Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-01(0-1)

Quant Time: Aug 17 04:08:13 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	155746	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	565227	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	258909	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	462115	20.00	ng		0.00
75) Chrysene-d12	14.21	240	424906	20.00	ng		0.00
86) Perylene-d12	15.77	264	319467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	138410	16.09	ng		0.00
7) Phenol-d6	6.62	99	180499	15.79	ng		0.00
23) Nitrobenzene-d5	7.57	82	112473	11.10	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	40017	15.50	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	214726	13.31	ng		0.00
78) Terphenyl-d14	13.14	244	191349	11.45	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.57	82	112471	5.825	ng	#	64
50) 2,6-Dinitrotoluene	10.06	165	32793	8.691	ng	#	26
56) 2,4-Dinitrotoluene	10.06	165	32793	6.752	ng	#	24
70) Phenanthrene	11.58	178	166673	7.647	ng		98
74) Fluoranthene	12.78	202	423067	17.785	ng		95
77) Pyrene	13.01	202	343513	12.770	ng		99
80) Benzo(a)anthracene	14.20	228	167428	6.866	ng		100
82) Chrysene	14.24	228	180308	8.065	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	507910	35.112	ng		99
85) Indeno(1,2,3-cd)pyrene	17.38	276	65859	3.400	ng	#	88
87) Benzo(b)fluoranthene	15.30	252	272426	14.271	ng		98
88) Benzo(k)fluoranthene	15.30	252	272426	15.525	ng	#	96
89) Benzo(a)pyrene	15.70	252	116389	6.809	ng		97
91) Benzo(g,h,i)perylene	17.88	276	63204	4.538	ng	#	85

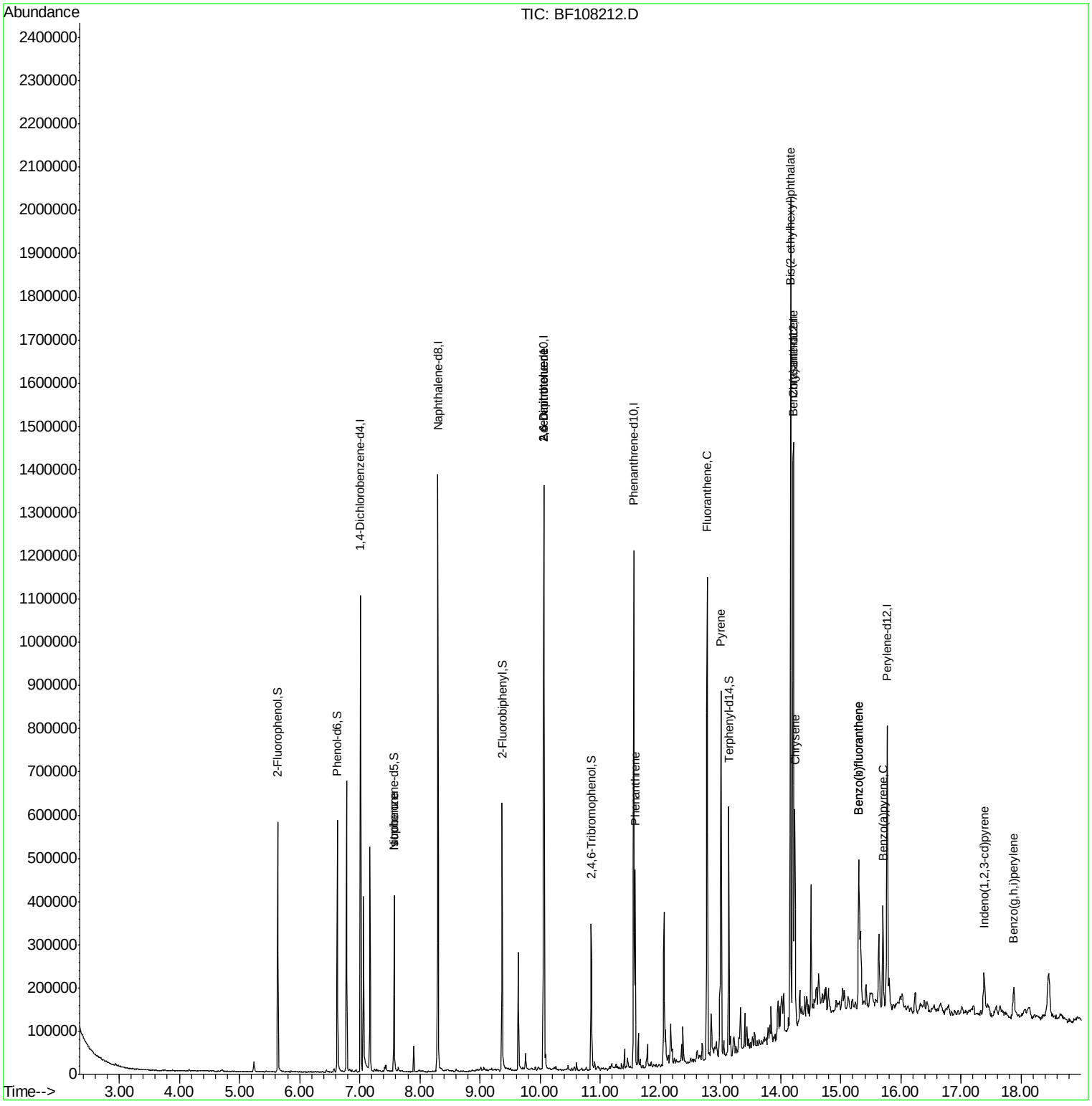
(#) = qualifier out of range (m) = manual integration (+) = signals summed

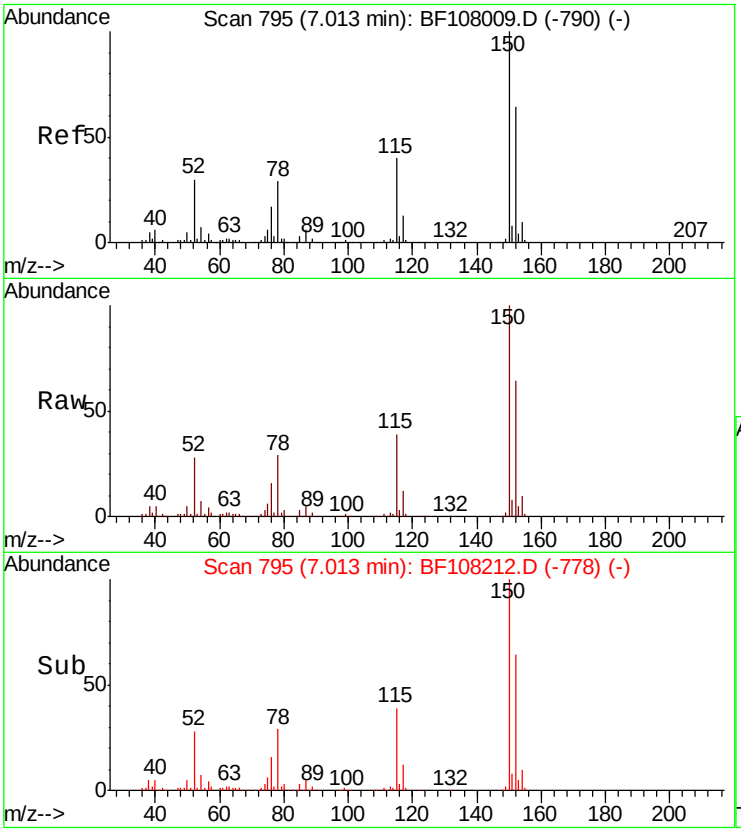
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108212.D
Acq On : 16 Aug 2018 23:08
Operator : JU/SJ
Sample : J4499-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Quant Time: Aug 17 04:08:13 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



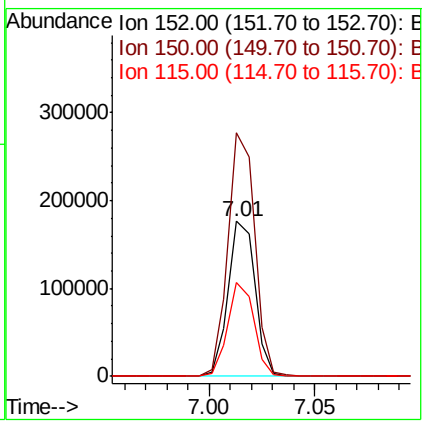


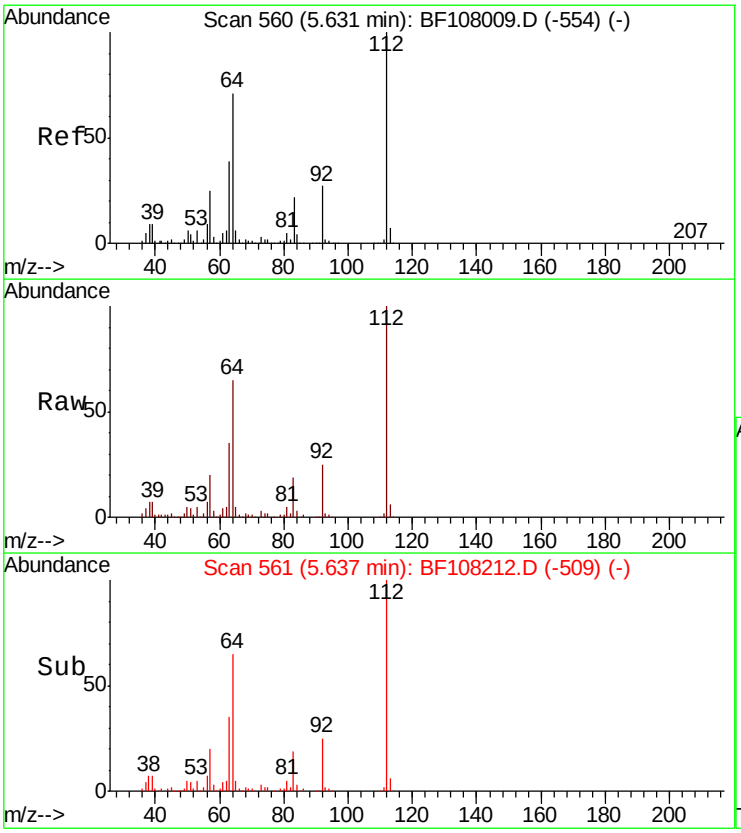
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:152 Resp: 155746

