Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108439.D
Acq On : 23 Aug 2018 23:43
Operator : JU/SJ
Sample : J4559-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081718-SSW-75-048

Quant Time: Aug 24 01:07:23 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	117938	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	462332	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	225867	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	390985	20.00	ng	0.00
75) Chrysene-d12	14.19	240	260876	20.00	ng	0.00
86) Perylene-d12	15.75	264	243727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	161777	24.83	ng	-0.01
7) Phenol-d6	6.61	99	225273	26.02	ng	-0.02
23) Nitrobenzene-d5	7.55	82	143288	17.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	42800	19.00	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	265101	18.84	ng	-0.01
78) Terphenyl-d14	13.12	244	159154	15.51	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.94	122	286	6.036	ng	# 60
49) Dimethylphthalate	9.75	163	78974	5.019	ng	# 97
50) 2,6-Dinitrotoluene	10.04	165	28749	8.734	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	28749	6.785	ng	# 23
70) Phenanthrene	11.57	178	71185	3.860	ng	97
74) Fluoranthene	12.76	202	133780	6.647	ng	93
77) Pyrene	12.99	202	117113	7.091	ng	100
80) Benzo(a)anthracene	14.18	228	56993	3.807	ng	97
82) Chrysene	14.22	228	50881	3.707	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	23963	2.015	ng	# 89
87) Benzo(b)fluoranthene	15.28	252	89569	6.150	ng	# 82
88) Benzo(k)fluoranthene	15.28	252	89569	6.690	ng	# 85
89) Benzo(a)pyrene	15.68	252	41455	3.179	ng	# 82
91) Benzo(g,h,i)perylene	17.85	276	21549	2.028	ng	# 92

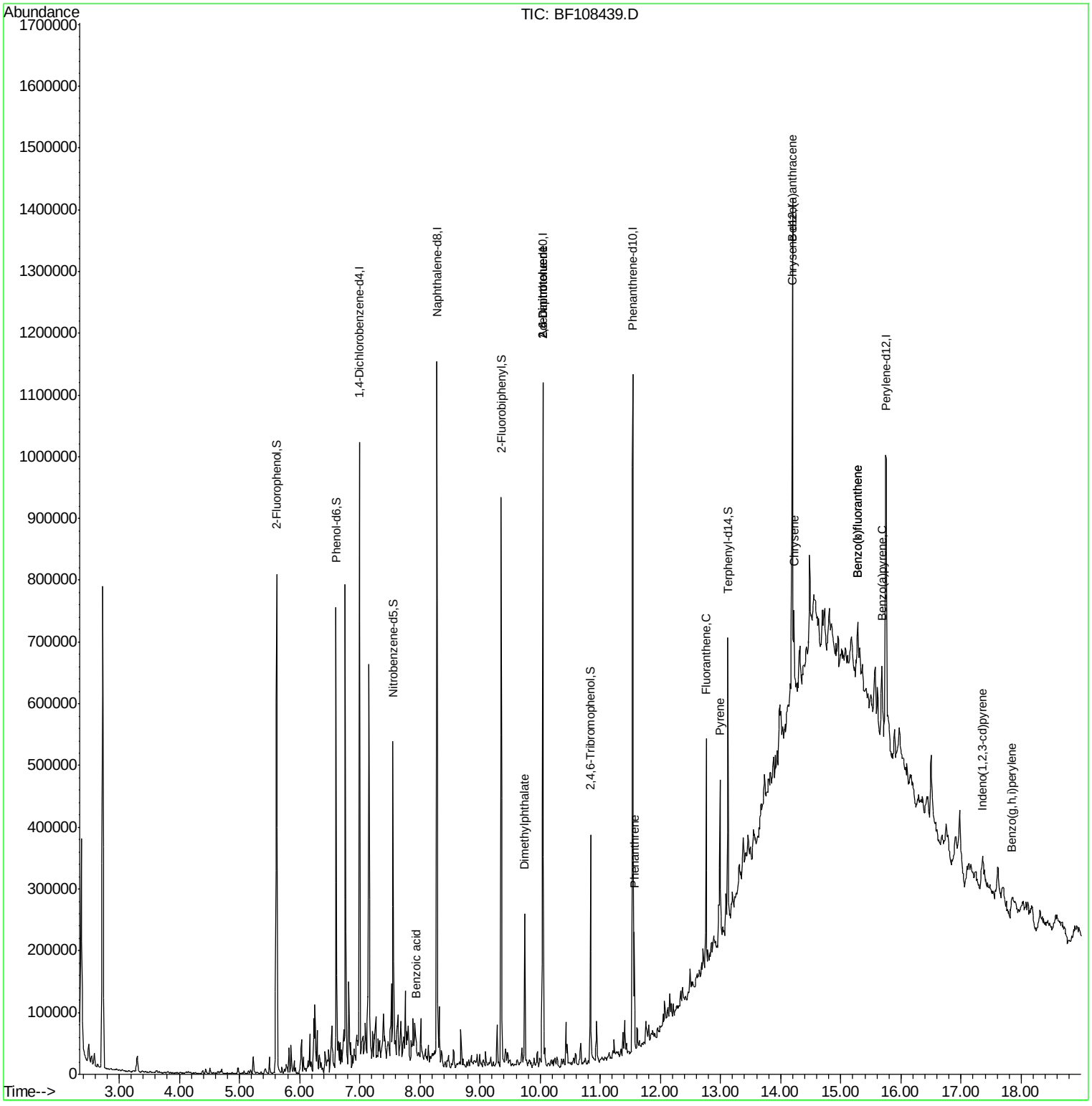
(#) = qualifier out of range (m) = manual integration (+) = signals summed

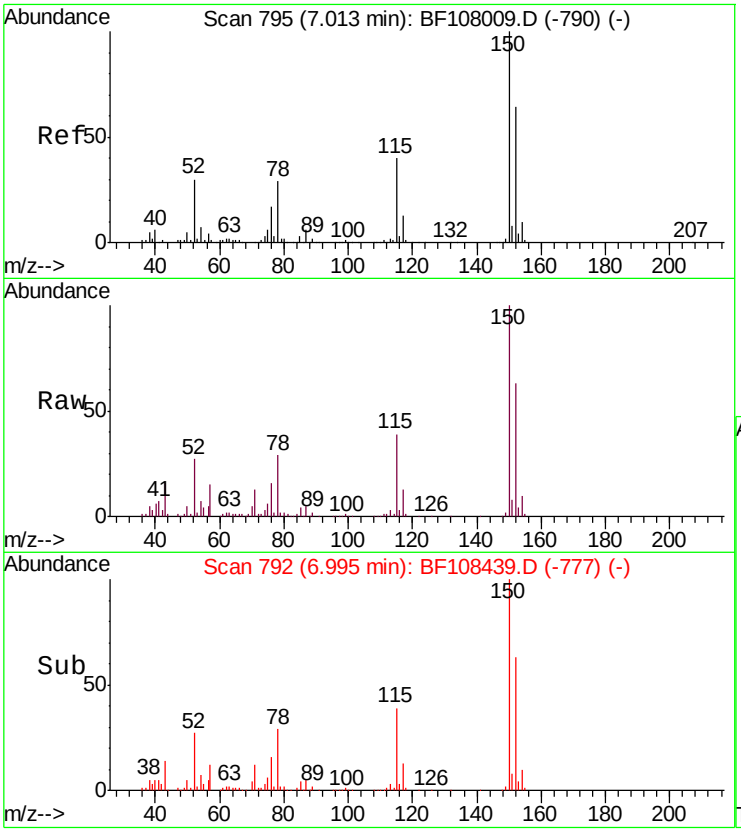
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108439.D
Acq On : 23 Aug 2018 23:43
Operator : JU/SJ
Sample : J4559-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Quant Time: Aug 24 01:07:23 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 22 11:01:45 2018
Response via : Initial Calibration



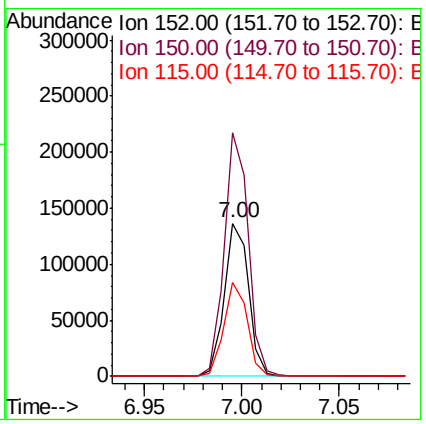


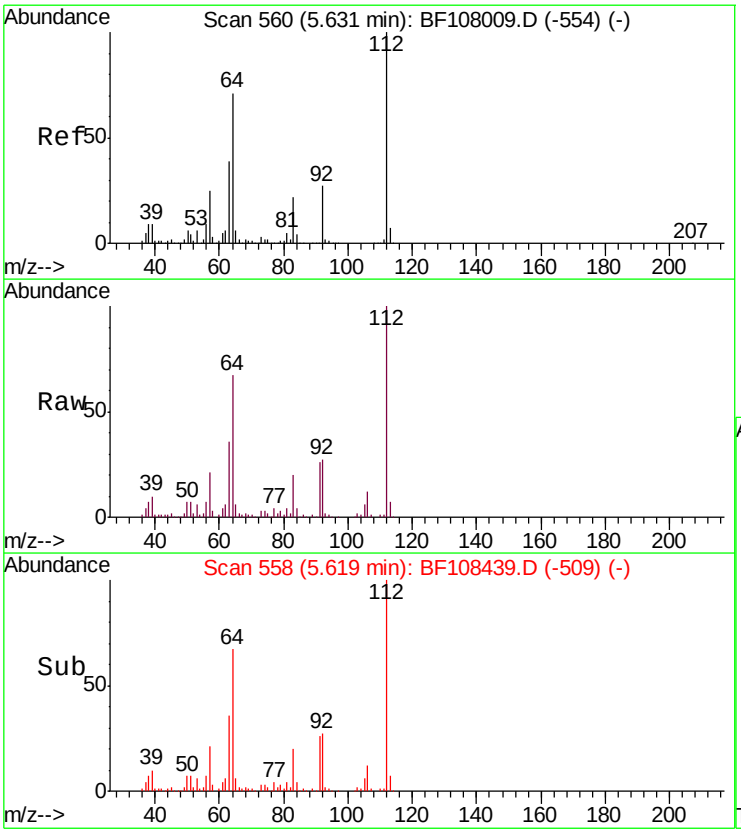
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:152 Resp: 117938

