

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083081.D
 Acq On : 20 Nov 2015 14:55
 Operator : UM/IZ
 Sample : G4452-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

Quant Time: Nov 23 15:17:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155069	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	574819	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	262742	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	419579	20.00	ng	0.00
75) Chrysene-d12	13.86	240	363866	20.00	ng	0.00
86) Perylene-d12	15.24	264	318791	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1358338	136.05	ng	0.02
7) Phenol-d6	6.36	99	1636457	124.45	ng	0.01
23) Nitrobenzene-d5	7.28	82	1212377	96.56	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	214933	77.05	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1840433	94.34	ng	-0.01
78) Terphenyl-d14	12.81	244	1376405	89.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	171999	37.99	ng	99
3) Pyridine	2.91	79	497989	40.58	ng	98
4) n-Nitrosodimethylamine	2.85	42	263763	42.49	ng	98
6) Aniline	6.36	93	555772	30.90	ng	# 93
8) 2-Chlorophenol	6.49	128	444737	39.94	ng	89
9) Benzaldehyde	6.24	77	440705	85.08	ng	97
10) Phenol	6.37	94	577603	37.70	ng	81
11) bis(2-Chloroethyl)ether	6.44	93	472541	42.45	ng	98
12) 1,3-Dichlorobenzene	6.65	146	537921	43.15	ng	100
13) 1,4-Dichlorobenzene	6.72	146	496491	39.33	ng	99
14) 1,2-Dichlorobenzene	6.88	146	540555	46.33	ng	98
15) Benzyl Alcohol	6.85	79	513571	47.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	765842	44.13	ng	77
17) 2-Methylphenol	6.98	107	377646	40.61	ng	97
18) Hexachloroethane	7.22	117	154336	33.26	ng	# 90
19) n-Nitroso-di-n-propylamine	7.13	70	385804	40.15	ng	98
20) 3+4-Methylphenols	7.14	107	495905	40.91	ng	98
22) Acetophenone	7.12	105	699755	43.46	ng	98
24) Nitrobenzene	7.29	77	497883	39.31	ng	98
25) Isophorone	7.54	82	1046450	44.19	ng	97
26) 2-Nitrophenol	7.61	139	113534	20.50	ng	91
27) 2,4-Dimethylphenol	7.66	122	380805	41.60	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	662213	49.91	ng	98
29) 2,4-Dichlorophenol	7.86	162	362993	40.91	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	448129	45.60	ng	99
31) Naphthalene	8.02	128	1715526	57.28	ng	100
32) Benzoic acid	7.74	122	23515	4.22	ng	# 86
33) 4-Chloroaniline	8.06	127	391548	30.06	ng	99
34) Hexachlorobutadiene	8.14	225	279553	45.52	ng	99
35) Caprolactam	8.44	113	109904	38.96	ng	97
36) 4-Chloro-3-methylphenol	8.57	107	396804	38.69	ng	92
37) 2-Methylnaphthalene	8.72	142	1564503	78.46	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	417300	48.16	ng	99
40) Hexachlorocyclopentadiene	8.86	237	114223	28.29	ng	99

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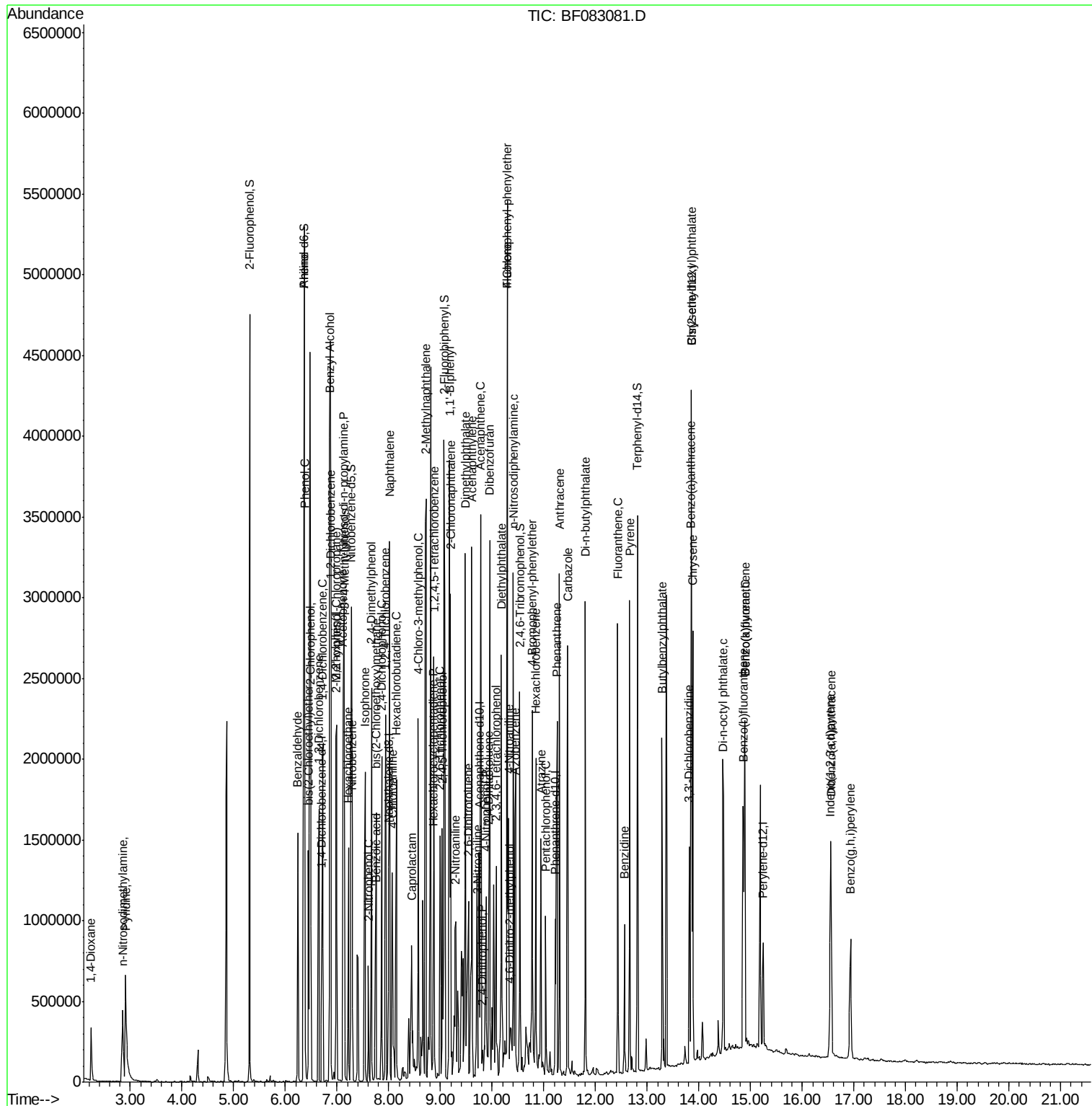
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	220384	35.05	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	230549	36.78	nq	# 88
45) 1,1'-Biphenyl	9.17	154	1040336	45.01	nq	100
46) 2-Chloronaphthalene	9.20	162	867955	49.35	nq	99
47) 2-Nitroaniline	9.29	65	287204	43.29	nq	97
48) Acenaphthylene	9.61	152	1208742	41.75	nq	98
49) Dimethylphthalate	9.48	163	1367294	63.23	nq	99
50) 2,6-Dinitrotoluene	9.54	165	144308	30.96	nq	94
51) Acenaphthene	9.78	154	715239	39.09	nq	99
52) 3-Nitroaniline	9.71	138	246220	46.30	nq	# 65
53) 2,4-Dinitrophenol	9.81	184	16151	6.80	nq	# 84
54) Dibenzofuran	9.95	168	1063597	43.38	nq	99
55) 4-Nitrophenol	9.88	139	138545	37.96	nq	# 84
56) 2,4-Dinitrotoluene	9.94	165	183729	29.45	nq	# 86
57) Fluorene	10.29	166	869781	44.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	154581	30.51	nq	# 99
59) Diethylphthalate	10.18	149	915584	43.42	nq	100
60) 4-Chlorophenyl-phenylether	10.29	204	422414	45.72	nq	99
61) 4-Nitroaniline	10.32	138	235373	43.34	nq	98
62) Azobenzene	10.44	77	1017303	43.07	nq	83
64) 4,6-Dinitro-2-methylphenol	10.35	198	18882	7.06	nq	# 1
65) n-Nitrosodiphenylamine	10.41	169	733078	49.86	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	222030	45.69	nq	98
67) Hexachlorobenzene	10.84	284	243567	45.82	nq	99
68) Atrazine	10.94	200	226523	49.18	nq	96
69) Pentachlorophenol	11.04	266	110003	40.55	nq	98
70) Phenanthrene	11.25	178	1182954	46.73	nq	100
71) Anthracene	11.30	178	1091058	42.79	nq	100
72) Carbazole	11.46	167	1051938	47.19	nq	100
73) Di-n-butylphthalate	11.80	149	1327557	47.23	nq	100
74) Fluoranthene	12.43	202	1050444	39.82	nq	99
76) Benzidine	12.56	184	339060	28.48	nq	97
77) Pyrene	12.66	202	1149091	44.86	nq	100
79) Butylbenzylphthalate	13.29	149	496967	43.90	nq	99
80) Benzo(a)anthracene	13.85	228	1102054	47.66	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	255460	32.82	nq	97
82) Chrysene	13.88	228	826557	38.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	724071	48.92	nq	100
84) Di-n-octyl phthalate	14.48	149	1184577	49.13	nq	98
85) Indeno(1,2,3-cd)pyrene	16.55	276	773756	44.85	nq	100
87) Benzo(b)fluoranthene	14.85	252	1111237m	49.85	nq	
88) Benzo(k)fluoranthene	14.89	252	666301m	39.24	nq	
89) Benzo(a)pyrene	14.89	252	671013m	37.51	nq	
90) Dibenzo(a,h)anthracene	16.56	278	659346	42.36	nq	98
91) Benzo(g,h,i)perylene	16.93	276	615753	40.55	nq	98

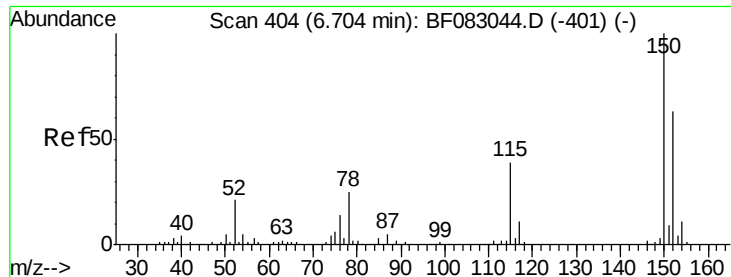
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

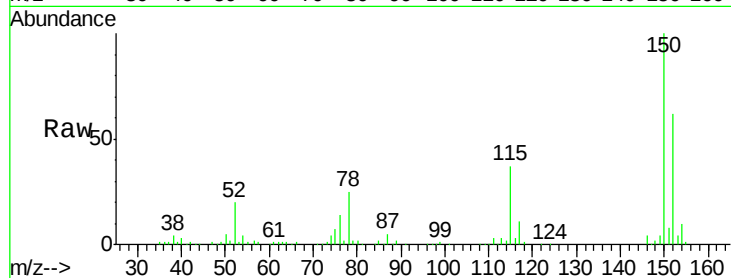
Tot Ion:152 Resp: 155069

Ion Ratio Lower Upper

152 100

150 160.0 126.4 189.6

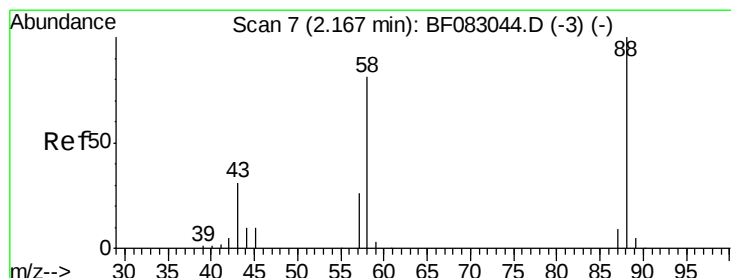
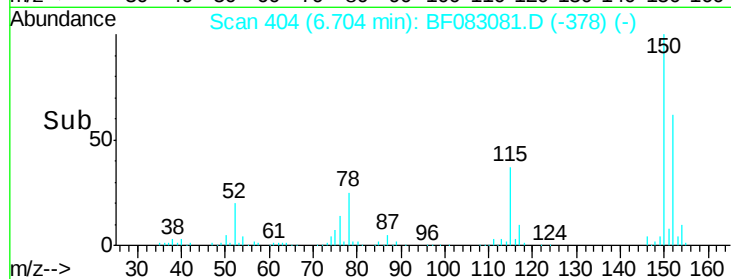
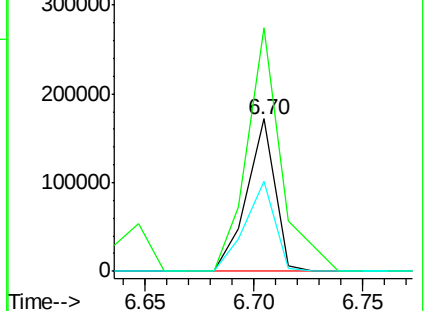
115 59.2 49.0 73.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.99 ng

RT: 2.24 min Scan# 13

Delta R.T. 0.07 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

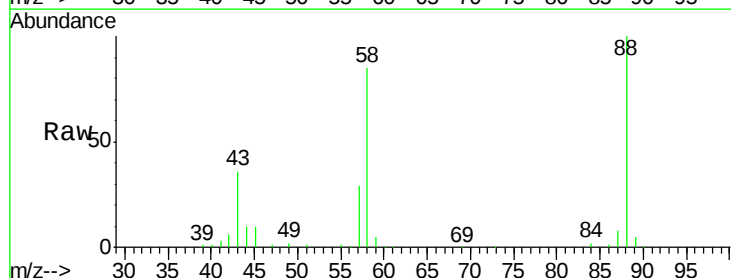
Tgt Ion: 88 Resp: 171999

Ion Ratio Lower Upper

88 100

58 81.7 64.8 97.2

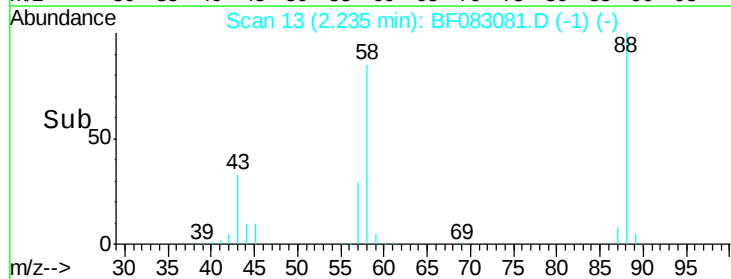
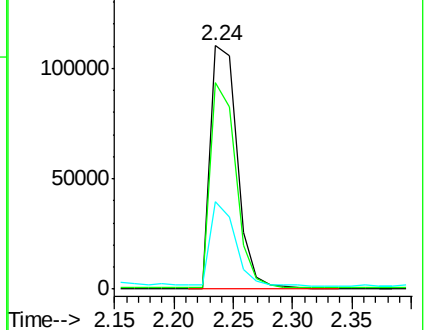
43 33.0 26.2 39.4

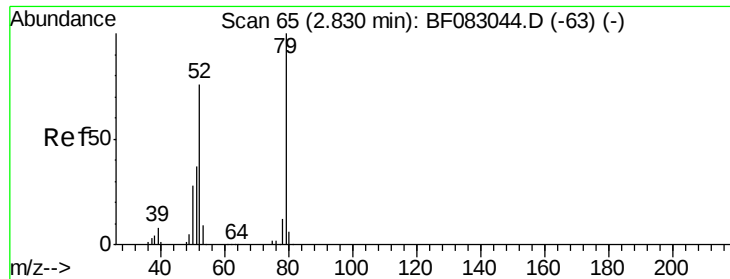


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

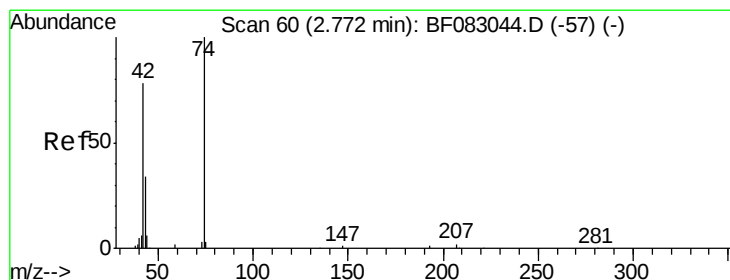
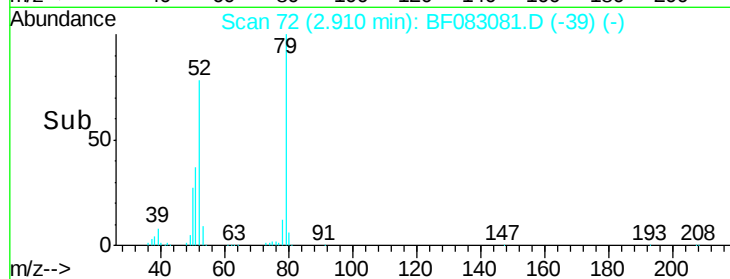
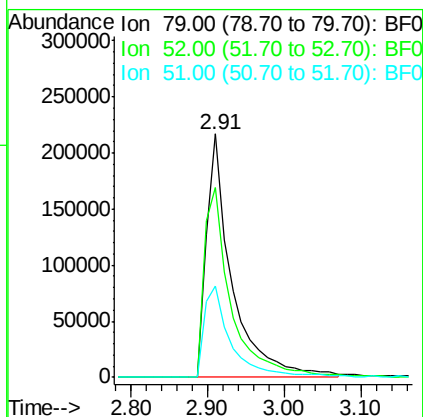
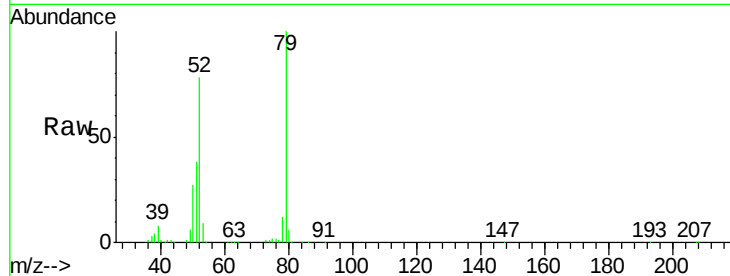




#3
 Pvridine
 Concen: 40.58 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.08 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

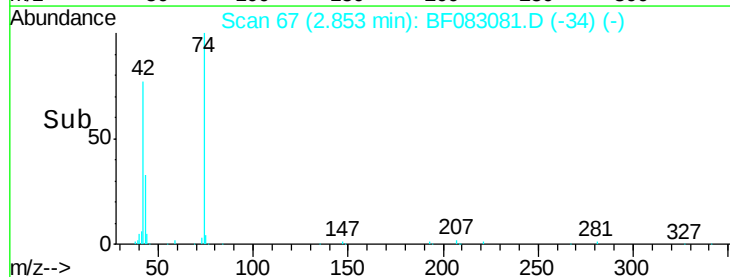
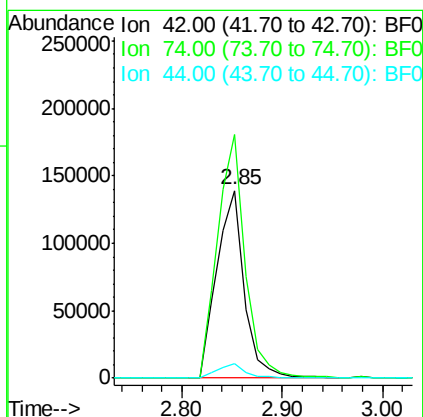
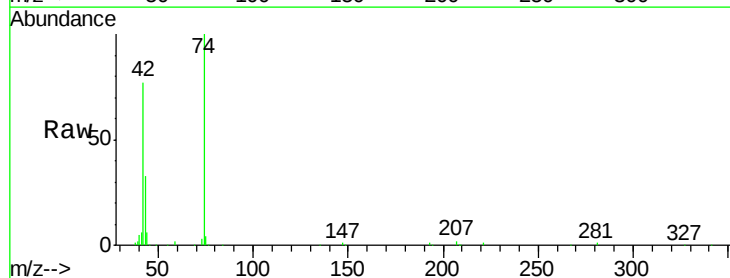
Instrument :
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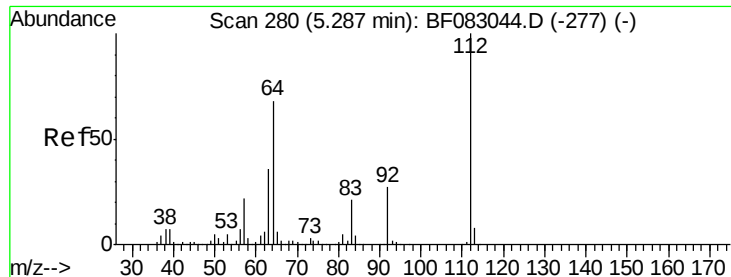
Tot Ion	Ratio	Lower	Upper
79	100		
52	78.2	61.0	91.4
51	37.6	30.0	45.0



#4
 n-Nitrosodimethylamine
 Concen: 42.49 ng
 RT: 2.85 min Scan# 67
 Delta R.T. 0.08 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.9	102.4	153.6
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 136.05 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

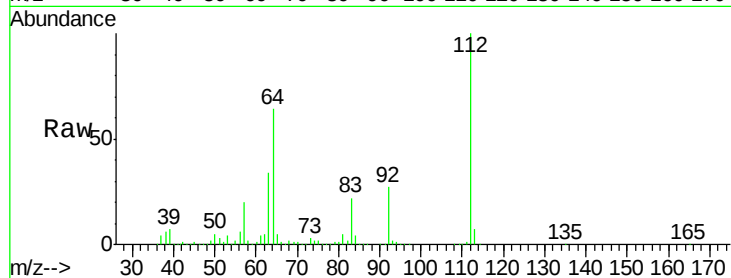
Tot Ion:112 Resp: 1358338

Ion Ratio Lower Upper

112 100

64 63.6 54.8 82.2

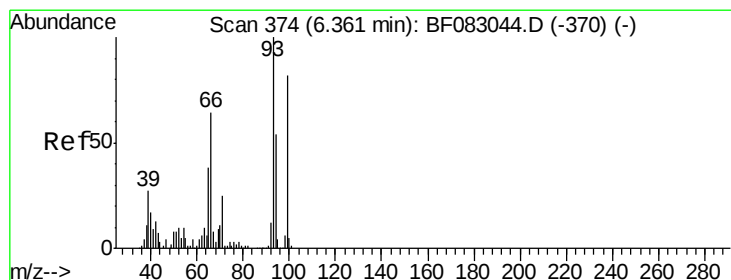
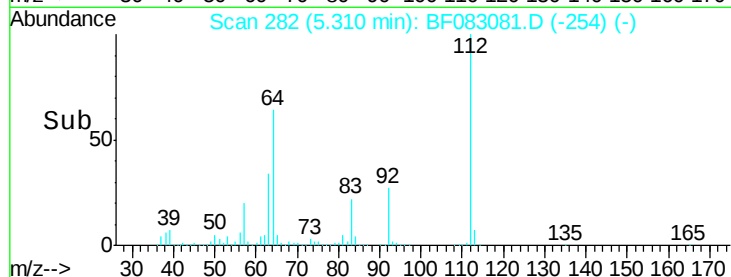
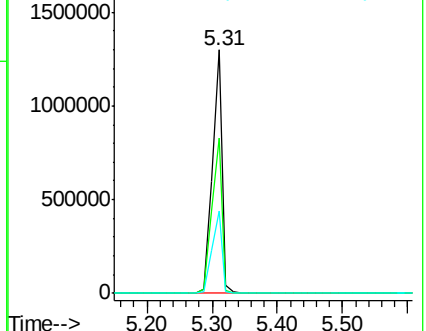
63 33.6 29.0 43.4



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: 30.90 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

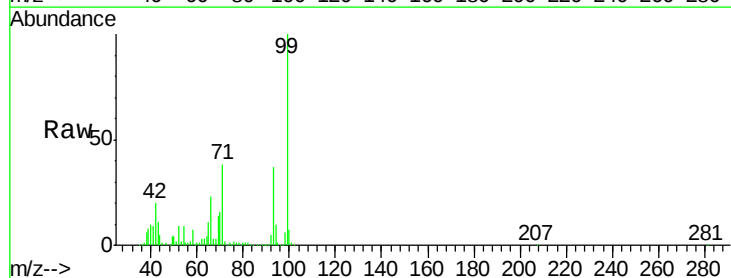
Tgt Ion: 93 Resp: 555772

Ion Ratio Lower Upper

93 100

66 62.4 51.4 77.2

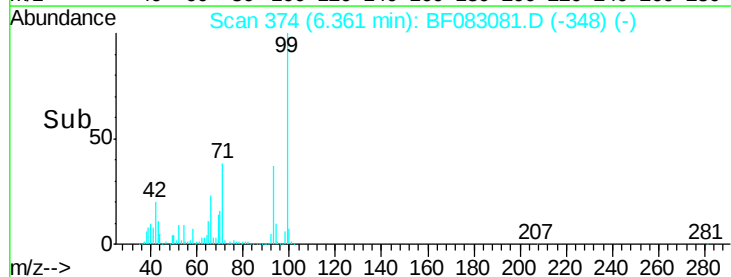
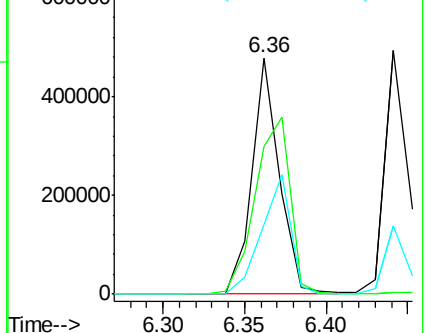
65 29.7 30.7 46.1#

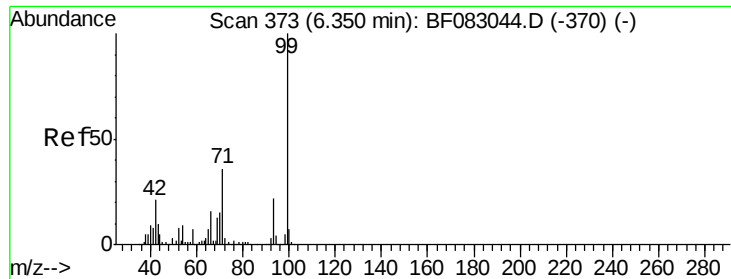


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.45 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

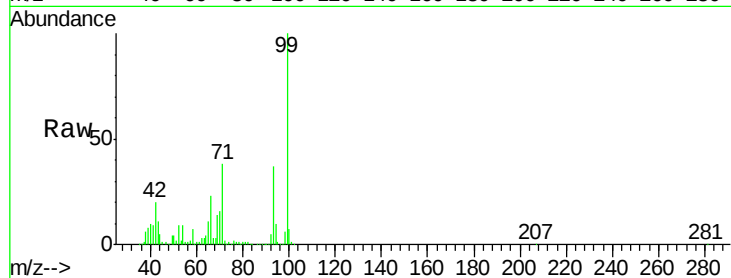
BNA_F

ClientSampleId :

RW-20151116-04MS

Tot Ion: 99 Resp: 1636457

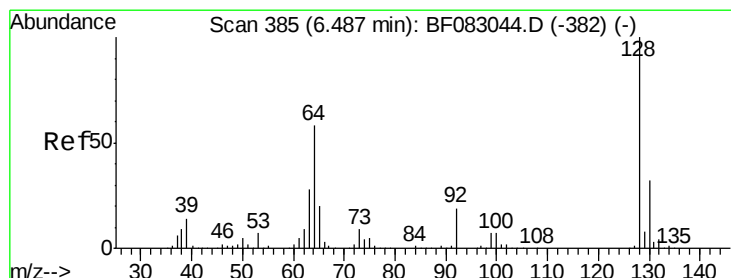
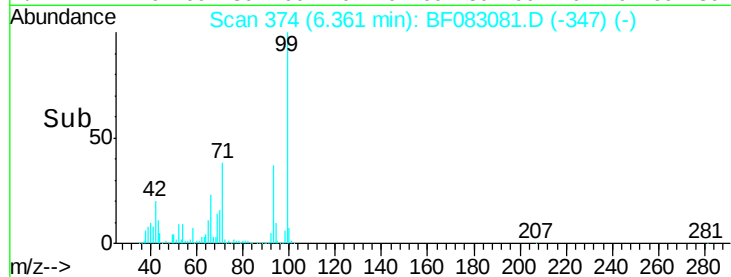
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	25.0
71	37.7	29.2	43.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.94 ng

RT: 6.49 min Scan# 385

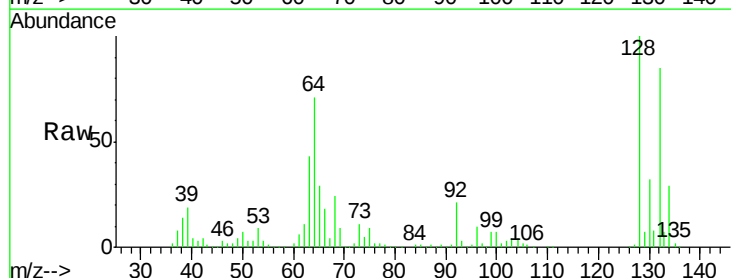
Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Tgt Ion:128 Resp: 444737

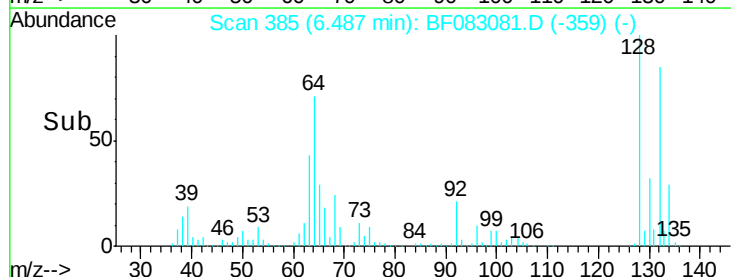
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	70.7	38.3	78.3

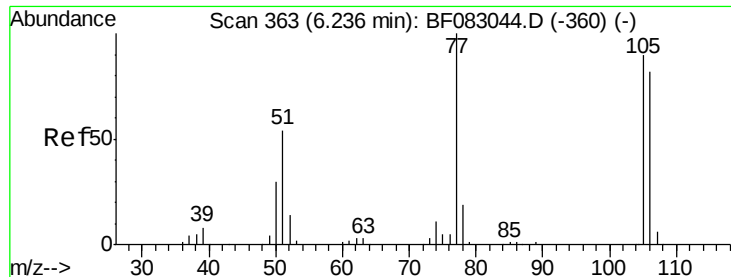


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 85.08 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