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.8	50.1	75.1

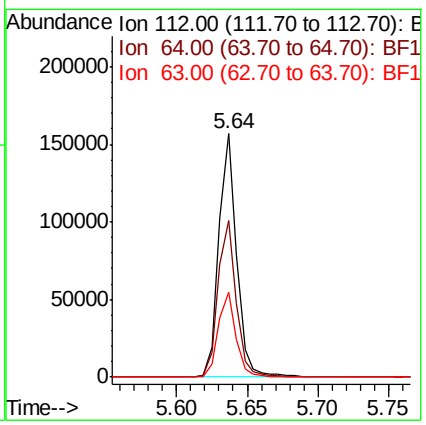


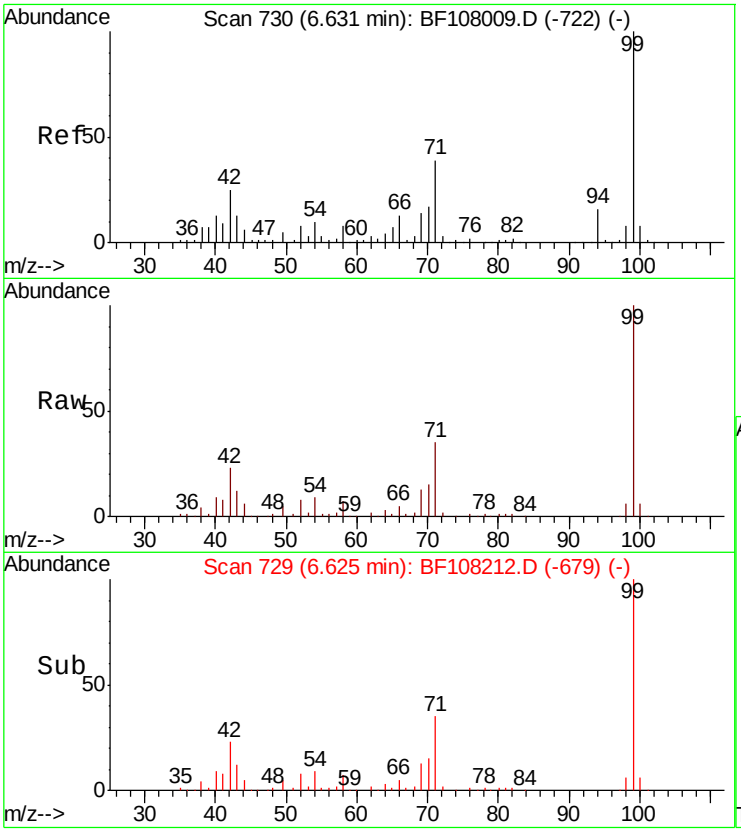


#5
2-Fluorophenol
Concen: 16.089 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:112 Resp: 138410

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	34.9	23.7	35.5



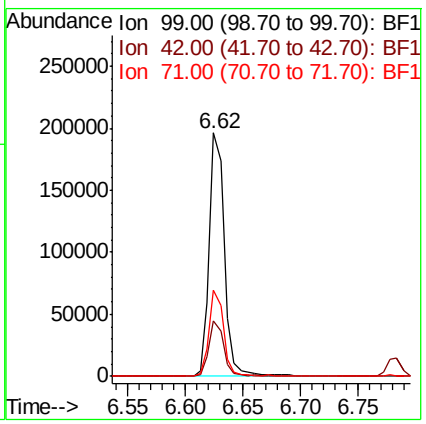


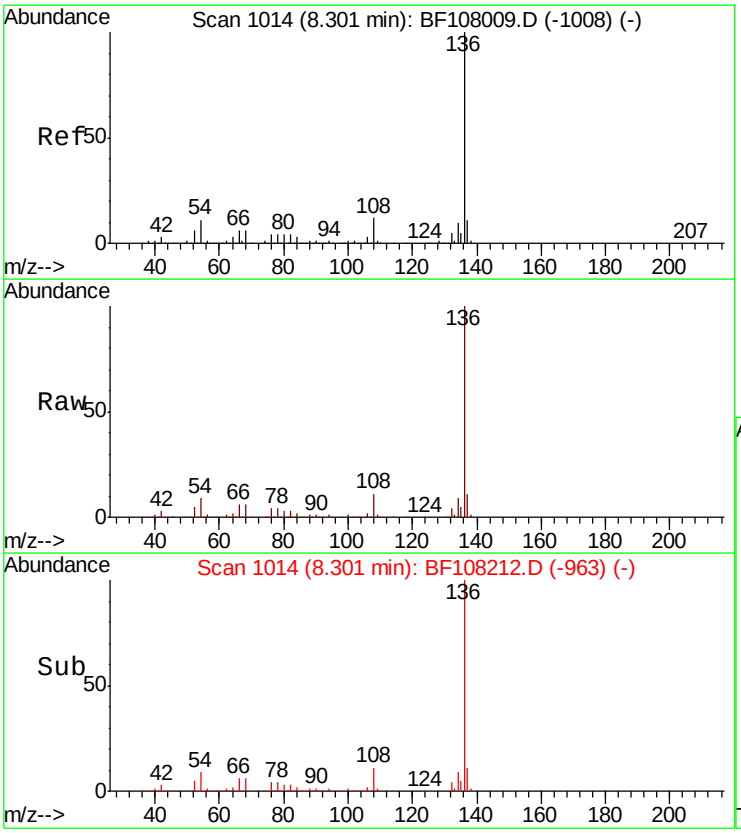
#7
Phenol-d6
Concen: 15.789 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion: 99 Resp: 180499

