Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120415\
Data File : BF083498.D
Acq On : 4 Dec 2015 23:24
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 07 00:57:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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12/7/2015 6:30:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	135314	20.00	ng		0.00
21) Naphthalene-d8	7.66	136	542179	20.00	ng		-0.01
38) Acenaphthene-d10	10.46	164	270570	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	495884	20.00	ng		0.00
75) Chrysene-d12	17.05	240	420469	20.00	ng		0.00
86) Perylene-d12	18.67	264	333973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.06	112	38469	4.26	ng		0.03
7) Phenol-d6	5.33	99	56827	4.60	ng		0.01
23) Nitrobenzene-d5	6.60	82	53679	4.36	ng		0.00
41) 2,4,6-Tribromophenol	11.74	330	10811	4.00	ng		-0.01
44) 2-Fluorobiphenyl	9.41	172	105992	5.51	ng		-0.01
78) Terphenyl-d14	15.48	244	94910	5.26	ng		0.00
Target Compounds							Qvalue
6) Aniline	5.33	93	35983	2.13	ng		97
8) 2-Chlorophenol	5.49	128	24500	2.47	ng		93
9) Benzaldehyde	5.20	77	18411	2.88	ng		92
10) Phenol	5.37	94	34825	2.36	ng		88
11) bis(2-Chloroethyl)ether	5.42	93	28098	2.59	ng		97
12) 1,3-Dichlorobenzene	5.69	146	26770	2.42	ng		98
13) 1,4-Dichlorobenzene	5.80	146	27481	2.41	ng		95
14) 1,2-Dichlorobenzene	6.01	146	26901	2.55	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.20	45	50503	2.65	ng		68
17) 2-Methylphenol	6.21	107	20557	2.48	ng		96
18) Hexachloroethane	6.49	117	9234	2.32	ng		88
19) n-Nitroso-di-n-propylamine	6.40	70	19848	2.28	ng		98
20) 3+4-Methylphenols	6.48	107	24024	2.14	ng	#	79
22) Acetophenone	6.40	105	37814	2.34	ng	#	96
24) Nitrobenzene	6.64	77	33086	2.51	ng		95
25) Isophorone	6.99	82	53109	2.24	ng		97
27) 2,4-Dimethylphenol	7.24	122	19808	2.21	ng		96
28) bis(2-Chloroethoxy)methane	7.36	93	29052	2.14	ng		94
29) 2,4-Dichlorophenol	7.55	162	17473	2.02	ng		89
30) 1,2,4-Trichlorobenzene	7.61	180	20888	2.22	ng		98
31) Naphthalene	7.71	128	73197	2.48	ng		98
33) 4-Chloroaniline	7.86	127	25809	2.07	ng		94
34) Hexachlorobutadiene	7.92	225	13227	2.46	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	20178	2.08	ng		91
37) 2-Methylnaphthalene	8.81	142	45356	2.33	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	21701	2.50	ng	#	100
42) 2,4,6-Trichlorophenol	9.31	196	11963m	2.00	ng		
43) 2,4,5-Trichlorophenol	9.41	196	12815	2.08	ng	#	87
45) 1,1'-Biphenyl	9.56	154	61283	2.57	ng		99
46) 2-Chloronaphthalene	9.58	162	45428	2.50	ng		97
48) Acenaphthylene	10.24	152	73017	2.50	ng		98
49) Dimethylphthalate	10.10	163	52301	2.36	ng	#	96
51) Acenaphthene	10.51	154	43648	2.56	ng		97
54) Dibenzofuran	10.81	168	59035	2.37	ng		99

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120415\
Data File : BF083498.D
Acq On : 4 Dec 2015 23:24
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Quant Time: Dec 07 00:57:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Fluorene	11.36	166	52215	2.62	ng		97
59) Diethylphthalate	11.24	149	50205	2.39	ng		100
60) 4-Chlorophenyl-phenylether	11.38	204	25026	2.73	ng		99
62) Azobenzene	11.63	77	50626	2.05	ng		95
65) n-Nitrosodiphenylamine	11.58	169	41225	2.38	ng		98
66) 4-Bromophenyl-phenylether	12.17	248	12974	2.39	ng		97
67) Hexachlorobenzene	12.24	284	14417	2.41	ng		95
68) Atrazine	12.49	200	11209	2.28	ng		98
70) Phenanthrene	12.90	178	77784	2.65	ng		97
71) Anthracene	12.98	178	75329	2.54	ng		98
72) Carbazole	13.29	167	61203	2.31	ng		96
73) Di-n-butylphthalate	13.91	149	69421	2.19	ng		98
74) Fluoranthene	14.82	202	70652	2.32	ng		97
77) Pyrene	15.17	202	76922	2.57	ng		98
80) Benzo(a)anthracene	17.04	228	62544	2.43	ng		96
81) 3,3'-Dichlorobenzidine	17.04	252	16613	2.05	ng	#	92
82) Chrysene	17.08	228	63228	2.52	ng		97
85) Indeno(1,2,3-cd)pyrene	19.94	276	45270	2.42	ng	#	100
87) Benzo(b)fluoranthene	18.31	252	44084m	2.08	ng		
88) Benzo(k)fluoranthene	18.33	252	51896m	2.56	ng		
89) Benzo(a)pyrene	18.63	252	45414	2.46	ng		97
90) Dibenzo(a,h)anthracene	19.95	278	39209	2.38	ng		98
91) Benzo(g,h,i)perylene	20.32	276	40566	2.49	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120415\
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Acq On : 4 Dec 2015 23:24
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Manual Integrations APPROVED
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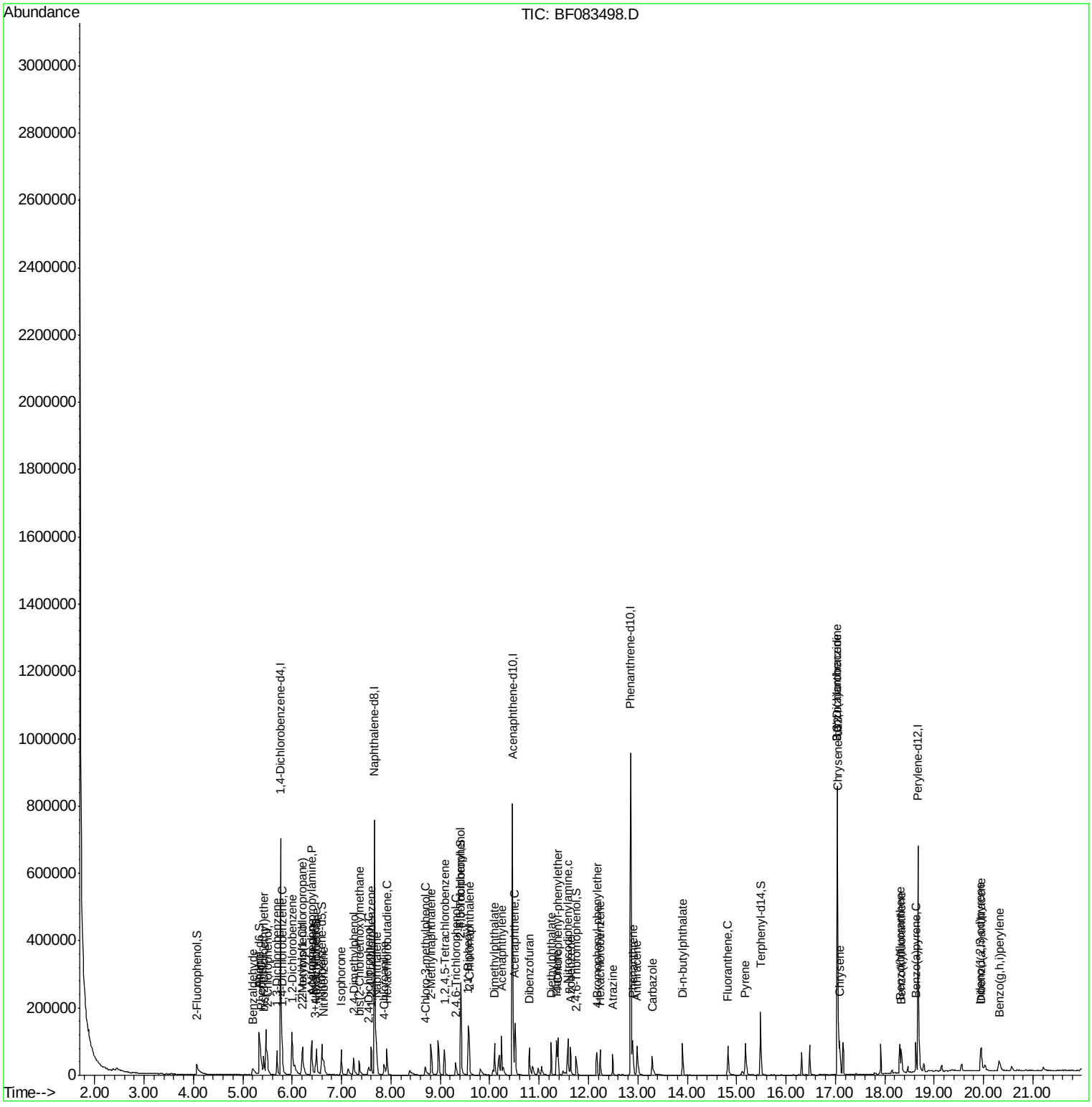
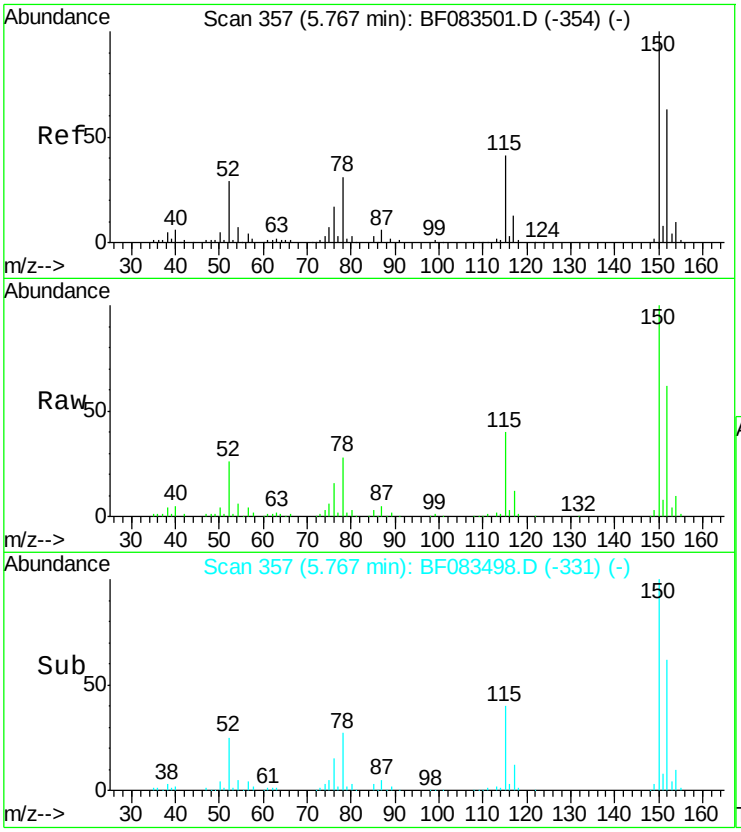
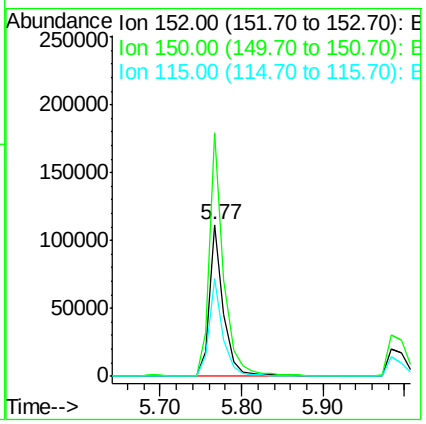




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:152 Resp: 135314

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.5	189.7
115	64.3	52.3	78.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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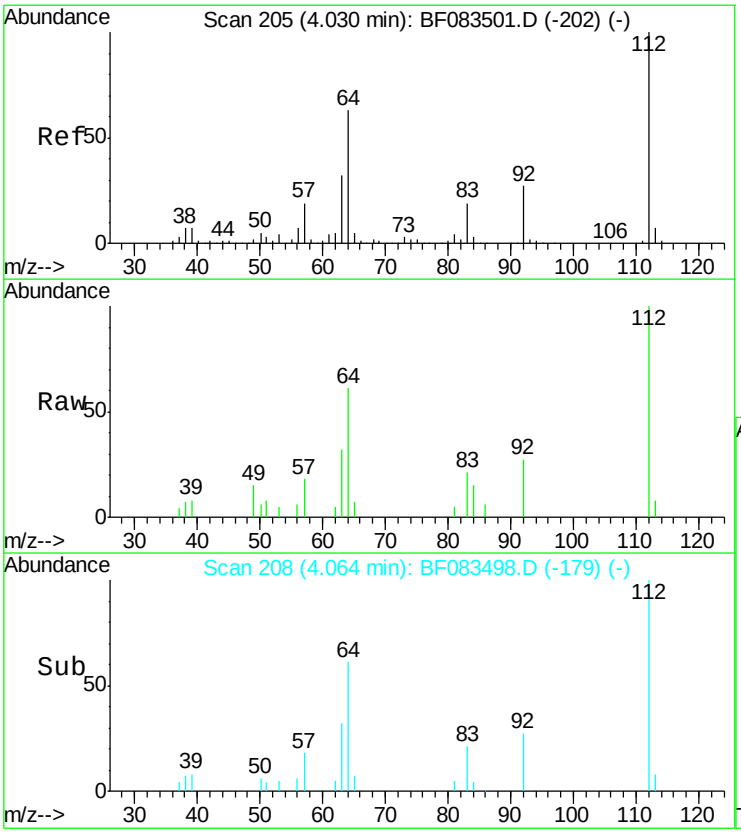
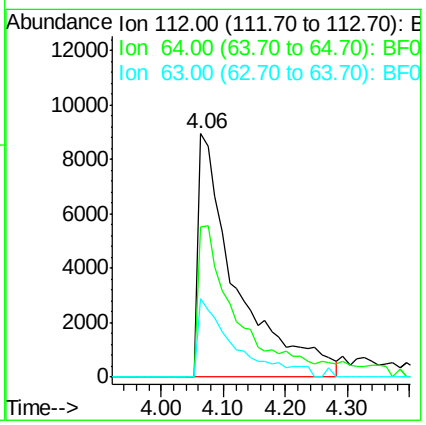
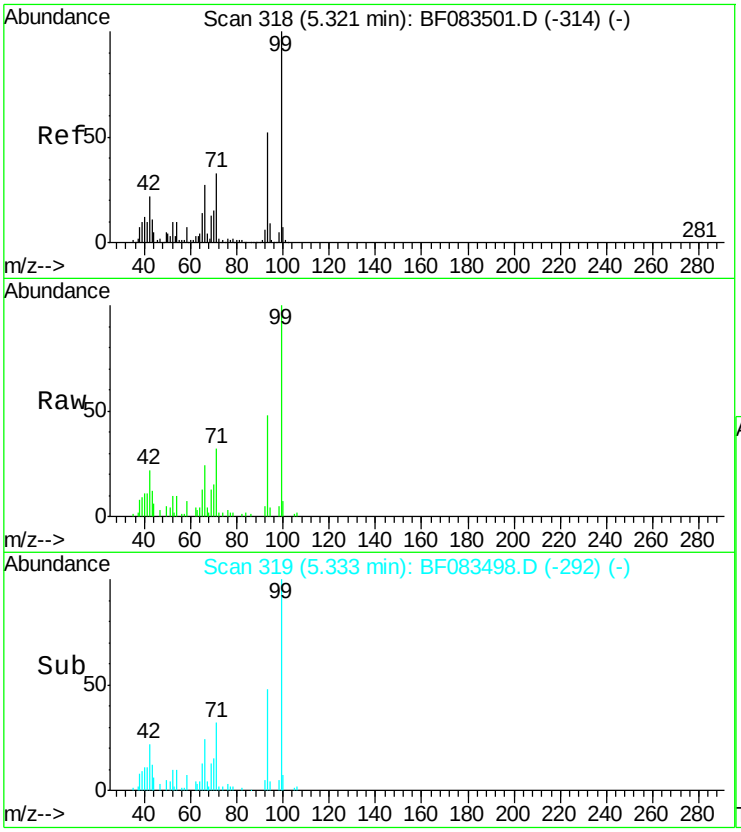


#5
2-Fluorophenol
Concen: 4.26 ng
RT: 4.06 min Scan# 208
Delta R.T. 0.03 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:112 Resp: 38469

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.5	75.7
63	32.1	25.8	38.6

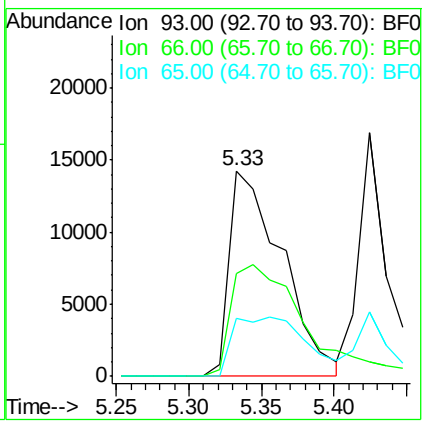




#6
Aniline
Concen: 2.13 ng
RT: 5.33 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 93 Resp: 35983

Ion	Ratio	Lower	Upper
93	100		
66	50.3	41.3	61.9
65	28.1	20.8	31.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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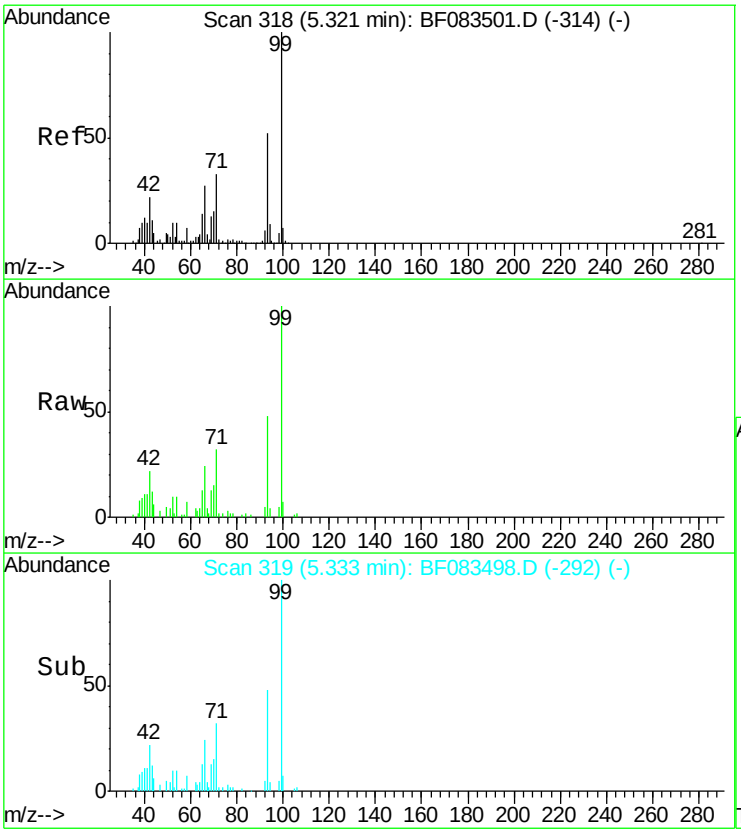
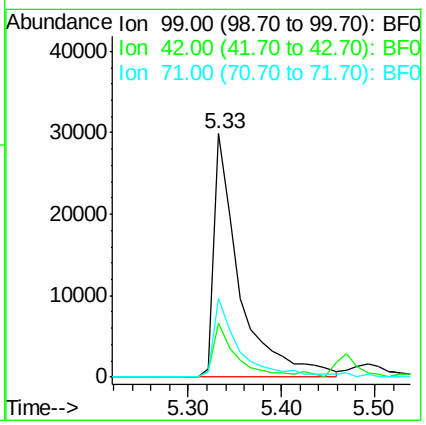
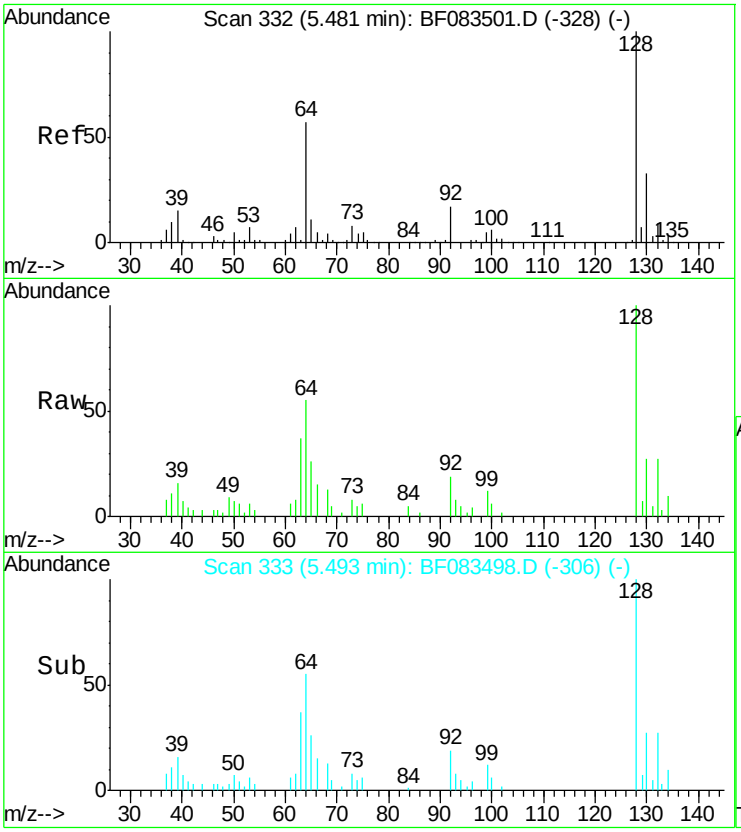


#7
Phenol-d6
Concen: 4.60 ng
RT: 5.33 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 99 Resp: 56827

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.3	25.9
71	32.5	26.6	40.0

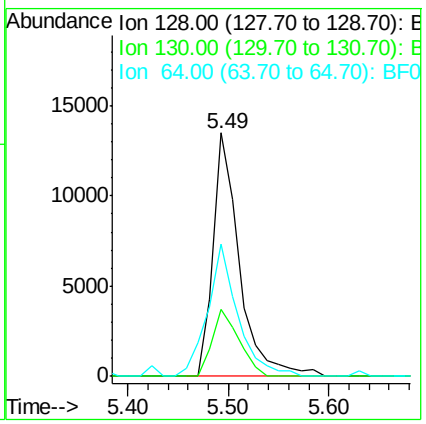




#8
2-Chlorophenol
Concen: 2.47 ng
RT: 5.49 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:128 Resp: 24500

