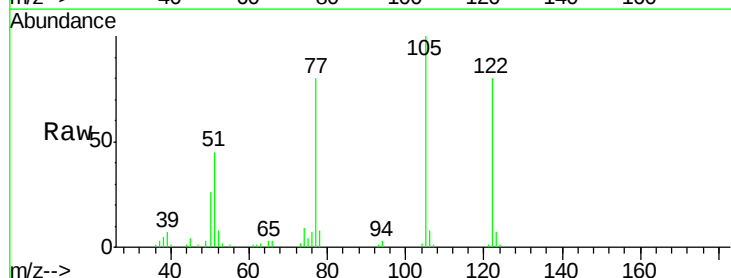
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

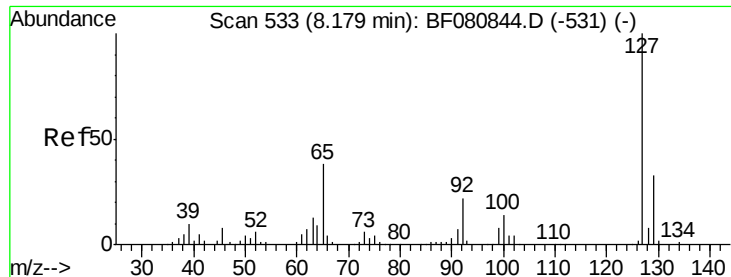
Tot Ion:128 Resp: 617542
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 38.25 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion:122 Resp: 120896
Ion Ratio Lower Upper
122 100
105 125.7 110.1 150.1
77 100.6 83.6 123.6

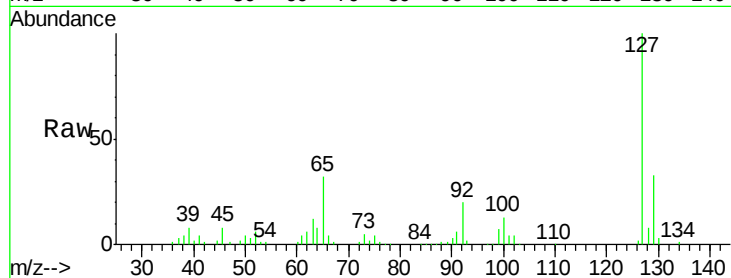




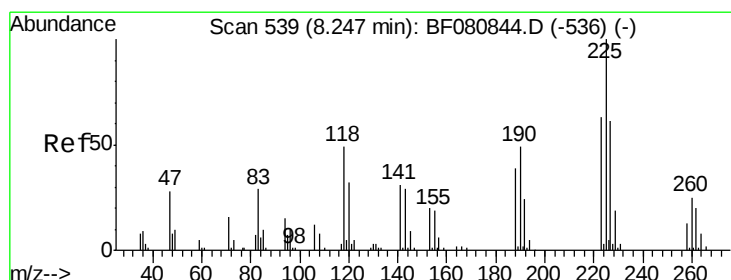
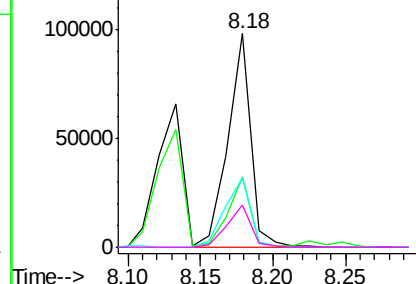
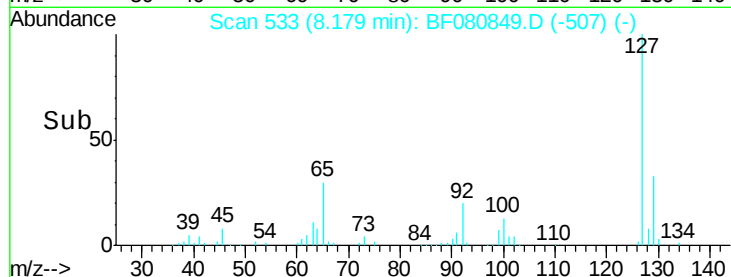
#33
4-Chloroaniline
Concen: 17.93 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion:	127	Resp:	107558
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	32.1	30.3	45.5
92	19.7	17.3	25.9

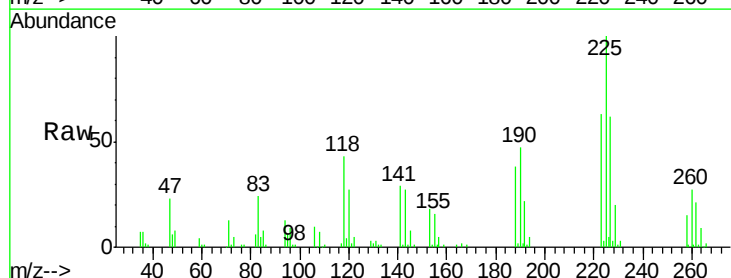


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

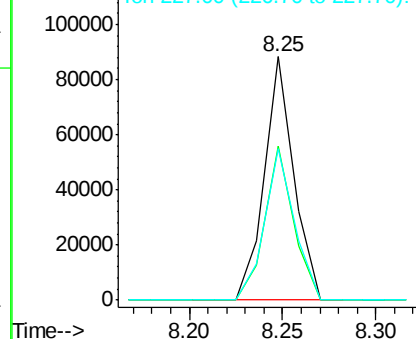
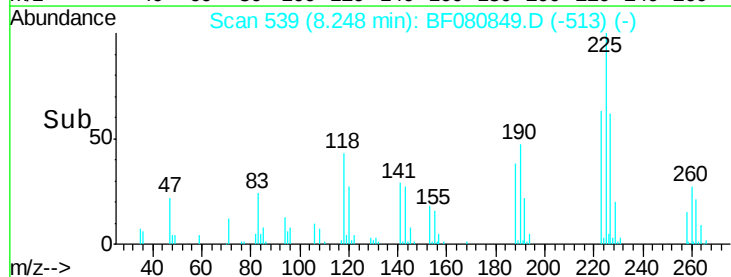


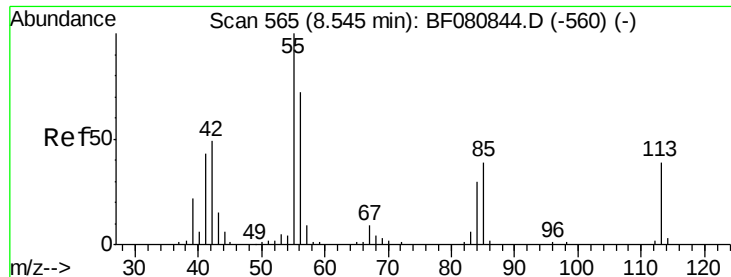
#34
Hexachlorobutadiene
Concen: 38.61 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion:	225	Resp:	97853
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	62.0	48.5	72.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.27 ng

RT: 8.54 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

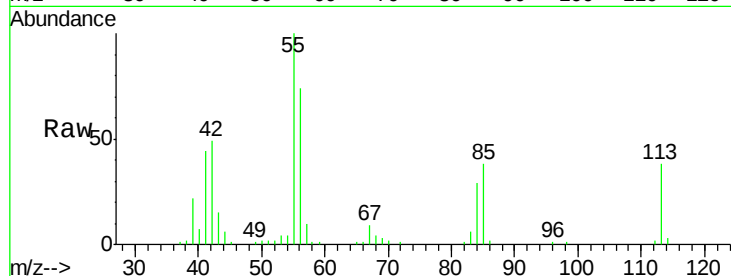
Tot Ion:113 Resp: 33773

Ion Ratio Lower Upper

113 100

55 266.1 236.2 276.2

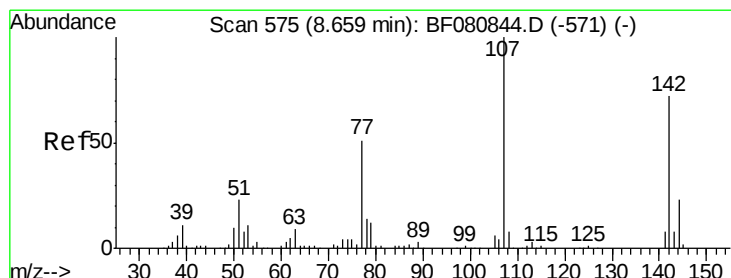
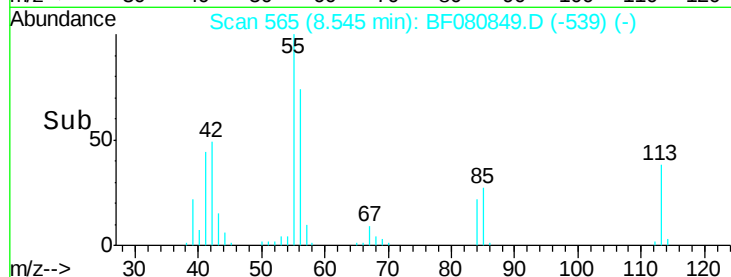
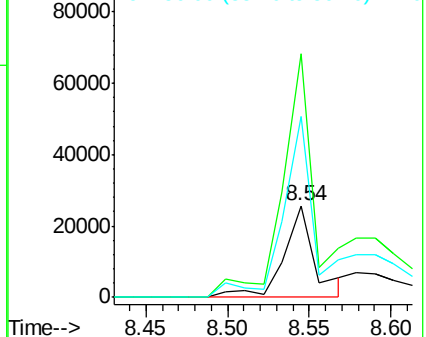
56 197.5 165.2 205.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.25 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

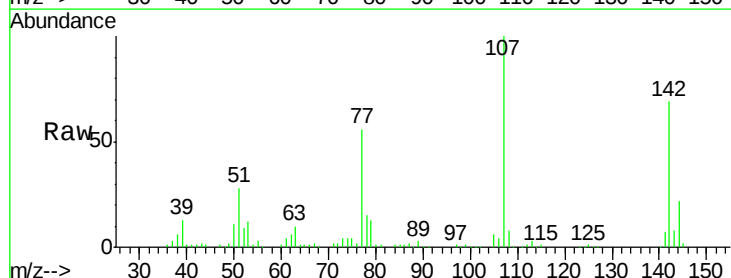
Tgt Ion:107 Resp: 185399

Ion Ratio Lower Upper

107 100

144 22.1 18.3 27.5

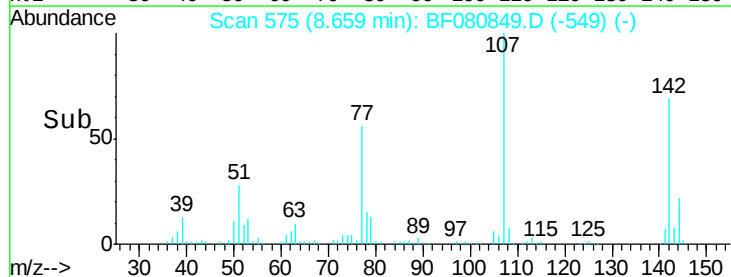
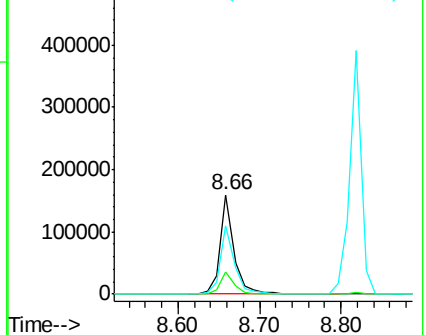
142 68.8 57.8 86.8

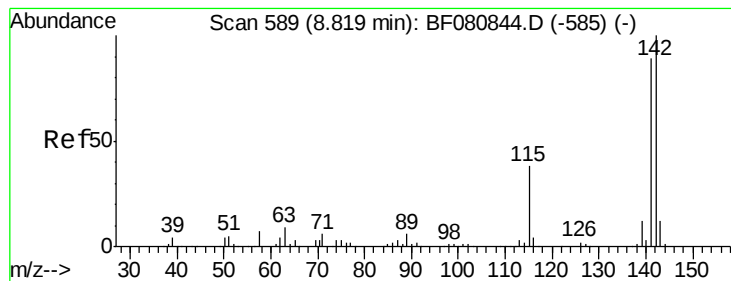


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.89 ng

RT: 8.82 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

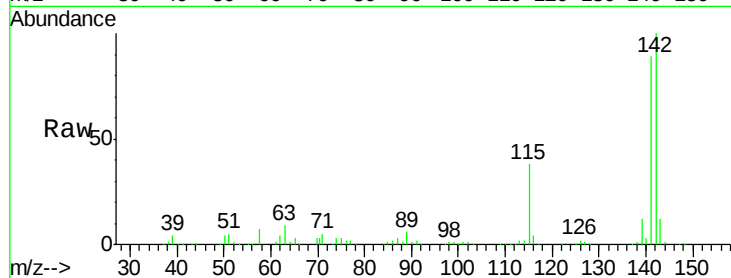
Tot Ion:142 Resp: 384998

Ion Ratio Lower Upper

142 100

141 89.4 71.5 107.3

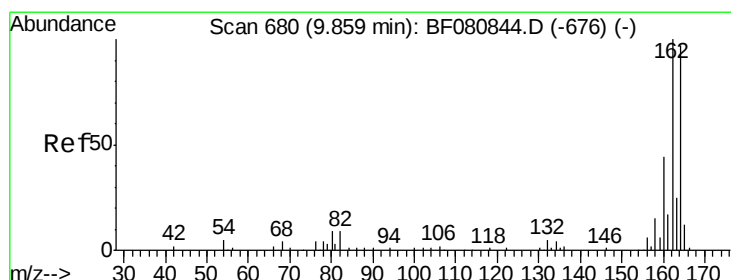
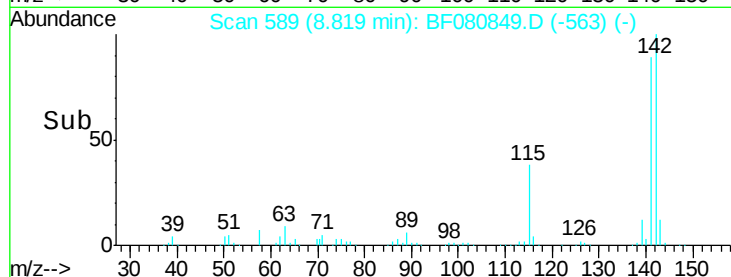
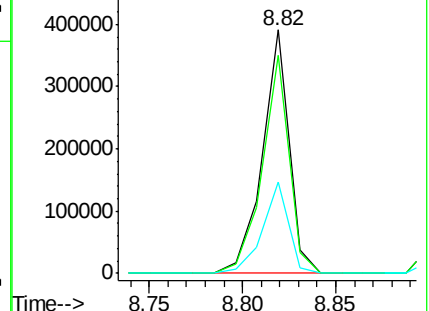
115 37.7 30.5 45.7



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: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

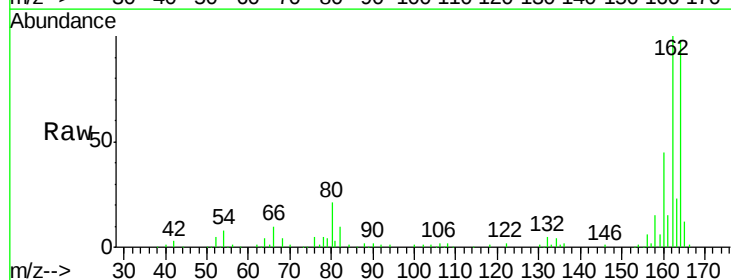
Tgt Ion:164 Resp: 125078

Ion Ratio Lower Upper

164 100

162 102.2 82.9 124.3

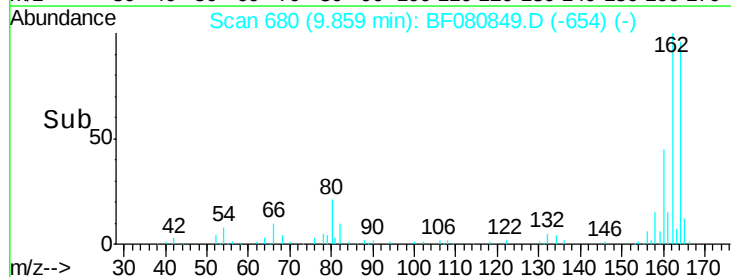
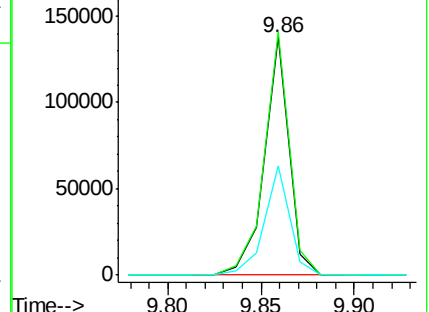
160 46.1 36.6 54.8

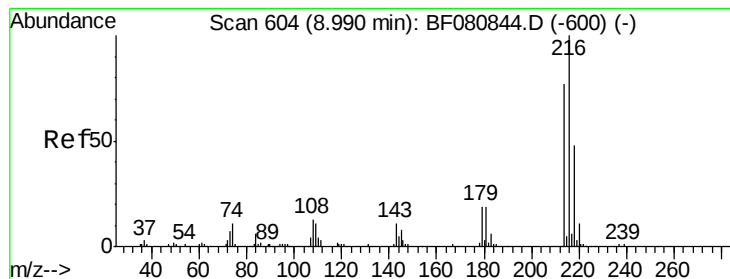


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.17 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

Tot Ion:216 Resp: 158659

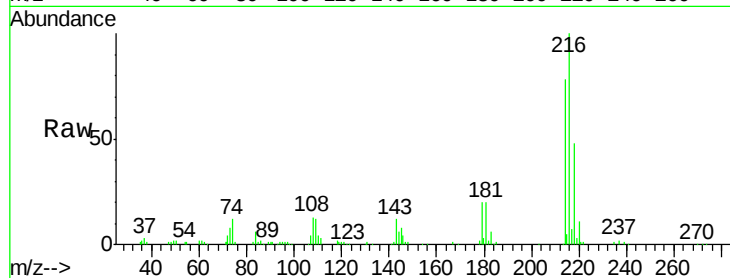
Ion Ratio Lower Upper

216 100

214 78.5 62.1 93.1

179 21.9 17.0 25.6

108 23.4 16.5 24.7

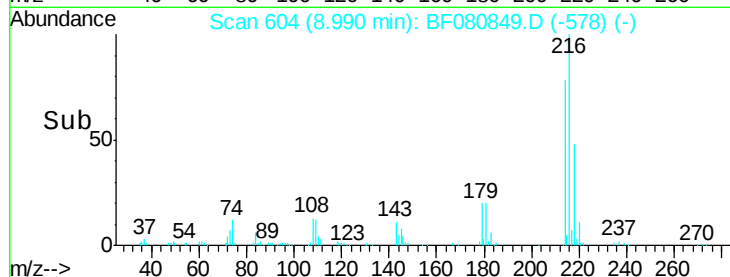


Abundance Ion 216.00 (215.70 to 216.70): E

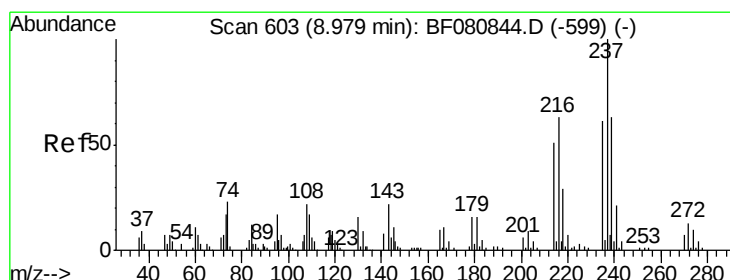
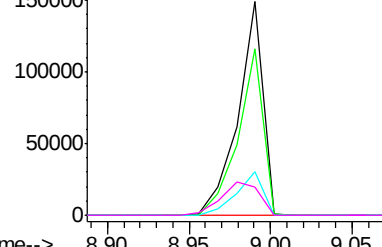
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.33 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