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	35.4	25.4	38.0

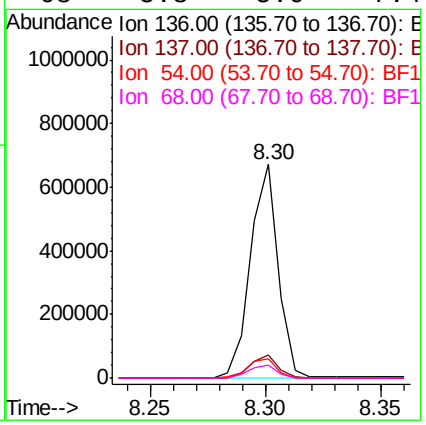


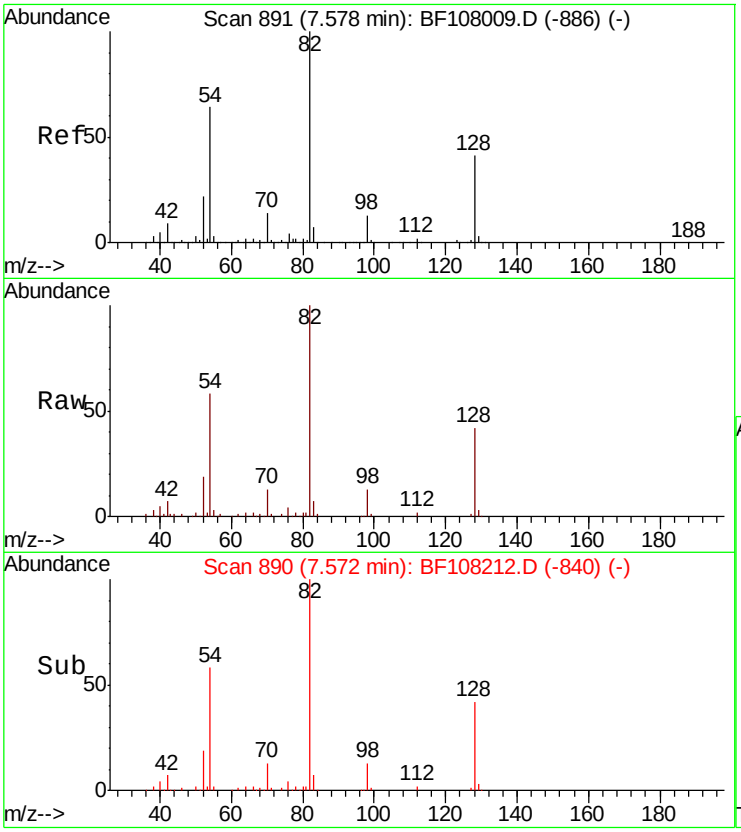


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:136 Resp: 565227

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



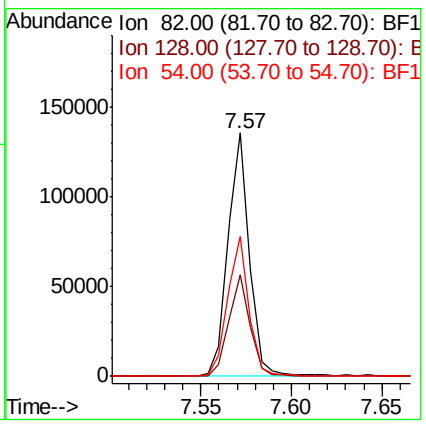


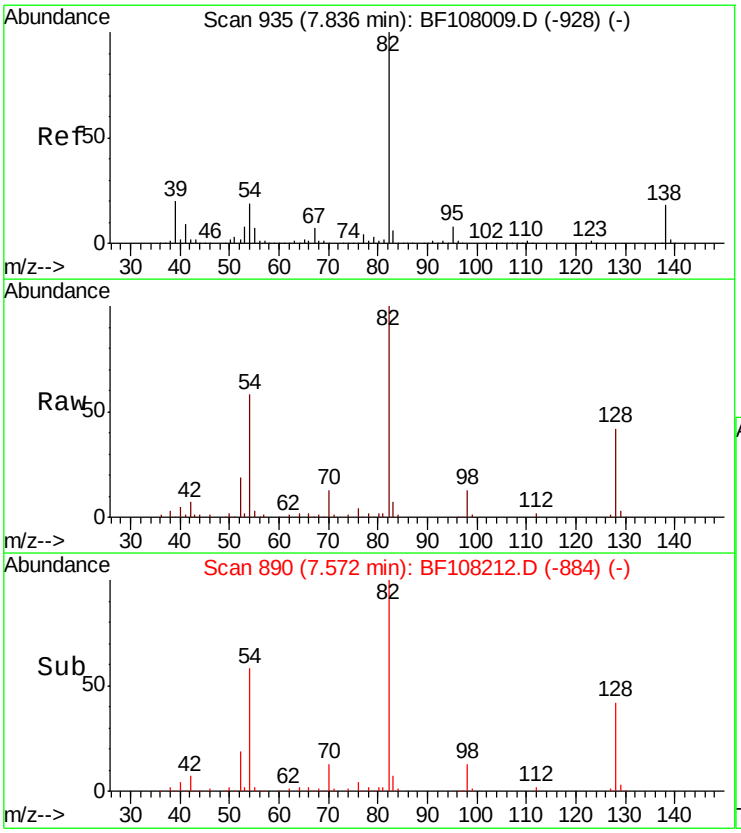
#23
Nitrobenzene-d5
Concen: 11.104 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion: 82 Resp: 112473

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	57.6	41.4	62.2

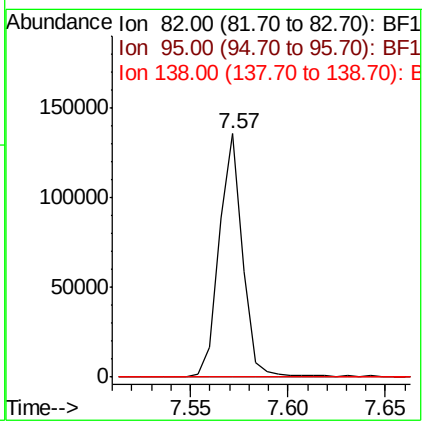


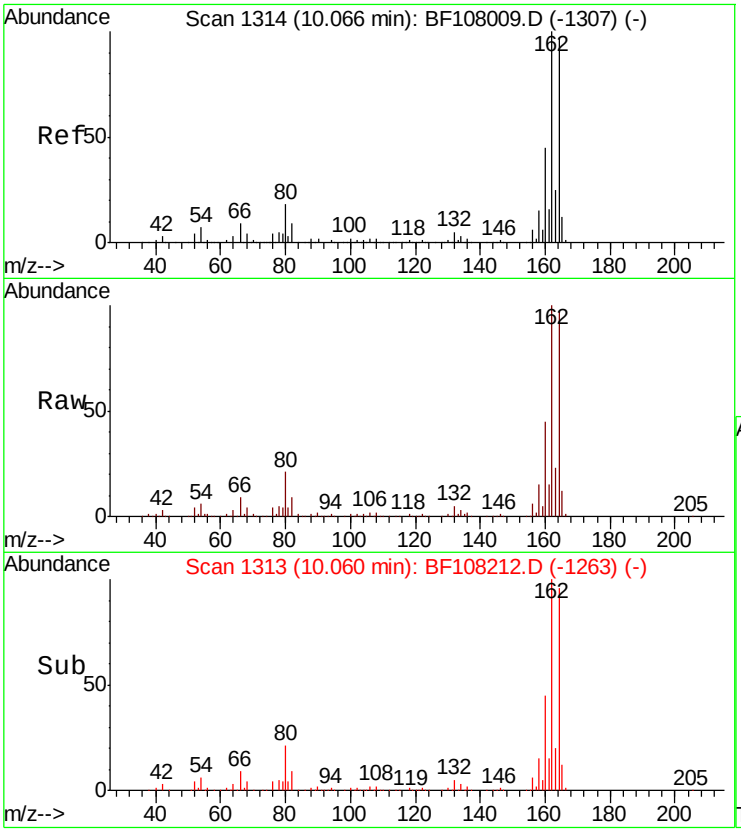


#25
Isophorone
Concen: 5.825 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion: 82 Resp: 112471

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



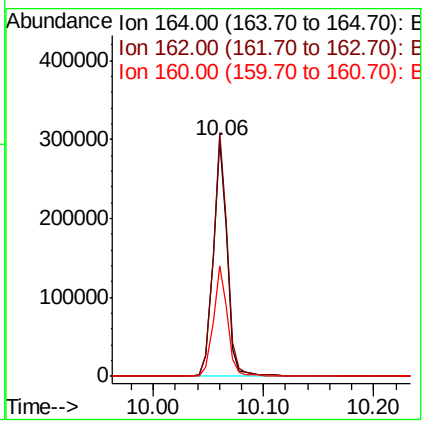


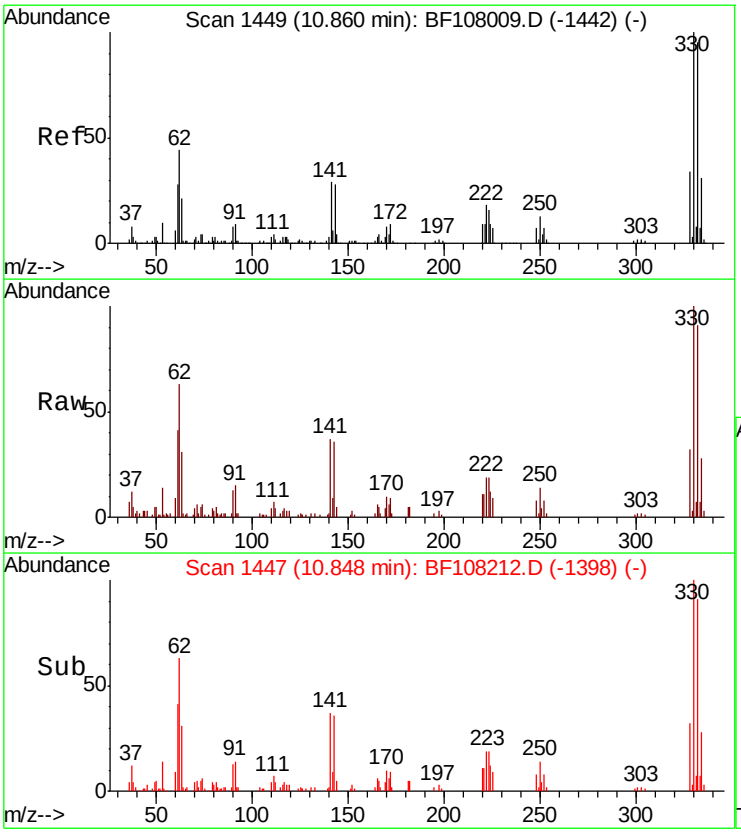
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:164 Resp: 258909

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.9	38.3	57.5

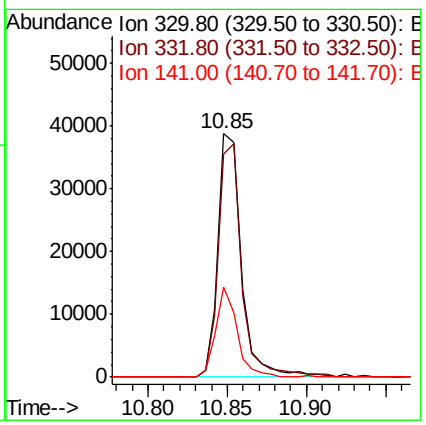


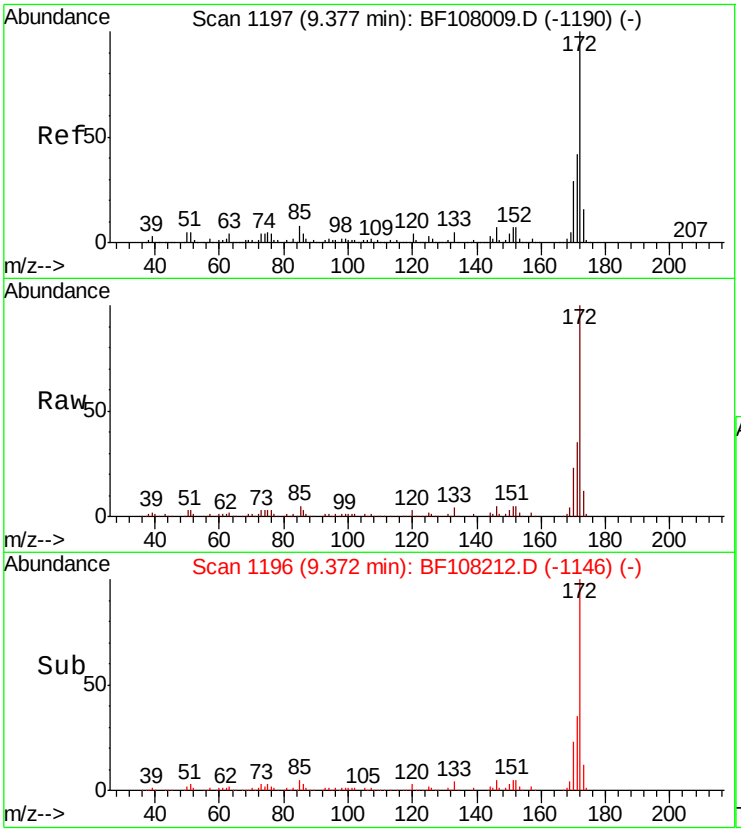


#41
2,4,6-Tribromophenol
Concen: 15.495 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:330 Resp: 40017

