Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108198.D
Acq On : 16 Aug 2018 16:42
Operator : JU/SJ
Sample : J4269-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 16 18:19:06 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	172581	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	615829	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	277570	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	434125	20.00	ng		0.00
75) Chrysene-d12	14.21	240	415401	20.00	ng		0.00
86) Perylene-d12	15.77	264	391126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	825429	86.59	ng		0.00
7) Phenol-d6	6.64	99	1118860	88.33	ng		0.00
23) Nitrobenzene-d5	7.58	82	739092	66.97	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	237646	85.83	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1282350	74.17	ng		0.00
78) Terphenyl-d14	13.14	244	1029587	63.02	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	98278	11.473	ng	#	85
25) Isophorone	7.58	82	735826	34.981	ng	#	64
49) Dimethylphthalate	9.76	163	138334	7.155	ng		99
56) 2,4-Dinitrotoluene	10.06	165	36025	6.919	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.85	198	405	5.579	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	15179	3.217	ng	#	1
70) Phenanthrene	11.58	178	42894	2.095	ng		99
74) Fluoranthene	12.78	202	90021	4.028	ng		95
77) Pyrene	13.01	202	87315	3.320	ng		99
80) Benzo(a)anthracene	14.20	228	54966	2.306	ng		96
82) Chrysene	14.24	228	50014	2.288	ng		97
87) Benzo(b)fluoranthene	15.30	252	85091	3.641	ng	#	92
88) Benzo(k)fluoranthene	15.30	252	85091	3.961	ng	#	95
89) Benzo(a)pyrene	15.70	252	47101	2.251	ng		98

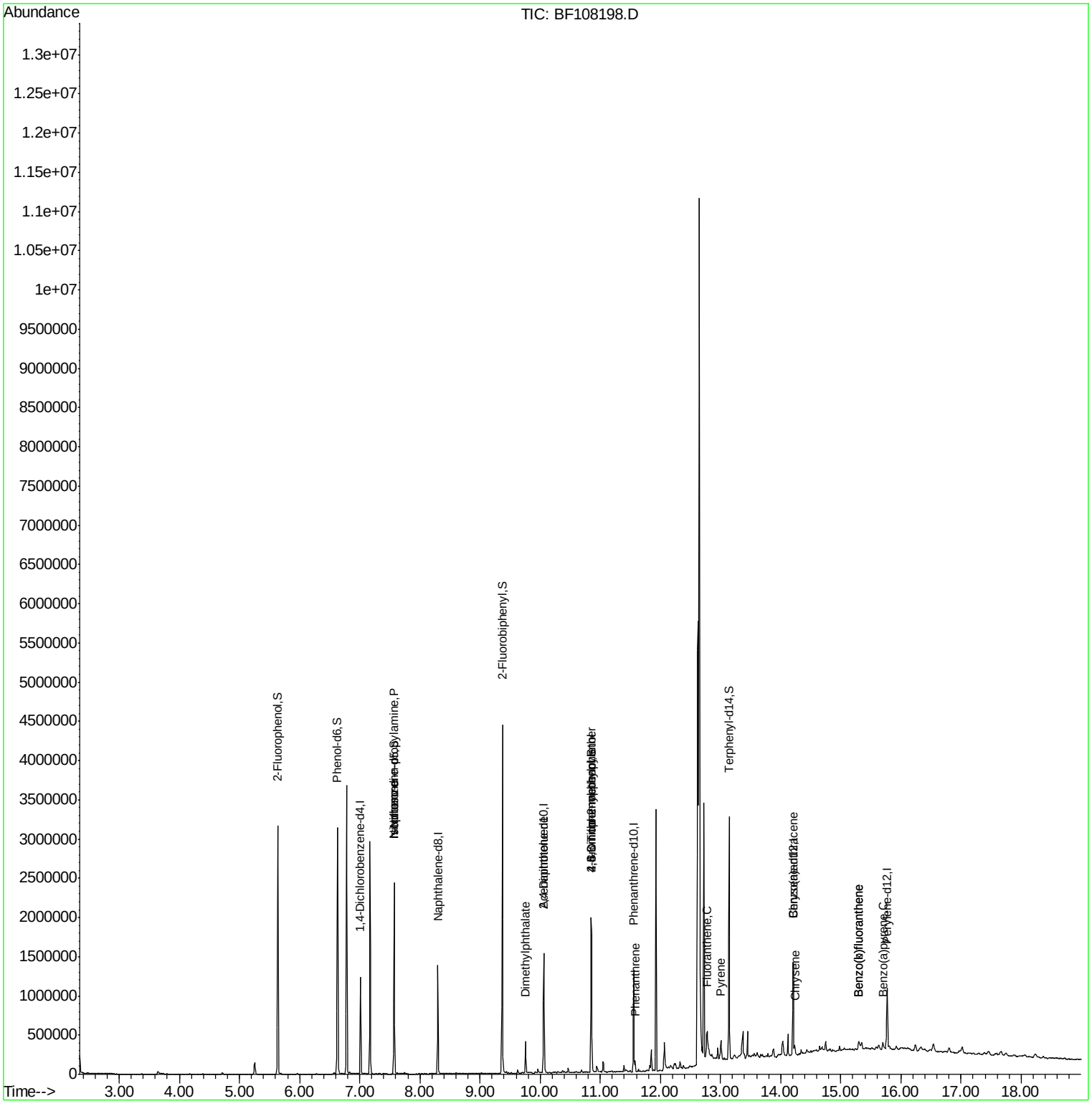
(#) = qualifier out of range (m) = manual integration (+) = signals summed

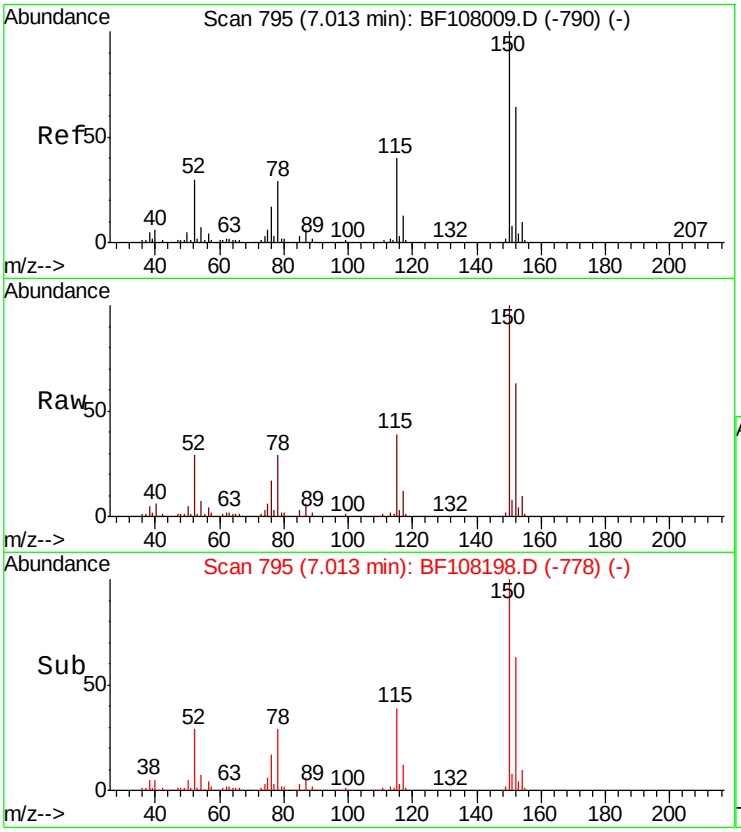
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108198.D
Acq On : 16 Aug 2018 16:42
Operator : JU/SJ
Sample : J4269-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 16 18:19:06 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



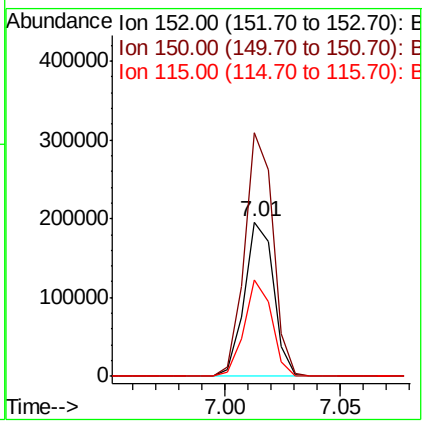


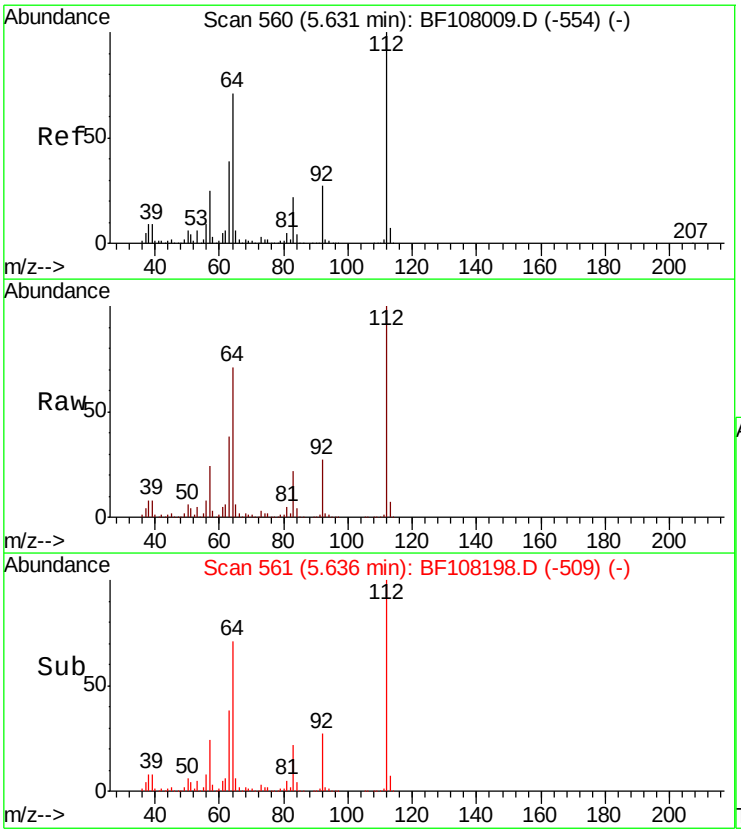
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172581

