Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083134.D
Acq On : 22 Nov 2015 3:03
Operator : UM/IZ
Sample : PB86810BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:42 PM

Quant Time: Nov 22 09:49:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	199218	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	746622	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	378911	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	739141	20.00	ng		-0.01
75) Chrysene-d12	13.78	240	657332	20.00	ng		-0.02
86) Perylene-d12	15.15	264	572123	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	204512	15.52	ng		-0.01
7) Phenol-d6	6.32	99	265439	15.57	ng		-0.02
23) Nitrobenzene-d5	7.22	82	163875	10.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	57642	14.87	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	316637	11.65	ng		-0.01
78) Terphenyl-d14	12.74	244	322887	11.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	32965	5.05	ng	#	90
3) Pyridine	3.05	79	54854	3.18	ng	#	85
4) n-Nitrosodimethylamine	2.86	42	35032	4.41	ng	#	93
6) Aniline	6.33	93	65967	3.17	ng	#	43
8) 2-Chlorophenol	6.44	128	70915	4.98	ng		94
9) Benzaldehyde	6.20	77	43419	3.10	ng		96
10) Phenol	6.33	94	104335	5.06	ng		97
11) bis(2-Chloroethyl)ether	6.39	93	79242	5.38	ng		92
12) 1,3-Dichlorobenzene	6.59	146	77074m	4.74	ng		
13) 1,4-Dichlorobenzene	6.67	146	76630	4.66	ng		93
14) 1,2-Dichlorobenzene	6.82	146	79101	5.29	ng		97
15) Benzyl Alcohol	6.82	79	64571	4.53	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	131293	5.72	ng	#	66
17) 2-Methylphenol	6.94	107	60190	5.11	ng		95
18) Hexachloroethane	7.16	117	27419	4.73	ng		91
19) n-Nitroso-di-n-propylamine	7.07	70	53074	4.47	ng	#	93
20) 3+4-Methylphenols	7.11	107	77339	5.19	ng		97
22) Acetophenone	7.07	105	105068	4.90	ng	#	98
24) Nitrobenzene	7.24	77	81186	4.65	ng		94
25) Isophorone	7.48	82	136037	4.40	ng	#	93
26) 2-Nitrophenol	7.56	139	31828	4.13	ng		97
27) 2,4-Dimethylphenol	7.62	122	62049	5.04	ng		92
28) bis(2-Chloroethoxy)methane	7.70	93	91741	5.10	ng		99
29) 2,4-Dichlorophenol	7.82	162	59036	5.05	ng		100
30) 1,2,4-Trichlorobenzene	7.88	180	63905	4.97	ng		98
31) Naphthalene	7.96	128	203559	5.05	ng		98
32) Benzoic acid	7.71	122	32163	3.36	ng		91
33) 4-Chloroaniline	8.03	127	53852	3.44	ng	#	89
34) Hexachlorobutadiene	8.09	225	36946	4.86	ng		96
35) Caprolactam	8.39	113	14151	3.77	ng		94
36) 4-Chloro-3-methylphenol	8.52	107	57630	4.25	ng		95
37) 2-Methylnaphthalene	8.65	142	134816	5.16	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	60797	4.95	ng		99
40) Hexachlorocyclopentadiene	8.81	237	57132	8.18	ng		99

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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Manual Integrations APPROVED
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11/23/2015 7:01:42 PM

Quant Time: Nov 22 09:49:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	37279	4.24	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	44133	4.91	ng	#	84
45) 1,1'-Biphenyl	9.12	154	167247	5.19	ng		98
46) 2-Chloronaphthalene	9.14	162	124406	4.91	ng		97
47) 2-Nitroaniline	9.24	65	40139	4.48	ng		88
48) Acenaphthylene	9.54	152	199566	5.08	ng		97
49) Dimethylphthalate	9.43	163	141683	4.86	ng		99
50) 2,6-Dinitrotoluene	9.48	165	28638	4.38	ng	#	64
51) Acenaphthene	9.71	154	119887	5.02	ng		97
52) 3-Nitroaniline	9.66	138	27585	3.95	ng	#	81
53) 2,4-Dinitrophenol	9.76	184	22579	5.99	ng		94
54) Dibenzofuran	9.90	168	187261	5.54	ng		96
55) 4-Nitrophenol	9.84	139	40027	7.48	ng		95
56) 2,4-Dinitrotoluene	9.88	165	38303	4.62	ng	#	80
57) Fluorene	10.23	166	143616	5.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.02	232	35553m	4.82	ng		
59) Diethylphthalate	10.12	149	135702	4.67	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	69922	5.47	ng		96
61) 4-Nitroaniline	10.26	138	28717	4.18	ng		98
62) Azobenzene	10.39	77	178933	5.40	ng		96
64) 4,6-Dinitro-2-methylphenol	10.28	198	18910	3.71	ng		93
65) n-Nitrosodiphenylamine	10.35	169	120927	4.81	ng		97
66) 4-Bromophenyl-phenylether	10.72	248	38463	4.69	ng		95
67) Hexachlorobenzene	10.78	284	47349	5.24	ng		93
68) Atrazine	10.88	200	36919	5.06	ng		94
69) Pentachlorophenol	10.98	266	45045	7.66	ng		94
70) Phenanthrene	11.19	178	227184	5.33	ng		97
71) Anthracene	11.23	178	231530	5.33	ng		96
72) Carbazole	11.40	167	192821	4.99	ng	#	95
73) Di-n-butylphthalate	11.75	149	208426	4.42	ng	#	96
74) Fluoranthene	12.37	202	228240	5.24	ng		99
76) Benzidine	12.50	184	89478	5.19	ng		99
77) Pyrene	12.59	202	239277	5.33	ng		96
79) Butylbenzylphthalate	13.23	149	86678	4.08	ng	#	82
80) Benzo(a)anthracene	13.77	228	206919	5.09	ng		97
81) 3,3'-Dichlorobenzidine	13.75	252	46732	3.30	ng	#	96
82) Chrysene	13.82	228	190097	5.04	ng		95
83) Bis(2-ethylhexyl)phthalate	13.79	149	133758	4.82	ng		100
84) Di-n-octyl phthalate	14.40	149	216050	4.52	ng		98
85) Indeno(1,2,3-cd)pyrene	16.41	276	155208	4.53	ng		96
87) Benzo(b)fluoranthene	14.78	252	173825m	4.45	ng		
88) Benzo(k)fluoranthene	14.80	252	173621m	5.96	ng		
89) Benzo(a)pyrene	15.10	252	162115	5.02	ng	#	97
90) Dibenzo(a,h)anthracene	16.42	278	134736	4.60	ng	#	96
91) Benzo(g,h,i)perylene	16.79	276	126234	4.41	ng		97

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

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Acq On : 22 Nov 2015 3:03
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Instrument :
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Manual Integrations APPROVED
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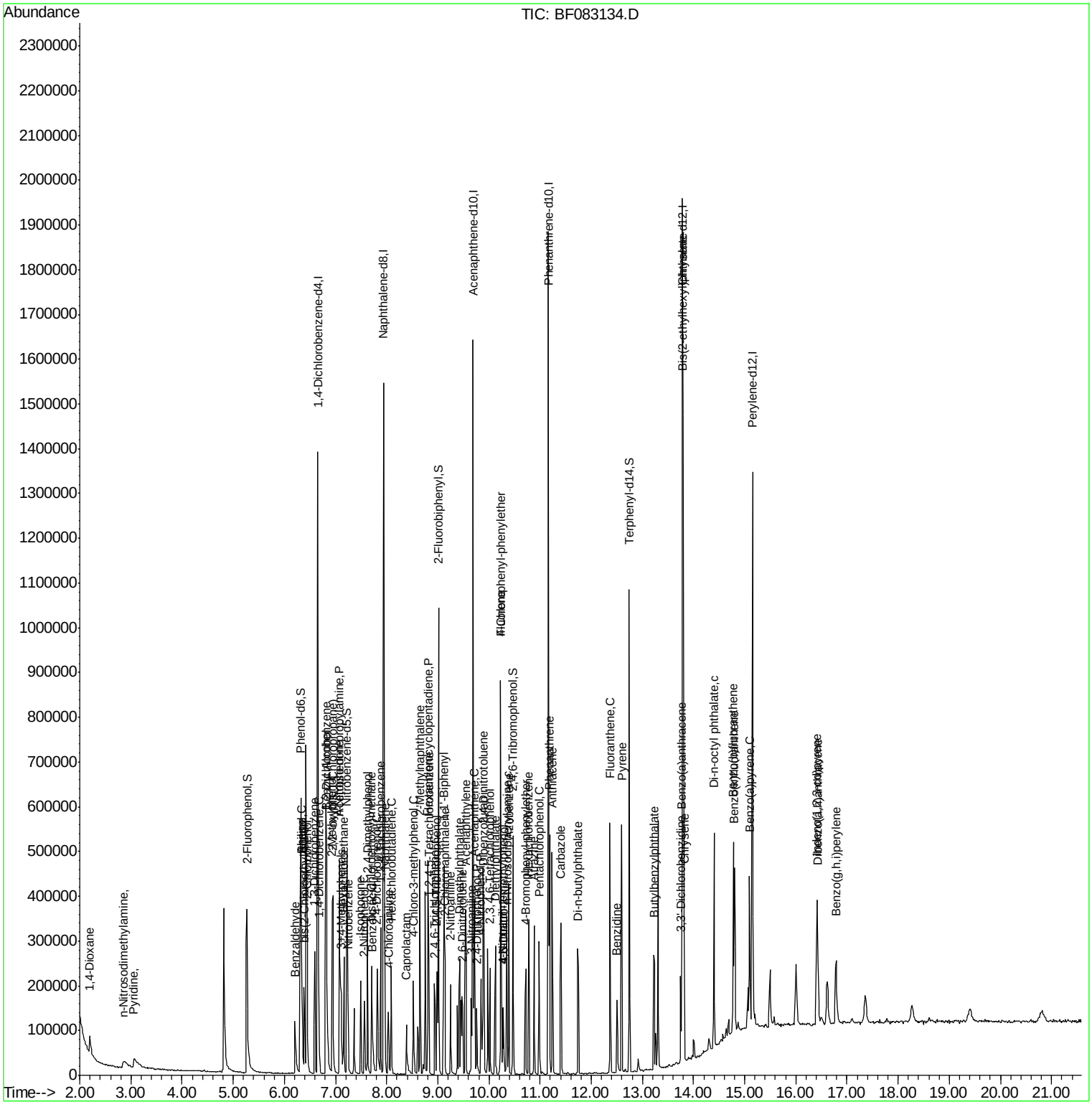
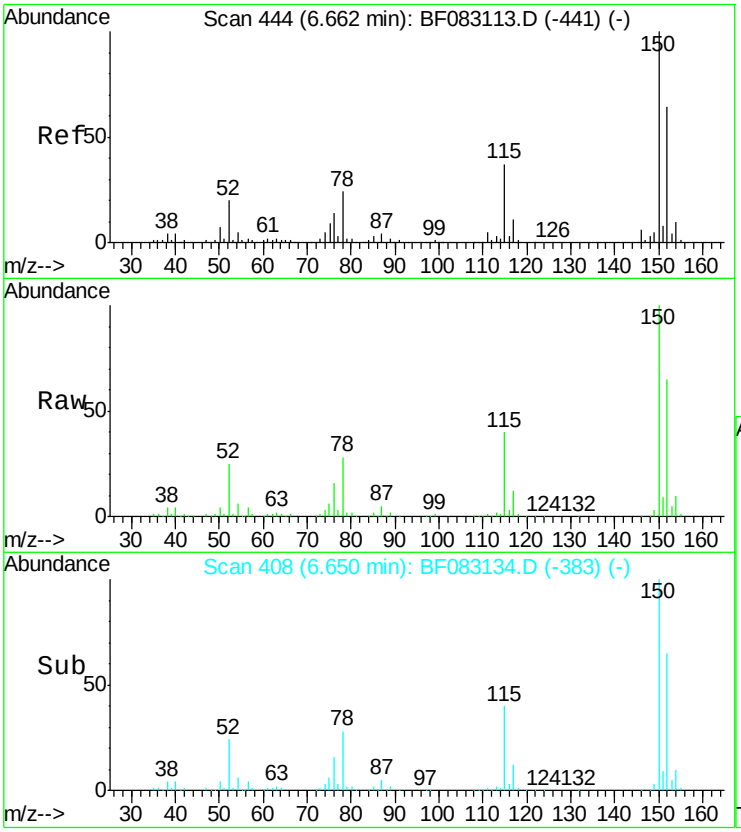
11/23/2015 7:01:42 PM

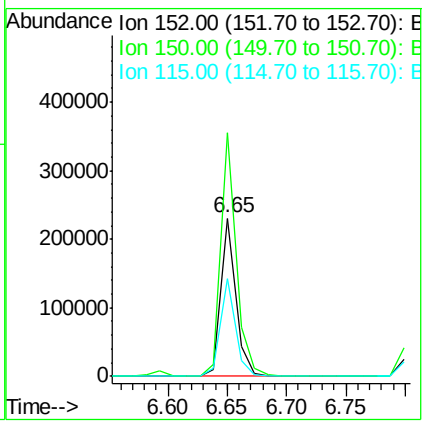




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:152 Resp: 199218

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.8	188.8
115	62.2	46.9	70.3



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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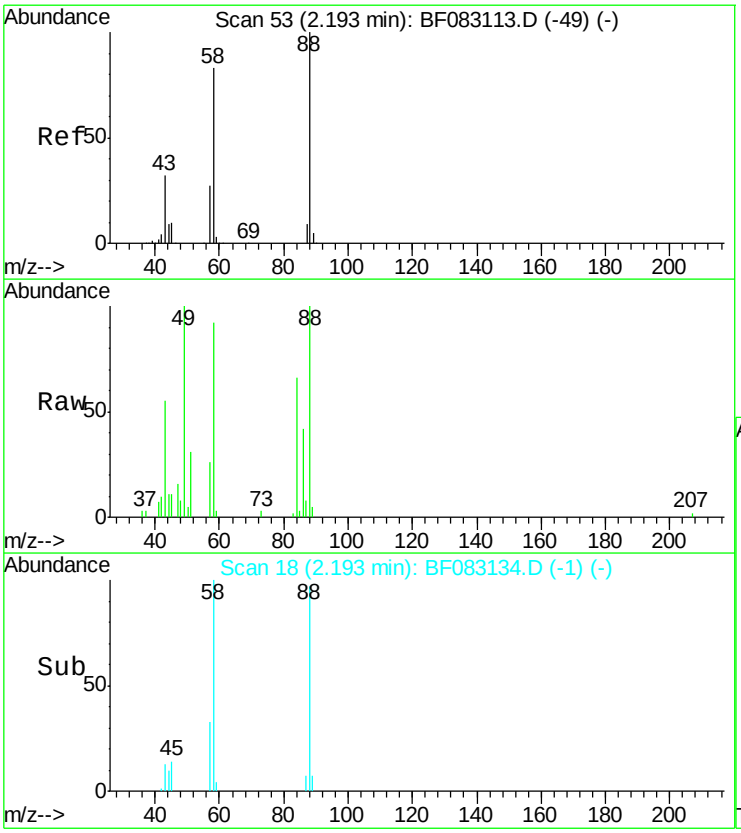
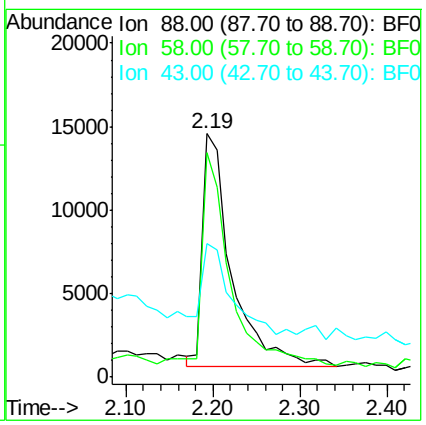
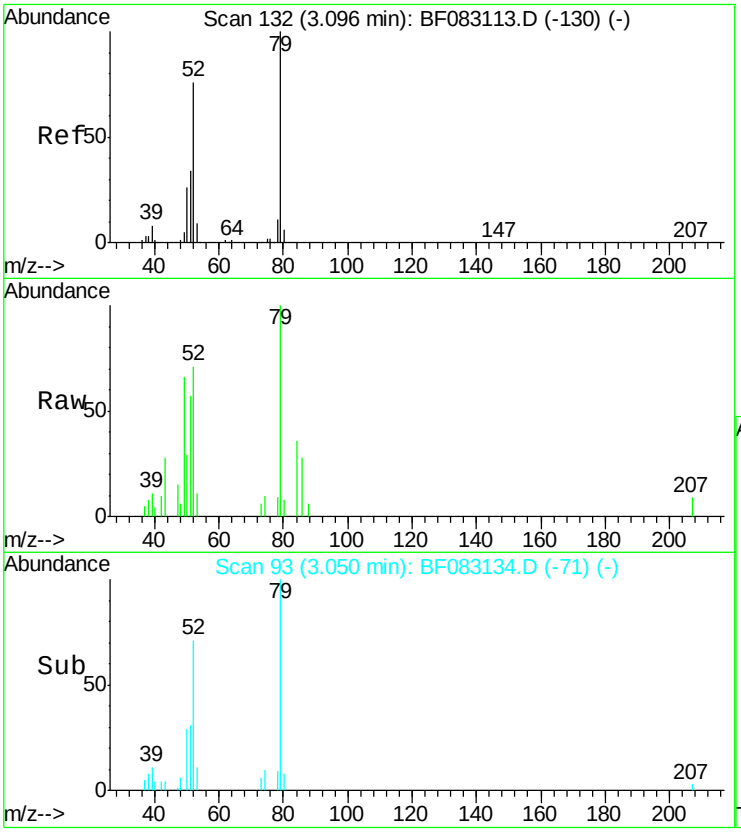


#2
1,4-Dioxane
Concen: 5.05 ng
RT: 2.19 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 88 Resp: 32965

Ion	Ratio	Lower	Upper
88	100		
58	89.2	65.0	97.6
43	38.6	24.7	37.1#

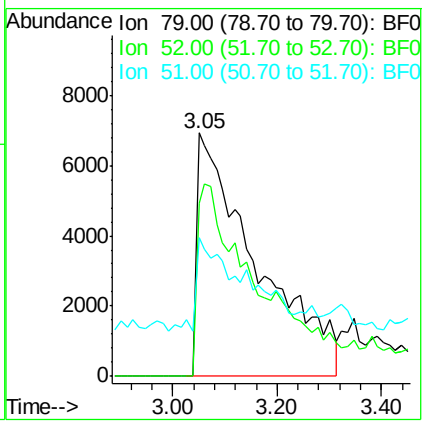




#3
Pyridine
Concen: 3.18 ng
RT: 3.05 min Scan# 93
Delta R.T. -0.05 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 79 Resp: 54854

Ion	Ratio	Lower	Upper
79	100		
52	71.4	60.7	91.1
51	56.7	27.9	41.9#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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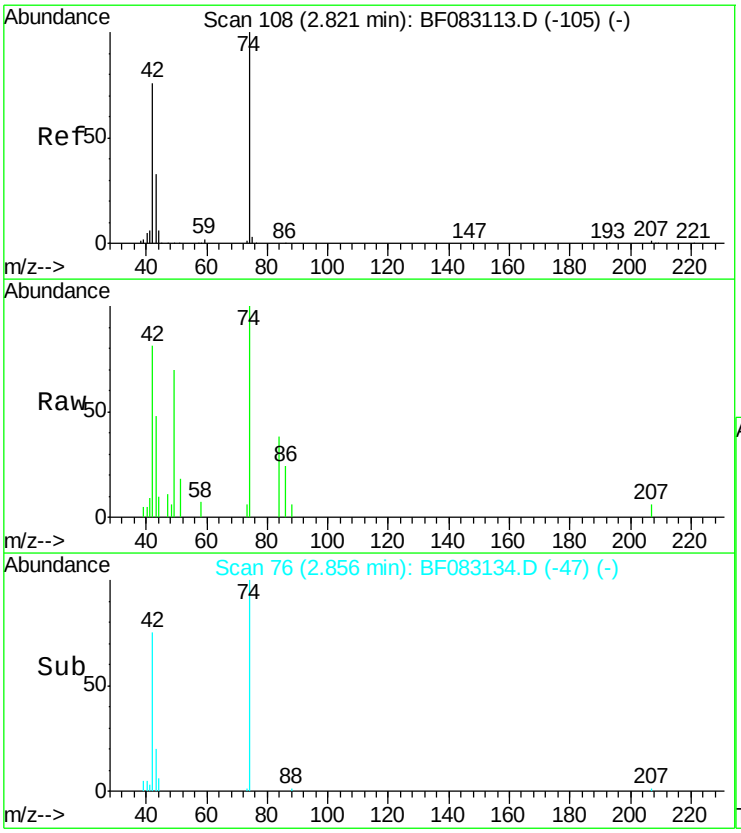
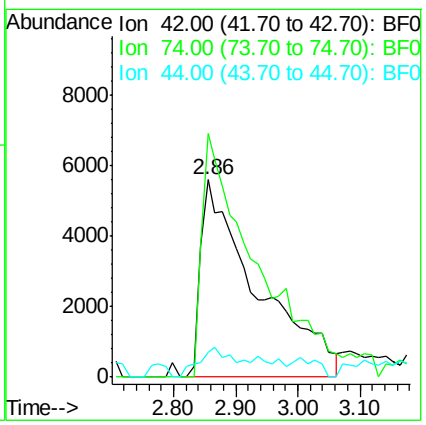
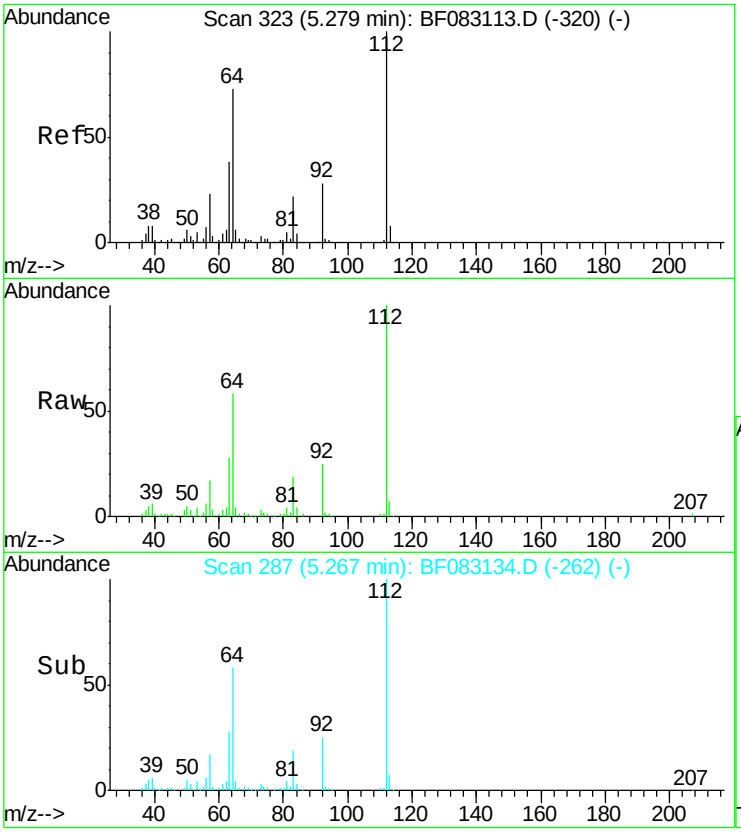


#4
n-Nitrosodimethylamine
Concen: 4.41 ng
RT: 2.86 min Scan# 76
Delta R.T. 0.03 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 42 Resp: 35032

Ion	Ratio	Lower	Upper
42	100		
74	123.4	104.8	157.2
44	12.4	6.2	9.4#

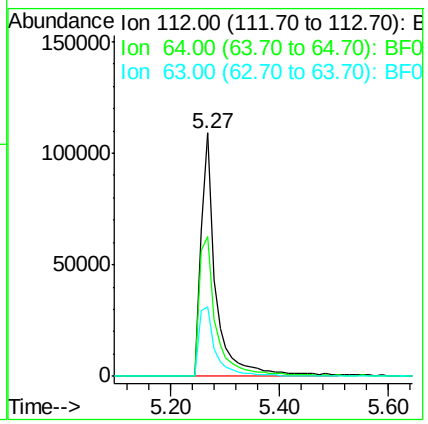




#5
2-Fluorophenol
Concen: 15.52 ng
RT: 5.27 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:112 Resp: 204512

Ion	Ratio	Lower	Upper
112	100		
64	57.7	58.4	87.6#
63	28.5	30.0	45.0#



Instrument :
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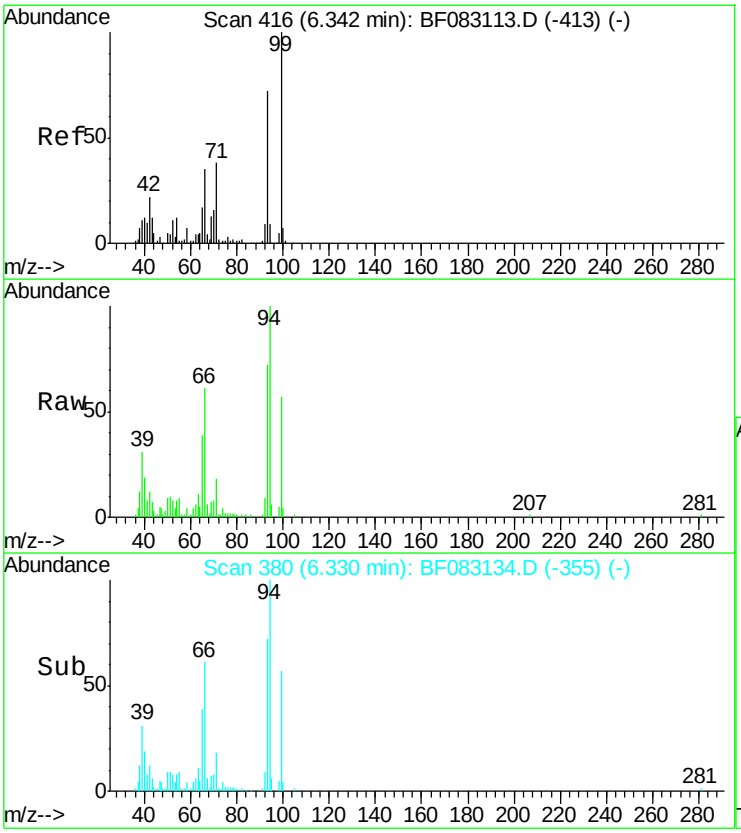
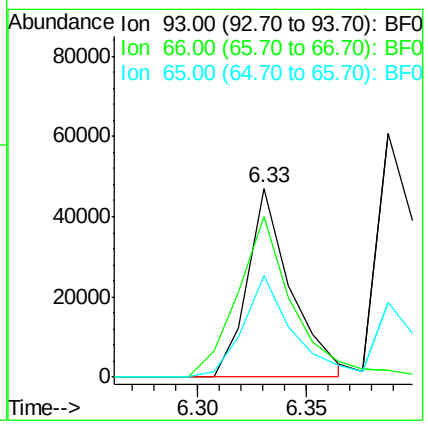
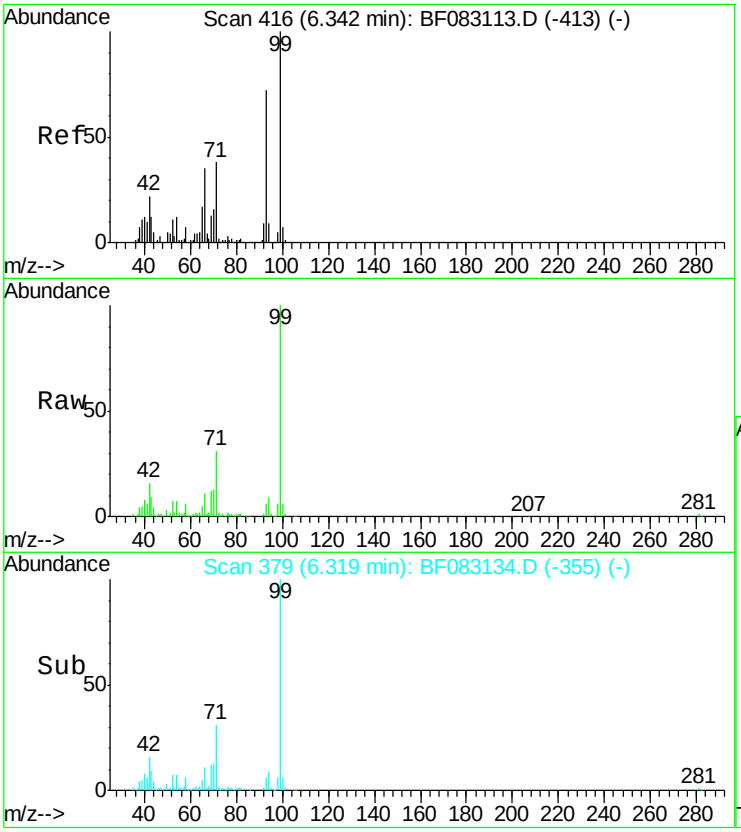


#6
Aniline
Concen: 3.17 ng
RT: 6.33 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 93 Resp: 65967

Ion	Ratio	Lower	Upper
93	100		
66	84.7	38.7	58.1#
65	53.8	18.6	27.8#

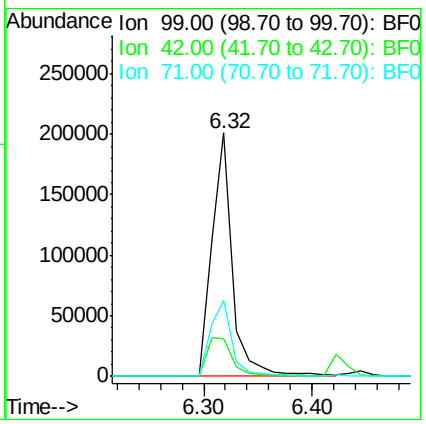




#7
Phenol-d6
Concen: 15.57 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 99 Resp: 265439

Ion	Ratio	Lower	Upper
99	100		
42	15.7	17.7	26.5#
71	31.1	30.2	45.4



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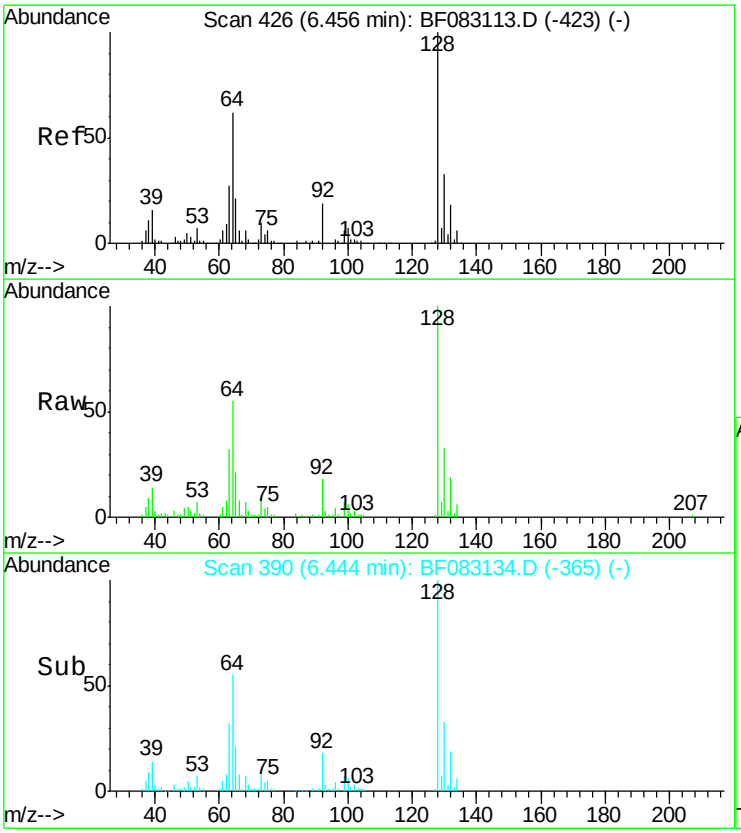
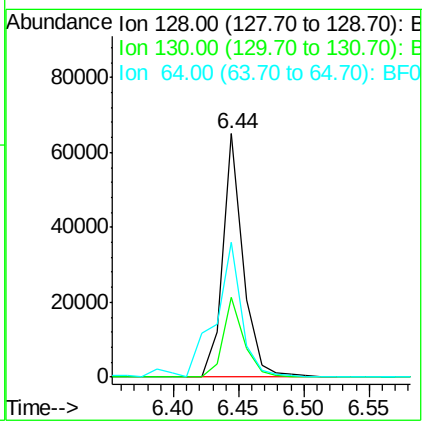
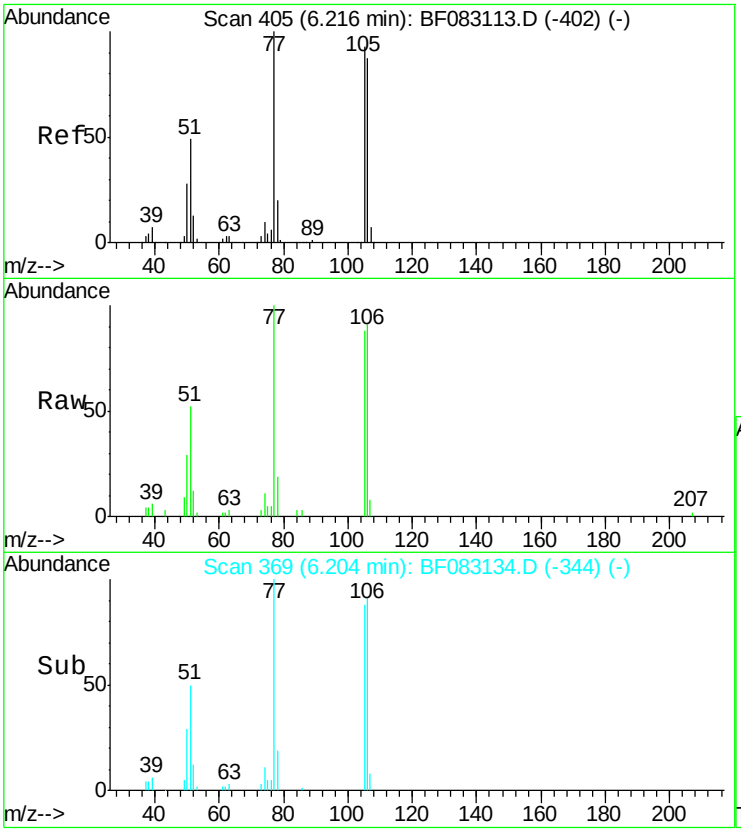


