Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 18:02:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	69232	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	277521	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	119879	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	231582	20.00	ng		0.00
75) Chrysene-d12	14.20	240	221769	20.00	ng		0.00
86) Perylene-d12	15.75	264	162725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	187615	47.08	ng		0.00
7) Phenol-d6	6.64	99	366693	64.24	ng		0.00
23) Nitrobenzene-d5	7.57	82	235564	43.08	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	92906	58.71	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	477102	53.51	ng		0.00
78) Terphenyl-d14	13.12	244	470977	41.26	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	30111	7.877	ng	#	83
25) Isophorone	7.57	82	235564	25.936	ng	#	64
49) Dimethylphthalate	9.74	163	163551	17.325	ng		99
55) 4-Nitrophenol	10.25	139	2327	6.284	ng	#	23
56) 2,4-Dinitrotoluene	10.04	165	15725	5.708	ng	#	21
70) Phenanthrene	11.57	178	176018	15.058	ng		98
71) Anthracene	11.57	178	176018	14.331	ng		99
74) Fluoranthene	12.76	202	236850	18.001	ng		94
77) Pyrene	12.99	202	188029	11.279	ng		98
80) Benzo(a)anthracene	14.18	228	58452	4.324	ng		97
82) Chrysene	14.22	228	90533	6.963	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	32016	3.553	ng		100
85) Indeno(1,2,3-cd)pyrene	17.38	276	32005	3.540	ng	#	85
87) Benzo(b)fluoranthene	15.29	252	126536	12.659	ng		96
88) Benzo(k)fluoranthene	15.29	252	126536	12.778	ng		99
89) Benzo(a)pyrene	15.69	252	55866	6.184	ng	#	90
91) Benzo(g,h,i)perylene	17.87	276	33973	4.845	ng		91

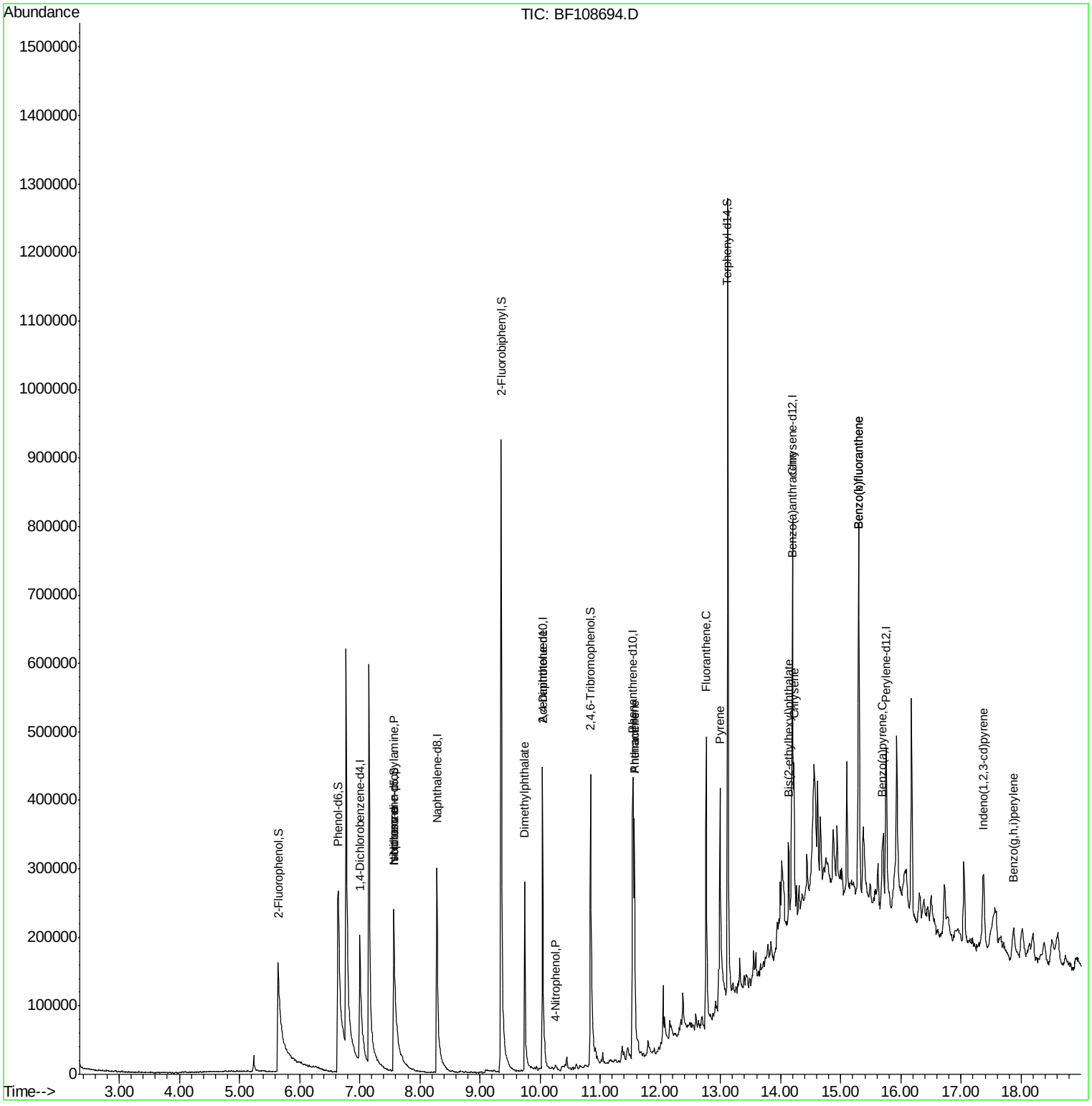
(#) = qualifier out of range (m) = manual integration (+) = signals summed

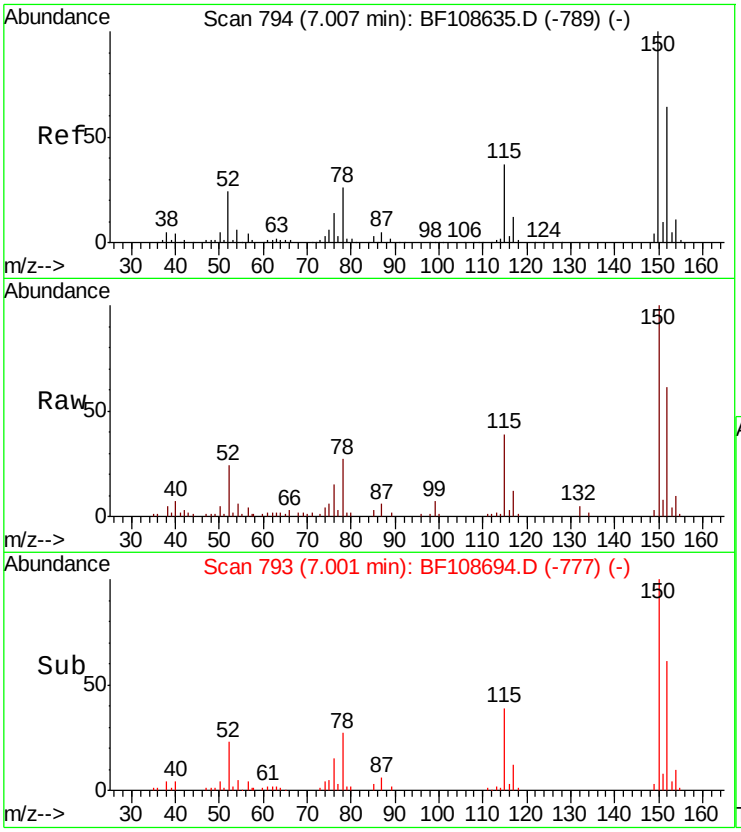
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 18:02:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



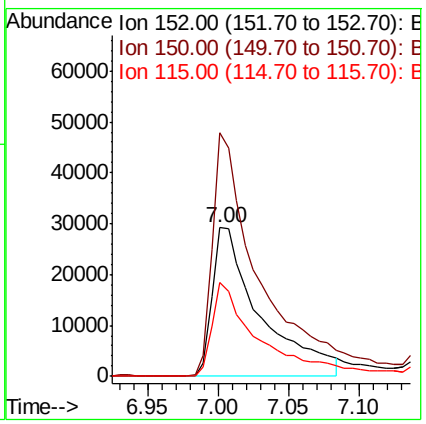


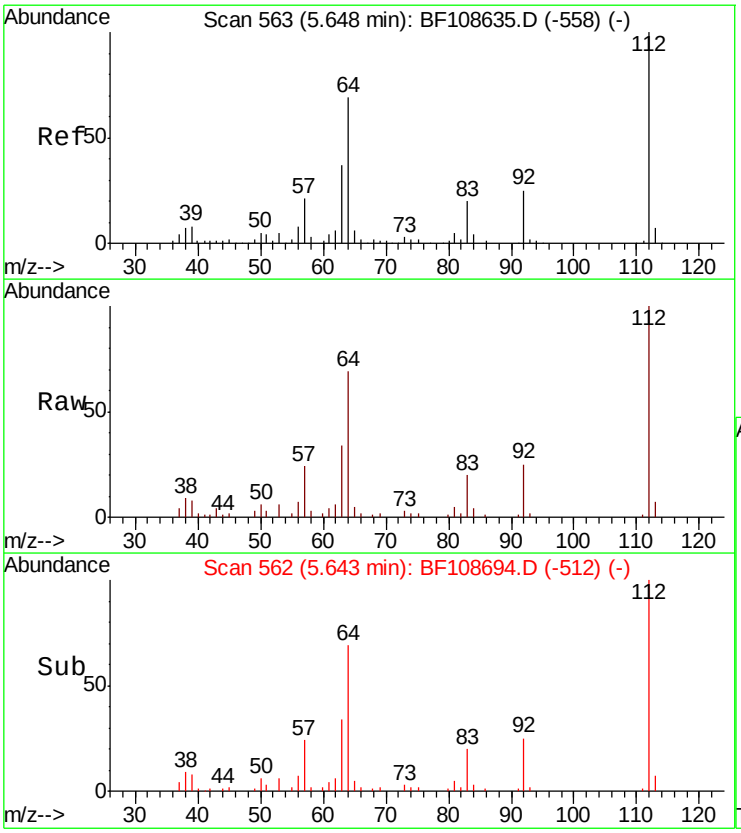
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69232