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	62.2	50.1	75.1

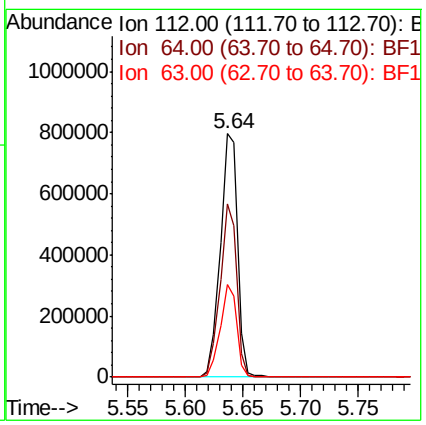


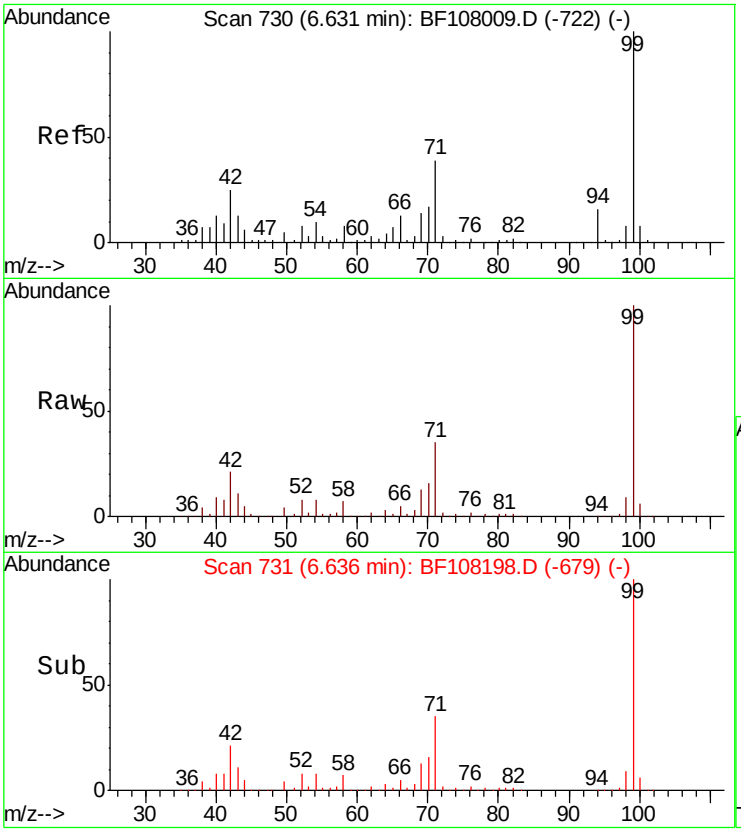


#5
2-Fluorophenol
Concen: 86.591 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:112 Resp: 825429

Ion	Ratio	Lower	Upper
112	100		
64	71.4	47.9	71.9
63	37.8	23.7	35.5#



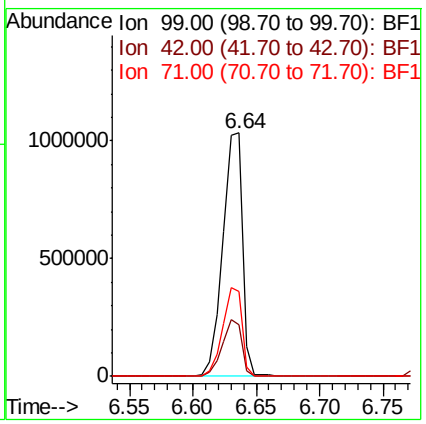


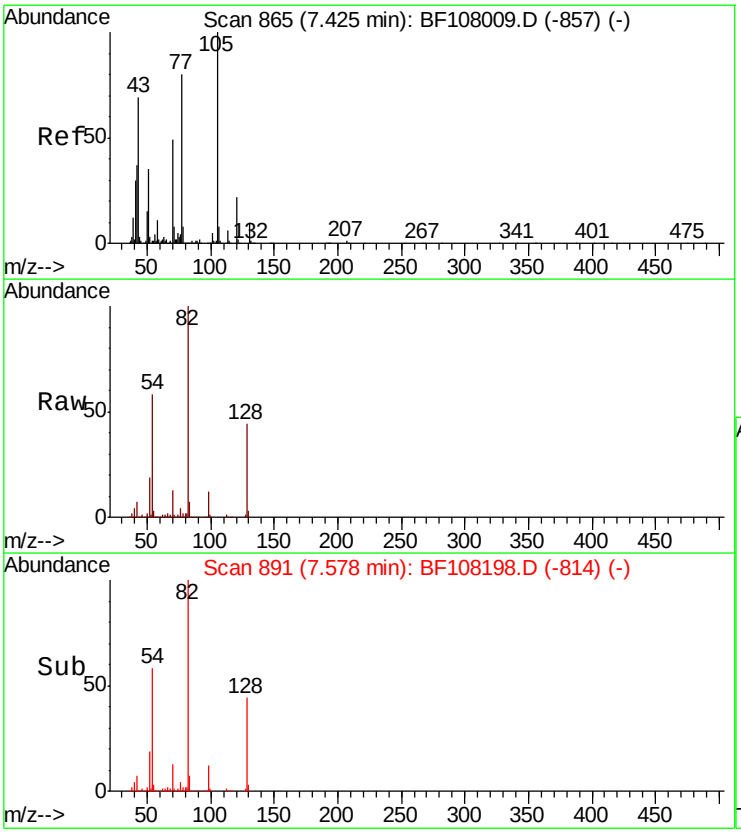
#7
Phenol-d6
Concen: 88.326 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1118860

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.8	25.4	38.0

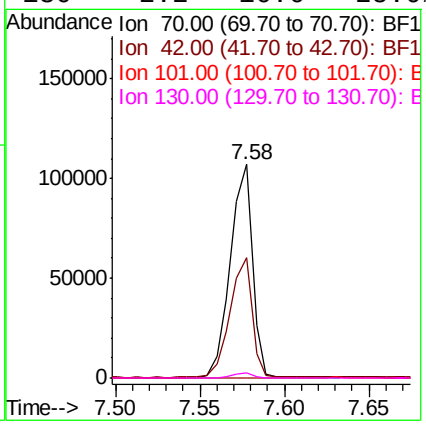


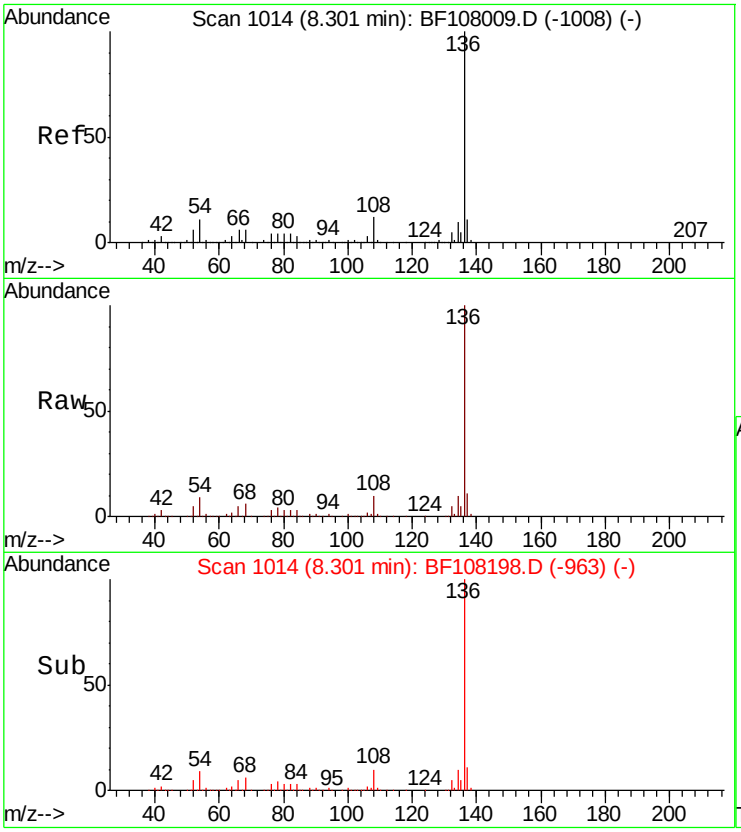


#19
n-Nitroso-di-n-propylamine
Concen: 11.473 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion: 70 Resp: 98278

Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



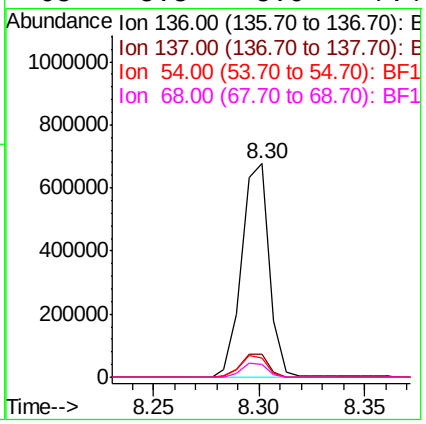


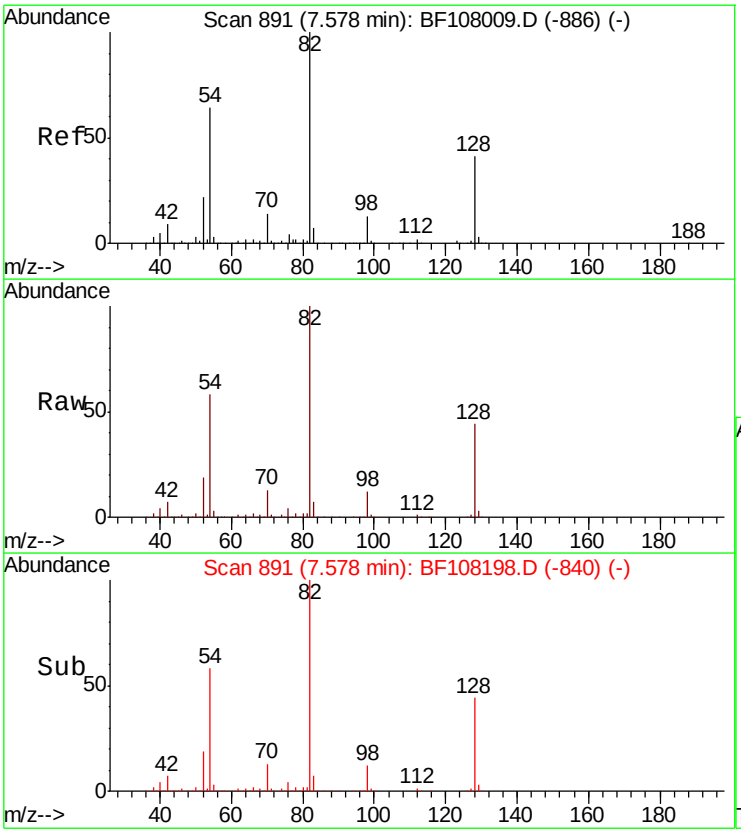
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 615829

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4

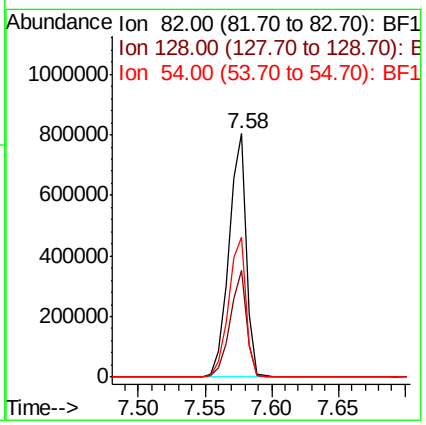


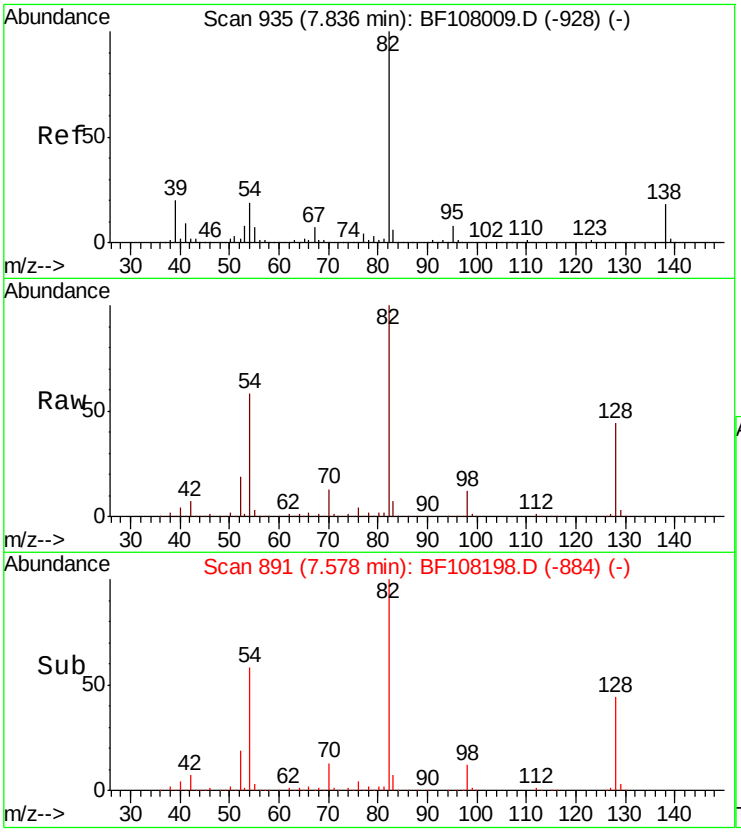


#23
Nitrobenzene-d5
Concen: 66.971 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion: 82 Resp: 739092

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	57.7	41.4	62.2



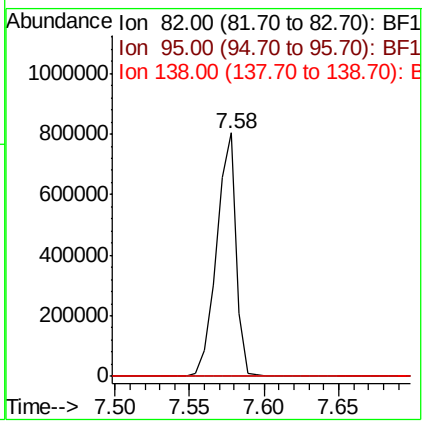


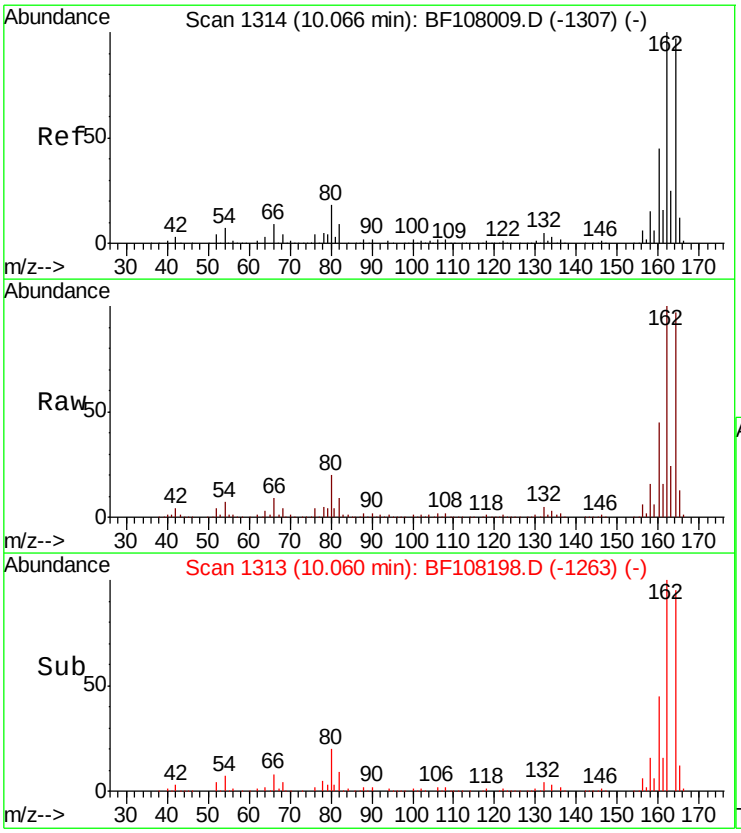
#25
Isophorone
Concen: 34.981 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 735826