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.5	50.1	75.1

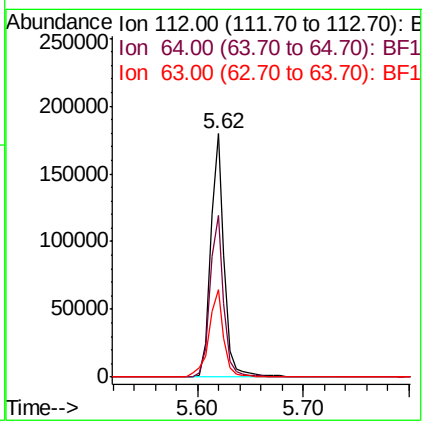


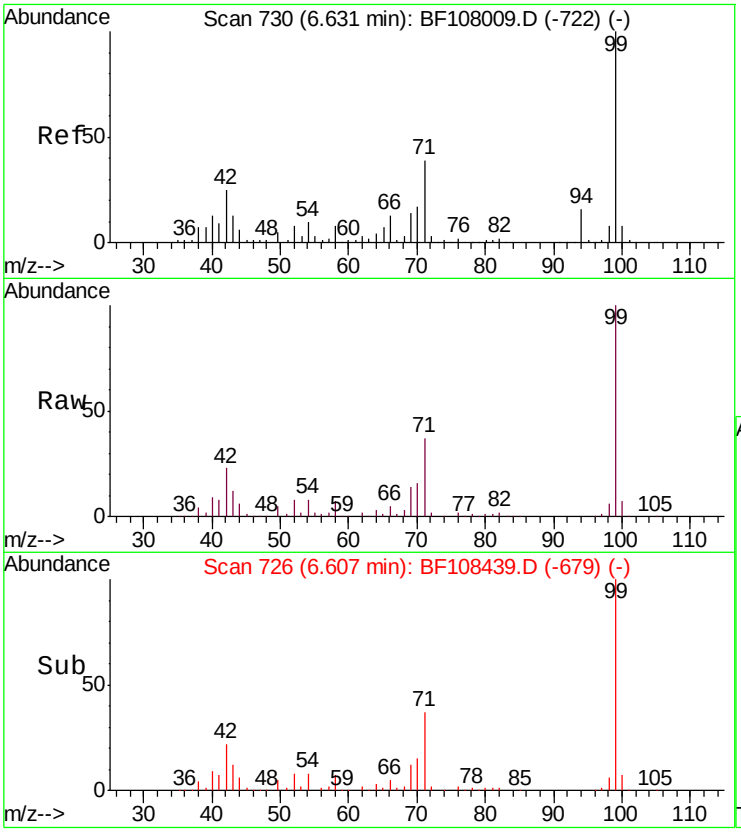


#5
2-Fluorophenol
Concen: 24.834 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:112 Resp: 161777

Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	35.7	23.7	35.5#



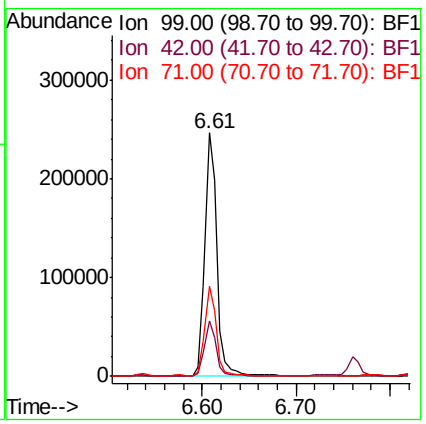


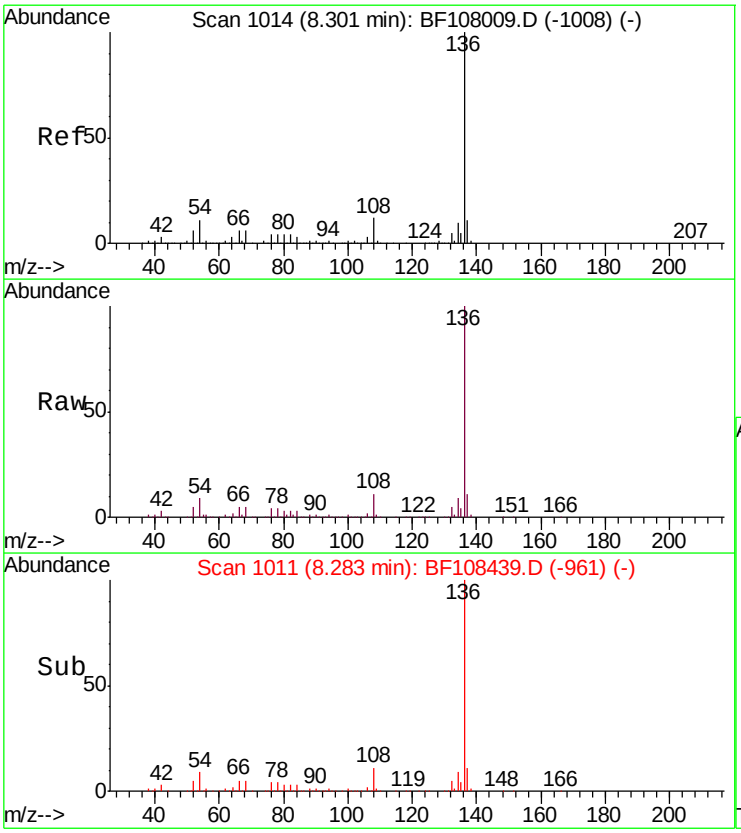
#7
Phenol-d6
Concen: 26.023 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion: 99 Resp: 225273

