Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108107.D
Acq On : 11 Aug 2018 2:31
Operator : JU/SJ
Sample : J4409-01DL 100X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9BDL

Quant Time: Aug 11 05:29:20 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	7.02	152	226320	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	805401	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	340180	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	610943	20.00	ng		0.00
75) Chrysene-d12	14.22	240	500955	20.00	ng		0.00
86) Perylene-d12	15.79	264	333279	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	13964	1.12	ng		0.00
7) Phenol-d6	6.62	99	19564	1.18	ng		0.00
23) Nitrobenzene-d5	7.57	82	10346	0.72	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	2614	0.77	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	19846	0.94	ng		0.00
78) Terphenyl-d14	13.15	244	20857	1.06	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.32	128	131407	3.588	ng		99
45) 1,1'-Biphenyl	9.48	154	78640	3.135	ng		99
50) 2,6-Dinitrotoluene	10.07	165	48478	9.778	ng	#	25
51) Acenaphthene	10.10	154	329568	17.169	ng		97
57) Fluorene	10.62	166	180691	8.208	ng		98
64) 4,6-Dinitro-2-methylphenol	10.93	198	296	5.473	ng	#	48
70) Phenanthrene	11.59	178	1169324	40.579	ng		99
71) Anthracene	11.64	178	387794	13.130	ng		98
74) Fluoranthene	12.79	202	764038	24.294	ng		95
77) Pyrene	13.02	202	957082	30.177	ng		100
80) Benzo(a)anthracene	14.25	228	209655	7.292	ng		94
82) Chrysene	14.25	228	209655	7.954	ng		98
85) Indeno(1,2,3-cd)pyrene	17.41	276	64716	2.834	ng	#	87
87) Benzo(b)fluoranthene	15.32	252	205351	10.311	ng		98
88) Benzo(k)fluoranthene	15.32	252	205351	11.217	ng		98
89) Benzo(a)pyrene	15.72	252	159526	8.945	ng		97
91) Benzo(g,h,i)perylene	17.91	276	68872	4.740	ng	#	88

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

Quantitation Report (Not Reviewed)

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Misc :
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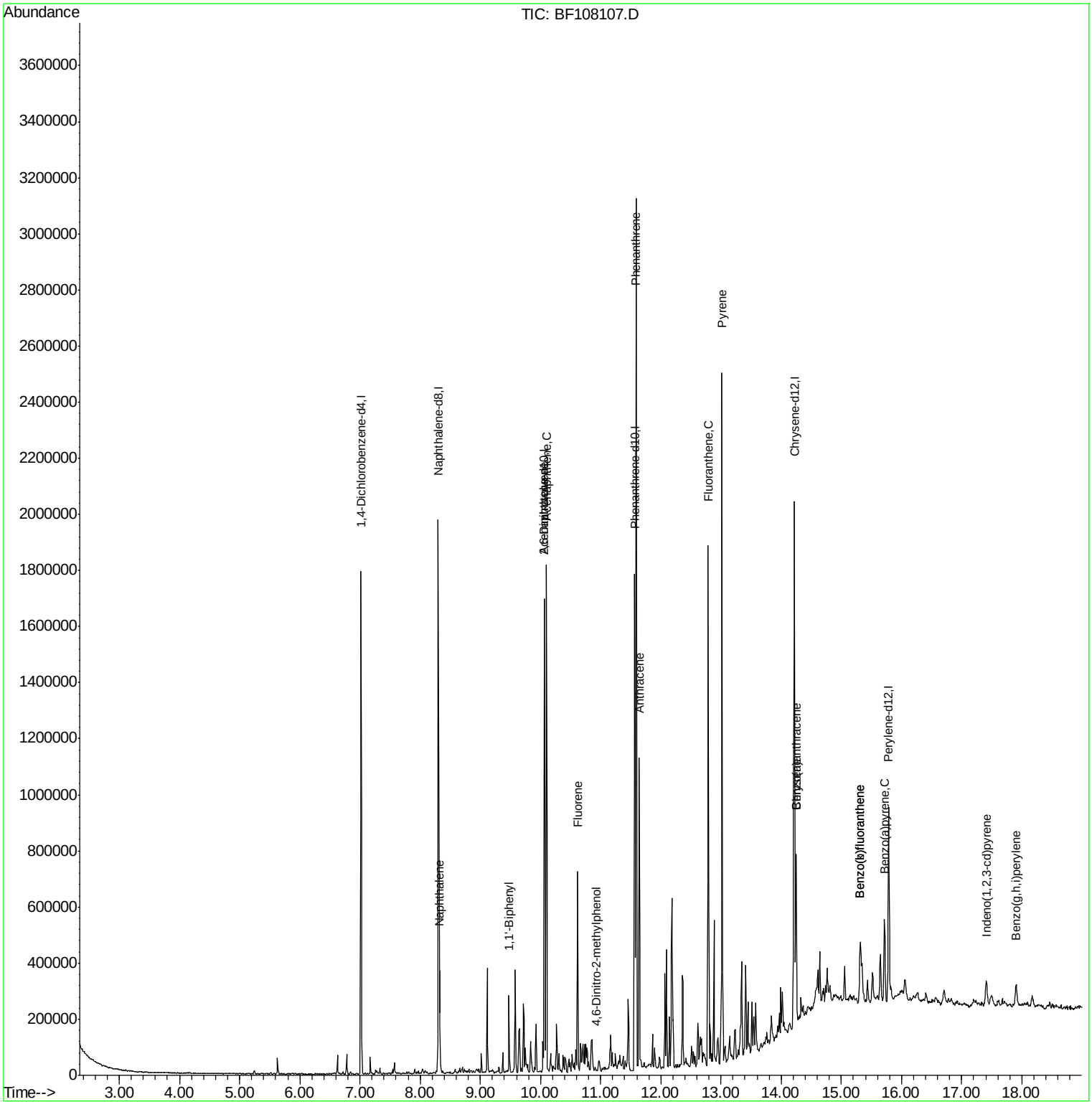
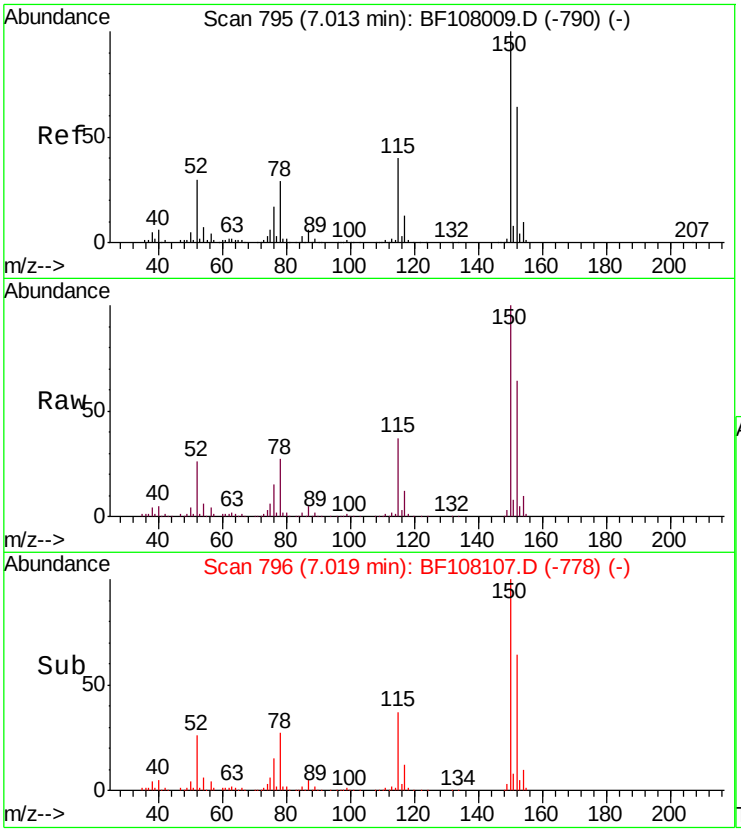


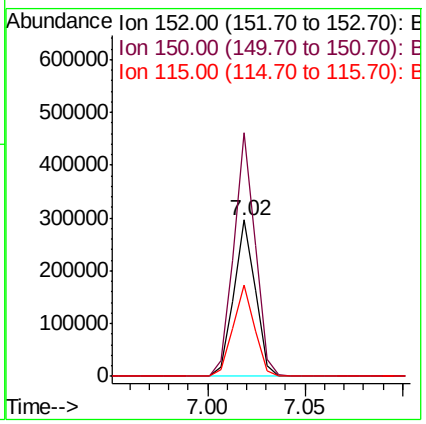


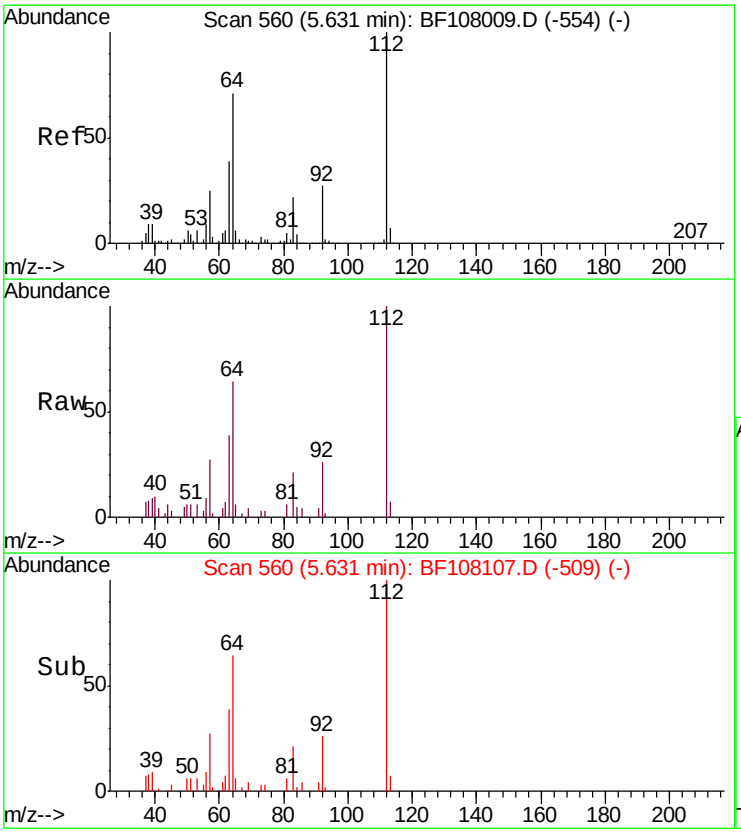
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:152 Resp: 226320