Ion	Ratio	Lower	Upper
128	100		
130	27.3	12.6	52.6
64	54.5	38.6	78.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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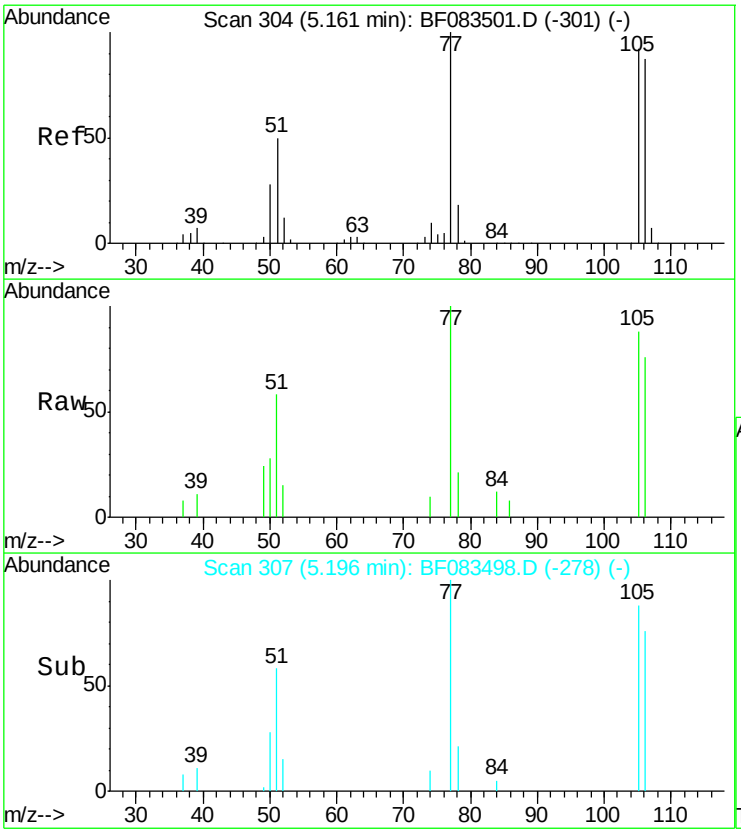
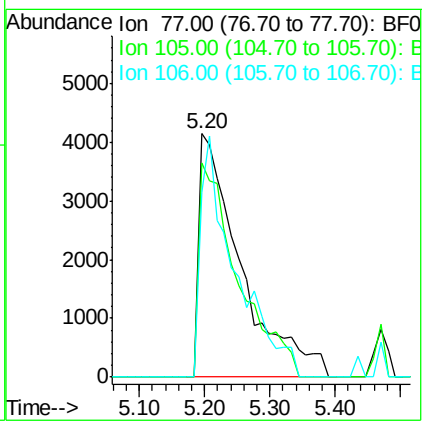
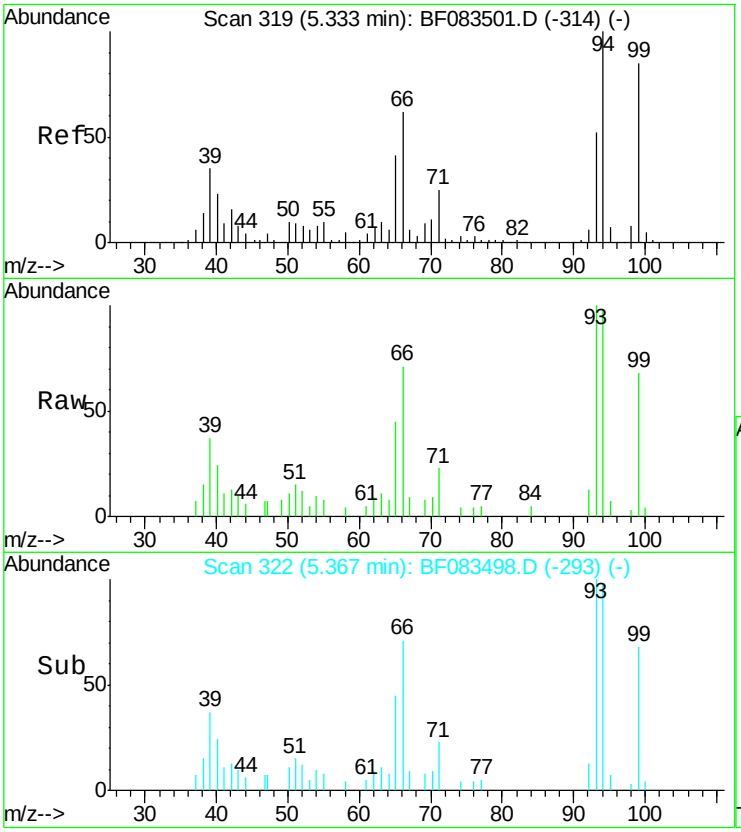


#9
Benzaldehyde
Concen: 2.88 ng
RT: 5.20 min Scan# 307
Delta R.T. 0.03 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 77 Resp: 18411

Ion	Ratio	Lower	Upper
77	100		
105	87.8	71.8	111.8
106	75.9	66.8	106.8

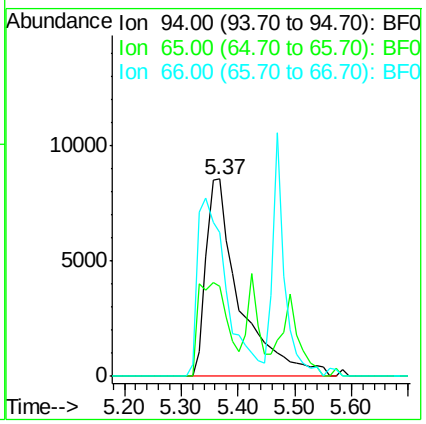




#10
Phenol
Concen: 2.36 ng
RT: 5.37 min Scan# 322
Delta R.T. 0.03 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 94 Resp: 34825

Ion	Ratio	Lower	Upper
94	100		
65	45.4	20.9	60.9
66	72.8	41.6	81.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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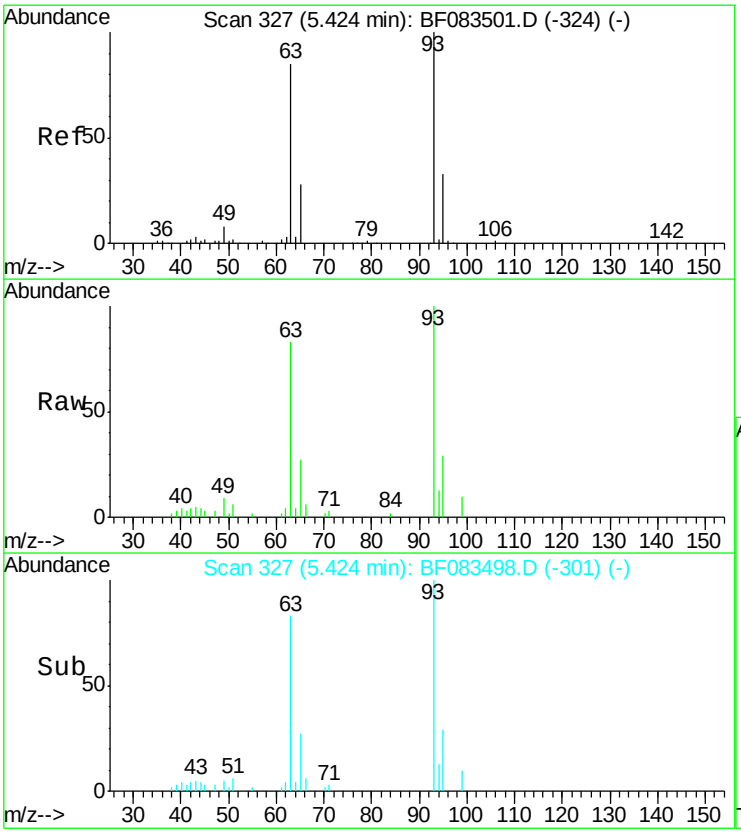
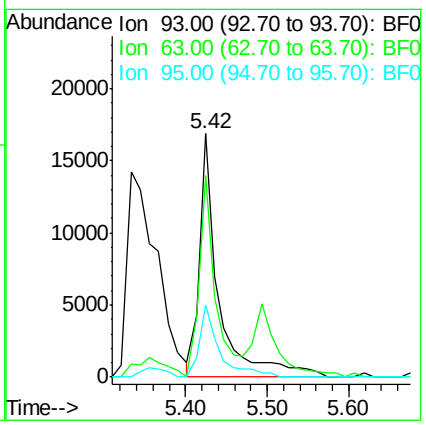
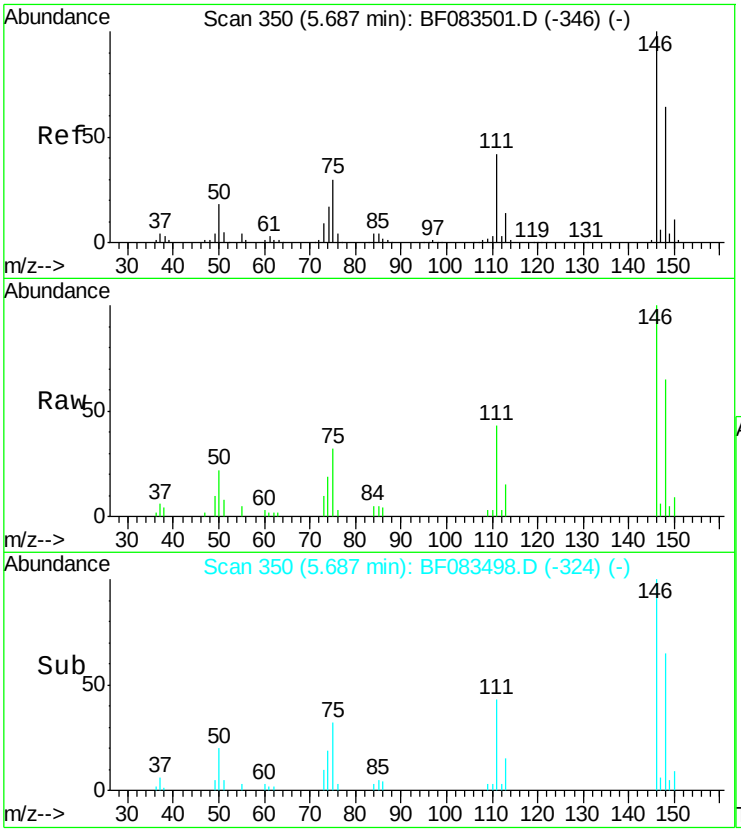


#11
bis(2-Chloroethyl)ether
Concen: 2.59 ng
RT: 5.42 min Scan# 327
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 93 Resp: 28098

Ion	Ratio	Lower	Upper
93	100		
63	82.6	64.7	104.7
95	29.5	12.7	52.7

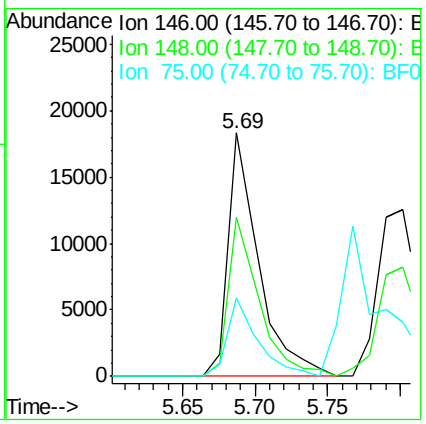




#12
1,3-Dichlorobenzene
Concen: 2.42 ng
RT: 5.69 min Scan# 350
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:146 Resp: 26770

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.3	76.9
75	32.3	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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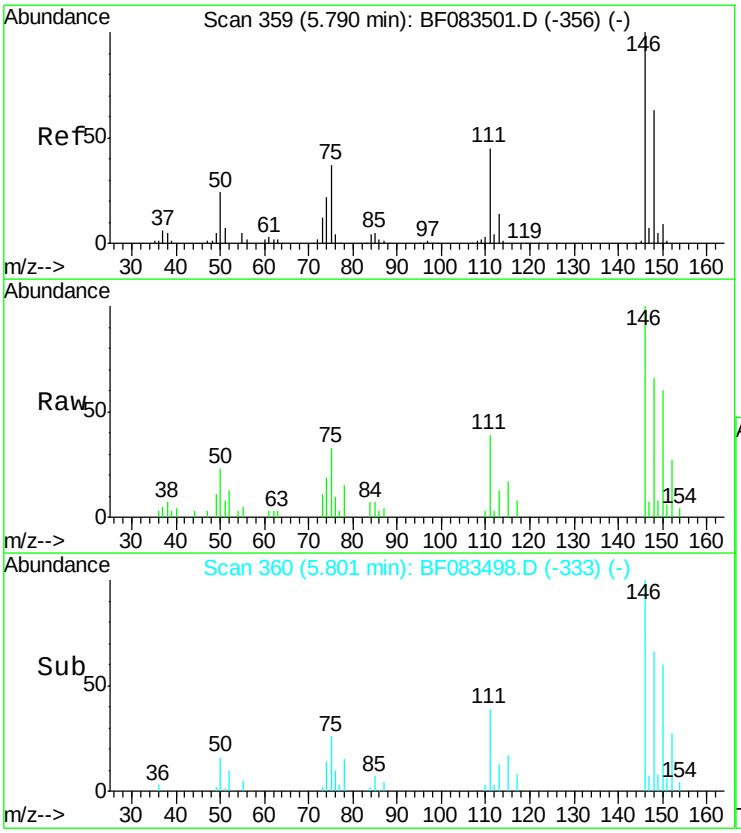
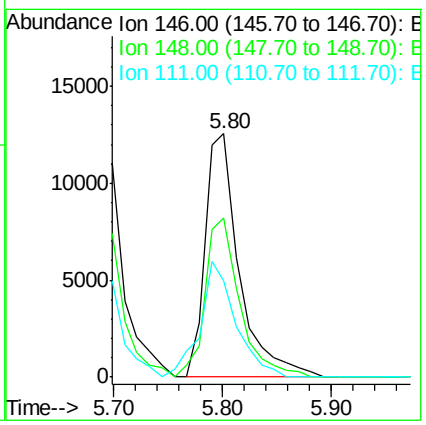
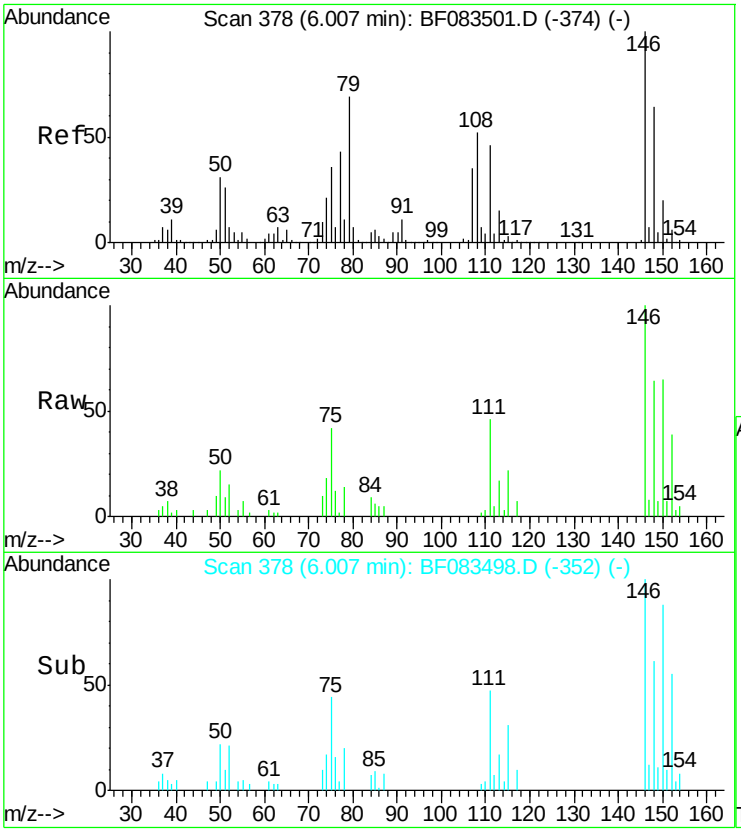


#13
1,4-Dichlorobenzene
Concen: 2.41 ng
RT: 5.80 min Scan# 360
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:146 Resp: 27481

Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	76.0
111	39.4	36.1	54.1

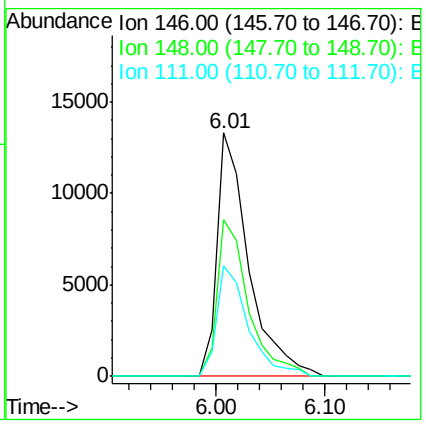




#14
1,2-Dichlorobenzene
Concen: 2.55 ng
RT: 6.01 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:146 Resp: 26901

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	45.5	36.7	55.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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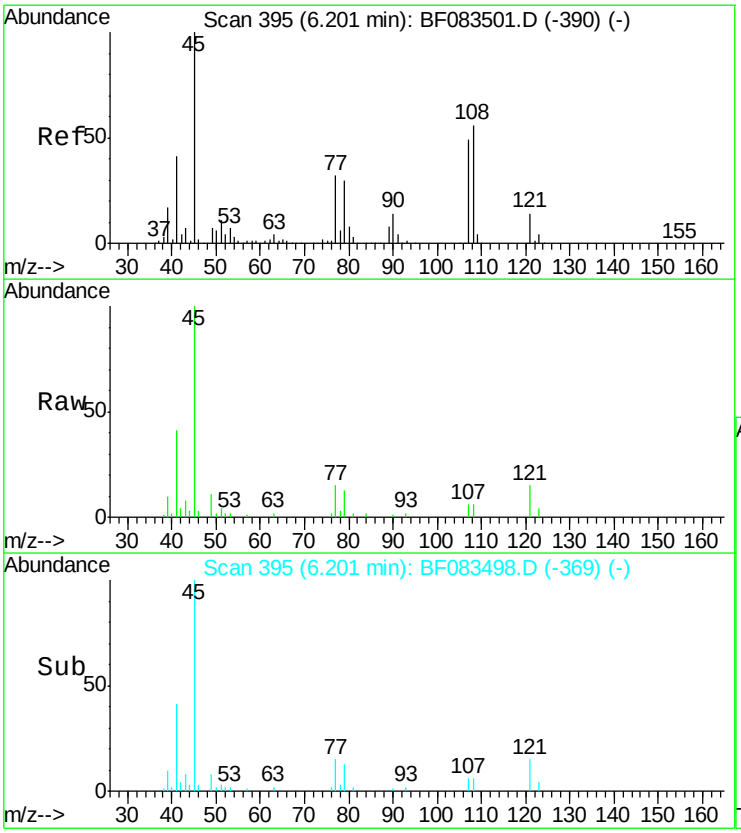
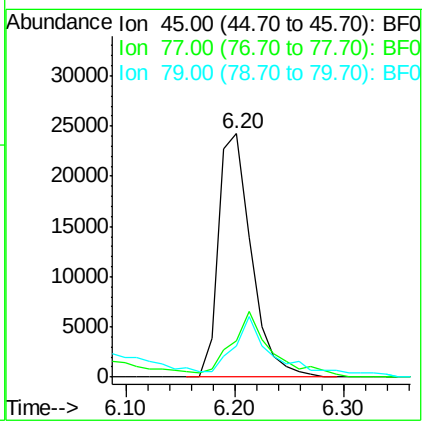
12/7/2015 6:30:38 PM

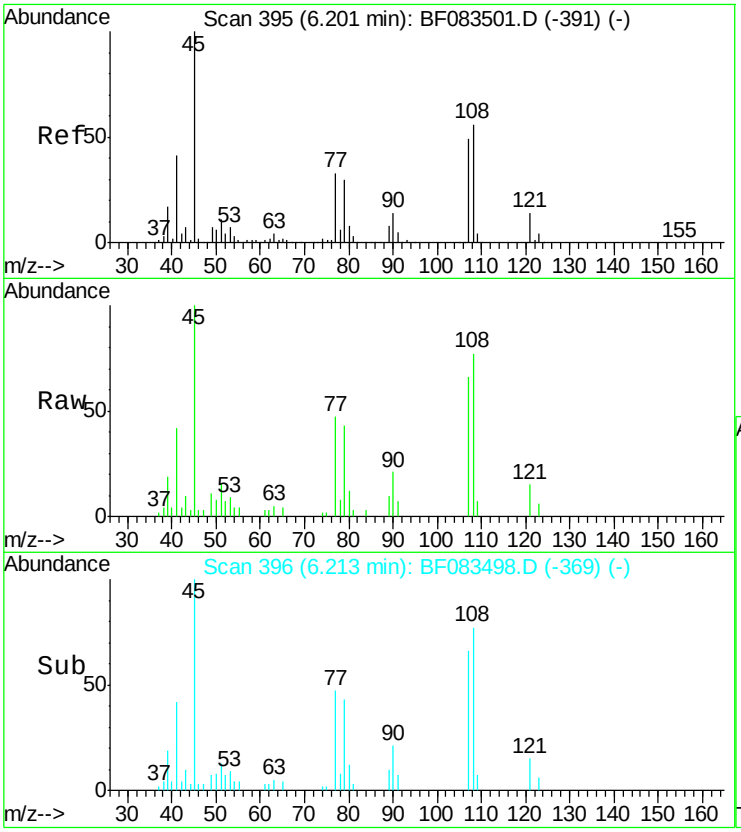


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.65 ng
RT: 6.20 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 45 Resp: 50503

Ion	Ratio	Lower	Upper
45	100		
77	15.1	12.8	52.8
79	13.0	10.7	50.7

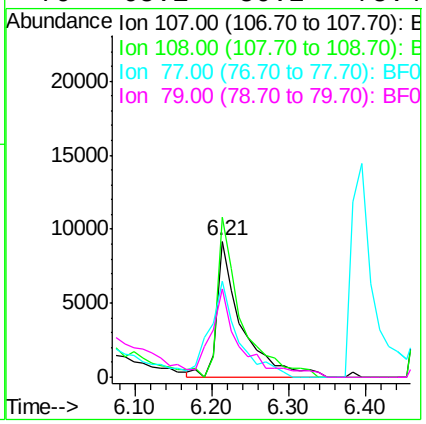




#17
2-Methylphenol
Concen: 2.48 ng
RT: 6.21 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:107 Resp: 20557

Ion	Ratio	Lower	Upper
107	100		
108	117.8	91.6	137.4
77	71.0	53.7	80.5
79	65.1	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
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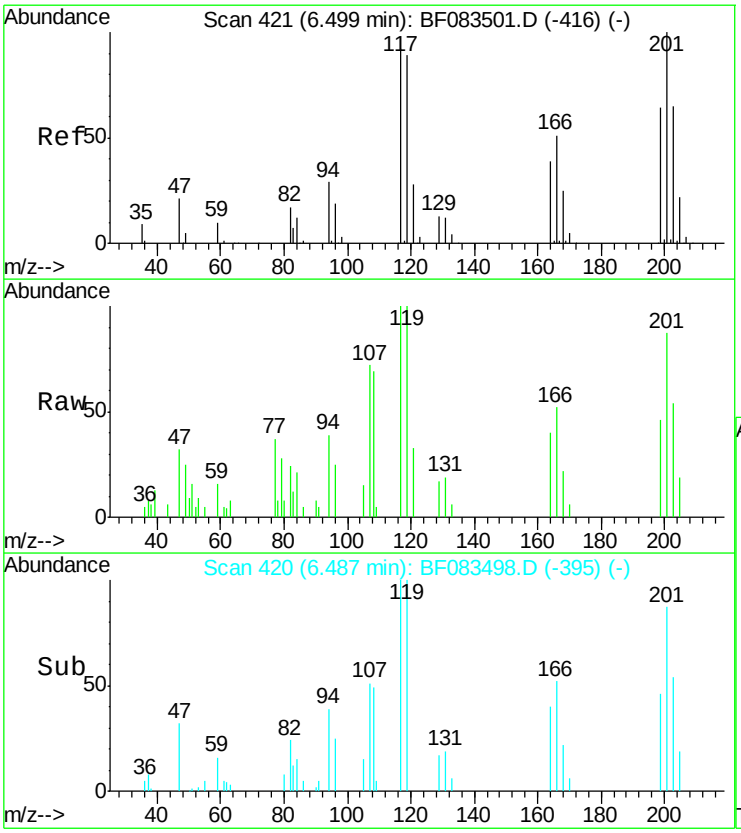
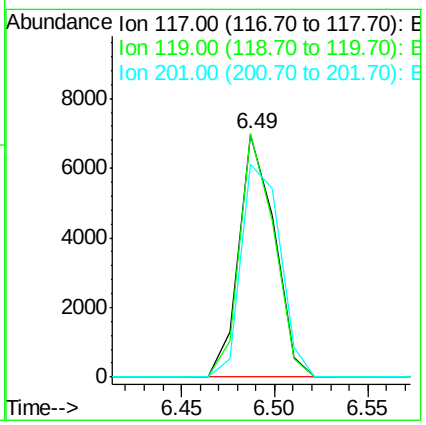
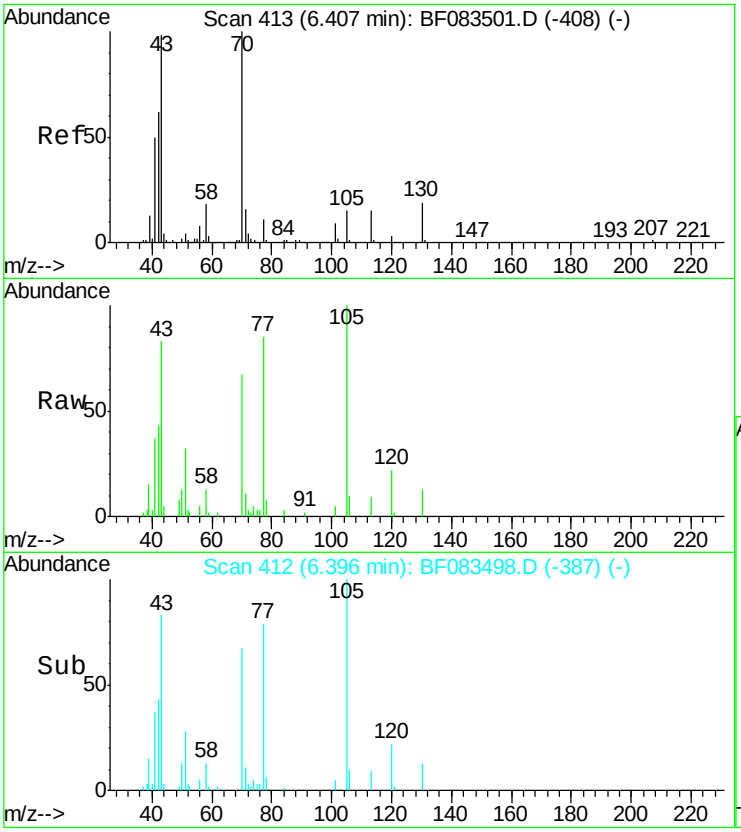


#18
Hexachloroethane
Concen: 2.32 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:117 Resp: 9234

Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.2	115.8
201	87.6	86.8	130.2

