Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108304.D
Acq On : 20 Aug 2018 21:39
Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081718-A

Quant Time: Aug 21 00:54:27 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	167928	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	591771	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	256852	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	453178	20.00	ng		0.00
75) Chrysene-d12	14.22	240	306330	20.00	ng		0.00
86) Perylene-d12	15.78	264	243248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	336475	36.28	ng		0.00
7) Phenol-d6	6.63	99	438078	35.54	ng		0.00
23) Nitrobenzene-d5	7.57	82	260435	24.56	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	85546	33.39	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	486623	30.42	ng		0.00
78) Terphenyl-d14	13.14	244	406154	33.71	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.57	82	260435	12.884	ng	#	65
32) Benzoic acid	7.95	122	326	6.029	ng	#	23
50) 2,6-Dinitrotoluene	10.06	165	35151	9.390	ng	#	25
57) Fluorene	10.61	166	47526	2.859	ng		99
64) 4,6-Dinitro-2-methylphenol	10.85	198	169	5.447	ng	#	1
70) Phenanthrene	11.58	178	288160	13.481	ng		98
71) Anthracene	11.64	178	82181	3.751	ng		99
74) Fluoranthene	12.78	202	266711	11.433	ng		96
77) Pyrene	13.01	202	300972	15.519	ng		99
80) Benzo(a)anthracene	14.21	228	95277	5.420	ng	#	89
82) Chrysene	14.21	228	95277	5.911	ng		93
85) Indeno(1,2,3-cd)pyrene	17.41	276	34551	2.474	ng	#	85
87) Benzo(b)fluoranthene	15.31	252	103038	7.089	ng	#	77
88) Benzo(k)fluoranthene	15.31	252	103038	7.712	ng	#	81
89) Benzo(a)pyrene	15.71	252	66582	5.115	ng	#	89
91) Benzo(g,h,i)perylene	17.91	276	37880	3.572	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
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Misc :
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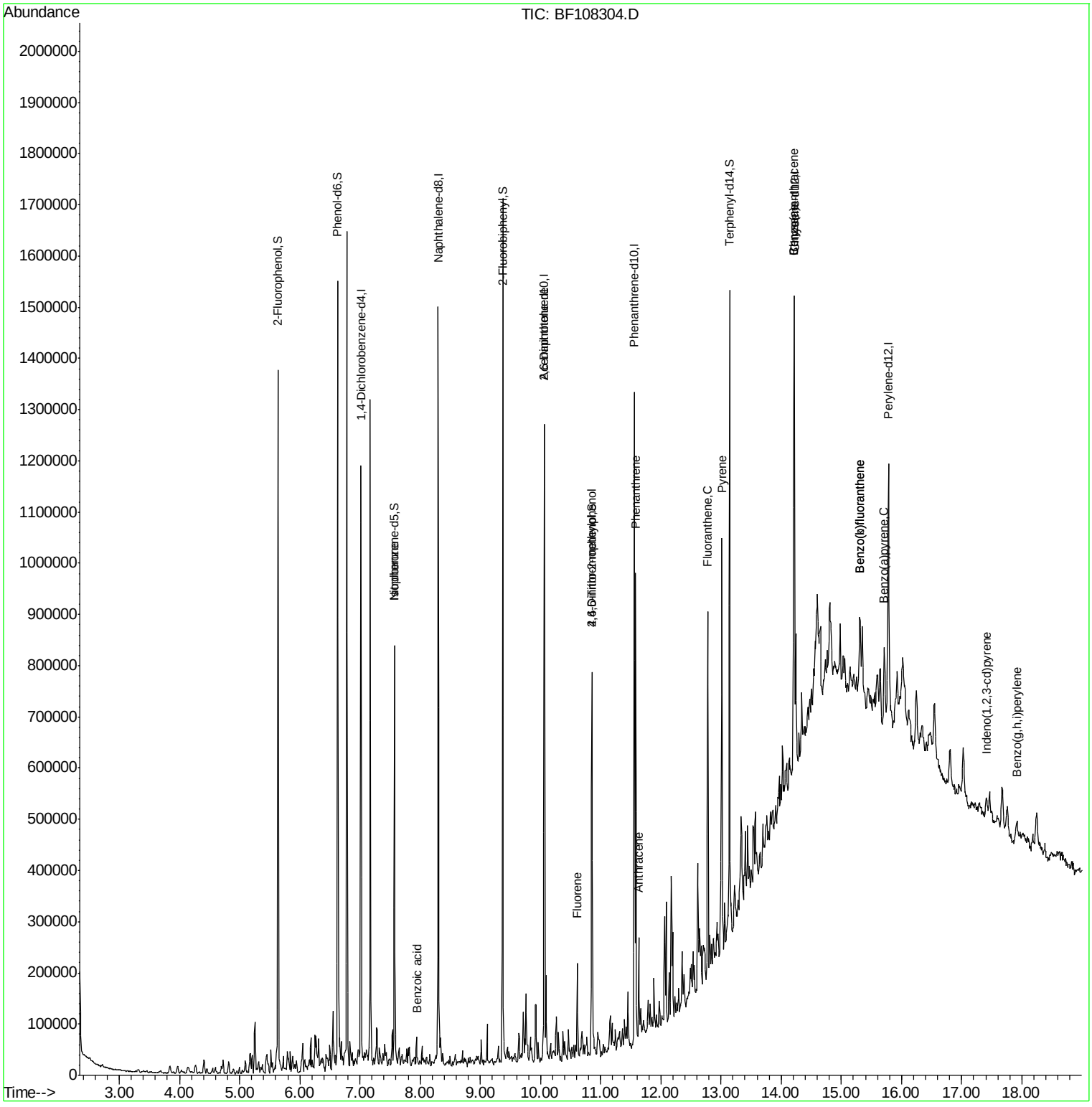
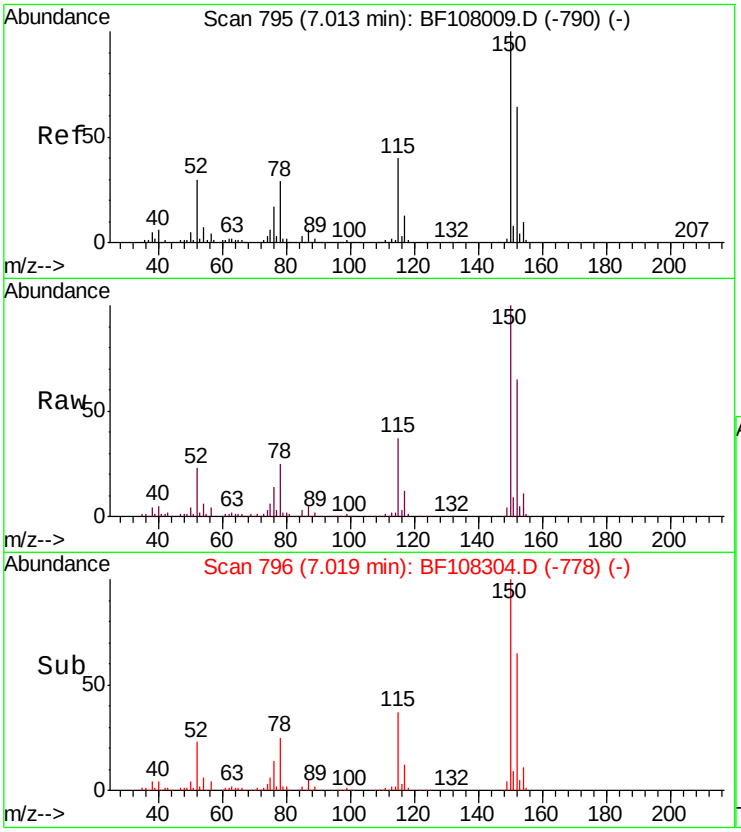
Quant Time: Aug 21 00:54:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



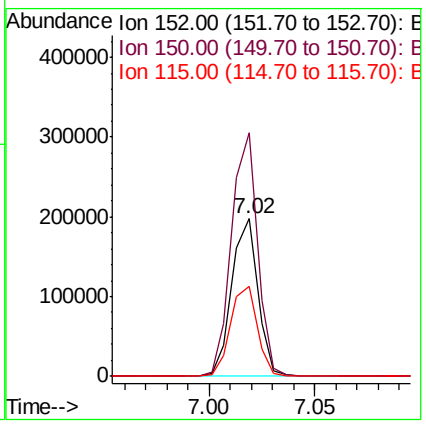


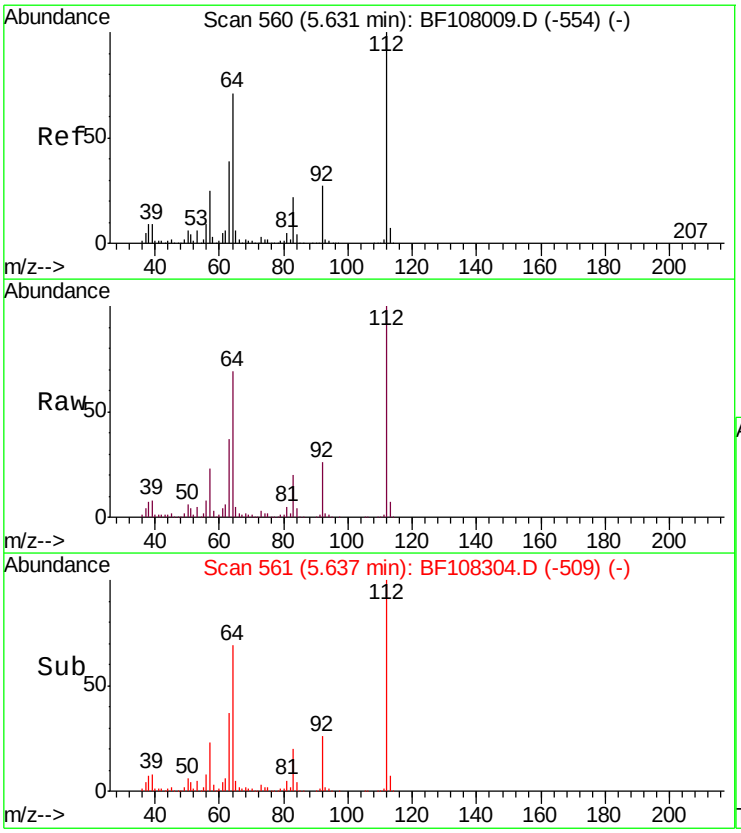
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:152 Resp: 167928