Ion	Ratio	Lower	Upper
152	100		
150	163.8	124.6	186.8
115	63.1	50.1	75.1

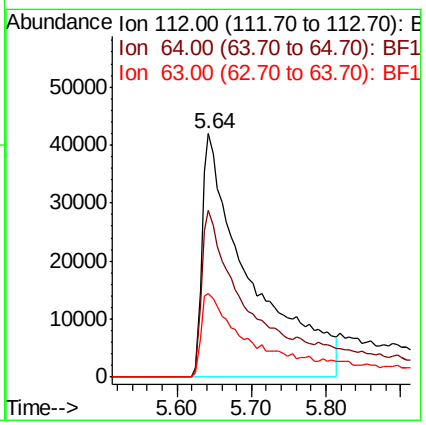


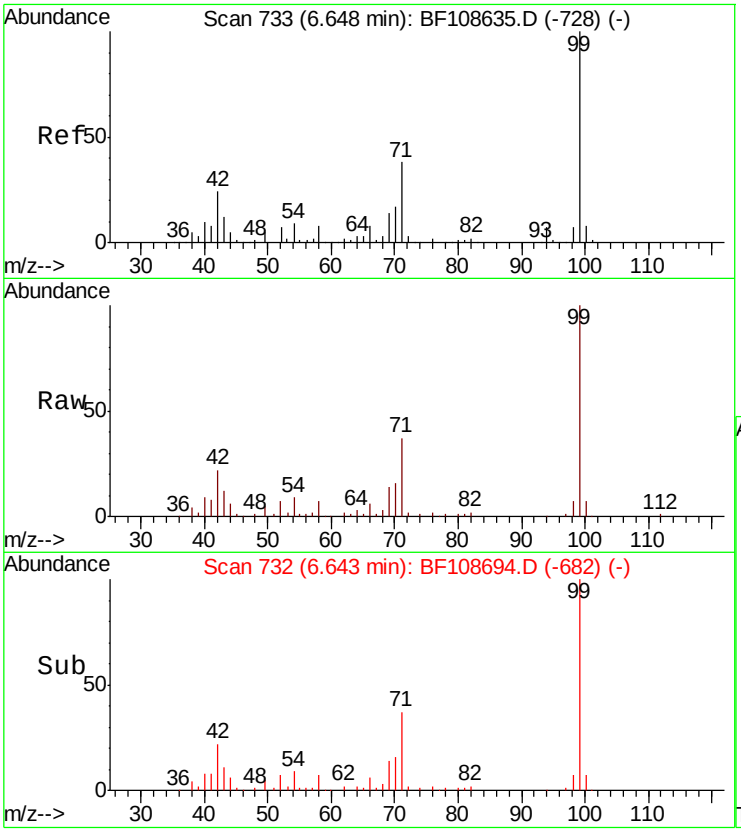


#5
2-Fluorophenol
Concen: 47.077 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:112 Resp: 187615

Ion	Ratio	Lower	Upper
112	100		
64	68.6	47.9	71.9
63	34.2	23.7	35.5



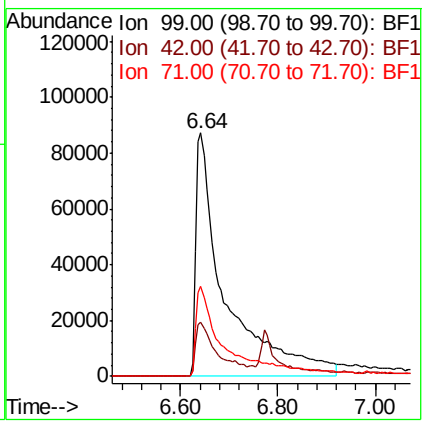


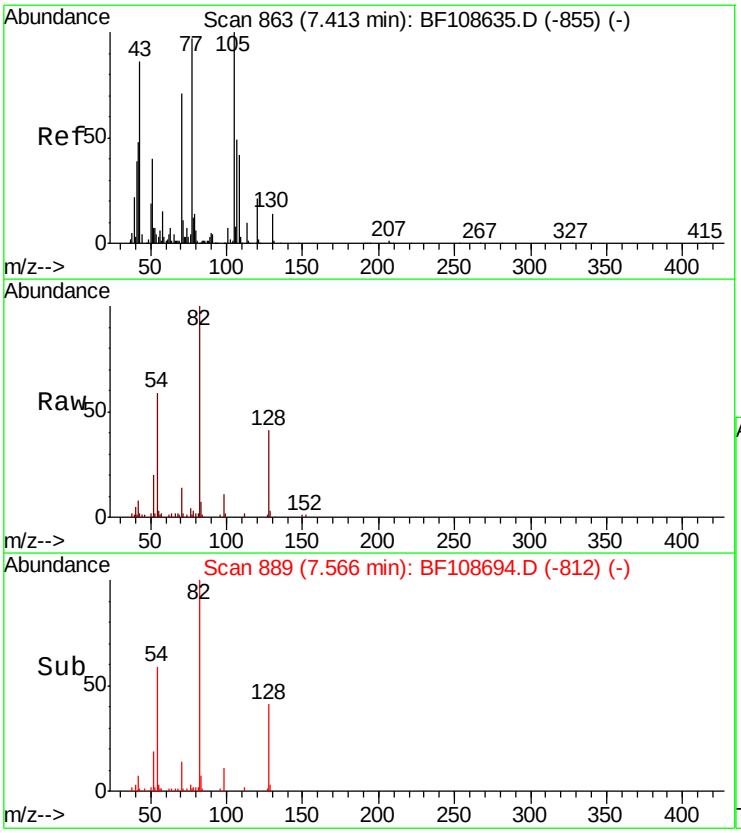
#7
Phenol-d6
Concen: 64.243 ng
RT: 6.64 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 366693

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

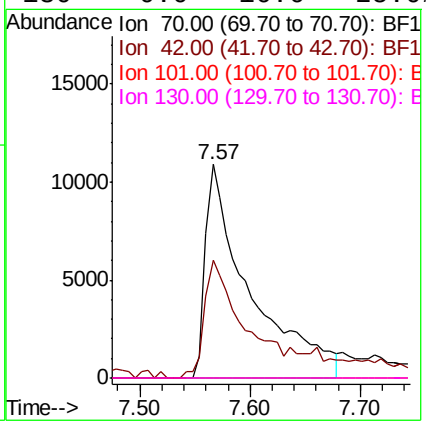


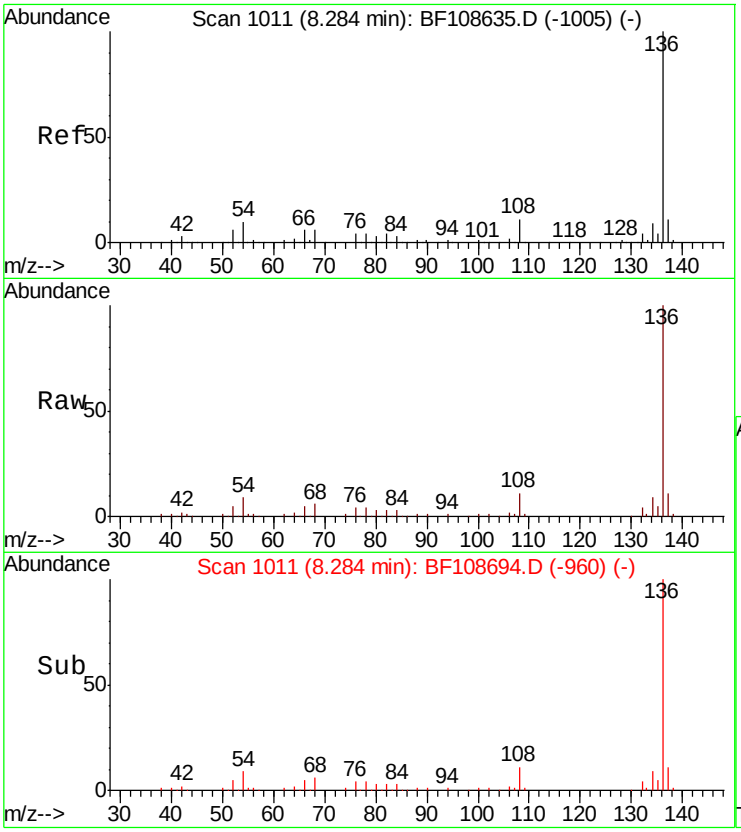


#19
n-Nitroso-di-n-propylamine
Concen: 7.877 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion: 70 Resp: 30111

Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



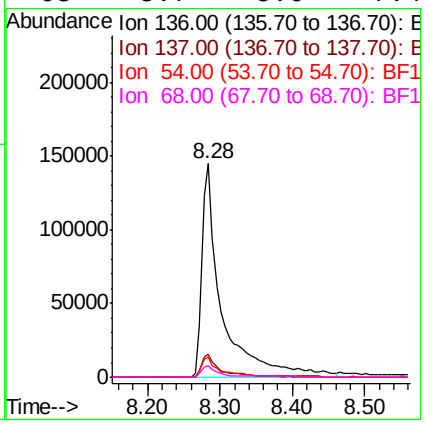


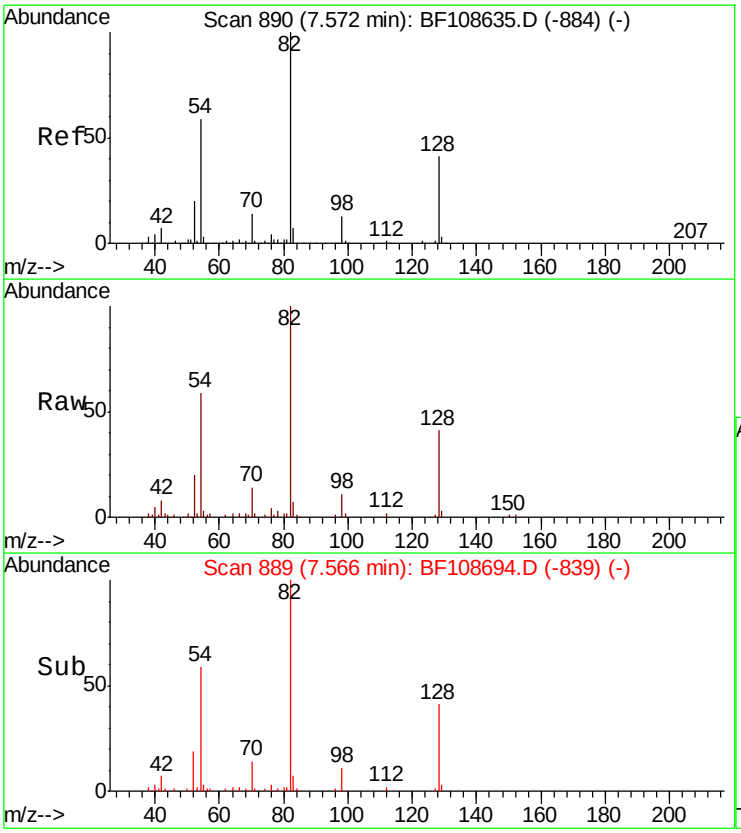
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 277521