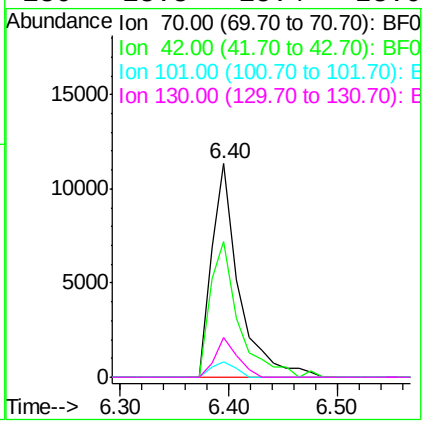




#19
n-Nitroso-di-n-propylamine
Concen: 2.28 ng
RT: 6.40 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 70 Resp: 19848

Ion	Ratio	Lower	Upper
70	100		
42	63.4	49.2	73.8
101	7.4	7.1	10.7
130	18.8	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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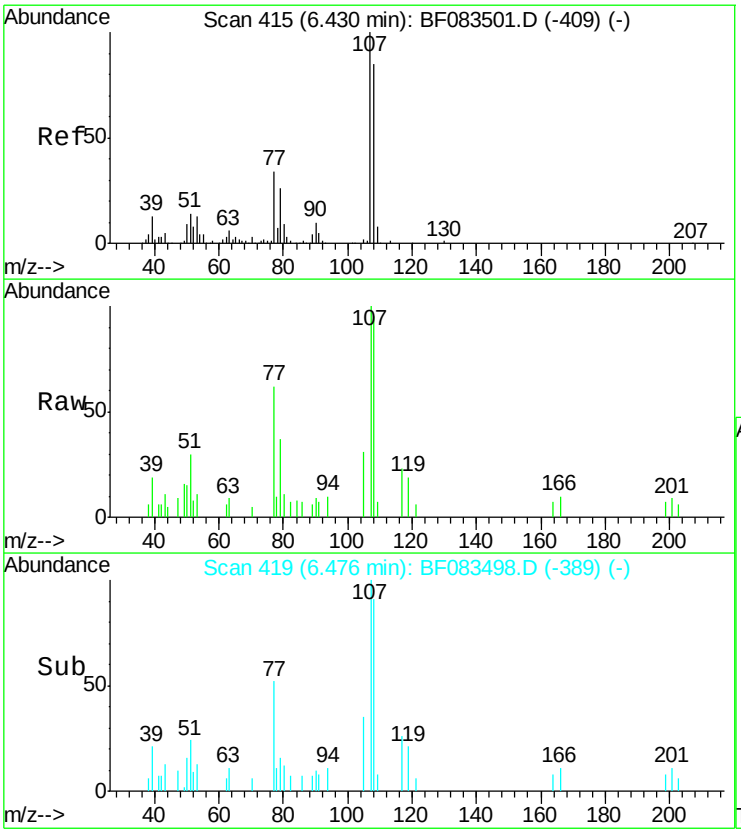
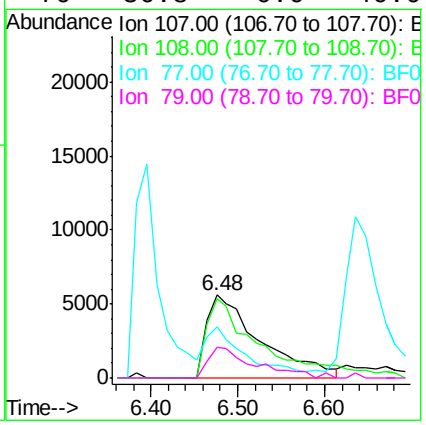
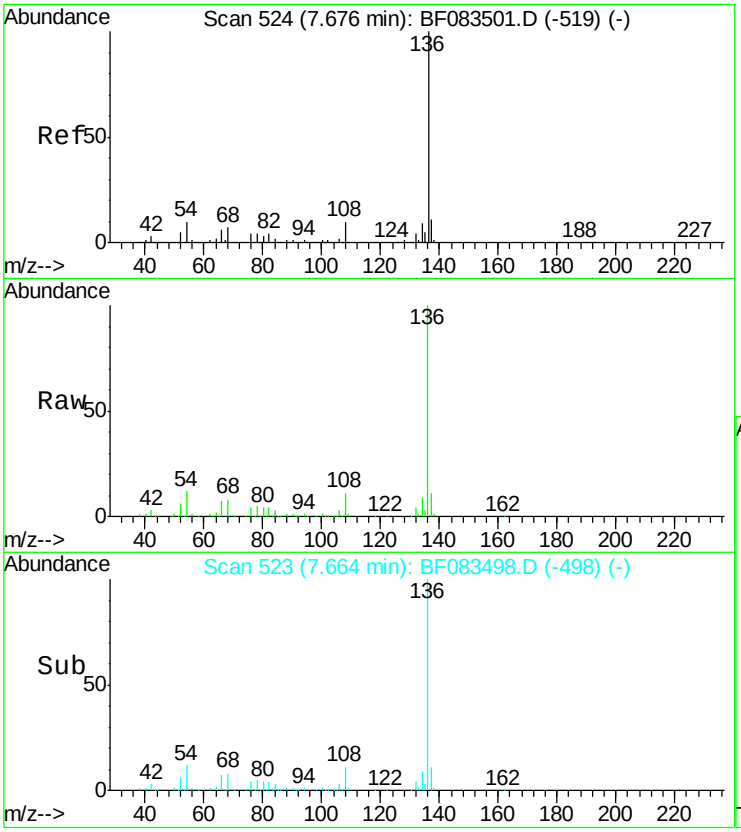


#20
3+4-Methylphenols
Concen: 2.14 ng
RT: 6.48 min Scan# 419
Delta R.T. 0.05 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:107 Resp: 24024

Ion	Ratio	Lower	Upper
107	100		
108	95.1	65.2	105.2
77	61.6	15.2	55.2#
79	36.8	6.0	46.0

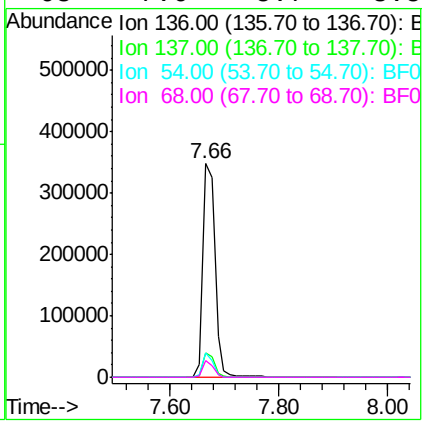




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:136 Resp: 542179

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.6	7.8	11.6
68	7.6	5.7	8.5



Instrument :
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ClientSampleId :
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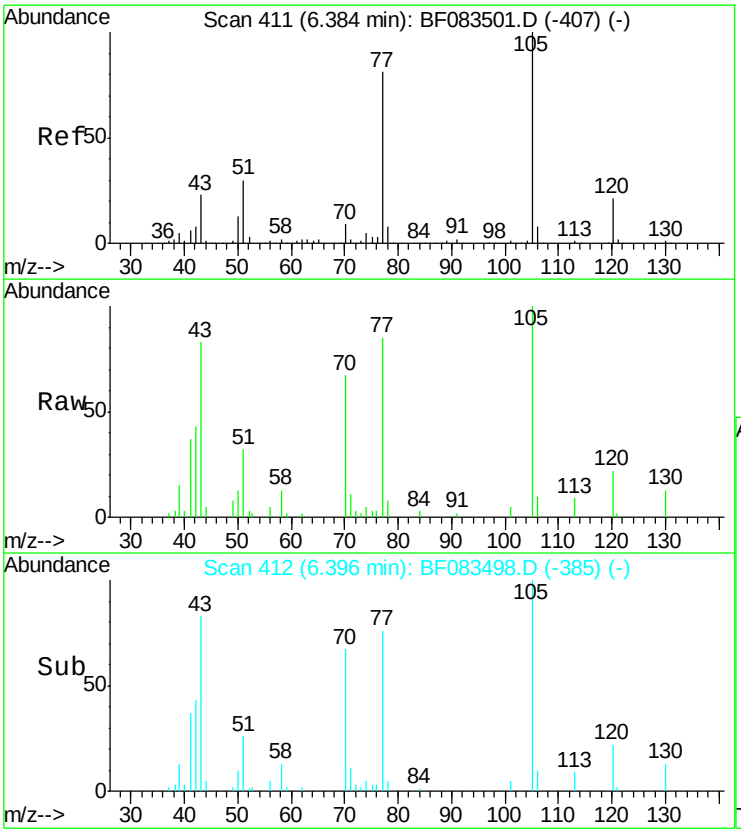
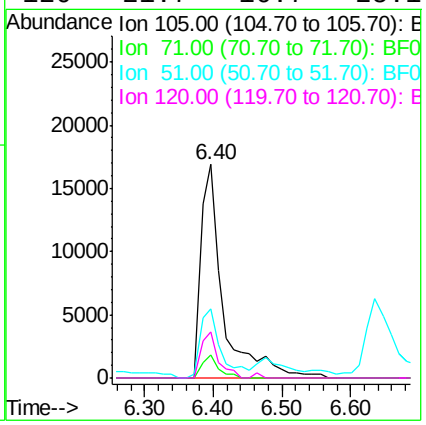
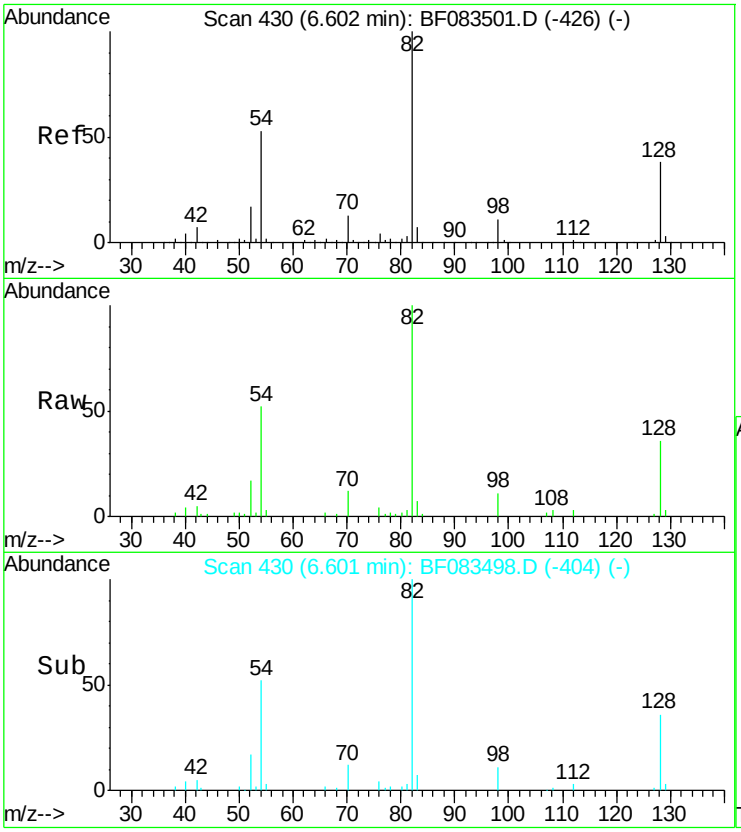


#22
Acetophenone
Concen: 2.34 ng
RT: 6.40 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:105 Resp: 37814

Ion	Ratio	Lower	Upper
105	100		
71	11.1	1.3	1.9#
51	32.2	23.8	35.8
120	21.7	16.7	25.1

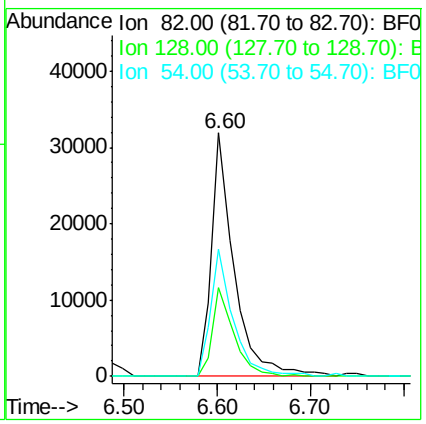




#23
Nitrobenzene-d5
Concen: 4.36 ng
RT: 6.60 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 82 Resp: 53679

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.7	46.1
54	52.3	42.5	63.7



Instrument :
BNA_F
ClientSampleId :
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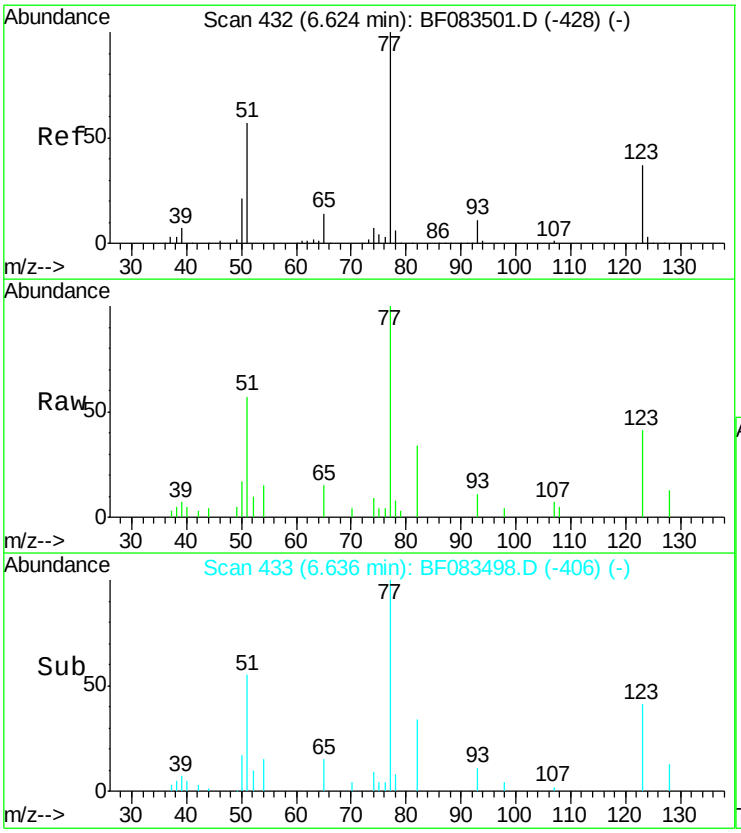
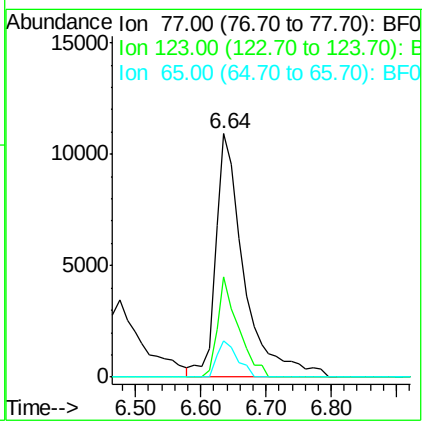
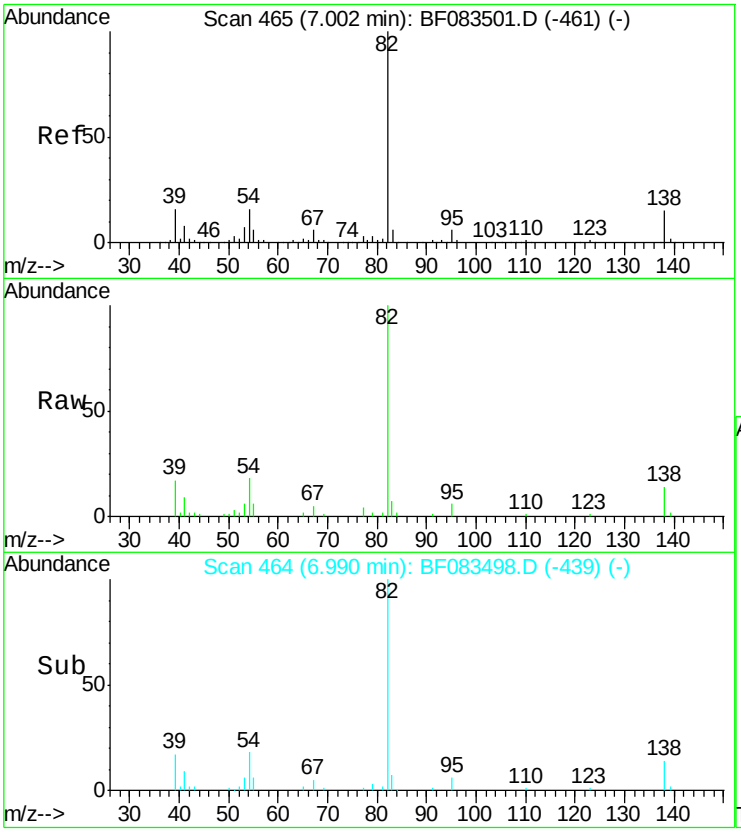


#24
Nitrobenzene
Concen: 2.51 ng
RT: 6.64 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 77 Resp: 33086

Ion	Ratio	Lower	Upper
77	100		
123	41.0	29.8	44.6
65	14.7	11.1	16.7

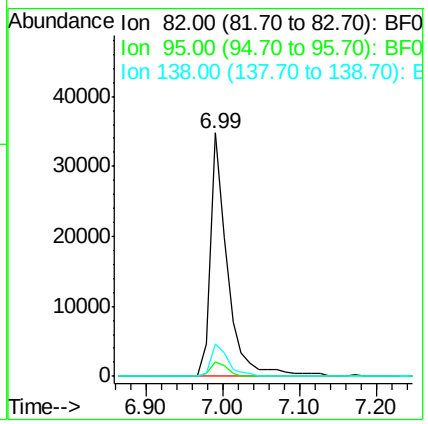




#25
Isophorone
Concen: 2.24 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 82 Resp: 53109

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.0	7.4
138	13.5	12.1	18.1



Instrument :
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ClientSampleId :
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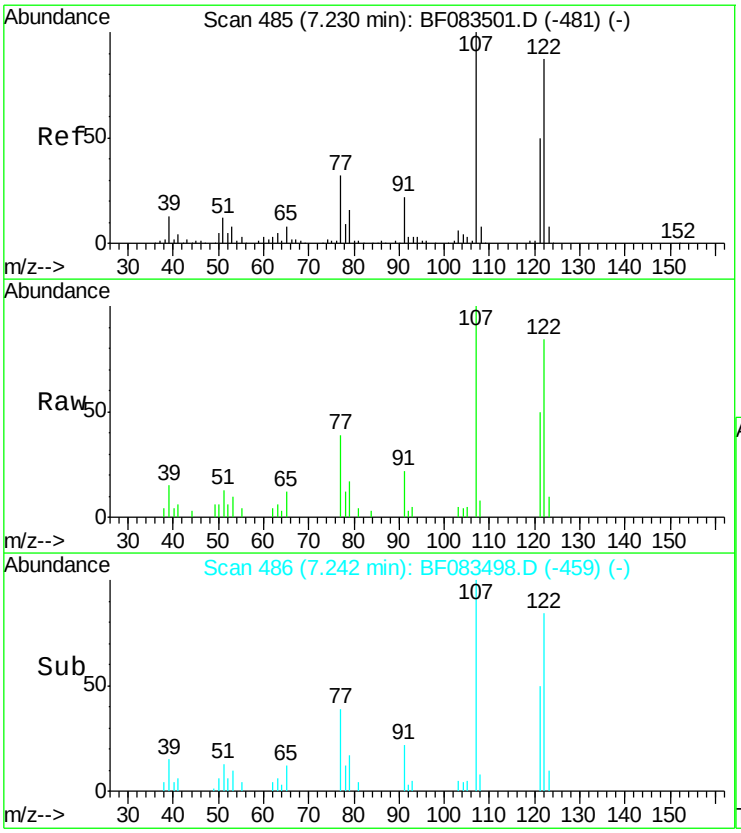
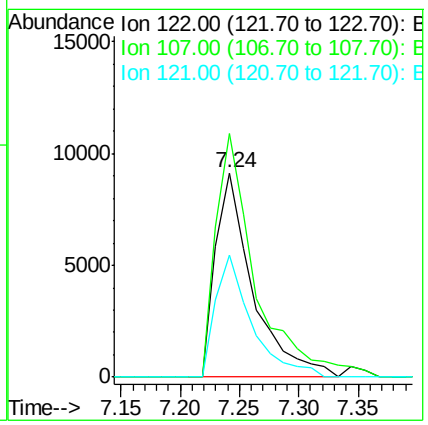
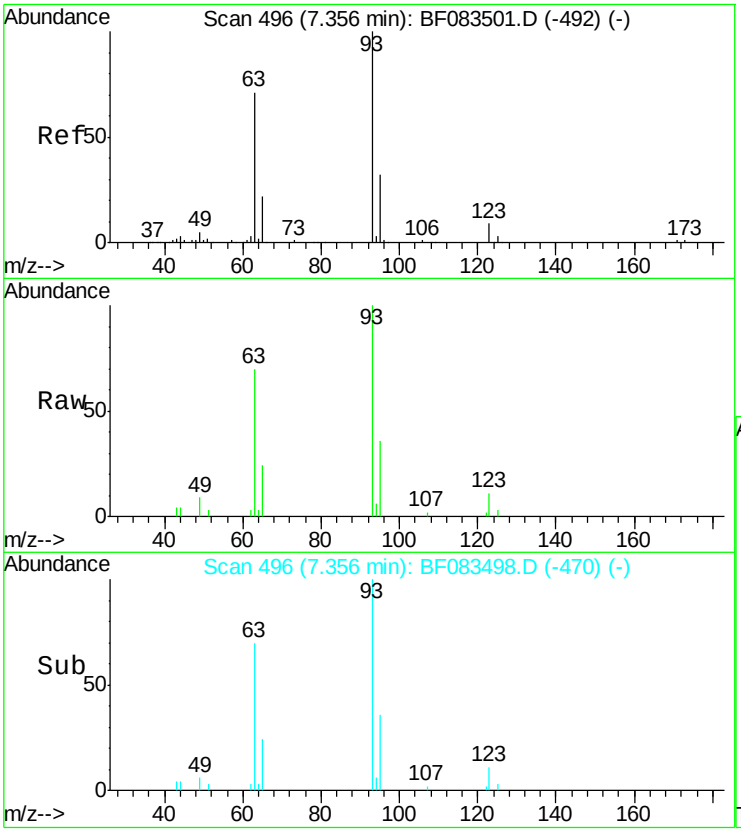


#27
2,4-Dimethylphenol
Concen: 2.21 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:122 Resp: 19808

Ion	Ratio	Lower	Upper
122	100		
107	119.2	92.4	138.6
121	60.0	45.8	68.6

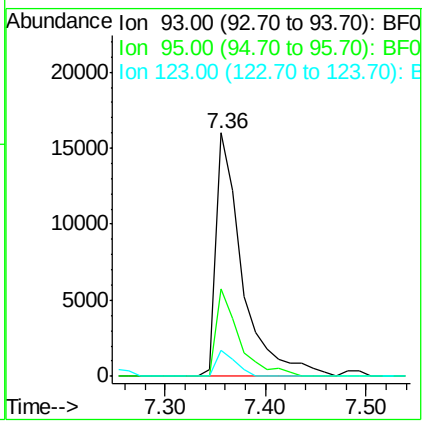




#28
bis(2-Chloroethoxy)methane
Concen: 2.14 ng
RT: 7.36 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 93 Resp: 29052

