Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108692.D
Acq On : 31 Aug 2018 16:40
Operator : JU/SJ
Sample : J4712-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 18:02:26 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	7.01	152	76024	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	313327	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	134839	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	242958	20.00	ng		0.00
75) Chrysene-d12	14.19	240	229246	20.00	ng		0.00
86) Perylene-d12	15.75	264	173053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	442656	101.15	ng		-0.01
7) Phenol-d6	6.64	99	706412	112.70	ng		-0.01
23) Nitrobenzene-d5	7.57	82	478708	77.55	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	154160	86.60	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	851141	84.87	ng		0.00
78) Terphenyl-d14	13.12	244	724071	61.37	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	58385	13.910	ng	#	86
25) Isophorone	7.57	82	478708	46.684	ng	#	64
49) Dimethylphthalate	9.74	163	126377	11.902	ng		99
56) 2,4-Dinitrotoluene	10.04	165	17856	5.762	ng	#	23
66) 4-Bromophenyl-phenylether	10.84	248	9281	3.108	ng	#	1
74) Fluoranthene	12.76	202	52772	3.823	ng		94
77) Pyrene	12.99	202	58082	3.370	ng		97
80) Benzo(a)anthracene	14.18	228	28393	2.032	ng		97
87) Benzo(b)fluoranthene	15.29	252	42782	4.024	ng	#	79
88) Benzo(k)fluoranthene	15.29	252	42782	4.063	ng	#	82
89) Benzo(a)pyrene	15.69	252	20375	2.121	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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Acq On : 31 Aug 2018 16:40
Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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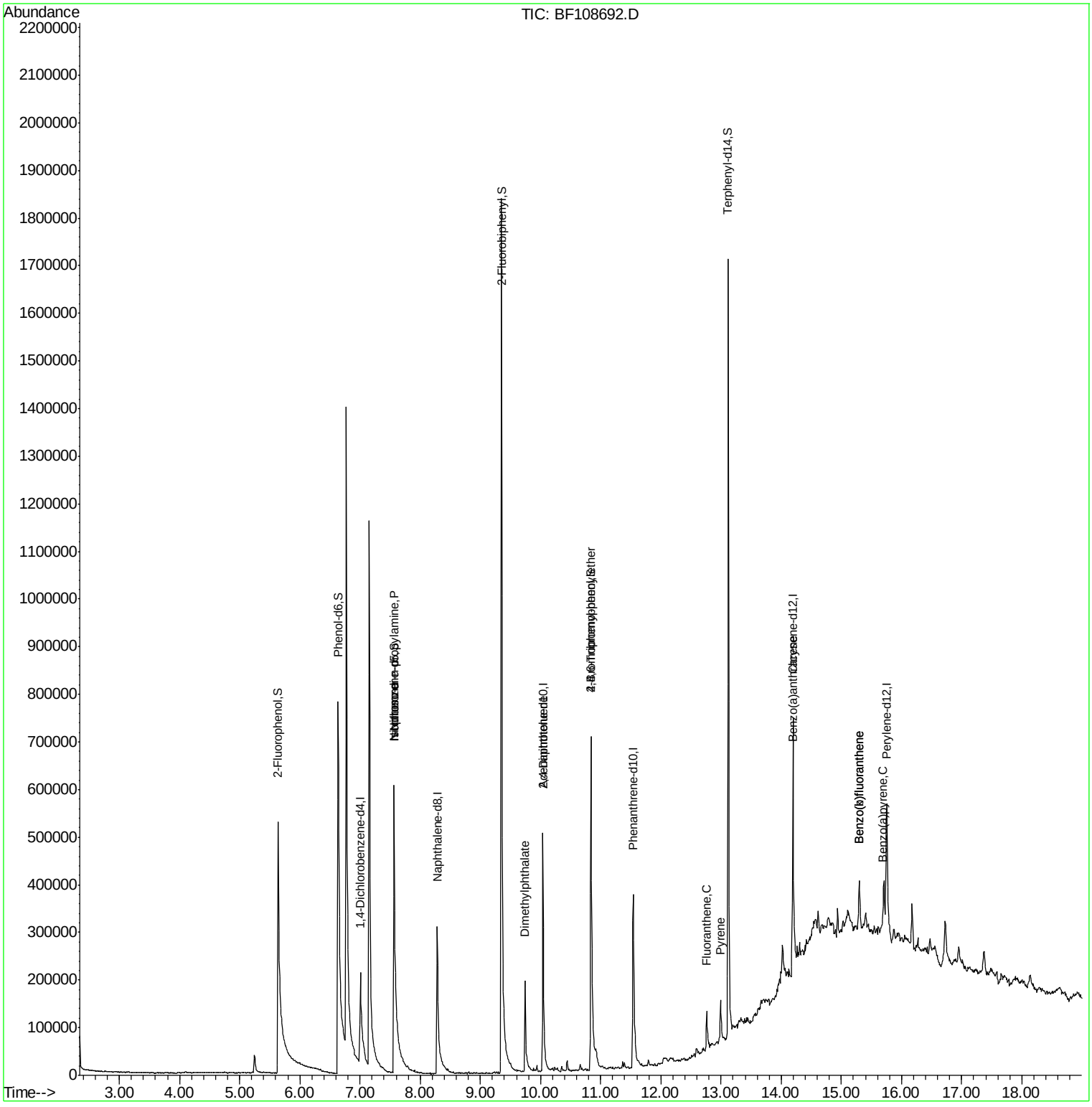
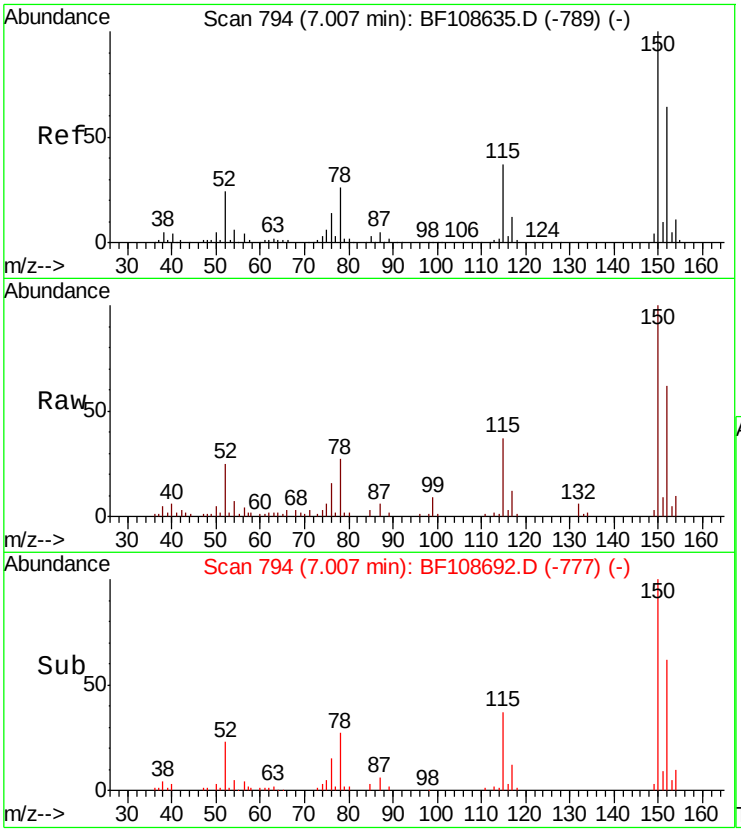
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