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.1	50.1	75.1

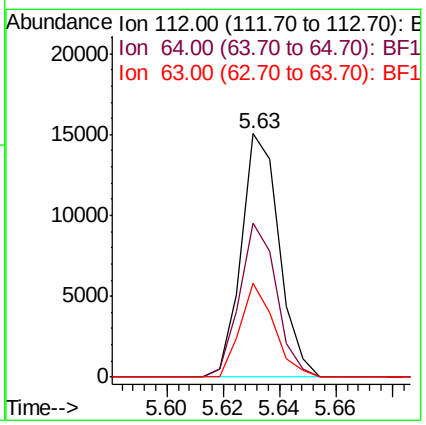


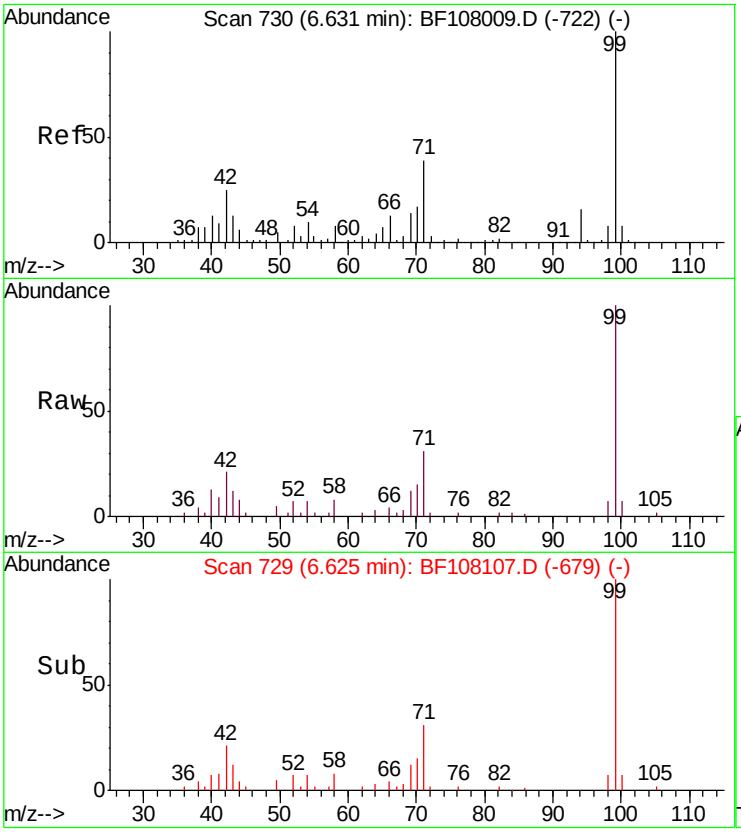


#5
2-Fluorophenol
Concen: 1.117 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:112 Resp: 13964

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	38.7	23.7	35.5#



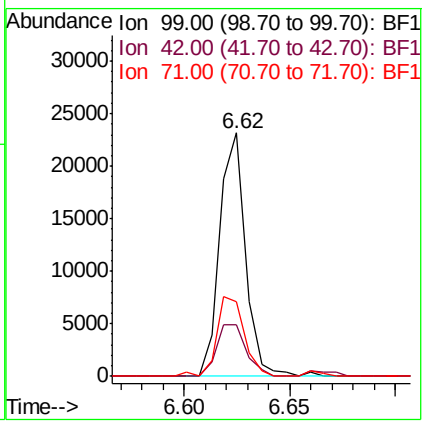


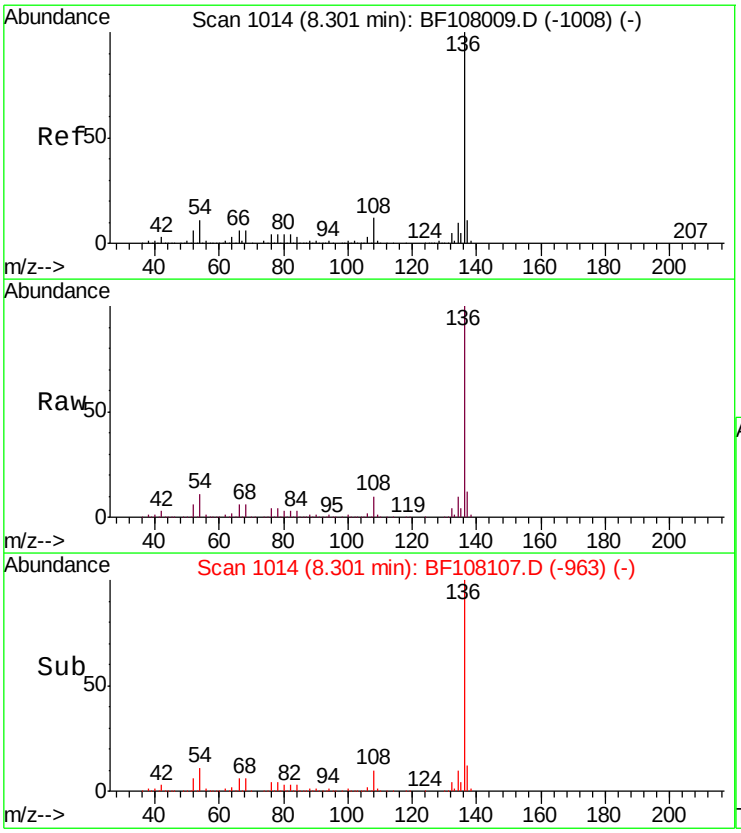
#7
Phenol-d6
Concen: 1.178 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion: 99 Resp: 19564

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	30.7	25.4	38.0

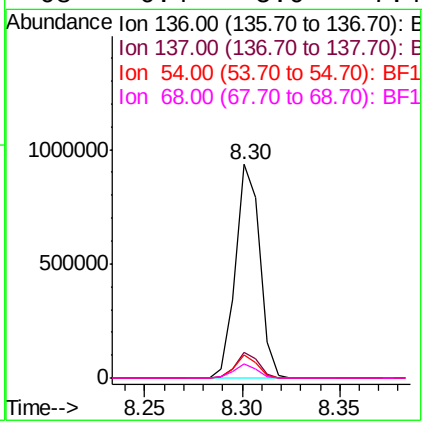


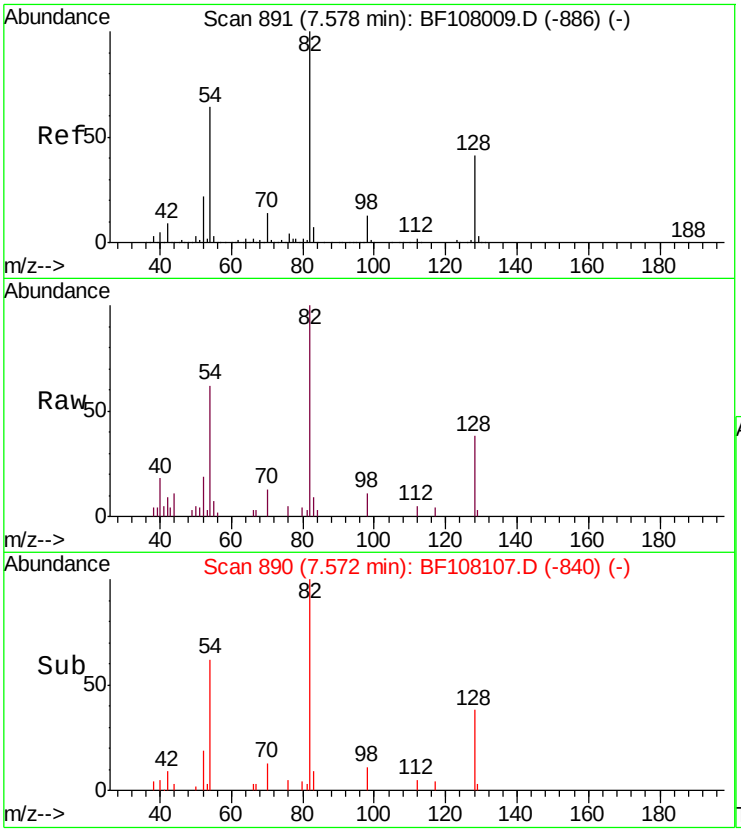


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:136 Resp: 805401

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.7	6.6	9.8#
68	6.4	5.0	7.4



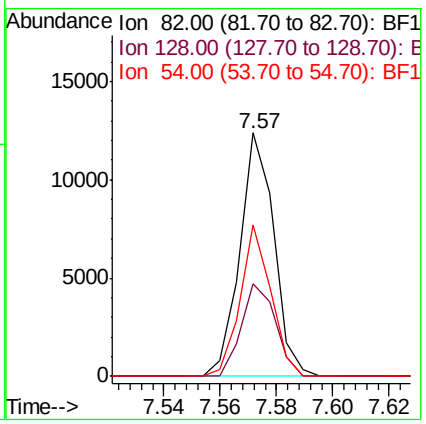


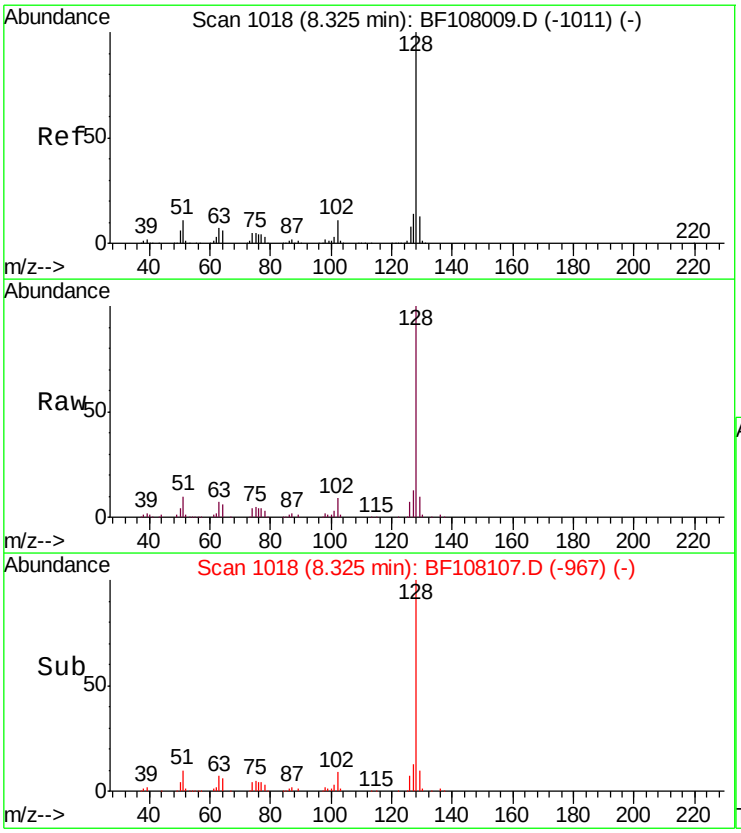
#23
Nitrobenzene-d5
Concen: 0.717 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion: 82 Resp: 10346

