Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108697.D
Acq On : 31 Aug 2018 18:56
Operator : JU/SJ
Sample : J4720-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 03:48:03 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	60132	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	285427	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	119292	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	214272	20.00	ng		0.00
75) Chrysene-d12	14.19	240	222173	20.00	ng		0.00
86) Perylene-d12	15.75	264	165429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	5084	1.47	ng		0.09
7) Phenol-d6	6.70	99	9672	1.95	ng		0.05
23) Nitrobenzene-d5	7.60	82	10148	1.80	ng		0.03
41) 2,4,6-Tribromophenol	10.85	330	13628	8.65	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	88387	9.96	ng		0.00
78) Terphenyl-d14	13.12	244	88716	7.76	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.75	163	29459	3.136	ng	#	99
50) 2,6-Dinitrotoluene	10.04	165	14890	7.191	ng	#	24
55) 4-Nitrophenol	10.27	139	3081	6.787	ng	#	36
56) 2,4-Dinitrotoluene	10.04	165	15622	5.698	ng	#	21
70) Phenanthrene	11.57	178	210568	19.469	ng		99
71) Anthracene	11.57	178	210568	18.529	ng		99
74) Fluoranthene	12.77	202	258537	21.237	ng		94
77) Pyrene	12.99	202	197267	11.812	ng		98
80) Benzo(a)anthracene	14.19	228	44432	3.281	ng		96
82) Chrysene	14.22	228	97880	7.515	ng		98
85) Indeno(1,2,3-cd)pyrene	17.38	276	35214	3.888	ng	#	87
87) Benzo(b)fluoranthene	15.28	252	130595	12.851	ng		98
88) Benzo(k)fluoranthene	15.28	252	130595	12.973	ng	#	96
89) Benzo(a)pyrene	15.69	252	56170	6.116	ng		96
91) Benzo(g,h,i)perylene	17.87	276	29957	4.202	ng	#	91

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Aug 2018 18:56
Operator : JU/SJ
Sample : J4720-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 01 03:48:03 2018
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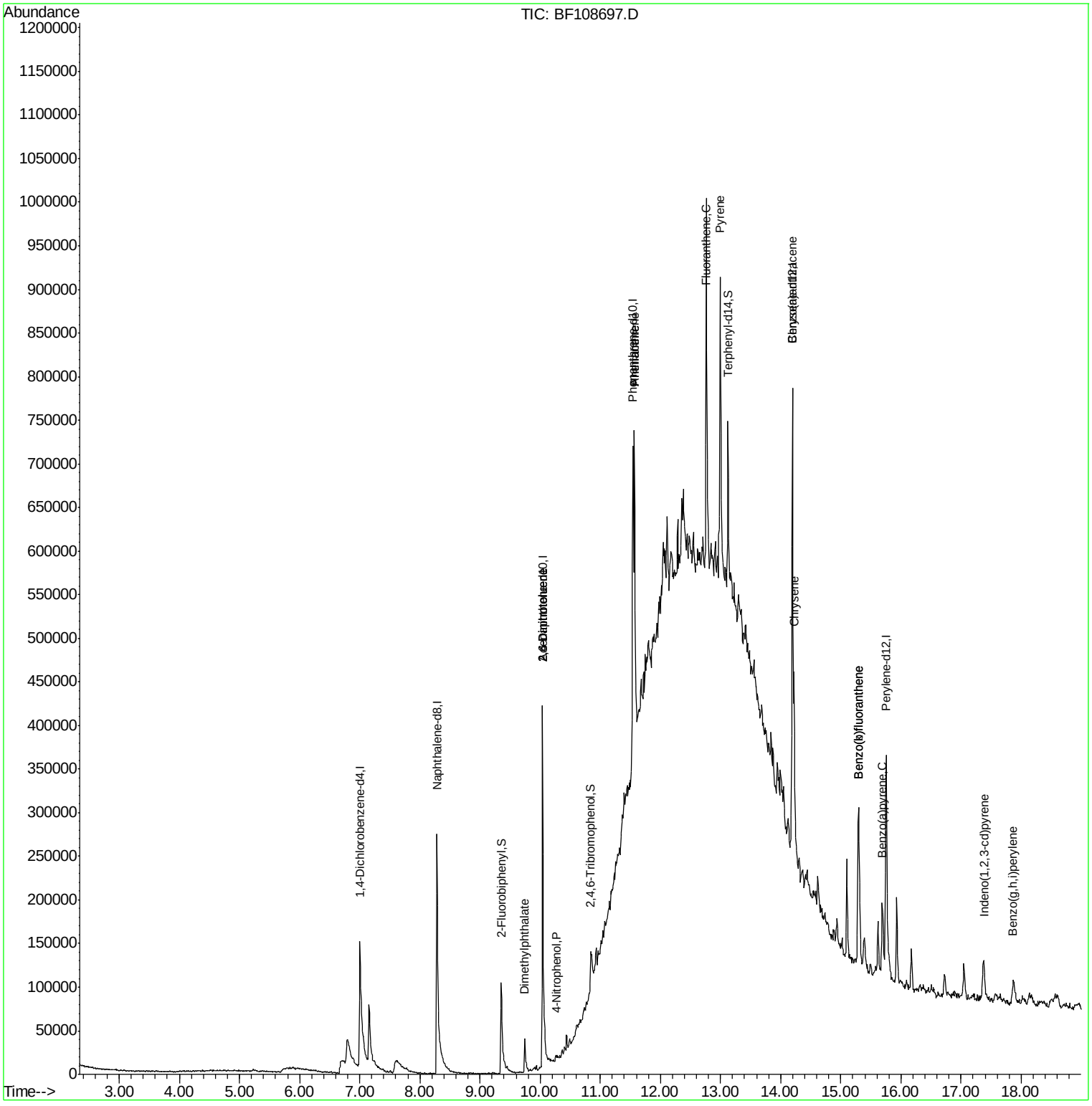
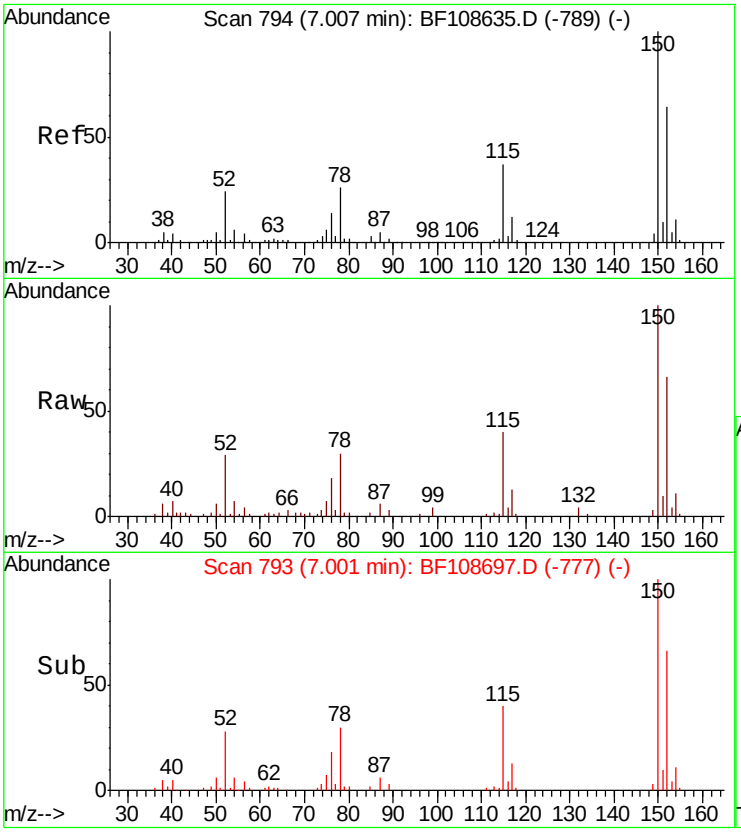
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



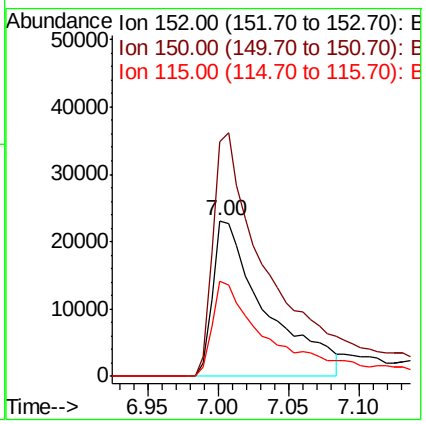


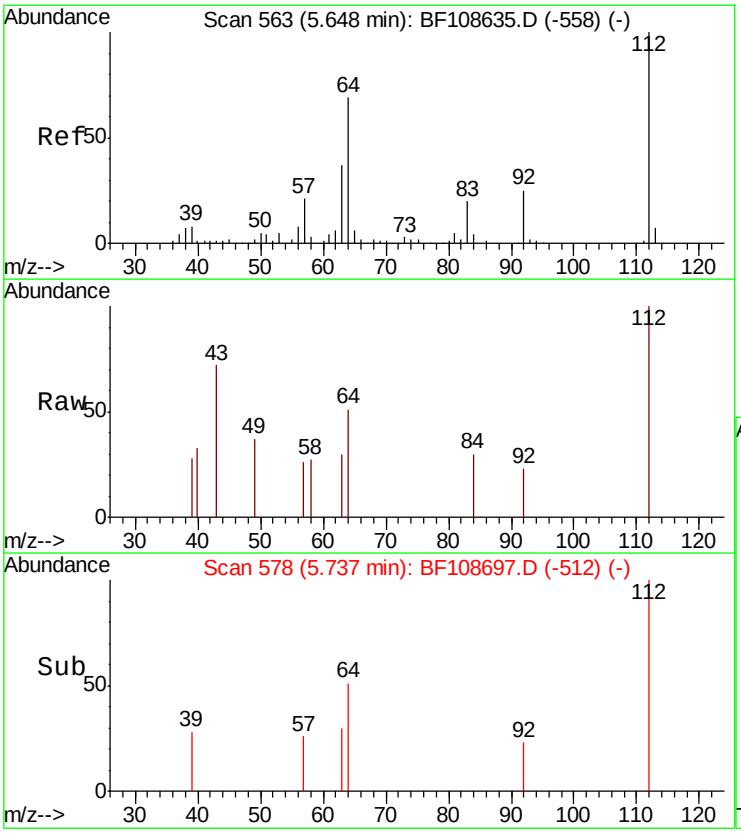
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60132

Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.6	186.8
115	61.1	50.1	75.1

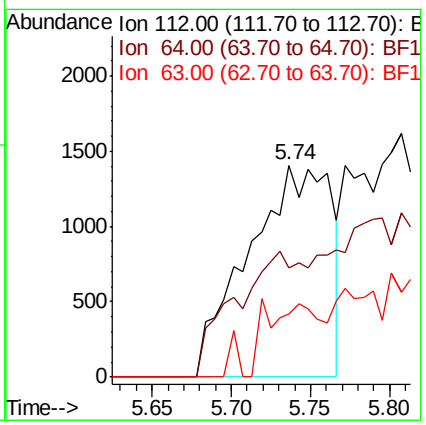


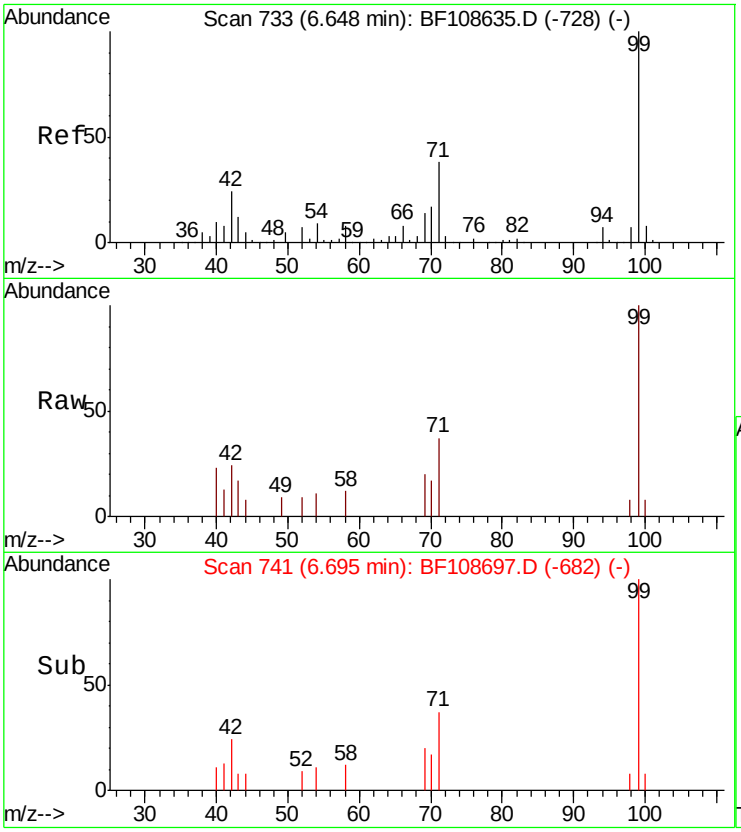


#5
2-Fluorophenol
Concen: 1.469 ng
RT: 5.74 min Scan# 578
Delta R.T. 0.09 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:112 Resp: 5084

Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	29.6	23.7	35.5



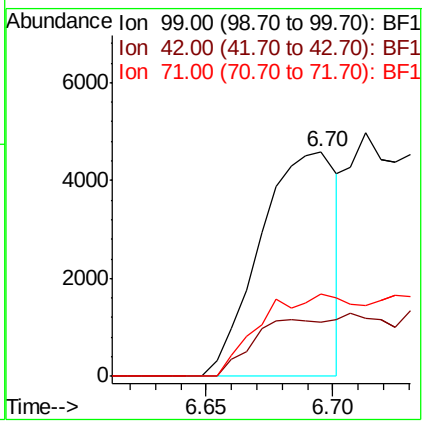


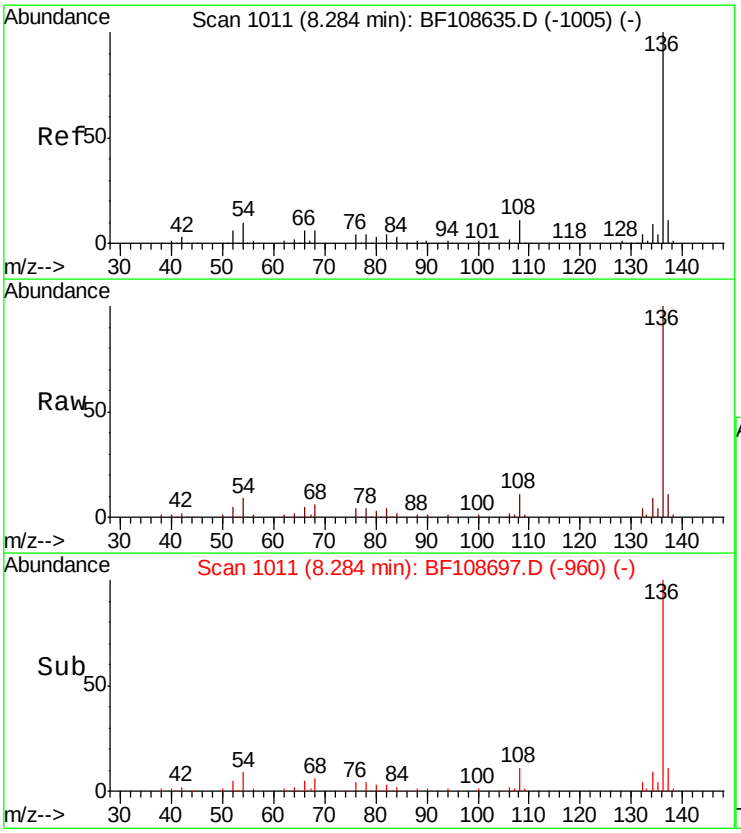
#7
Phenol-d6
Concen: 1.951 ng
RT: 6.70 min Scan# 741
Delta R.T. 0.05 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 9672