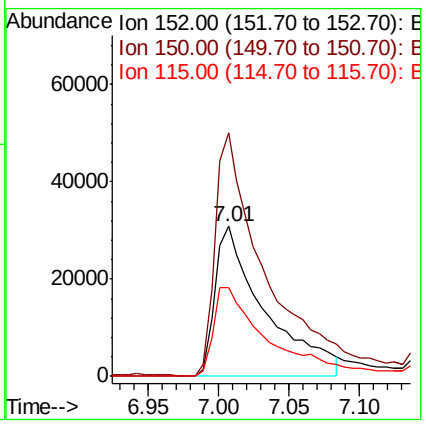


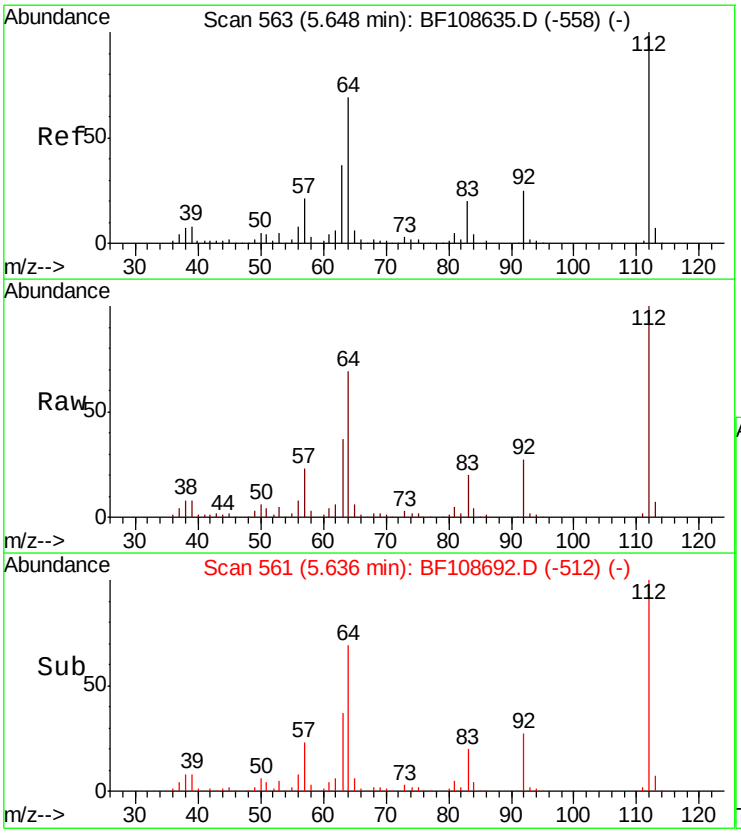
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76024

Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	59.5	50.1	75.1

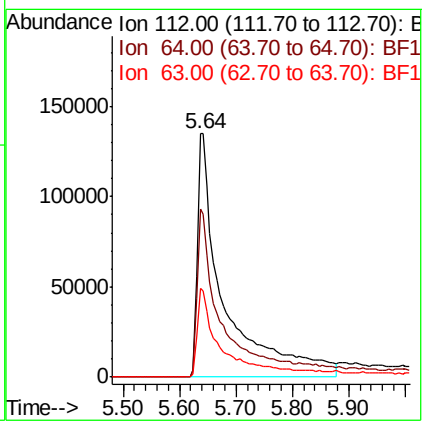


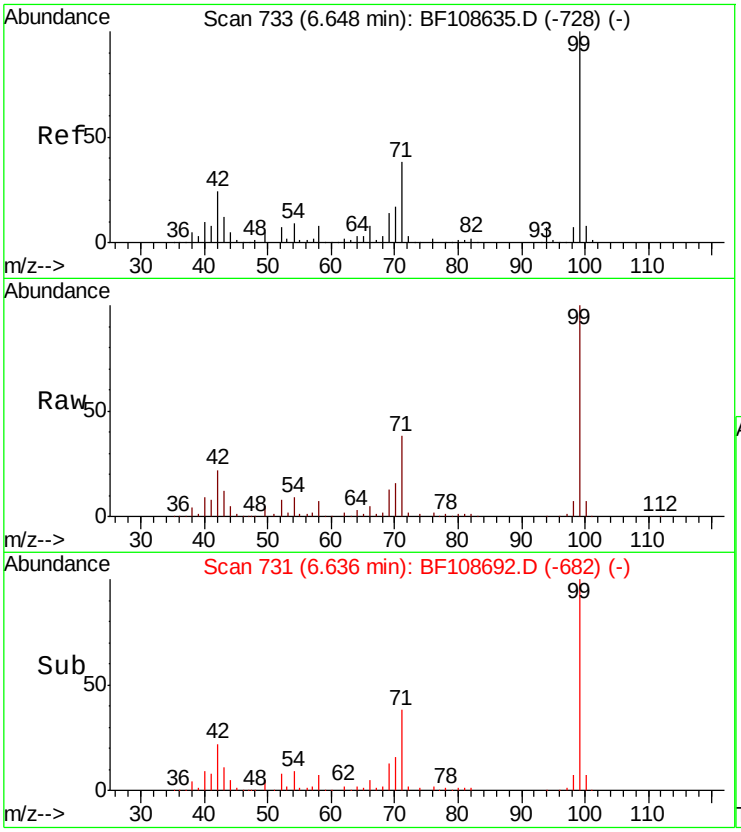


#5
2-Fluorophenol
Concen: 101.150 ng
RT: 5.64 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:112 Resp: 442656

Ion	Ratio	Lower	Upper
112	100		
64	68.9	47.9	71.9
63	36.7	23.7	35.5#



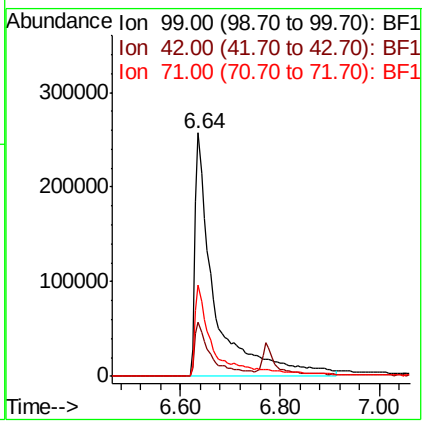


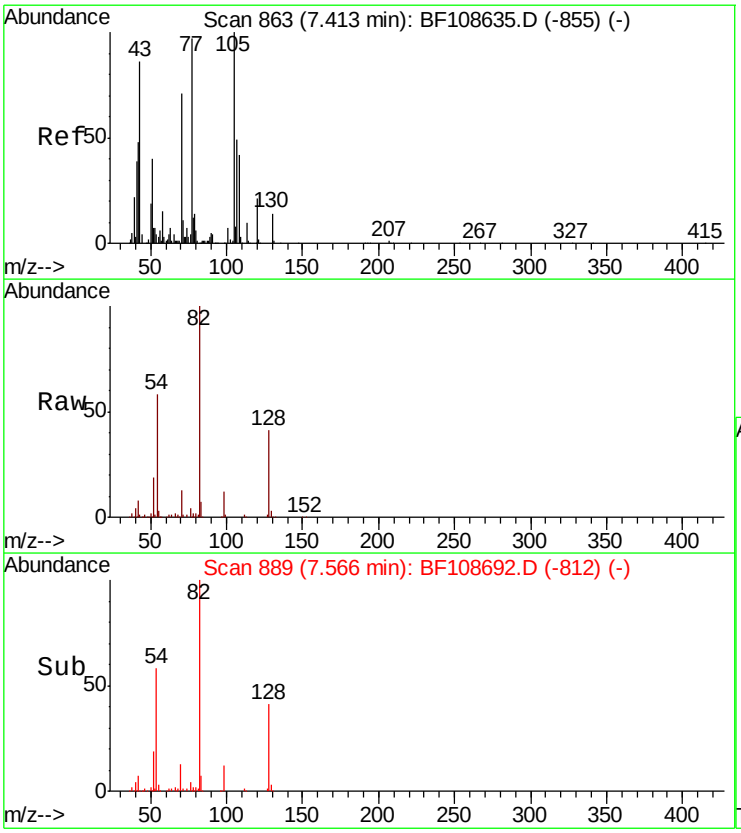
#7
Phenol-d6
Concen: 112.703 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 706412