Ion	Ratio	Lower	Upper
82	100		
128	38.2	36.1	54.1
54	62.4	41.4	62.2#

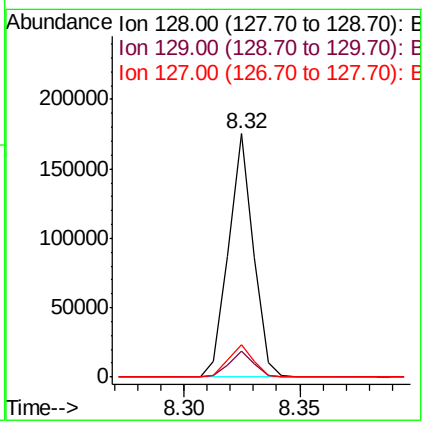


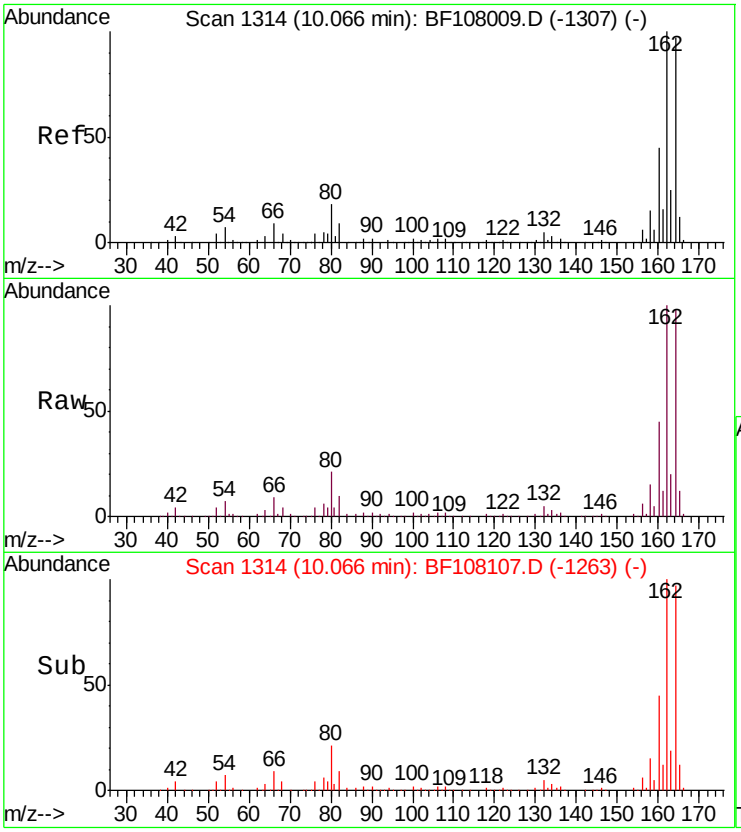


#31
Naphthalene
Concen: 3.588 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:128 Resp: 131407

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.2	10.9	16.3



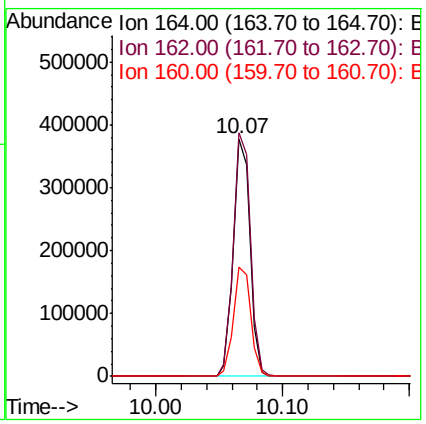


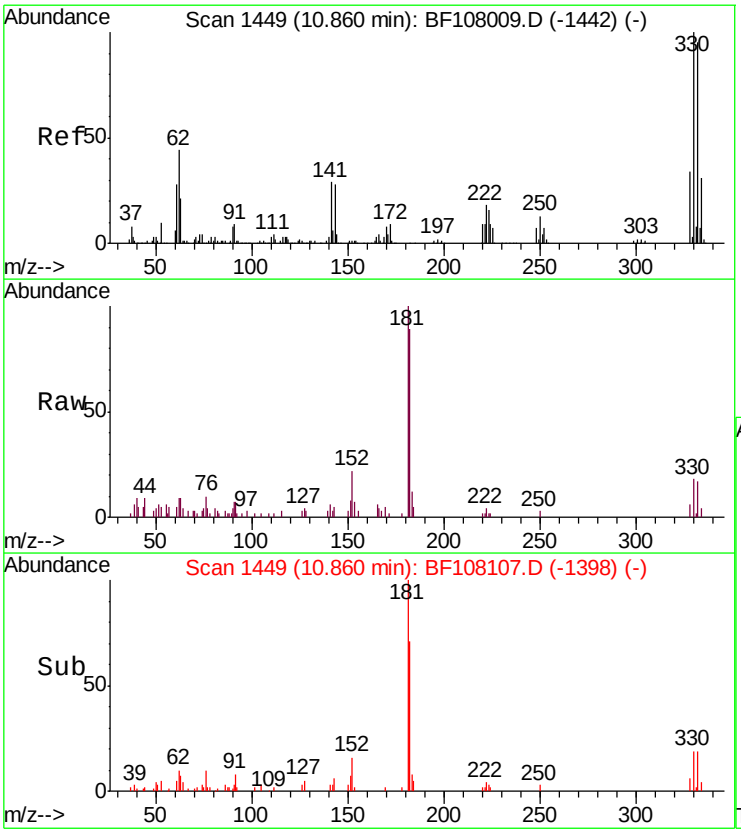
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:164 Resp: 340180

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.8	38.3	57.5

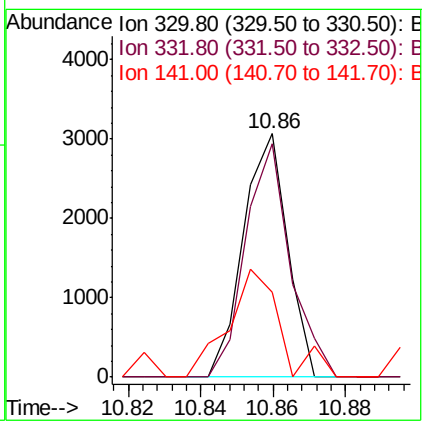


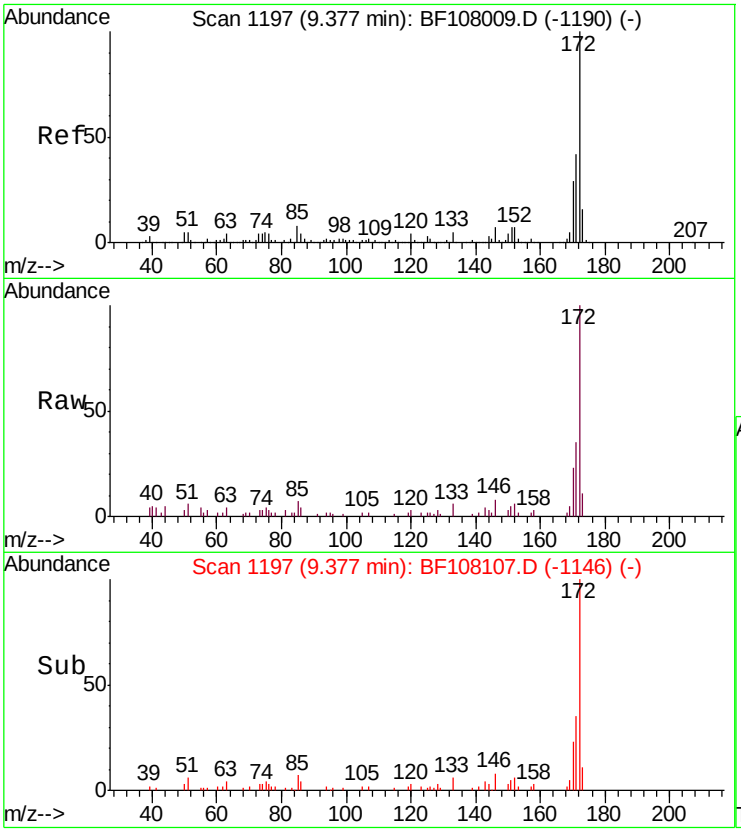


#41
2,4,6-Tribromophenol
Concen: 0.770 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:330 Resp: 2614

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	51.6	29.9	44.9#



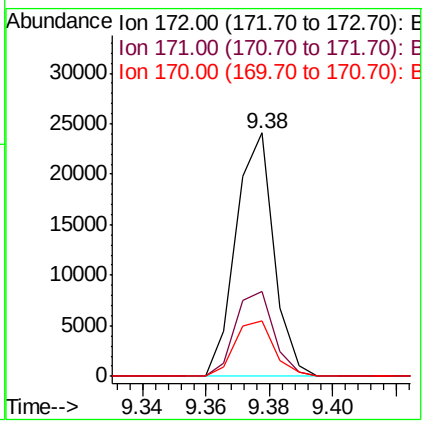


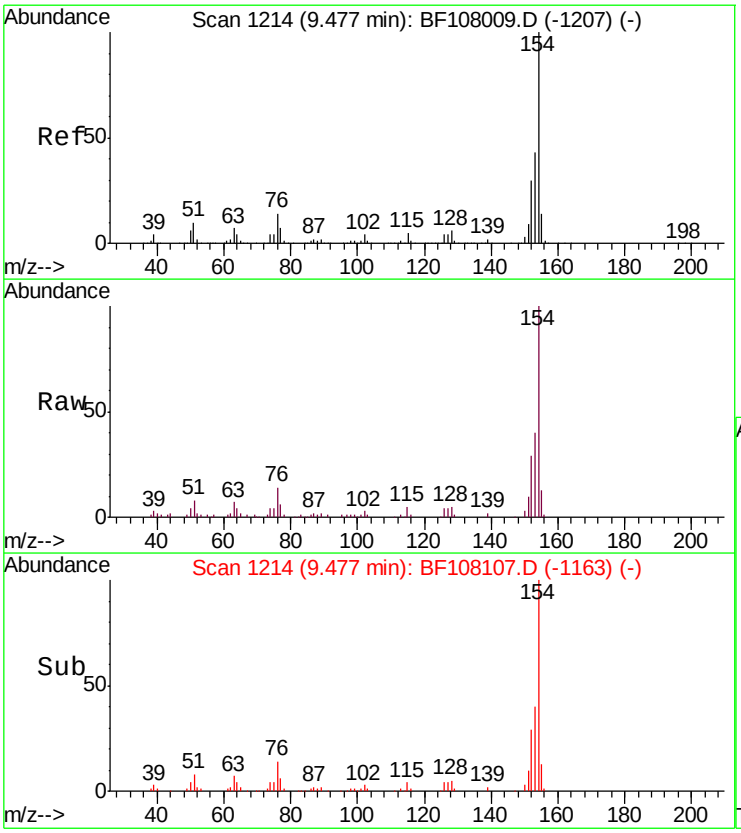
#44
2-Fluorobiphenyl
Concen: 0.937 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:172 Resp: 19846