Ion	Ratio	Lower	Upper
99	100		
42	24.1	14.5	21.7#
71	36.8	25.4	38.0

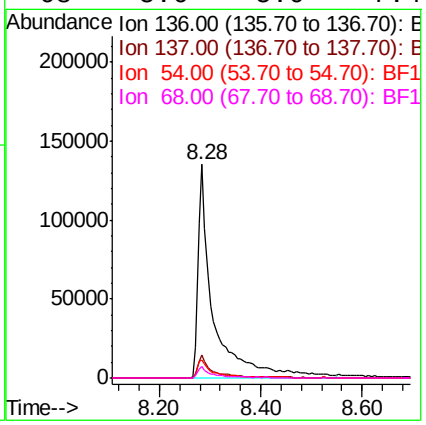


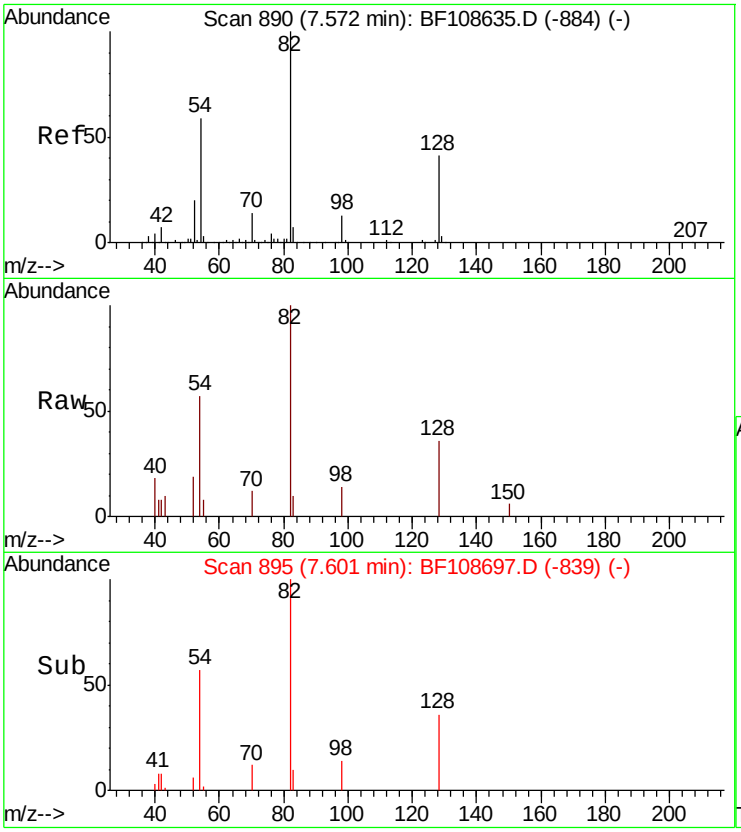


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:136 Resp: 285427

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	5.6	5.0	7.4



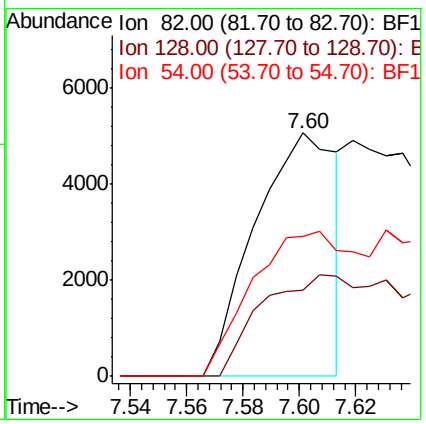


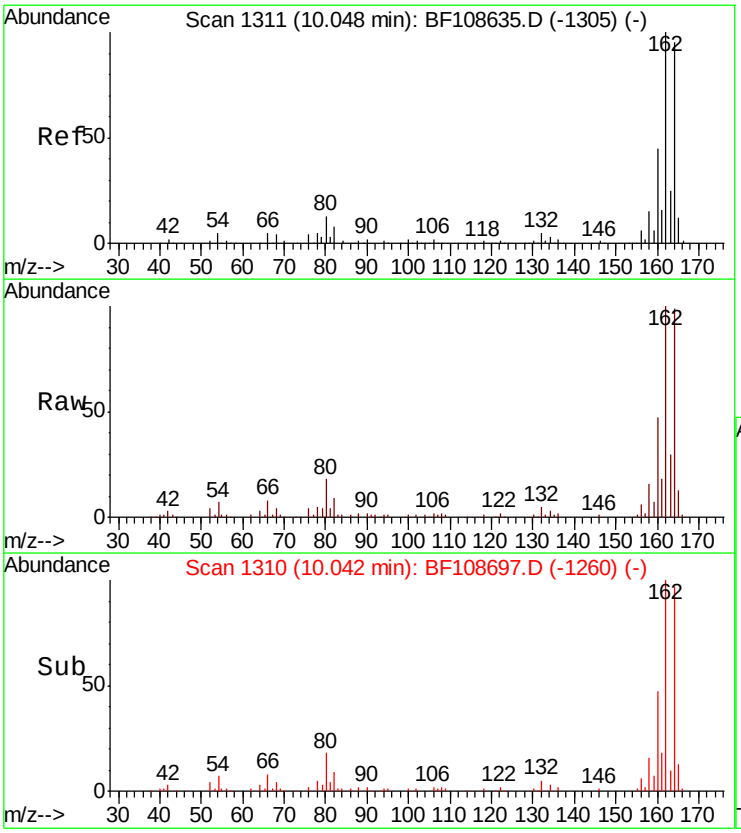
#23
Nitrobenzene-d5
Concen: 1.805 ng
RT: 7.60 min Scan# 895
Delta R.T. 0.03 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 10148

Ion	Ratio	Lower	Upper
82	100		
128	35.6	36.1	54.1#
54	57.4	41.4	62.2

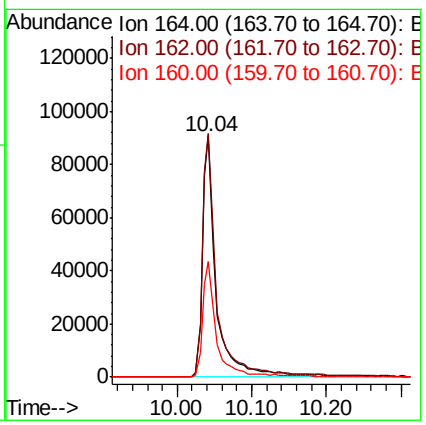


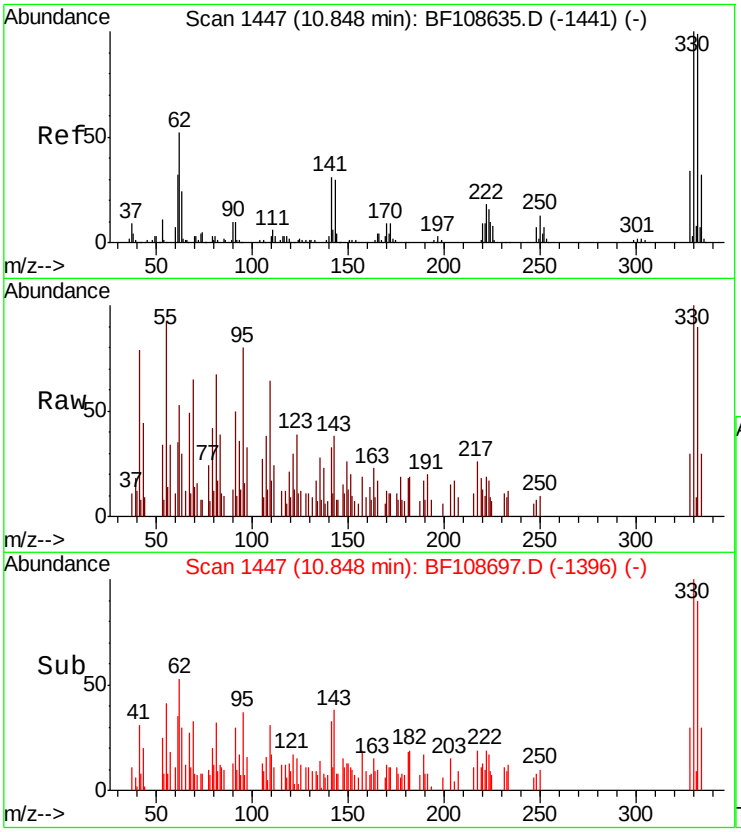


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:164 Resp: 119292

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	47.9	38.3	57.5



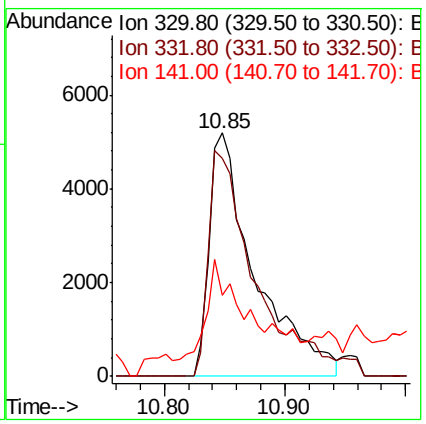


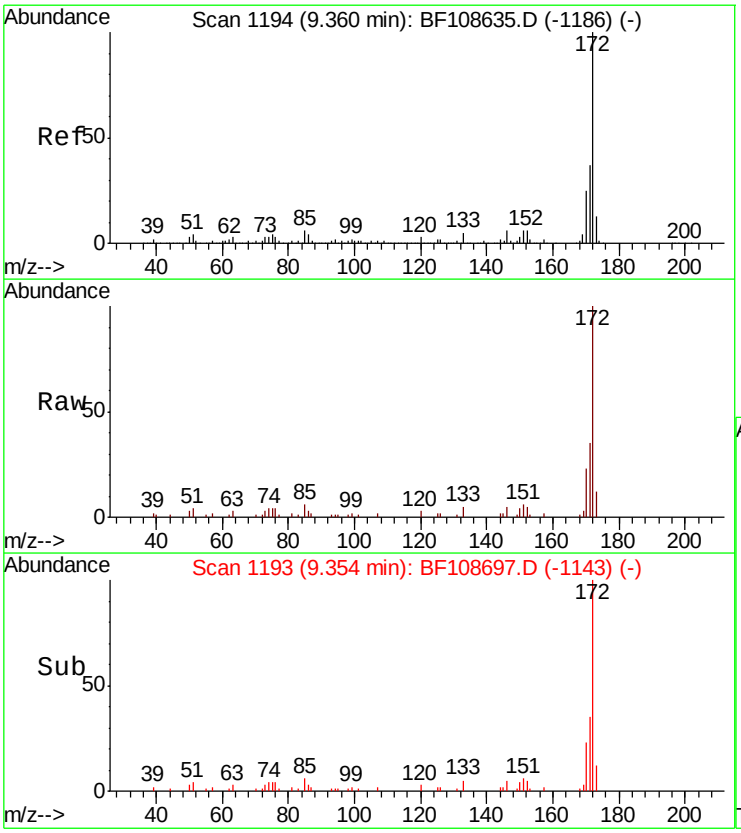
#41
2,4,6-Tribromophenol
Concen: 8.654 ng
RT: 10.85 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13628

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	29.3	29.9	44.9#

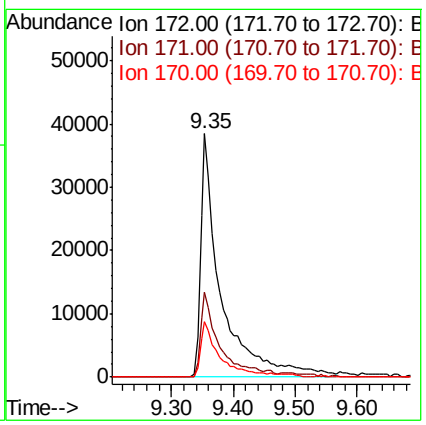


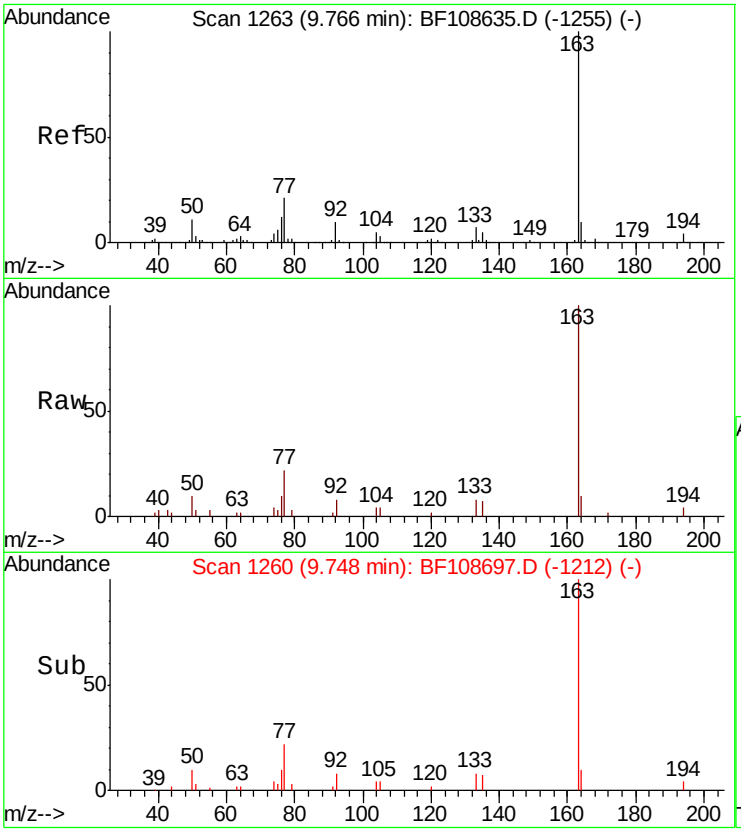


#44
2-Fluorobiphenyl
Concen: 9.962 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:172 Resp: 88387

