Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108184.D
Acq On : 15 Aug 2018 23:51
Operator : JU/SJ
Sample : J3822-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NFB-BF-SS005-01

Quant Time: Aug 16 01:53:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	195963	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	733880	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	346675	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	566524	20.00	ng	0.00
75) Chrysene-d12	14.21	240	399944	20.00	ng	-0.01
86) Perylene-d12	15.77	264	399974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1111185	102.66	ng	0.02
7) Phenol-d6	6.64	99	1704884	118.53	ng	0.00
23) Nitrobenzene-d5	7.58	82	1132194	86.09	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	424260	122.69	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2177207	100.83	ng	0.00
78) Terphenyl-d14	13.15	244	1873601	119.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	160185	16.469	ng	# 85
25) Isophorone	7.58	82	1124419	44.856	ng	# 64
32) Benzoic acid	8.30	122	108	5.989	ng	# 1
49) Dimethylphthalate	9.76	163	75873	3.142	ng	# 99
53) 2,4-Dinitrophenol	10.29	184	109	7.073	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	217	5.449	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	28944	4.701	ng	# 1

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

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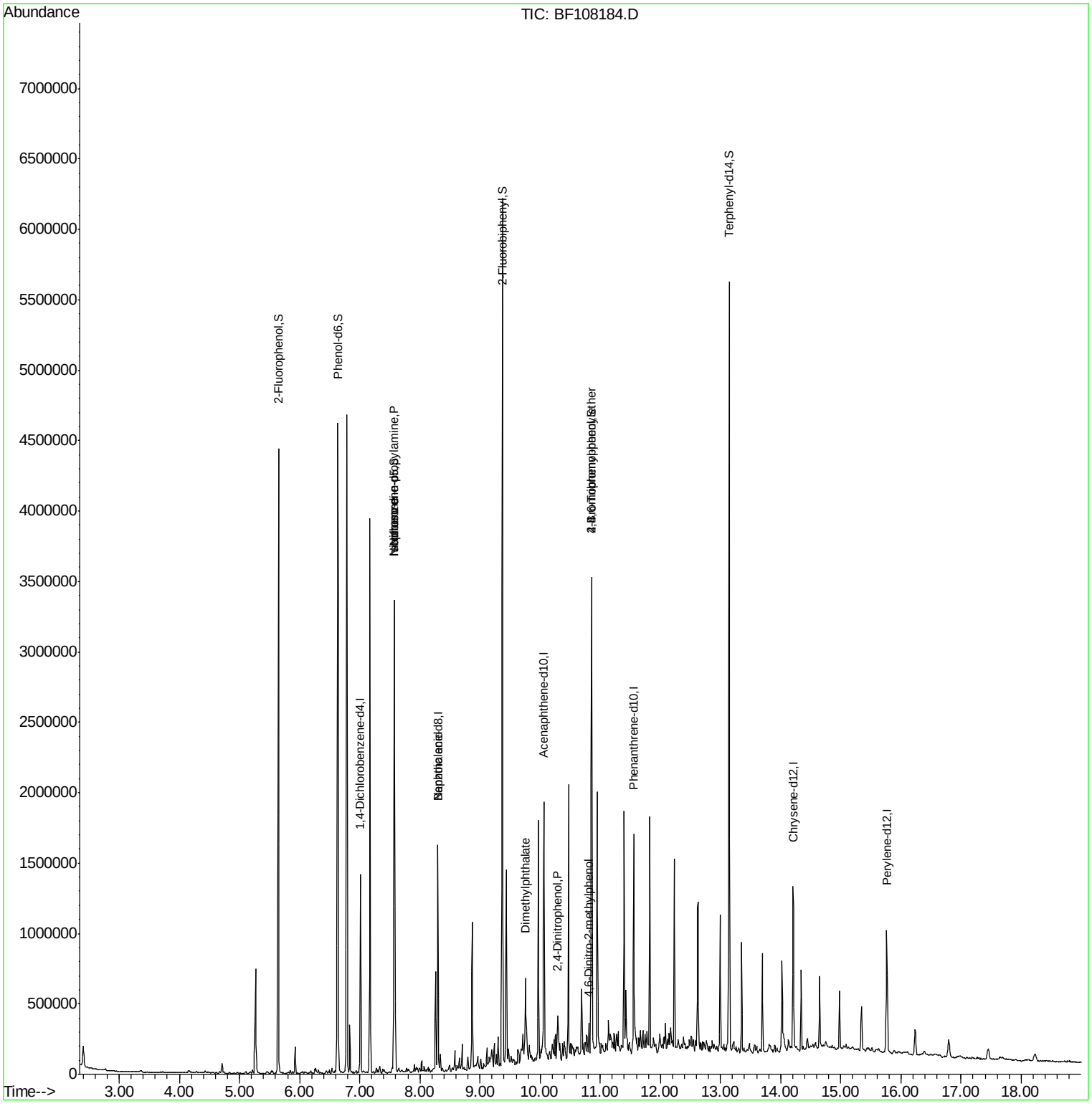
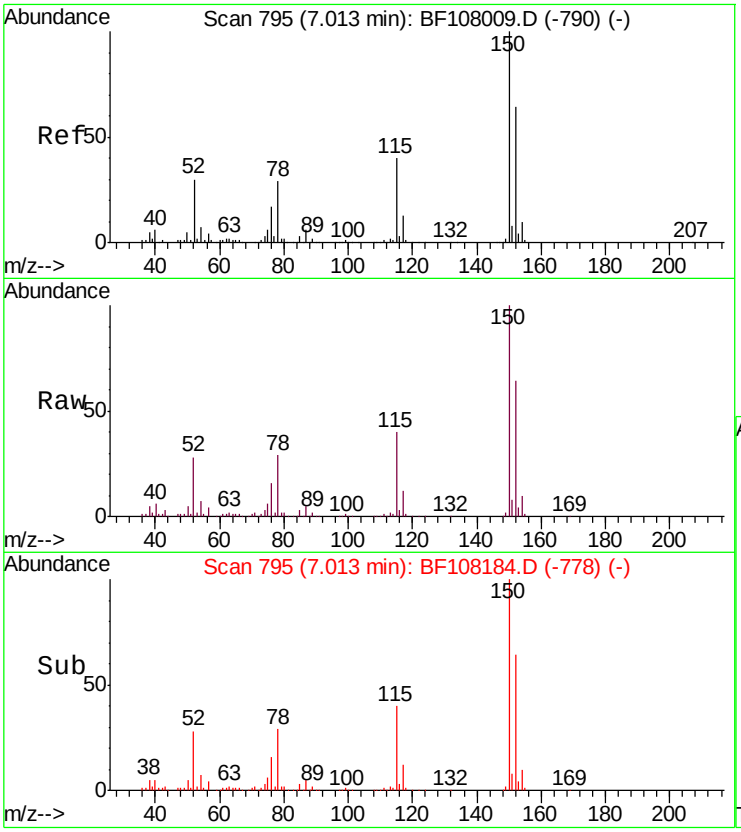