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	37.8	25.4	38.0

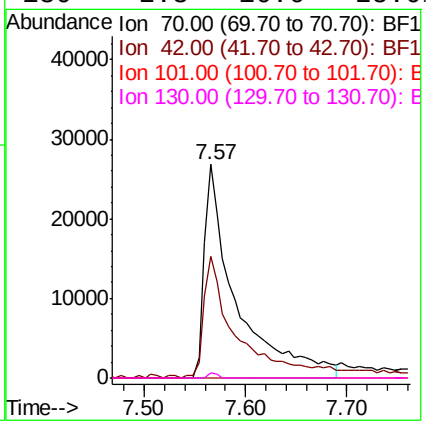


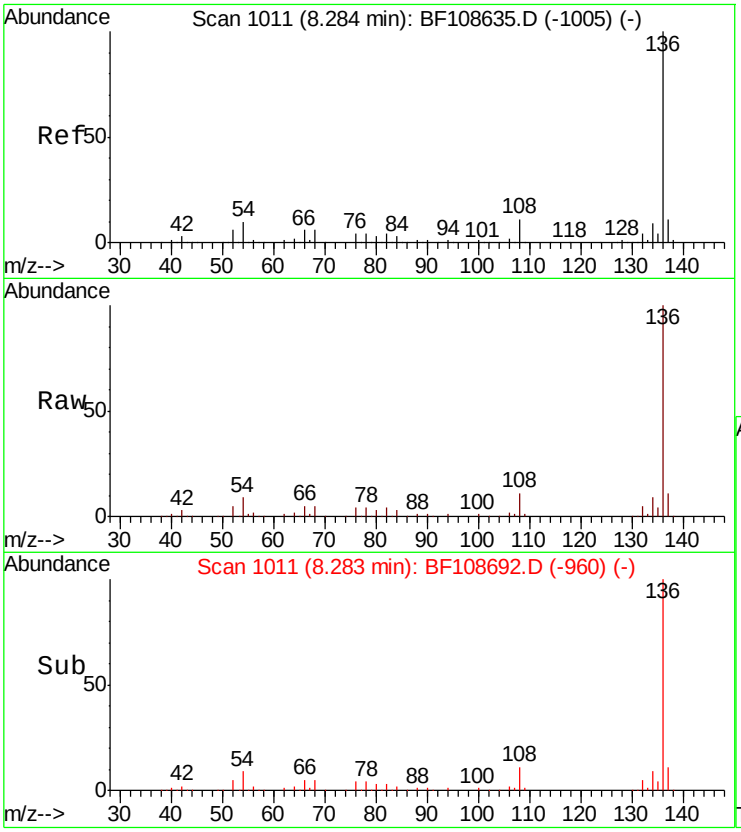


#19
n-Nitroso-di-n-propylamine
Concen: 13.910 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion: 70 Resp: 58385

Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



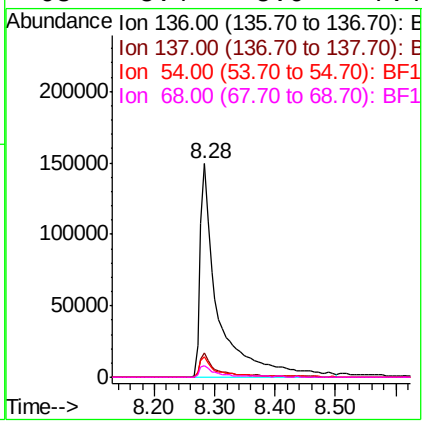


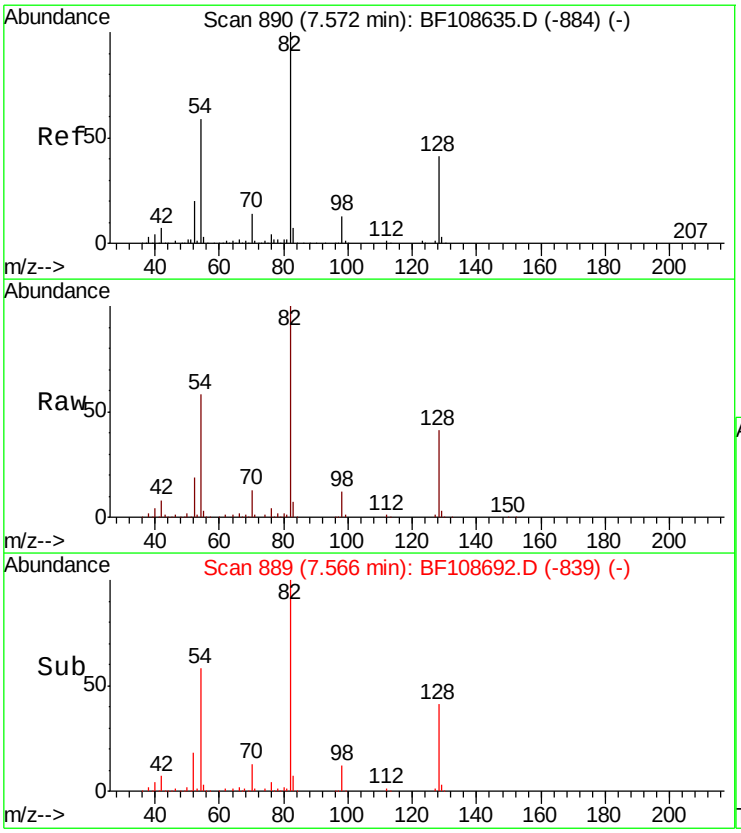
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 313327

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4

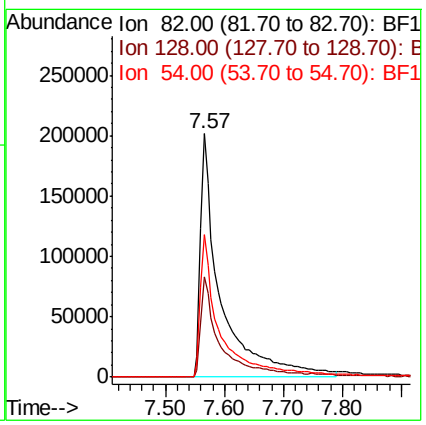


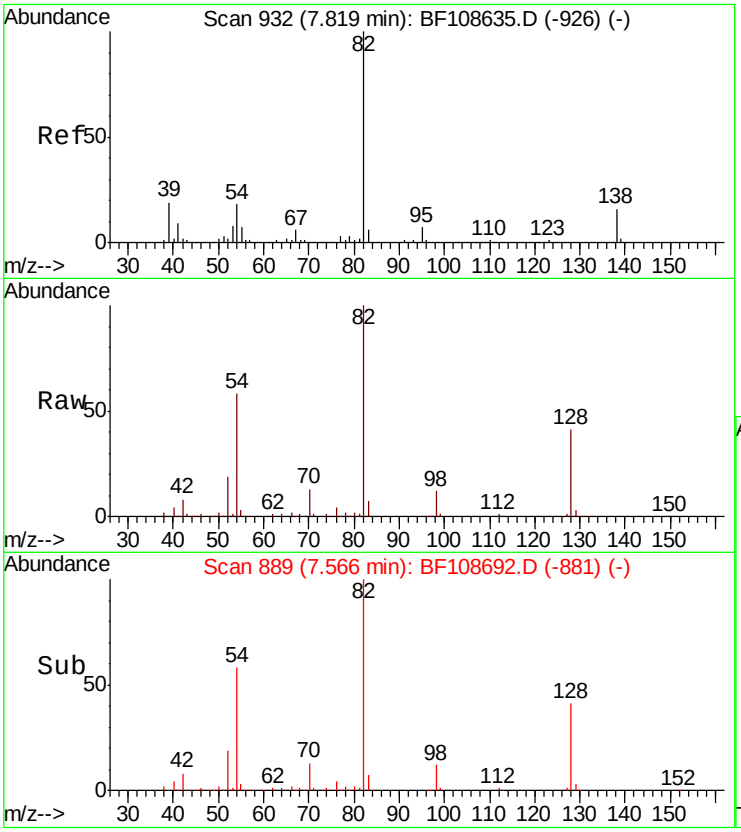


#23
Nitrobenzene-d5
Concen: 77.550 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion: 82 Resp: 478708

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	58.3	41.4	62.2



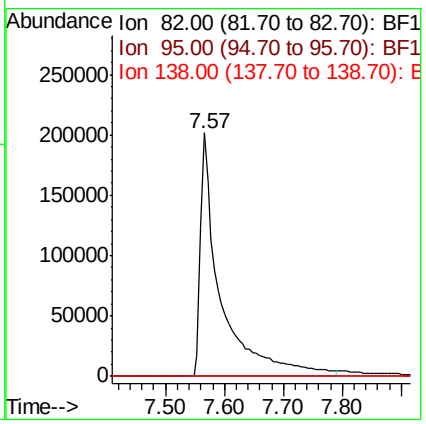


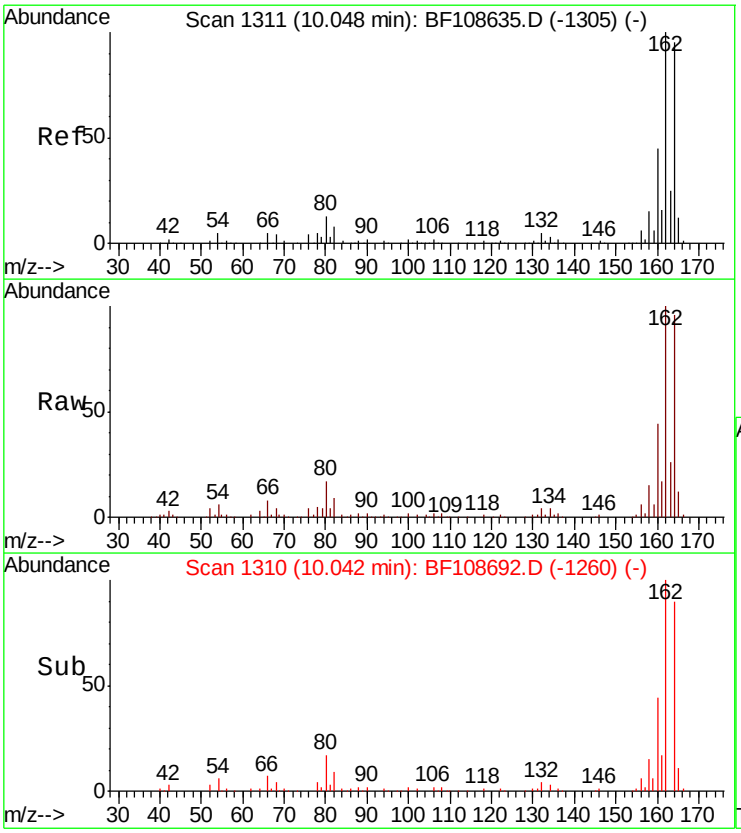
#25
Isophorone
Concen: 46.684 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 478708