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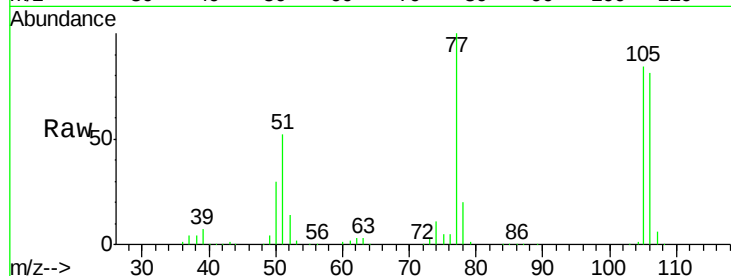
Tot Ion: 77 Resp: 440705

Ion Ratio Lower Upper

77 100

105 84.1 69.6 109.6

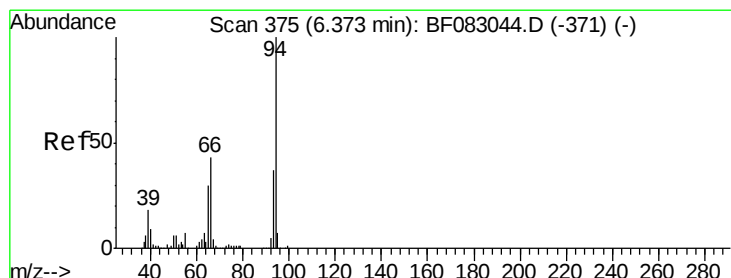
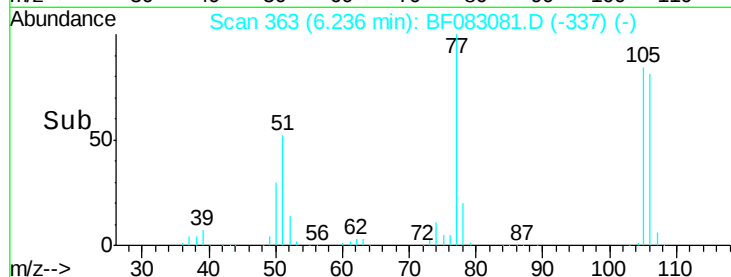
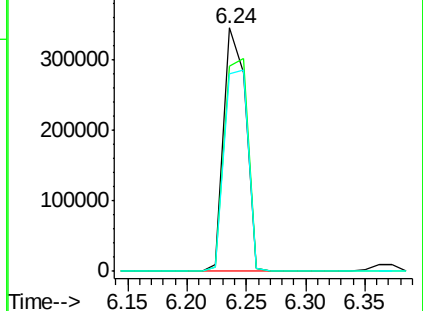
106 81.3 62.0 102.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.70 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

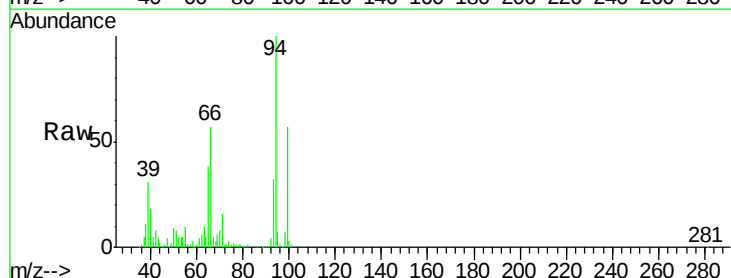
Tgt Ion: 94 Resp: 577603

Ion Ratio Lower Upper

94 100

65 38.4 10.1 50.1

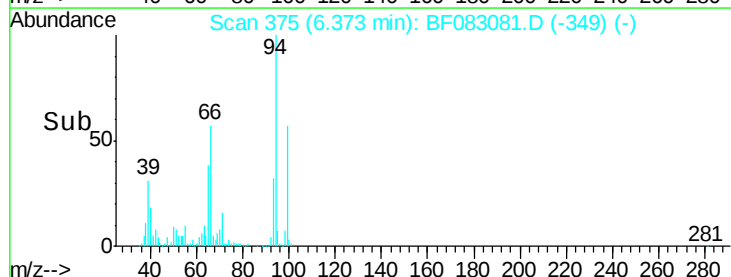
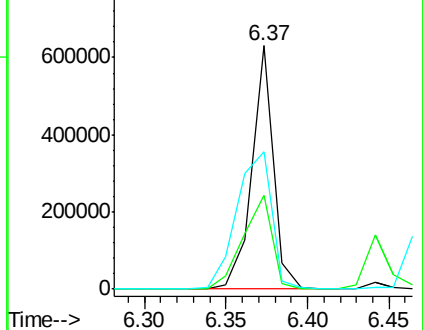
66 56.7 23.2 63.2

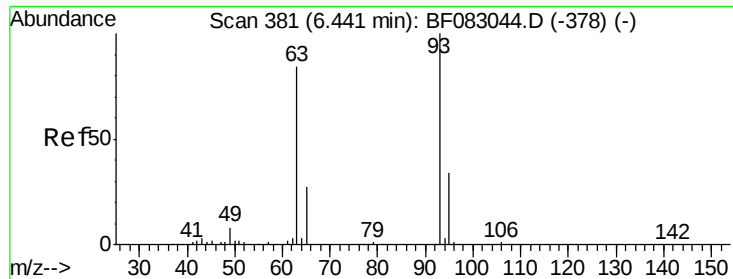


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.45 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

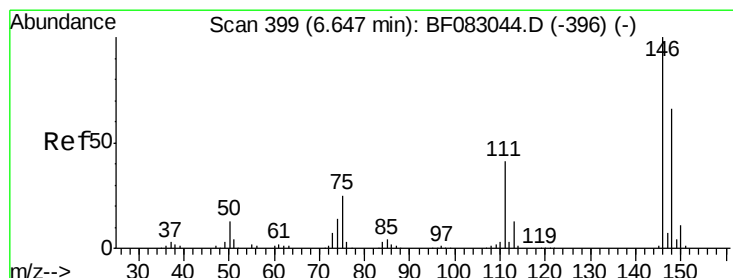
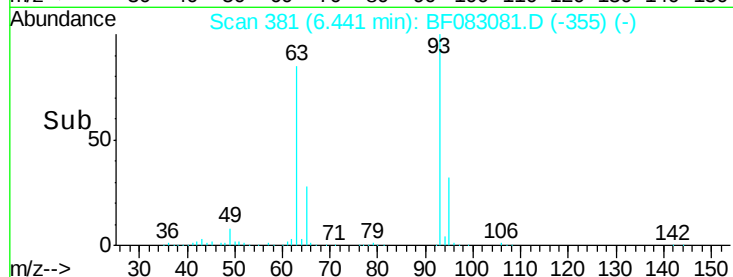
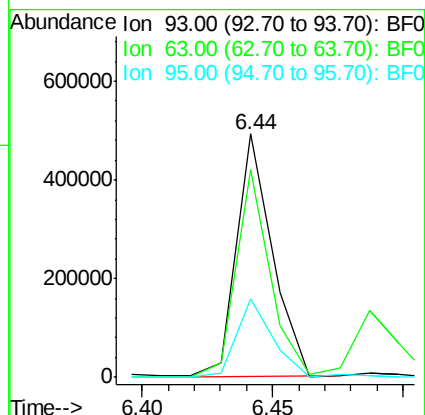
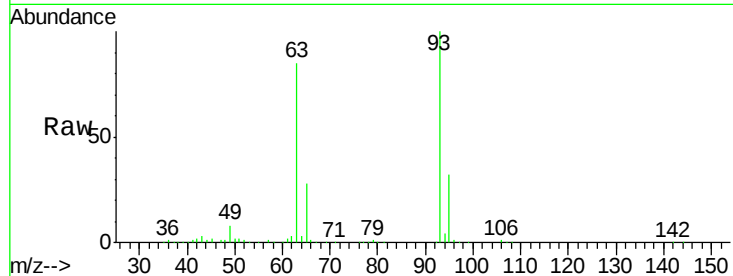
Tot Ion: 93 Resp: 472541

Ion Ratio Lower Upper

93 100

63 85.1 63.6 103.6

95 32.2 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 43.15 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

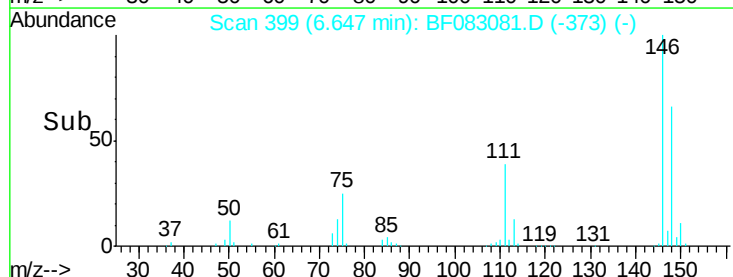
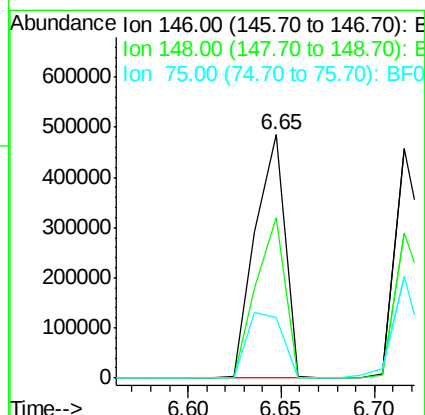
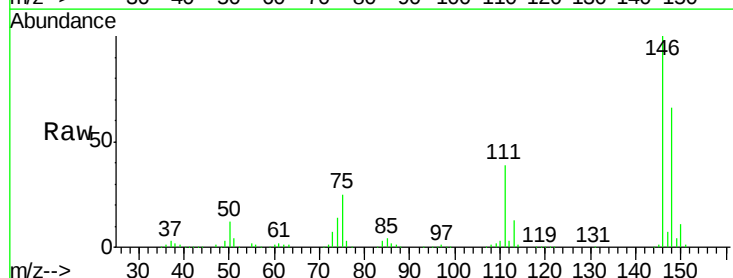
Tgt Ion: 146 Resp: 537921

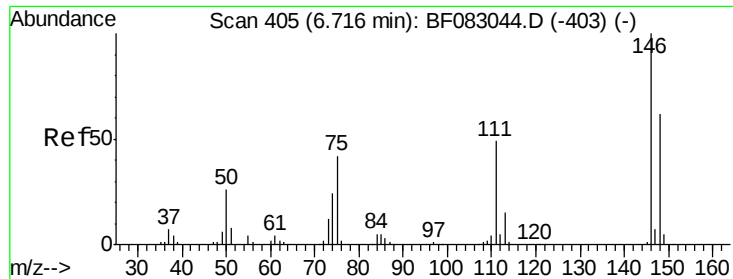
Ion Ratio Lower Upper

146 100

148 66.1 52.8 79.2

75 25.0 20.3 30.5

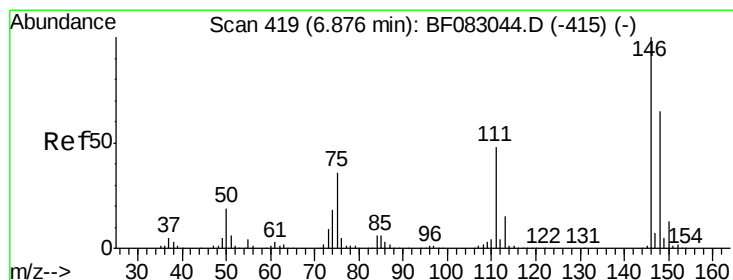
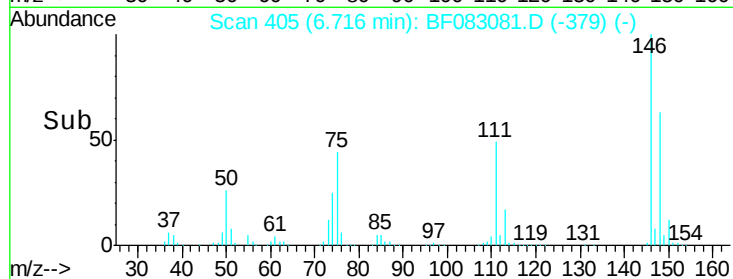
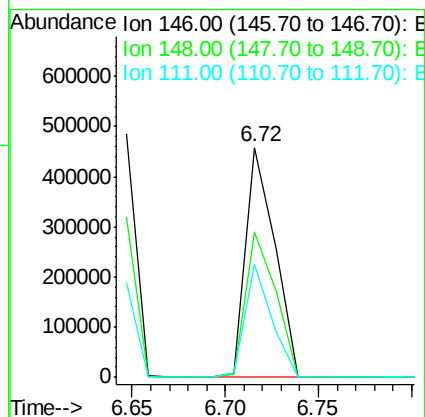
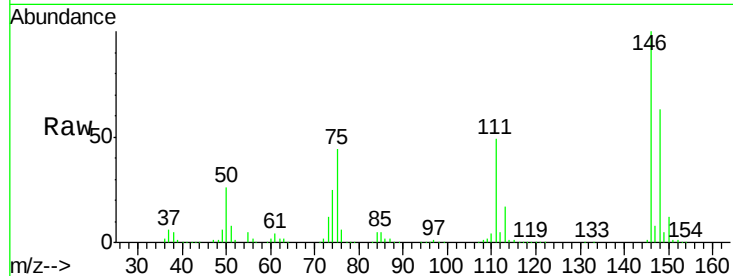




#13
 1,4-Dichlorobenzene
 Concen: 39.33 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

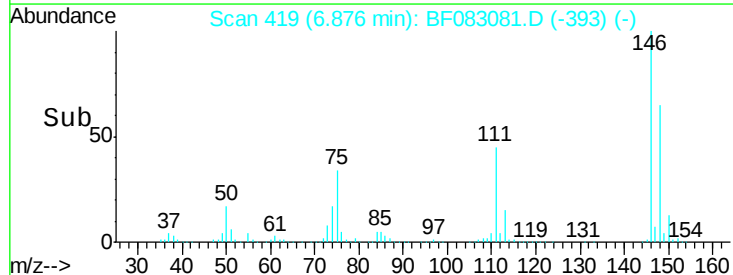
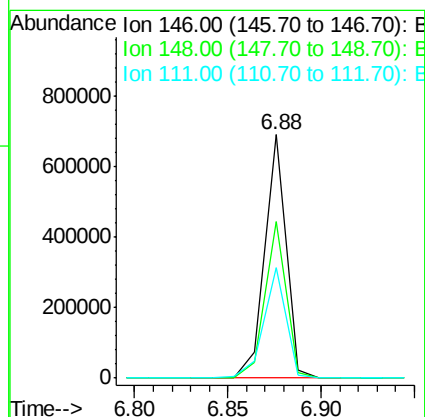
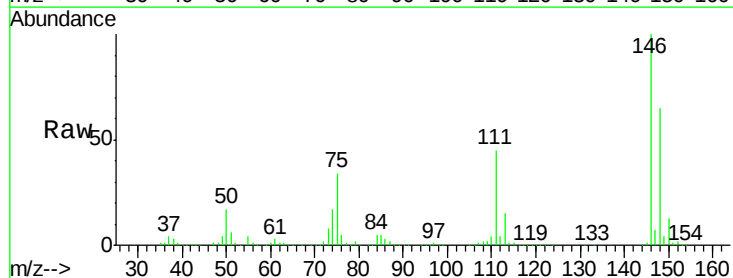
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

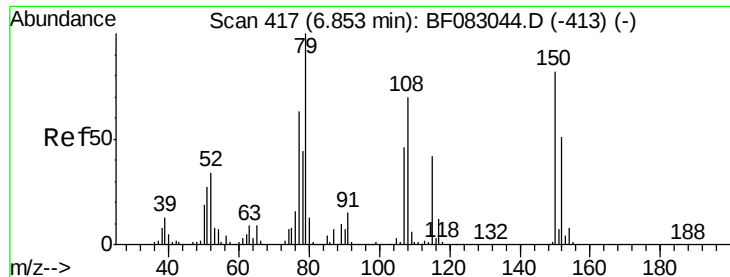
Tot Ion:146 Resp: 496491
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.6 74.4
 111 49.4 39.0 58.6



#14
 1,2-Dichlorobenzene
 Concen: 46.33 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:146 Resp: 540555
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 45.4 38.2 57.2





#15

Benzyl Alcohol

Concen: 47.47 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

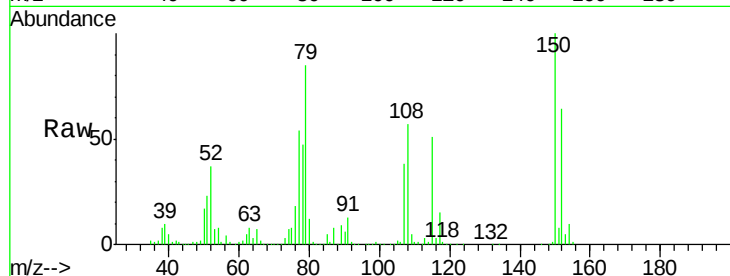
Tot Ion: 79 Resp: 513571

Ion Ratio Lower Upper

79 100

108 66.6 55.7 83.5

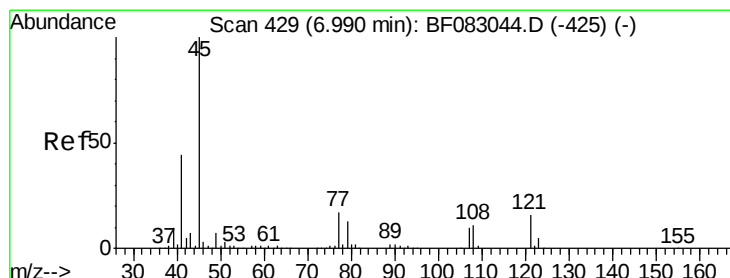
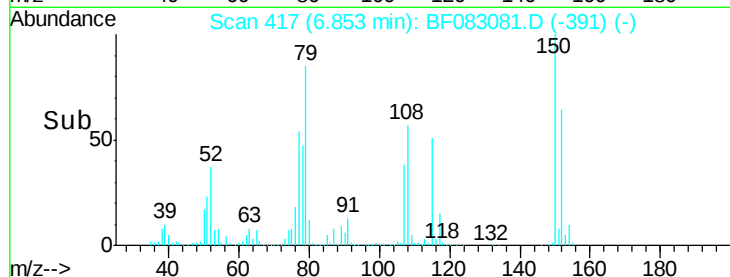
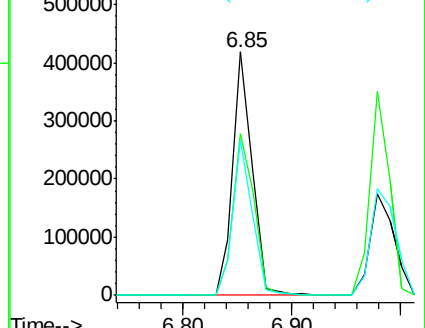
77 63.9 50.7 76.1



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: 44.13 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

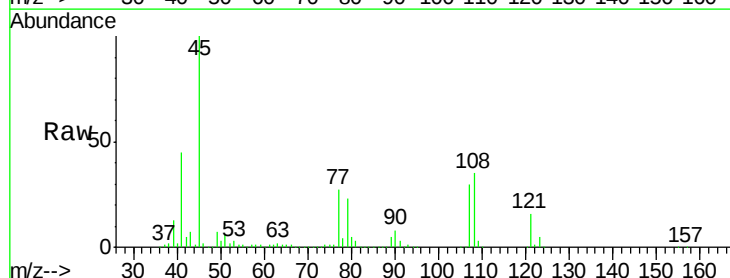
Tgt Ion: 45 Resp: 765842

Ion Ratio Lower Upper

45 100

77 26.6 0.0 36.7

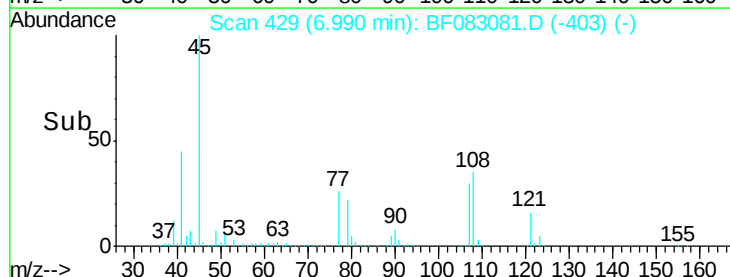
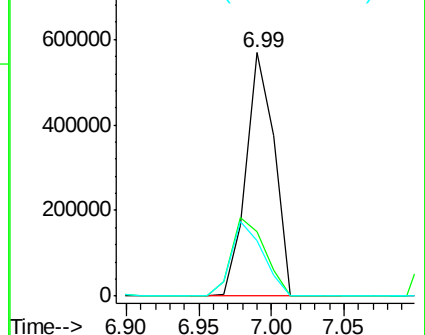
79 22.5 0.0 33.0

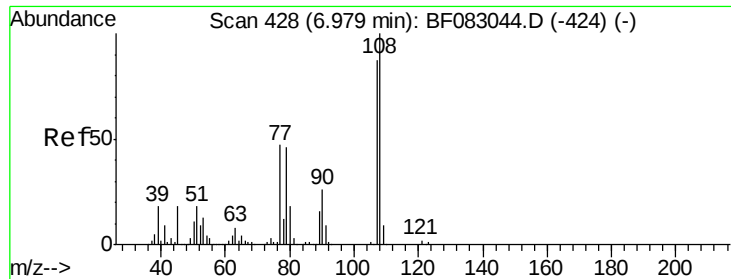


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.61 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

Tot Ion:107 Resp: 377646

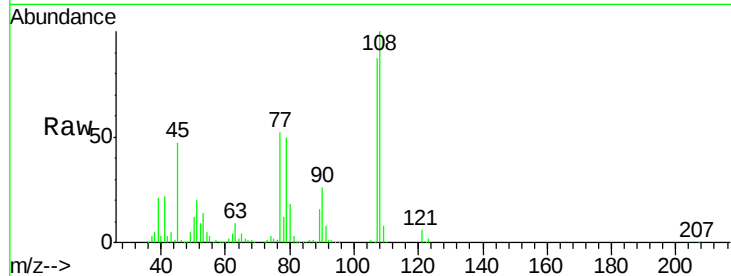
Ion Ratio Lower Upper

107 100

108 114.7 92.3 138.5

77 60.1 43.9 65.9

79 57.1 42.6 64.0

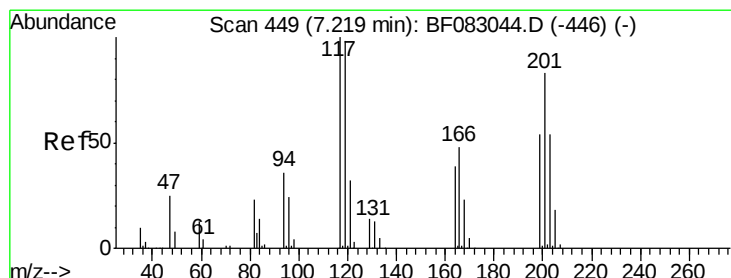
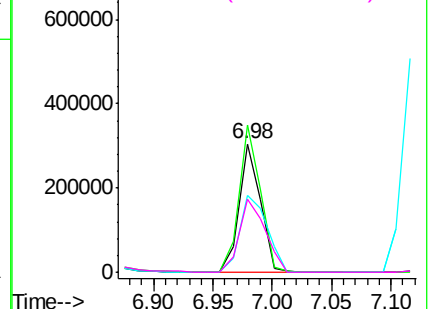
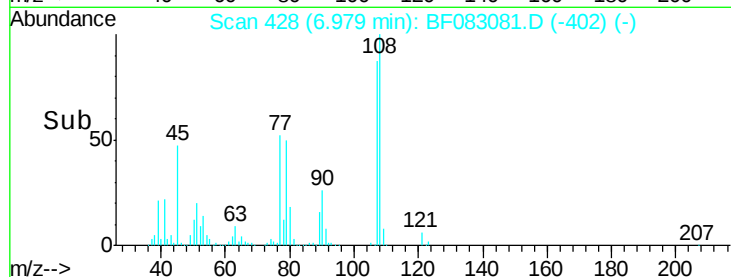


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.26 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

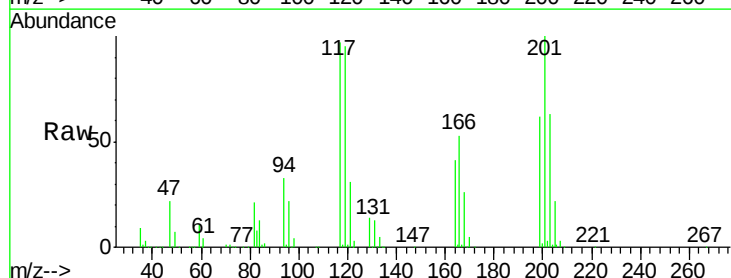
Tgt Ion:117 Resp: 154336

Ion Ratio Lower Upper

117 100

119 97.9 78.3 117.5

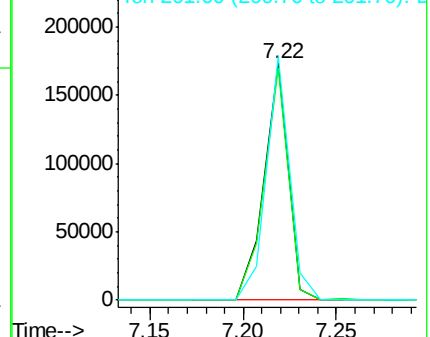
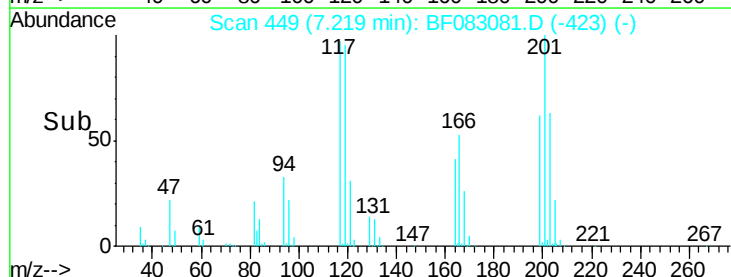
201 102.7 66.5 99.7#

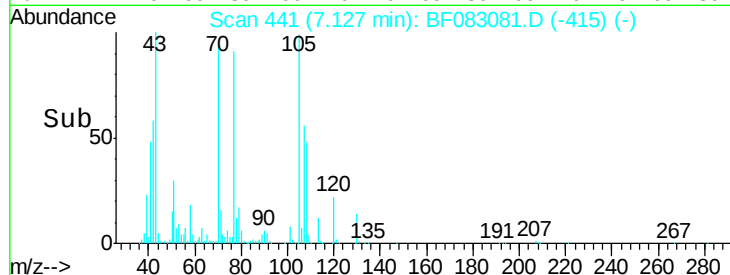
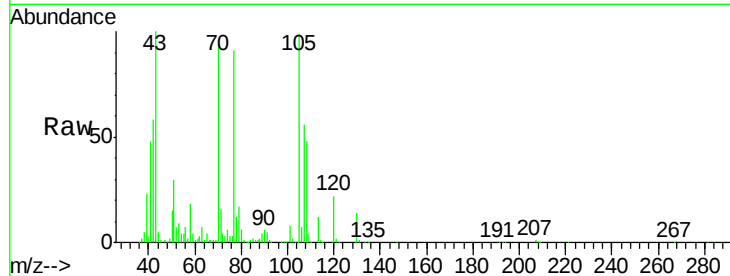
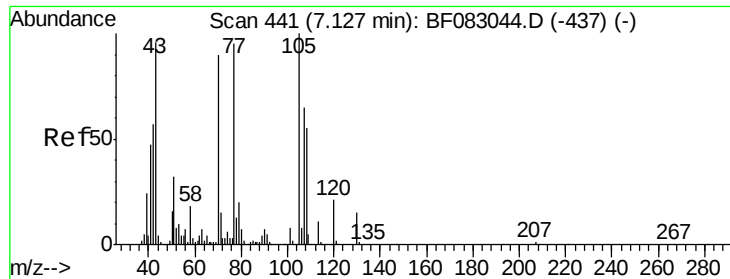


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

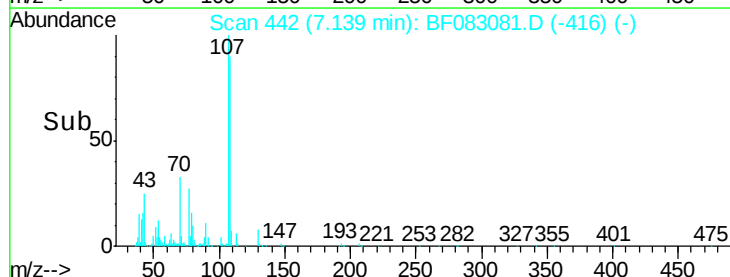
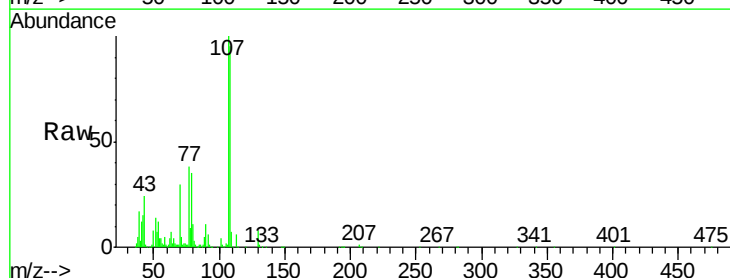
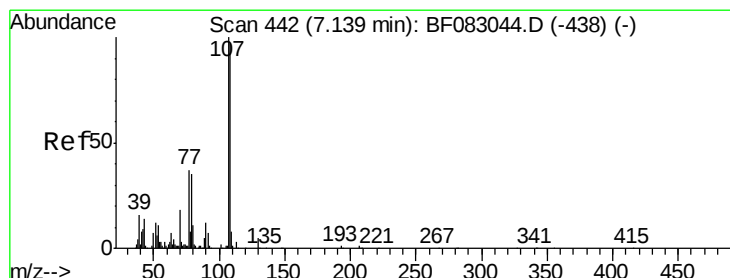
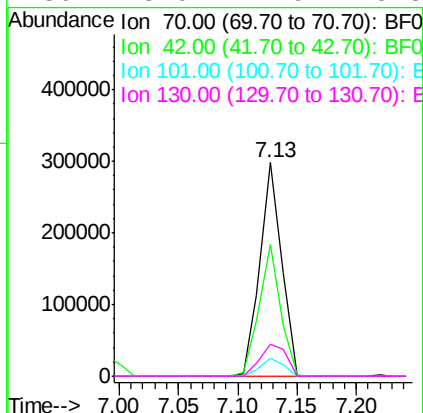




#19
n-Nitroso-di-n-propylamine
Concen: 40.15 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

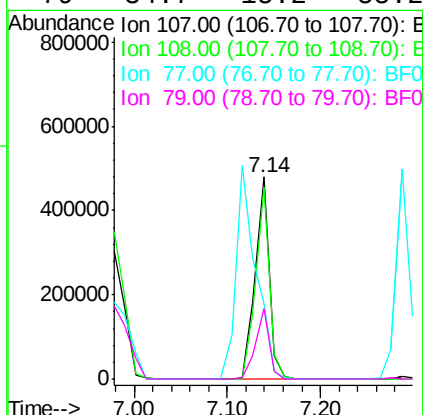
Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