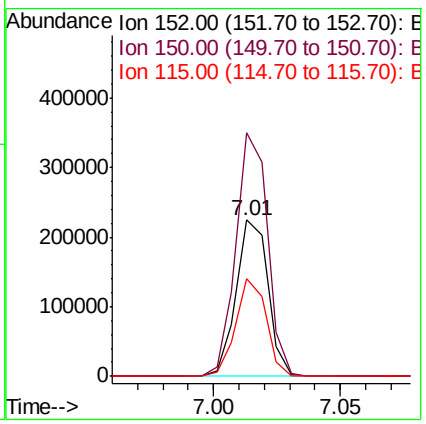


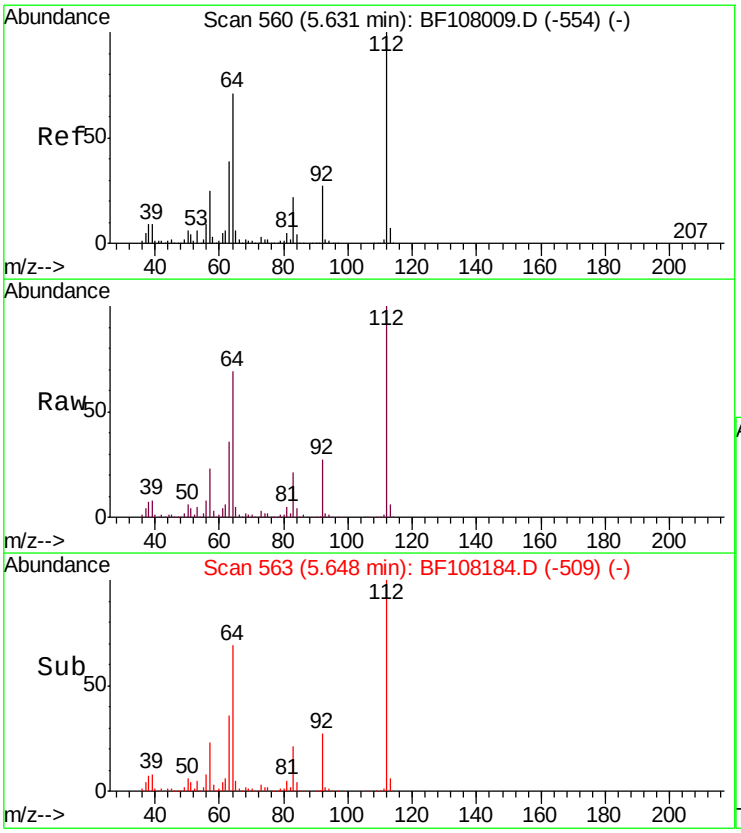
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:152 Resp: 195963

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.4	50.1	75.1

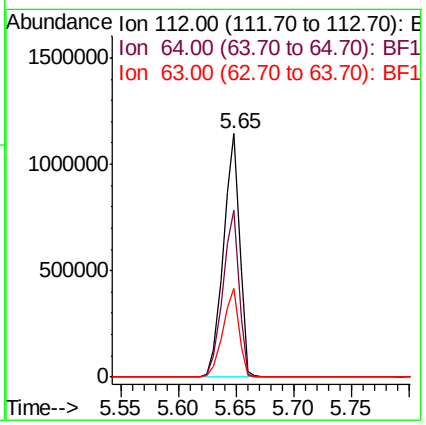


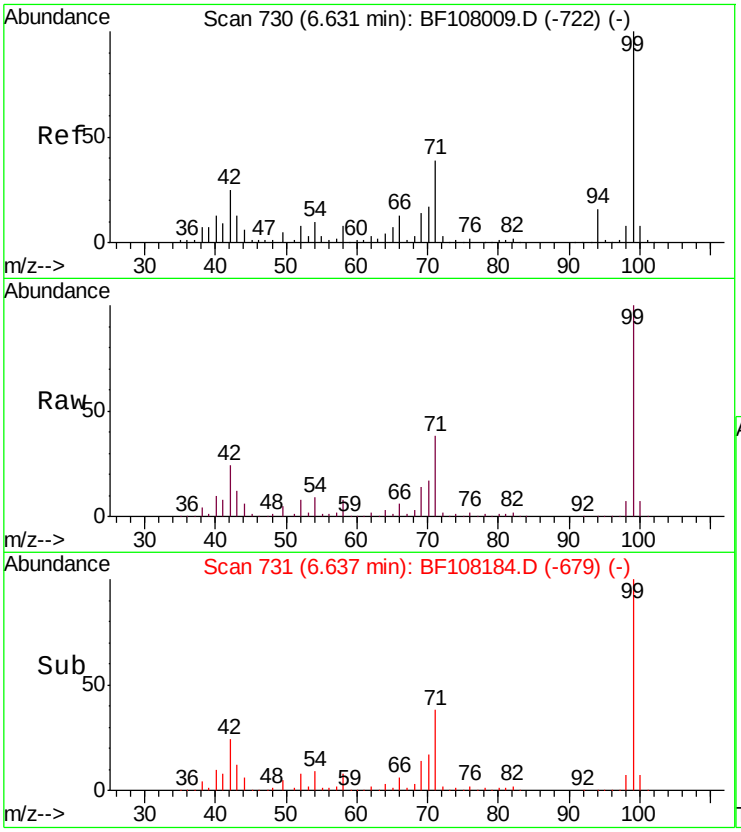


#5
2-Fluorophenol
Concen: 102.660 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:112 Resp: 1111185

Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	36.5	23.7	35.5#



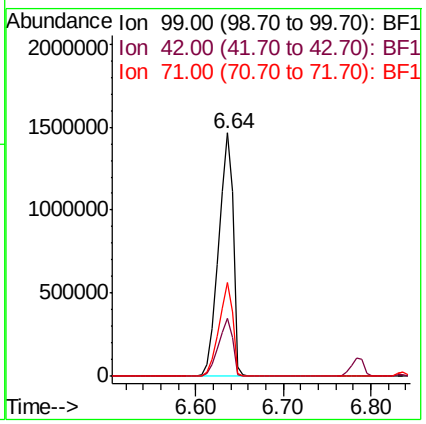


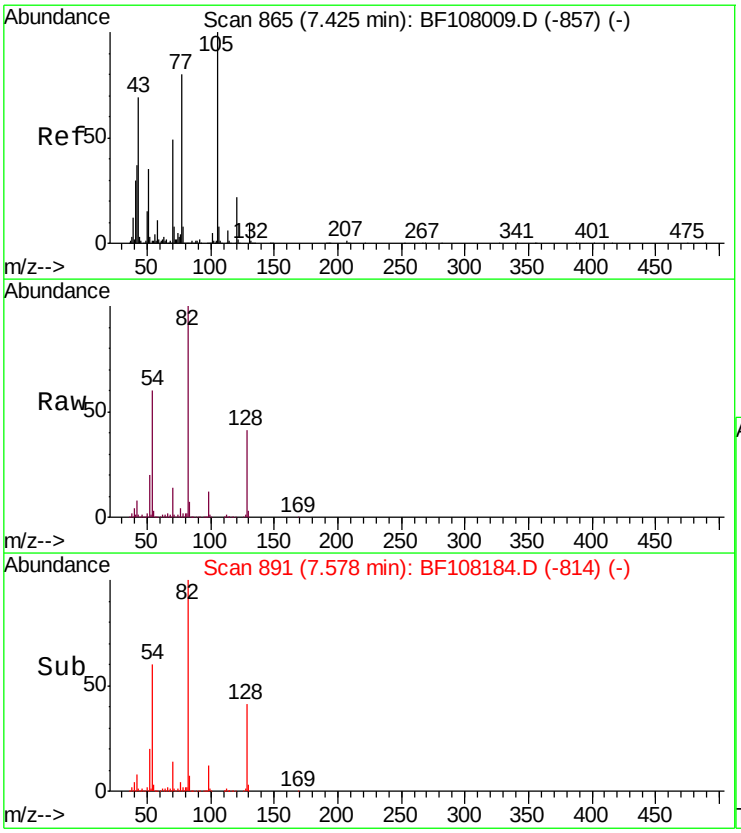
#7
Phenol-d6
Concen: 118.530 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion: 99 Resp: 1704884