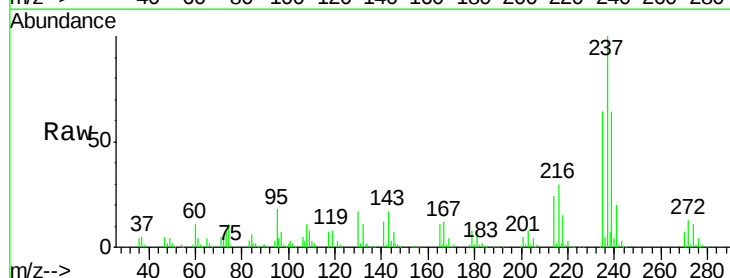
Tgt Ion:237 Resp: 218730

Ion Ratio Lower Upper

237 100

235 64.4 40.9 80.9

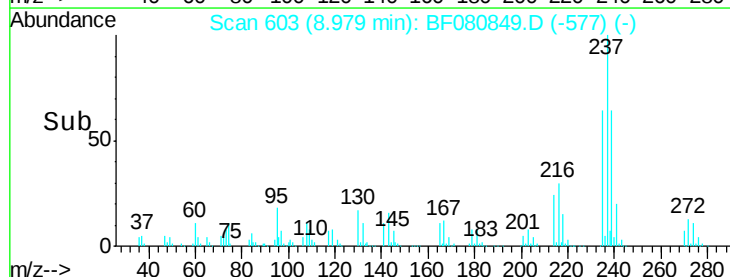
272 12.9 0.0 33.1



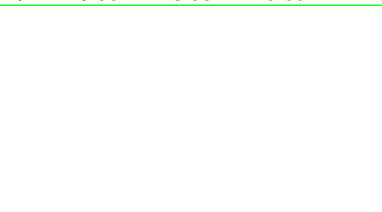
Abundance Ion 236.80 (236.50 to 237.50): E

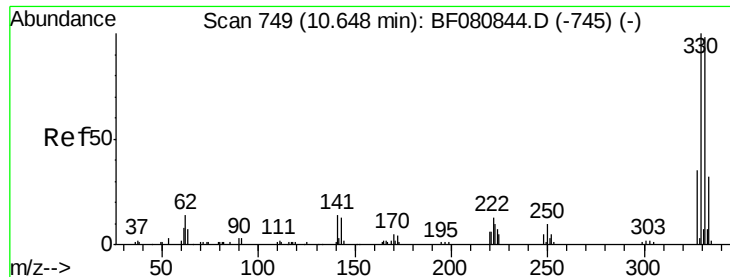
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

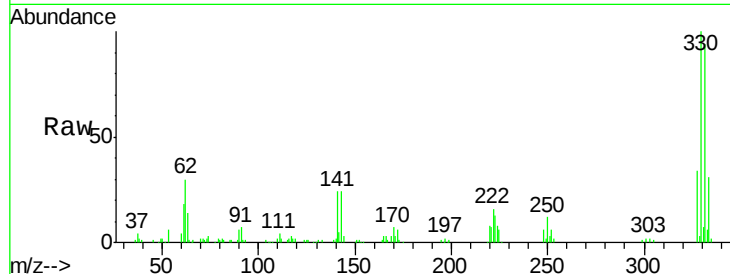




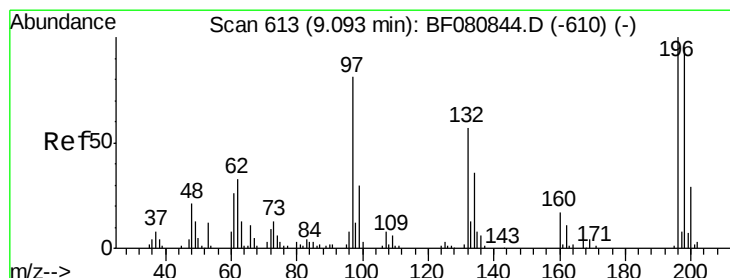
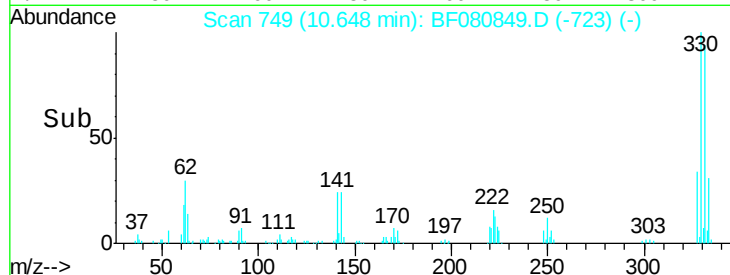
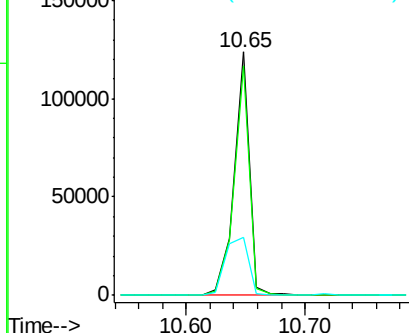
#41
 2,4,6-Tribromophenol
 Concen: 91.66 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.8	116.8
141	36.1	28.4	42.6

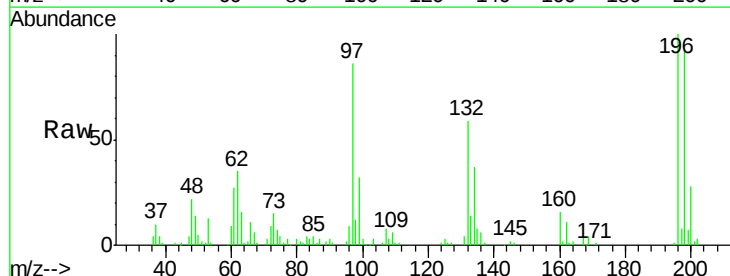


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

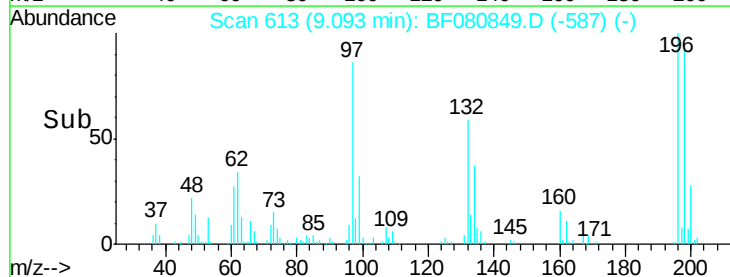
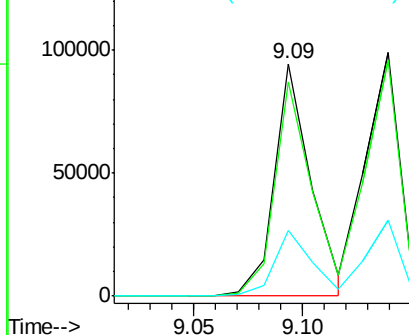


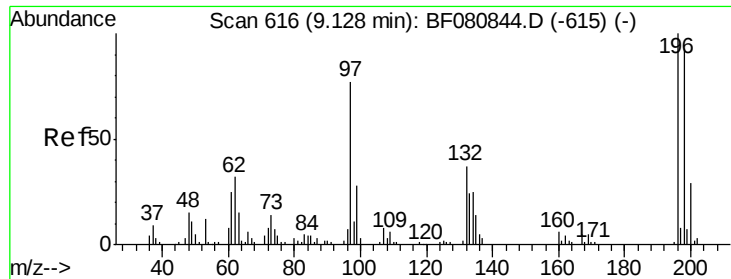
#42
 2,4,6-Trichlorophenol
 Concen: 38.45 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	76.4	114.6
200	28.1	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

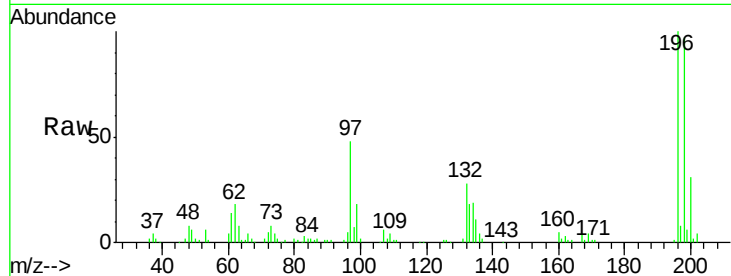




#43
 2,4,5-Trichlorophenol
 Concen: 39.15 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113585		
198	96.8	74.2	111.4	
97	48.1	63.0	94.6	#
132	27.6	30.0	45.0	#



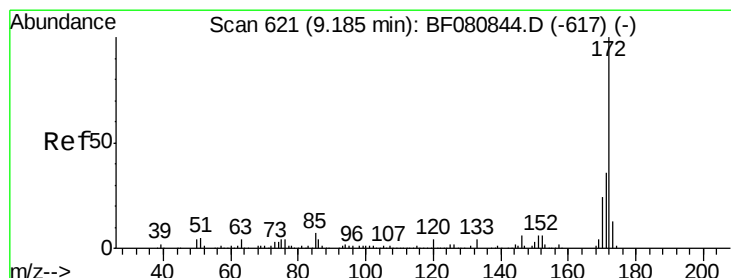
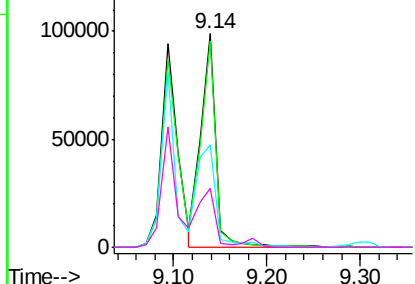
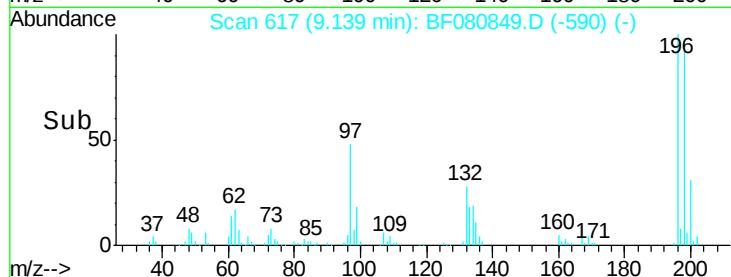
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

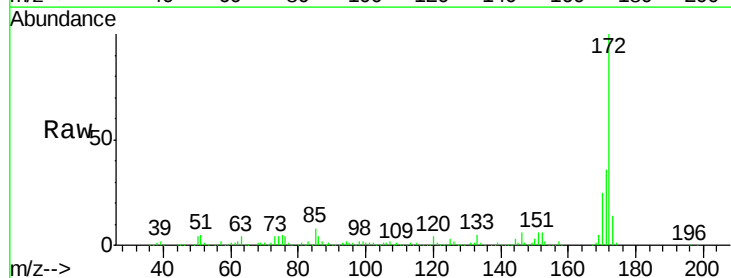
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.59 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	748563		
171	35.8	28.9	43.3	
170	24.5	19.4	29.2	

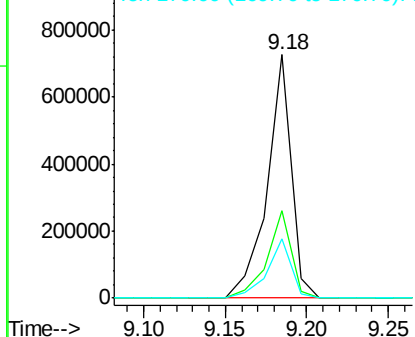
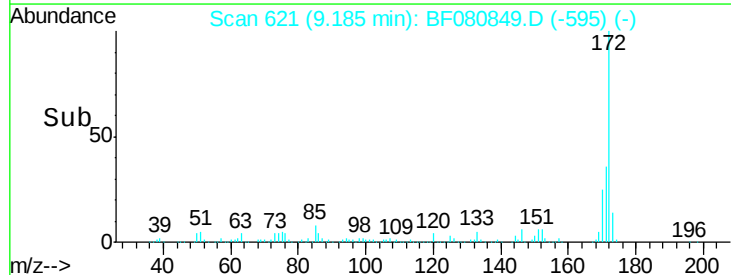


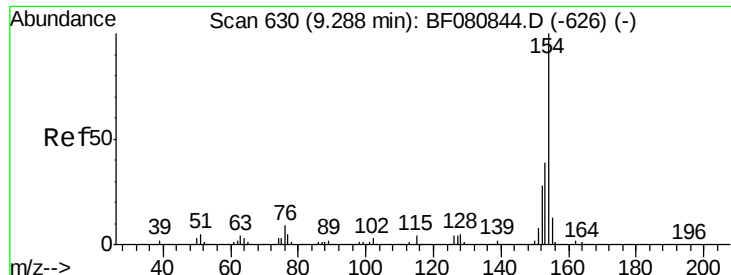
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.66 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

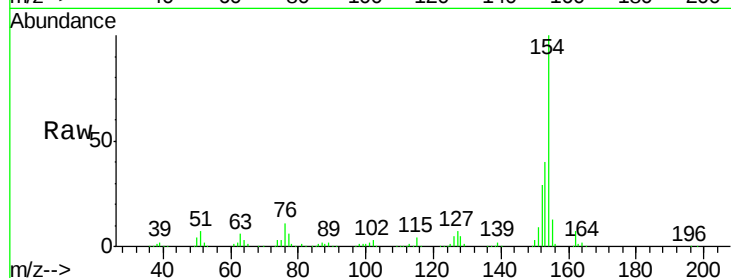
Tot Ion:154 Resp: 480303

Ion Ratio Lower Upper

154 100

153 40.3 19.2 59.2

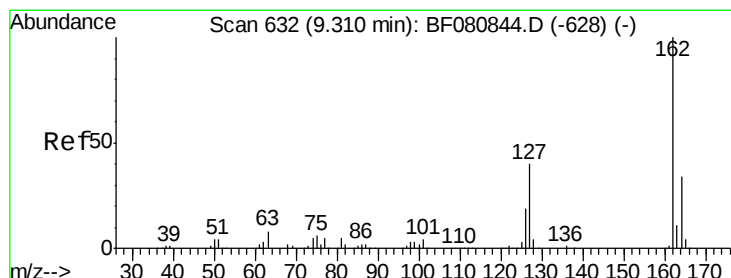
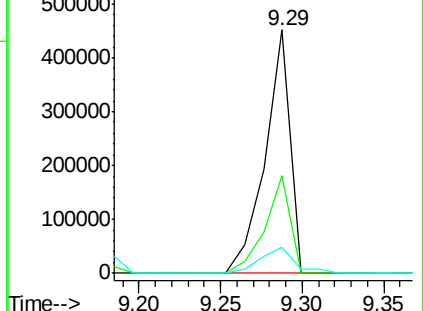
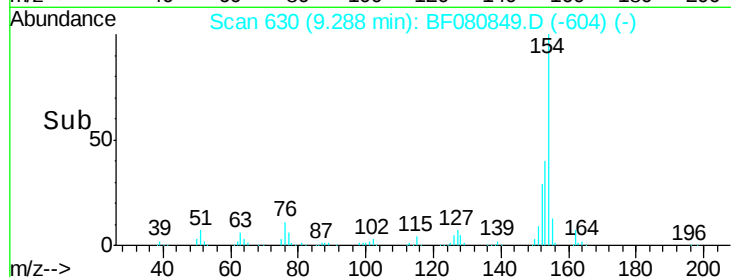
76 10.5 0.0 29.3



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: 39.84 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

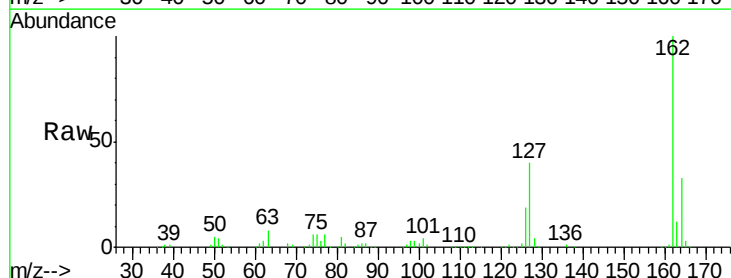
Tgt Ion:162 Resp: 357278

Ion Ratio Lower Upper

162 100

127 40.1 31.9 47.9

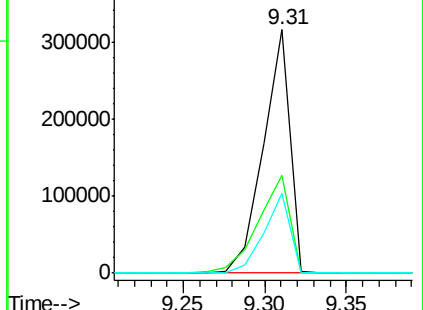
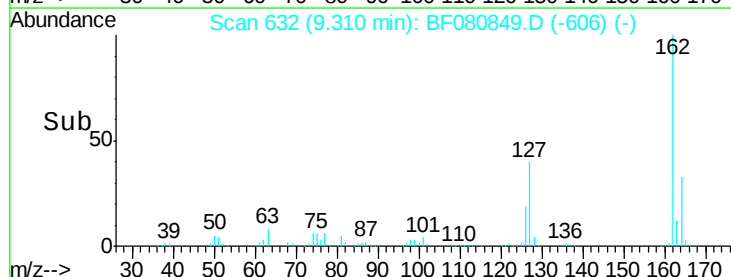
164 32.9 26.8 40.2