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

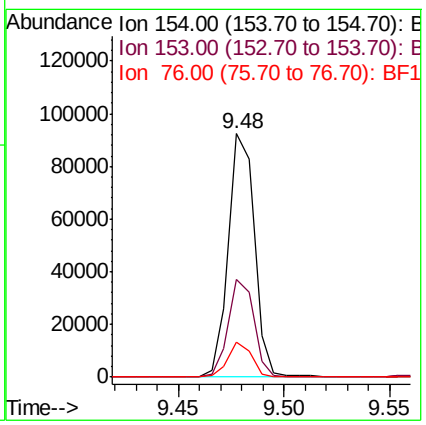


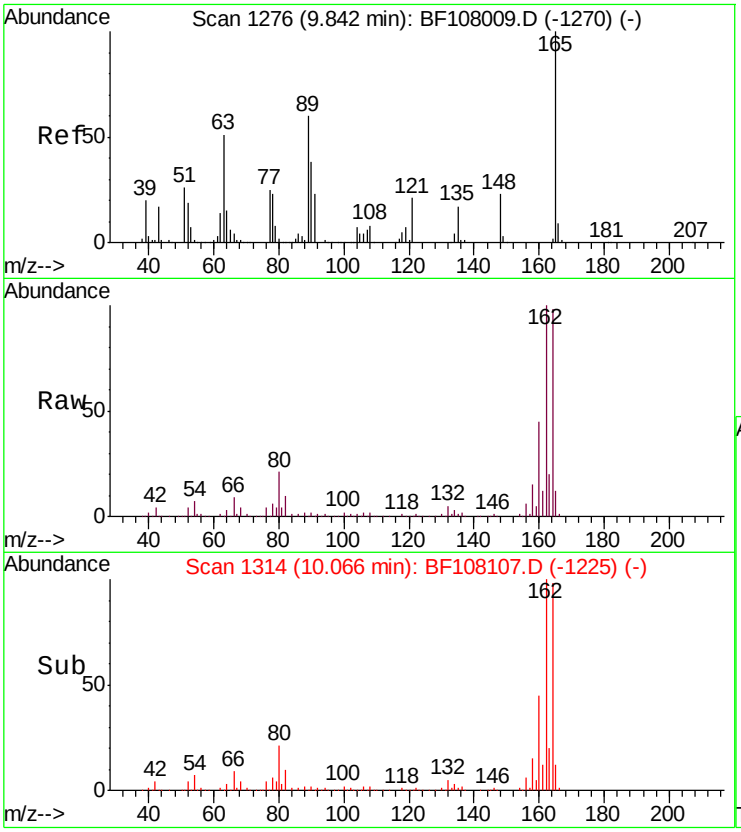


#45
1,1'-Biphenyl
Concen: 3.135 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:154 Resp: 78640

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	14.4	0.0	34.0



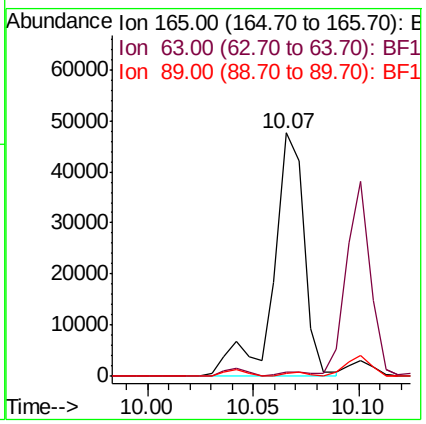


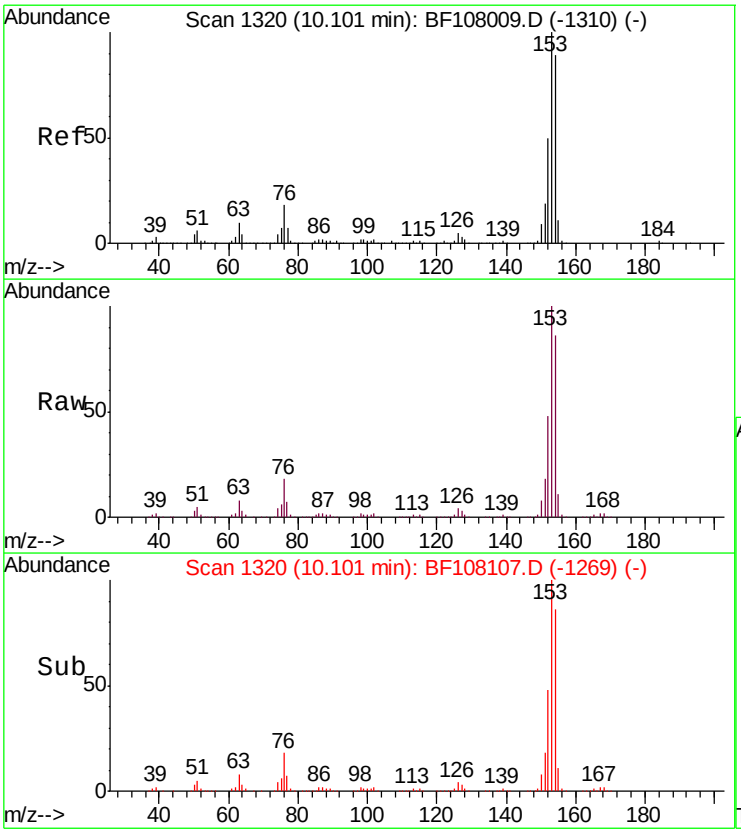
#50
2,6-Dinitrotoluene
Concen: 9.778 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.22 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:165 Resp: 48478

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.1	44.0	66.0#

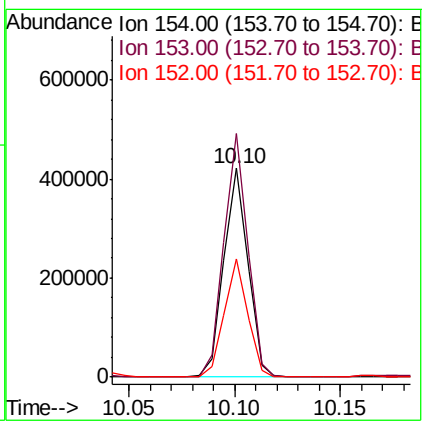


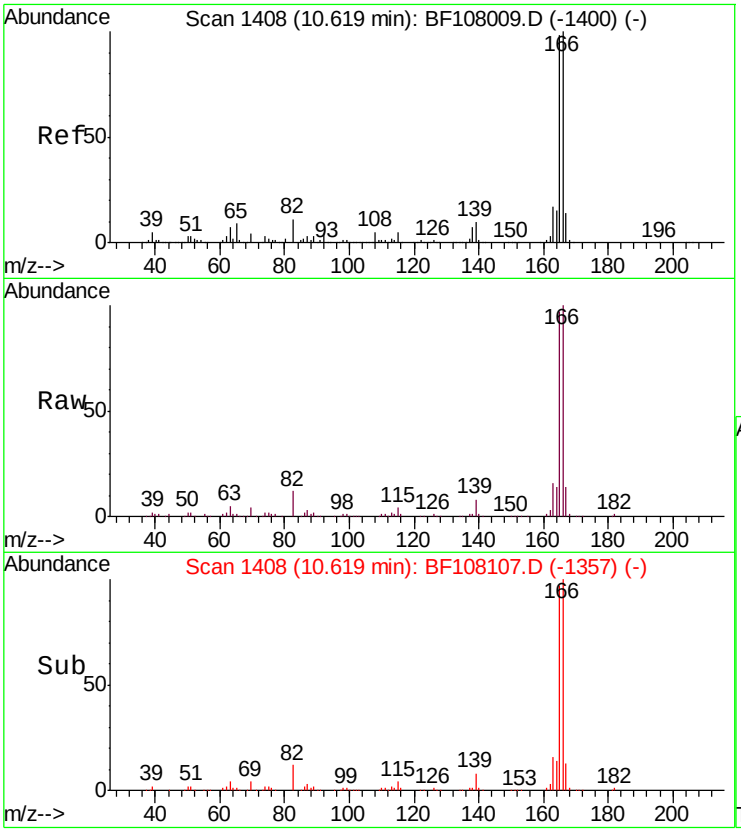


#51
Acenaphthene
Concen: 17.169 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:154 Resp: 329568

Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.2	136.8
152	56.6	43.8	65.8



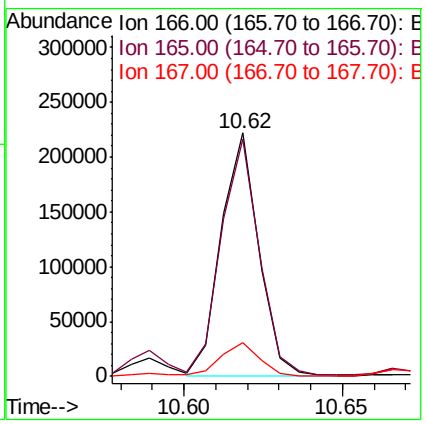


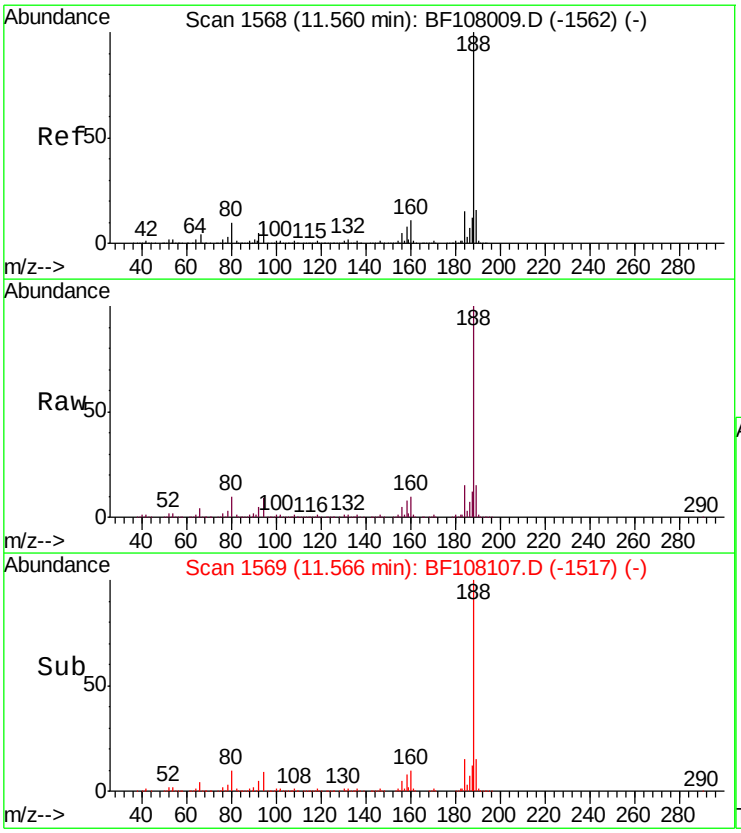
#57
Fluorene
Concen: 8.208 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:166 Resp: 180691