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.8	25.4	38.0

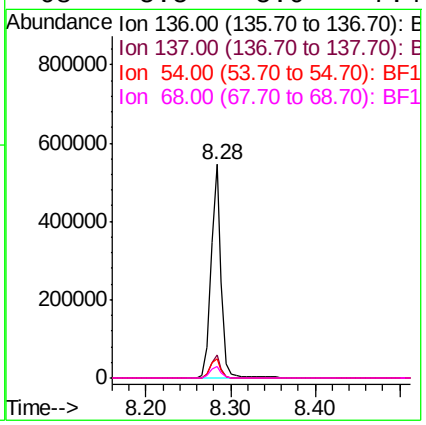


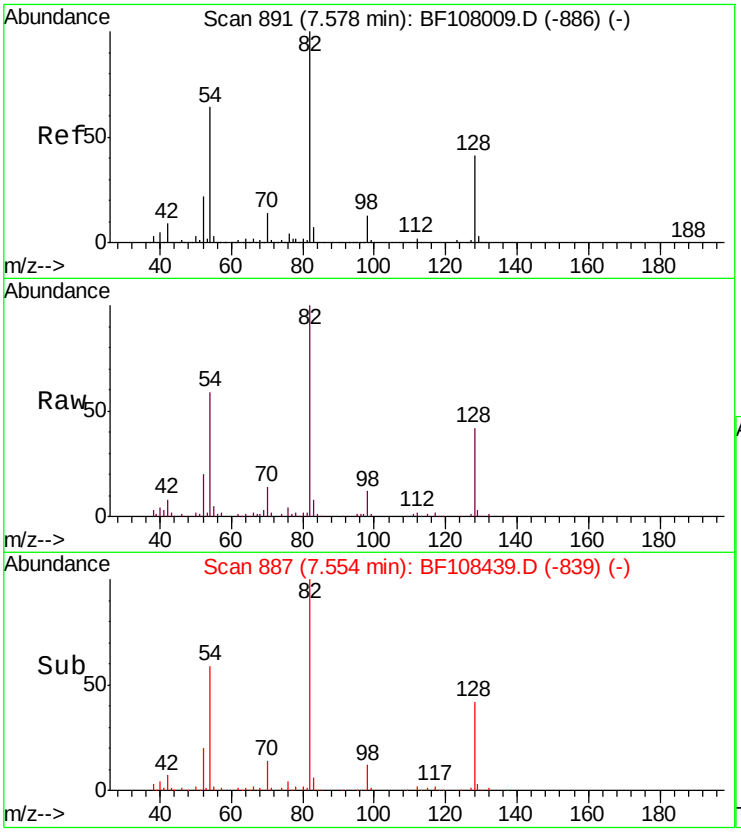


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:136 Resp: 462332

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	5.5	5.0	7.4



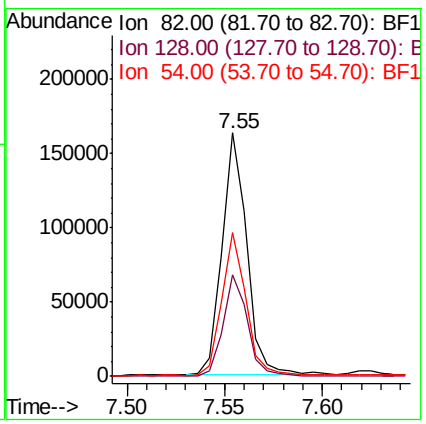


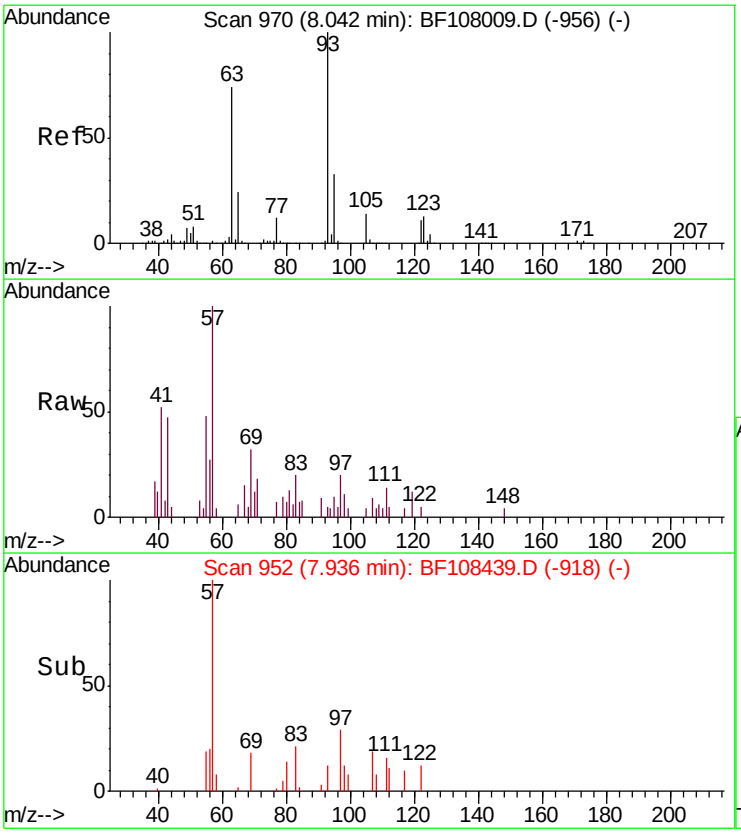
#23
Nitrobenzene-d5
Concen: 17.294 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion: 82 Resp: 143288

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	59.1	41.4	62.2

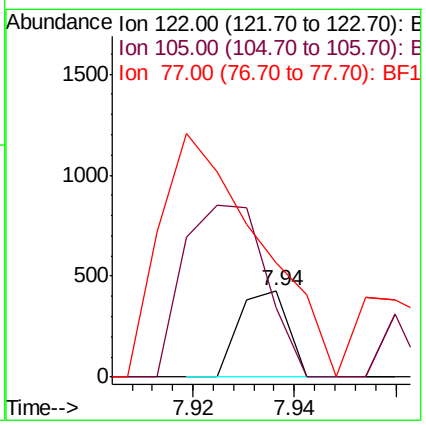


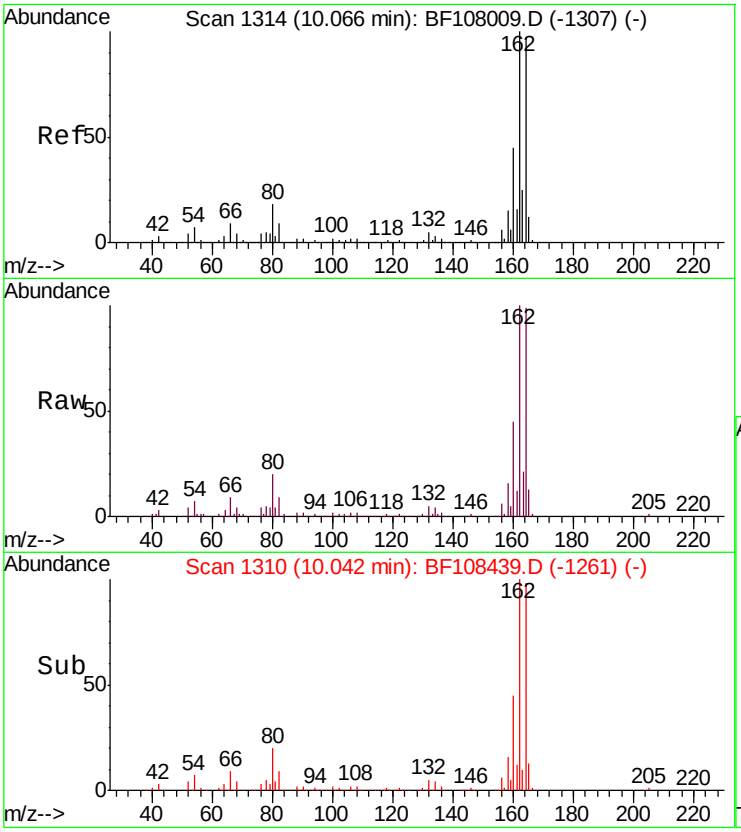


#32
Benzoic acid
Concen: 6.036 ng
RT: 7.94 min Scan# 952
Delta R.T. -0.10 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:122 Resp: 286

Ion	Ratio	Lower	Upper
122	100		
105	81.0	101.1	141.1#
77	133.3	70.7	110.7#



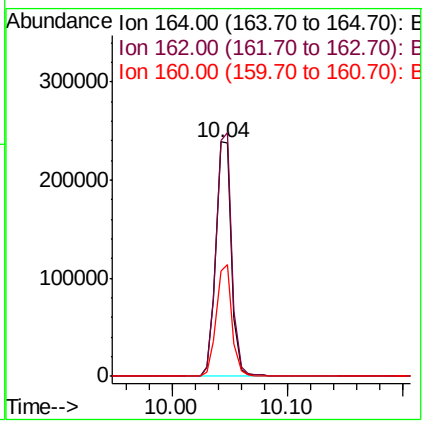


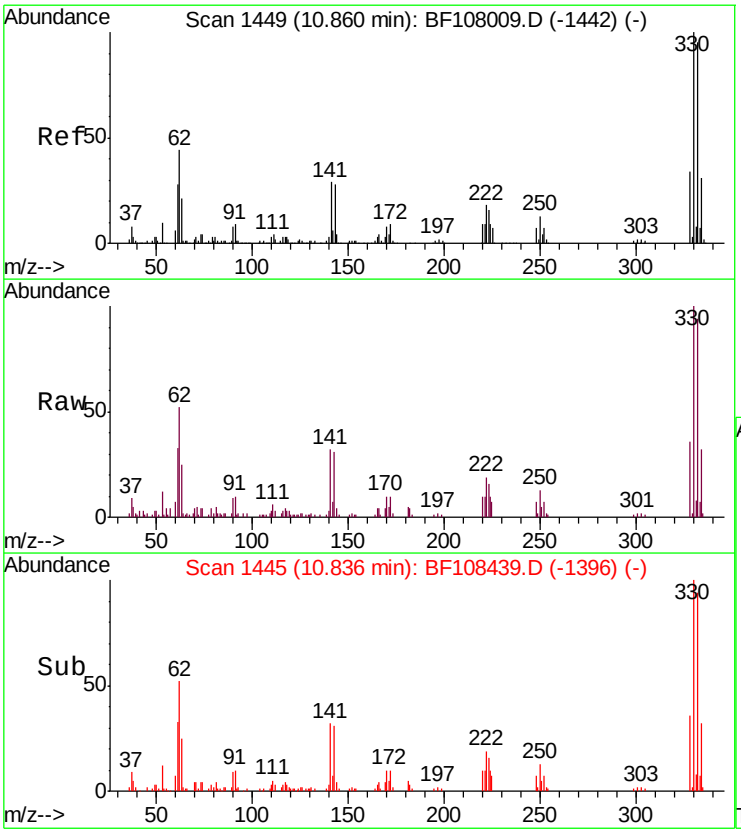
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:164 Resp: 225867

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.0	38.3	57.5

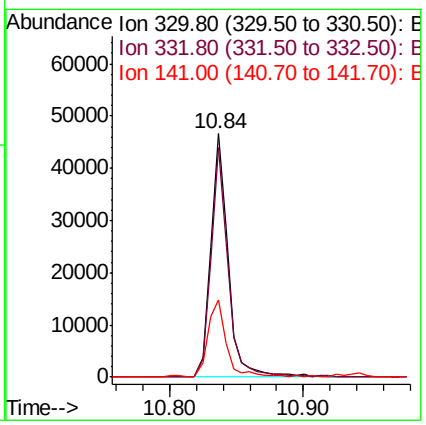


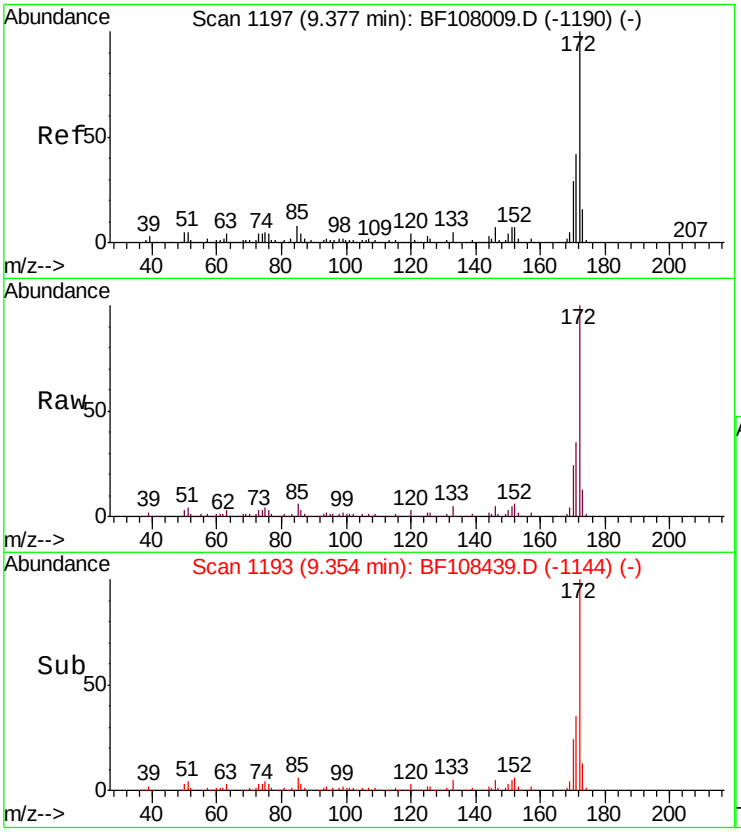


#41
2,4,6-Tribromophenol
Concen: 18.997 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:330 Resp: 42800