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.4	50.1	75.1

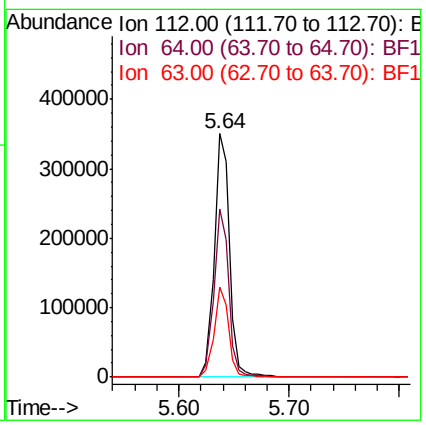


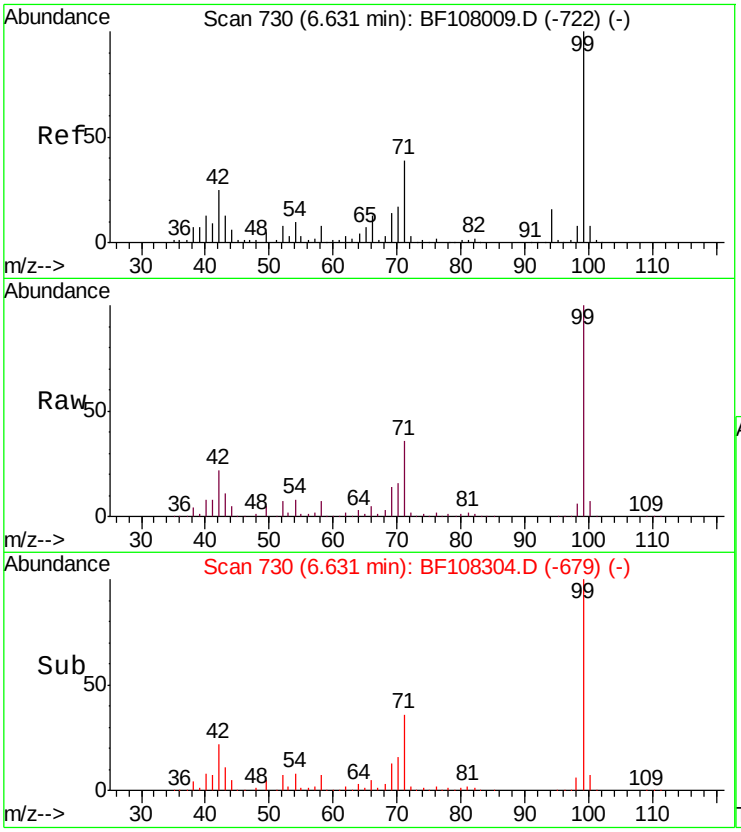


#5
2-Fluorophenol
Concen: 36.276 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:112 Resp: 336475

Ion	Ratio	Lower	Upper
112	100		
64	69.1	47.9	71.9
63	37.0	23.7	35.5#



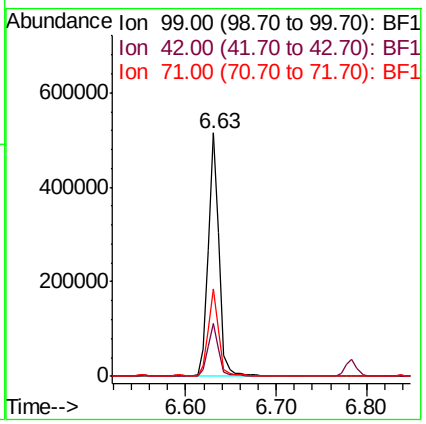


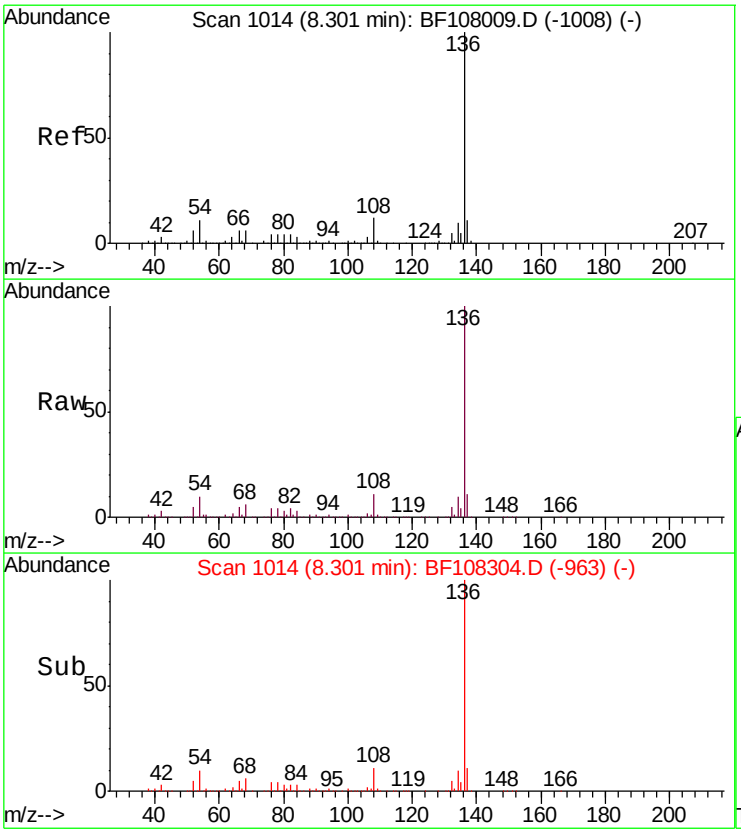
#7
Phenol-d6
Concen: 35.541 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion: 99 Resp: 438078

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	35.8	25.4	38.0

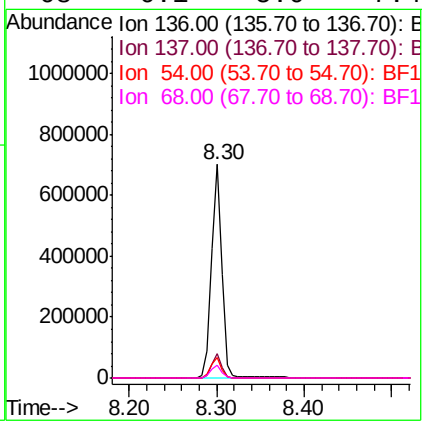


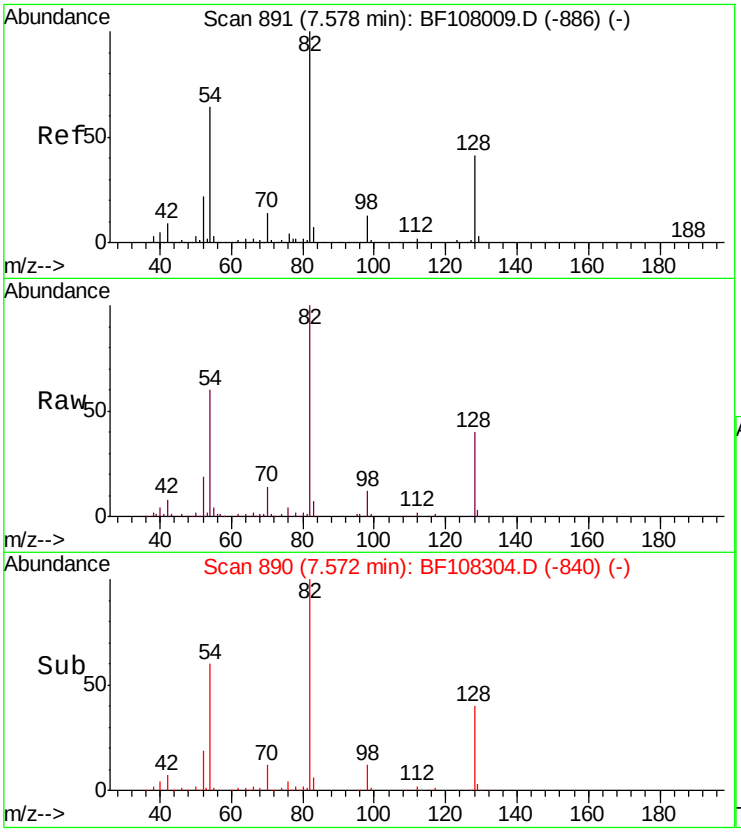


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:136 Resp: 591771

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.7	6.6	9.8
68	6.1	5.0	7.4



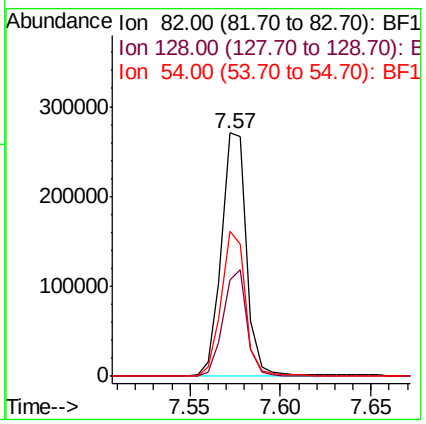


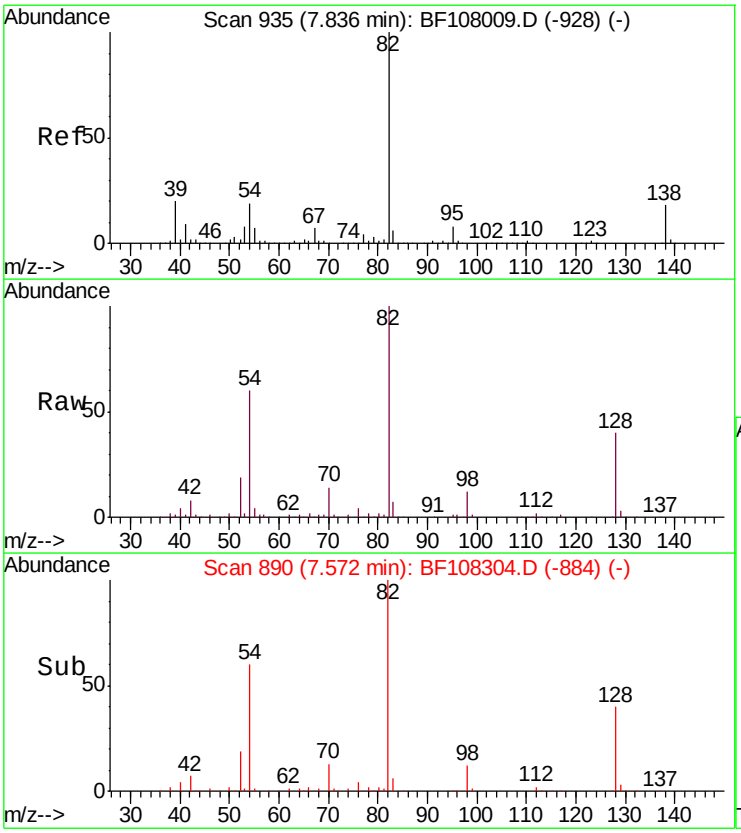
#23
Nitrobenzene-d5
Concen: 24.558 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion: 82 Resp: 260435