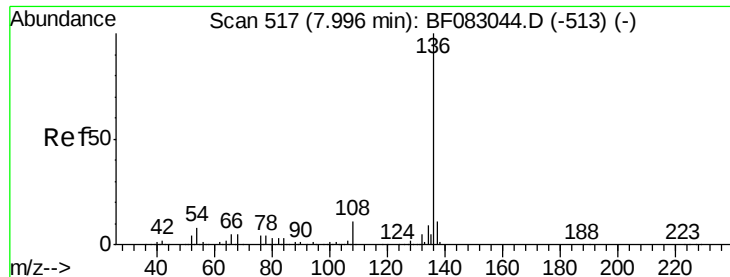
Tot Ion:	70	Resp:	385804
Ion	Ratio	Lower	Upper
70	100		
42	61.6	50.2	75.2
101	8.3	6.8	10.2
130	15.0	12.9	19.3



#20
3+4-Methylphenols
Concen: 40.91 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:	107	Resp:	495905
Ion	Ratio	Lower	Upper
107	100		
108	95.1	77.4	117.4
77	37.6	16.7	56.7
79	34.7	15.2	55.2

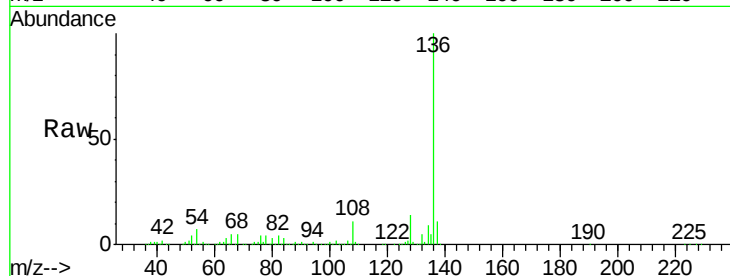




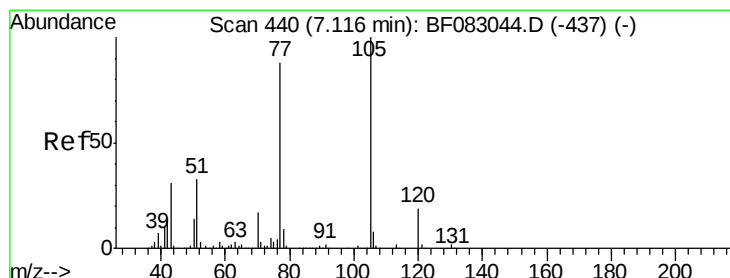
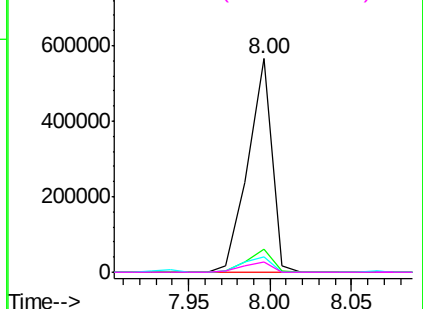
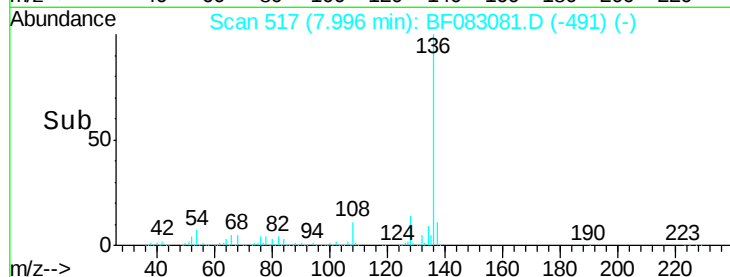
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

Tot Ion:136	Resp:	574819
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 12.8
54	7.2	6.2 9.2
68	5.0	4.2 6.2

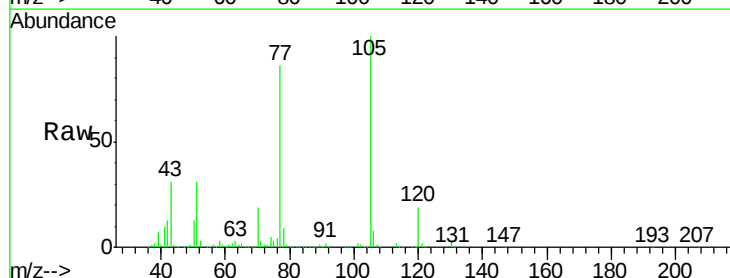


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

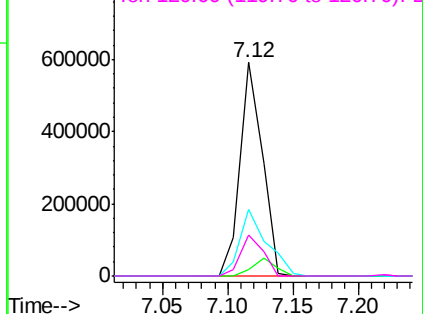
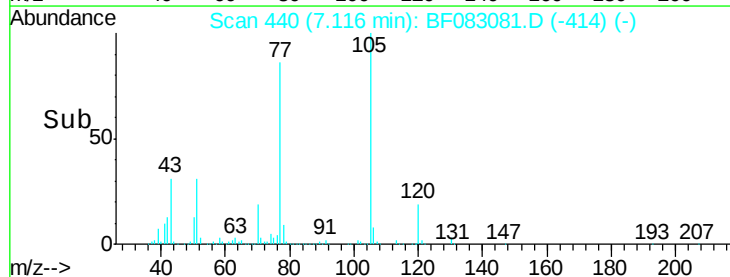


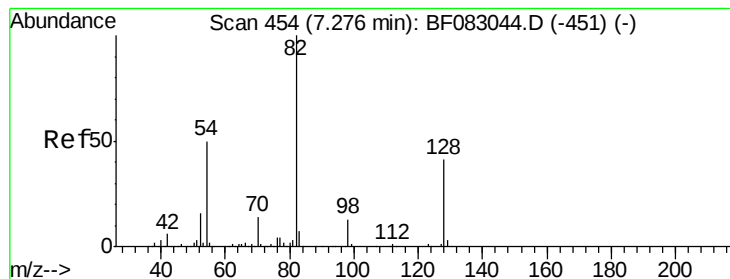
#22
Acetophenone
Concen: 43.46 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:105	Resp:	699755
Ion Ratio	Lower	Upper
105	100	
71	3.0	2.3 3.5
51	31.2	26.1 39.1
120	19.5	15.3 22.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.56 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

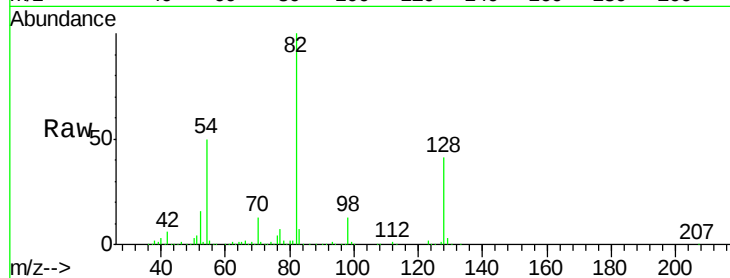
Tot Ion: 82 Resp: 1212377

Ion Ratio Lower Upper

82 100

128 40.7 33.1 49.7

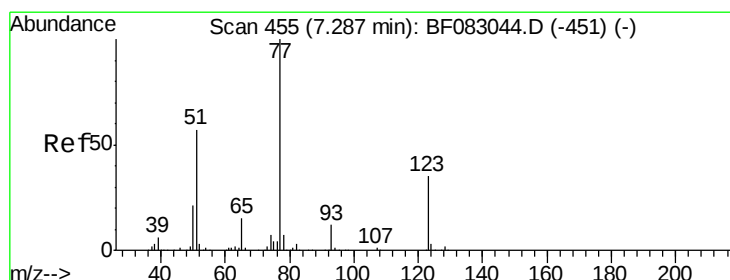
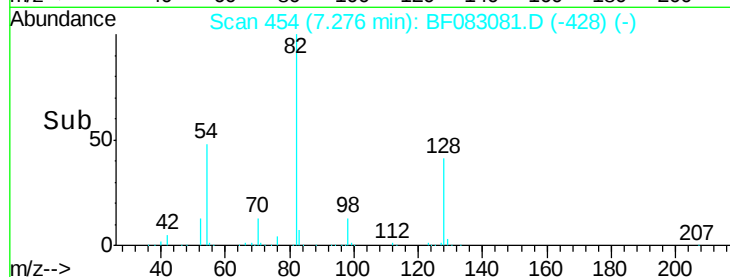
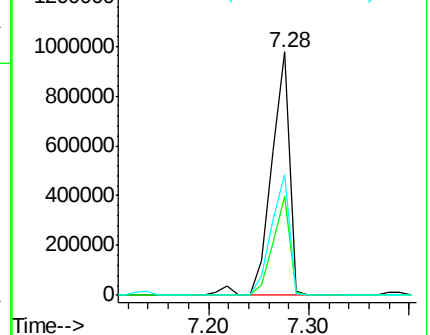
54 49.5 39.8 59.6



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: 39.31 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

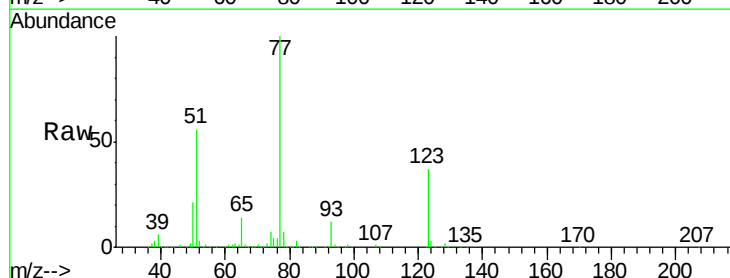
Tgt Ion: 77 Resp: 497883

Ion Ratio Lower Upper

77 100

123 37.1 28.2 42.4

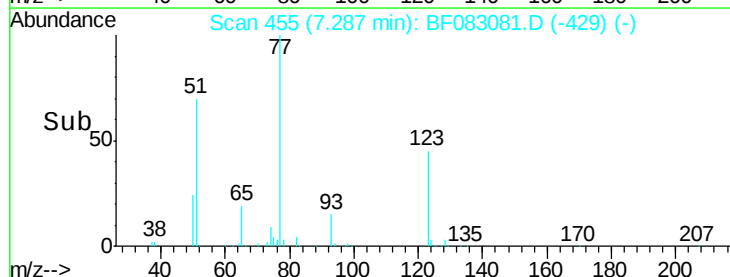
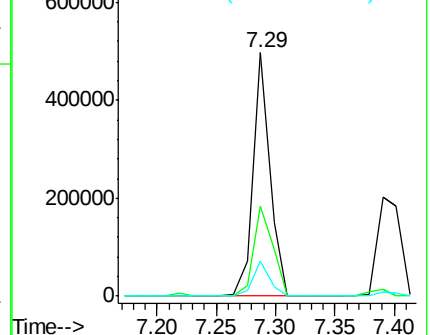
65 14.5 11.8 17.8

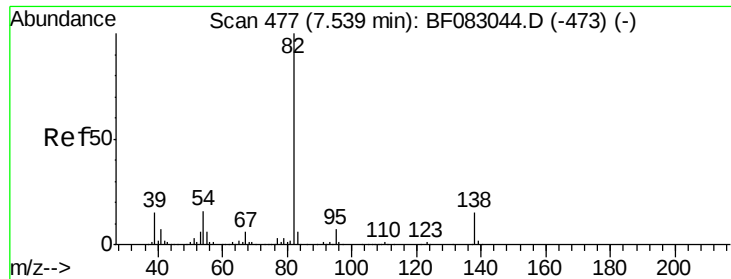


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.19 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

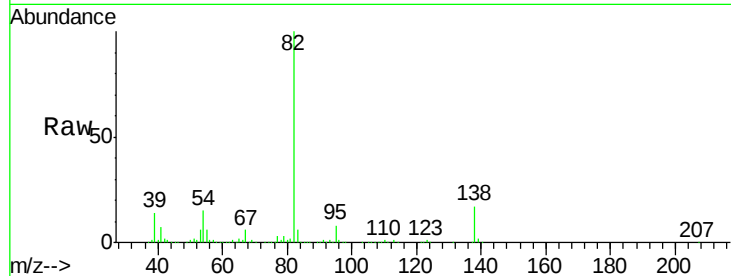
Tot Ion: 82 Resp: 1046450

Ion Ratio Lower Upper

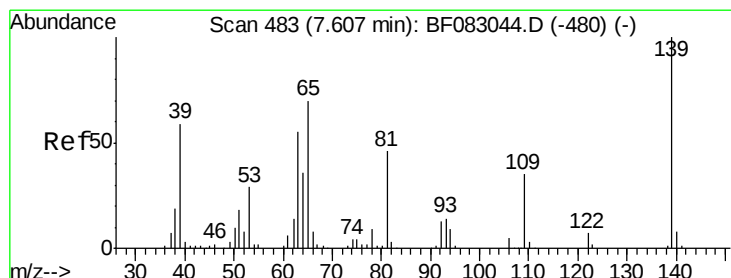
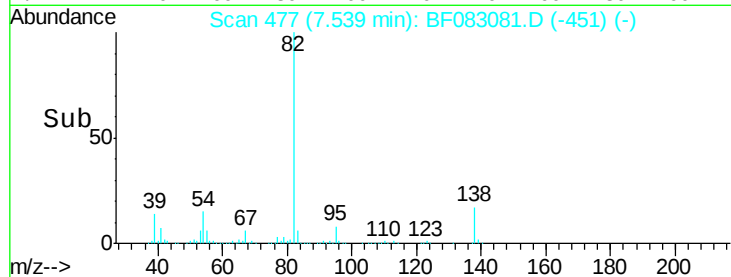
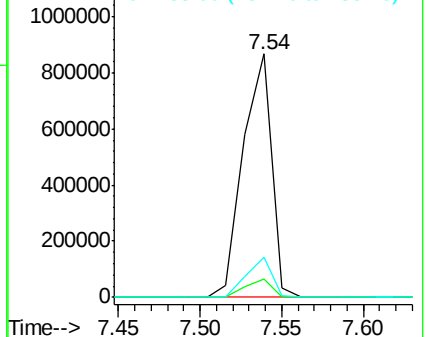
82 100

95 7.6 5.7 8.5

138 16.7 12.2 18.4



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



#26

2-Nitrophenol

Concen: 20.50 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

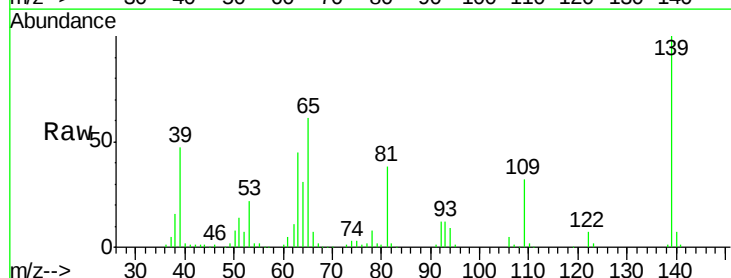
Tgt Ion: 139 Resp: 113534

Ion Ratio Lower Upper

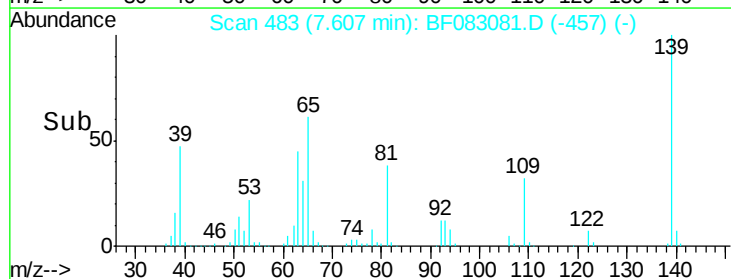
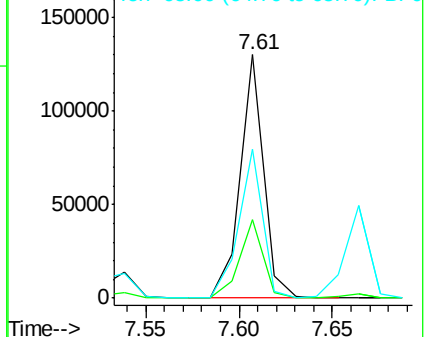
139 100

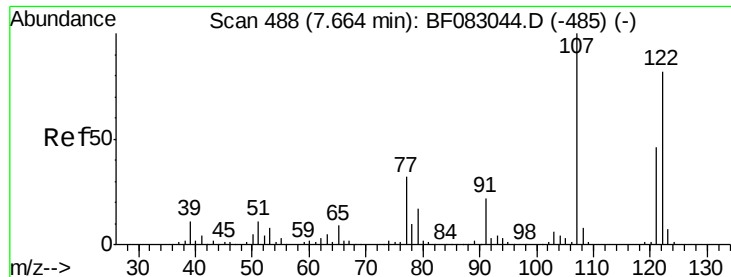
109 32.2 27.8 41.6

65 61.0 56.4 84.6



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

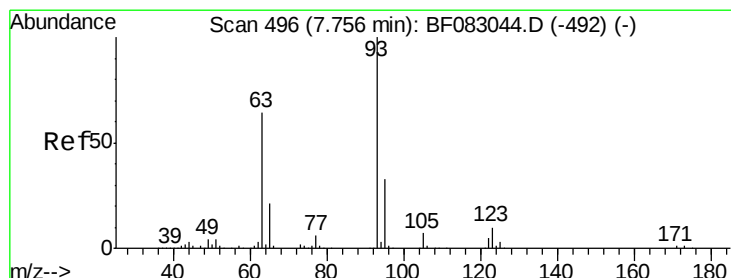
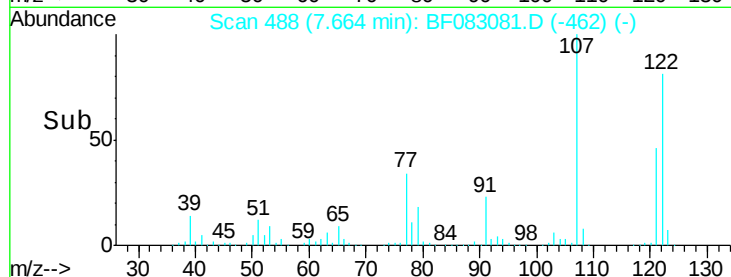
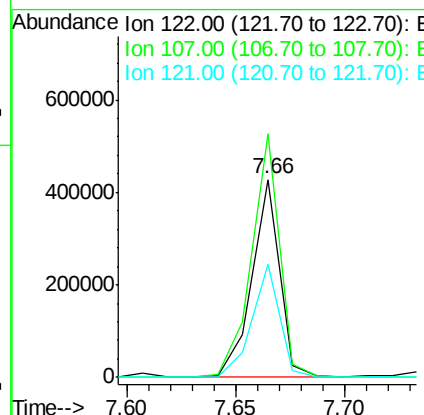
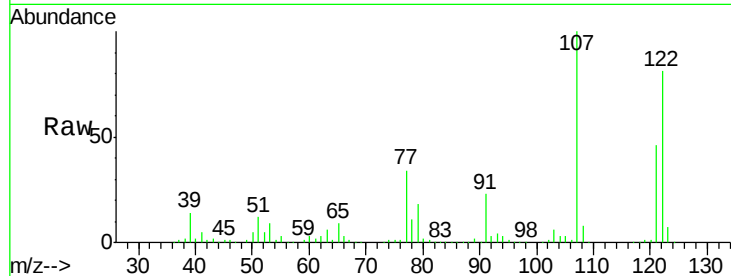




#27
 2,4-Dimethylphenol
 Concen: 41.60 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

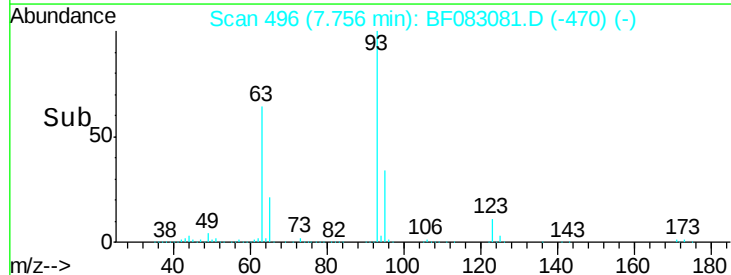
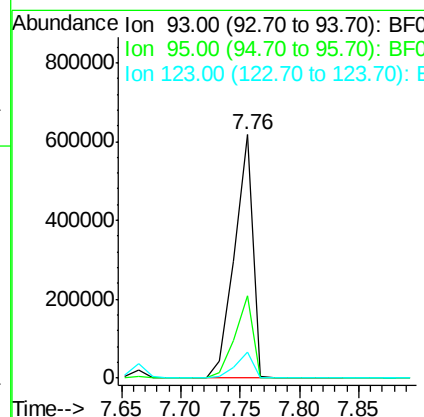
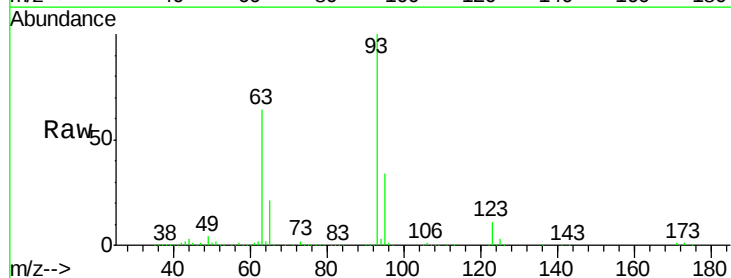
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

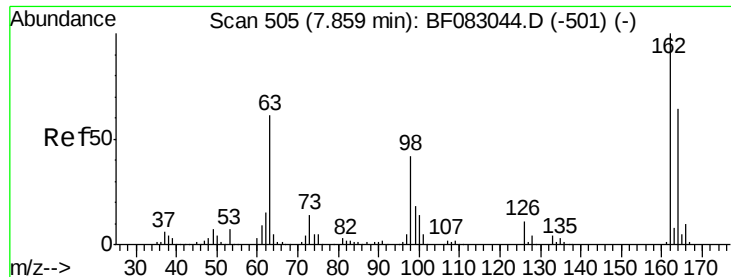
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	97.5	146.3
121	57.0	45.3	67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.91 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.2	39.2
123	10.6	8.5	12.7

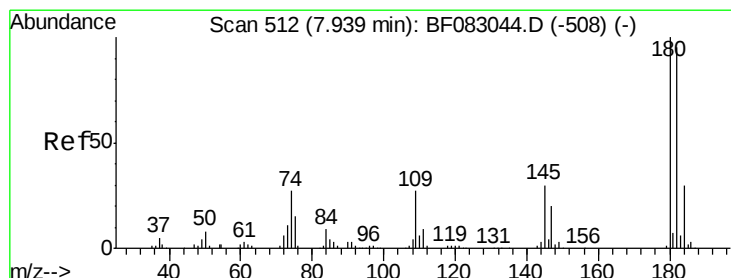
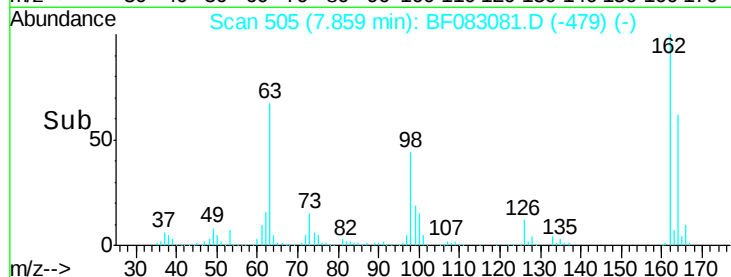
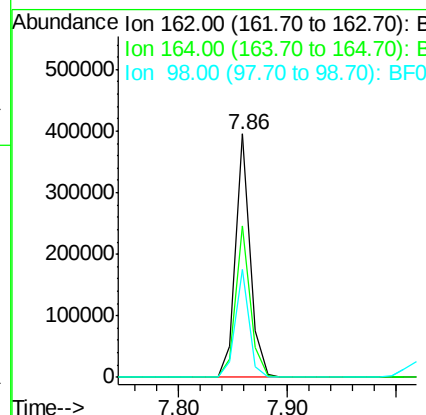
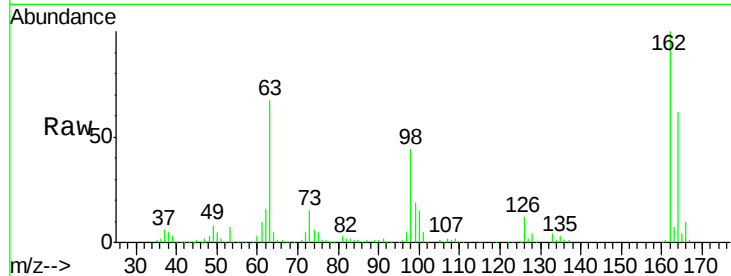




#29
 2,4-Dichlorophenol
 Concen: 40.91 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

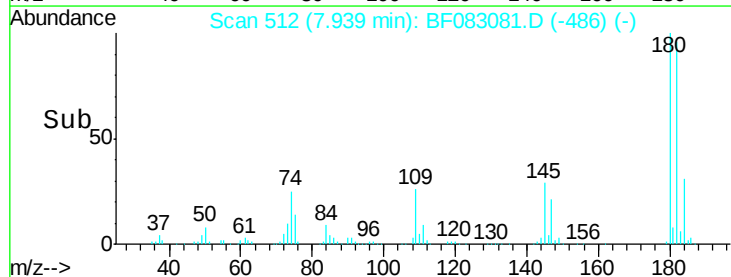
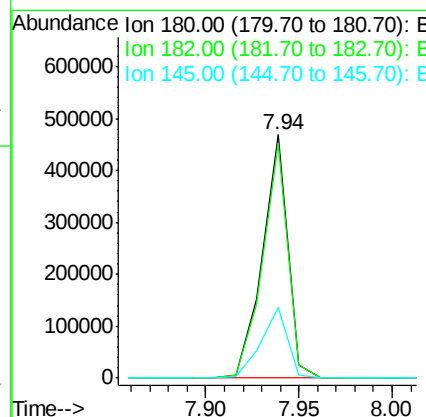
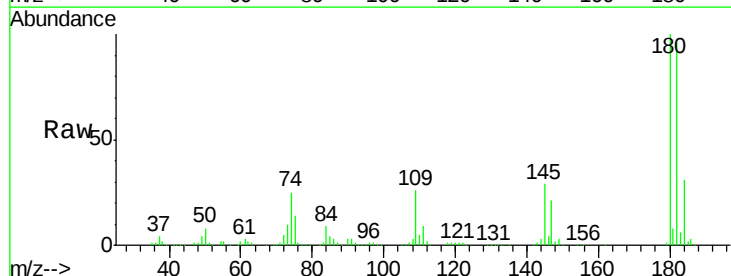
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

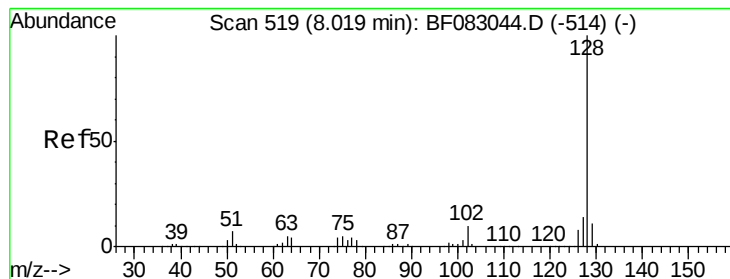
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.1	84.1
98	44.4	21.6	61.6



#30
 1,2,4-Trichlorobenzene
 Concen: 45.60 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.4
145	29.1	24.0	36.0





#31

Naphthalene

Concen: 57.28 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

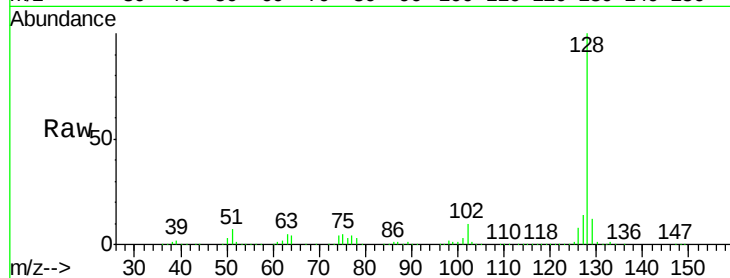
Tot Ion:128 Resp: 1715526

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

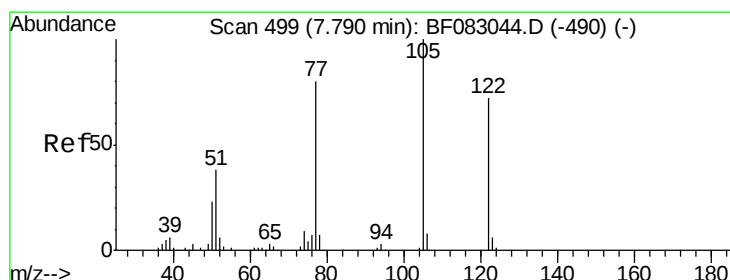
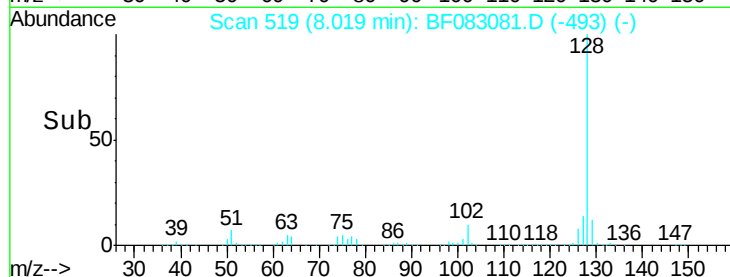
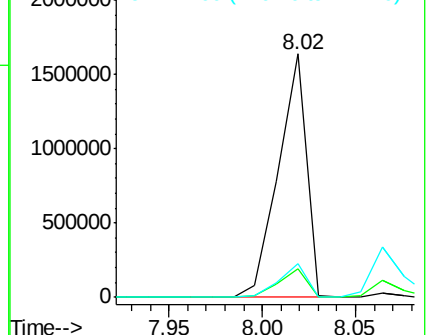
127 13.7 10.9 16.3



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: 4.22 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