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	13.8	10.6	16.0

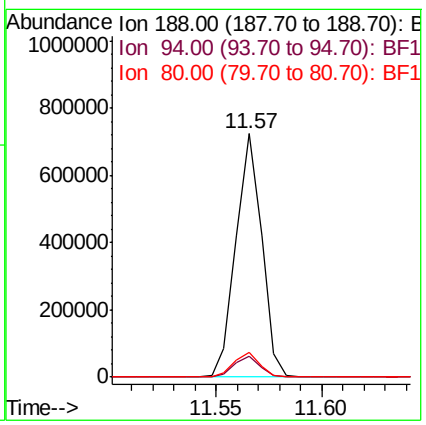


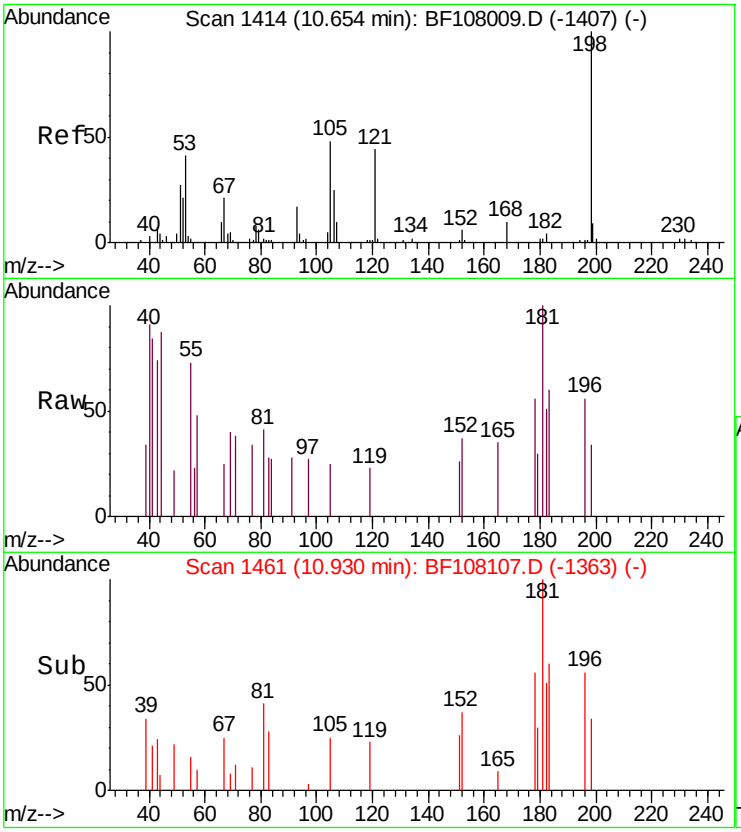


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:188 Resp: 610943

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.2	9.2	13.8



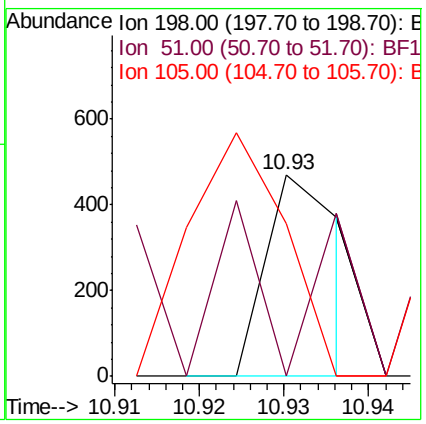


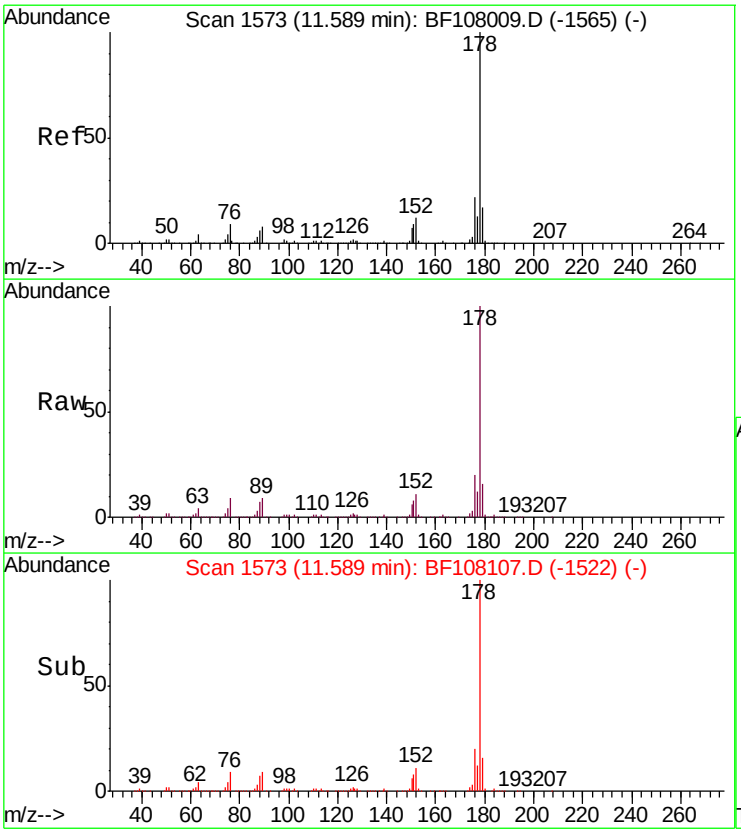
#64
4,6-Dinitro-2-methylphenol
Concen: 5.473 ng
RT: 10.93 min Scan# 1461
Delta R.T. 0.28 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:198 Resp: 296

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	75.5	36.3	76.3

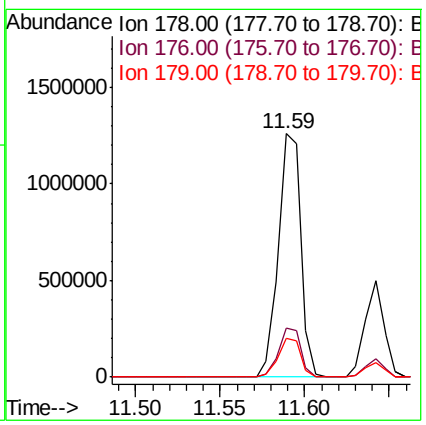


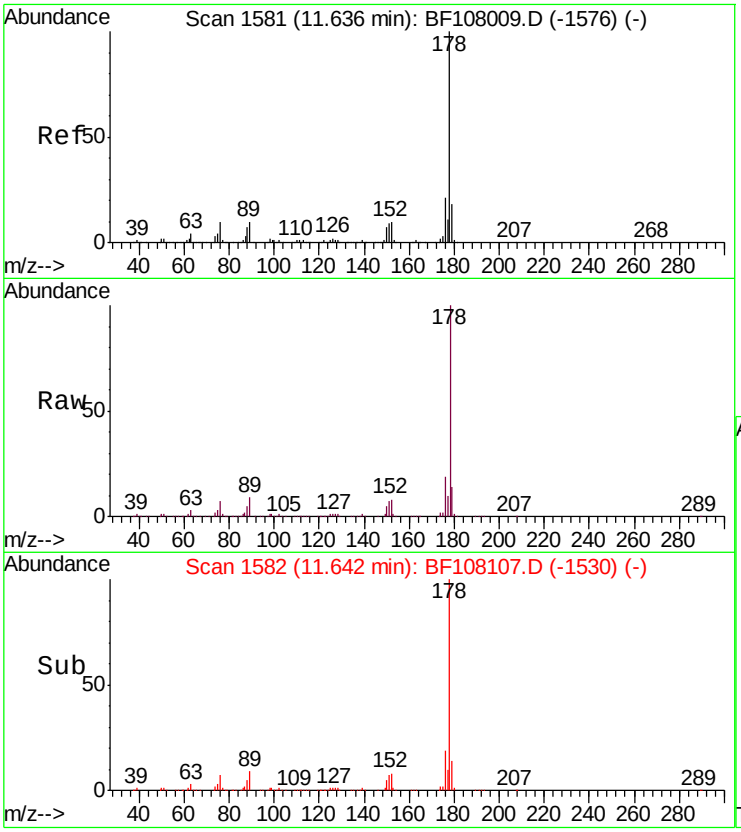


#70
Phenanthrene
Concen: 40.579 ng
RT: 11.59 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:178 Resp: 1169324