Ion	Ratio	Lower	Upper
93	100		
95	35.9	25.6	38.4
123	10.7	7.3	10.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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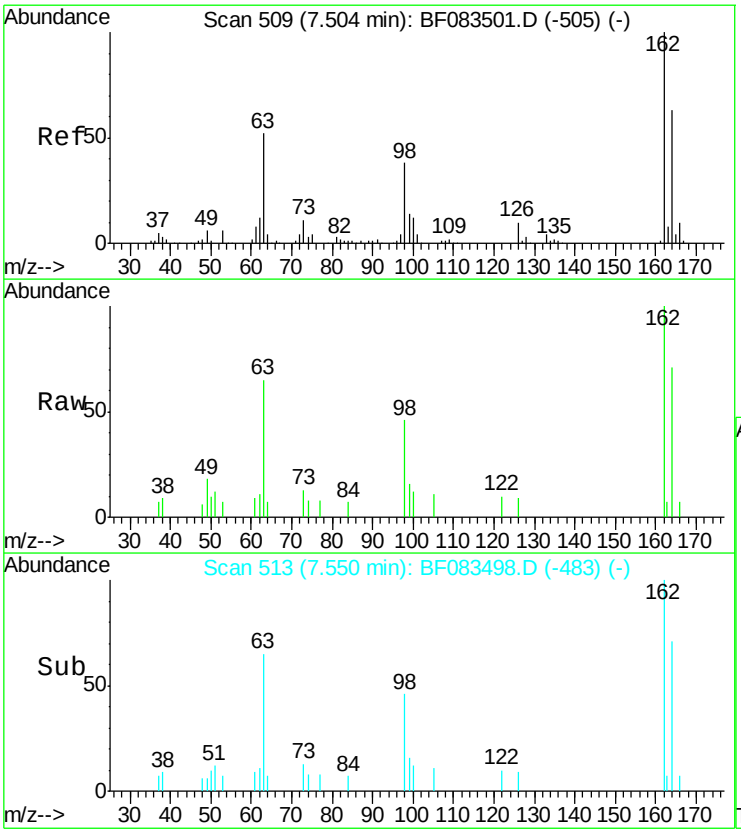
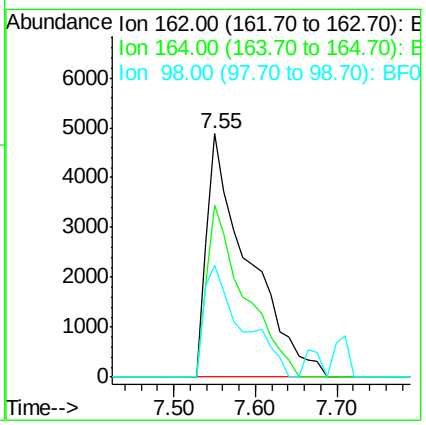
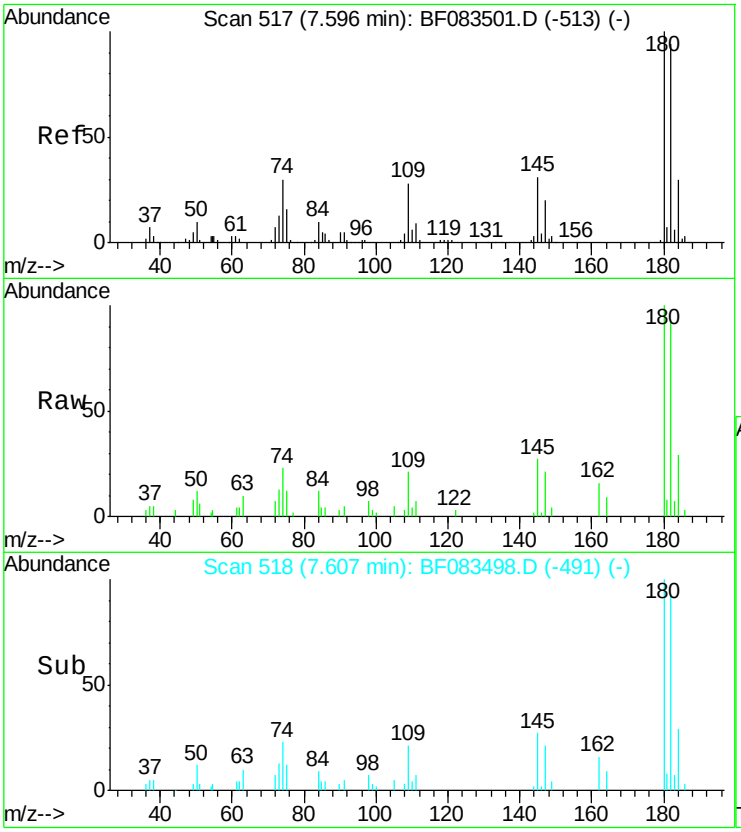


#29
2,4-Dichlorophenol
Concen: 2.02 ng
RT: 7.55 min Scan# 513
Delta R.T. 0.05 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:162 Resp: 17473

Ion	Ratio	Lower	Upper
162	100		
164	70.5	43.4	83.4
98	46.0	17.5	57.5

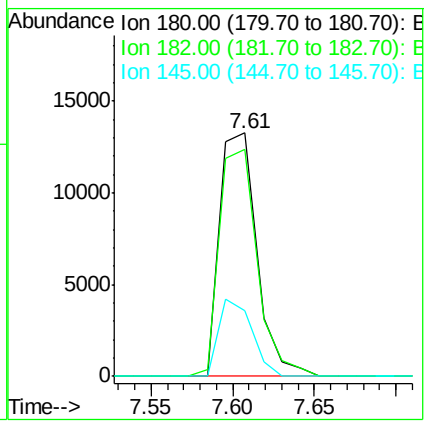




#30
1,2,4-Trichlorobenzene
Concen: 2.22 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:180 Resp: 20888

Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.9	112.3
145	26.8	24.7	37.1



Instrument :
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ClientSampleId :
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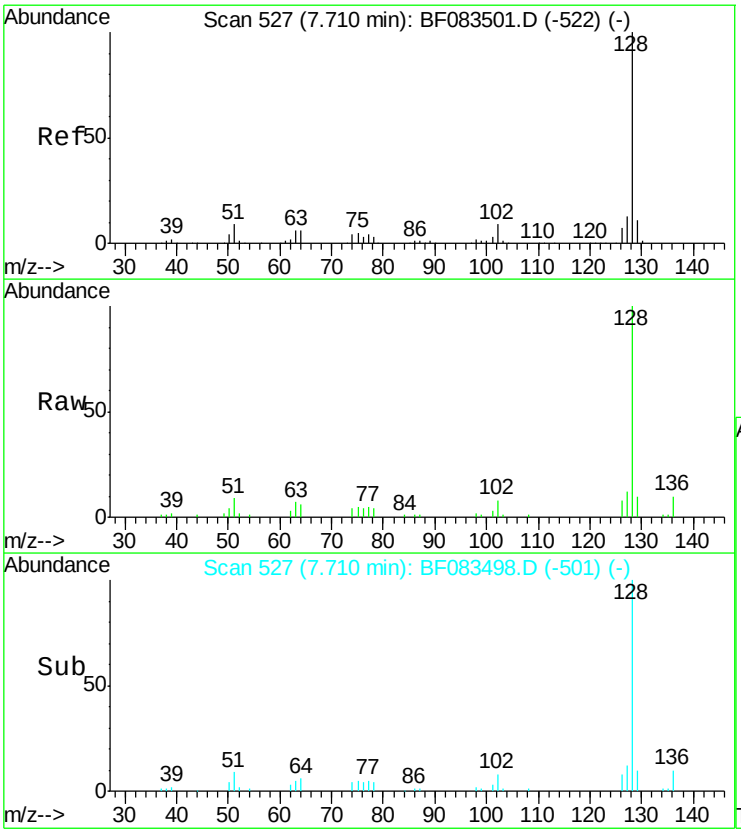
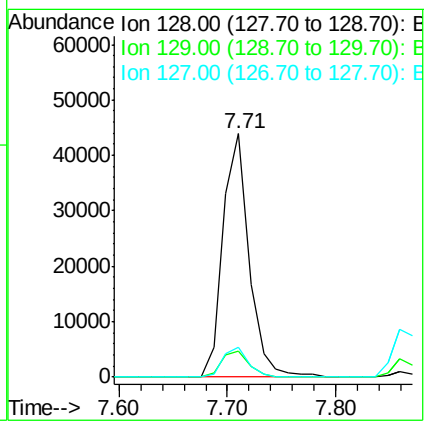
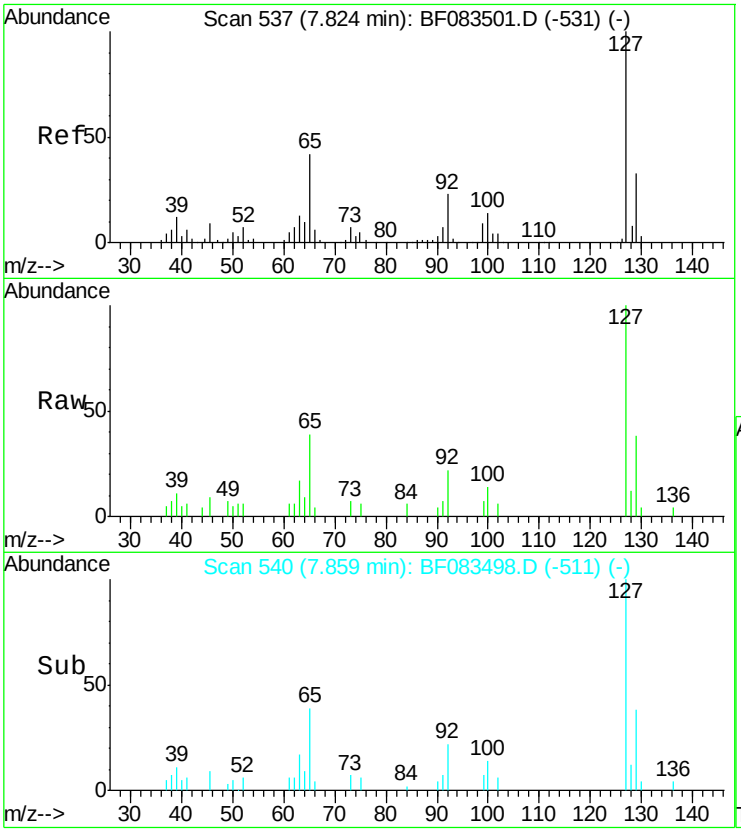


#31
Naphthalene
Concen: 2.48 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:128 Resp: 73197

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	12.0	10.6	16.0

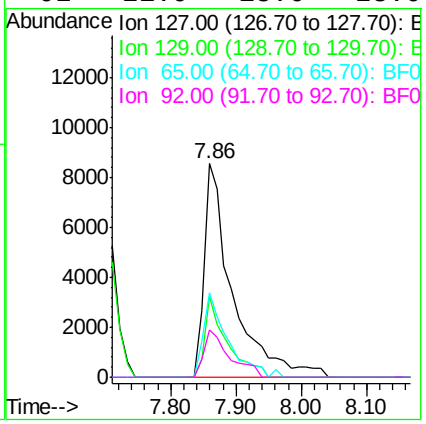




#33
4-Chloroaniline
Concen: 2.07 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.03 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:127 Resp: 25809

Ion	Ratio	Lower	Upper
127	100		
129	38.0	26.1	39.1
65	39.4	33.5	50.3
92	21.9	18.6	28.0



Instrument :
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ClientSampleId :
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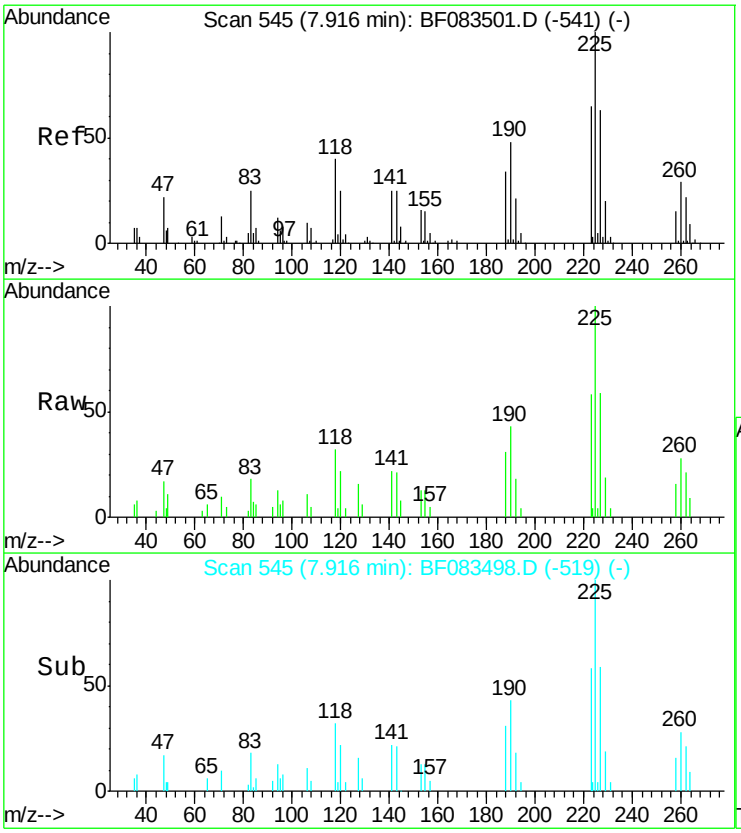
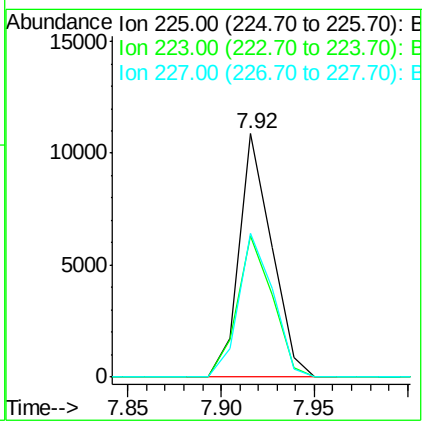
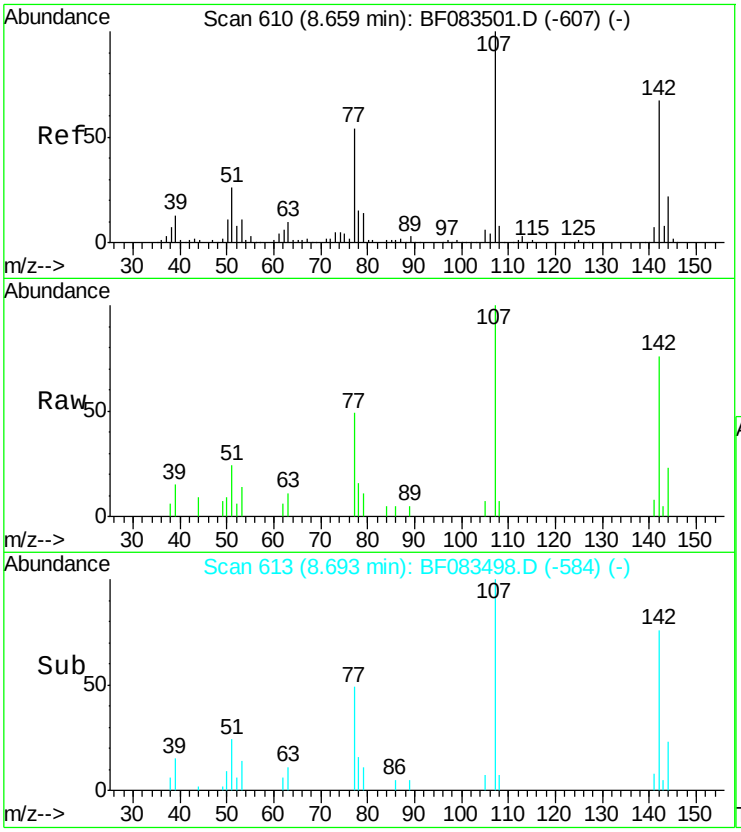


#34
Hexachlorobutadiene
Concen: 2.46 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:225 Resp: 13227

Ion	Ratio	Lower	Upper
225	100		
223	58.0	52.3	78.5
227	59.2	50.4	75.6

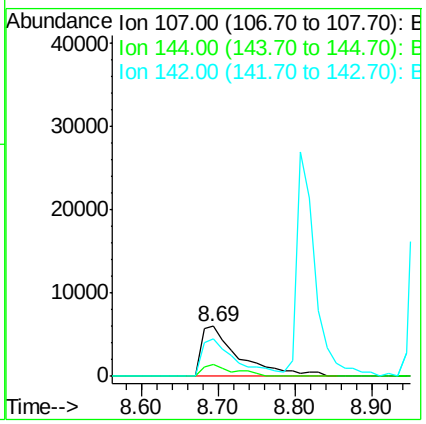




#36
4-Chloro-3-methylphenol
Concen: 2.08 ng
RT: 8.69 min Scan# 613
Delta R.T. 0.03 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:107 Resp: 20178

Ion	Ratio	Lower	Upper
107	100		
144	23.1	17.5	26.3
142	76.2	53.6	80.4



Instrument :
BNA_F
ClientSampleId :
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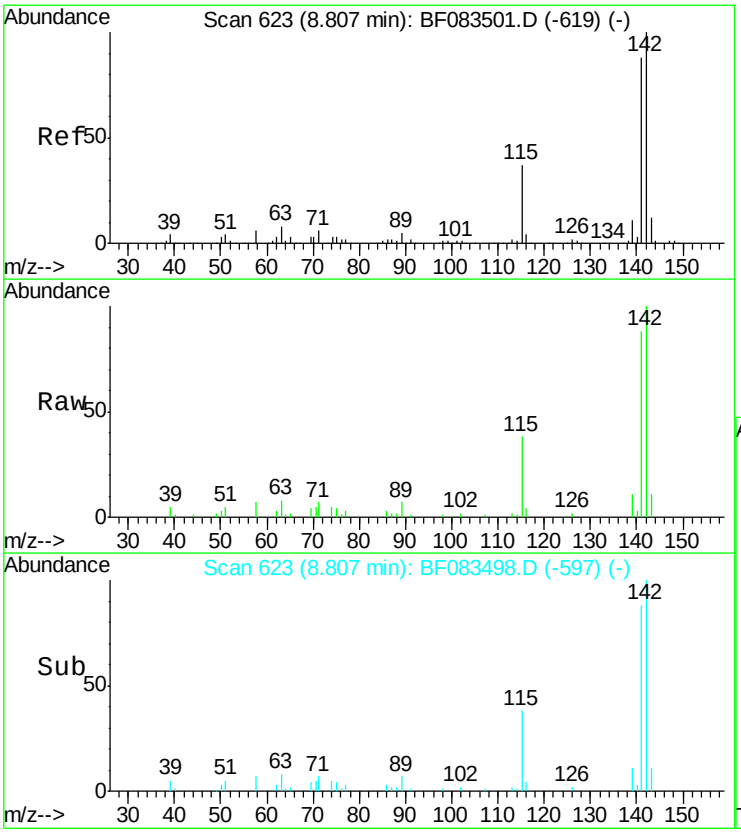
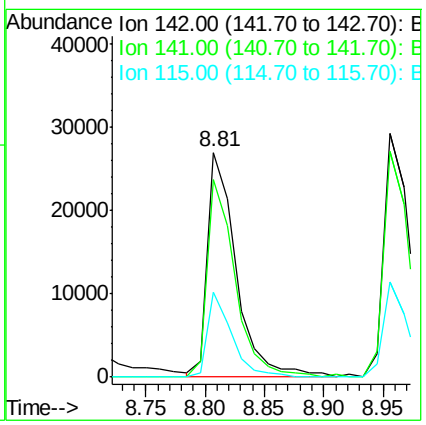
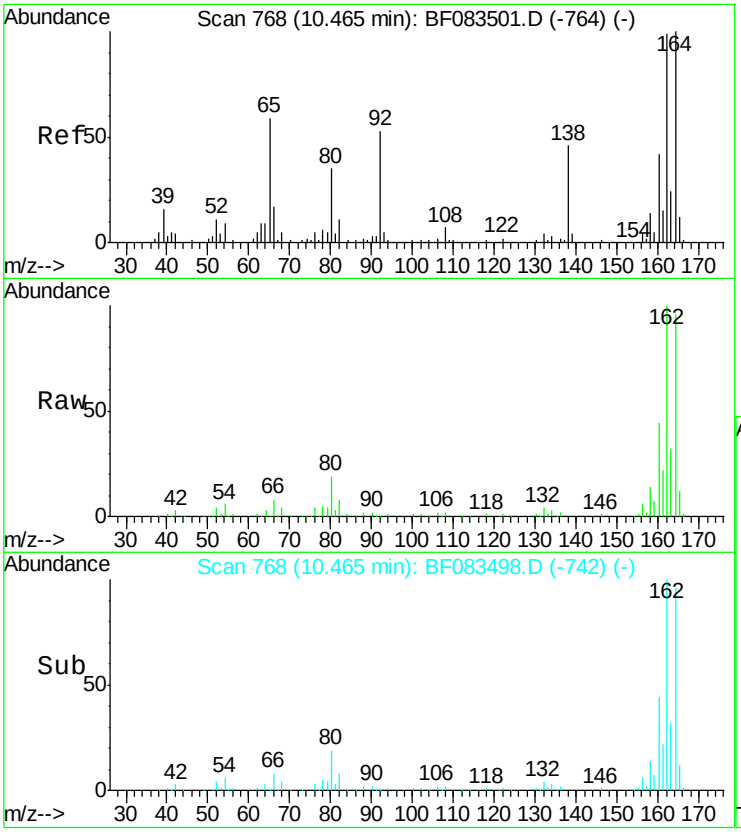


#37
2-Methylnaphthalene
Concen: 2.33 ng
RT: 8.81 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:142 Resp: 45356

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	37.5	29.2	43.8

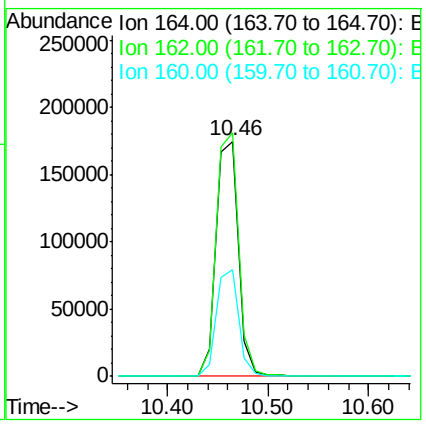




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:164 Resp: 270570

Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	45.6	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
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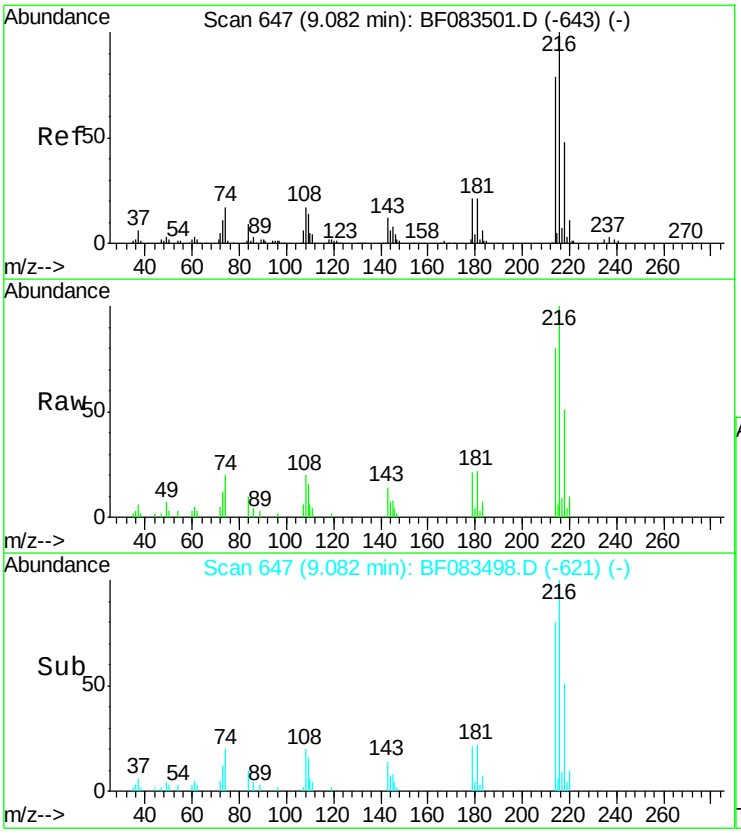
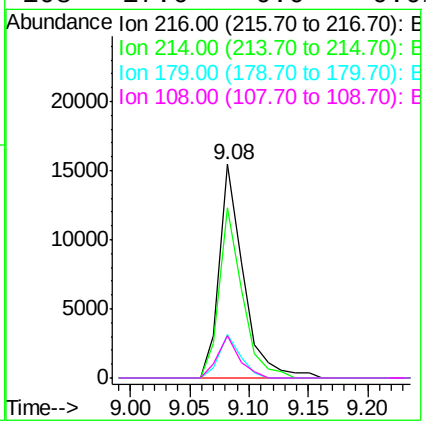
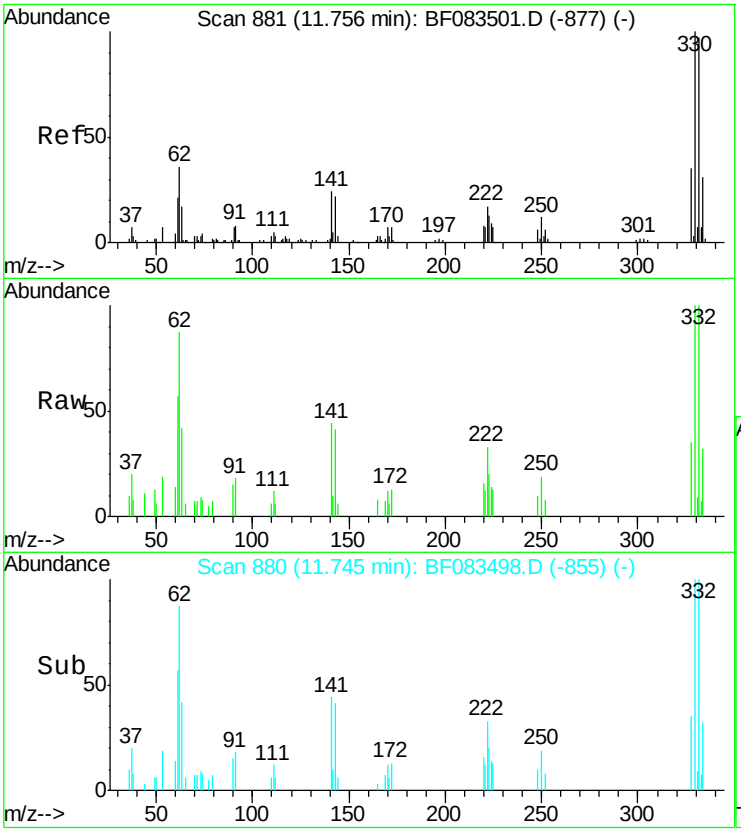


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.50 ng
RT: 9.08 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:216 Resp: 21701