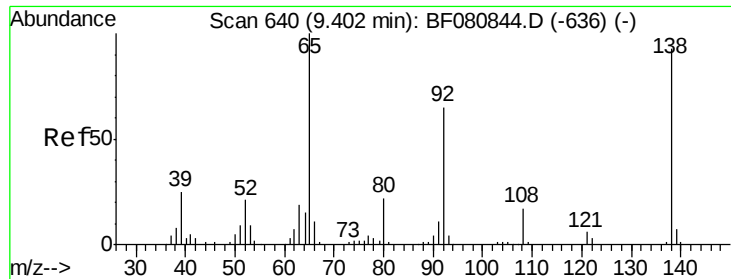


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

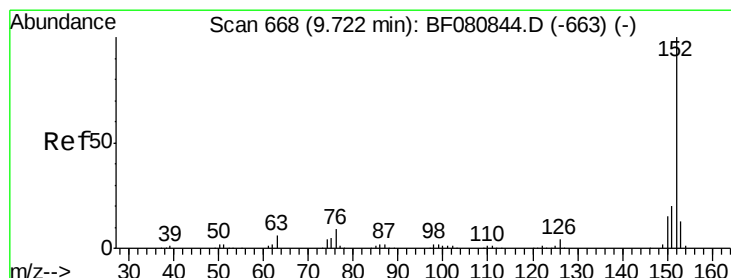
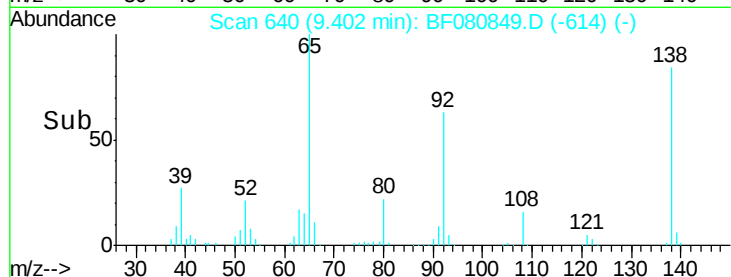
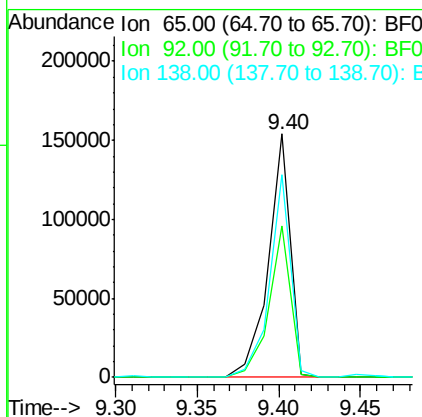
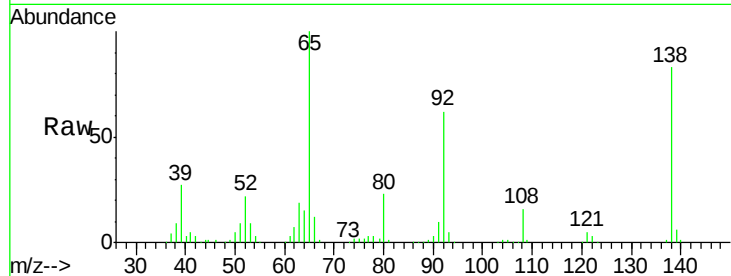




#47
2-Nitroaniline
Concen: 44.12 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

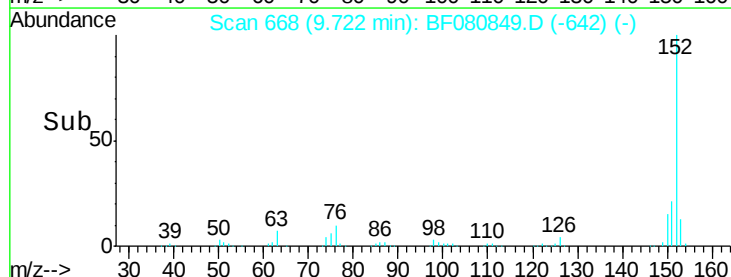
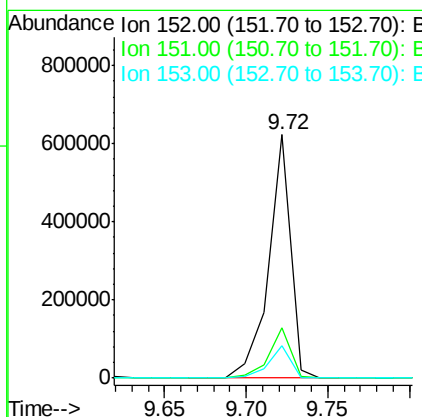
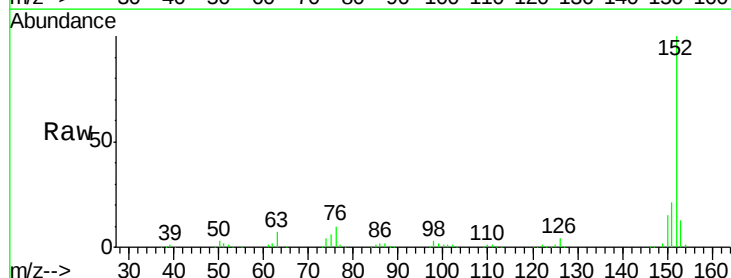
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

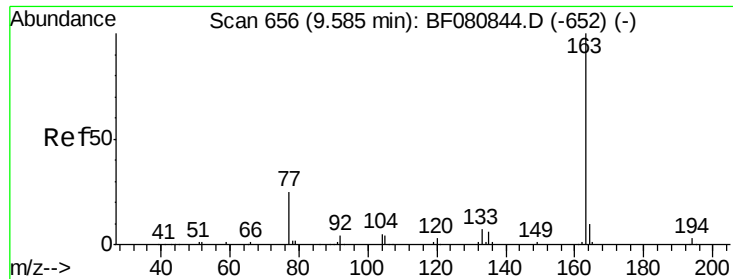
Tot Ion: 65 Resp: 144023
Ion Ratio Lower Upper
65 100
92 62.3 51.7 77.5
138 83.5 74.2 111.2



#48
Acenaphthylene
Concen: 39.52 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion: 152 Resp: 583142
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.1 10.6 15.8

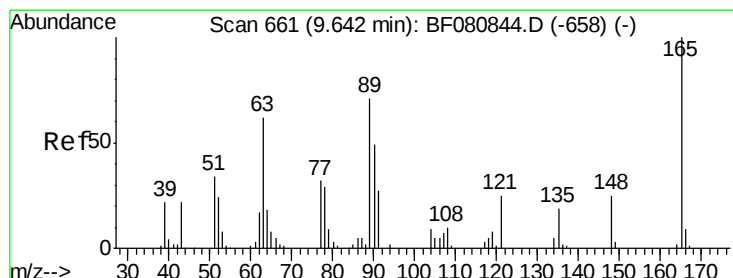
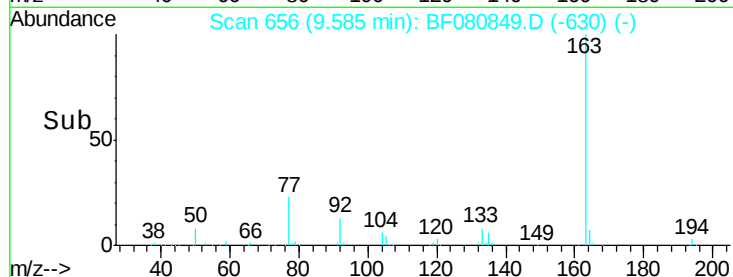
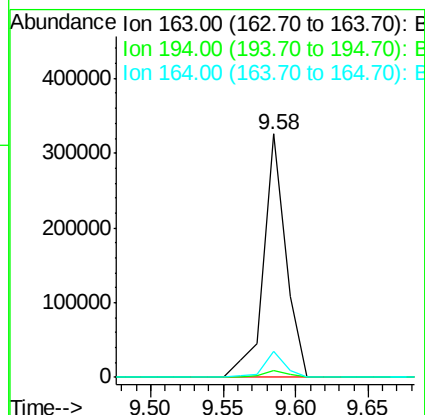
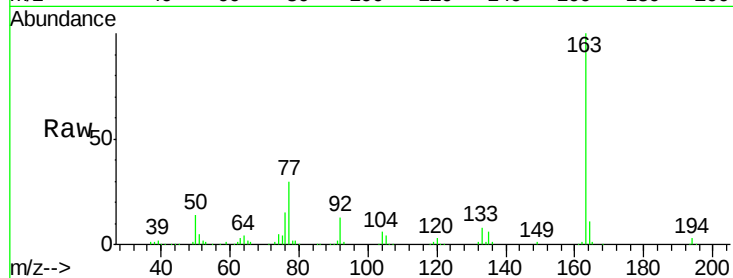




#49
Dimethylphthalate
Concen: 37.88 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

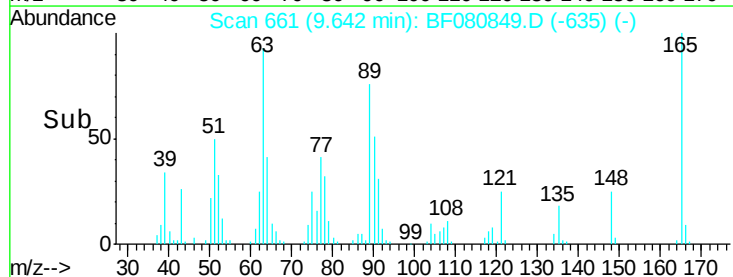
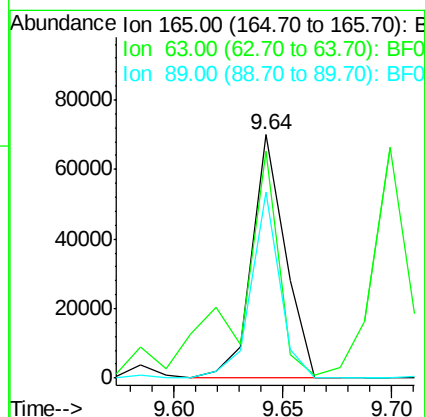
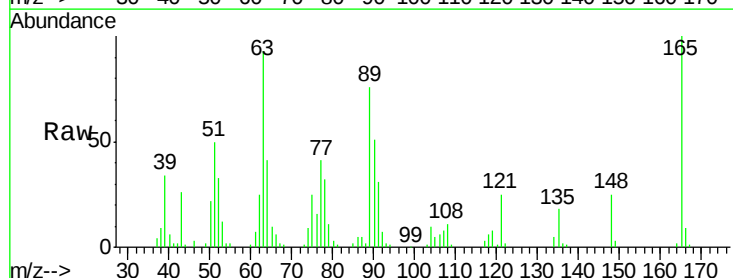
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

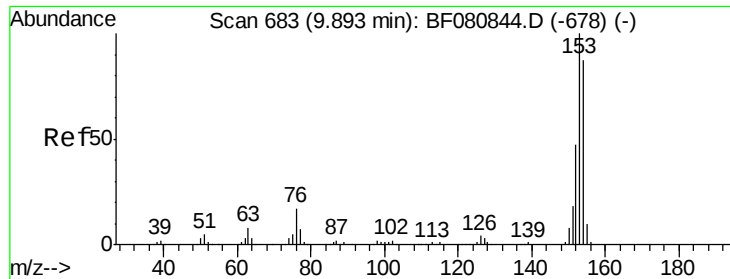
Tot Ion:163 Resp: 345546
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 39.23 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion:165 Resp: 74838
Ion Ratio Lower Upper
165 100
63 93.0 65.0 97.6
89 76.5 56.6 85.0





#51

Acenaphthene

Concen: 44.21 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

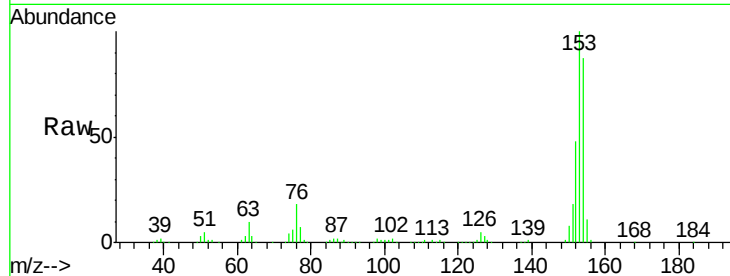
Tot Ion:154 Resp: 392173

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.6

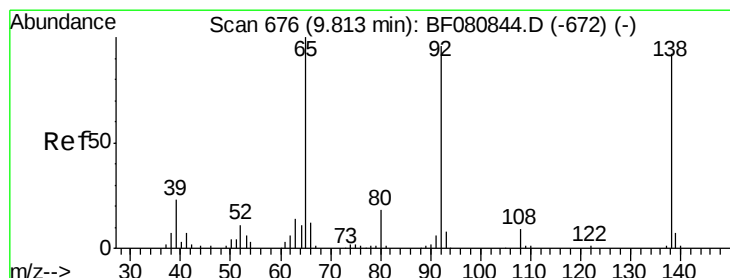
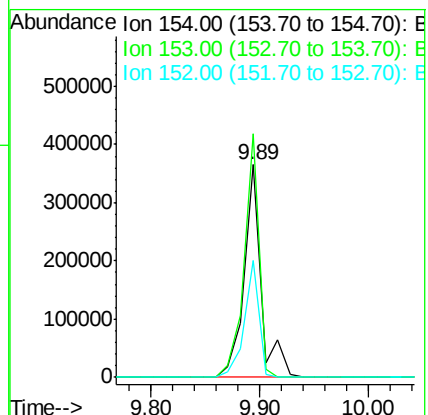
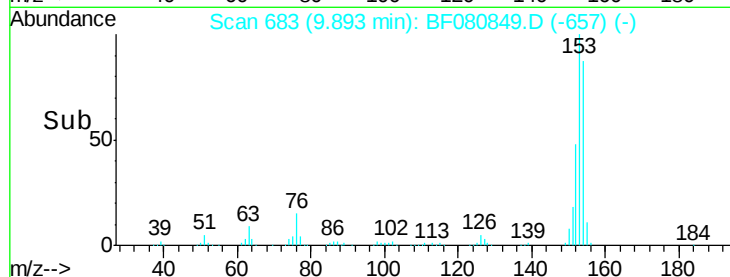
152 55.0 43.2 64.8



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: 25.29 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

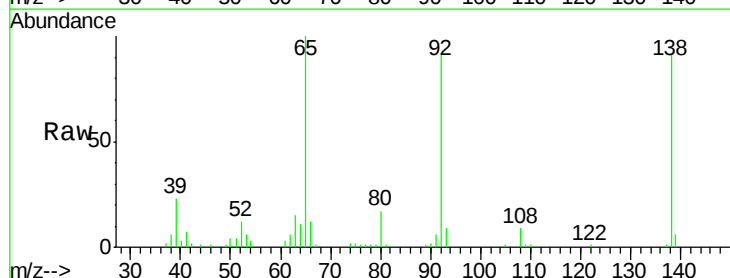
Tgt Ion:138 Resp: 59590

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

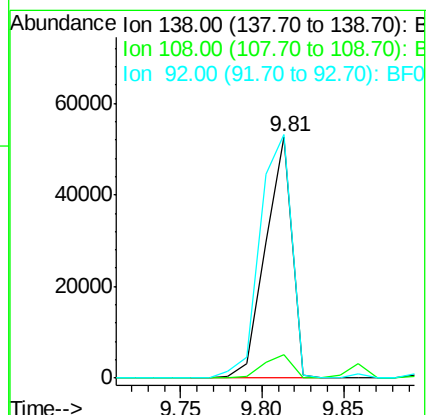
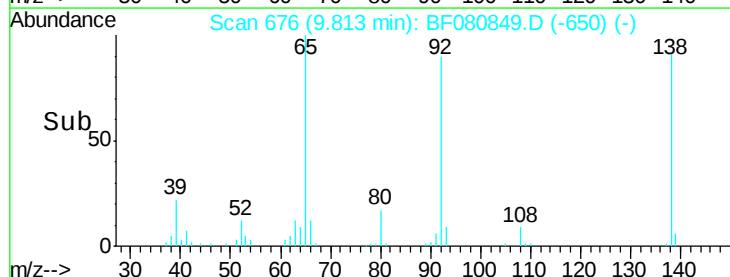
92 100.8 83.7 125.5

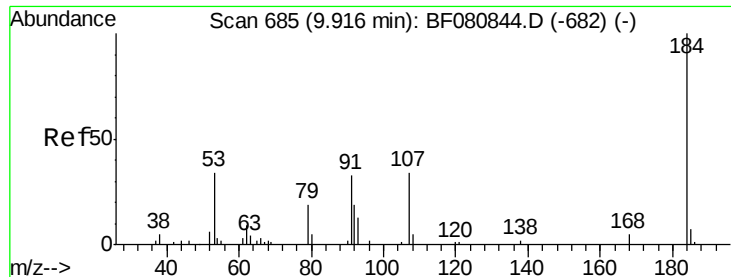


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

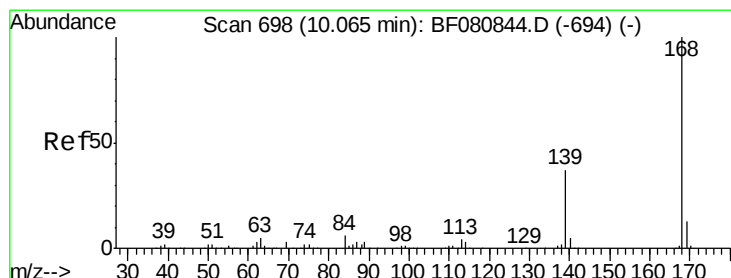
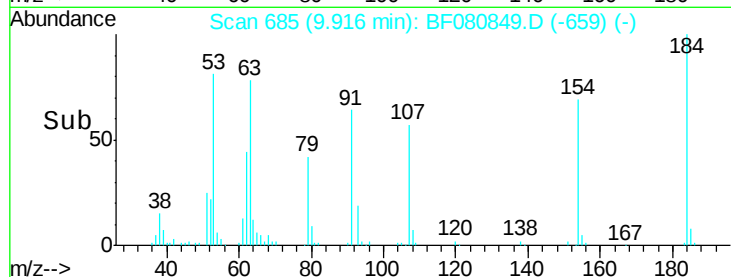
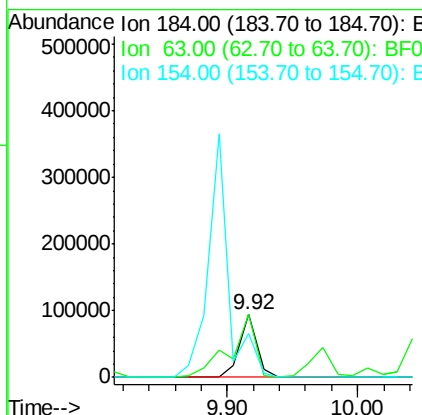
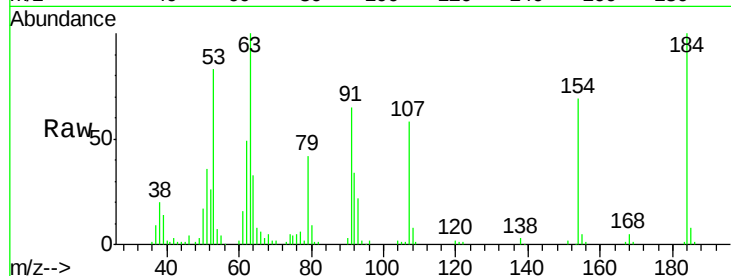




#53
 2,4-Dinitrophenol
 Concen: 66.89 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

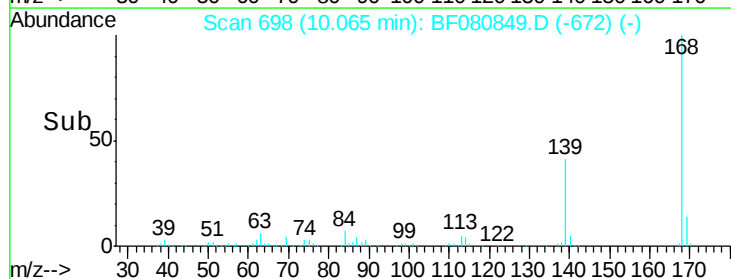
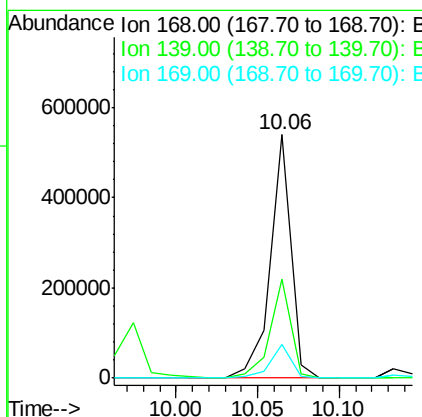
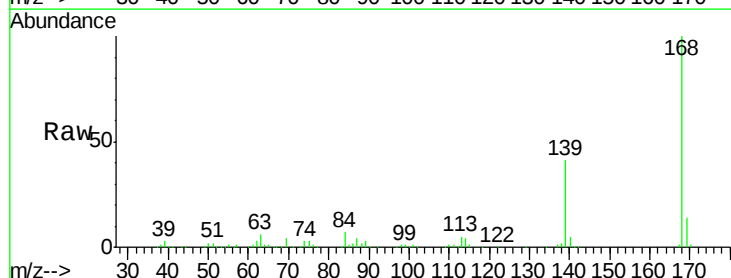
Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