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	33.4	29.9	44.9



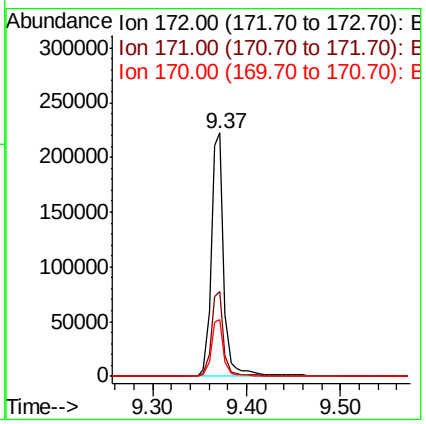


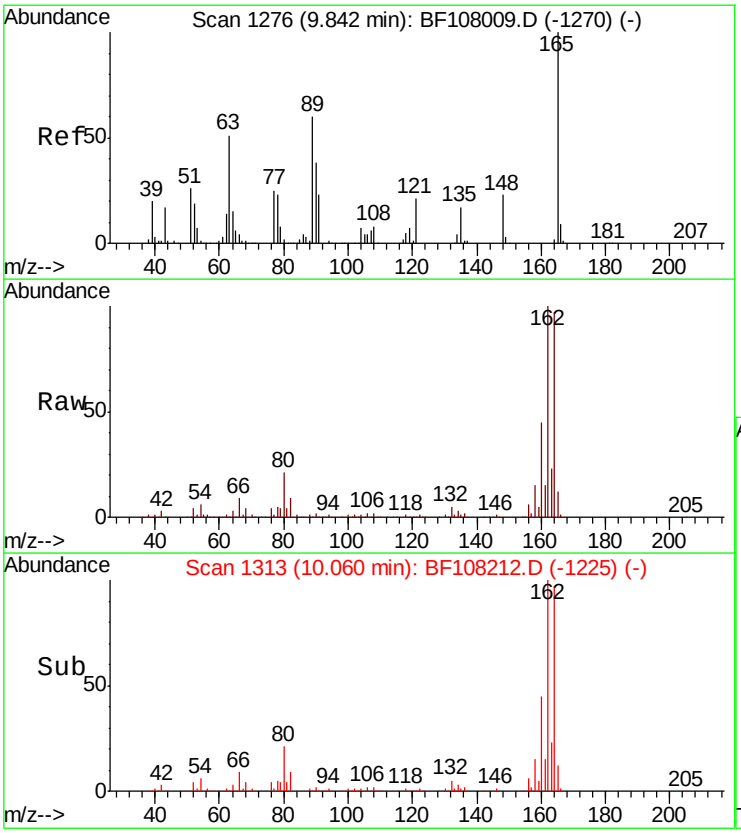
#44
2-Fluorobiphenyl
Concen: 13.315 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:172 Resp: 214726

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.3	19.6	29.4

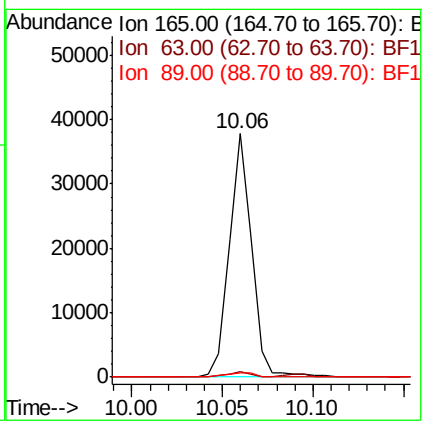


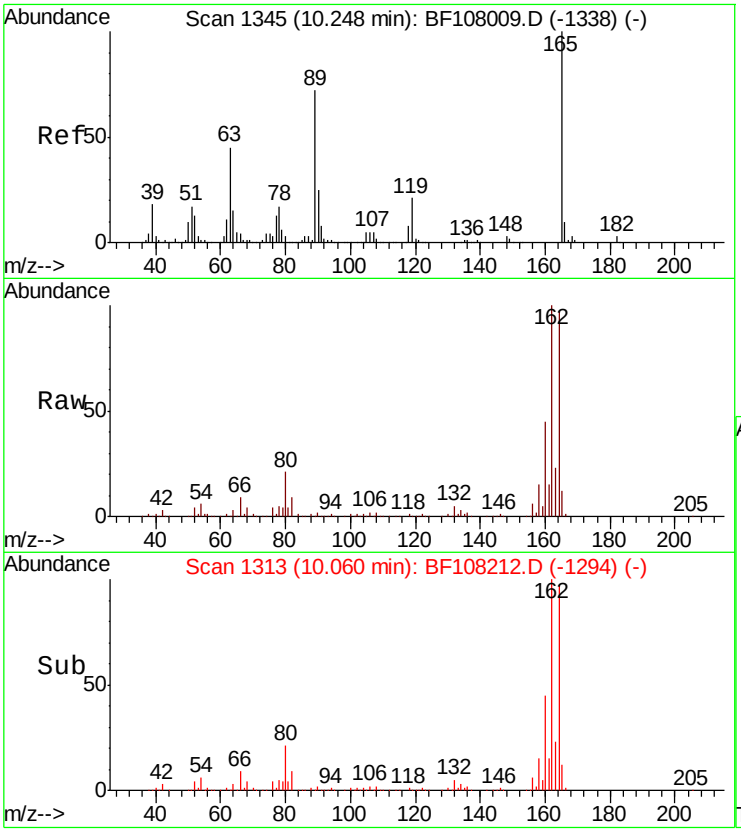


#50
2,6-Dinitrotoluene
Concen: 8.691 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:165 Resp: 32793

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.7	44.0	66.0#



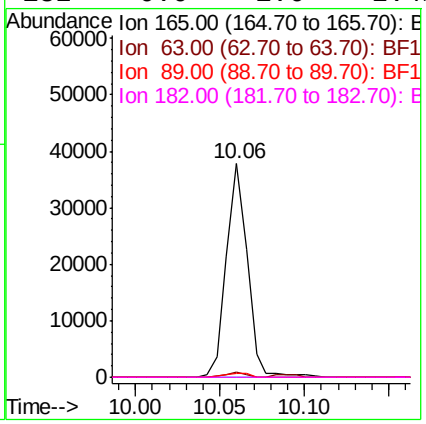


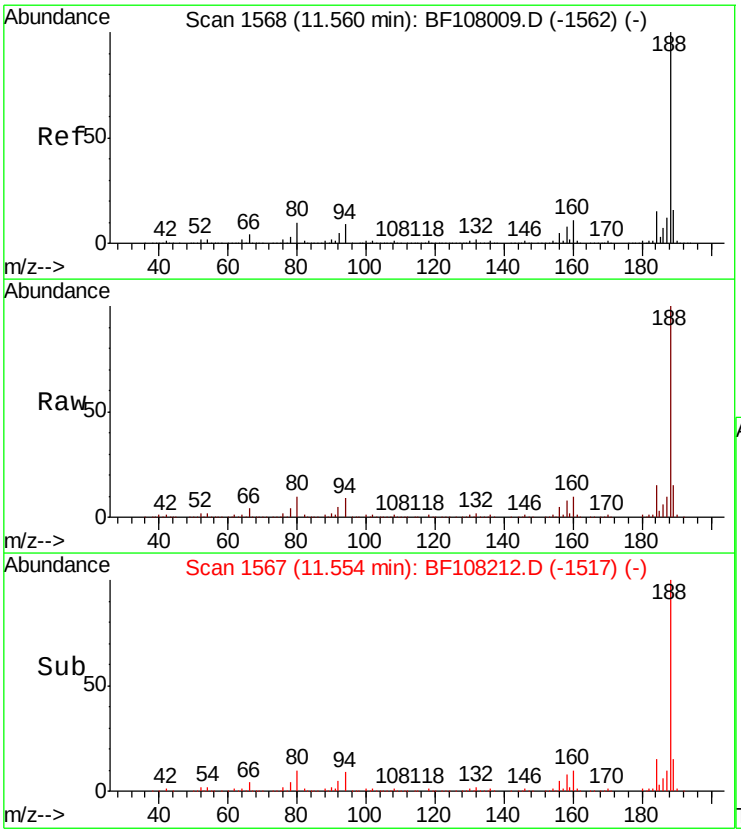
#56
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:165 Resp: 32793