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

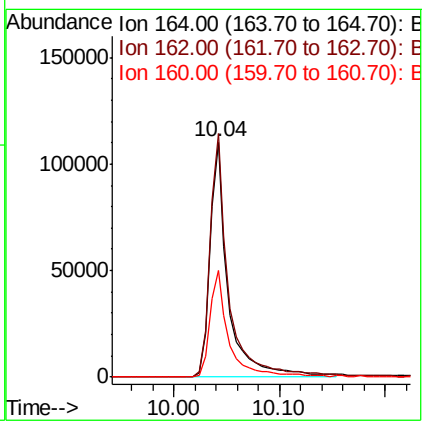


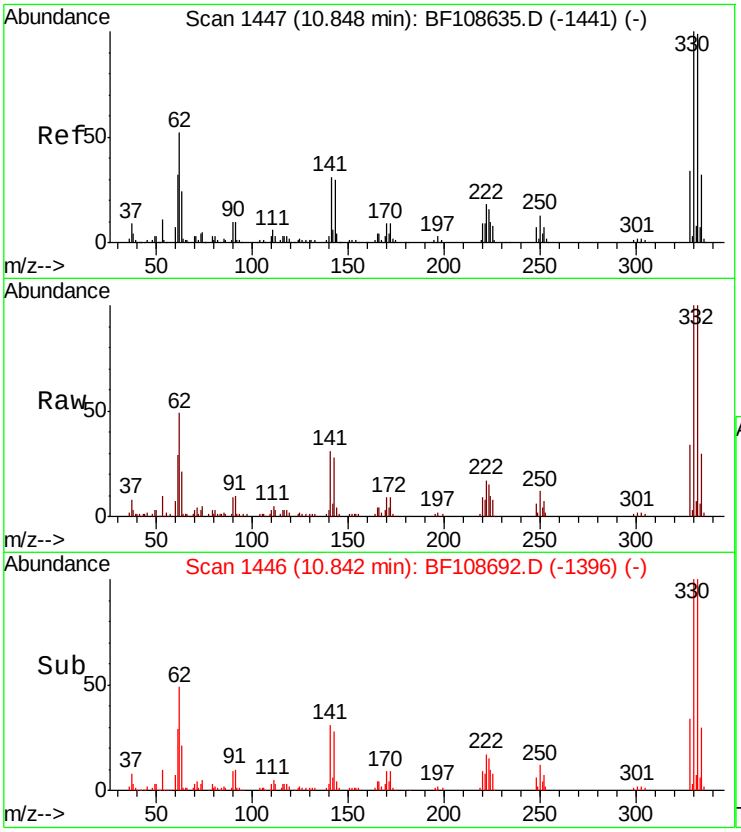


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:164 Resp: 134839

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.5	38.3	57.5



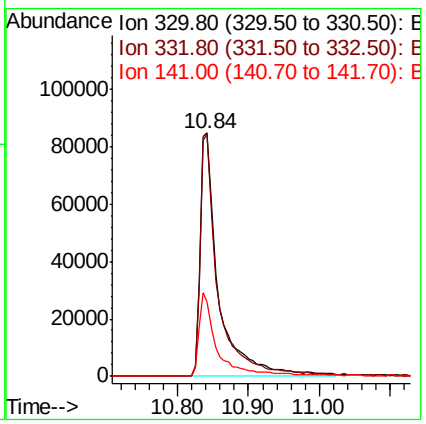


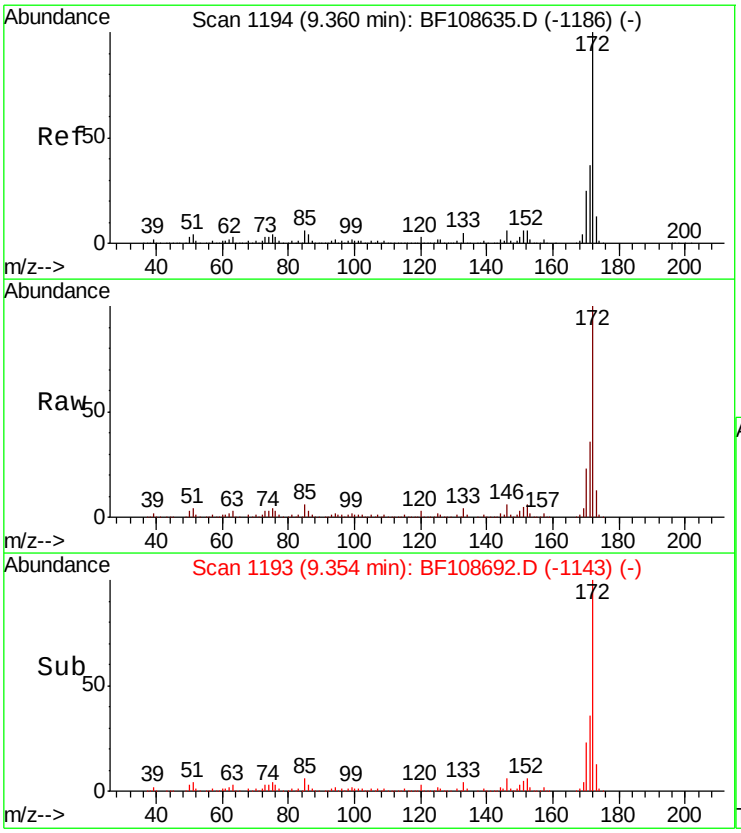
#41
2,4,6-Tribromophenol
Concen: 86.605 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 154160

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.9	29.9	44.9

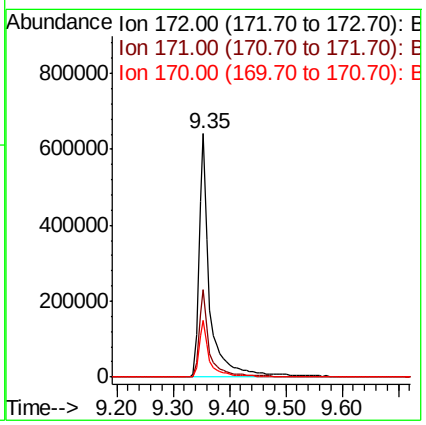


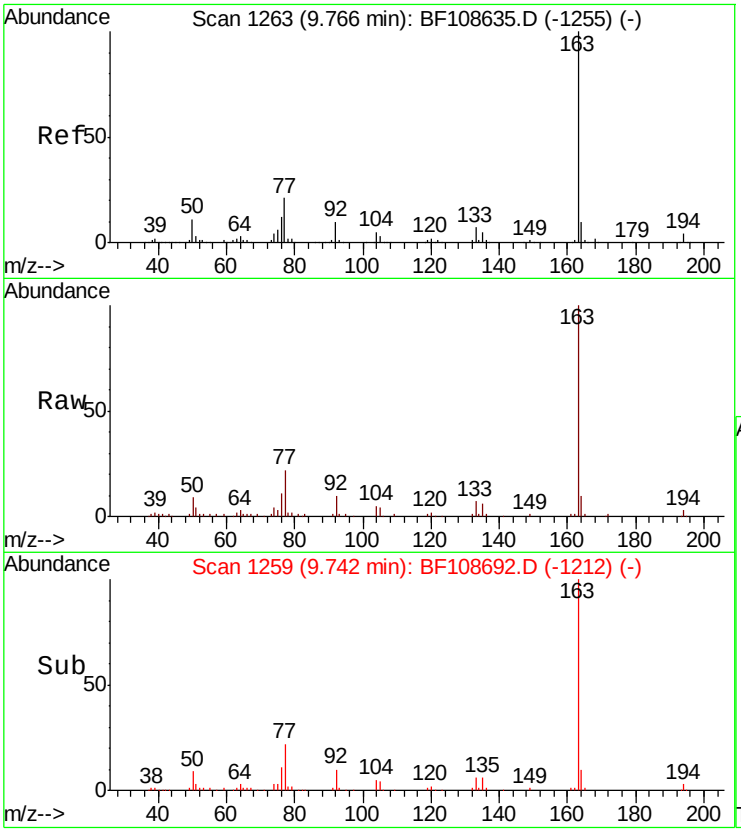


#44
2-Fluorobiphenyl
Concen: 84.873 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:172 Resp: 851141