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

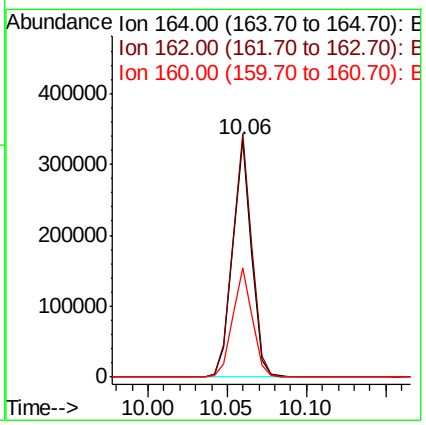


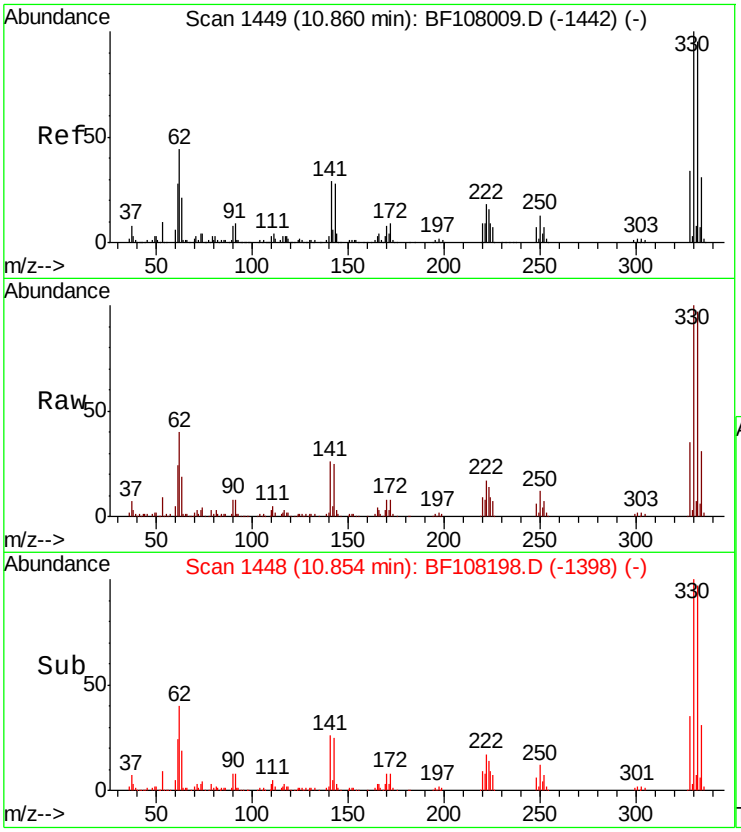


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:164 Resp: 277570

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.0	38.3	57.5



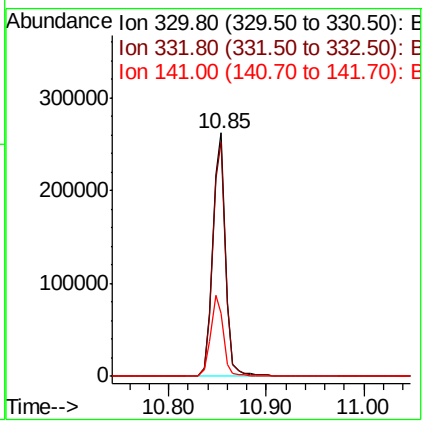


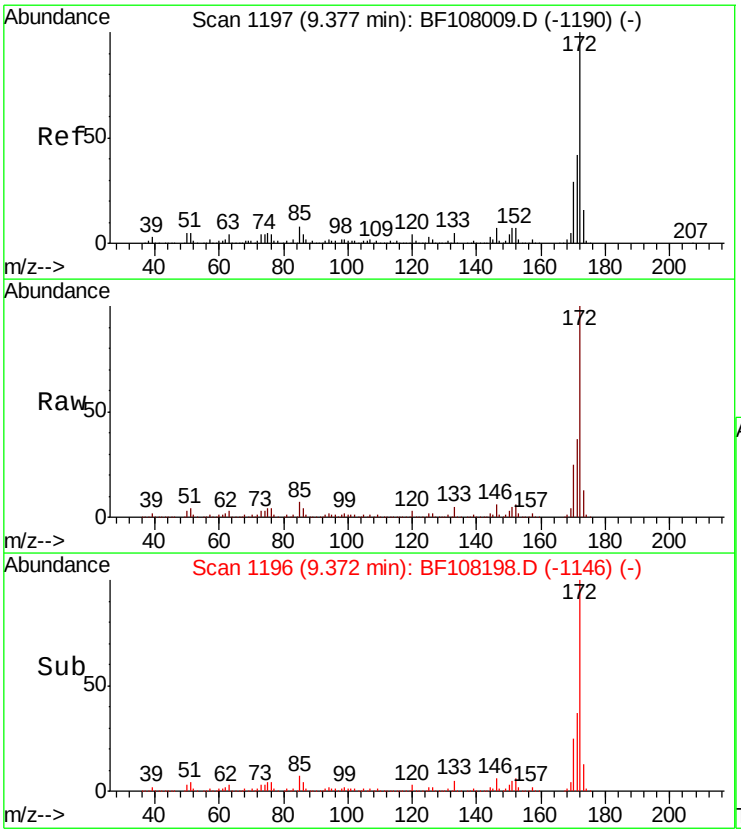
#41
2,4,6-Tribromophenol
Concen: 85.833 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 237646

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.4	29.9	44.9

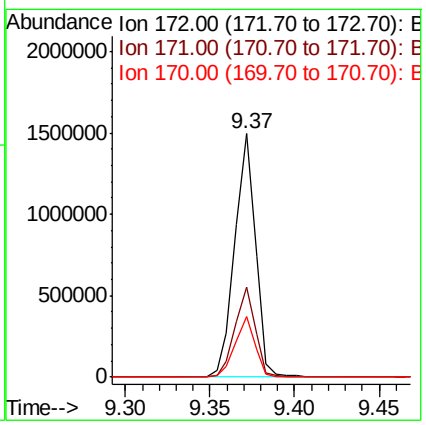


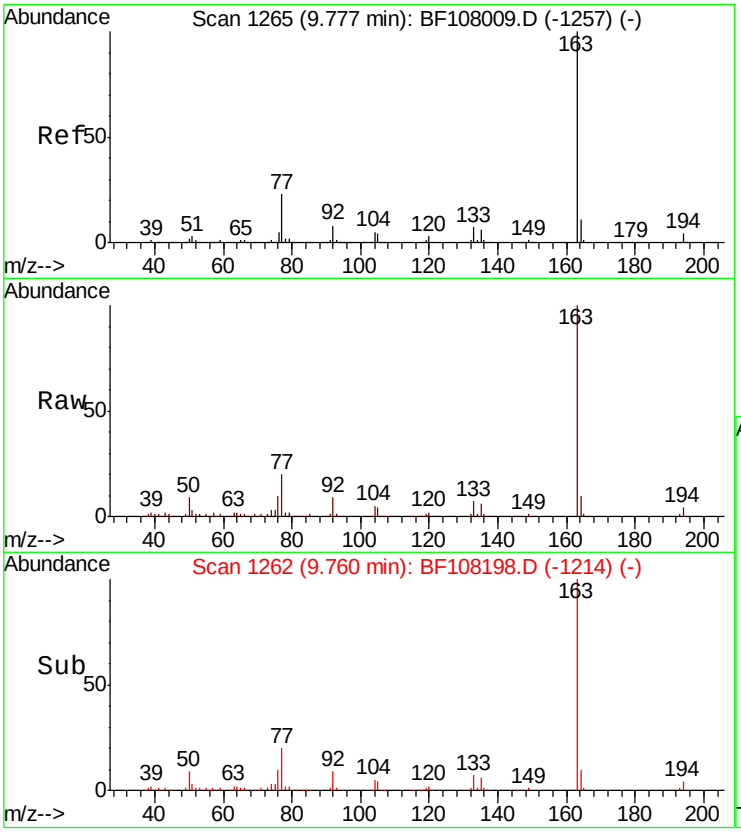


#44
2-Fluorobiphenyl
Concen: 74.171 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:172 Resp: 1282350

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4

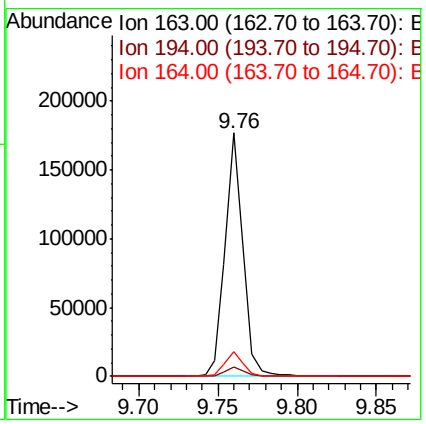




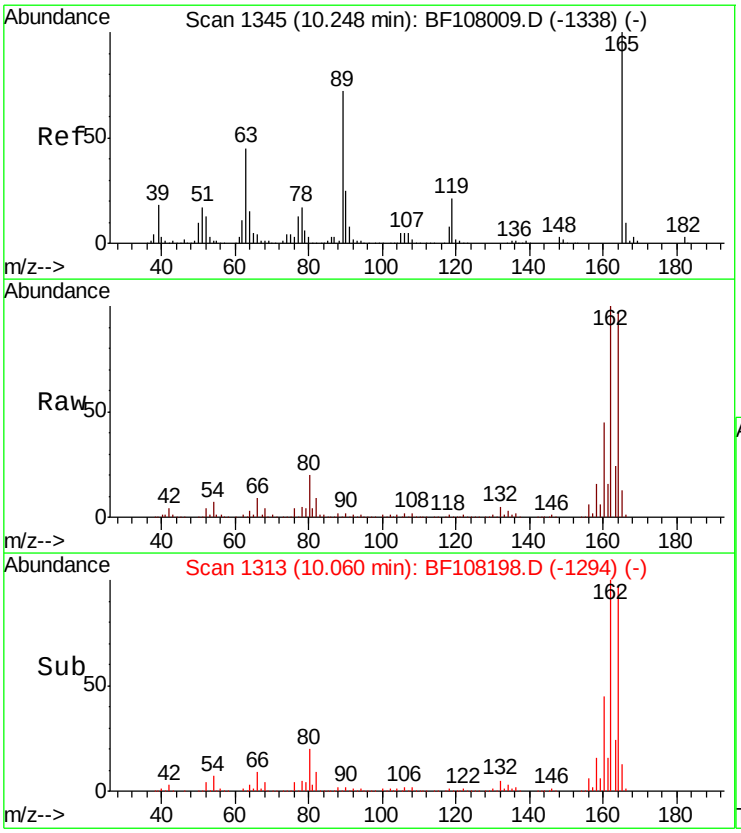
#49
Dimethylphthalate
Concen: 7.155 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:163 Resp: 138334

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2



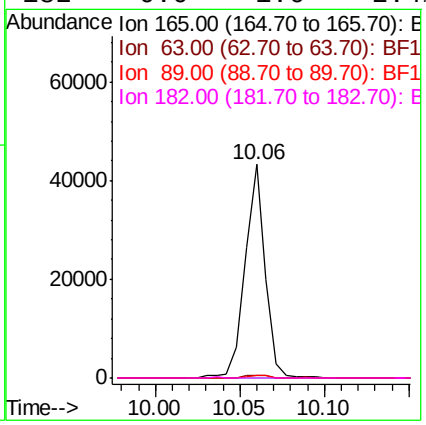
Instrument :
BNA_F
ClientSampleId :

