

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082424.D
 Acq On : 22 Oct 2015 1:15
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 22 09:36:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	168794	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	655301	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	322548	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	614319	20.00	ng	0.00
75) Chrysene-d12	13.97	240	540041	20.00	ng	-0.05
86) Perylene-d12	15.43	264	411145	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	685032	81.91	ng	0.00
7) Phenol-d6	6.42	99	836098	76.82	ng	0.00
23) Nitrobenzene-d5	7.35	82	742220	76.06	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	216182	71.47	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1356295	69.73	ng	0.00
78) Terphenyl-d14	12.89	244	1432140	70.27	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	152707	36.34	ng	99
3) Pyridine	2.99	79	399940	40.92	ng	98
4) n-Nitrosodimethylamine	2.97	42	167823	40.49	ng	98
6) Aniline	6.45	93	560007	39.91	ng	98
8) 2-Chlorophenol	6.56	128	396432	38.83	ng	96
9) Benzaldehyde	6.32	77	228703	41.15	ng	100
10) Phenol	6.43	94	472148	37.63	ng	75
11) bis(2-Chloroethyl)ether	6.51	93	367942	34.67	ng	93
12) 1,3-Dichlorobenzene	6.71	146	454045	38.19	ng	99
13) 1,4-Dichlorobenzene	6.79	146	469327	37.80	ng	99
14) 1,2-Dichlorobenzene	6.79	146	472340	40.06	ng	95
15) Benzyl Alcohol	6.93	79	283285	37.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	520753	35.24	ng	93
17) 2-Methylphenol	7.04	107	299758	37.13	ng	98
18) Hexachloroethane	7.28	117	164700	38.75	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	259920	34.01	ng	# 91
20) 3+4-Methylphenols	7.20	107	339147	35.25	ng	95
22) Acetophenone	7.20	105	530468	40.92	ng	93
24) Nitrobenzene	7.37	77	436118	41.29	ng	93
25) Isophorone	7.61	82	769392	39.07	ng	97
26) 2-Nitrophenol	7.68	139	208025	39.44	ng	# 83
27) 2,4-Dimethylphenol	7.73	122	324964	38.24	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	435826	38.03	ng	98
29) 2,4-Dichlorophenol	7.93	162	353379	41.60	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	372736	38.07	ng	97
31) Naphthalene	8.08	128	1049318	36.94	ng	100
32) Benzoic acid	7.89	122	168148	29.49	ng	97
33) 4-Chloroaniline	8.15	127	465133	39.43	ng	# 92
34) Hexachlorobutadiene	8.19	225	220263	36.11	ng	97
35) Caprolactam	8.55	113	103963	42.17	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	331624	39.92	ng	97
37) 2-Methylnaphthalene	8.78	142	767488	38.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	369768	38.54	ng	98
40) Hexachlorocyclopentadiene	8.93	237	135786	33.37	ng	98

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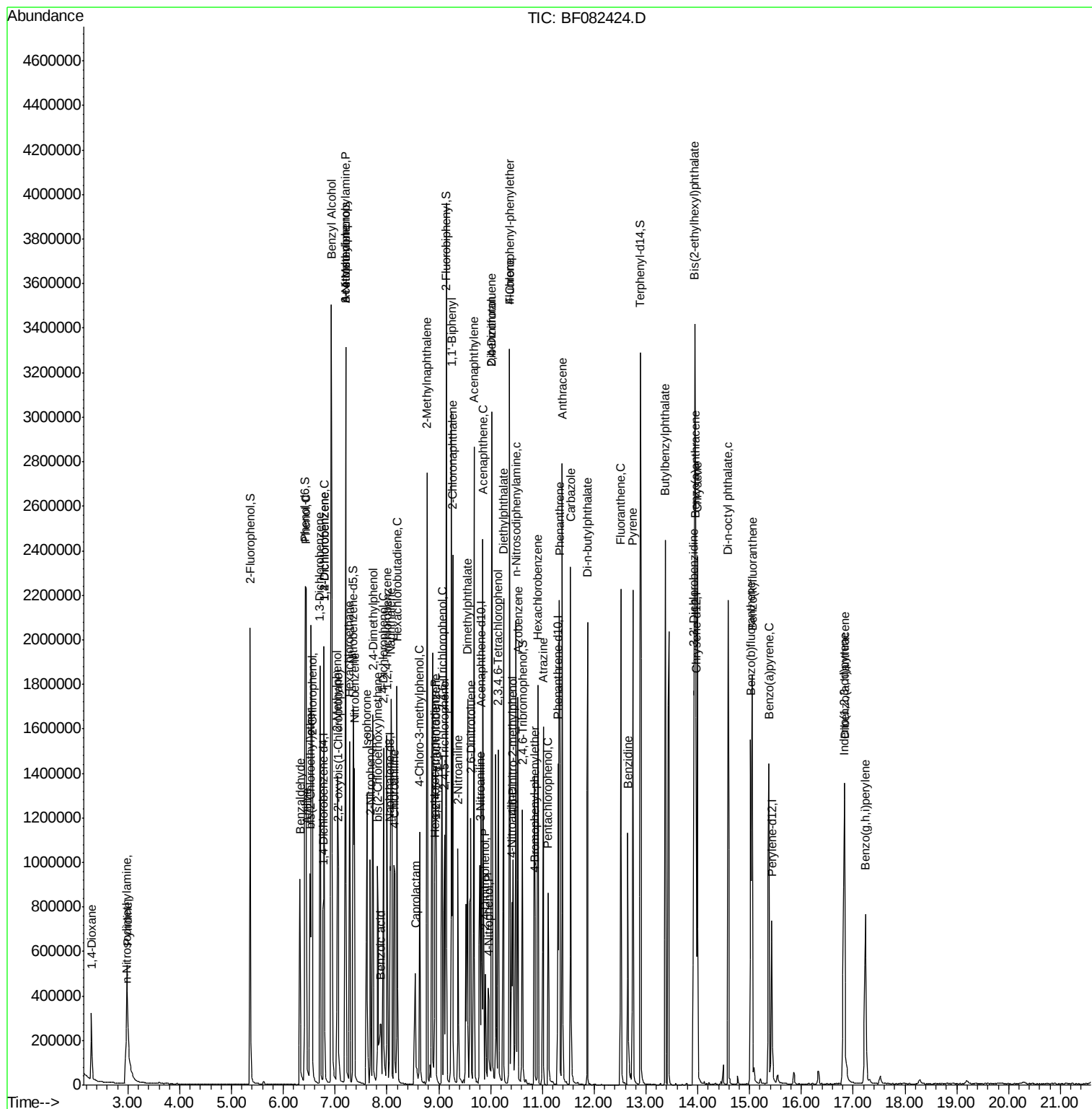
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	253012	39.71	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	263350	38.15	nq	97
45) 1,1'-Biphenyl	9.25	154	960093	39.03	nq	96
46) 2-Chloronaphthalene	9.27	162	732930	37.85	nq	94
47) 2-Nitroaniline	9.37	65	211217	39.73	nq	90
48) Acenaphthylene	9.68	152	1049475	34.79	nq	99
49) Dimethylphthalate	9.55	163	836956	36.85	nq	100
50) 2,6-Dinitrotoluene	9.62	165	210593	43.94	nq	92
51) Acenaphthene	9.85	154	619392	34.21	nq	100
52) 3-Nitroaniline	9.79	138	231569	42.78	nq	99
53) 2,4-Dinitrophenol	9.90	184	80671	34.11	nq	99
54) Dibenzofuran	10.02	168	885506	35.62	nq	97
55) 4-Nitrophenol	9.97	139	113960	38.30	nq	89
56) 2,4-Dinitrotoluene	10.02	165	236538	39.49	nq	# 86
57) Fluorene	10.37	166	702959	34.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	214981	38.12	nq	99
59) Diethylphthalate	10.25	149	899547	42.49	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	378265	40.44	nq	# 81
61) 4-Nitroaniline	10.41	138	215238	40.99	nq	96
62) Azobenzene	10.53	77	834400	40.27	nq	87
64) 4,6-Dinitro-2-methylphenol	10.43	198	139378	40.43	nq	80
65) n-Nitrosodiphenylamine	10.49	169	754125	41.00	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	231317	37.62	nq	# 81
67) Hexachlorobenzene	10.91	284	247172	37.17	nq	# 79
68) Atrazine	11.02	200	209804	36.01	nq	99
69) Pentachlorophenol	11.11	266	125727	36.75	nq	96
70) Phenanthrene	11.33	178	1152987	38.29	nq	99
71) Anthracene	11.38	178	1184126	38.16	nq	98
72) Carbazole	11.54	167	1064114	37.59	nq	98
73) Di-n-butylphthalate	11.87	149	1421285	40.70	nq	99
74) Fluoranthene	12.51	202	1180067	36.49	nq	95
76) Benzidine	12.65	184	607589	38.82	nq	99
77) Pyrene	12.74	202	1243012	38.78	nq	99
79) Butylbenzylphthalate	13.37	149	588868	40.26	nq	99
80) Benzo(a)anthracene	13.96	228	1000006	35.59	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	393551	36.90	nq	99
82) Chrysene	13.99	228	960136	32.43	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	805922	38.62	nq	99
84) Di-n-octyl phthalate	14.58	149	1295535	36.15	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	835074	35.49	nq	98
87) Benzo(b)fluoranthene	15.02	252	850351m	34.00	nq	
88) Benzo(k)fluoranthene	15.05	252	939091m	44.67	nq	
89) Benzo(a)pyrene	15.37	252	814966	37.91	nq	98
90) Dibenzo(a,h)anthracene	16.84	278	690460	39.19	nq	99
91) Benzo(g,h,i)perylene	17.24	276	682724	39.89	nq	98

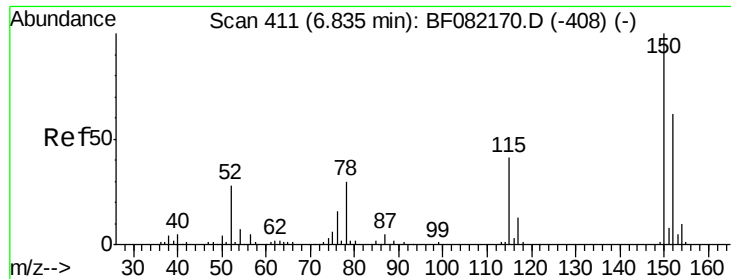
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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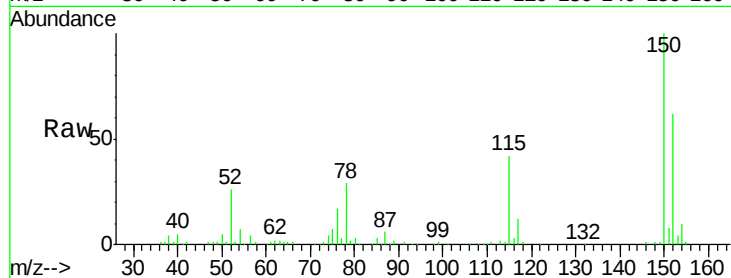


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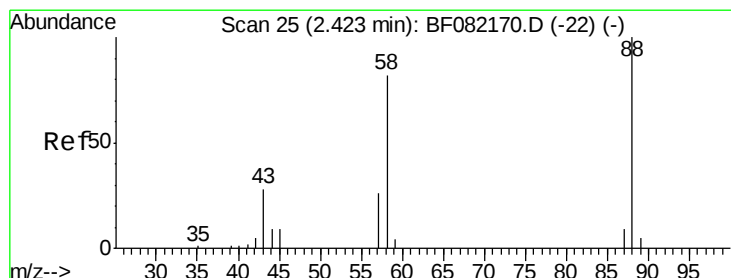
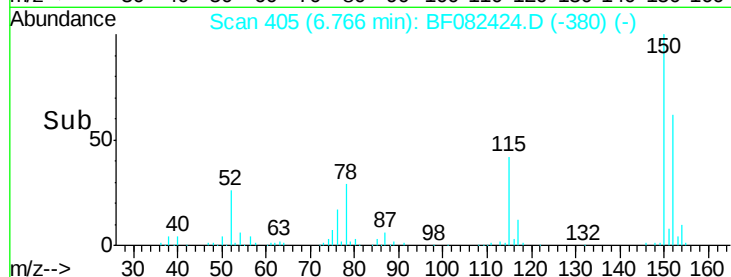
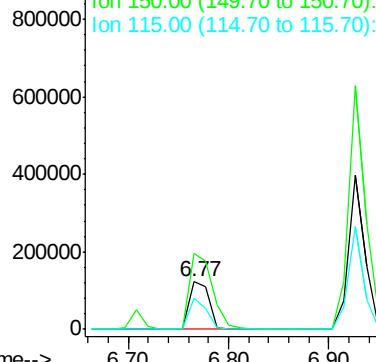
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 168794
Ion Ratio Lower Upper
152 100
150 160.2 129.0 193.4
115 66.5 52.1 78.1



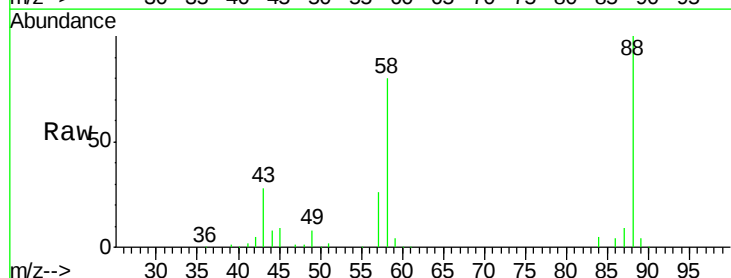
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



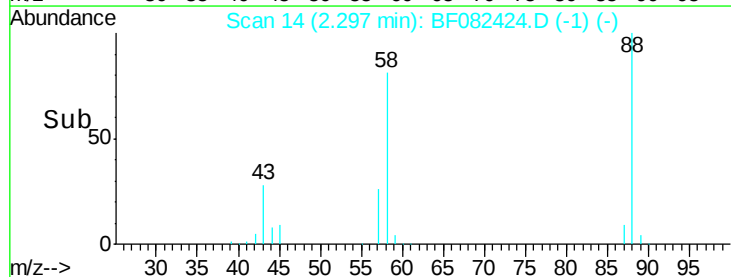
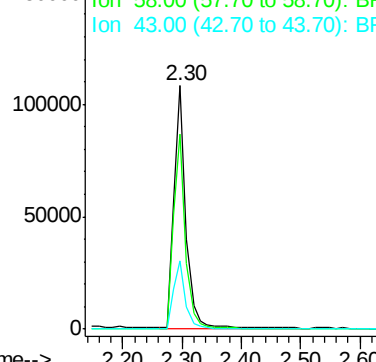
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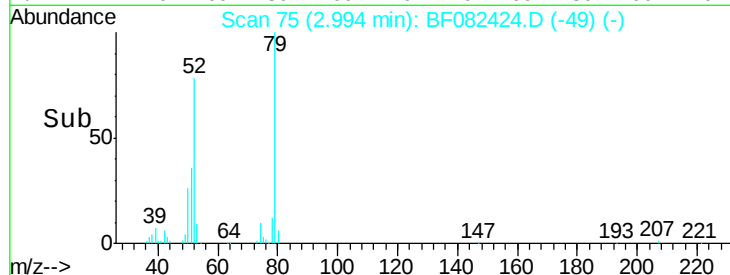
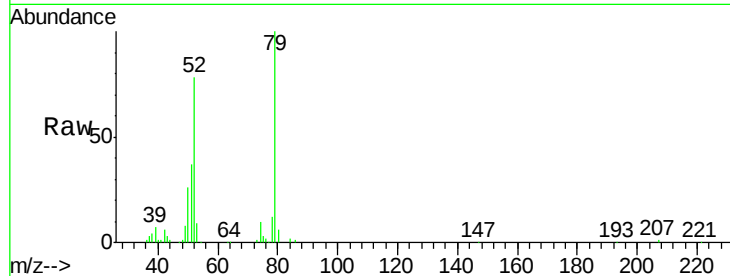
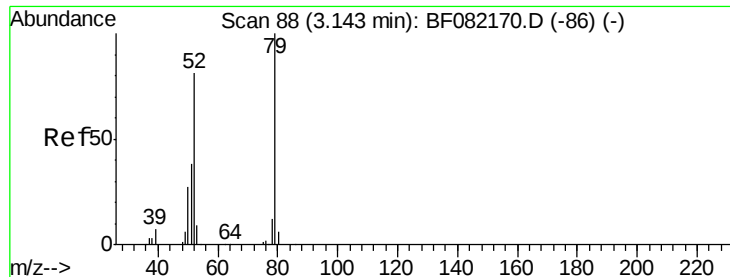
1,4-Dioxane
Concen: 36.34 ng
RT: 2.30 min Scan# 14
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion: 88 Resp: 152707
Ion Ratio Lower Upper
88 100
58 81.4 66.2 99.4
43 28.8 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

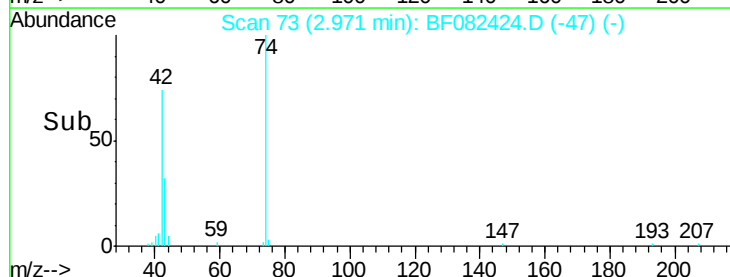
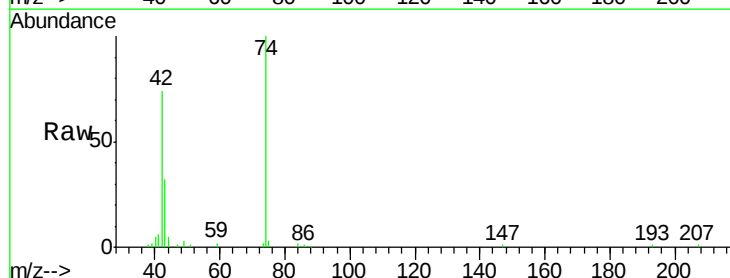
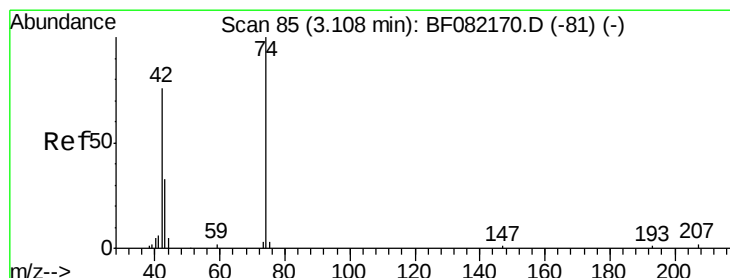
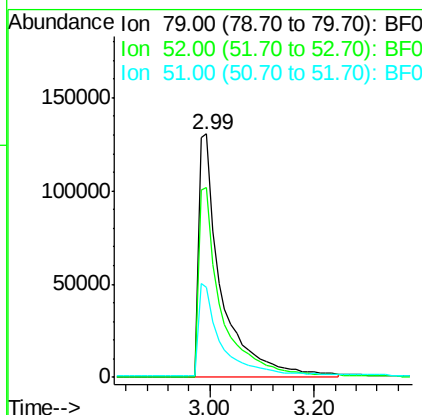




#3
 Pvridine
 Concen: 40.92 ng
 RT: 2.99 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

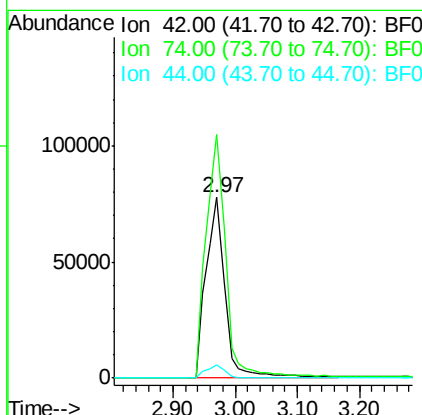
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

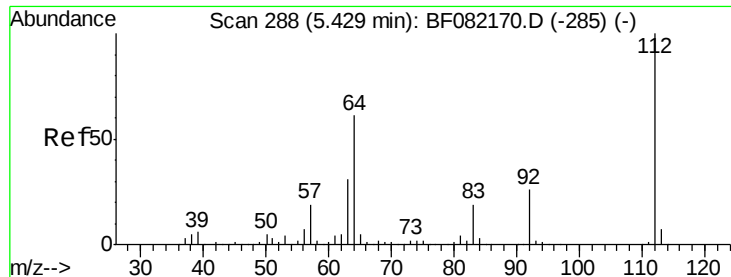
Tot Ion: 79 Resp: 399940
 Ion Ratio Lower Upper
 79 100
 52 78.2 64.4 96.6
 51 37.0 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 40.49 ng
 RT: 2.97 min Scan# 73
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion: 42 Resp: 167823
 Ion Ratio Lower Upper
 42 100
 74 134.8 105.7 158.5
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 81.91 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

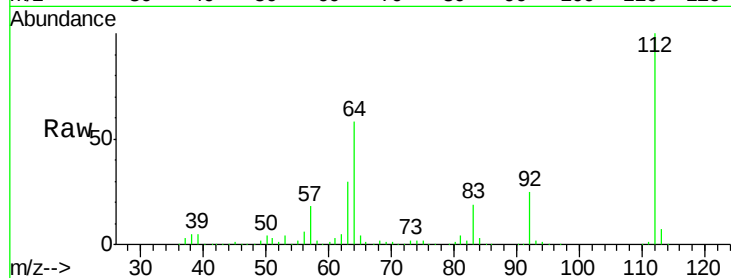
Tot Ion:112 Resp: 685032

Ion Ratio Lower Upper

112 100

64 57.8 48.6 73.0

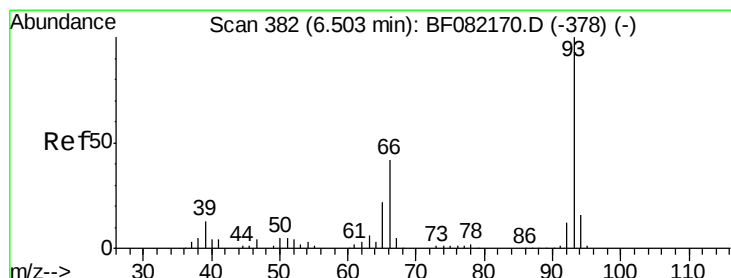
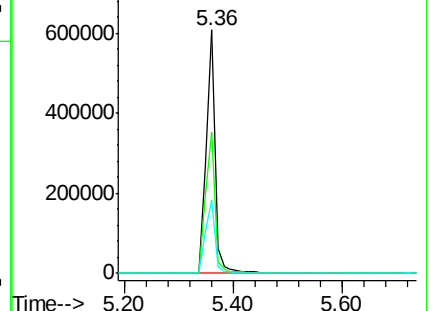
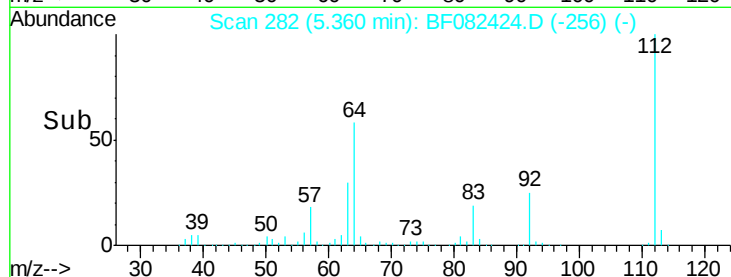
63 30.3 25.1 37.7



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: 39.91 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

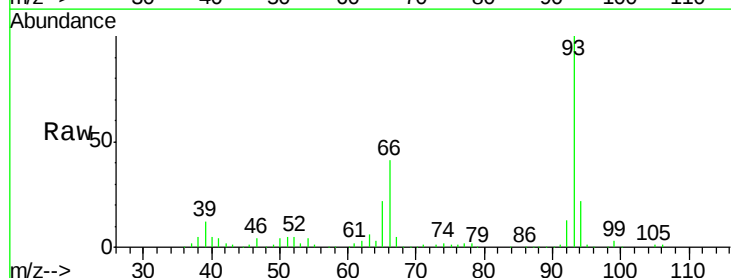
Tgt Ion: 93 Resp: 560007

Ion Ratio Lower Upper

93 100

66 41.4 34.2 51.2

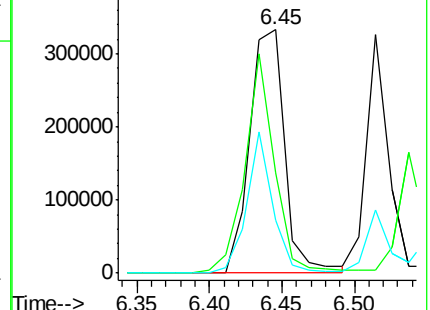
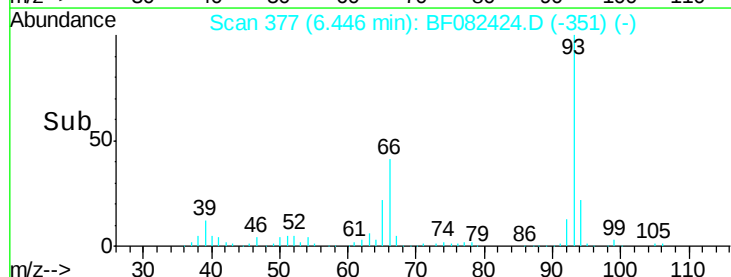
65 22.0 17.9 26.9



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: 76.82 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

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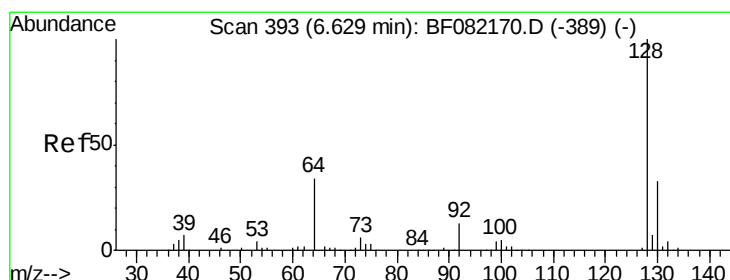
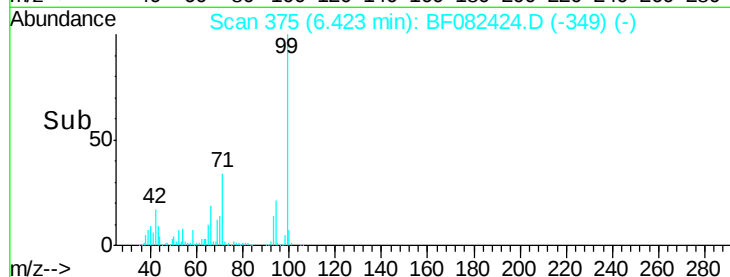
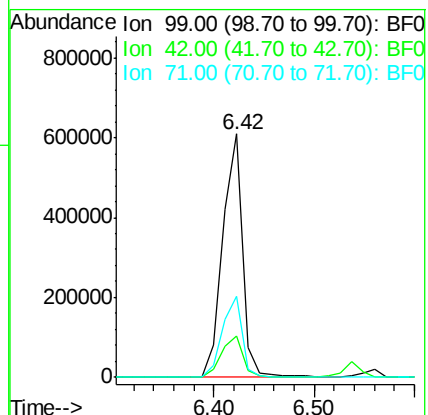
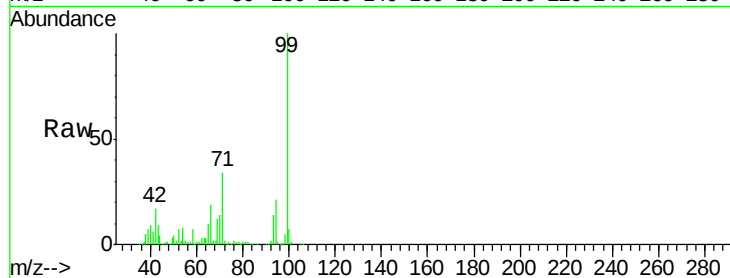
Tot Ion: 99 Resp: 836098

Ion Ratio Lower Upper

99 100

42 17.2 13.2 19.8

71 33.5 25.6 38.4



#8

2-Chlorophenol

Concen: 38.83 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

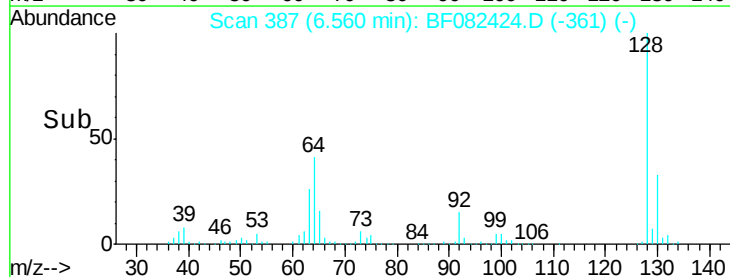
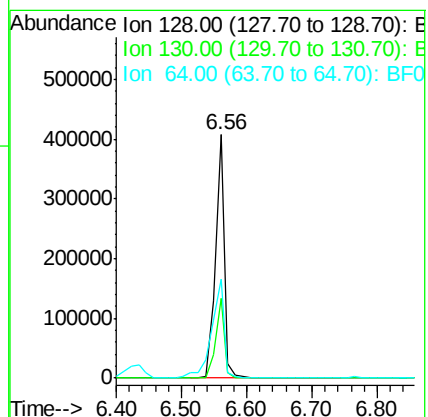
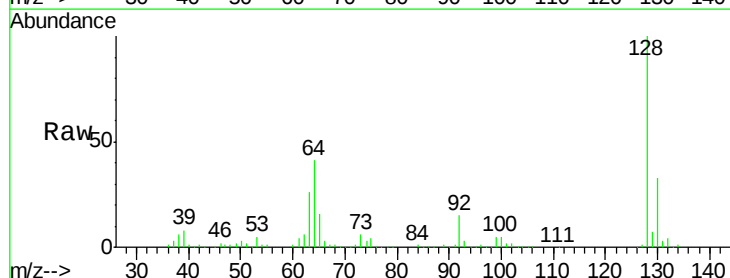
Tgt Ion: 128 Resp: 396432