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.4	19.6	29.4

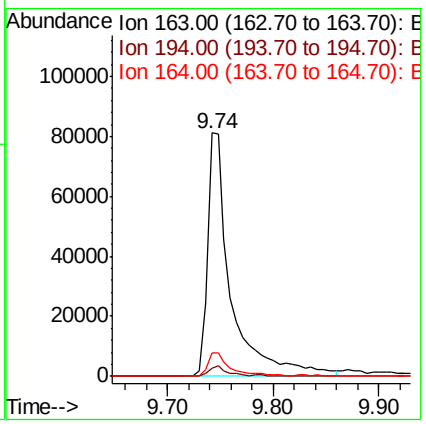




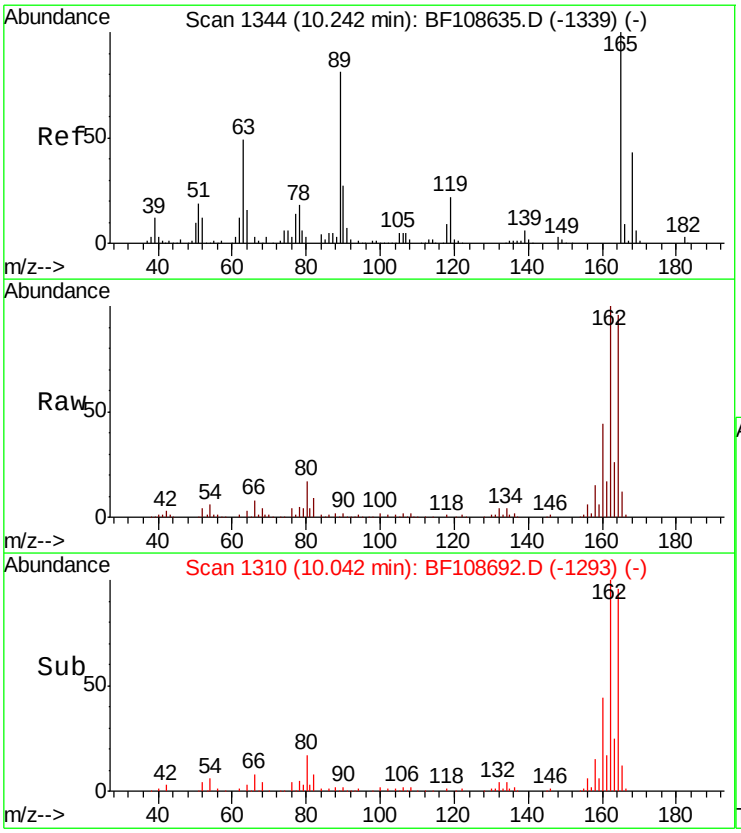
#49
Dimethylphthalate
Concen: 11.902 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:163 Resp: 126377

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2



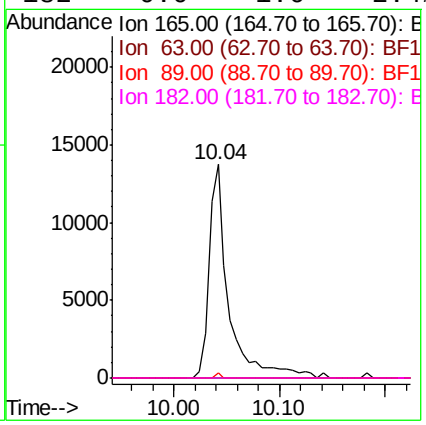
Instrument :
BNA_F
ClientSampleId :

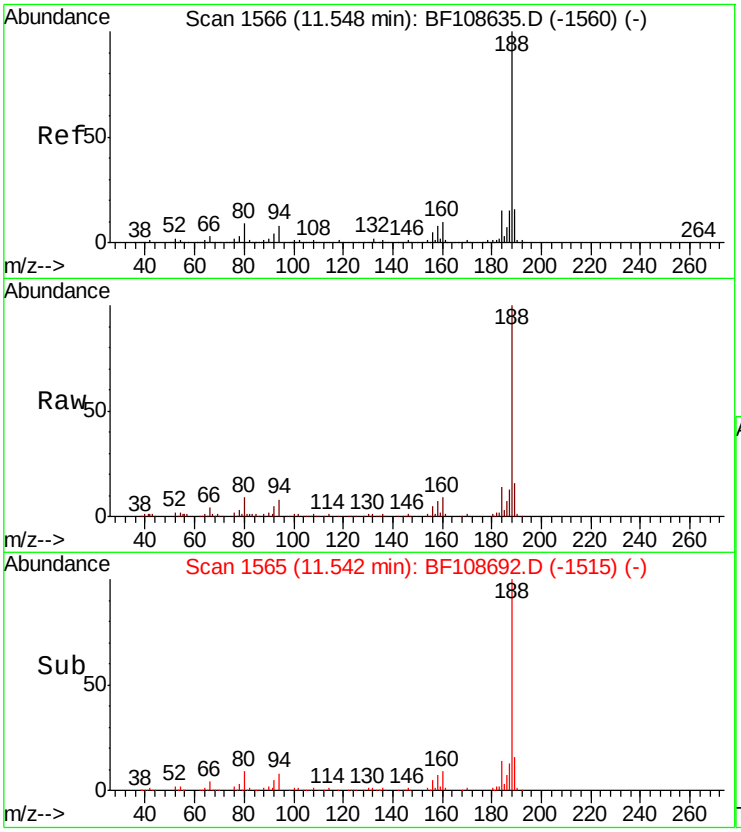


#56
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:165 Resp: 17856

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



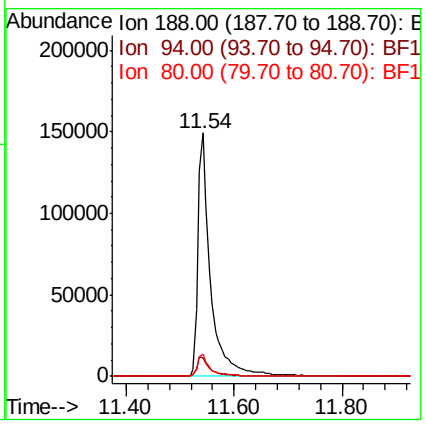


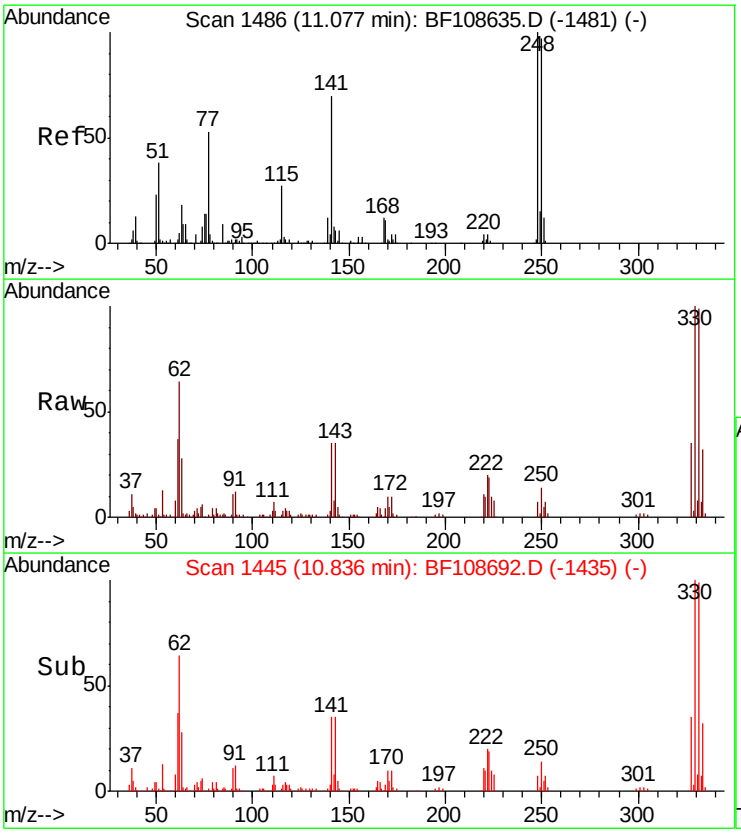
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 242958