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	33.7	29.9	44.9



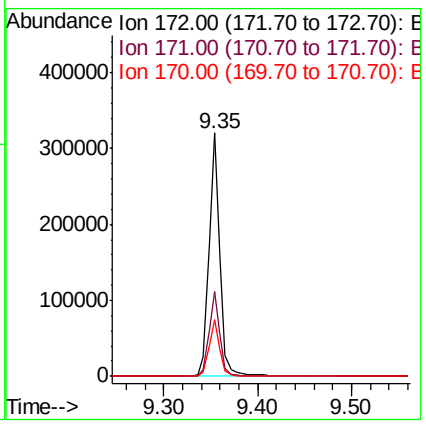


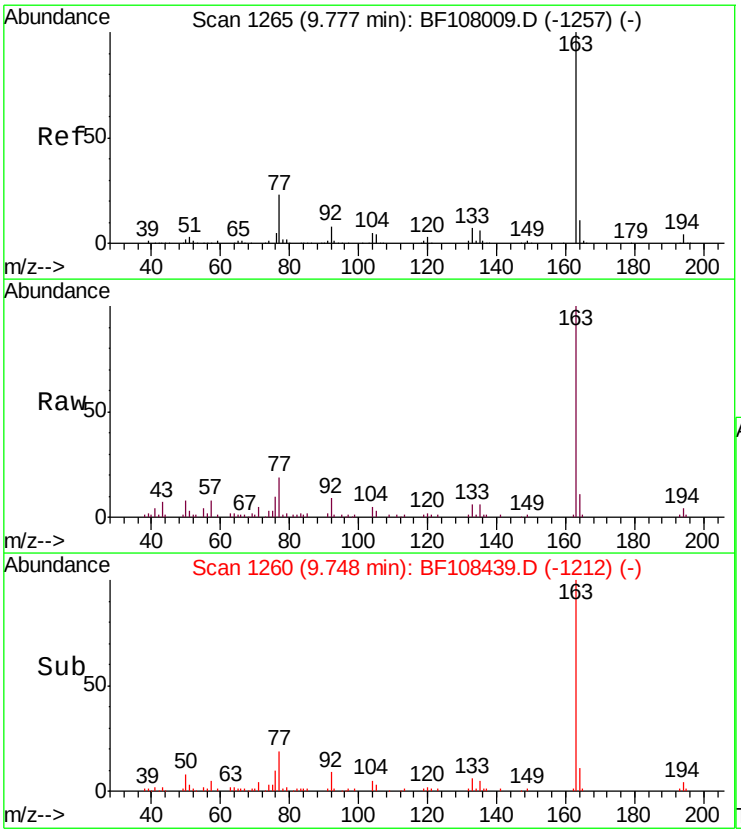
#44
2-Fluorobiphenyl
Concen: 18.843 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:172 Resp: 265101

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.5	19.6	29.4

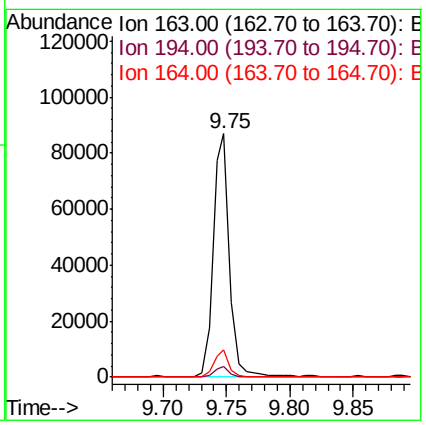


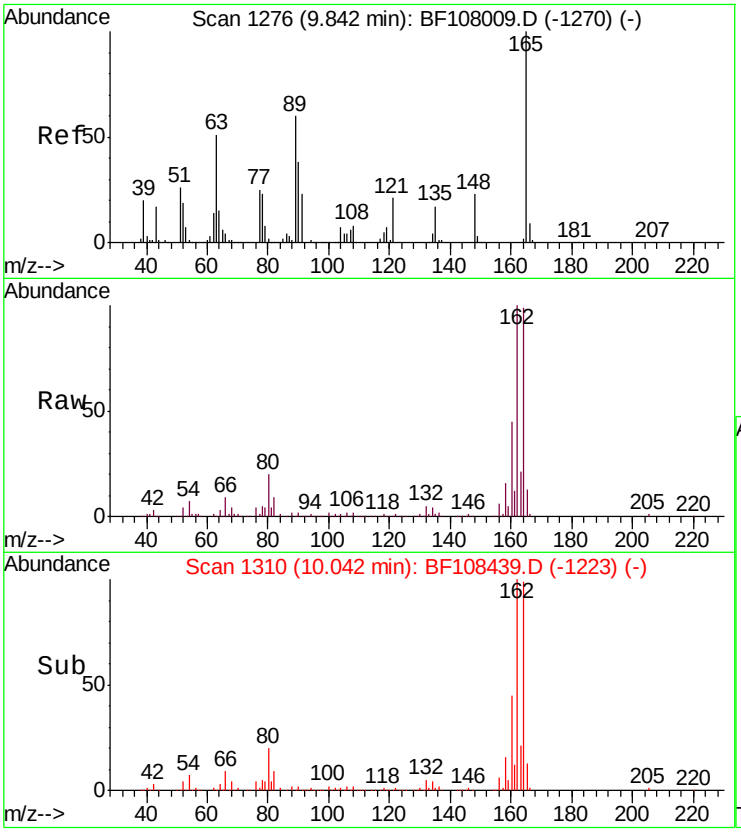


#49
Dimethylphthalate
Concen: 5.019 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:163 Resp: 78974

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	11.2	8.2	12.2



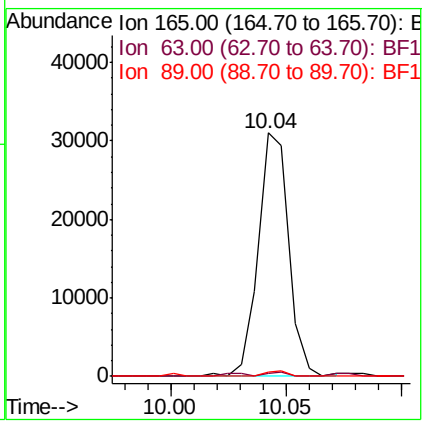


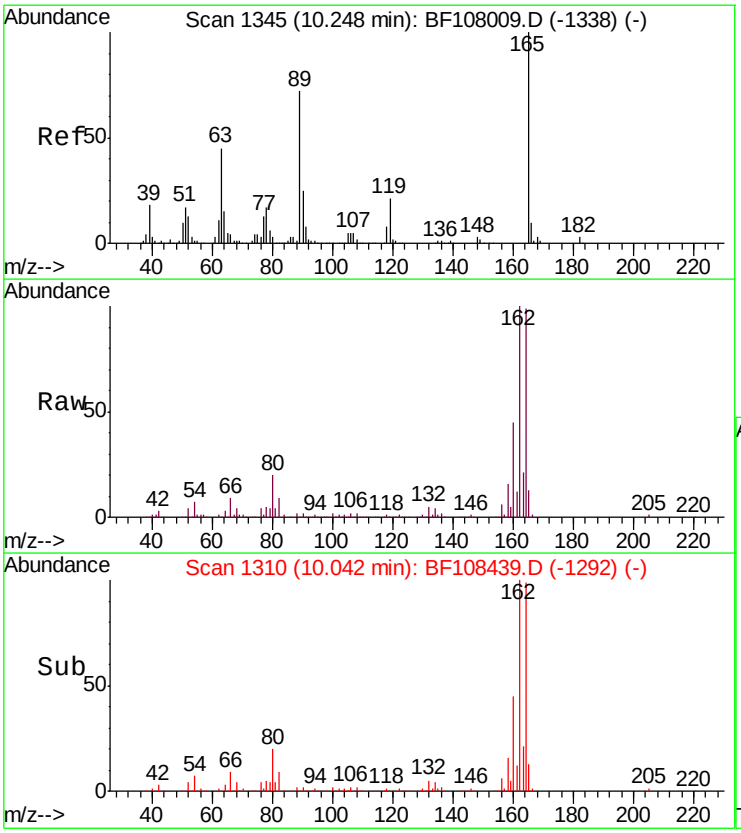
#50
2,6-Dinitrotoluene
Concen: 8.734 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:165 Resp: 28749