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	5.7	5.0	7.4

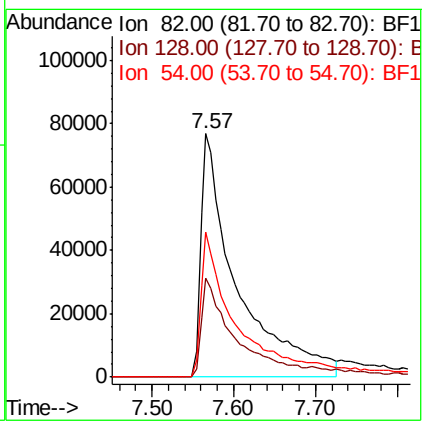


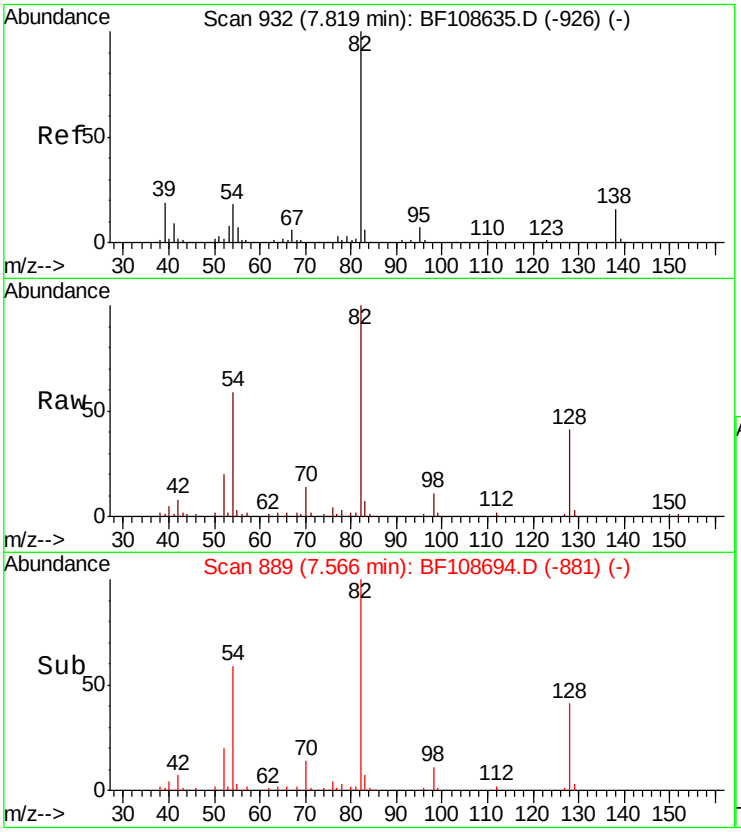


#23
Nitrobenzene-d5
Concen: 43.085 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion: 82 Resp: 235564

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	59.5	41.4	62.2



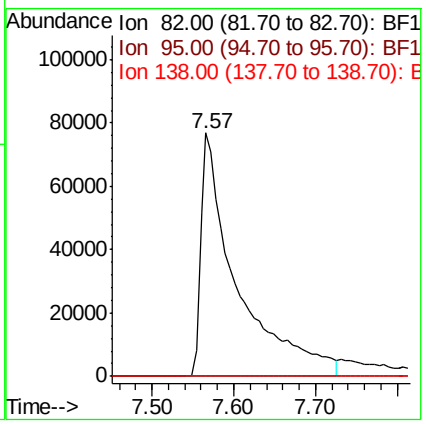


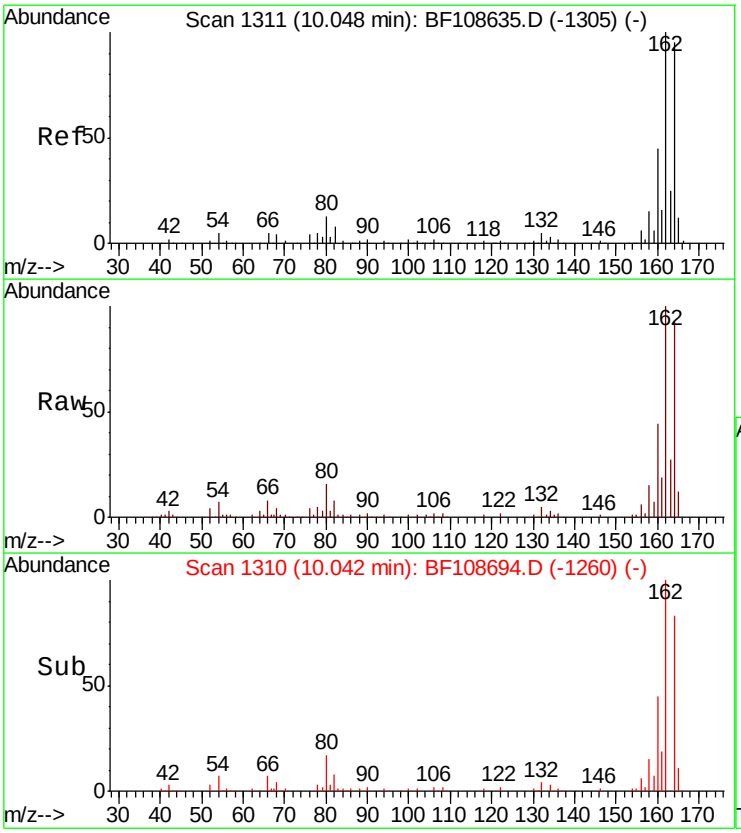
#25
Isophorone
Concen: 25.936 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 235564

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

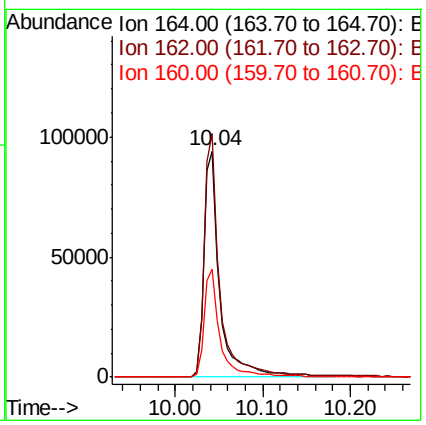


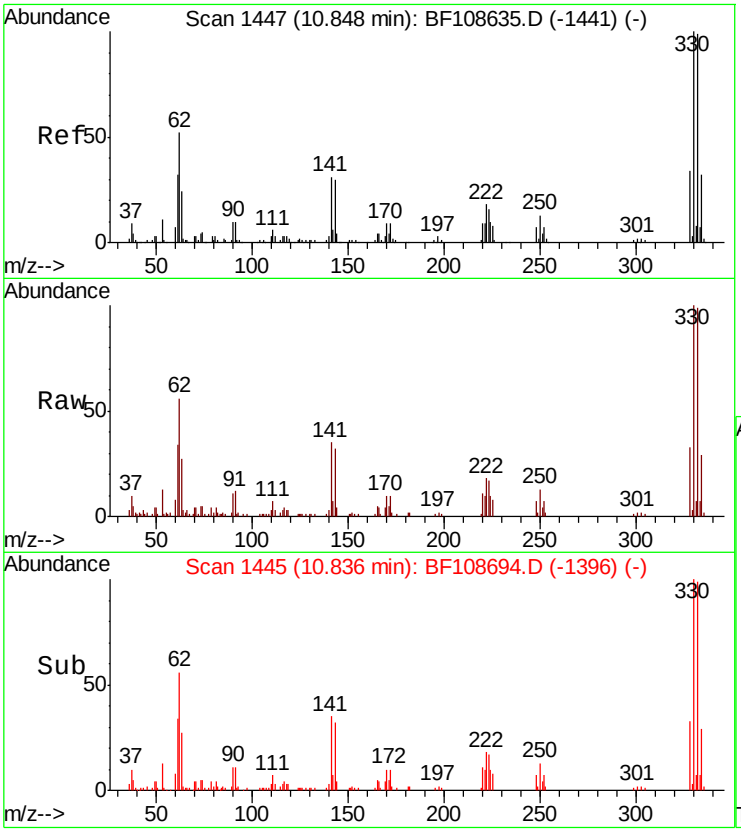


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:164 Resp: 119879

Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.1	129.1
160	47.8	38.3	57.5



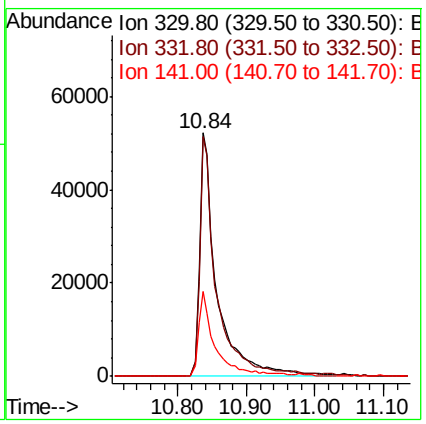


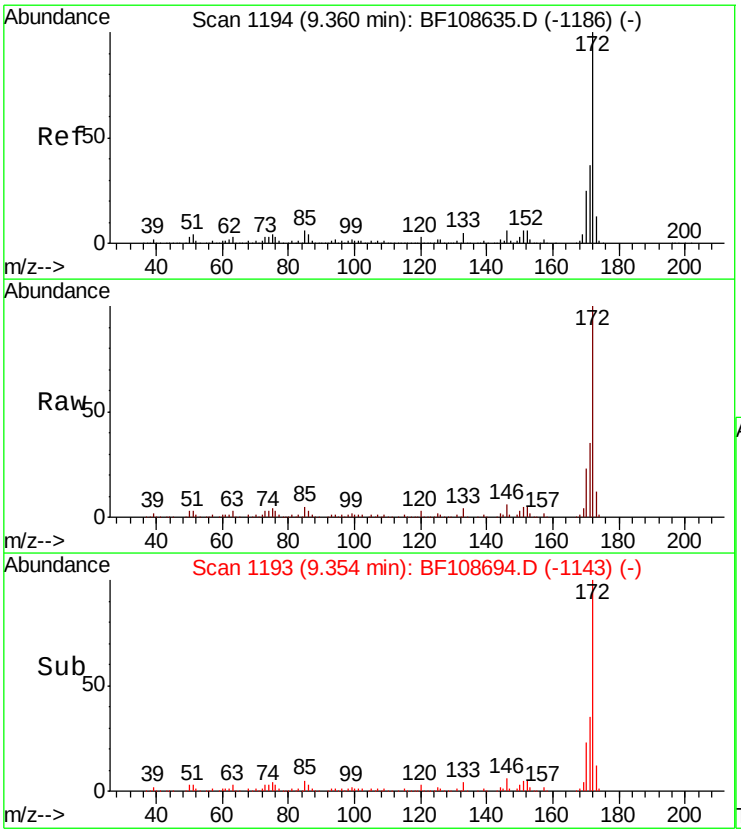
#41
2,4,6-Tribromophenol
Concen: 58.707 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 92906