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

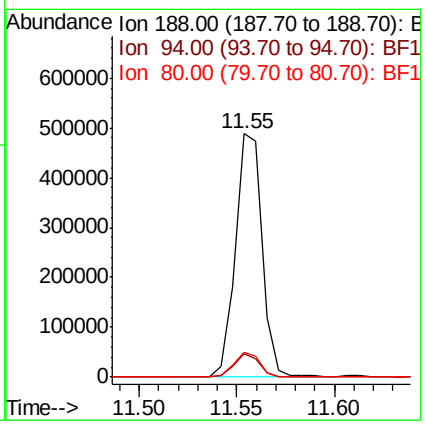


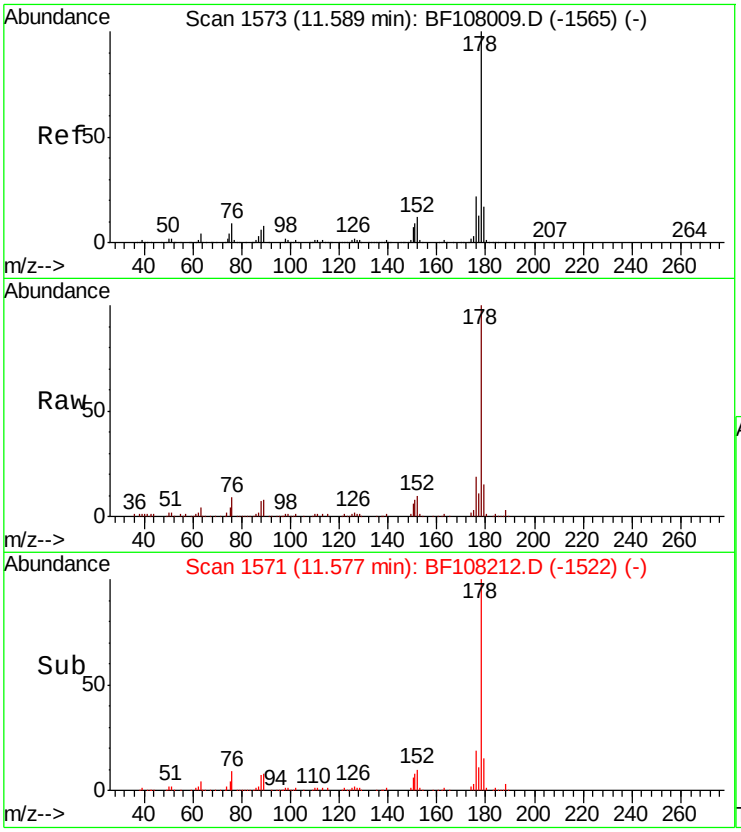


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:188 Resp: 462115

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8



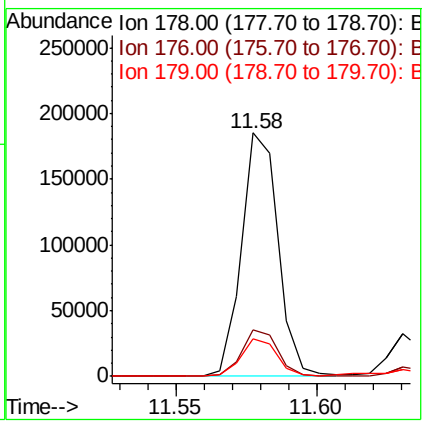


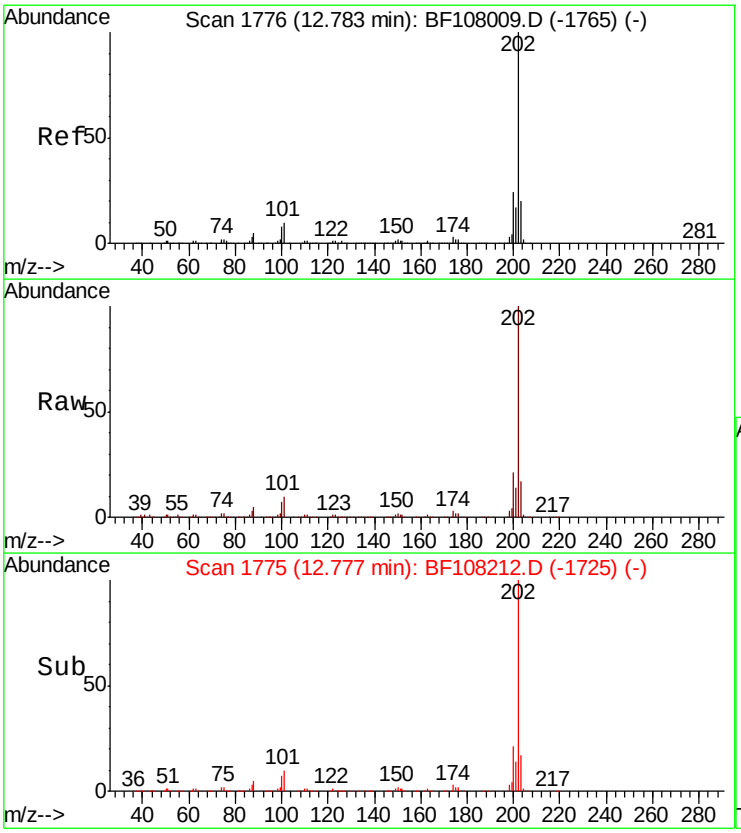
#70
Phenanthrene
Concen: 7.647 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:178 Resp: 166673

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

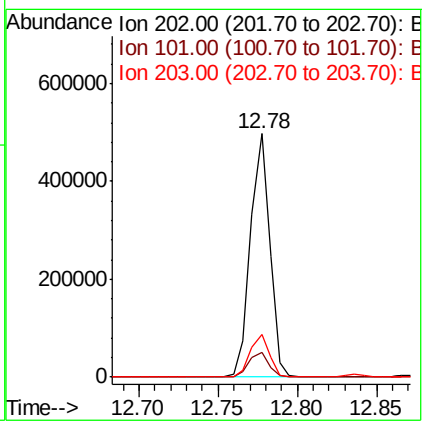


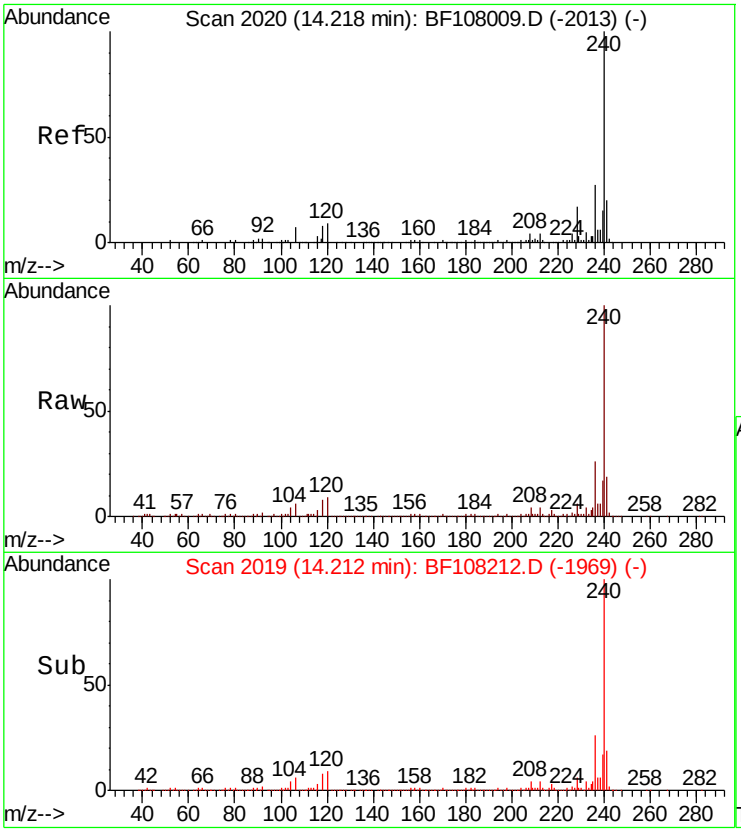


#74
Fluoranthene
Concen: 17.785 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:202 Resp: 423067

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.3	0.0	38.1



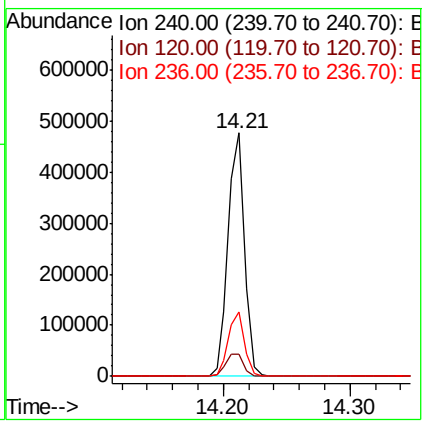


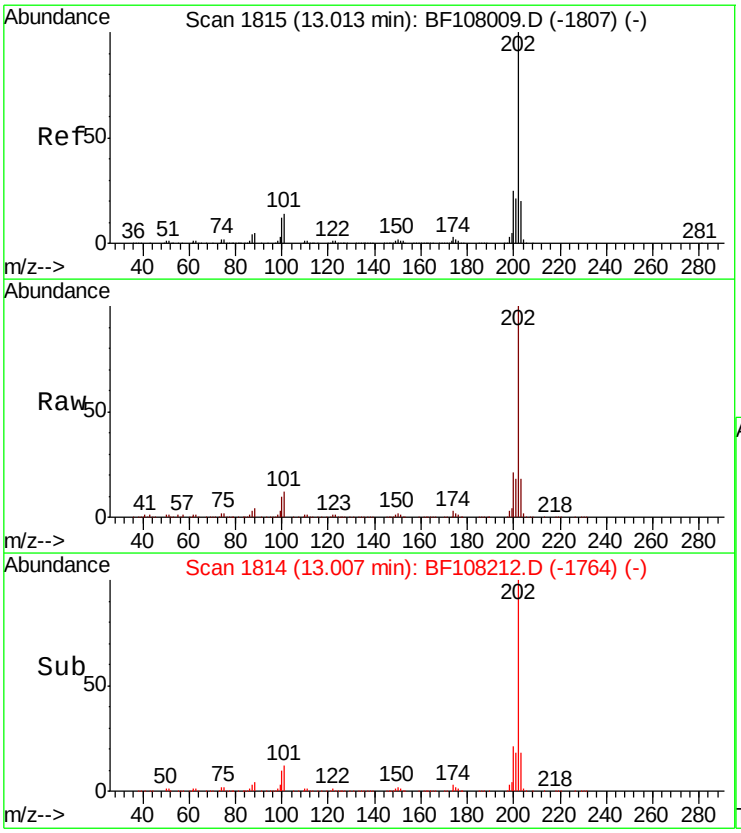
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:240 Resp: 424906