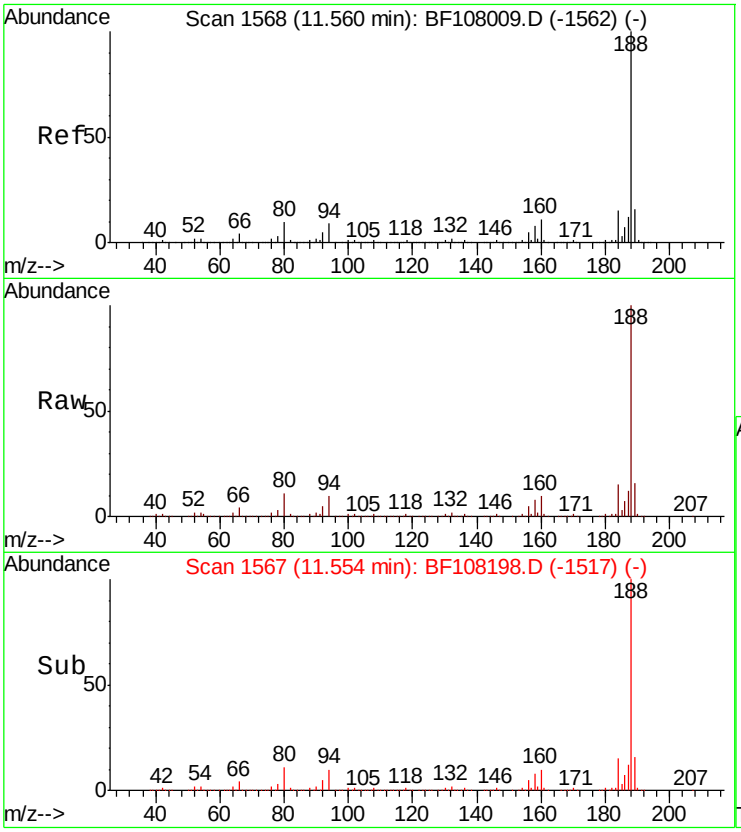


#56
2,4-Dinitrotoluene
Concen: 6.919 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:165 Resp: 36025

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



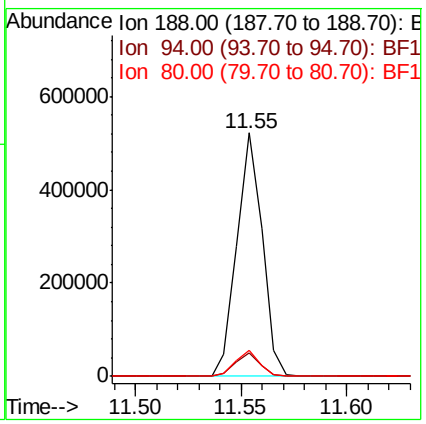


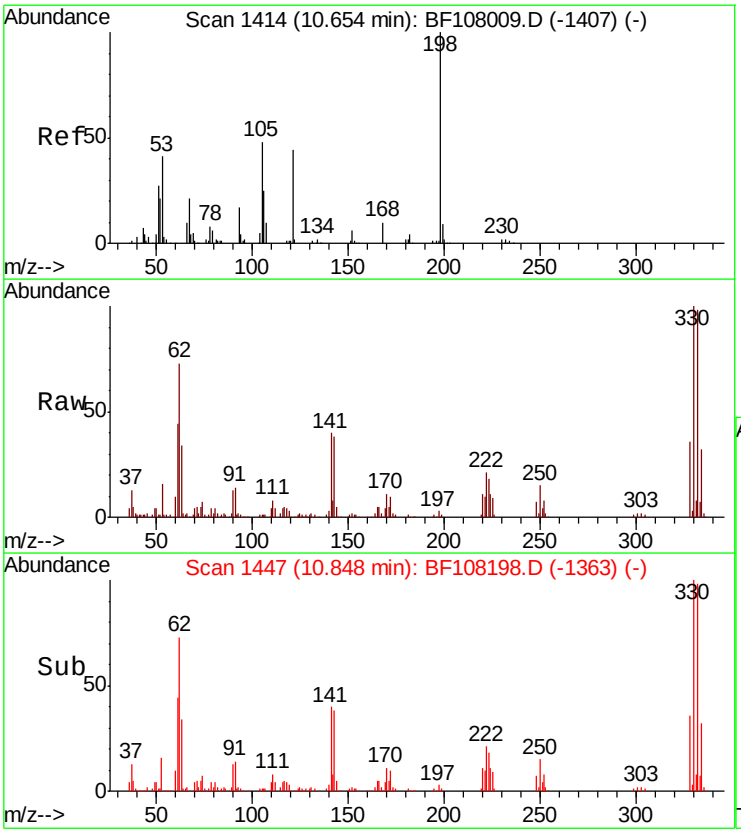
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 434125

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8

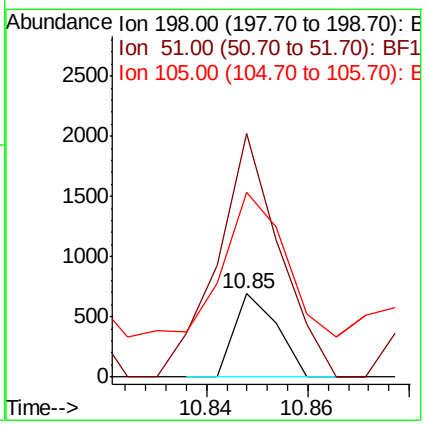


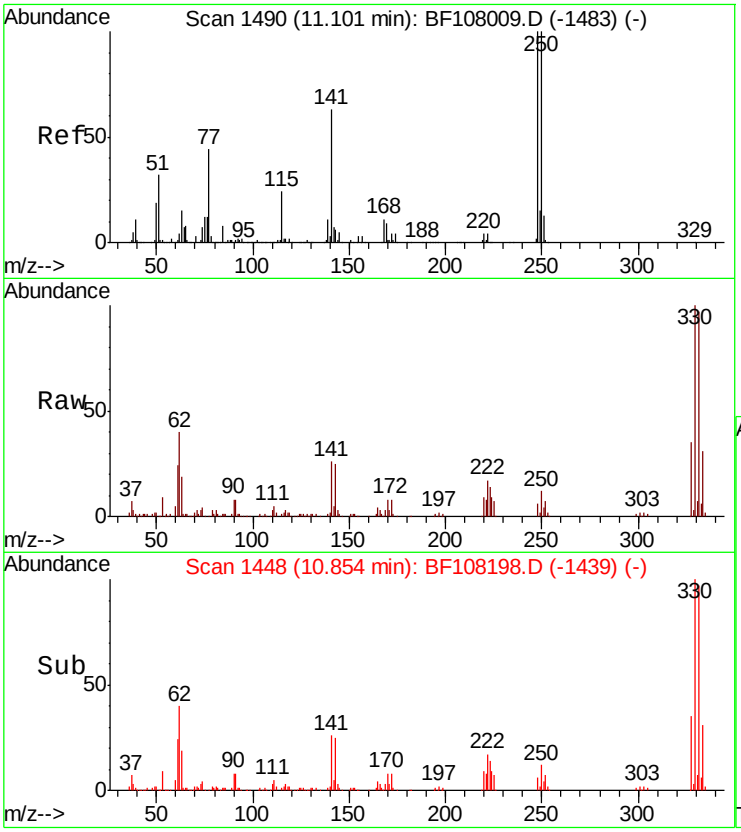


#64
4,6-Dinitro-2-methylphenol
Concen: 5.579 ng
RT: 10.85 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:198 Resp: 405

Ion	Ratio	Lower	Upper
198	100		
51	291.8	37.7	77.7#
105	221.6	36.3	76.3#



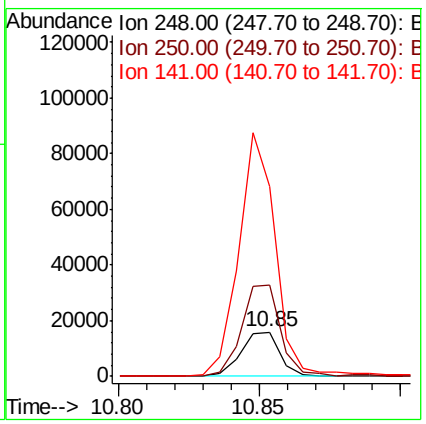


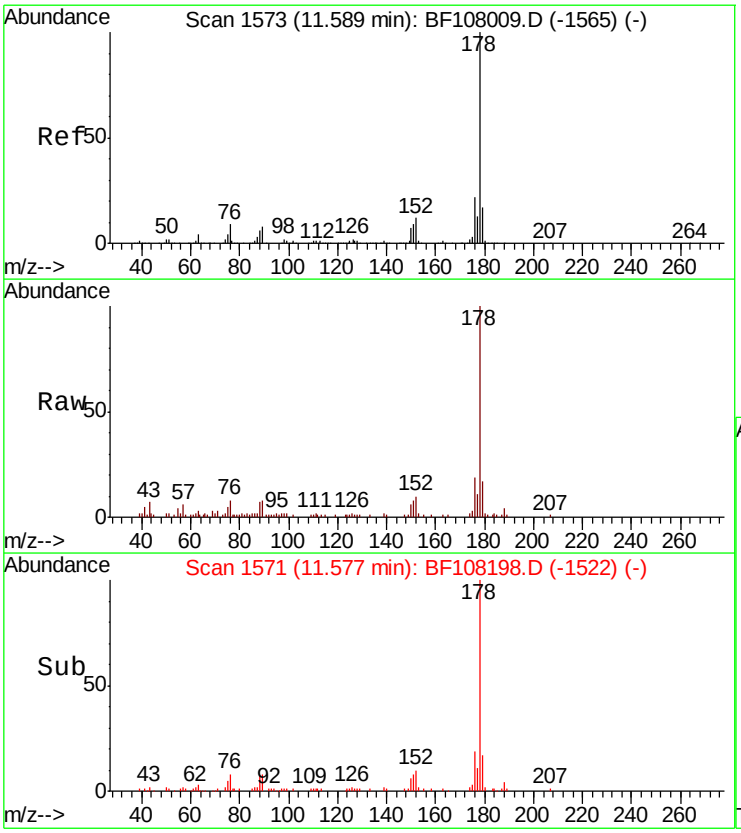
#66
4-Bromophenyl-phenylether
Concen: 3.217 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15179