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.0	13.0	19.6



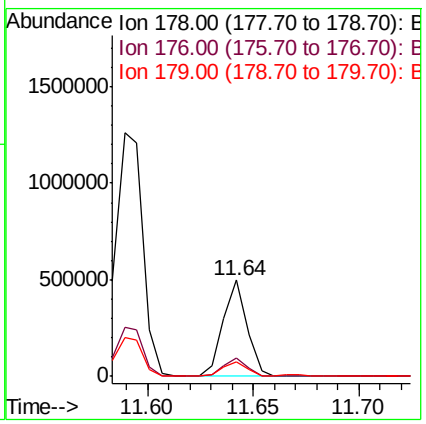


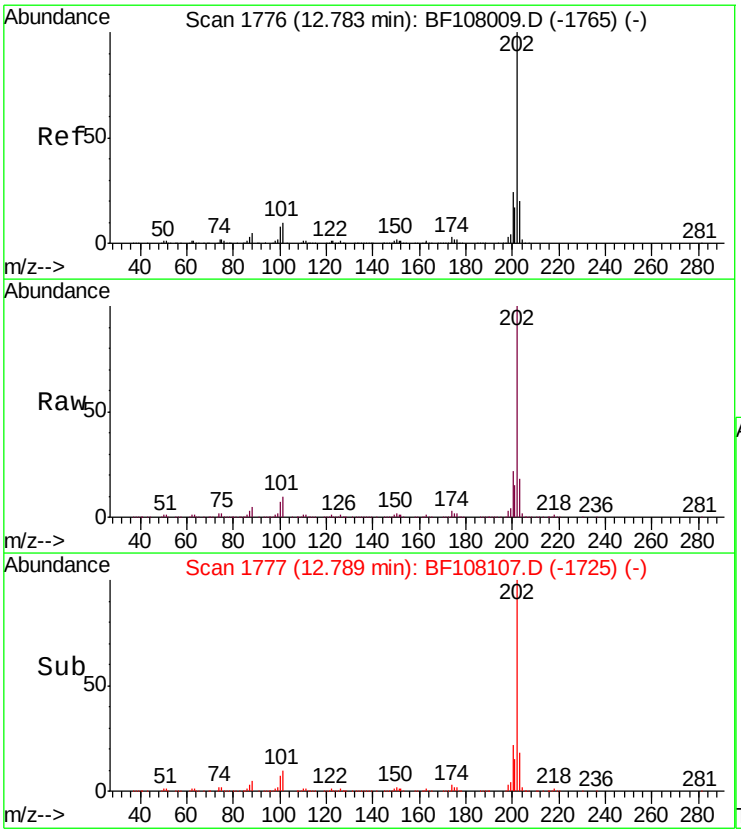
#71
Anthracene
Concen: 13.130 ng
RT: 11.64 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:178 Resp: 387794

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.5	12.6	19.0

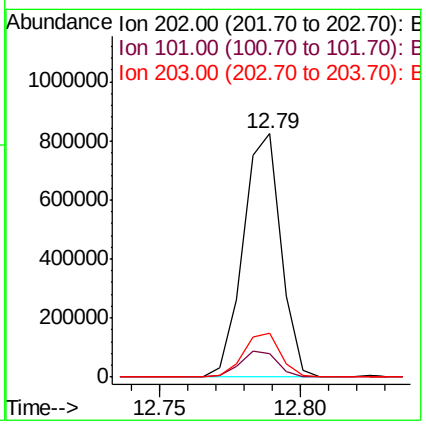


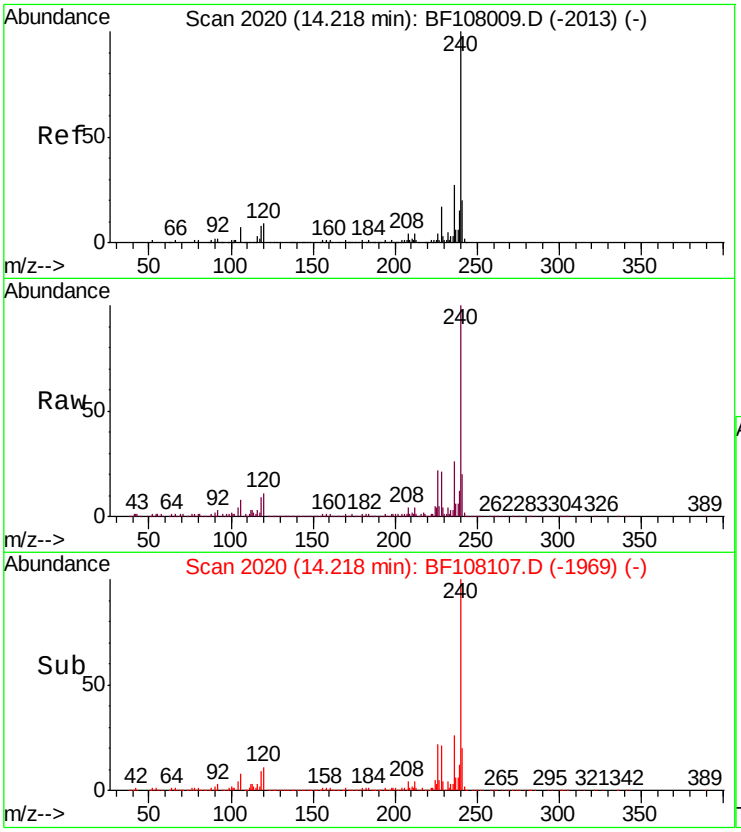


#74
Fluoranthene
Concen: 24.294 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:202 Resp: 764038

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	18.1	0.0	38.1



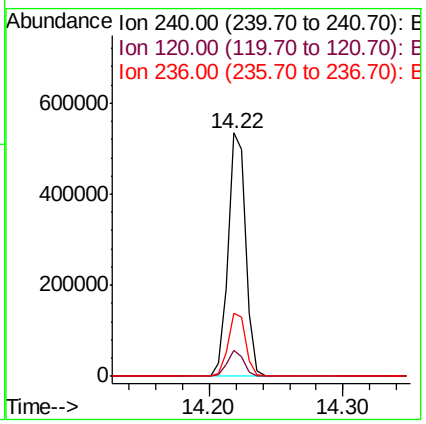


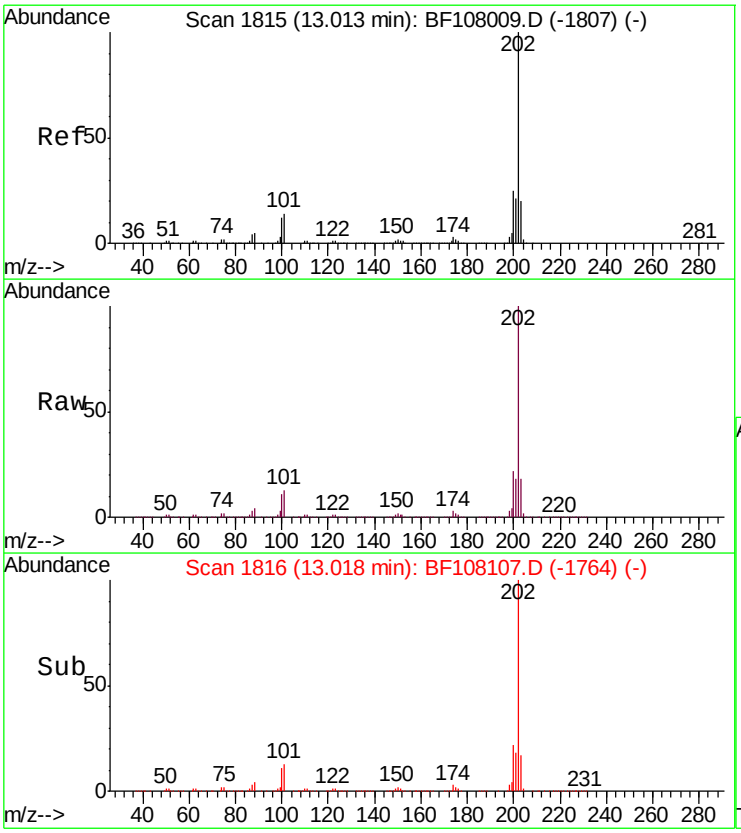
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:240 Resp: 500955

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.9	20.7	31.1

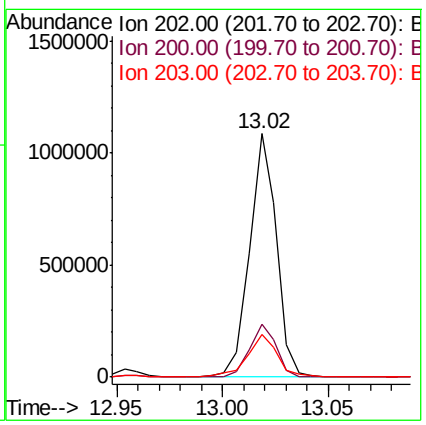


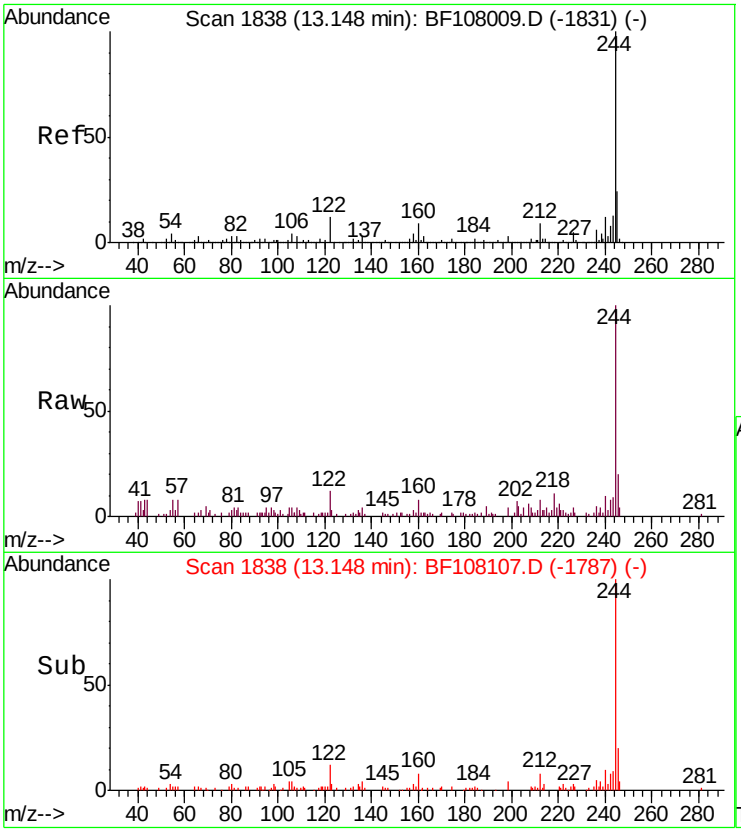


#77
Pyrene
Concen: 30.177 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:202 Resp: 957082