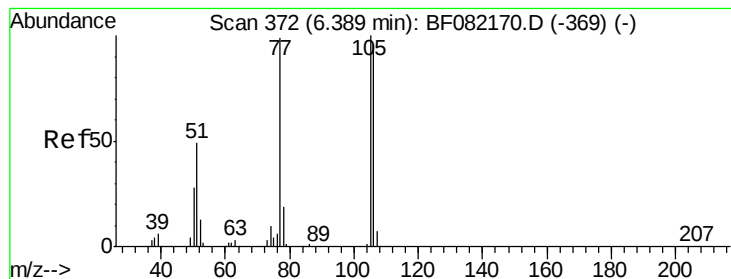
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 40.7 16.7 56.7





#9

Benzaldehyde

Concen: 41.15 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

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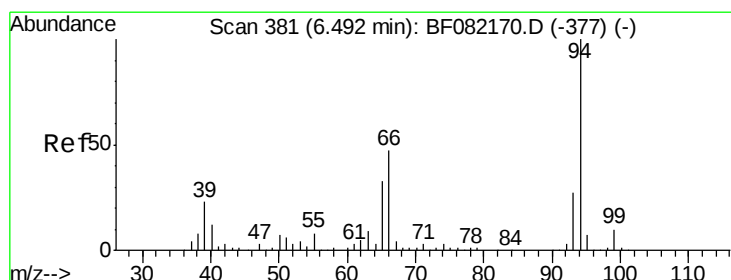
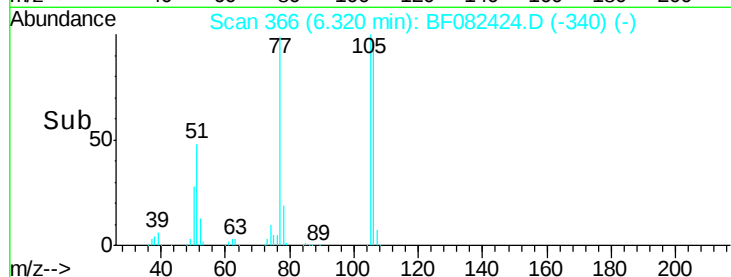
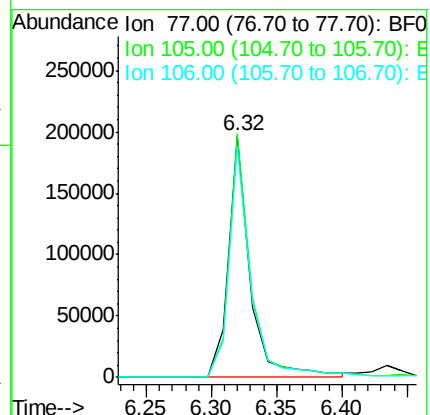
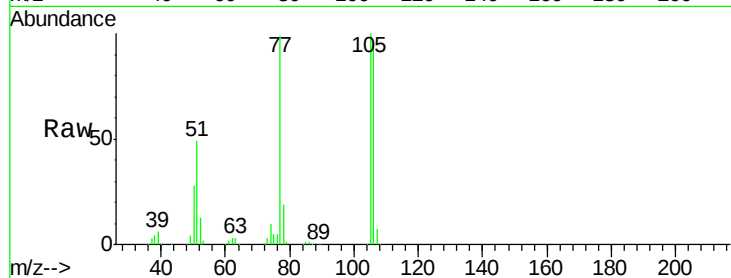
Tot Ion: 77 Resp: 228703

Ion Ratio Lower Upper

77 100

105 100.7 80.6 120.6

106 95.6 75.5 115.5



#10

Phenol

Concen: 37.63 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

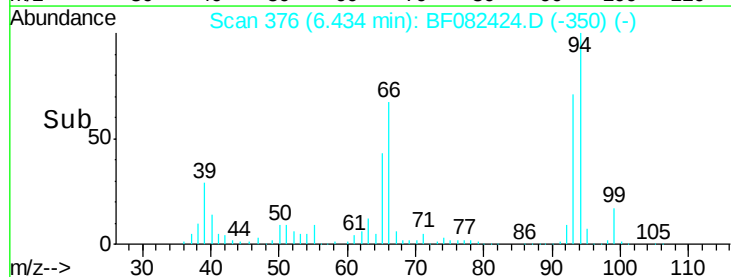
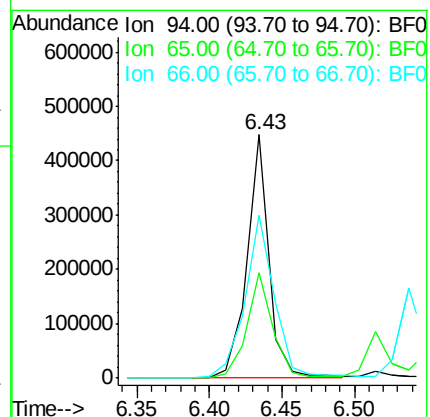
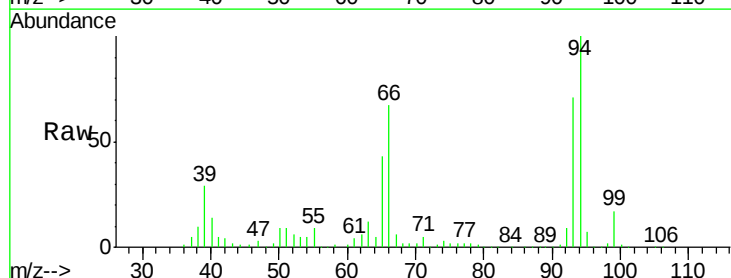
Tgt Ion: 94 Resp: 472148

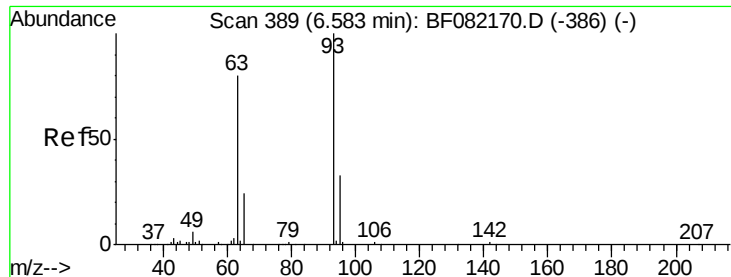
Ion Ratio Lower Upper

94 100

65 43.1 12.6 52.6

66 67.0 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

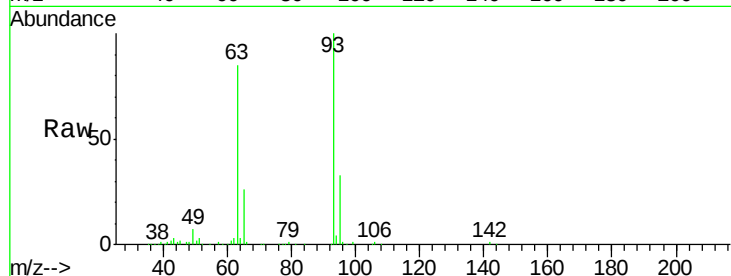
Tot Ion: 93 Resp: 367942

Ion Ratio Lower Upper

93 100

63 85.0 57.1 97.1

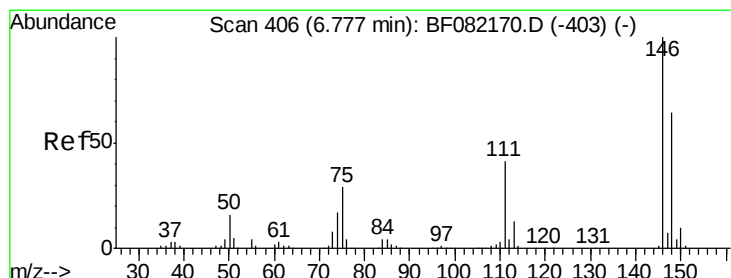
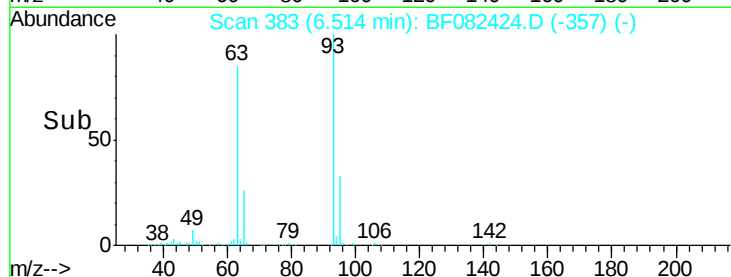
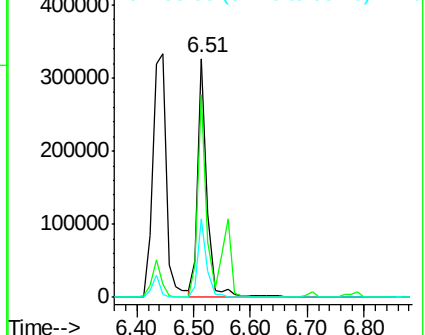
95 32.9 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.19 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

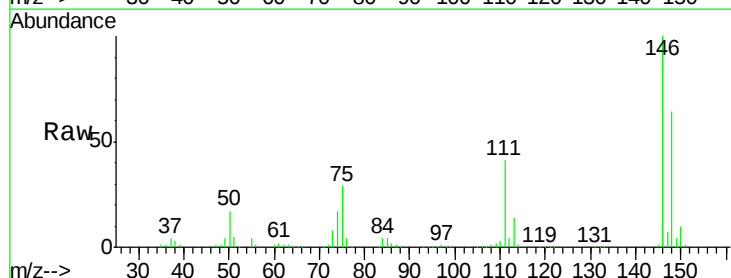
Tgt Ion: 146 Resp: 454045

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

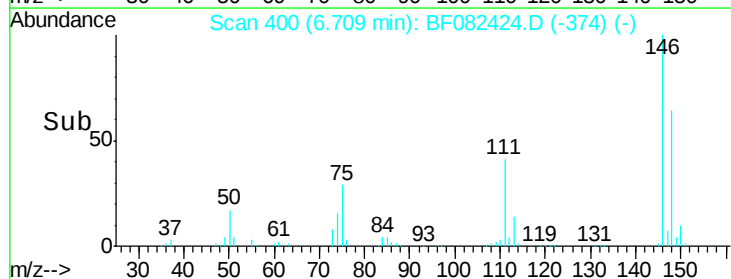
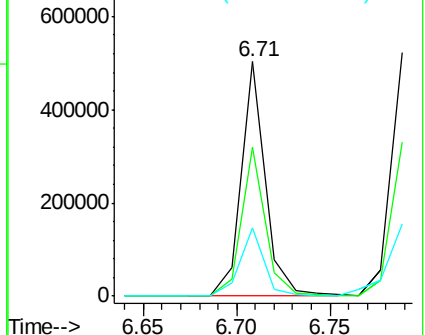
75 28.9 23.0 34.6

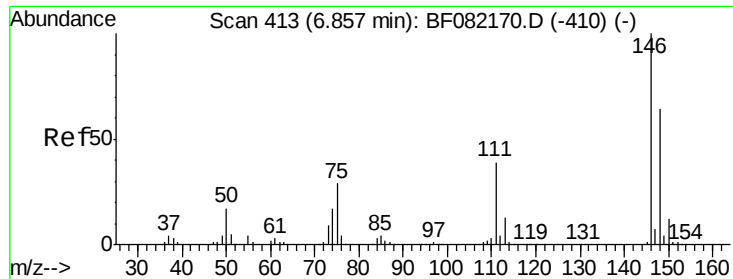


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

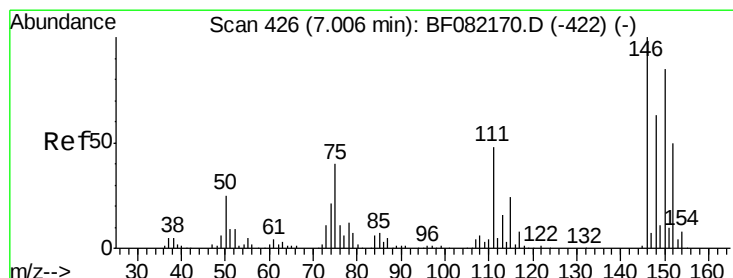
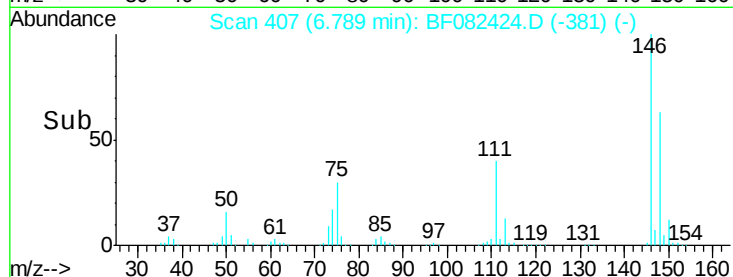
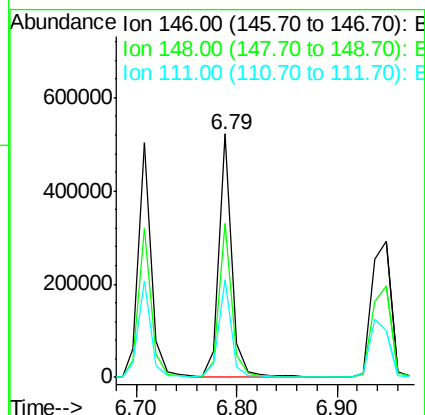
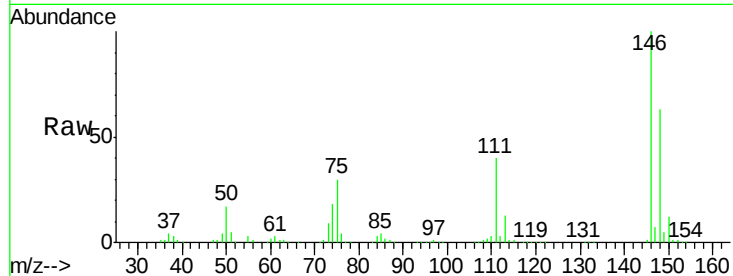




#13
 1,4-Dichlorobenzene
 Concen: 37.80 ng
 RT: 6.79 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

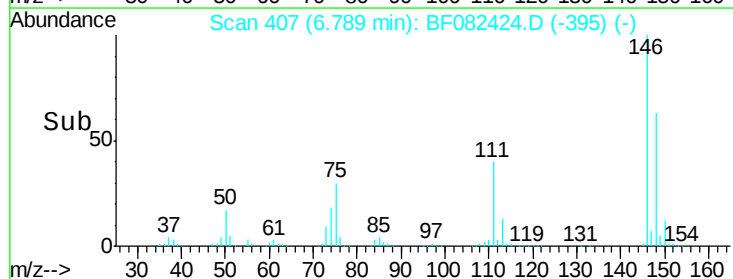
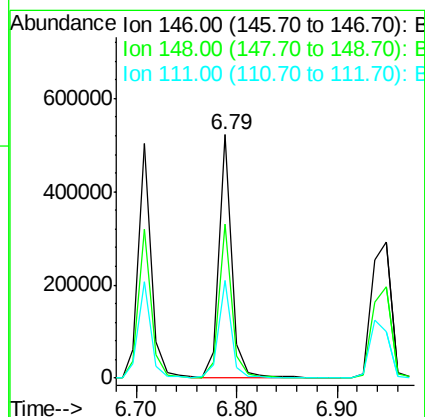
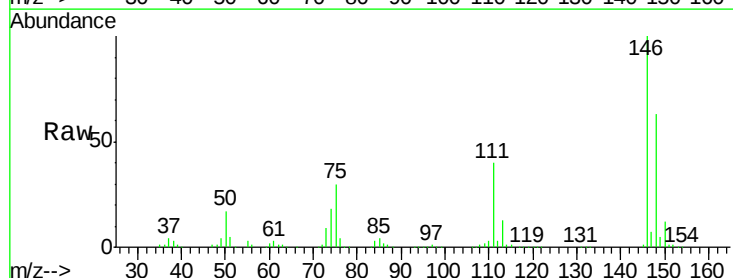
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

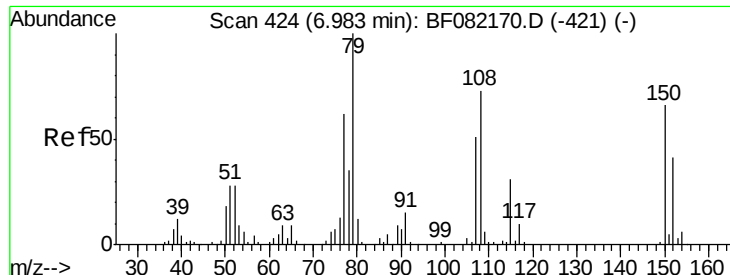
Tot Ion:146 Resp: 469327
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.4
 111 40.1 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 40.06 ng
 RT: 6.79 min Scan# 407
 Delta R.T. -0.16 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:146 Resp: 472340
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 40.1 38.5 57.7





#15

Benzyl Alcohol

Concen: 37.70 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

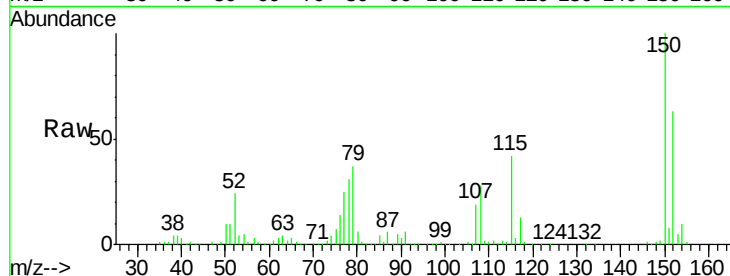
Tot Ion: 79 Resp: 283285

Ion Ratio Lower Upper

79 100

108 75.3 58.4 87.6

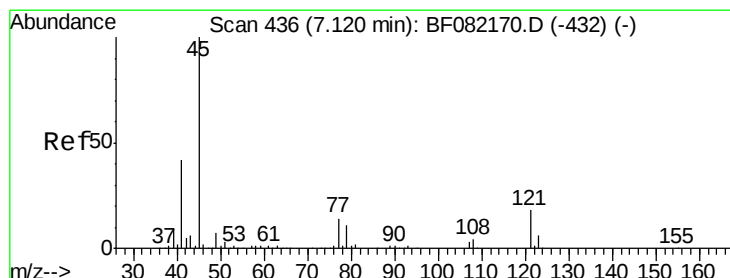
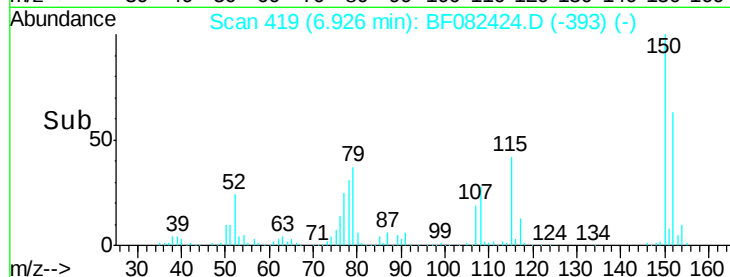
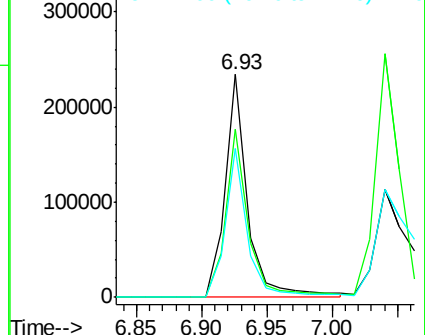
77 67.0 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.24 ng

RT: 7.06 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

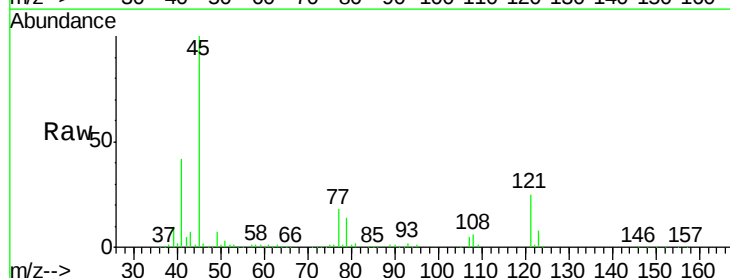
Tgt Ion: 45 Resp: 520753

Ion Ratio Lower Upper

45 100

77 17.5 0.0 34.5

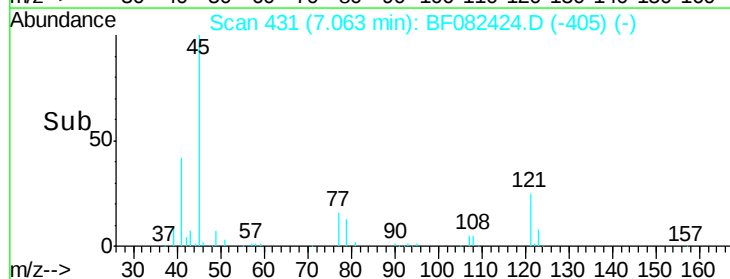
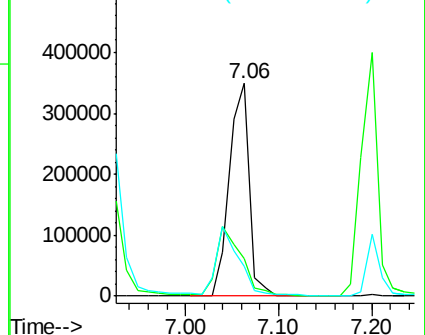
79 13.9 0.0 31.6

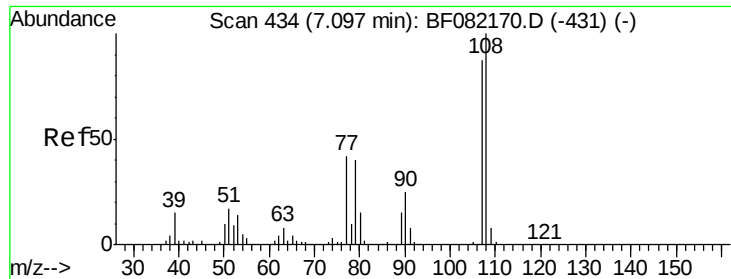


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

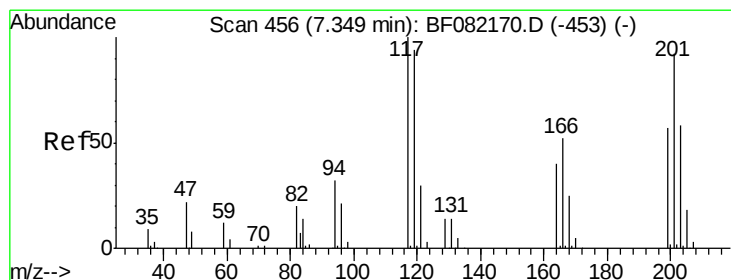
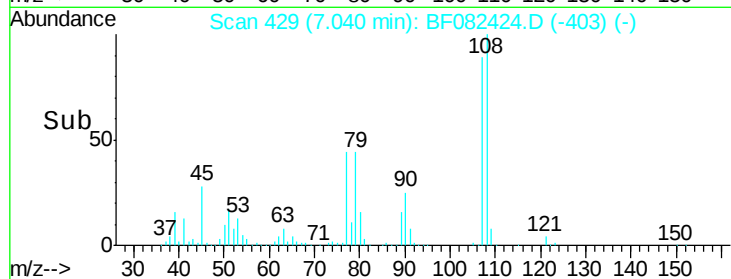
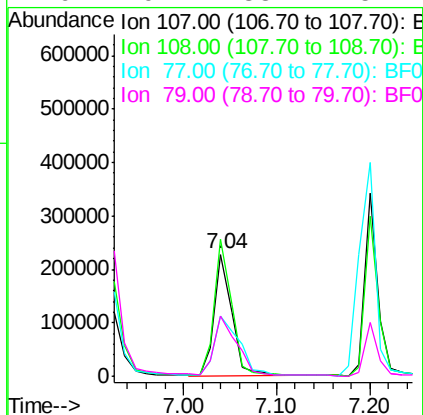
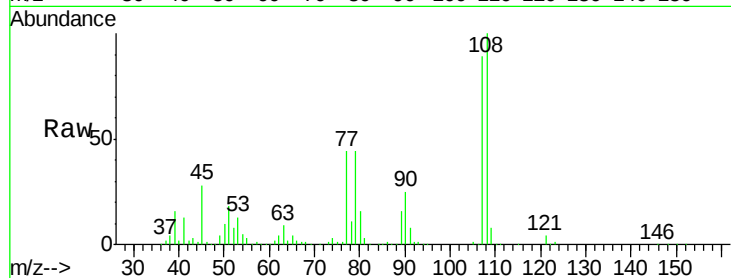




#17
2-Methylphenol
Concen: 37.13 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

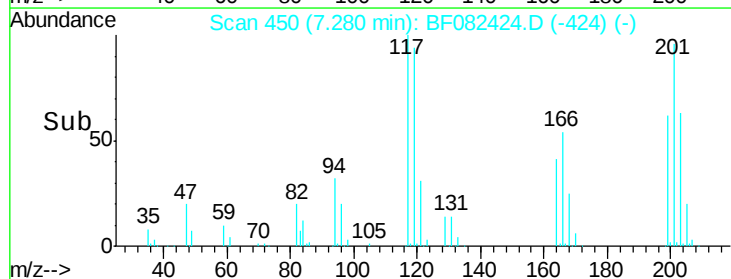
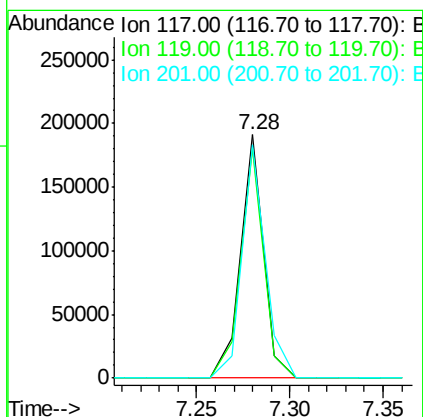
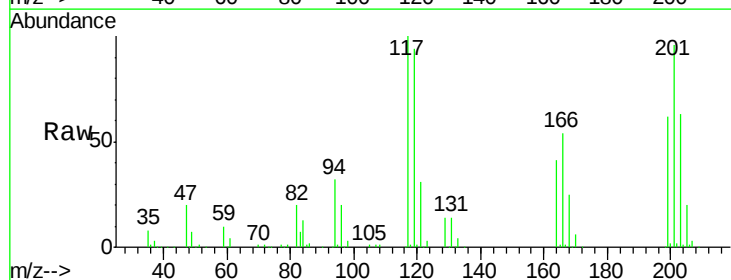
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

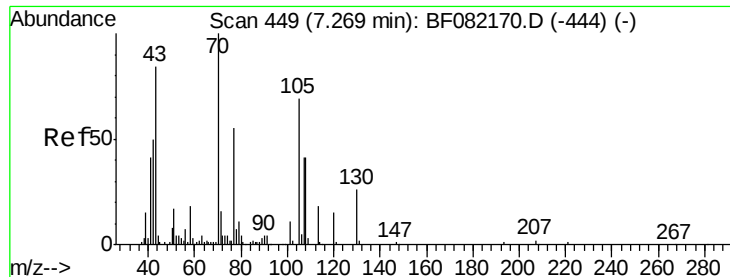
Tot Ion:	107	Resp:	299758
Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.2	138.2
77	49.9	39.6	59.4
79	49.7	38.2	57.4



#18
Hexachloroethane
Concen: 38.75 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:	117	Resp:	164700
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.4	113.2
201	96.0	73.4	110.0

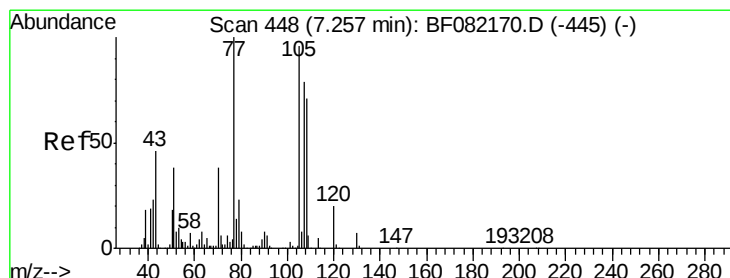
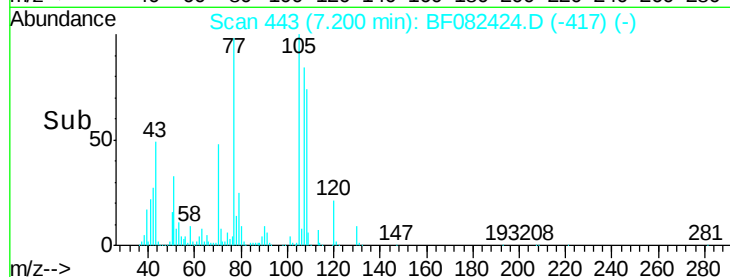
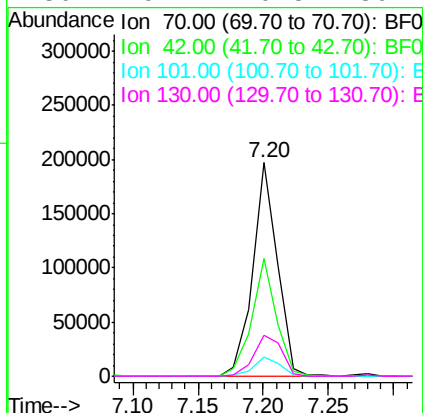
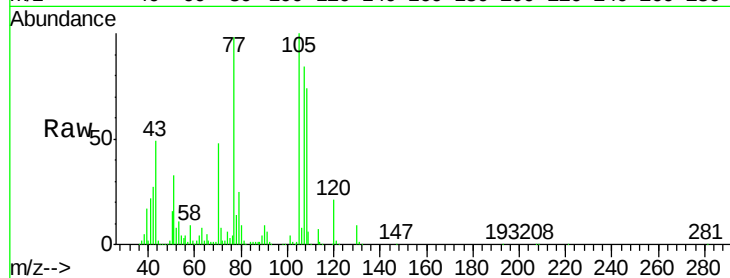