Ion	Ratio	Lower	Upper
248	100		
250	206.1	76.9	115.3#
141	431.5	74.4	111.6#

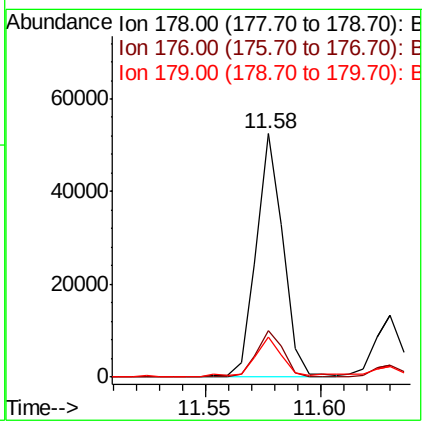


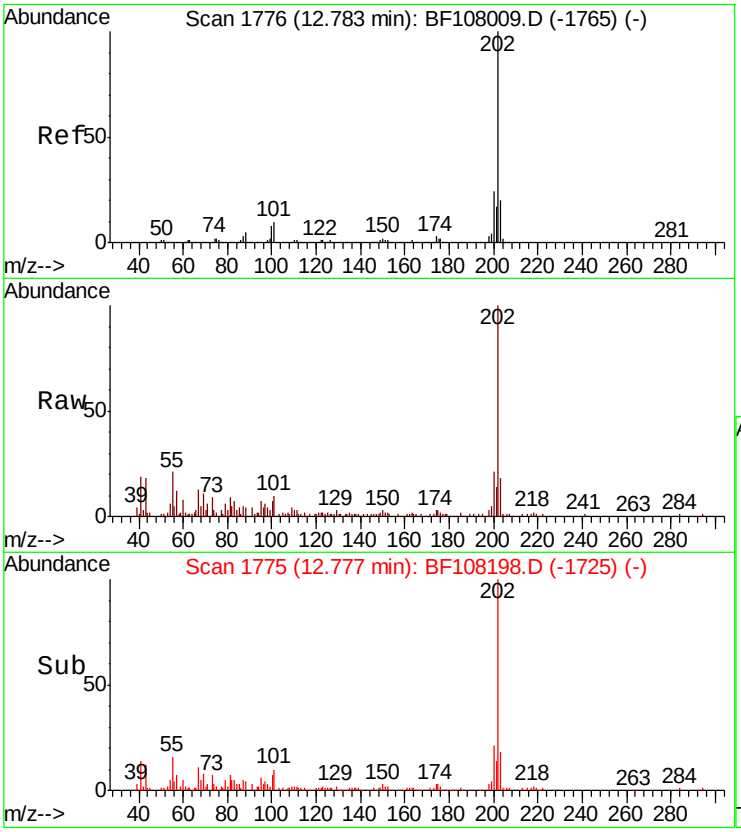


#70
Phenanthrene
Concen: 2.095 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:178 Resp: 42894

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.6	13.0	19.6



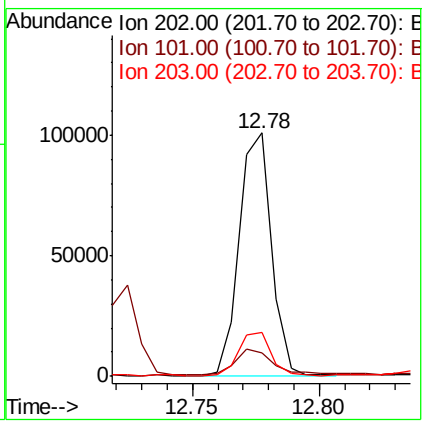


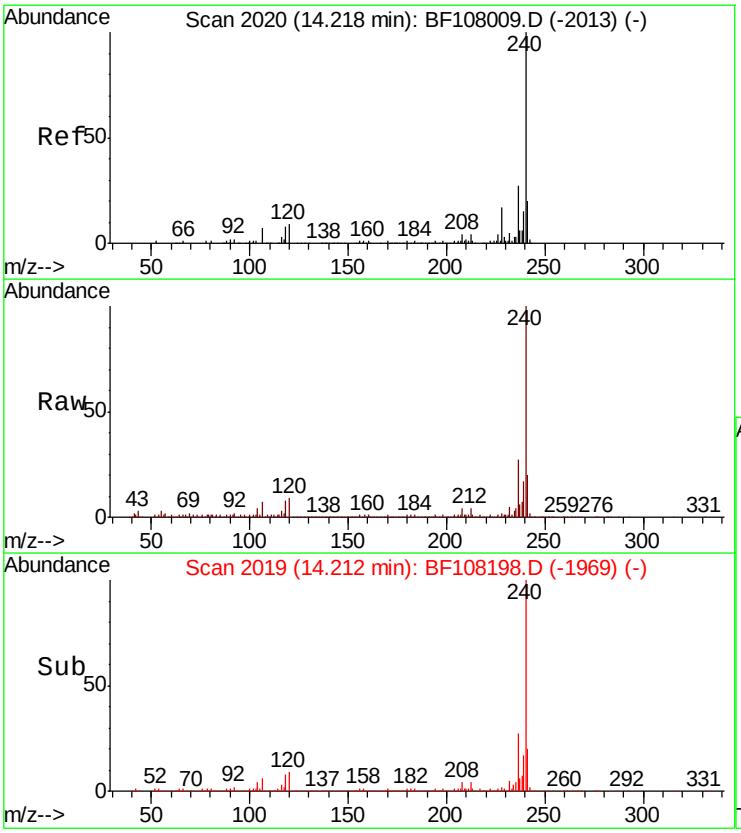
#74
Fluoranthene
Concen: 4.028 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 90021