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	38.5	25.4	38.0#

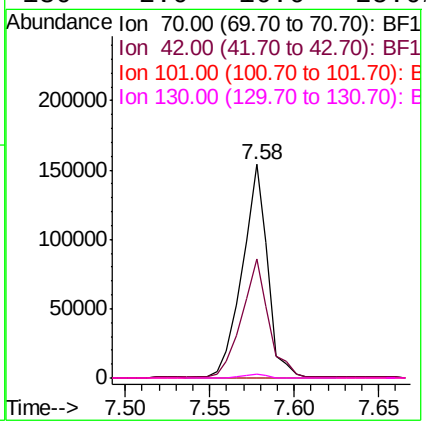


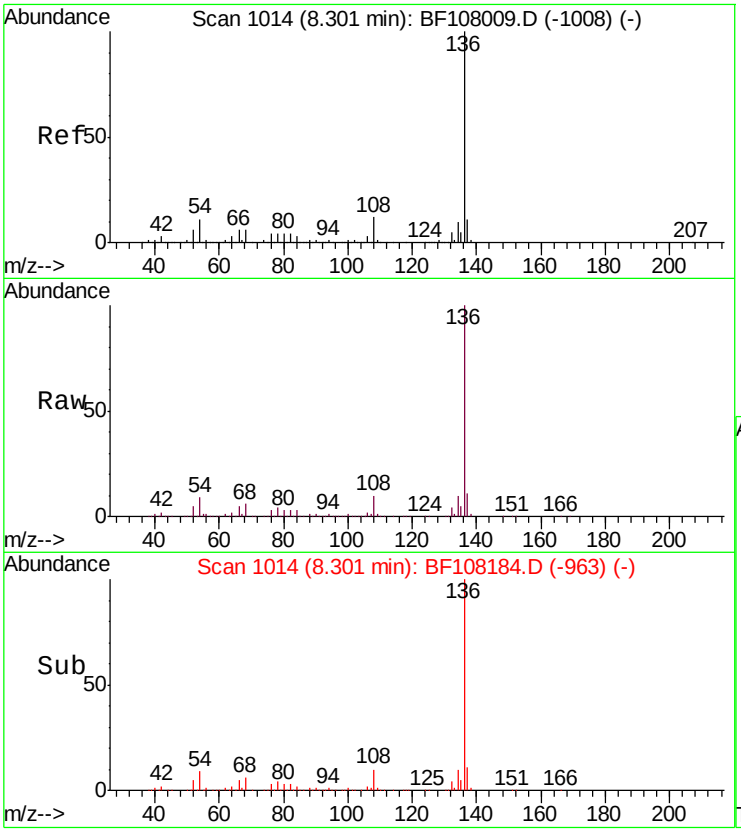


#19
n-Nitroso-di-n-propylamine
Concen: 16.469 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion: 70 Resp: 160185

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



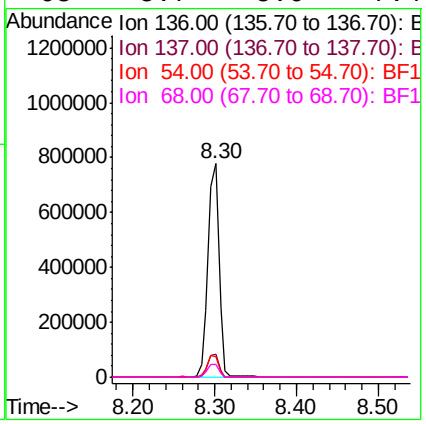


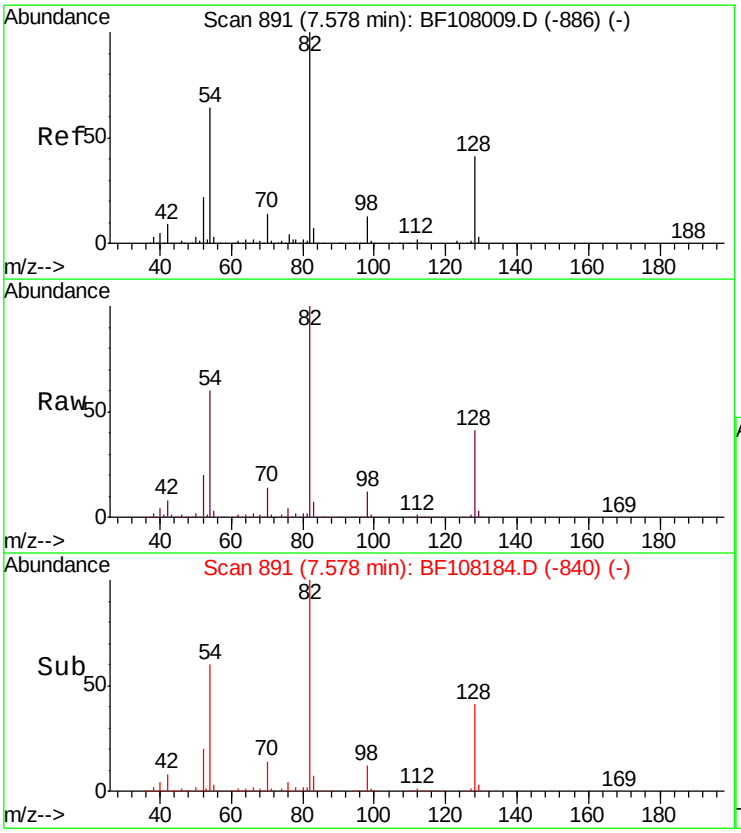
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:136 Resp: 733880