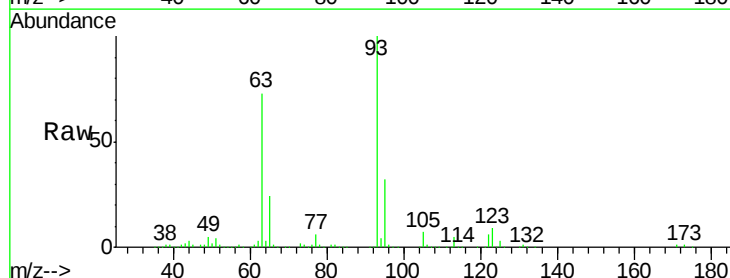
Tgt Ion:122 Resp: 23515

Ion Ratio Lower Upper

122 100

105 115.0 115.0 155.0#

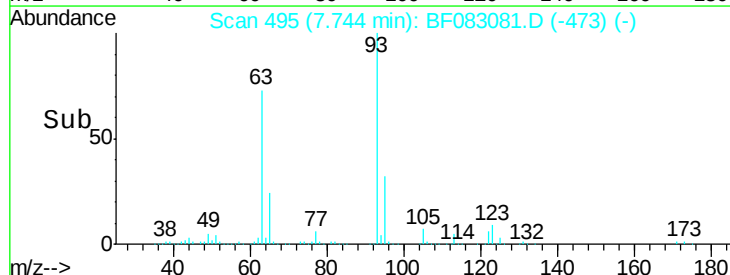
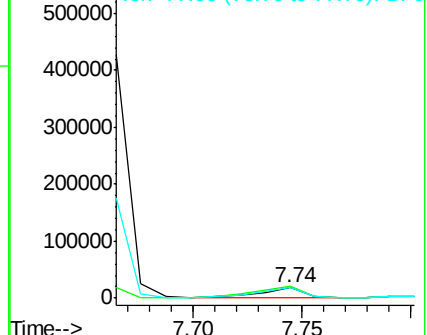
77 98.0 89.0 129.0

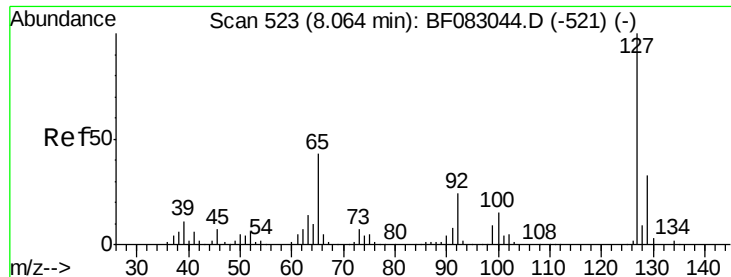


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

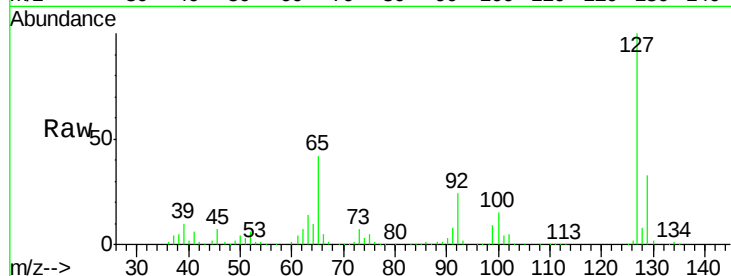




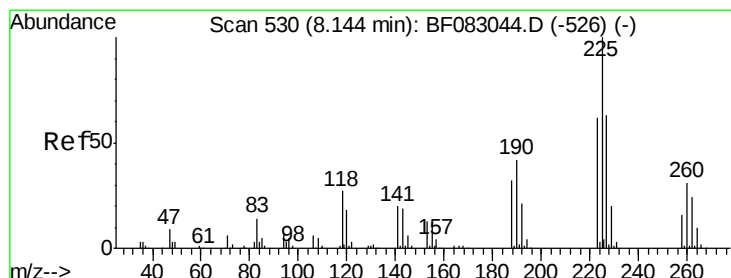
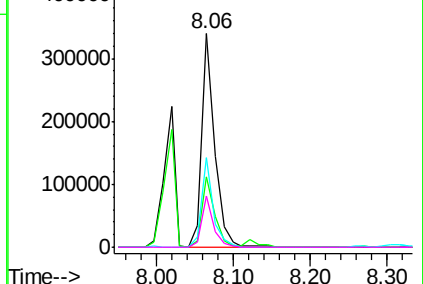
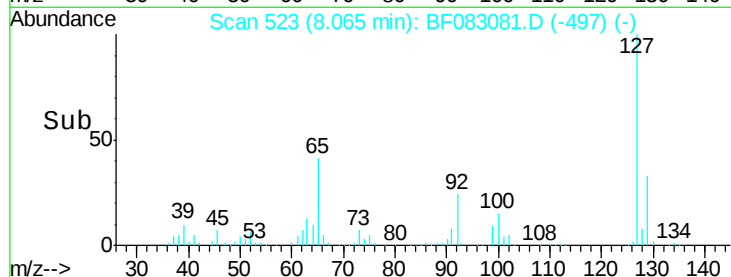
#33
4-Chloroaniline
Concen: 30.06 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

Tot Ion:127 Resp: 391548
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 41.7 34.4 51.6
92 23.9 19.5 29.3

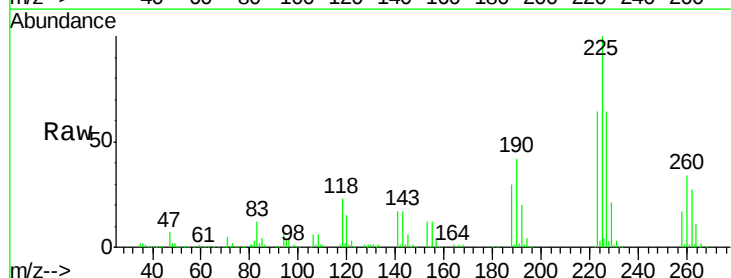


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

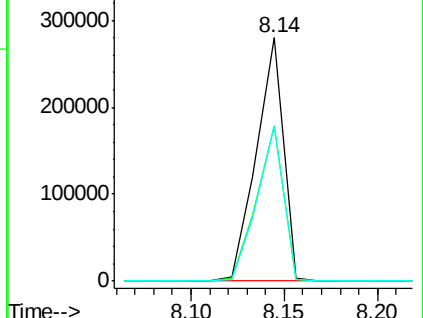
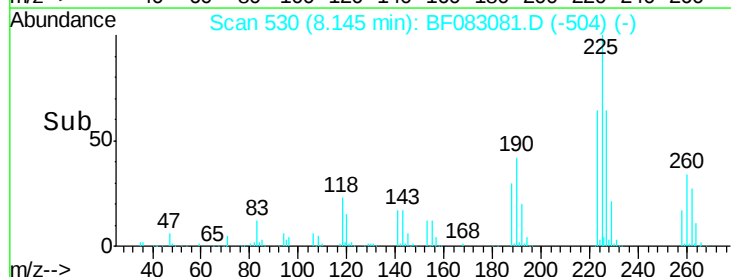


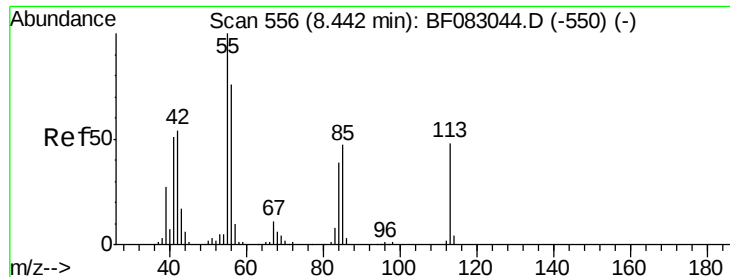
#34
Hexachlorobutadiene
Concen: 45.52 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:225 Resp: 279553
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.6
227 64.0 50.6 76.0



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





#35

Caprolactam

Concen: 38.96 ng

RT: 8.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

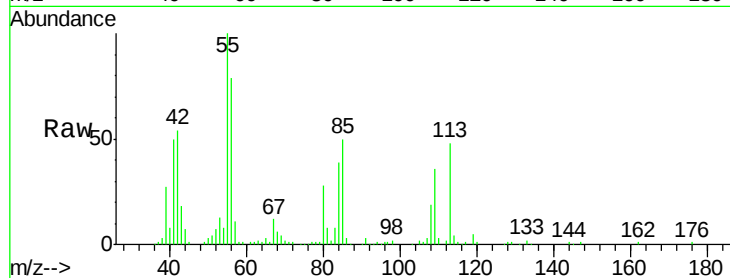
Tot Ion:113 Resp: 109904

Ion Ratio Lower Upper

113 100

55 208.2 189.1 229.1

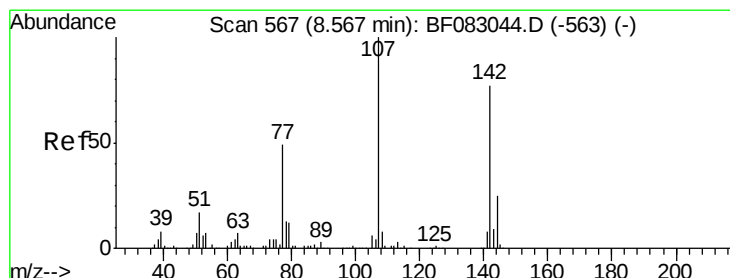
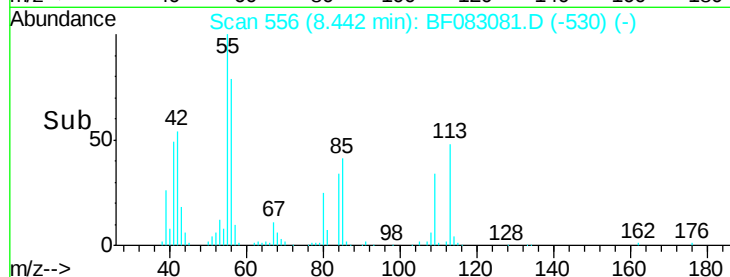
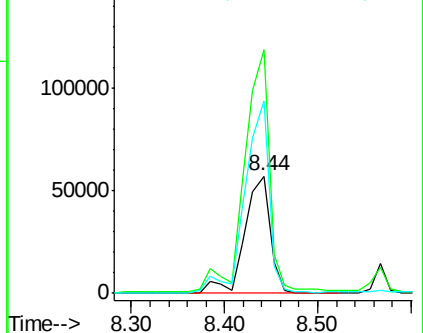
56 164.7 137.9 177.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.69 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

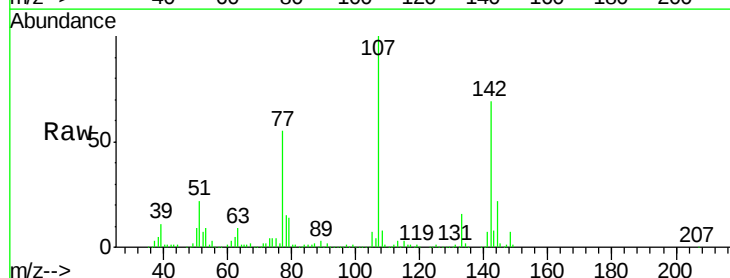
Tgt Ion:107 Resp: 396804

Ion Ratio Lower Upper

107 100

144 21.6 20.0 30.0

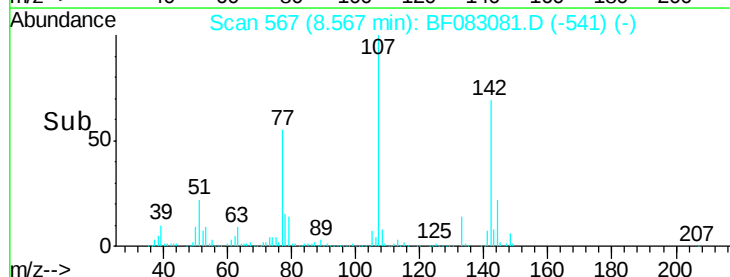
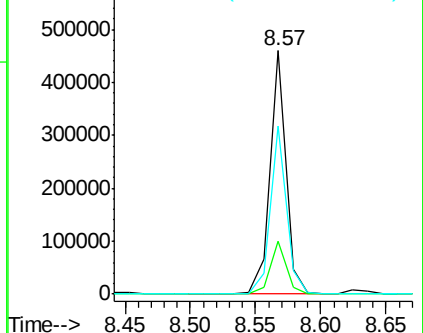
142 68.9 61.3 91.9

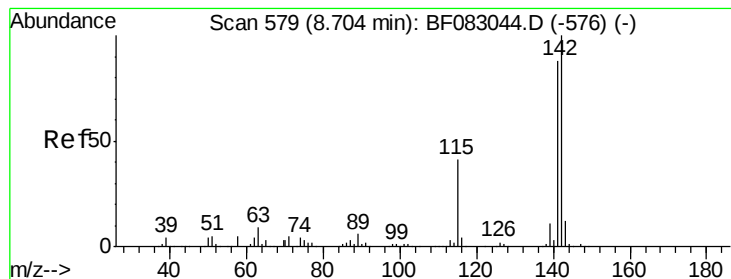


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 78.46 ng

RT: 8.72 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

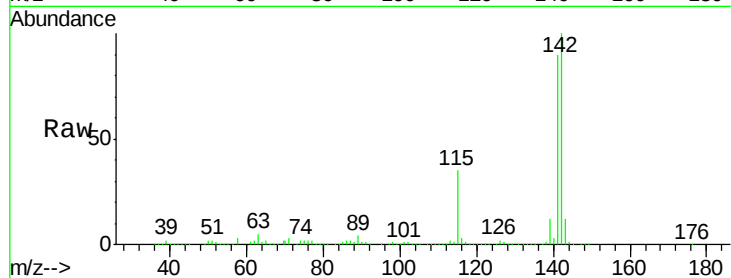
Tot Ion:142 Resp: 1564503

Ion Ratio Lower Upper

142 100

141 89.7 70.7 106.1

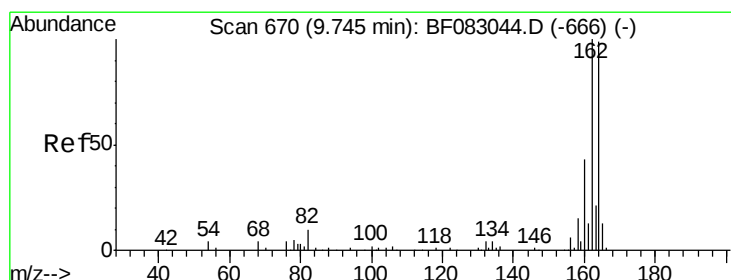
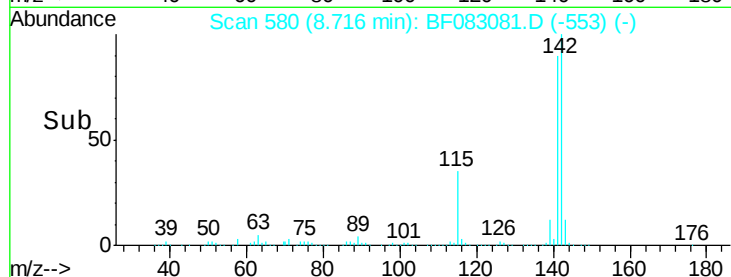
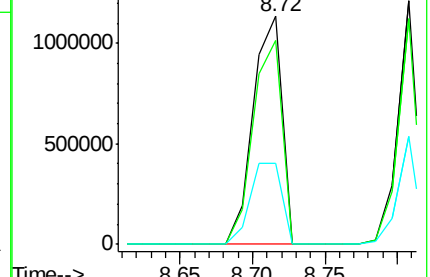
115 35.5 33.1 49.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

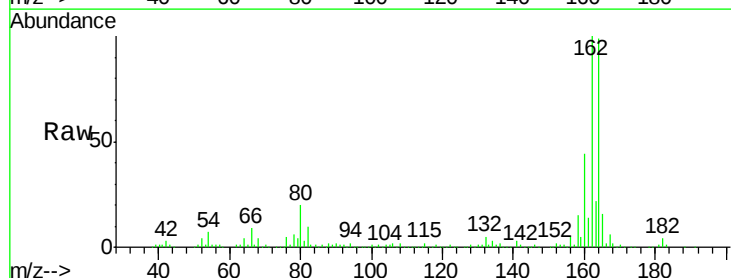
Tgt Ion:164 Resp: 262742

Ion Ratio Lower Upper

164 100

162 100.9 80.5 120.7

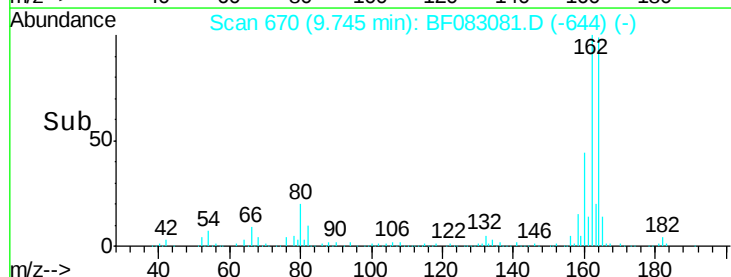
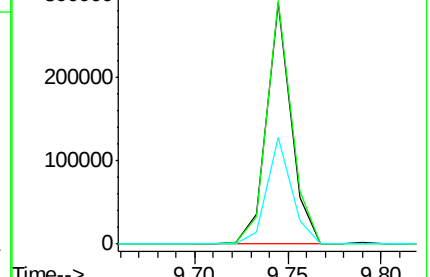
160 44.2 35.0 52.4

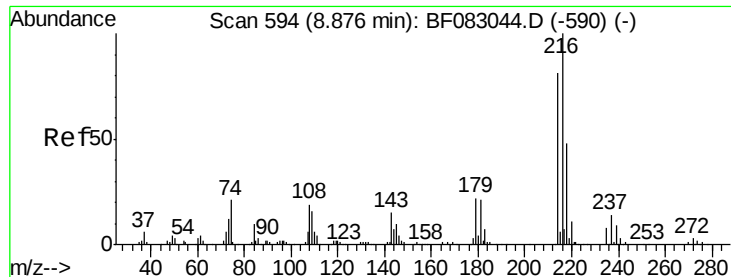


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.16 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

Tot Ion:216 Resp: 417300

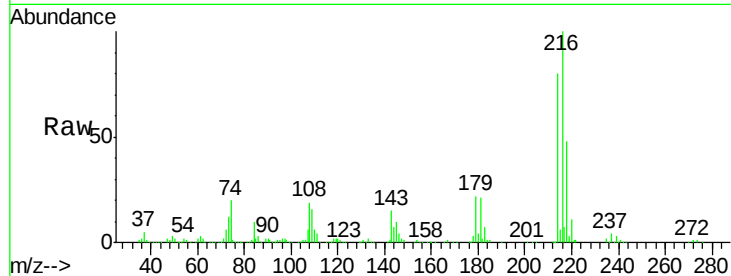
Ion Ratio Lower Upper

216 100

214 79.5 64.6 97.0

179 22.1 17.8 26.6

108 20.2 16.8 25.2

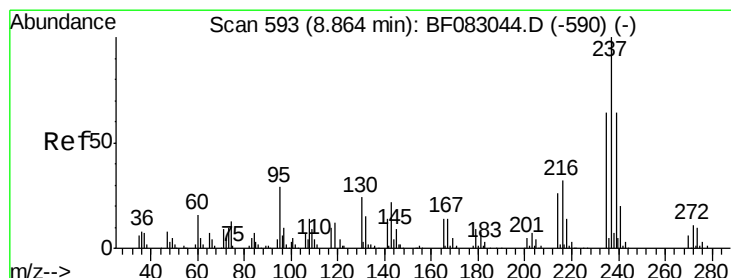
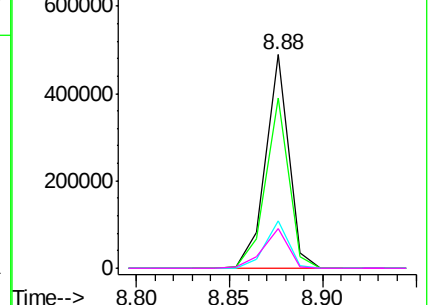
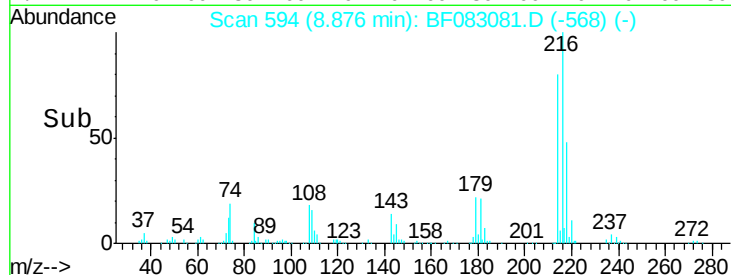


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.29 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

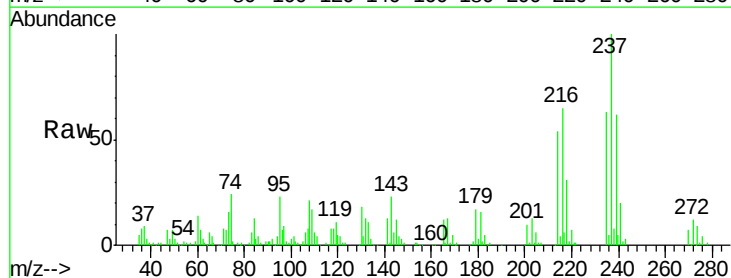
Tgt Ion:237 Resp: 114223

Ion Ratio Lower Upper

237 100

235 63.2 44.1 84.1

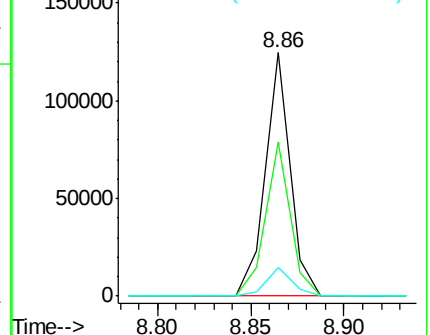
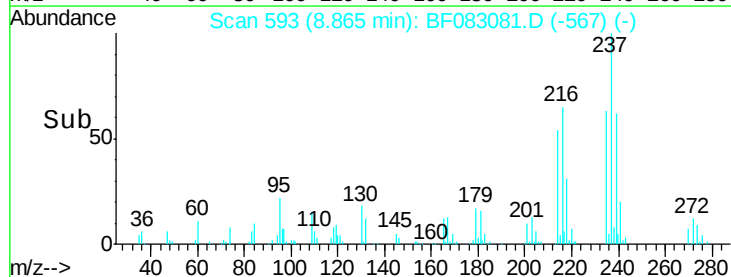
272 11.9 0.0 30.9

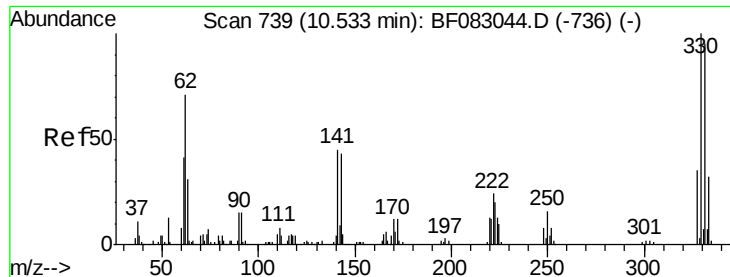


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

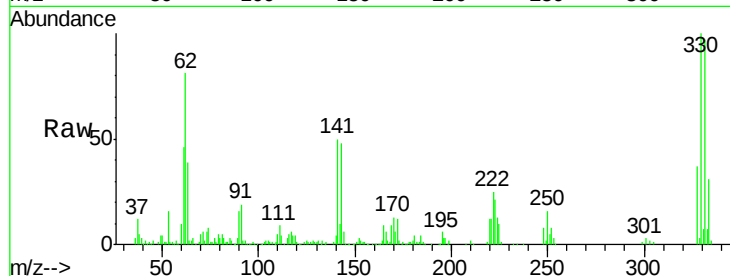




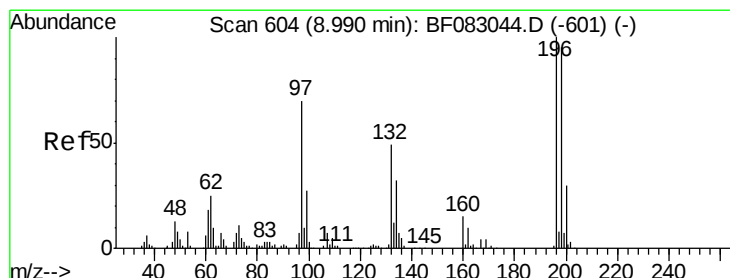
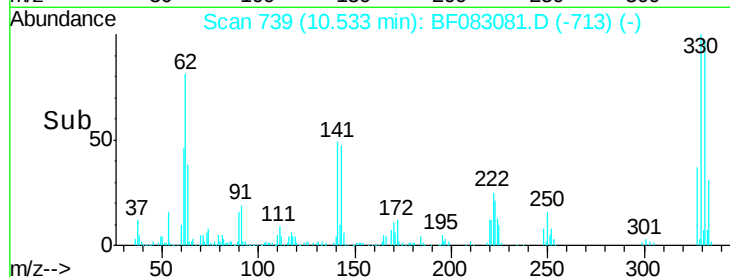
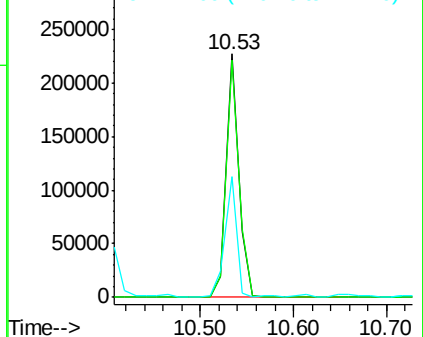
#41
 2,4,6-Tribromophenol
 Concen: 77.05 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

Tot Ion:330 Resp: 214933
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.6 116.4
 141 45.9 34.6 52.0

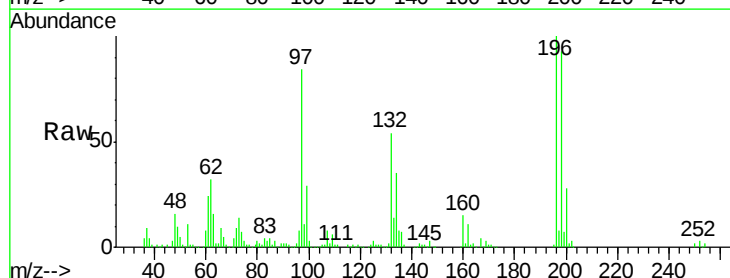


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

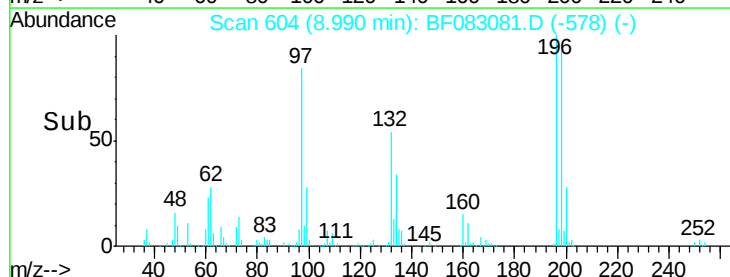
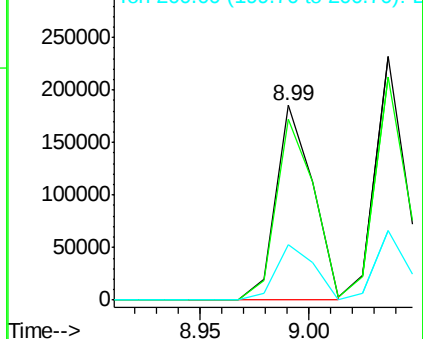


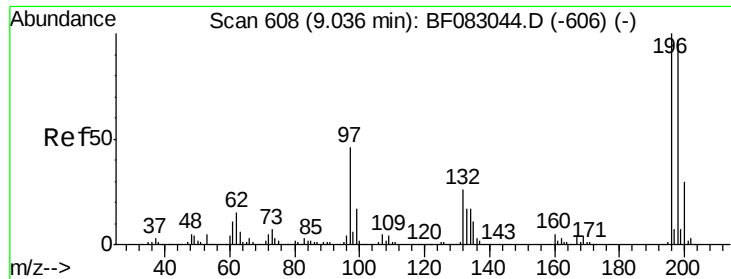
#42
 2,4,6-Trichlorophenol
 Concen: 35.05 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:196 Resp: 220384
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.9 113.9
 200 28.2 24.0 36.0



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

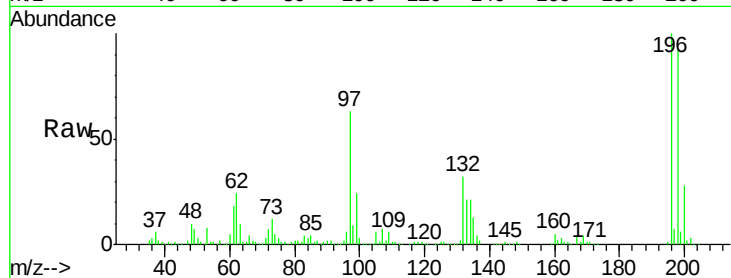




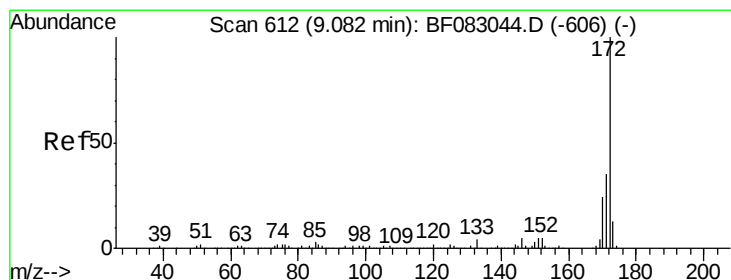
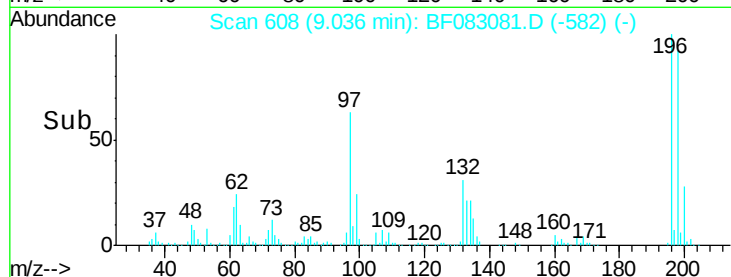
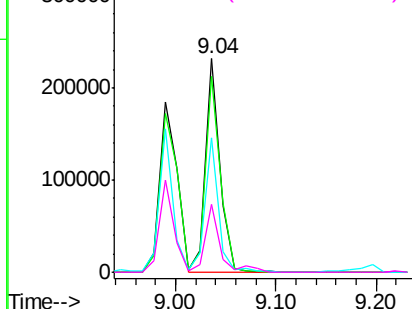
#43
 2,4,5-Trichlorophenol
 Concen: 36.78 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

Tot Ion:196 Resp: 230549
 Ion Ratio Lower Upper
 196 100
 198 91.8 77.8 116.6
 97 62.8 37.1 55.7#
 132 31.6 21.0 31.4#