#8
2-Chlorophenol
Concen: 4.98 ng
RT: 6.44 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:128 Resp: 70915

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	55.3	41.9	81.9

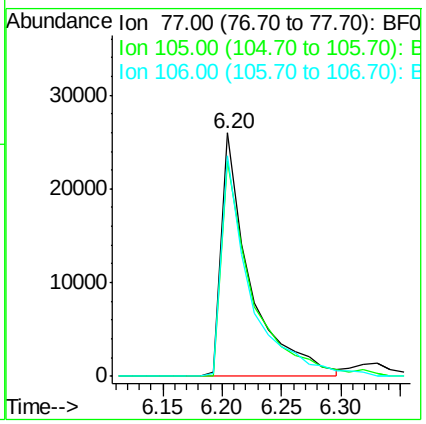




#9
Benzaldehyde
Concen: 3.10 ng
RT: 6.20 min Scan# 369
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 77 Resp: 43419

Ion	Ratio	Lower	Upper
77	100		
105	88.4	73.4	113.4
106	90.7	67.5	107.5



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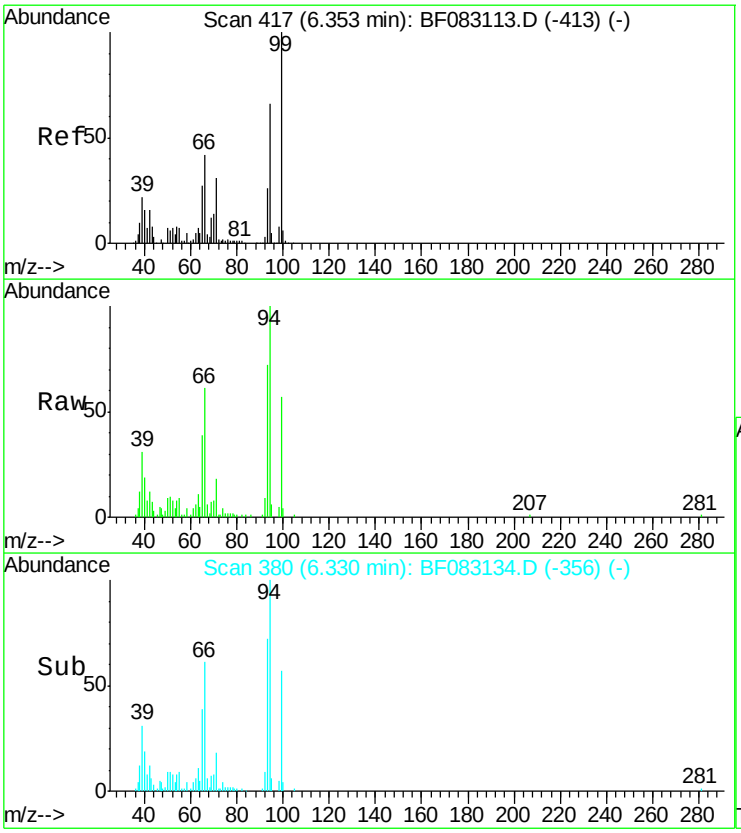
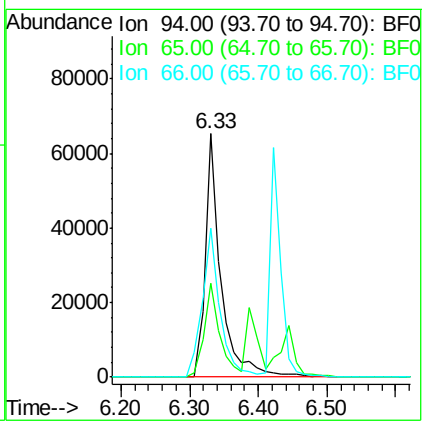
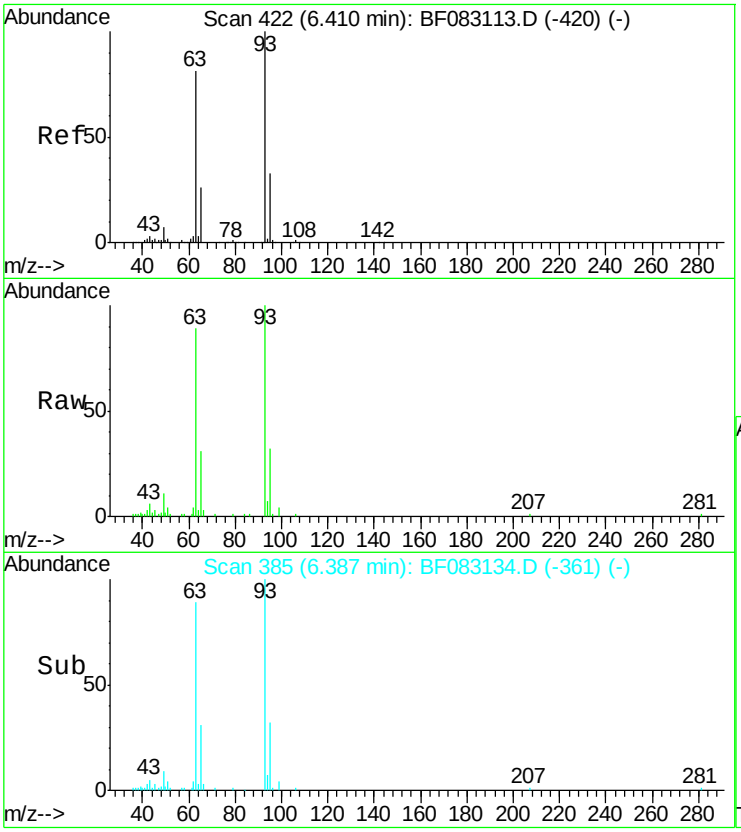


#10
Phenol
Concen: 5.06 ng
RT: 6.33 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 94 Resp: 104335

Ion	Ratio	Lower	Upper
94	100		
65	38.8	21.1	61.1
66	61.1	43.1	83.1

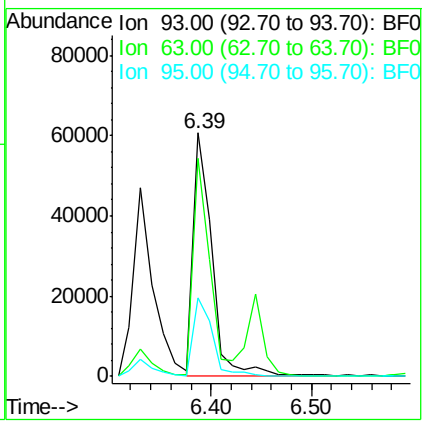




#11
bis(2-Chloroethyl)ether
Concen: 5.38 ng
RT: 6.39 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 93 Resp: 79242

Ion	Ratio	Lower	Upper
93	100		
63	89.4	59.8	99.8
95	32.3	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
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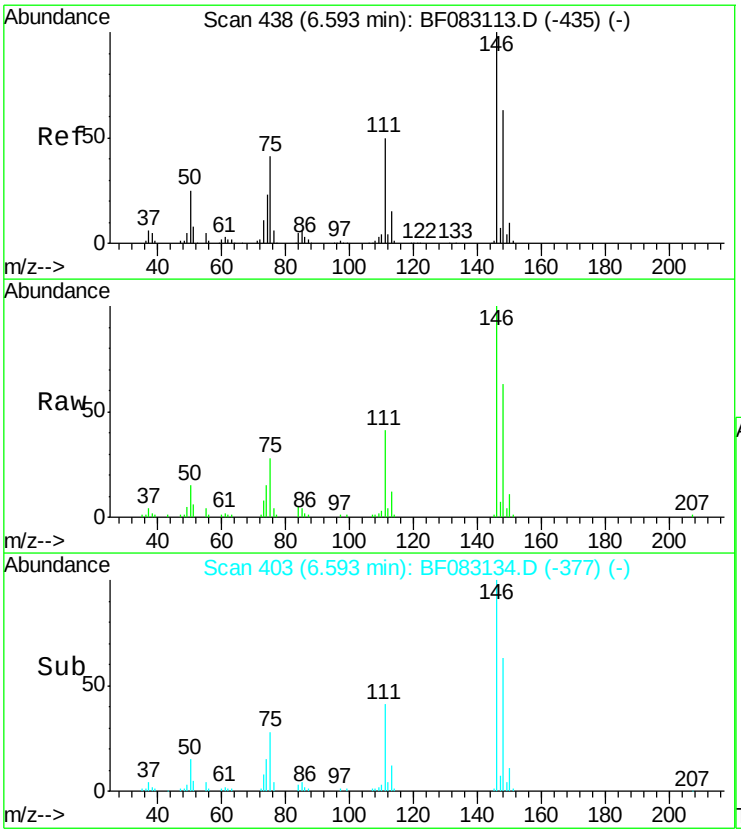
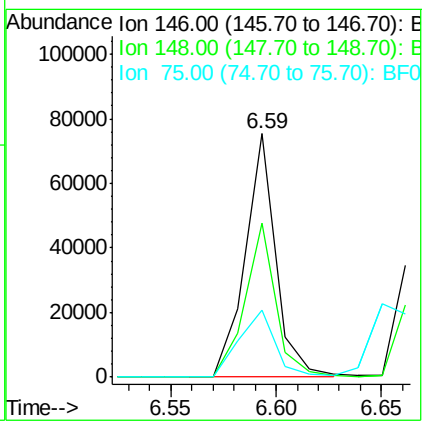
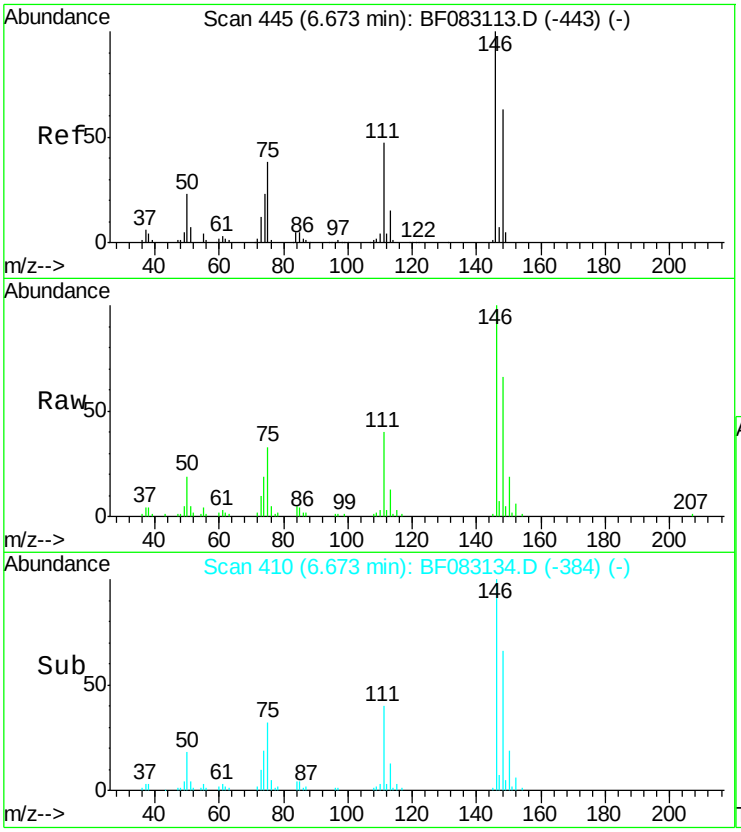


#12
1,3-Dichlorobenzene
Concen: 4.74 ng m
RT: 6.59 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:146 Resp: 77074

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.2
75	27.6	32.7	49.1#

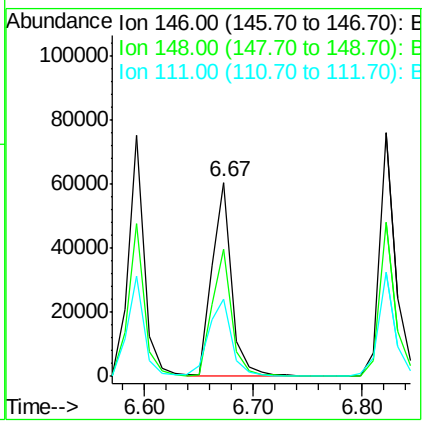




#13
1,4-Dichlorobenzene
Concen: 4.66 ng
RT: 6.67 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:146 Resp: 76630

Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.2	75.2
111	40.1	37.5	56.3



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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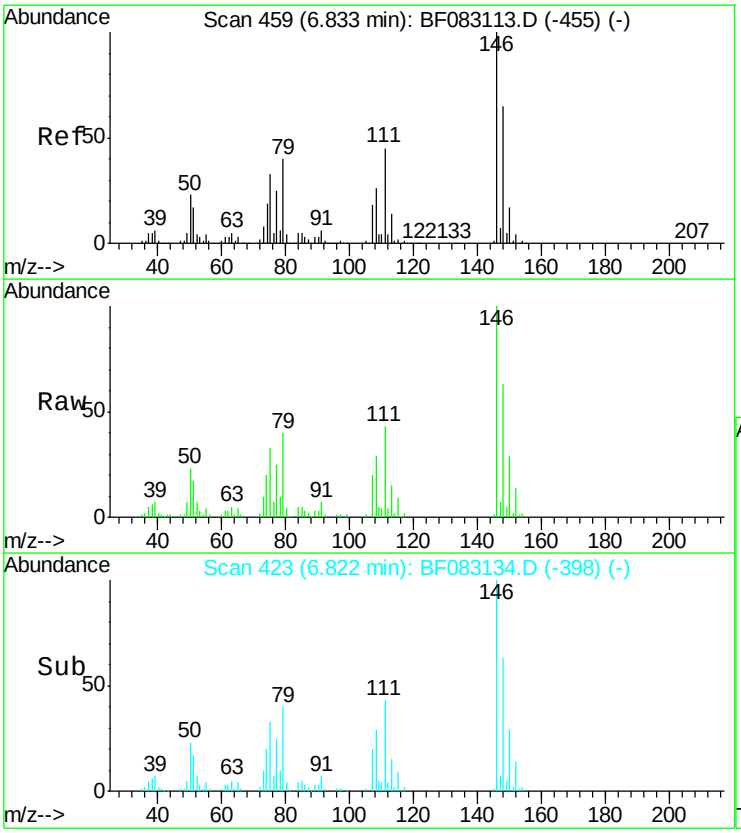
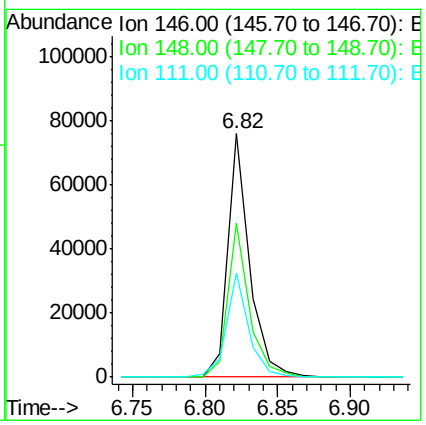
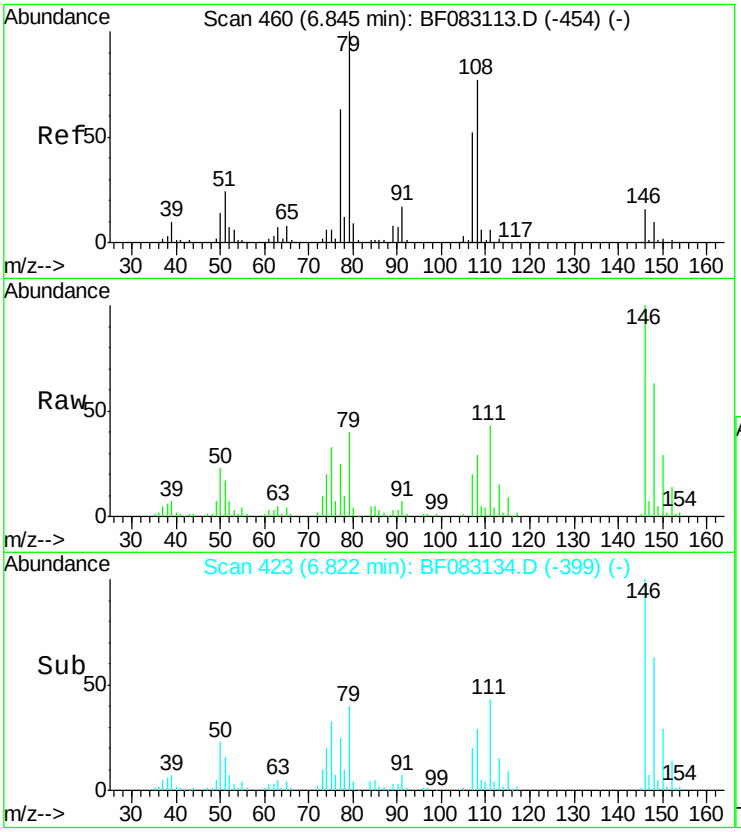


#14
1,2-Dichlorobenzene
Concen: 5.29 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:146 Resp: 79101

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
111	42.7	36.2	54.4

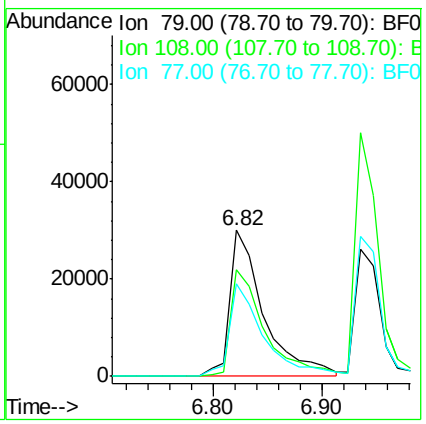




#15
Benzyl Alcohol
Concen: 4.53 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 79 Resp: 64571

Ion	Ratio	Lower	Upper
79	100		
108	72.6	61.4	92.2
77	63.5	50.5	75.7



Instrument :
BNA_F
ClientSampleId :
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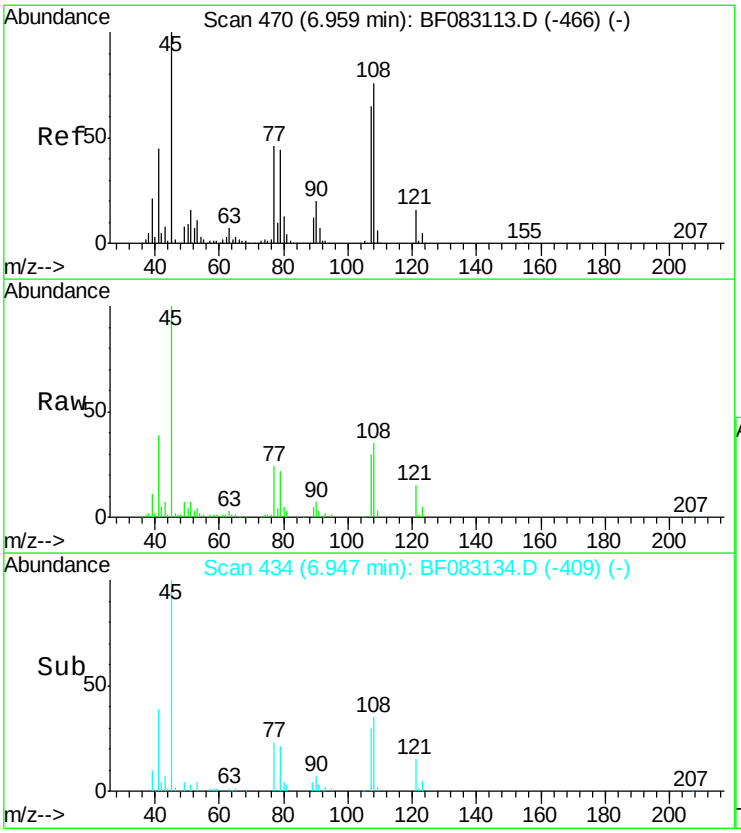
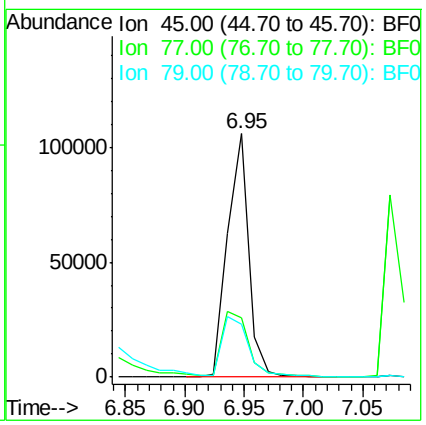
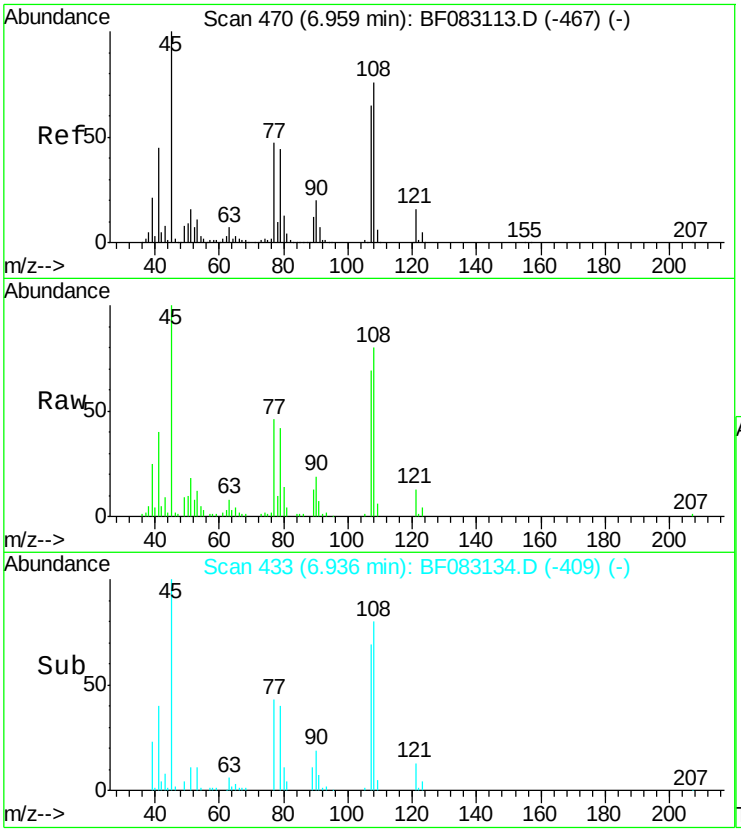


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.72 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 45 Resp: 131293

Ion	Ratio	Lower	Upper
45	100		
77	24.3	26.7	66.7#
79	21.5	24.3	64.3#

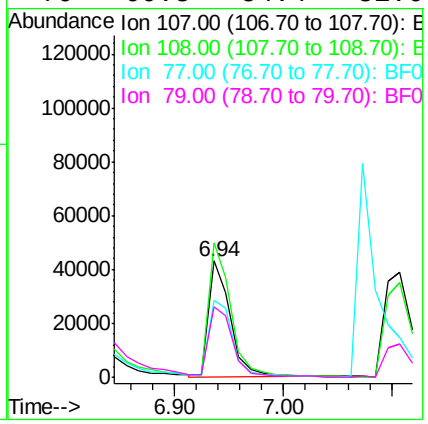




#17
2-Methylphenol
Concen: 5.11 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:107 Resp: 60190

Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.8	140.6
77	66.6	57.4	86.0
79	60.8	54.4	81.6



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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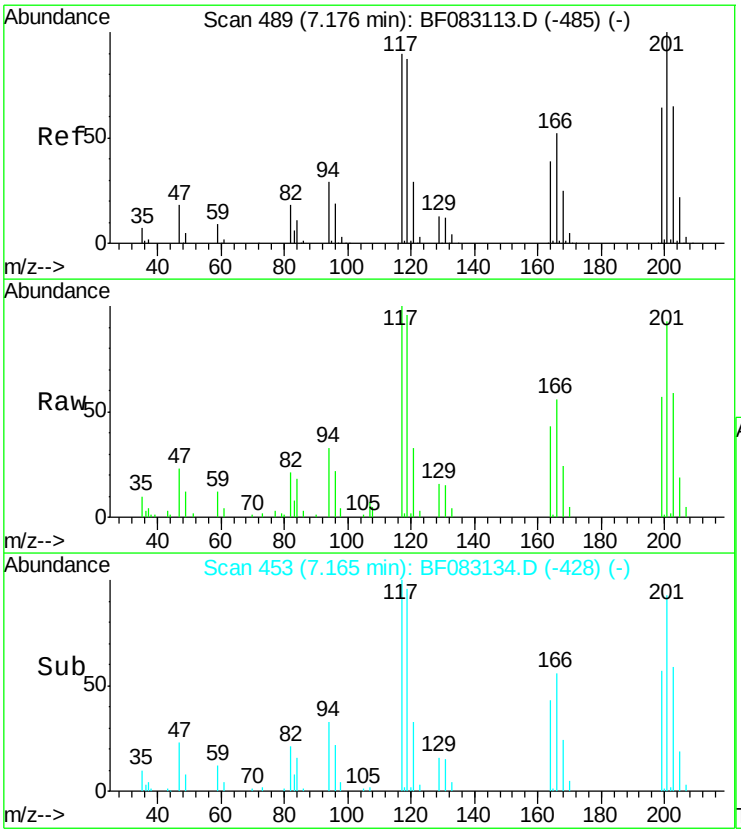
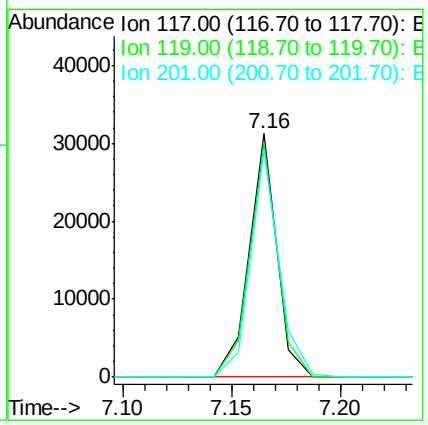
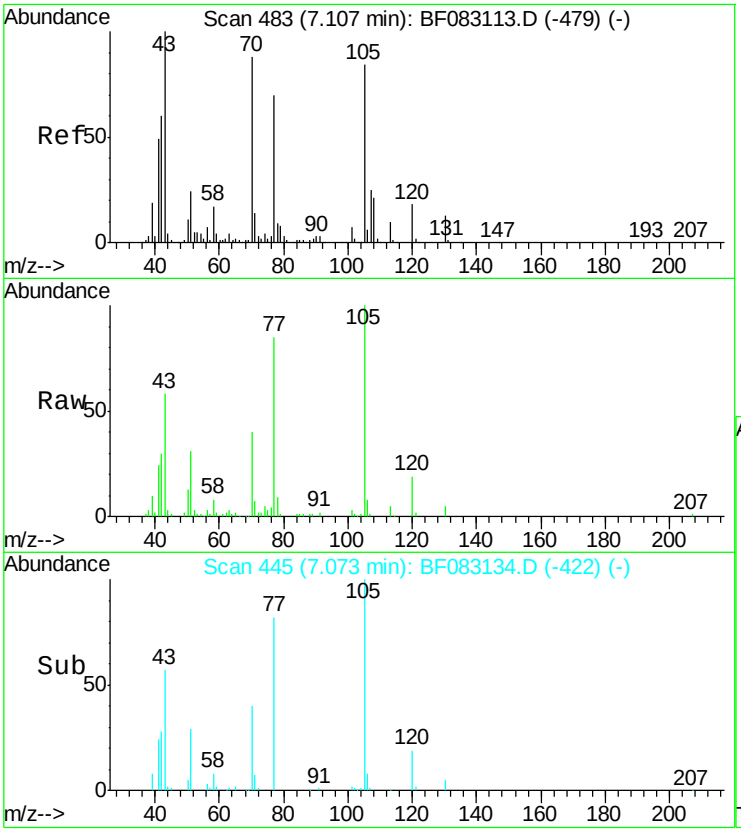


#18
Hexachloroethane
Concen: 4.73 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:117 Resp: 27419

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.8	115.2
201	93.2	88.6	133.0

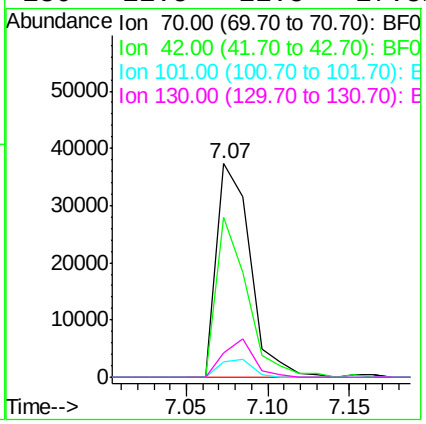




#19
n-Nitroso-di-n-propylamine
Concen: 4.47 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 70 Resp: 53074