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.2	20.7	31.1

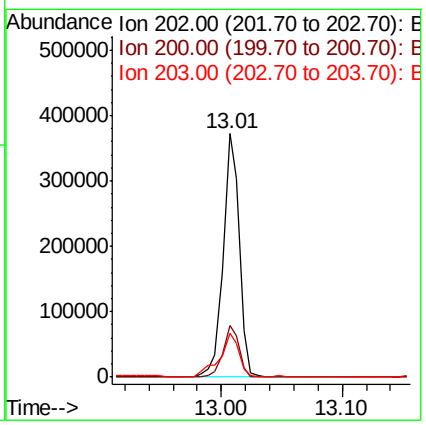


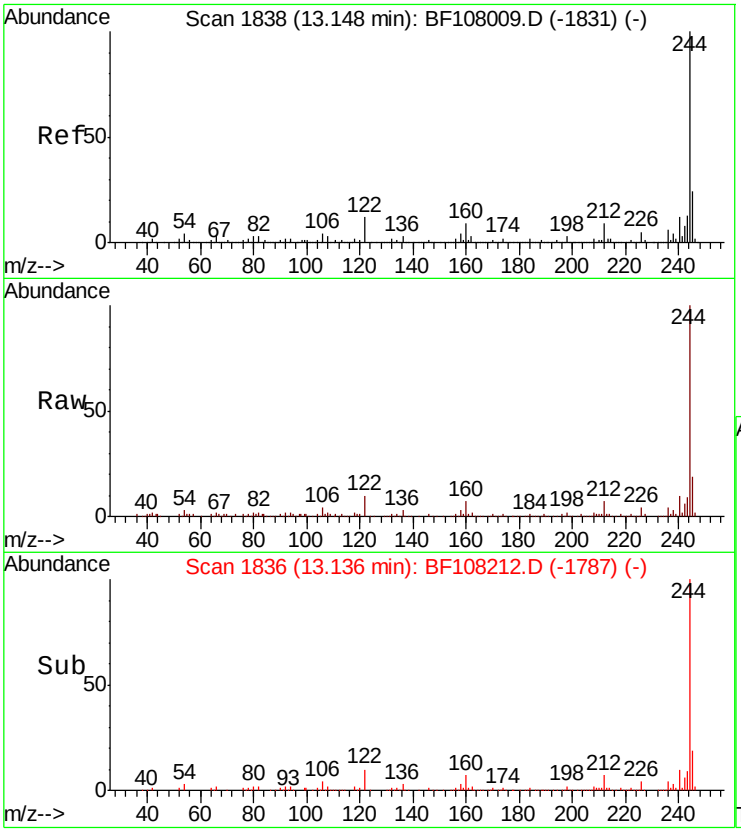


#77
Pyrene
Concen: 12.770 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:202 Resp: 343513

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5



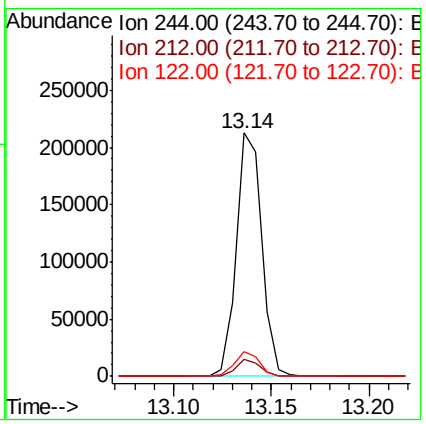


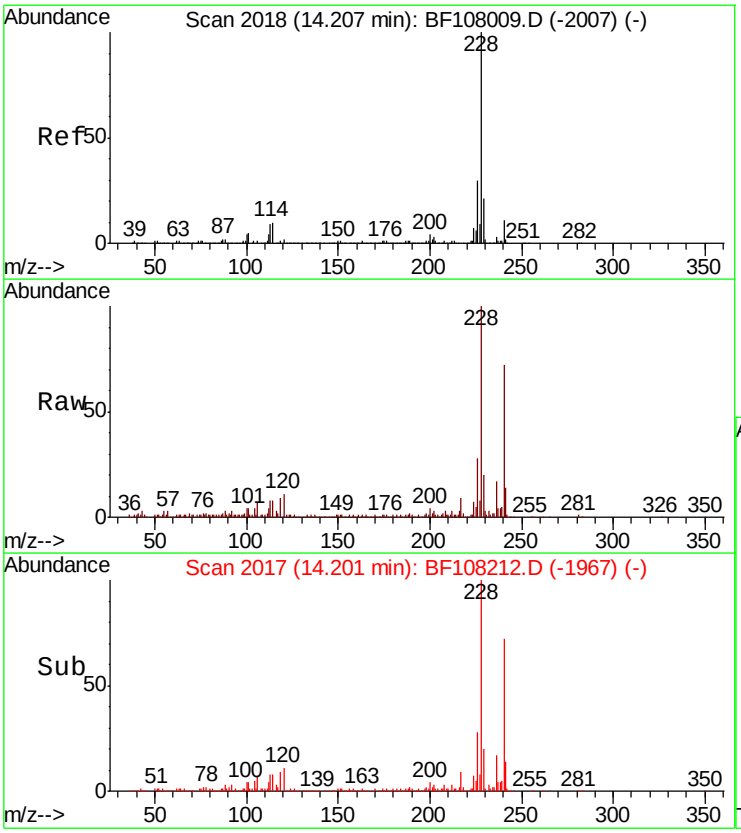
#78
Terphenyl-d14
Concen: 11.450 ng
RT: 13.14 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:244 Resp: 191349

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.0	11.0	16.4#

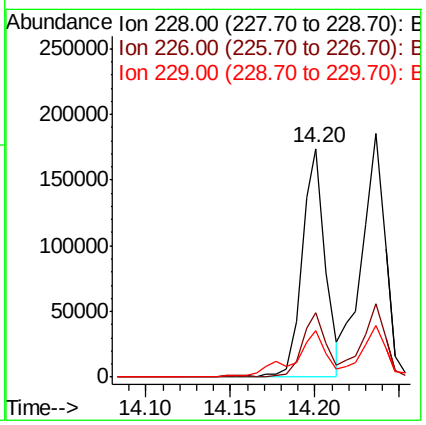


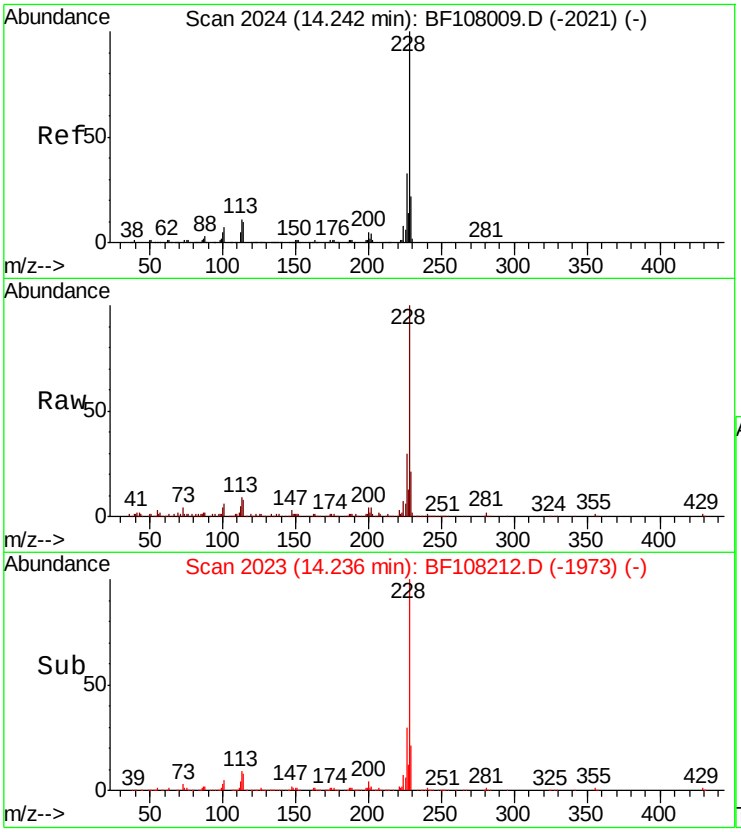


#80
Benzo(a)anthracene
Concen: 6.866 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:228 Resp: 167428