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.6	19.6	29.4

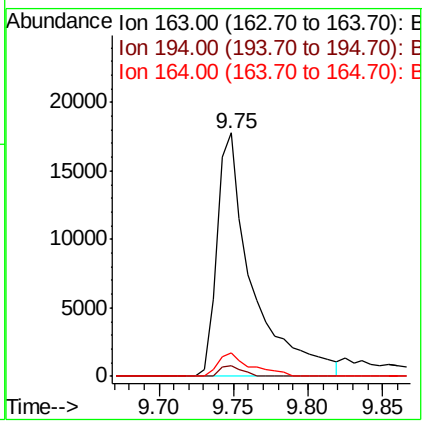




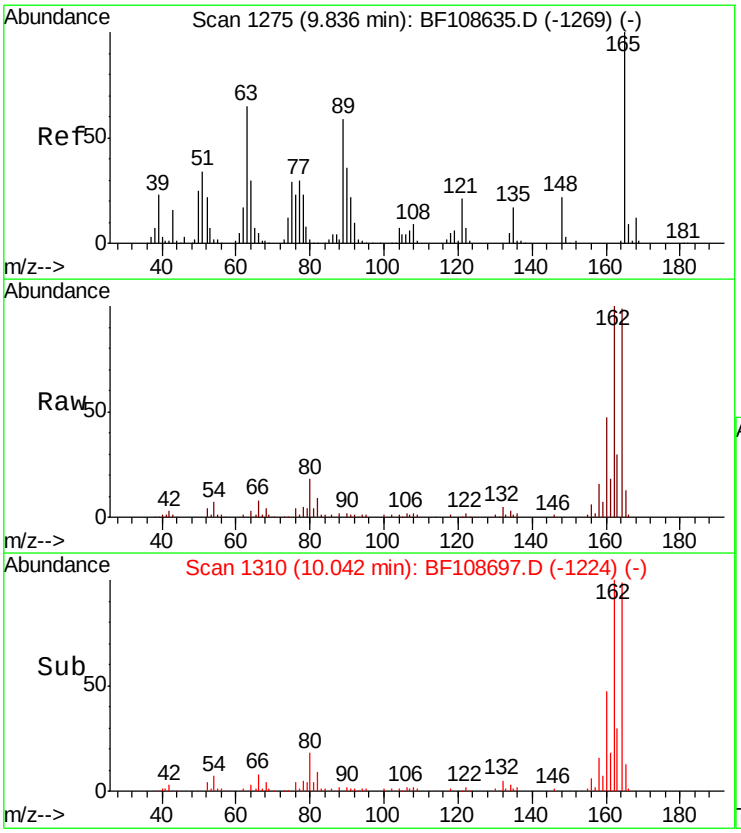
#49
Dimethylphthalate
Concen: 3.136 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:163 Resp: 29459

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.8	8.2	12.2



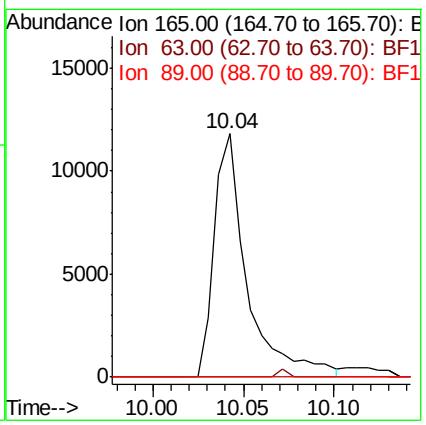
Instrument :
BNA_F
ClientSampleId :

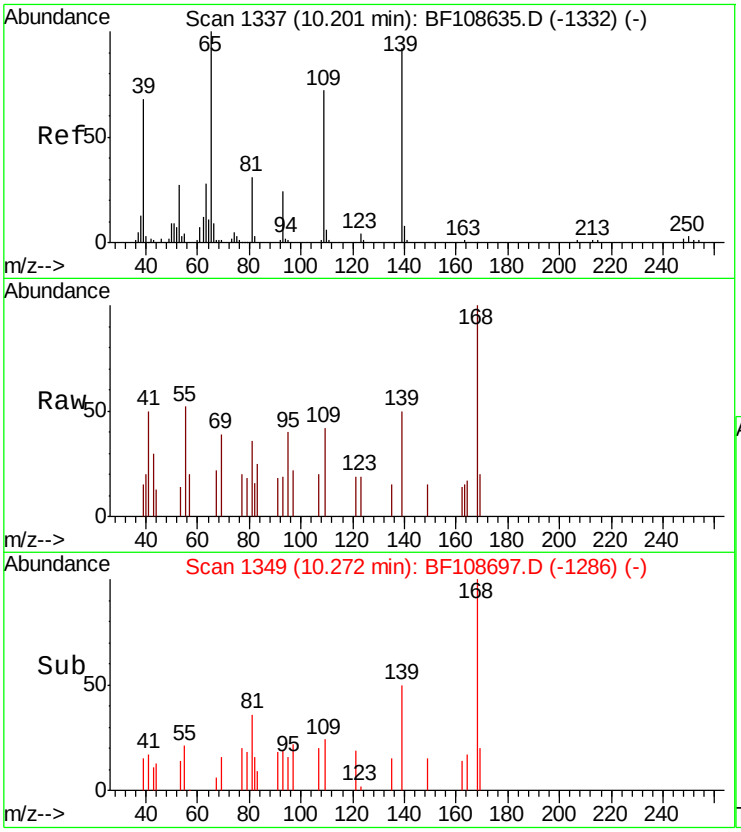


#50
2,6-Dinitrotoluene
Concen: 7.191 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:165 Resp: 14890

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



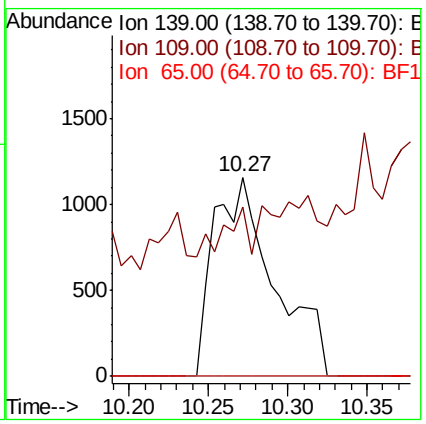


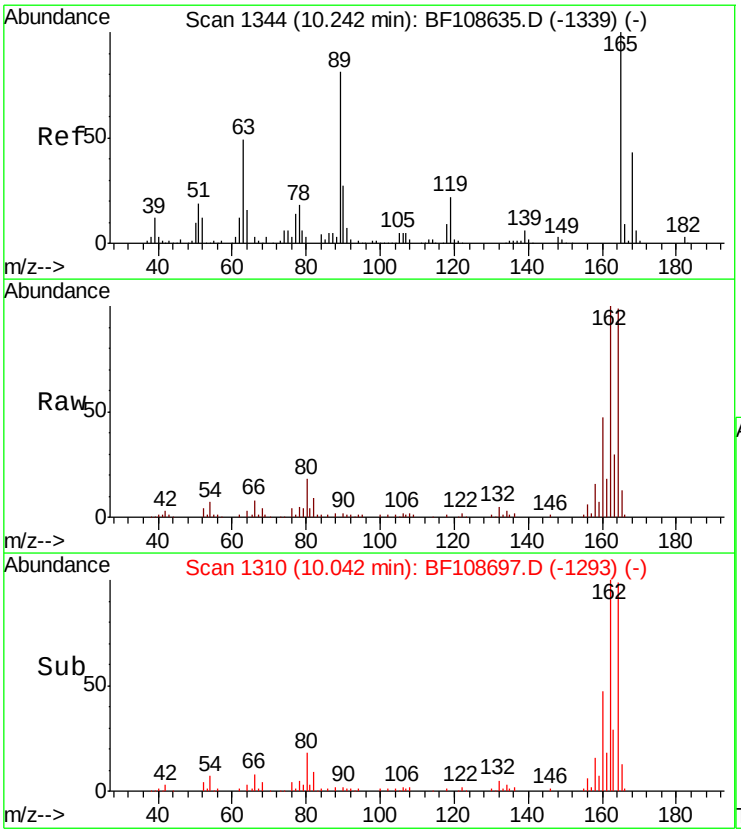
#55
4-Nitrophenol
Concen: 6.787 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.07 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3081

Ion	Ratio	Lower	Upper
139	100		
109	84.8	48.4	88.4
65	0.0	72.6	112.6#

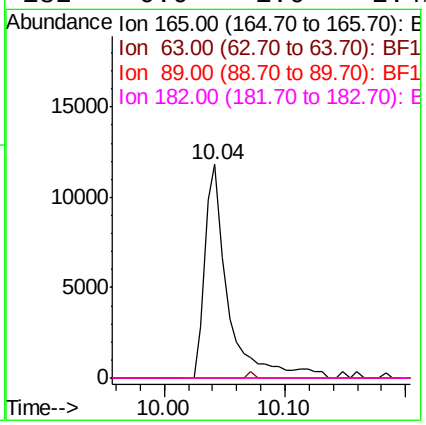


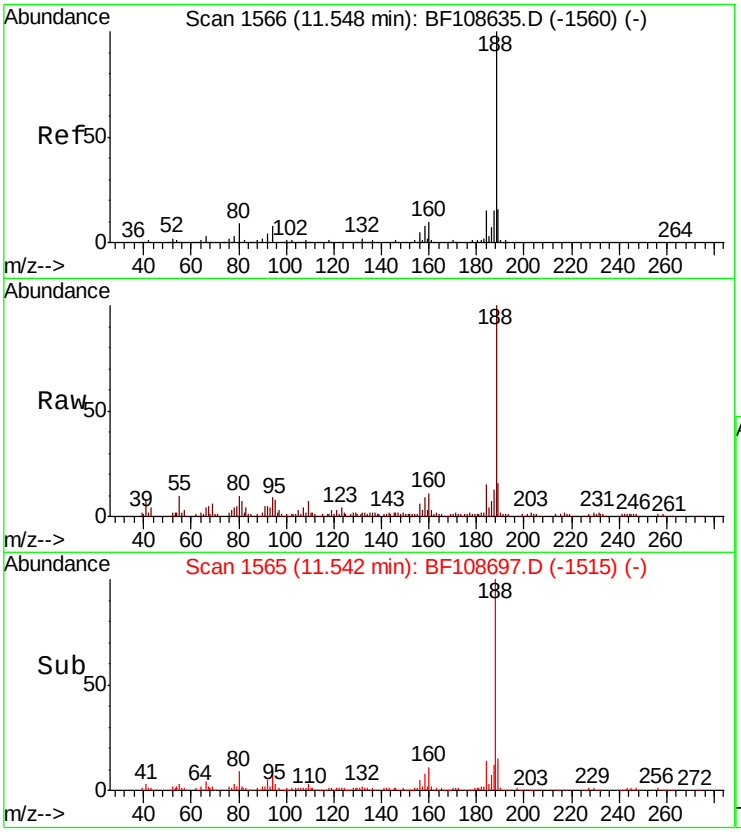


#56
2,4-Dinitrotoluene
Concen: 5.698 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:165 Resp: 15622