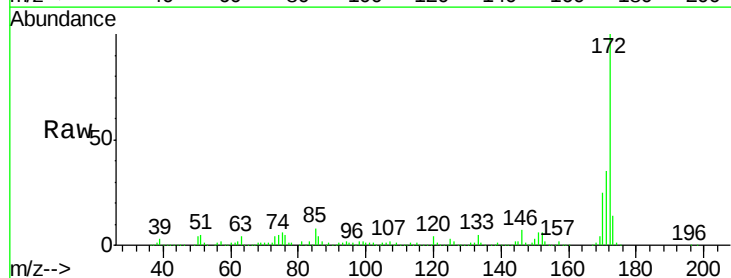


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

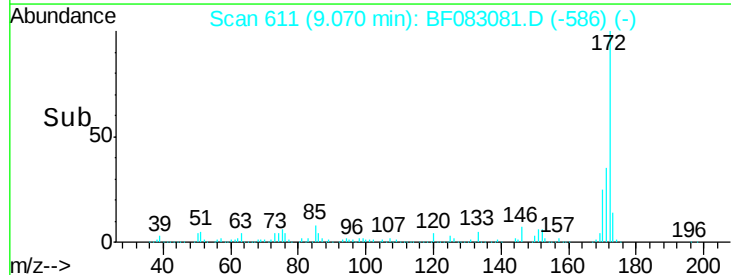
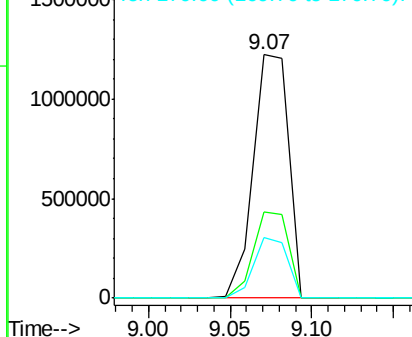


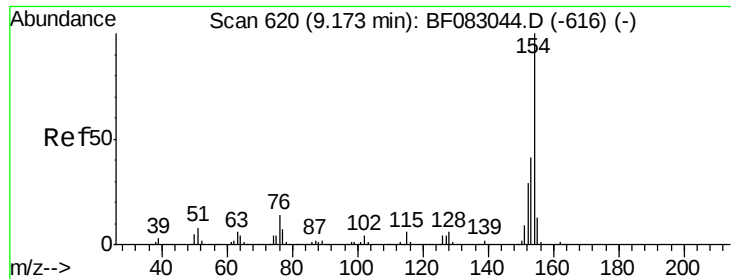
#44
 2-Fluorobiphenyl
 Concen: 94.34 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:172 Resp: 1840433
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 24.7 19.4 29.0



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: 45.01 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

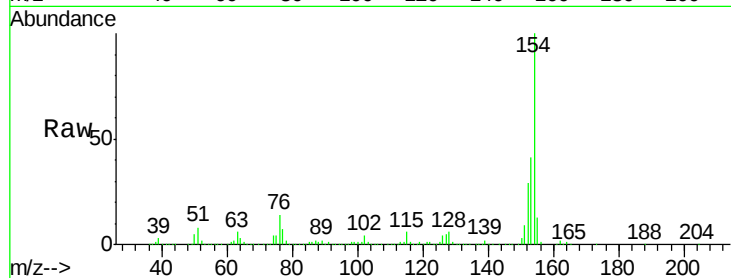
Tot Ion:154 Resp: 1040336

Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

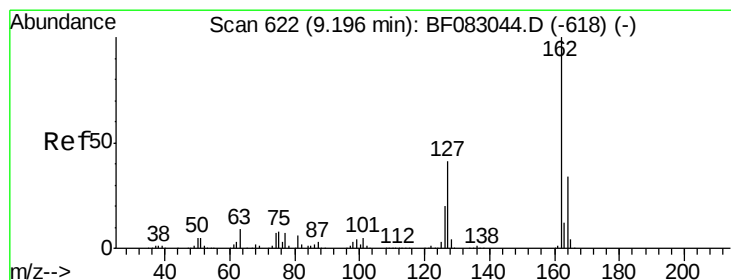
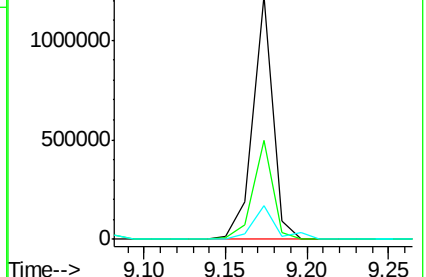
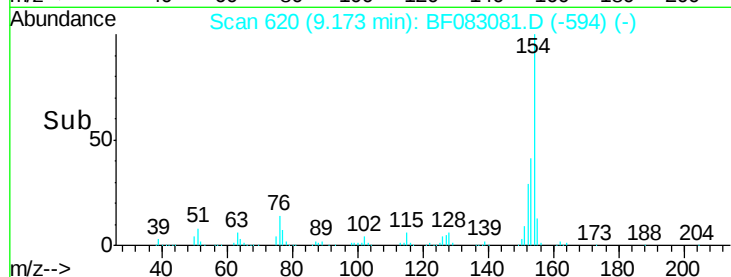
76 13.9 0.0 34.0



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: 49.35 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

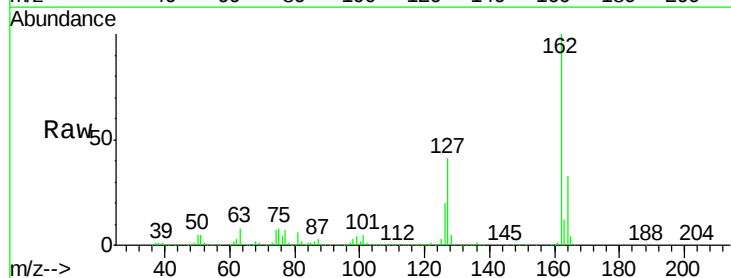
Tgt Ion:162 Resp: 867955

Ion Ratio Lower Upper

162 100

127 40.7 32.8 49.2

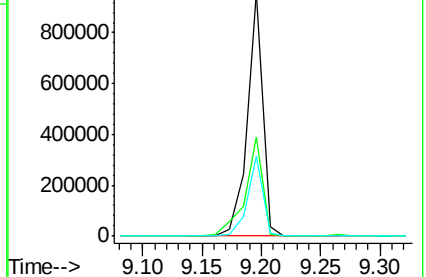
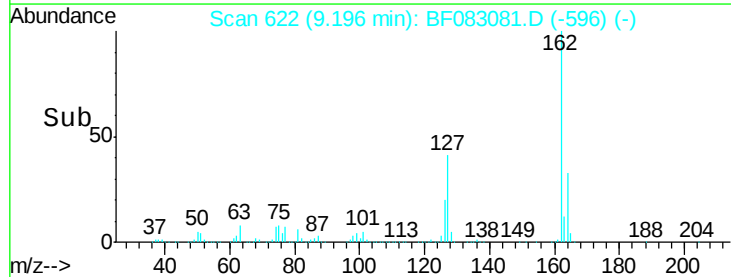
164 33.0 26.9 40.3

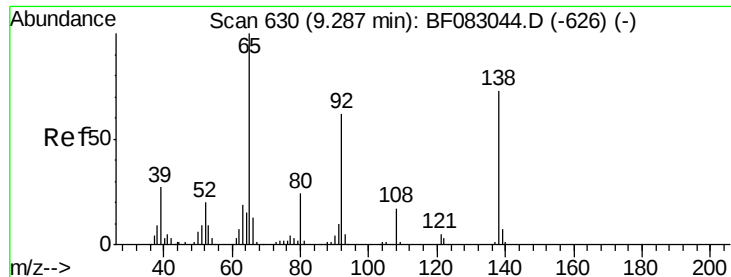


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.29 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

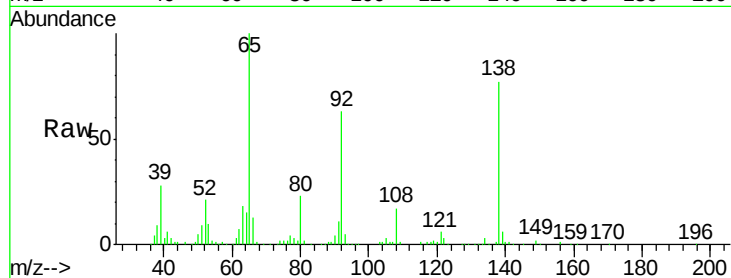
Tot Ion: 65 Resp: 287204

Ion Ratio Lower Upper

65 100

92 63.2 49.6 74.4

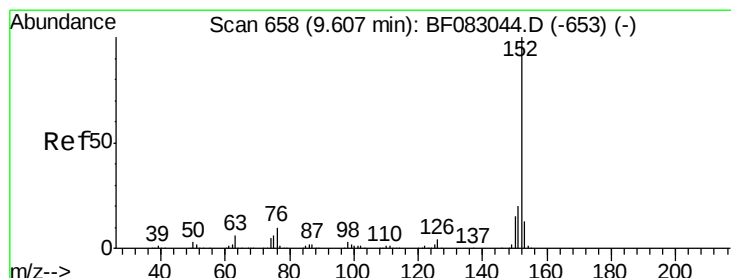
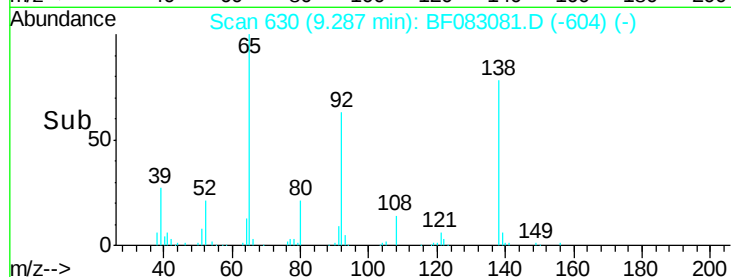
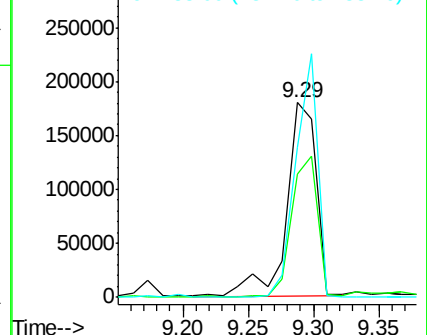
138 76.9 58.8 88.2



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: 41.75 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

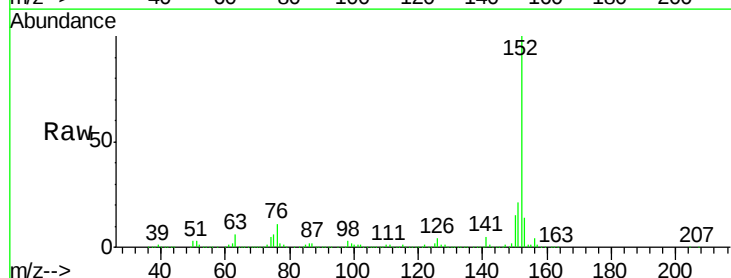
Tgt Ion: 152 Resp: 1208742

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.2

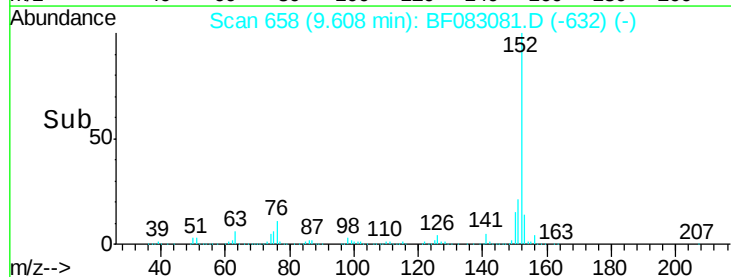
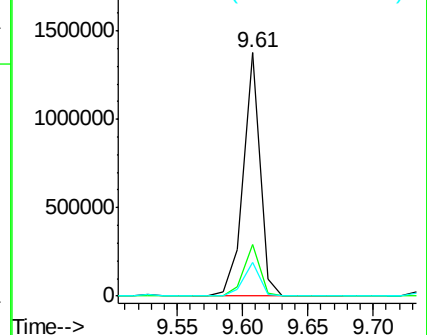
153 14.0 10.6 15.8

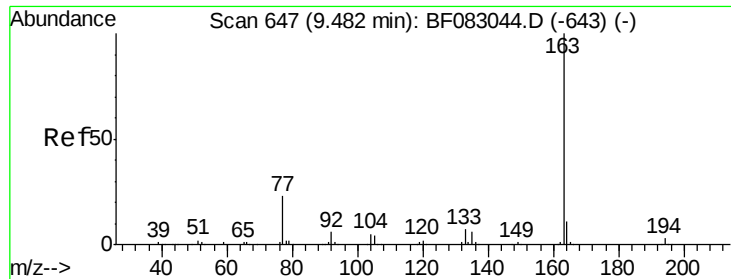


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

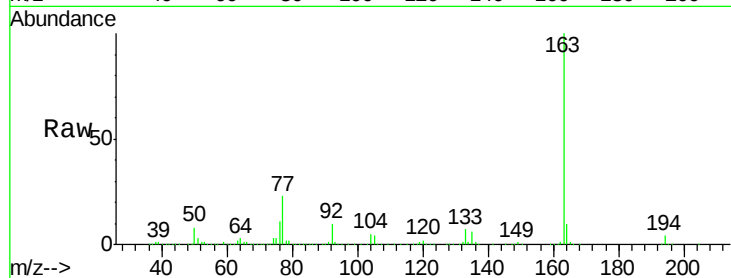




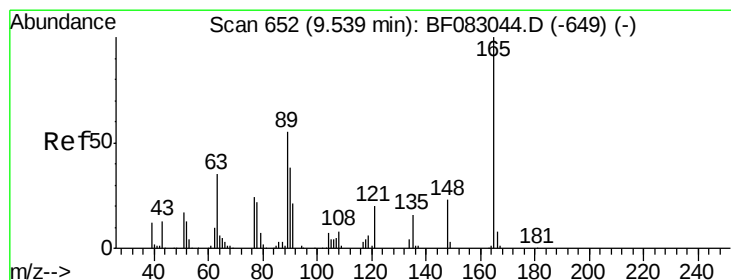
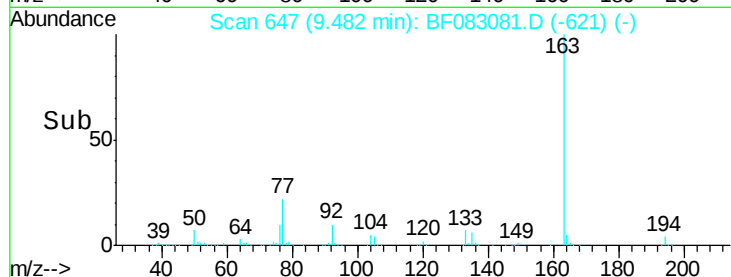
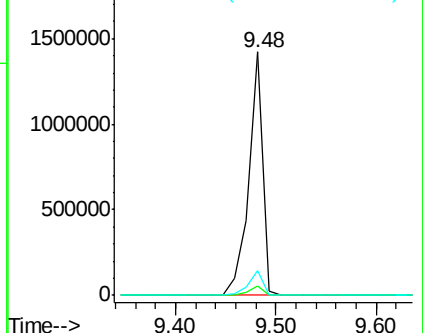
#49
Dimethylphthalate
Concen: 63.23 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

Tot Ion:163 Resp: 1367294
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.5 12.7

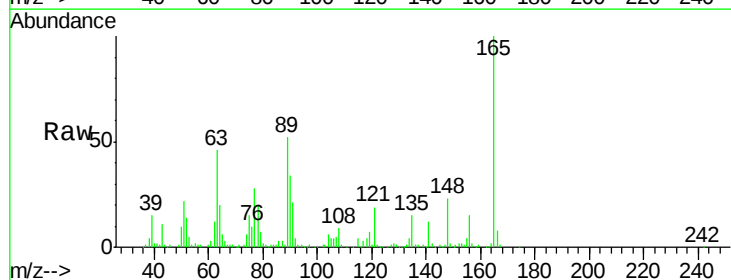


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

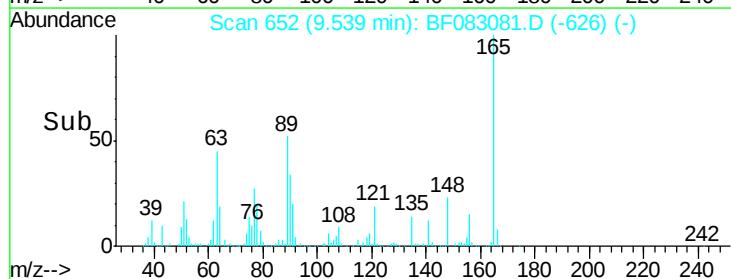
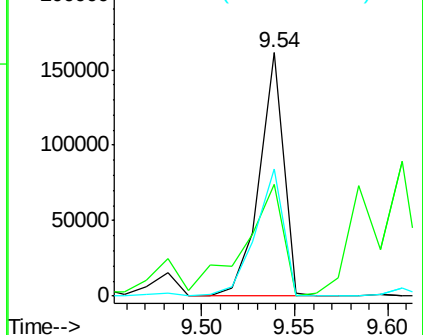


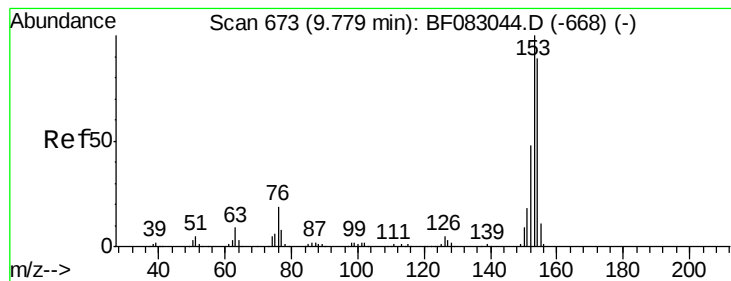
#50
2,6-Dinitrotoluene
Concen: 30.96 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:165 Resp: 144308
Ion Ratio Lower Upper
165 100
63 45.7 40.6 61.0
89 52.1 44.5 66.7



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





#51

Acenaphthene

Concen: 39.09 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

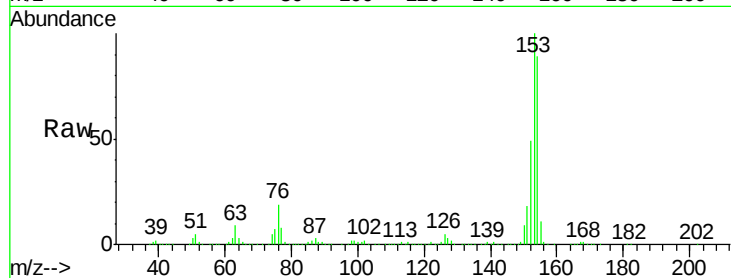
Tot Ion:154 Resp: 715239

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

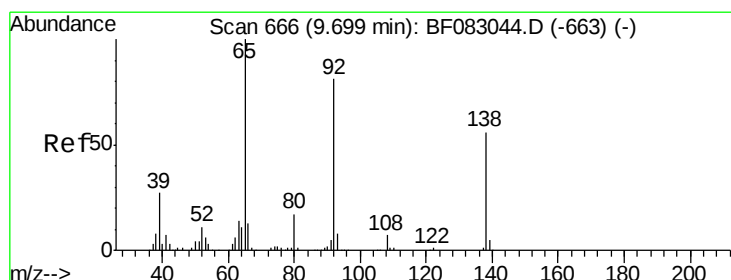
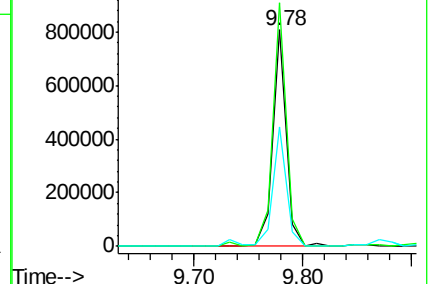
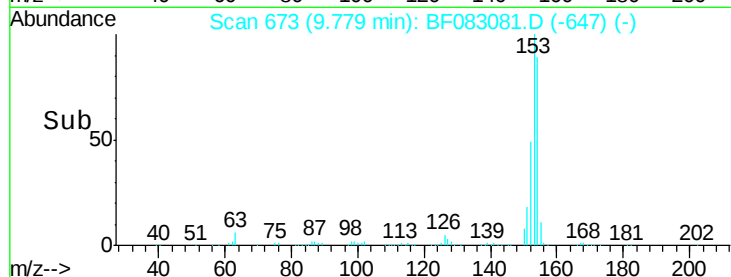
152 55.0 43.3 64.9



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: 46.30 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

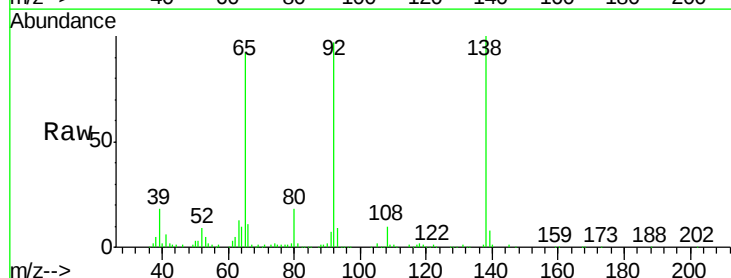
Tgt Ion:138 Resp: 246220

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

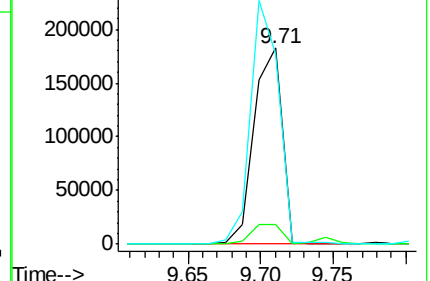
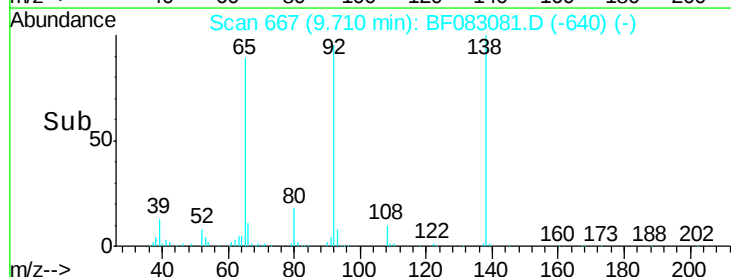
92 97.2 115.2 172.8#

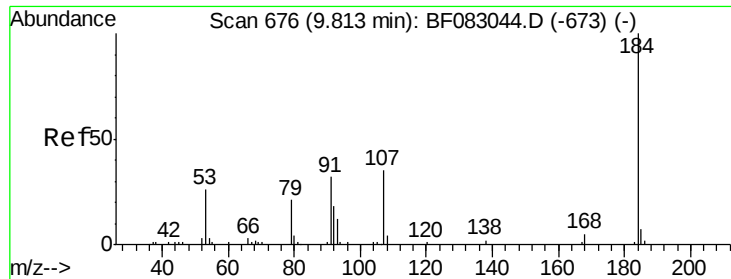


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

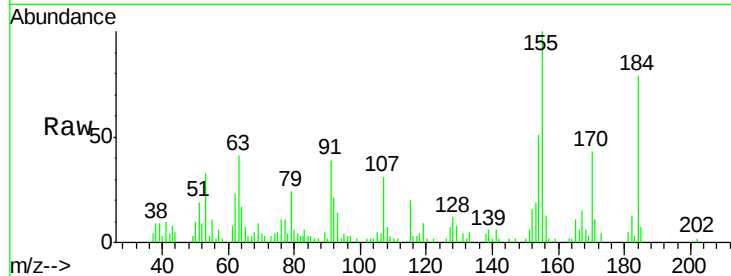




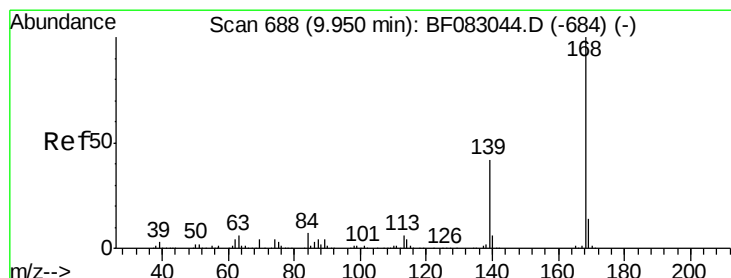
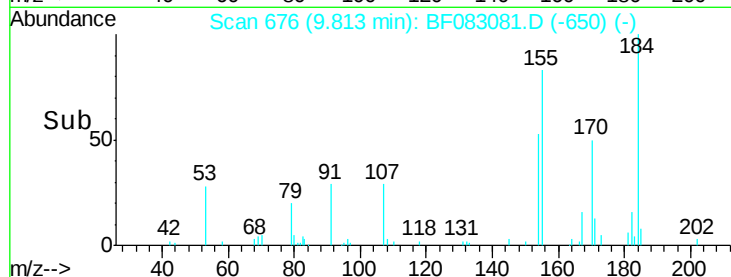
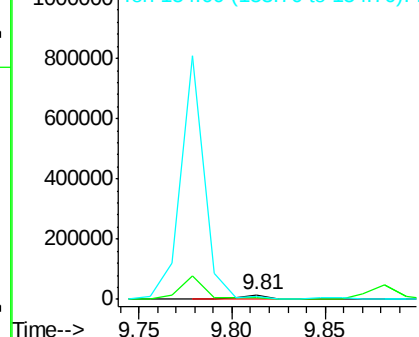
#53
2,4-Dinitrophenol
Concen: 6.80 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

Tot Ion:184 Resp: 16151
Ion Ratio Lower Upper
184 100
63 52.0 30.4 45.6#
154 64.4 44.9 67.3

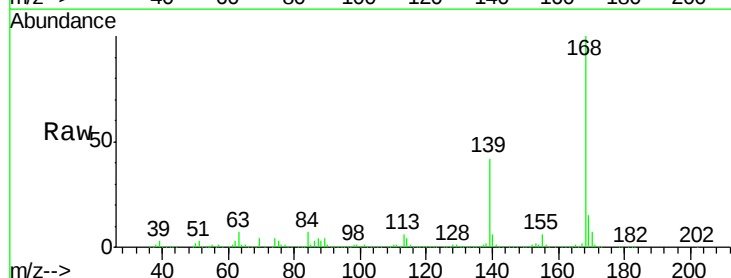


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

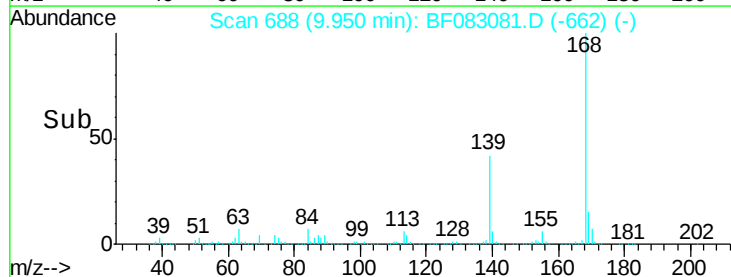
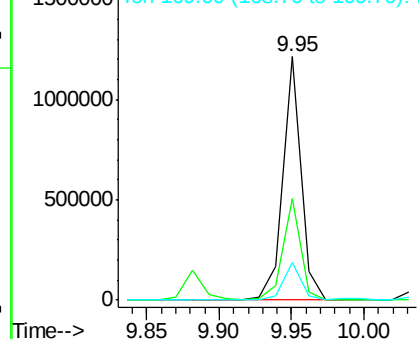


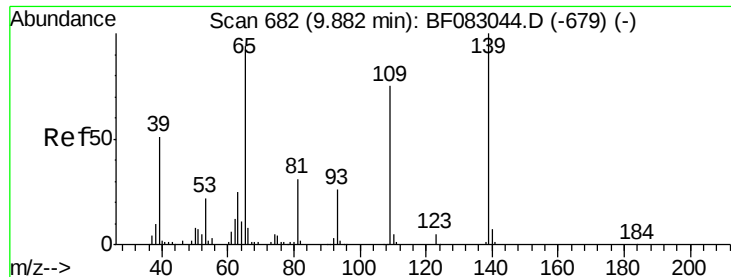
#54
Dibenzofuran
Concen: 43.38 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:168 Resp: 1063597
Ion Ratio Lower Upper
168 100
139 41.6 33.5 50.3
169 15.3 11.2 16.8



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

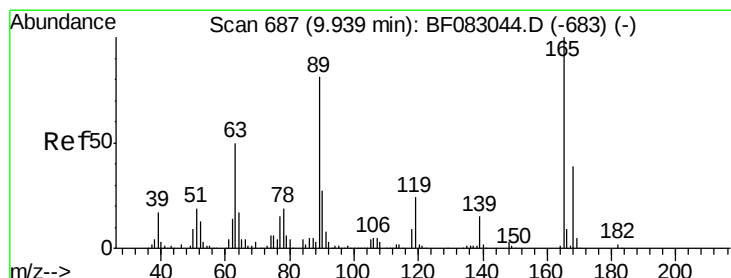
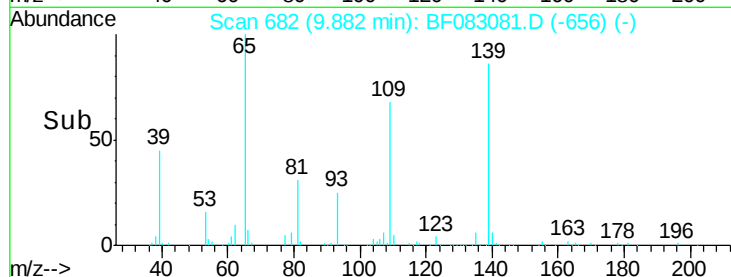
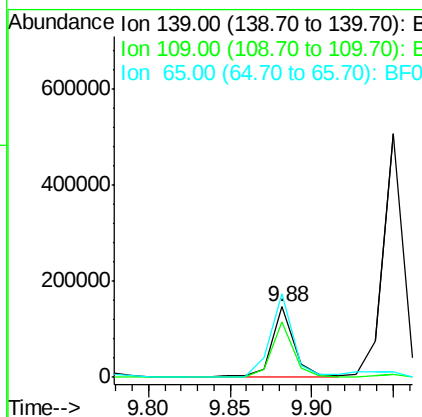
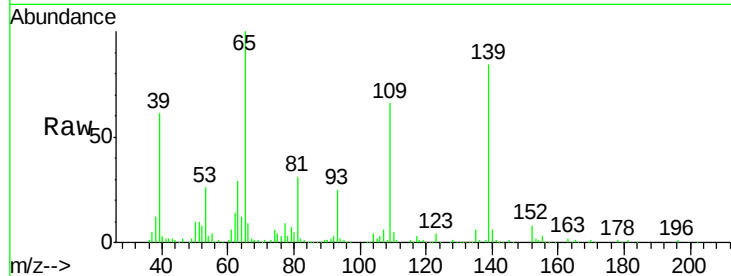