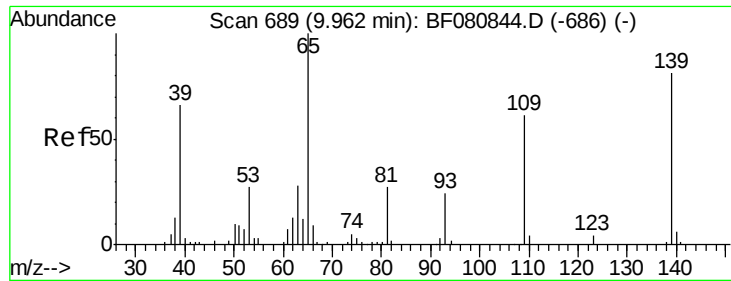
Tot Ion:184 Resp: 86733
 Ion Ratio Lower Upper
 184 100
 63 100.2 33.8 50.6#
 154 69.3 44.2 66.2#



#54
 Dibenzofuran
 Concen: 40.36 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion:168 Resp: 477485
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.0 45.0
 169 13.6 10.6 16.0

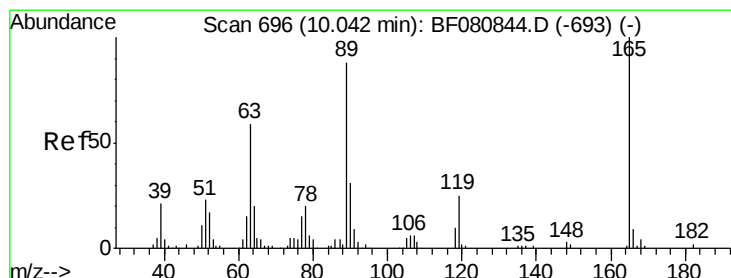
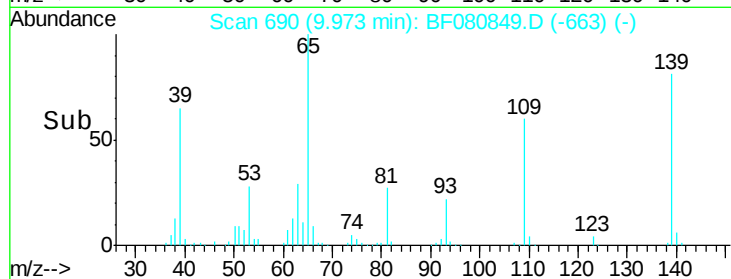
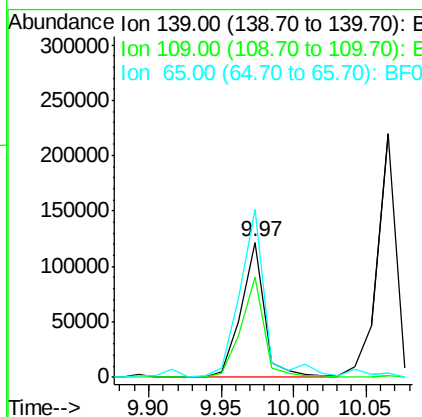
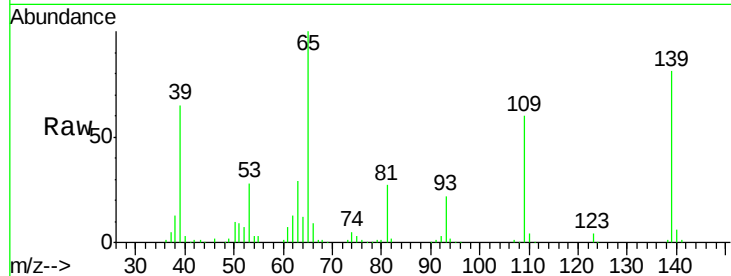




#55
4-Nitrophenol
Concen: 83.41 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

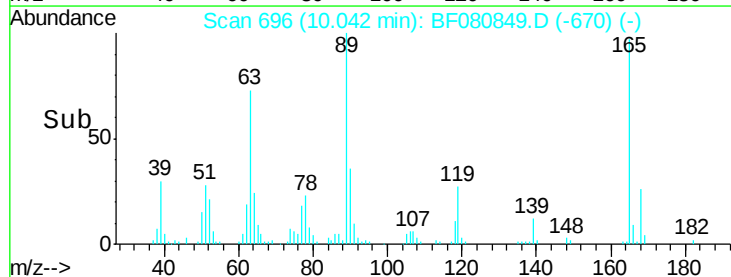
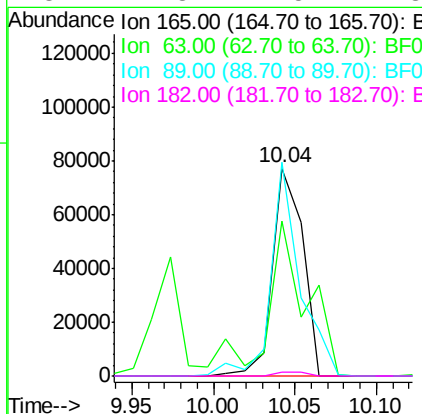
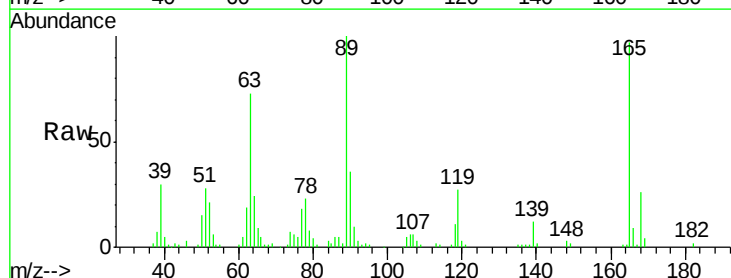
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

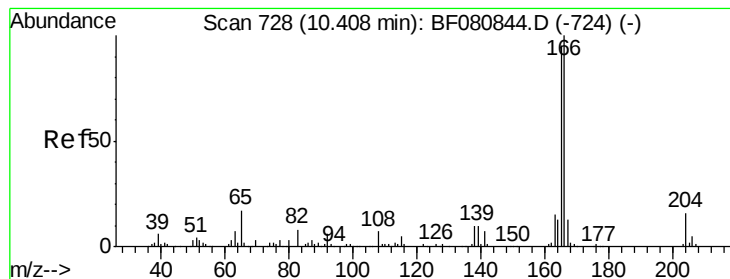
Tot Ion:139 Resp: 138286
Ion Ratio Lower Upper
139 100
109 74.1 54.4 94.4
65 124.1 103.0 143.0



#56
2,4-Dinitrotoluene
Concen: 41.55 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion:165 Resp: 100081
Ion Ratio Lower Upper
165 100
63 74.7 47.2 70.8#
89 102.9 70.2 105.2
182 1.8 1.5 2.3





#57

Fluorene

Concen: 40.56 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

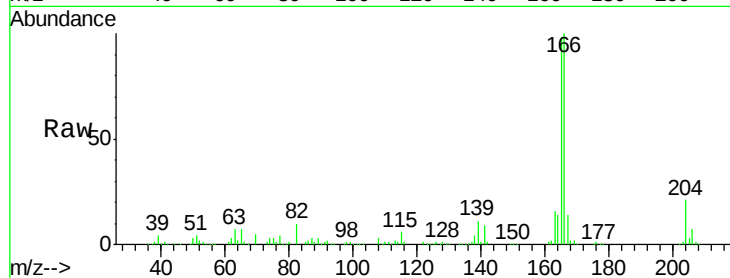
Tot Ion:166 Resp: 366413

Ion Ratio Lower Upper

166 100

165 97.6 76.2 114.2

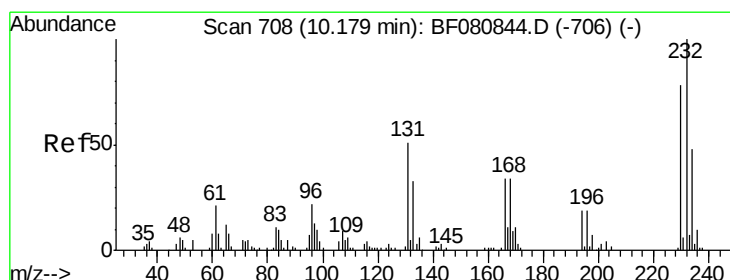
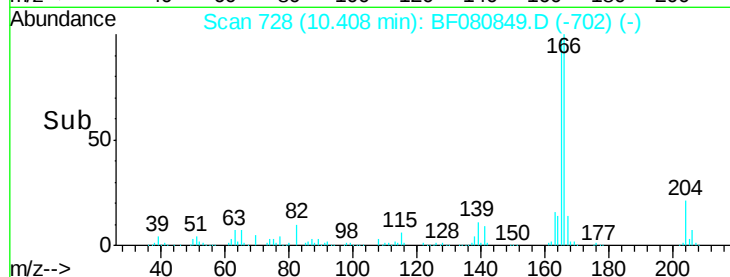
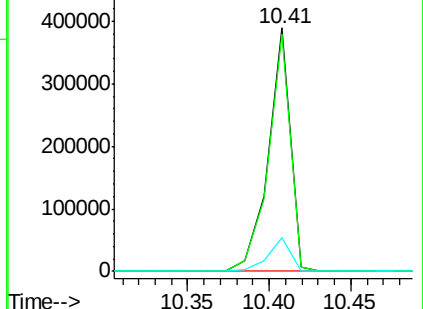
167 13.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.12 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Tgt Ion:232 Resp: 85635

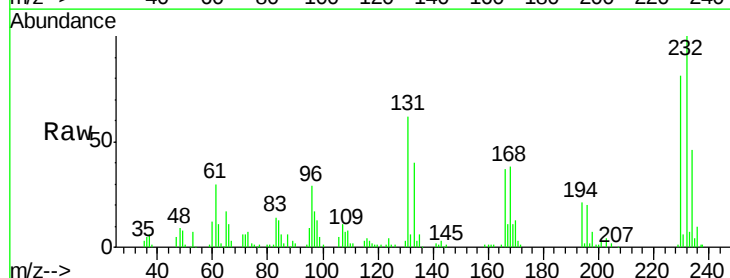
Ion Ratio Lower Upper

232 100

131 57.2 43.7 65.5

130 2.5 1.9 2.9

166 33.9 26.9 40.3

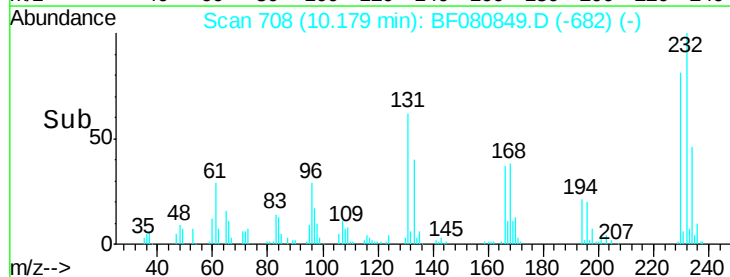
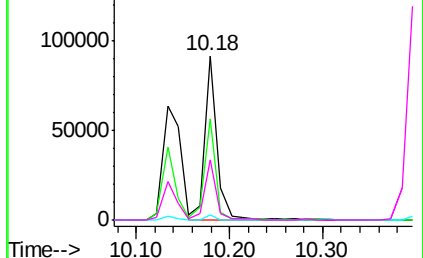


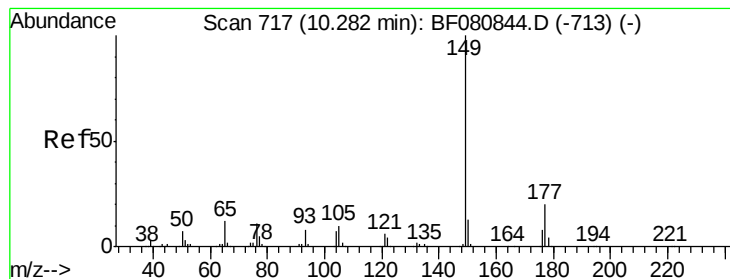
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.46 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

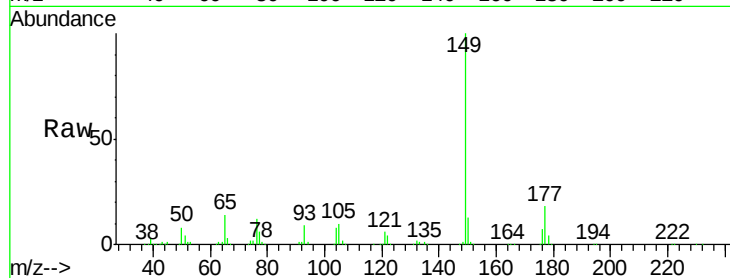
Tot Ion:149 Resp: 374416

Ion Ratio Lower Upper

149 100

177 18.3 15.8 23.8

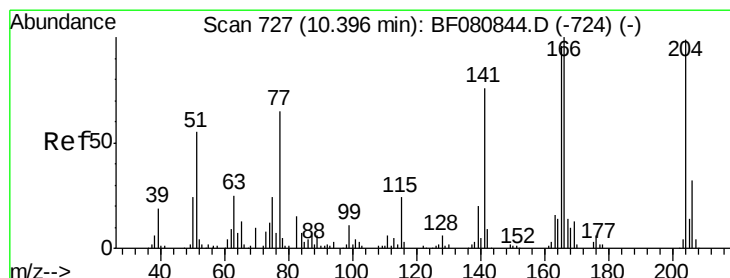
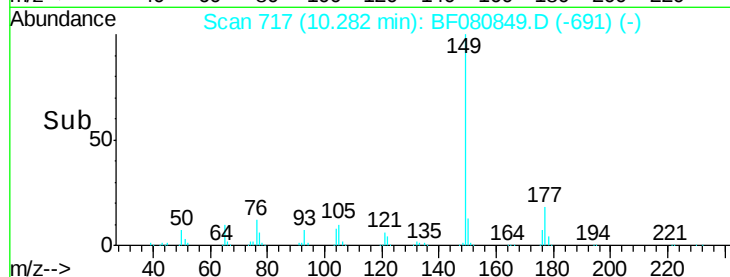
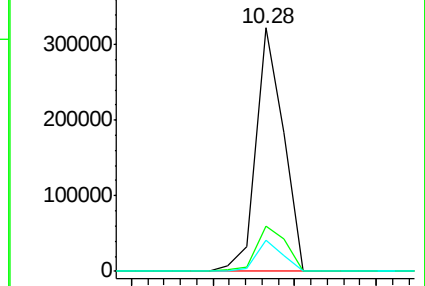
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.06 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

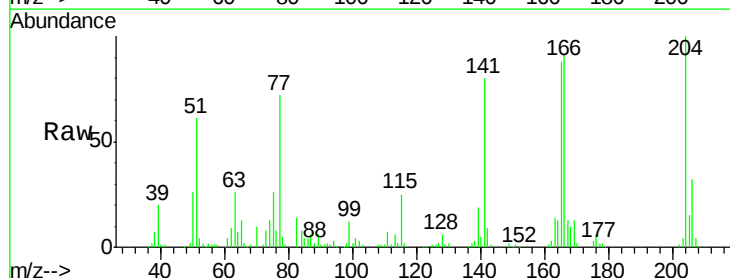
Tgt Ion:204 Resp: 152128

Ion Ratio Lower Upper

204 100

206 31.7 25.8 38.8

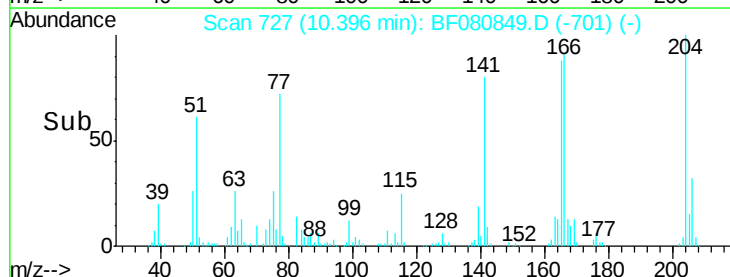
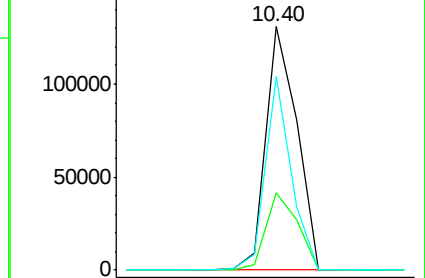
141 79.7 61.4 92.2

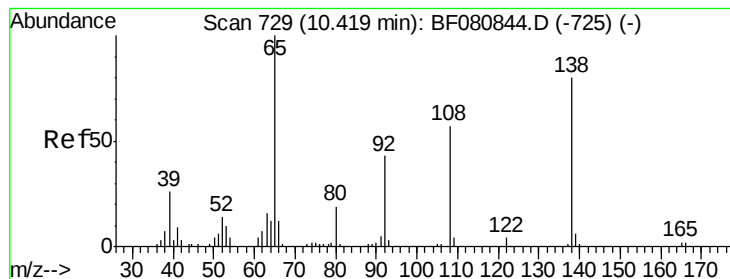


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.92 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

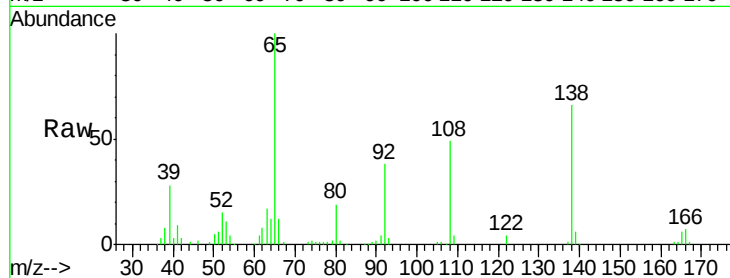
Tot Ion:138 Resp: 73433

Ion Ratio Lower Upper

138 100

92 58.1 33.5 73.5

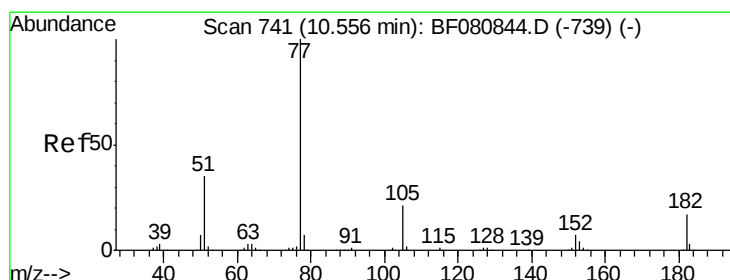
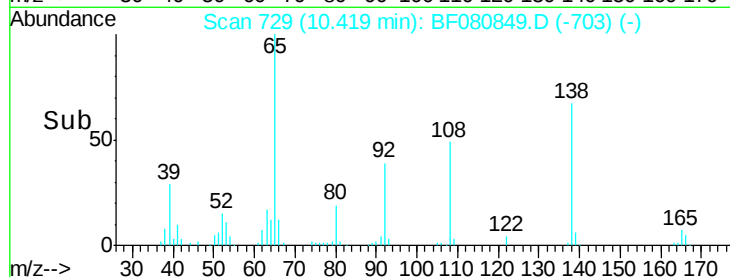
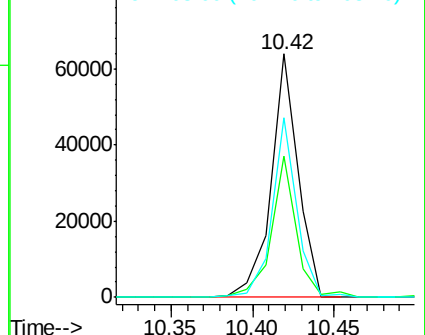
108 74.0 52.3 92.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.96 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Tgt Ion: 77 Resp: 443174