Ion	Ratio	Lower	Upper
82	100		
128	39.6	36.1	54.1
54	59.8	41.4	62.2

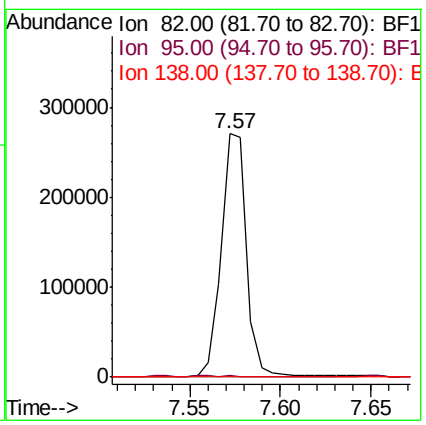


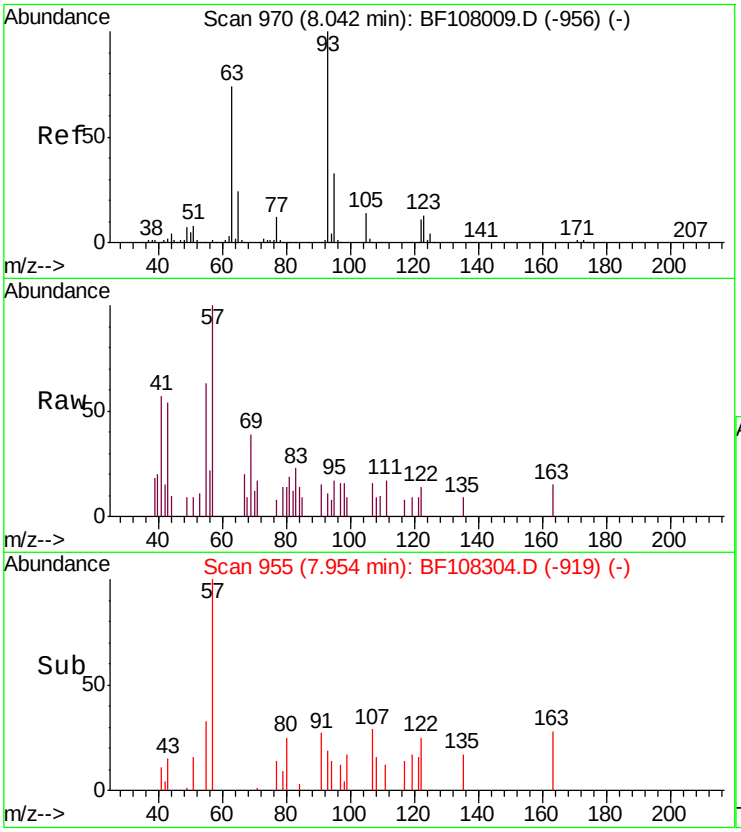


#25
Isophorone
Concen: 12.884 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion: 82 Resp: 260435

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.2	7.8#
138	0.0	14.9	22.3#



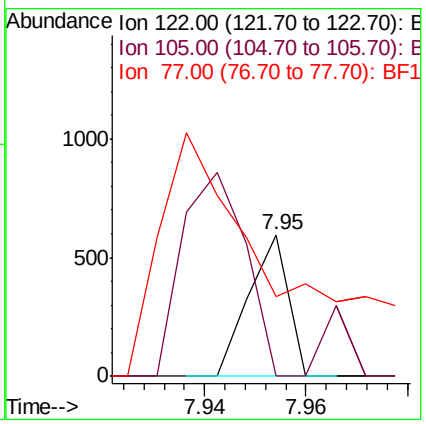


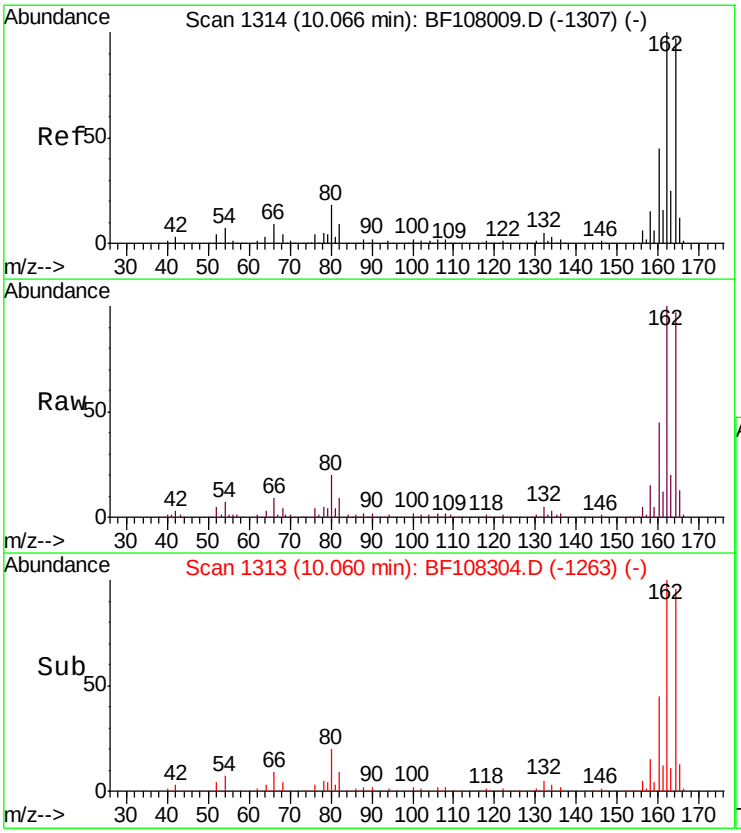
#32
Benzoic acid
Concen: 6.029 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:122 Resp: 326