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.7	5.0	7.4

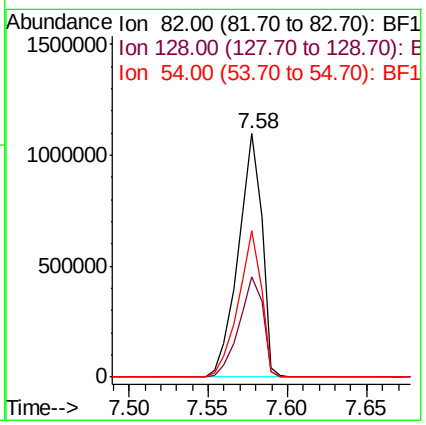


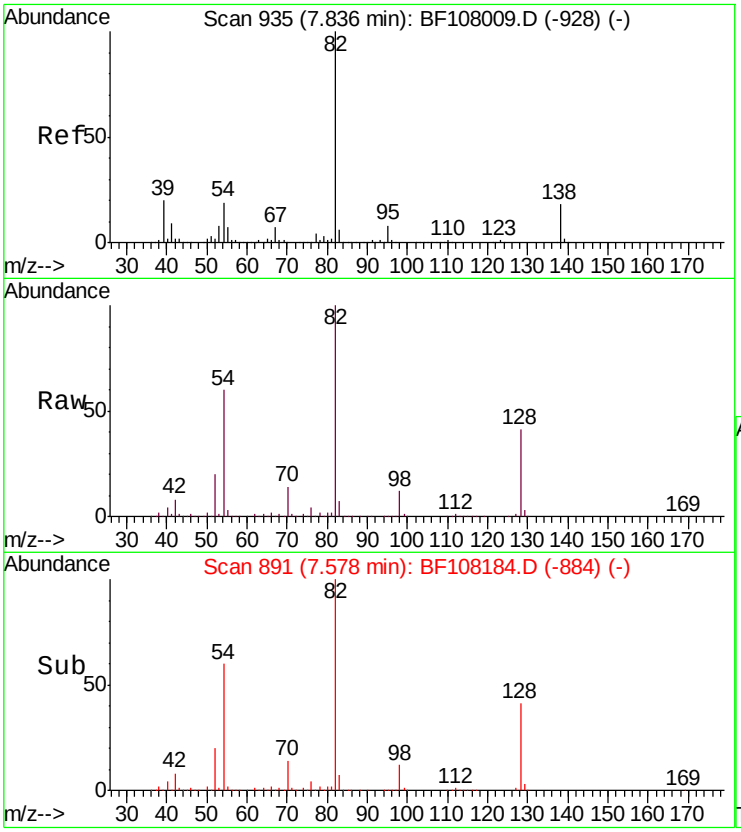


#23
Nitrobenzene-d5
Concen: 86.088 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion: 82 Resp: 1132194

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	60.1	41.4	62.2



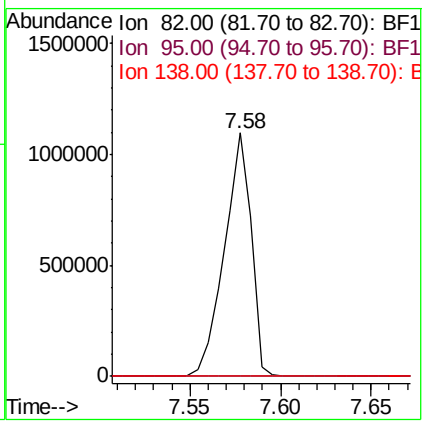


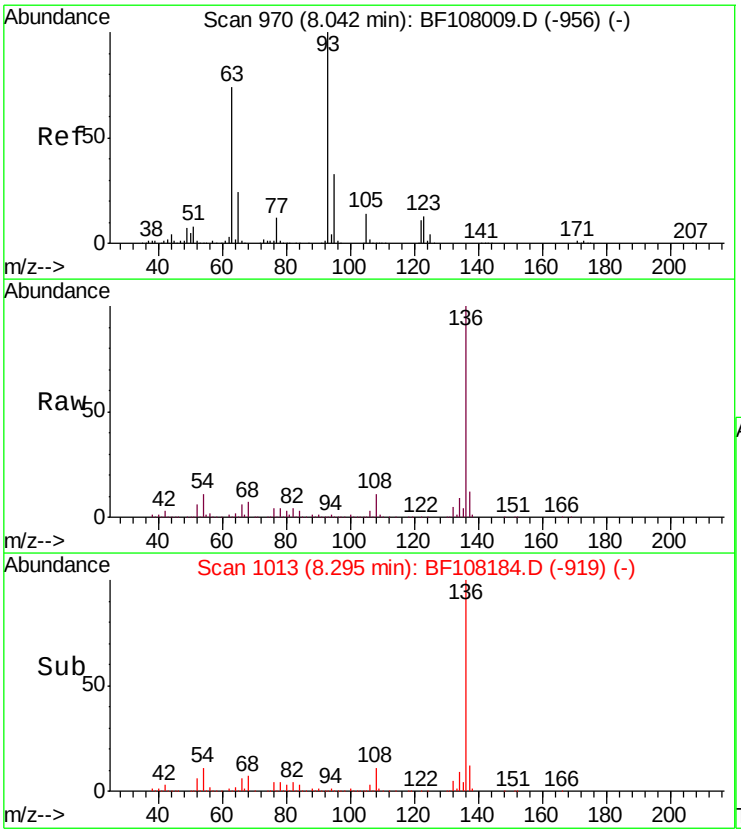
#25
Isophorone
Concen: 44.856 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion: 82 Resp: 1124419

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

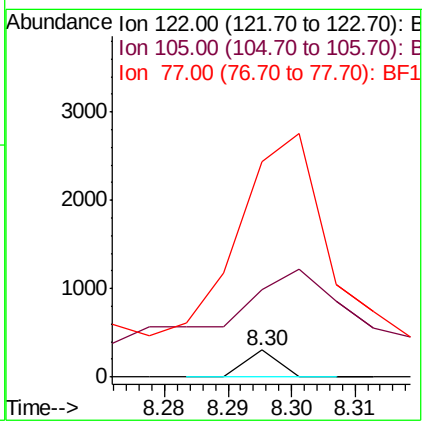


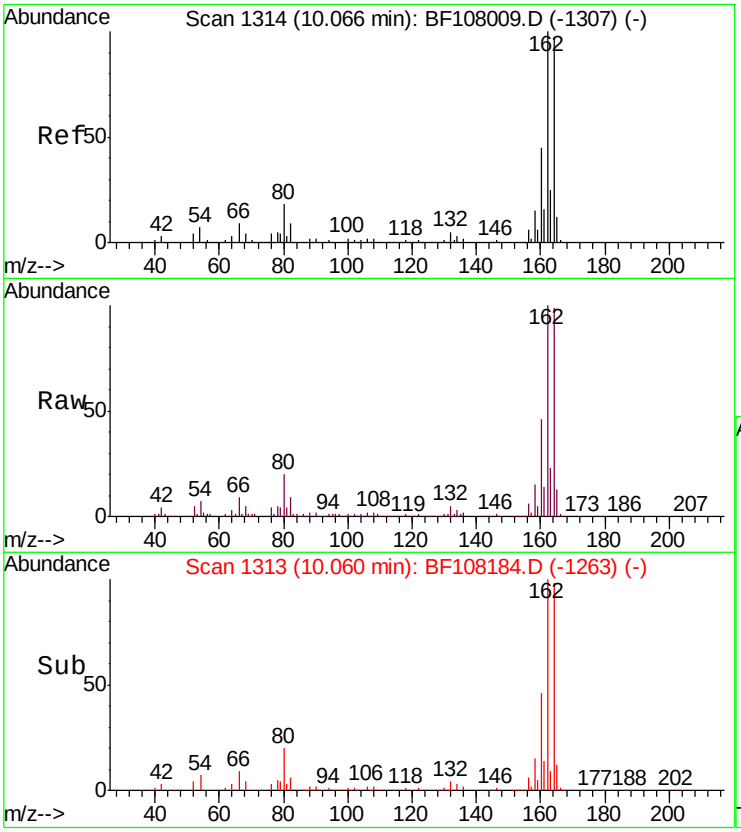


#32
Benzoic acid
Concen: 5.989 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.25 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	324.2	101.1	141.1#
77	796.1	70.7	110.7#