Ion	Ratio	Lower	Upper
216	100		
214	76.1	0.0	0.0#
179	18.6	0.0	0.0#
108	17.6	0.0	0.0#

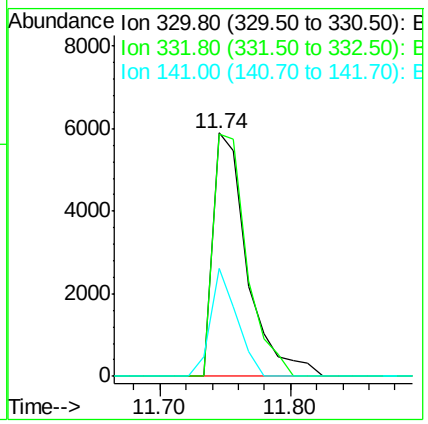




#41
2,4,6-Tribromophenol
Concen: 4.00 ng
RT: 11.74 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:330 Resp: 10811

Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	34.0	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
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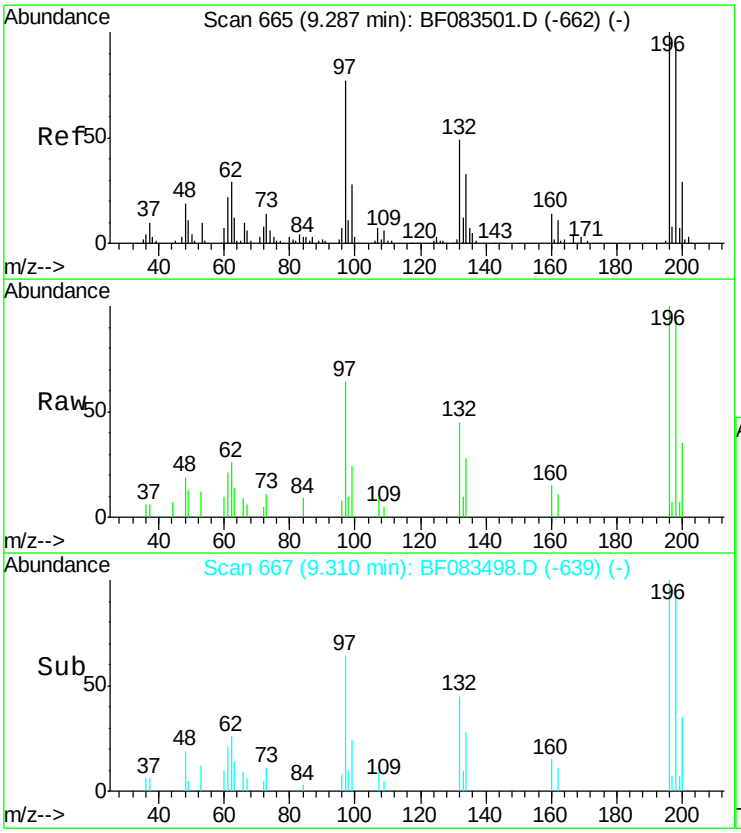
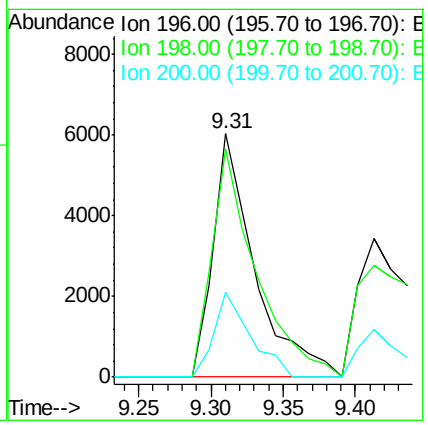
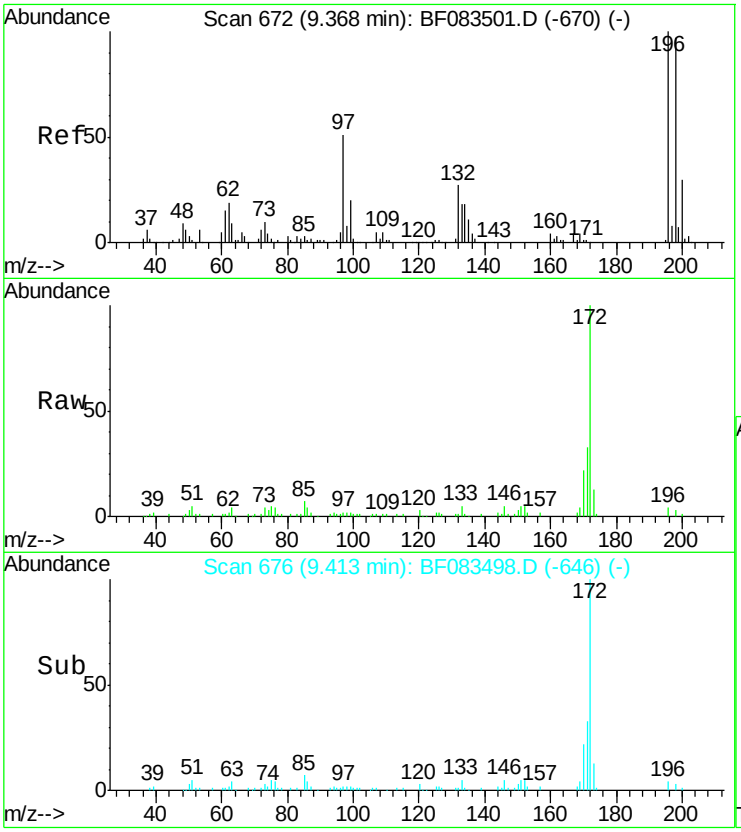


#42
2,4,6-Trichlorophenol
Concen: 2.00 ng m
RT: 9.31 min Scan# 667
Delta R.T. 0.02 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:196 Resp: 11963

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.2	112.8
200	35.1	23.0	34.6#

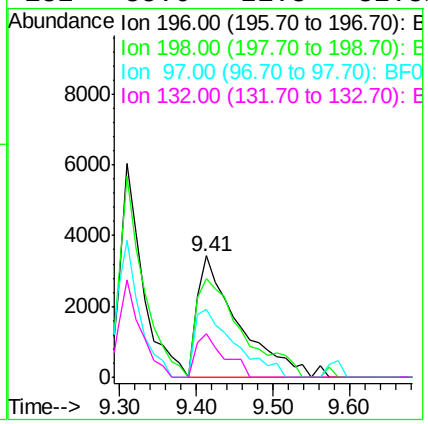




#43
2,4,5-Trichlorophenol
Concen: 2.08 ng
RT: 9.41 min Scan# 676
Delta R.T. 0.05 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:196 Resp: 12815

Ion	Ratio	Lower	Upper
196	100		
198	81.2	77.7	116.5
97	56.1	41.2	61.8
132	35.6	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
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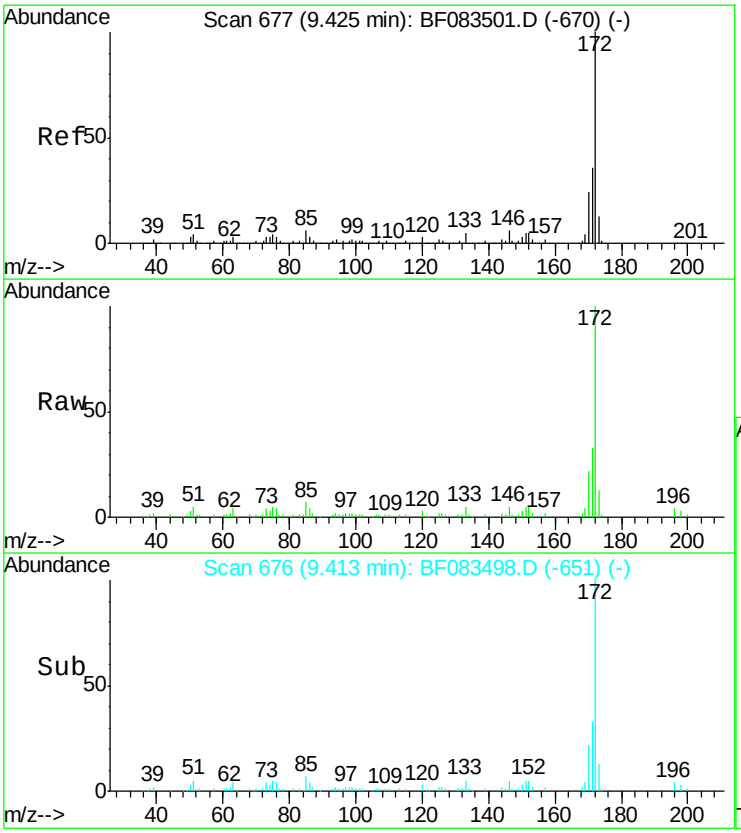
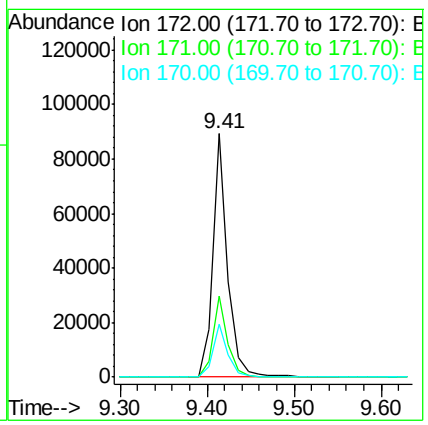
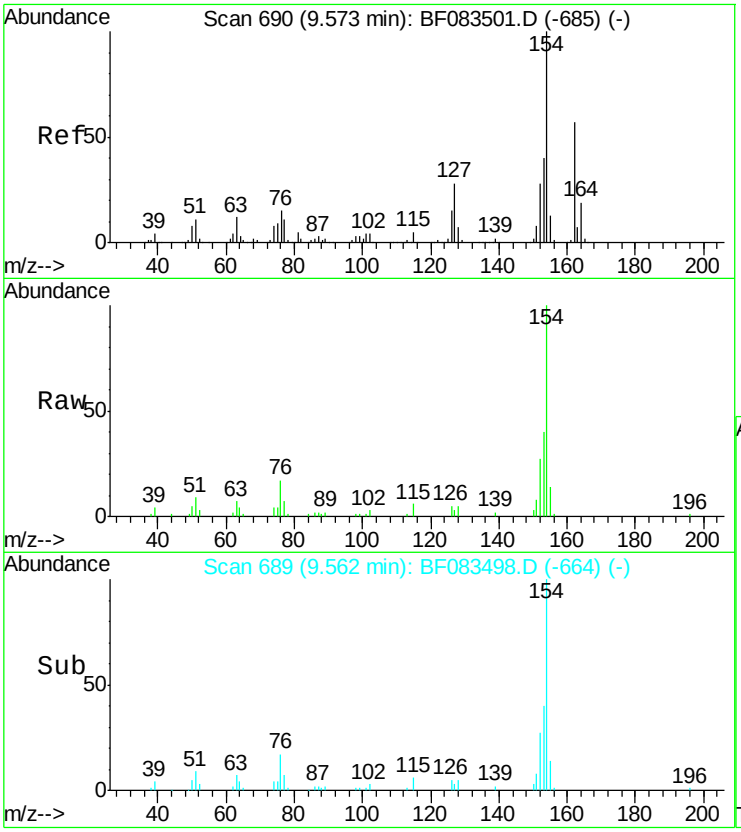


#44
2-Fluorobiphenyl
Concen: 5.51 ng
RT: 9.41 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:172 Resp: 105992

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.6	42.8
170	21.7	19.4	29.0

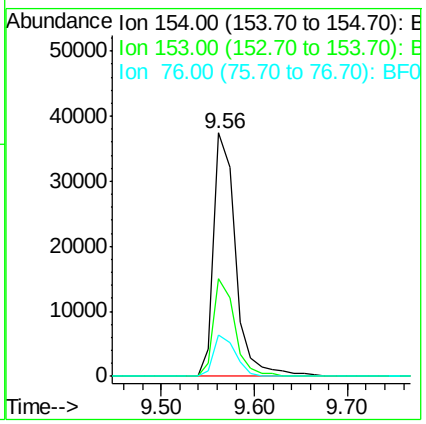




#45
1,1'-Biphenyl
Concen: 2.57 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:154 Resp: 61283

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	16.9	0.0	34.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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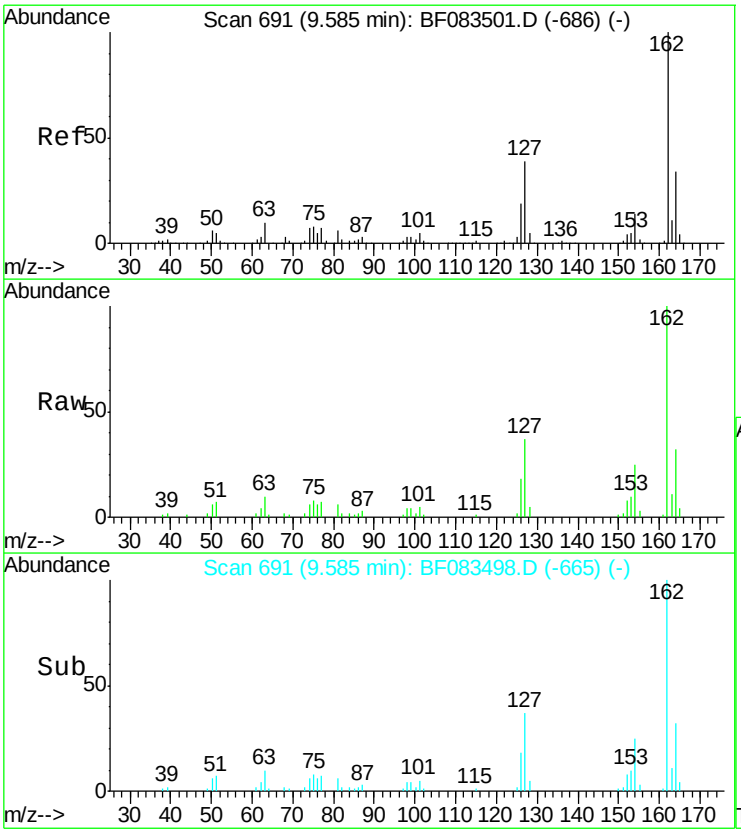
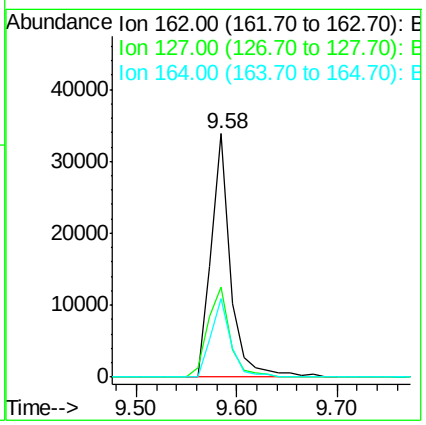
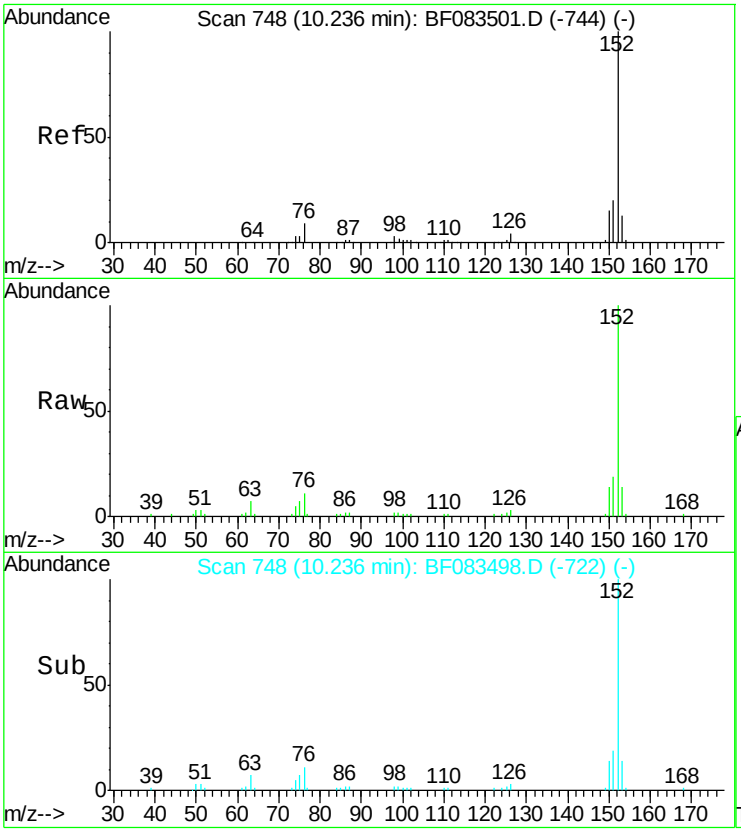


#46
2-Chloronaphthalene
Concen: 2.50 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:162 Resp: 45428

Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.0	46.4
164	32.3	27.4	41.0

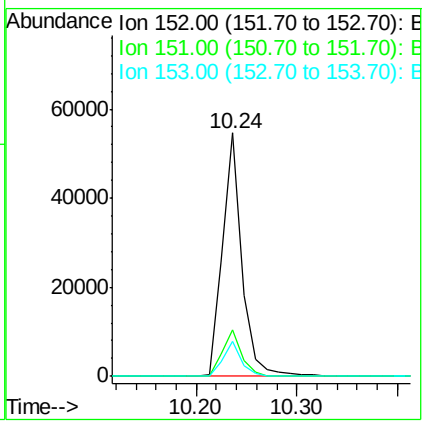




#48
Acenaphthylene
Concen: 2.50 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:152 Resp: 73017

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	14.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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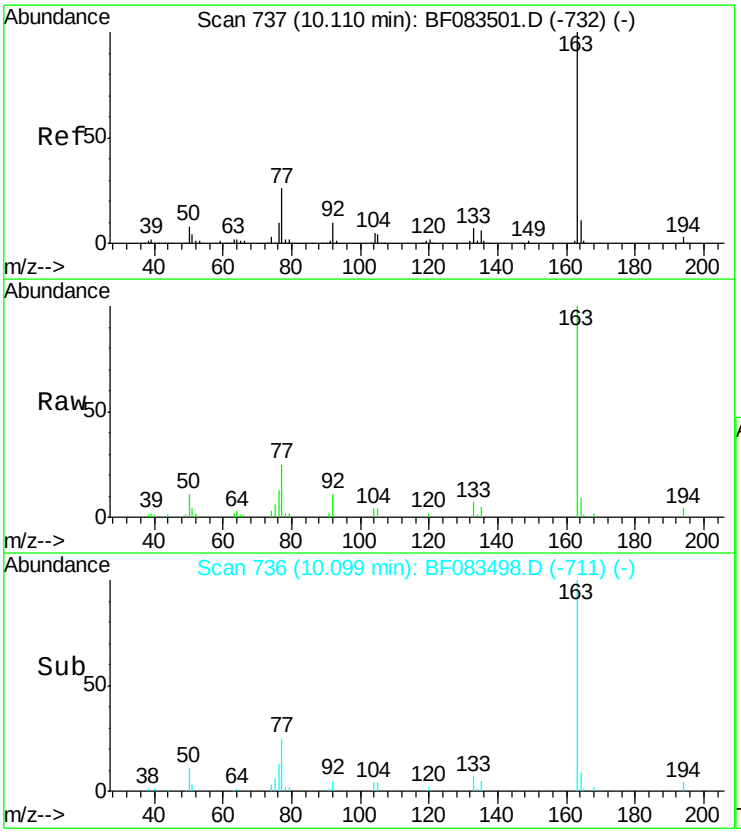
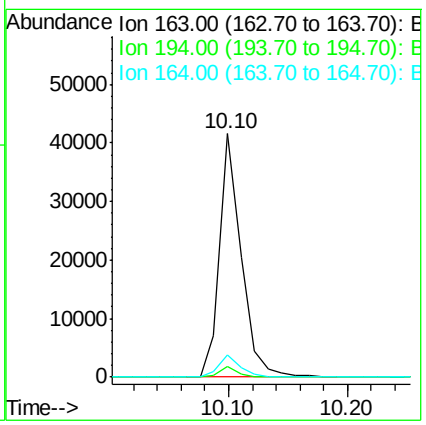
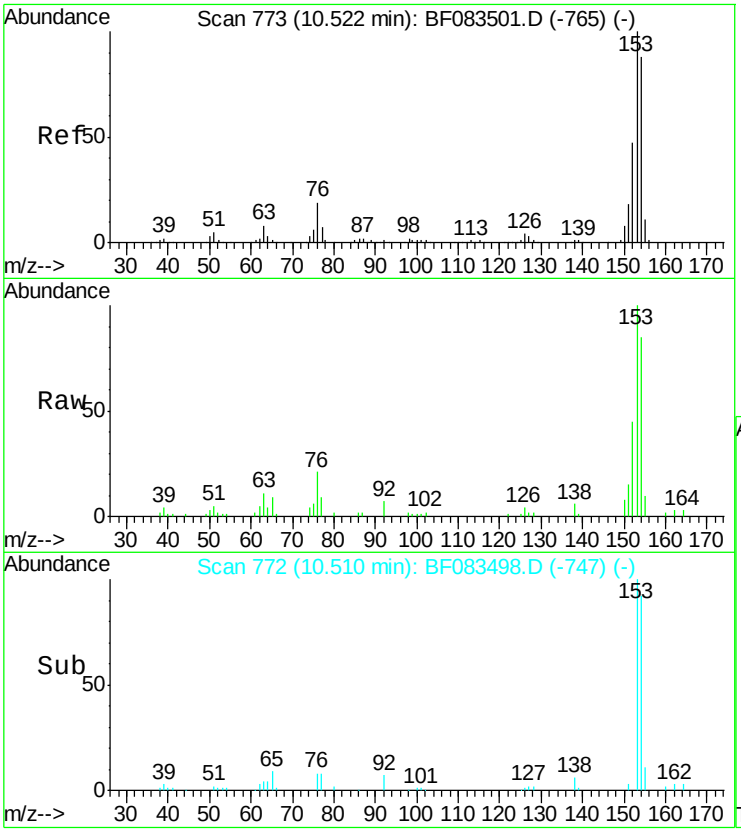


#49
Dimethylphthalate
Concen: 2.36 ng
RT: 10.10 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:163 Resp: 52301

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.8	4.2#
164	9.3	8.6	13.0

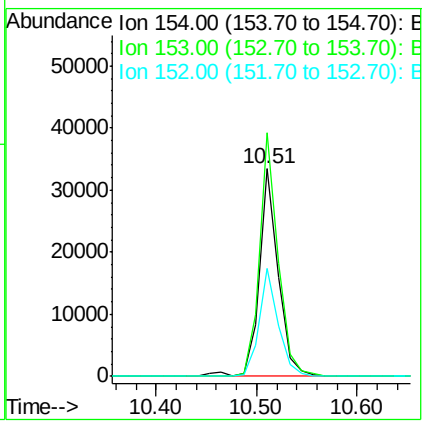




#51
Acenaphthene
Concen: 2.56 ng
RT: 10.51 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:154 Resp: 43648