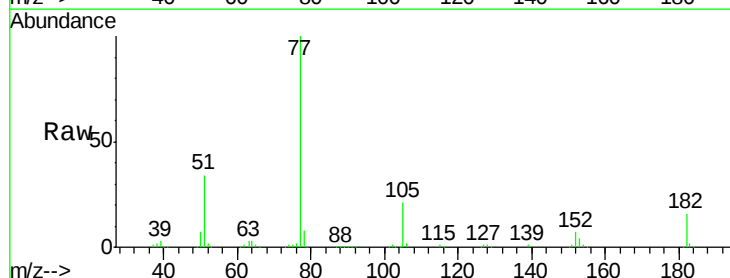
Ion Ratio Lower Upper

77 100

182 16.2 0.0 37.0

105 21.0 1.3 41.3

51 34.3 14.6 54.6

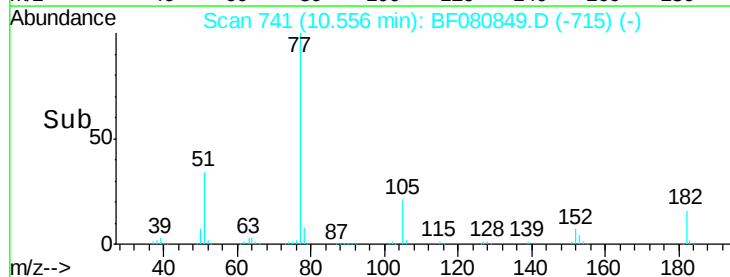
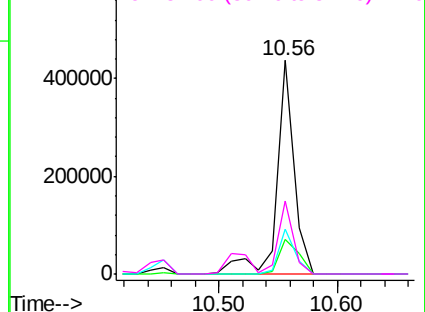


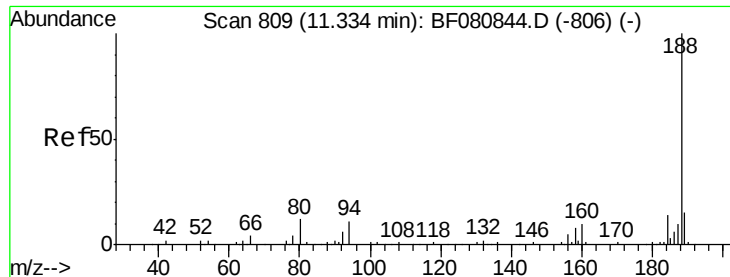
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

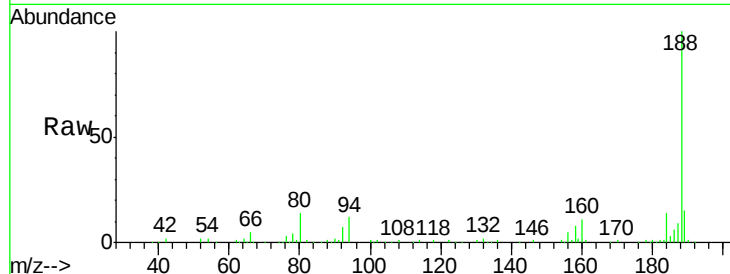




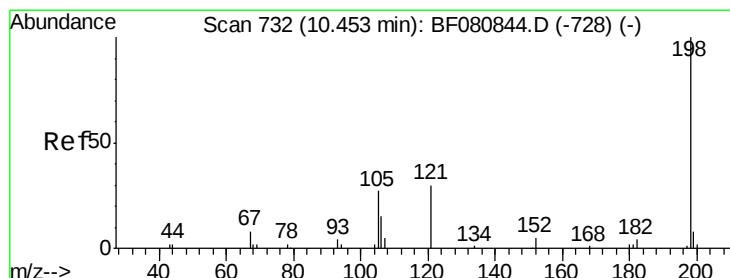
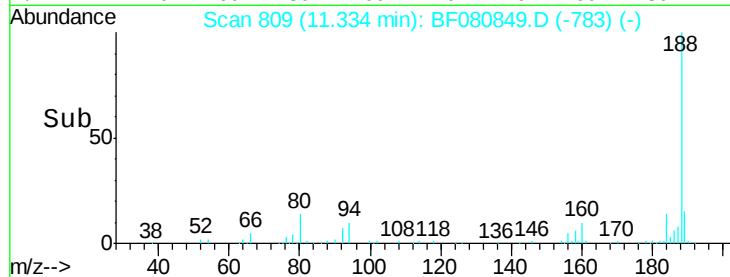
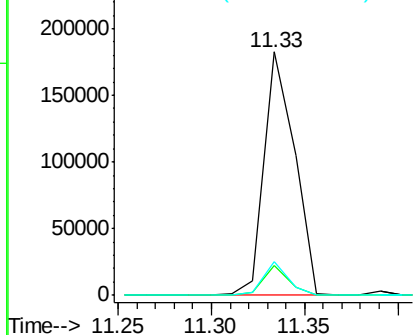
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.6	12.8
80	13.9	9.3	13.9#

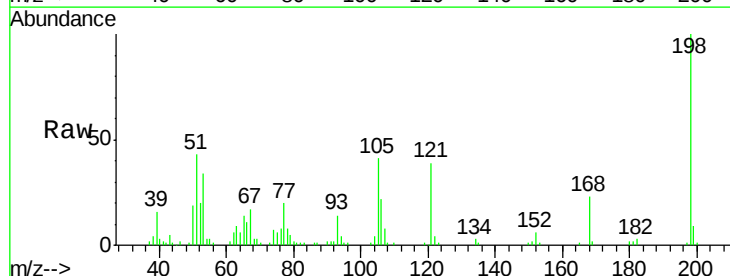


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

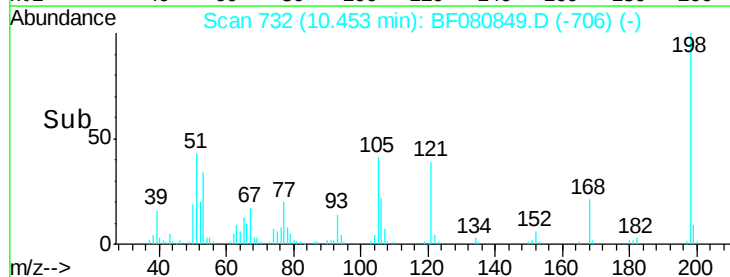
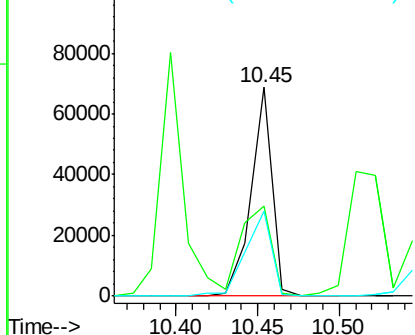


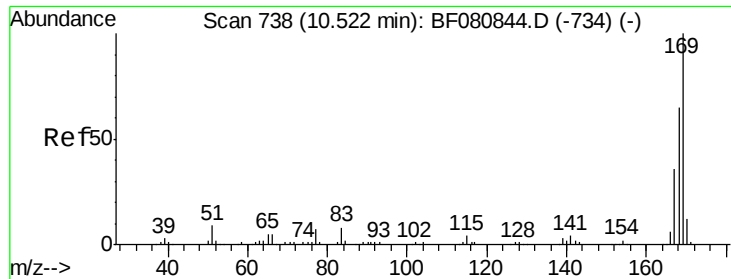
#64
4,6-Dinitro-2-methylphenol
Concen: 46.32 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.5	4.7	44.7
105	40.9	8.5	48.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

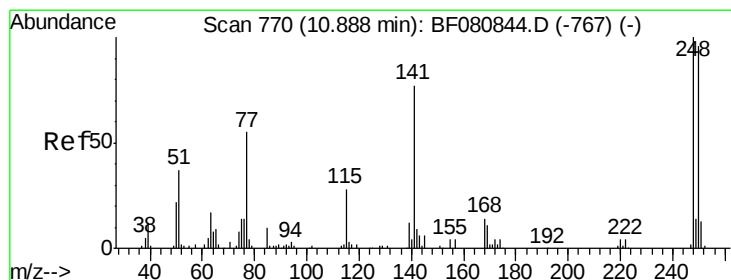
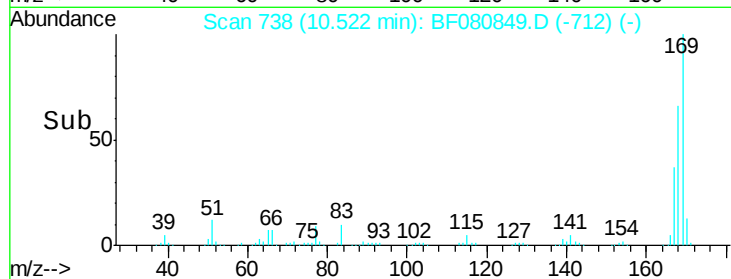
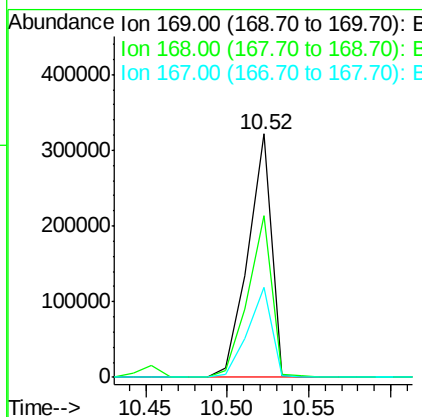
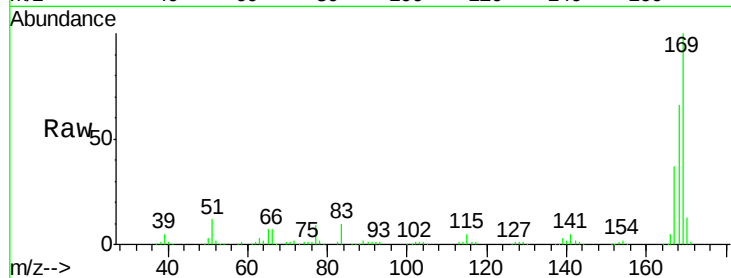




#65
 n-Nitrosodiphenylamine
 Concen: 40.94 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

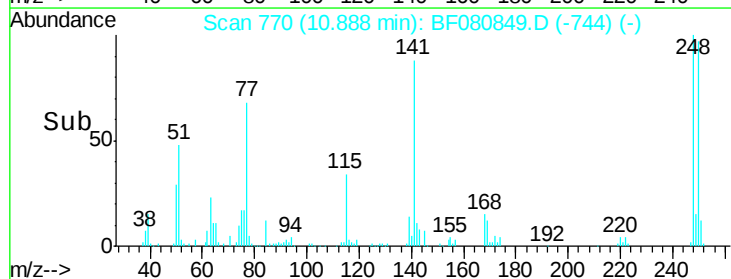
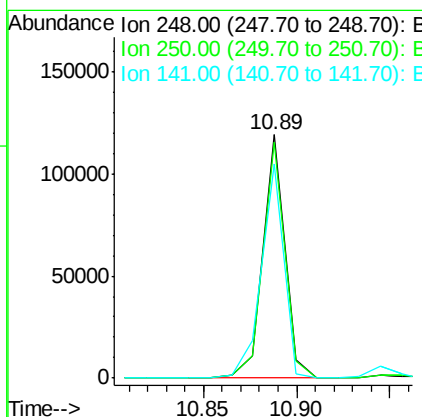
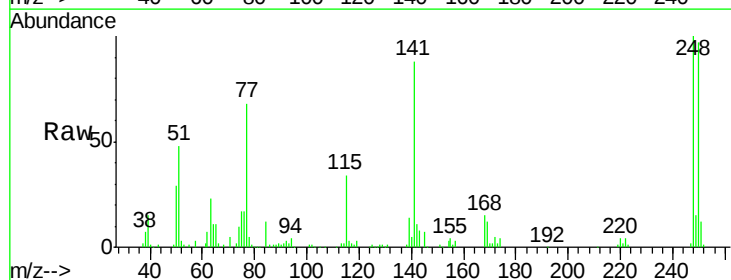
Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

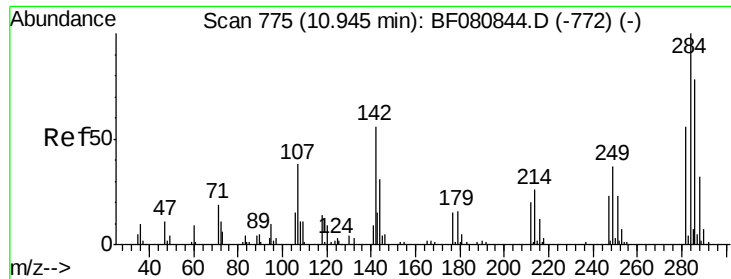
Tot Ion:169 Resp: 323588
 Ion Ratio Lower Upper
 169 100
 168 66.4 52.2 78.4
 167 36.8 29.2 43.8



#66
 4-Bromophenyl-phenylether
 Concen: 41.98 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion:248 Resp: 95860
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.2 115.8
 141 88.1 61.4 92.0

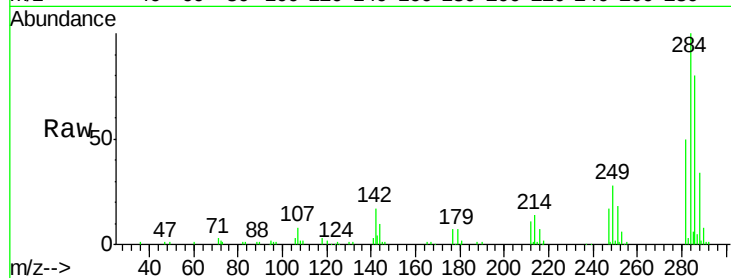




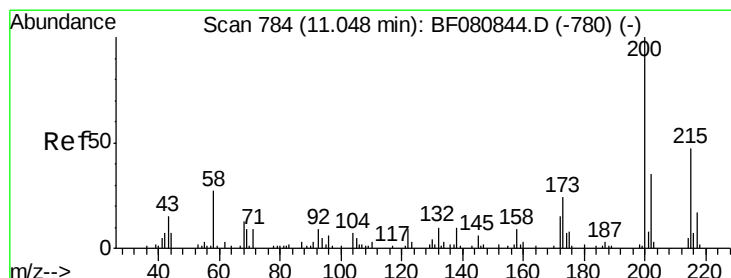
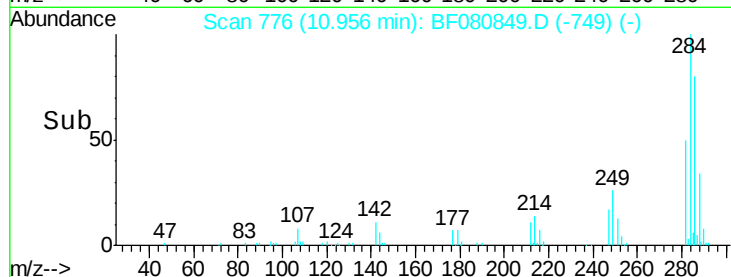
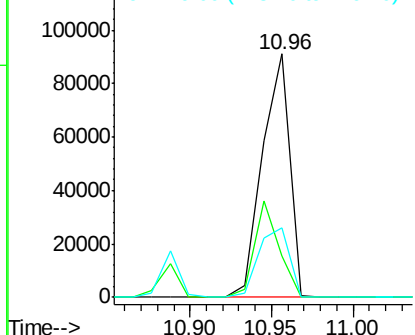
#67
Hexachlorobenzene
Concen: 42.55 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	17.1	44.4	66.6#
249	28.4	29.3	43.9#

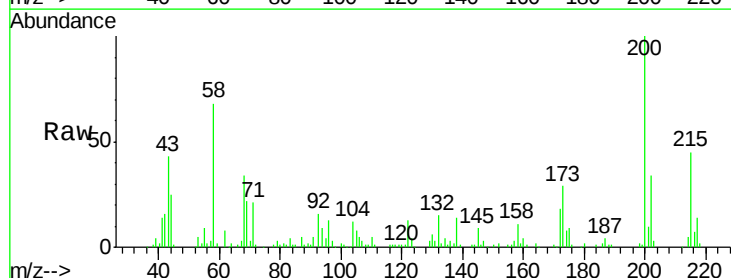


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

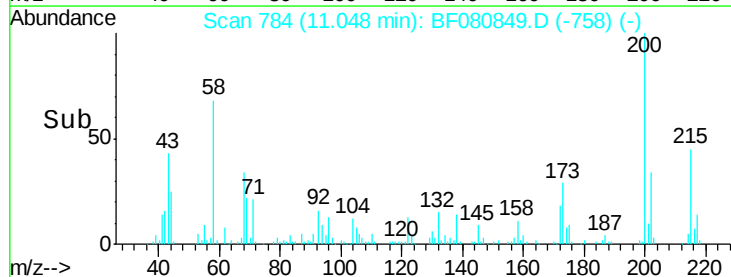
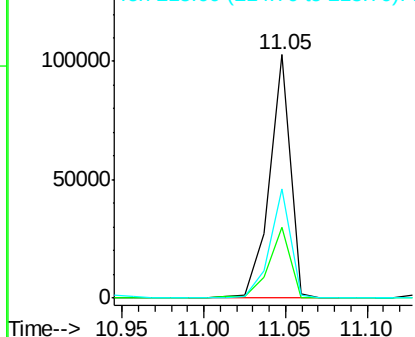


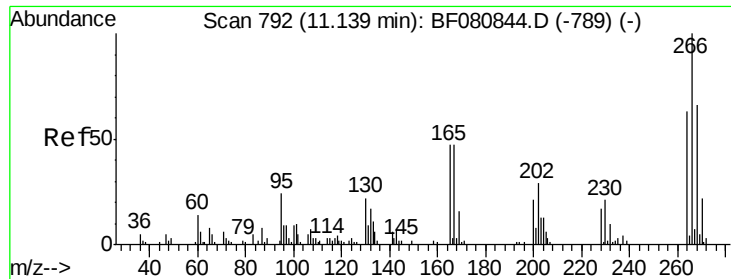
#68
Atrazine
Concen: 44.50 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	4.8	44.8
215	44.6	27.1	67.1