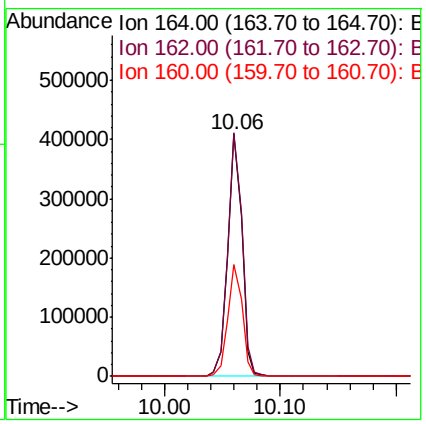


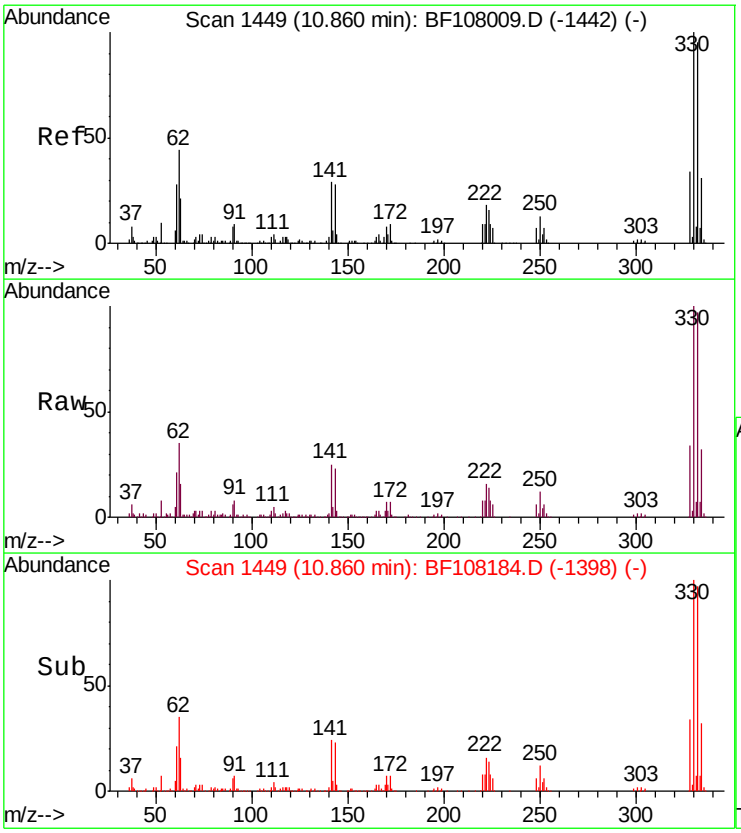
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:164 Resp: 346675

Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	46.0	38.3	57.5

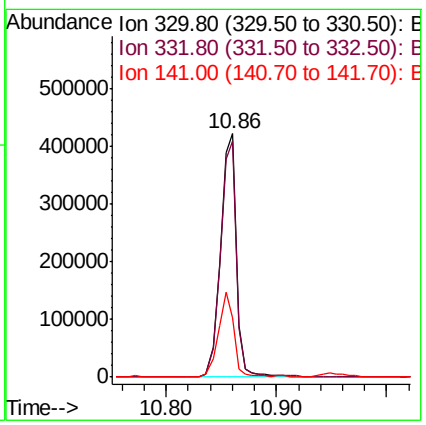


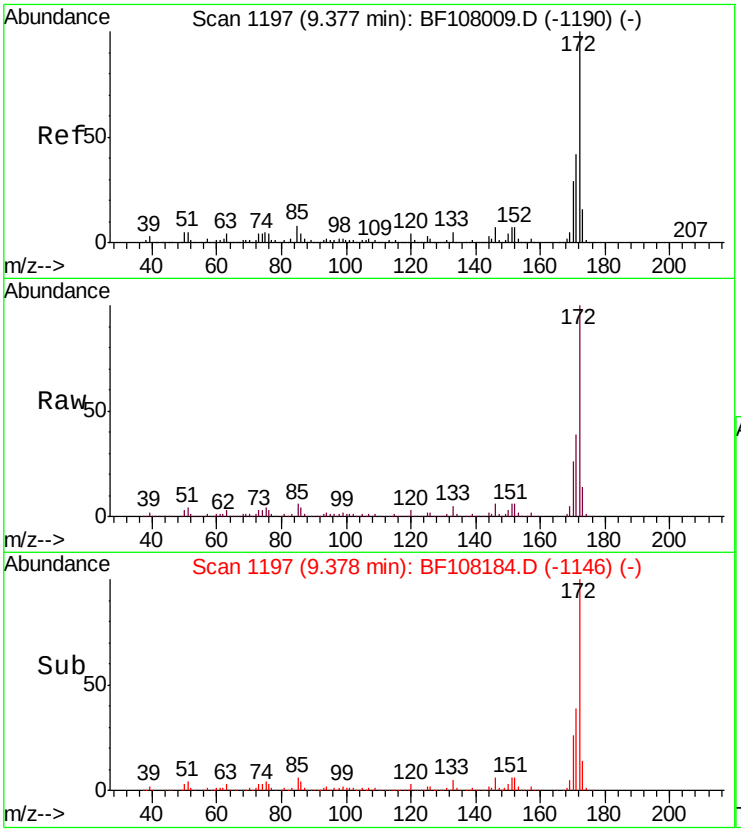


#41
2,4,6-Tribromophenol
Concen: 122.690 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:330 Resp: 424260