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.4	137.0
152	52.3	43.4	65.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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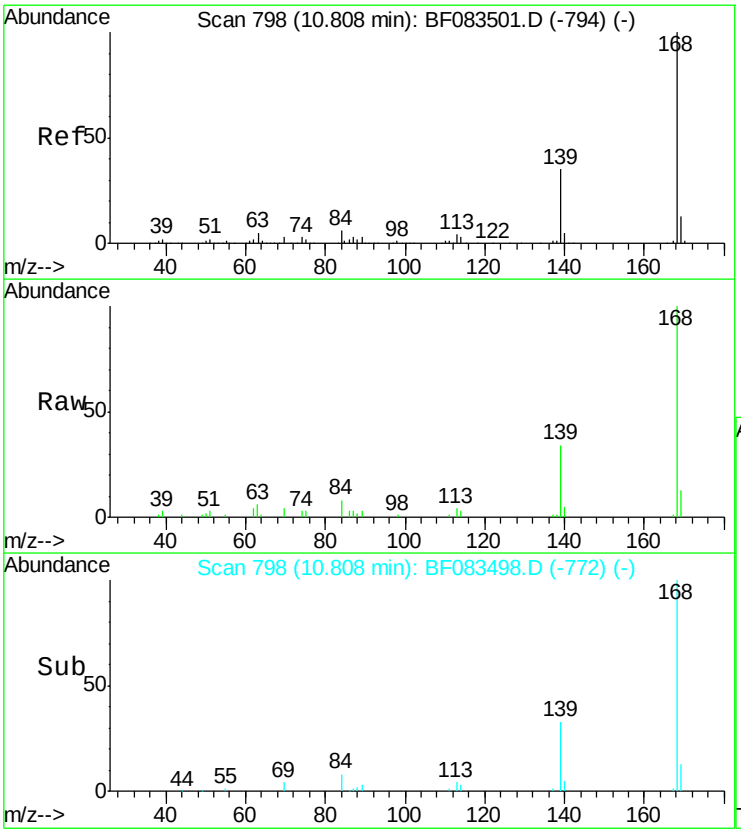
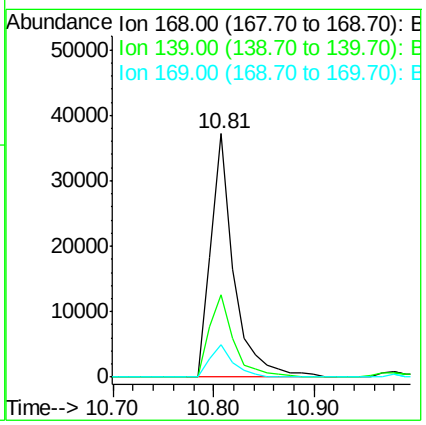
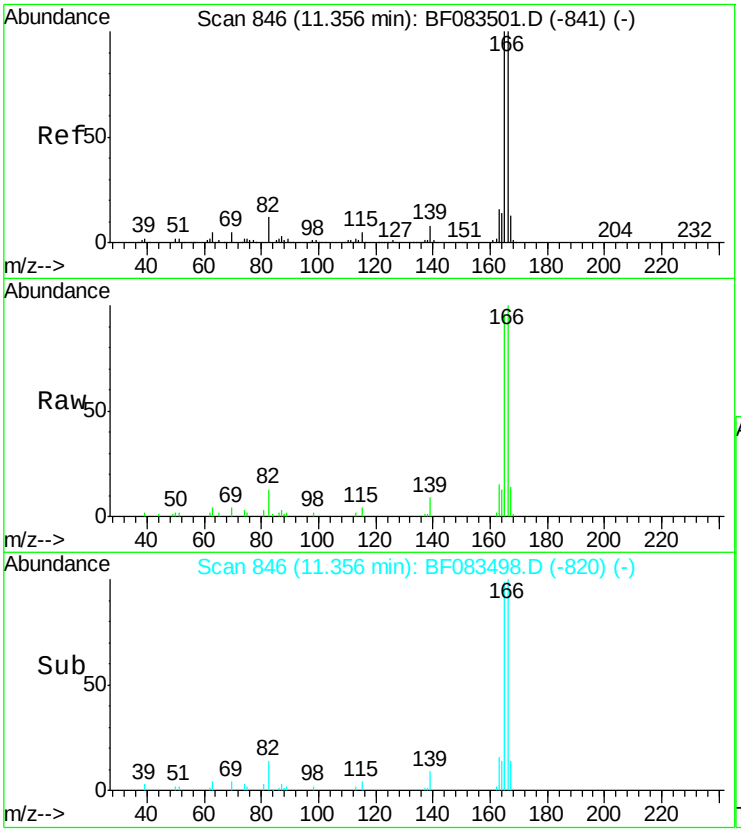


#54
Dibenzofuran
Concen: 2.37 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:168 Resp: 59035

Ion	Ratio	Lower	Upper
168	100		
139	33.9	28.0	42.0
169	13.5	10.8	16.2

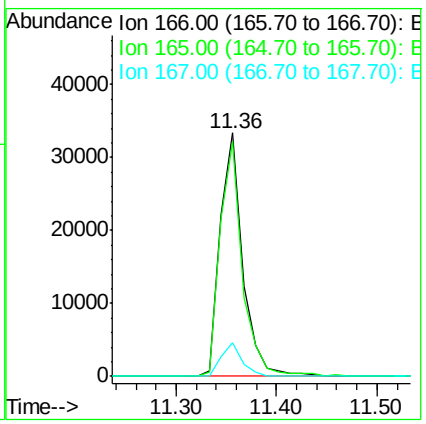




#57
Fluorene
Concen: 2.62 ng
RT: 11.36 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:166 Resp: 52215

Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.0	120.0
167	13.9	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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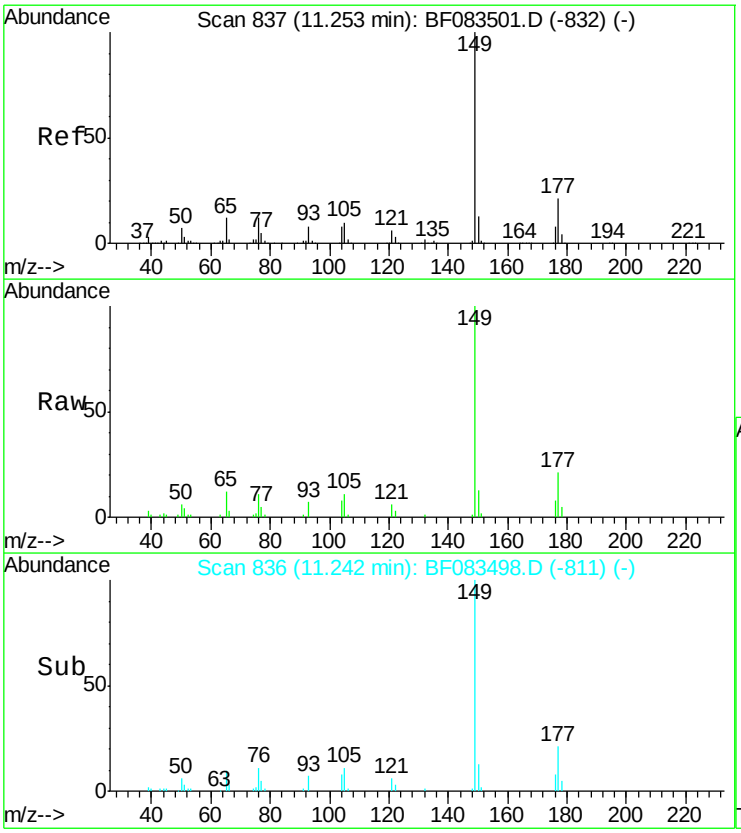
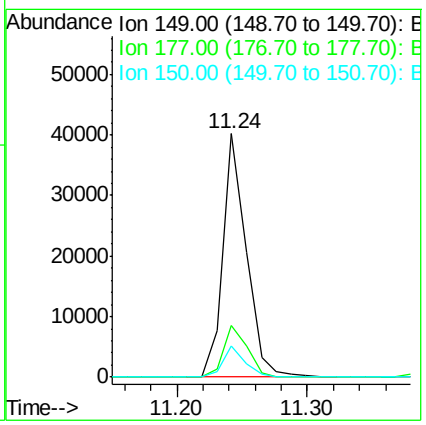
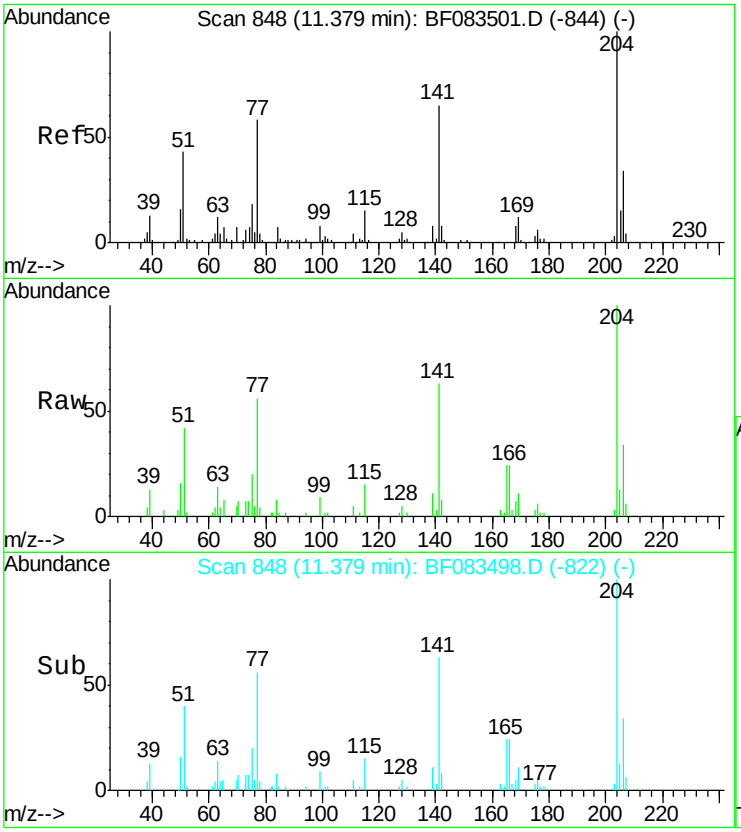


#59
Diethylphthalate
Concen: 2.39 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:149 Resp: 50205

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.9	25.3
150	12.9	10.2	15.4

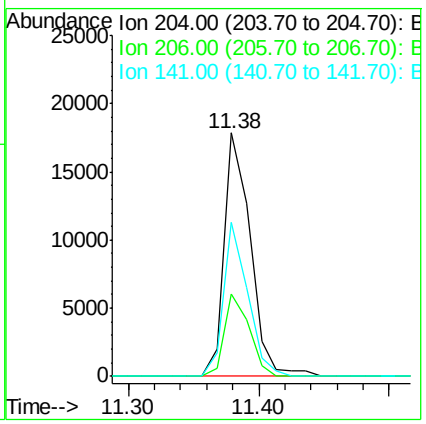




#60
4-Chlorophenyl-phenylether
Concen: 2.73 ng
RT: 11.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:204 Resp: 25026

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.3	40.9
141	63.3	51.9	77.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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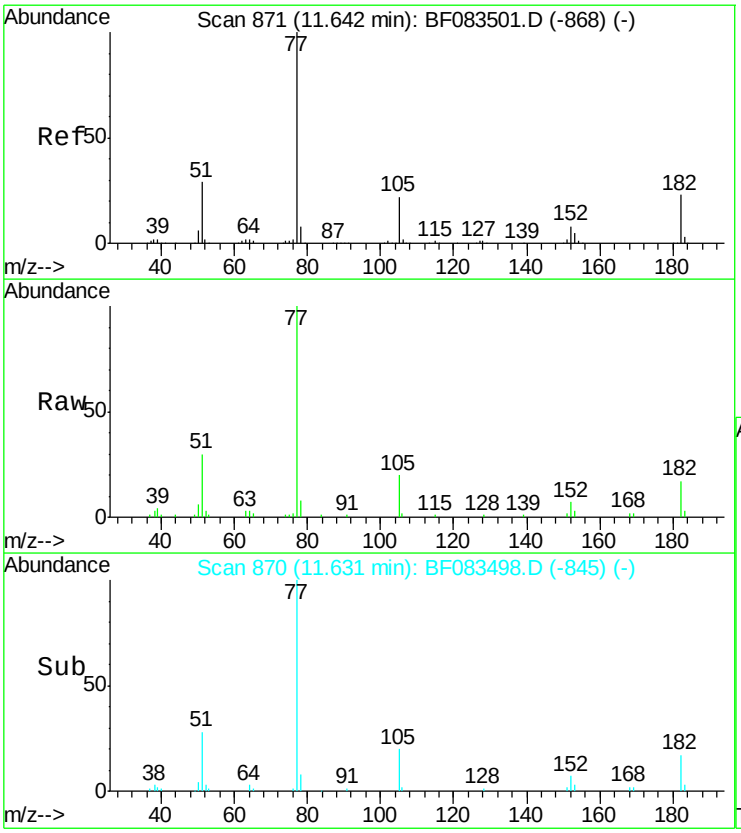
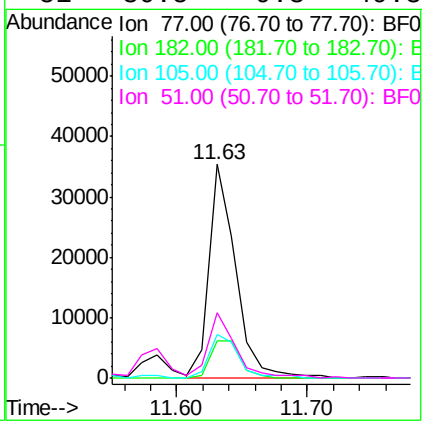
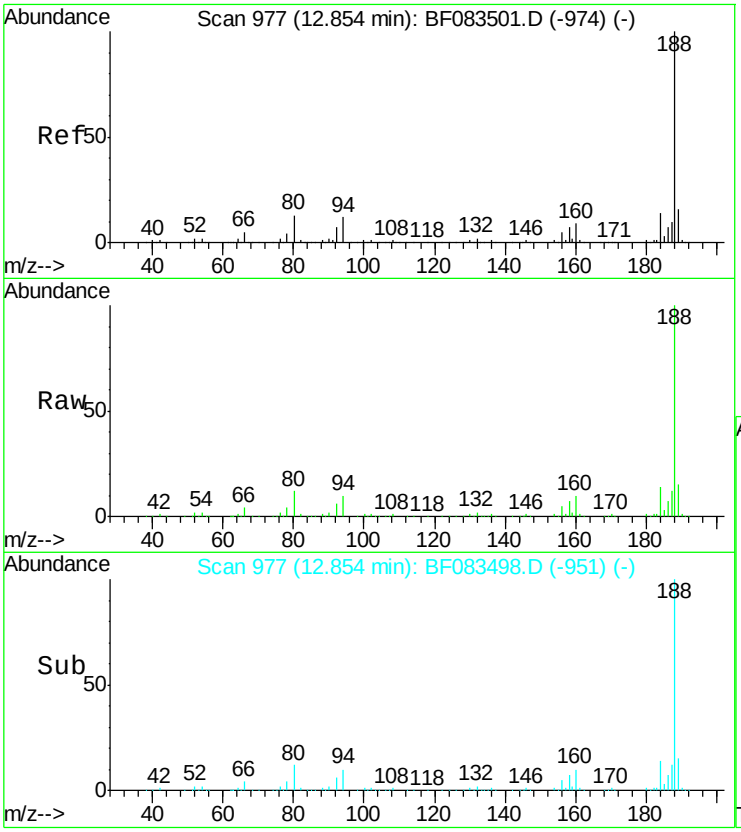


#62
Azobenzene
Concen: 2.05 ng
RT: 11.63 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion: 77 Resp: 50626

Ion	Ratio	Lower	Upper
77	100		
182	17.1	2.5	42.5
105	20.4	2.1	42.1
51	30.5	9.3	49.3

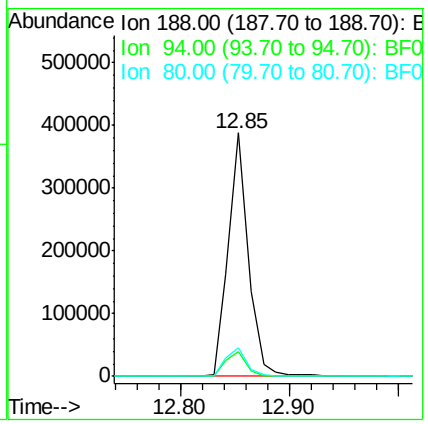




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:188 Resp: 495884

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.6	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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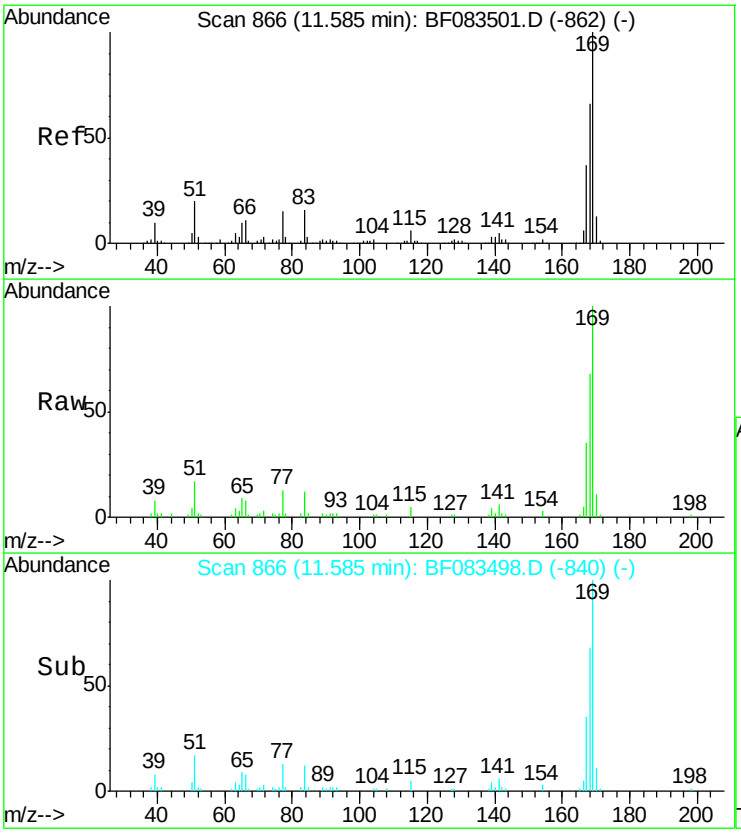
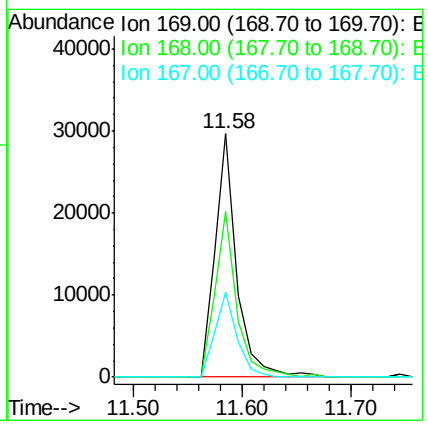
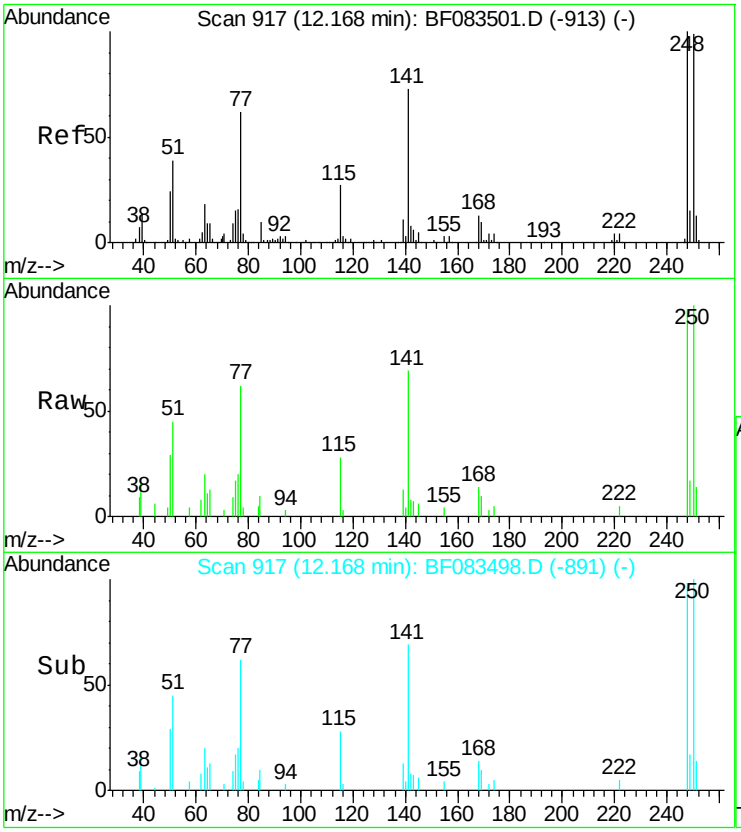


#65
n-Nitrosodiphenylamine
Concen: 2.38 ng
RT: 11.58 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:169 Resp: 41225

Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.0	79.6
167	35.0	29.3	43.9

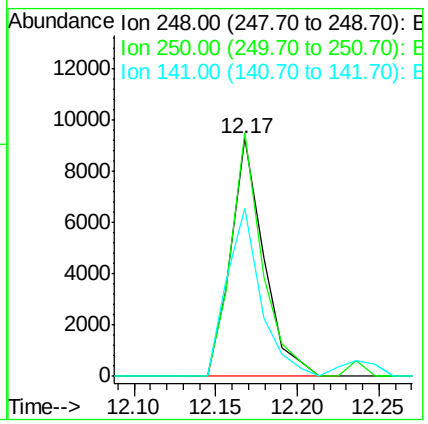




#66
4-Bromophenyl-phenylether
Concen: 2.39 ng
RT: 12.17 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:248 Resp: 12974

Ion	Ratio	Lower	Upper
248	100		
250	102.3	79.2	118.8
141	70.9	58.2	87.4



Instrument :
BNA_F
ClientSampleId :
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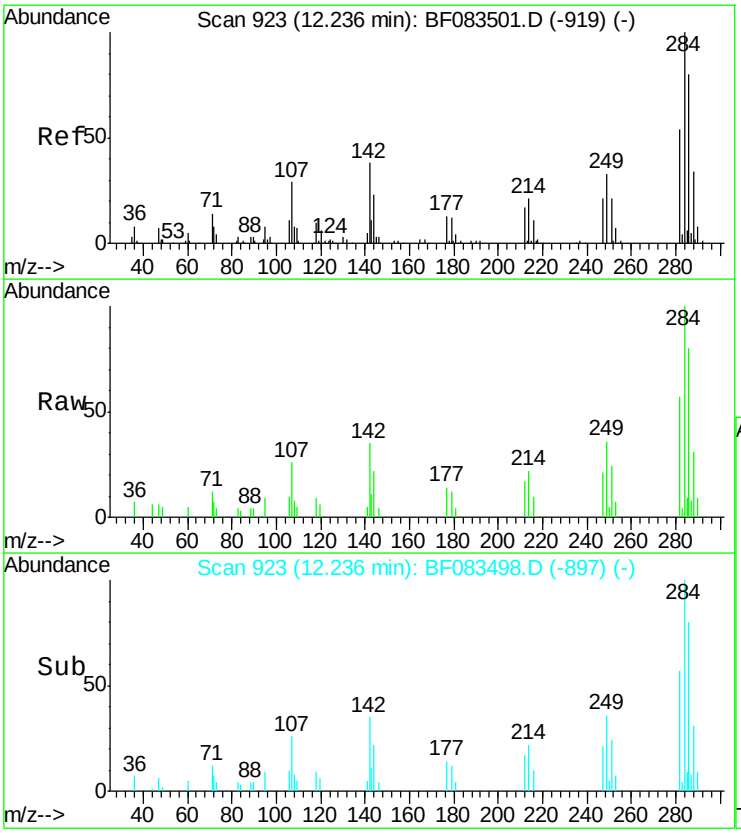
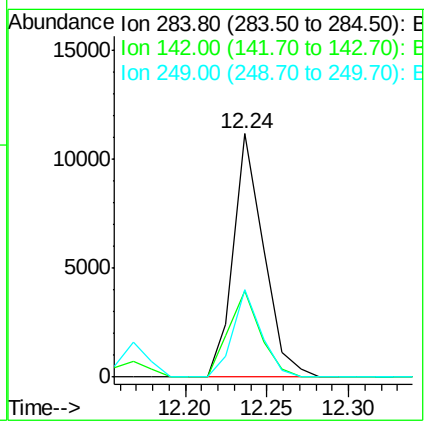
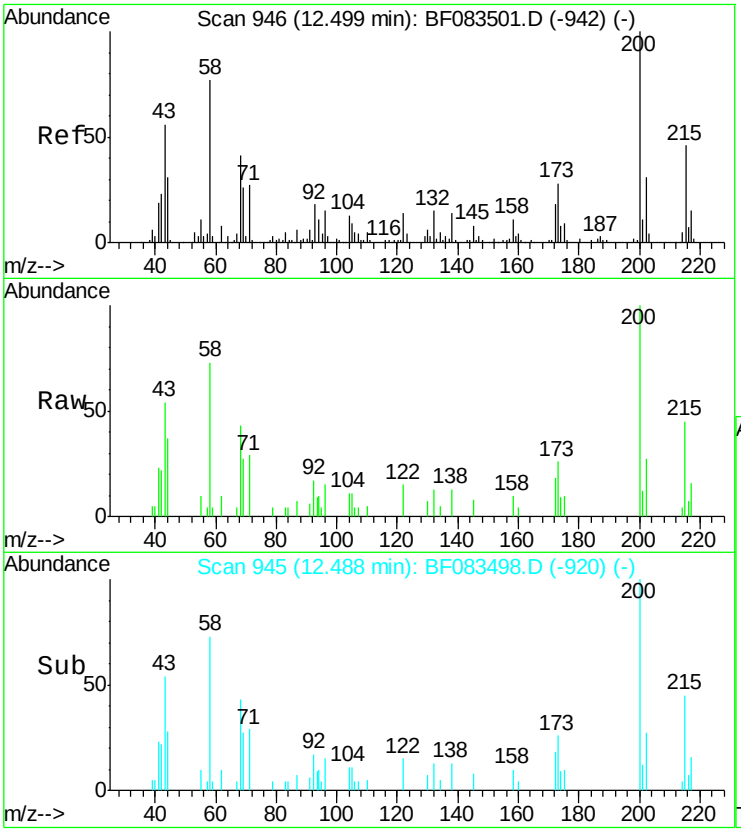


#67
Hexachlorobenzene
Concen: 2.41 ng
RT: 12.24 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:284 Resp: 14417

Ion	Ratio	Lower	Upper
284	100		
142	35.4	31.0	46.4
249	35.9	26.9	40.3

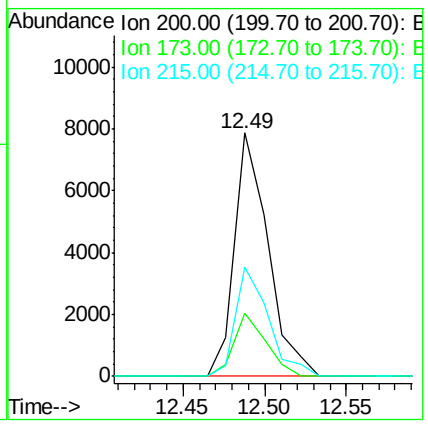




#68
Atrazine
Concen: 2.28 ng
RT: 12.49 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:200 Resp: 11209