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.7	29.9	44.9

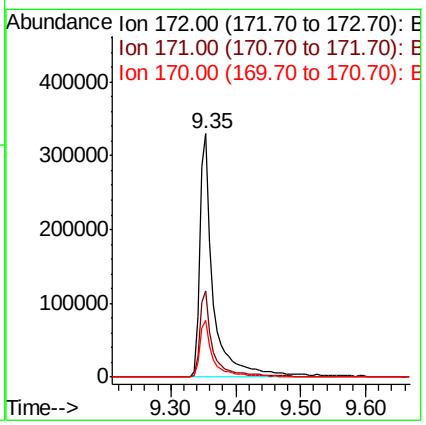


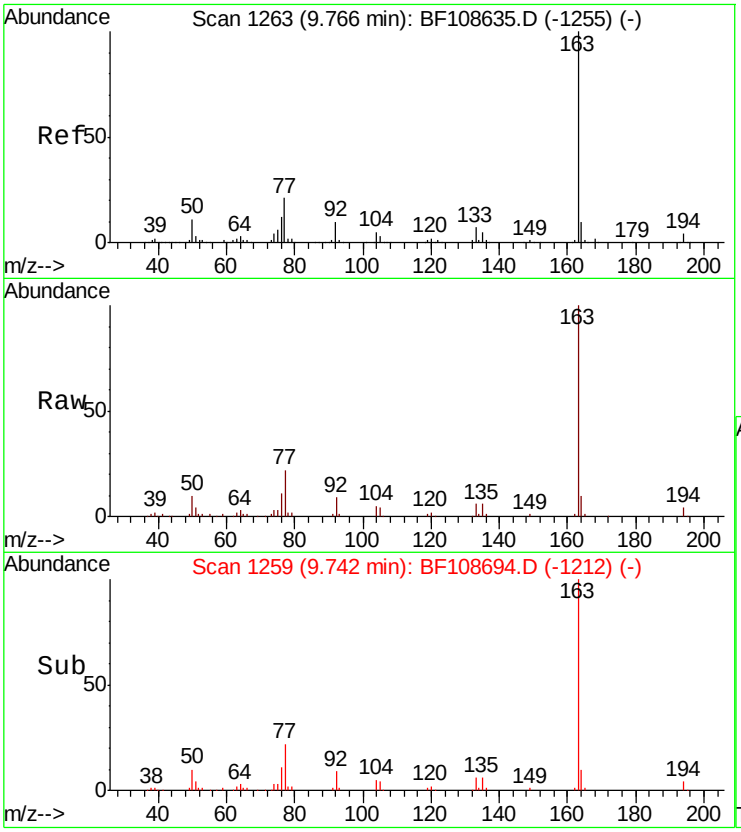


#44
2-Fluorobiphenyl
Concen: 53.512 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:172 Resp: 477102

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.3	19.6	29.4



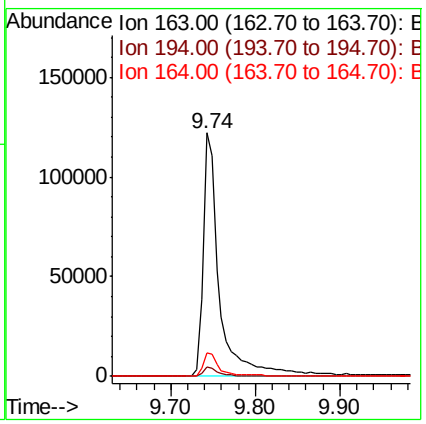


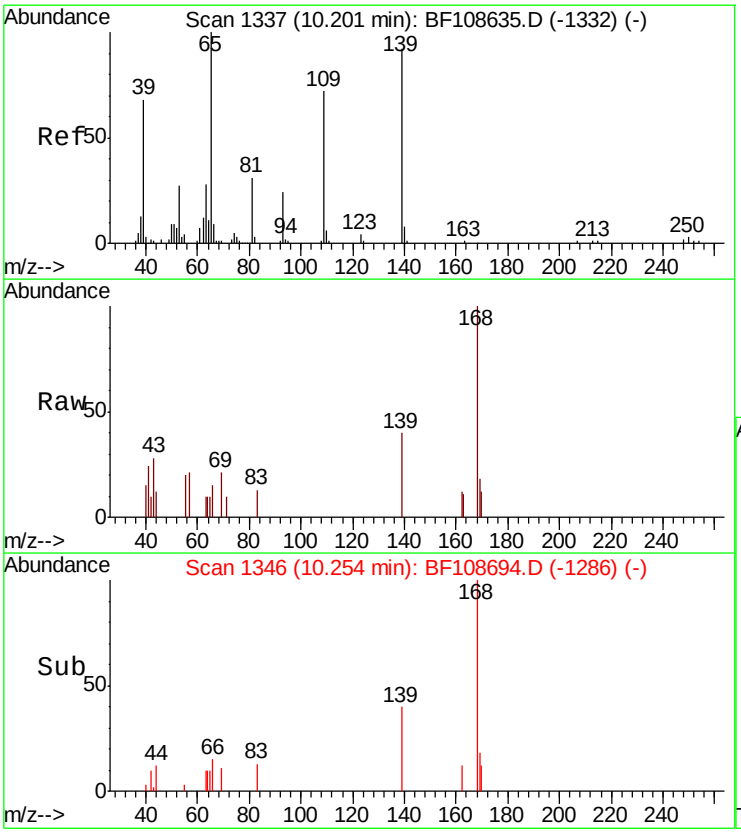
#49
Dimethylphthalate
Concen: 17.325 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 163551

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2

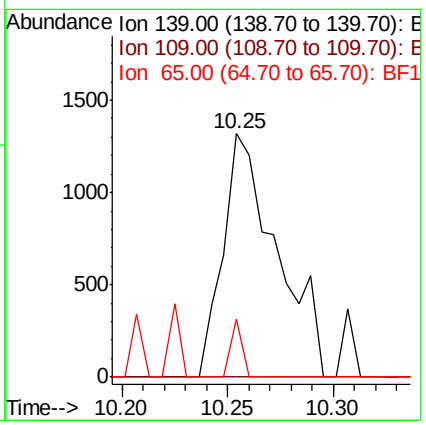


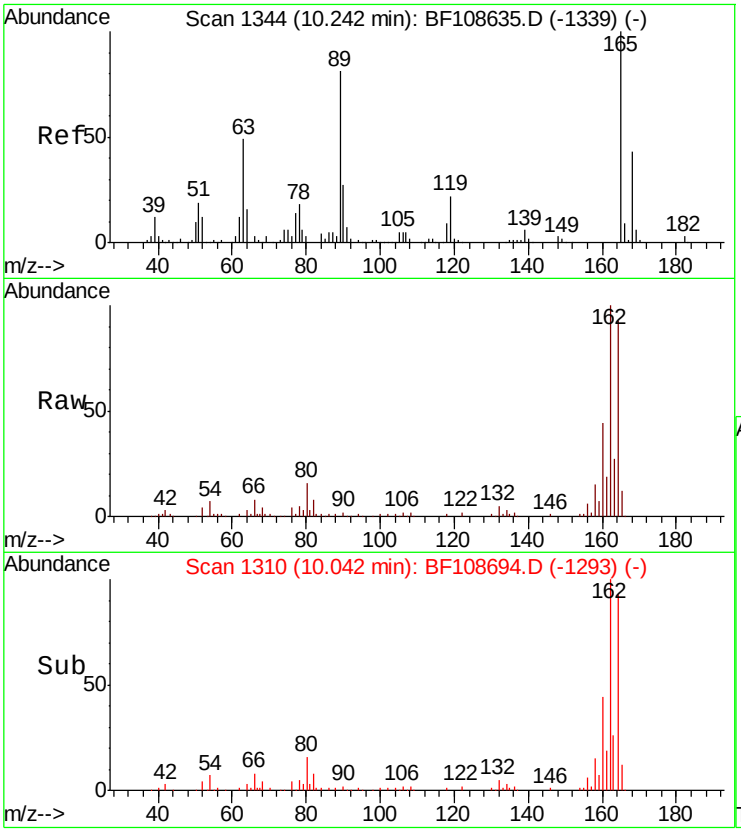


#55
4-Nitrophenol
Concen: 6.284 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.05 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:139 Resp: 2327

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	23.9	72.6	112.6#



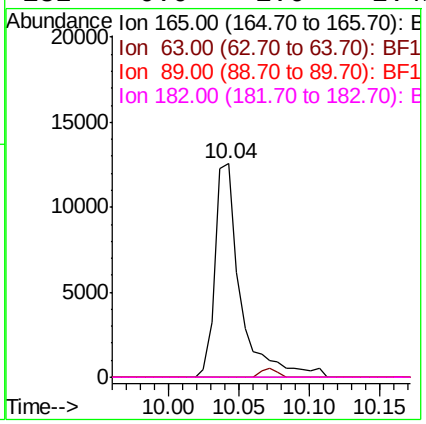


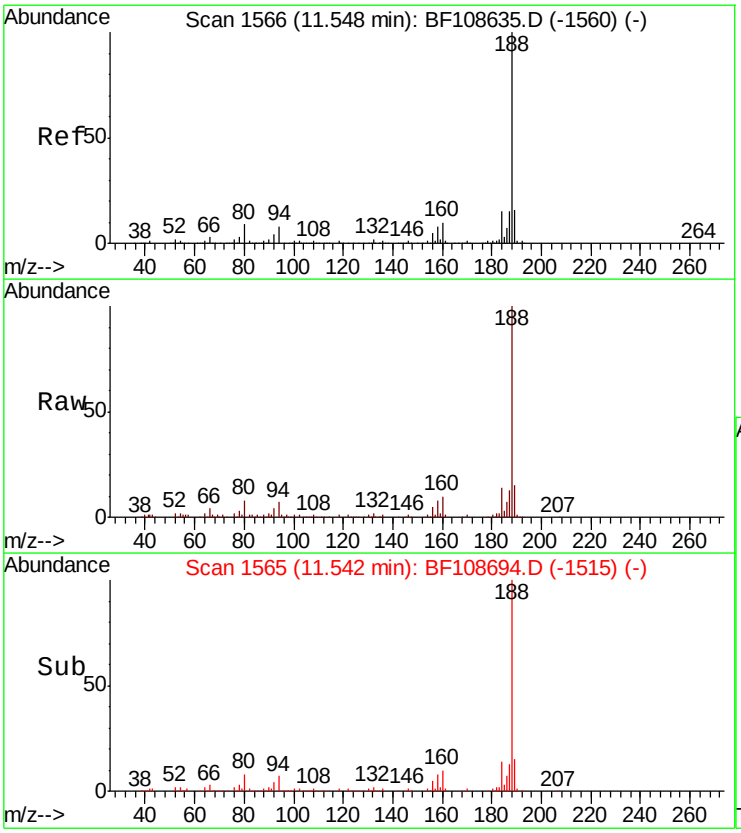
#56
2,4-Dinitrotoluene
Concen: 5.708 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15725