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.2	29.9	44.9



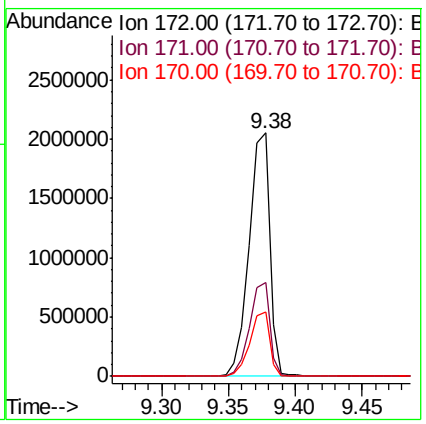


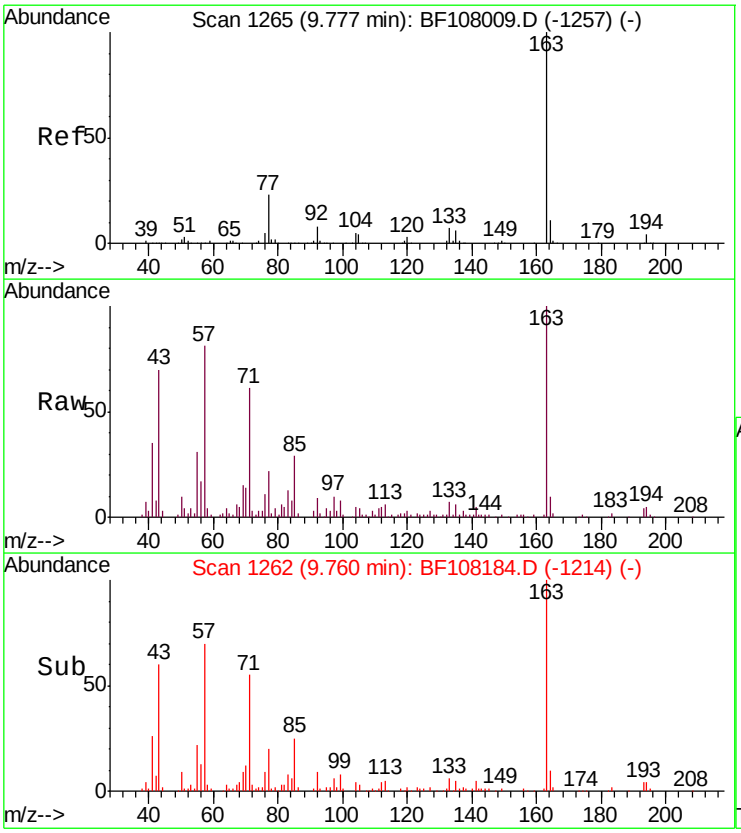
#44
2-Fluorobiphenyl
Concen: 100.828 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:172 Resp: 2177207

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	26.3	19.6	29.4

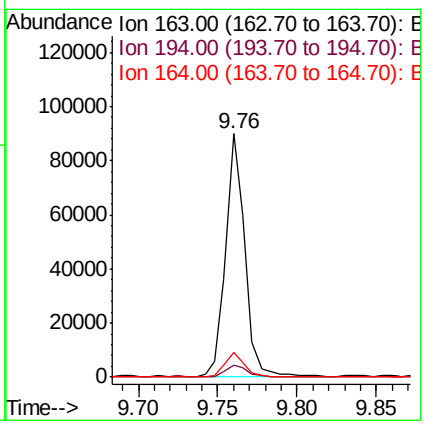


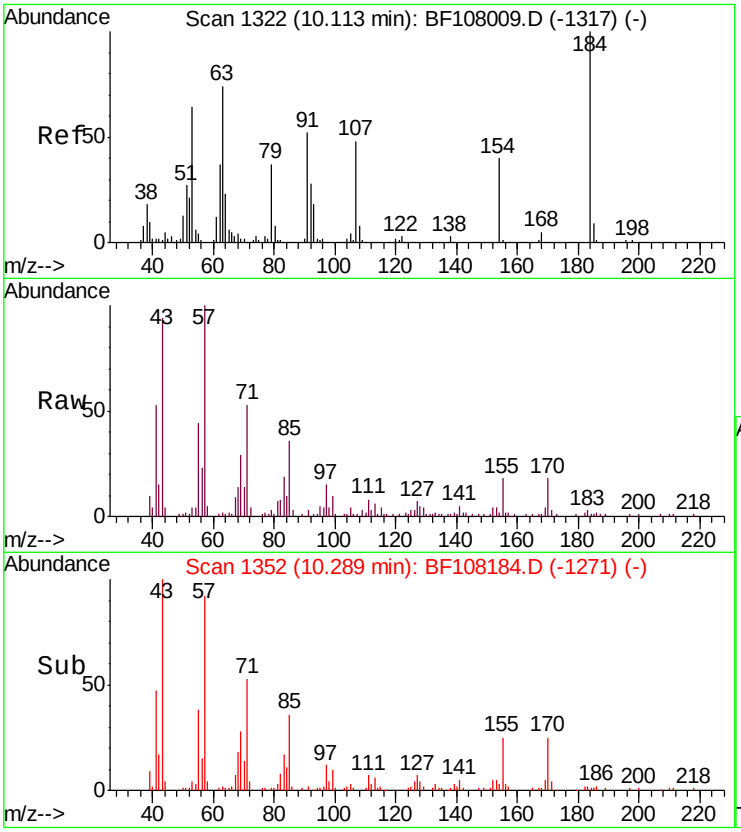


#49
Dimethylphthalate
Concen: 3.142 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:163 Resp: 75873

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	10.0	8.2	12.2



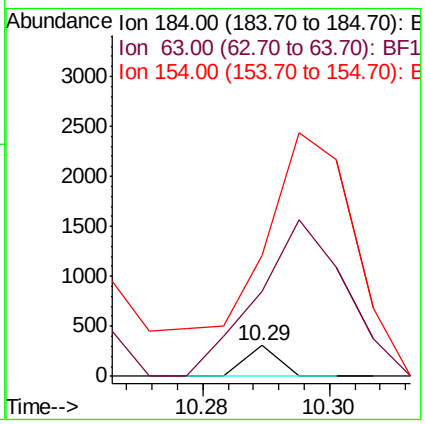


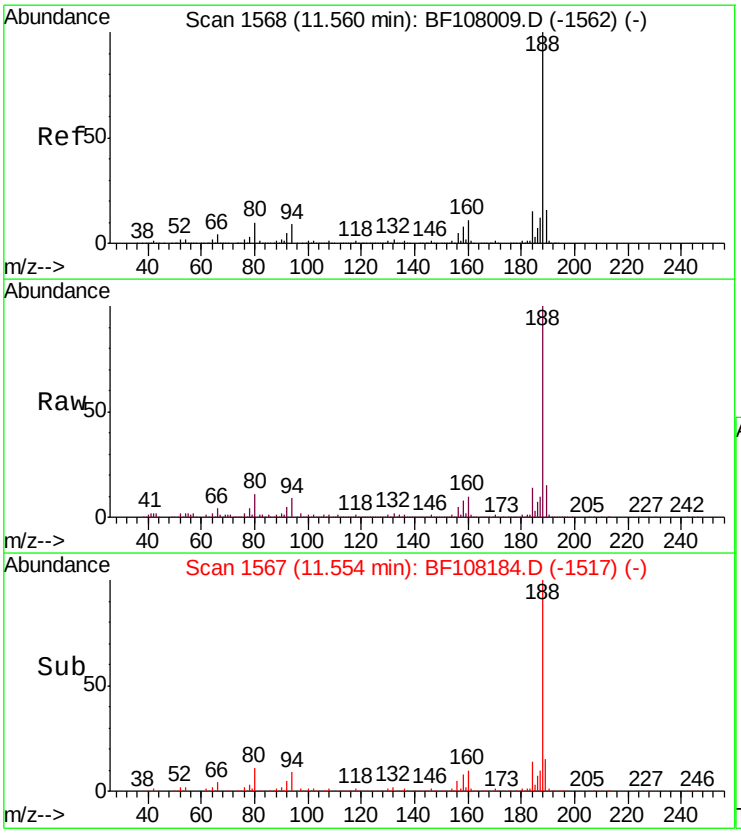
#53
2,4-Dinitrophenol
Concen: 7.073 ng
RT: 10.29 min Scan# 1352
Delta R.T. 0.18 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	273.1	54.2	81.2#
154	389.3	184.0	276.0#