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#



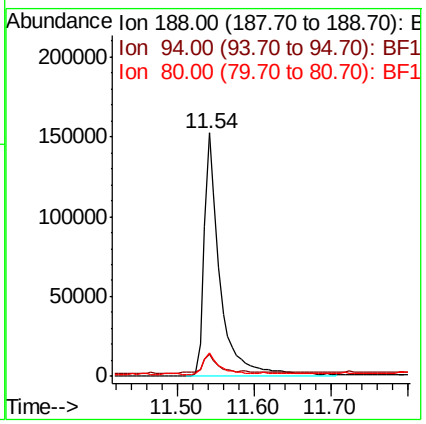


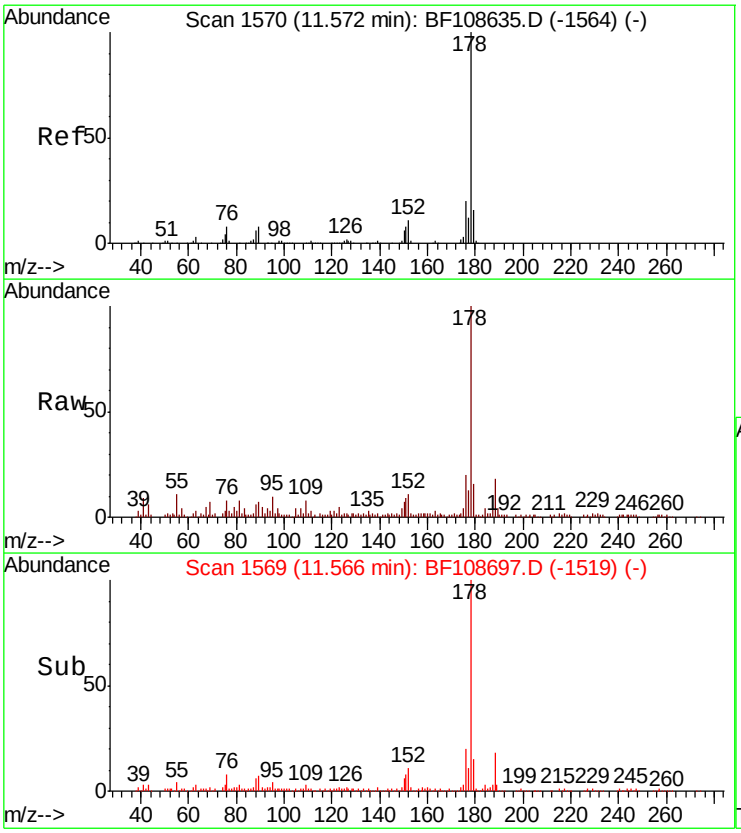
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 214272

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.5	9.2	13.8

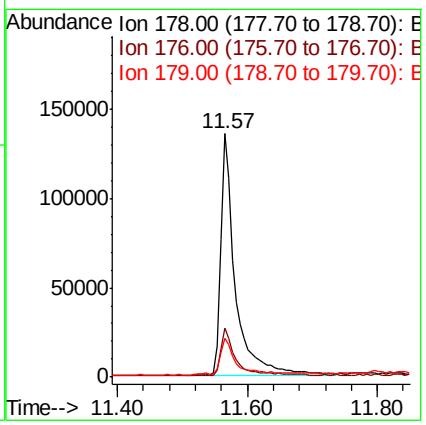


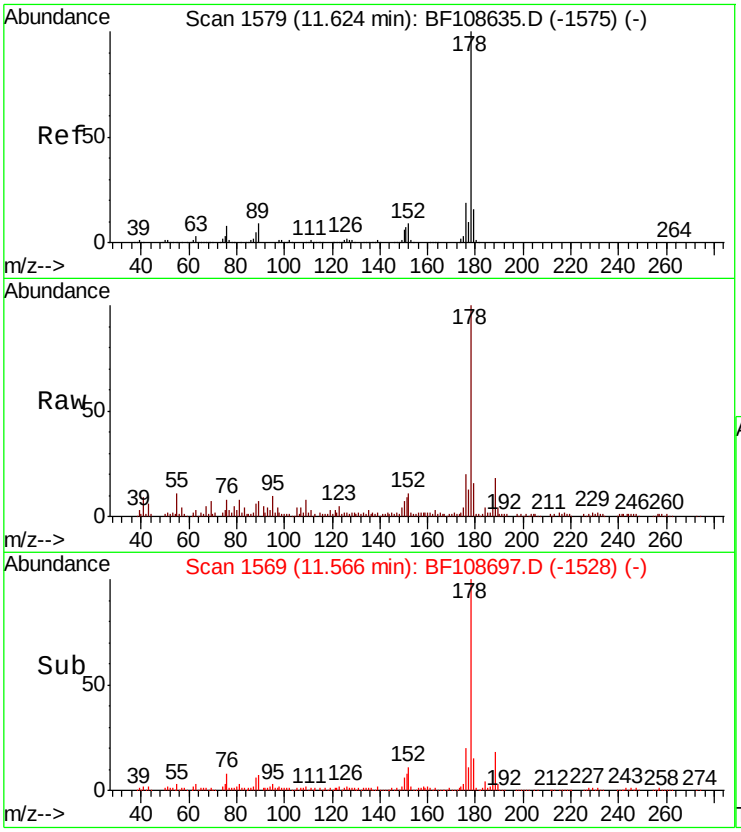


#70
Phenanthrene
Concen: 19.469 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:178 Resp: 210568

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	13.0	19.6



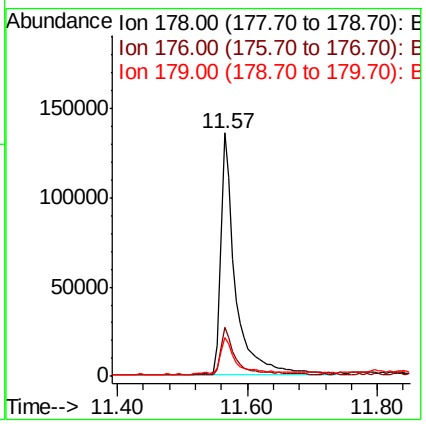


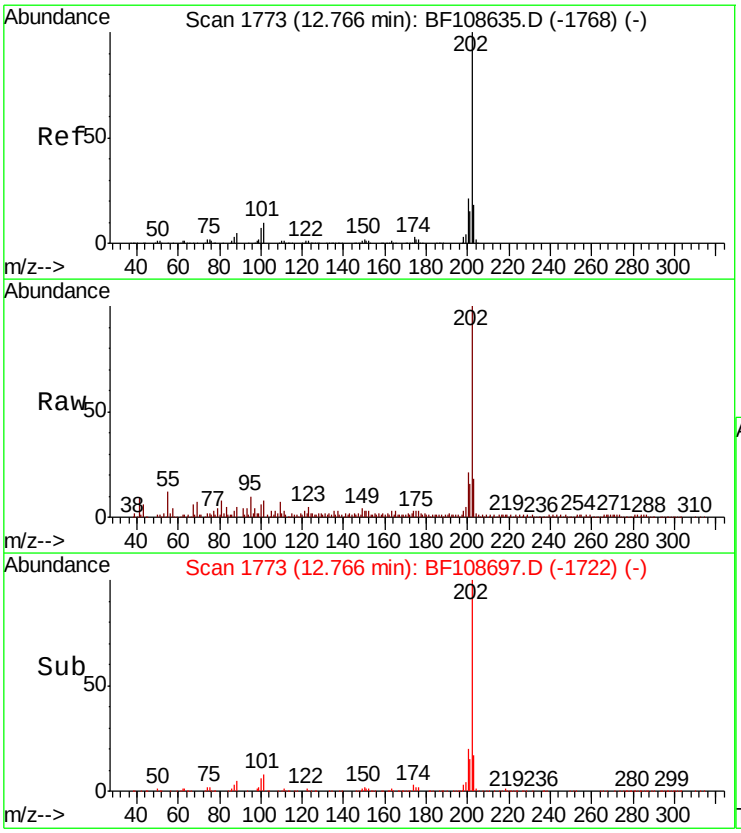
#71
Anthracene
Concen: 18.529 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.06 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 210568