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	9.0	9.2	13.8#

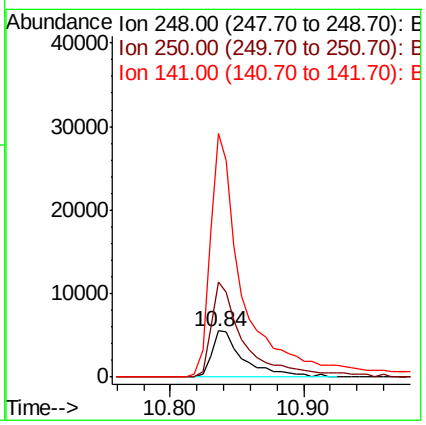


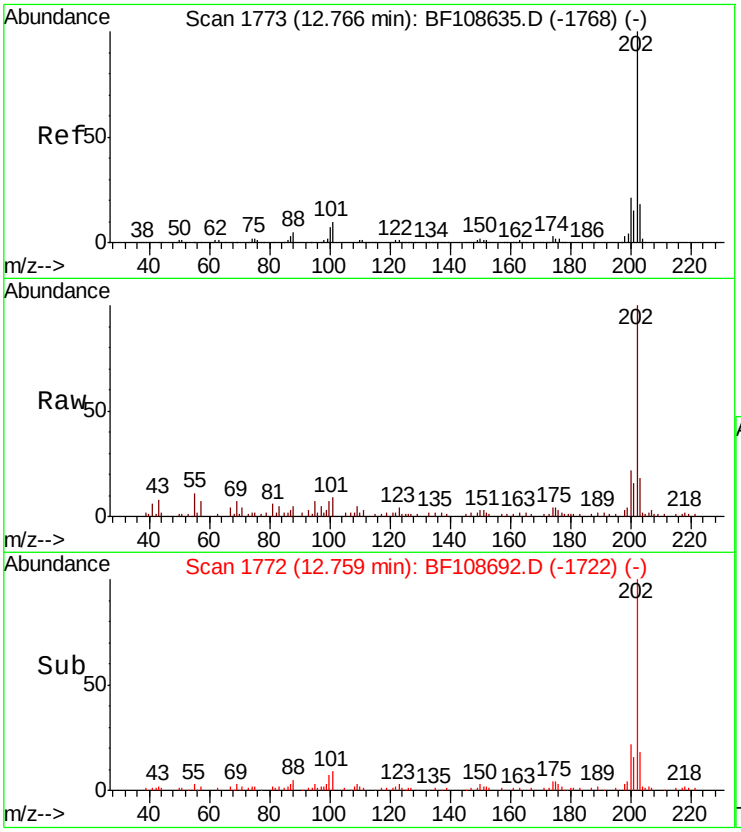


#66
4-Bromophenyl-phenylether
Concen: 3.108 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:248 Resp: 9281

Ion	Ratio	Lower	Upper
248	100		
250	207.6	76.9	115.3#
141	530.5	74.4	111.6#



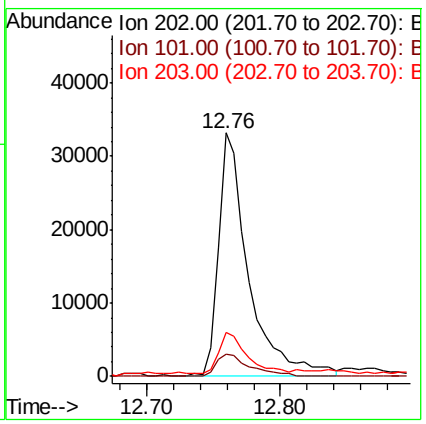


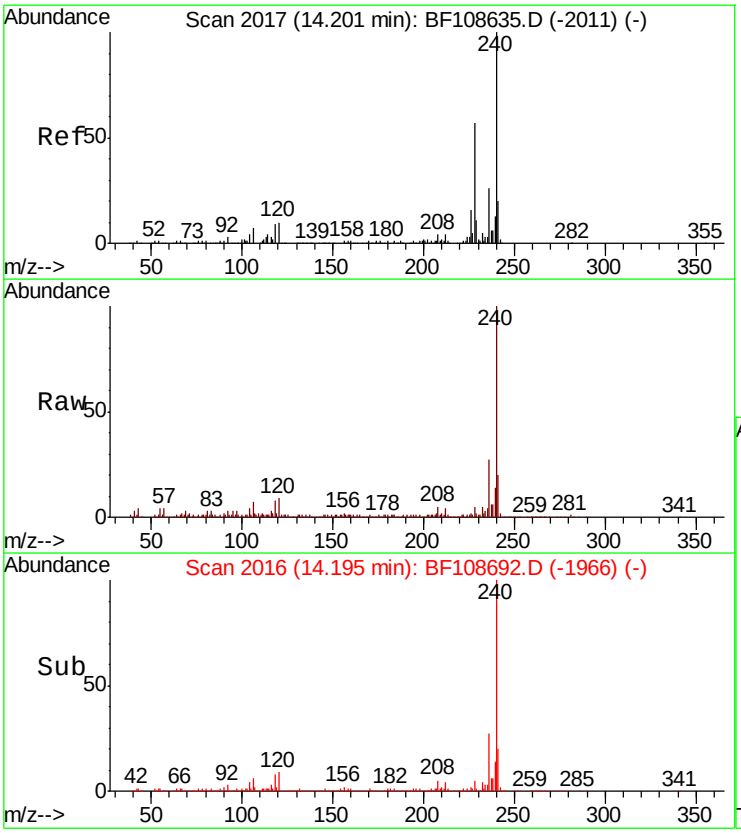
#74
Fluoranthene
Concen: 3.823 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52772