#19
n-Nitroso-di-n-propylamine
Concen: 34.01 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

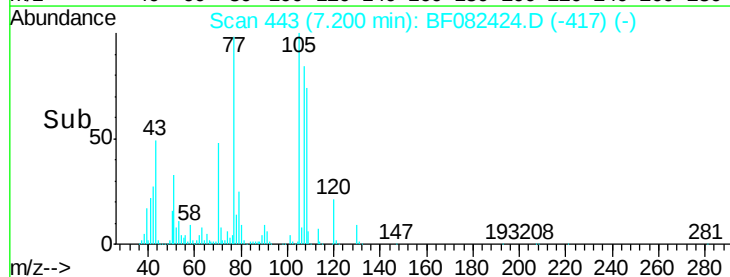
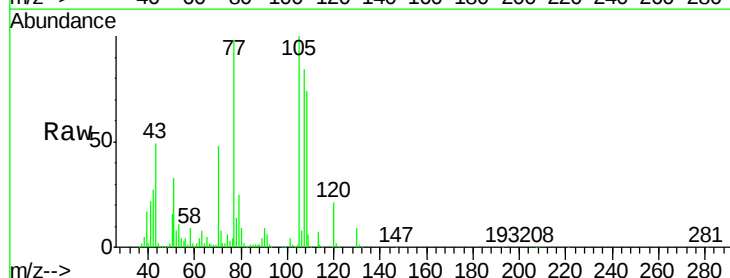
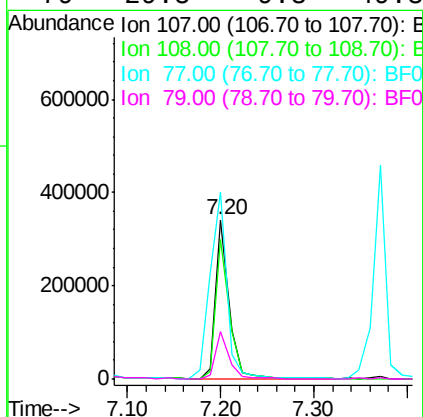
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

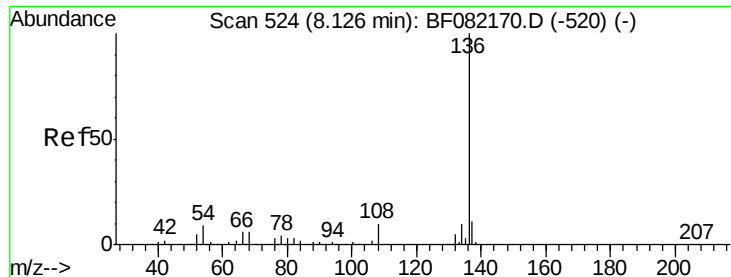
Tot Ion: 70 Resp: 259920
Ion Ratio Lower Upper
70 100
42 55.1 39.8 59.8
101 9.2 8.6 13.0
130 19.1 20.5 30.7#



#20
3+4-Methylphenols
Concen: 35.25 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:107 Resp: 339147
Ion Ratio Lower Upper
107 100
108 88.0 69.9 109.9
77 117.0 106.0 146.0
79 29.5 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 655301

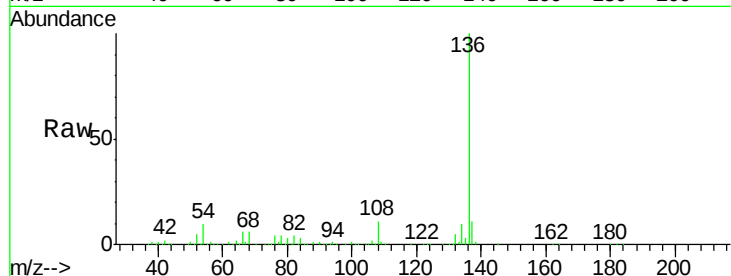
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.2 7.5 11.3

68 6.4 4.6 7.0

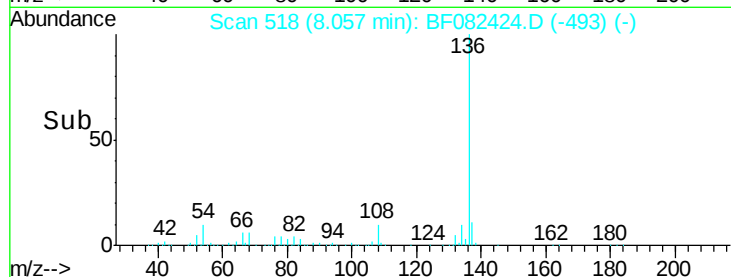


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

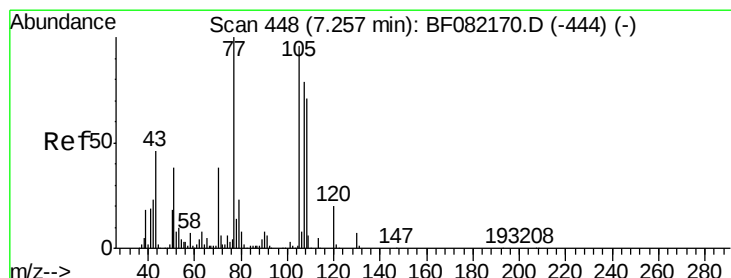
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.06



#22

Acetophenone

Concen: 40.92 ng

RT: 7.20 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Tgt Ion:105 Resp: 530468

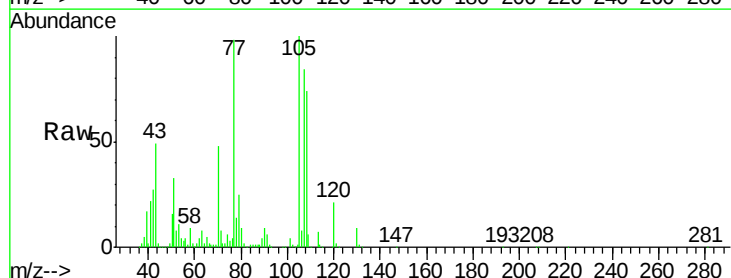
Ion Ratio Lower Upper

105 100

71 7.8 5.4 8.0

51 33.5 31.8 47.6

120 21.4 16.3 24.5

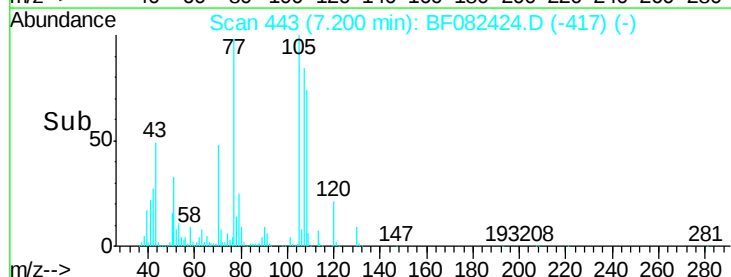


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

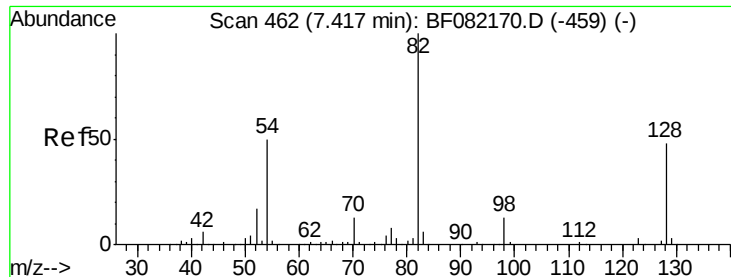
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

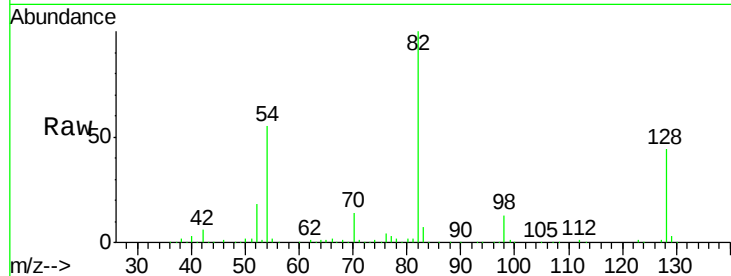
7.20



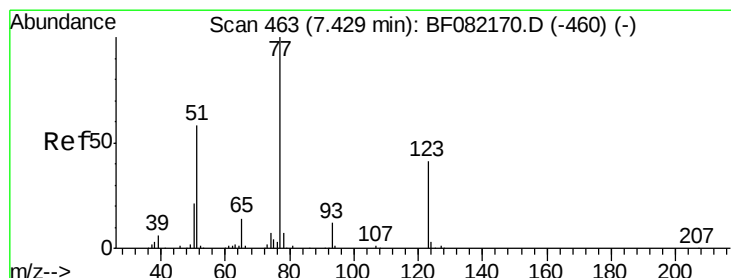
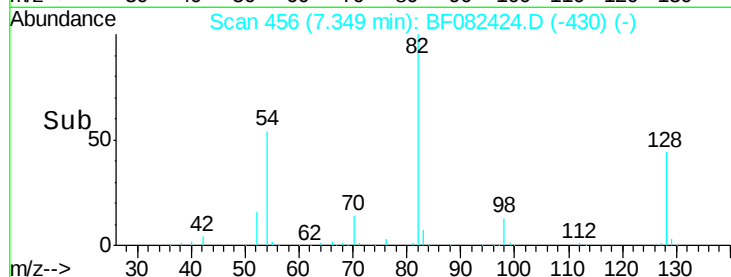
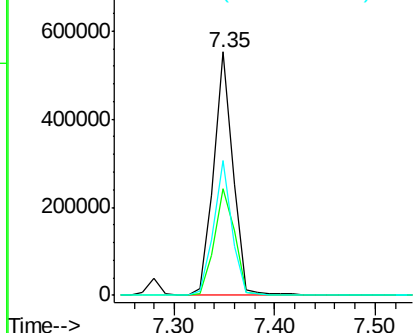
#23
 Nitrobenzene-d5
 Concen: 76.06 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 742220
 Ion Ratio Lower Upper
 82 100
 128 44.0 38.7 58.1
 54 55.1 40.1 60.1

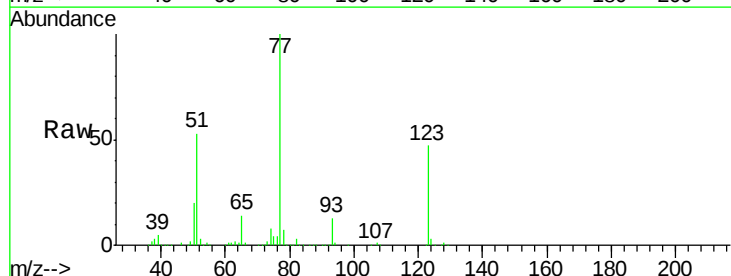


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

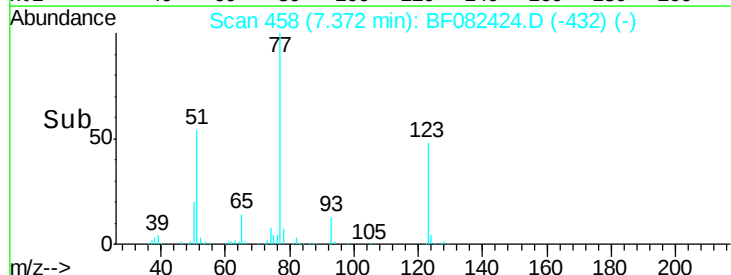
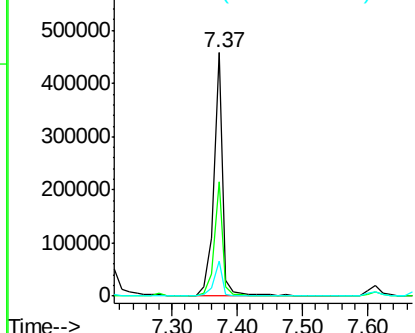


#24
 Nitrobenzene
 Concen: 41.29 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion: 77 Resp: 436118
 Ion Ratio Lower Upper
 77 100
 123 47.2 33.0 49.4
 65 14.1 11.2 16.8



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





#25

Isophorone

Concen: 39.07 ng

RT: 7.61 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

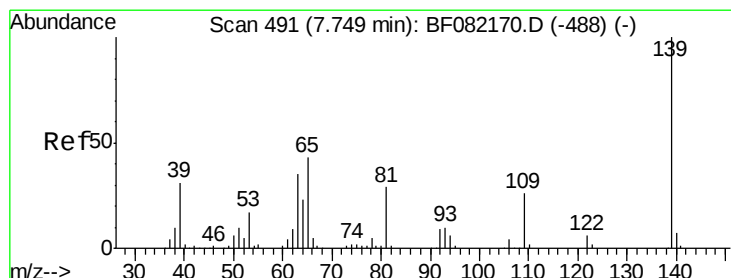
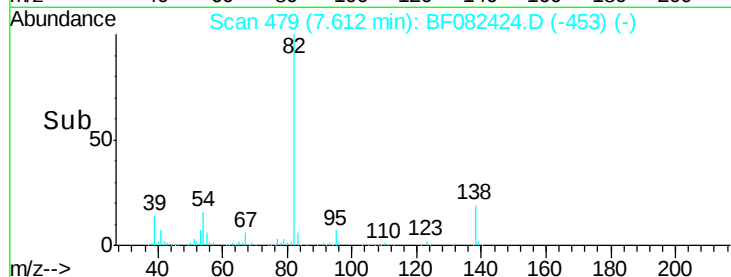
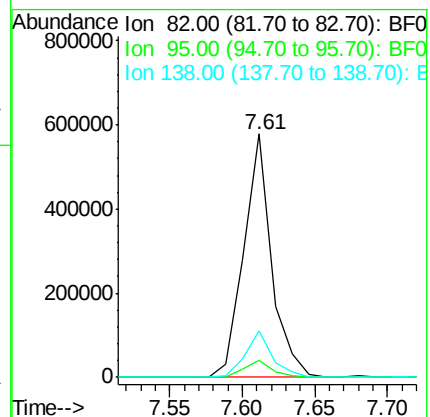
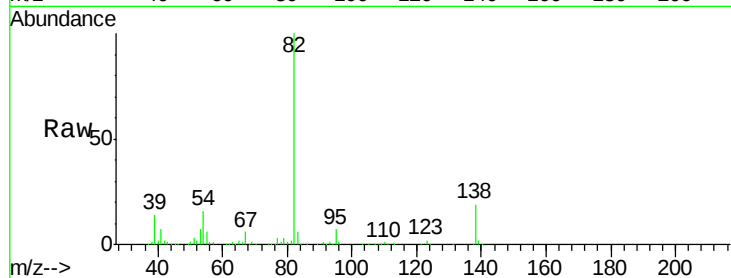
Tot Ion: 82 Resp: 769392

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 19.0 13.6 20.4



#26

2-Nitrophenol

Concen: 39.44 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

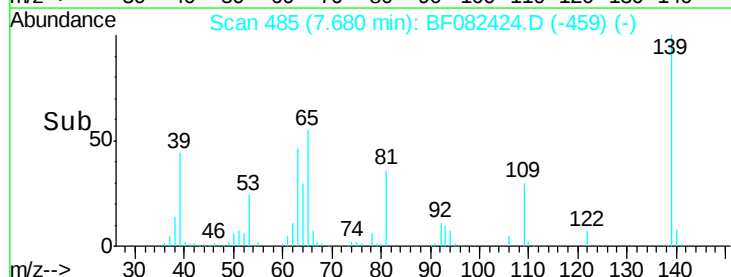
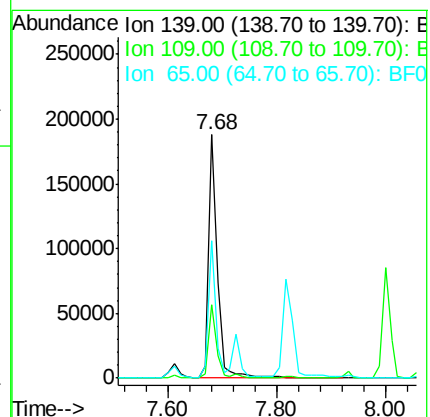
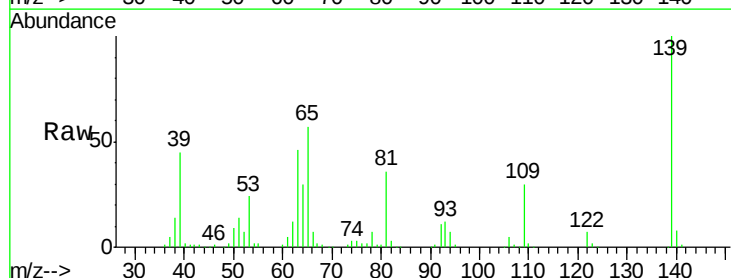
Tgt Ion: 139 Resp: 208025

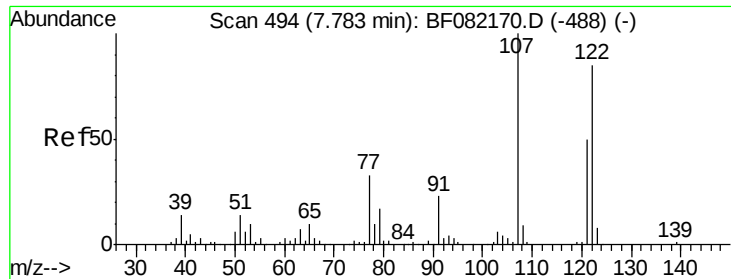
Ion Ratio Lower Upper

139 100

109 30.0 20.6 31.0

65 56.6 34.3 51.5#

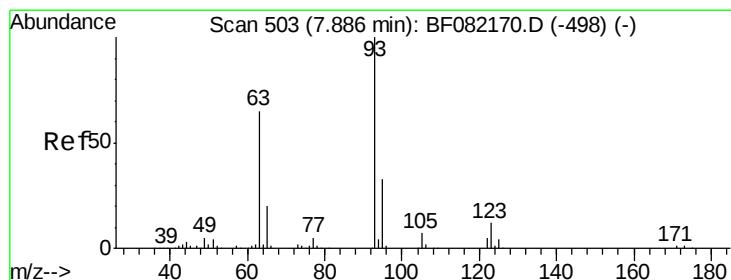
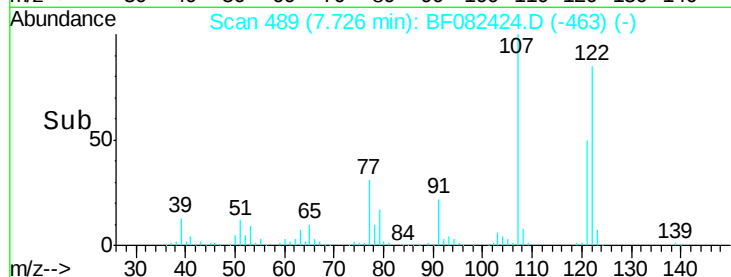
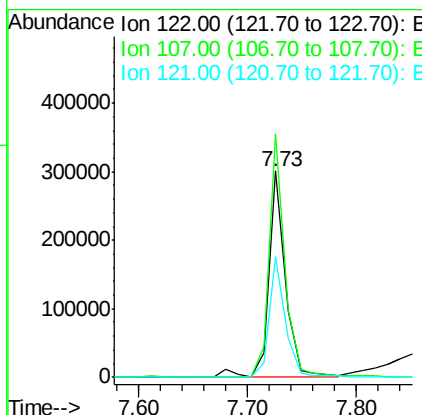
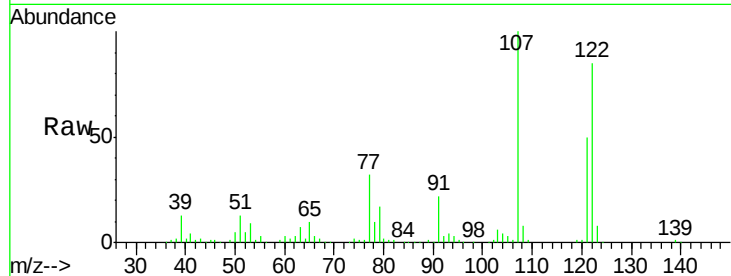




#27
2,4-Dimethylphenol
Concen: 38.24 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

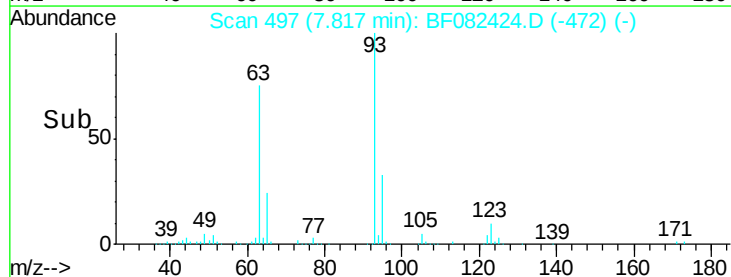
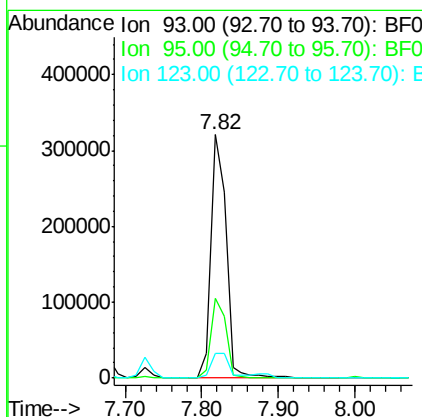
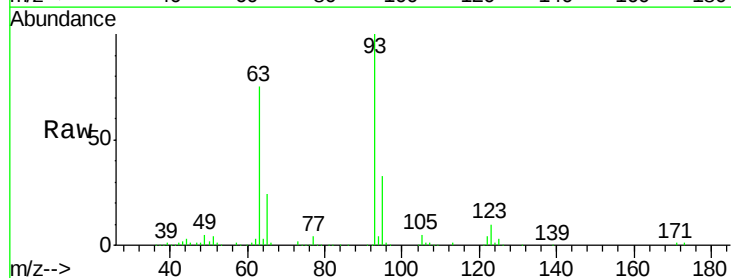
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

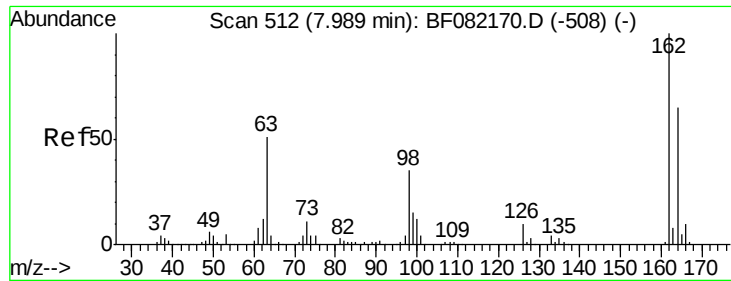
Tot Ion:122 Resp: 324964
Ion Ratio Lower Upper
122 100
107 118.1 94.0 141.0
121 58.5 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 38.03 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion: 93 Resp: 435826
Ion Ratio Lower Upper
93 100
95 32.7 26.6 39.8
123 10.4 9.5 14.3

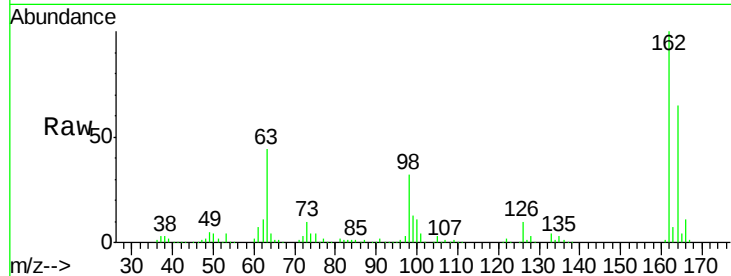




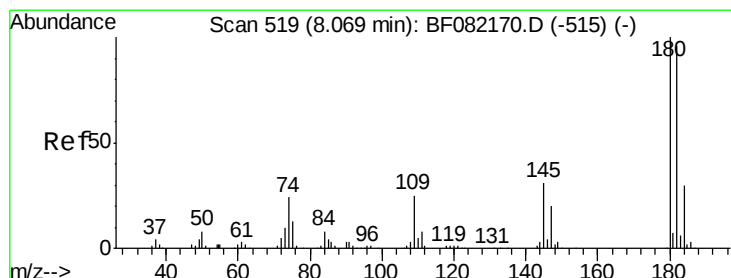
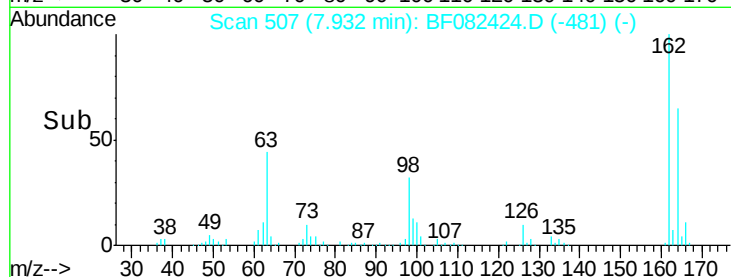
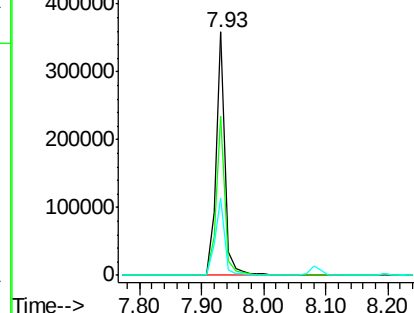
#29
 2,4-Dichlorophenol
 Concen: 41.60 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	31.9	15.0	55.0

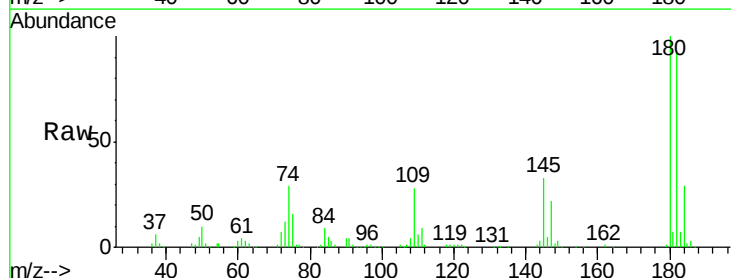


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

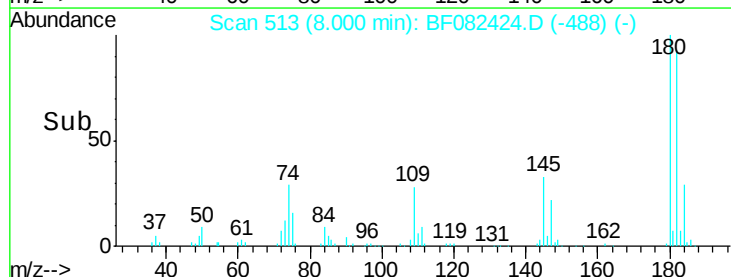
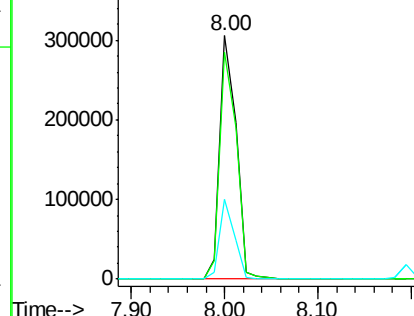


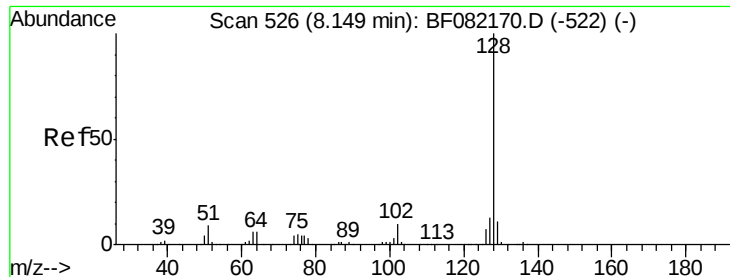
#30
 1,2,4-Trichlorobenzene
 Concen: 38.07 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.0	115.4
145	32.6	25.0	37.4



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

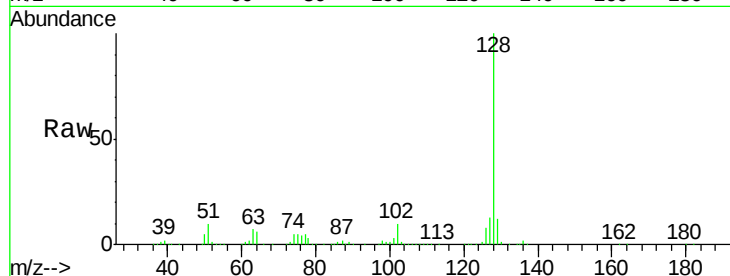




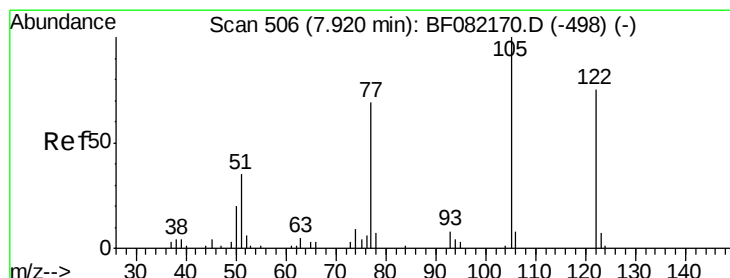
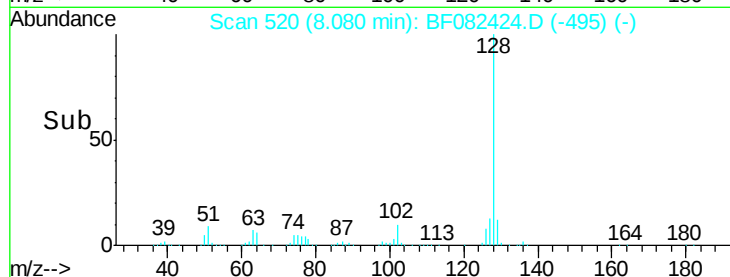
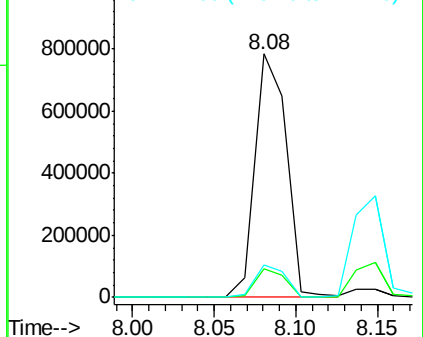
#31
Naphthalene
Concen: 36.94 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1049318
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.4 10.7 16.1