#55
4-Nitrophenol
Concen: 37.96 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

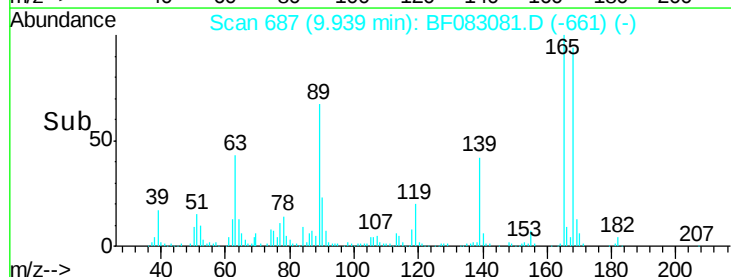
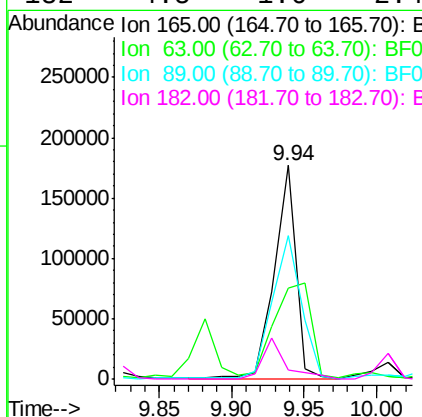
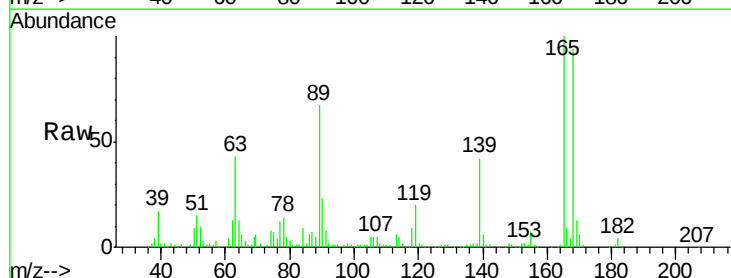
Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

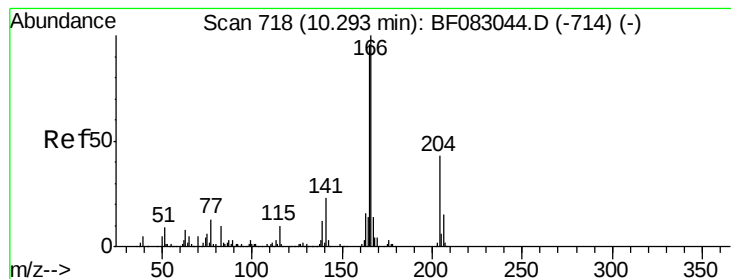
Tot Ion:139 Resp: 138545
Ion Ratio Lower Upper
139 100
109 78.5 54.6 94.6
65 118.6 74.4 114.4#



#56
2,4-Dinitrotoluene
Concen: 29.45 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:165 Resp: 183729
Ion Ratio Lower Upper
165 100
63 42.8 40.6 61.0
89 67.2 64.4 96.6
182 4.5 1.6 2.4#





#57

Fluorene

Concen: 44.09 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

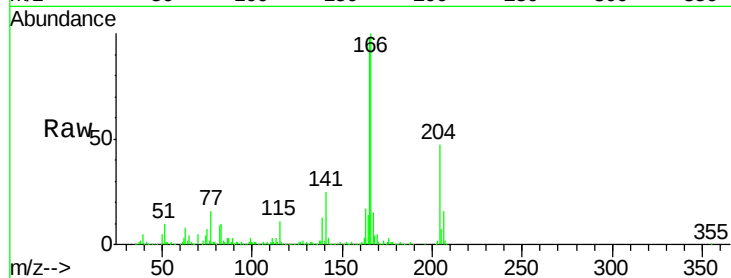
Tot Ion:166 Resp: 869781

Ion Ratio Lower Upper

166 100

165 97.8 77.1 115.7

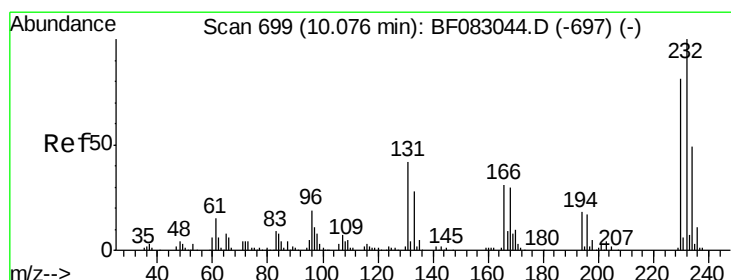
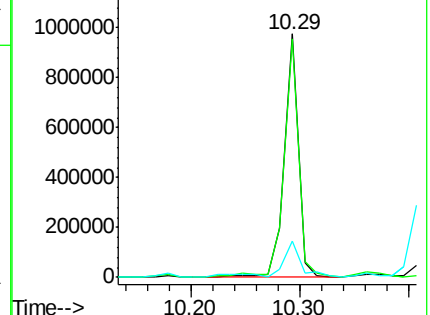
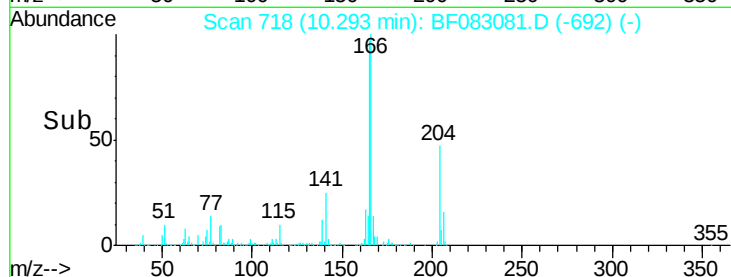
167 15.2 11.0 16.4



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: 30.51 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Tgt Ion:232 Resp: 154581

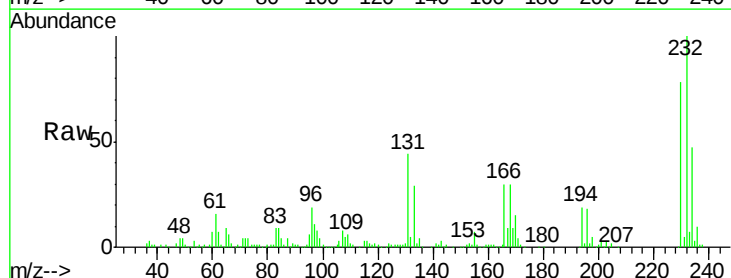
Ion Ratio Lower Upper

232 100

131 45.4 36.5 54.7

130 2.9 1.8 2.6#

166 31.2 25.4 38.0

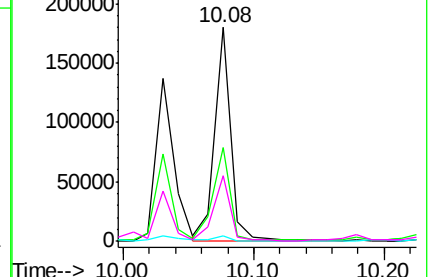
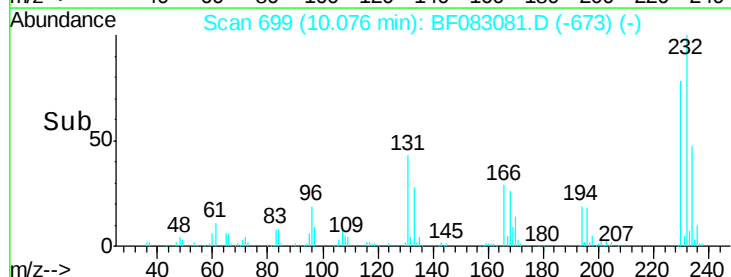


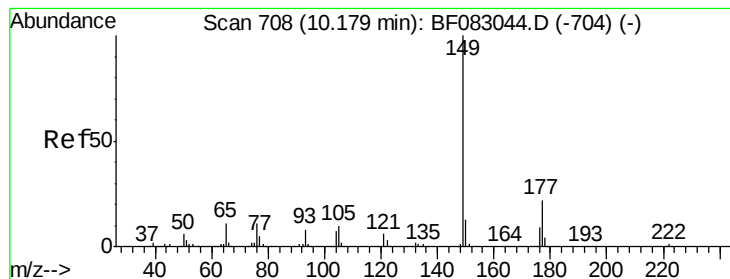
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.42 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

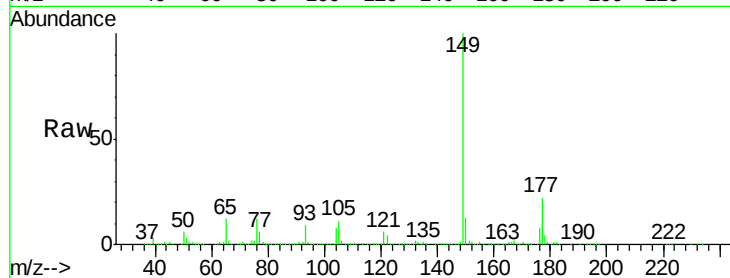
Tot Ion:149 Resp: 915584

Ion Ratio Lower Upper

149 100

177 21.7 17.4 26.2

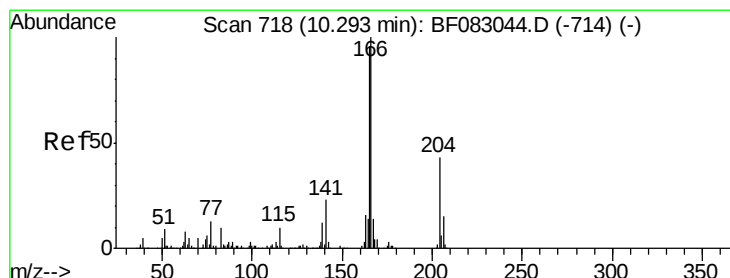
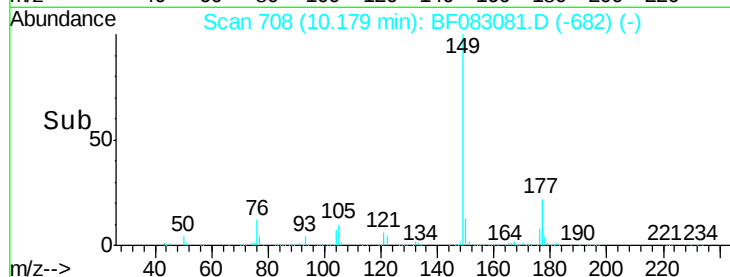
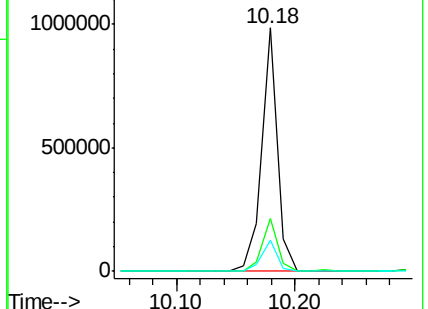
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.72 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

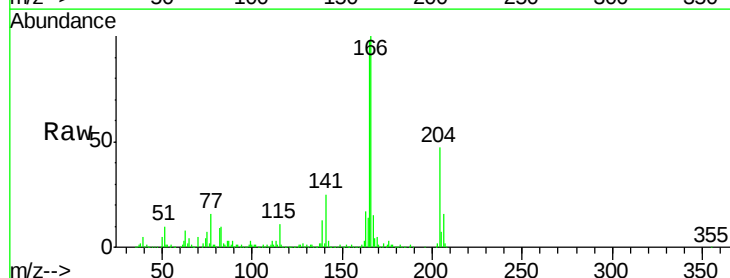
Tgt Ion:204 Resp: 422414

Ion Ratio Lower Upper

204 100

206 35.0 28.2 42.4

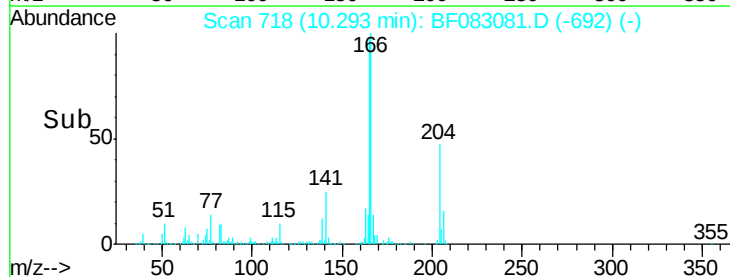
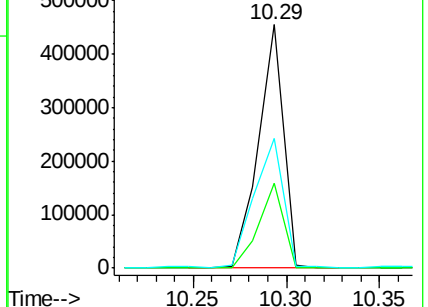
141 53.2 41.8 62.8

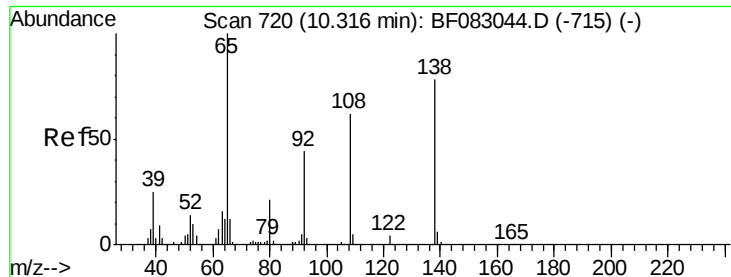


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

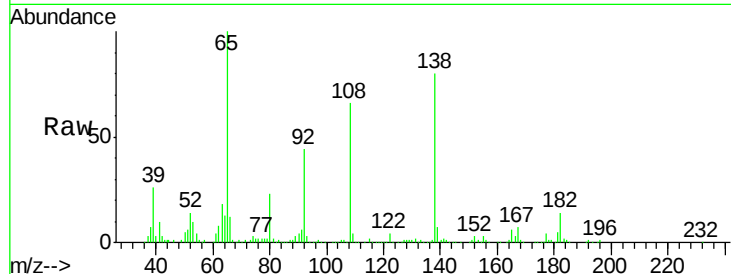




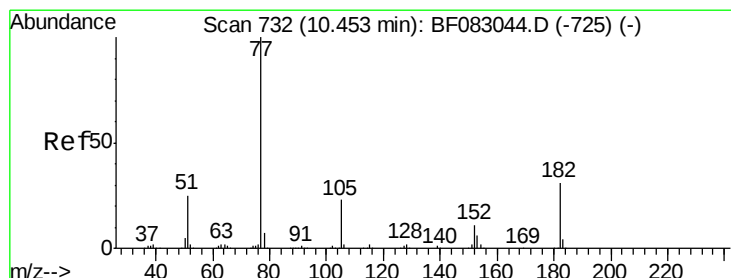
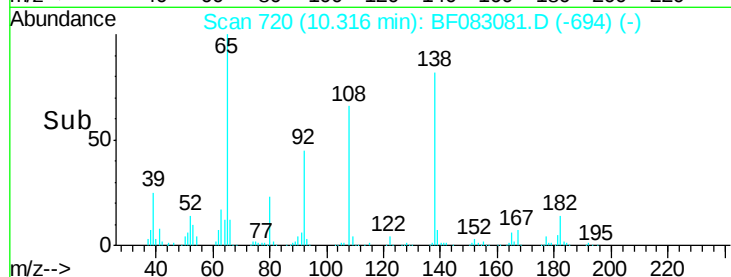
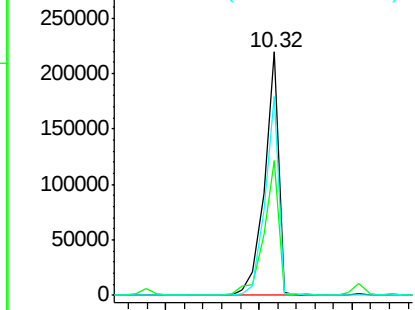
#61
4-Nitroaniline
Concen: 43.34 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

Tot Ion:138 Resp: 235373
Ion Ratio Lower Upper
138 100
92 55.3 36.4 76.4
108 81.7 59.6 99.6

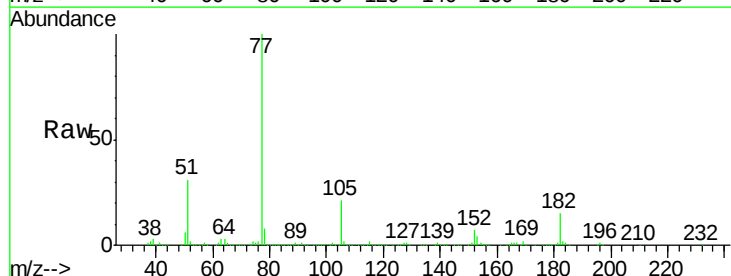


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

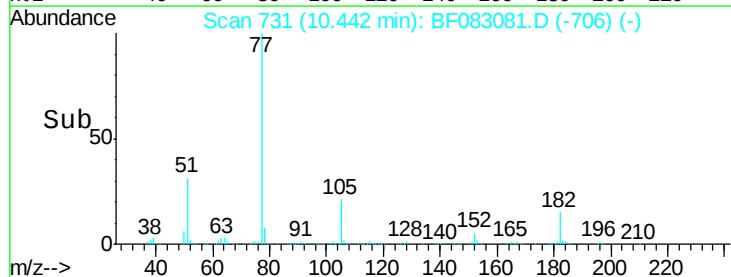
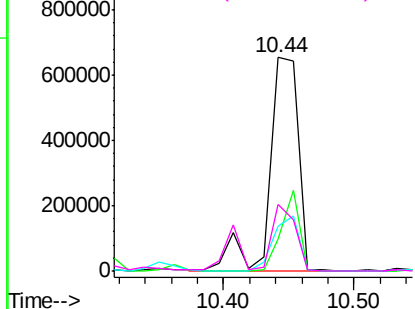


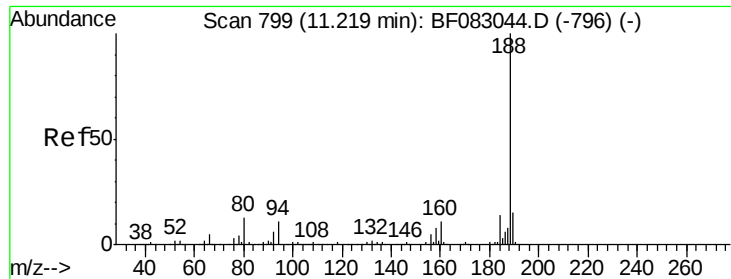
#62
Azobenzene
Concen: 43.07 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion: 77 Resp: 1017303
Ion Ratio Lower Upper
77 100
182 15.1 10.8 50.8
105 21.2 3.4 43.4
51 31.4 4.7 44.7



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

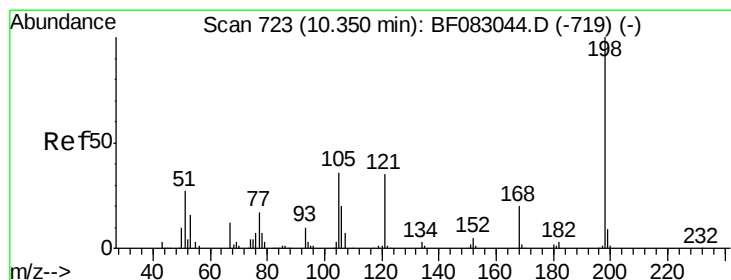
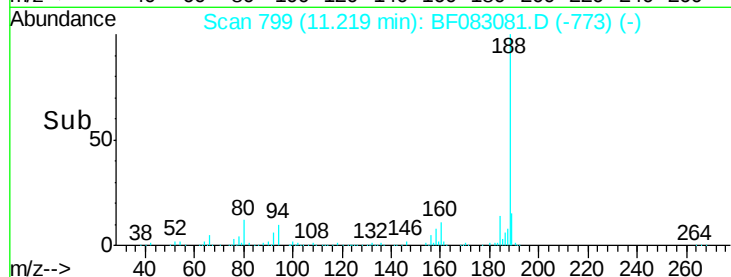
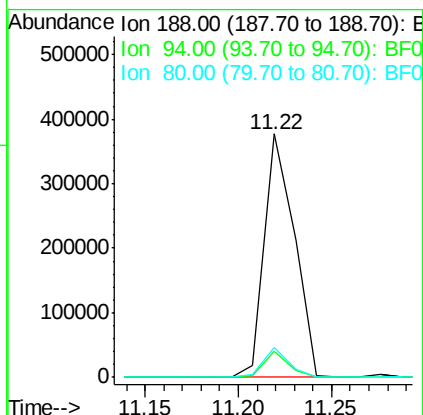
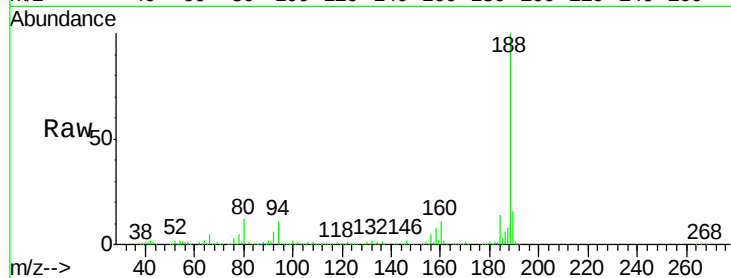




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

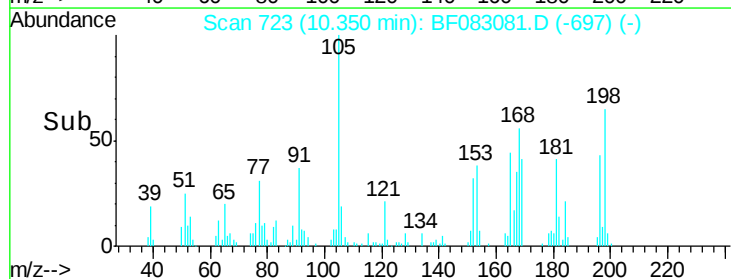
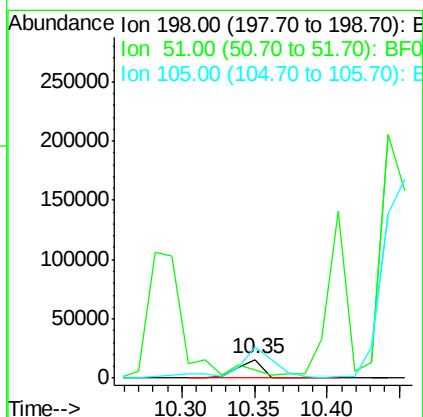
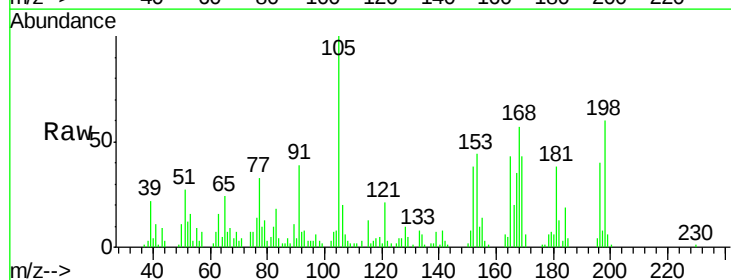
Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

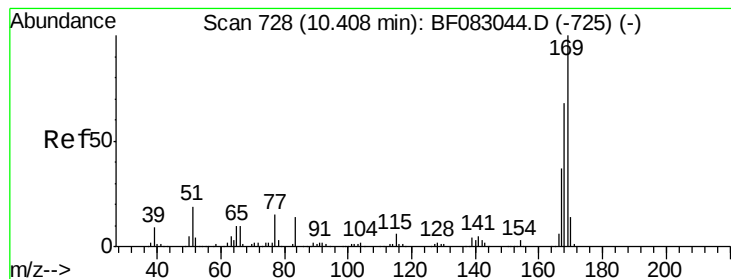
Tot Ion:188 Resp: 419579
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 12.4 10.2 15.4



#64
4,6-Dinitro-2-methylphenol
Concen: 7.06 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:198 Resp: 18882
Ion Ratio Lower Upper
198 100
51 44.8 11.1 51.1
105 167.8 16.5 56.5#





#65

n-Nitrosodiphenylamine

Concen: 49.86 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

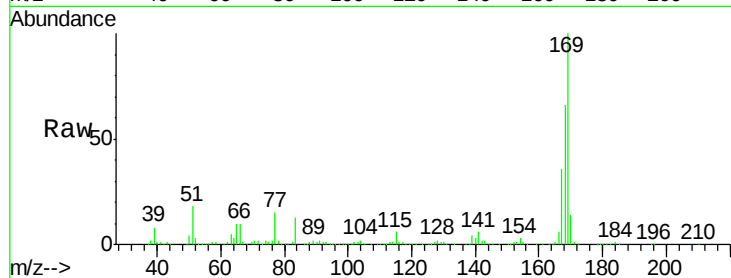
Tot Ion:169 Resp: 733078

Ion Ratio Lower Upper

169 100

168 66.5 54.2 81.2

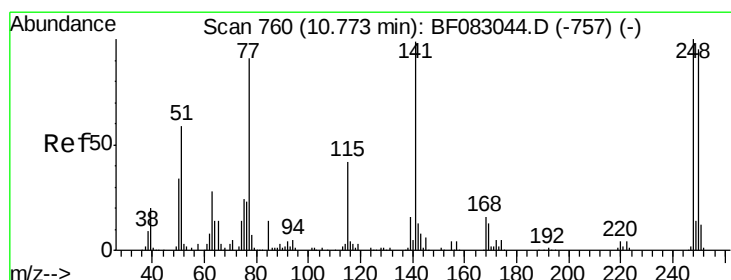
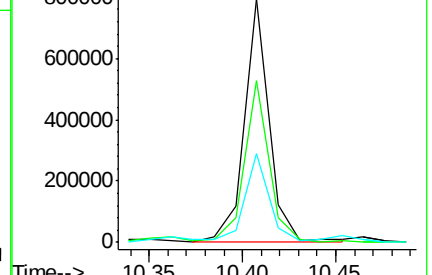
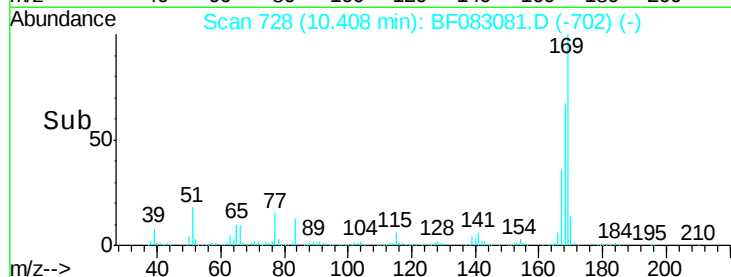
167 36.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.69 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

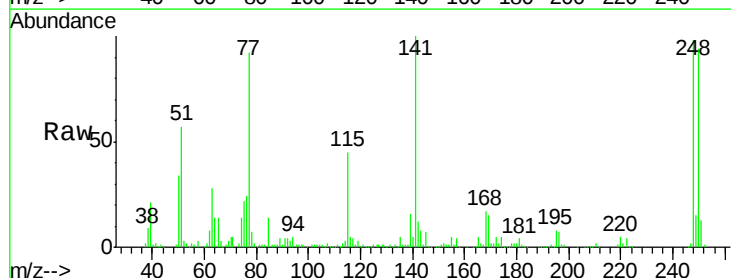
Tgt Ion:248 Resp: 222030

Ion Ratio Lower Upper

248 100

250 96.4 76.1 114.1

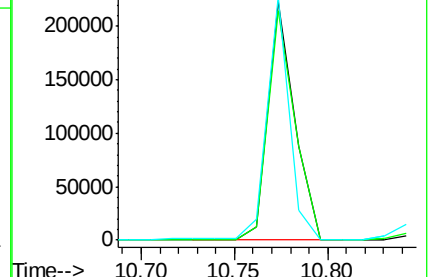
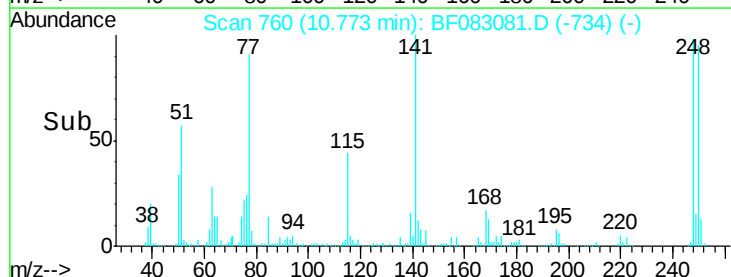
141 102.1 79.2 118.8

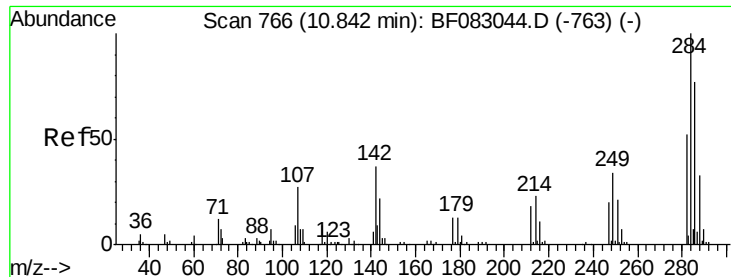


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.82 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

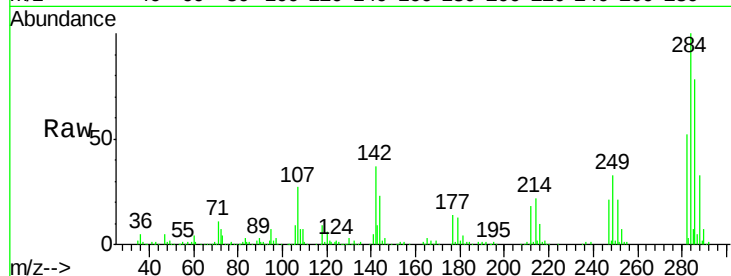
Tot Ion:284 Resp: 243567

Ion Ratio Lower Upper

284 100

142 37.4 29.5 44.3

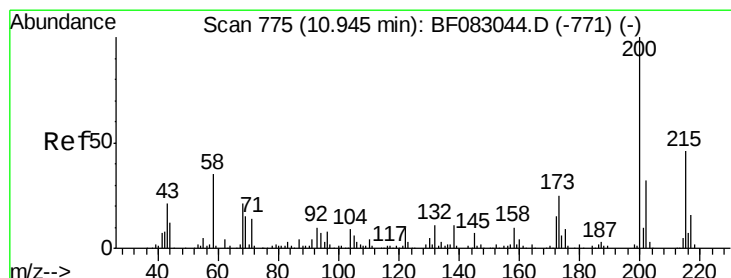
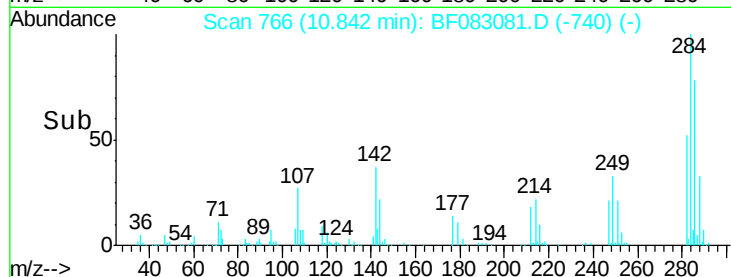
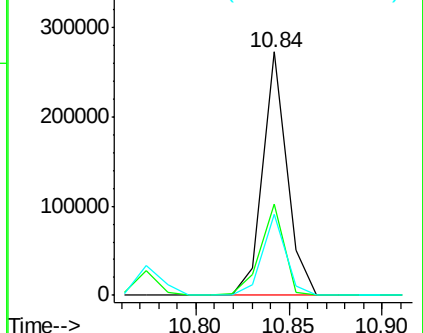
249 33.3 27.2 40.8