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	15.7	12.6	19.0

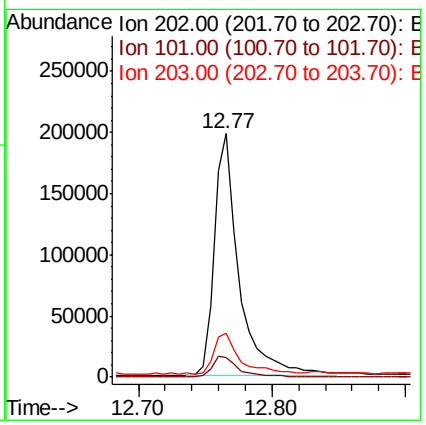


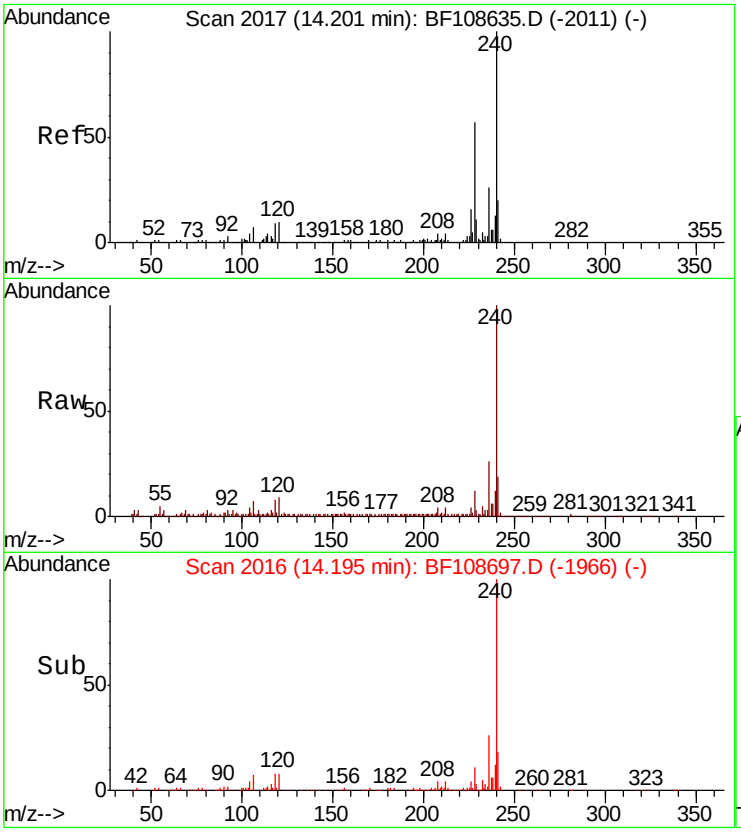


#74
Fluoranthene
Concen: 21.237 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:202 Resp: 258537

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.1
203	18.1	0.0	38.1



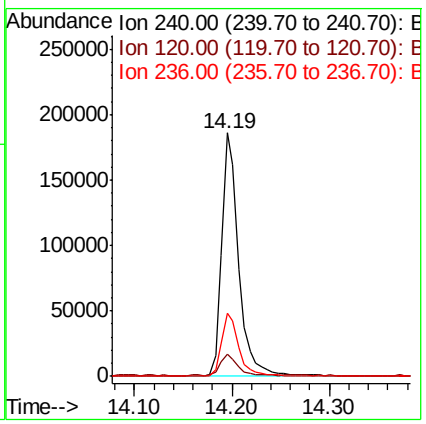


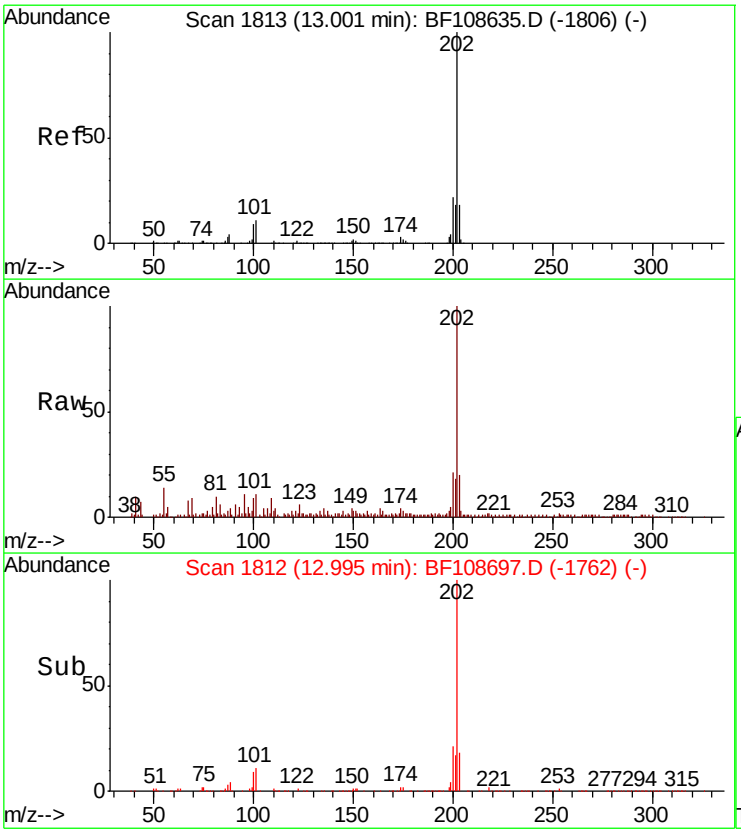
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 222173

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.7	20.7	31.1

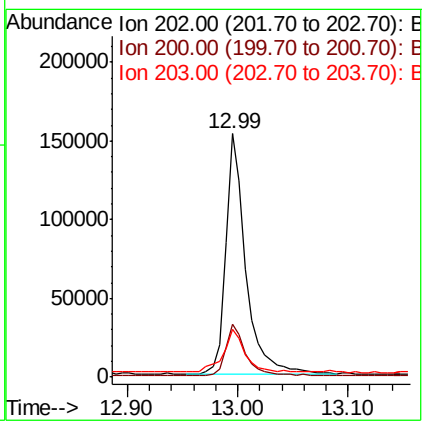


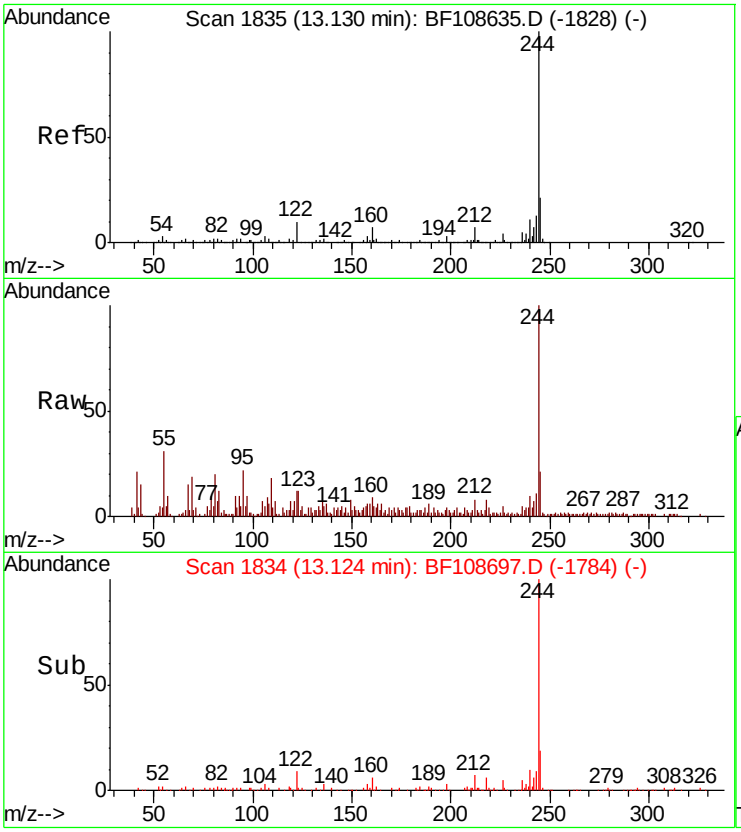


#77
Pyrene
Concen: 11.812 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:202 Resp: 197267

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	19.6	14.3	21.5



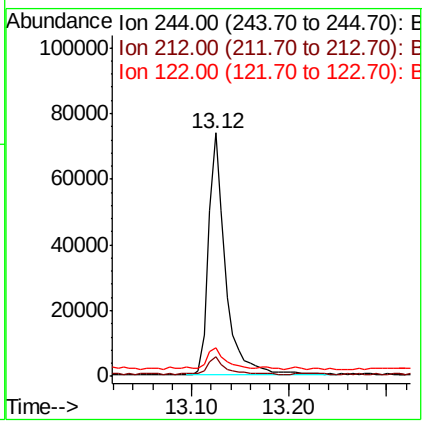


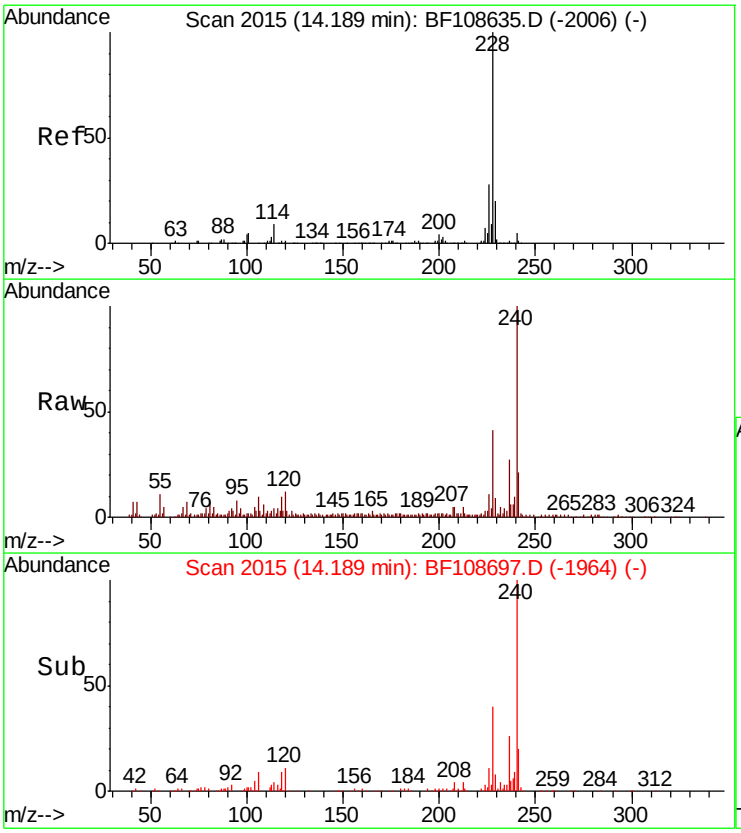
#78
Terphenyl-d14
Concen: 7.758 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 88716