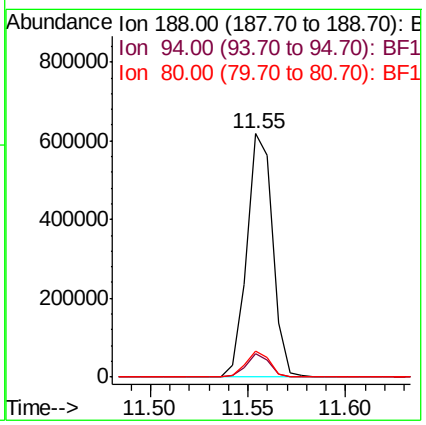


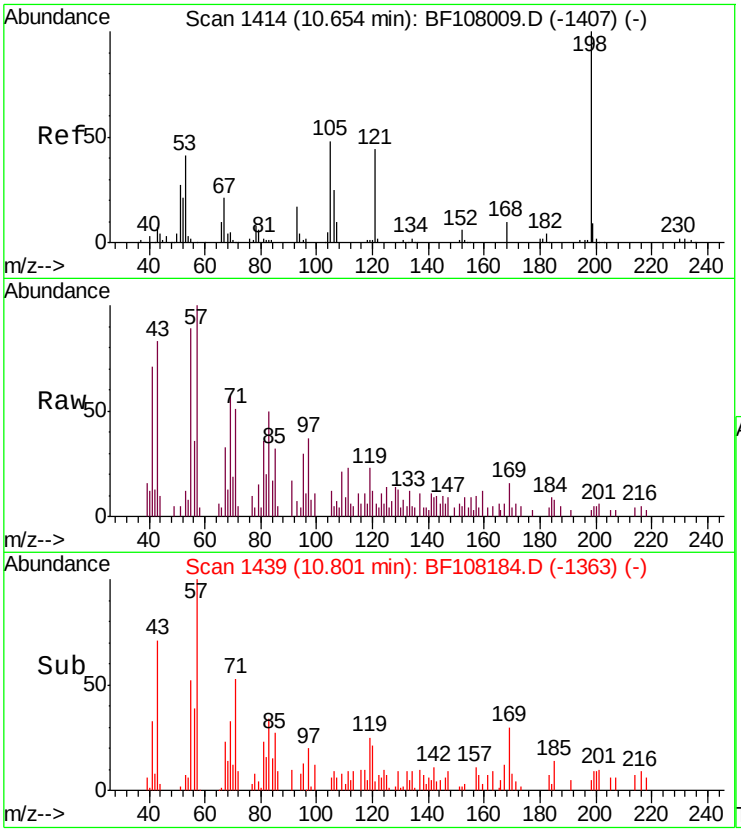


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:188 Resp: 566524

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.7	9.2	13.8



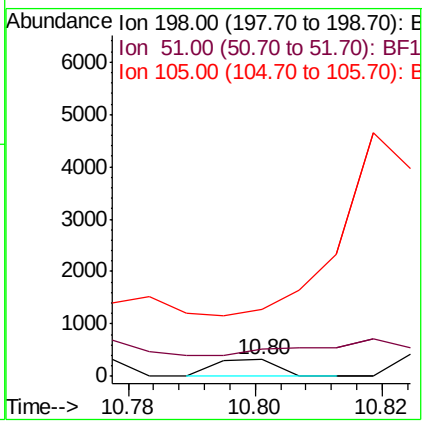


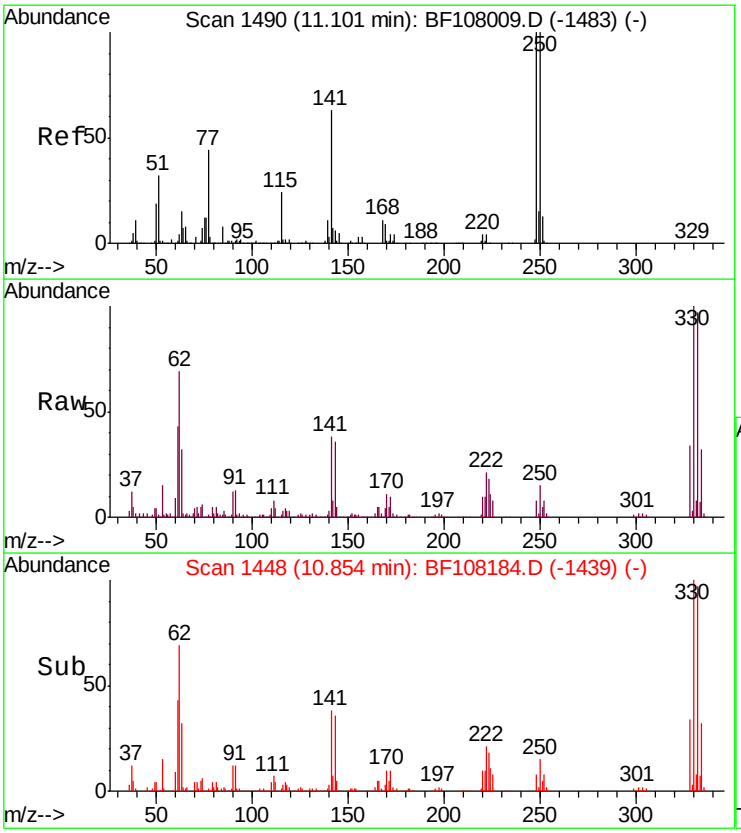
#64
4,6-Dinitro-2-methylphenol
Concen: 5.449 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.15 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:198 Resp: 217