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.2	15.8	23.6



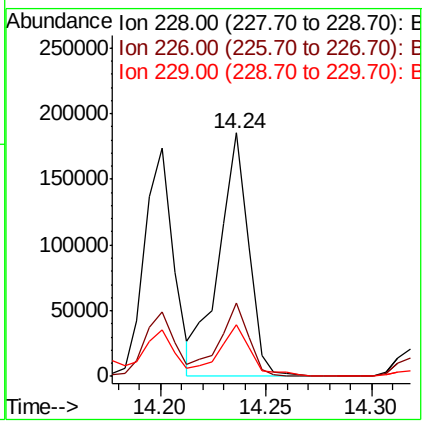


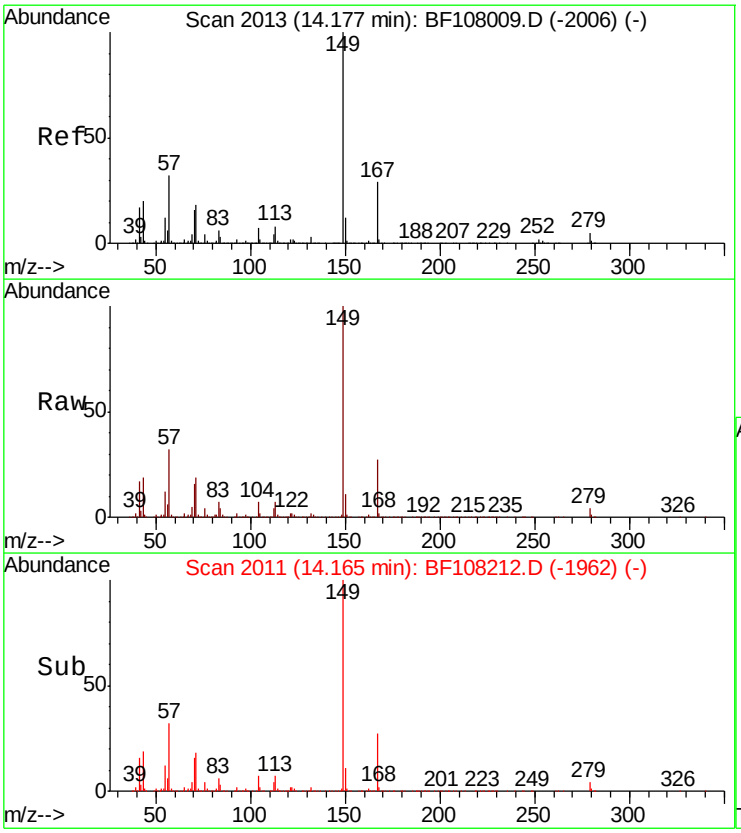
#82
Chrysene
Concen: 8.065 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:228 Resp: 180308

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.0	16.2	24.4

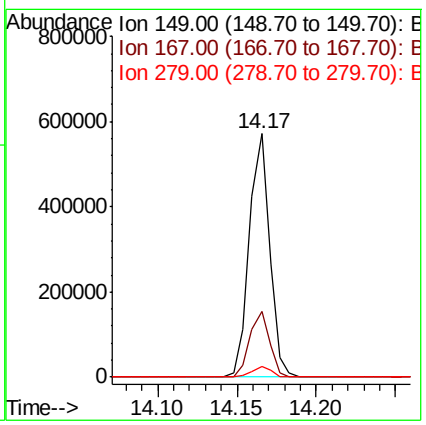


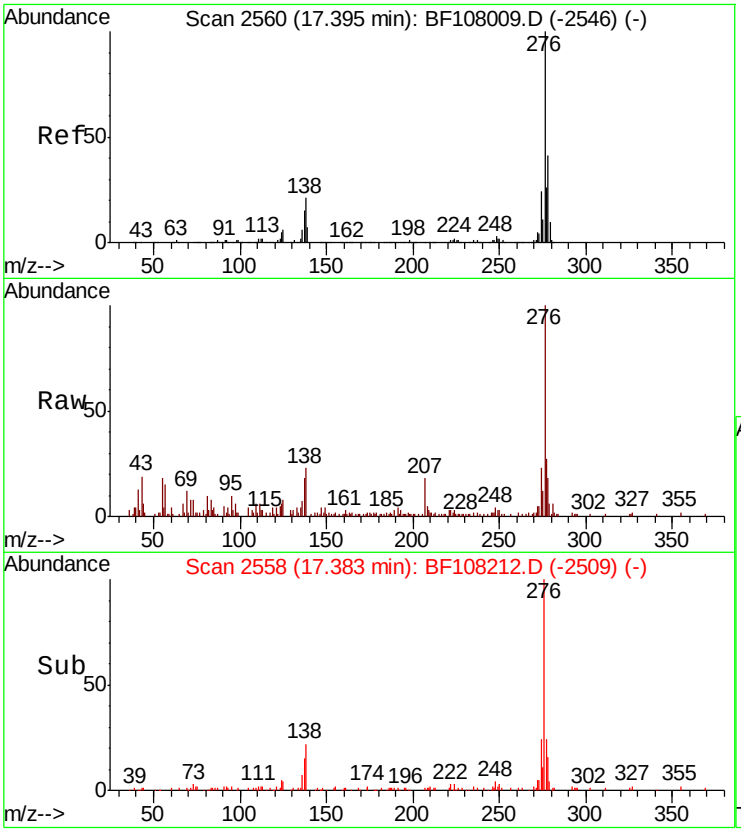


#83
Bis(2-ethylhexyl)phthalate
Concen: 35.112 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:149 Resp: 507910

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.2	3.0	4.4



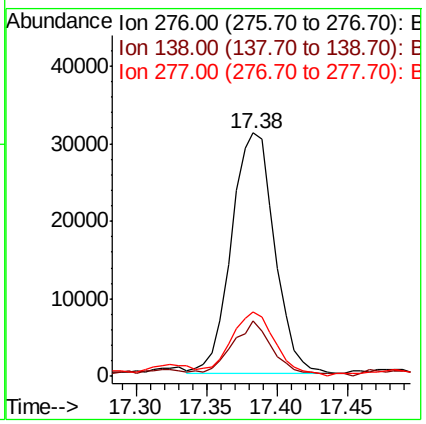


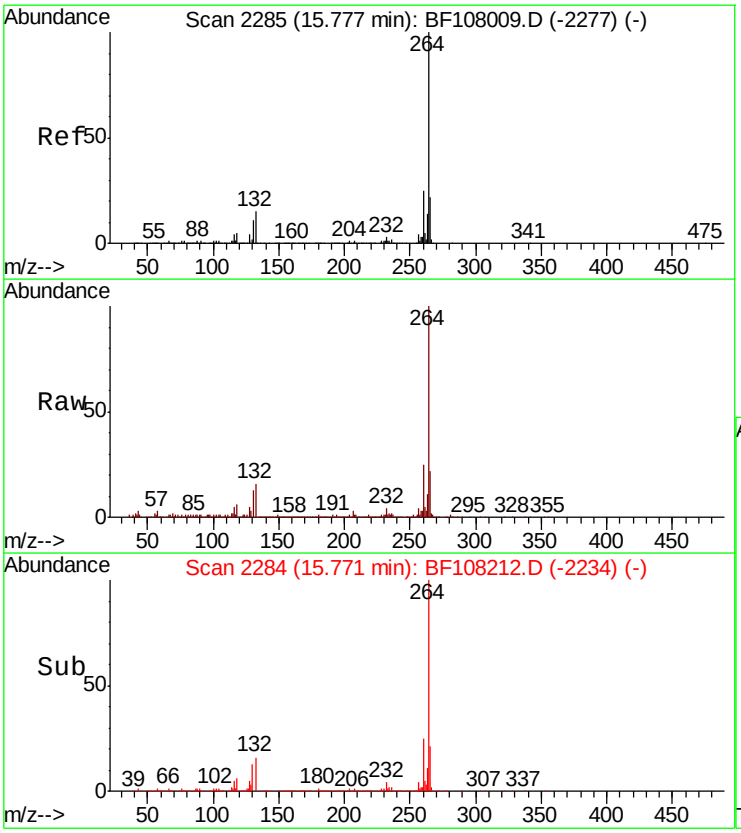
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.400 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:276 Resp: 65859