Ion	Ratio	Lower	Upper
70	100		
42	74.6	54.5	81.7
101	7.0	6.6	9.8
130	11.5	11.5	17.3#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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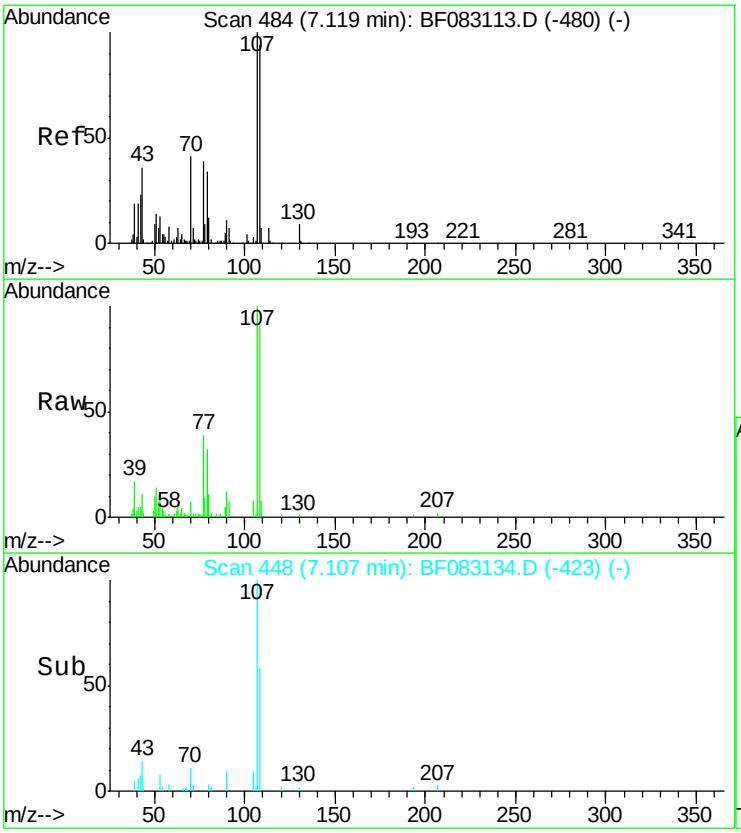
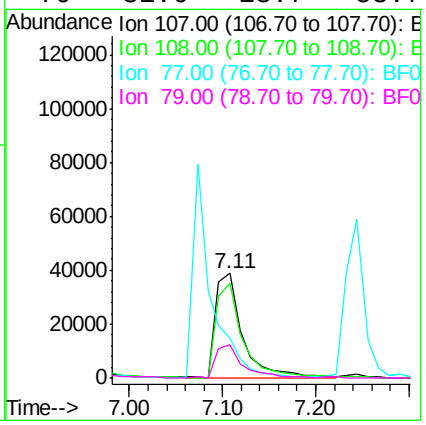
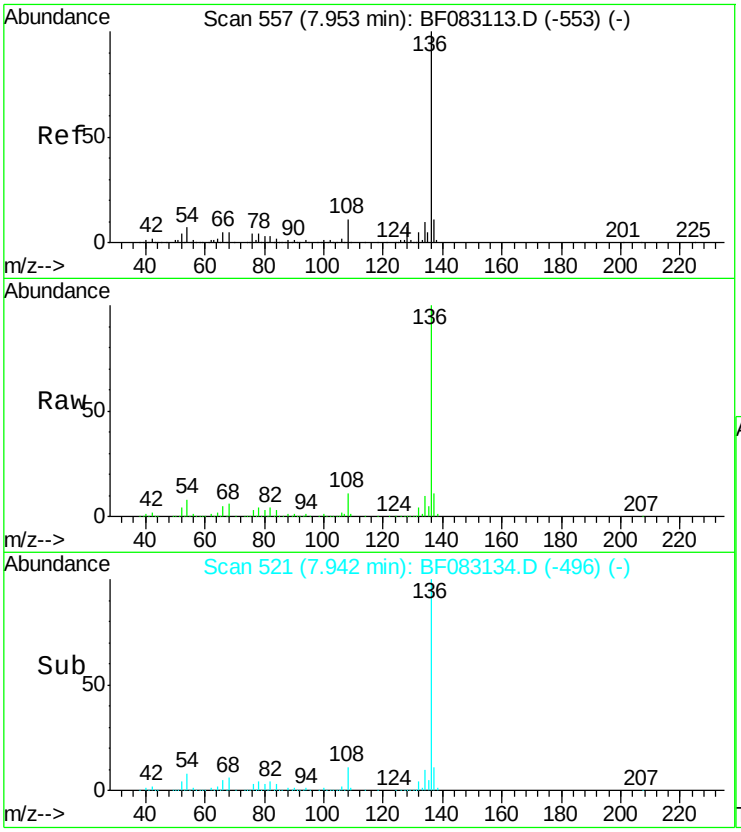


#20
3+4-Methylphenols
Concen: 5.19 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:107 Resp: 77339

Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.8	113.8
77	38.5	19.1	59.1
79	31.6	13.7	53.7

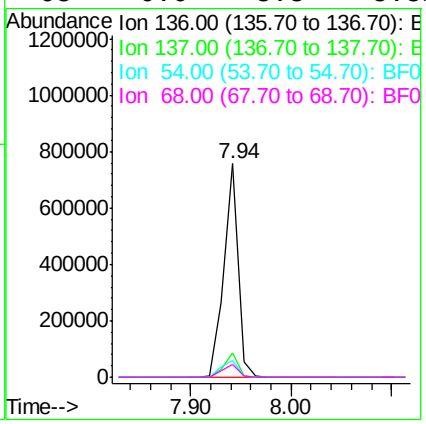




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:136 Resp: 746622

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.9	5.8	8.6
68	6.0	3.8	5.8#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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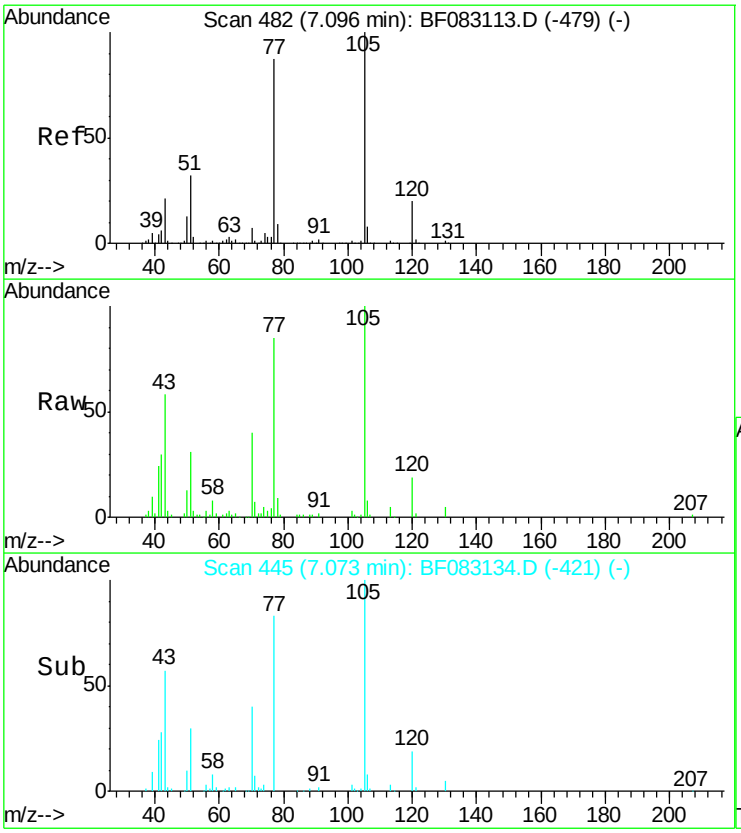
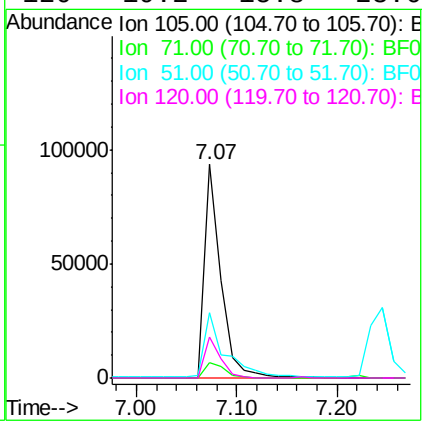
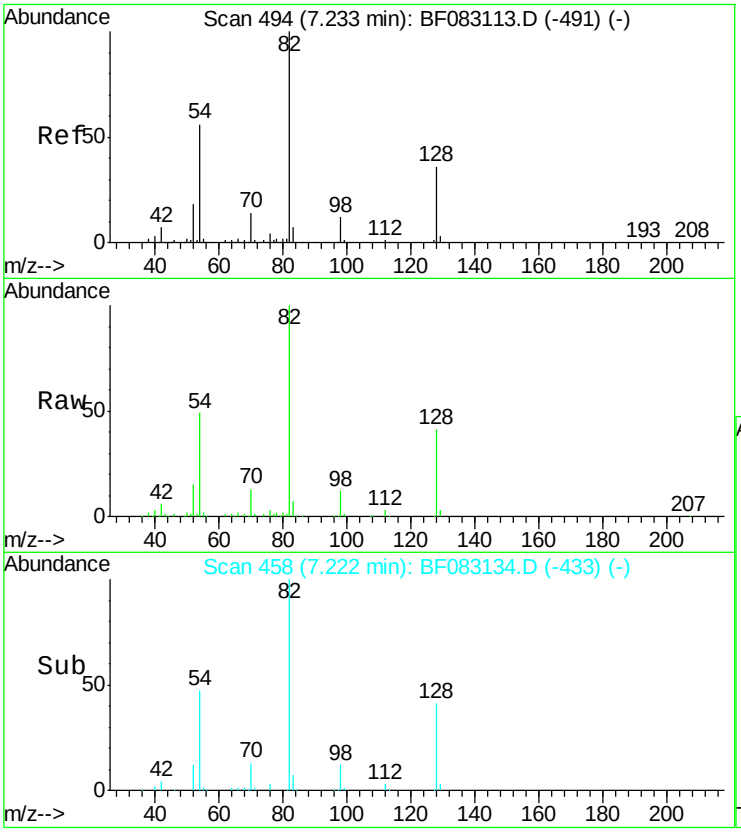


#22
Acetophenone
Concen: 4.90 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:105 Resp: 105068

Ion	Ratio	Lower	Upper
105	100		
71	7.0	1.0	1.4#
51	30.5	25.6	38.4
120	19.2	15.8	23.6

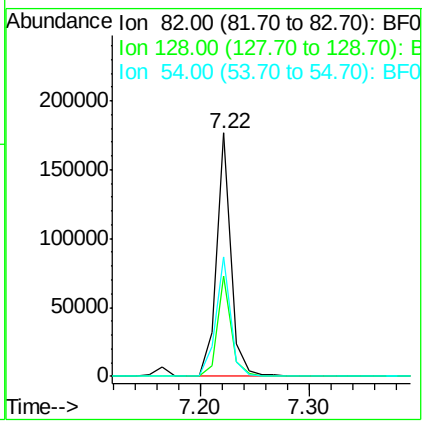




#23
Nitrobenzene-d5
Concen: 10.03 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 82 Resp: 163875

Ion	Ratio	Lower	Upper
82	100		
128	41.1	28.5	42.7
54	49.1	44.6	67.0



Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
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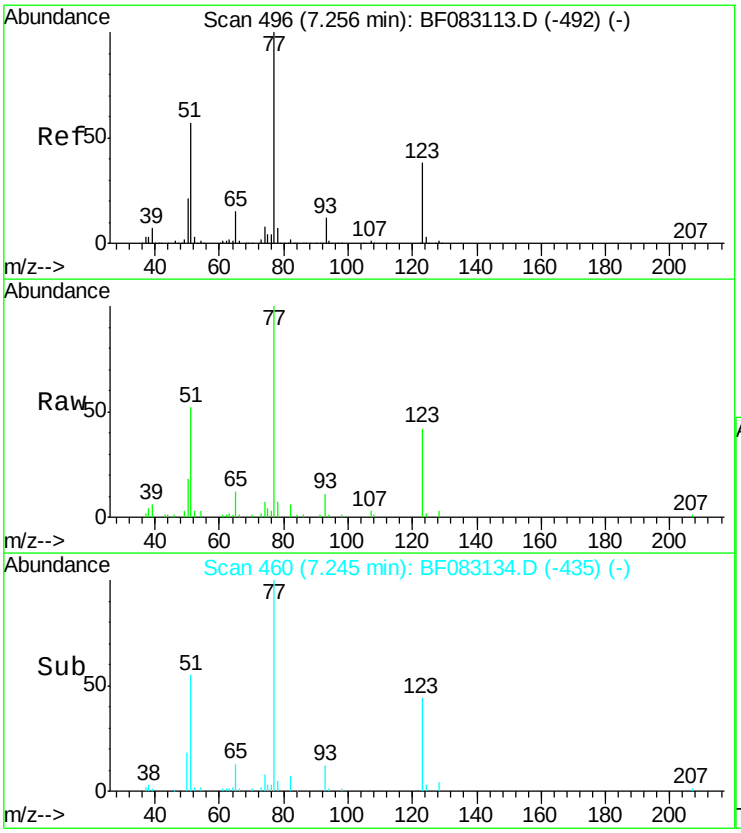
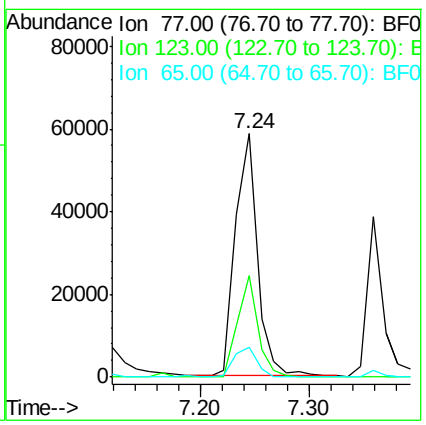
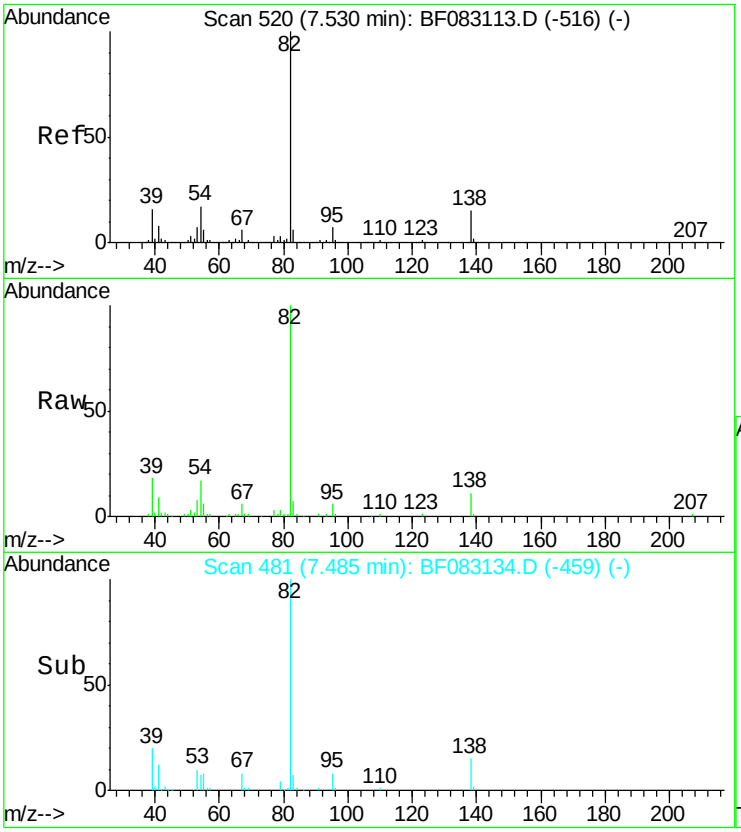


#24
Nitrobenzene
Concen: 4.65 ng
RT: 7.24 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 77 Resp: 81186

Ion	Ratio	Lower	Upper
77	100		
123	41.6	30.1	45.1
65	12.3	11.6	17.4

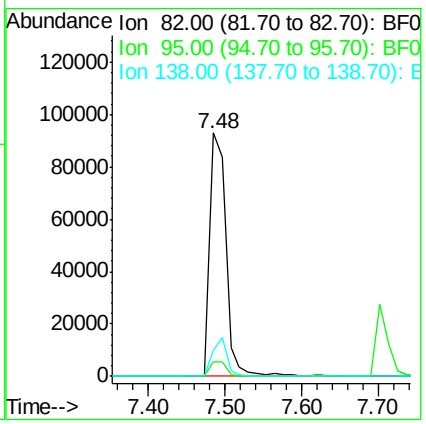




#25
Isophorone
Concen: 4.40 ng
RT: 7.48 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 82 Resp: 136037

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.8	8.8
138	10.9	11.6	17.4#



Instrument :
BNA_F
ClientSampleId :
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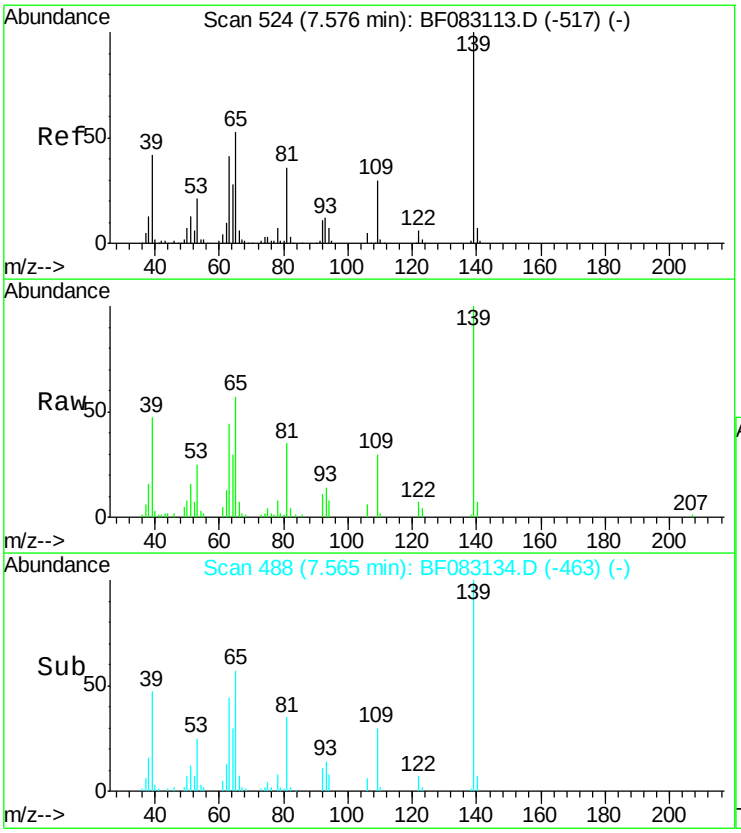
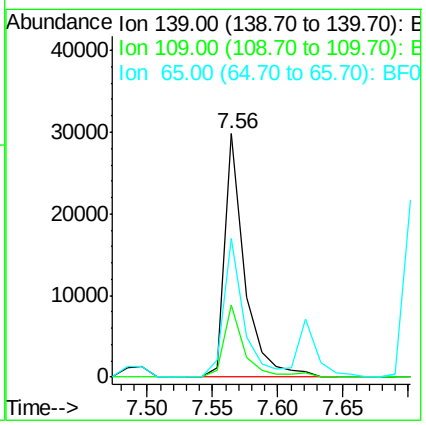
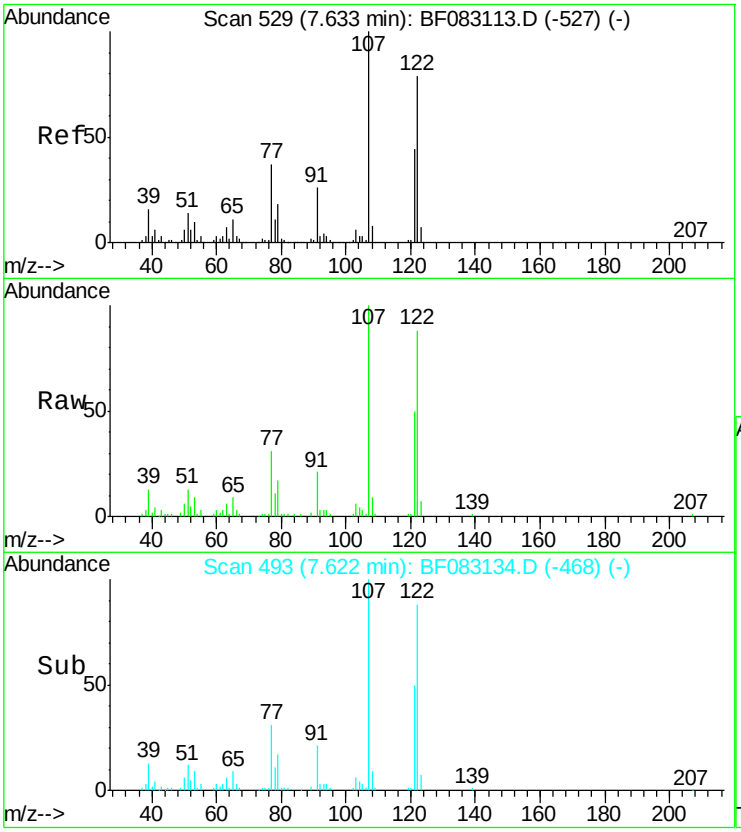


#26
2-Nitrophenol
Concen: 4.13 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:139 Resp: 31828

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.9	35.9
65	56.9	42.7	64.1

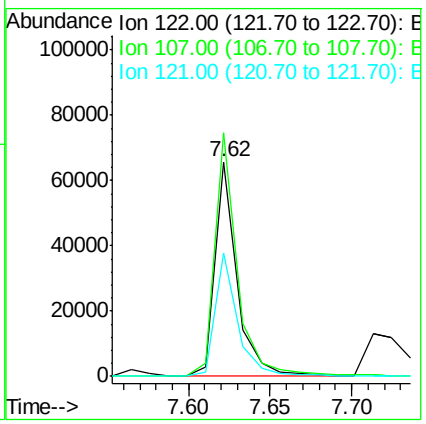




#27
2,4-Dimethylphenol
Concen: 5.04 ng
RT: 7.62 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:122 Resp: 62049

Ion	Ratio	Lower	Upper
122	100		
107	113.5	101.1	151.7
121	57.3	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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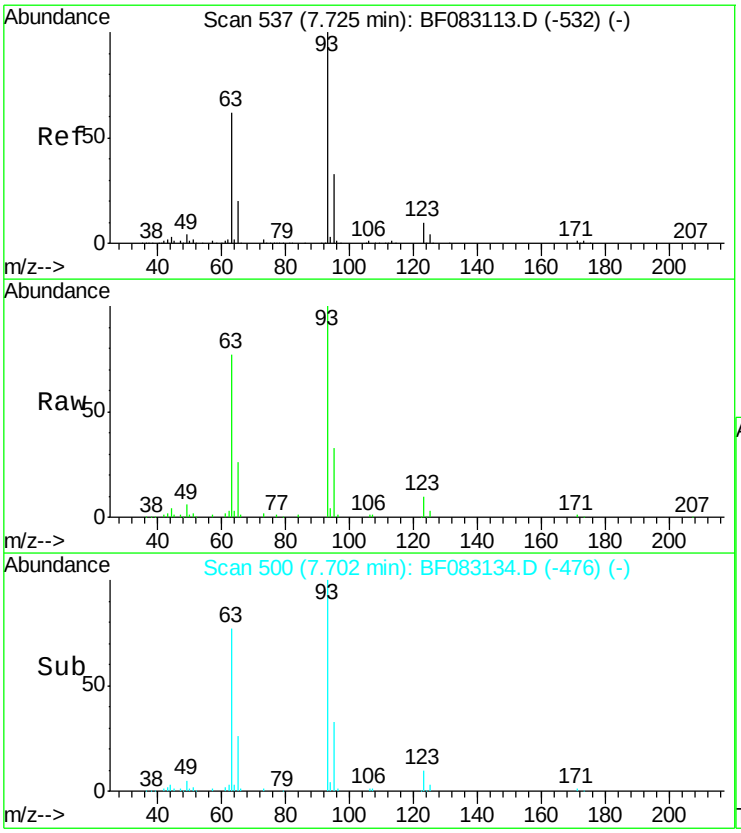
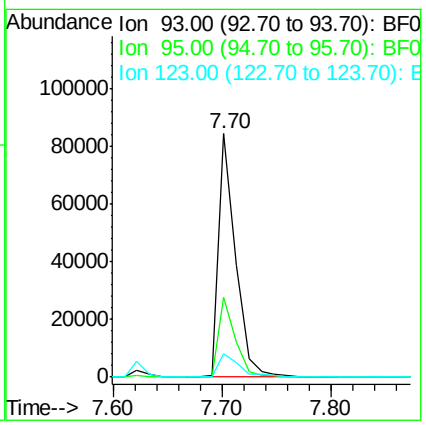
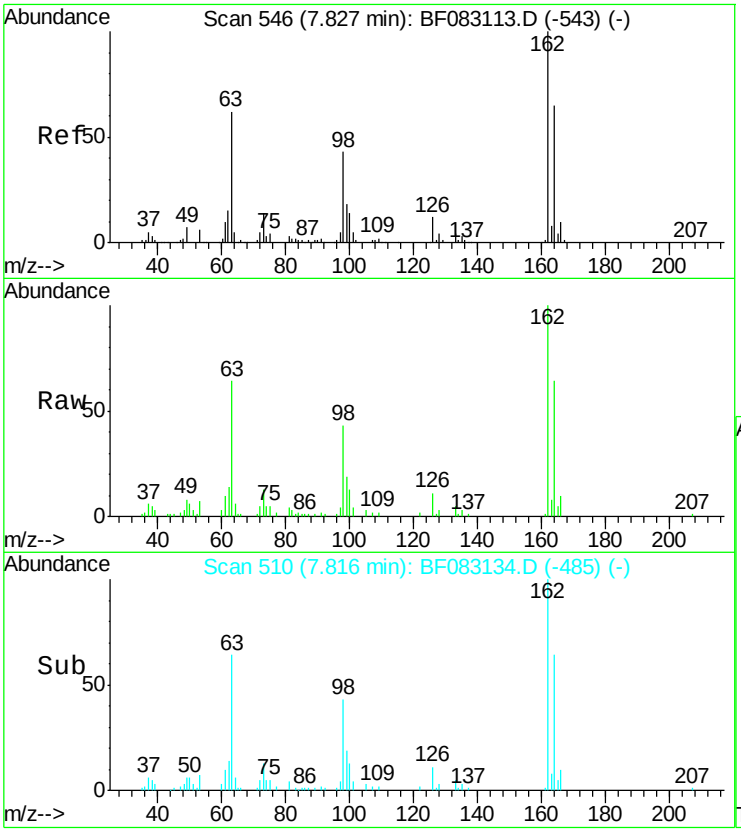


#28
bis(2-Chloroethoxy)methane
Concen: 5.10 ng
RT: 7.70 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 93 Resp: 91741

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	9.7	8.1	12.1

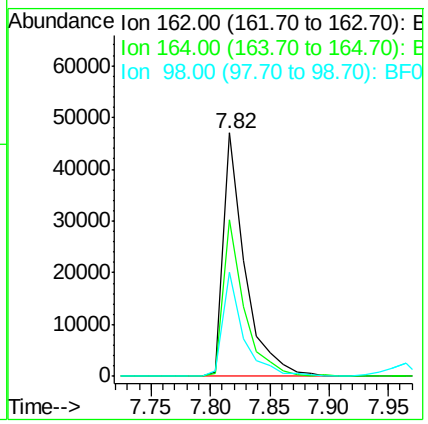




#29
2,4-Dichlorophenol
Concen: 5.05 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:162 Resp: 59036

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.8	84.8
98	43.0	23.1	63.1



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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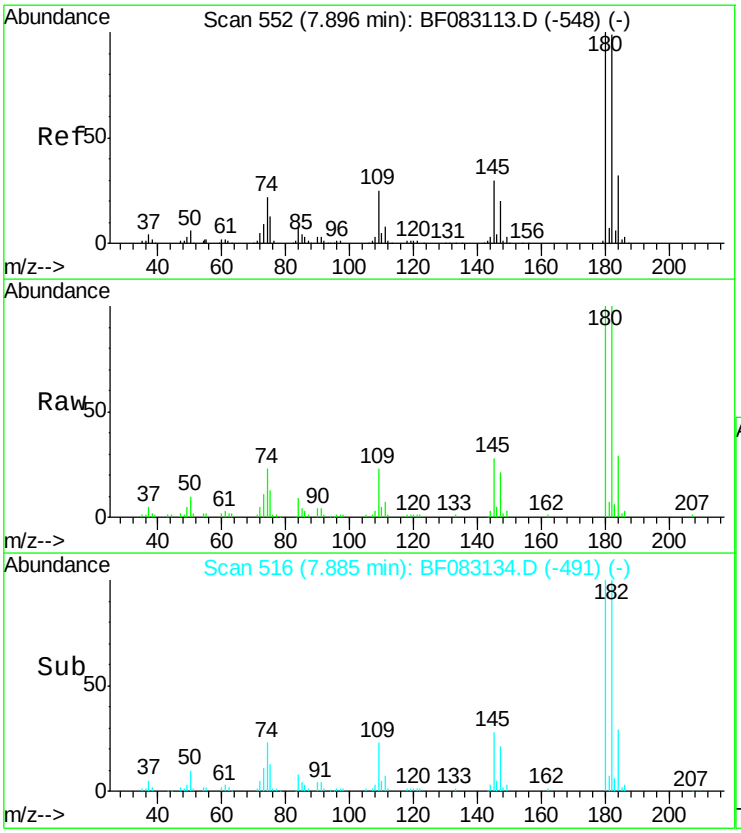
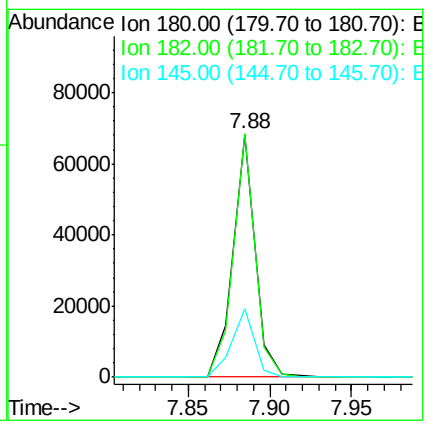
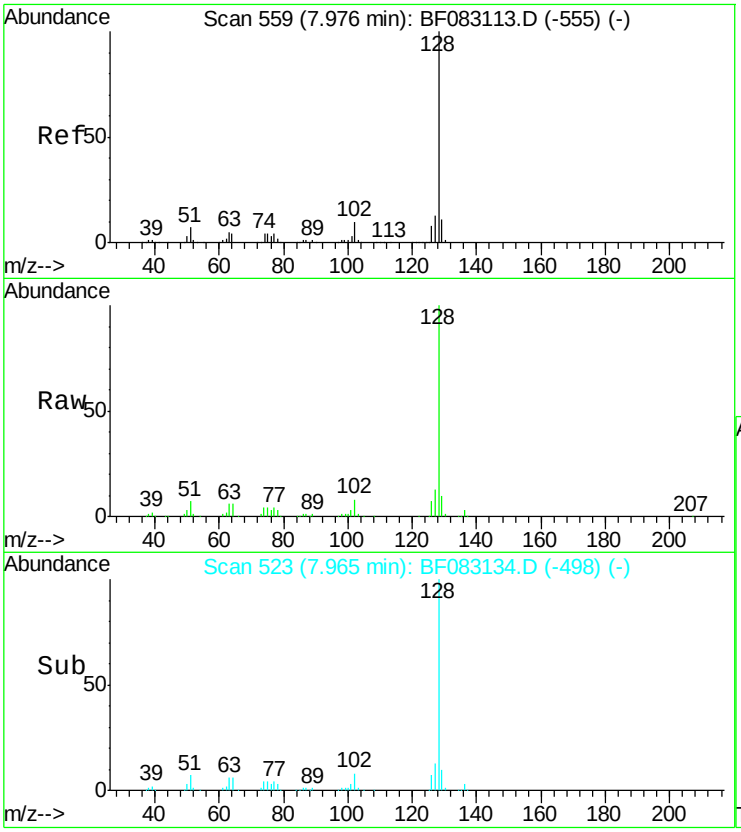


#30
1,2,4-Trichlorobenzene
Concen: 4.97 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:180 Resp: 63905

Ion	Ratio	Lower	Upper
180	100		
182	100.4	79.0	118.6
145	27.9	24.2	36.2

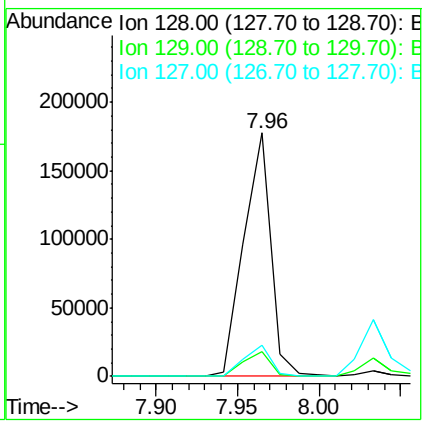




#31
Naphthalene
Concen: 5.05 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:128 Resp: 203559