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

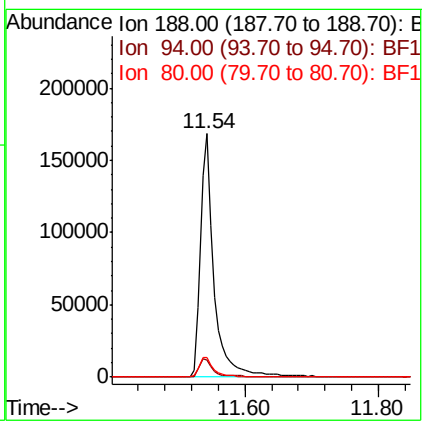


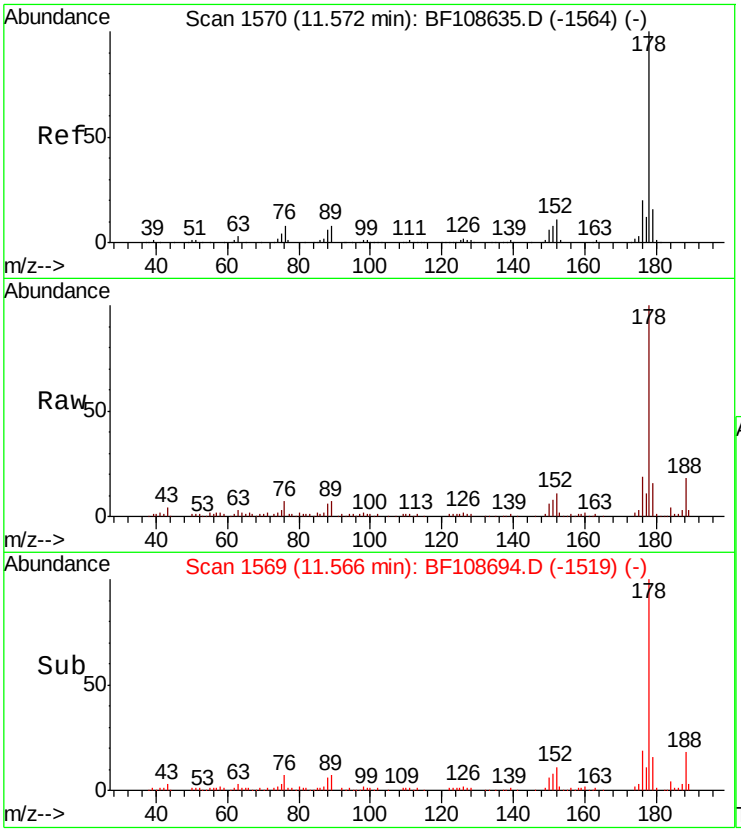


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:188 Resp: 231582

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	8.2	9.2	13.8#



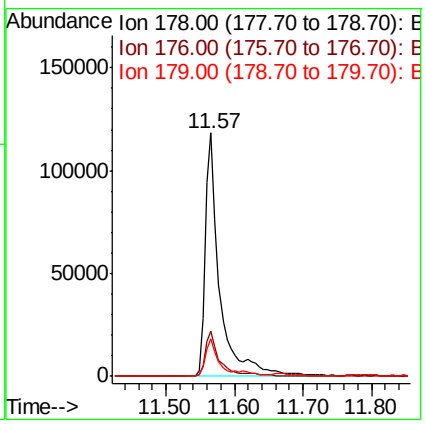


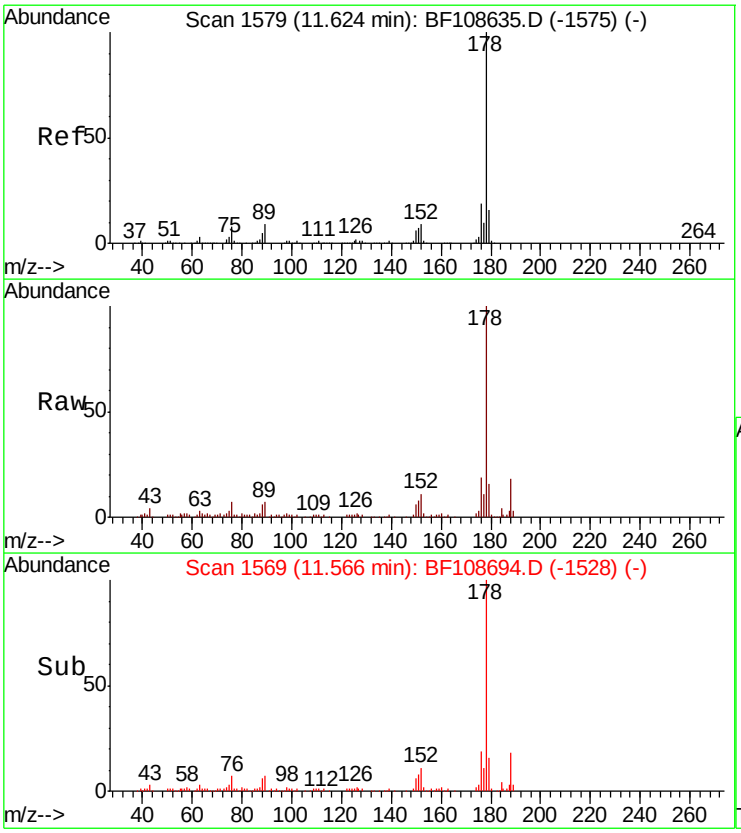
#70
Phenanthrene
Concen: 15.058 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 176018

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.6	13.0	19.6

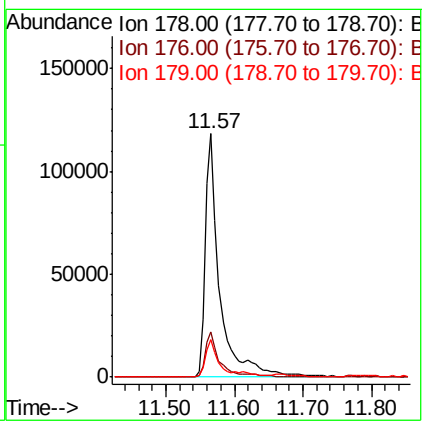


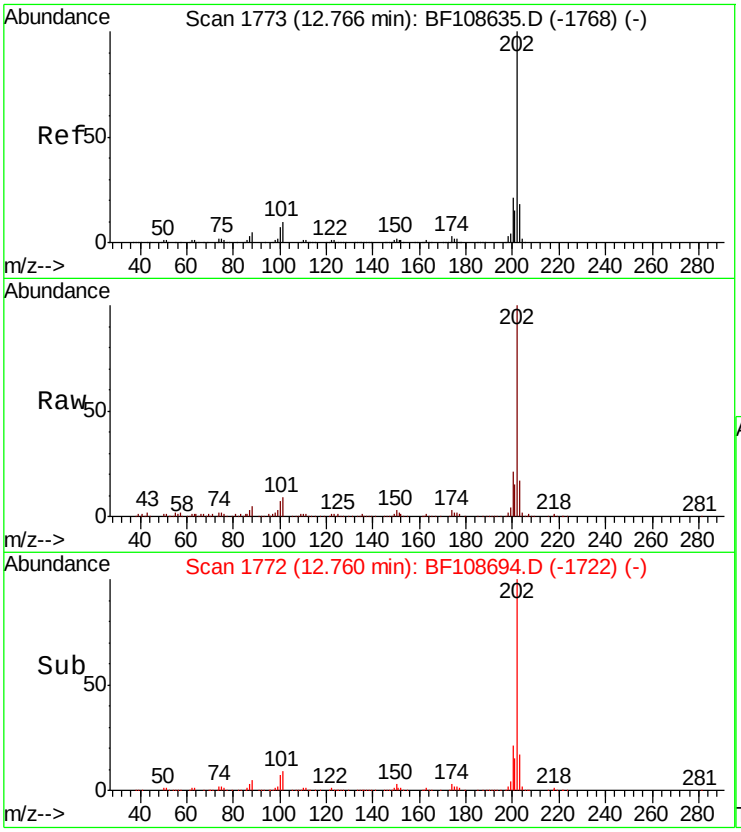


#71
Anthracene
Concen: 14.331 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.06 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:178 Resp: 176018