Ion	Ratio	Lower	Upper
198	100		
51	168.8	37.7	77.7#
105	407.6	36.3	76.3#

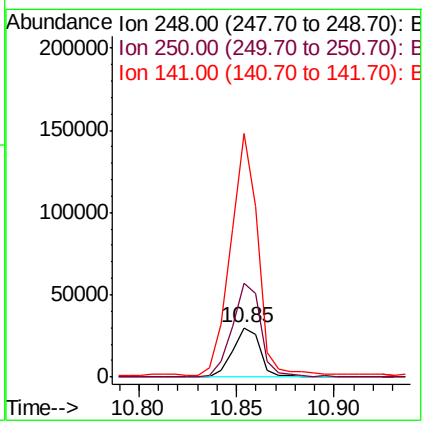


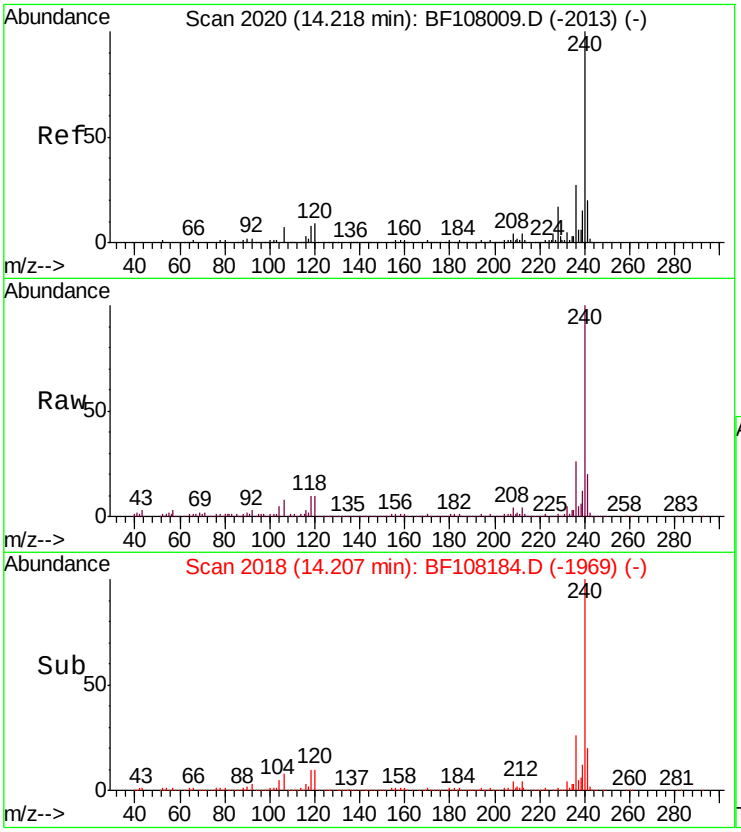


#66
4-Bromophenyl-phenylether
Concen: 4.701 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:248 Resp: 28944

Ion	Ratio	Lower	Upper
248	100		
250	190.8	76.9	115.3#
141	495.6	74.4	111.6#



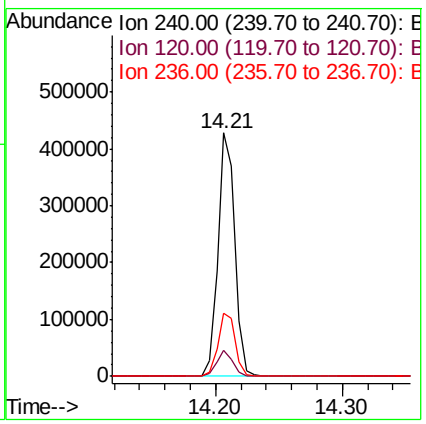


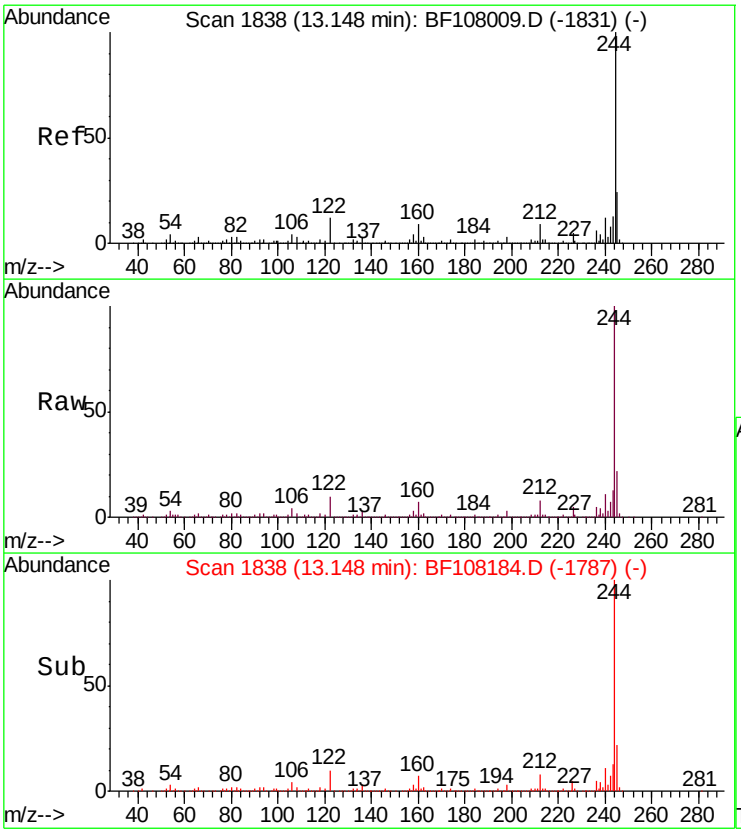
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:240 Resp: 399944

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.1	20.7	31.1

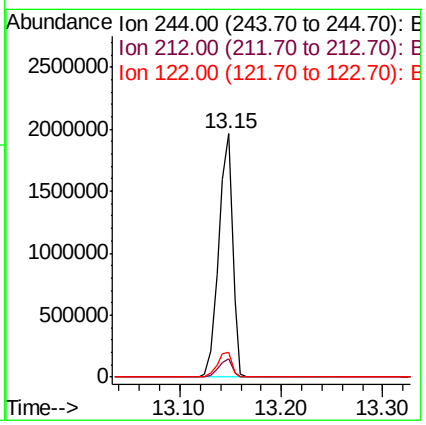


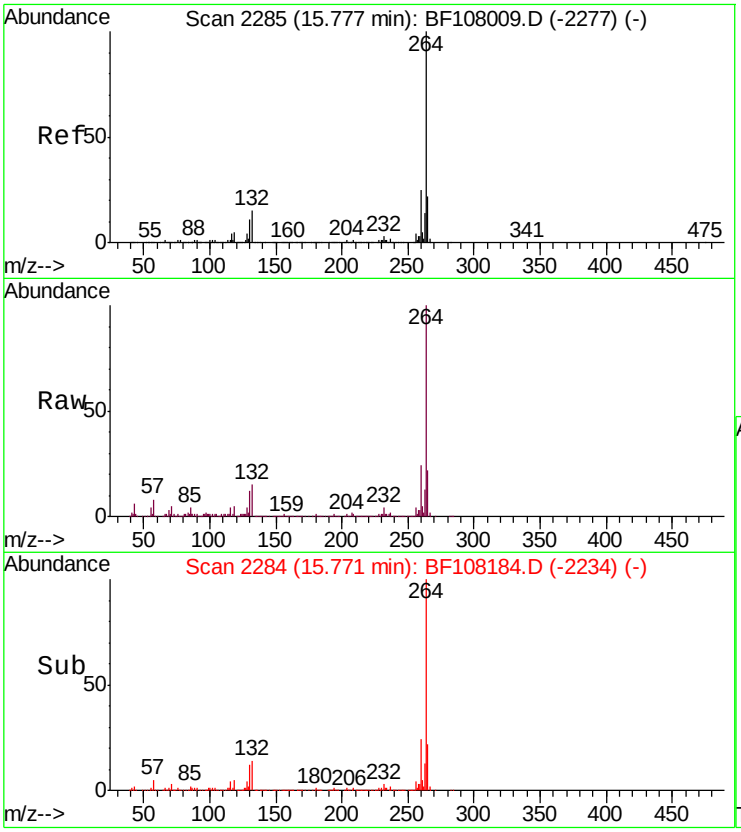


#78
Terphenyl-d14
Concen: 119.111 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:244 Resp: 1873601

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	10.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tgt Ion:264 Resp: 399974

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3