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	56.6	70.7	110.7#

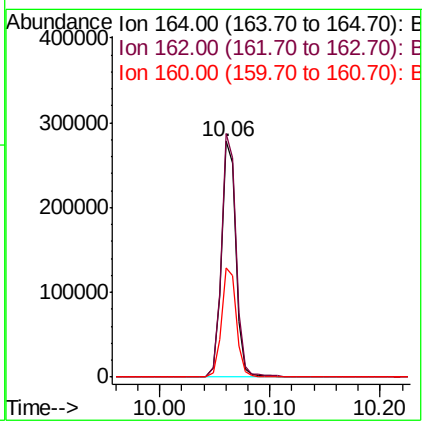


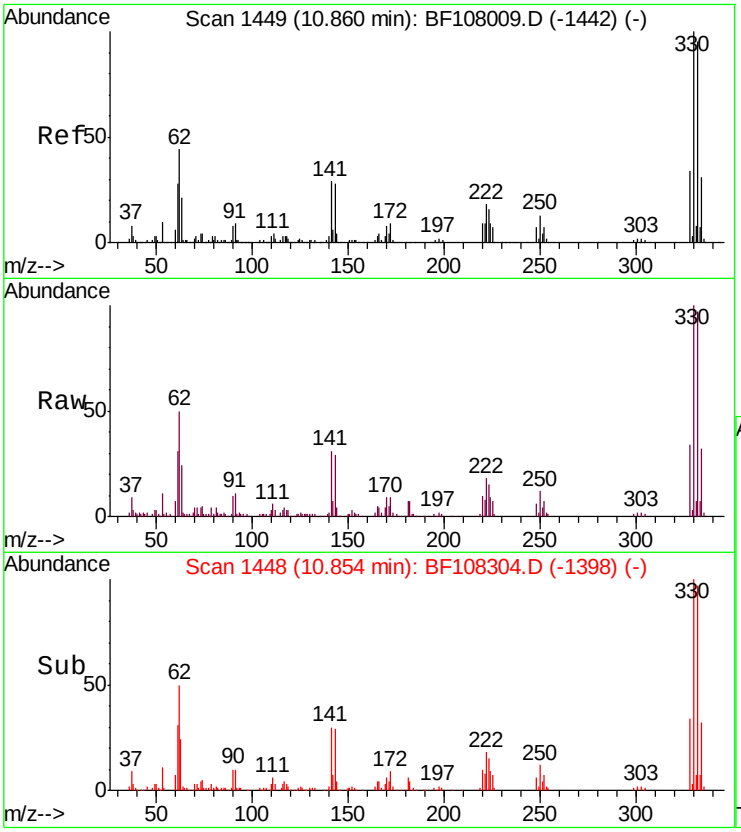


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:164 Resp: 256852

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.4	38.3	57.5



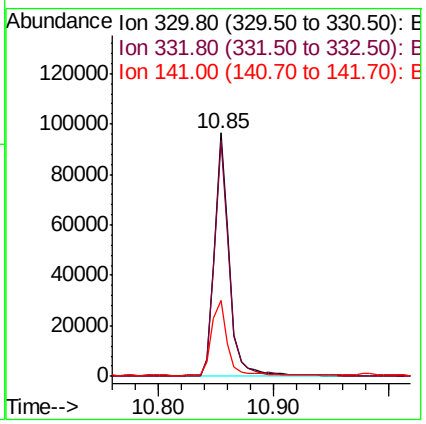


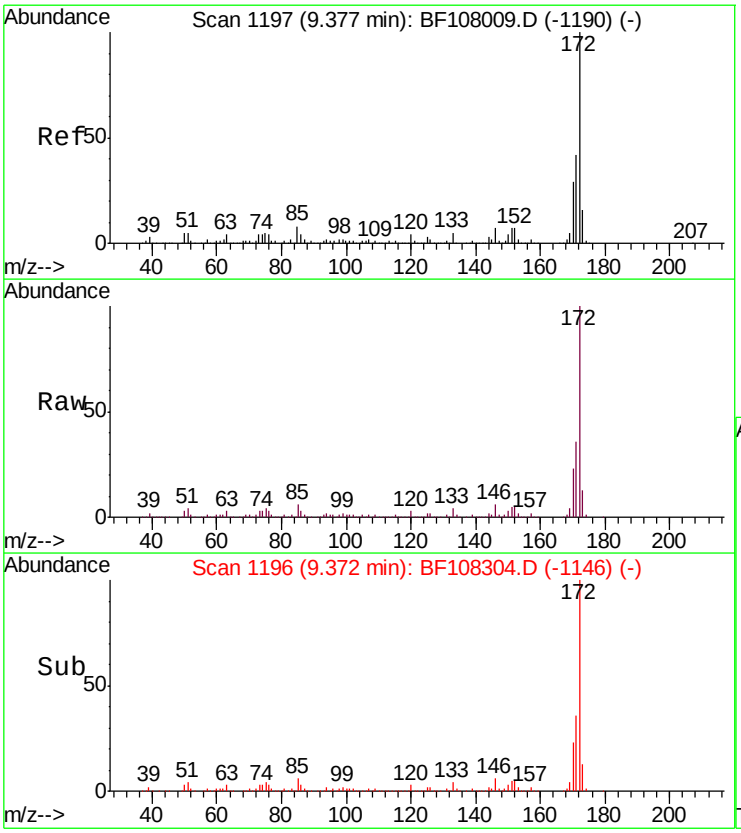
#41
2,4,6-Tribromophenol
Concen: 33.390 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:330 Resp: 85546

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.8	29.9	44.9

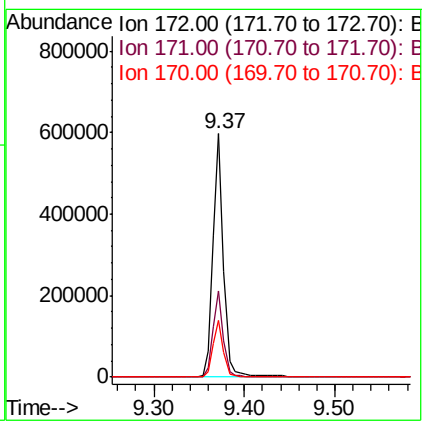


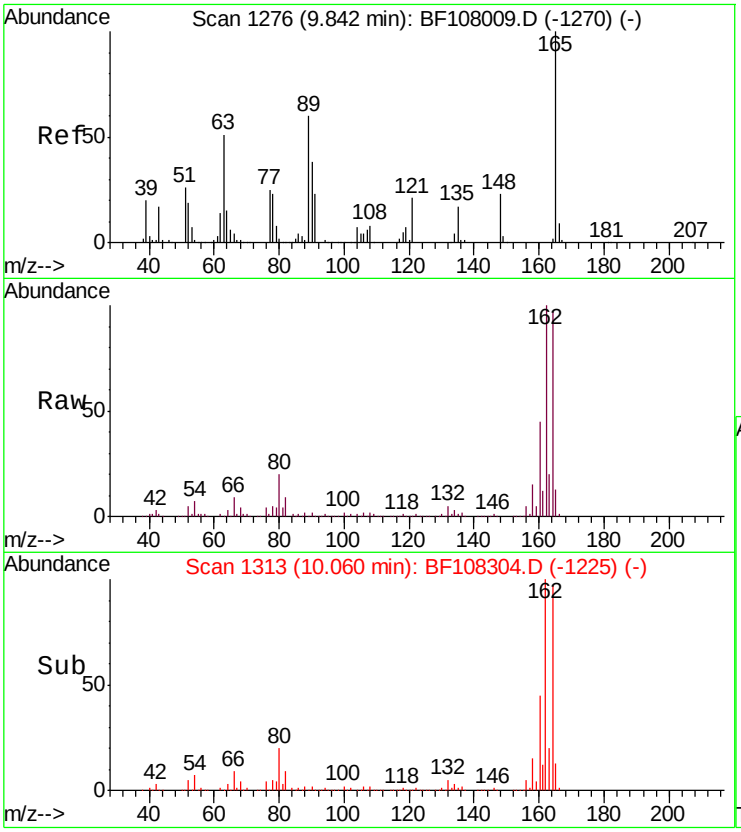


#44
2-Fluorobiphenyl
Concen: 30.417 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:172 Resp: 486623

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4



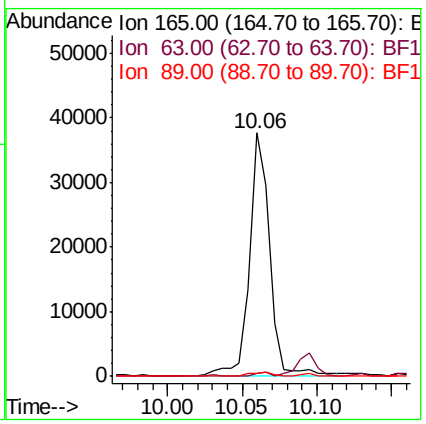


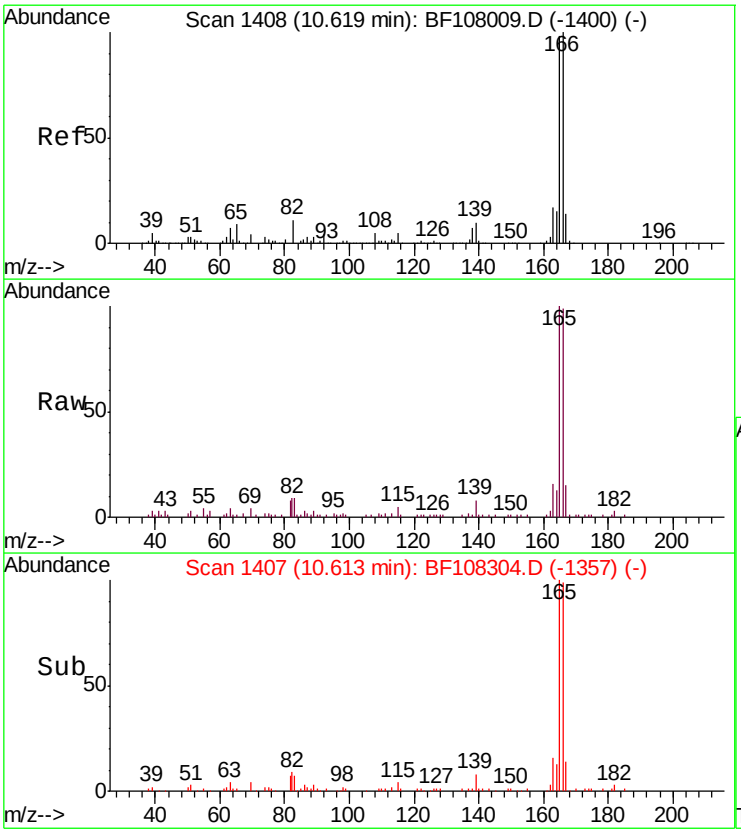
#50
2,6-Dinitrotoluene
Concen: 9.390 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:165 Resp: 35151

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	44.0	66.0#

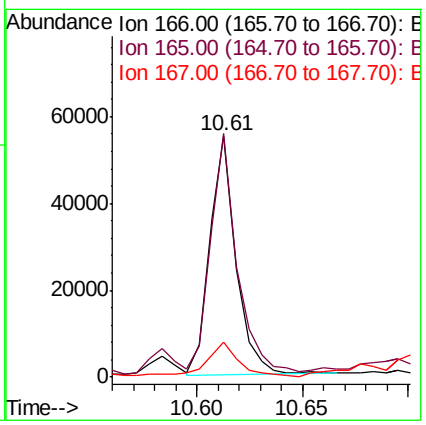


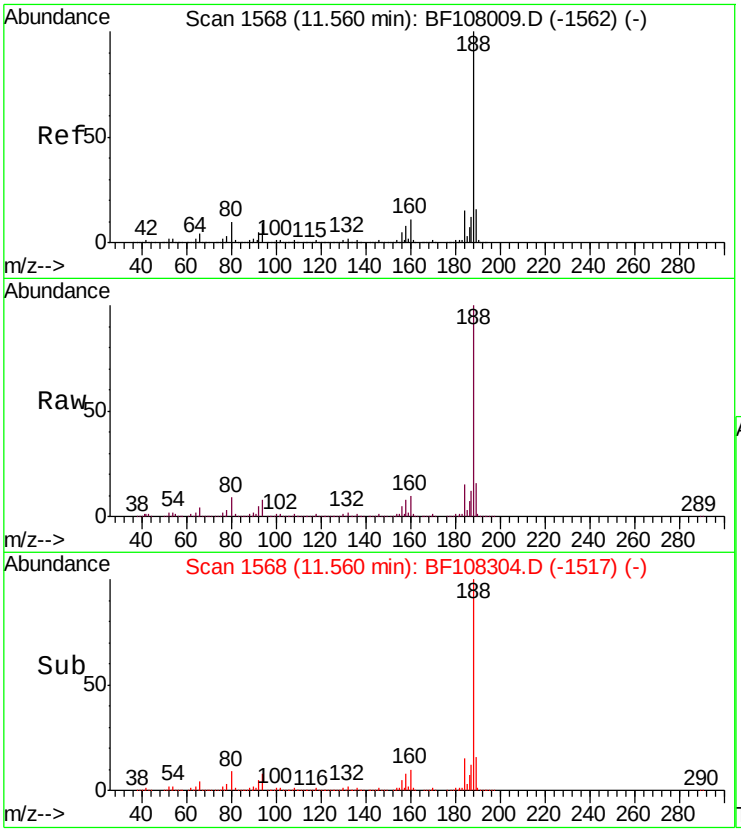


#57
Fluorene
Concen: 2.859 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:166 Resp: 47526