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	34.1
203	17.8	0.0	38.1

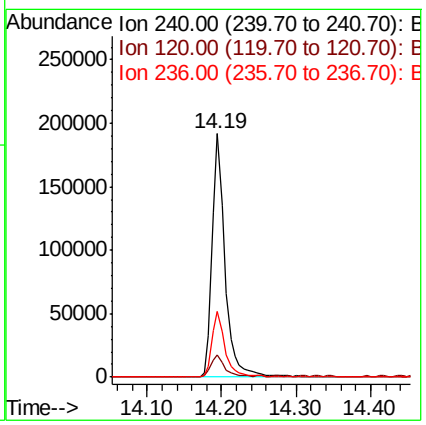


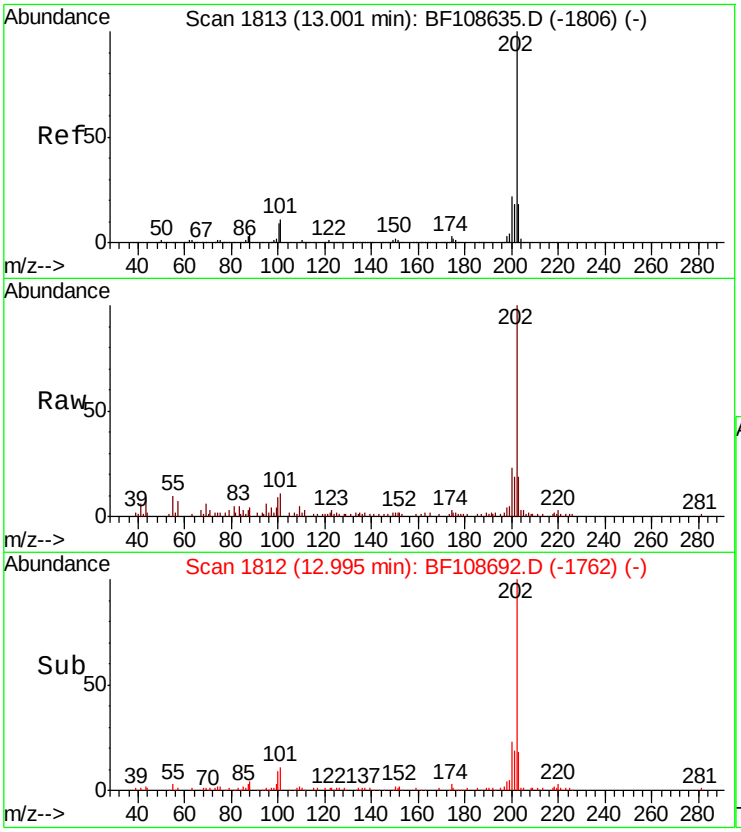


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:240 Resp: 229246

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



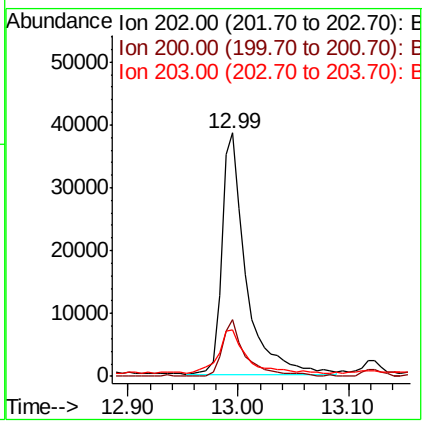


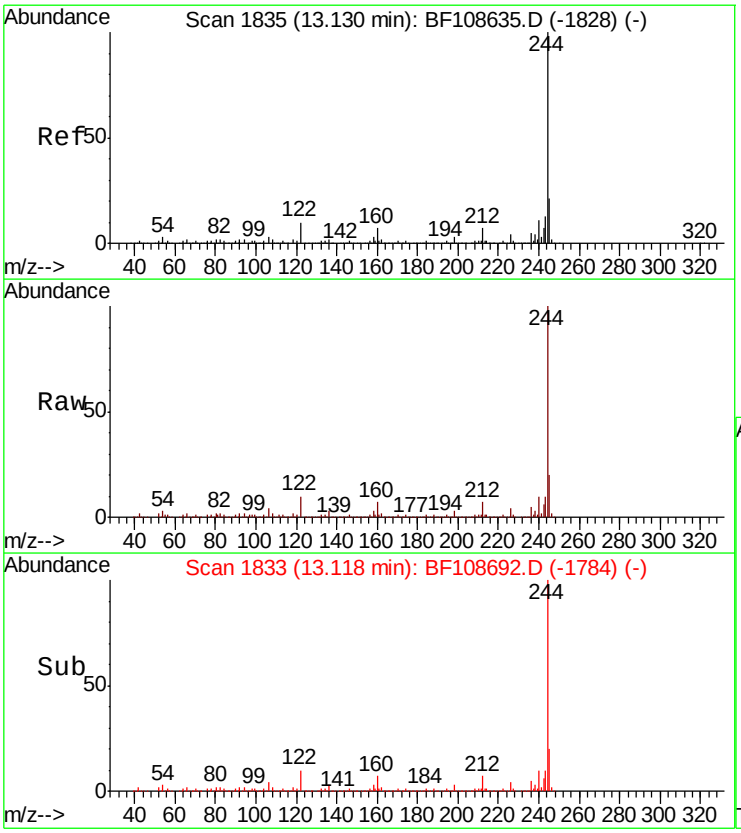
#77
Pyrene
Concen: 3.370 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 58082

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	19.2	14.3	21.5

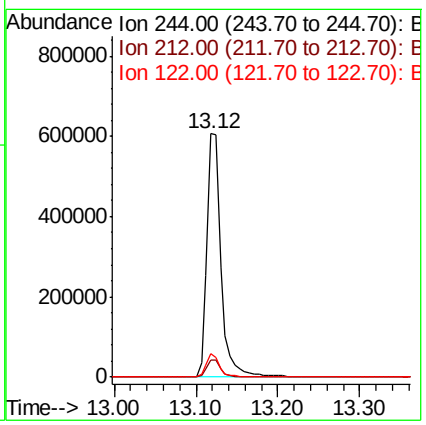


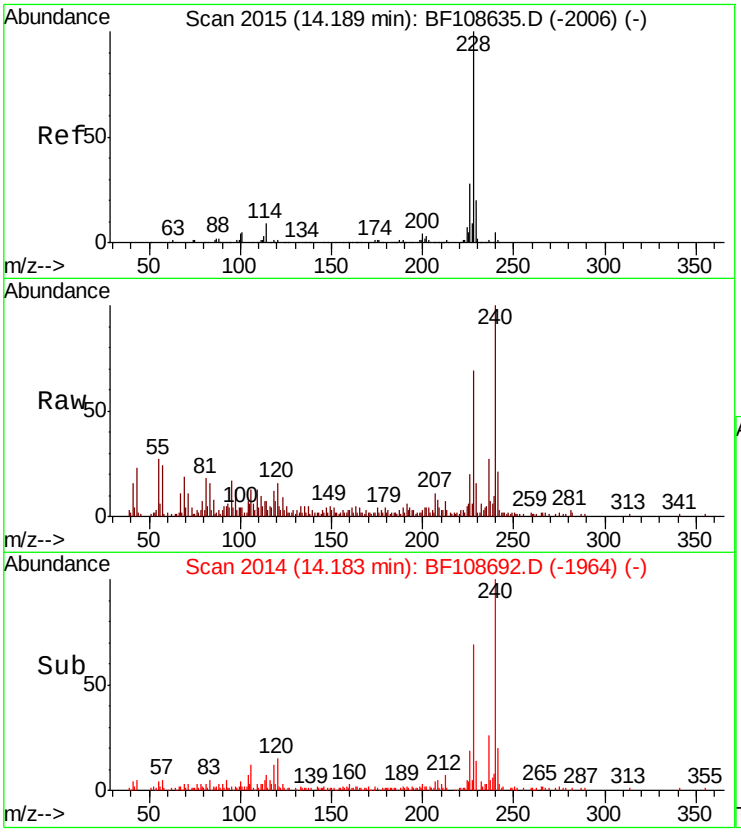


#78
Terphenyl-d14
Concen: 61.368 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:244 Resp: 724071

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.8	11.0	16.4#



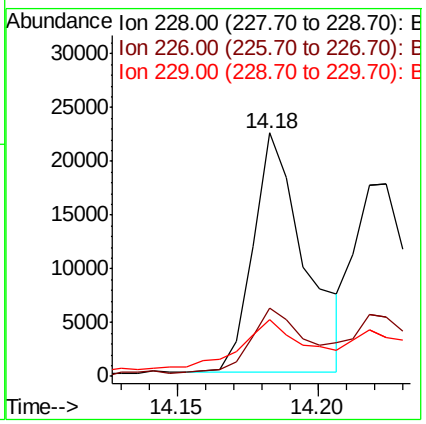


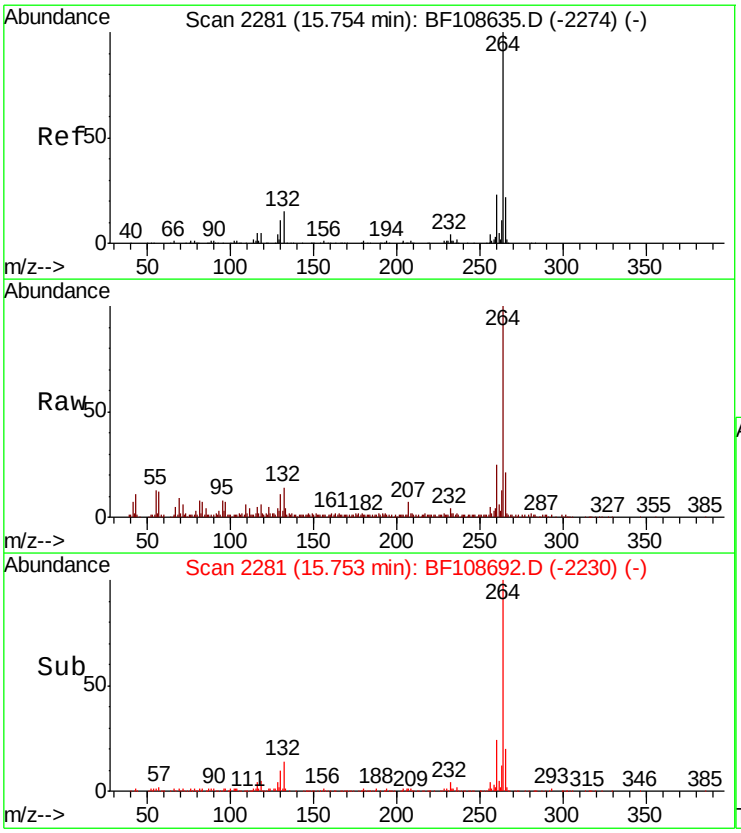
#80
Benzo(a)anthracene
Concen: 2.032 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 28393