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	18.0	0.0	38.1

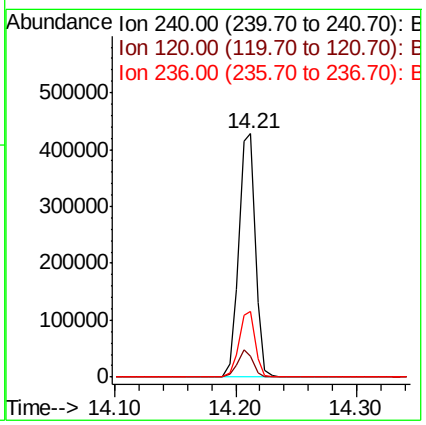


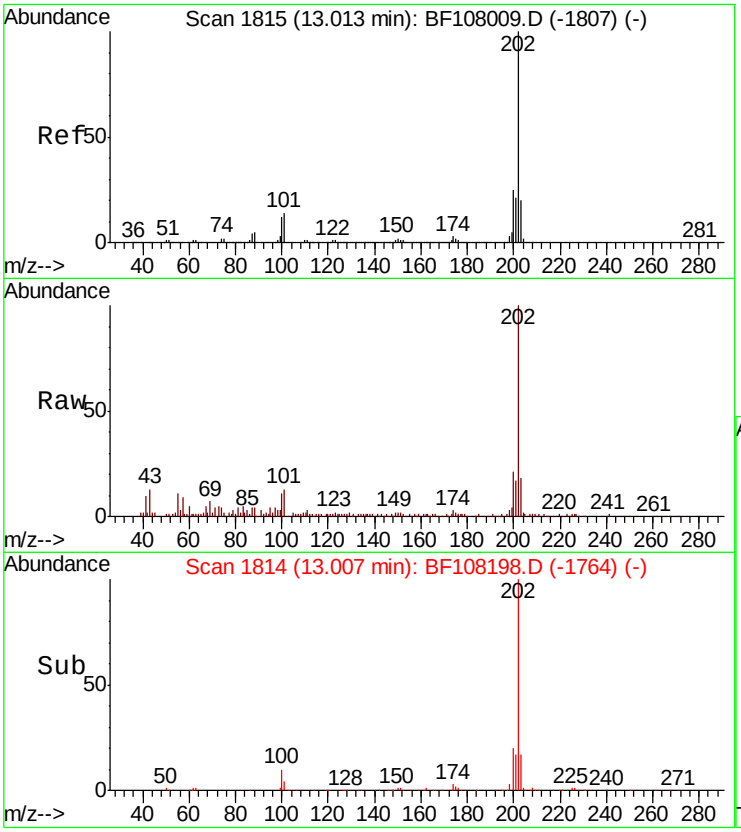


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:240 Resp: 415401

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	27.2	20.7	31.1



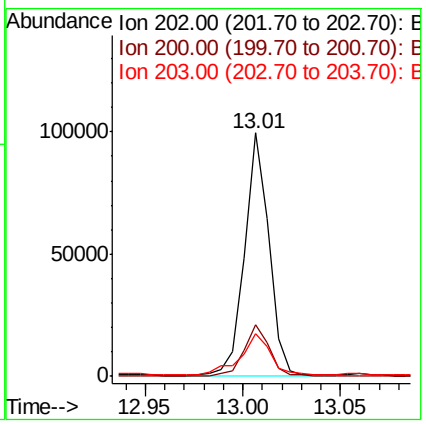


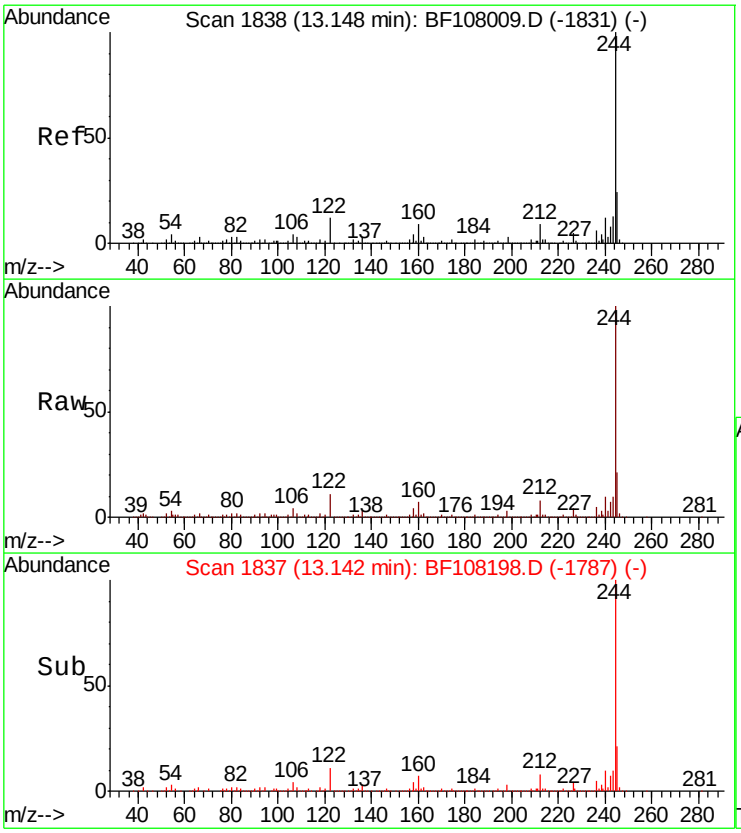
#77
Pyrene
Concen: 3.320 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 87315

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.3	21.5

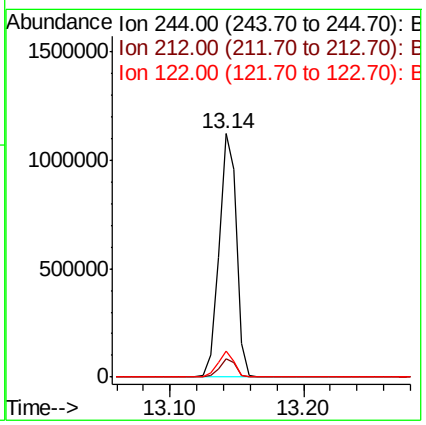


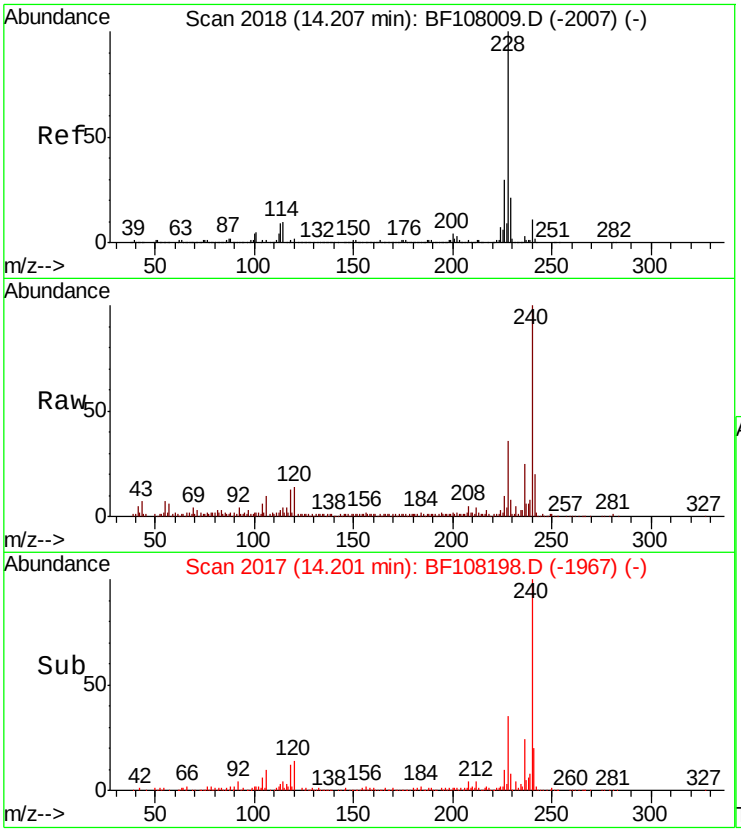


#78
Terphenyl-d14
Concen: 63.019 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:244 Resp: 1029587

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.8	11.0	16.4#



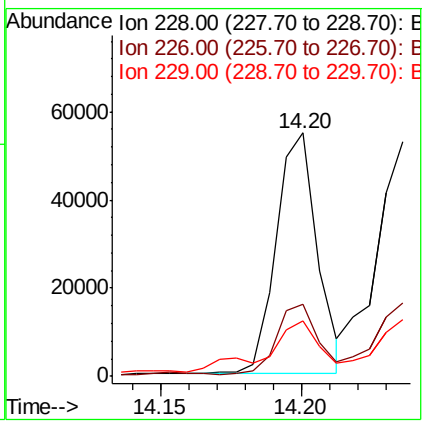


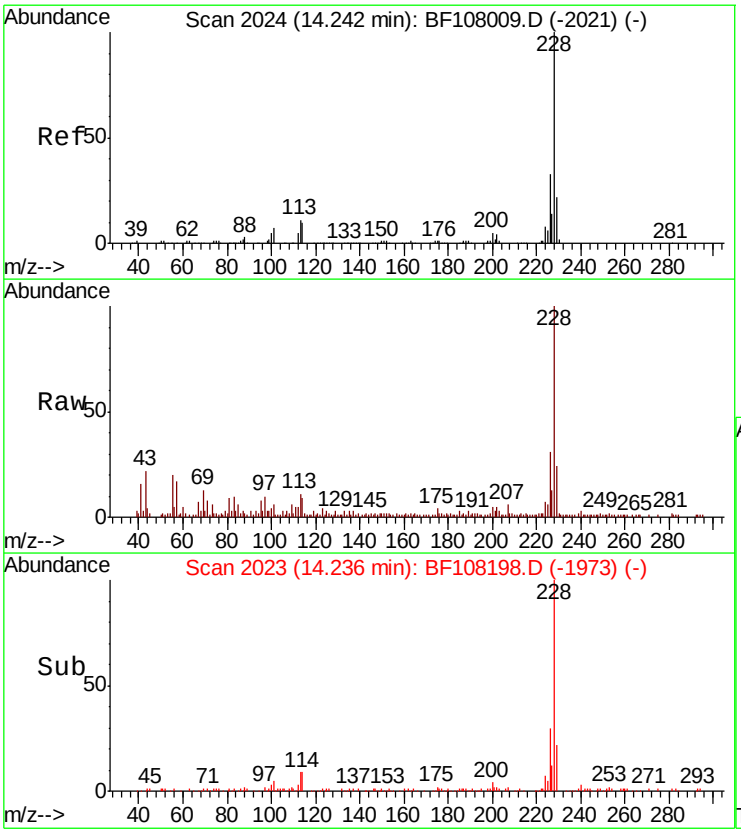
#80
Benzo(a)anthracene
Concen: 2.306 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 54966

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.9	15.8	23.6

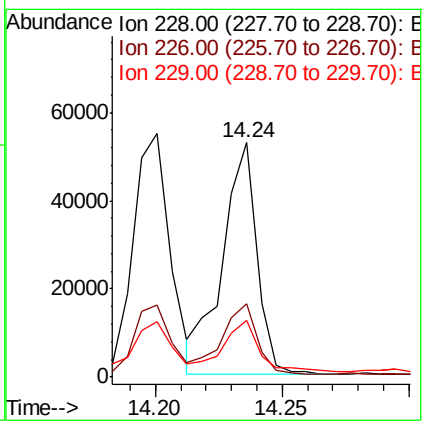


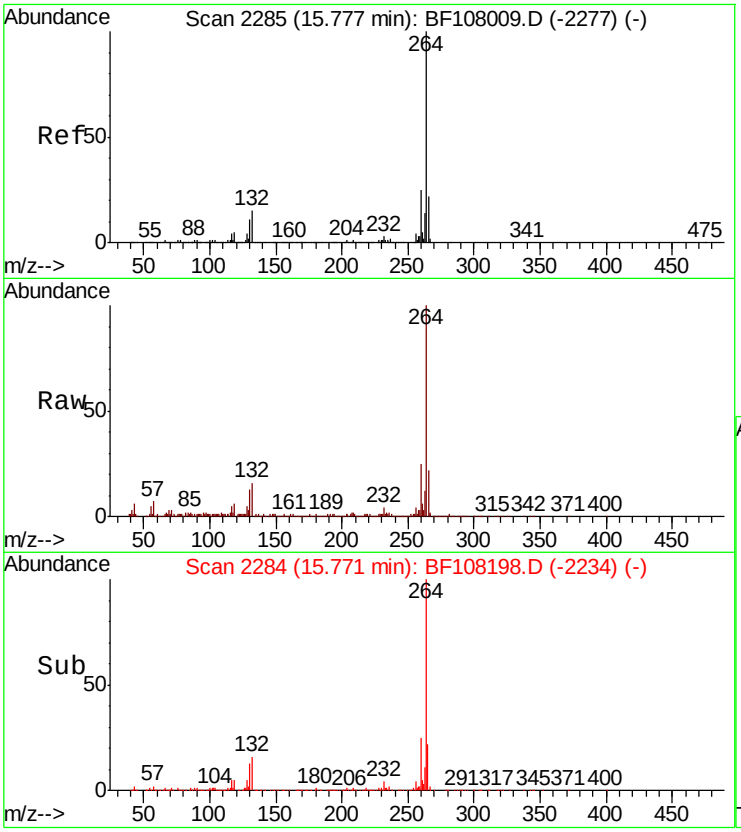


#82
Chrysene
Concen: 2.288 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:228 Resp: 50014