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.6	19.0



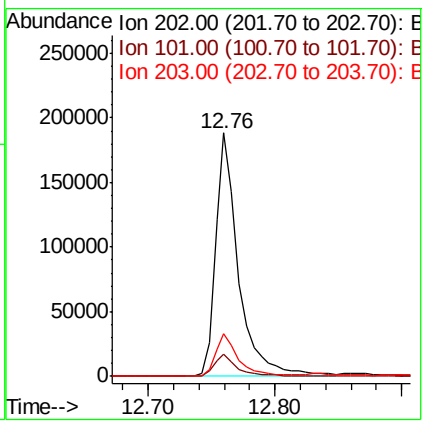


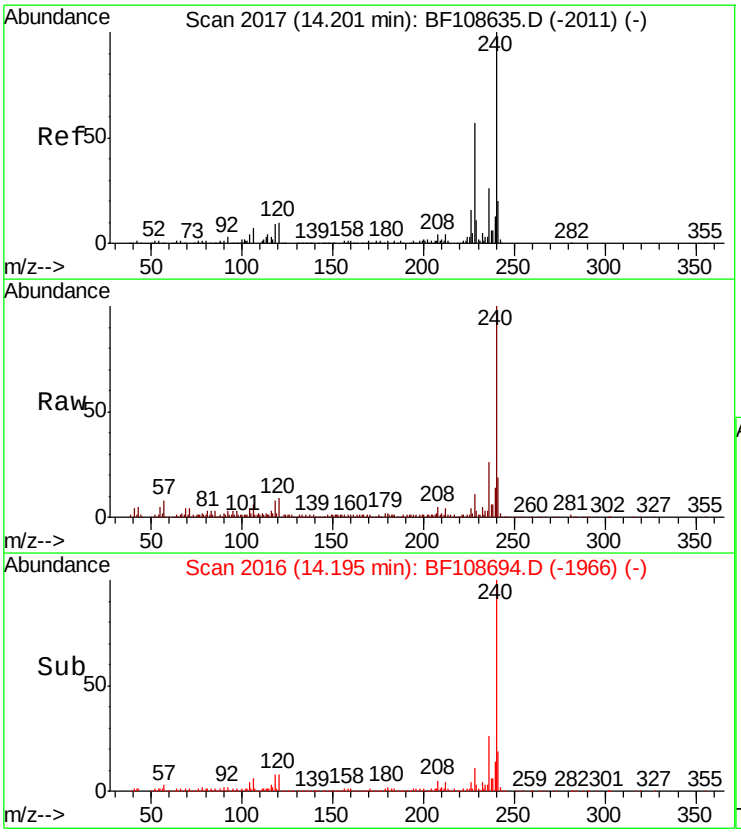
#74
Fluoranthene
Concen: 18.001 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 236850

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

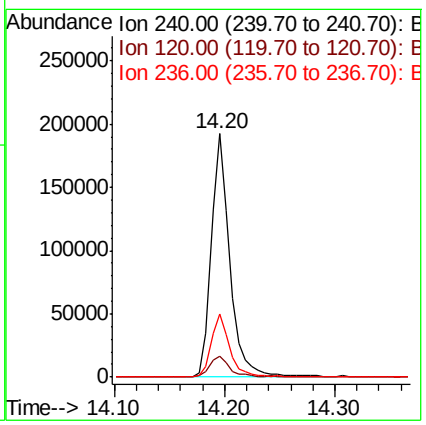


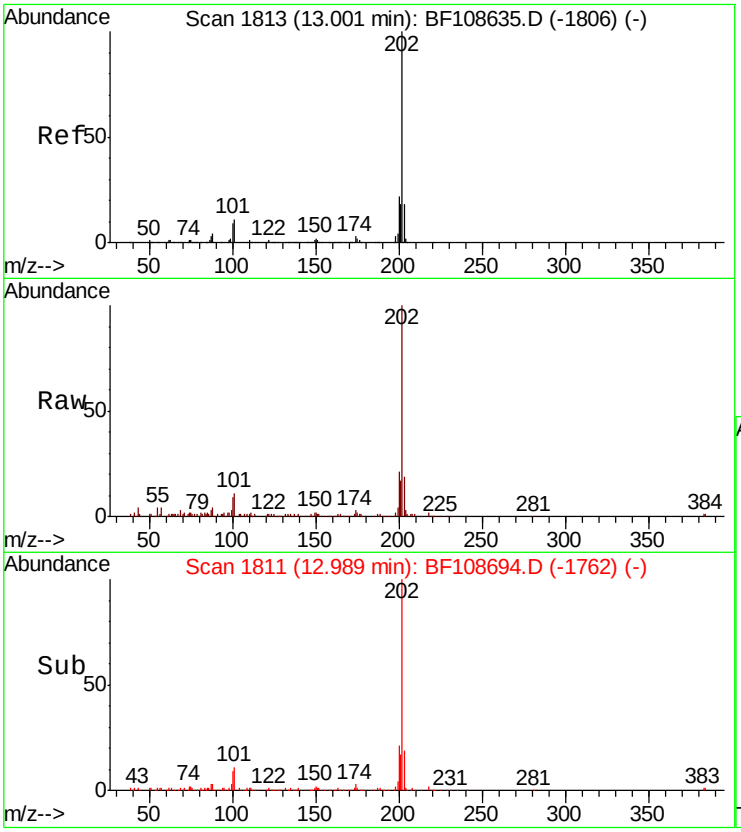


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:240 Resp: 221769

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.1	20.7	31.1



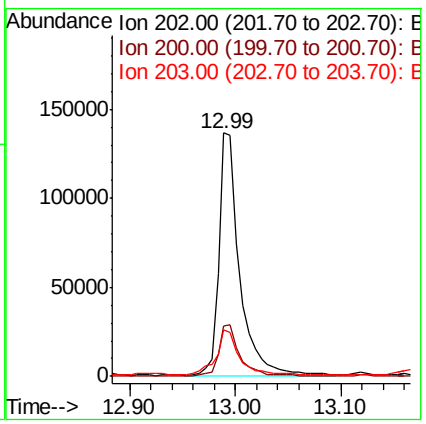


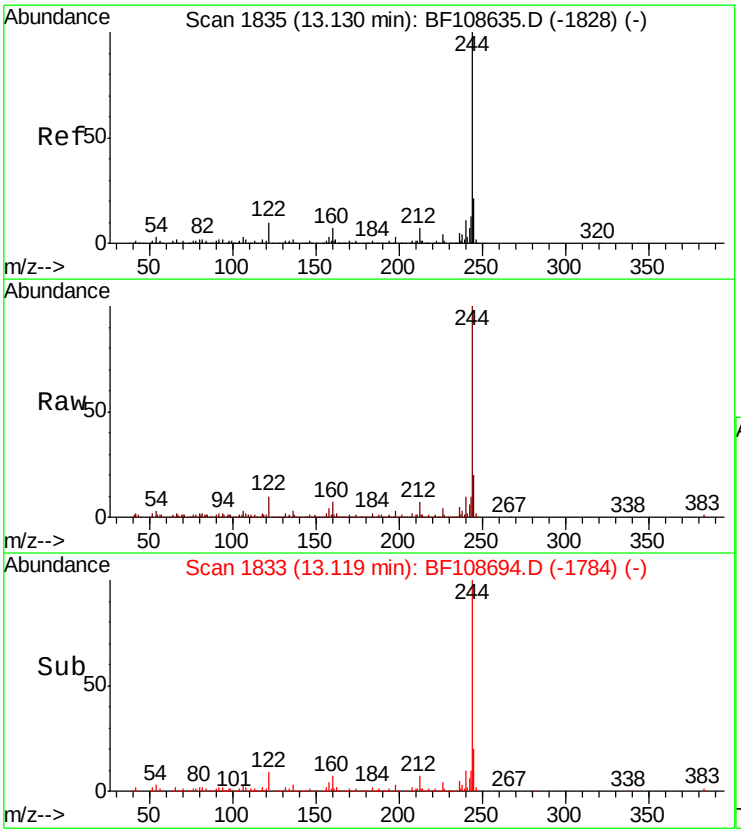
#77
Pyrene
Concen: 11.279 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 188029

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	19.0	14.3	21.5

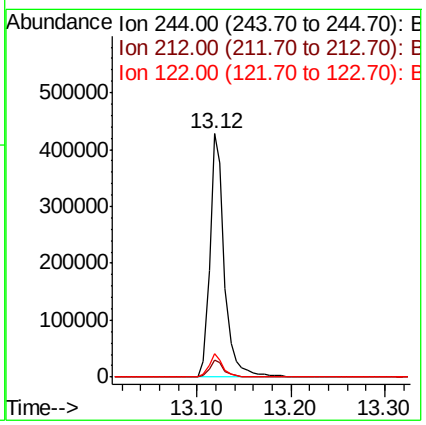


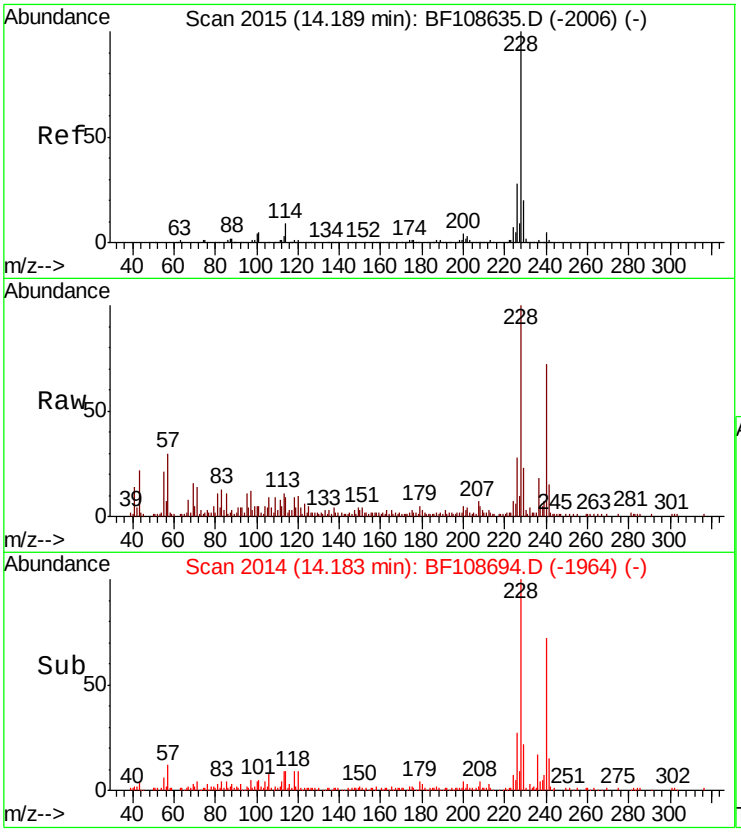


#78
Terphenyl-d14
Concen: 41.263 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:244 Resp: 470977