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	23.2	15.8	23.6

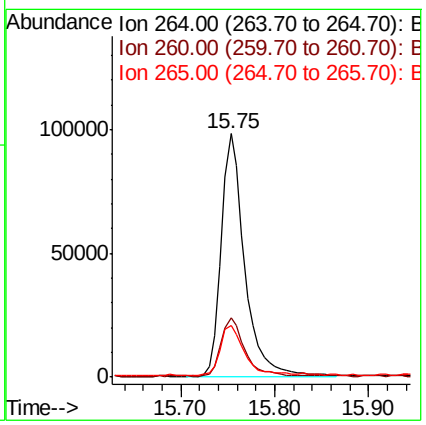


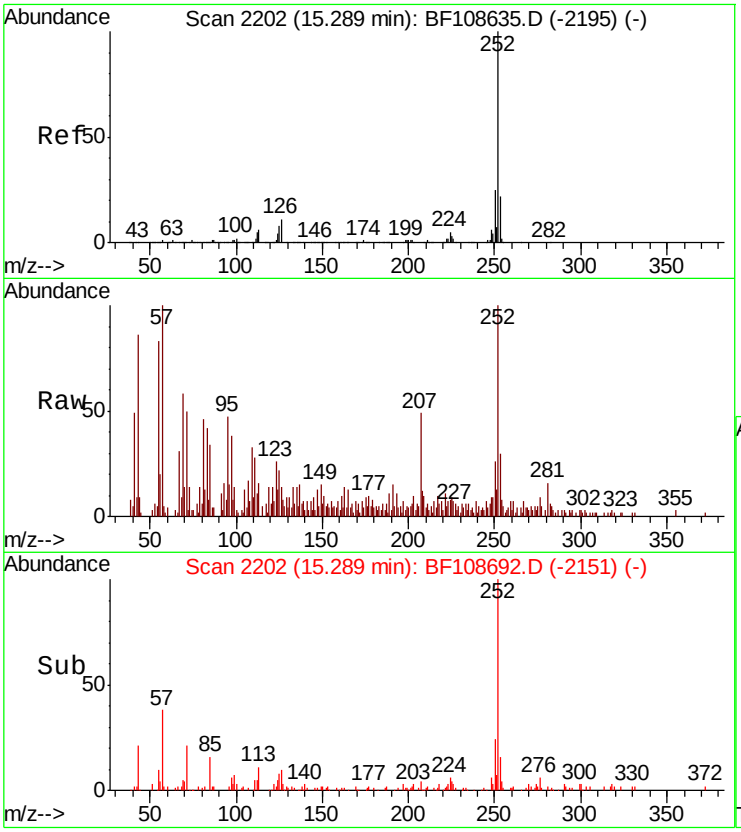


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:264 Resp: 173053

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3



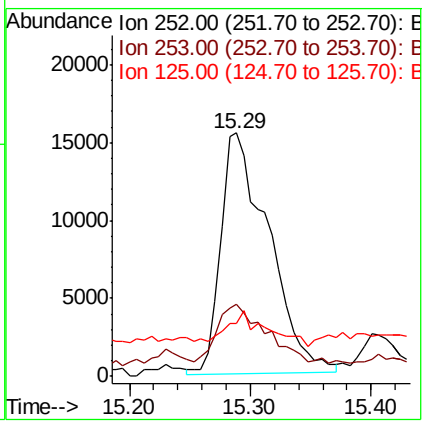


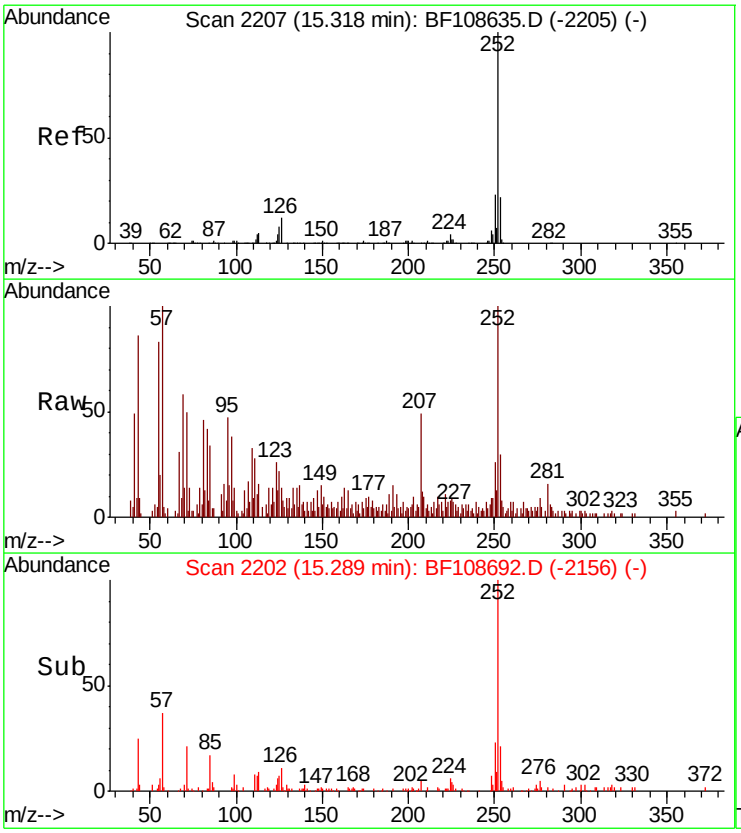
#87
Benzo(b)fluoranthene
Concen: 4.024 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42782

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.0	25.6#
125	21.7	9.0	13.6#

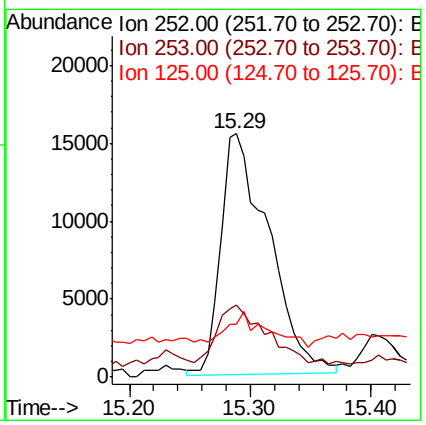


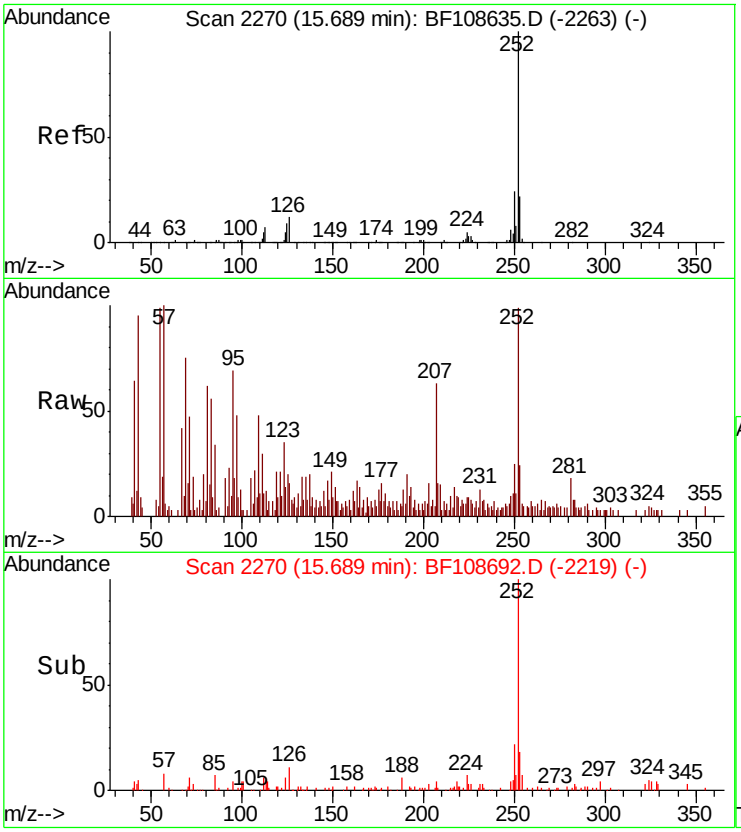


#88
Benzo(k)fluoranthene
Concen: 4.063 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.03 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Tgt Ion:252 Resp: 42782

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.9	26.9#
125	21.7	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.121 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108692.D
Acq: 31 Aug 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 20375

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	20.5	9.8	14.6#