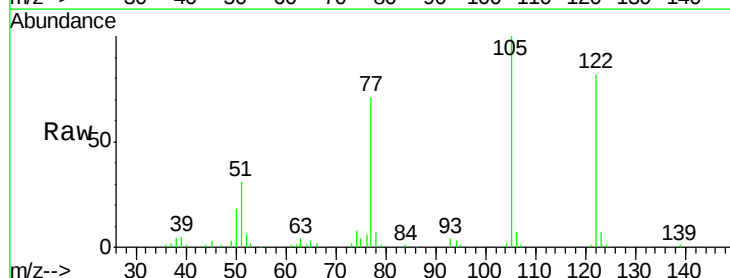


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

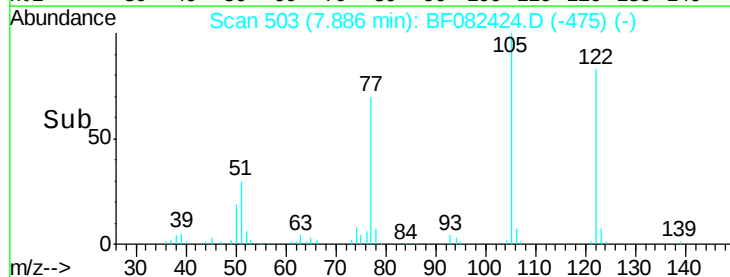
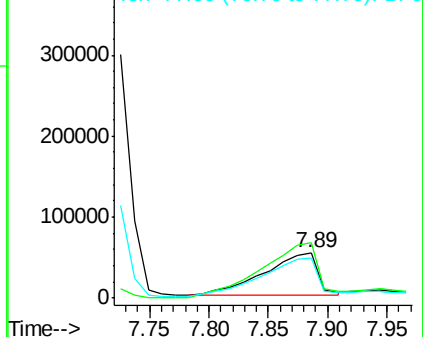


#32
Benzoic acid
Concen: 29.49 ng
RT: 7.89 min Scan# 503
Delta R.T. 0.02 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:122 Resp: 168148
Ion Ratio Lower Upper
122 100
105 121.4 104.4 144.4
77 86.6 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

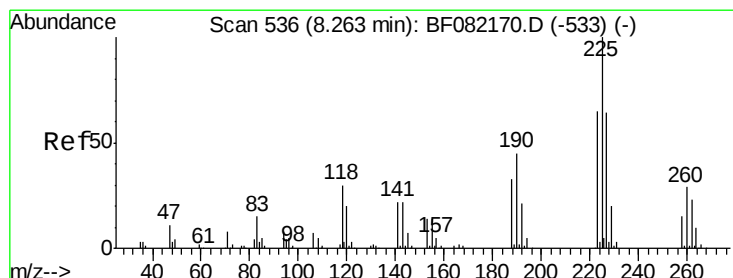
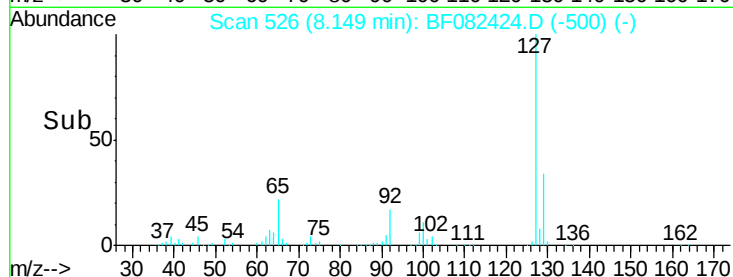
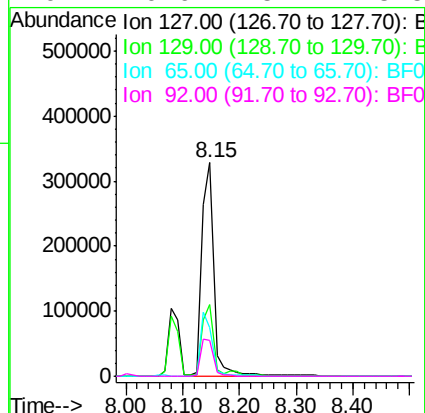
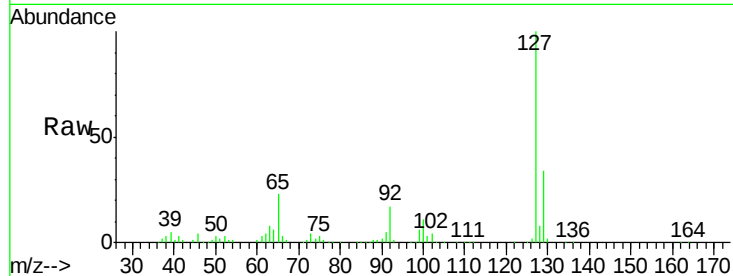




#33
4-Chloroaniline
Concen: 39.43 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

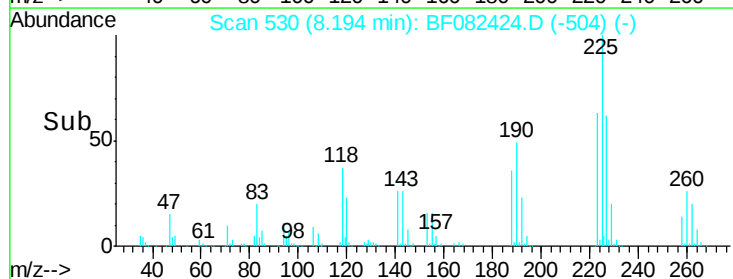
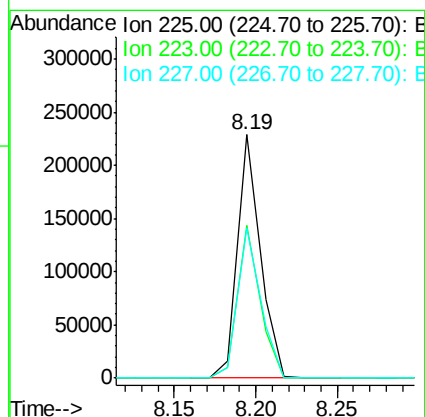
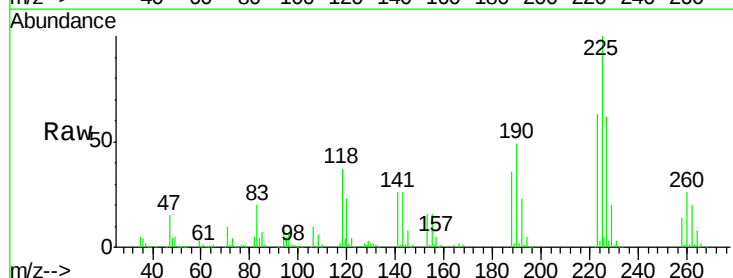
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

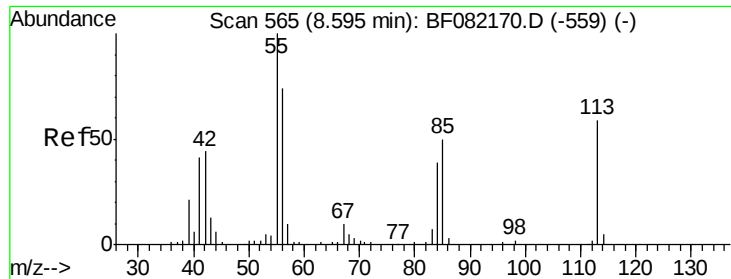
Tot Ion:	127	Resp:	465133
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.3	39.5
65	22.6	24.4	36.6
92	16.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 36.11 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:	225	Resp:	220263
Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.2	78.2
227	61.8	51.3	76.9





#35

Caprolactam

Concen: 42.17 ng

RT: 8.55 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

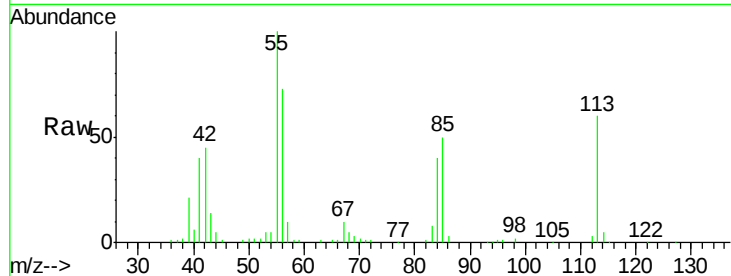
Tot Ion:113 Resp: 103963

Ion Ratio Lower Upper

113 100

55 166.2 149.7 189.7

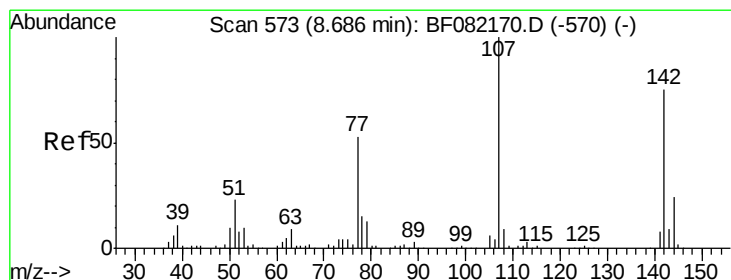
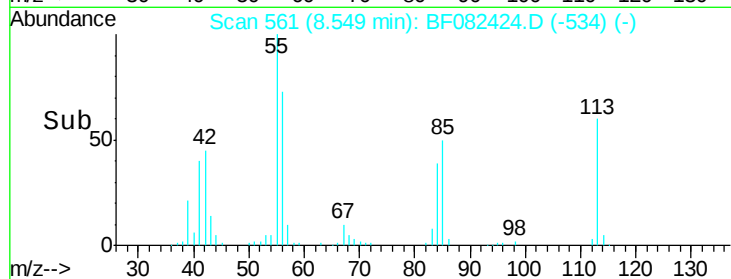
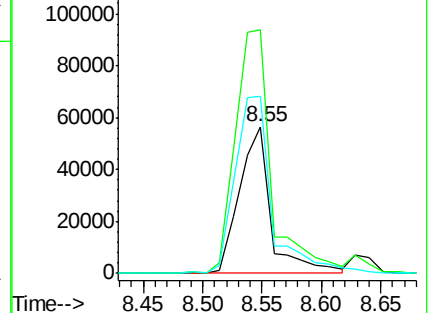
56 120.9 105.4 145.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.92 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

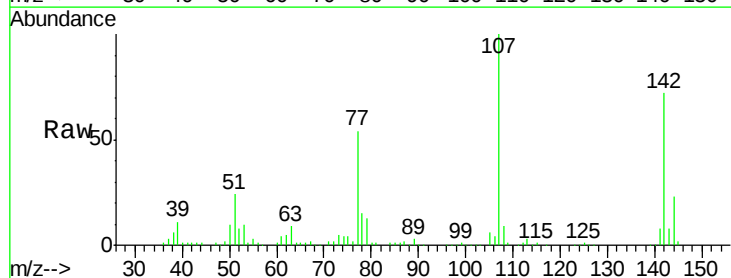
Tgt Ion:107 Resp: 331624

Ion Ratio Lower Upper

107 100

144 23.0 19.3 28.9

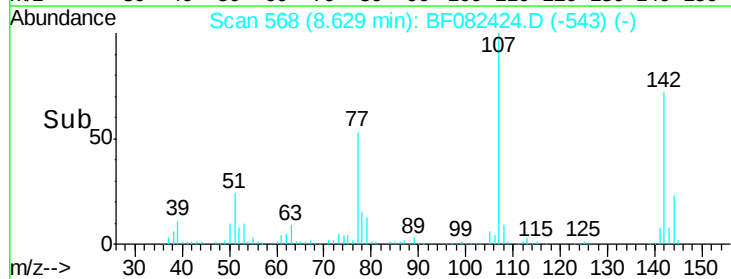
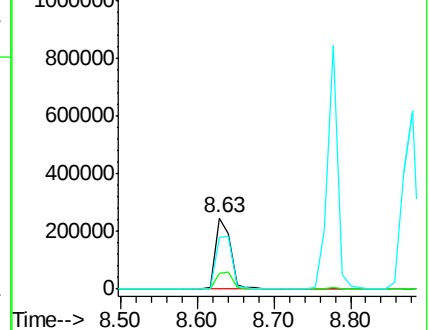
142 72.3 59.9 89.9

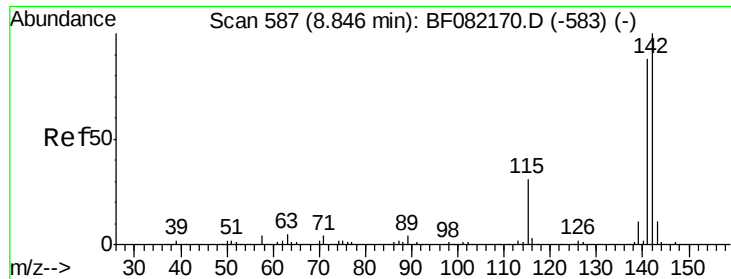


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

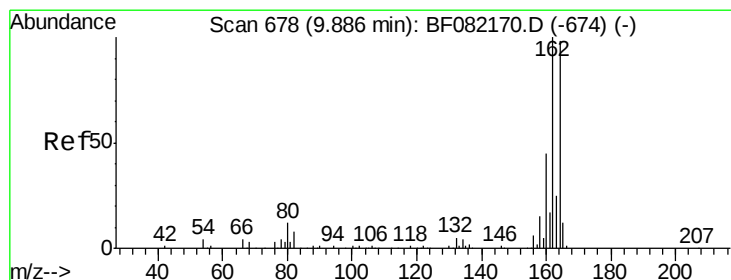
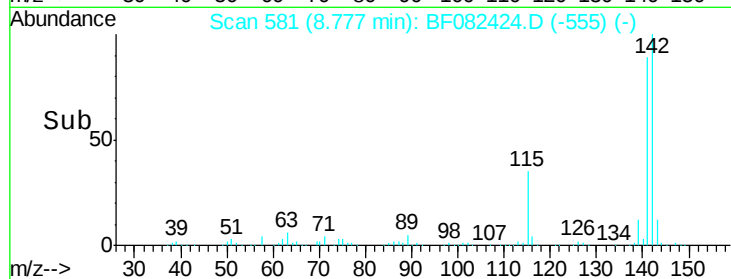
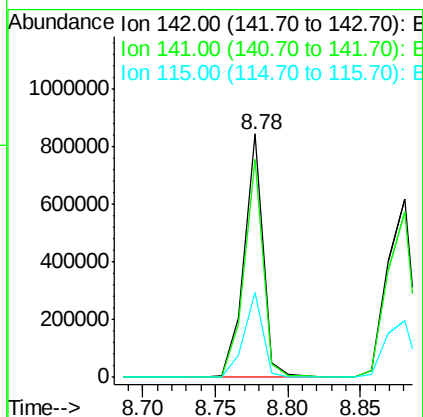
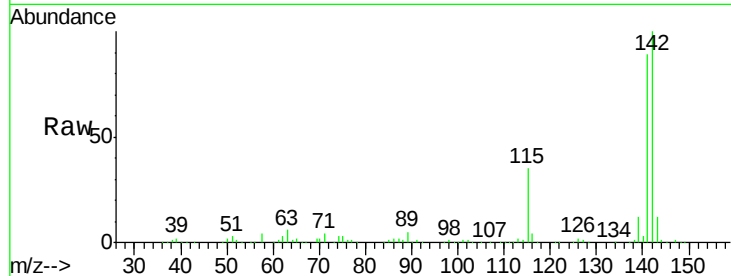




#37
2-Methylnaphthalene
Concen: 38.97 ng
RT: 8.78 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

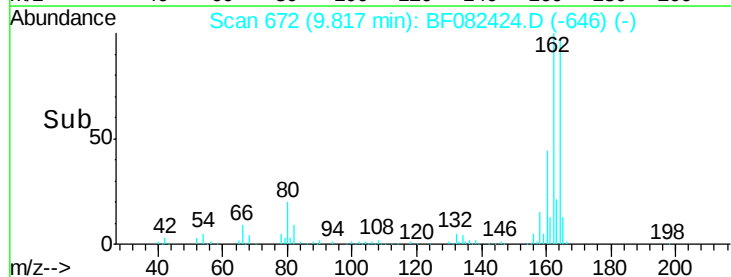
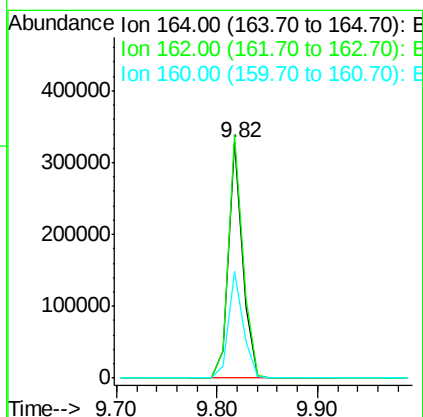
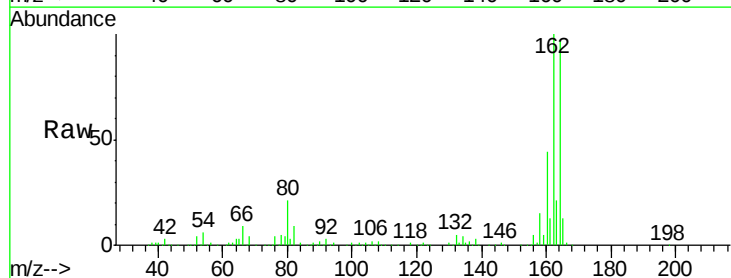
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 767488
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6
115 34.7 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:164 Resp: 322548
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 45.3 36.4 54.6

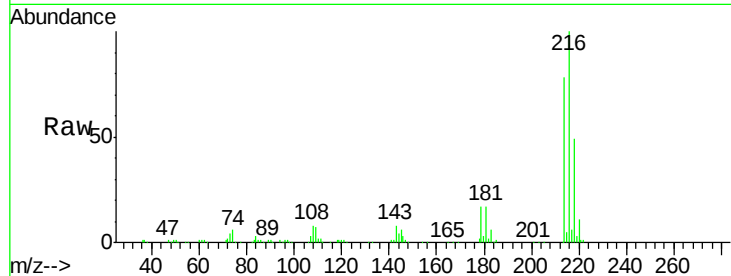




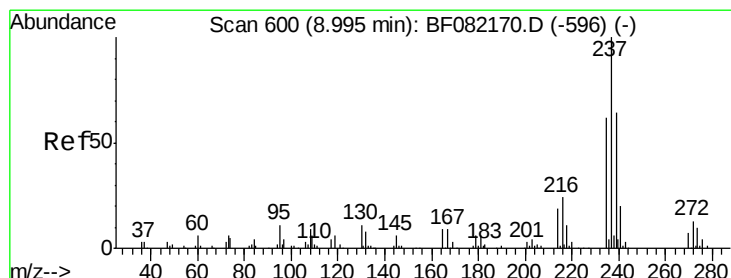
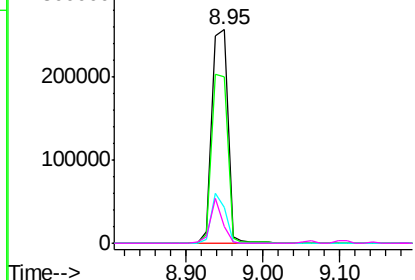
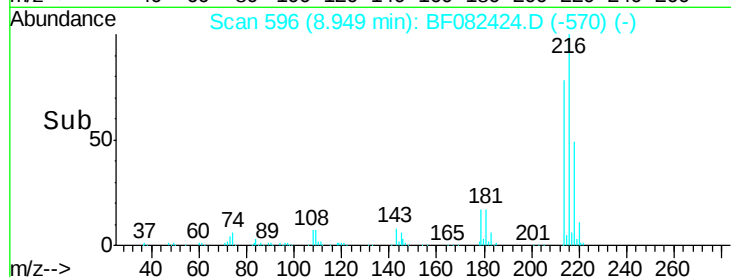
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.54 ng
 RT: 8.95 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	369768
Ion Ratio	Lower	Upper
216	100	
214	79.4	64.6 97.0
179	20.5	17.6 26.4
108	16.4	14.5 21.7

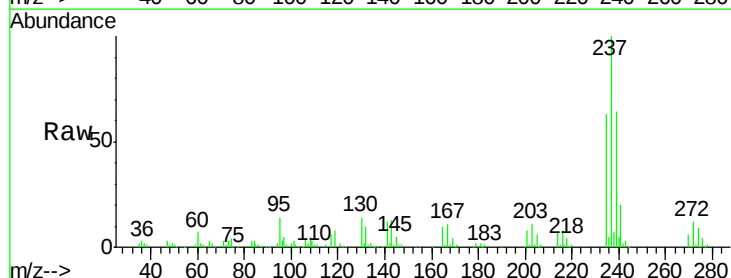


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

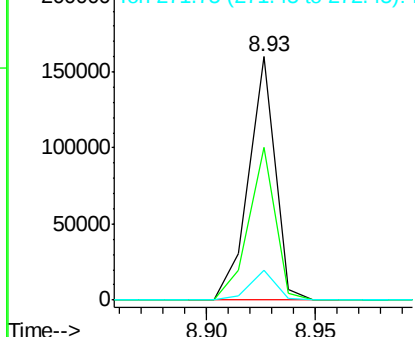
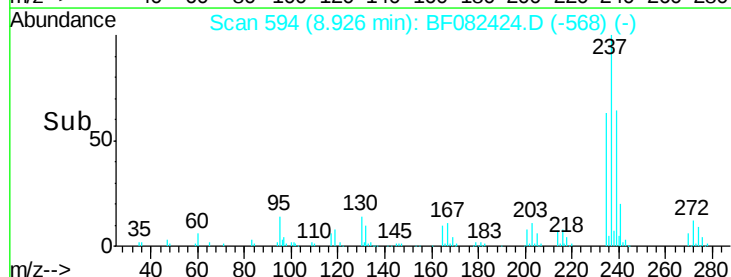


#40
 Hexachlorocyclopentadiene
 Concen: 33.37 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:237	Resp:	135786
Ion Ratio	Lower	Upper
237	100	
235	62.9	41.7 81.7
272	12.2	0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

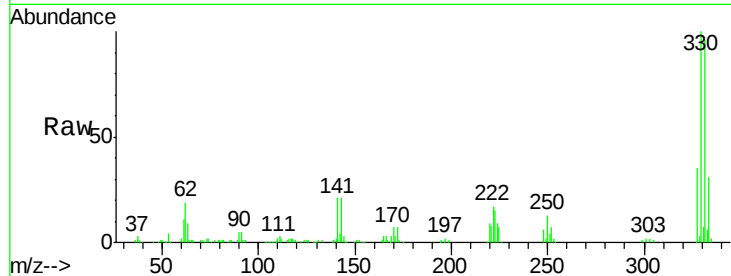




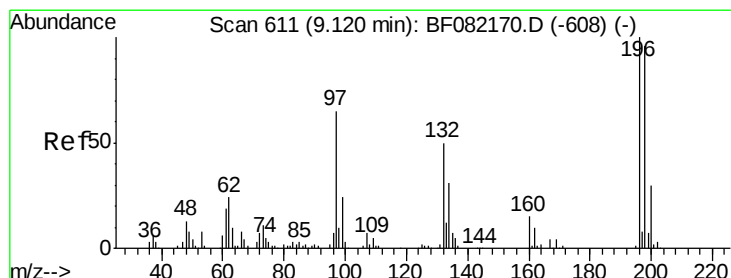
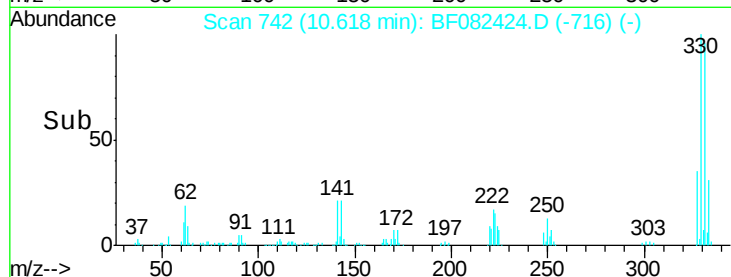
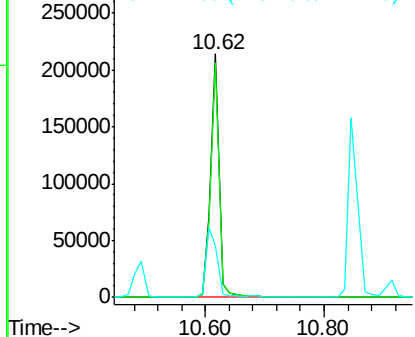
#41
 2,4,6-Tribromophenol
 Concen: 71.47 ng
 RT: 10.62 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 216182
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 37.1 29.8 44.8

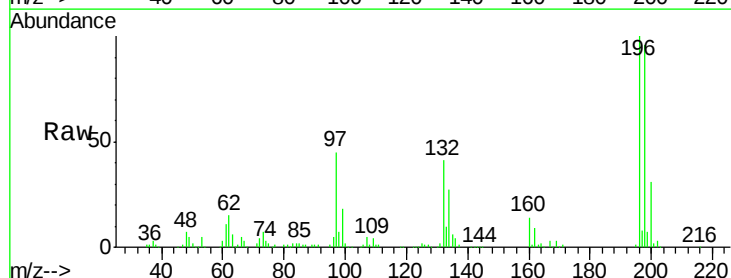


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

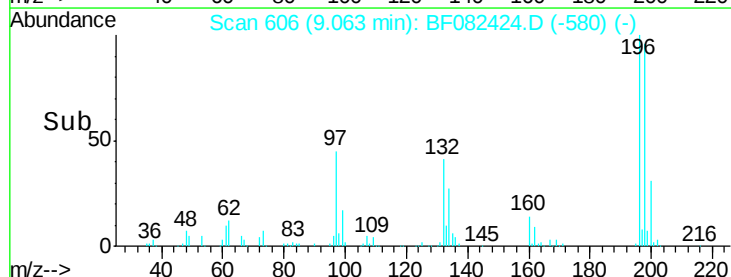
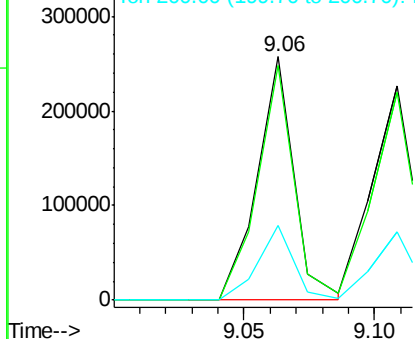


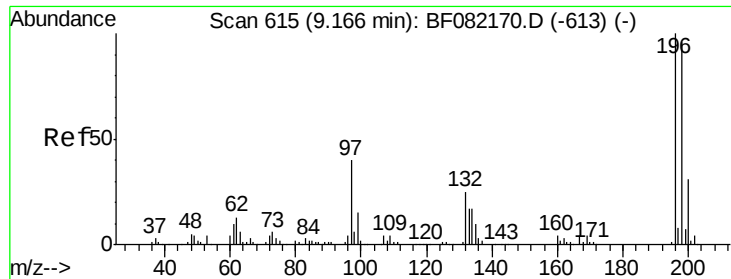
#42
 2,4,6-Trichlorophenol
 Concen: 39.71 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:196 Resp: 253012
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 200 30.6 23.7 35.5



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

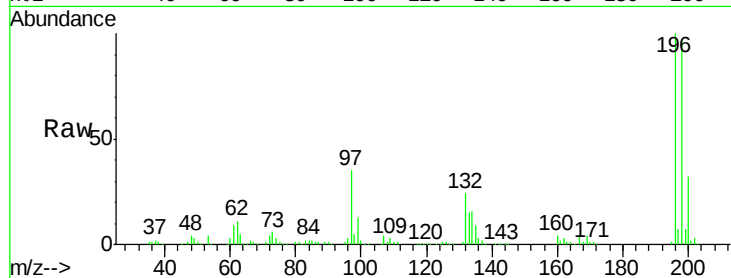




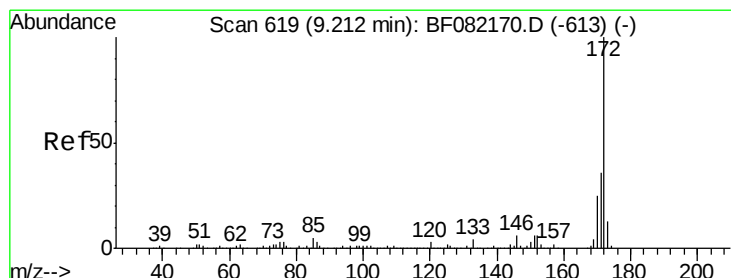
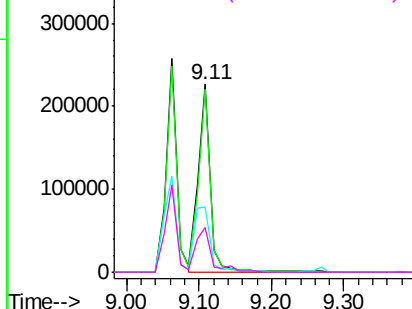
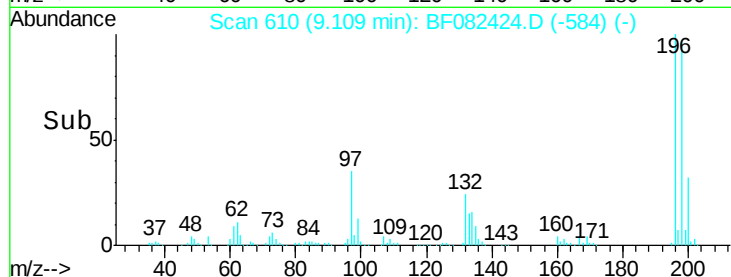
#43
 2,4,5-Trichlorophenol
 Concen: 38.15 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	263350
Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.0	115.4
97	35.0	31.9	47.9
132	23.6	20.3	30.5