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

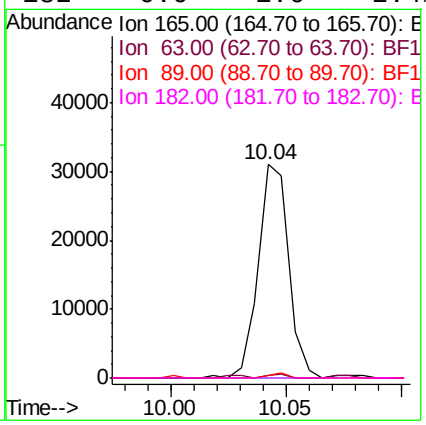


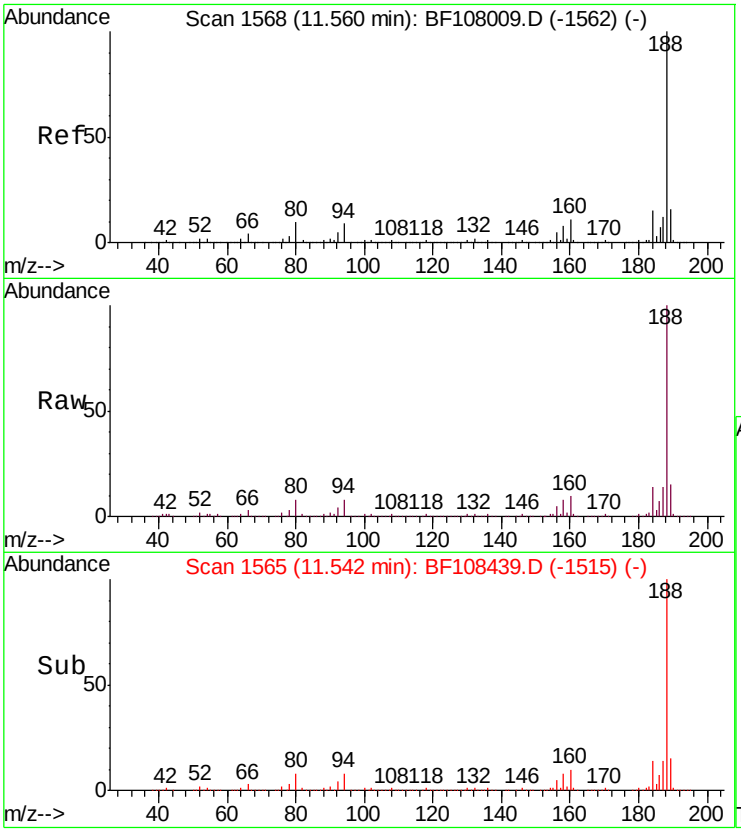


#56
2,4-Dinitrotoluene
Concen: 6.785 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:165 Resp: 28749

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



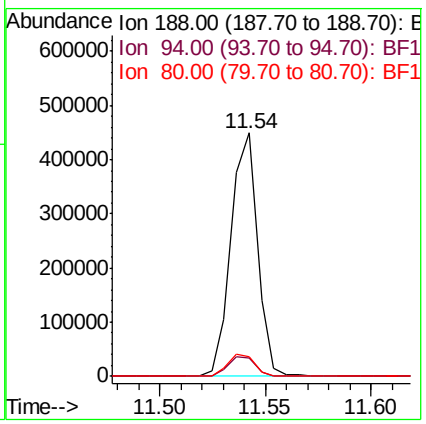


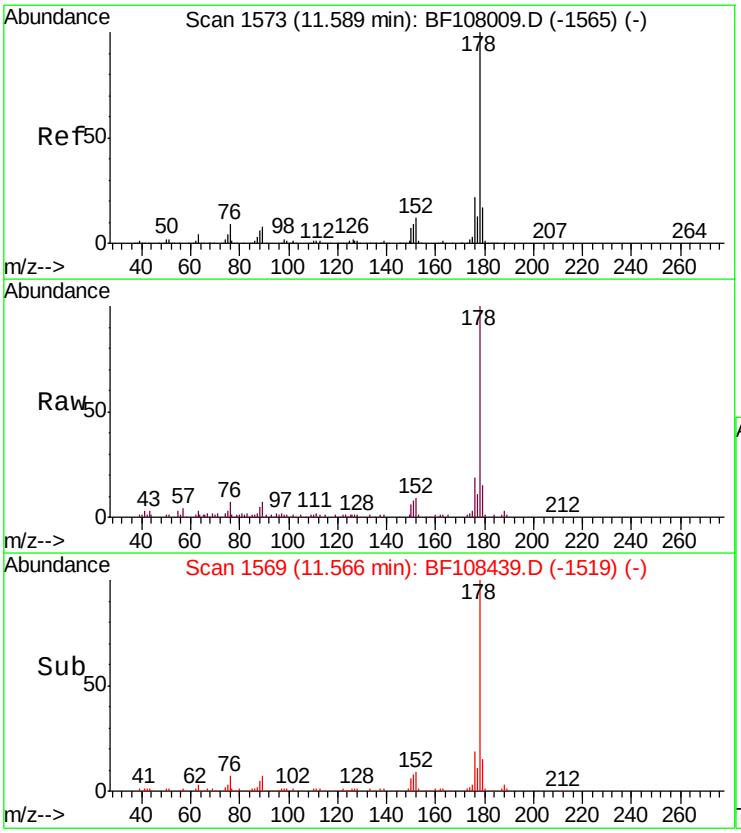
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:188 Resp: 390985

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.2	9.2	13.8#

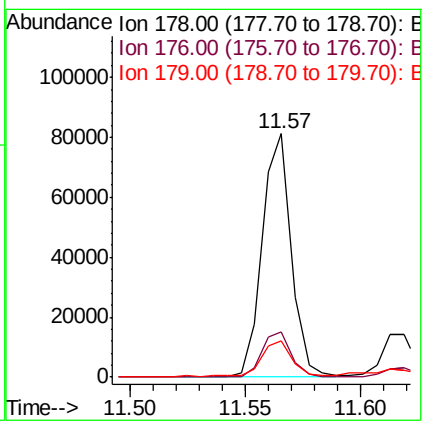


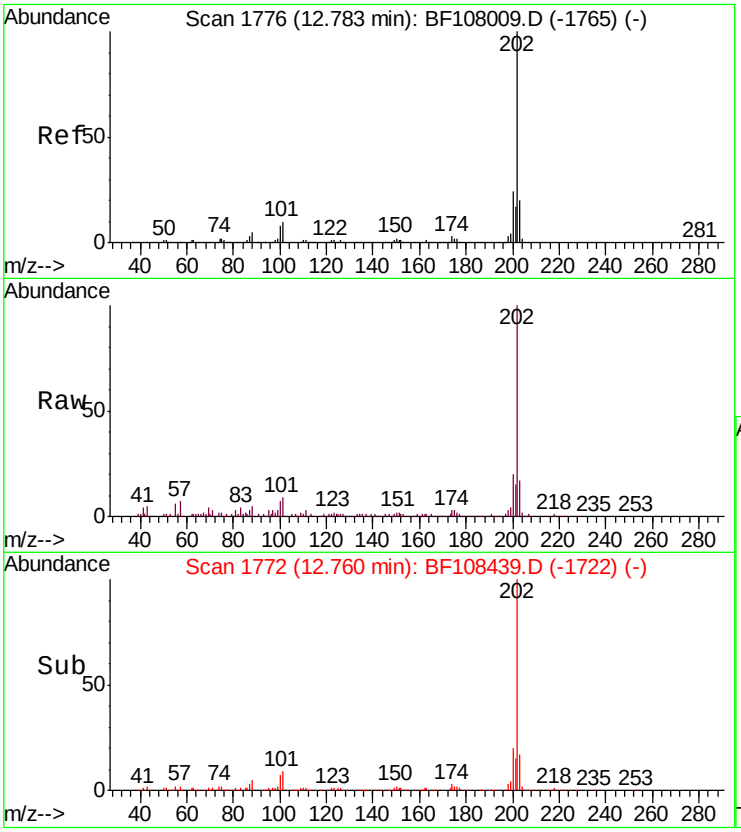


#70
Phenanthrene
Concen: 3.860 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:178 Resp: 71185

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.9	13.0	19.6



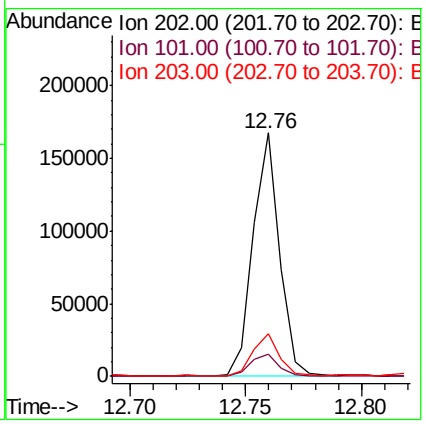


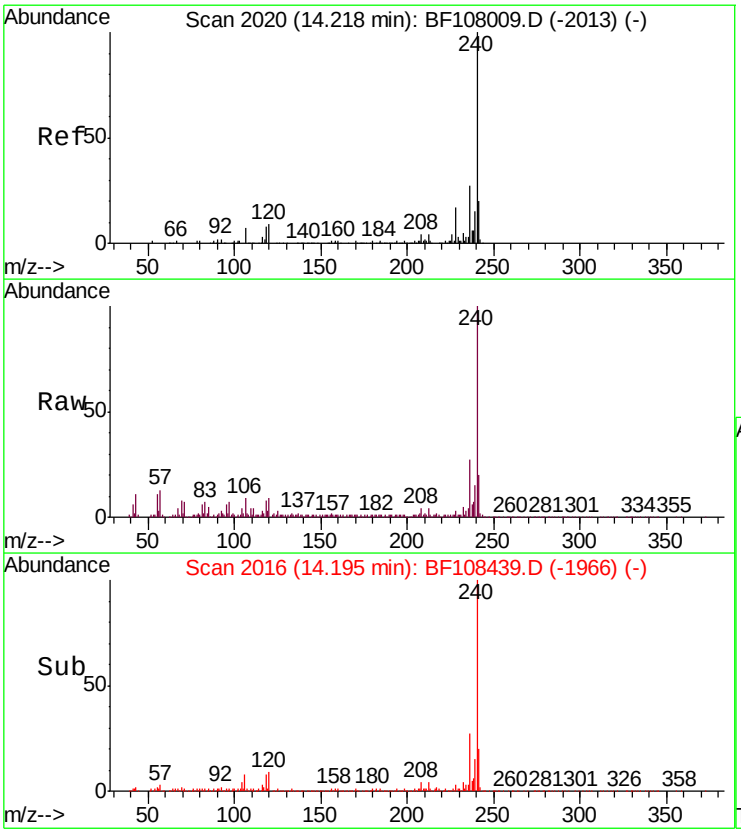
#74
Fluoranthene
Concen: 6.647 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:202 Resp: 133780