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.5	14.3	21.5



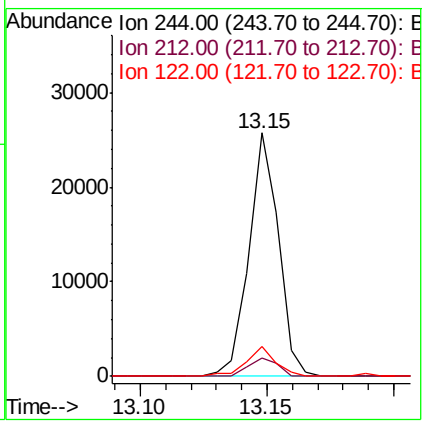


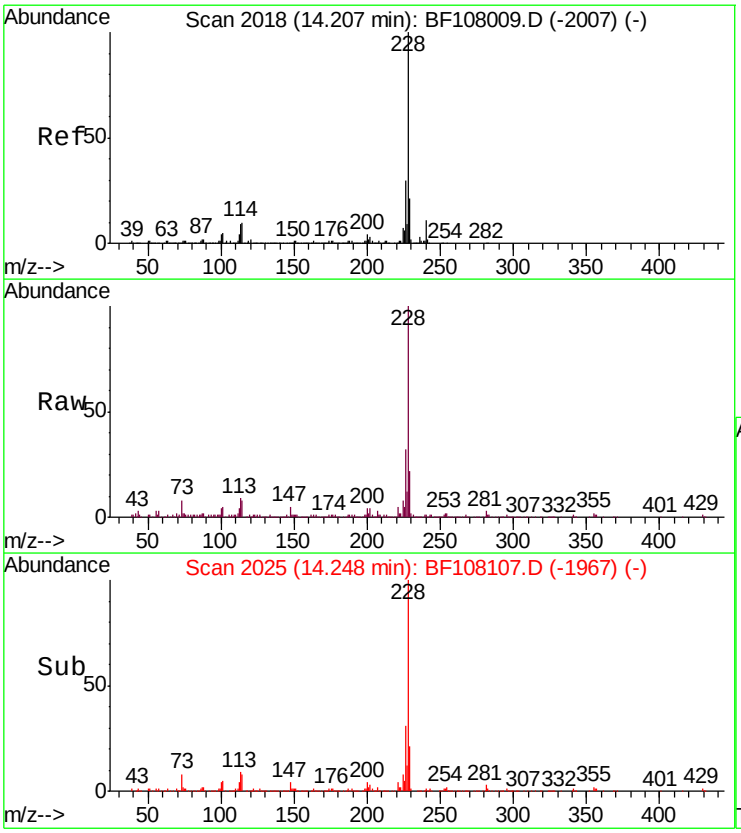
#78
Terphenyl-d14
Concen: 1.059 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:244 Resp: 20857

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.5	11.0	16.4

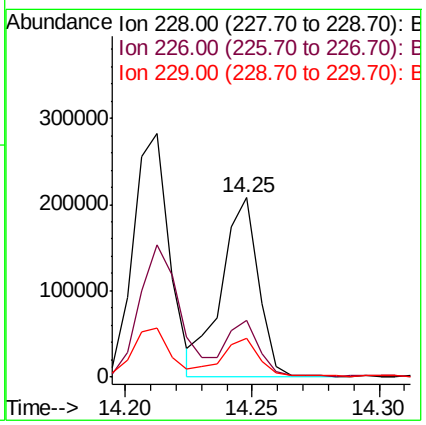


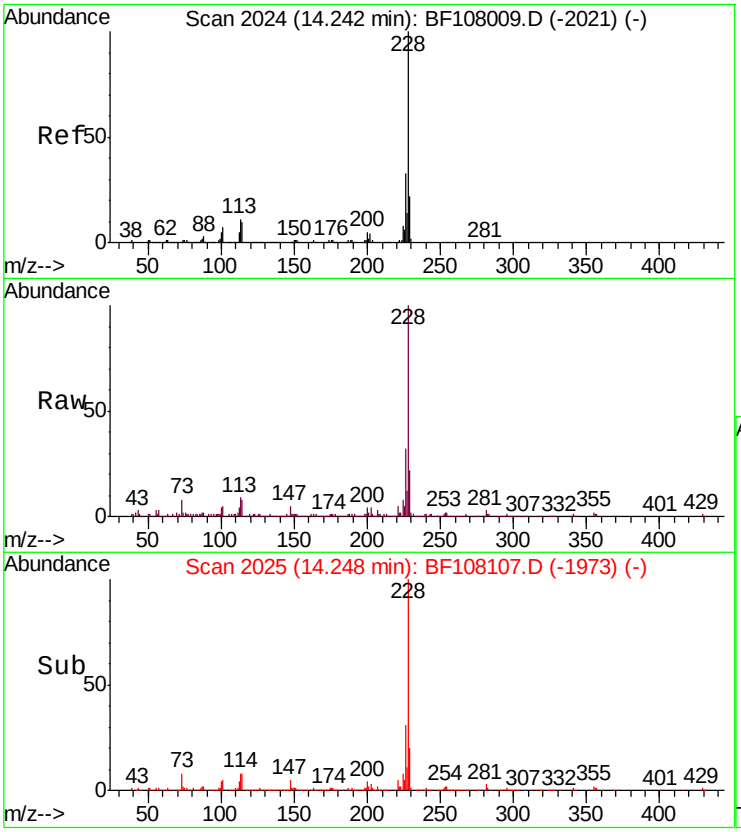


#80
Benzo(a)anthracene
Concen: 7.292 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.04 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:228 Resp: 209655

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	21.7	15.8	23.6



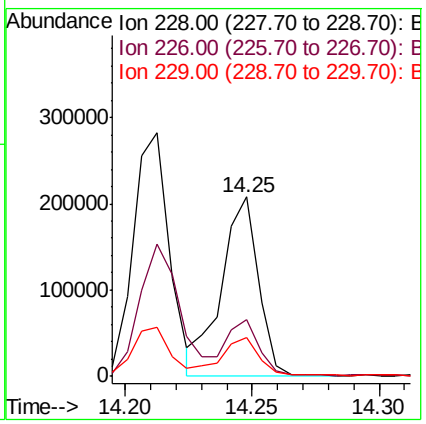


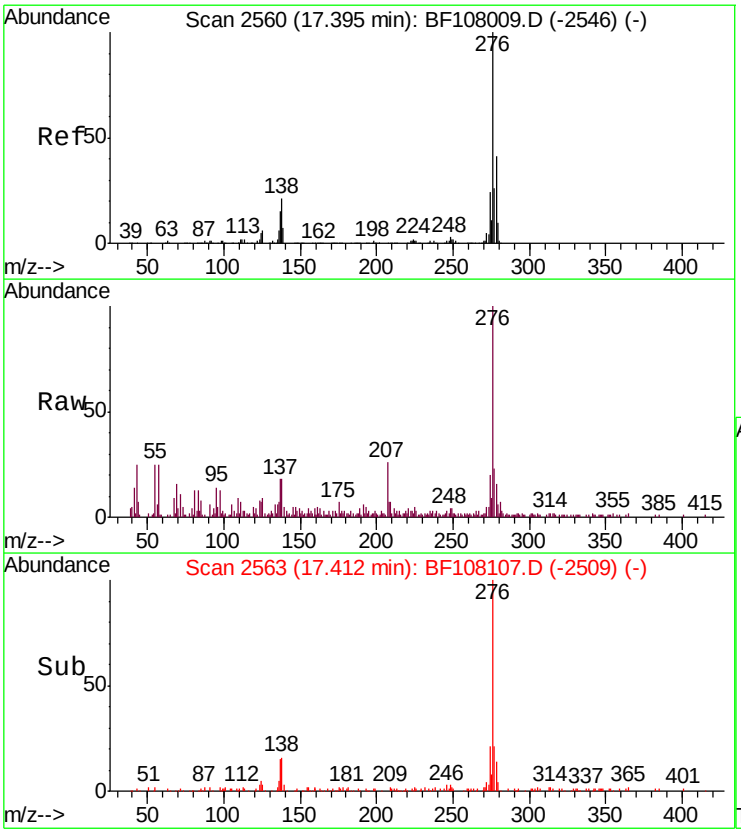
#82
Chrysene
Concen: 7.954 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:228 Resp: 209655

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	21.7	16.2	24.4

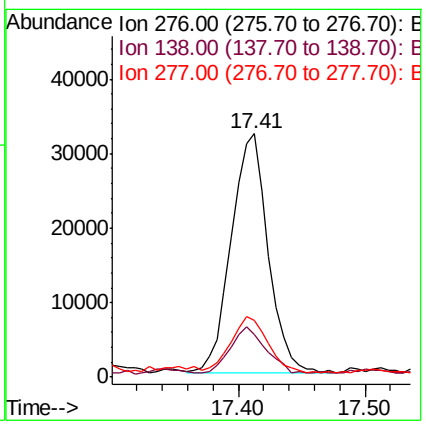


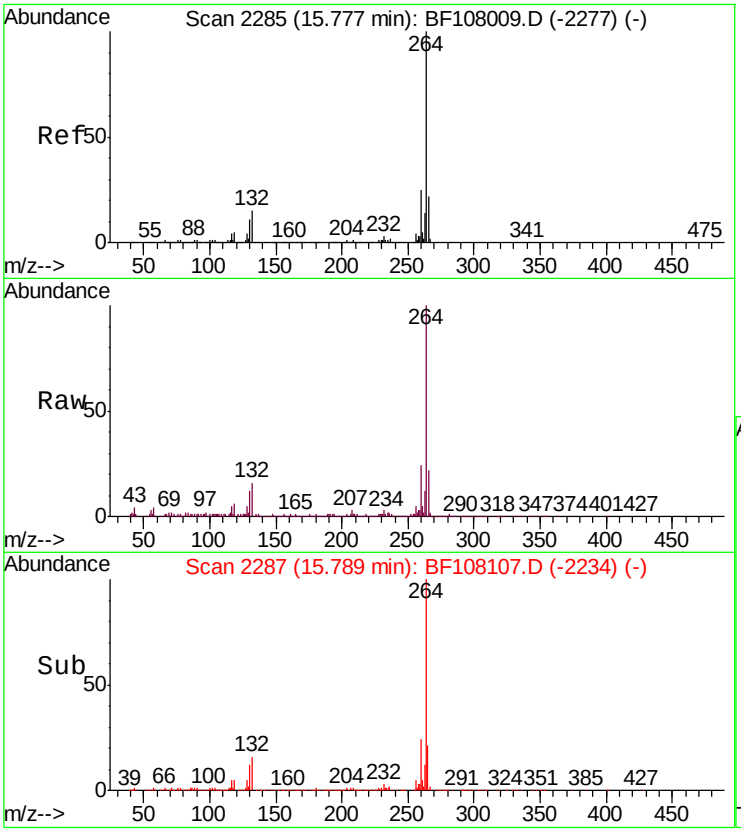


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.834 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:276 Resp: 64716