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.4
127	12.6	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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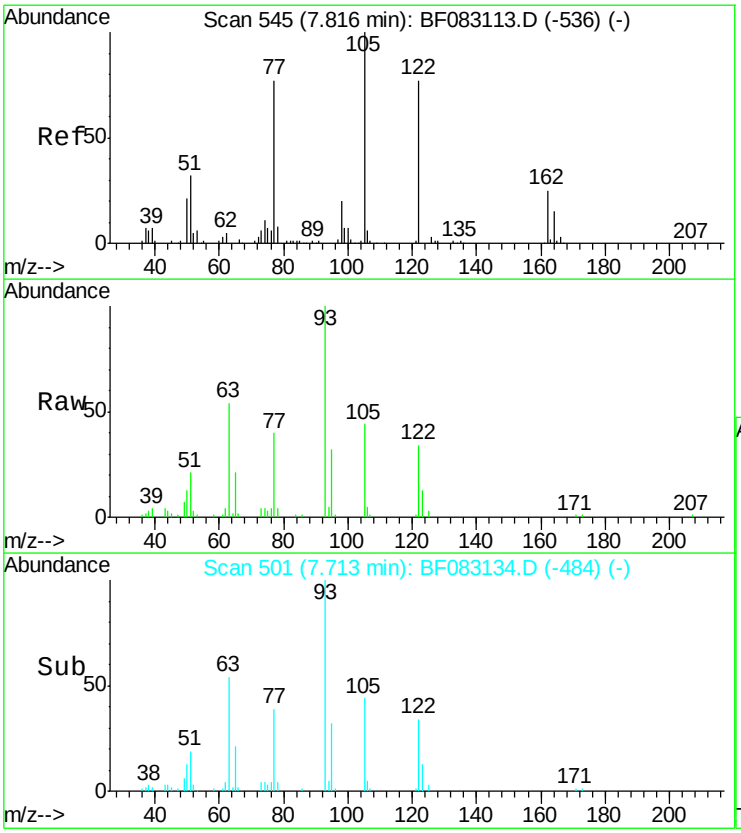
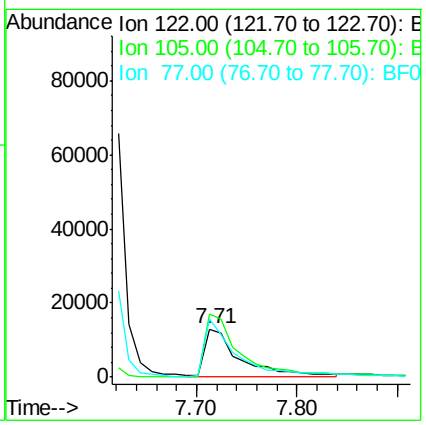
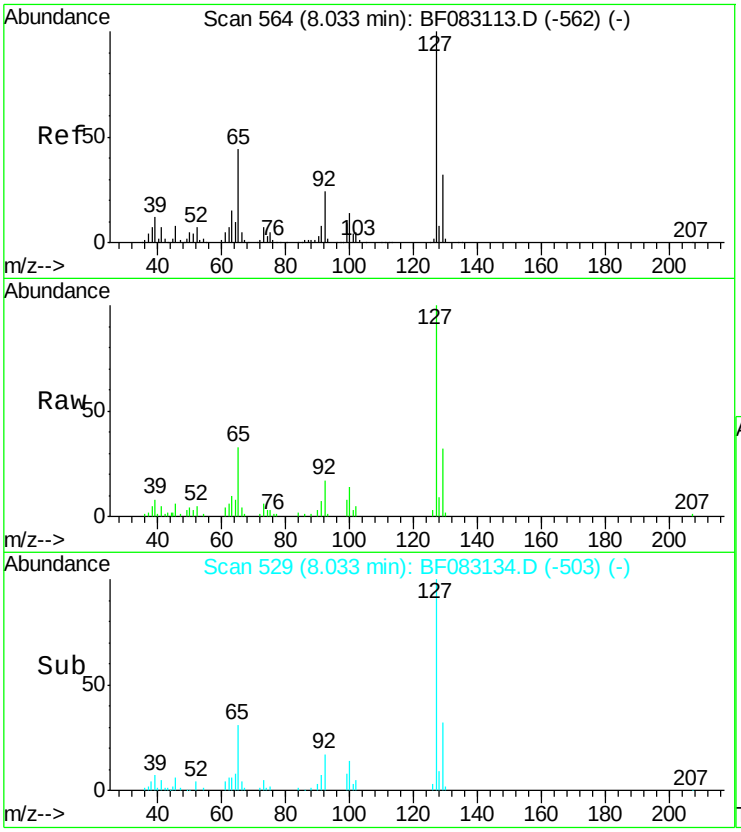


#32
Benzoic acid
Concen: 3.36 ng
RT: 7.71 min Scan# 501
Delta R.T. -0.10 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:122 Resp: 32163

Ion	Ratio	Lower	Upper
122	100		
105	130.7	109.7	149.7
77	119.6	79.7	119.7

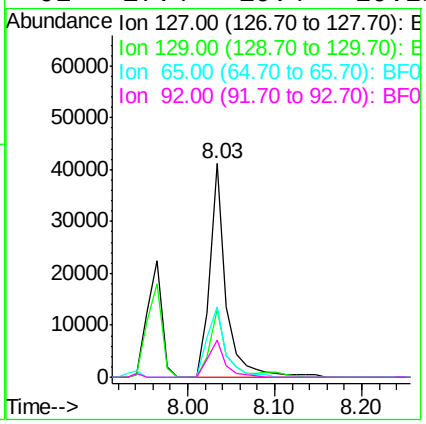




#33
4-Chloroaniline
Concen: 3.44 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:127 Resp: 53852

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	33.1	35.5	53.3#
92	17.4	19.4	29.2#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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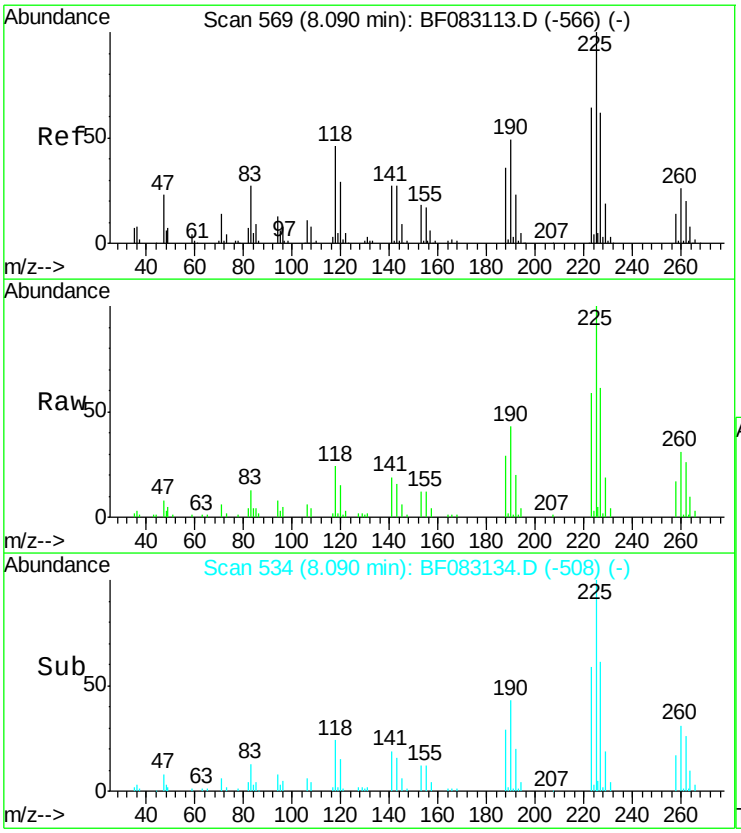
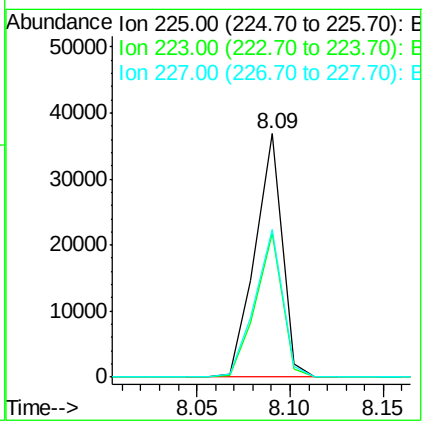
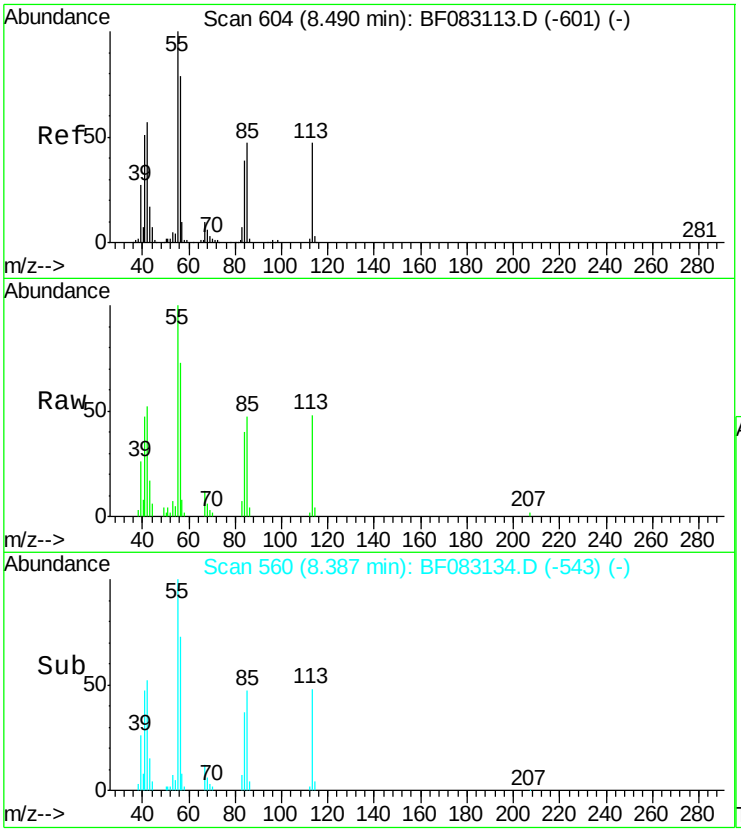


#34
Hexachlorobutadiene
Concen: 4.86 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:225 Resp: 36946

Ion	Ratio	Lower	Upper
225	100		
223	59.1	51.3	76.9
227	60.8	49.8	74.8

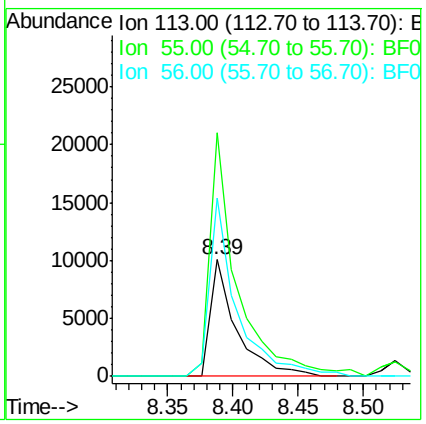




#35
Caprolactam
Concen: 3.77 ng
RT: 8.39 min Scan# 560
Delta R.T. -0.10 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:113 Resp: 14151

Ion	Ratio	Lower	Upper
113	100		
55	209.3	192.6	232.6
56	153.8	148.6	188.6



Instrument :
BNA_F
ClientSampleId :
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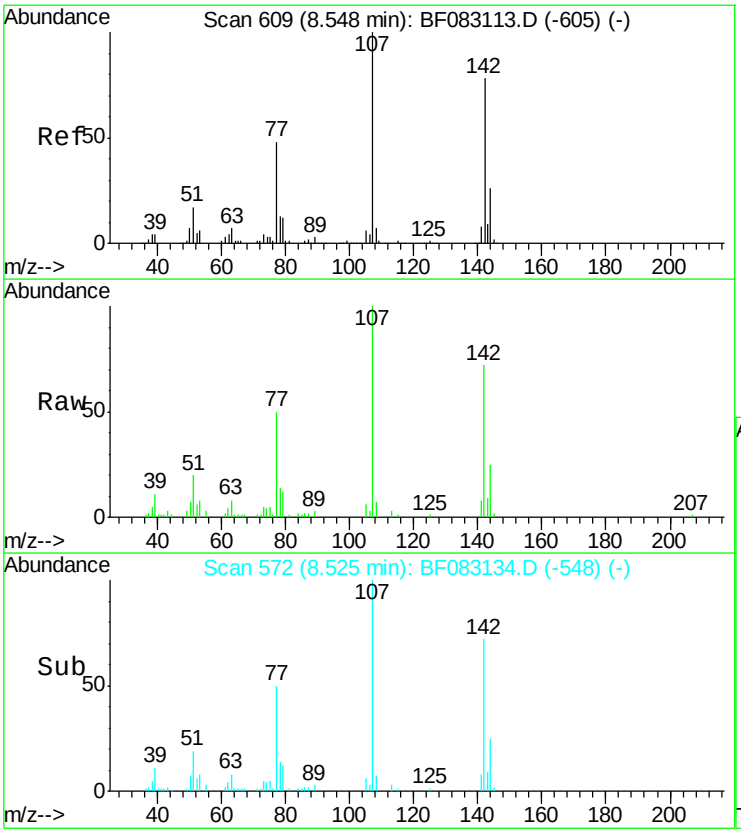
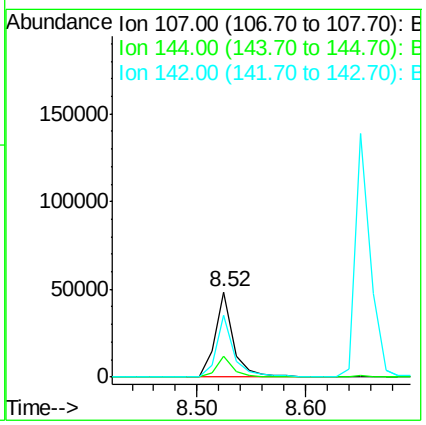
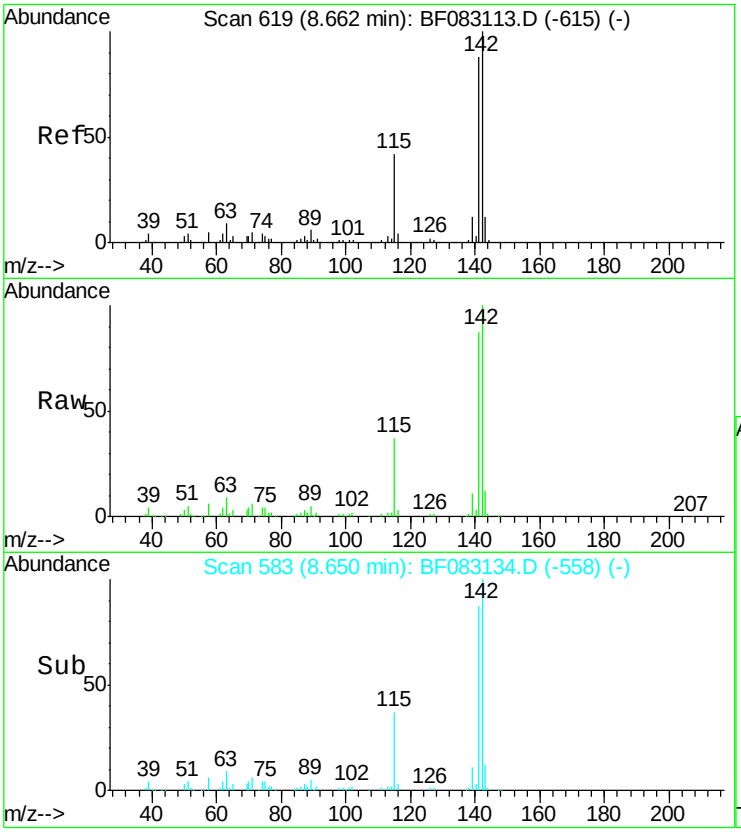


#36
4-Chloro-3-methylphenol
Concen: 4.25 ng
RT: 8.52 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:107 Resp: 57630

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.8	31.2
142	72.3	62.1	93.1

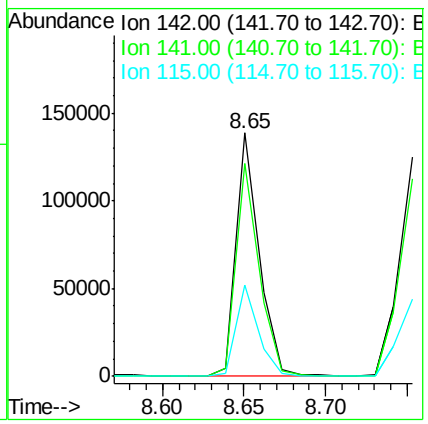




#37
2-Methylnaphthalene
Concen: 5.16 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:142 Resp: 134816

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.3	105.5
115	37.4	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
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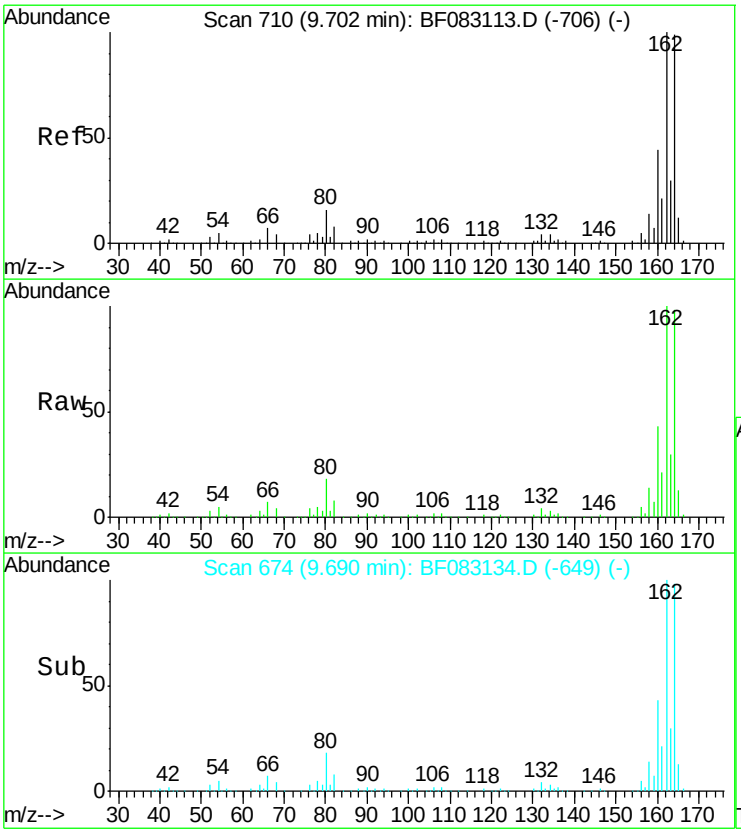
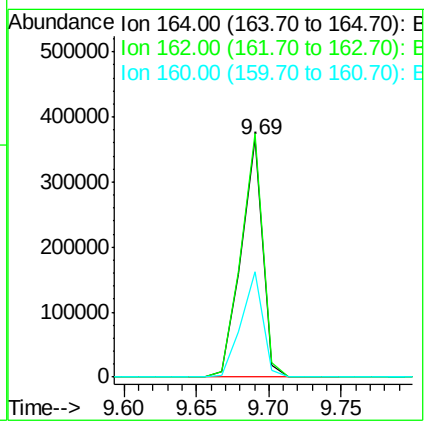
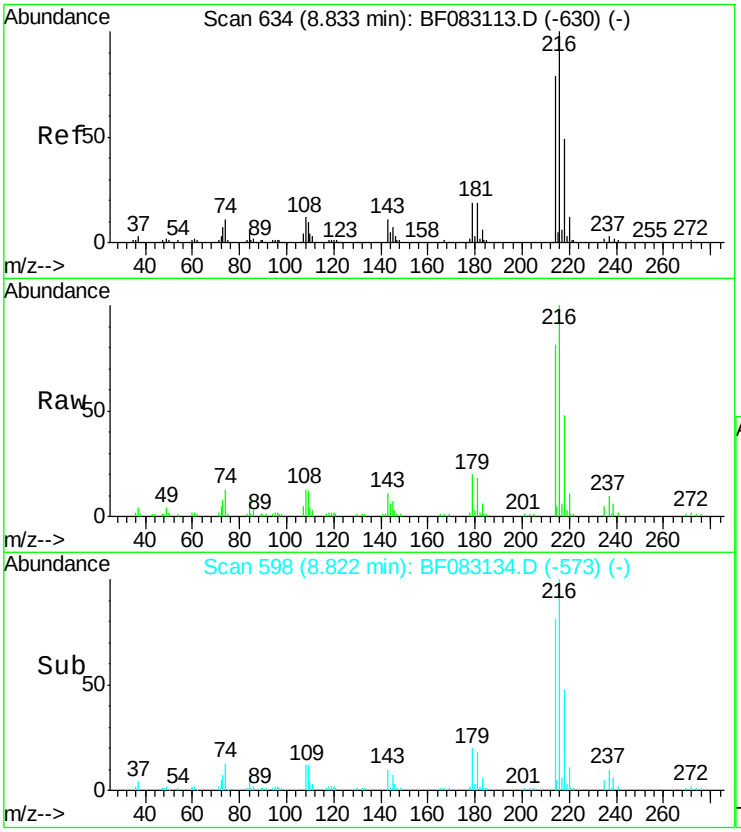


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:164 Resp: 378911

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.2	121.8
160	44.0	35.6	53.4

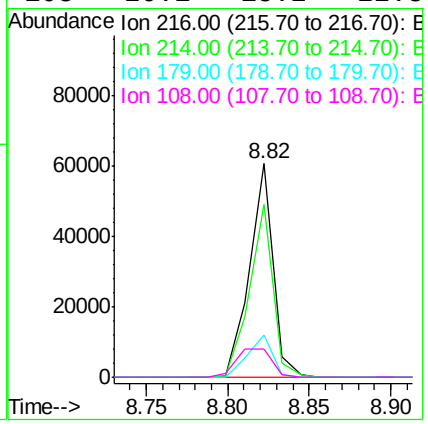




#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.95 ng
RT: 8.82 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:216 Resp: 60797

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	20.8	17.0	25.6
108	20.1	15.2	22.8



Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
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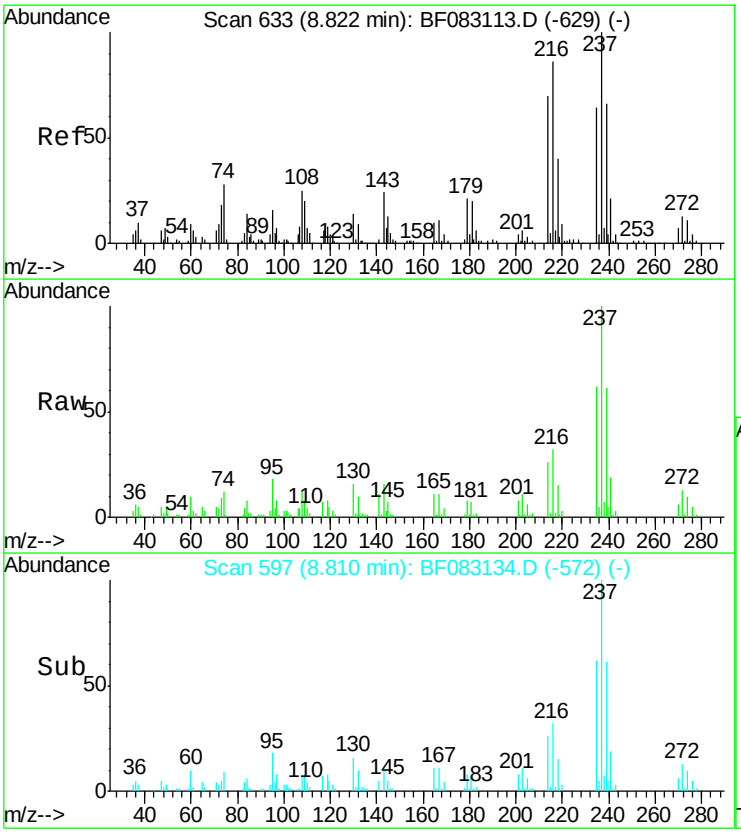
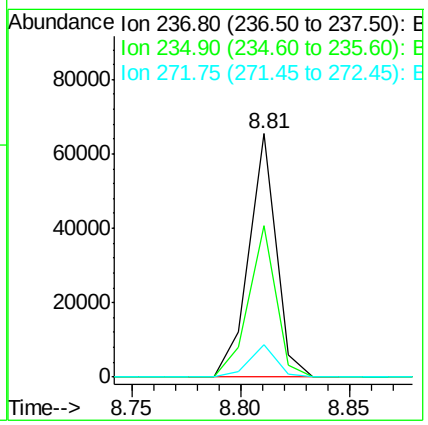
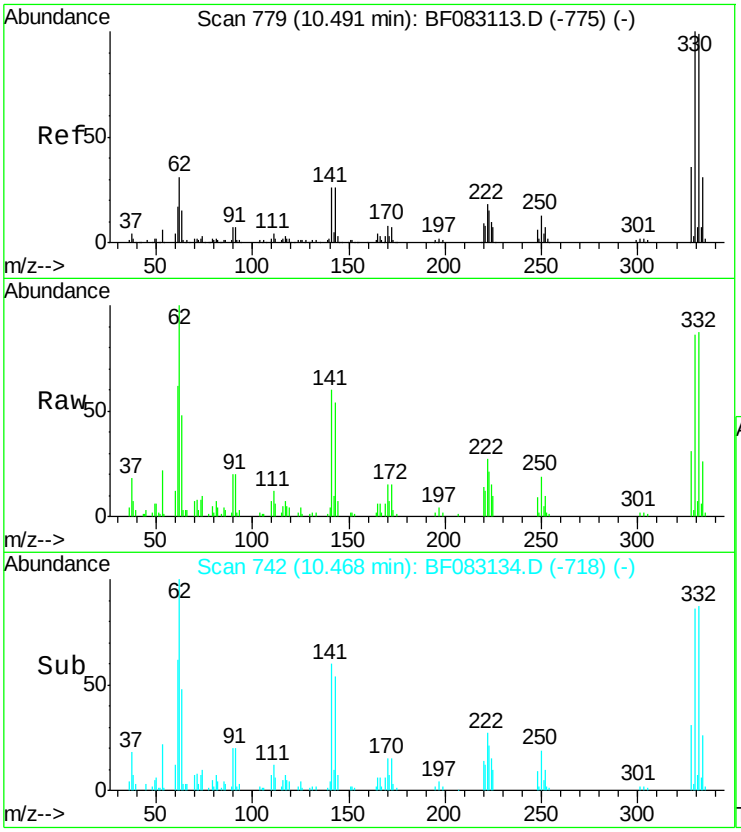


#40
Hexachlorocyclopentadiene
Concen: 8.18 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:237 Resp: 57132

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.5	83.5
272	13.1	0.0	33.1

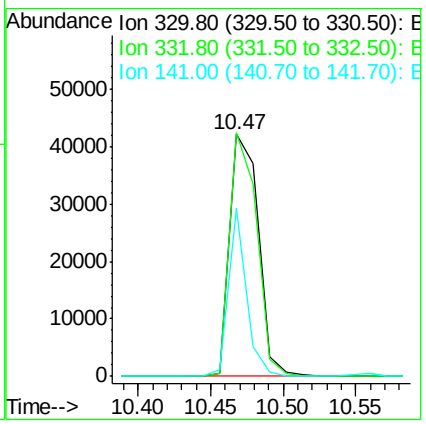




#41
2,4,6-Tribromophenol
Concen: 14.87 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:330 Resp: 57642

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.7	116.5
141	43.3	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
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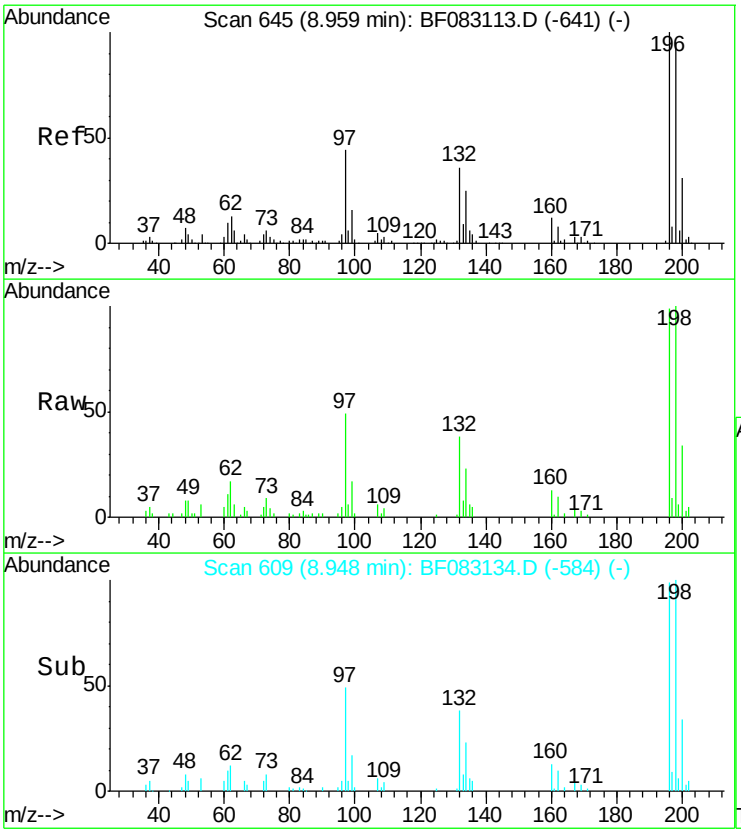
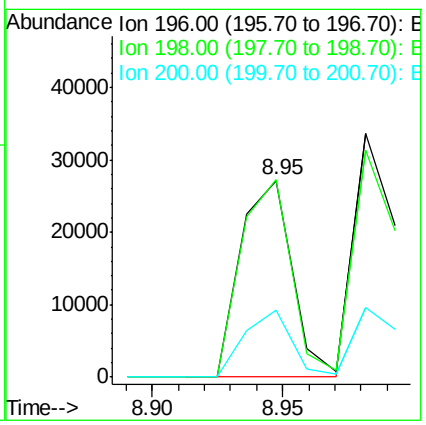
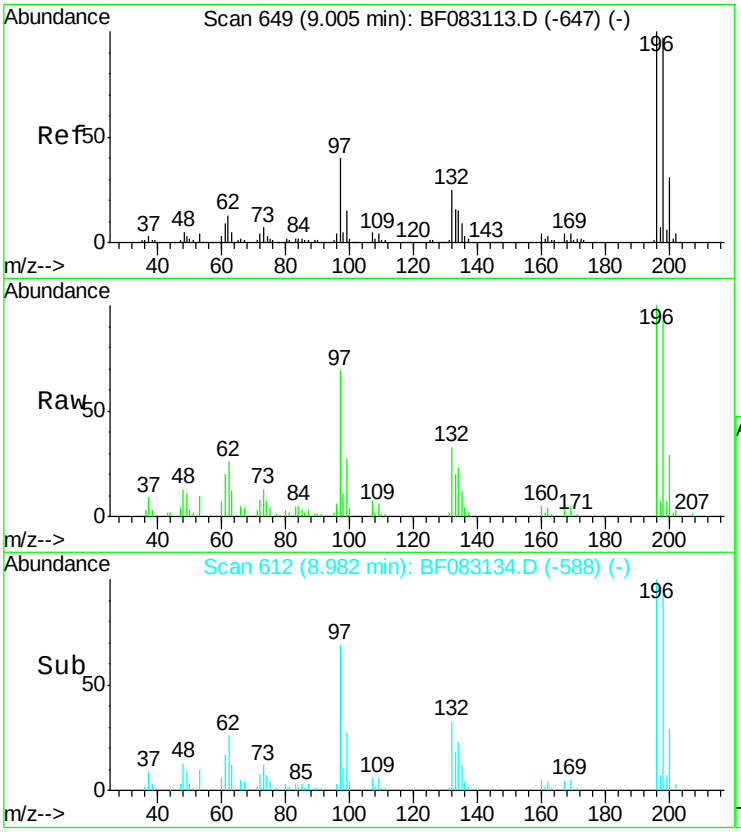


#42
2,4,6-Trichlorophenol
Concen: 4.24 ng
RT: 8.95 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:196 Resp: 37279

Ion	Ratio	Lower	Upper
196	100		
198	100.8	75.9	113.9
200	34.0	24.5	36.7

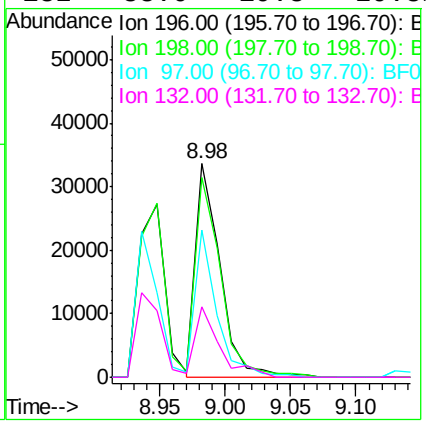




#43
2,4,5-Trichlorophenol
Concen: 4.91 ng
RT: 8.98 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:196 Resp: 44133

Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.6	116.4
97	69.1	32.6	48.8#
132	33.0	19.8	29.8#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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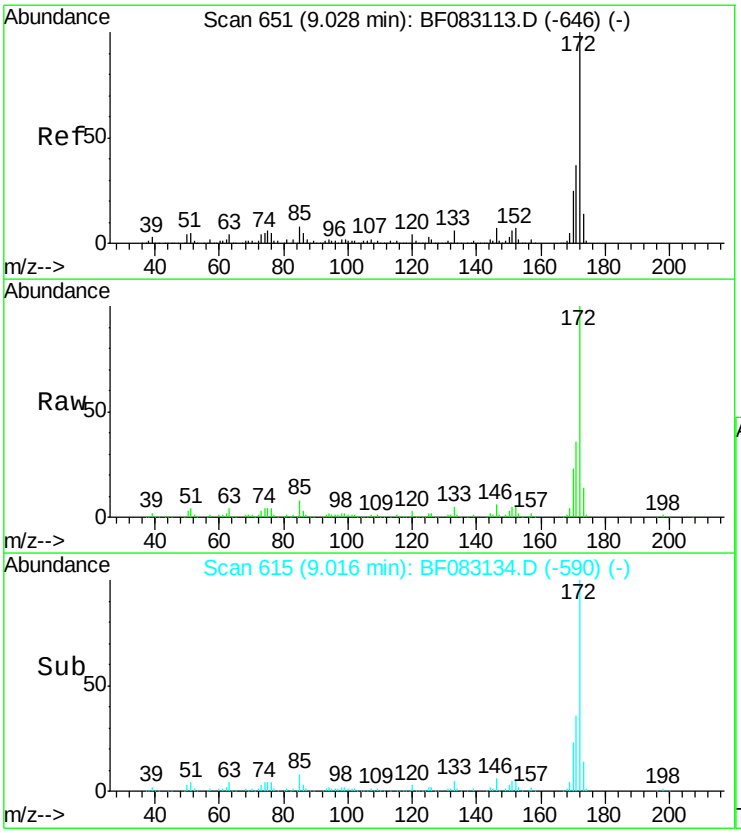
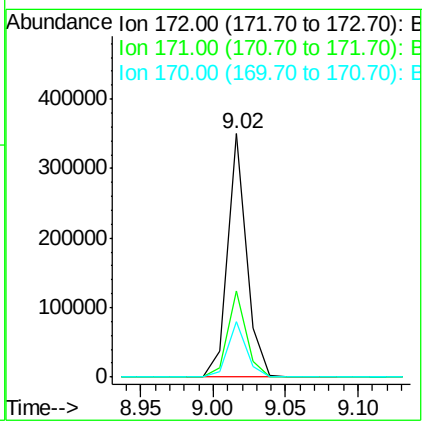
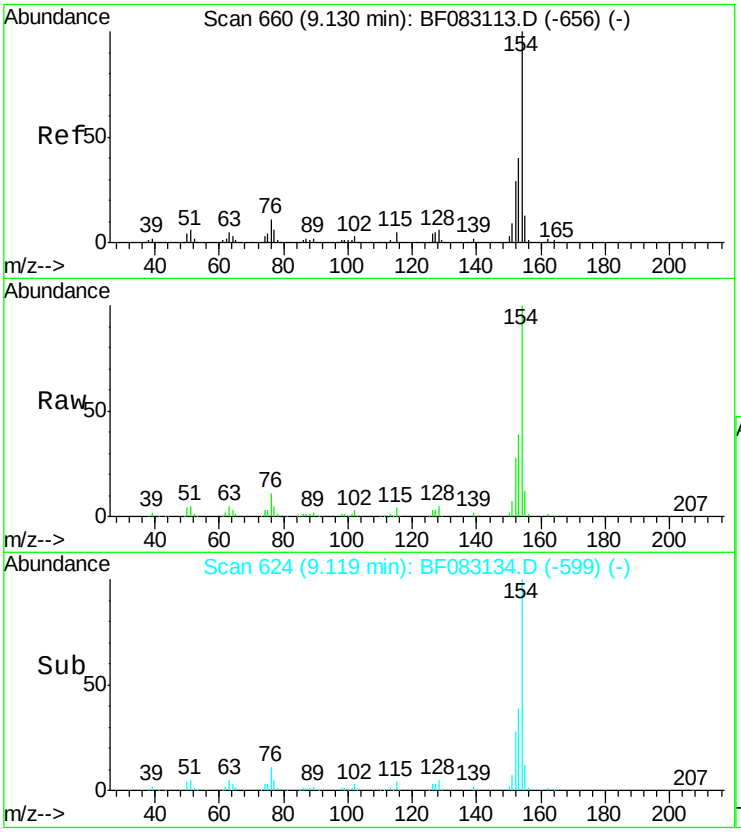


#44
2-Fluorobiphenyl
Concen: 11.65 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:172 Resp: 316637

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.5	44.3
170	22.6	19.9	29.9

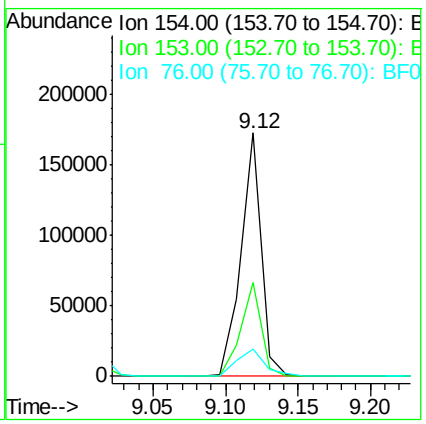




#45
1,1'-Biphenyl
Concen: 5.19 ng
RT: 9.12 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:154 Resp: 167247

Ion	Ratio	Lower	Upper
154	100		
153	38.7	20.5	60.5
76	11.1	0.0	31.2



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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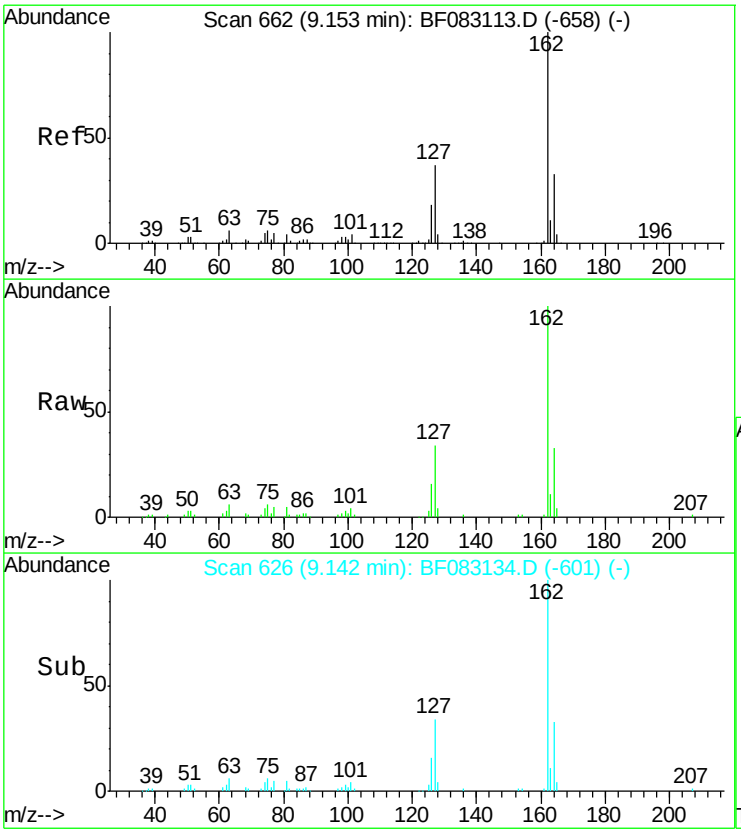
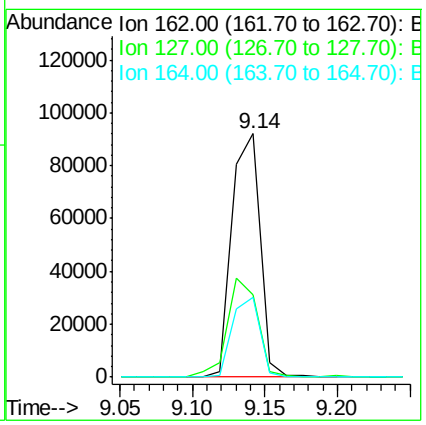
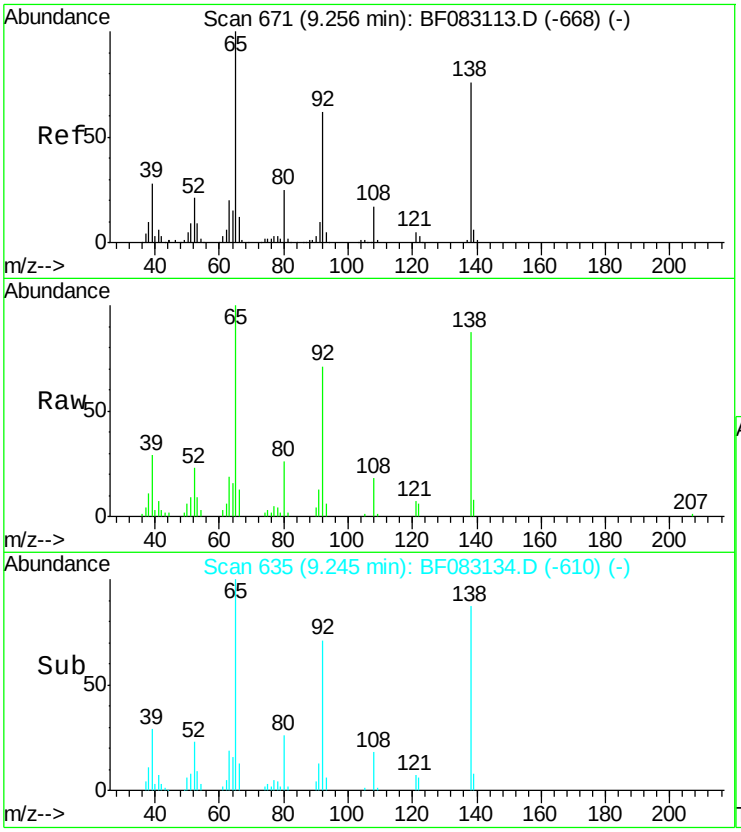


#46
2-Chloronaphthalene
Concen: 4.91 ng
RT: 9.14 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:162 Resp: 124406

Ion	Ratio	Lower	Upper
162	100		
127	34.0	29.4	44.2
164	32.7	26.2	39.4

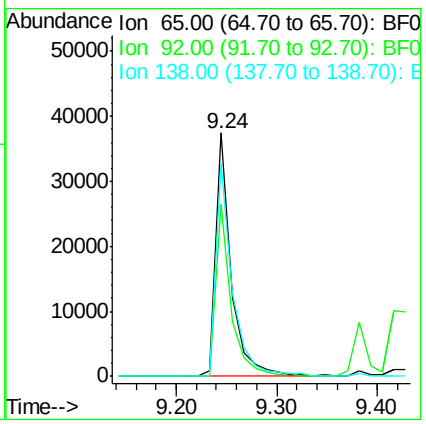




#47
2-Nitroaniline
Concen: 4.48 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 65 Resp: 40139

Ion	Ratio	Lower	Upper
65	100		
92	70.7	49.5	74.3
138	87.2	60.7	91.1



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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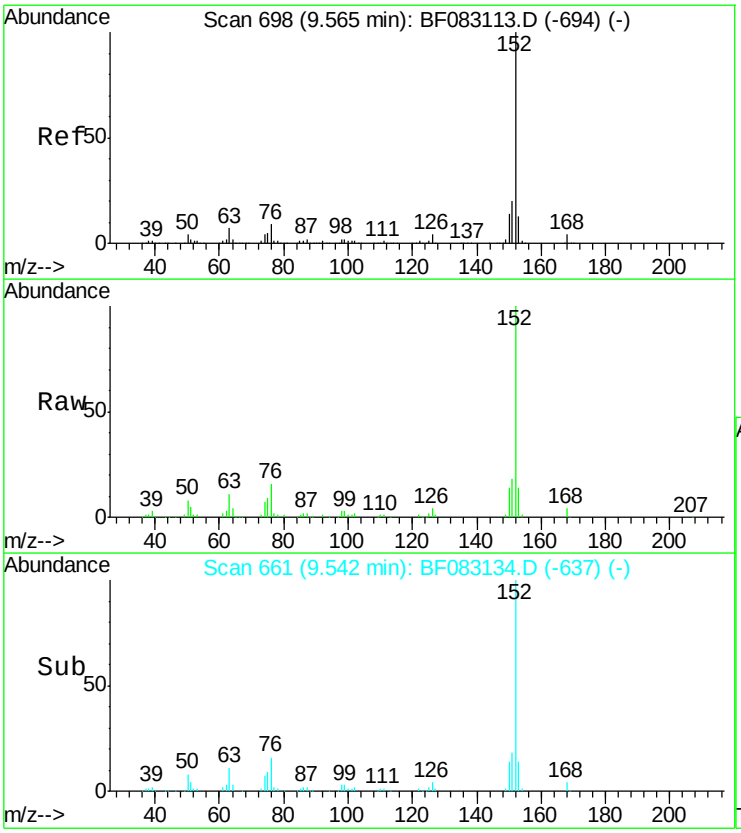
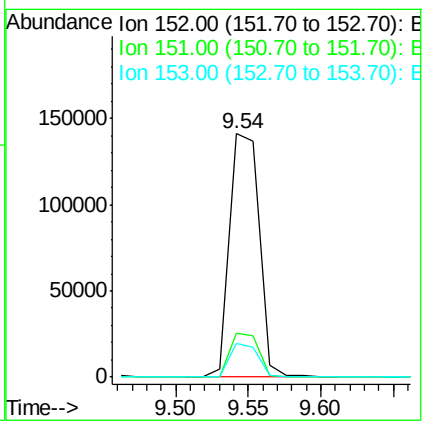
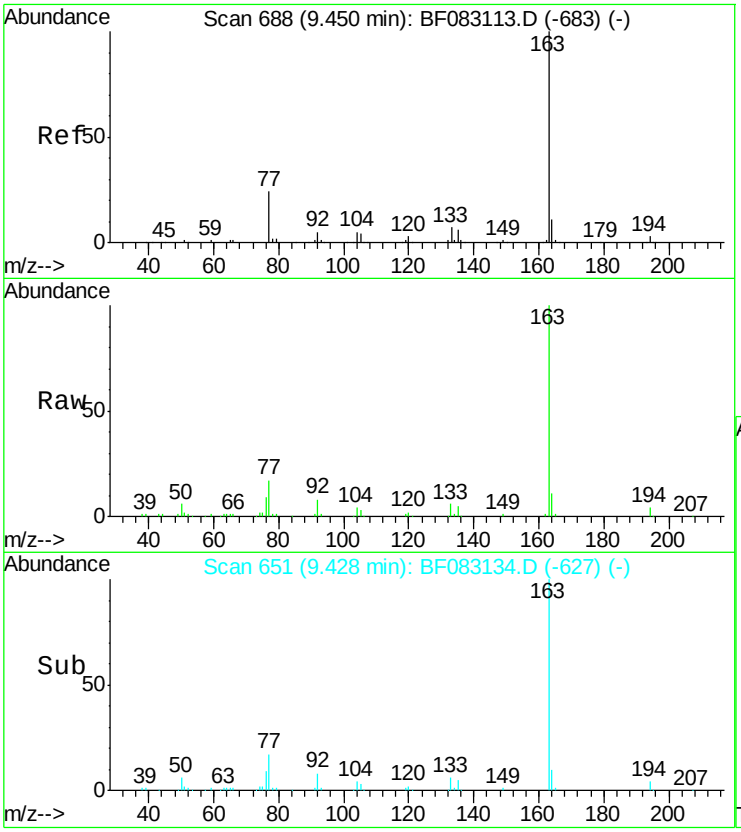


#48
Acenaphthylene
Concen: 5.08 ng
RT: 9.54 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:152 Resp: 199566

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.3	24.5
153	14.0	10.8	16.2

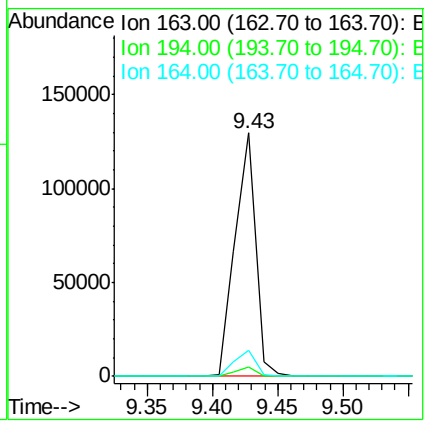




#49
Dimethylphthalate
Concen: 4.86 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:163 Resp: 141683

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.8	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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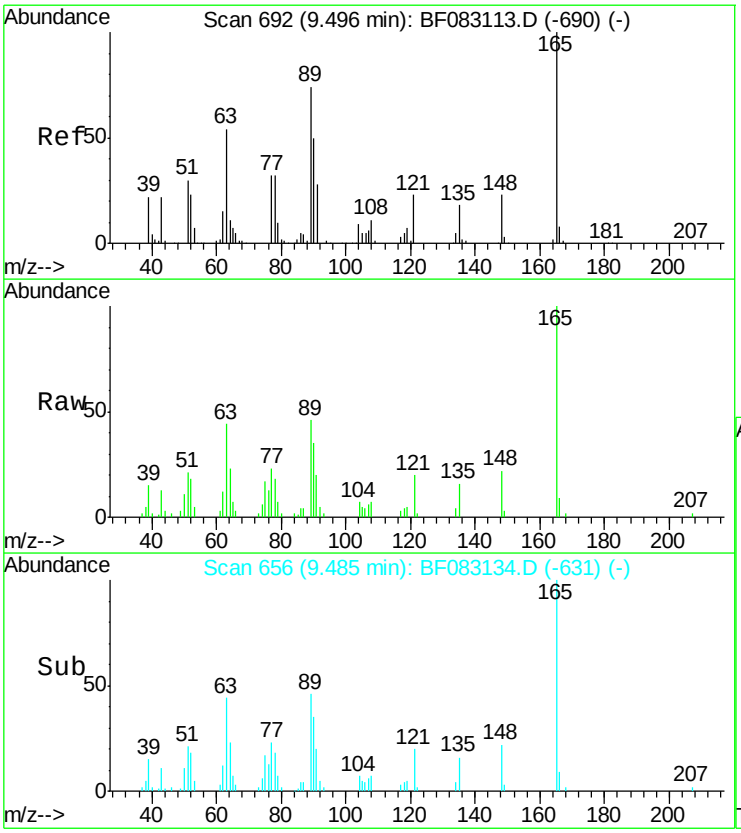
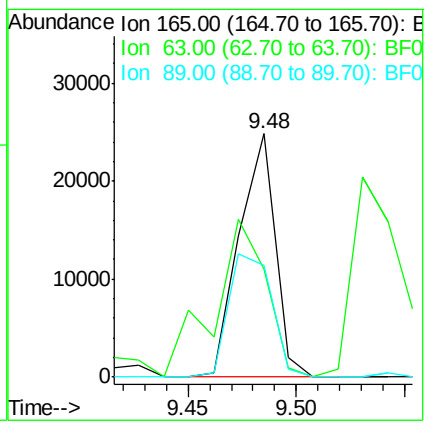
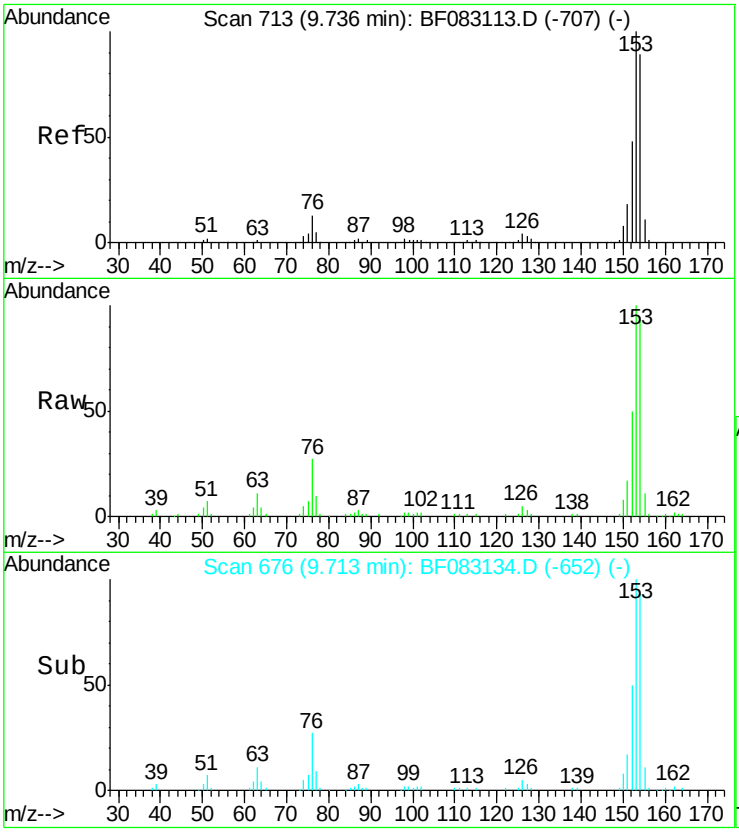


#50
2,6-Dinitrotoluene
Concen: 4.38 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:165 Resp: 28638

Ion	Ratio	Lower	Upper
165	100		
63	44.1	62.5	93.7#
89	46.1	59.1	88.7#

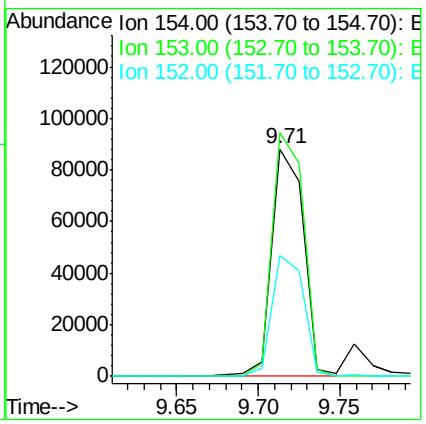




#51
Acenaphthene
Concen: 5.02 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:154 Resp: 119887

Ion	Ratio	Lower	Upper
154	100		
153	107.3	89.6	134.4
152	53.3	43.3	64.9



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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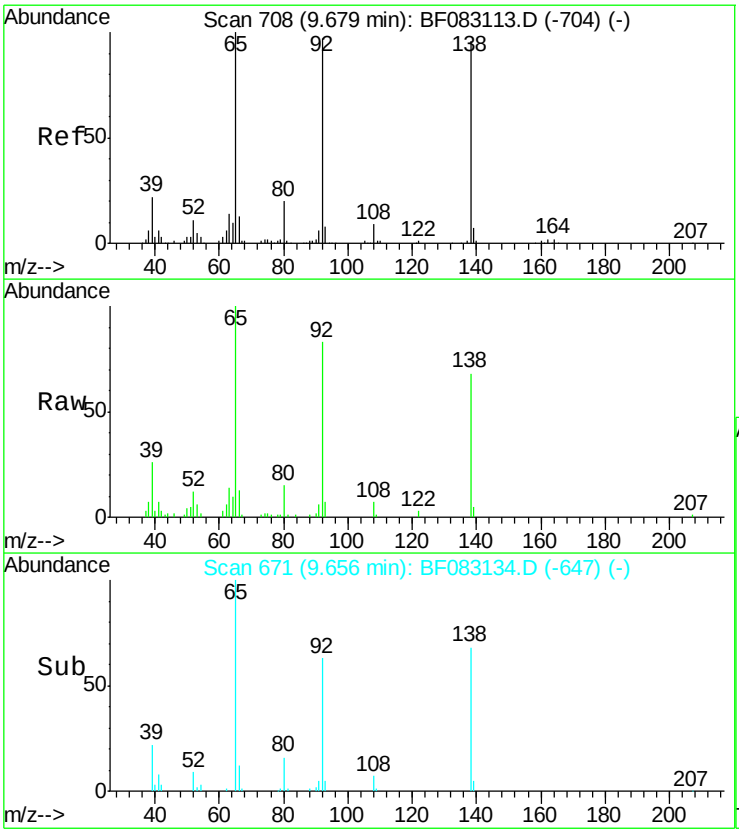
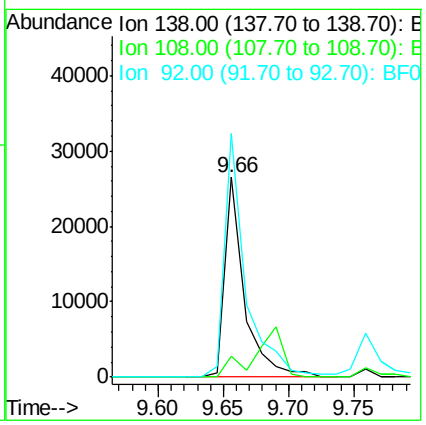
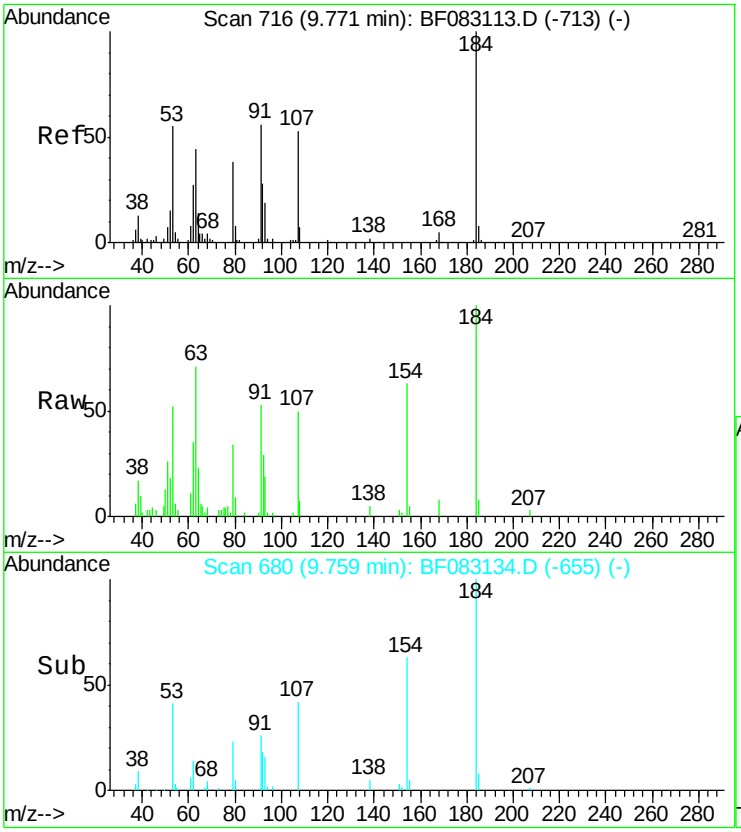


#52
3-Nitroaniline
Concen: 3.95 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:138 Resp: 27585

Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.6
92	121.9	81.1	121.7#

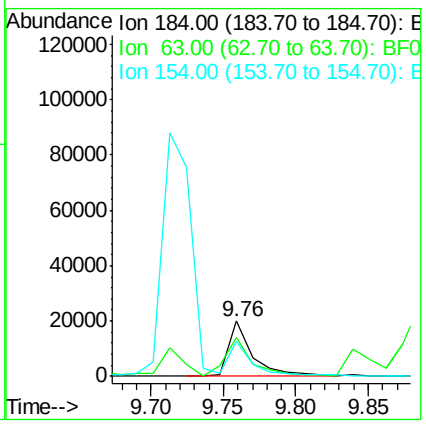




#53
2,4-Dinitrophenol
Concen: 5.99 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:184 Resp: 22579

Ion	Ratio	Lower	Upper
184	100		
63	70.9	60.5	90.7
154	62.9	54.3	81.5



Instrument :
BNA_F
ClientSampleId :
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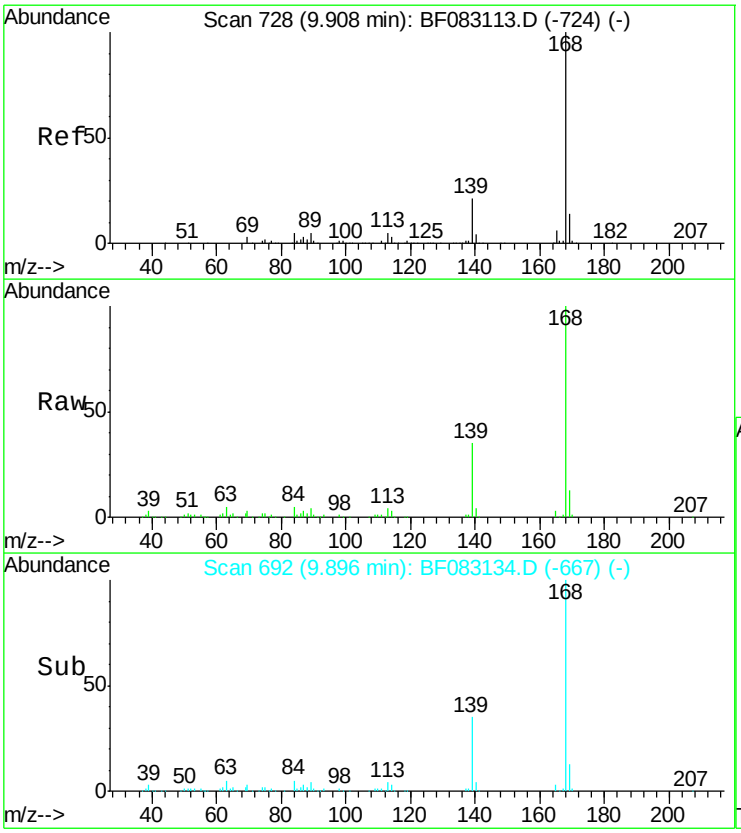
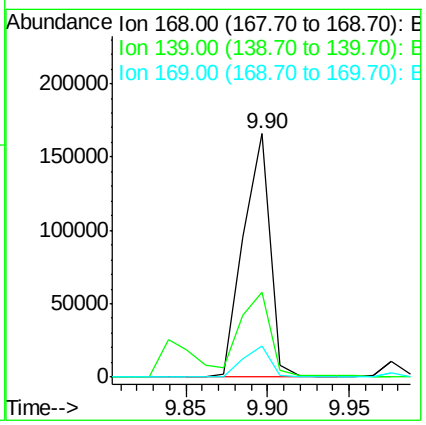
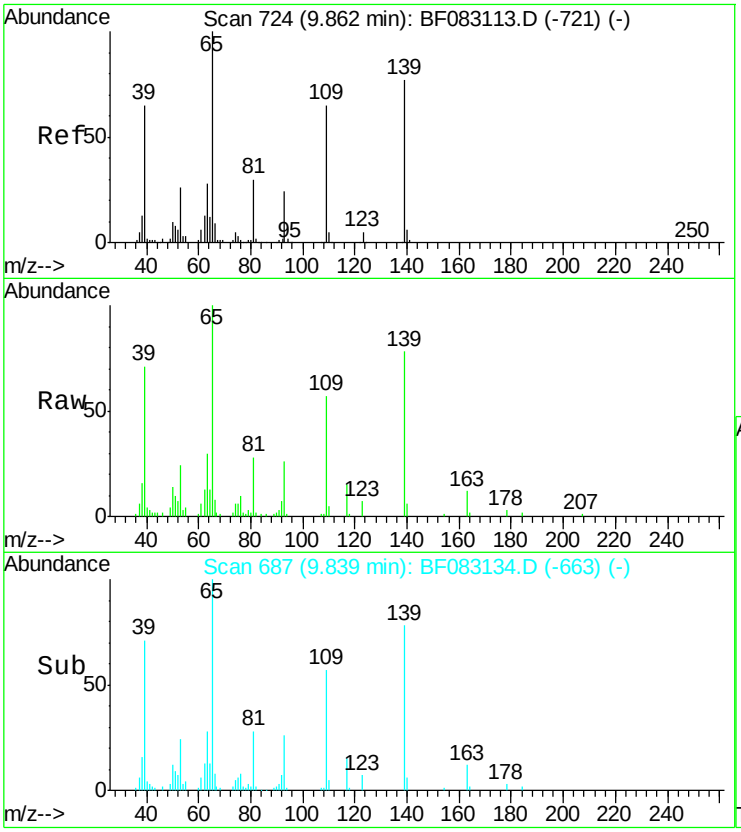


#54
Dibenzofuran
Concen: 5.54 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:168 Resp: 187261

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.2	45.2
169	12.7	10.9	16.3

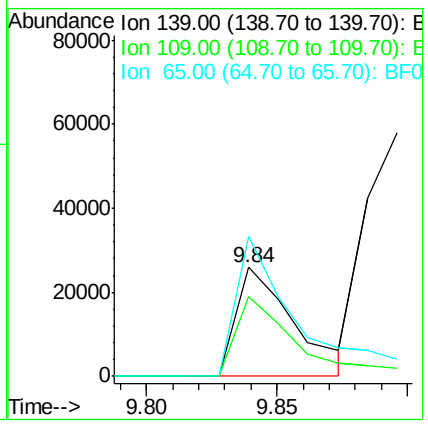




#55
4-Nitrophenol
Concen: 7.48 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:139 Resp: 40027