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.1
203	17.4	0.0	38.1

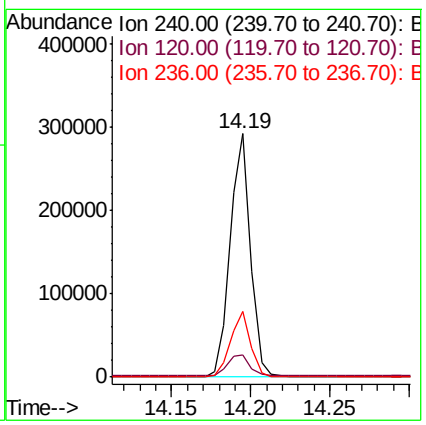


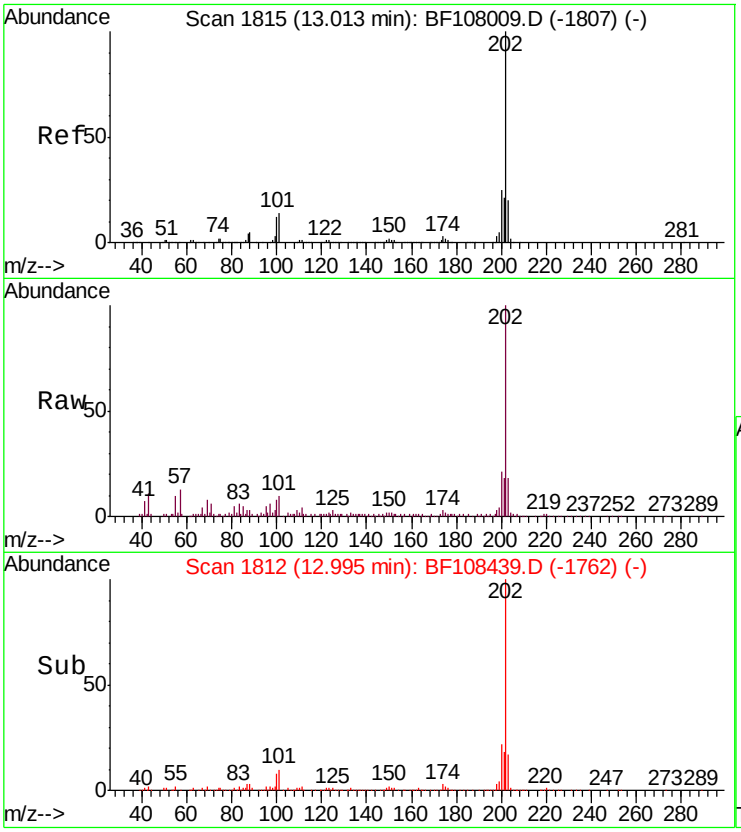


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:240 Resp: 260876

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.8	20.7	31.1



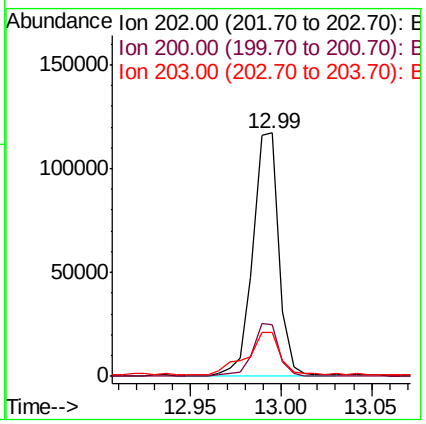


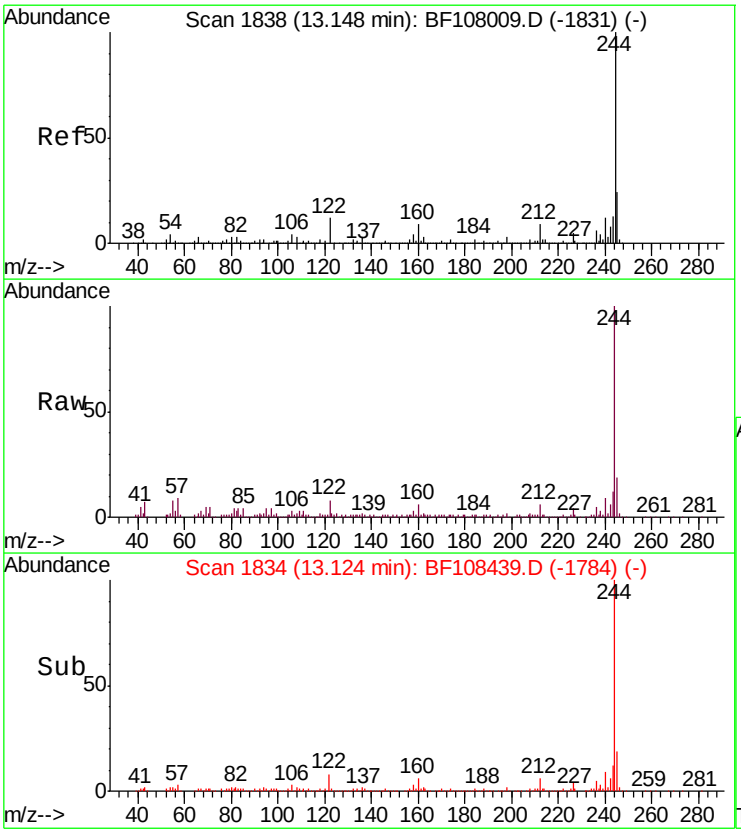
#77
Pyrene
Concen: 7.091 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:202 Resp: 117113

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

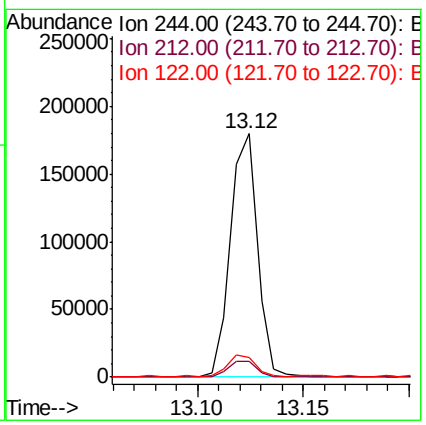


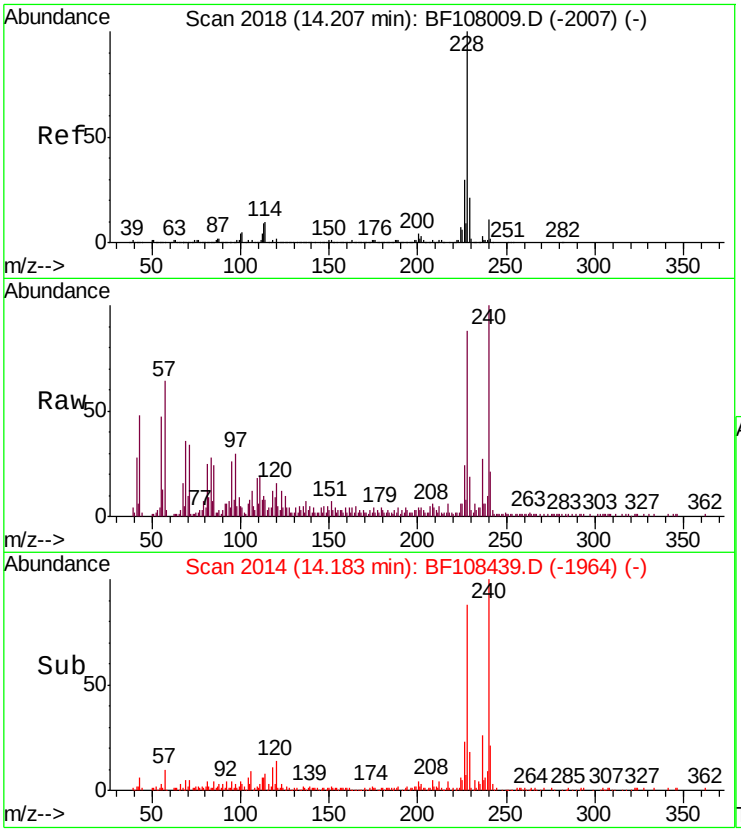


#78
Terphenyl-d14
Concen: 15.512 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:244 Resp: 159154