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	14.7	10.6	16.0



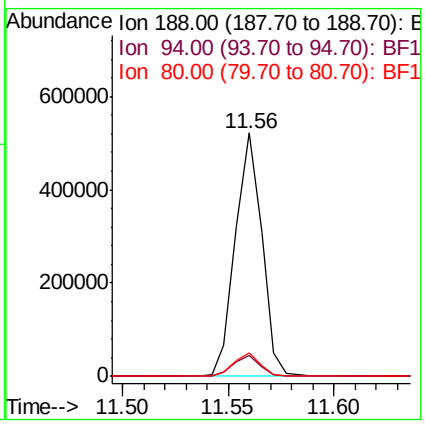


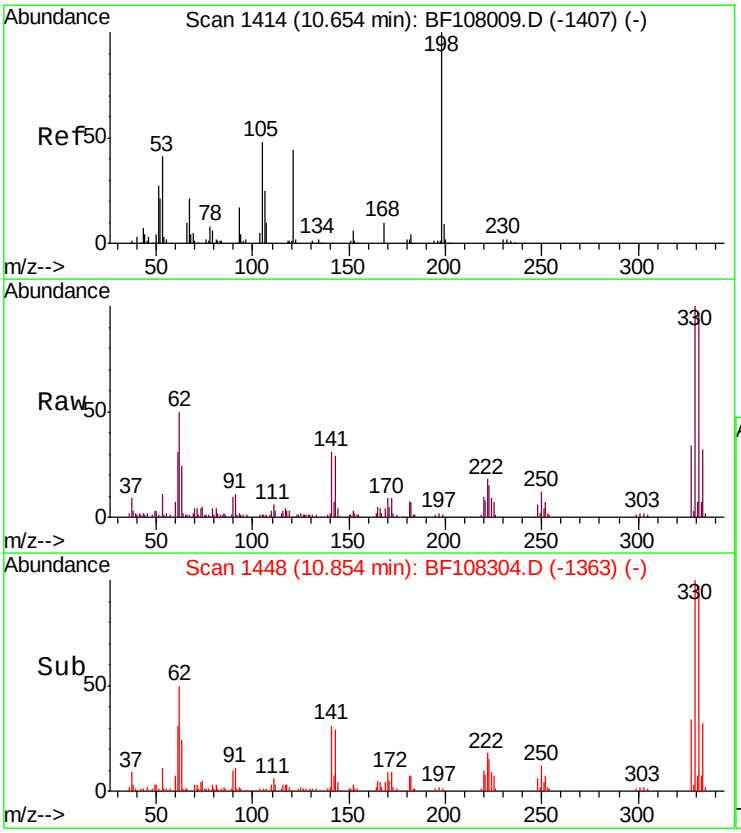
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:188 Resp: 453178

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

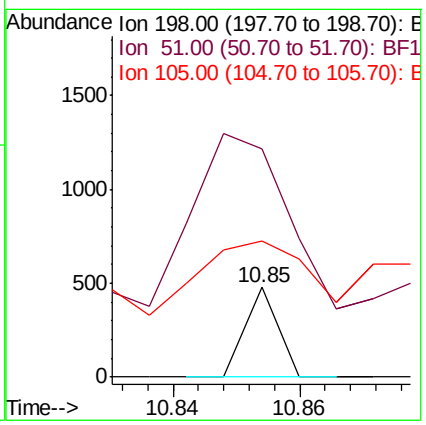


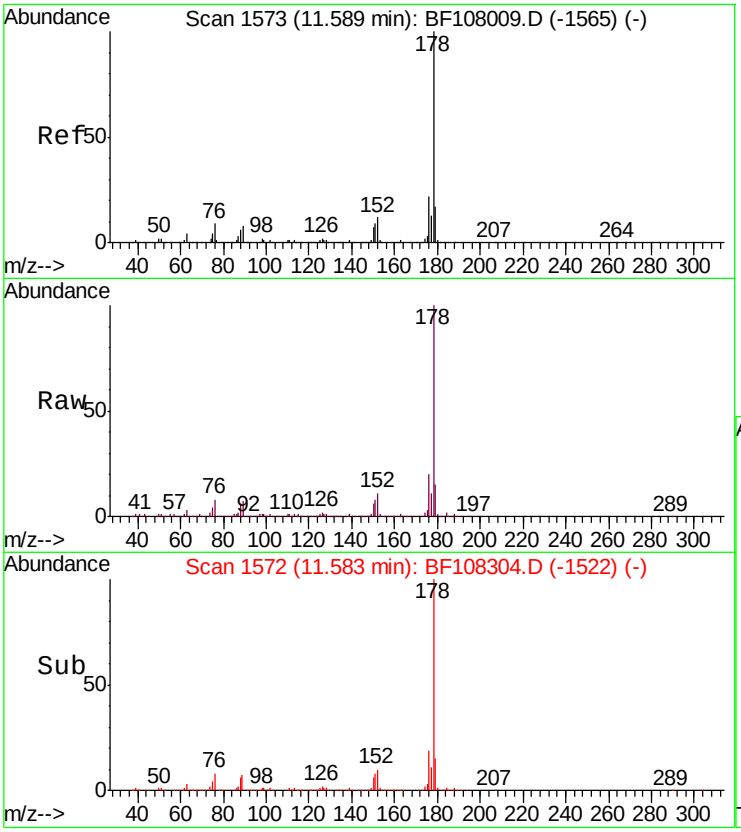


#64
4,6-Dinitro-2-methylphenol
Concen: 5.447 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:198 Resp: 169

Ion	Ratio	Lower	Upper
198	100		
51	254.5	37.7	77.7#
105	150.9	36.3	76.3#



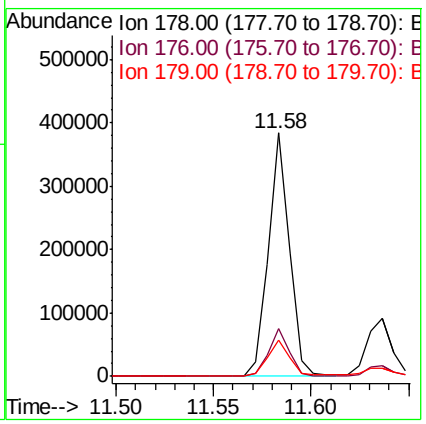


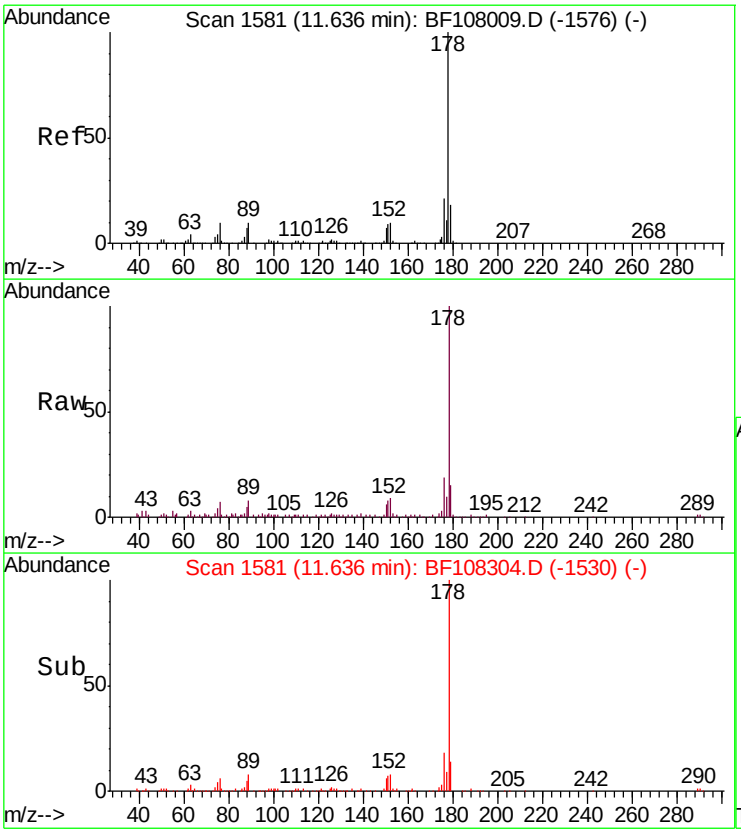
#70
Phenanthrene
Concen: 13.481 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:178 Resp: 288160

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.1	13.0	19.6

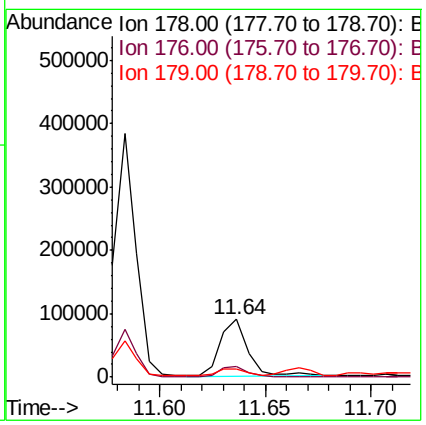


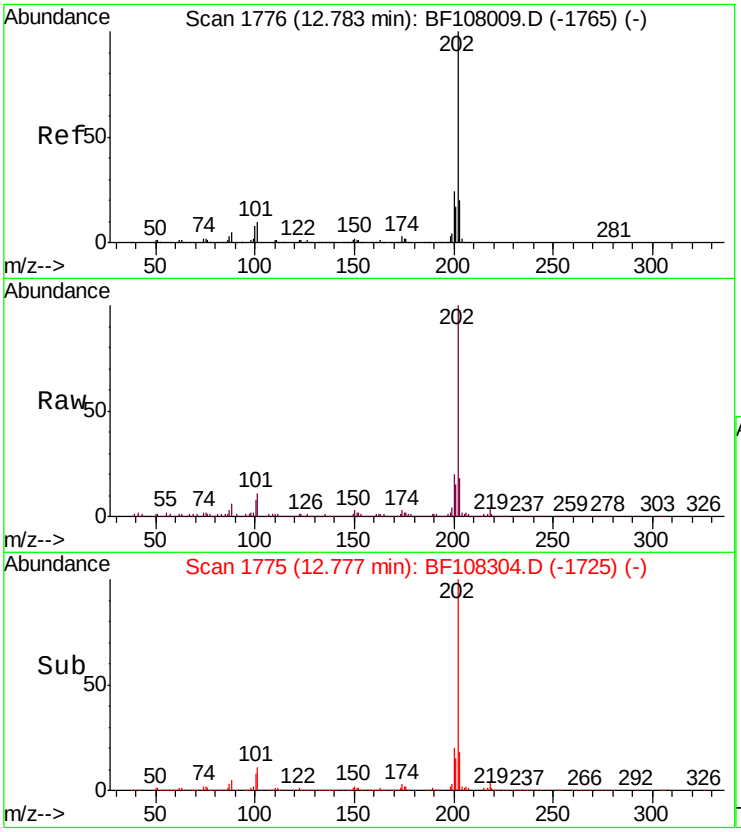


#71
Anthracene
Concen: 3.751 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:178 Resp: 82181