Ion	Ratio	Lower	Upper
200	100		
173	25.7	7.8	47.8
215	45.0	25.7	65.7



Instrument :
BNA_F
ClientSampleId :
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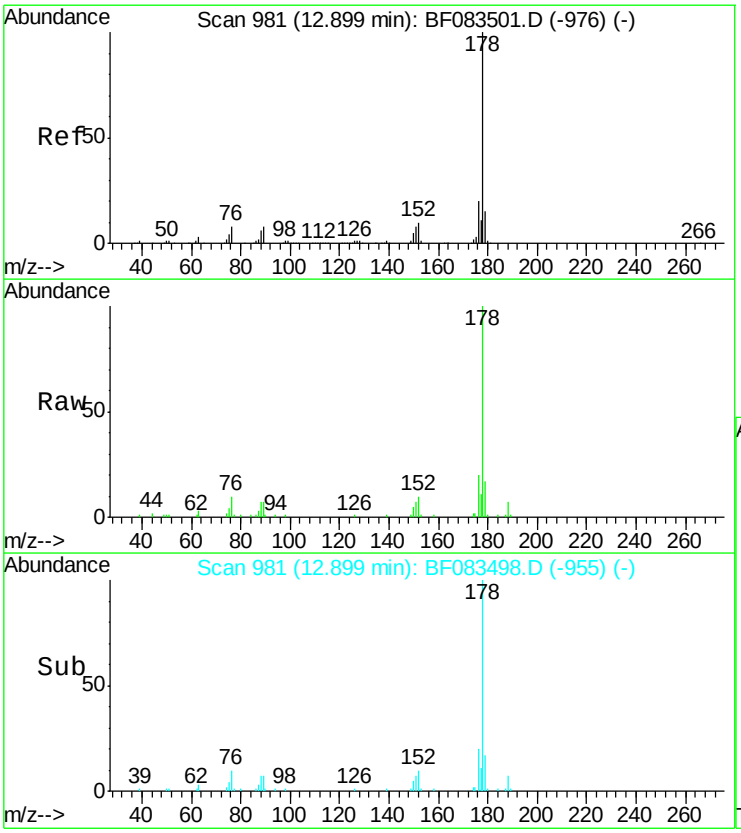
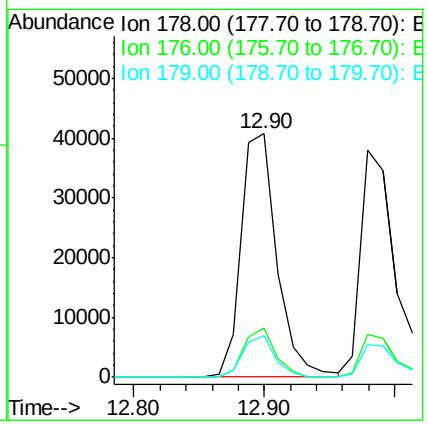
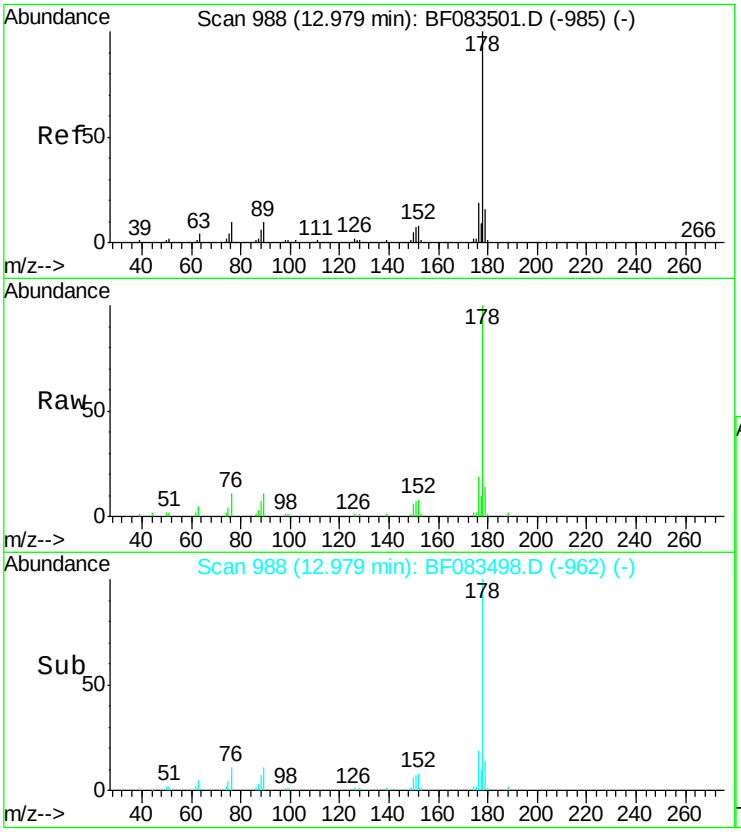


#70
Phenanthrene
Concen: 2.65 ng
RT: 12.90 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:178 Resp: 77784

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.0	12.2	18.4

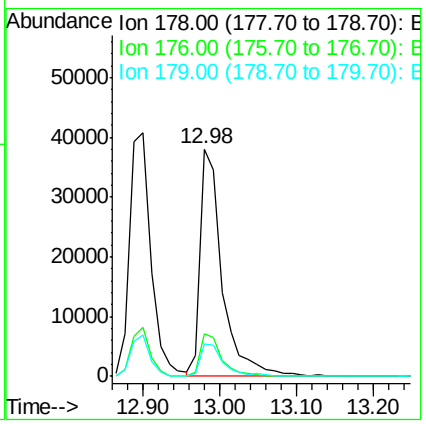




#71
Anthracene
Concen: 2.54 ng
RT: 12.98 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:178 Resp: 75329

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	14.4	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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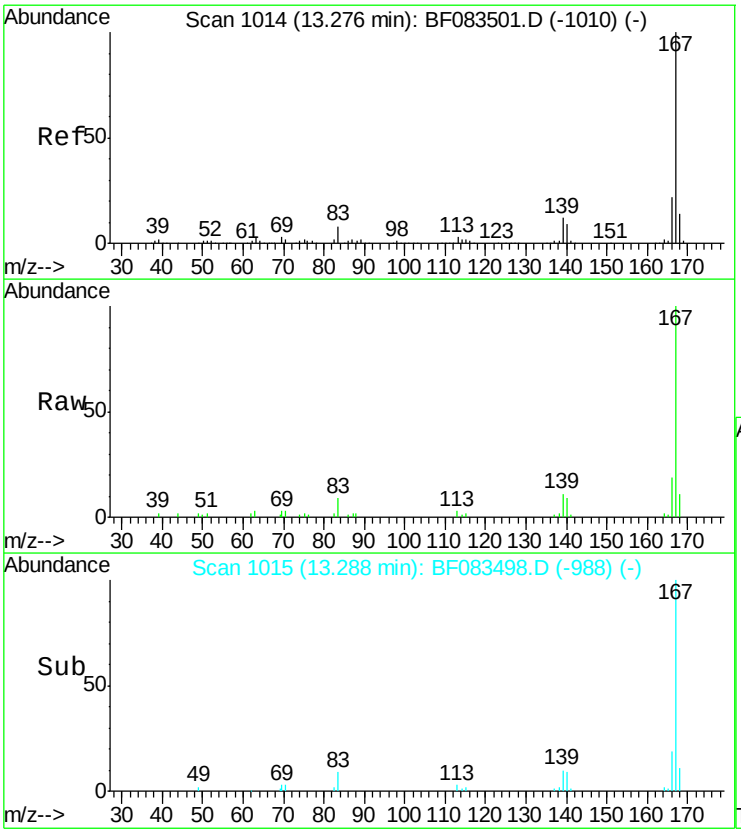
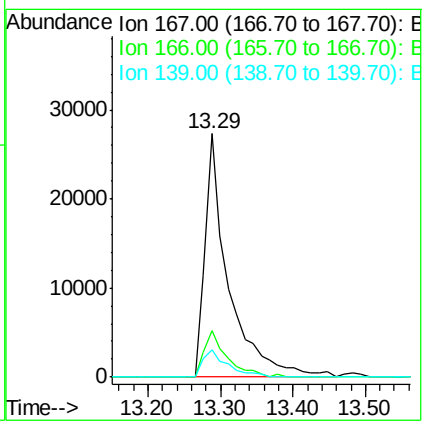
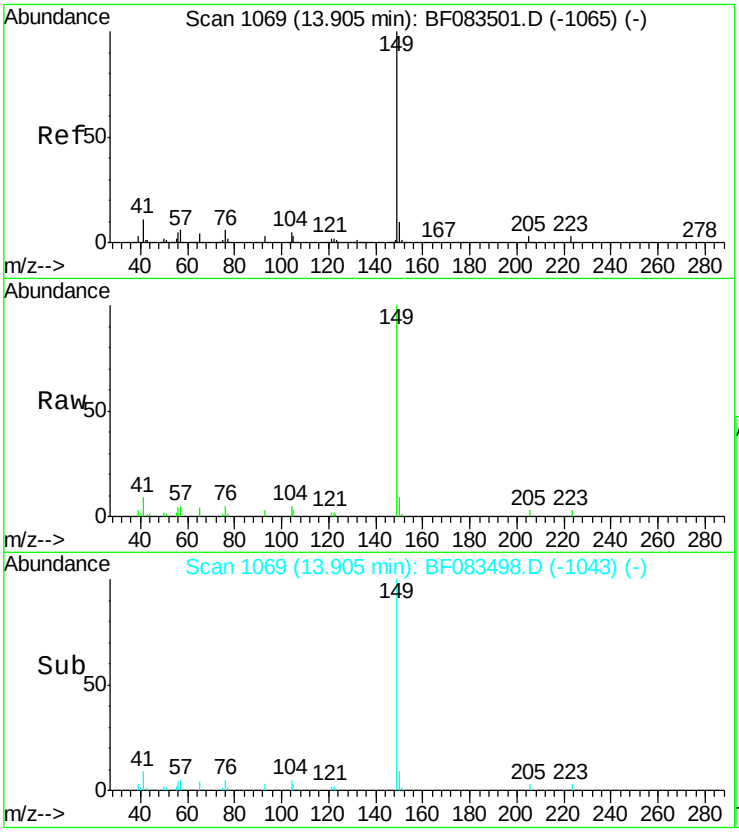


#72
Carbazole
Concen: 2.31 ng
RT: 13.29 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:167 Resp: 61203

Ion	Ratio	Lower	Upper
167	100		
166	19.1	17.2	25.8
139	11.3	9.3	13.9

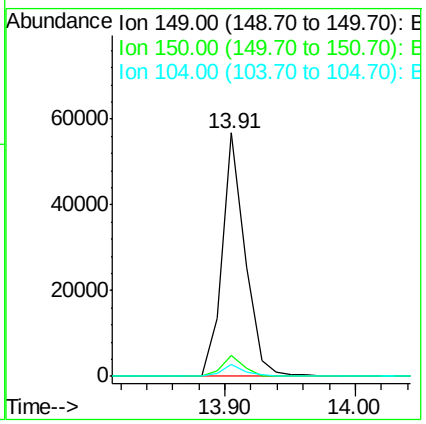




#73
Di-n-butylphthalate
Concen: 2.19 ng
RT: 13.91 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:149 Resp: 69421

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.8	11.6
104	4.9	3.9	5.9



Instrument :
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ClientSampleId :
SSTDICC02.5

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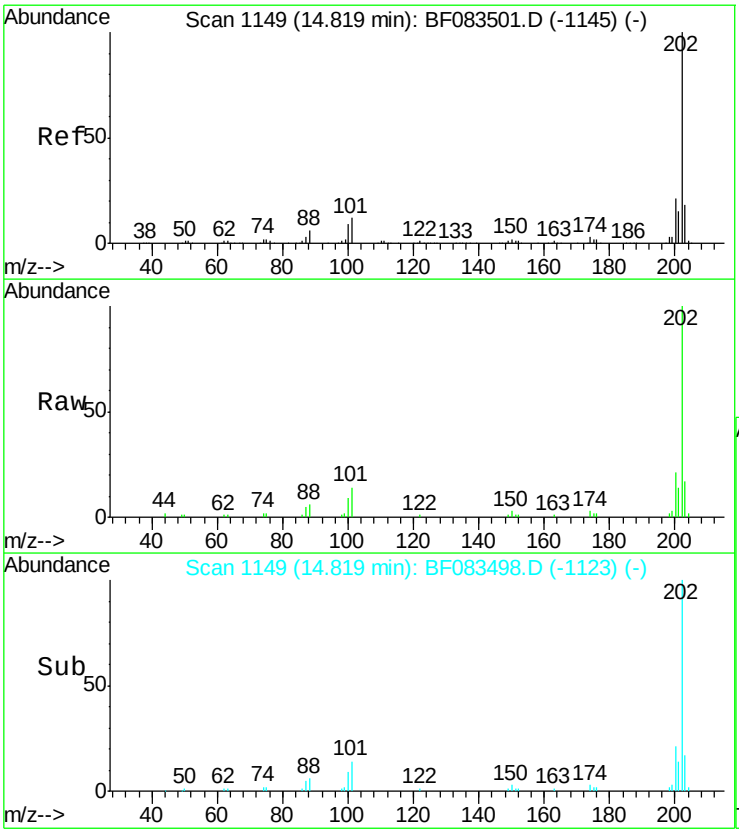
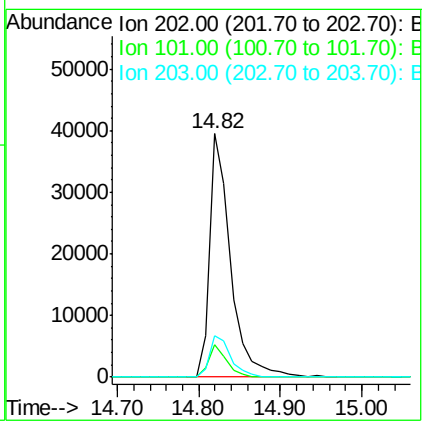
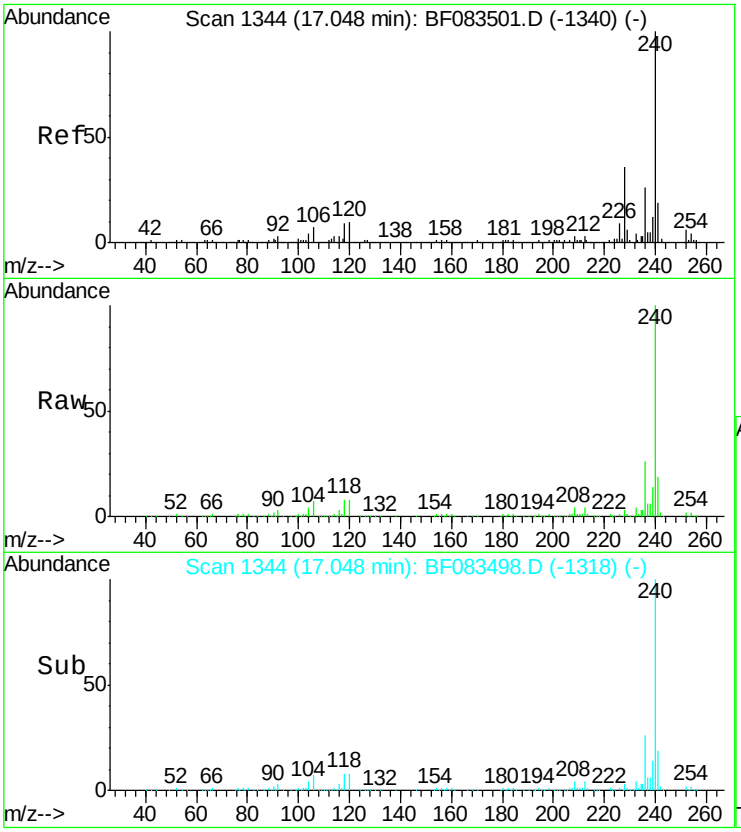


#74
Fluoranthene
Concen: 2.32 ng
RT: 14.82 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:202 Resp: 70652

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.5
203	17.1	0.0	37.6

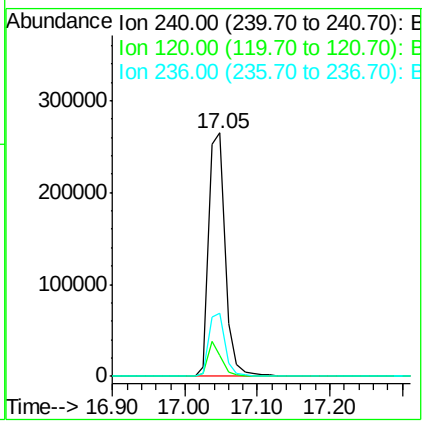




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.05 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:240 Resp: 420469

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.1	12.1
236	25.8	20.8	31.2



Instrument :
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ClientSampleId :
SSTDICC02.5

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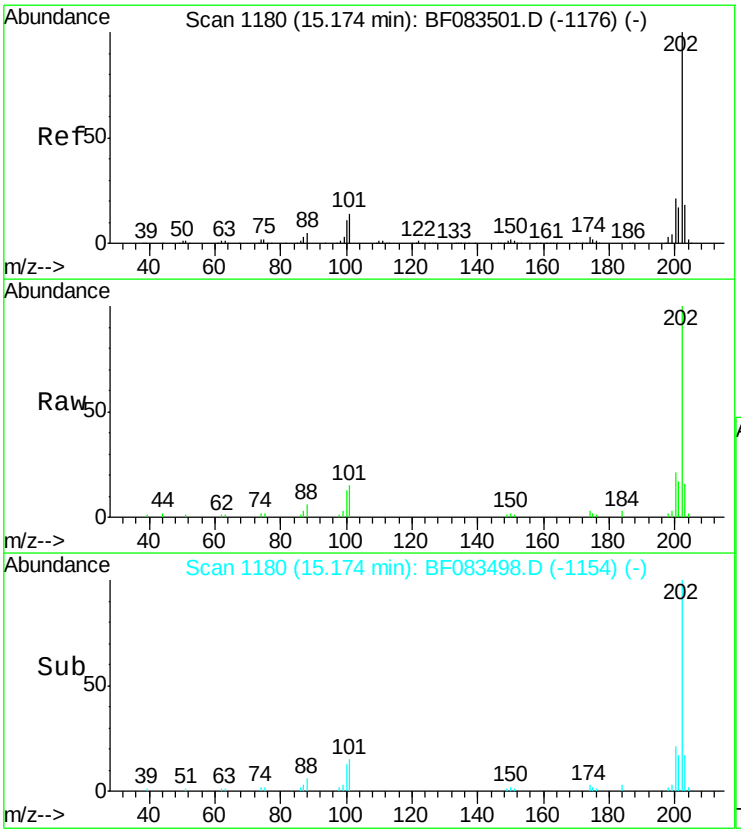
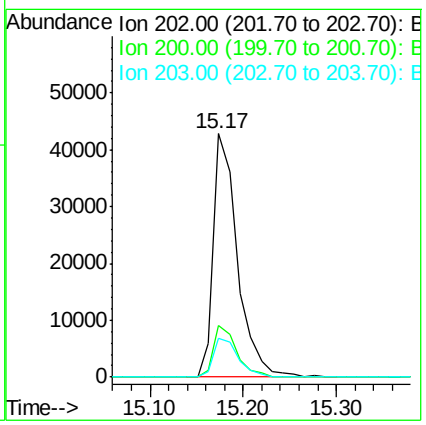
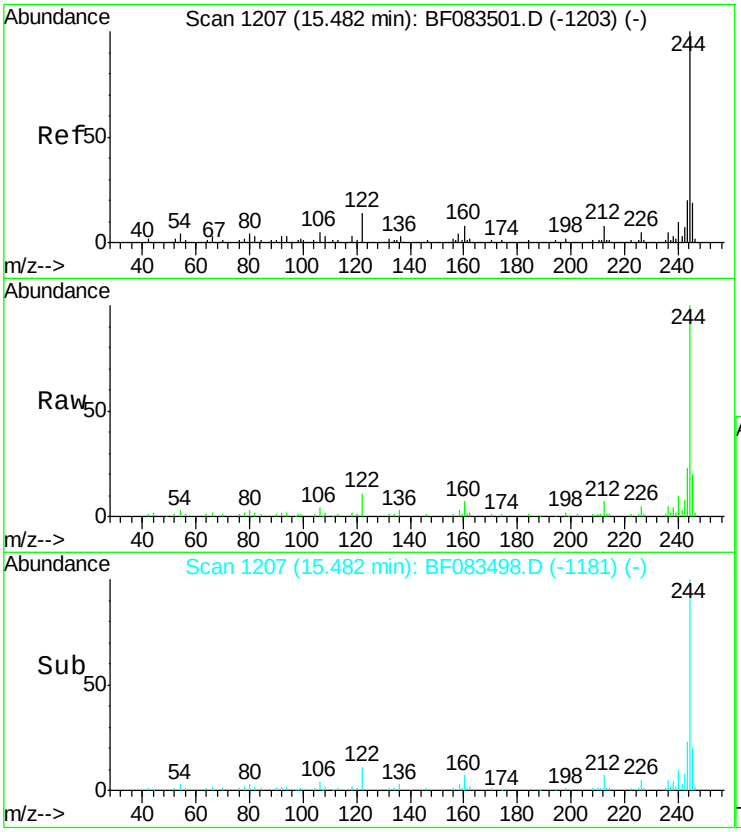


#77
Pyrene
Concen: 2.57 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:202 Resp: 76922

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	16.1	14.3	21.5

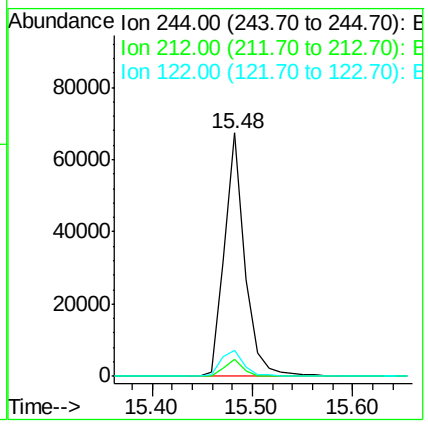




#78
Terphenyl-d14
Concen: 5.26 ng
RT: 15.48 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:244 Resp: 94910

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.7	11.0	16.6#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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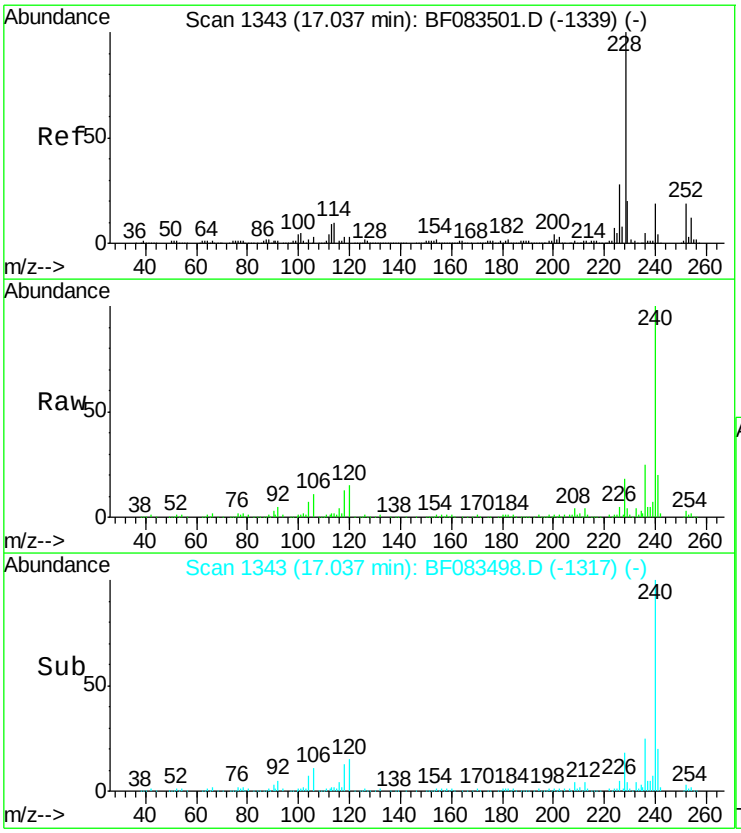
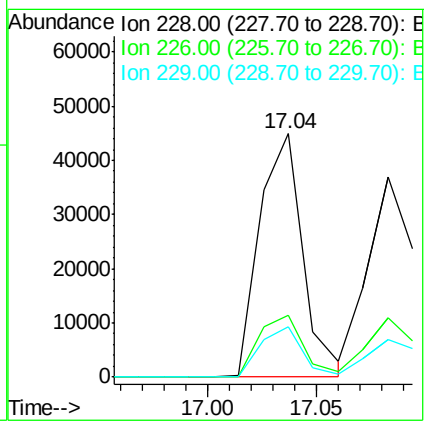
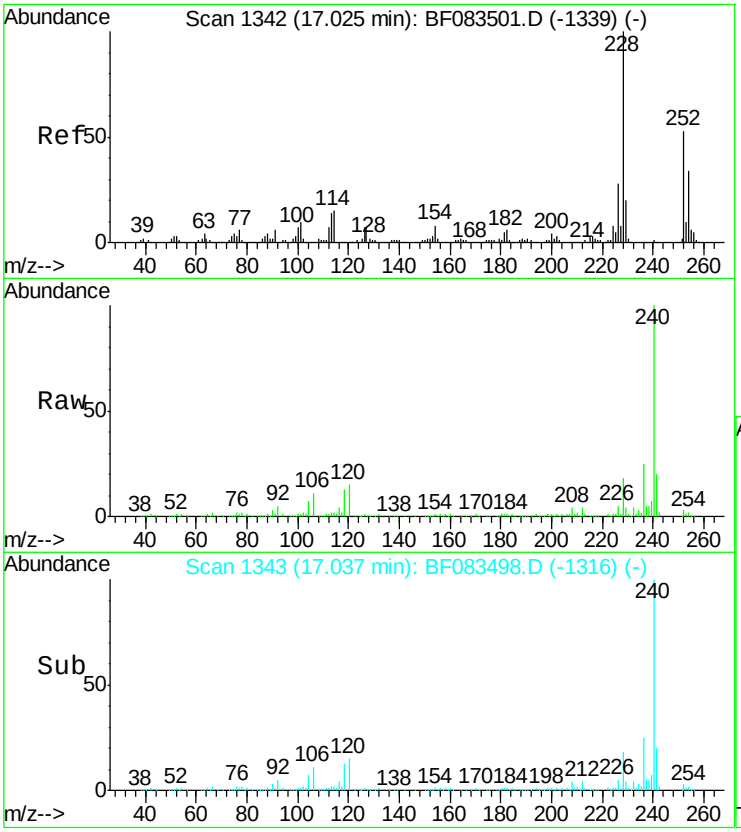