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.6	11.0	16.4#



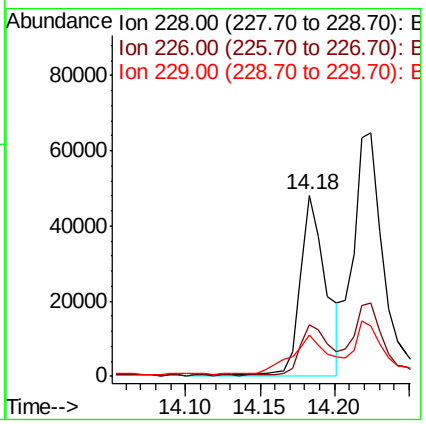


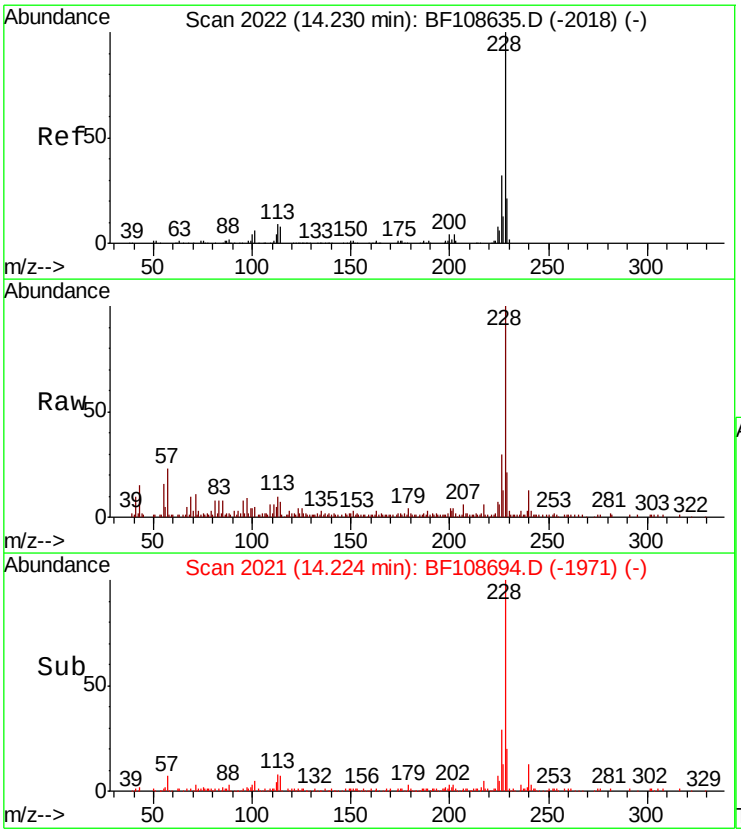
#80
Benzo(a)anthracene
Concen: 4.324 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 58452

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.9	15.8	23.6

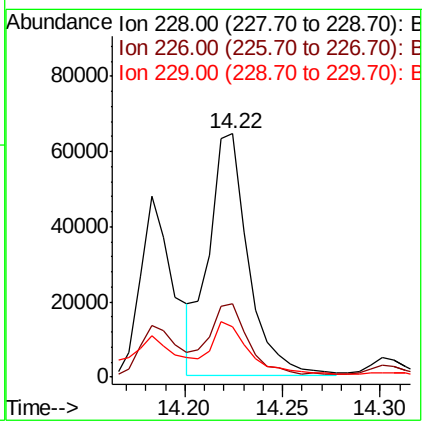


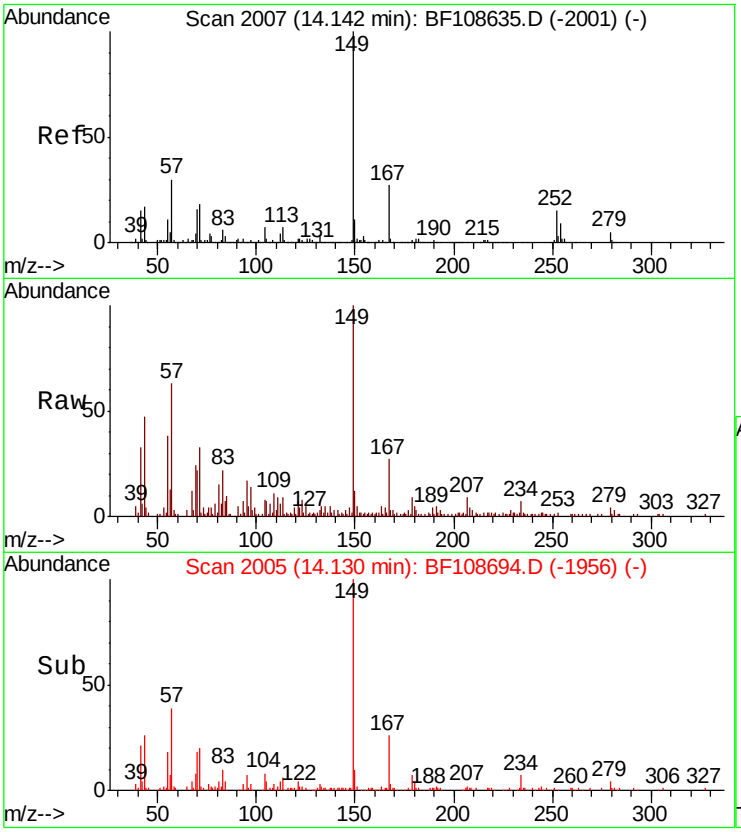


#82
Chrysene
Concen: 6.963 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:228 Resp: 90533

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.6	16.2	24.4



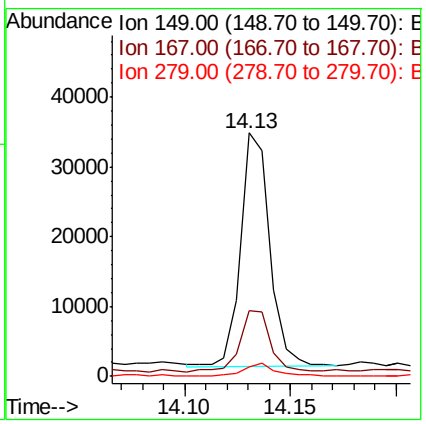


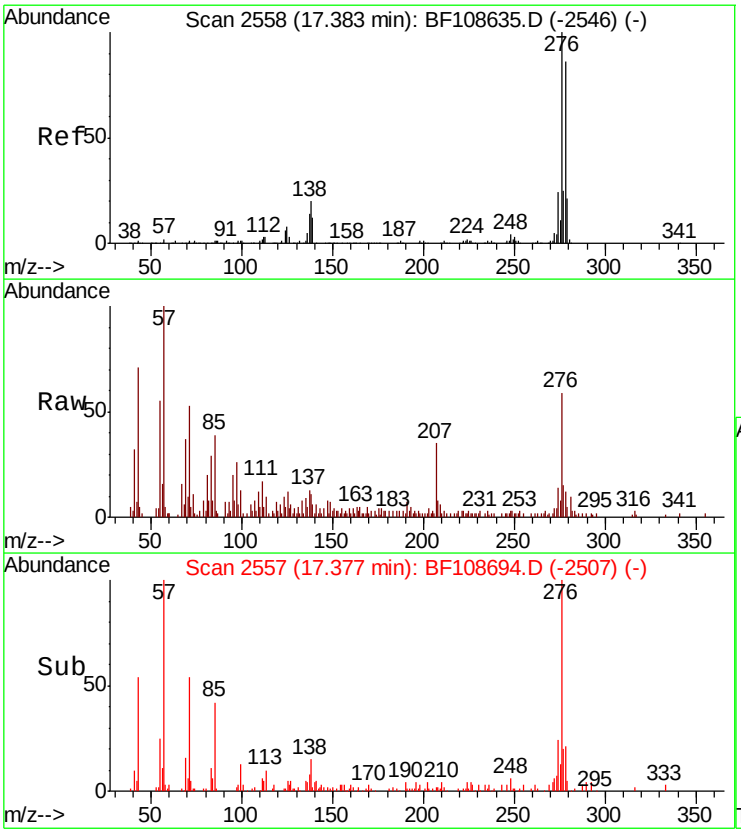
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.553 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 32016

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.8	3.0	4.4

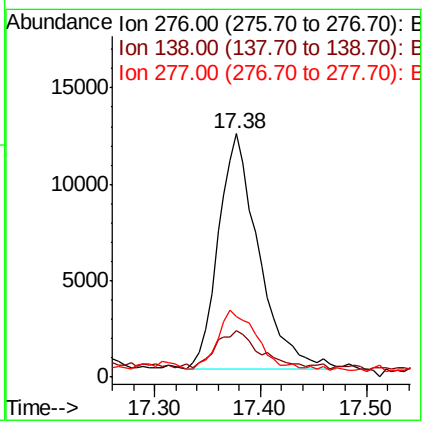


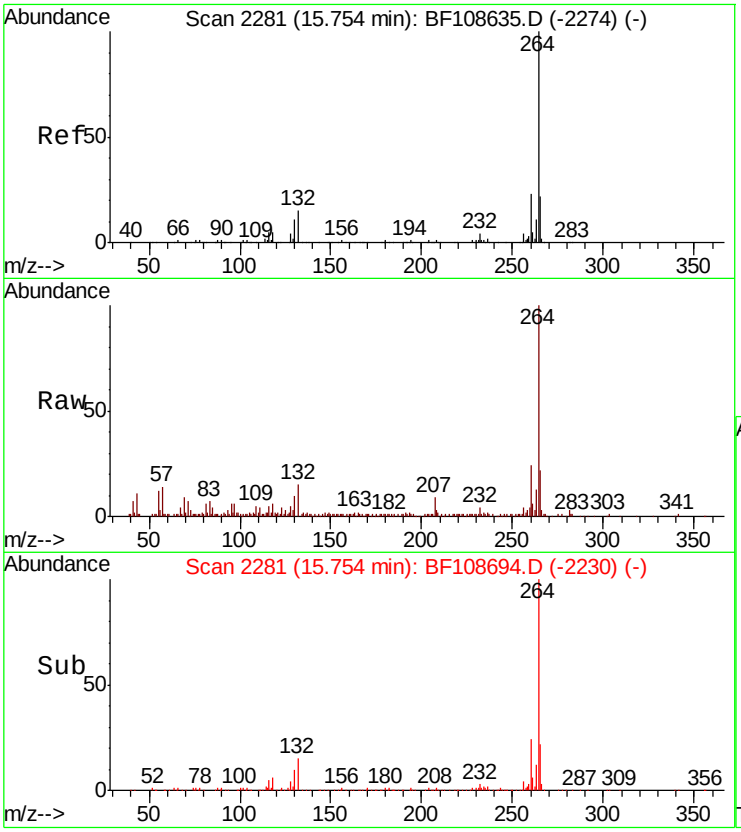


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.540 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:276 Resp: 32005