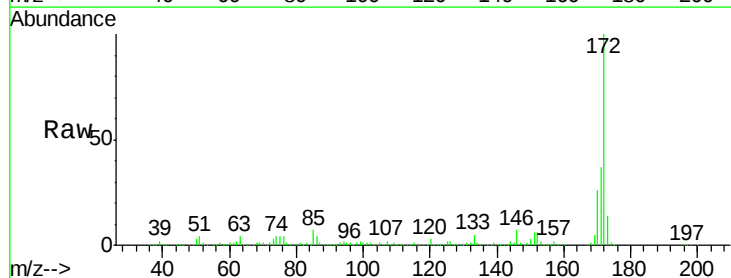


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

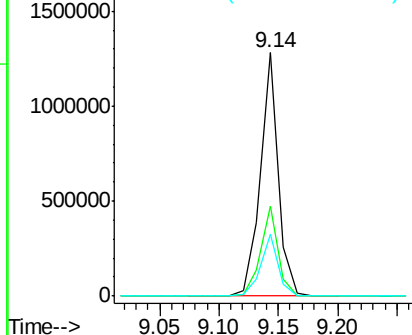
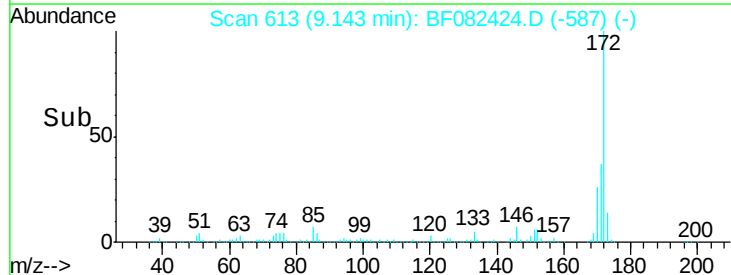


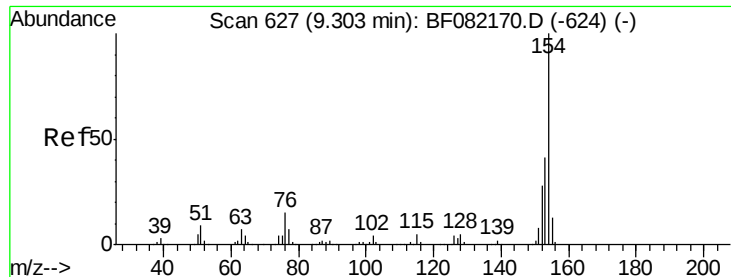
#44
 2-Fluorobiphenyl
 Concen: 69.73 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:	172	Resp:	1356295
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	25.6	19.7	29.5



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

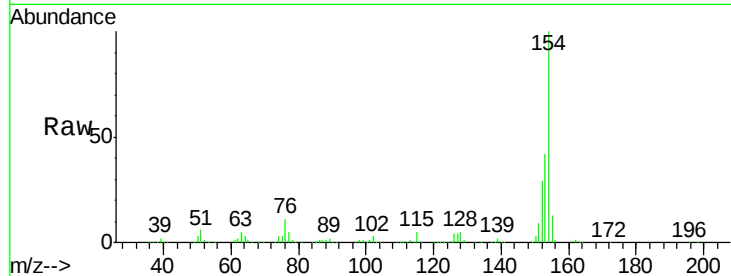




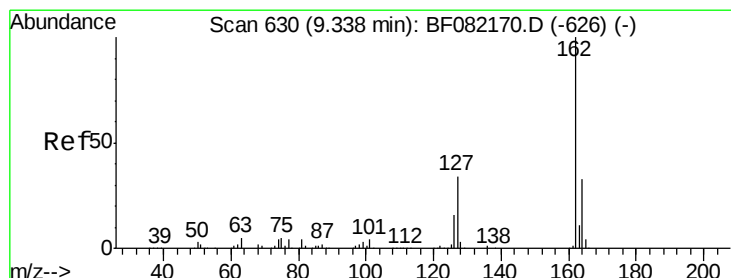
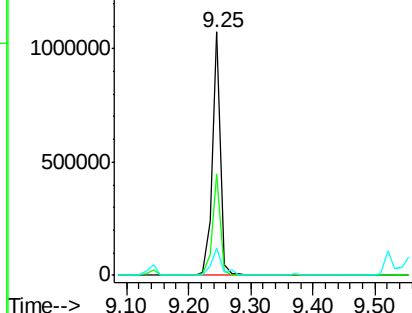
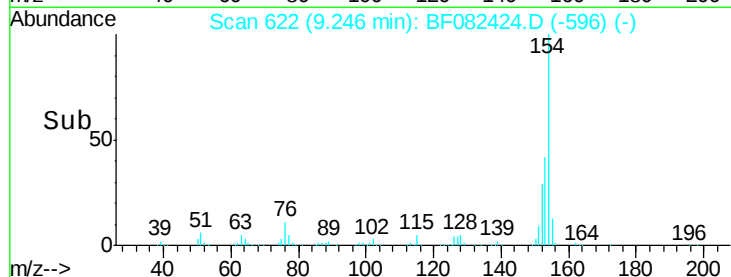
#45
 1,1'-Biphenyl
 Concen: 39.03 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 960093
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.6 60.6
 76 11.0 0.0 35.2

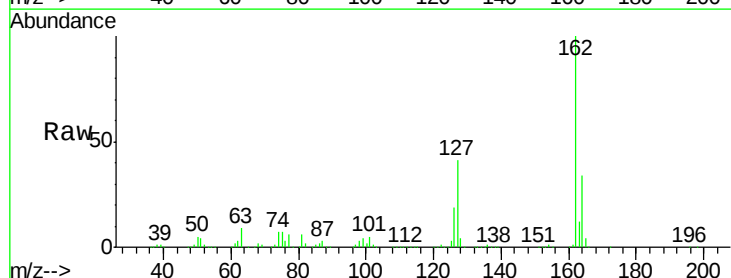


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

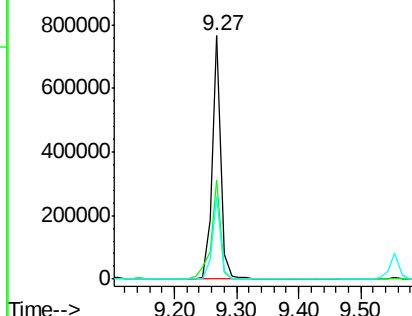
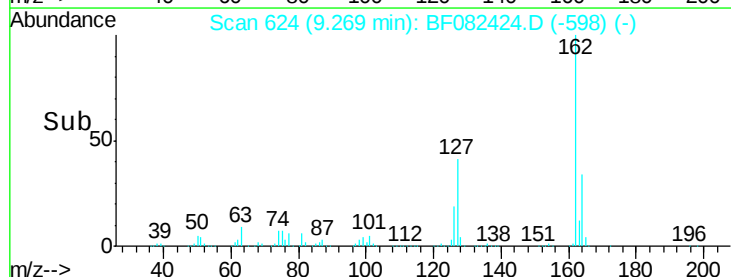


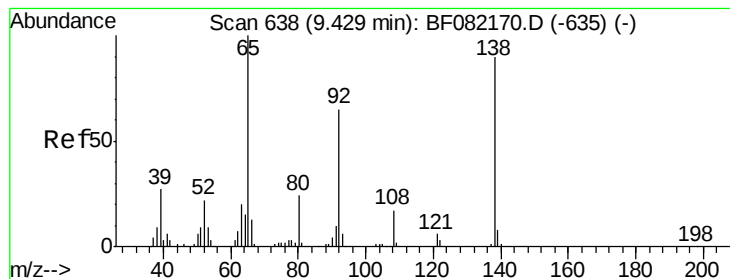
#46
 2-Chloronaphthalene
 Concen: 37.85 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:162 Resp: 732930
 Ion Ratio Lower Upper
 162 100
 127 40.8 27.5 41.3
 164 33.7 26.6 39.8



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: 39.73 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

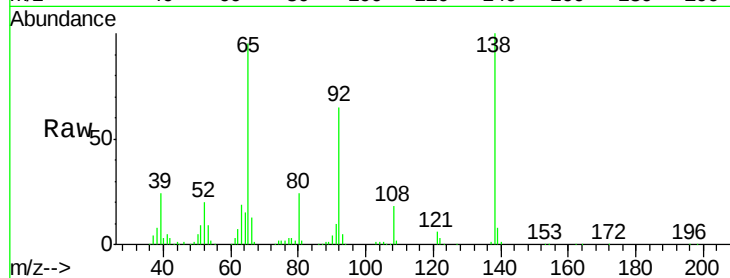
Tot Ion: 65 Resp: 211217

Ion Ratio Lower Upper

65 100

92 67.9 52.3 78.5

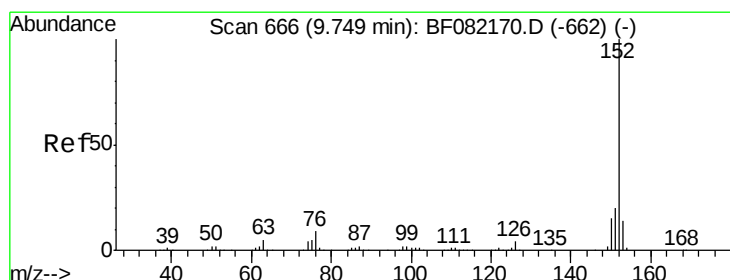
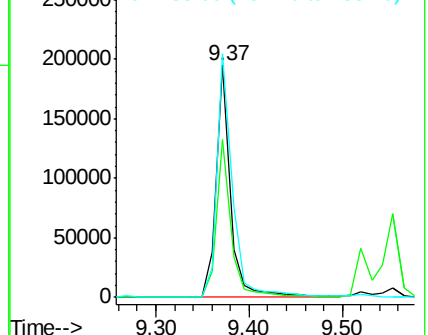
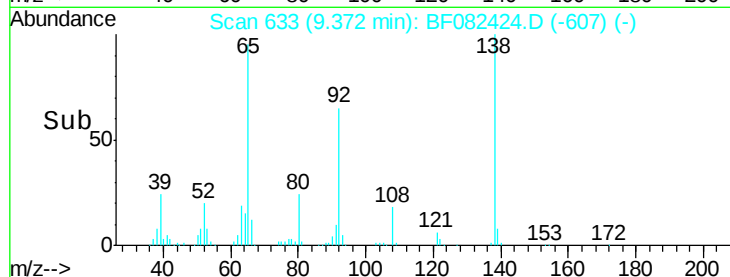
138 105.0 72.2 108.4



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.79 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

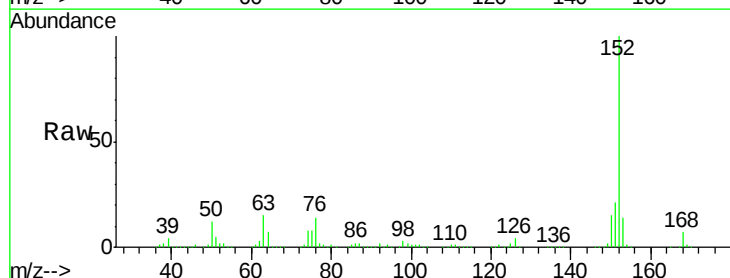
Tgt Ion: 152 Resp: 1049475

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

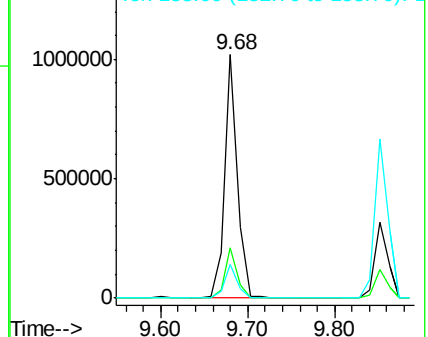
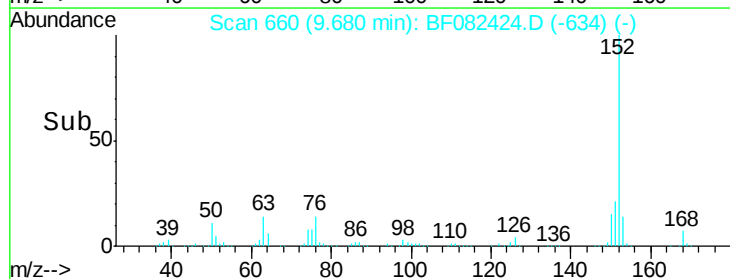
153 14.1 10.8 16.2

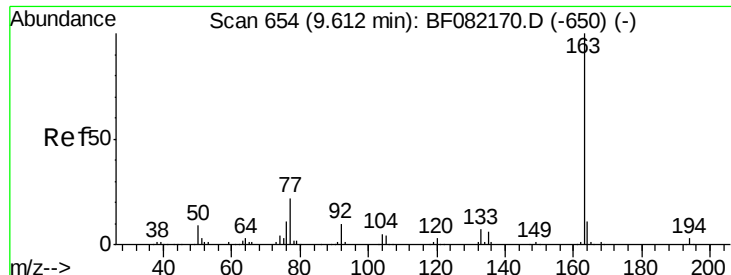


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

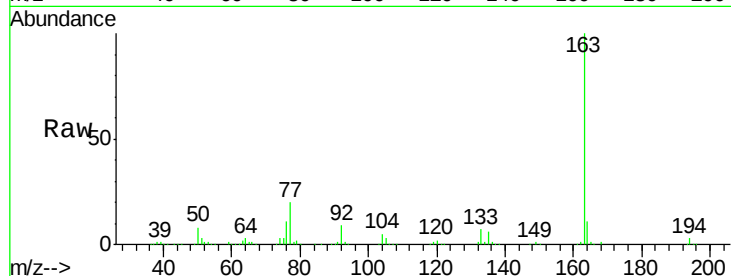




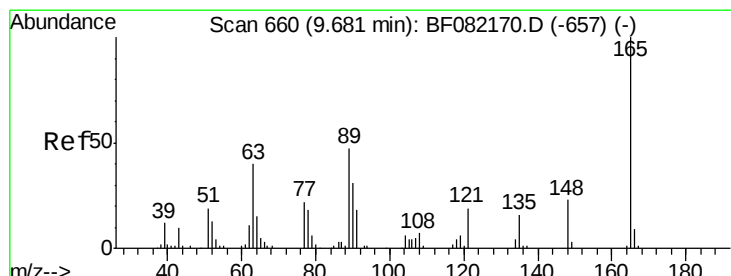
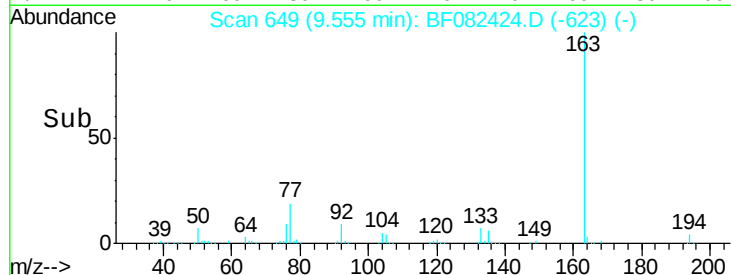
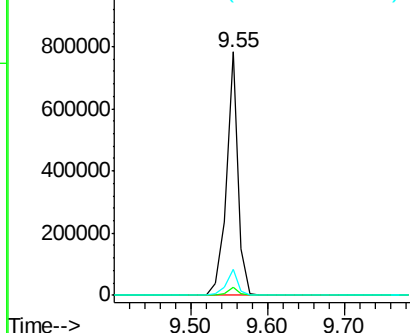
#49
Dimethylphthalate
Concen: 36.85 ng
RT: 9.55 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 836956
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.5 12.7

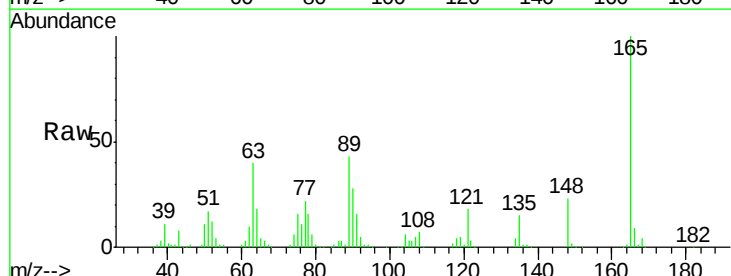


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

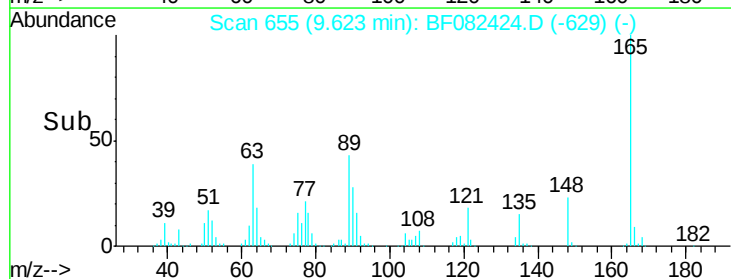
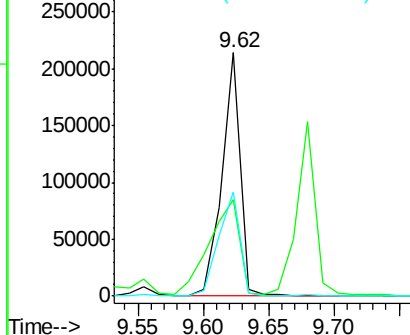


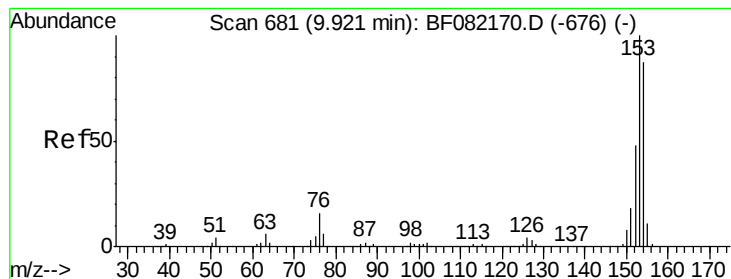
#50
2,6-Dinitrotoluene
Concen: 43.94 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:165 Resp: 210593
Ion Ratio Lower Upper
165 100
63 39.6 36.7 55.1
89 42.6 37.8 56.6



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





#51

Acenaphthene

Concen: 34.21 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

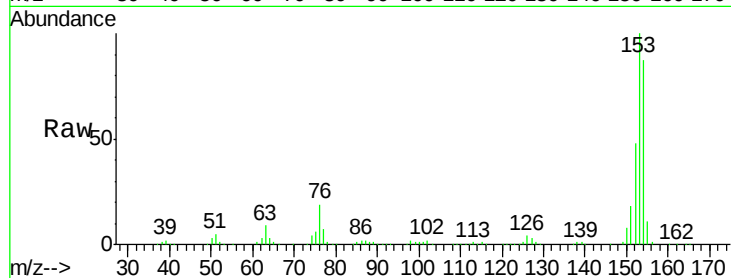
Tot Ion:154 Resp: 619392

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

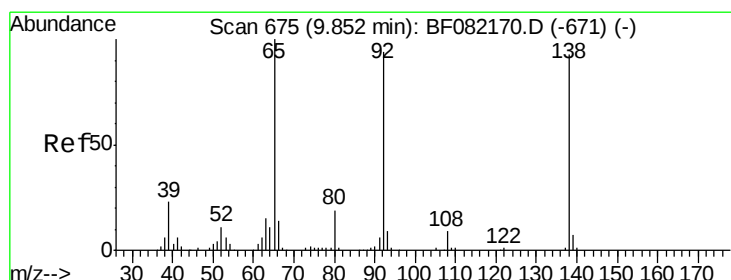
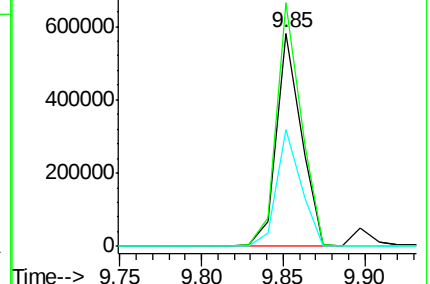
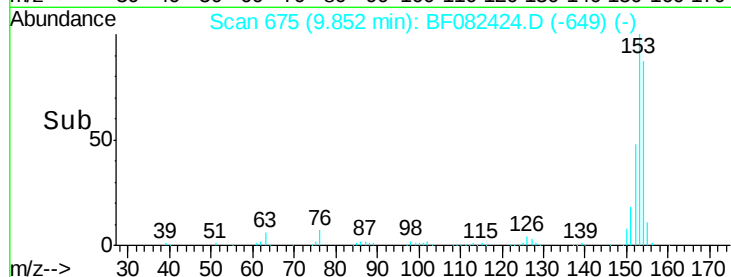
152 54.6 44.3 66.5



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: 42.78 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

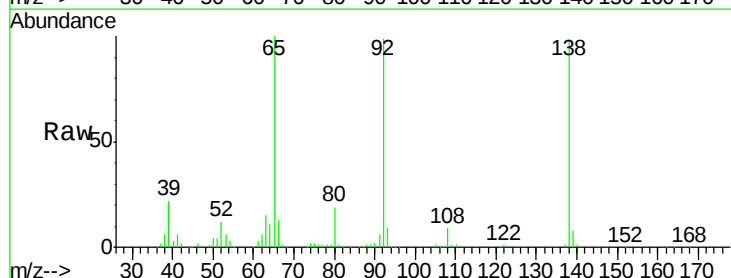
Tgt Ion:138 Resp: 231569

Ion Ratio Lower Upper

138 100

108 8.7 7.4 11.0

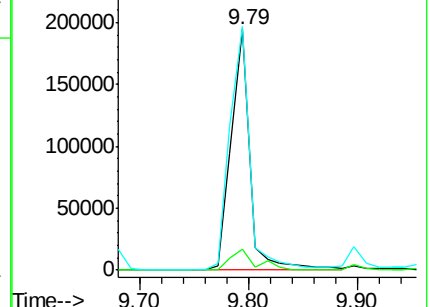
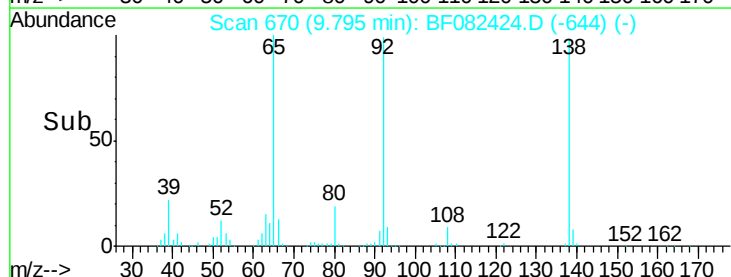
92 101.1 81.3 121.9

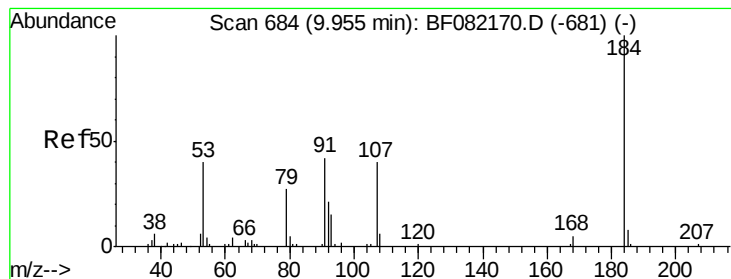


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 34.11 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

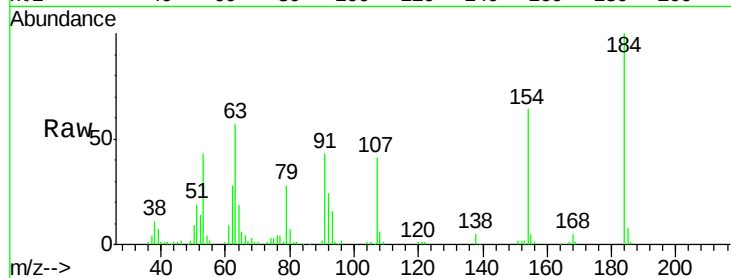
Tot Ion:184 Resp: 80671

Ion Ratio Lower Upper

184 100

63 56.9 45.1 67.7

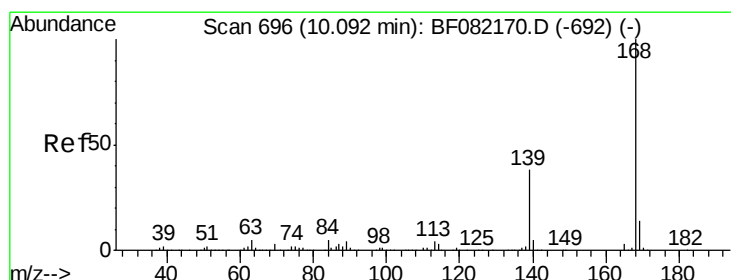
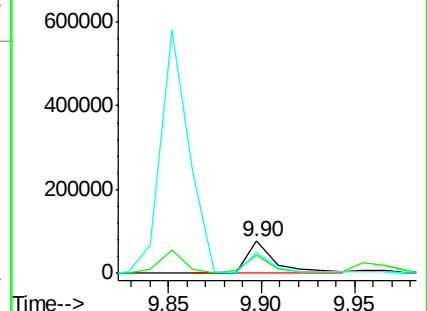
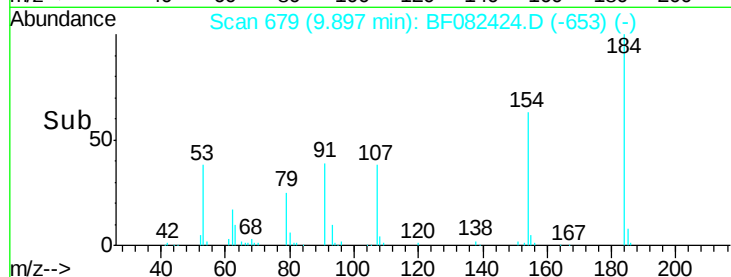
154 63.5 51.2 76.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.62 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

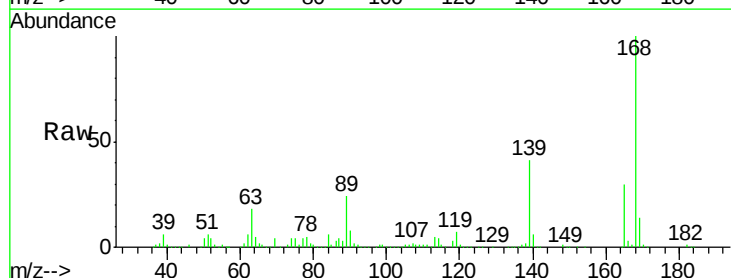
Tgt Ion:168 Resp: 885506

Ion Ratio Lower Upper

168 100

139 41.3 31.0 46.6

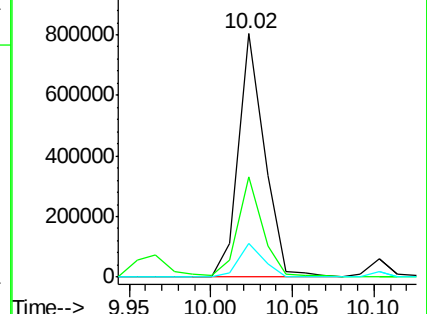
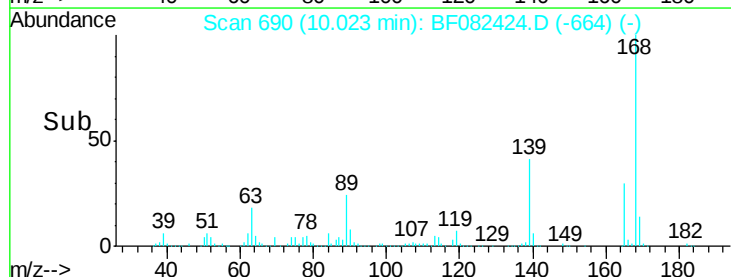
169 13.9 10.9 16.3

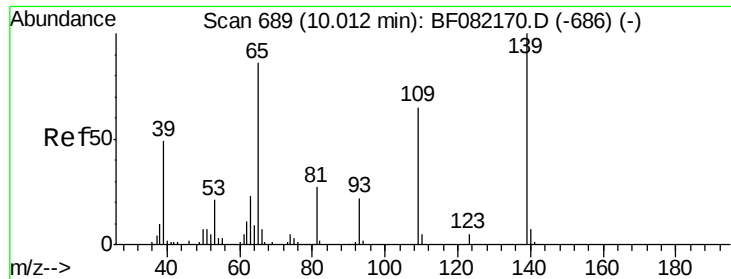


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 38.30 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

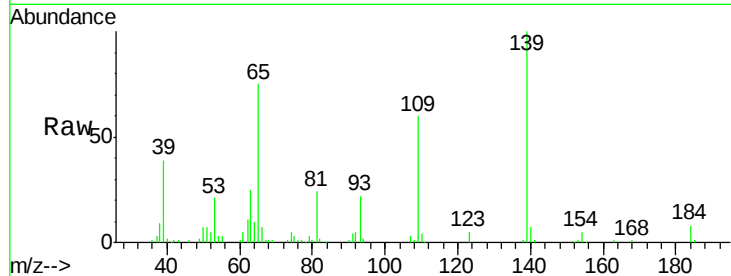
Tot Ion:139 Resp: 113960

Ion Ratio Lower Upper

139 100

109 60.0 44.8 84.8

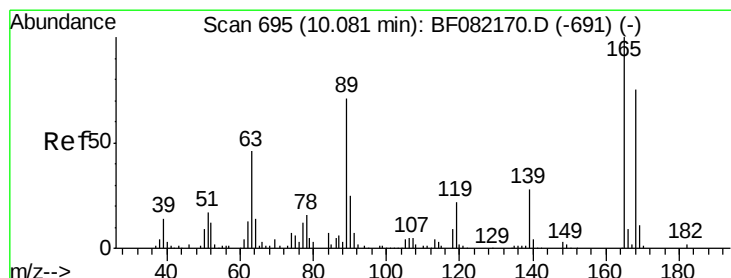
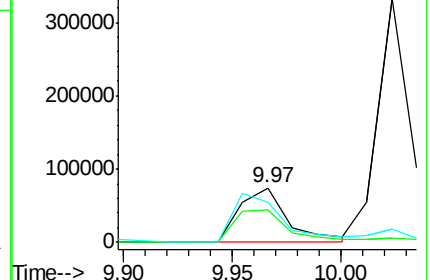
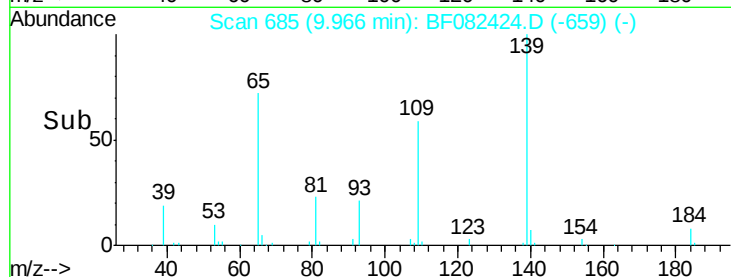
65 74.6 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.49 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Tgt Ion:165 Resp: 236538