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	28.2	20.1	30.1

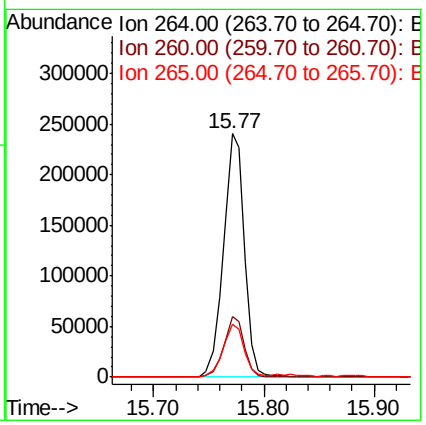


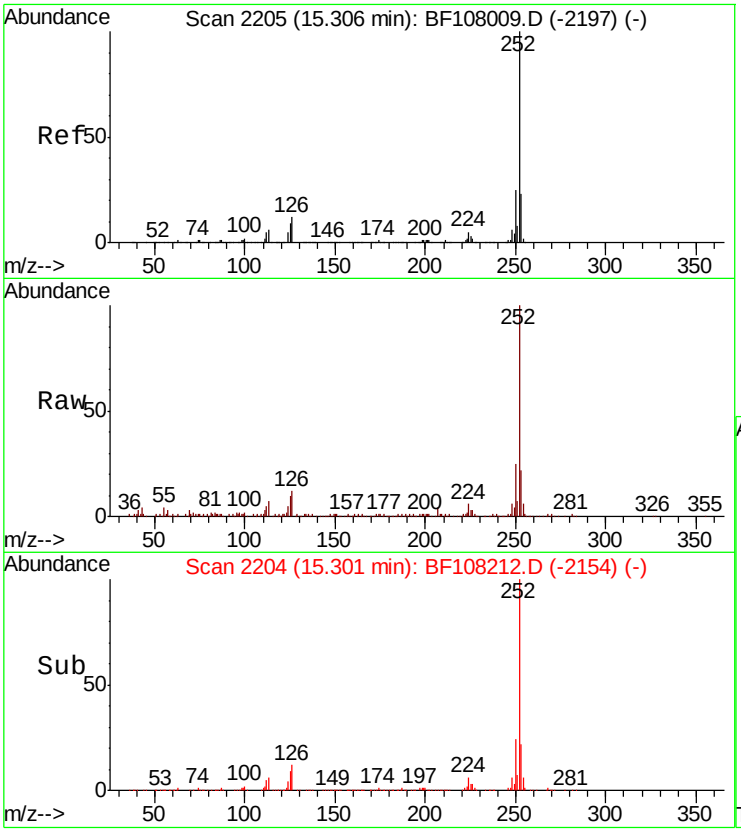


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:264 Resp: 319467

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.6	17.5	26.3



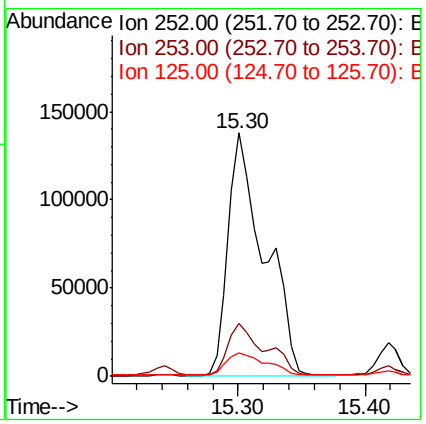


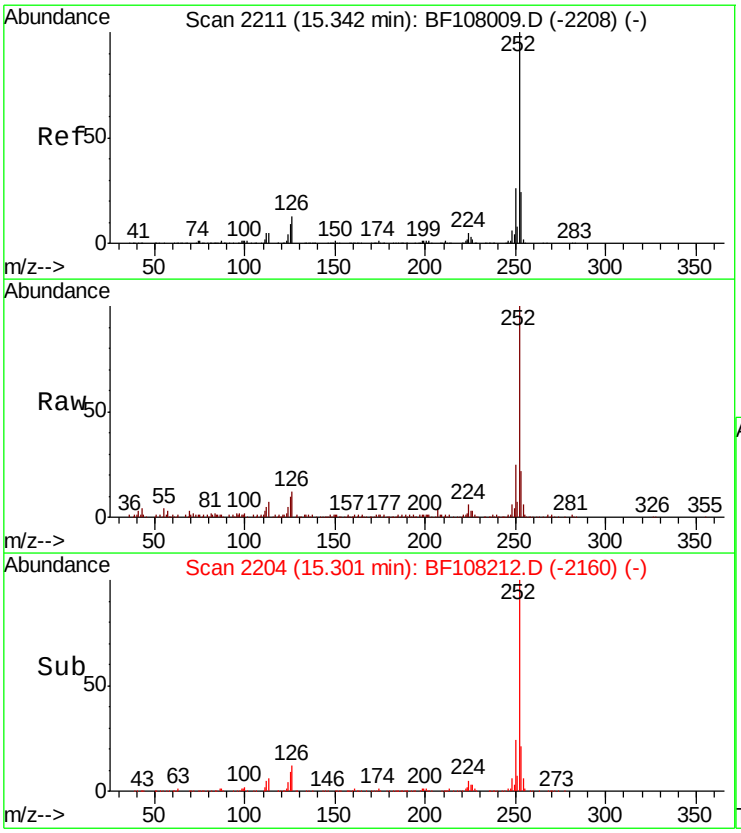
#87
Benzo(b)fluoranthene
Concen: 14.271 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:252 Resp: 272426

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.7	9.0	13.6

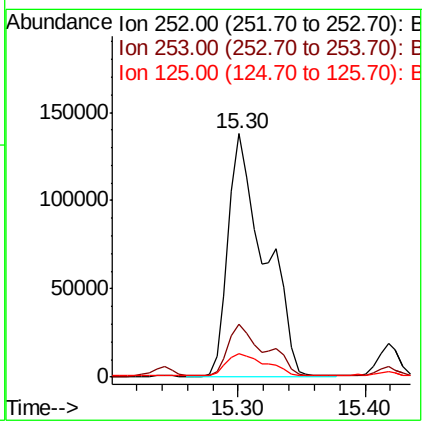


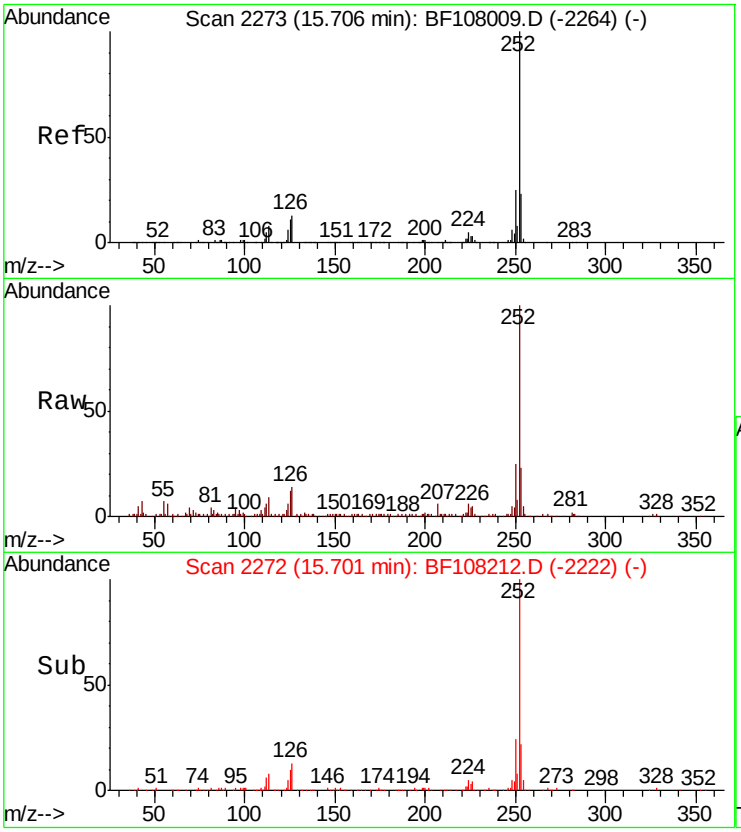


#88
Benzo(k)fluoranthene
Concen: 15.525 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:252 Resp: 272426

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.7	10.2	15.2#



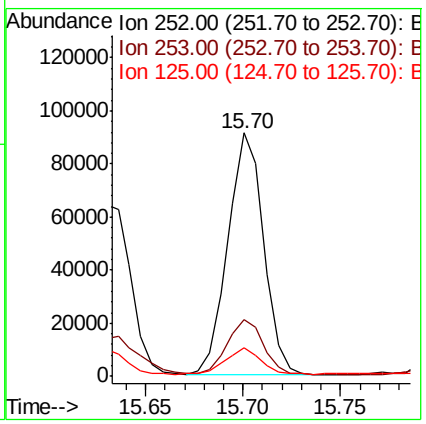


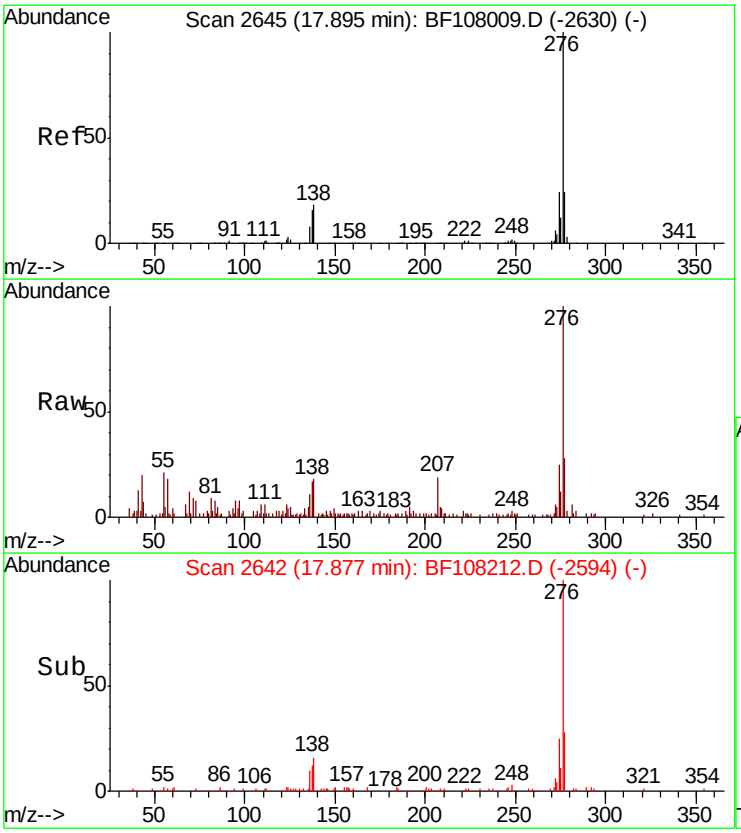
#89
Benzo(a)pyrene
Concen: 6.809 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Instrument :
BNA_F
ClientSampleId :
LSB-01(0-1)

Tgt Ion:252 Resp: 116389

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.538 ng
RT: 17.88 min Scan# 2642
Delta R.T. -0.02 min
Lab File: BF108212.D
Acq: 16 Aug 2018 23:08

Tgt Ion:276 Resp: 63204

Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	18.0	21.8	32.8#