Ion	Ratio	Lower	Upper
139	100		
109	73.2	64.0	104.0
65	128.8	109.5	149.5



Instrument :
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ClientSampleId :
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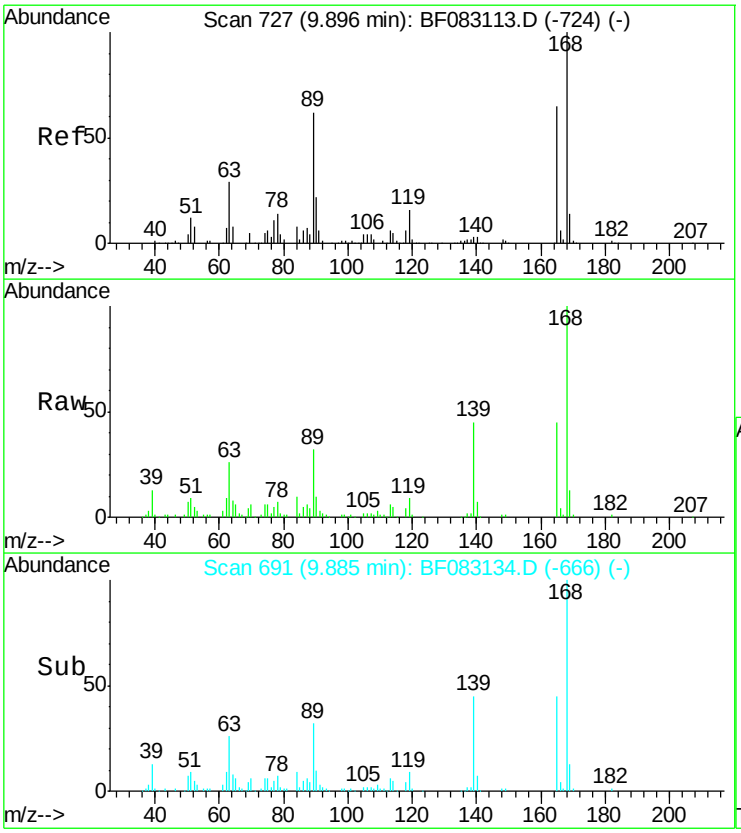
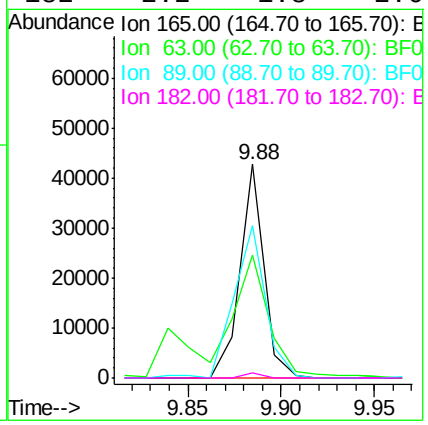
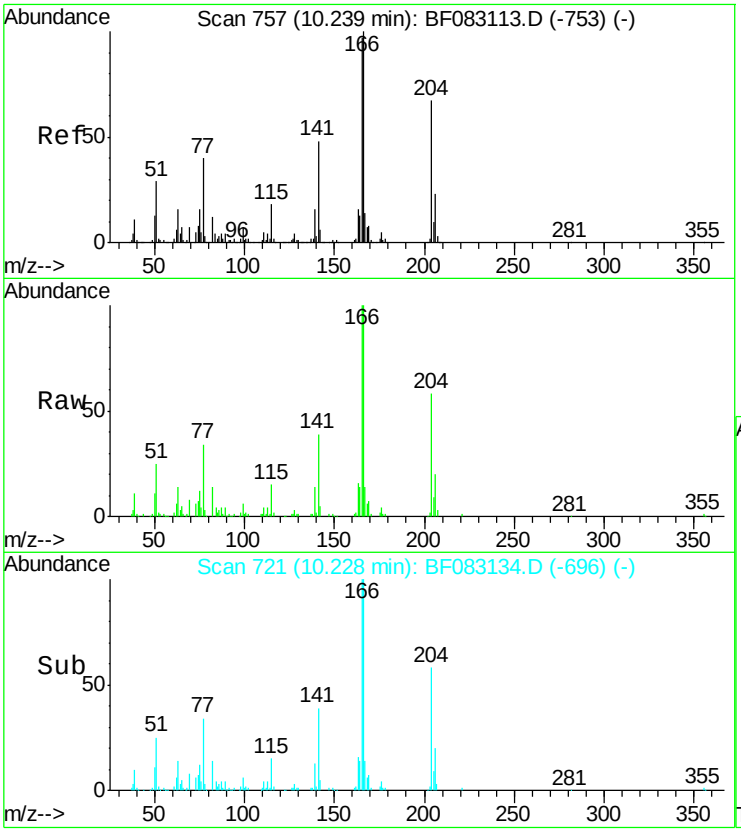


#56
2,4-Dinitrotoluene
Concen: 4.62 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:165 Resp: 38303

Ion	Ratio	Lower	Upper
165	100		
63	57.4	54.5	81.7
89	71.2	77.3	115.9#
182	2.2	1.8	2.6

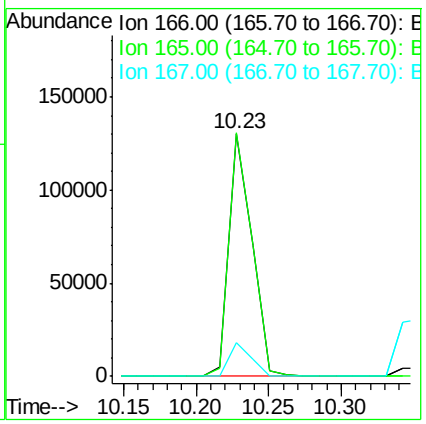




#57
Fluorene
Concen: 5.14 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:166 Resp: 143616

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.0	117.0
167	13.8	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
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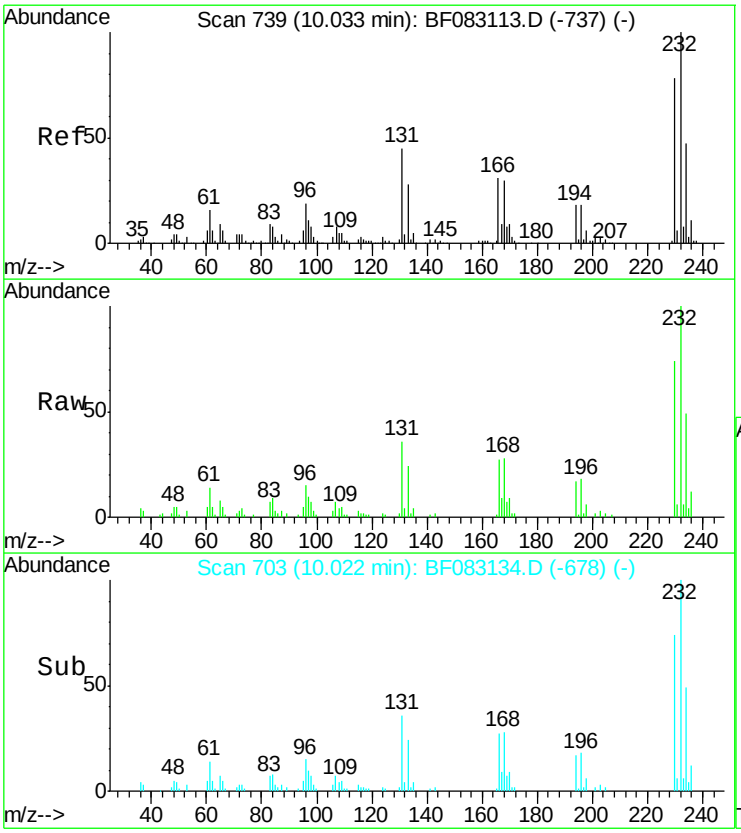
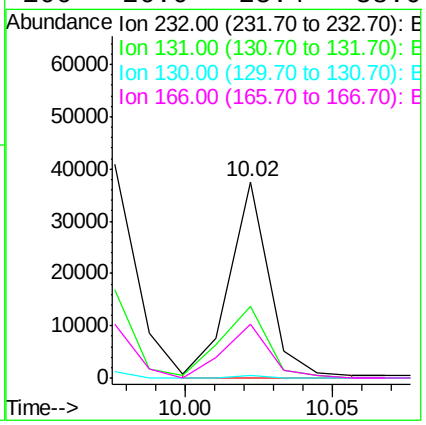
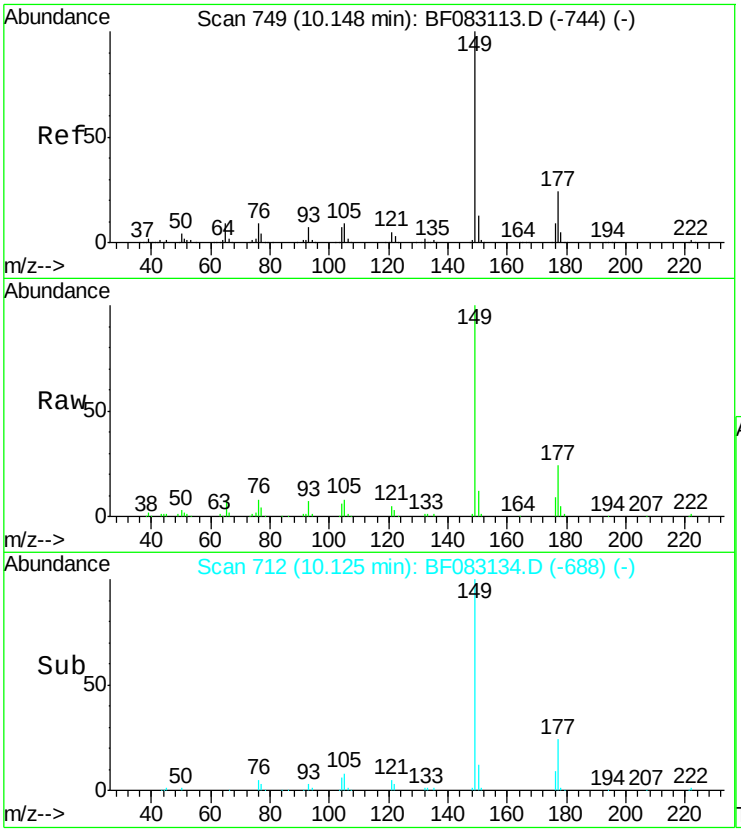


#58
2,3,4,6-Tetrachlorophenol
Concen: 4.82 ng m
RT: 10.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:232 Resp: 35553

Ion	Ratio	Lower	Upper
232	100		
131	41.7	38.6	57.8
130	2.4	1.9	2.9
166	26.0	25.4	38.0

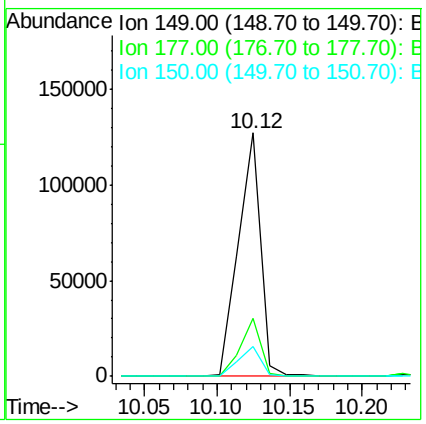




#59
Diethylphthalate
Concen: 4.67 ng
RT: 10.12 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:149 Resp: 135702

Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.4	29.2
150	12.0	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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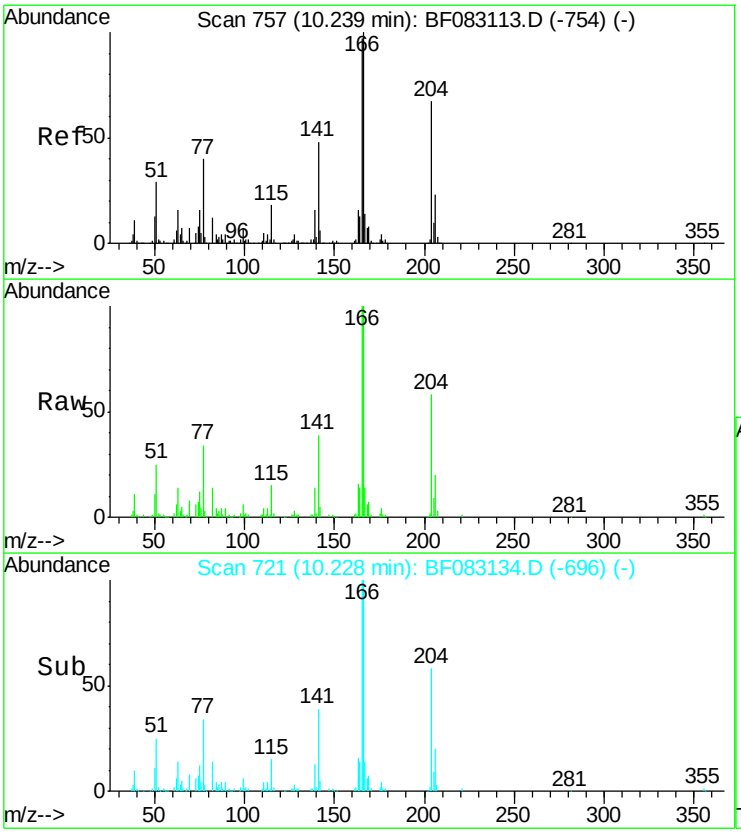
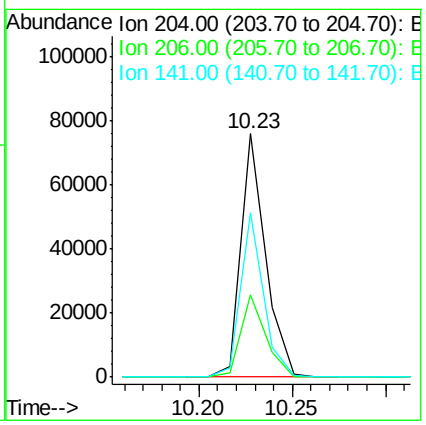
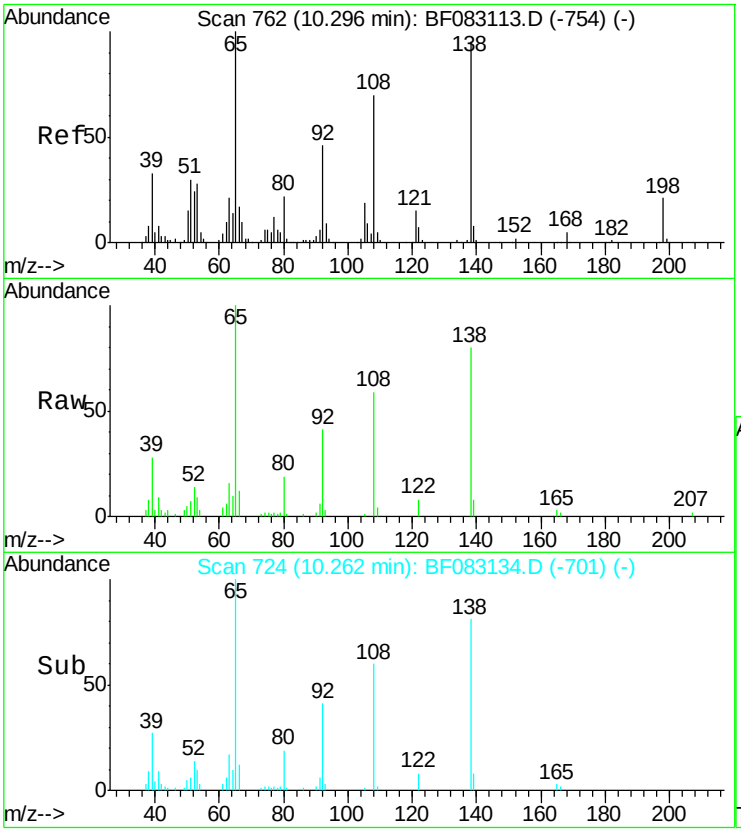


#60
4-Chlorophenyl-phenylether
Concen: 5.47 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:204 Resp: 69922

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.0
141	67.4	57.4	86.2

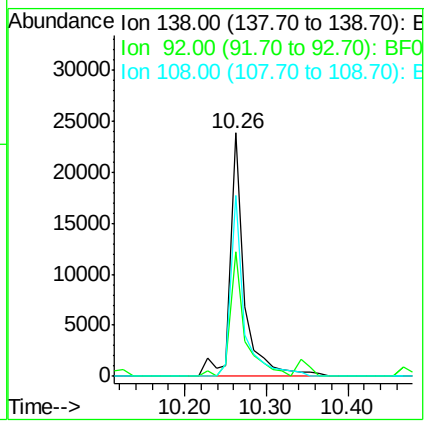




#61
4-Nitroaniline
Concen: 4.18 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:138 Resp: 28717

Ion	Ratio	Lower	Upper
138	100		
92	50.9	28.4	68.4
108	74.1	53.5	93.5



Instrument :
BNA_F
ClientSampleId :
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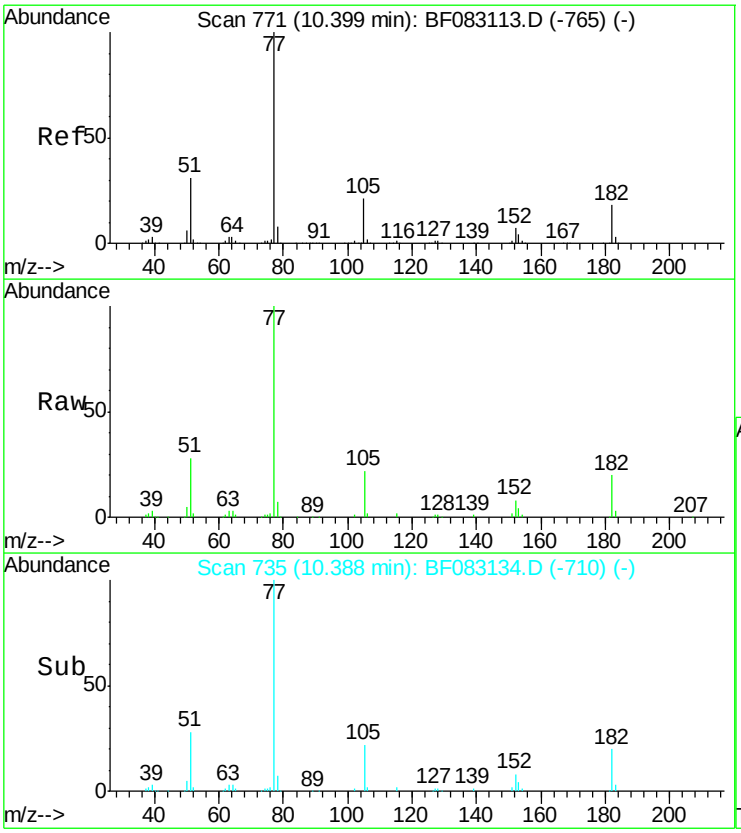
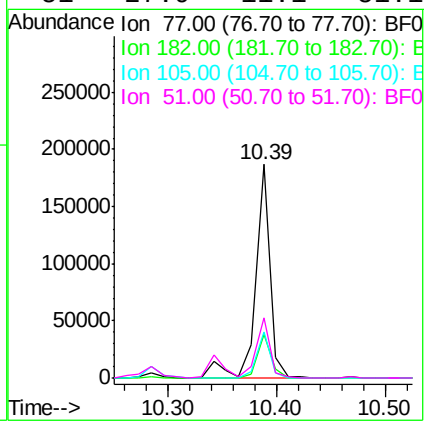
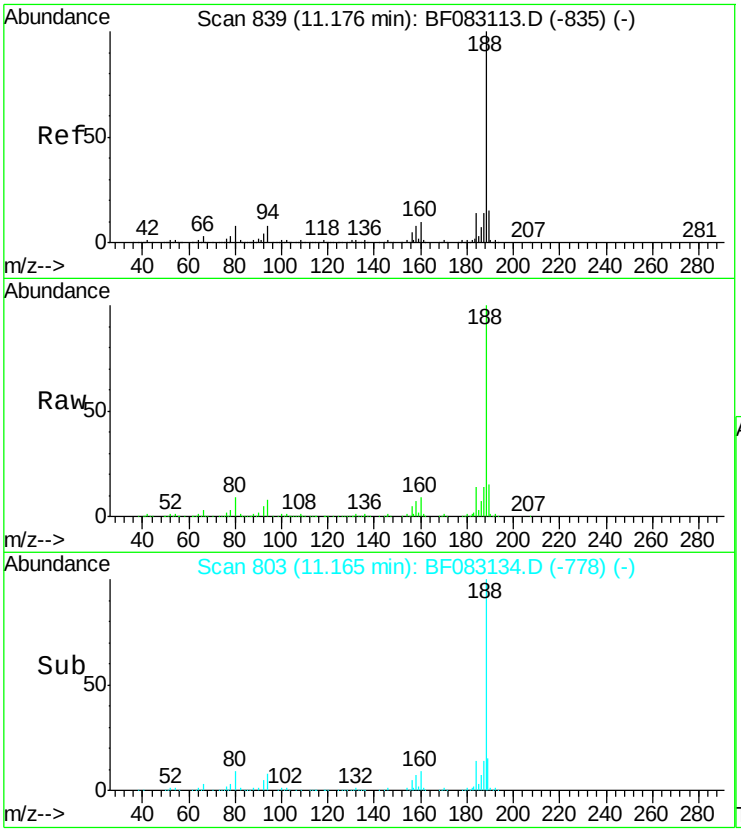


#62
Azobenzene
Concen: 5.40 ng
RT: 10.39 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion: 77 Resp: 178933

Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	38.3
105	21.5	1.2	41.2
51	27.9	11.1	51.1

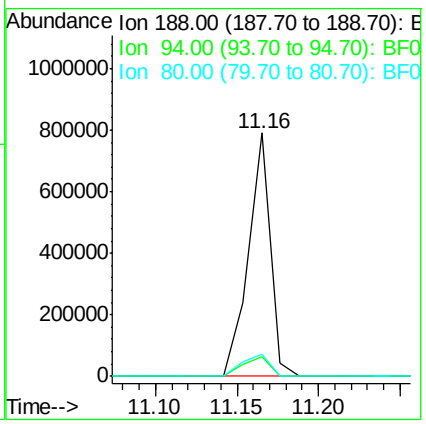




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:188 Resp: 739141

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.0	9.0
80	9.3	6.7	10.1



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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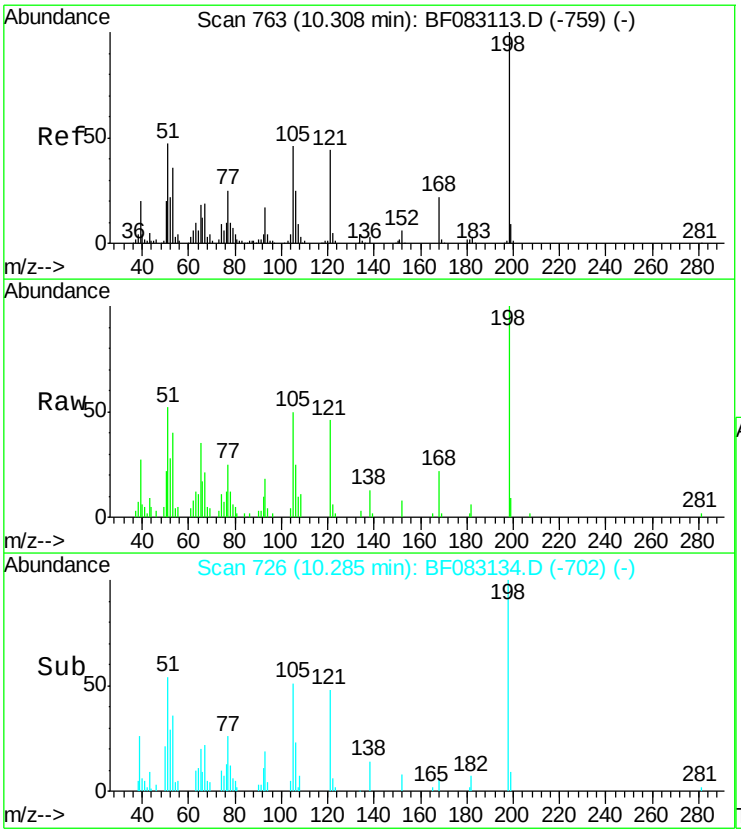
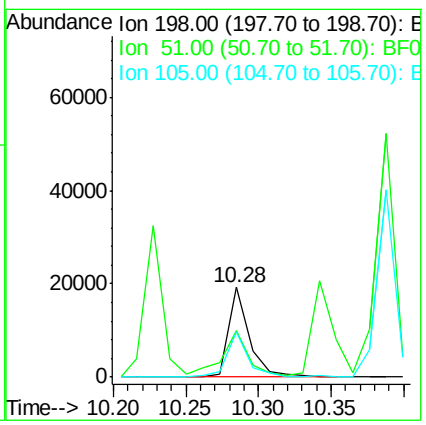
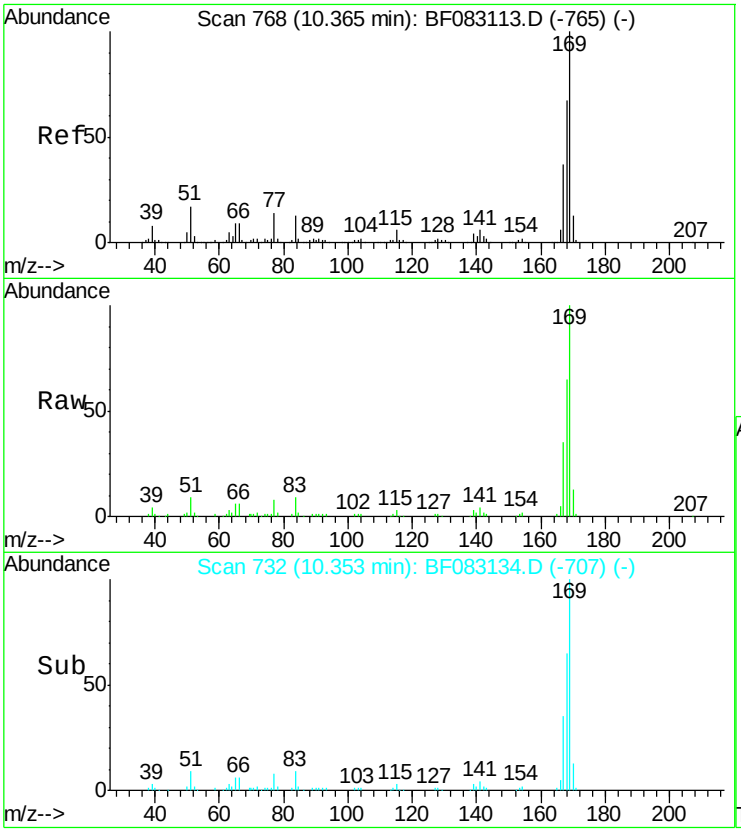


#64
4,6-Dinitro-2-methylphenol
Concen: 3.71 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:198 Resp: 18910

Ion	Ratio	Lower	Upper
198	100		
51	51.9	27.0	67.0
105	49.9	26.1	66.1

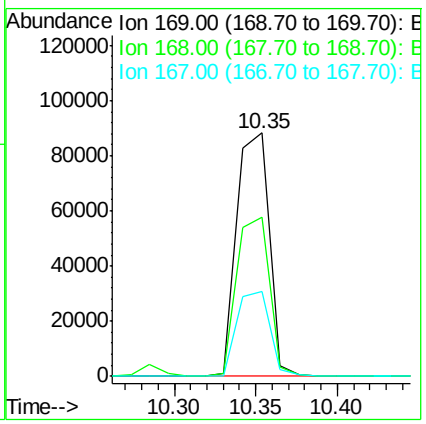




#65
n-Nitrosodiphenylamine
Concen: 4.81 ng
RT: 10.35 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:169 Resp: 120927

Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.8	80.6
167	34.9	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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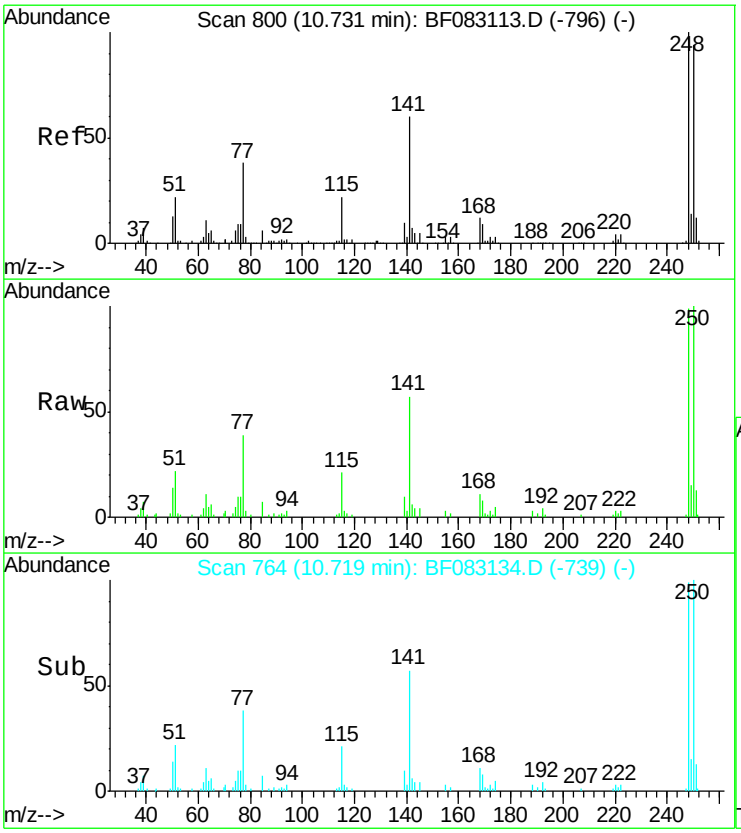
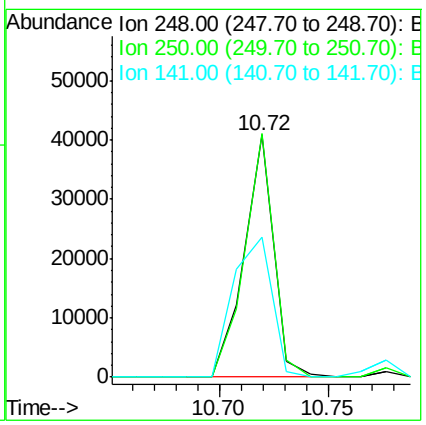
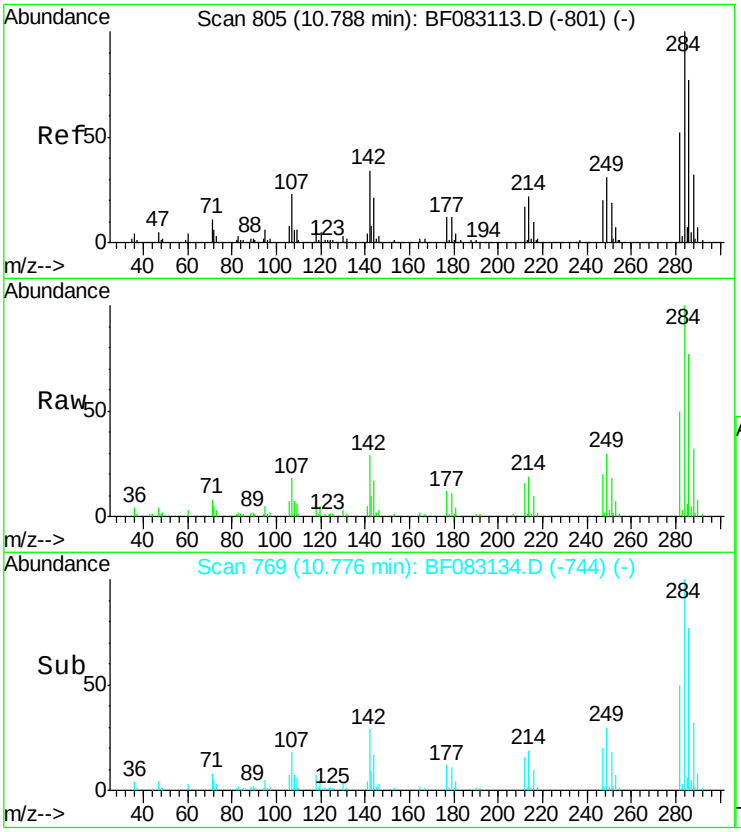


#66
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:248 Resp: 38463

Ion	Ratio	Lower	Upper
248	100		
250	100.7	75.4	113.2
141	57.8	48.1	72.1

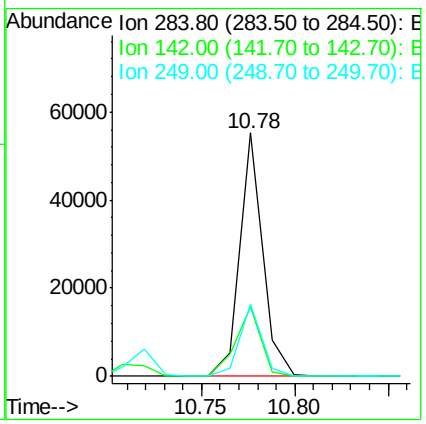




#67
Hexachlorobenzene
Concen: 5.24 ng
RT: 10.78 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:284 Resp: 47349