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: 49.18 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

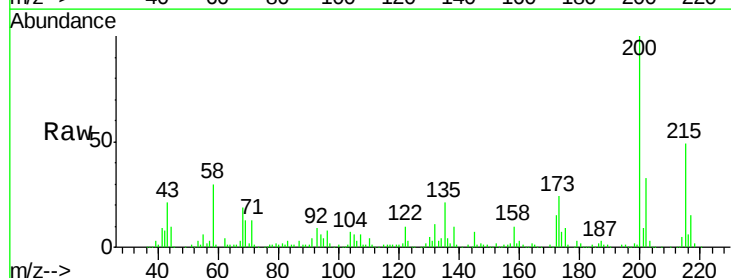
Tgt Ion:200 Resp: 226523

Ion Ratio Lower Upper

200 100

173 24.5 4.9 44.9

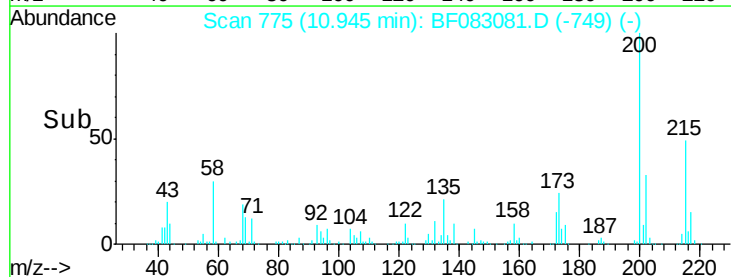
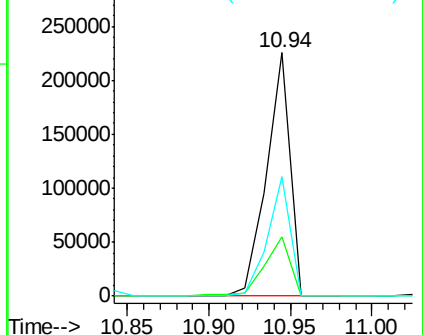
215 49.0 25.5 65.5

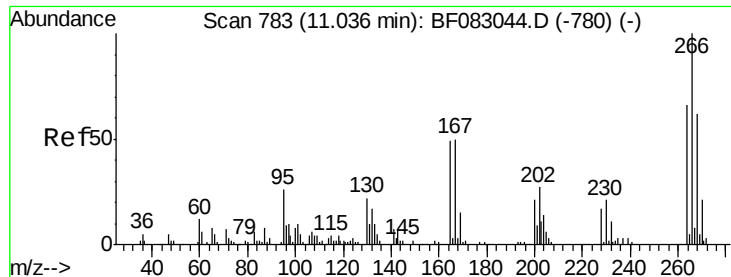


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

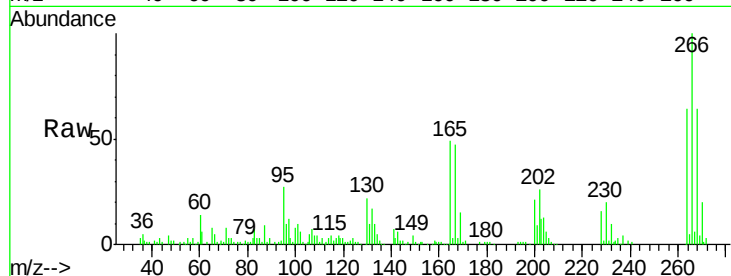




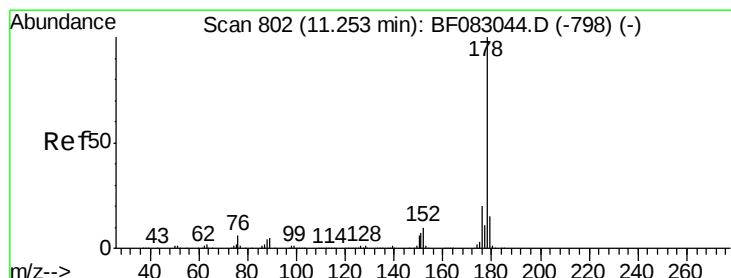
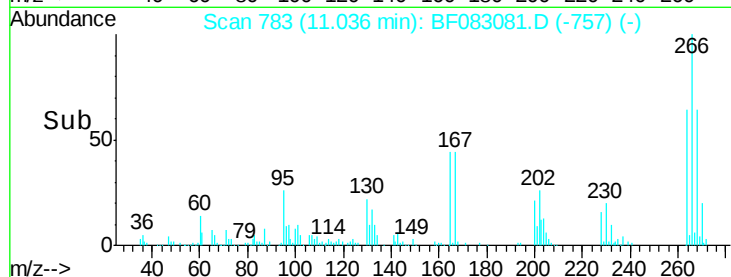
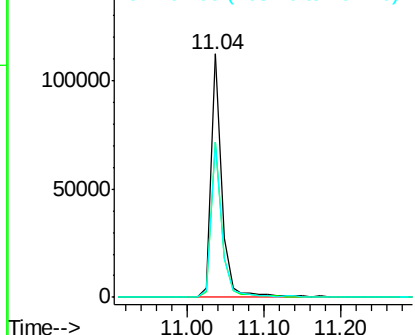
#69
 Pentachlorophenol
 Concen: 40.55 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

Tot Ion:266 Resp: 110003
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.6 74.4
 264 64.0 52.7 79.1

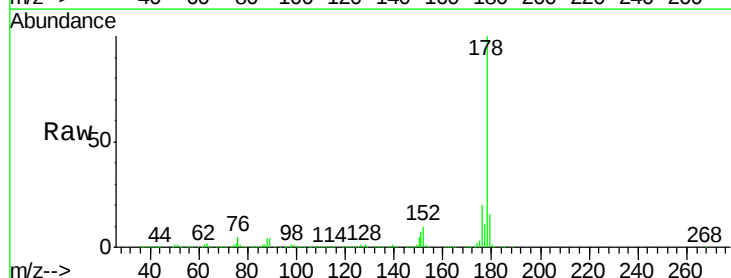


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

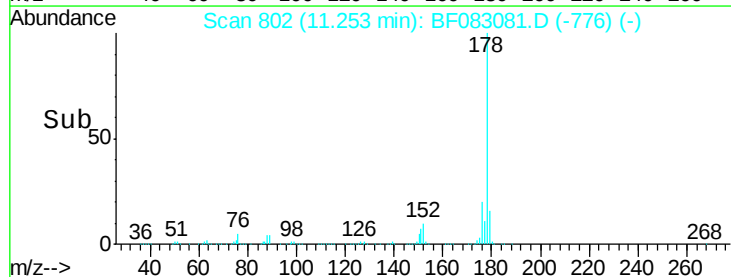
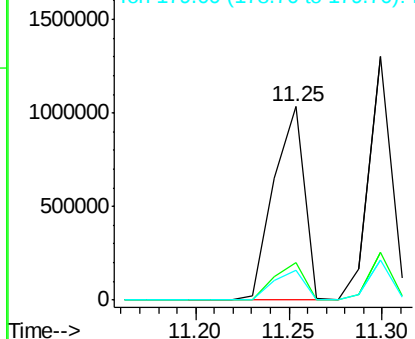


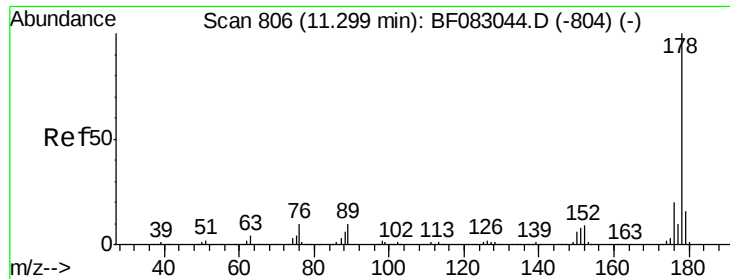
#70
 Phenanthrene
 Concen: 46.73 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:178 Resp: 1182954
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.7 12.3 18.5



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

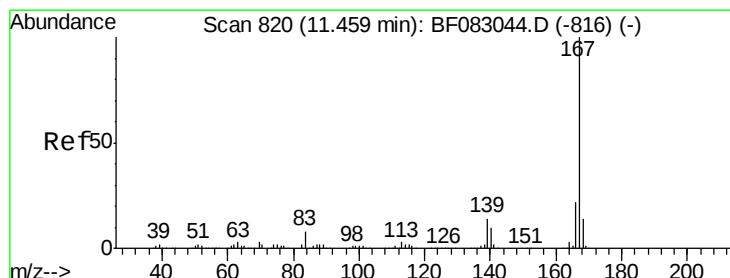
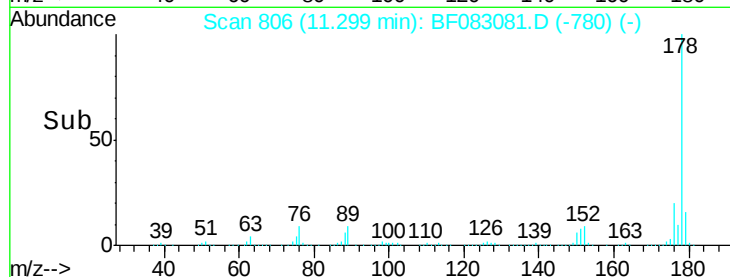
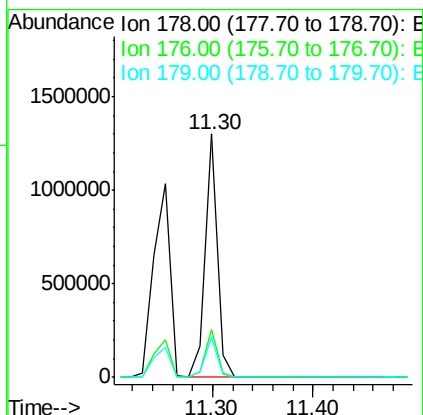
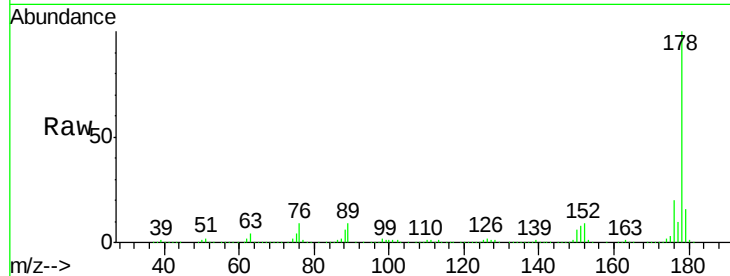




#71
 Anthracene
 Concen: 42.79 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

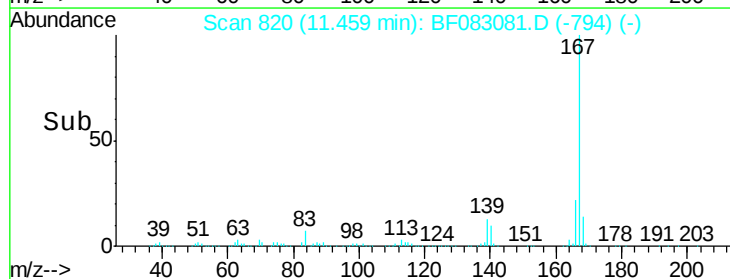
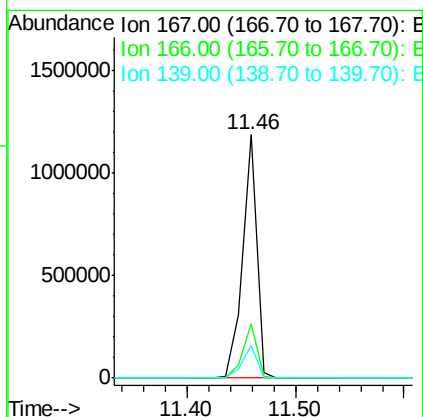
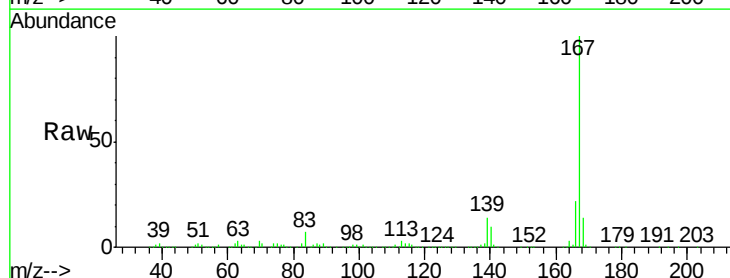
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

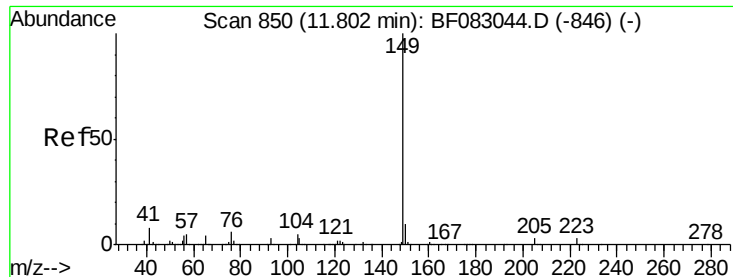
Tot Ion:178 Resp: 1091058
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.5 13.1 19.7



#72
 Carbazole
 Concen: 47.19 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:167 Resp: 1051938
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.5 11.0 16.4





#73

Di-n-butylphthalate

Concen: 47.23 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

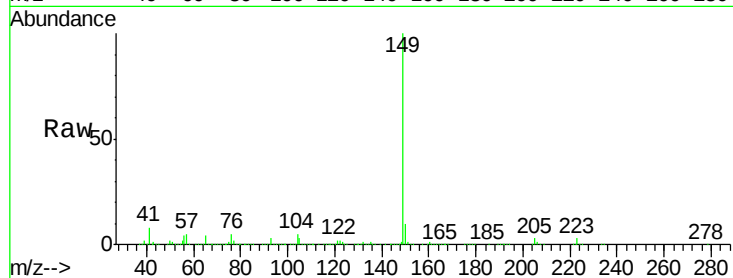
Tot Ion:149 Resp: 1327557

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

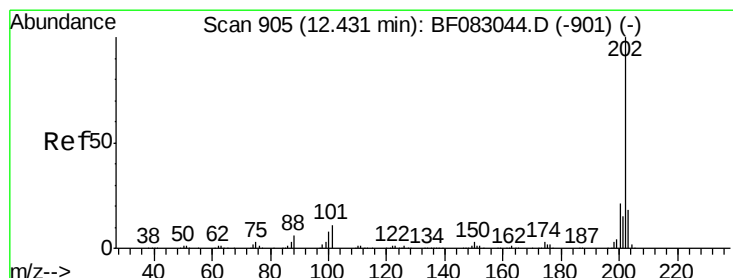
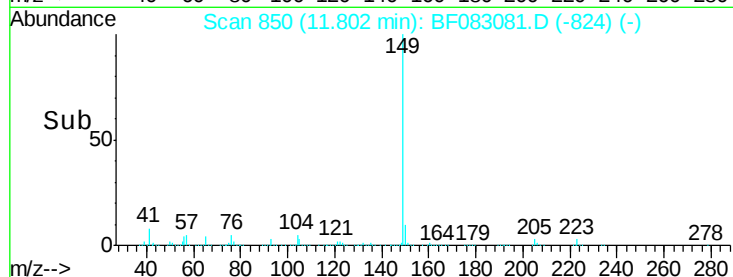
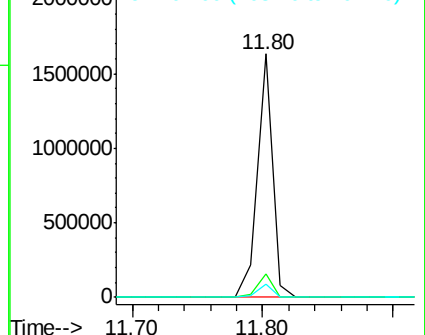
104 5.3 4.3 6.5



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: 39.82 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

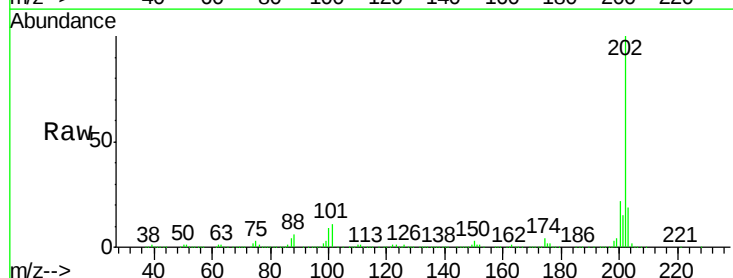
Tgt Ion:202 Resp: 1050444

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.1

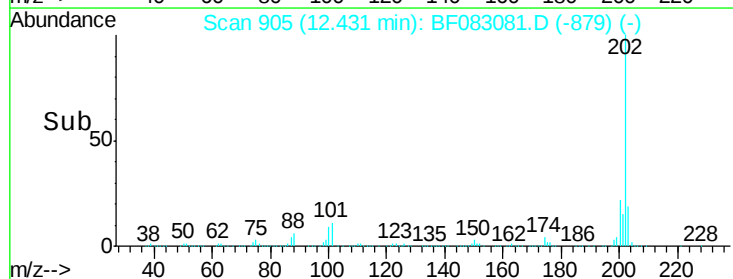
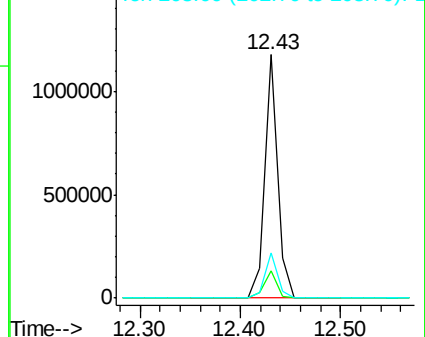
203 18.7 0.0 38.4

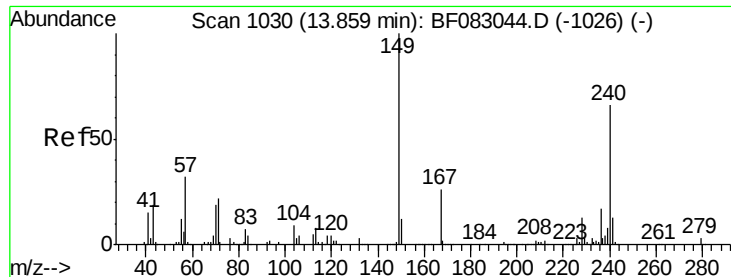


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

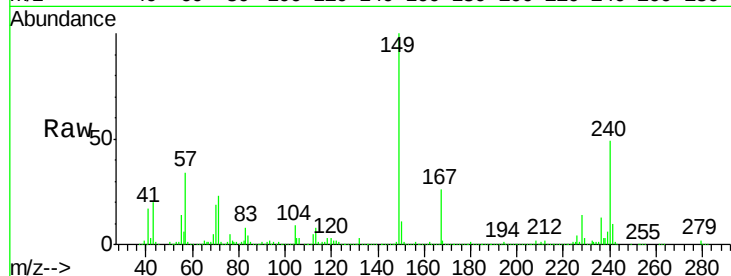
Tot Ion:240 Resp: 363866

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

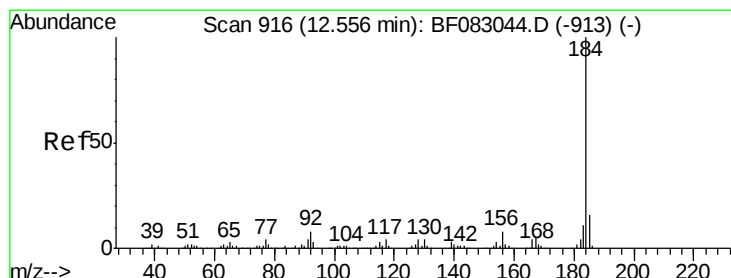
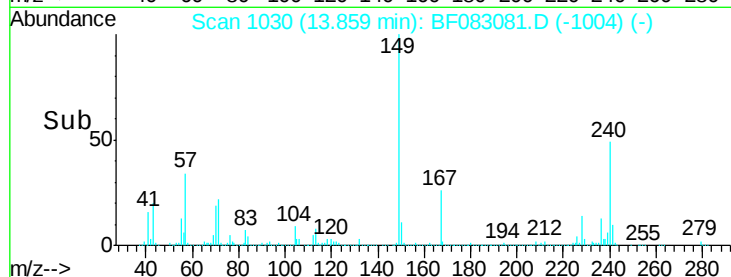
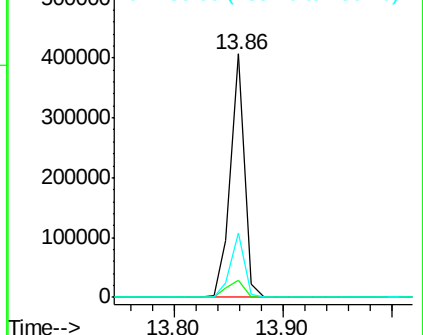
236 26.6 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.48 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

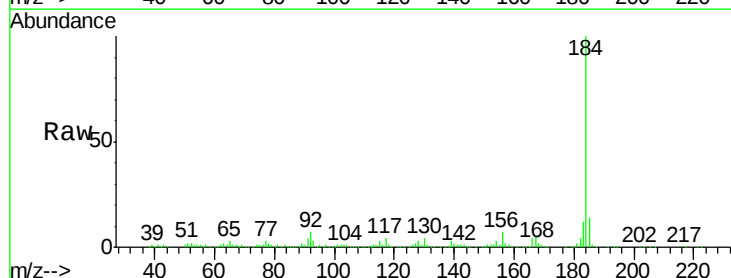
Tgt Ion:184 Resp: 339060

Ion Ratio Lower Upper

184 100

185 14.2 12.6 19.0

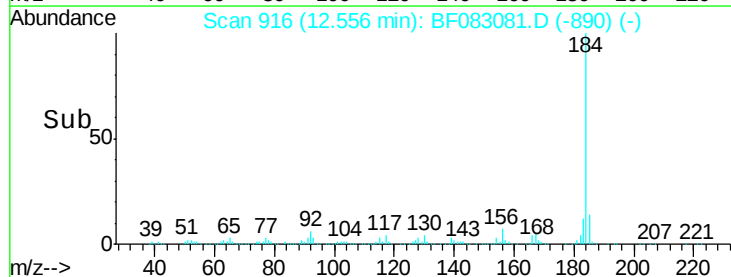
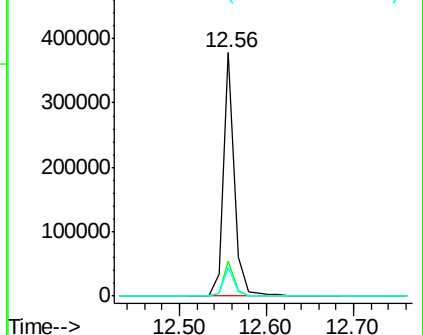
183 11.6 9.0 13.4

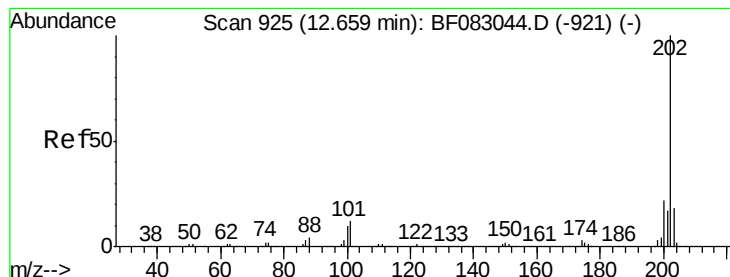


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.86 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

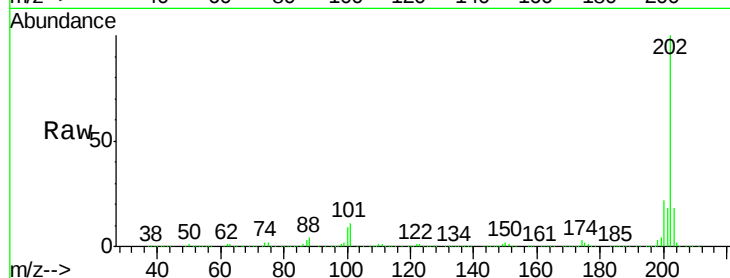
BNA_F

ClientSampleId :

RW-20151116-04MS

Tot Ion:202 Resp: 1149091

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.4	14.6	22.0

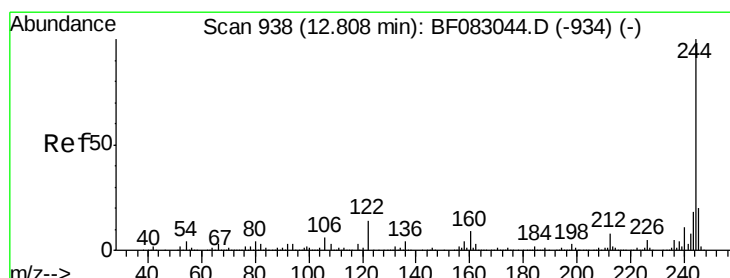
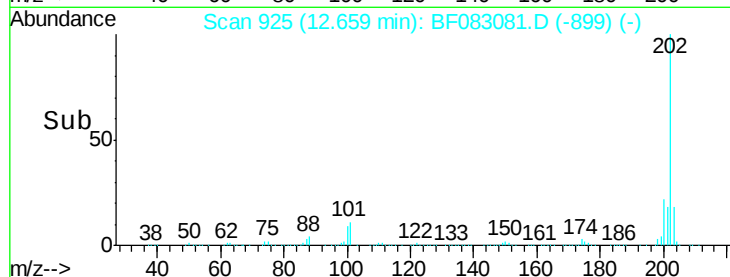
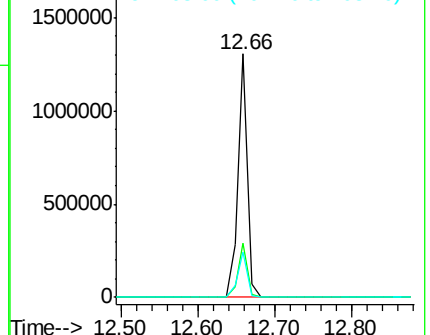


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.30 ng

RT: 12.81 min Scan# 938

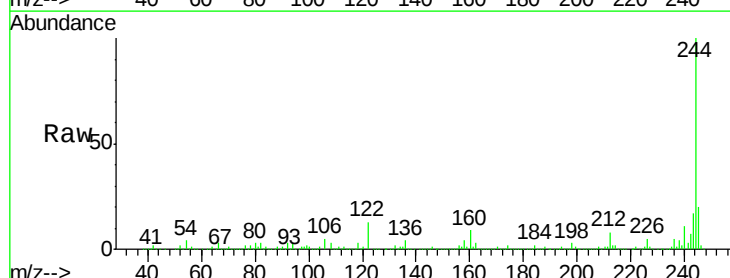
Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Tgt Ion:244 Resp: 1376405

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	13.4	10.9	16.3

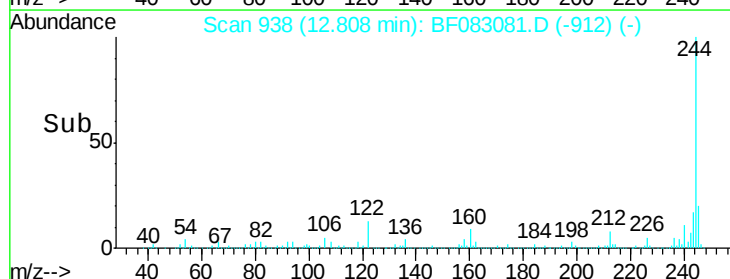
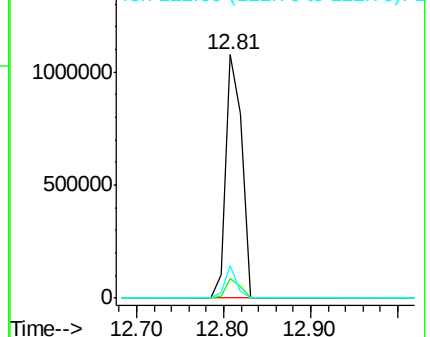


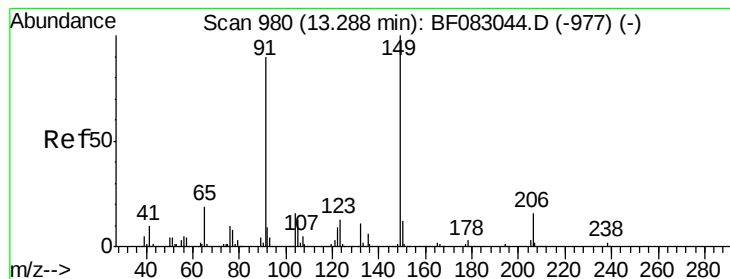
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.90 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