Ion	Ratio	Lower	Upper
276	100		
138	18.7	25.0	37.6#
277	24.2	20.1	30.1



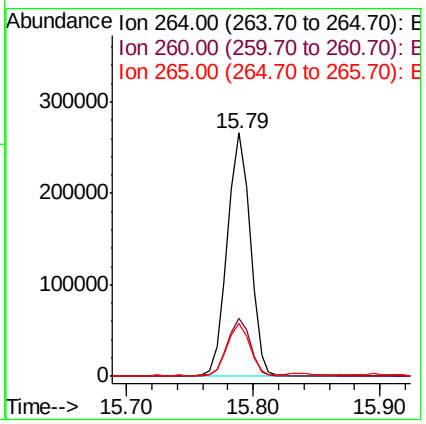


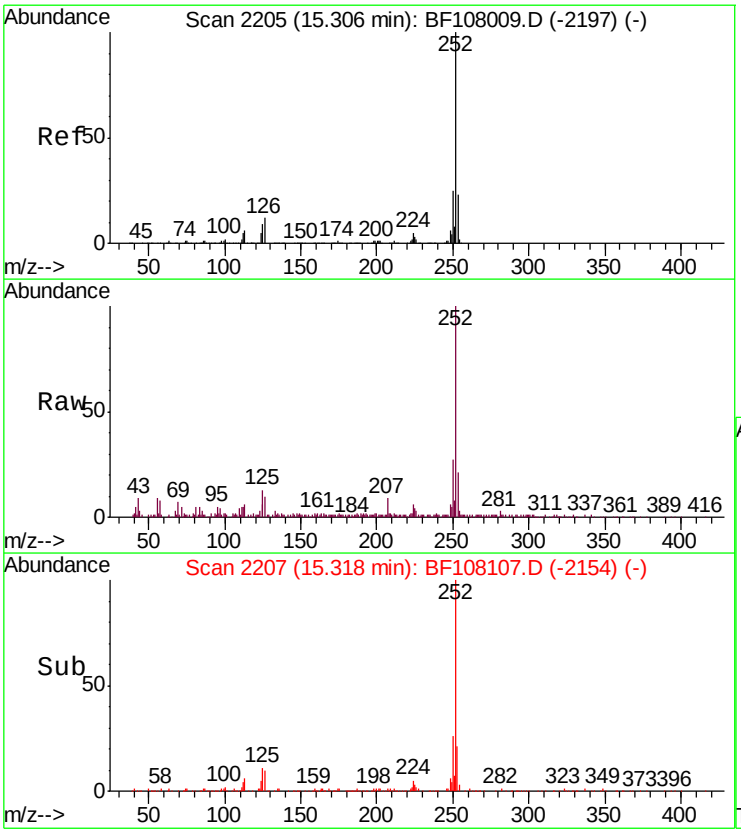
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:264 Resp: 333279

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

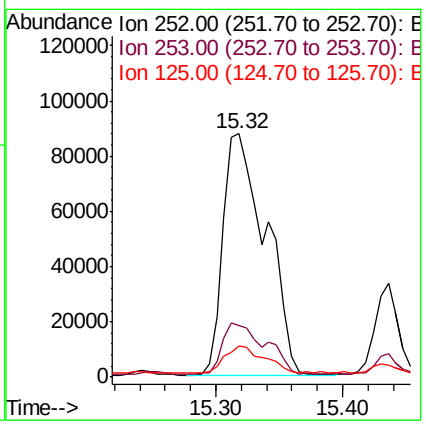


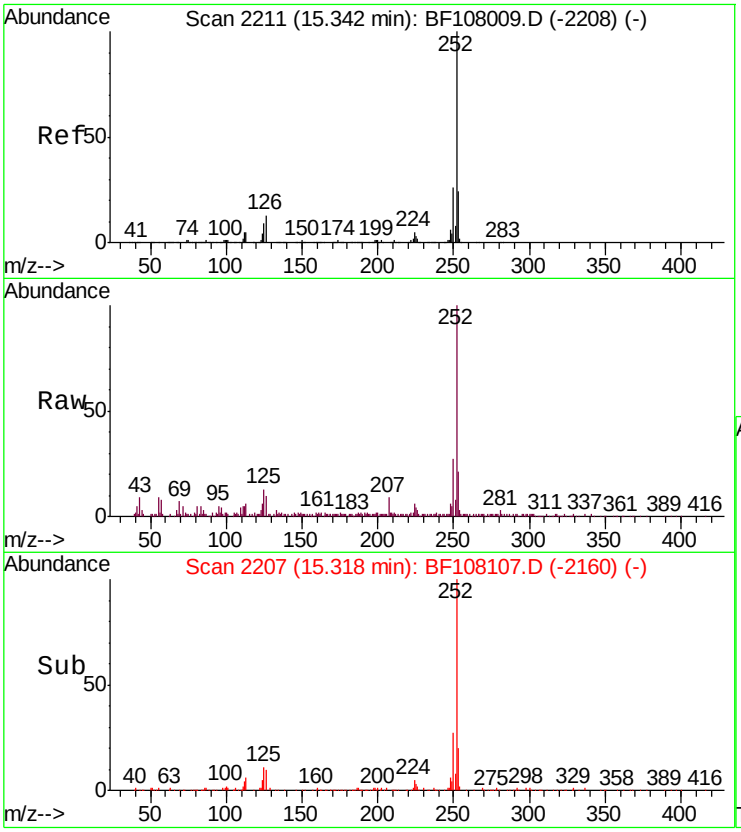


#87
Benzo(b)fluoranthene
Concen: 10.311 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:252 Resp: 205351

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	12.9	9.0	13.6



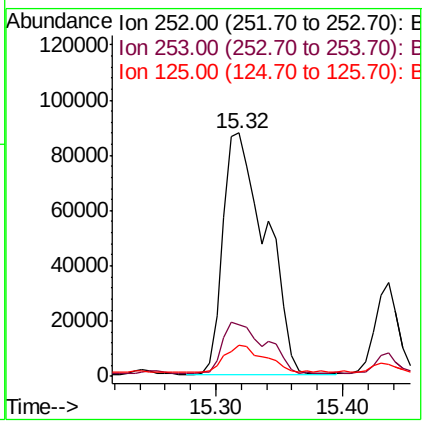


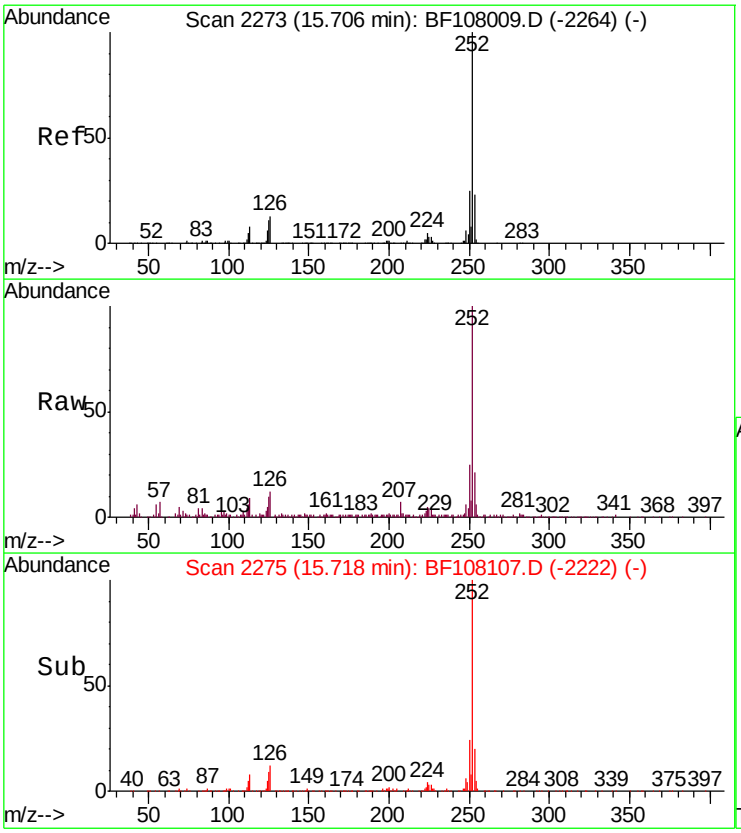
#88
Benzo(k)fluoranthene
Concen: 11.217 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:252 Resp: 205351

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	12.9	10.2	15.2

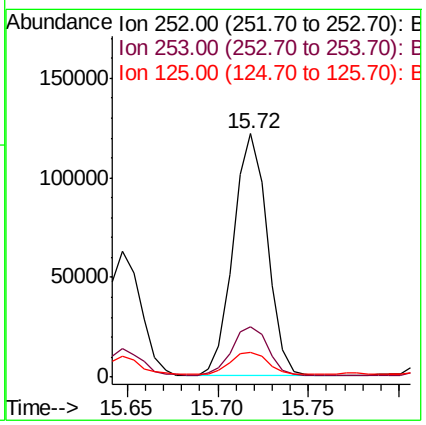


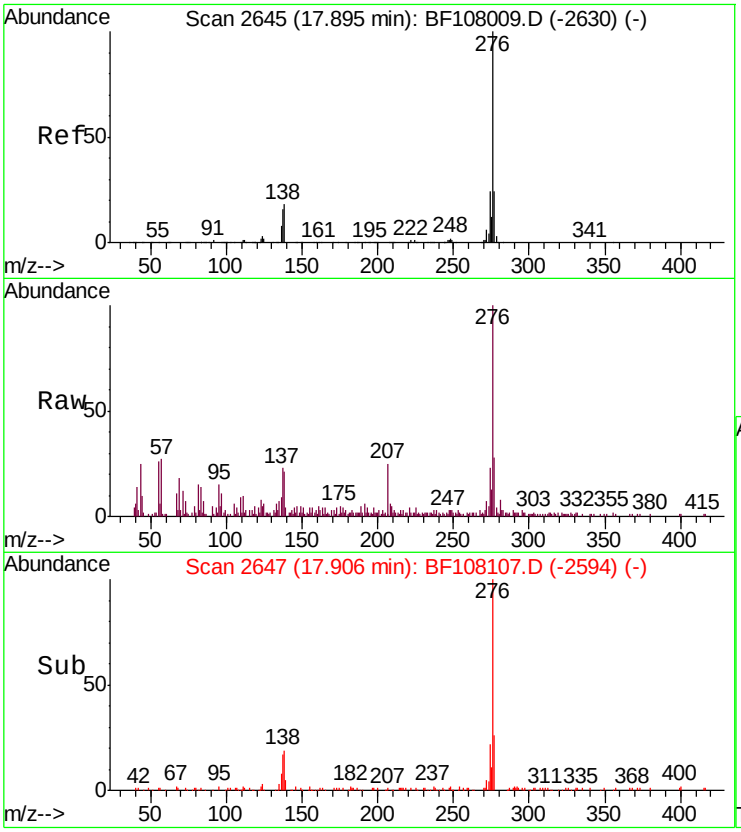


#89
Benzo(a)pyrene
Concen: 8.945 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Tgt Ion:252 Resp: 159526

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	10.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.740 ng
RT: 17.91 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BF108107.D
Acq: 11 Aug 2018 2:31

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9BDL

Tgt Ion:276 Resp: 68872

Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	21.1	21.8	32.8#