Ion	Ratio	Lower	Upper
284	100		
142	28.6	27.6	41.4
249	29.7	25.5	38.3



Instrument :
BNA_F
ClientSampleId :
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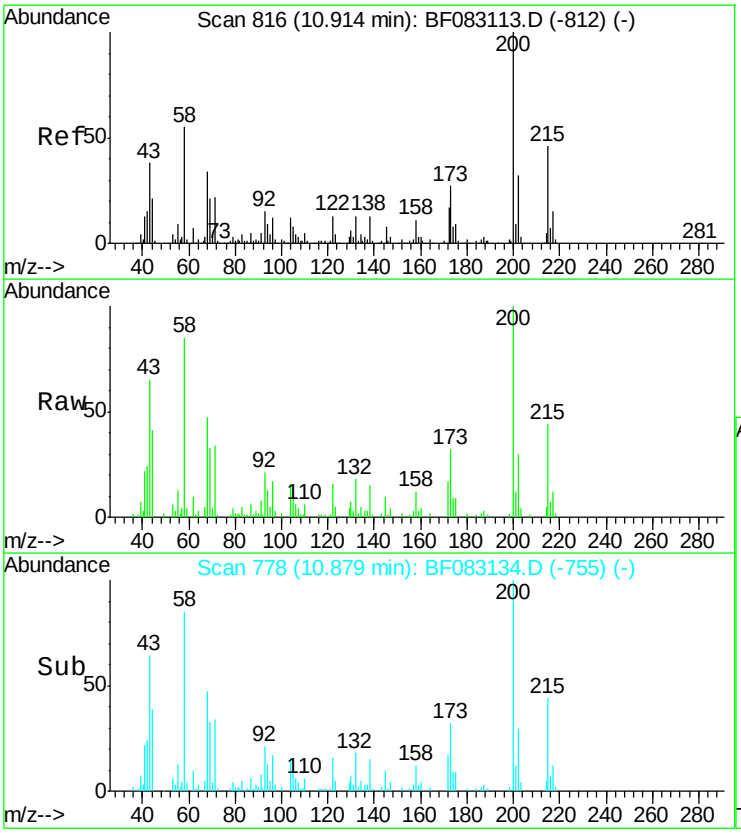
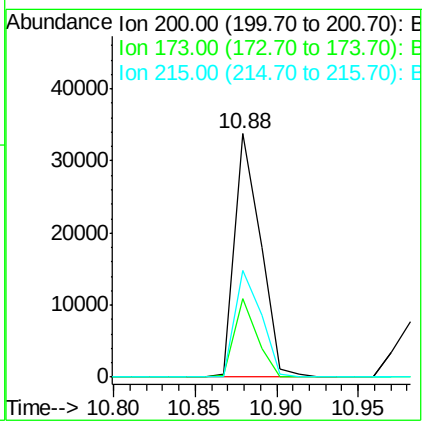
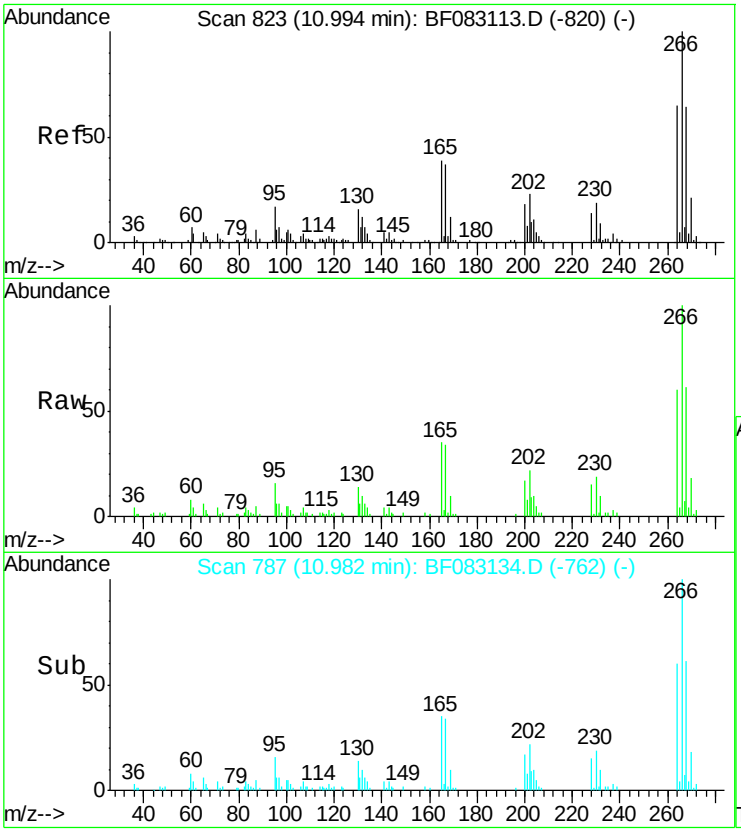


#68
Atrazine
Concen: 5.06 ng
RT: 10.88 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:200 Resp: 36919

Ion	Ratio	Lower	Upper
200	100		
173	32.4	7.2	47.2
215	43.8	25.7	65.7

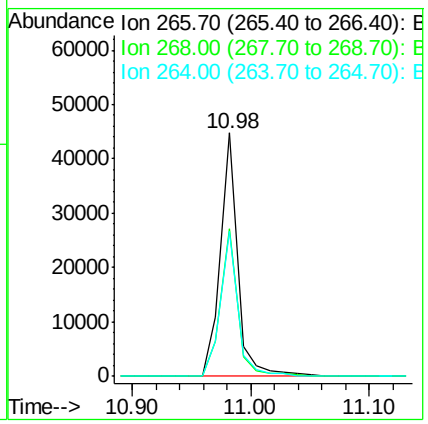




#69
Pentachlorophenol
Concen: 7.66 ng
RT: 10.98 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:266 Resp: 45045

Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.4	77.0
264	59.6	51.7	77.5



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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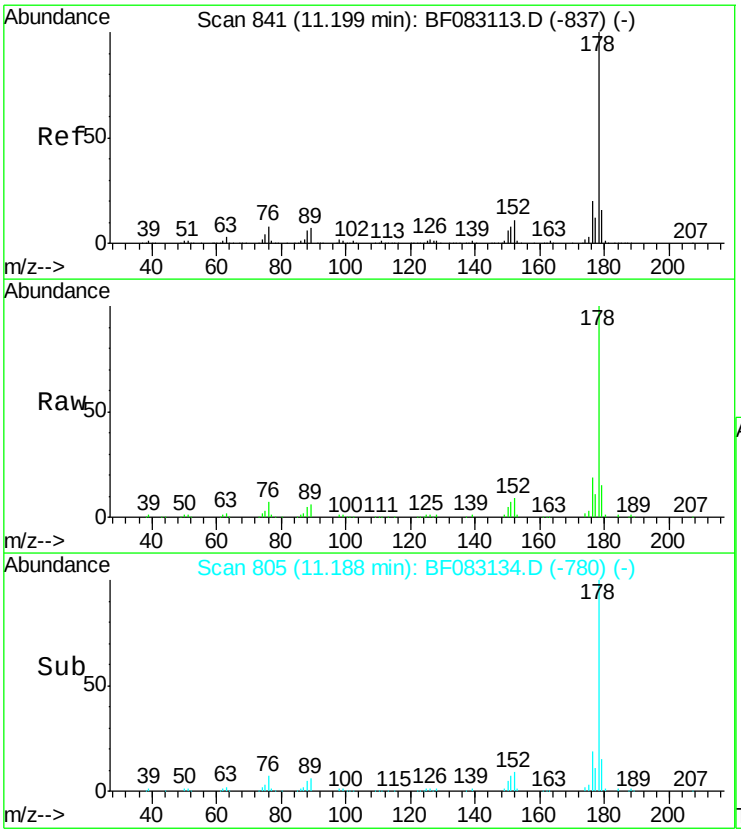
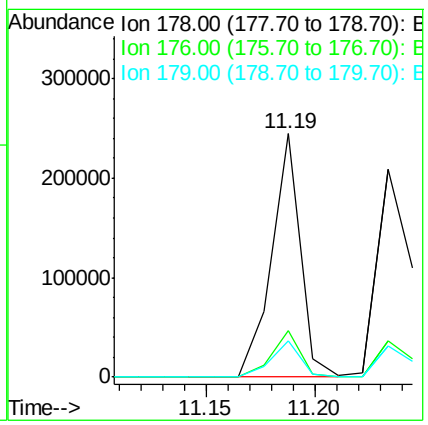
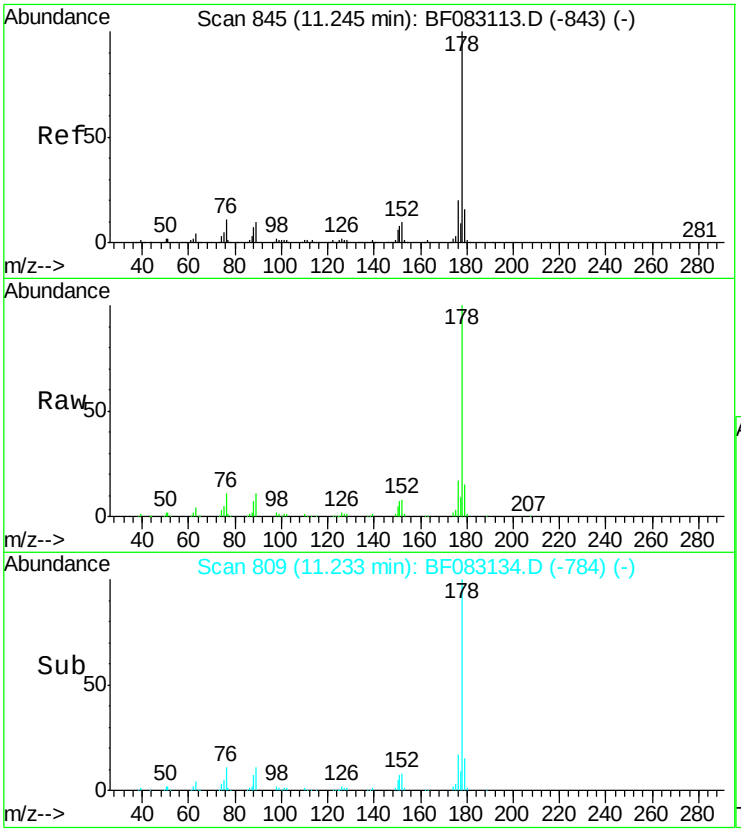


#70
Phenanthrene
Concen: 5.33 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:178 Resp: 227184

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	14.7	12.8	19.2

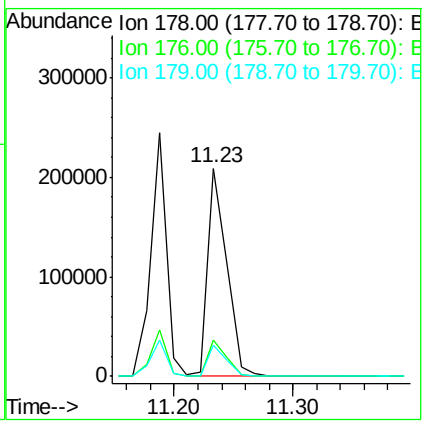




#71
Anthracene
Concen: 5.33 ng
RT: 11.23 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:178 Resp: 231530

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.6	23.4
179	14.7	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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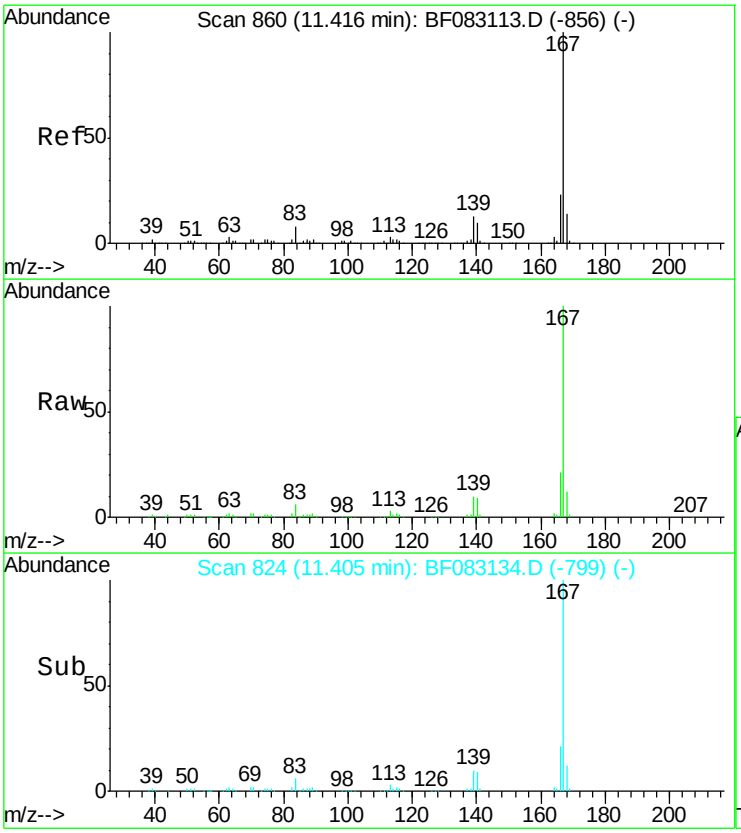
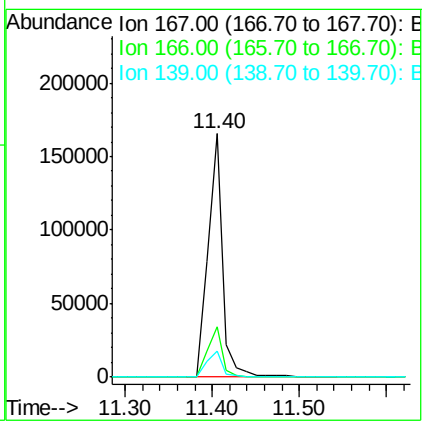
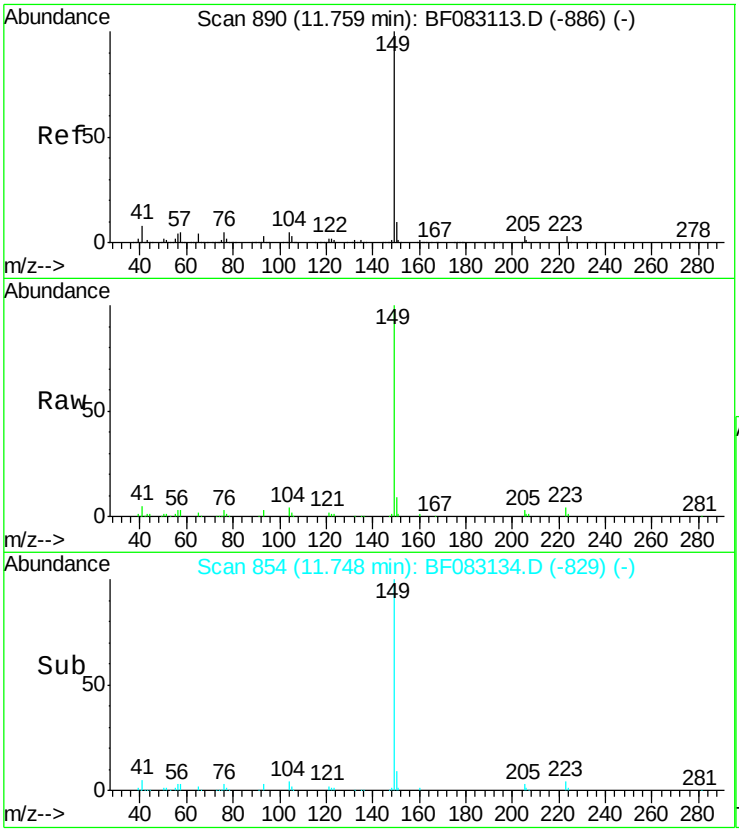


#72
Carbazole
Concen: 4.99 ng
RT: 11.40 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:167 Resp: 192821

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.0	27.0
139	10.4	10.5	15.7#

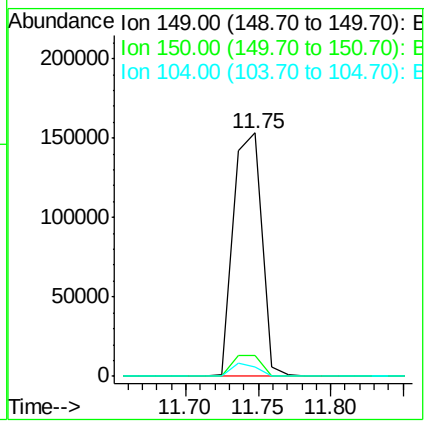




#73
Di-n-butylphthalate
Concen: 4.42 ng
RT: 11.75 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:149 Resp: 208426

Ion	Ratio	Lower	Upper
149	100		
150	8.6	8.0	12.0
104	4.0	4.4	6.6#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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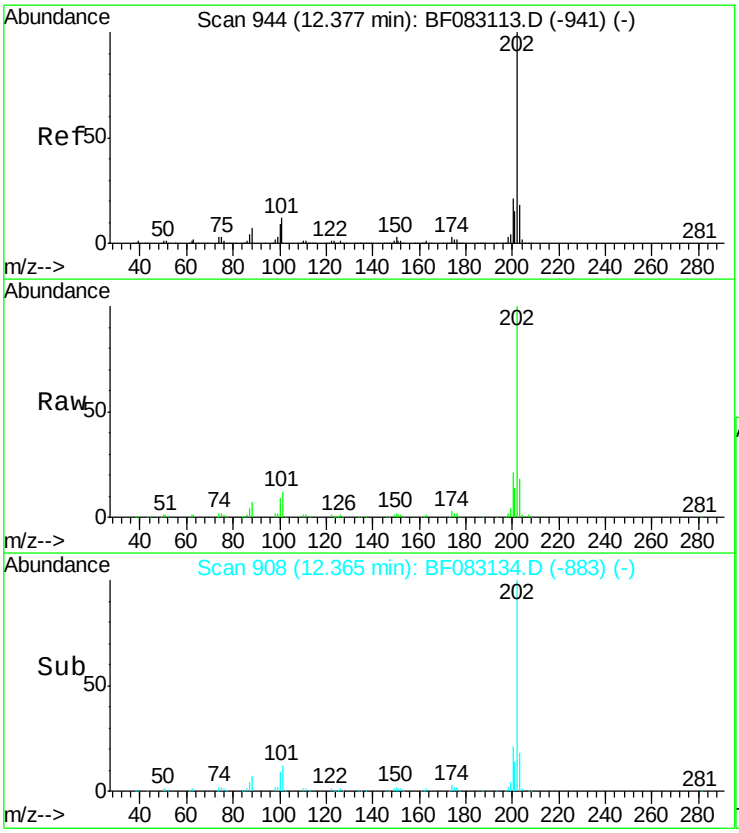
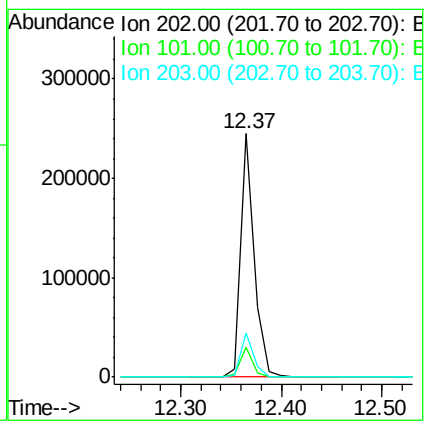
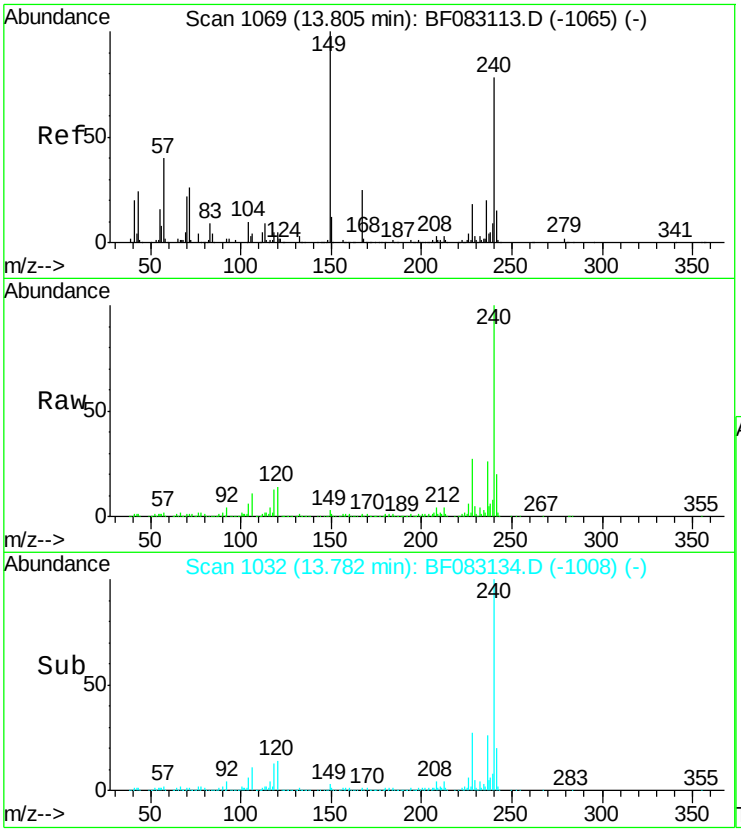


#74
Fluoranthene
Concen: 5.24 ng
RT: 12.37 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:202 Resp: 228240

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.3
203	18.0	0.0	38.4

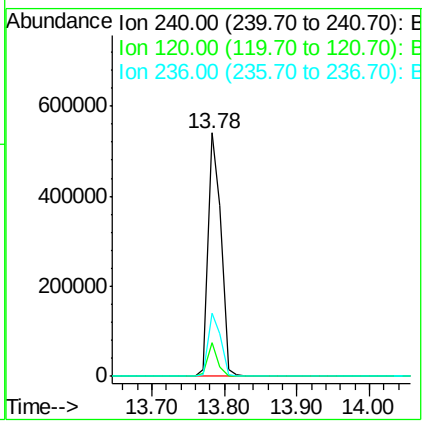




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:240 Resp: 657332

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.4	8.2#
236	25.9	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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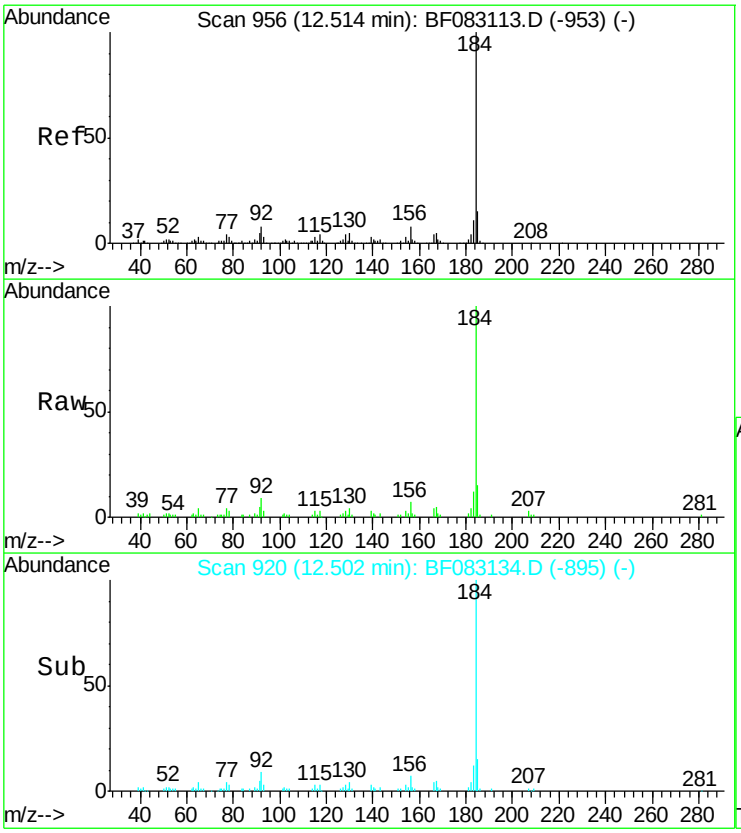
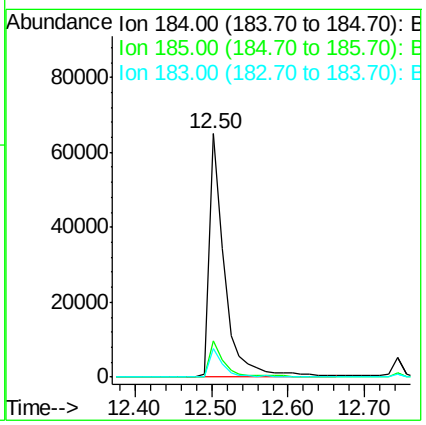
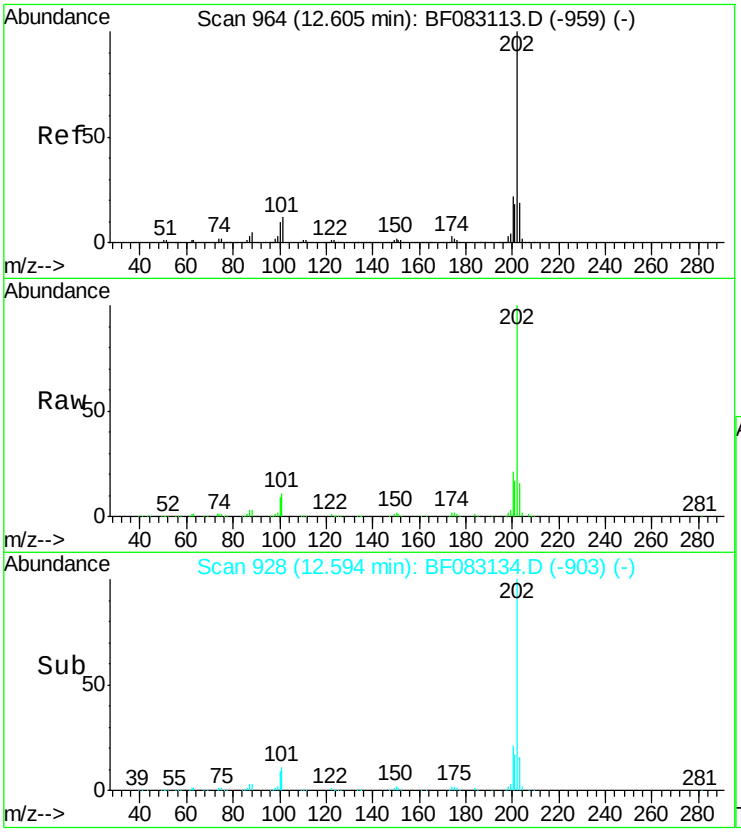


#76
Benzidine
Concen: 5.19 ng
RT: 12.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:184 Resp: 89478

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.9	8.8	13.2

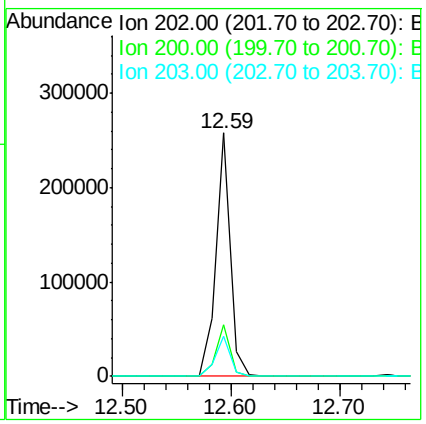




#77
Pyrene
Concen: 5.33 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:202 Resp: 239277

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	16.5	15.0	22.4



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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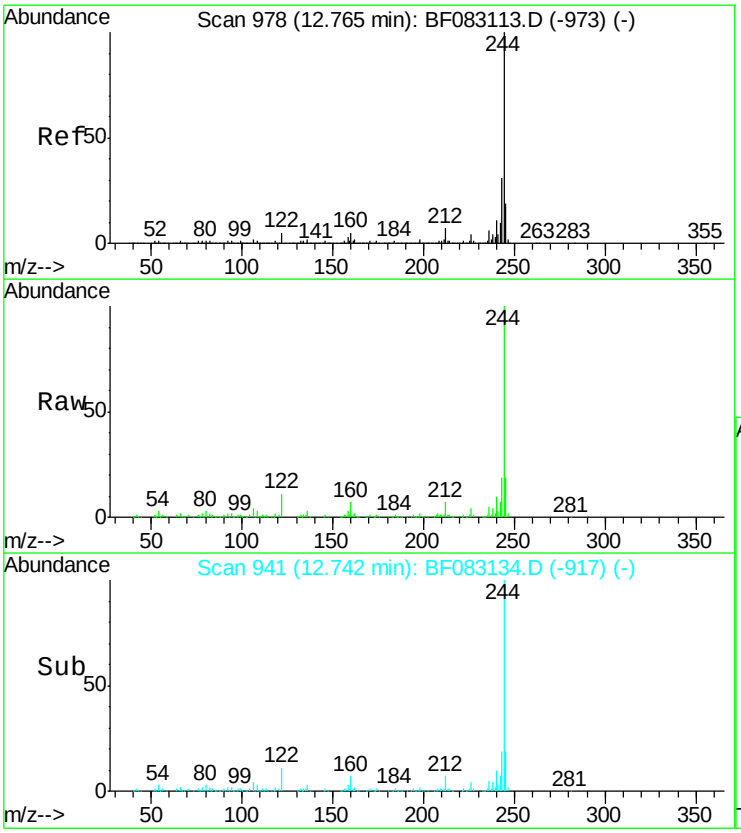
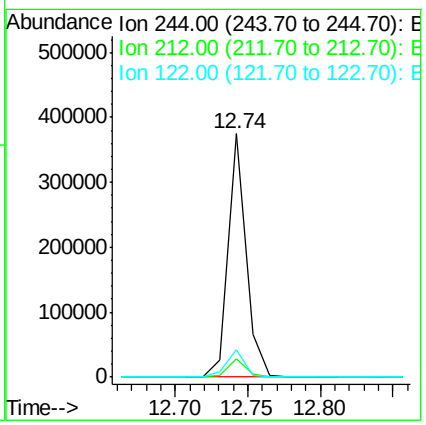
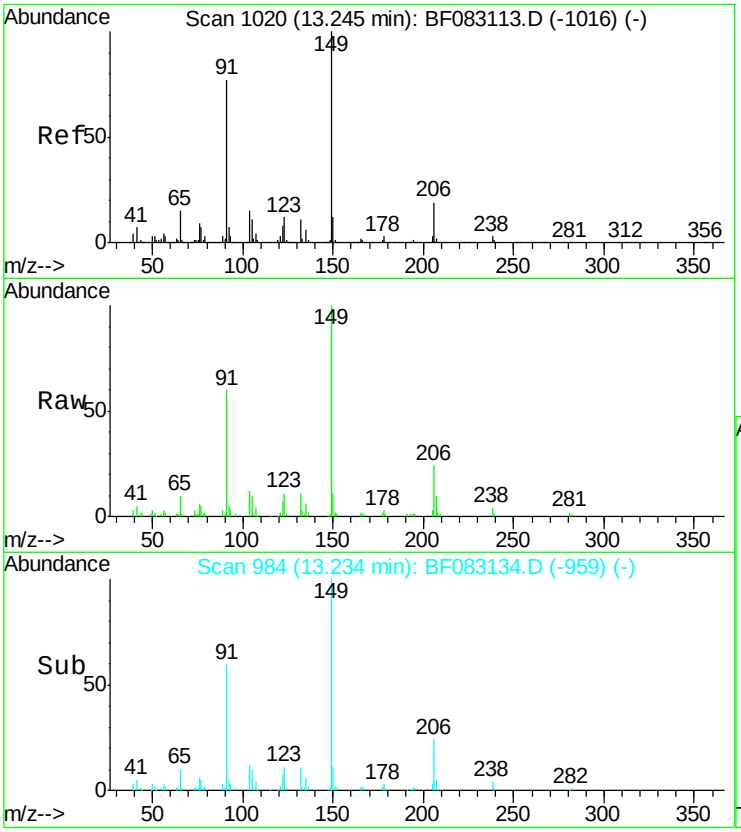


#78
Terphenyl-d14
Concen: 11.57 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:244 Resp: 322887

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	11.0	4.3	6.5#

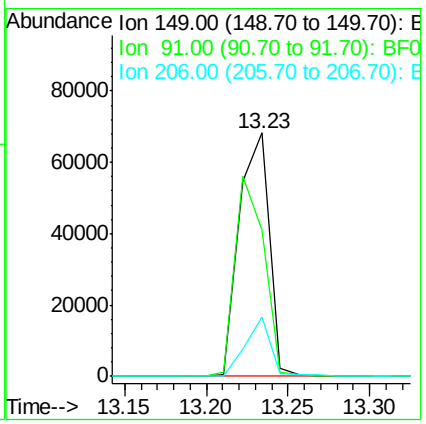




#79
Butylbenzylphthalate
Concen: 4.08 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:149 Resp: 86678