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	11.9	11.0	16.4

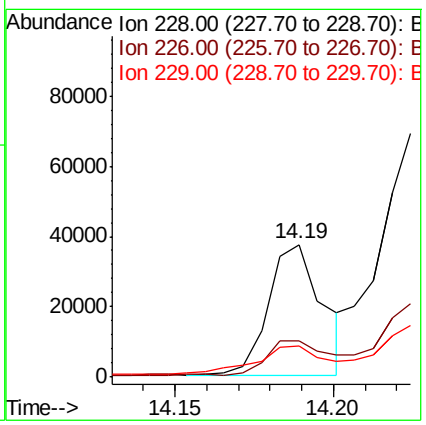


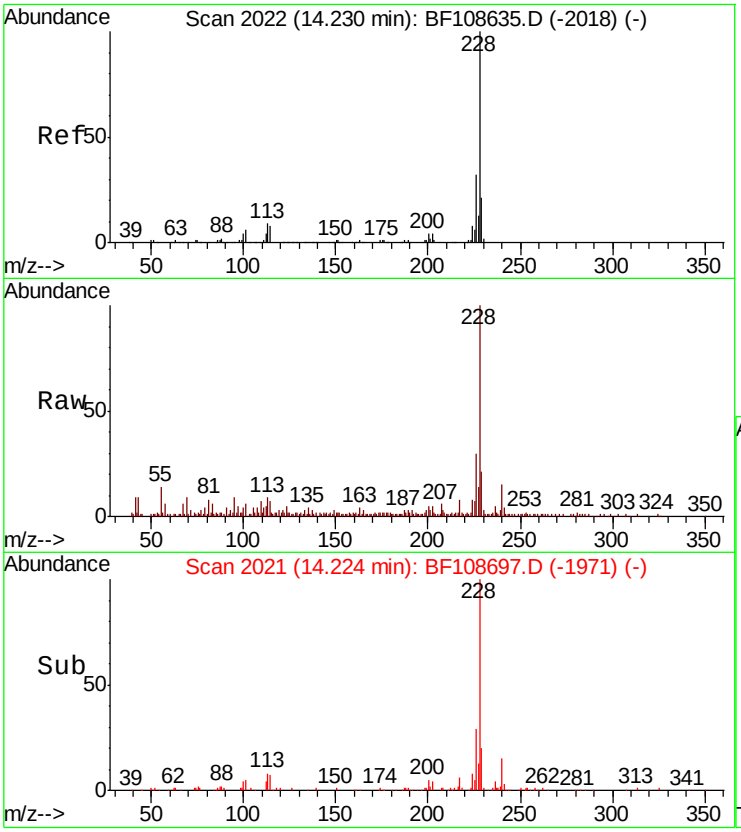


#80
Benzo(a)anthracene
Concen: 3.281 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:228 Resp: 44432

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	23.1	15.8	23.6



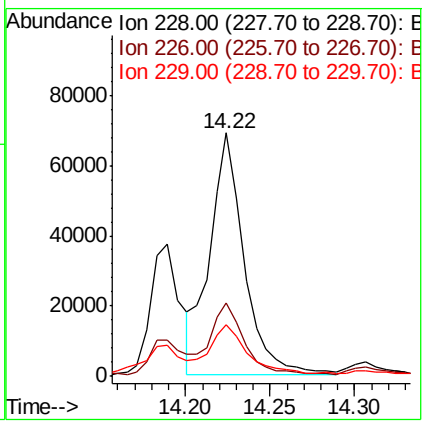


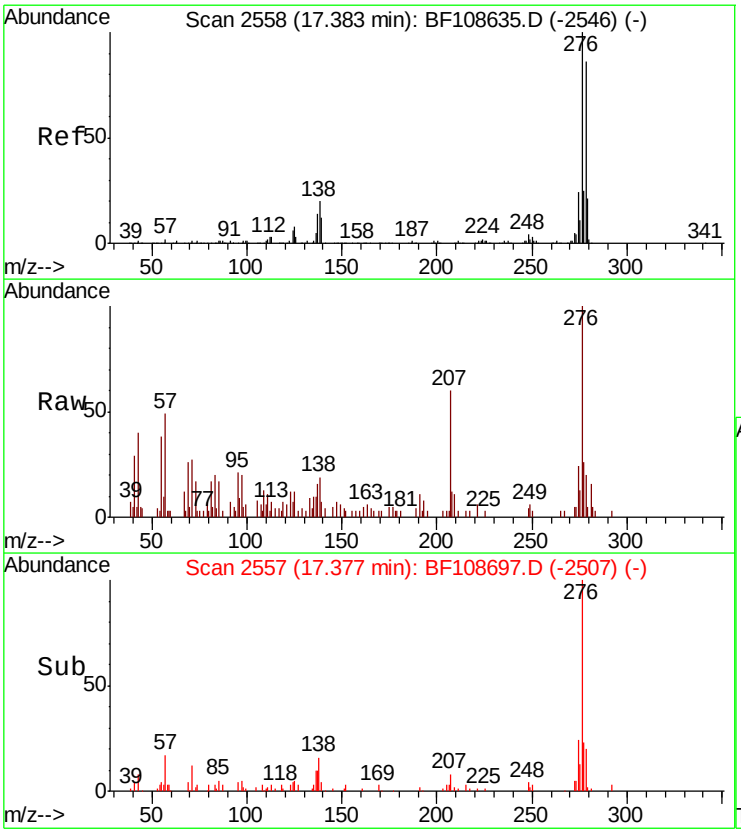
#82
Chrysene
Concen: 7.515 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 97880

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.2	16.2	24.4

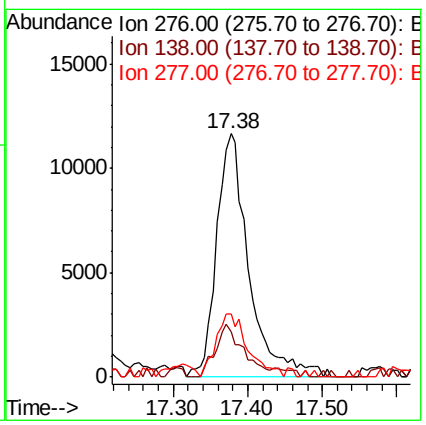


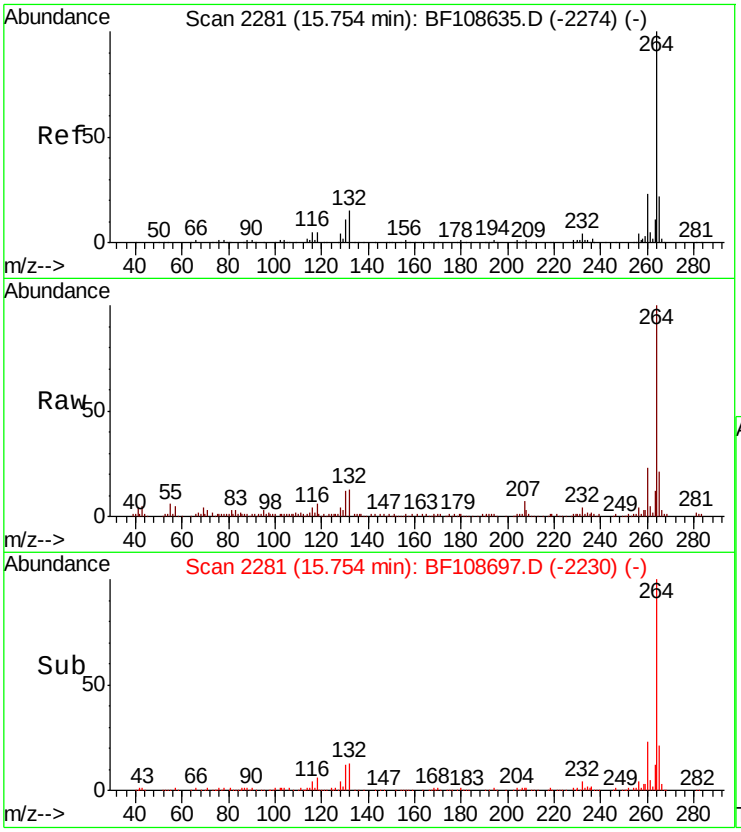


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.888 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:276 Resp: 35214