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.0	12.6	19.0



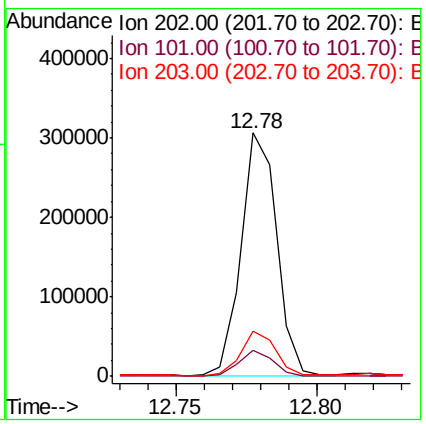


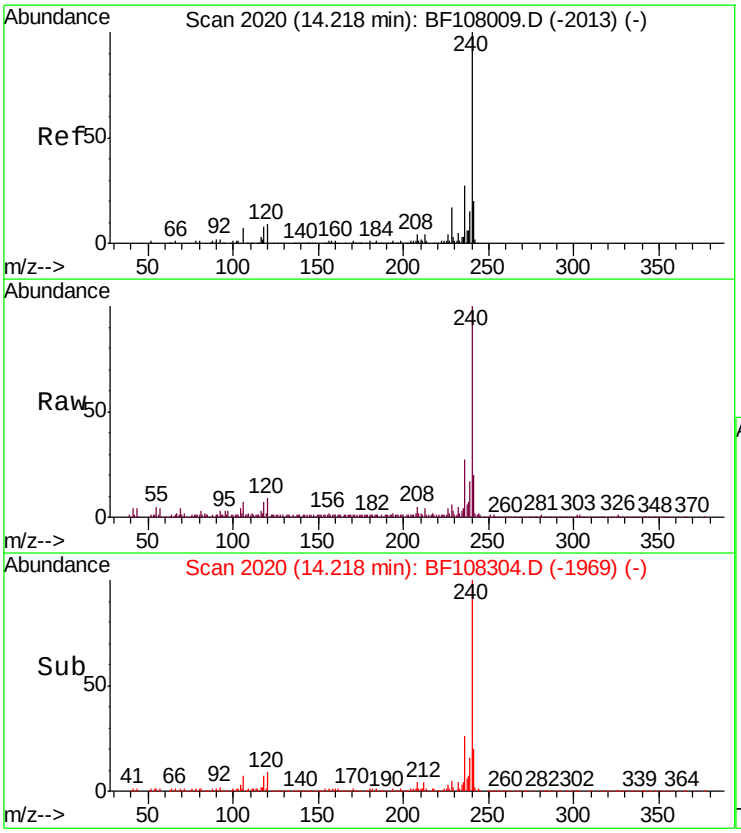
#74
Fluoranthene
Concen: 11.433 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:202 Resp: 266711

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.5	0.0	38.1

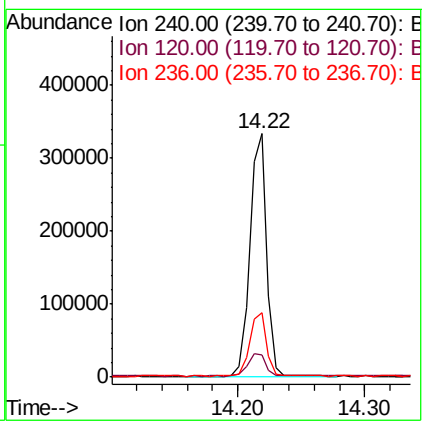


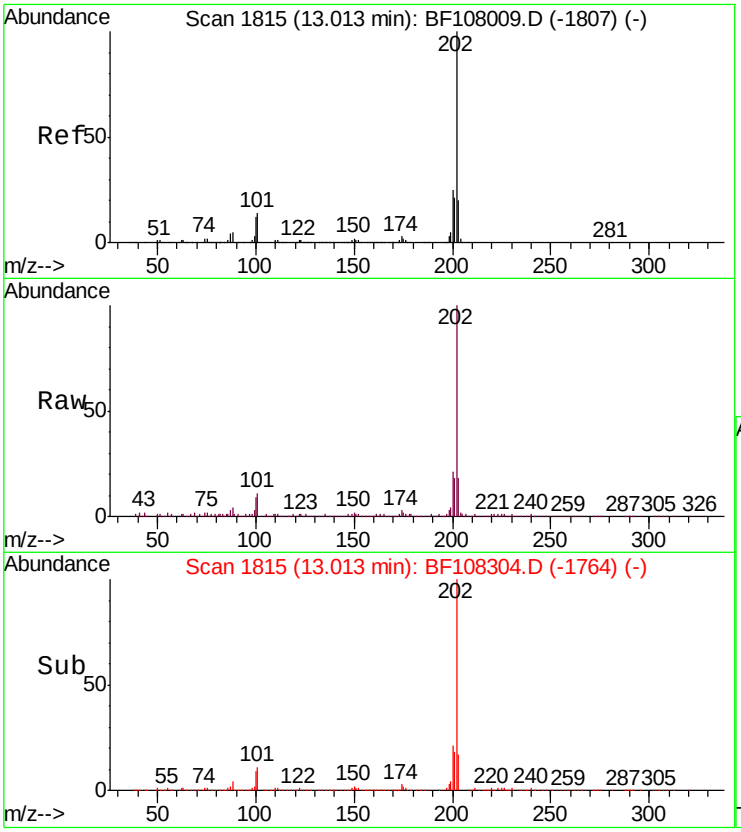


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:240 Resp: 306330

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	26.6	20.7	31.1



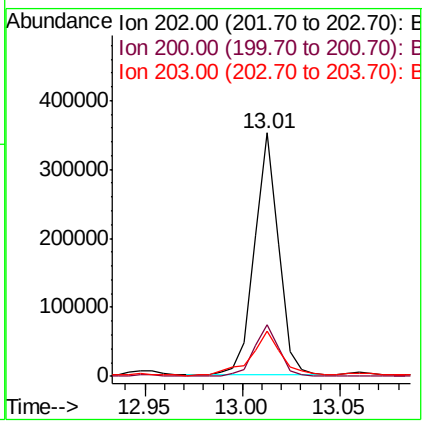


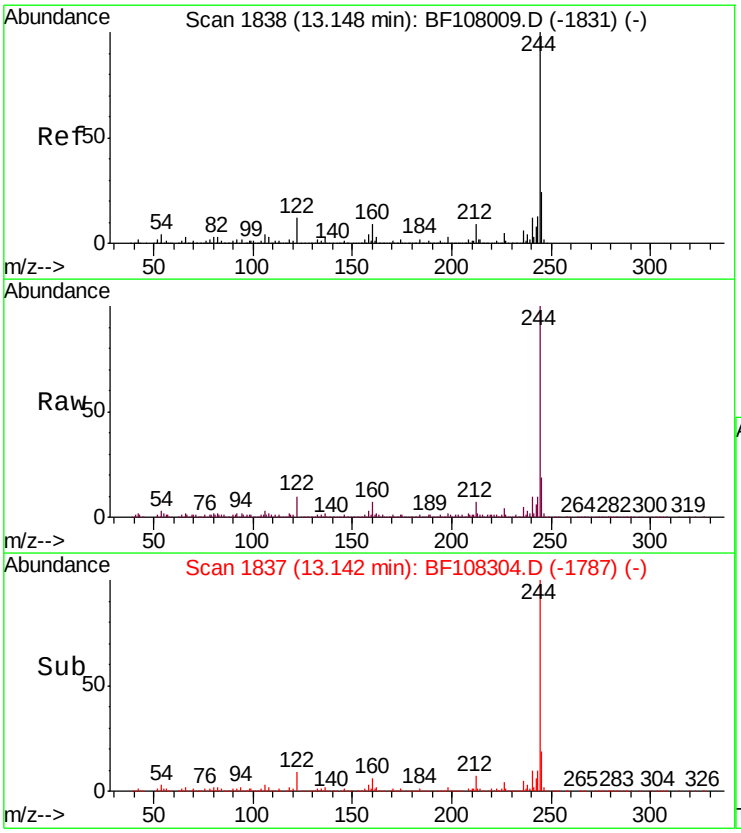
#77
Pyrene
Concen: 15.519 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:202 Resp: 300972

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.4	14.3	21.5

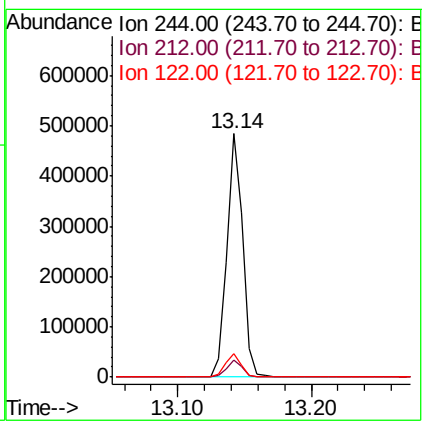


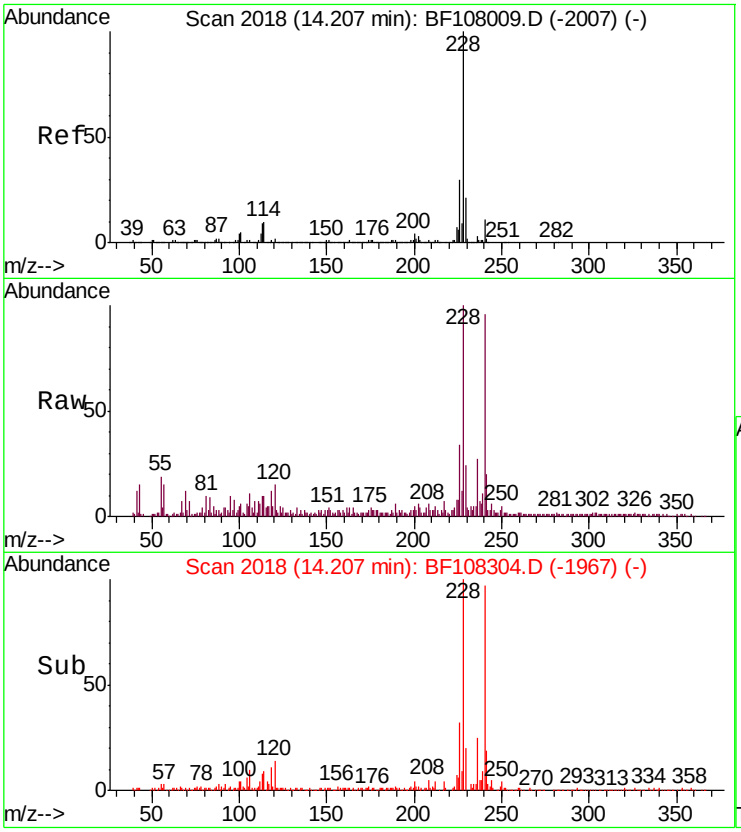


#78
Terphenyl-d14
Concen: 33.711 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:244 Resp: 406154