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

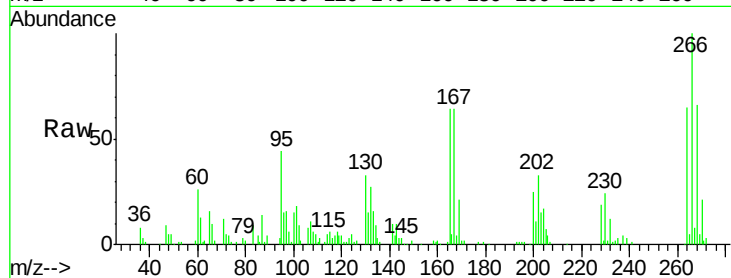




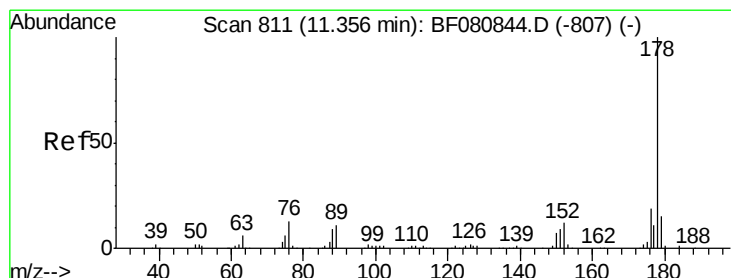
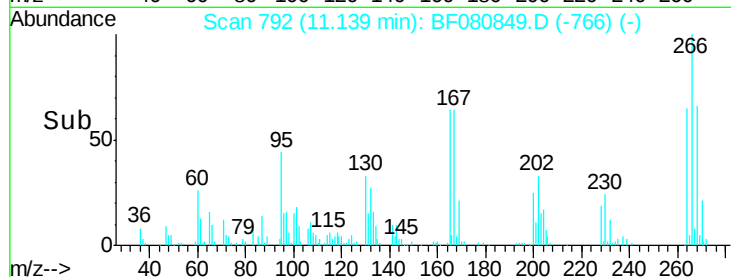
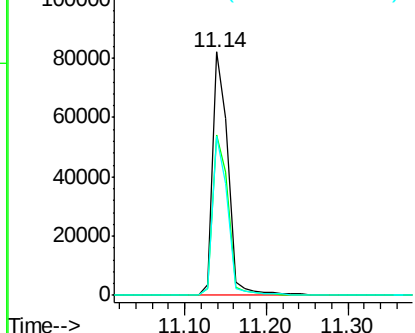
#69
 Pentachlorophenol
 Concen: 79.32 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion:266 Resp: 107796
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.6 78.8
 264 65.4 50.7 76.1

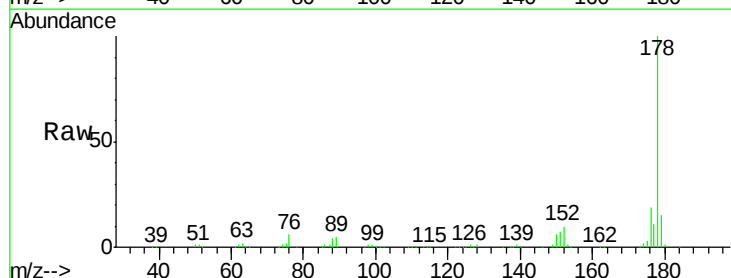


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

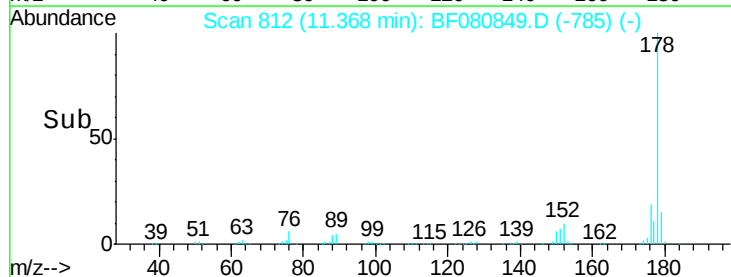
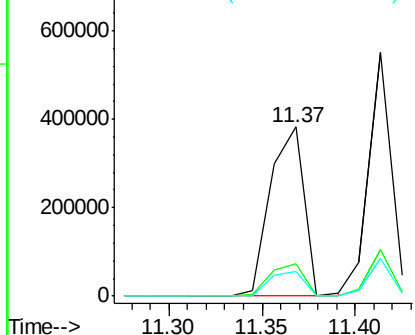


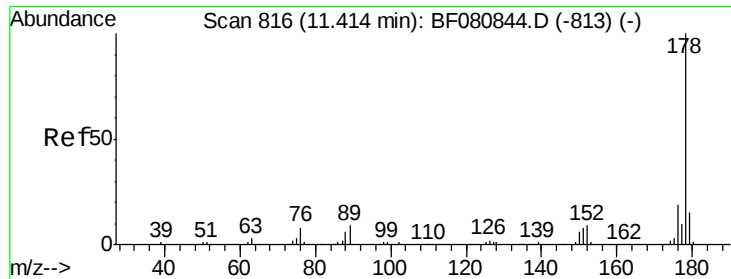
#70
 Phenanthrene
 Concen: 40.60 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion:178 Resp: 483951
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.0 12.3 18.5



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

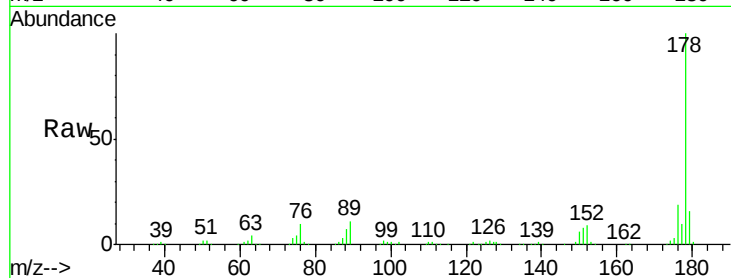




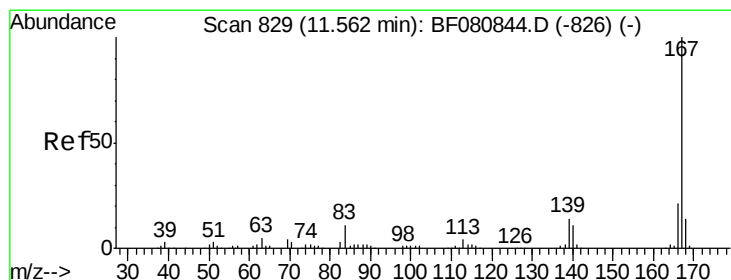
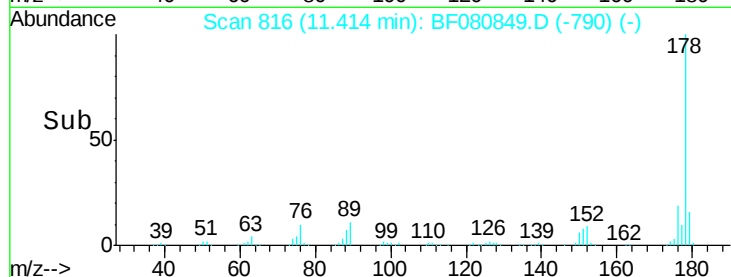
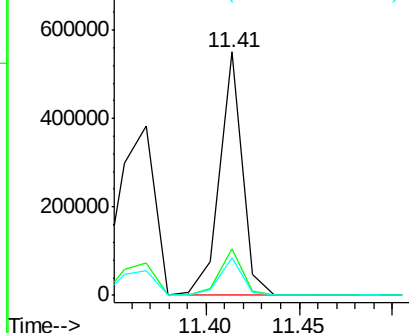
#71
 Anthracene
 Concen: 40.15 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion:178 Resp: 465047
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.2 18.4

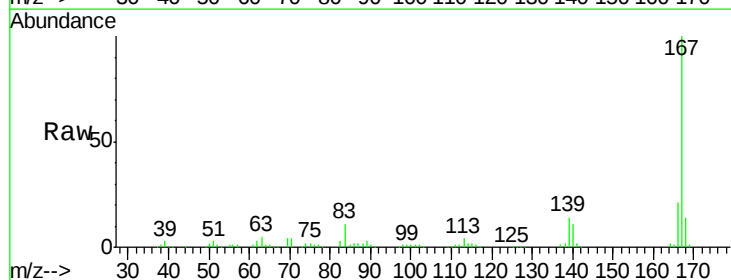


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

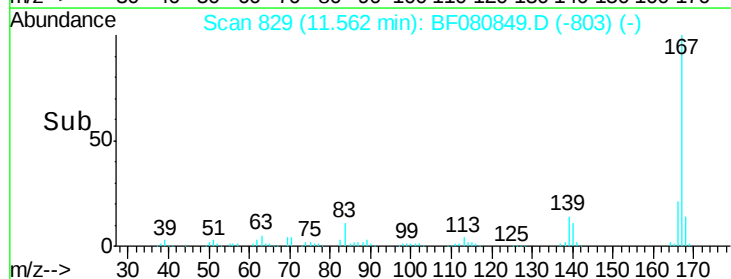
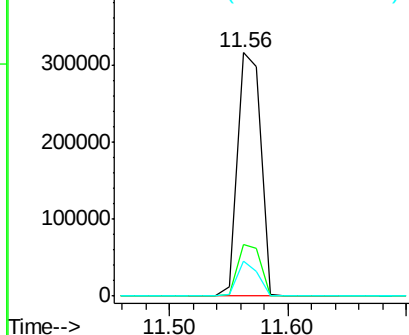


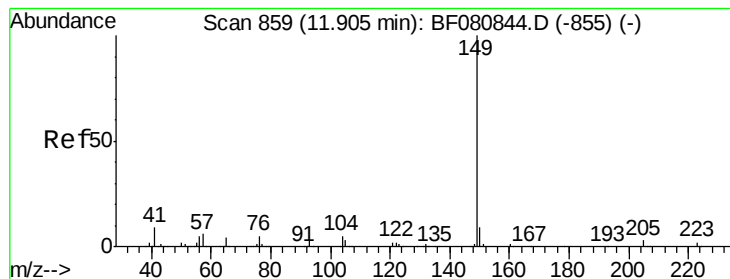
#72
 Carbazole
 Concen: 39.55 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion:167 Resp: 432151
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.6 25.0
 139 14.3 11.3 16.9



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: 41.64 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

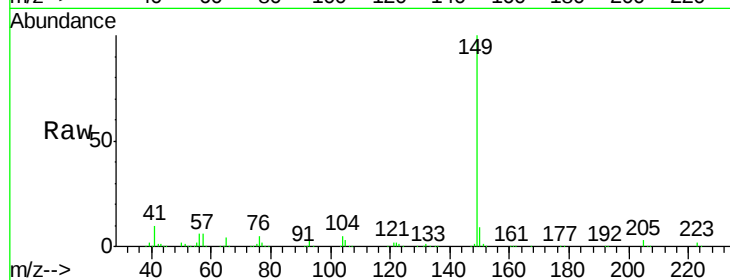
Tot Ion:149 Resp: 538642

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

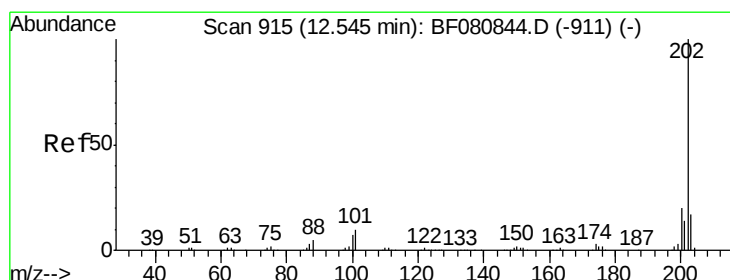
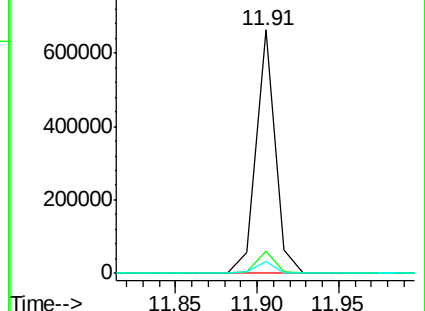
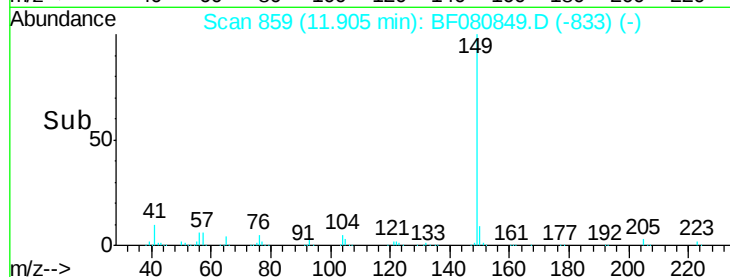
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.05 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

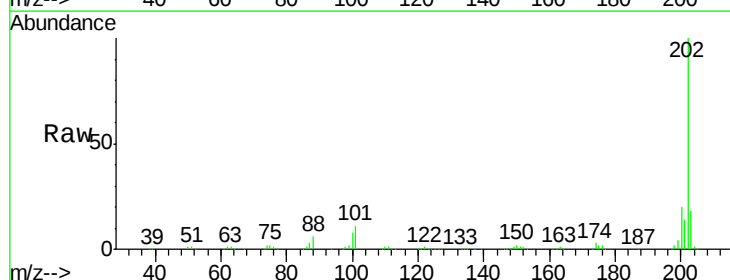
Tgt Ion:202 Resp: 476533

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.9

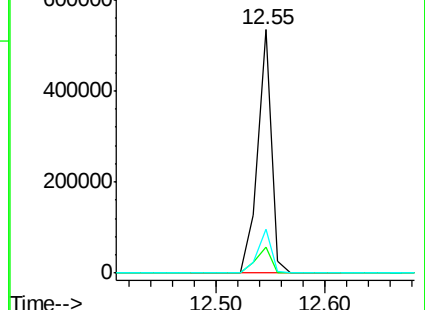
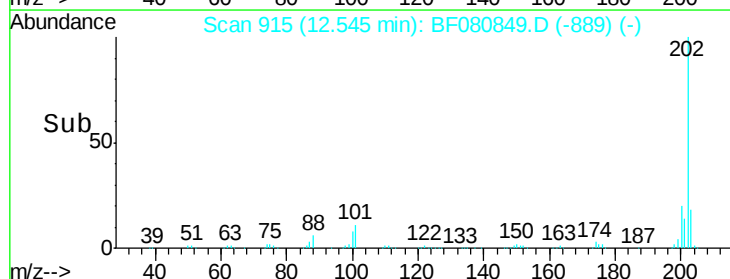
203 17.9 0.0 37.4

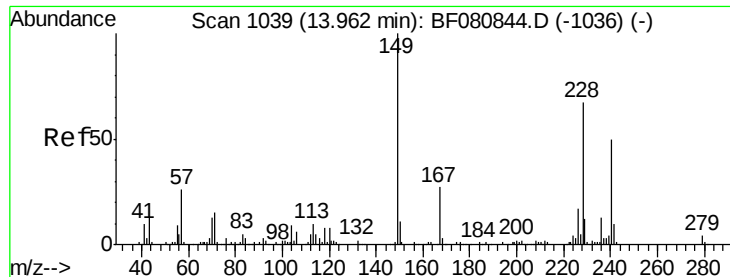


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

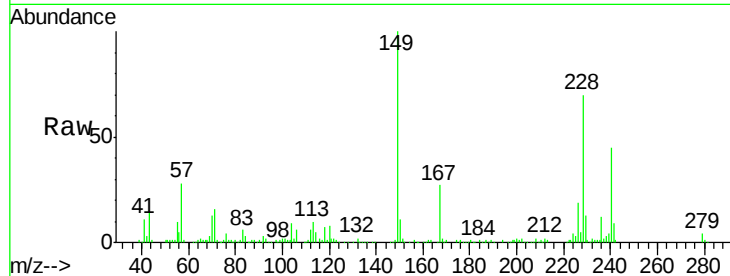
Tot Ion:240 Resp: 112579

Ion Ratio Lower Upper

240 100

120 17.3 13.0 19.6

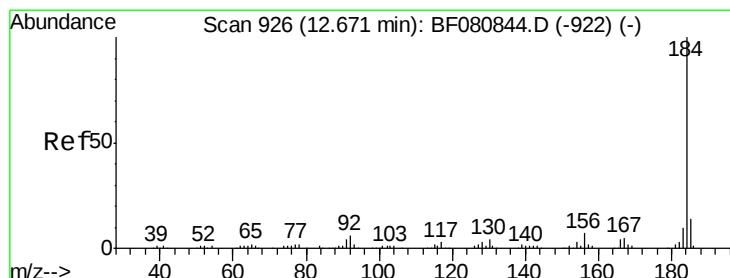
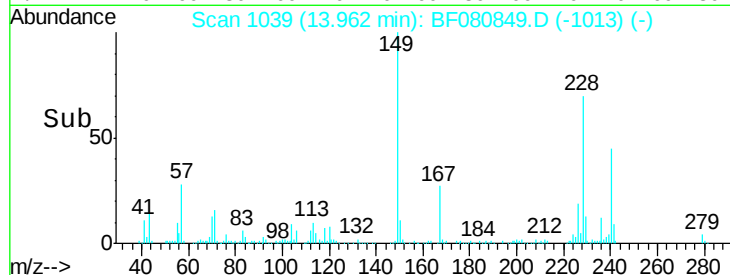
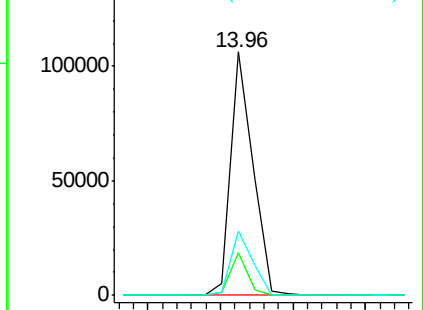
236 26.6 20.7 31.1



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: 25.90 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

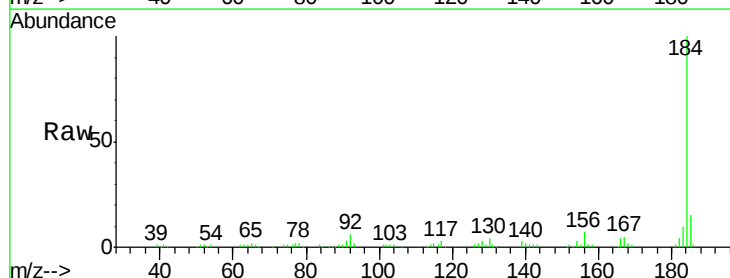
Tgt Ion:184 Resp: 141140

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

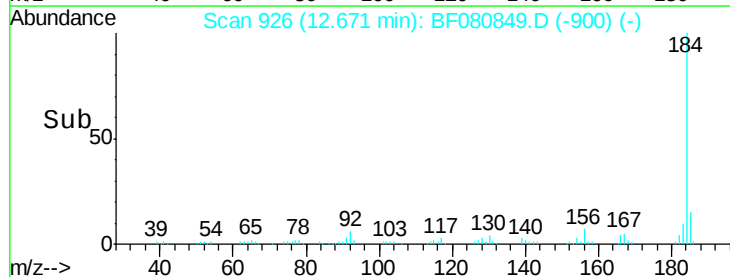
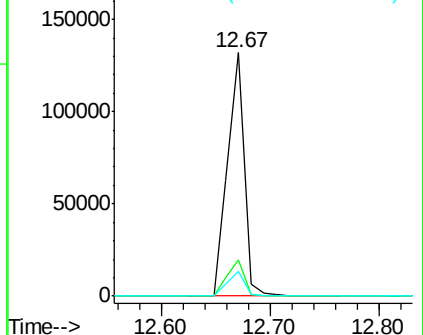
183 10.1 8.4 12.6