Ion	Ratio	Lower	Upper
276	100		
138	18.7	25.0	37.6#
277	25.4	20.1	30.1



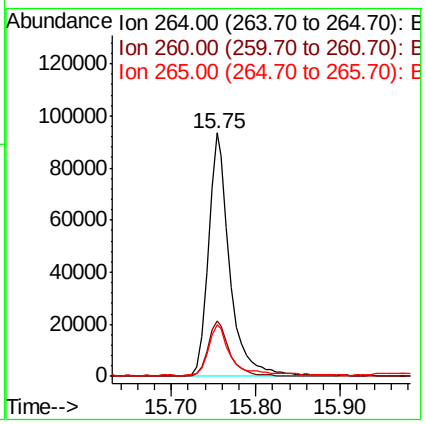


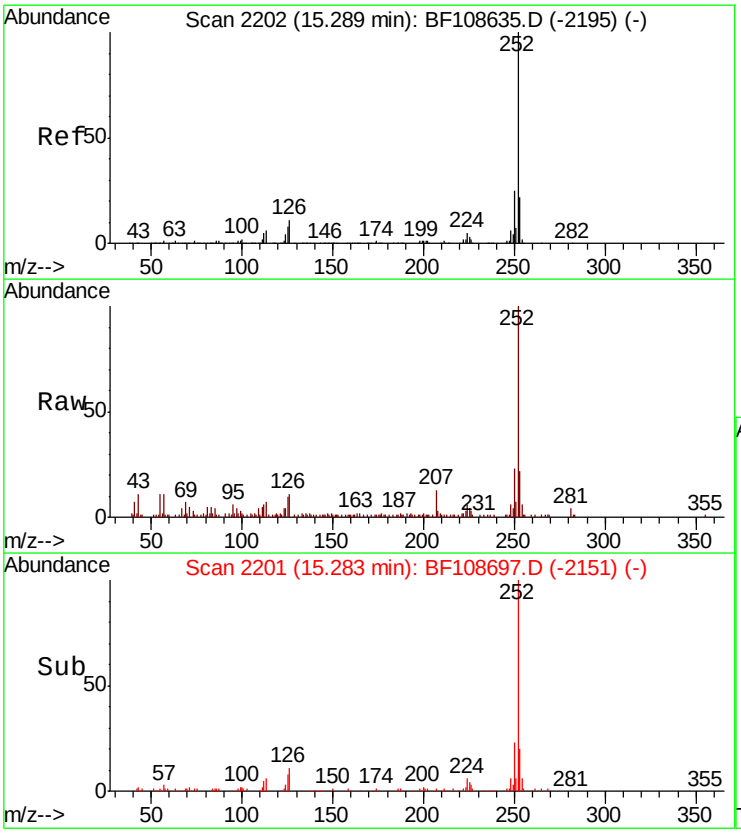
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 165429

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3

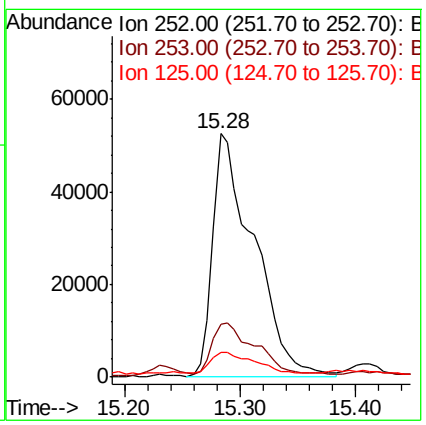


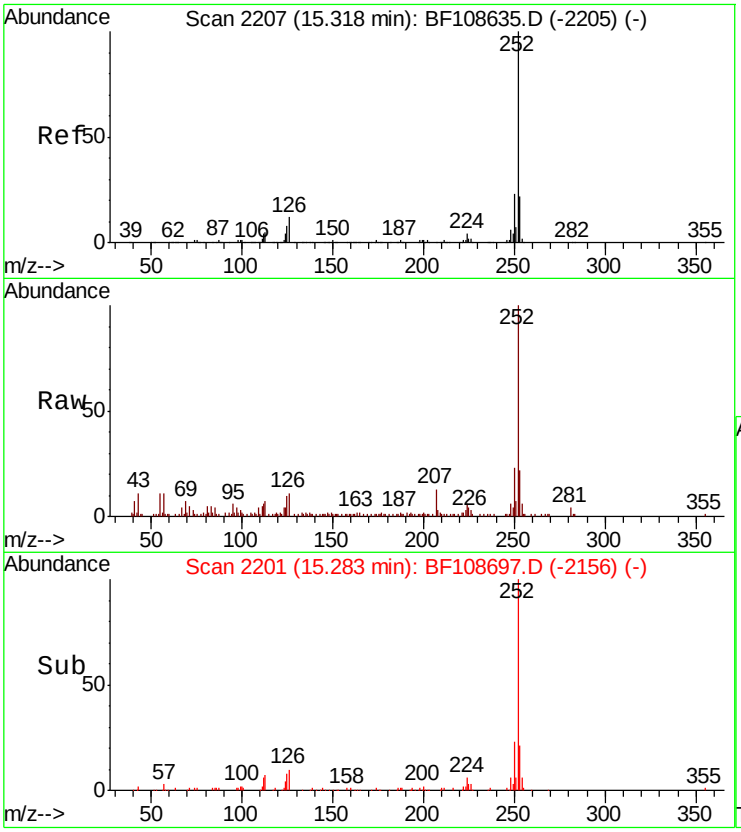


#87
Benzo(b)fluoranthene
Concen: 12.851 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:252 Resp: 130595

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.0	9.0	13.6



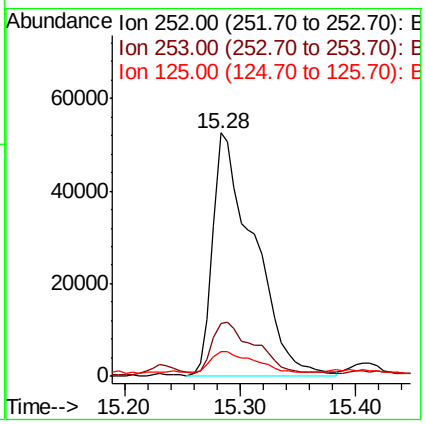


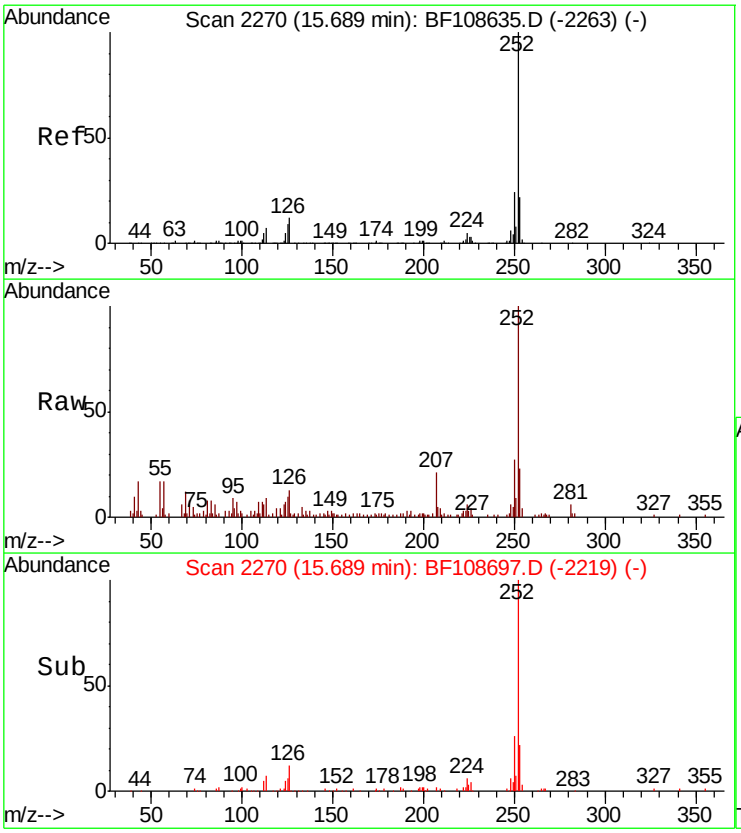
#88
Benzo(k)fluoranthene
Concen: 12.973 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 130595

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.0	10.2	15.2#

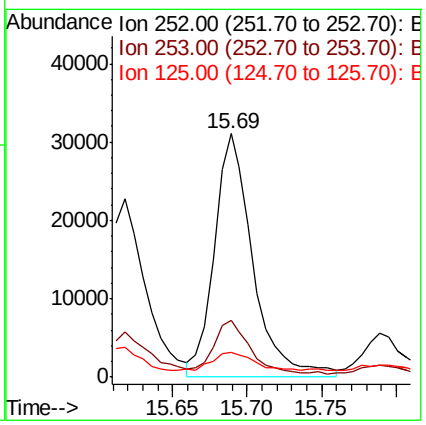


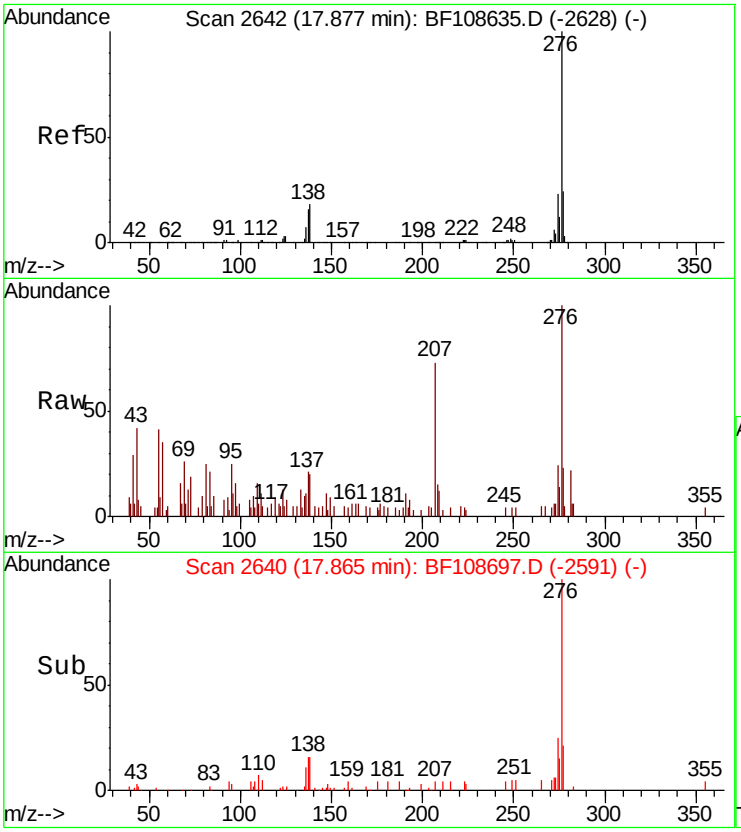


#89
Benzo(a)pyrene
Concen: 6.116 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Tgt Ion:252 Resp: 56170

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	10.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.202 ng
RT: 17.87 min Scan# 2640
Delta R.T. -0.01 min
Lab File: BF108697.D
Acq: 31 Aug 2018 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29957

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	19.6	21.8	32.8#