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	24.0	16.2	24.4



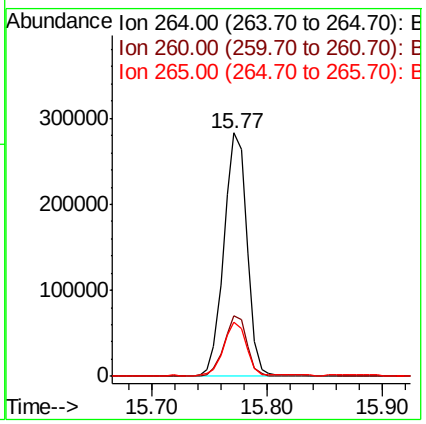


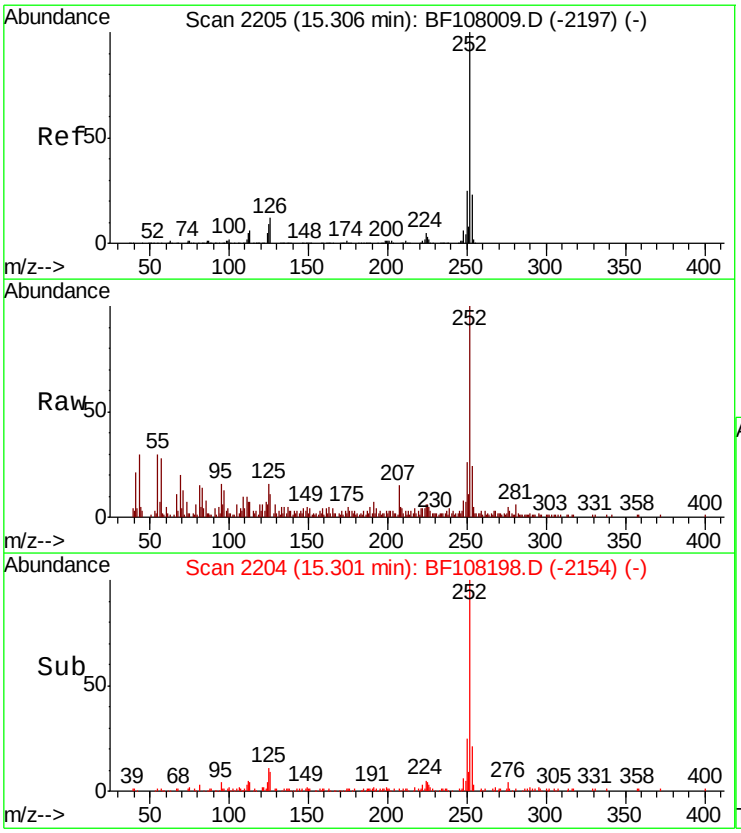
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 391126

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.1	17.5	26.3

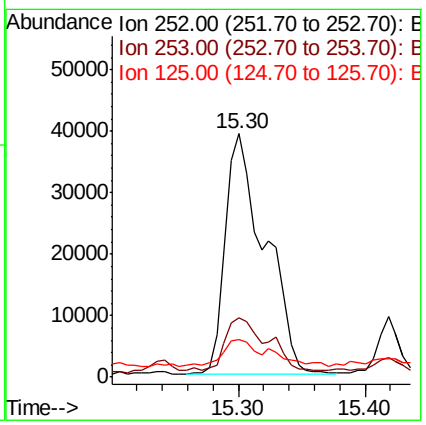


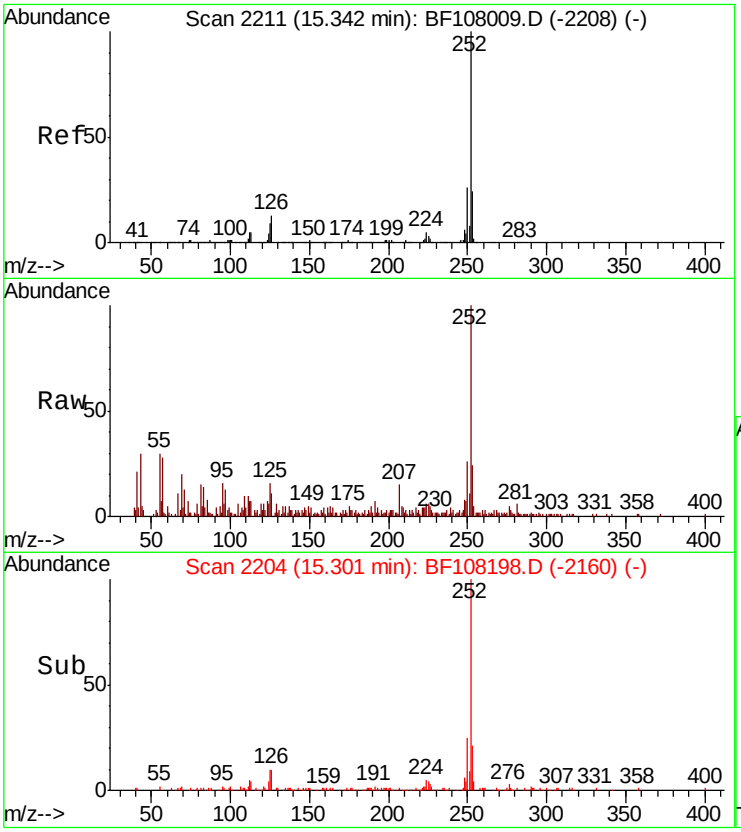


#87
Benzo(b)fluoranthene
Concen: 3.641 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:252 Resp: 85091

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	15.6	9.0	13.6#



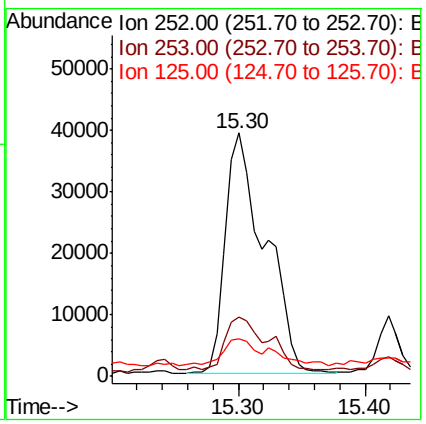


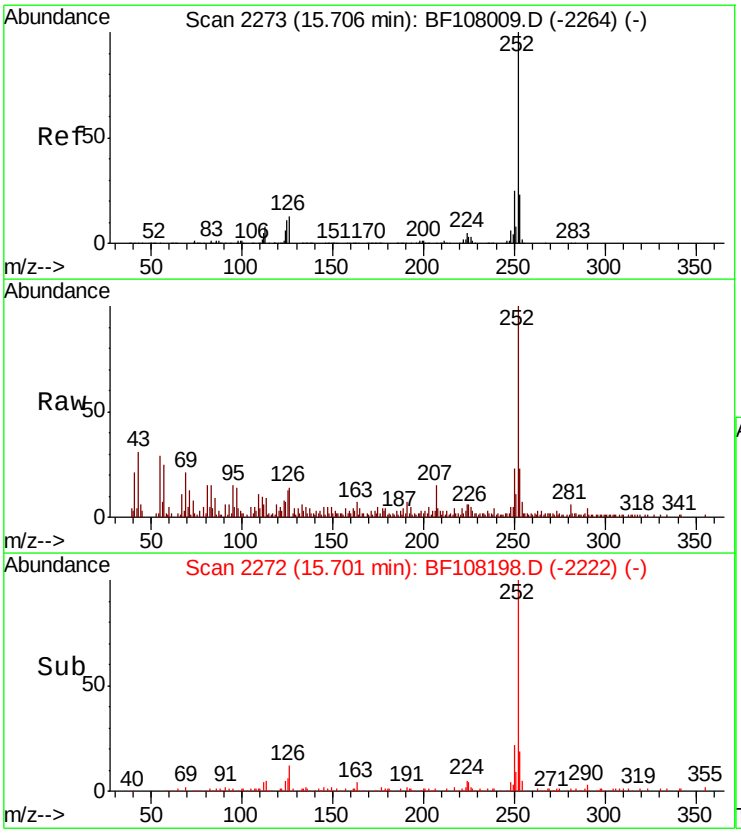
#88
Benzo(k)fluoranthene
Concen: 3.961 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 85091

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	15.6	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.251 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108198.D
Acq: 16 Aug 2018 16:42

Tgt Ion:252 Resp: 47101

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.9	9.8	14.6