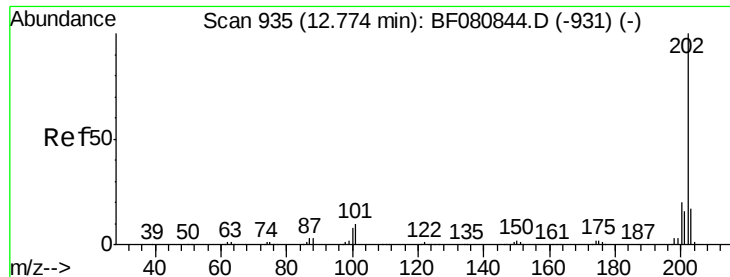


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

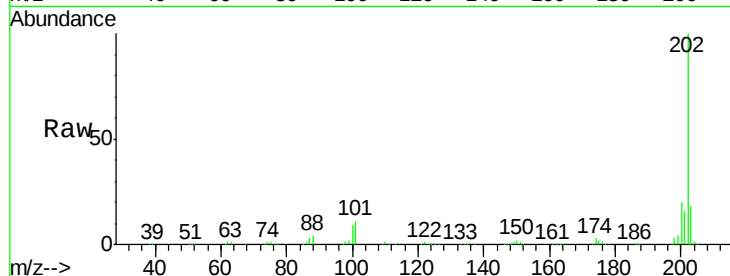




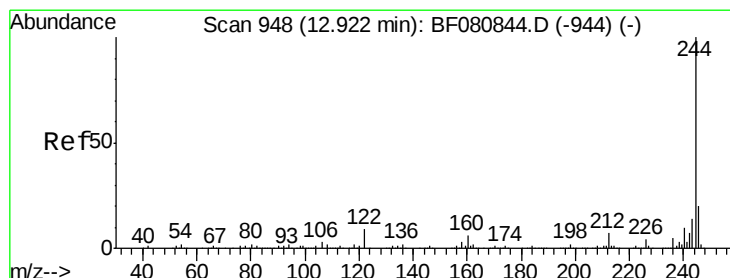
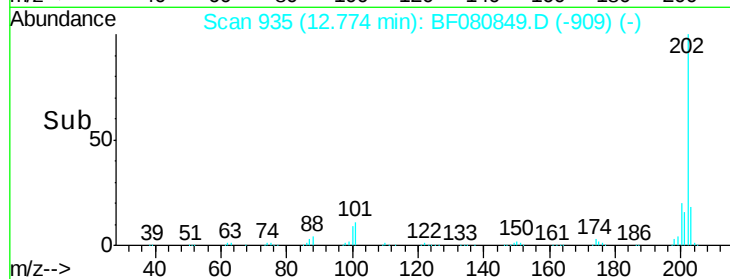
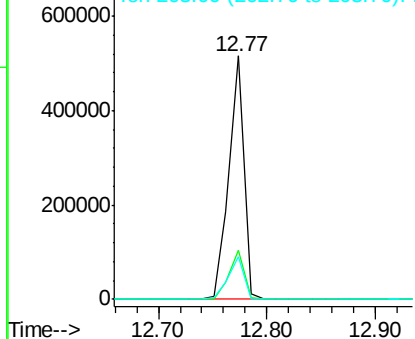
#77
 Pvrene
 Concen: 49.05 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.6	13.6	20.4

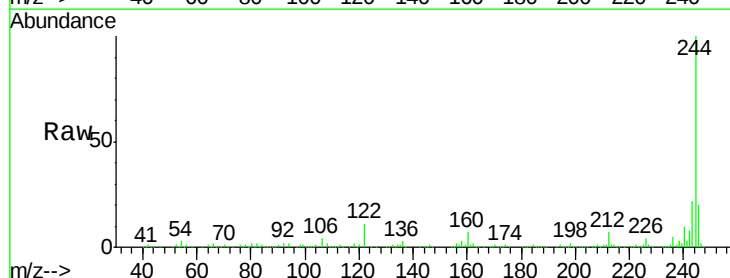


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

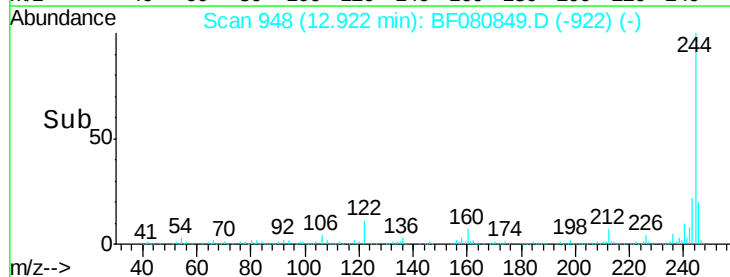
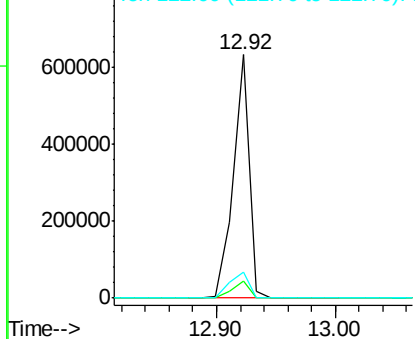


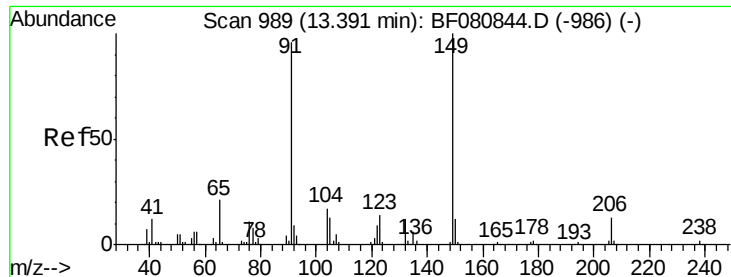
#78
 Terphenyl-d14
 Concen: 94.21 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.6	7.1	10.7



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

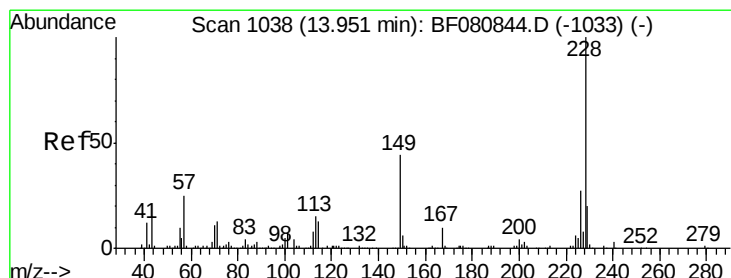
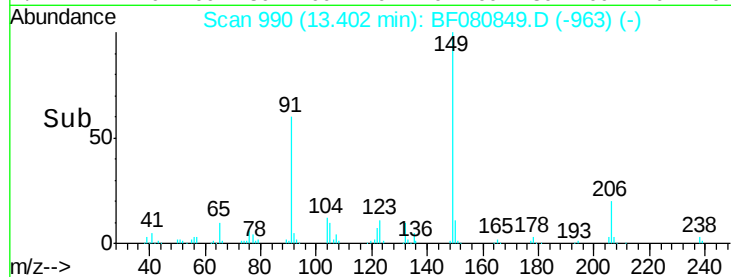
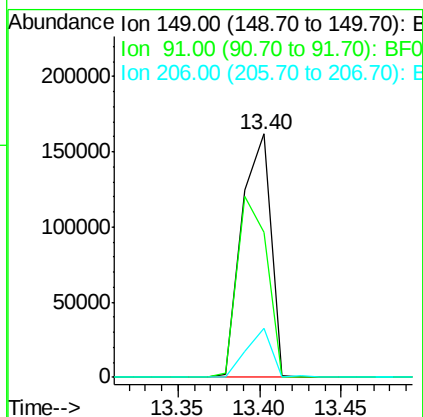
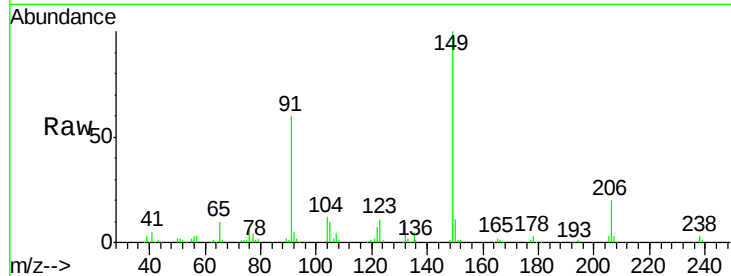




#79
Butylbenzylphthalate
Concen: 48.13 ng
RT: 13.40 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

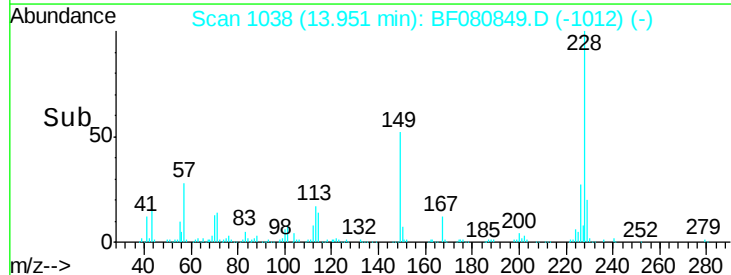
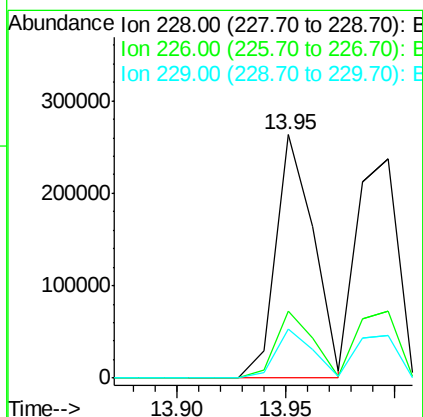
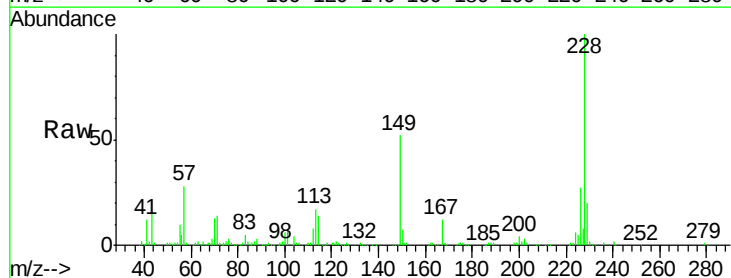
Instrument :
BNA_F
ClientSampleId :
PB84679BSD

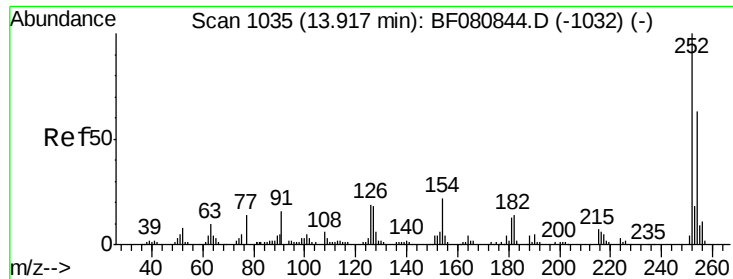
Tot Ion:149 Resp: 198815
Ion Ratio Lower Upper
149 100
91 59.8 76.4 114.6#
206 20.3 10.7 16.1#



#80
Benzo(a)anthracene
Concen: 42.28 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion:228 Resp: 318384
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 19.9 16.2 24.2

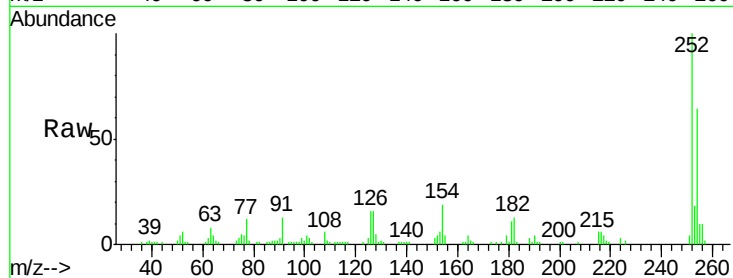




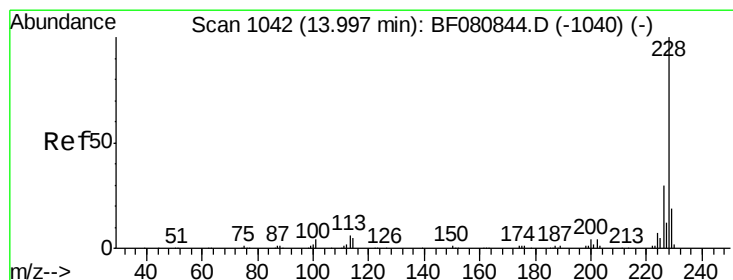
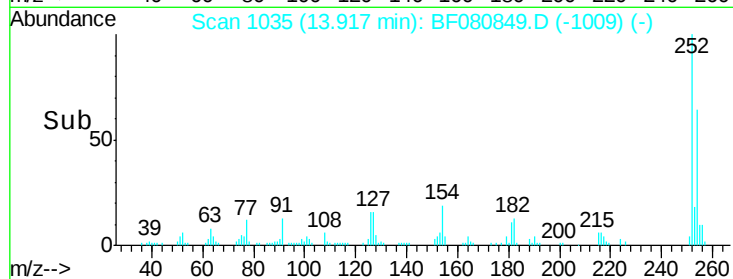
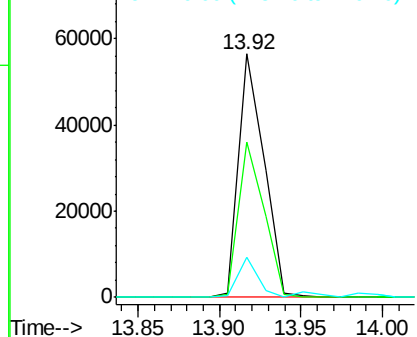
#81
 3,3'-Dichlorobenzidine
 Concen: 21.68 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion:252 Resp: 60653
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.3 75.5
 126 16.3 15.1 22.7

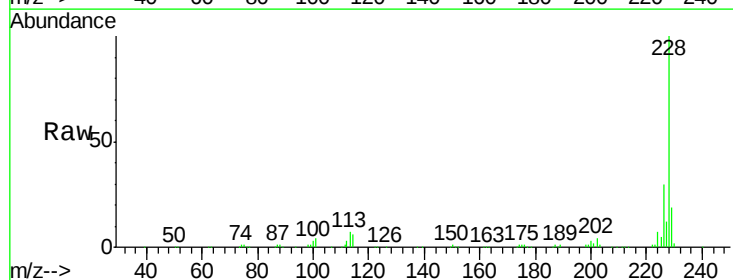


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

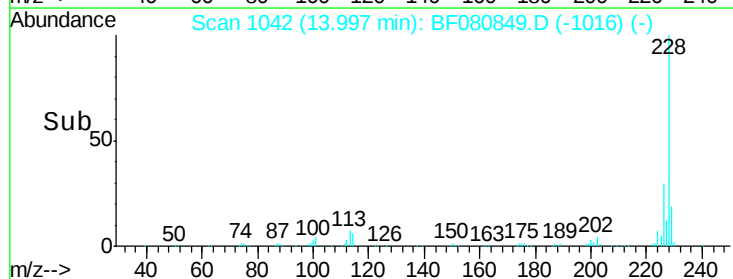
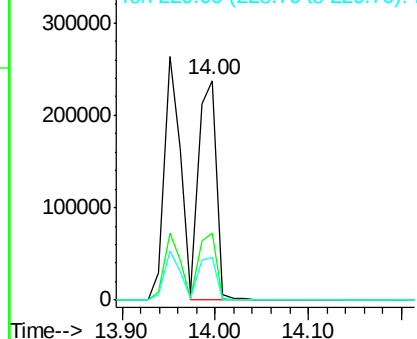


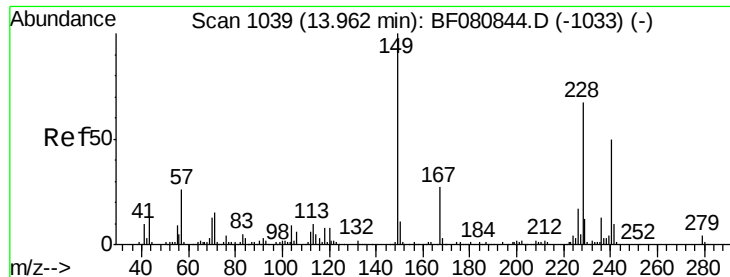
#82
 Chrysene
 Concen: 41.35 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion:228 Resp: 317318
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.6 35.4
 229 19.5 15.1 22.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

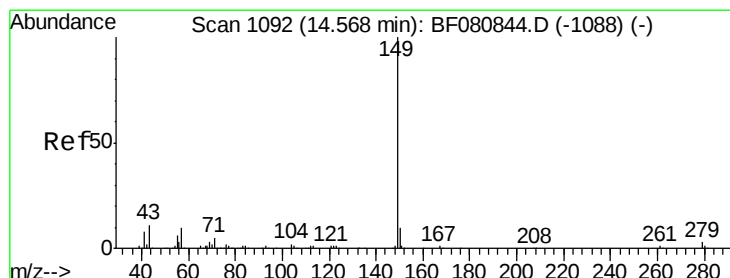
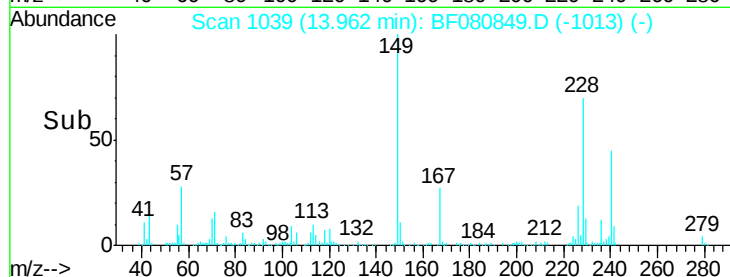
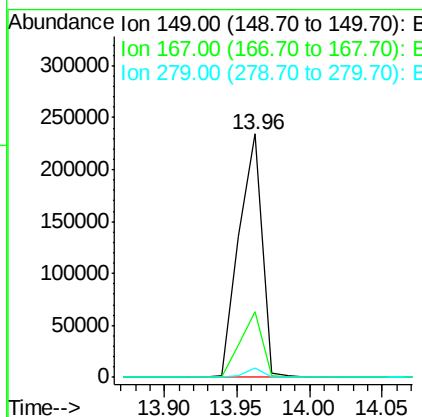
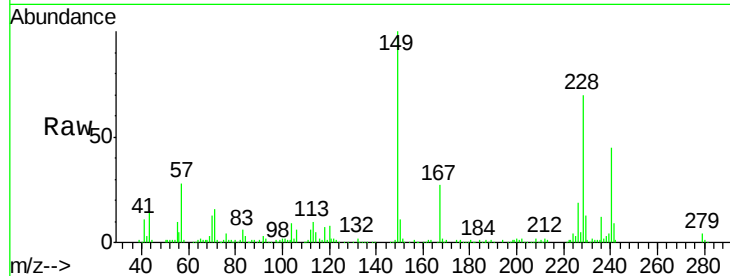