#80
Benzo(a)anthracene
Concen: 2.43 ng
RT: 17.04 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:228 Resp: 62544

Ion	Ratio	Lower	Upper
228	100		
226	25.4	22.3	33.5
229	20.7	15.7	23.5





#81
3,3'-Dichlorobenzidine
Concen: 2.05 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:252 Resp: 16613

Ion	Ratio	Lower	Upper
252	100		
254	67.2	50.6	76.0
126	21.9	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
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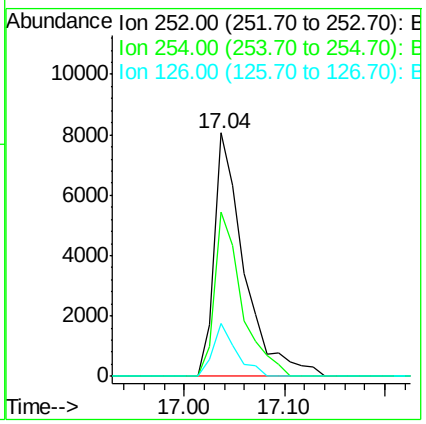
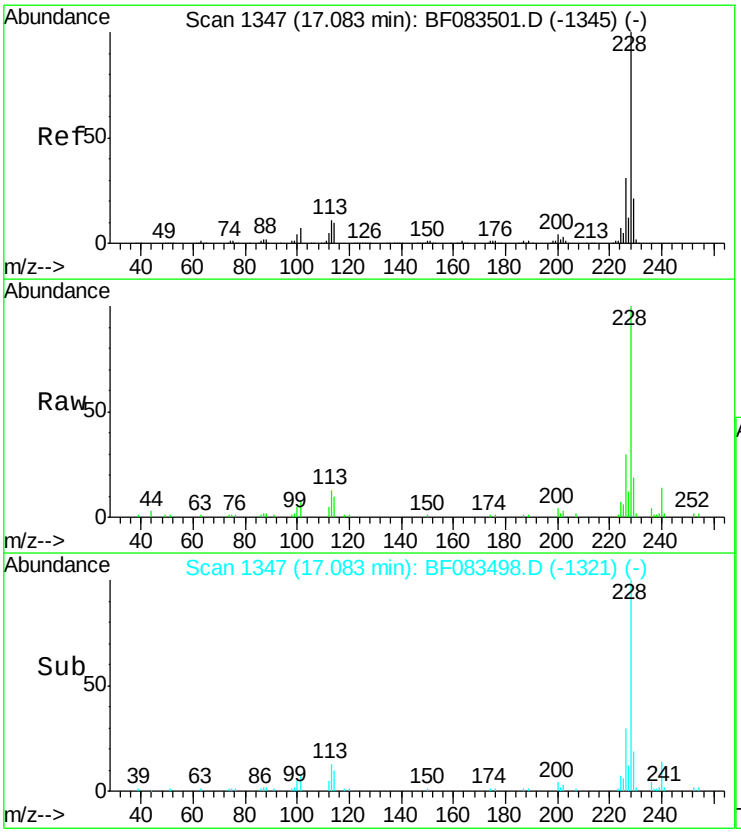
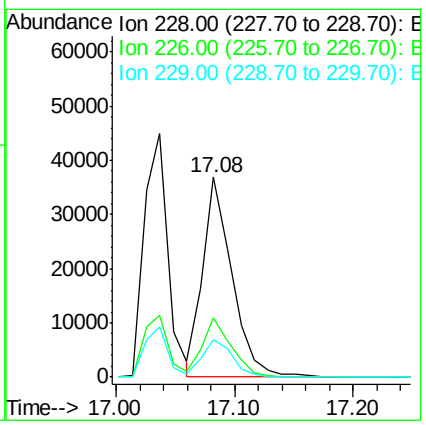


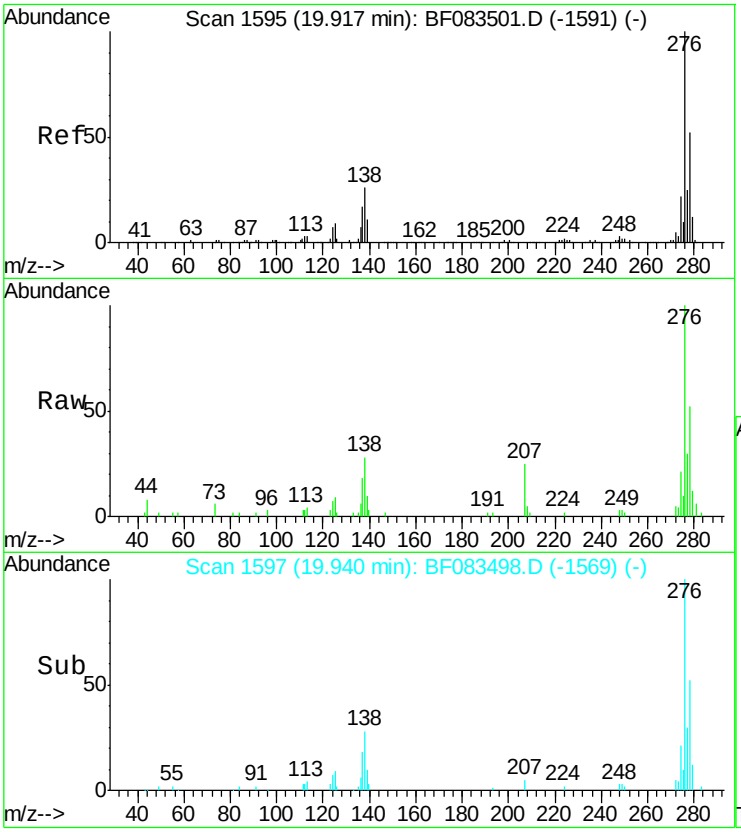


#82
Chrysene
Concen: 2.52 ng
RT: 17.08 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:228 Resp: 63228

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	18.6	16.3	24.5





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng
RT: 19.94 min Scan# 1597
Delta R.T. 0.02 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:276 Resp: 45270

Ion	Ratio	Lower	Upper
276	100		
138	26.2	0.0	0.0#
277	27.2	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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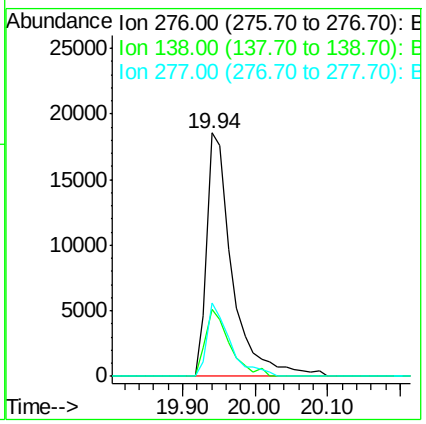
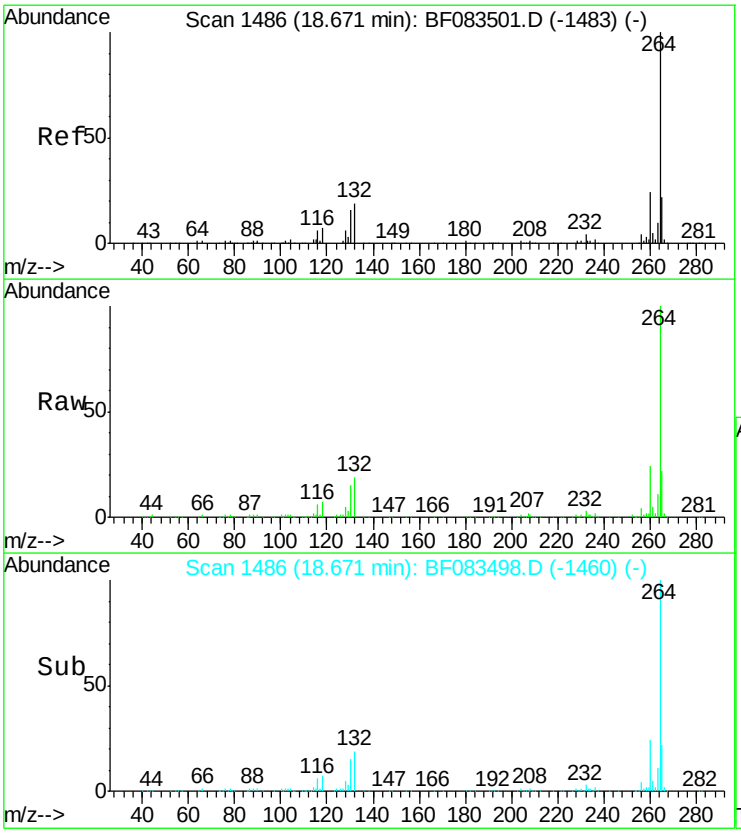
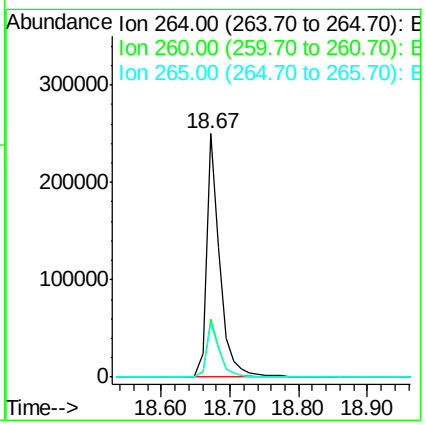


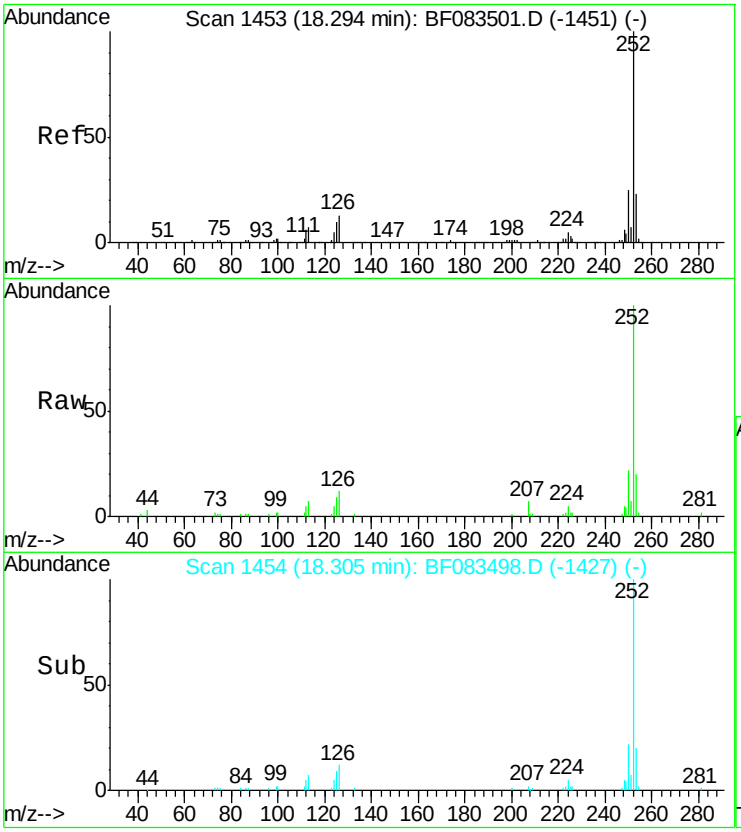


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:264 Resp: 333973

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.2	17.8	26.6

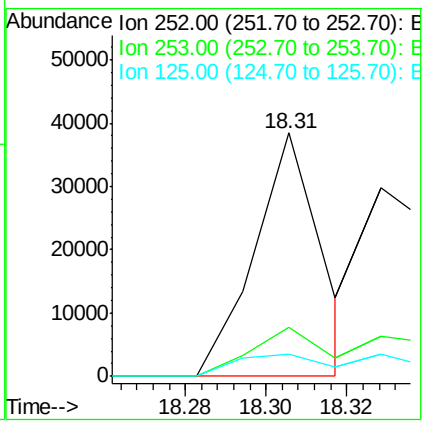




#87
Benzo(b)fluoranthene
Concen: 2.08 ng m
RT: 18.31 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:252 Resp: 44084

Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.2	27.4
125	9.1	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
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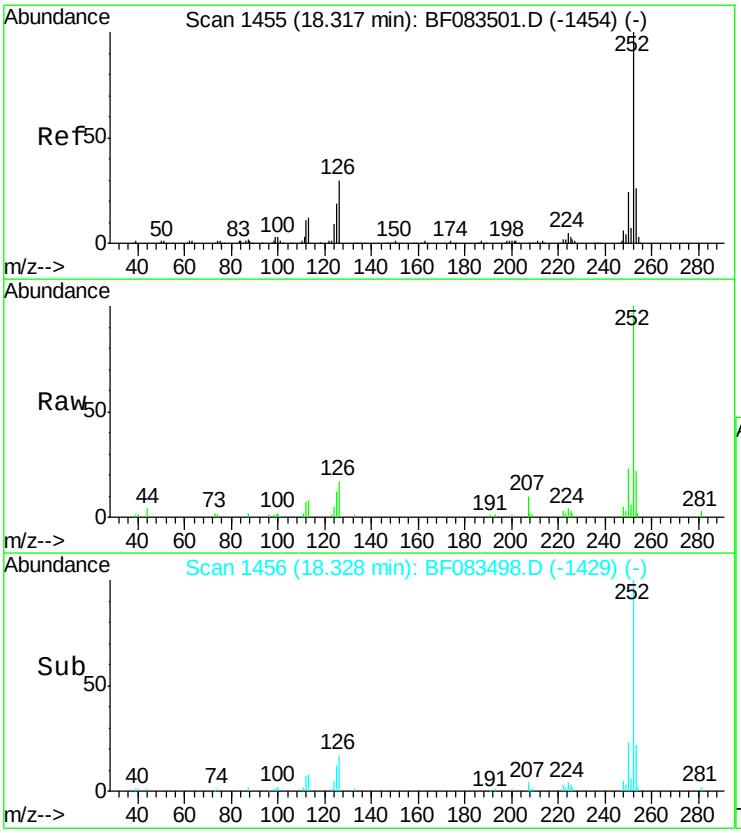
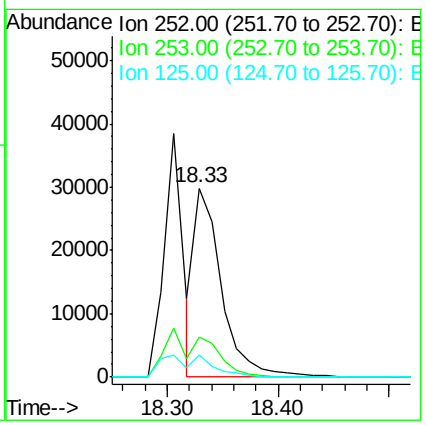
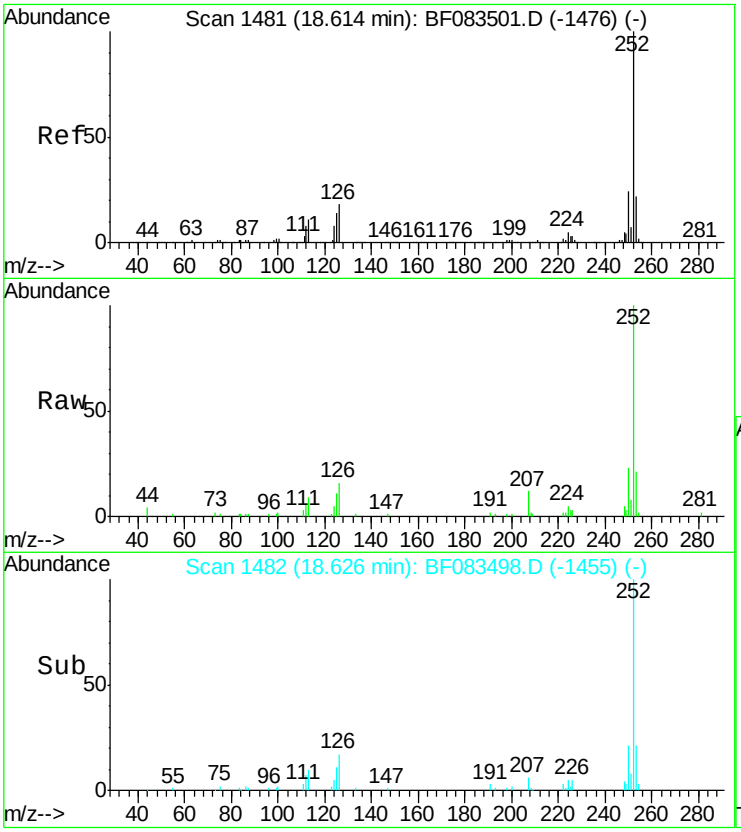


#88
Benzo(k)fluoranthene
Concen: 2.56 ng m
RT: 18.33 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:252 Resp: 51896

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.6	27.8
125	11.7	11.5	17.3

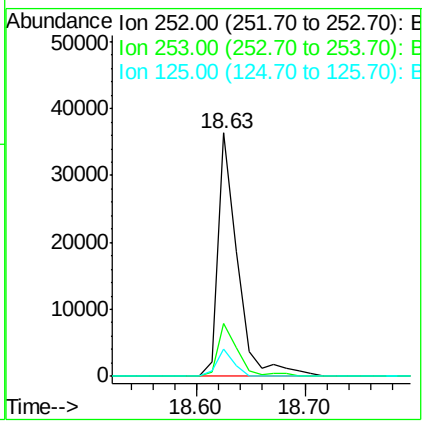




#89
Benzo(a)pyrene
Concen: 2.46 ng
RT: 18.63 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:252 Resp: 45414

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.3	11.0	16.6



Instrument :
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ClientSampleId :
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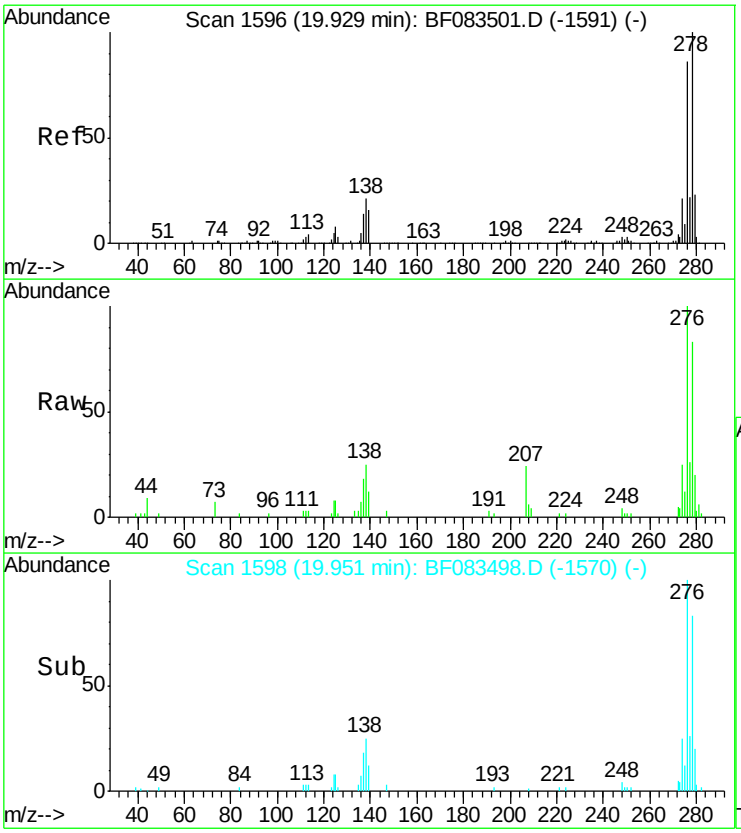
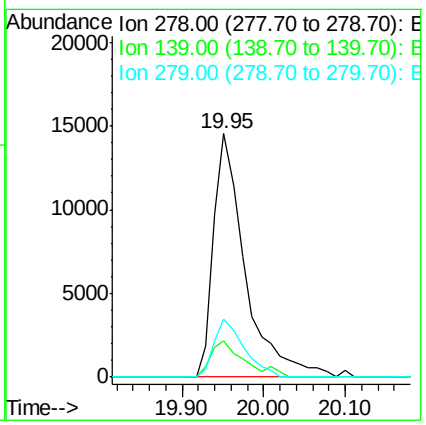
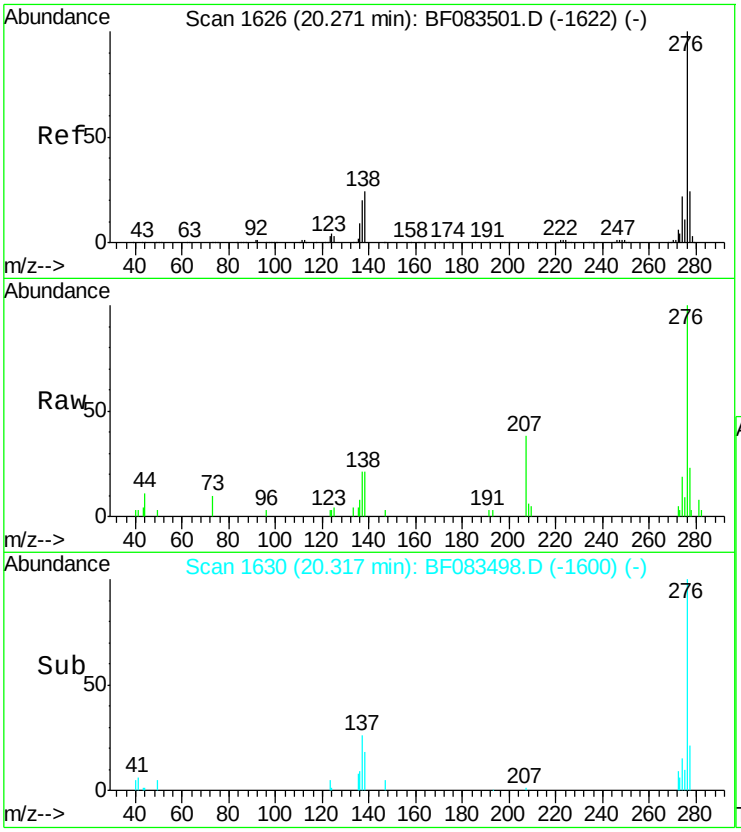


#90
Dibenzo(a,h)anthracene
Concen: 2.38 ng
RT: 19.95 min Scan# 1598
Delta R.T. 0.02 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:278 Resp: 39209

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.8	19.2
279	23.9	18.6	28.0

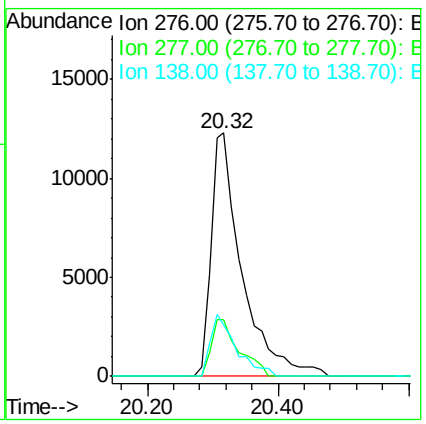




#91
Benzo(g,h,i)perylene
Concen: 2.49 ng
RT: 20.32 min Scan# 1630
Delta R.T. 0.05 min
Lab File: BF083498.D
Acq: 4 Dec 2015 23:24

Tgt Ion:276 Resp: 40566

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	21.4	19.5	29.3



Instrument :
BNA_F
ClientSampleId :
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