Ion	Ratio	Lower	Upper
149	100		
91	60.2	61.5	92.3#
206	24.1	15.3	22.9#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
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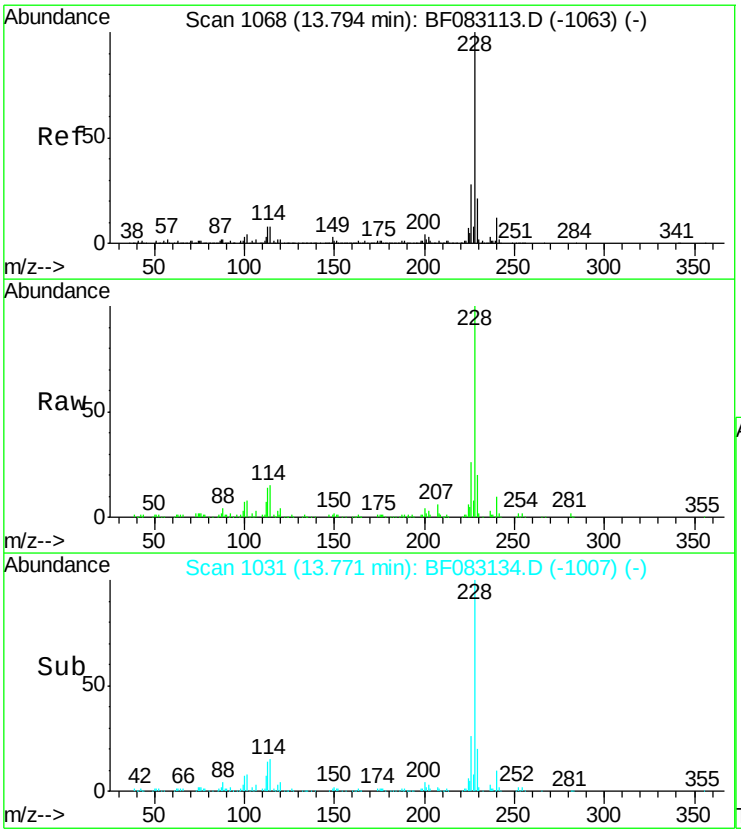
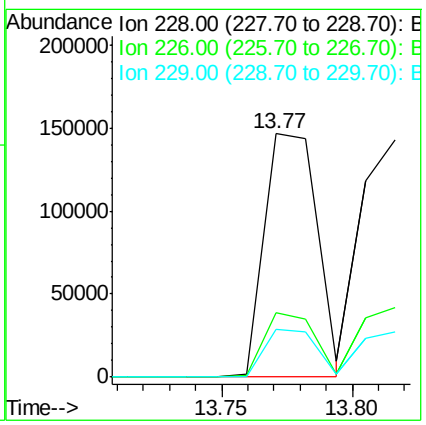
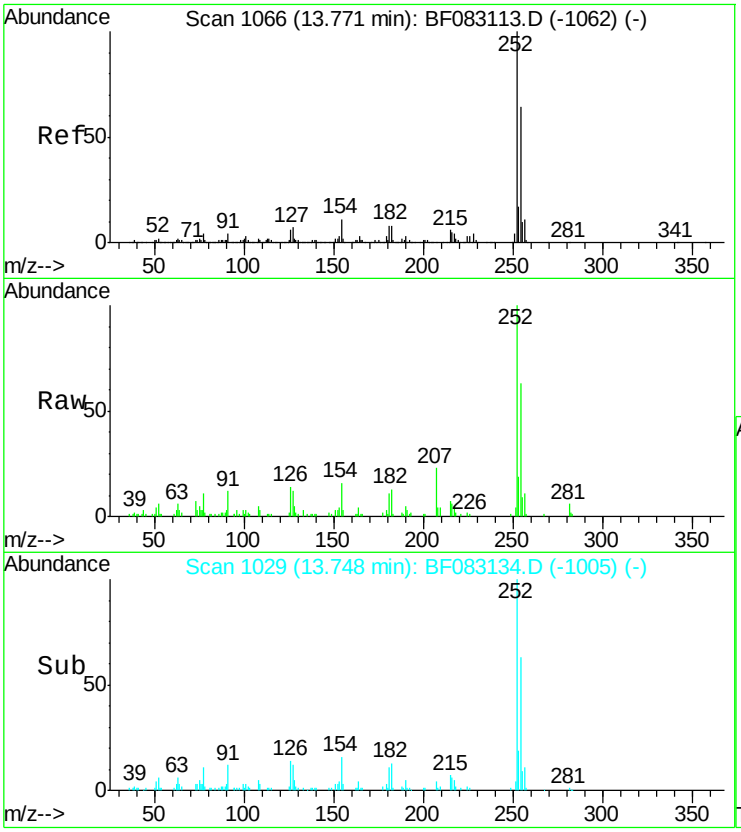


#80
Benzo(a)anthracene
Concen: 5.09 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:228 Resp: 206919

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	19.5	16.6	24.8

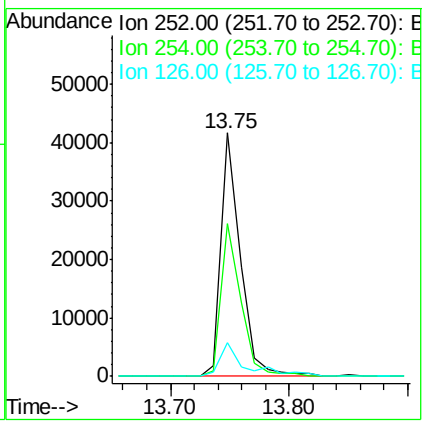




#81
3,3'-Dichlorobenzidine
Concen: 3.30 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:252 Resp: 46732

Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	13.7	5.2	7.8#



Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
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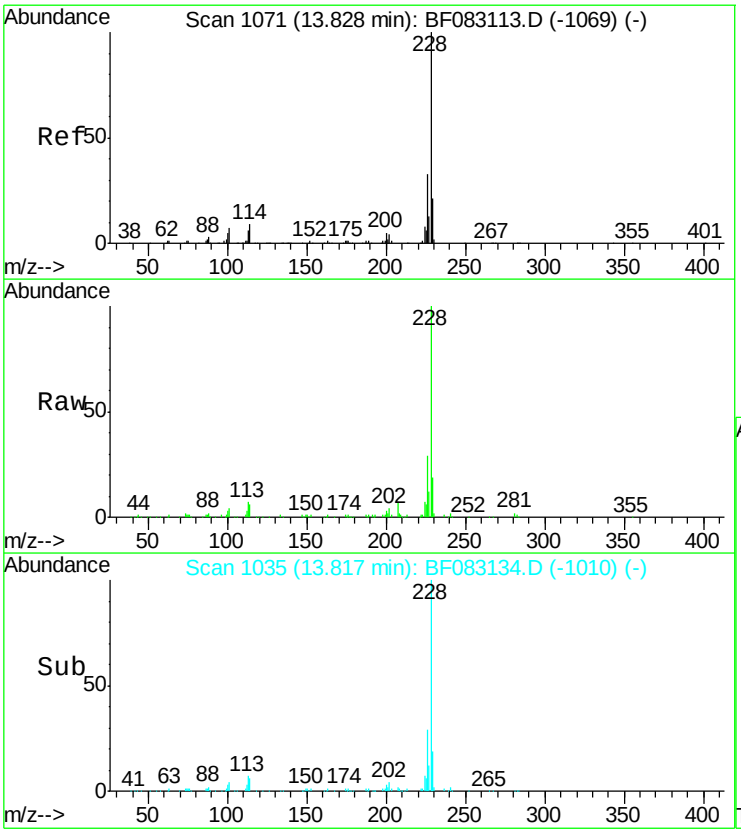
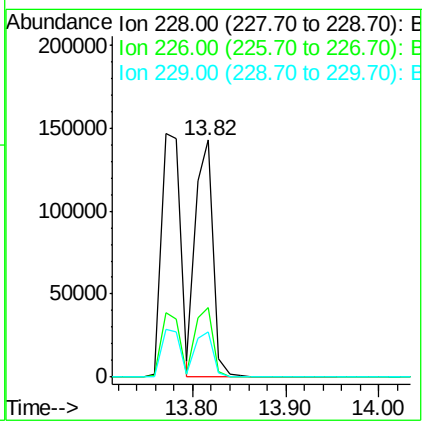
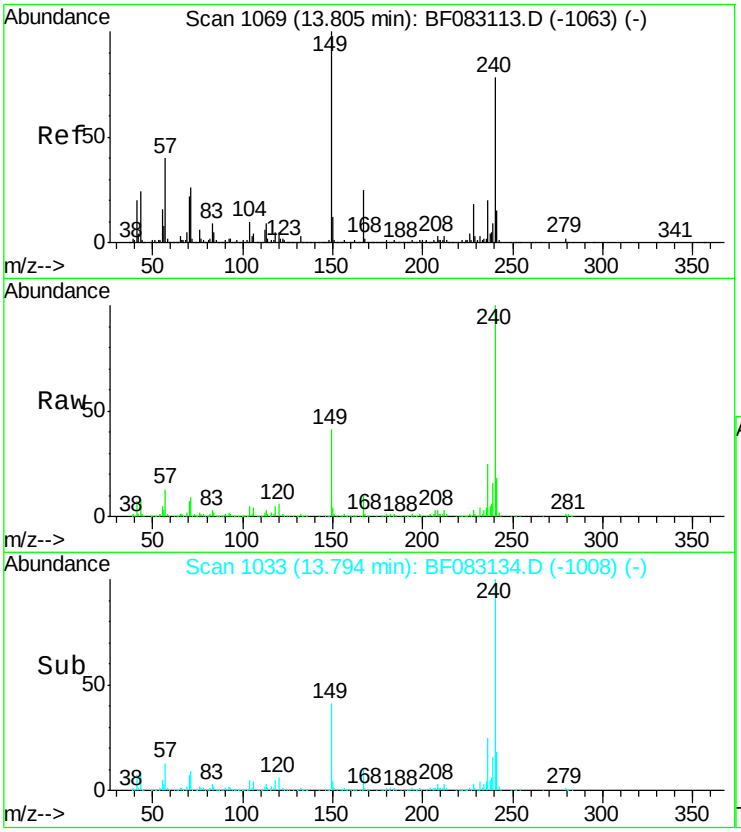


#82
Chrysene
Concen: 5.04 ng
RT: 13.82 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:228 Resp: 190097

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.5	38.3
229	18.9	16.6	25.0

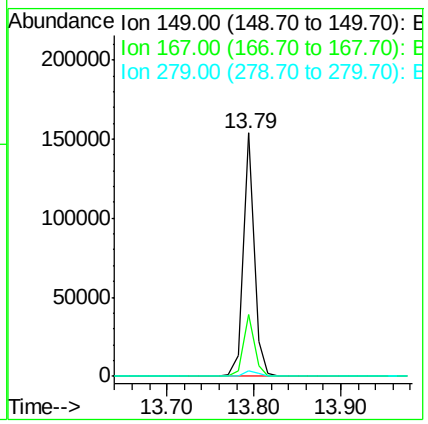




#83
Bis(2-ethylhexyl)phthalate
Concen: 4.82 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:149 Resp: 133758

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.1	30.1
279	2.1	1.7	2.5



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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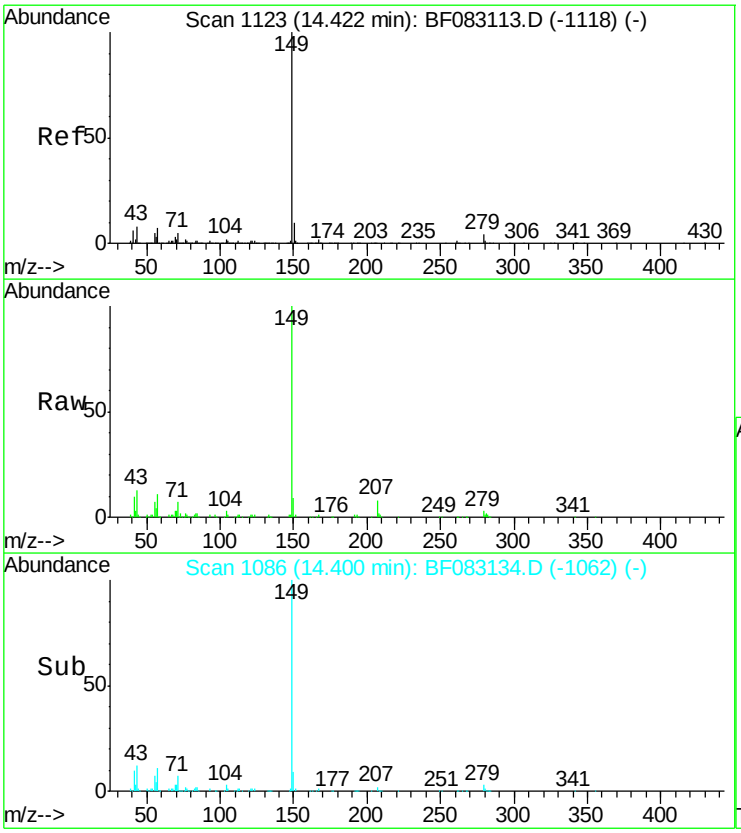
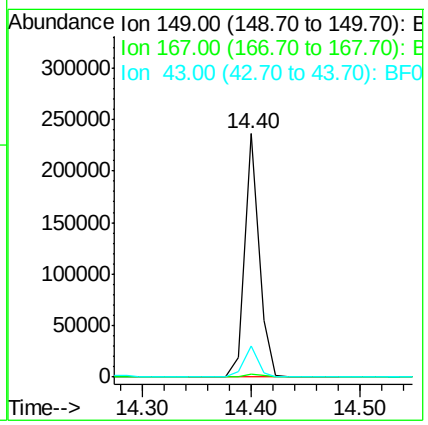
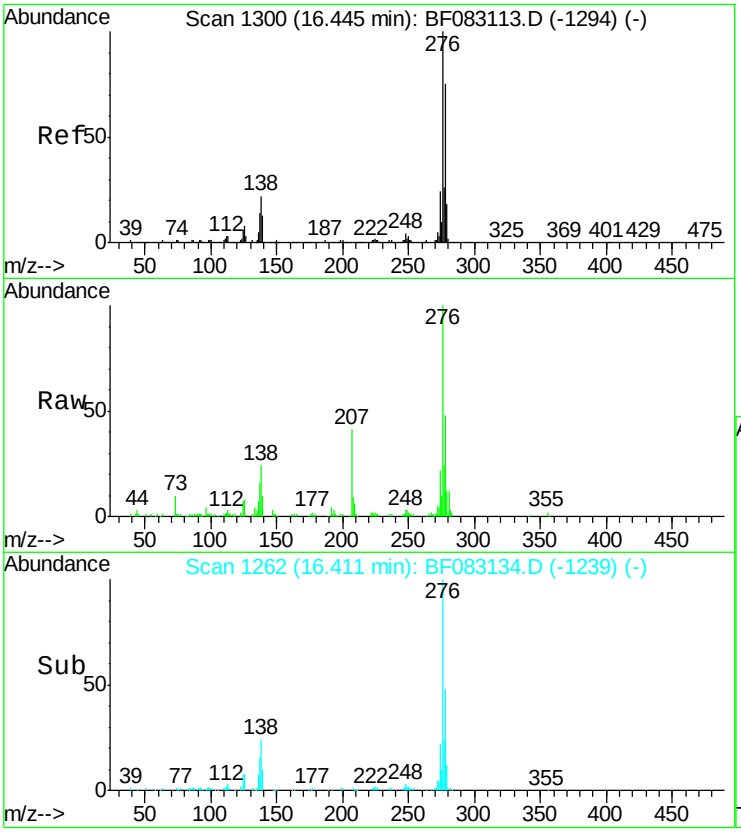


#84
Di-n-octyl phthalate
Concen: 4.52 ng
RT: 14.40 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:149 Resp: 216050

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.6	9.5	14.3

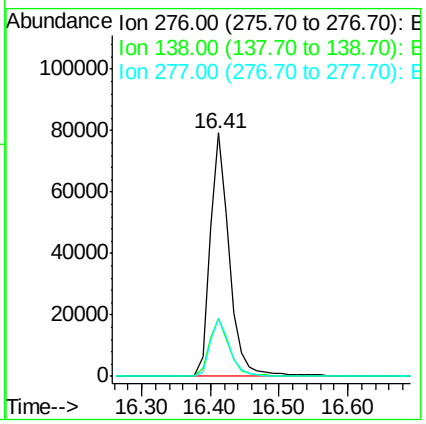




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.53 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:276 Resp: 155208

Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.0	27.0
277	24.0	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
PB86810BS

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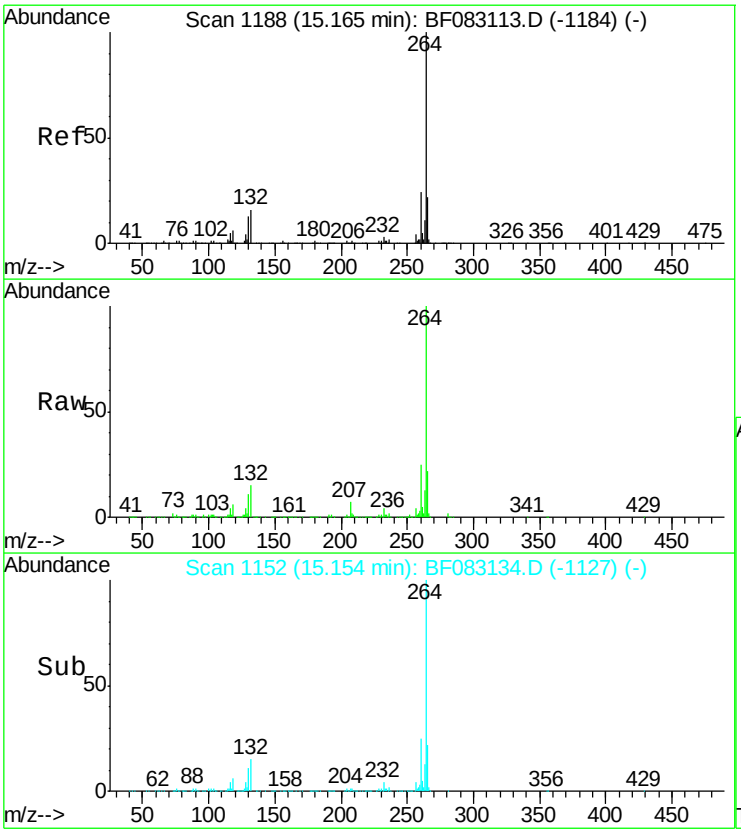
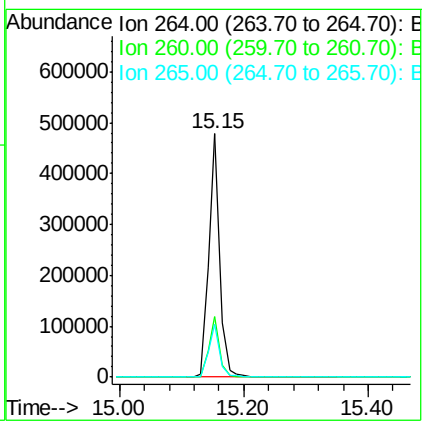
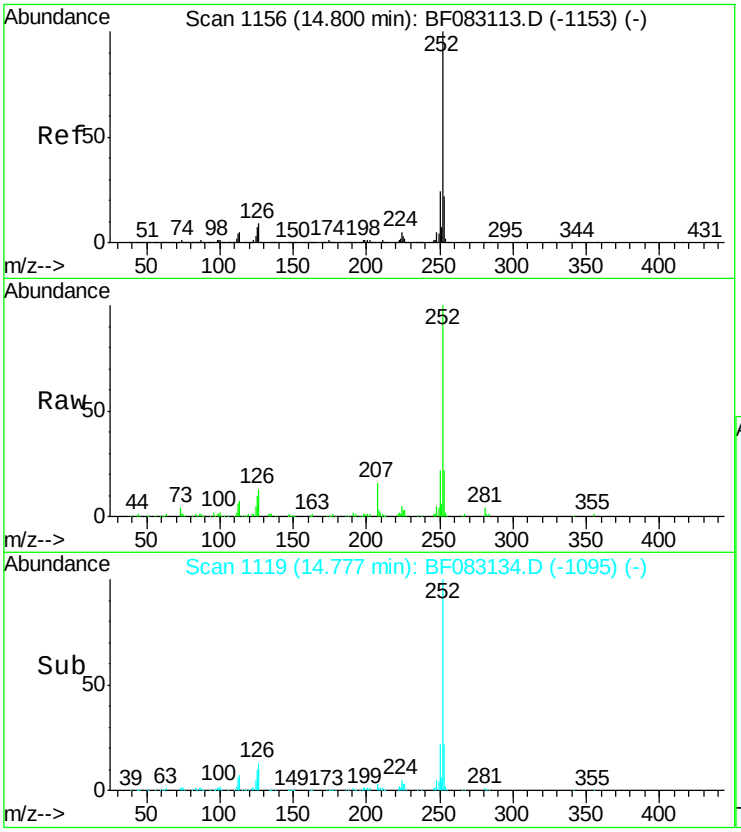


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:264 Resp: 572123

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	21.9	18.2	27.4





#87
Benzo(b)fluoranthene
Concen: 4.45 ng m
RT: 14.78 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:252 Resp: 173825

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.9	5.6	8.4#

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
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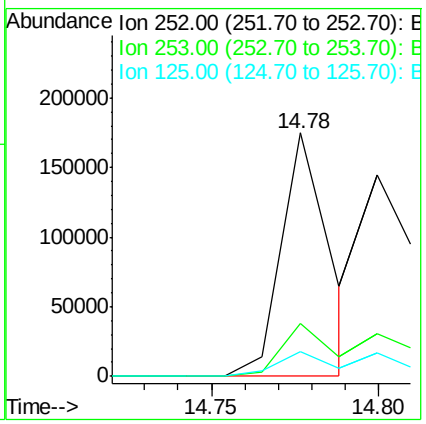
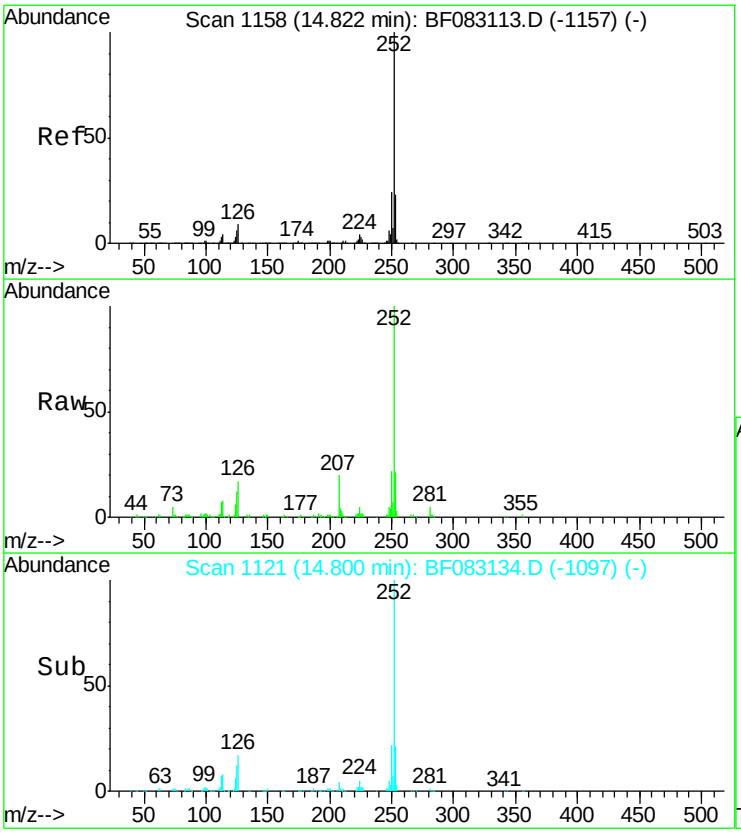
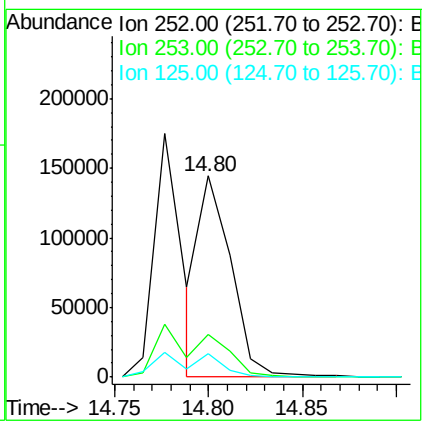


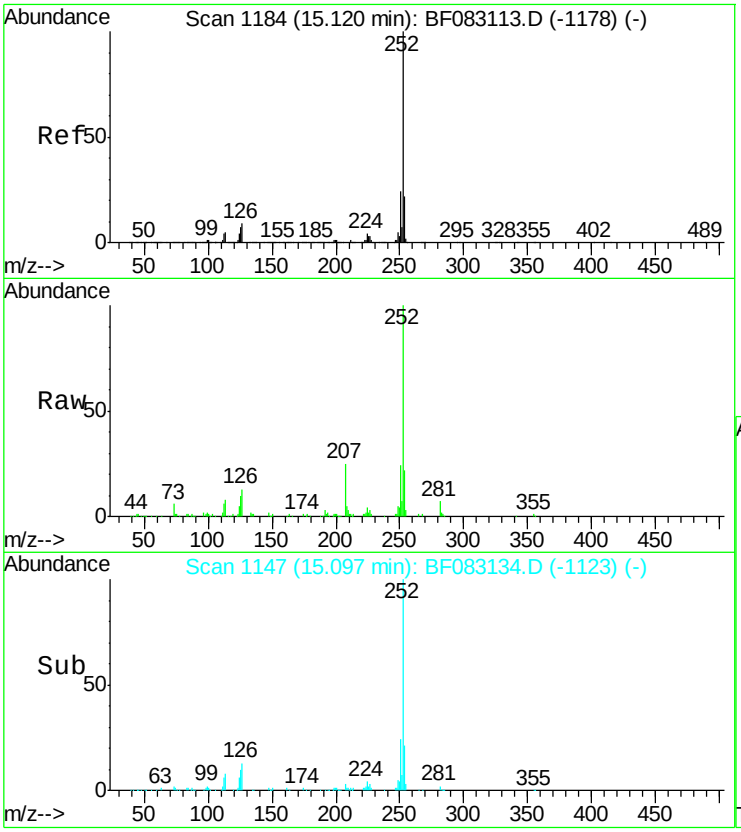


#88
Benzo(k)fluoranthene
Concen: 5.96 ng m
RT: 14.80 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:252 Resp: 173621

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	11.9	6.8	10.2#





#89
Benzo(a)pyrene
Concen: 5.02 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:252 Resp: 162115

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.1	5.4	8.0#

Instrument :
BNA_F
ClientSampleId :
PB86810BS

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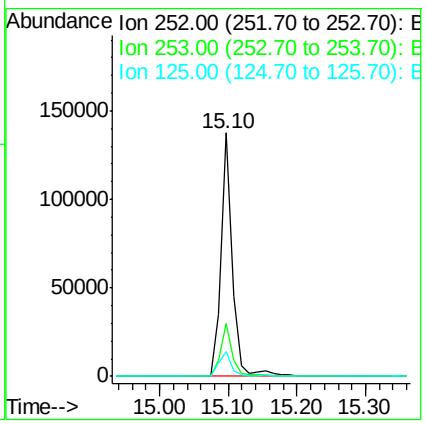
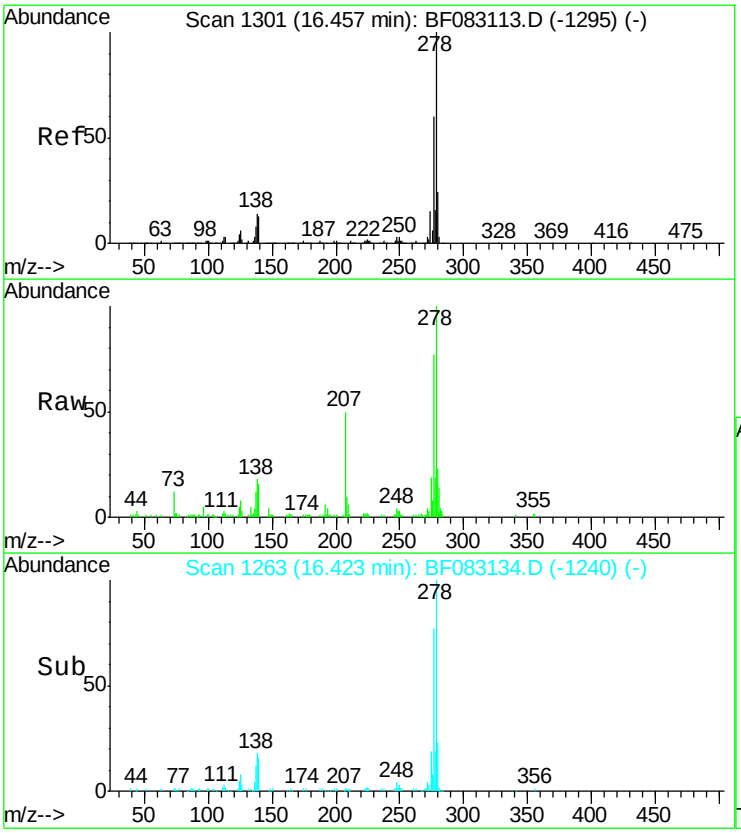
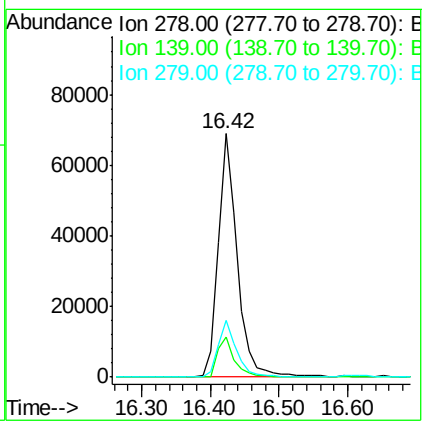


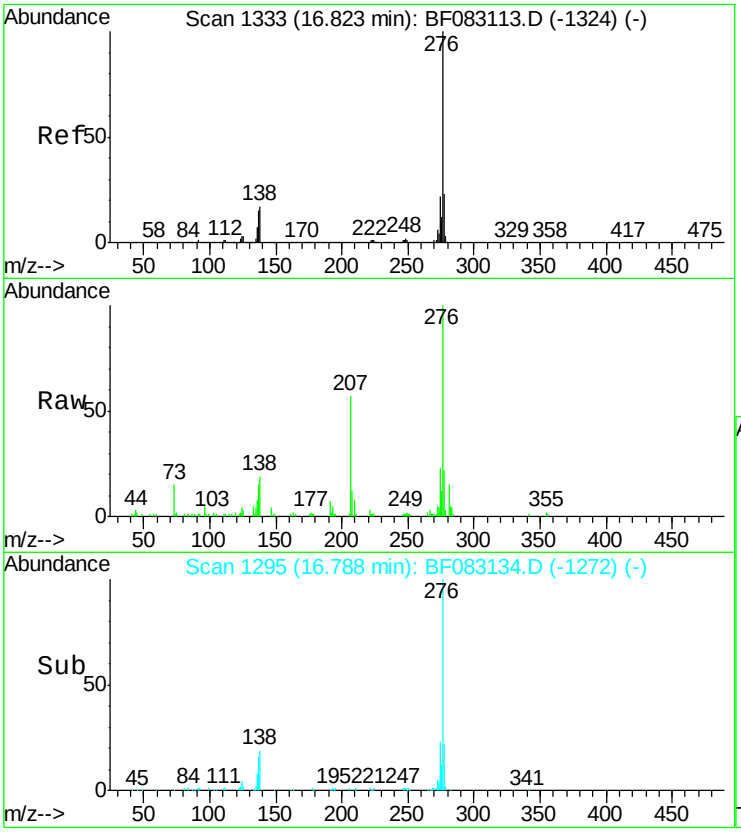


#90
Dibenzo(a,h)anthracene
Concen: 4.60 ng
RT: 16.42 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:278 Resp: 134736

Ion	Ratio	Lower	Upper
278	100		
139	16.4	10.7	16.1#
279	23.3	19.3	28.9

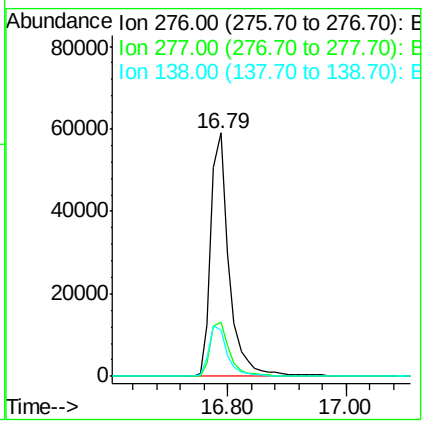




#91
Benzo(g,h,i)perylene
Concen: 4.41 ng
RT: 16.79 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF083134.D
Acq: 22 Nov 2015 3:03

Tgt Ion:276 Resp: 126234

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.7	28.1
138	19.1	13.9	20.9



Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:42 PM