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.6	11.0	16.4#



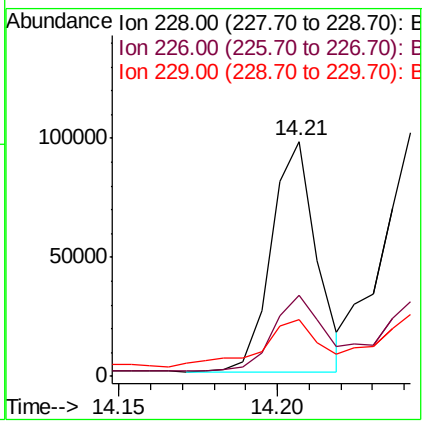


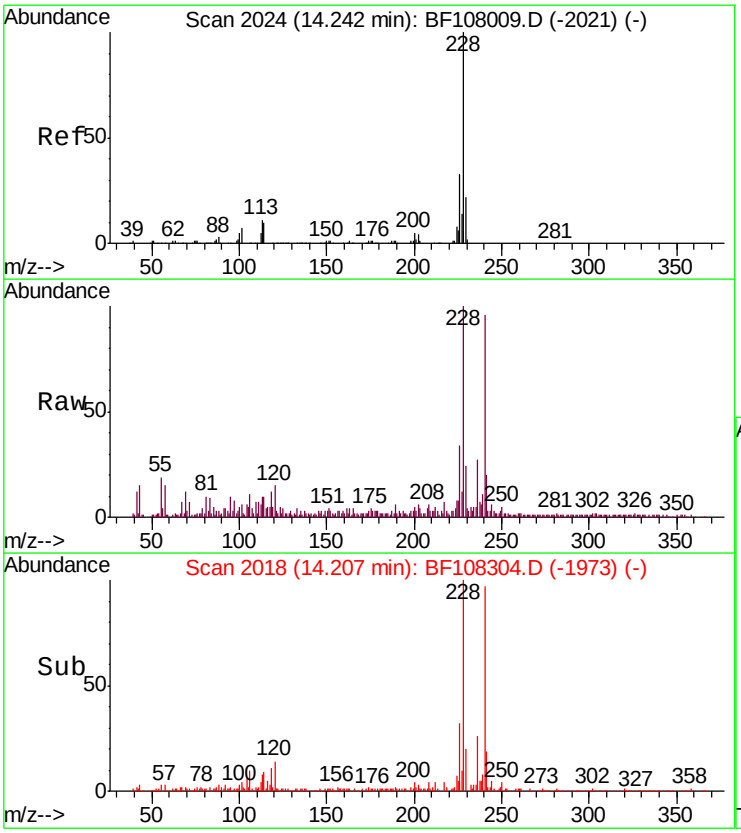
#80
Benzo(a)anthracene
Concen: 5.420 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:228 Resp: 95277

Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.6	33.8#
229	24.1	15.8	23.6#

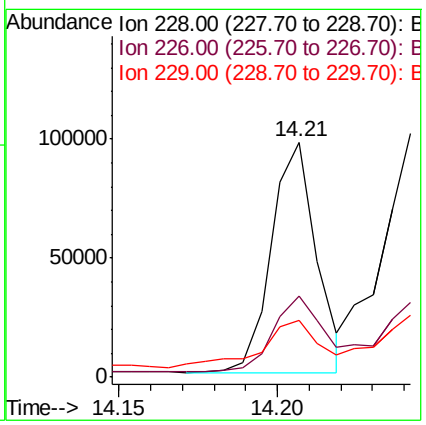


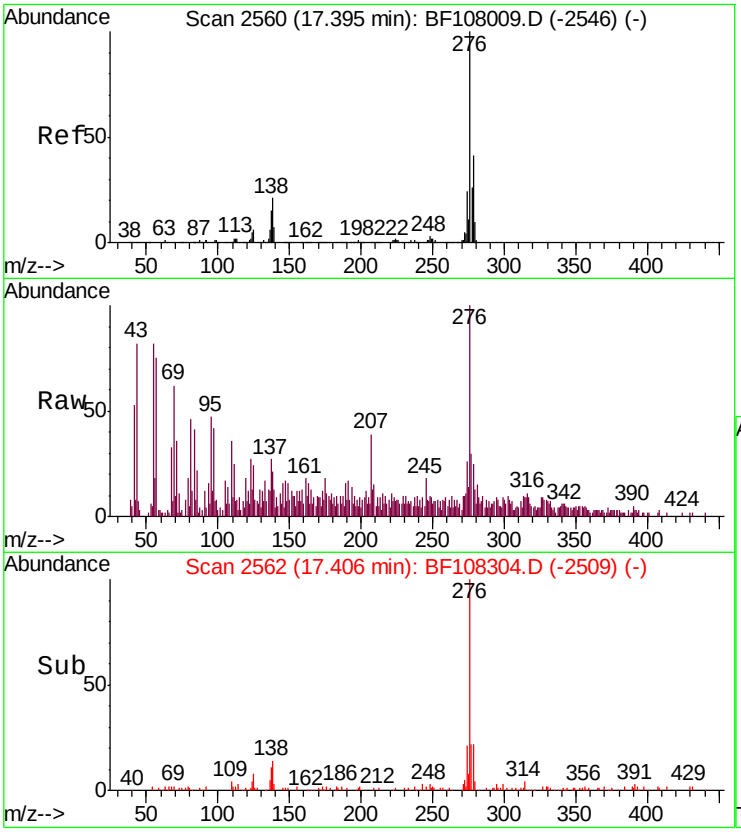


#82
Chrysene
Concen: 5.911 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.04 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:228 Resp: 95277

Ion	Ratio	Lower	Upper
228	100		
226	34.4	25.0	37.6
229	24.1	16.2	24.4



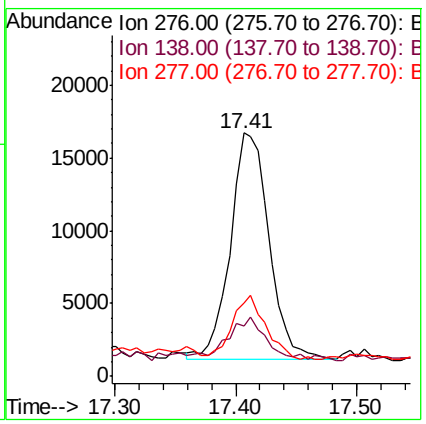


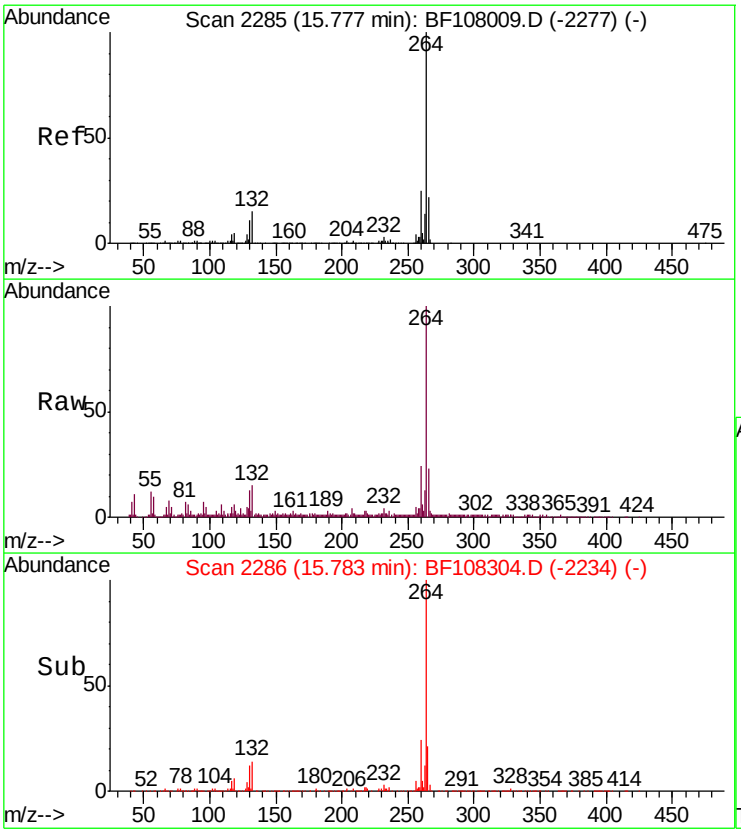
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.474 ng
RT: 17.41 min Scan# 2562
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:276 Resp: 34551