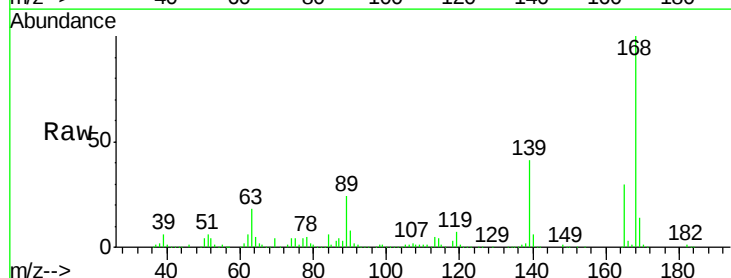
Ion Ratio Lower Upper

165 100

63 62.3 38.6 58.0#

89 79.9 57.0 85.6

182 2.1 1.8 2.6

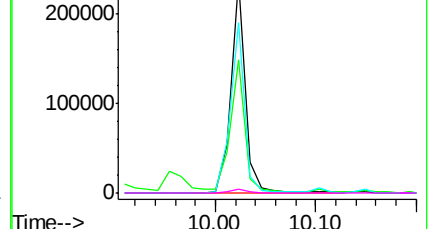
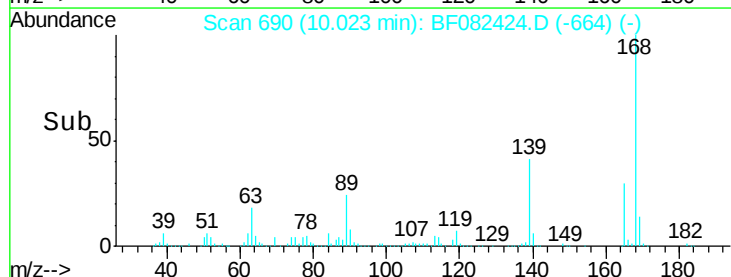


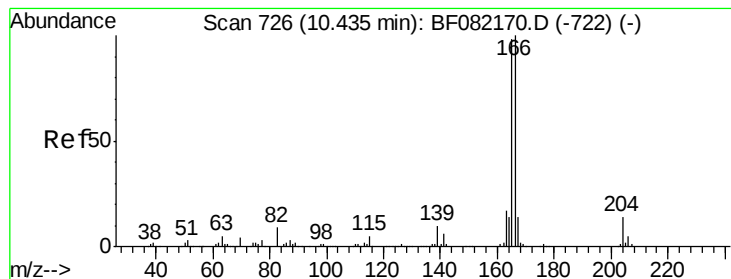
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.43 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

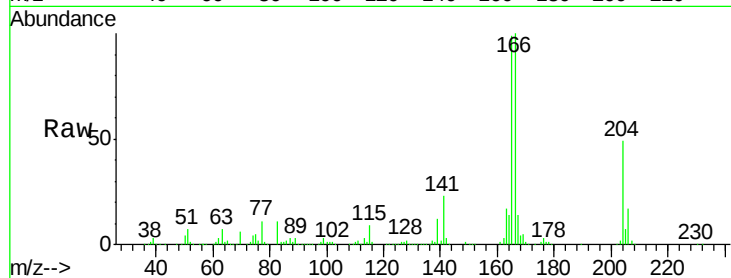
Tot Ion:166 Resp: 702959

Ion Ratio Lower Upper

166 100

165 98.6 78.3 117.5

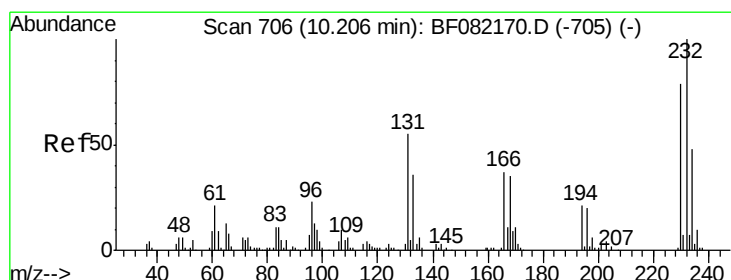
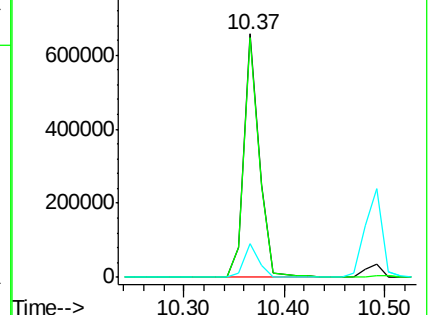
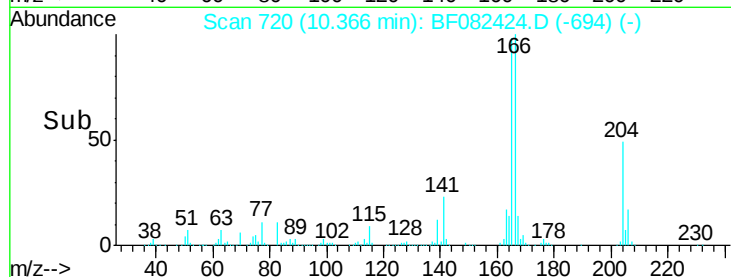
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.12 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Tgt Ion:232 Resp: 214981

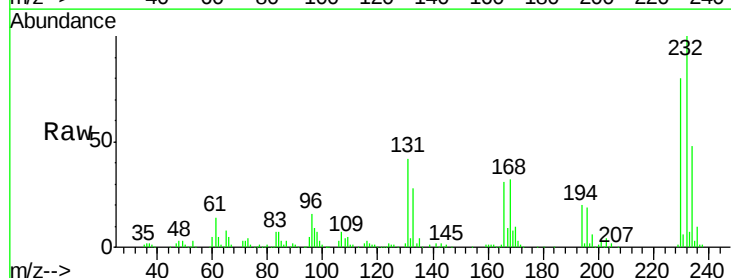
Ion Ratio Lower Upper

232 100

131 45.0 36.6 54.8

130 1.9 1.5 2.3

166 30.6 24.6 37.0

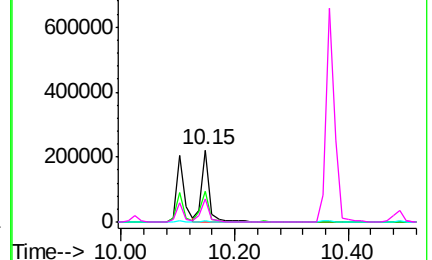
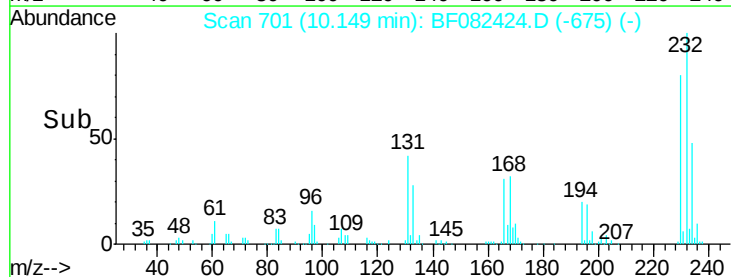


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.49 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

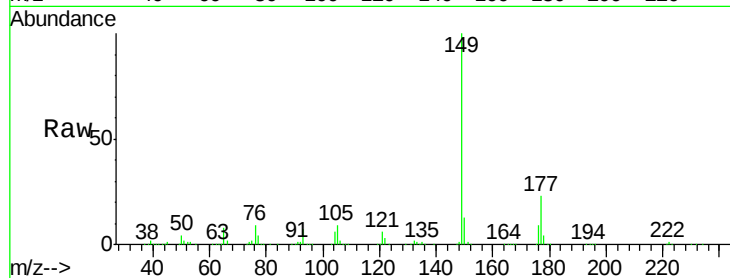
Tot Ion:149 Resp: 899547

Ion Ratio Lower Upper

149 100

177 22.9 17.6 26.4

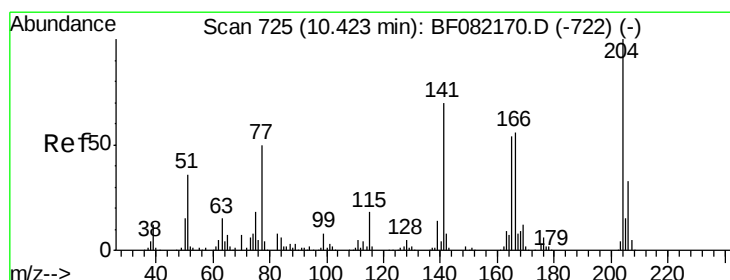
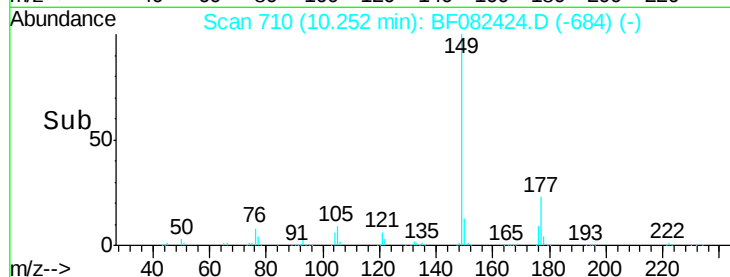
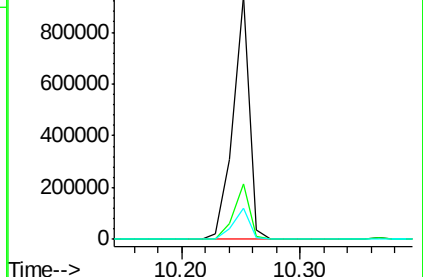
150 12.8 10.3 15.5



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: 40.44 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

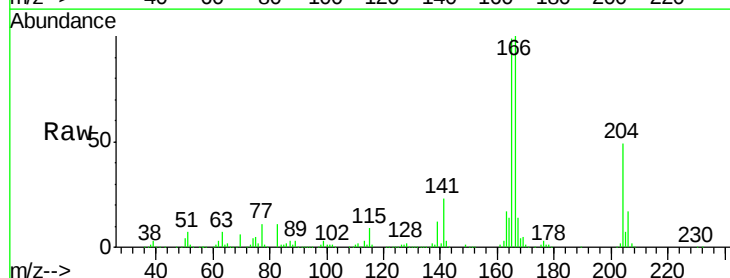
Tgt Ion:204 Resp: 378265

Ion Ratio Lower Upper

204 100

206 34.7 26.8 40.2

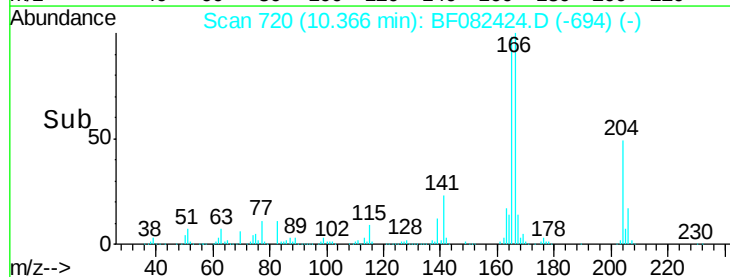
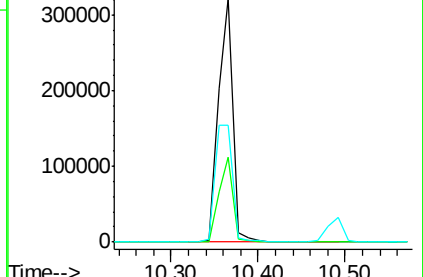
141 47.9 56.1 84.1#



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: 40.99 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

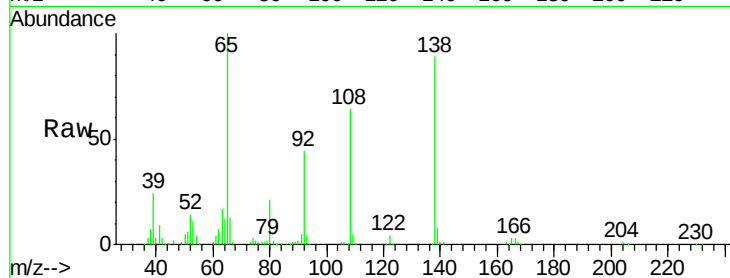
Tot Ion:138 Resp: 215238

Ion Ratio Lower Upper

138 100

92 49.5 26.8 66.8

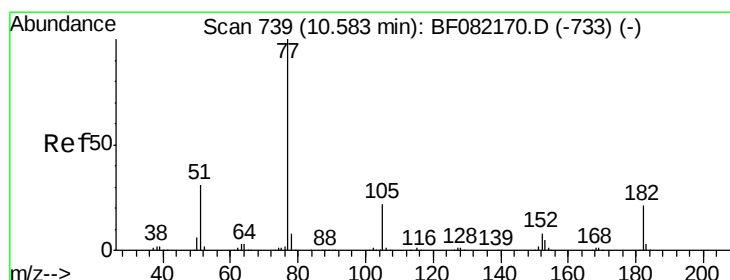
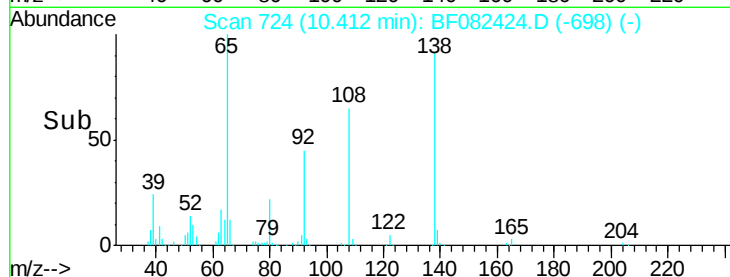
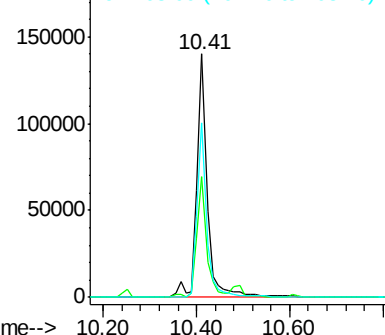
108 71.8 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.27 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Tgt Ion: 77 Resp: 834400

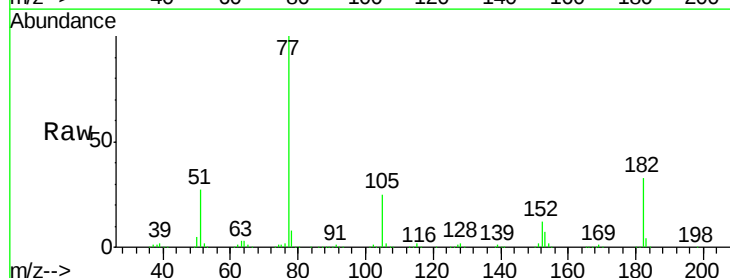
Ion Ratio Lower Upper

77 100

182 33.2 0.5 40.5

105 25.0 1.8 41.8

51 27.0 11.2 51.2

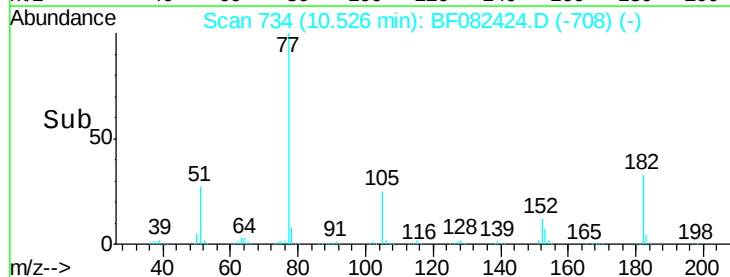
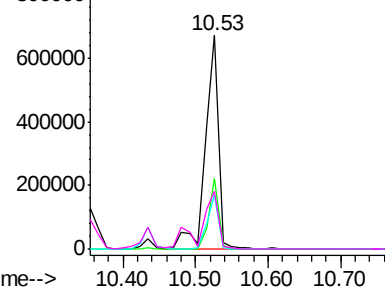


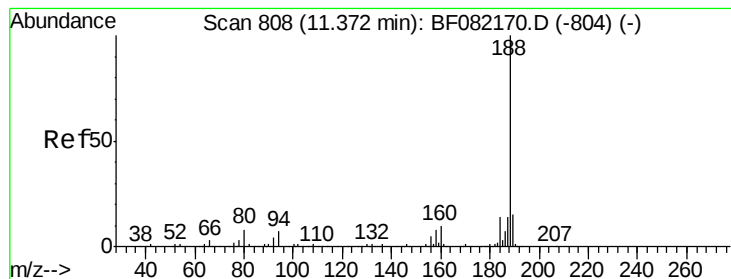
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

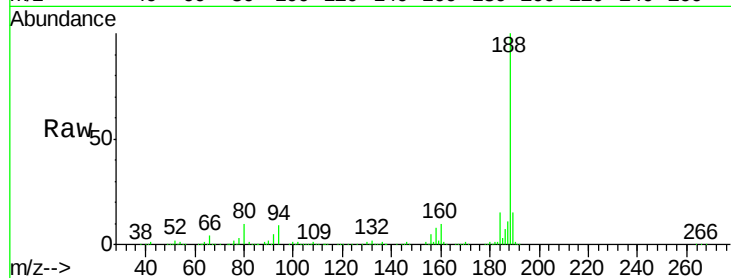
Tot Ion:188 Resp: 614319

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

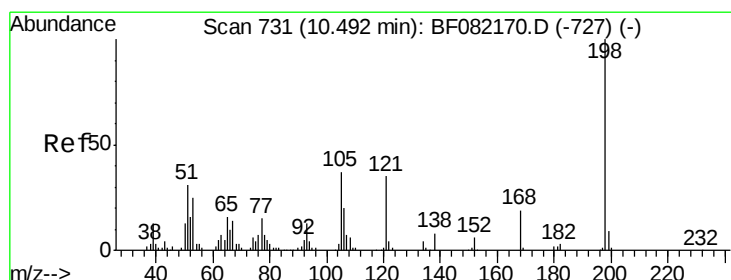
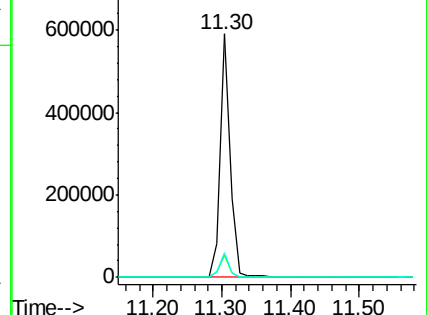
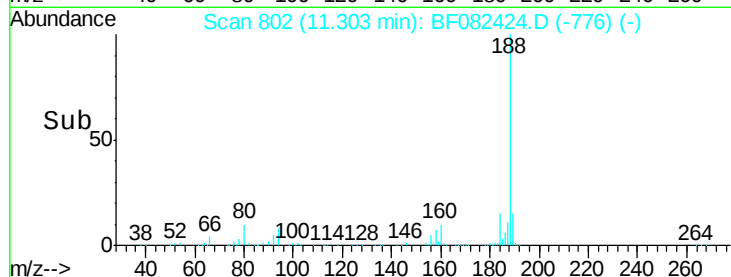
80 10.0 6.4 9.6#



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: 40.43 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

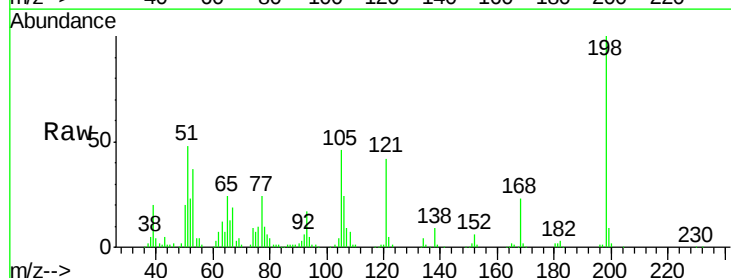
Tgt Ion:198 Resp: 139378

Ion Ratio Lower Upper

198 100

51 48.3 13.6 53.6

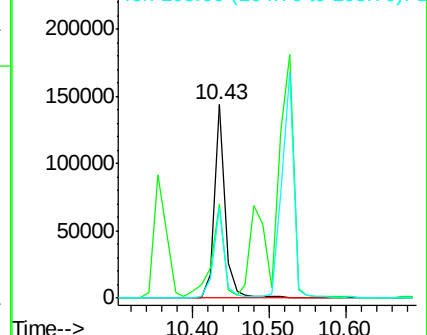
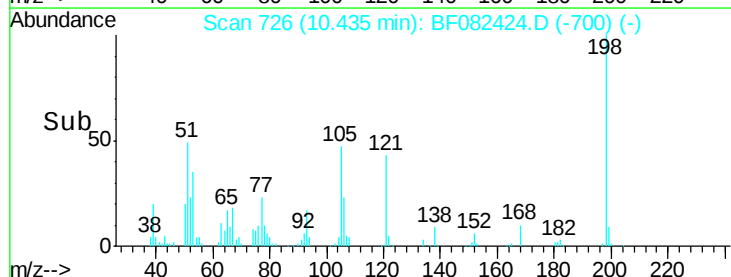
105 46.3 17.1 57.1

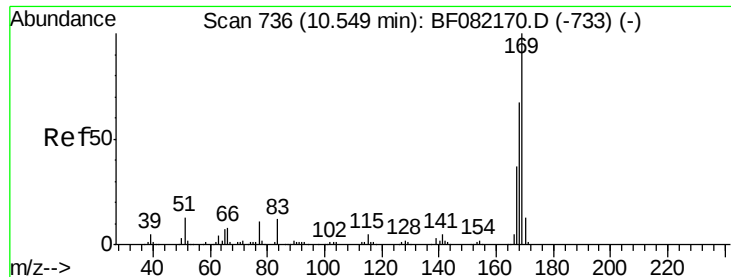


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.00 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

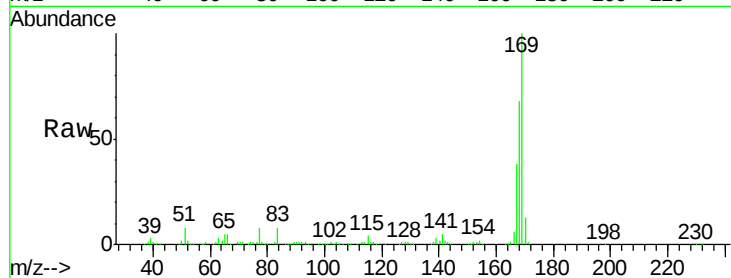
Tot Ion:169 Resp: 754125

Ion Ratio Lower Upper

169 100

168 68.3 54.0 81.0

167 37.6 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

400000

200000

0

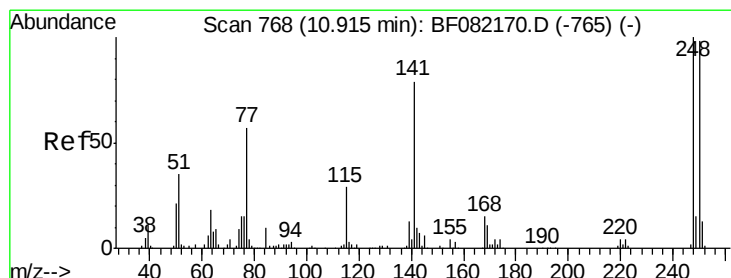
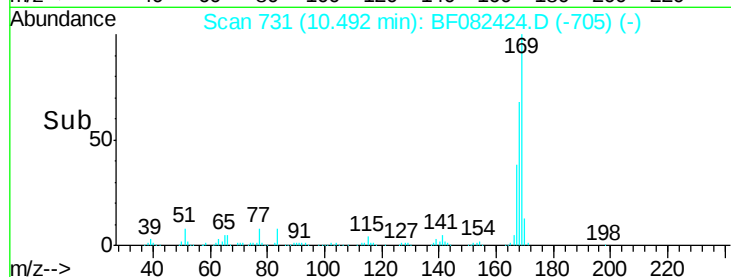
10.49

10.40

10.50

10.60

Time-->



#66

4-Bromophenyl-phenylether

Concen: 37.62 ng

RT: 10.86 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

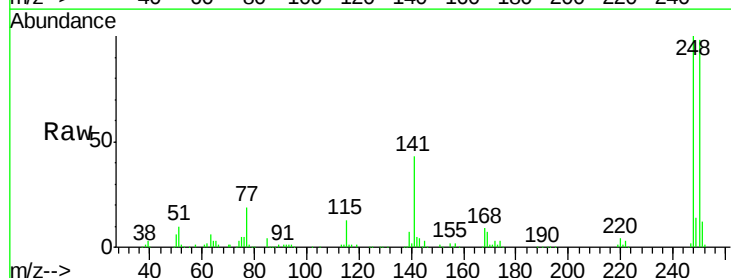
Tgt Ion:248 Resp: 231317

Ion Ratio Lower Upper

248 100

250 97.5 78.6 117.8

141 42.5 63.3 94.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

200000

150000

100000

50000

0

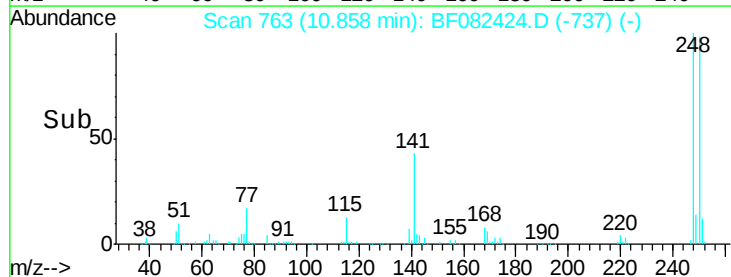
10.86

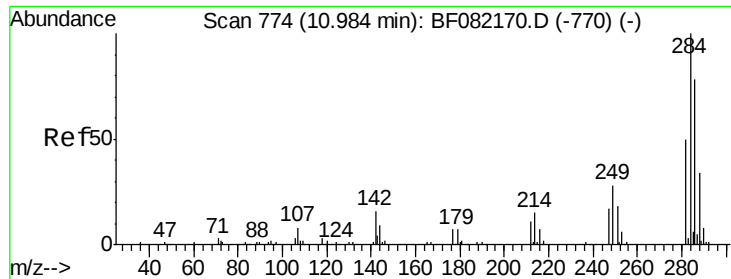
10.80

10.85

10.90

Time-->

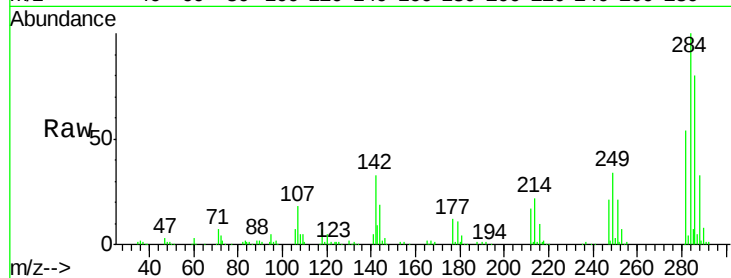




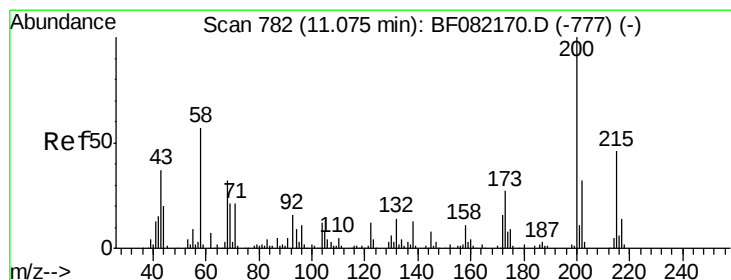
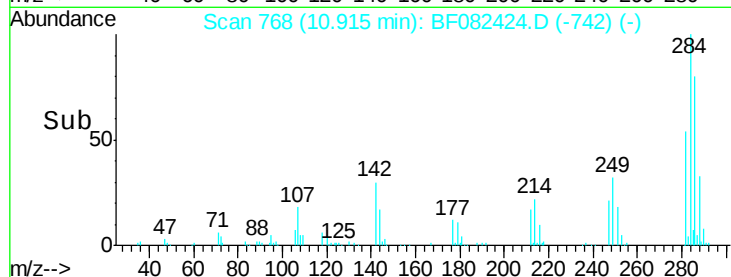
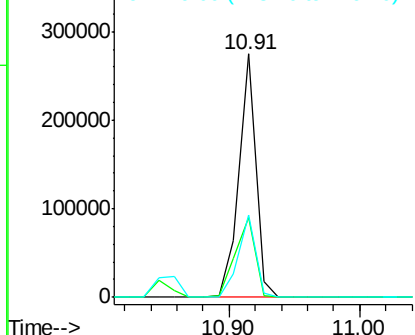
#67
Hexachlorobenzene
Concen: 37.17 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 247172
Ion Ratio Lower Upper
284 100
142 33.0 13.0 19.6#
249 33.8 22.5 33.7#