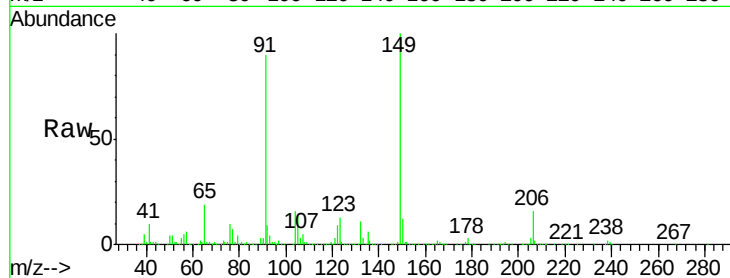
Tot Ion:149 Resp: 496967

Ion Ratio Lower Upper

149 100

91 90.4 71.9 107.9

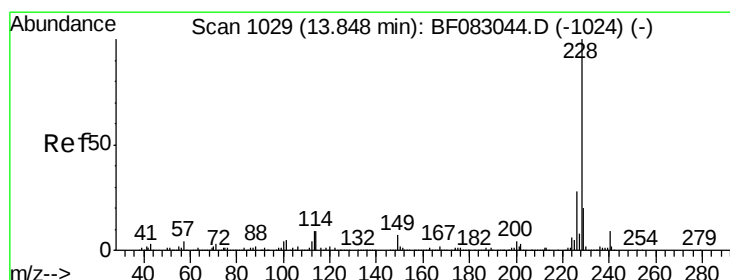
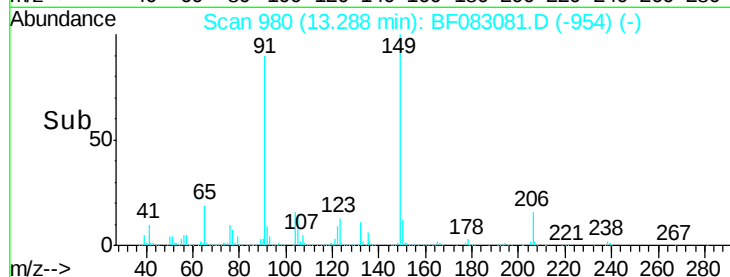
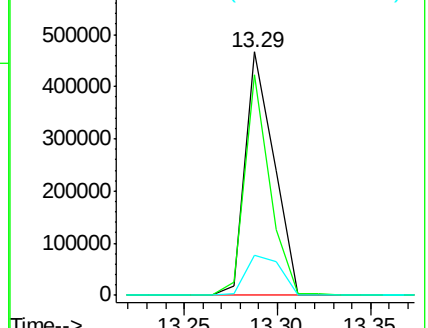
206 16.2 13.1 19.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.66 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

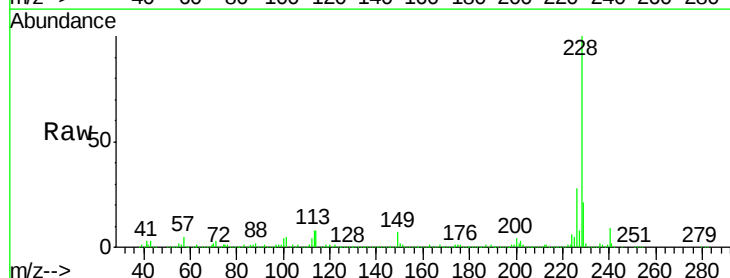
Tgt Ion:228 Resp: 1102054

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

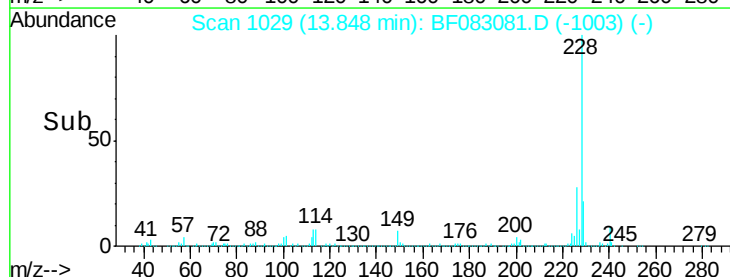
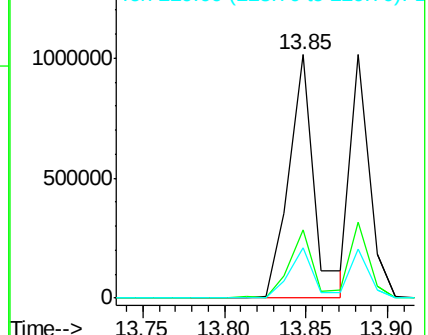
229 20.9 16.1 24.1

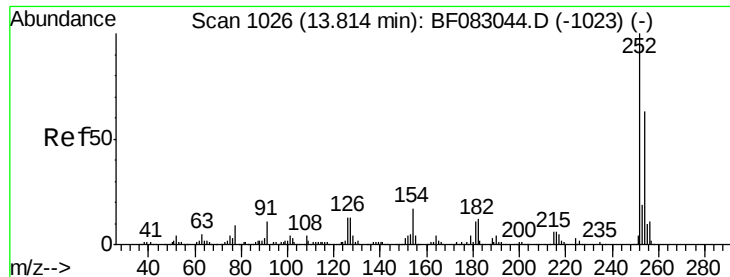


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

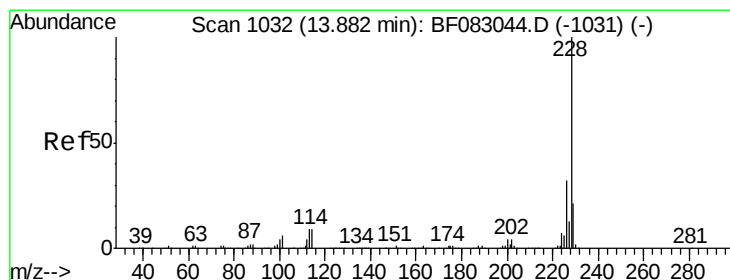
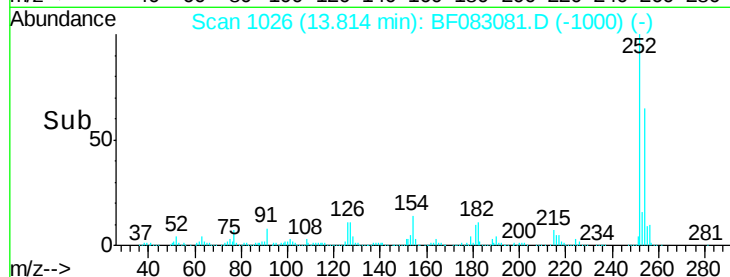
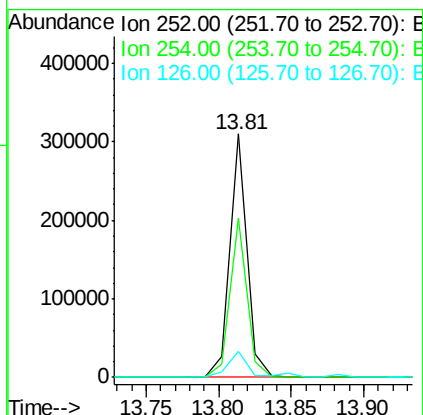
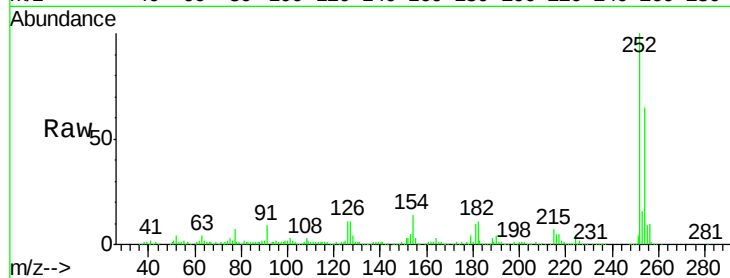




#81
 3,3'-Dichlorobenzidine
 Concen: 32.82 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

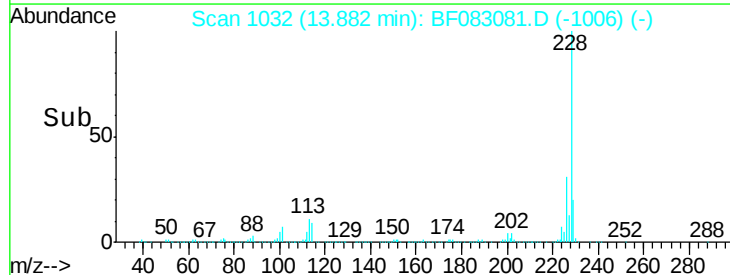
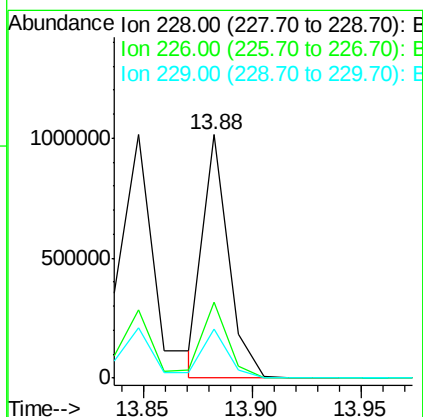
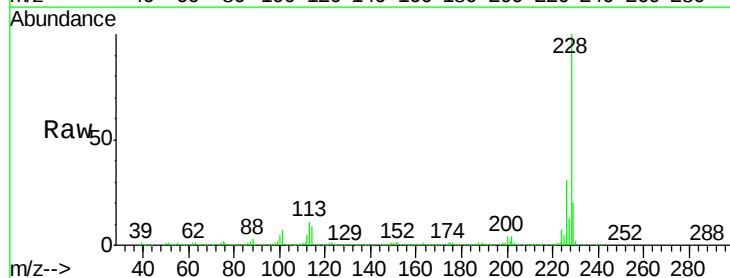
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-04MS

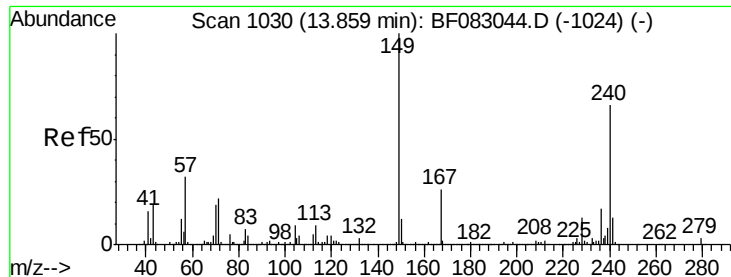
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	76.0
126	10.6	10.2	15.4



#82
 Chrysene
 Concen: 38.98 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.3	37.9
229	20.1	16.4	24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.92 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

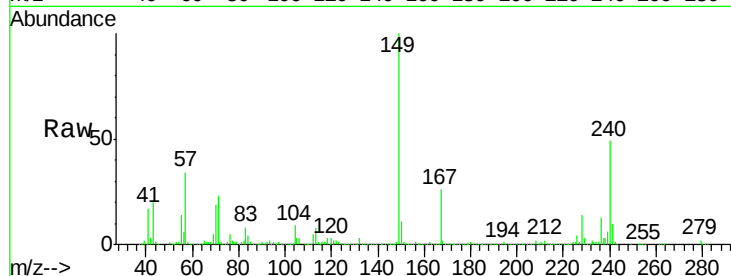
Tot Ion:149 Resp: 724071

Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

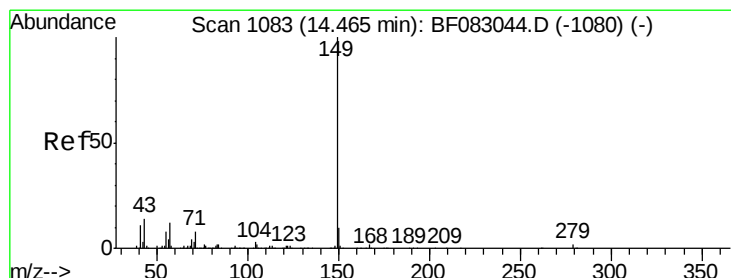
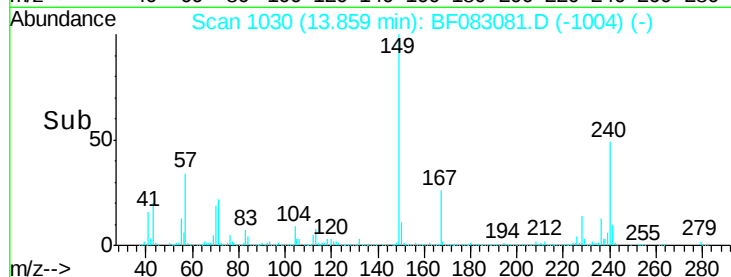
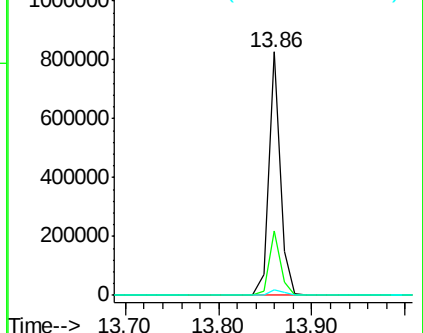
279 2.3 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.13 ng

RT: 14.48 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

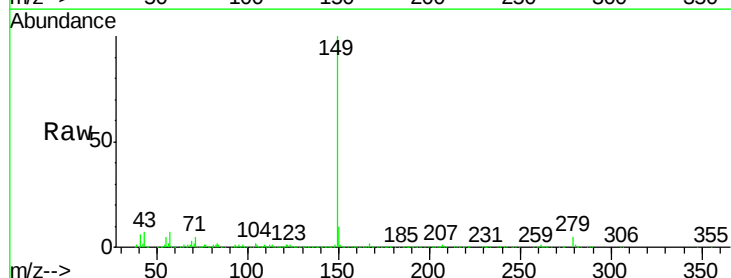
Tgt Ion:149 Resp: 1184577

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

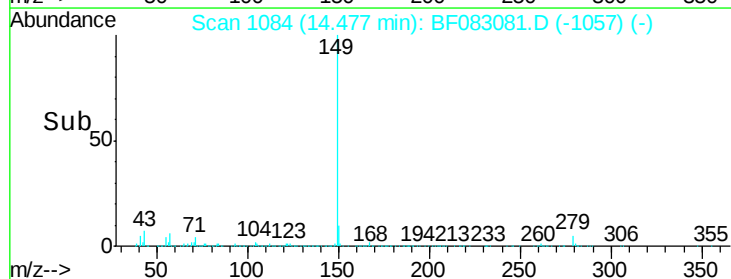
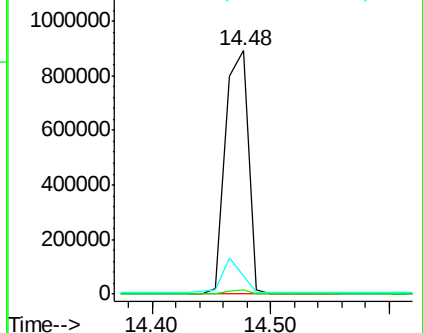
43 11.8 8.8 13.2

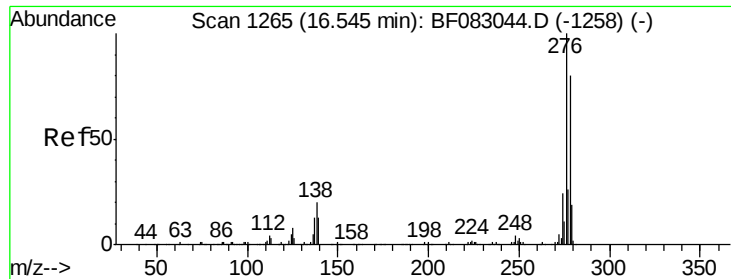


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.85 ng

RT: 16.55 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

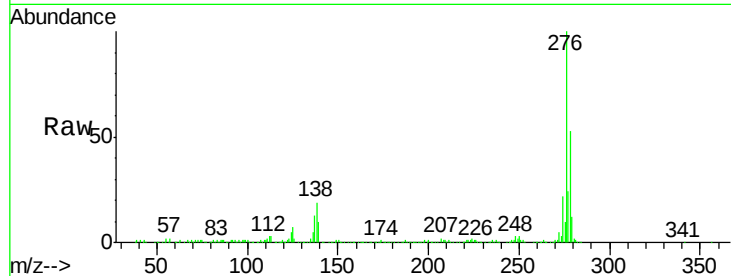
Tot Ion:276 Resp: 773756

Ion Ratio Lower Upper

276 100

138 20.4 16.3 24.5

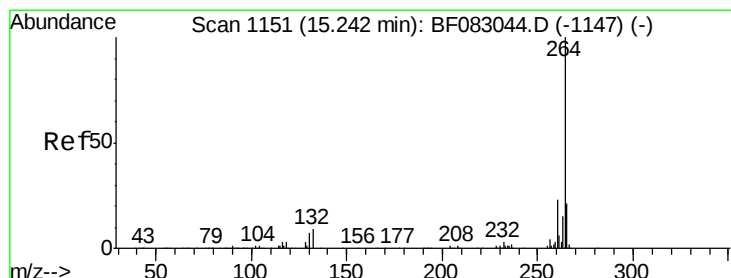
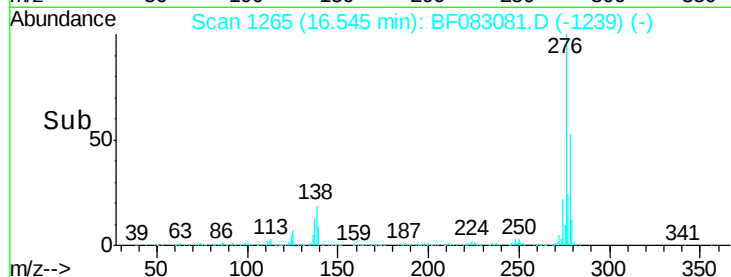
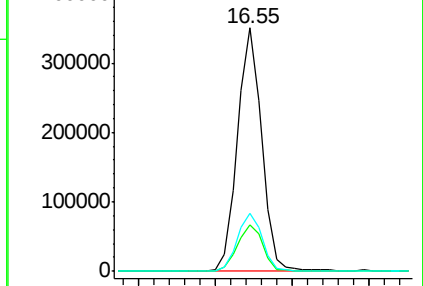
277 25.0 19.8 29.8



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: 15.24 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

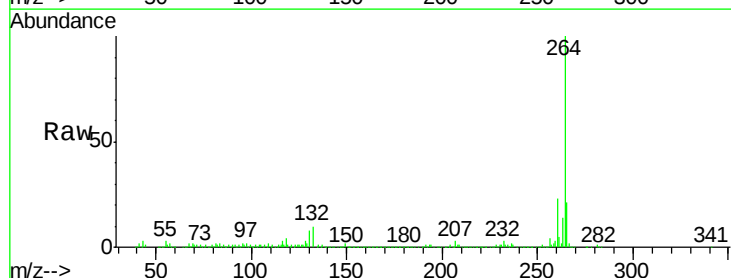
Tgt Ion:264 Resp: 318791

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

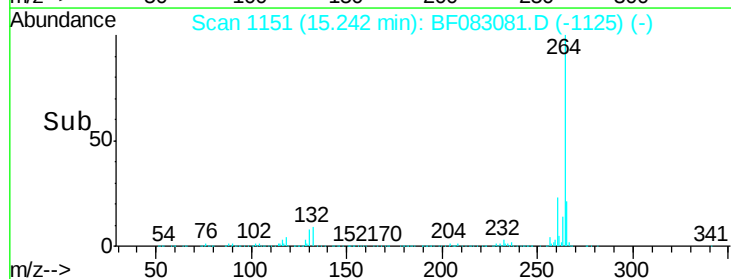
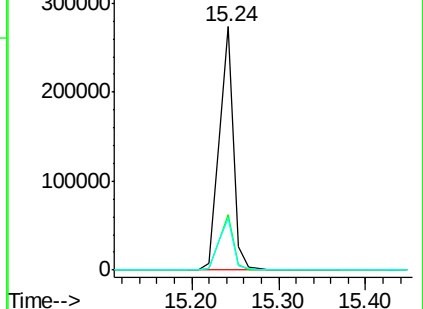
265 21.0 17.0 25.6

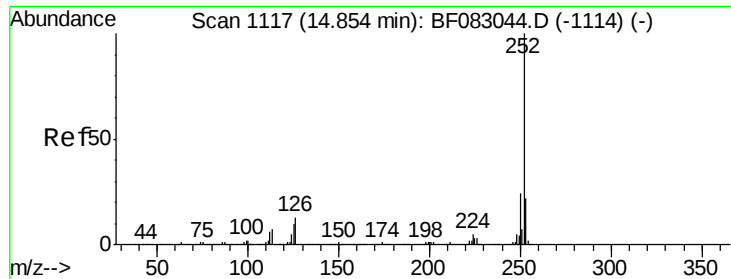


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.85 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

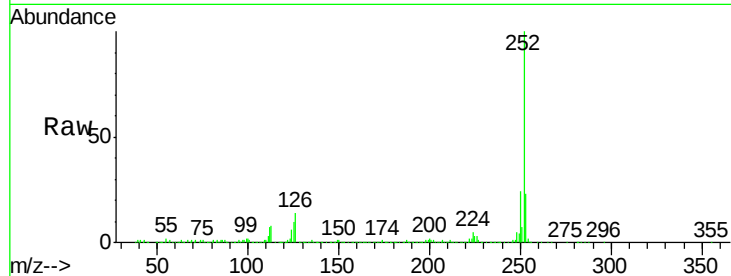
Tot Ion:252 Resp: 1111237

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

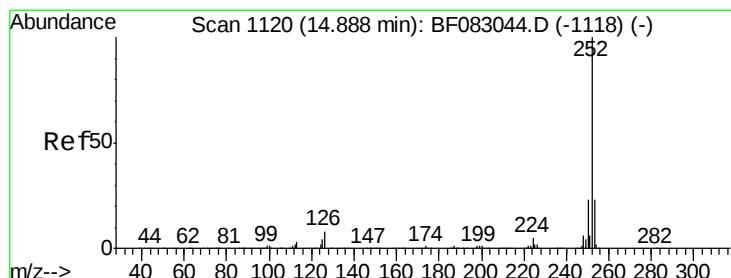
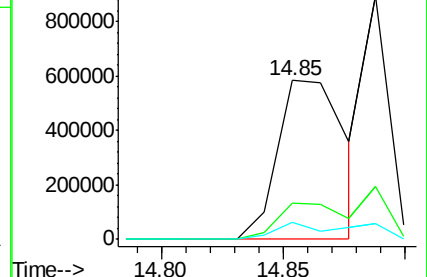
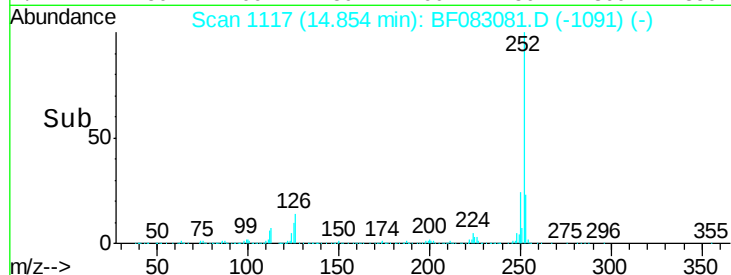
125 10.4 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.24 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

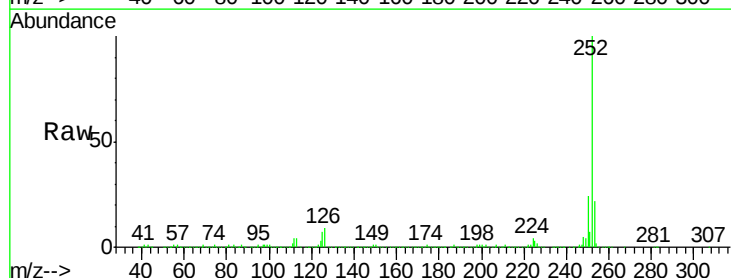
Tgt Ion:252 Resp: 666301

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

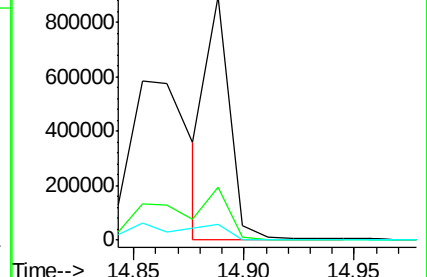
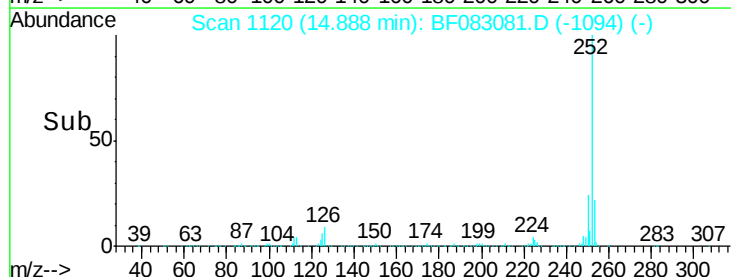
125 6.6 3.8 5.6#

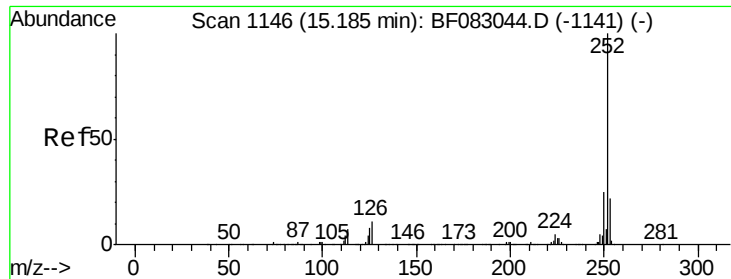


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

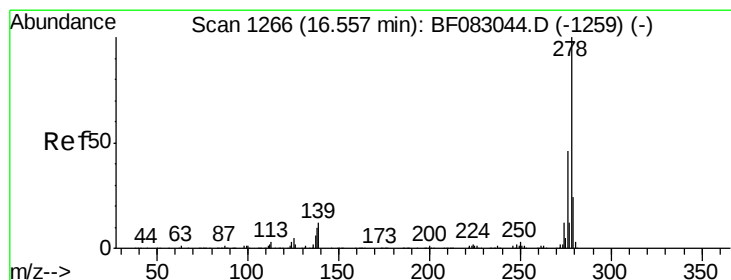
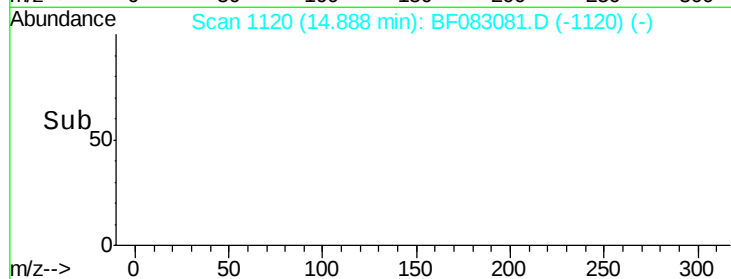
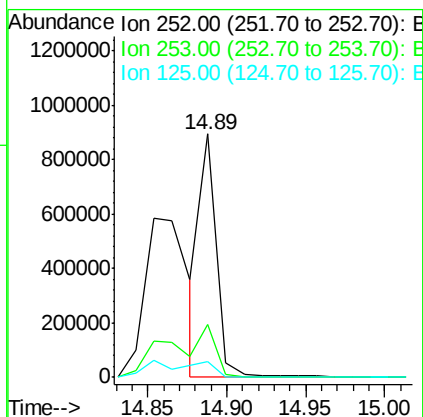
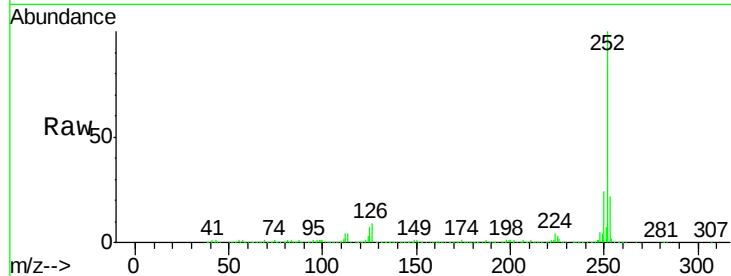




#89
Benzo(a)pyrene
Concen: 37.51 ng/mL
RT: 14.89 min Scan# 1120
Delta R.T. -0.30 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

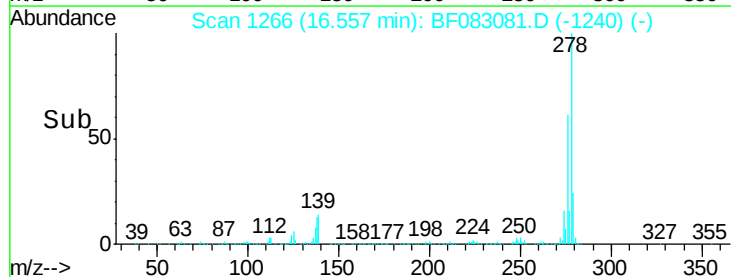
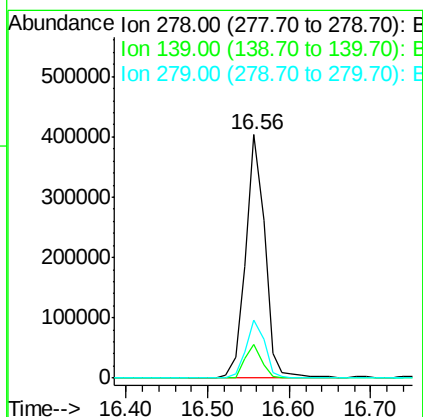
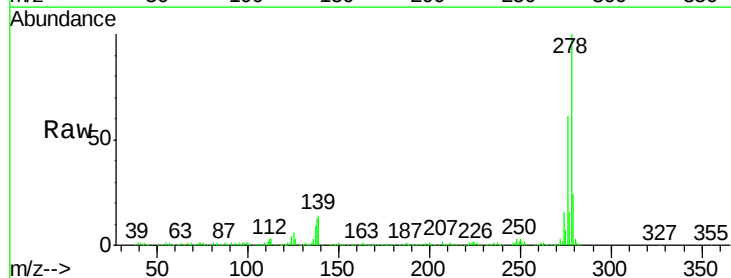
Instrument :
BNA_F
ClientSampleId :
RW-20151116-04MS

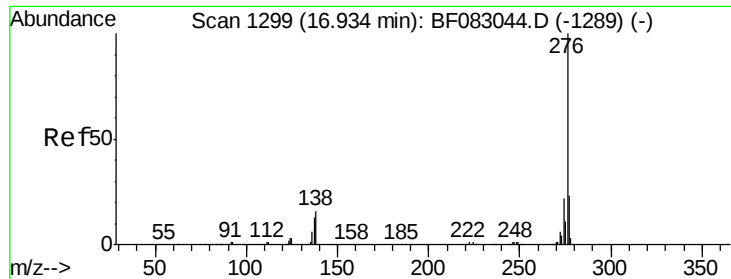
Tot Ion: 252 Resp: 671013
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 6.6 6.4 9.6



#90
Dibenzo(a,h)anthracene
Concen: 42.36 ng/mL
RT: 16.56 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion: 278 Resp: 659346
Ion Ratio Lower Upper
278 100
139 13.7 9.8 14.8
279 24.0 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 40.55 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

RW-20151116-04MS

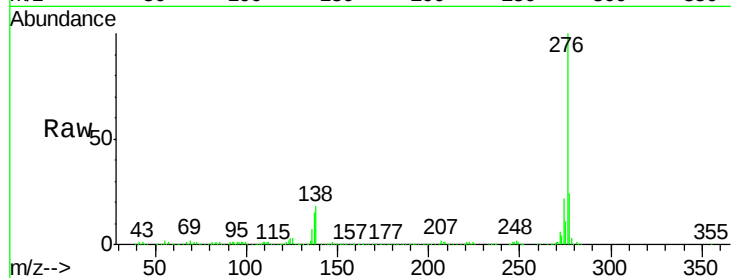
Tot Ion:276 Resp: 615753

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 17.6 12.5 18.7



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