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.2	11.0	16.4#



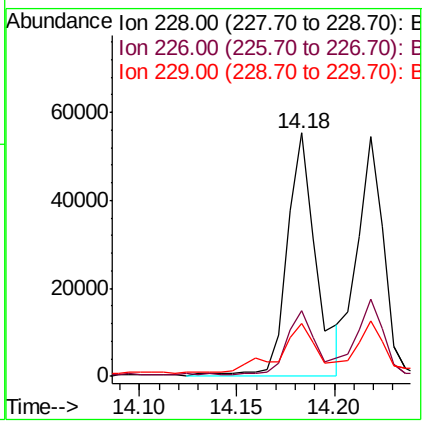


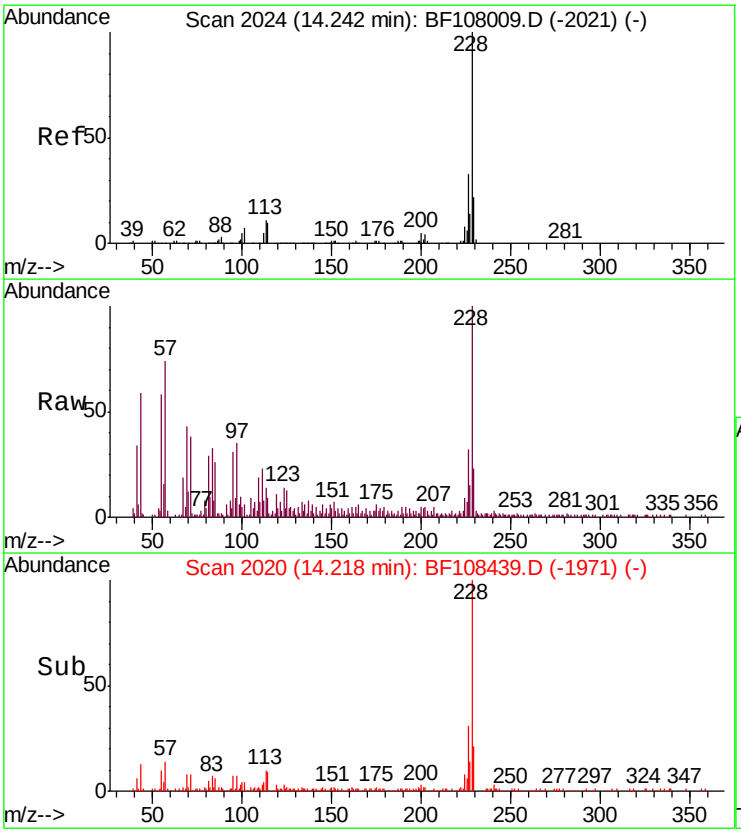
#80
Benzo(a)anthracene
Concen: 3.807 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:228 Resp: 56993

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	21.5	15.8	23.6

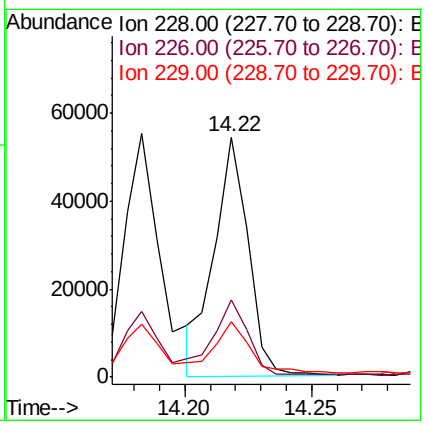


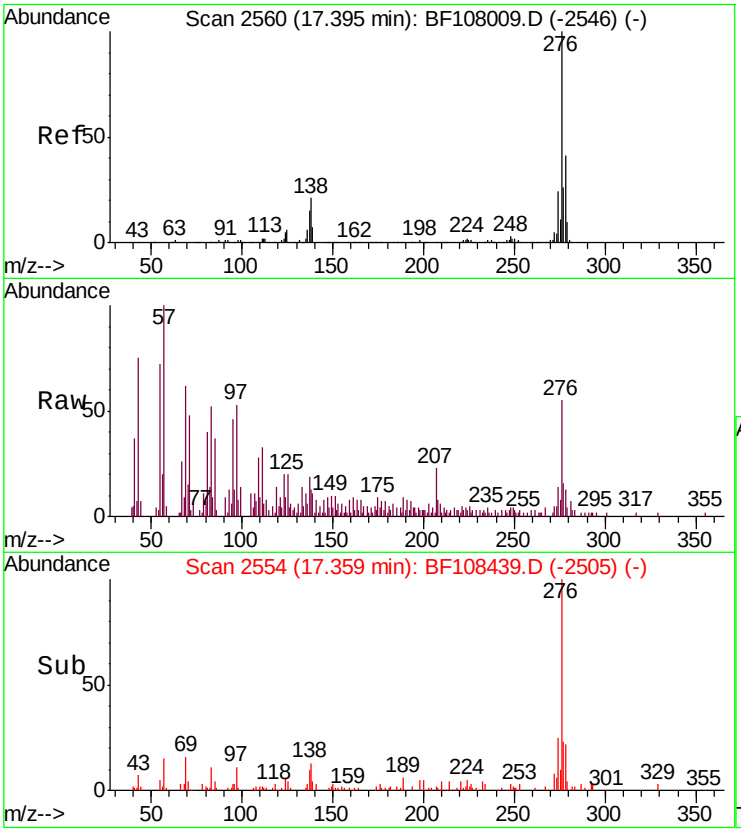


#82
Chrysene
Concen: 3.707 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:228 Resp: 50881

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	23.3	16.2	24.4



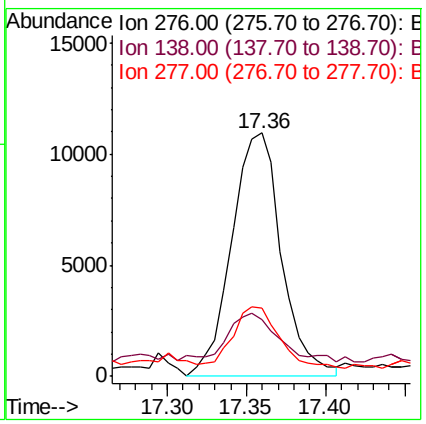


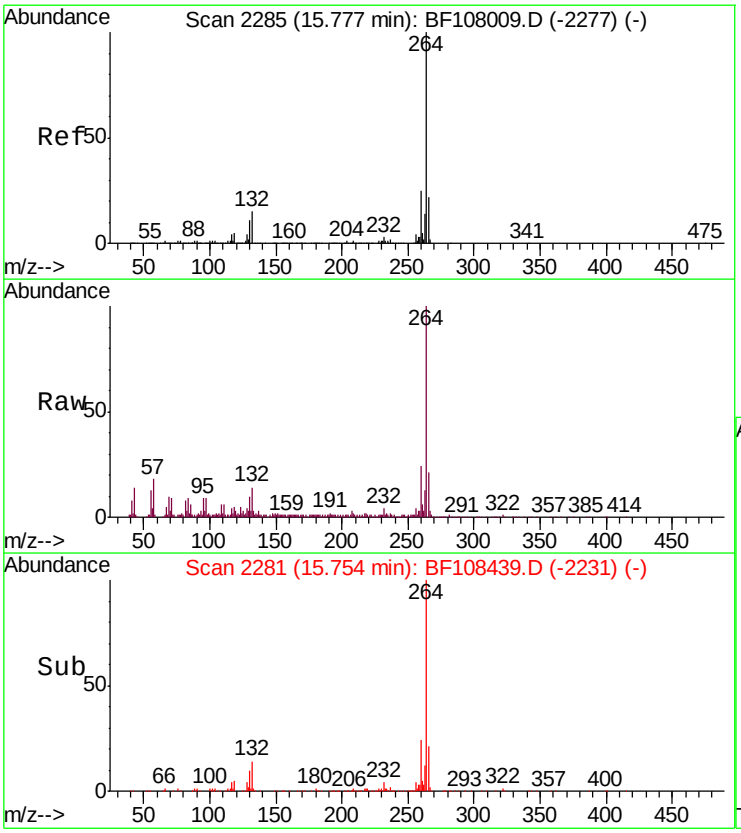
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.015 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:276 Resp: 23963

Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	23.5	20.1	30.1

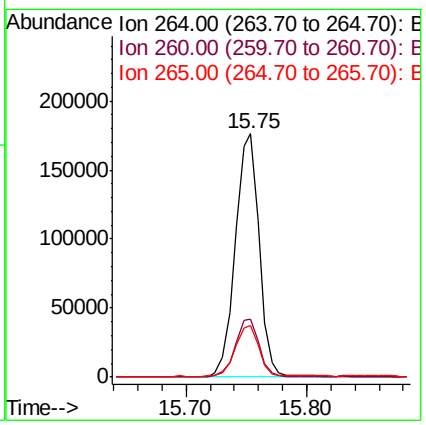


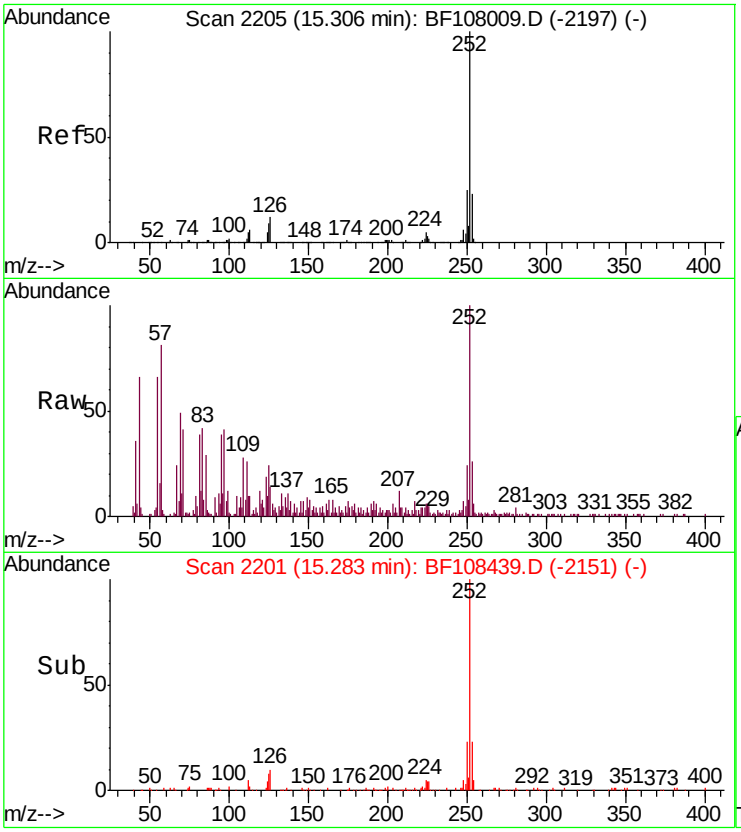


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:264 Resp: 243727

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3



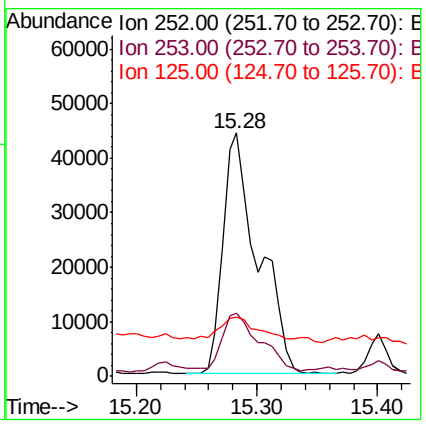


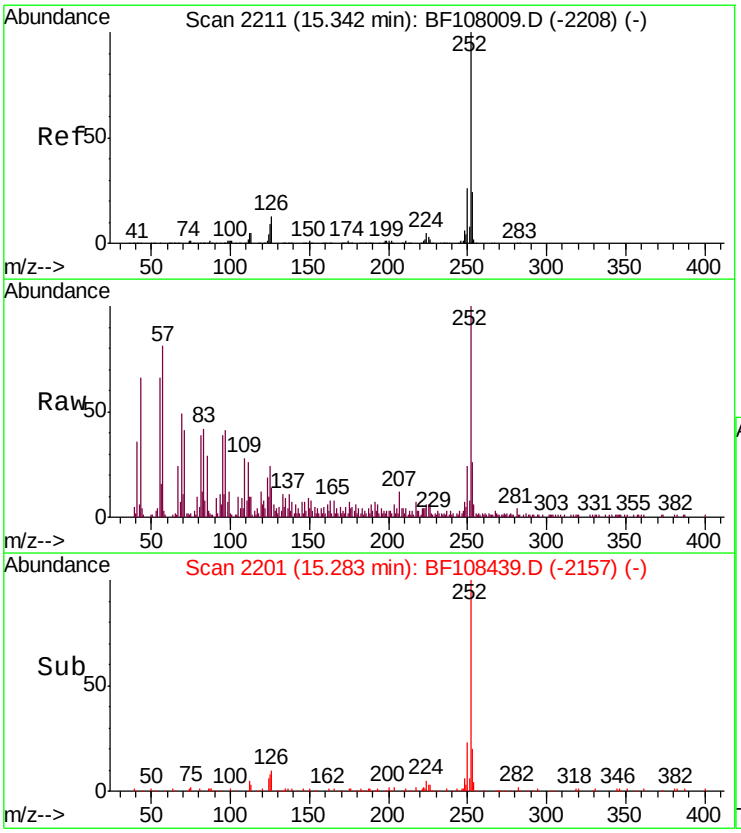
#87
Benzo(b)fluoranthene
Concen: 6.150 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:252 Resp: 89569

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	24.1	9.0	13.6#

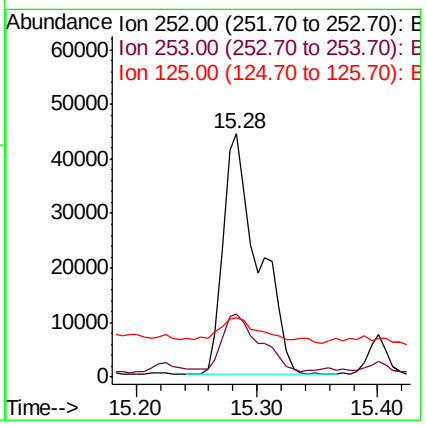


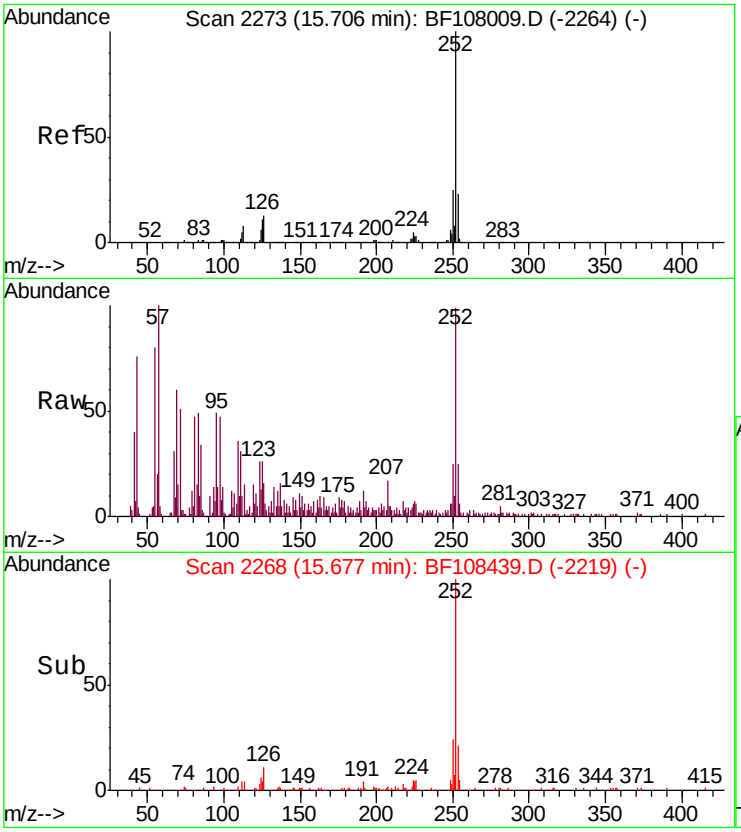


#88
Benzo(k)fluoranthene
Concen: 6.690 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:252 Resp: 89569

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	24.1	10.2	15.2#



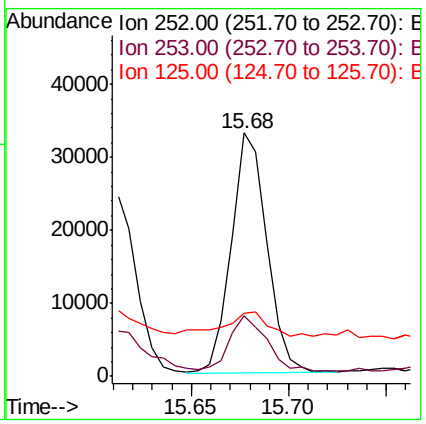


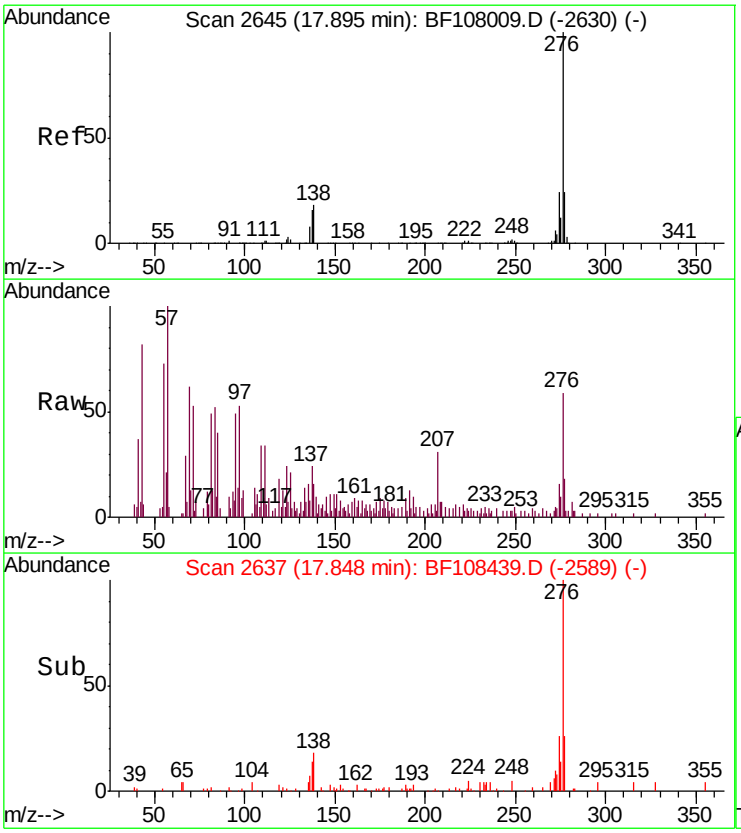
#89
Benzo(a)pyrene
Concen: 3.179 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:252 Resp: 41455

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	26.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.028 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF108439.D
Acq: 23 Aug 2018 23:43

Tgt Ion:276 Resp: 21549

Ion	Ratio	Lower	Upper
276	100		
277	30.7	17.9	26.9#
138	27.0	21.8	32.8