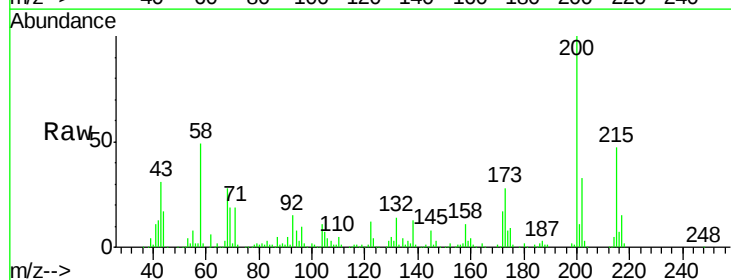


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

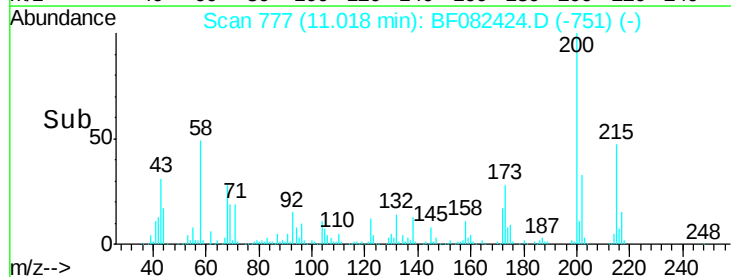
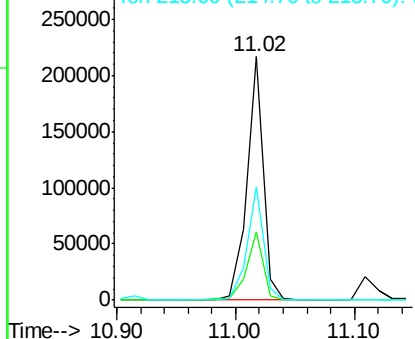


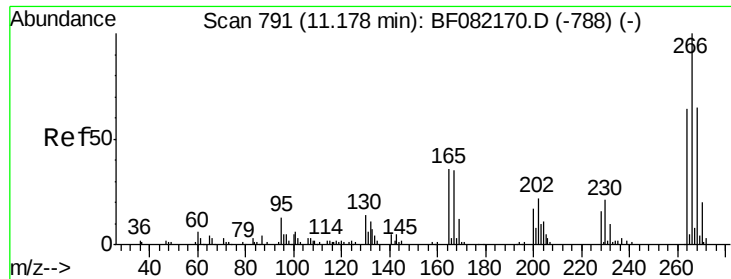
#68
Atrazine
Concen: 36.01 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:200 Resp: 209804
Ion Ratio Lower Upper
200 100
173 28.0 7.3 47.3
215 46.5 26.2 66.2



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

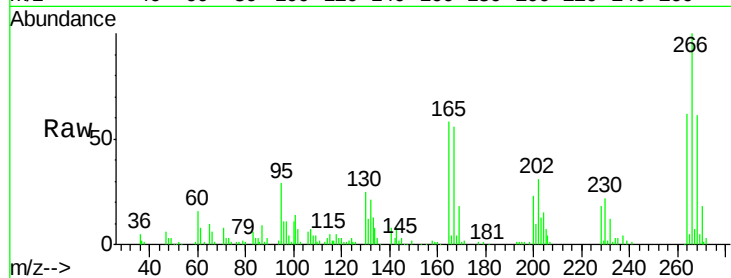




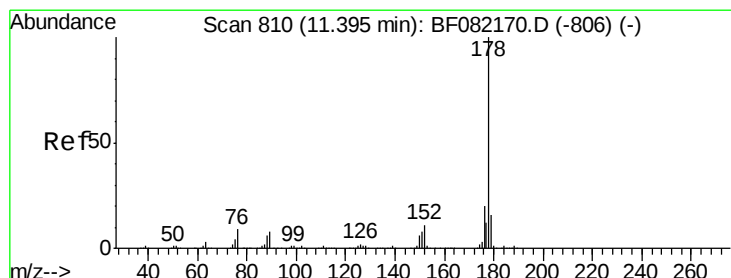
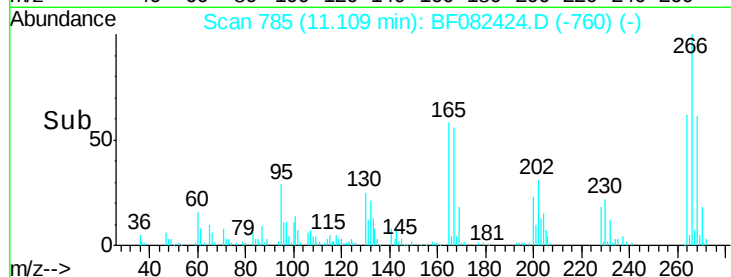
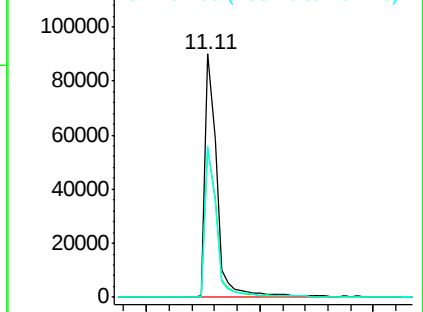
#69
 Pentachlorophenol
 Concen: 36.75 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 125727
 Ion Ratio Lower Upper
 266 100
 268 61.2 52.0 78.0
 264 62.2 51.4 77.0

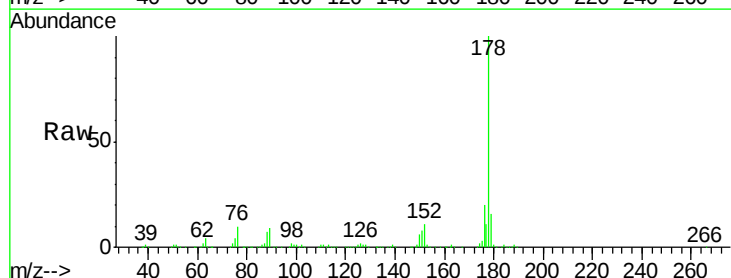


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

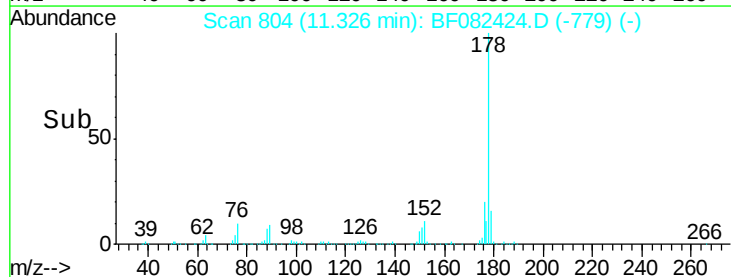
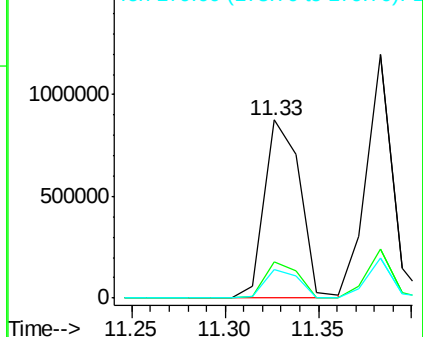


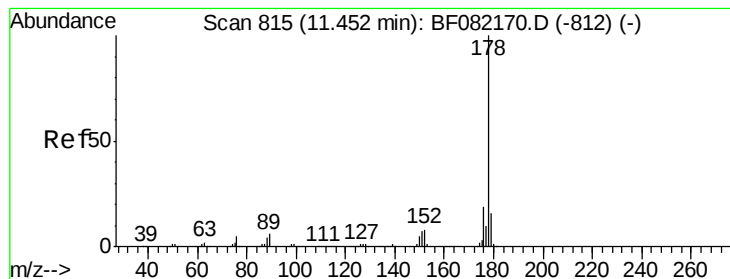
#70
 Phenanthrene
 Concen: 38.29 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:178 Resp: 1152987
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.1 12.6 19.0



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





#71

Anthracene

Concen: 38.16 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

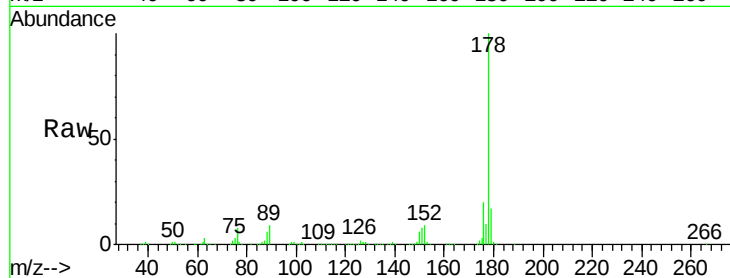
Tot Ion:178 Resp: 1184126

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

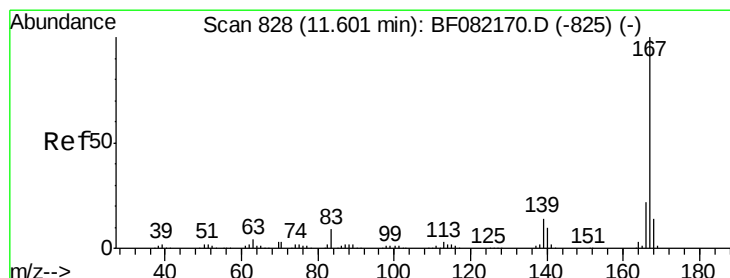
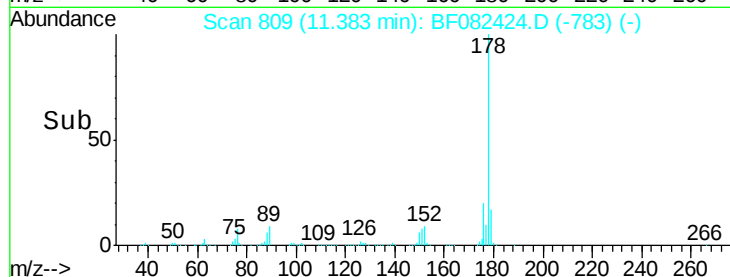
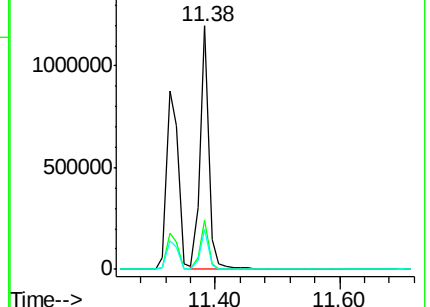
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.59 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

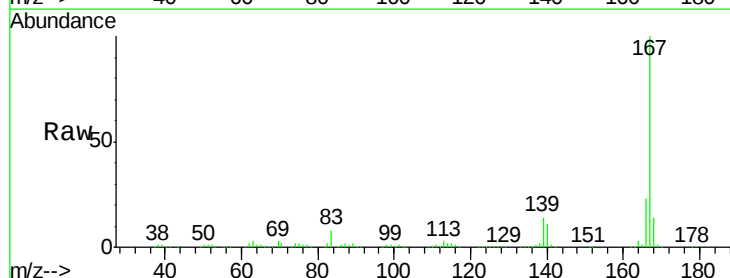
Tgt Ion:167 Resp: 1064114

Ion Ratio Lower Upper

167 100

166 22.6 17.3 25.9

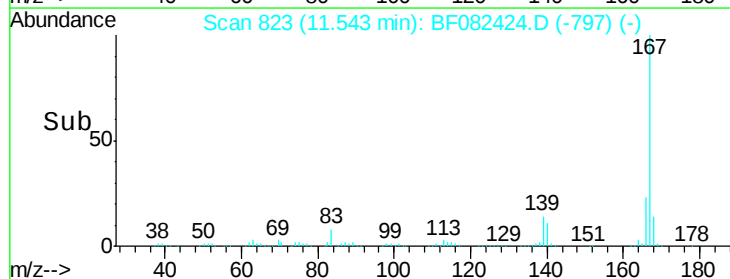
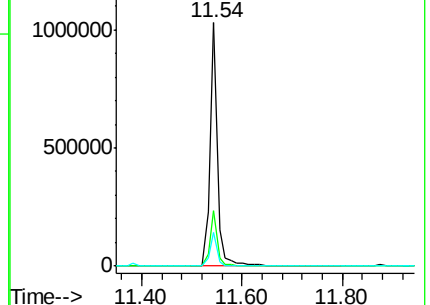
139 13.7 11.2 16.8

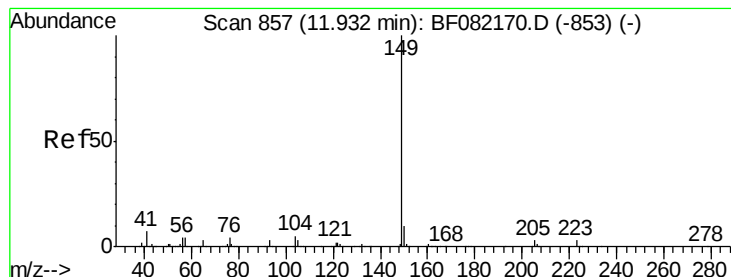


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.70 ng

RT: 11.87 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

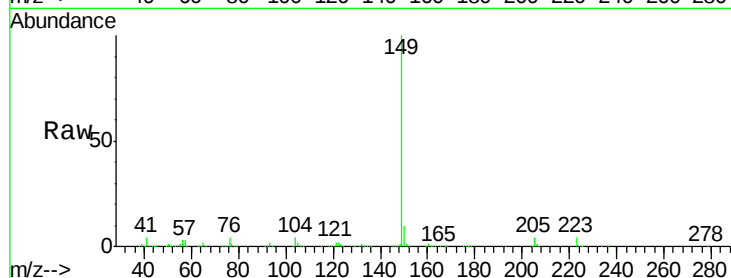
Tot Ion:149 Resp: 1421285

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

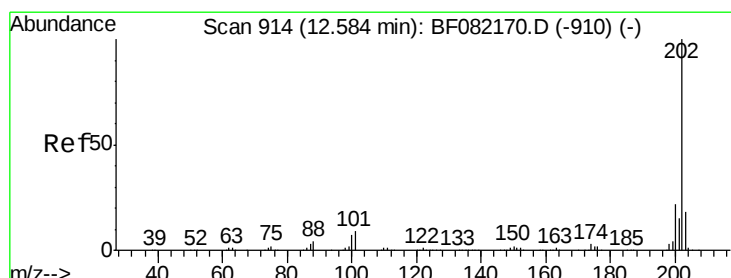
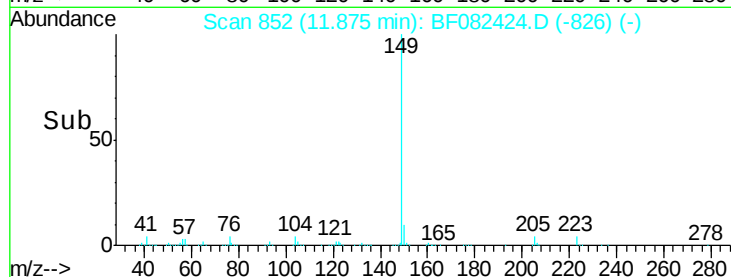
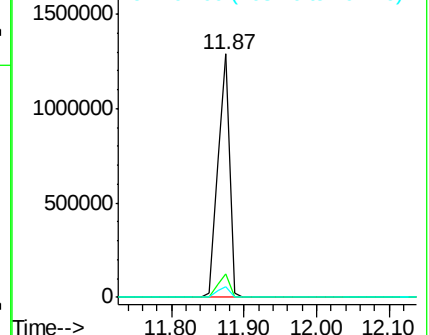
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.49 ng

RT: 12.51 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

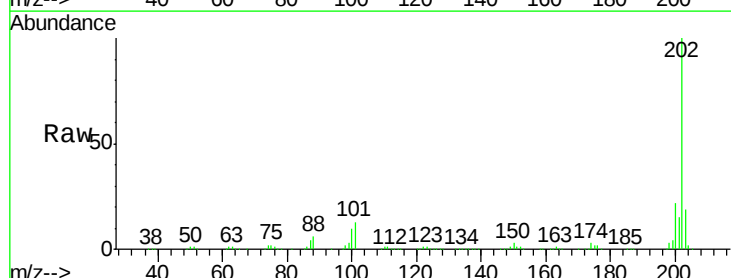
Tgt Ion:202 Resp: 1180067

Ion Ratio Lower Upper

202 100

101 12.6 0.0 29.3

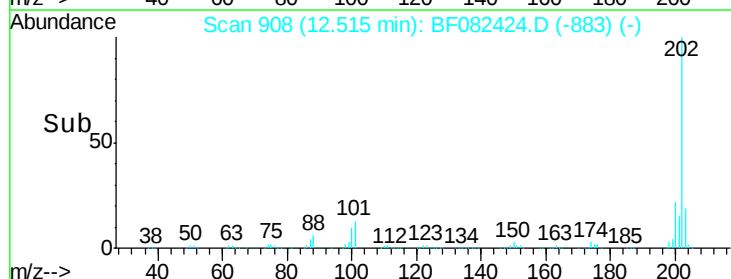
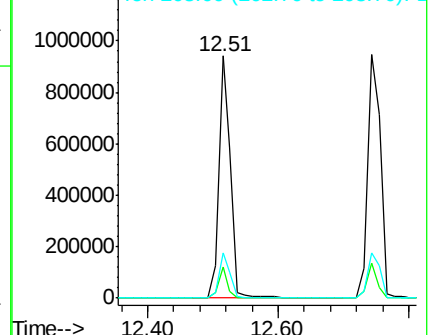
203 18.7 0.0 37.8

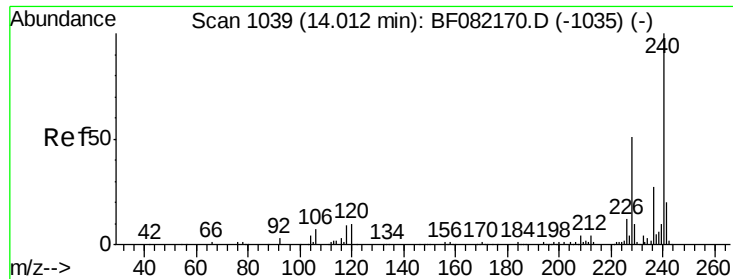


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

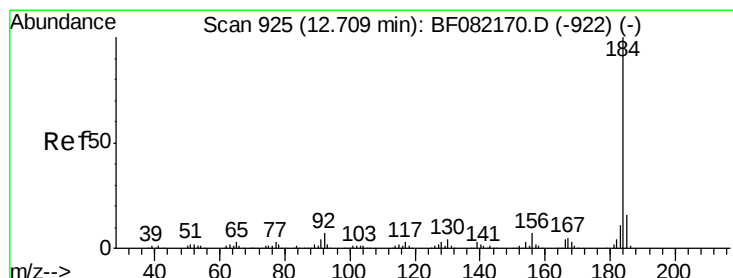
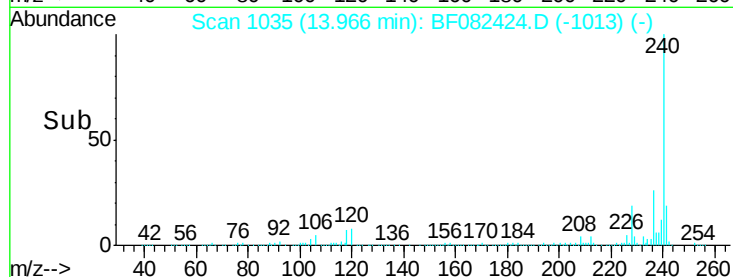
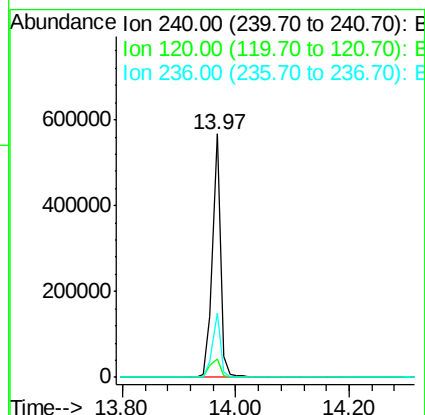
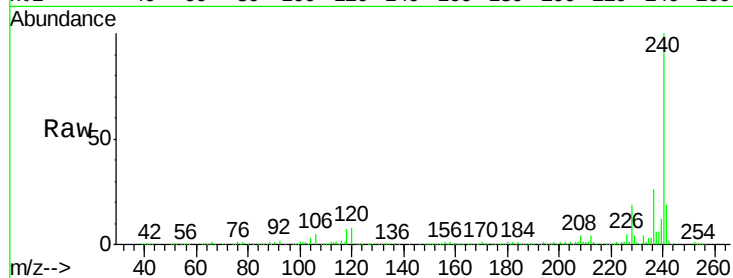




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

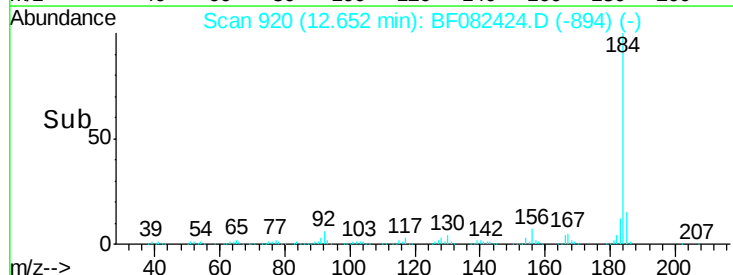
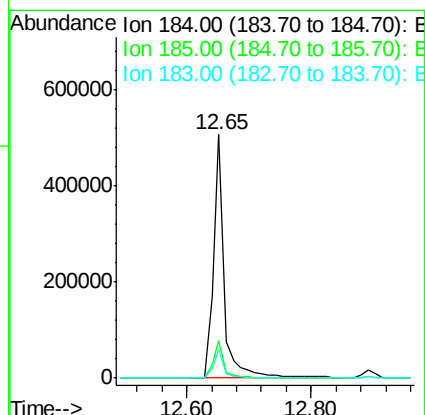
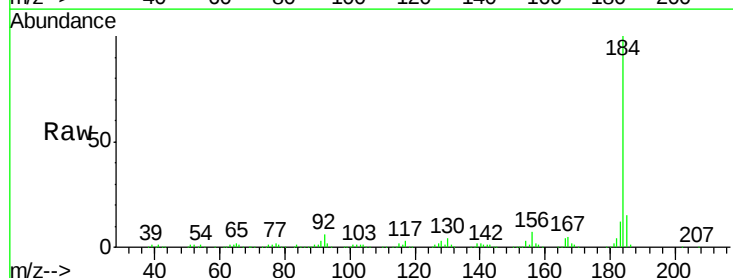
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

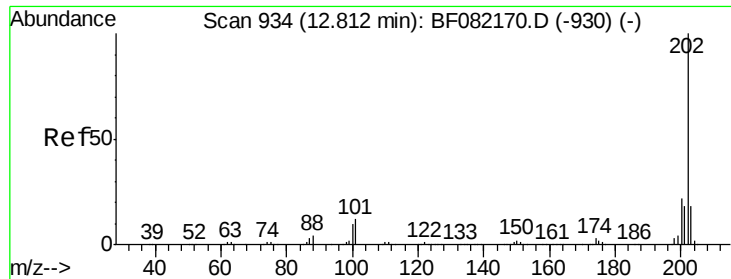
Tot Ion:240 Resp: 540041
Ion Ratio Lower Upper
240 100
120 7.6 8.1 12.1#
236 26.4 21.3 31.9



#76
Benzidine
Concen: 38.82 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:184 Resp: 607589
Ion Ratio Lower Upper
184 100
185 15.4 12.5 18.7
183 11.7 9.1 13.7

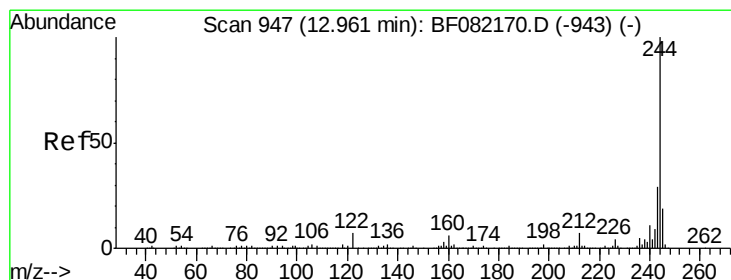
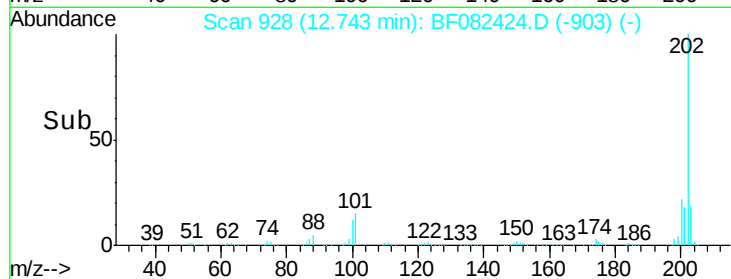
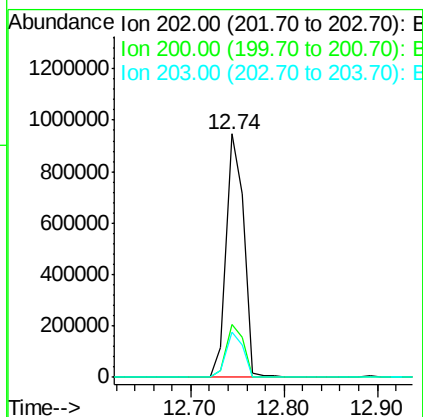
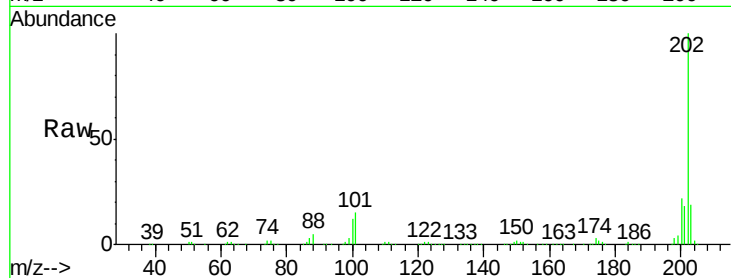




#77
Pvrene
Concen: 38.78 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

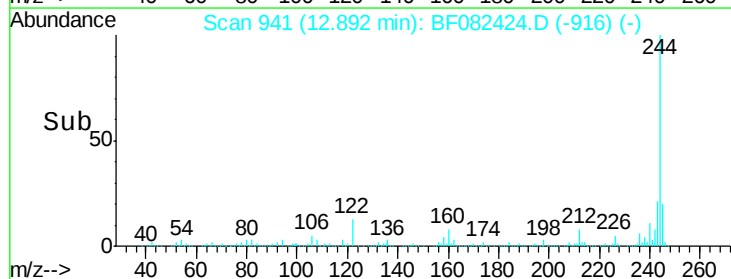
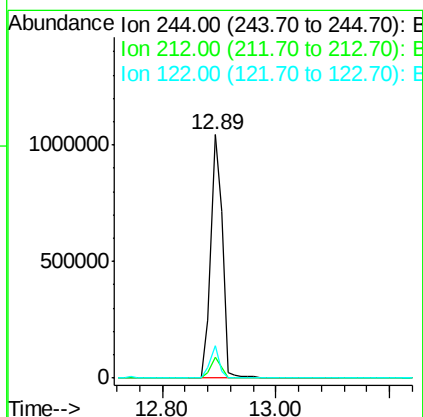
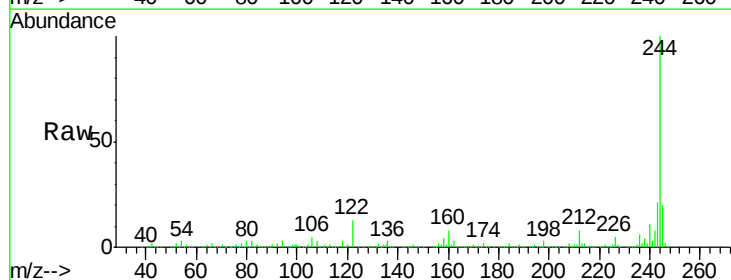
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

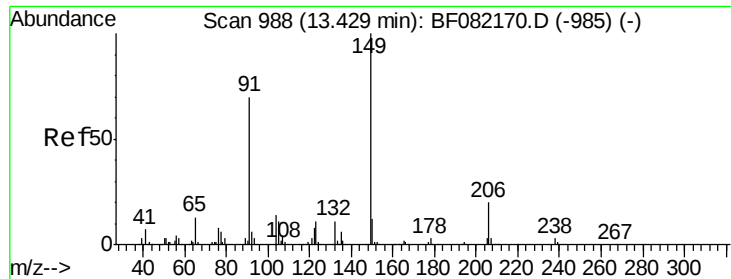
Tot Ion:202 Resp: 1243012
Ion Ratio Lower Upper
202 100
200 21.9 17.9 26.9
203 18.5 14.5 21.7



#78
Terphenyl-d14
Concen: 70.27 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:244 Resp: 1432140
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.6
122 13.1 5.9 8.9#

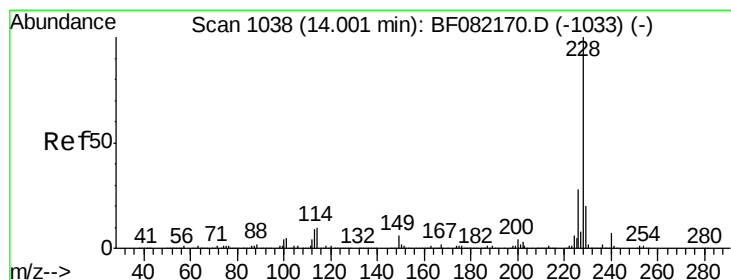
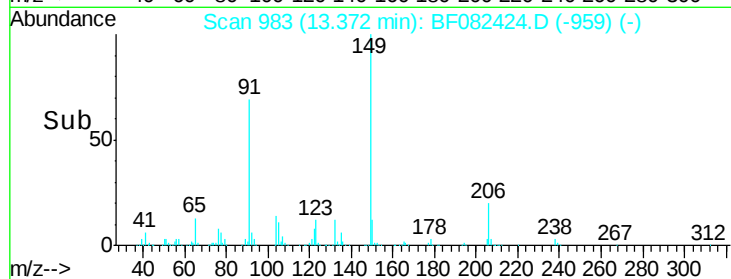
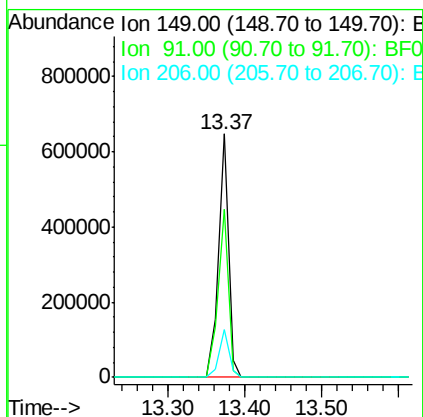
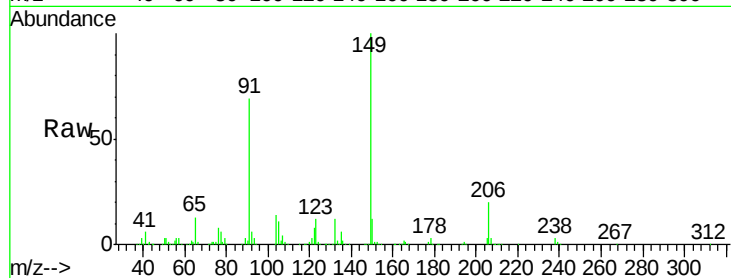