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.05 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

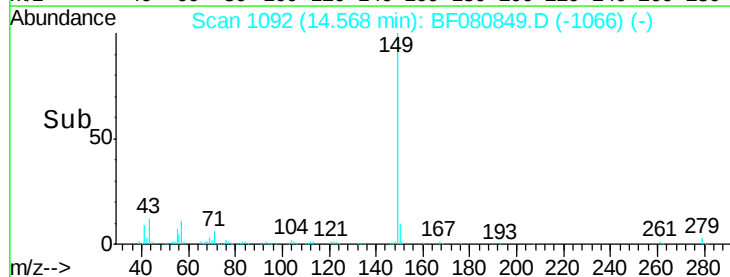
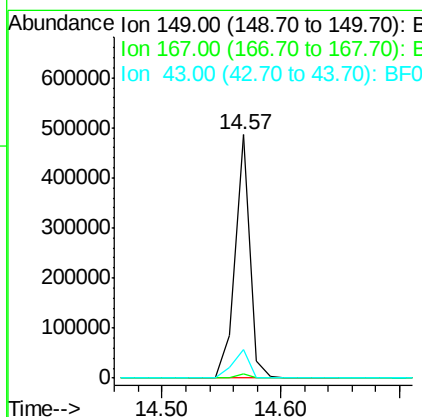
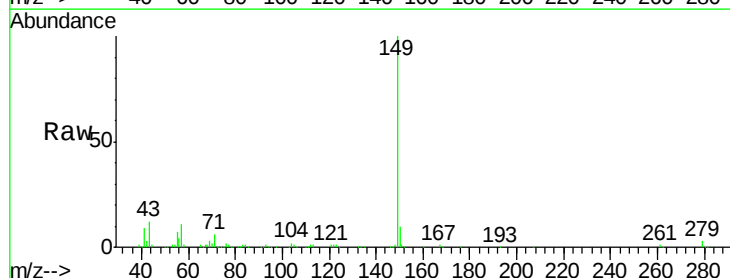
Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

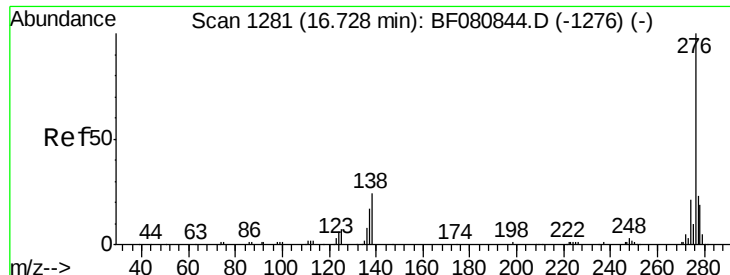
Tot Ion:149 Resp: 259511
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.8
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.12 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Tgt Ion:149 Resp: 418267
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.3 10.3 15.5

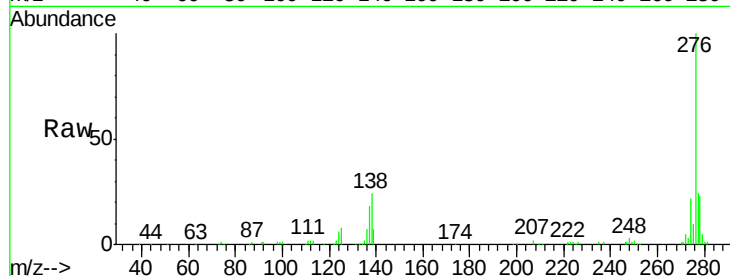




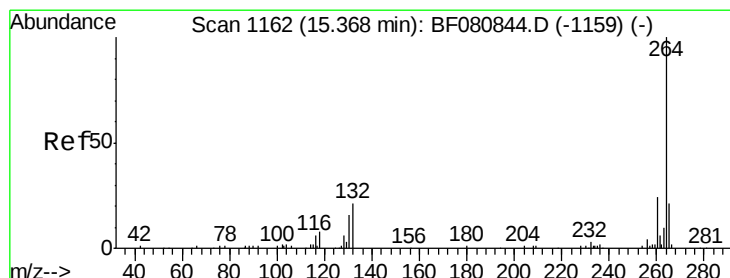
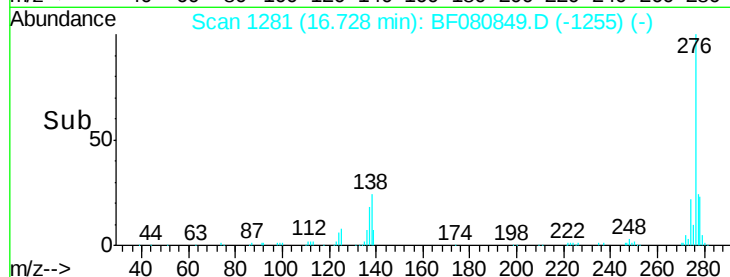
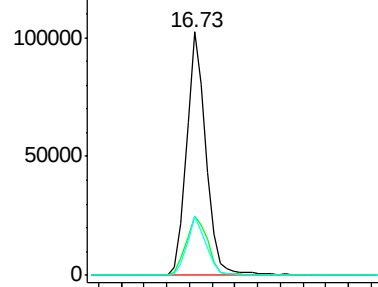
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.94 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Instrument :
BNA_F
ClientSampleId :
PB84679BSD

Tot Ion:276 Resp: 239074
Ion Ratio Lower Upper
276 100
138 27.2 21.6 32.4
277 23.7 19.6 29.4

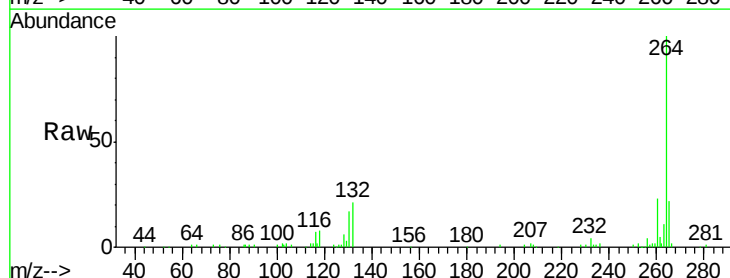


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

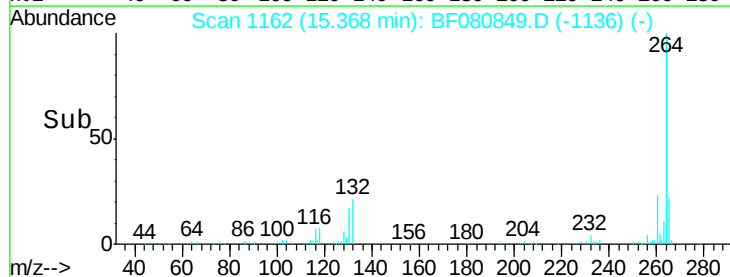
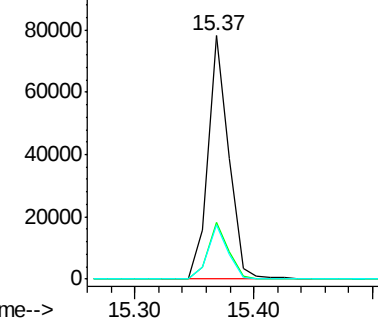


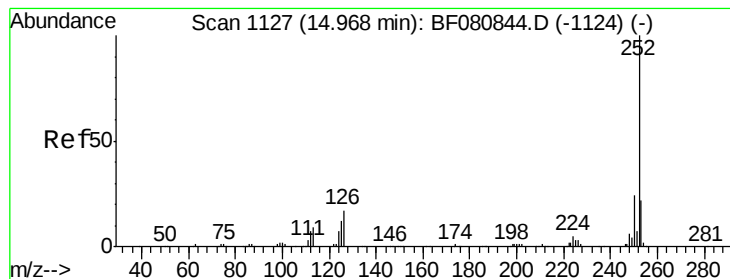
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF080849.D
Acq: 4 Aug 2015 20:49

Tgt Ion:264 Resp: 95123
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 22.0 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 75.68 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

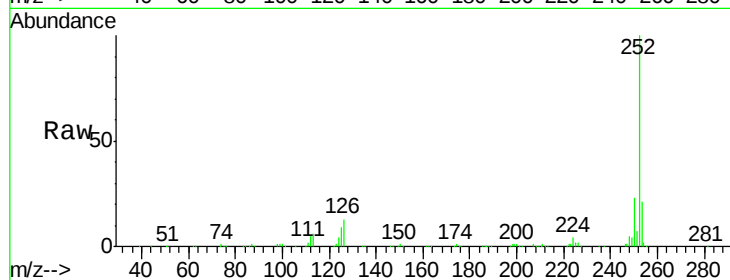
Tot Ion:252 Resp: 538483

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

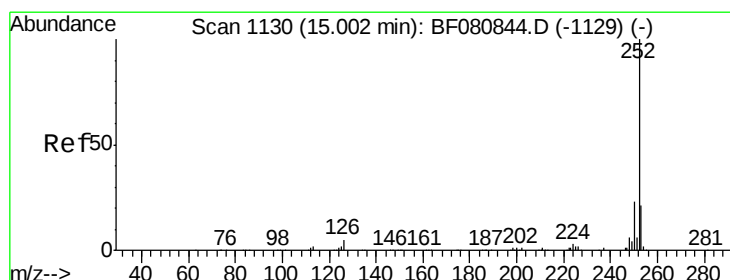
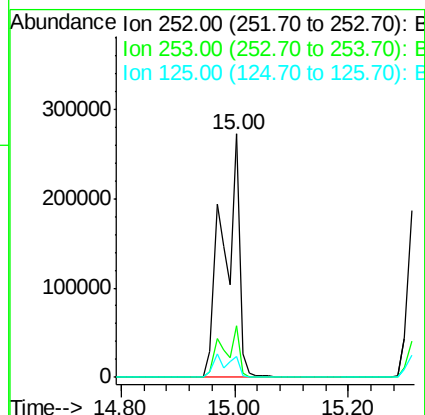
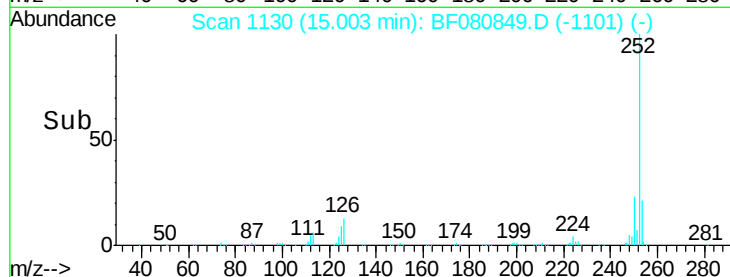
125 8.8 9.8 14.8#



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



#88

Benzo(k)fluoranthene

Concen: 98.32 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

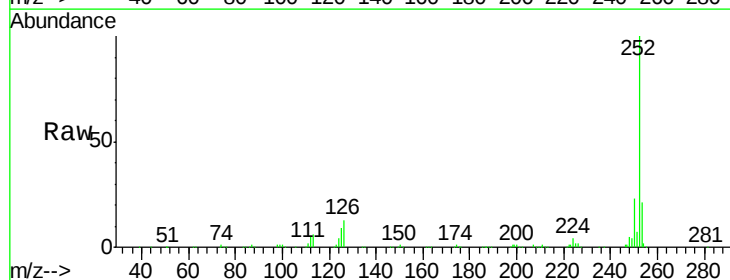
Tgt Ion:252 Resp: 538483

Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

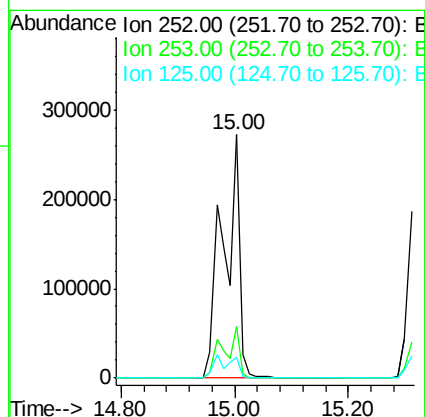
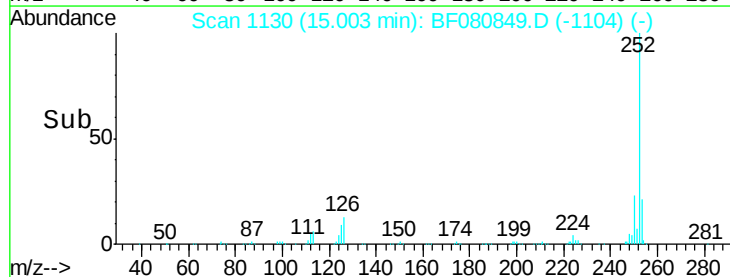
125 8.8 7.0 10.6

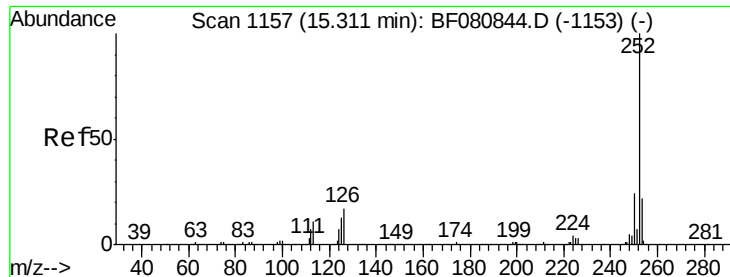


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.40 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

Instrument :

BNA_F

ClientSampleId :

PB84679BSD

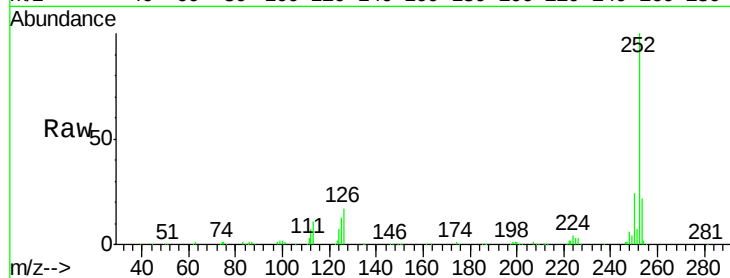
Tot Ion:252 Resp: 246261

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

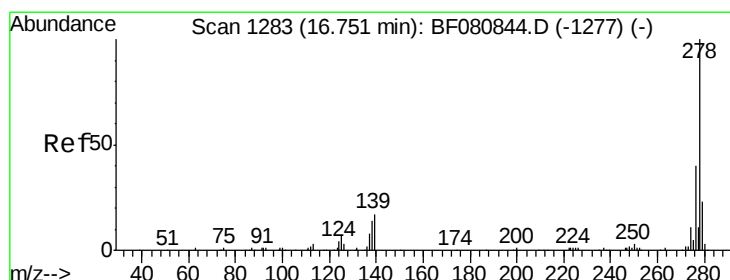
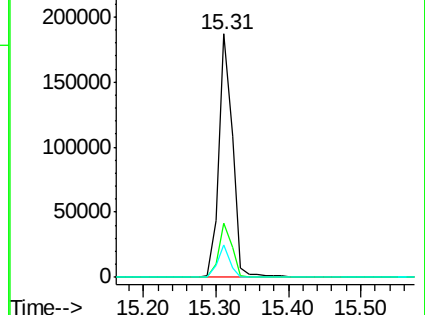
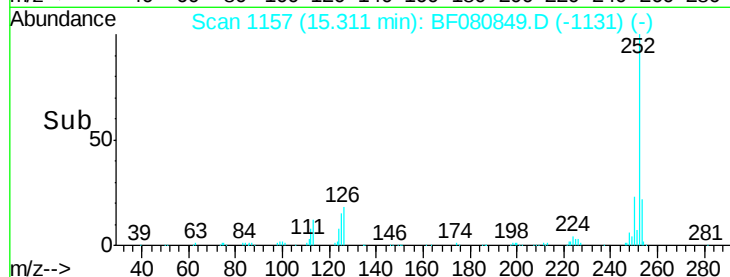
125 13.5 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.05 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF080849.D

Acq: 4 Aug 2015 20:49

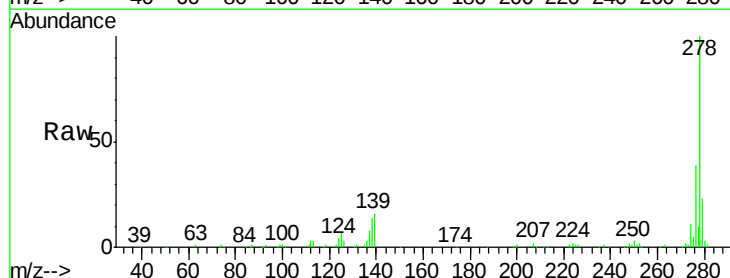
Tgt Ion:278 Resp: 202092

Ion Ratio Lower Upper

278 100

139 16.4 13.4 20.0

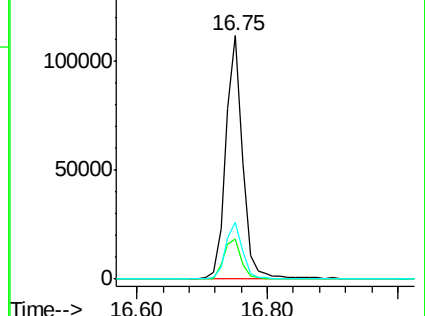
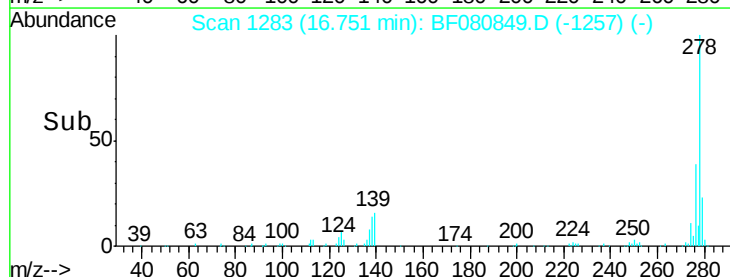
279 23.2 18.4 27.6

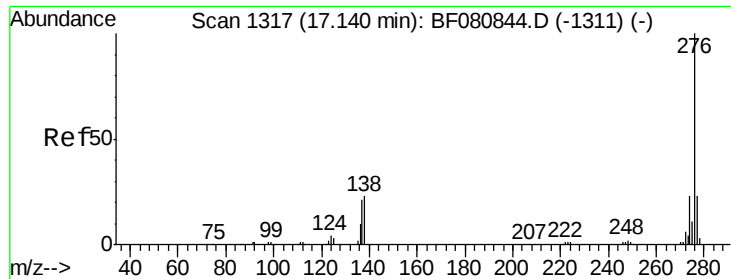


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

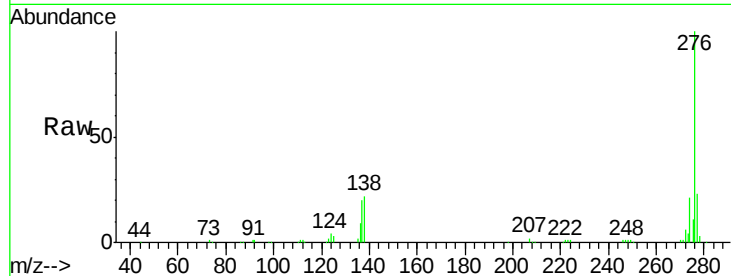




#91
 Benzo(a,h,i)perylene
 Concen: 40.25 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF080849.D
 Acq: 4 Aug 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84679BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	27.8
138	22.2	18.8	28.2



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