Ion	Ratio	Lower	Upper
276	100		
138	16.6	25.0	37.6#
277	25.4	20.1	30.1

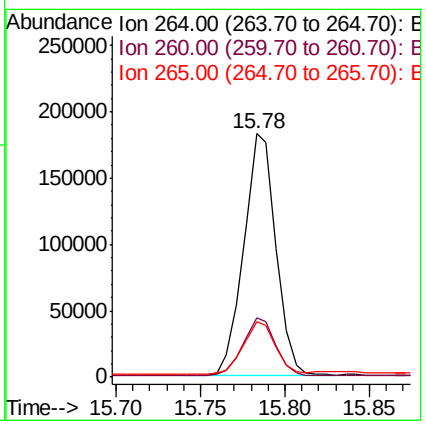


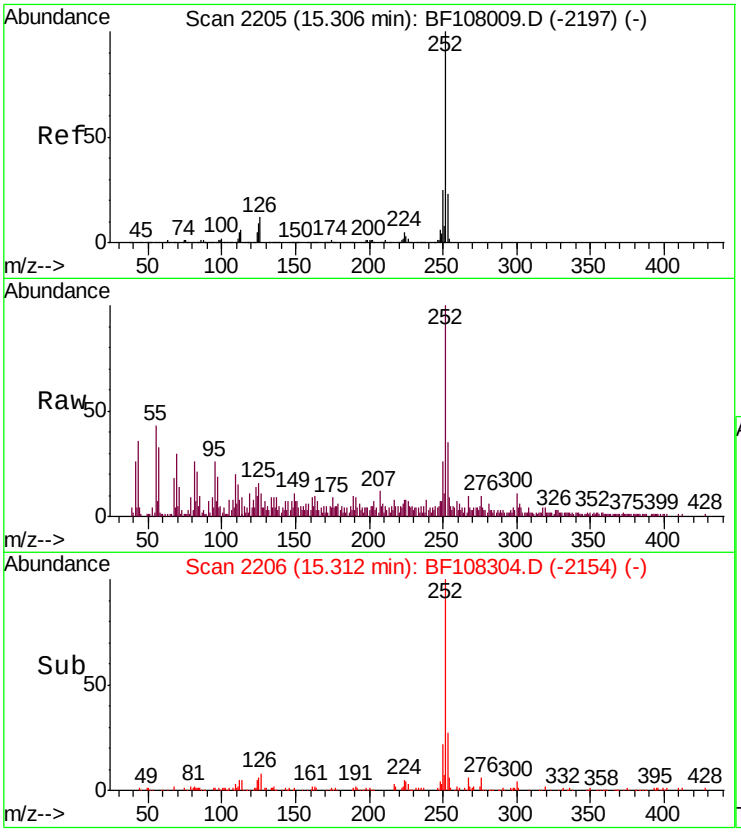


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:264 Resp: 243248

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	17.5	26.3



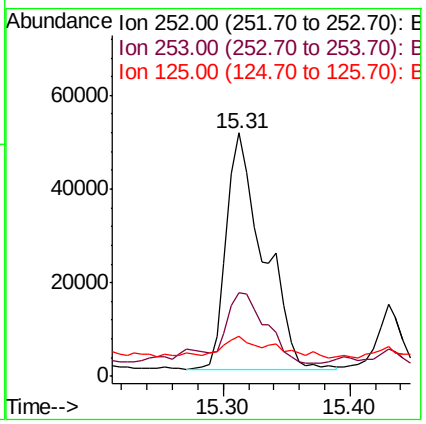


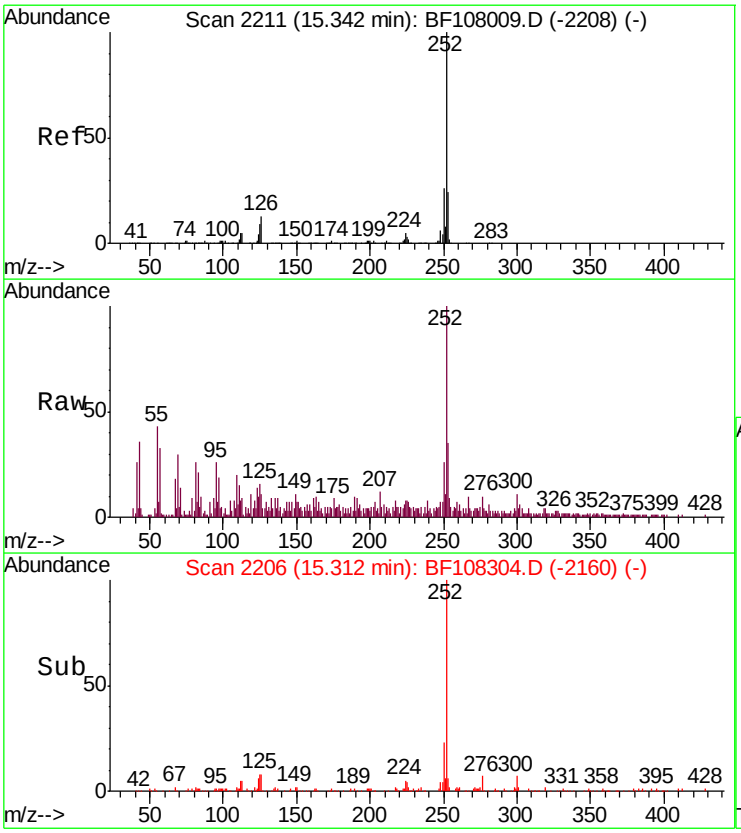
#87
Benzo(b)fluoranthene
Concen: 7.089 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:252 Resp: 103038

Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.0	25.6#
125	16.3	9.0	13.6#

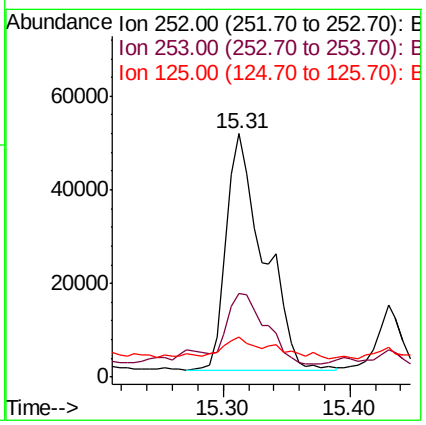


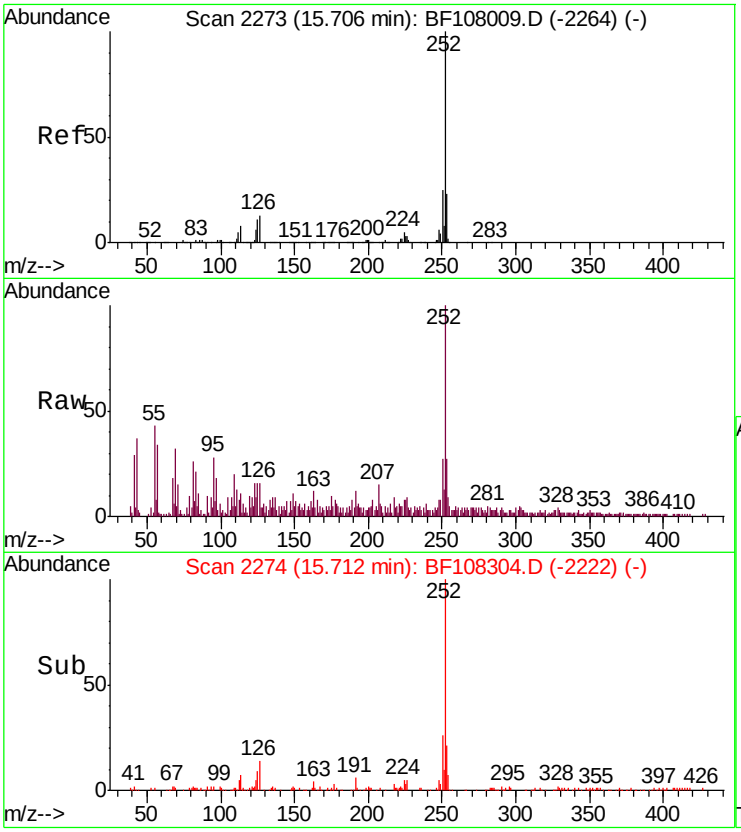


#88
Benzo(k)fluoranthene
Concen: 7.712 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:252 Resp: 103038

Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.9	26.9#
125	16.3	10.2	15.2#



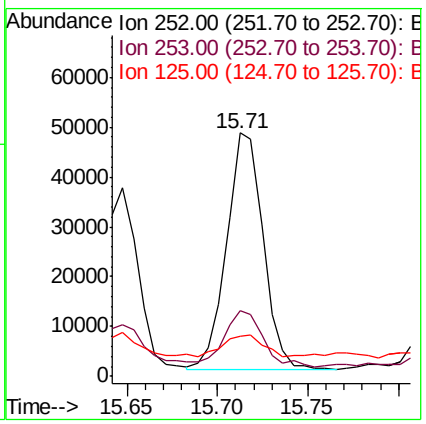


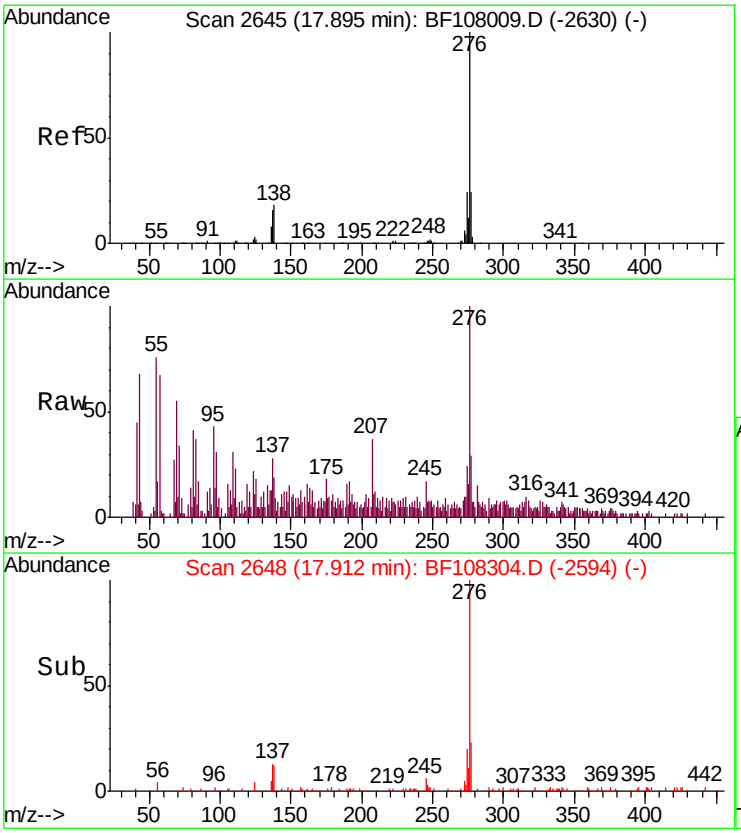
#89
Benzo(a)pyrene
Concen: 5.115 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tgt Ion:252 Resp: 66582

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	16.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.572 ng
RT: 17.91 min Scan# 2648
Delta R.T. 0.02 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion:276 Resp: 37880

Ion	Ratio	Lower	Upper
276	100		
277	29.2	17.9	26.9#
138	19.4	21.8	32.8#