#79
Butylbenzylphthalate
Concen: 40.26 ng
RT: 13.37 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

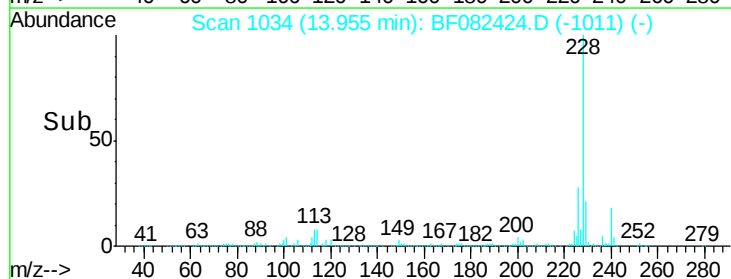
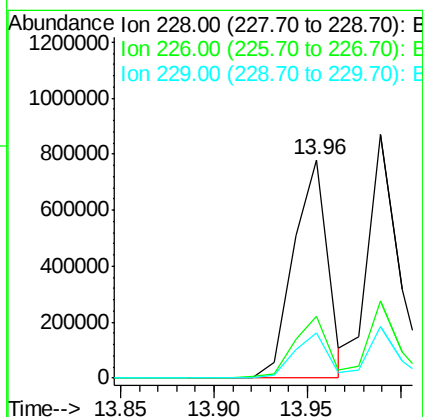
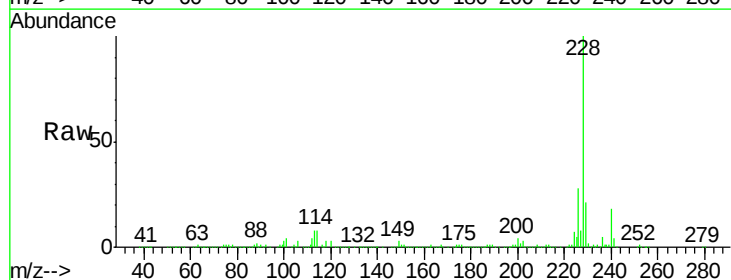
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

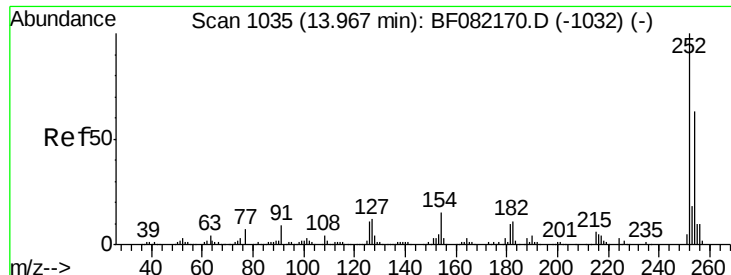
Tot Ion:149 Resp: 588868
Ion Ratio Lower Upper
149 100
91 69.1 55.7 83.5
206 19.6 15.6 23.4



#80
Benzo(a)anthracene
Concen: 35.59 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:228 Resp: 1000006
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.6 16.2 24.2

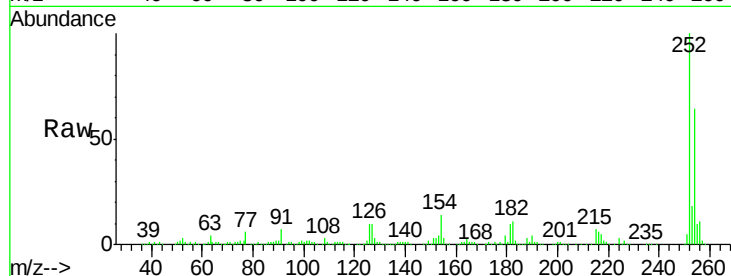




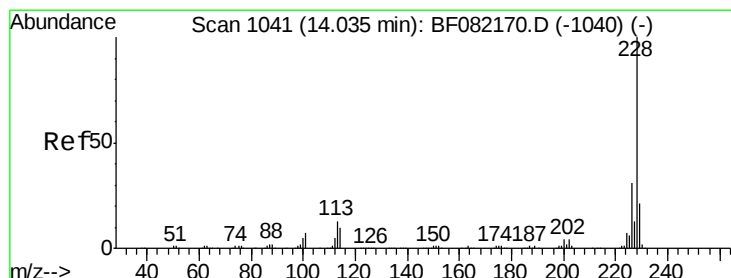
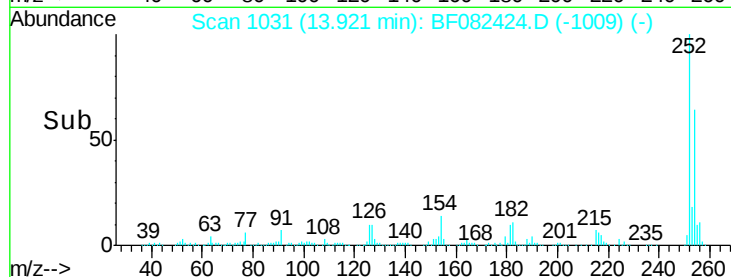
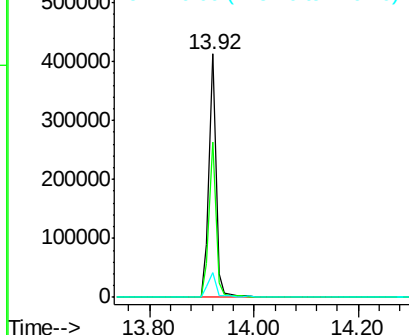
#81
 3,3'-Dichlorobenzidine
 Concen: 36.90 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 393551
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.7 76.1
 126 10.3 9.0 13.6

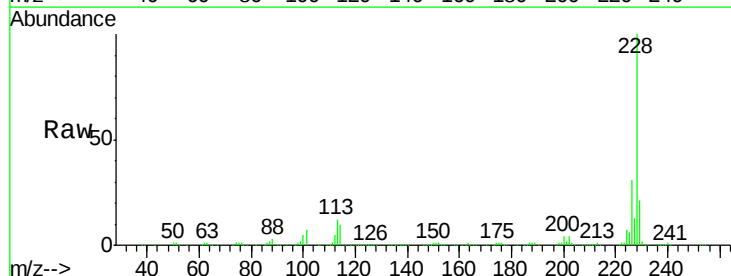


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

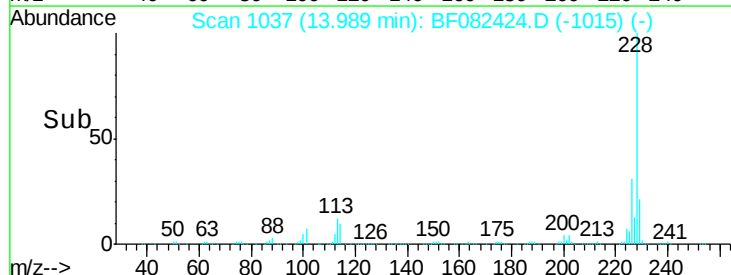
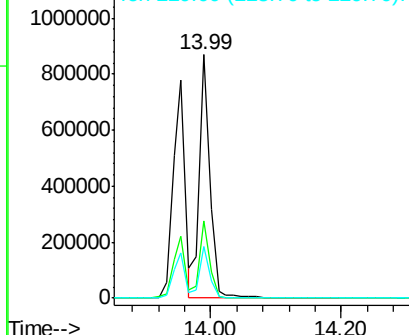


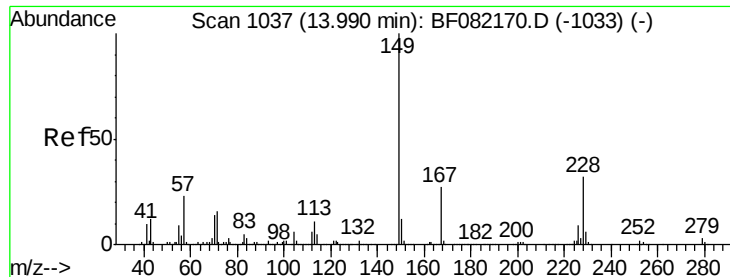
#82
 Chrysene
 Concen: 32.43 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:228 Resp: 960136
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 21.1 16.3 24.5



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

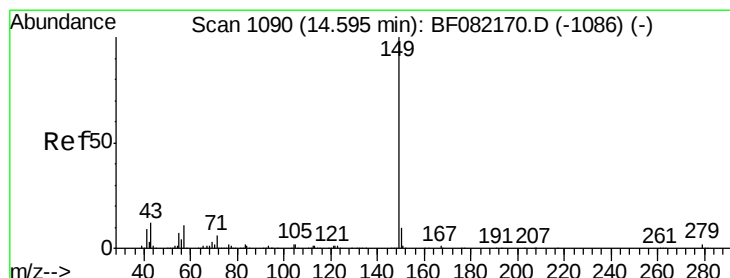
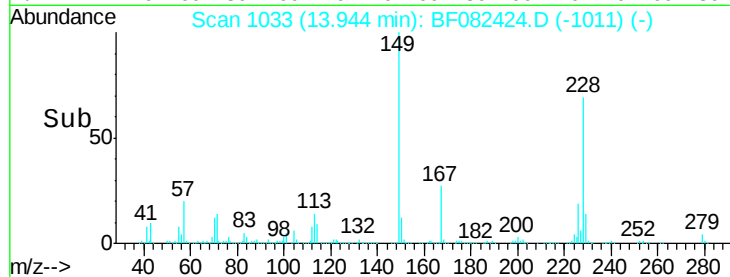
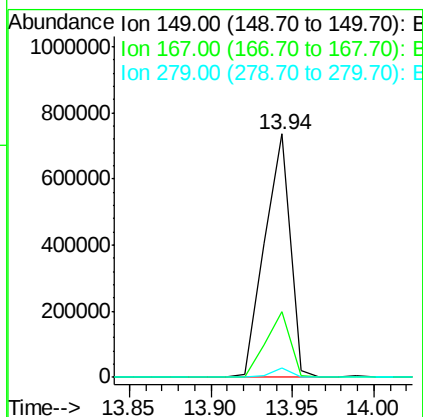
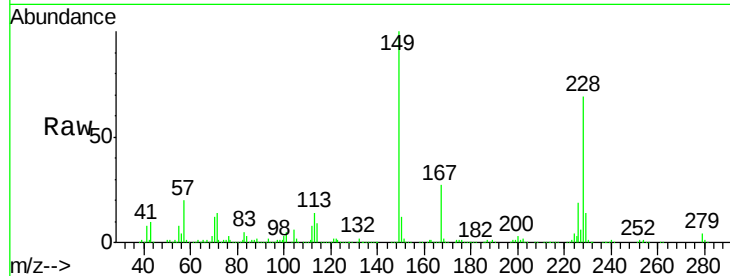




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.62 ng
 RT: 13.94 min Scan# 1033
 Delta R.T. -0.05 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

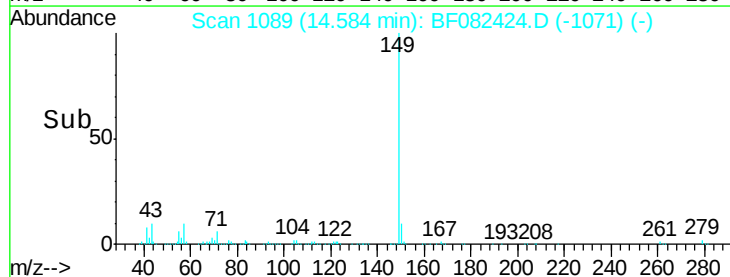
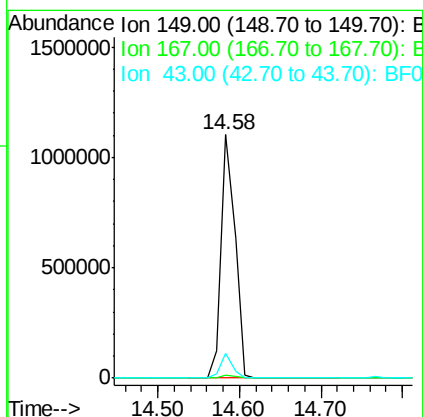
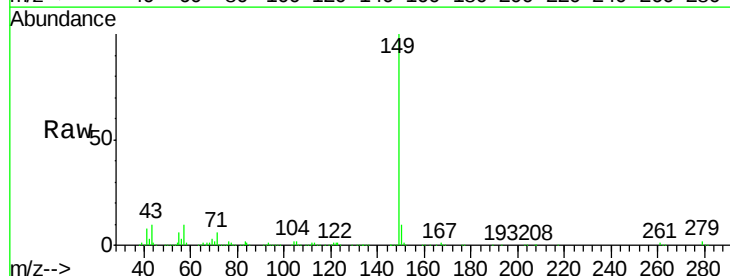
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 805922
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.7 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 36.15 ng
 RT: 14.58 min Scan# 1089
 Delta R.T. -0.09 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Tgt Ion:149 Resp: 1295535
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.3 7.4 11.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.49 ng

RT: 16.82 min Scan# 1285

Delta R.T. -0.13 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

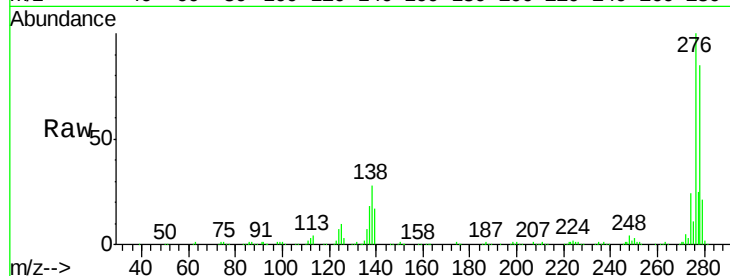
Tot Ion:276 Resp: 835074

Ion Ratio Lower Upper

276 100

138 26.8 19.7 29.5

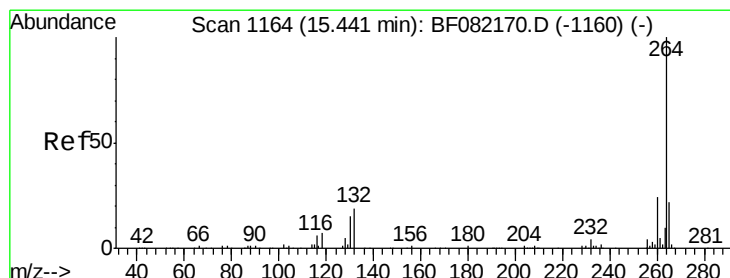
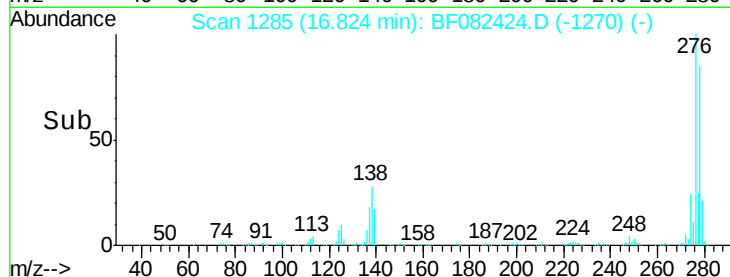
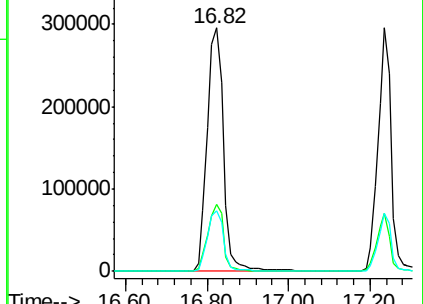
277 25.1 20.1 30.1



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: 15.43 min Scan# 1163

Delta R.T. -0.10 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

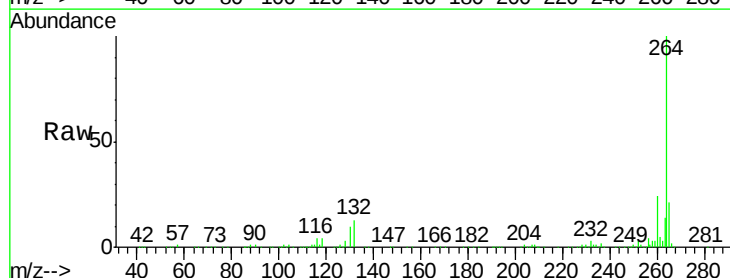
Tgt Ion:264 Resp: 411145

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

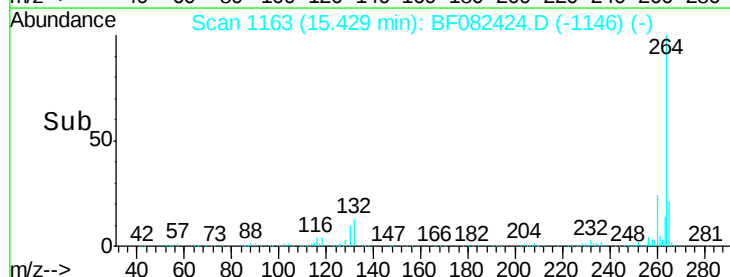
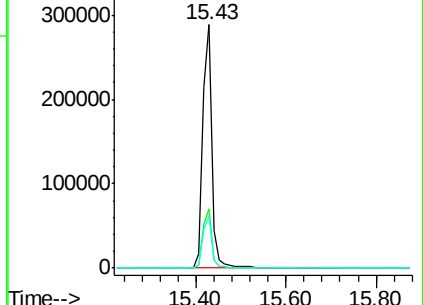
265 21.4 17.3 25.9

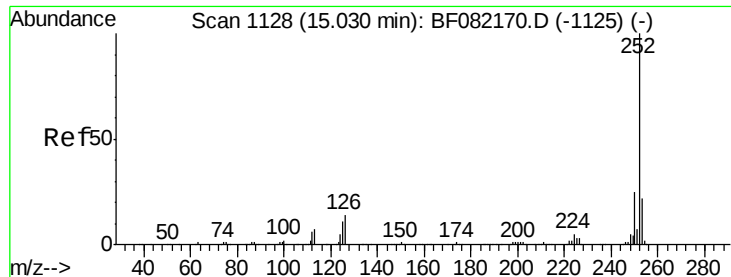


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

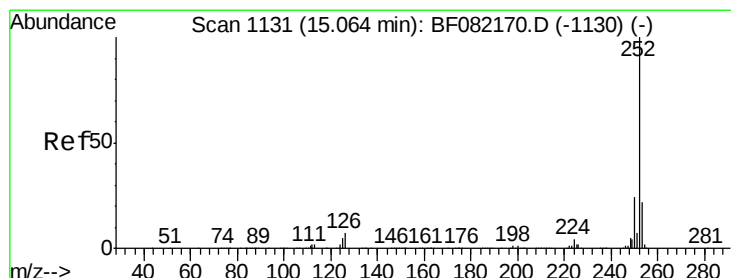
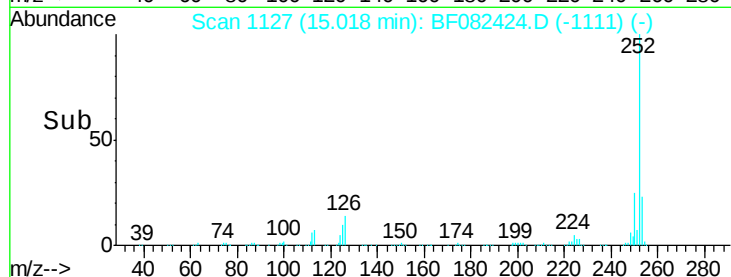
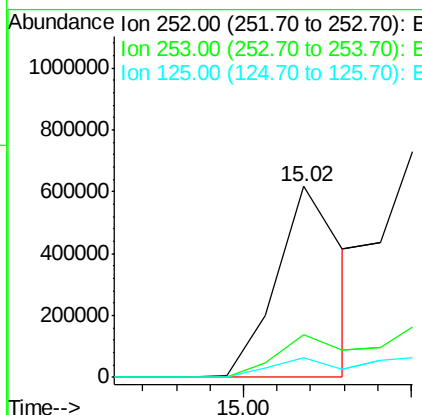
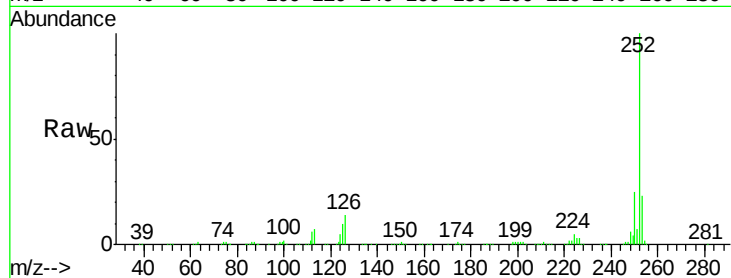




#87
Benzo(b)fluoranthene
Concen: 34.00 ng m
RT: 15.02 min Scan# 1127
Delta R.T. -0.11 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

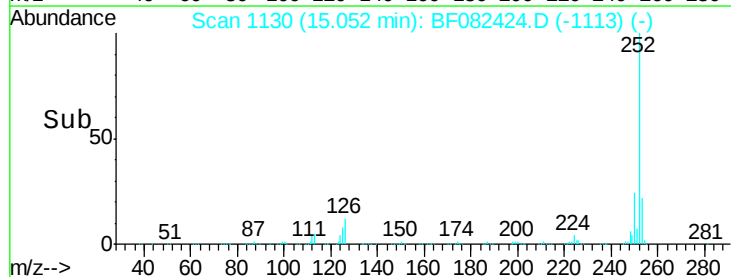
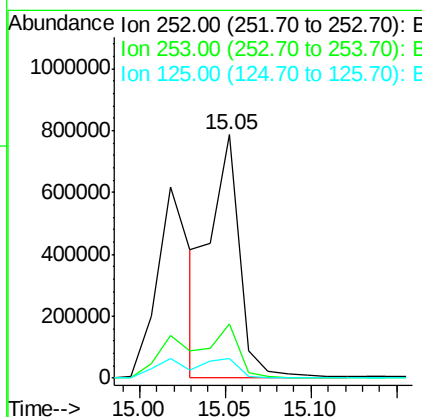
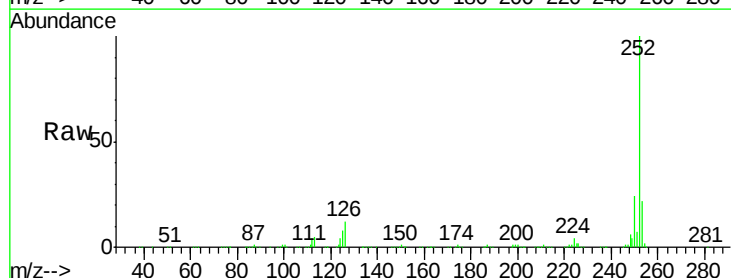
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 850351
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.4 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 44.67 ng m
RT: 15.05 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF082424.D
Acq: 22 Oct 2015 1:15

Tgt Ion:252 Resp: 939091
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.1 6.7 10.1





#89

Benzo(a)pyrene

Concen: 37.91 ng

RT: 15.37 min Scan# 1158

Delta R.T. -0.10 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

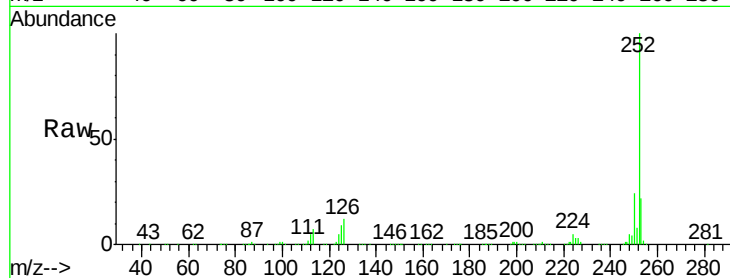
Tot Ion:252 Resp: 814966

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

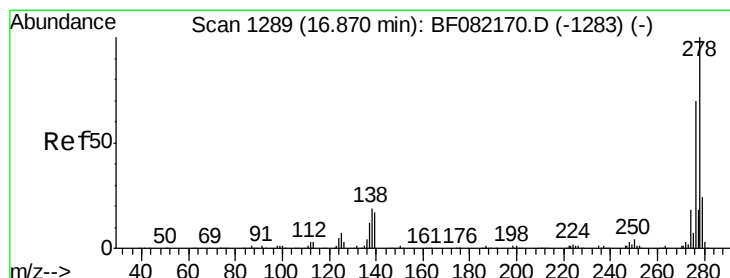
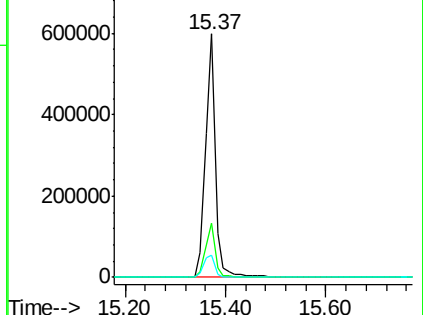
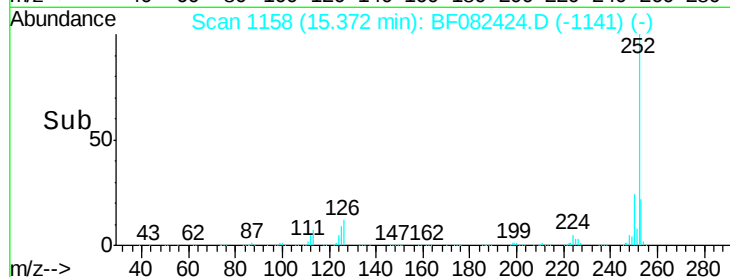
125 9.2 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.19 ng

RT: 16.84 min Scan# 1286

Delta R.T. -0.13 min

Lab File: BF082424.D

Acq: 22 Oct 2015 1:15

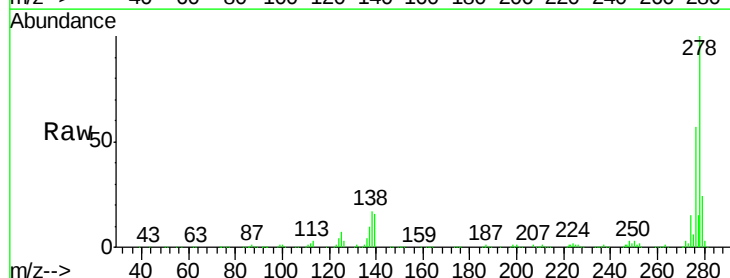
Tgt Ion:278 Resp: 690460

Ion Ratio Lower Upper

278 100

139 16.0 13.3 19.9

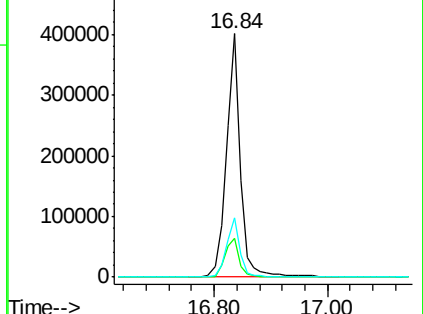
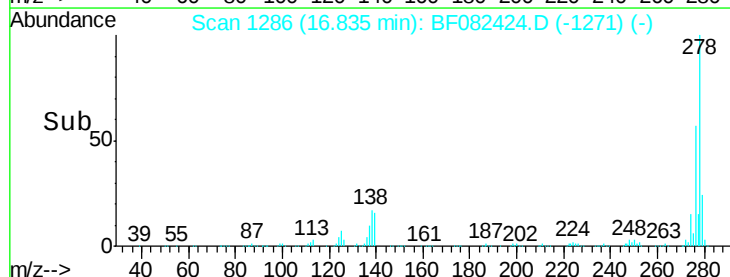
279 24.1 18.9 28.3

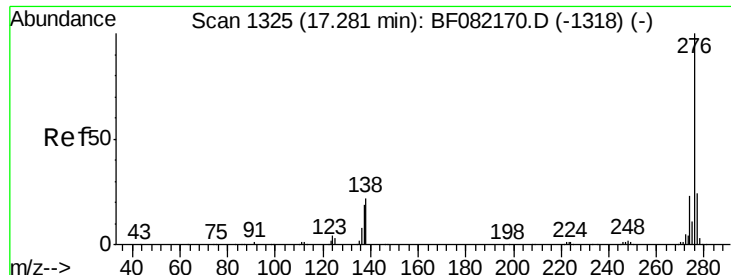


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

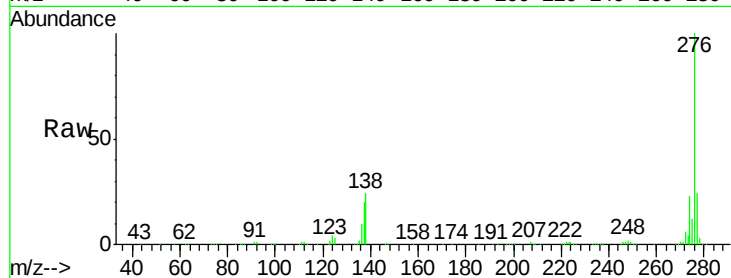




#91
 Benzo(a,h,i)perylene
 Concen: 39.89 ng
 RT: 17.24 min Scan# 1321
 Delta R.T. -0.13 min
 Lab File: BF082424.D
 Acq: 22 Oct 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.9	17.4	26.2



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