Ion	Ratio	Lower	Upper
276	100		
138	17.1	25.0	37.6#
277	25.4	20.1	30.1



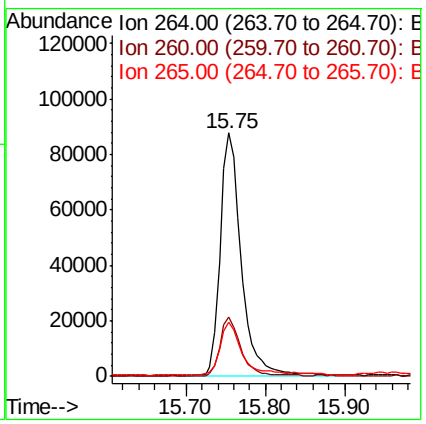


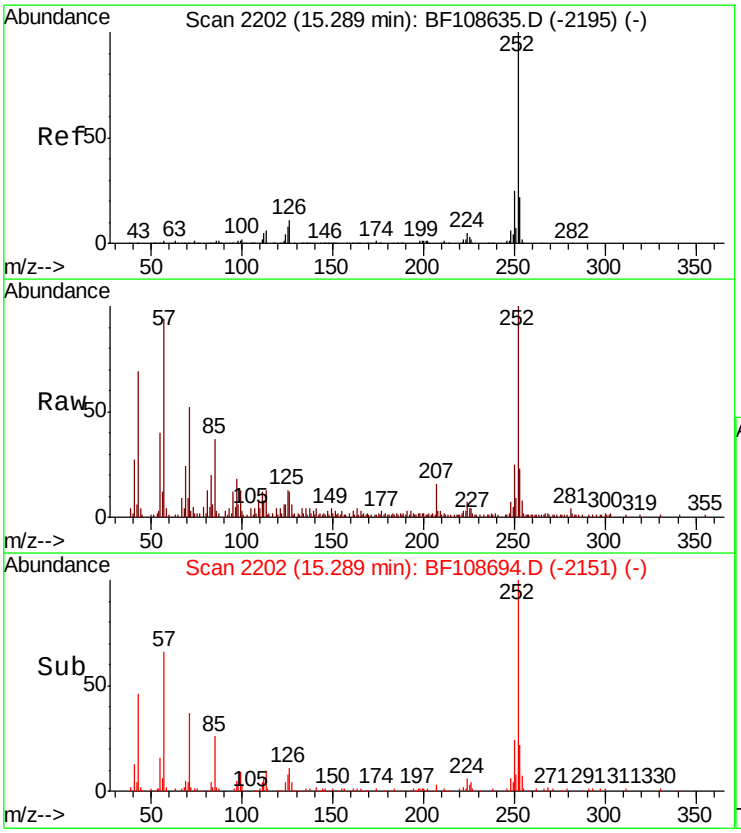
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 162725

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.5	17.5	26.3

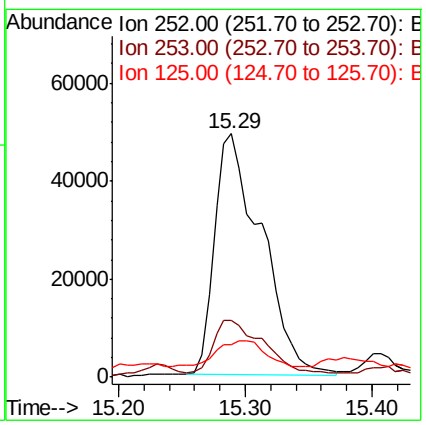


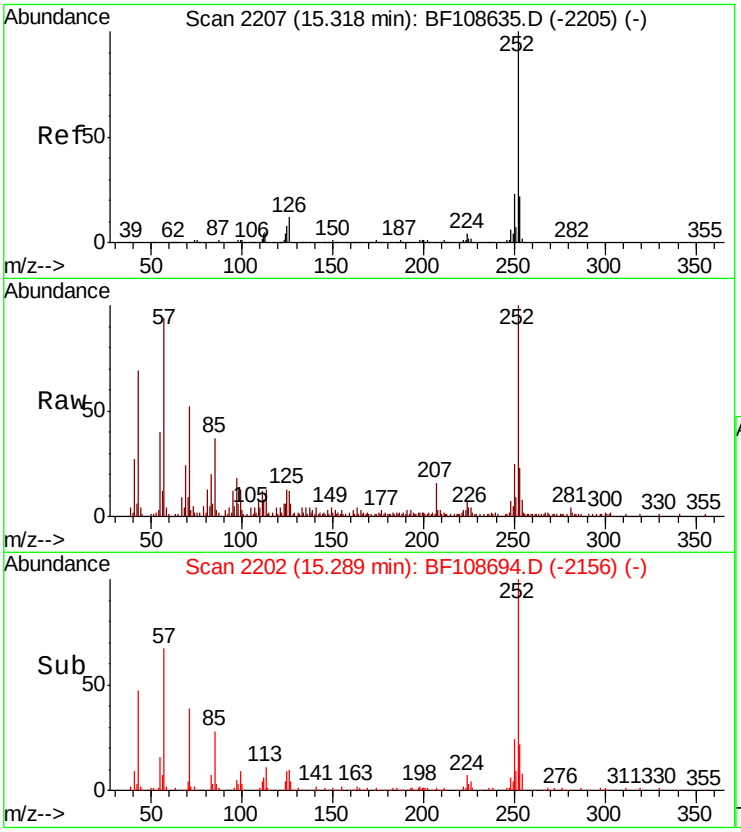


#87
Benzo(b)fluoranthene
Concen: 12.659 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:252 Resp: 126536

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.1	9.0	13.6



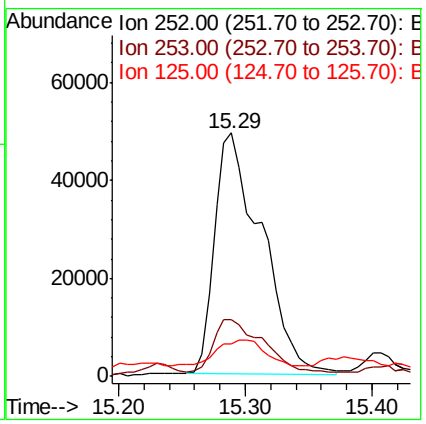


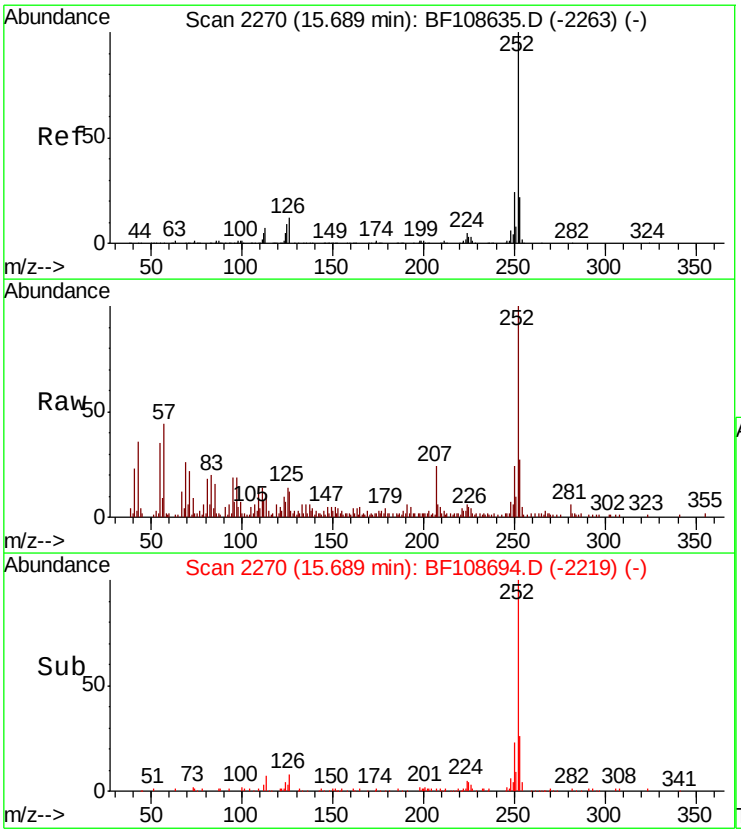
#88
Benzo(k)fluoranthene
Concen: 12.778 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.03 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 126536

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.1	10.2	15.2

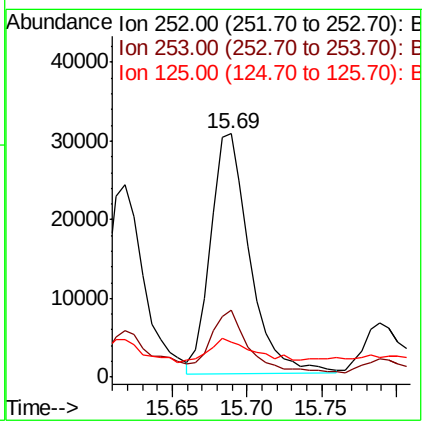


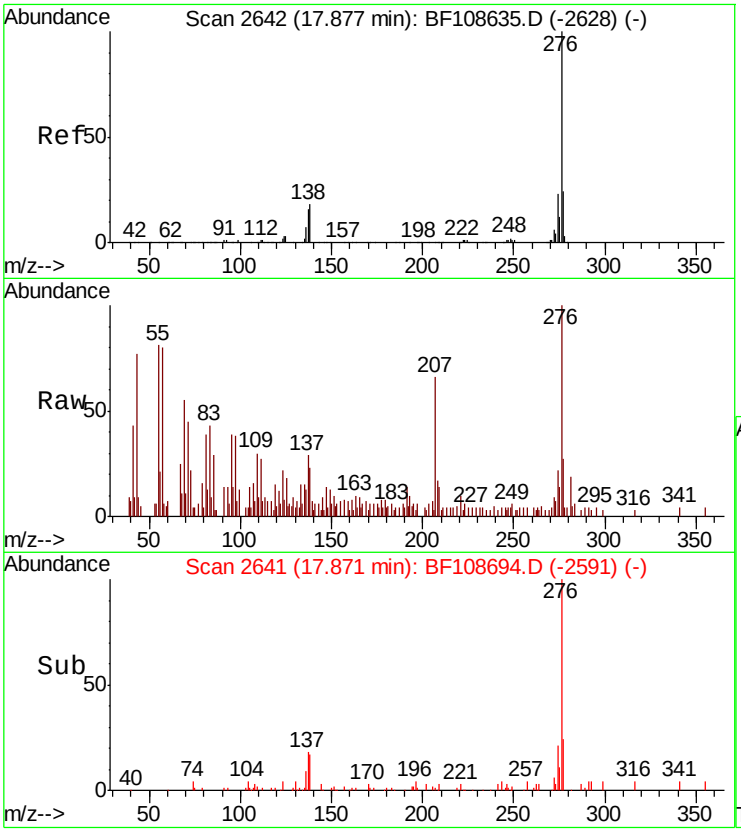


#89
Benzo(a)pyrene
Concen: 6.184 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion:252 Resp: 55866

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.1	25.7#
125	14.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.845 ng
RT: 17.87 min Scan# 2641
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33973

Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	22.5	21.8	32.8