Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138052.D
Acq On : 28 May 2024 17:37
Operator : CG\JU
Sample : P1613-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Quant Time: May 28 18:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	120903	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	413041	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	177161	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	276077	20.000	ng	0.00
76) Chrysene-d12	14.233	240	237933	20.000	ng	0.00
86) Perylene-d12	15.804	264	181163	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	67391	9.468	ng	-0.01
7) Phenol-d6	6.645	99	114784	13.092	ng	-0.01
23) Nitrobenzene-d5	7.592	82	68250	9.724	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	4904	2.745	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	141998	12.347	ng	0.00
79) Terphenyl-d14	13.168	244	151739	9.399	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	10.080	165	26613	10.437	ng	# 30
54) 2,4-Dinitrophenol	10.322	184	86	7.025	ng	# 1
57) 2,4-Dinitrotoluene	10.080	165	26613	8.074	ng	# 34
71) Phenanthrene	11.604	178	174700	12.841	ng	99
72) Anthracene	11.651	178	56748	4.204	ng	100
75) Fluoranthene	12.804	202	452920	32.799	ng	99
78) Pyrene	13.033	202	456337	21.928	ng	100
81) Benzo(a)anthracene	14.221	228	235688	15.657	ng	97
83) Chrysene	14.257	228	195060	13.549	ng	97
87) Indeno(1,2,3-cd)pyrene	17.427	276	102247	8.785	ng	96
88) Benzo(b)fluoranthene	15.327	252	320582	30.562	ng	97
89) Benzo(k)fluoranthene	15.327	252	320582	31.110	ng	96
90) Benzo(a)pyrene	15.733	252	171342	19.129	ng	# 96
91) Dibenzo(a,h)anthracene	17.445	278	23760	2.471	ng	# 78
92) Benzo(g,h,i)perylene	17.933	276	104627	10.357	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
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Acq On : 28 May 2024 17:37
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Misc :
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Instrument :
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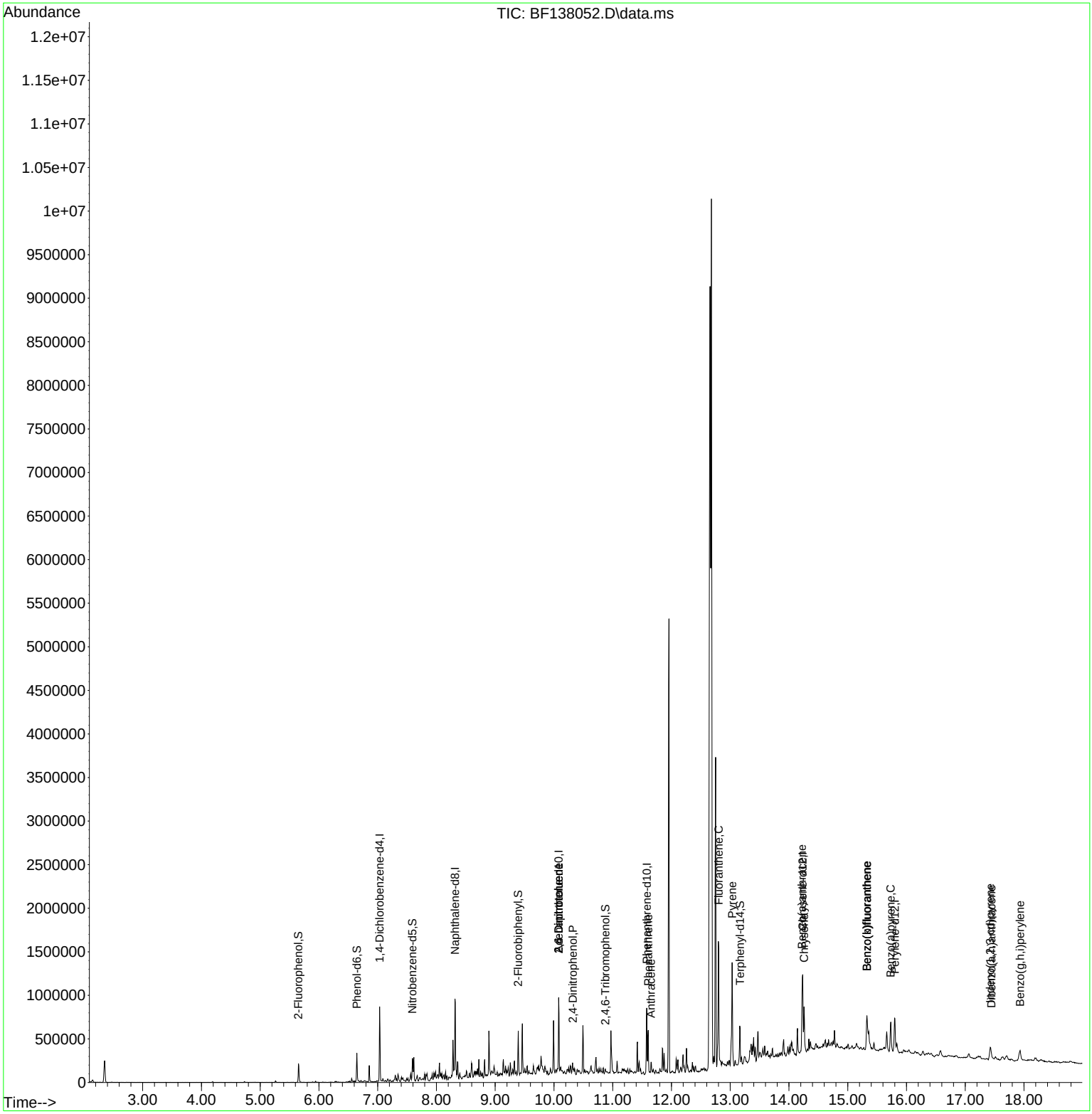
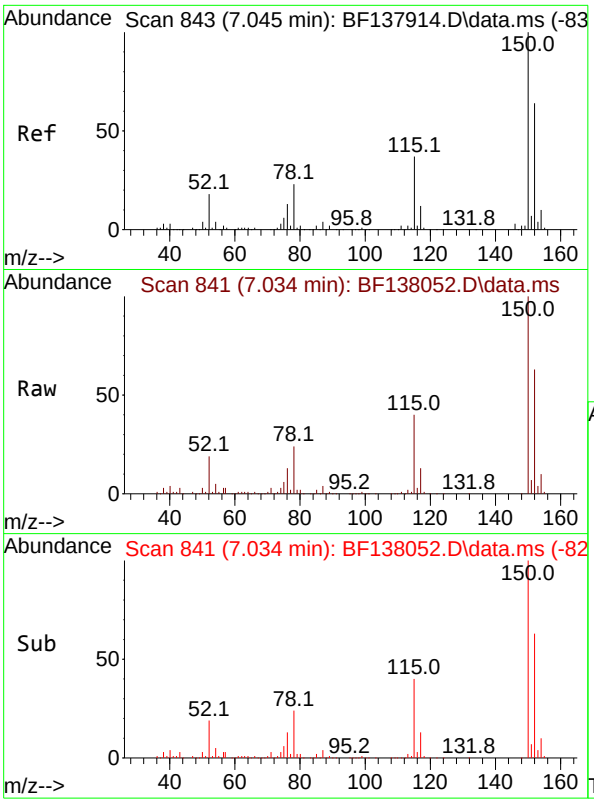
Quant Time: May 28 18:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration



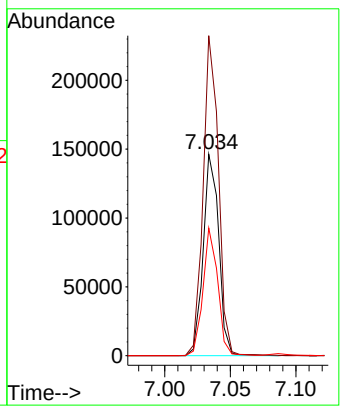


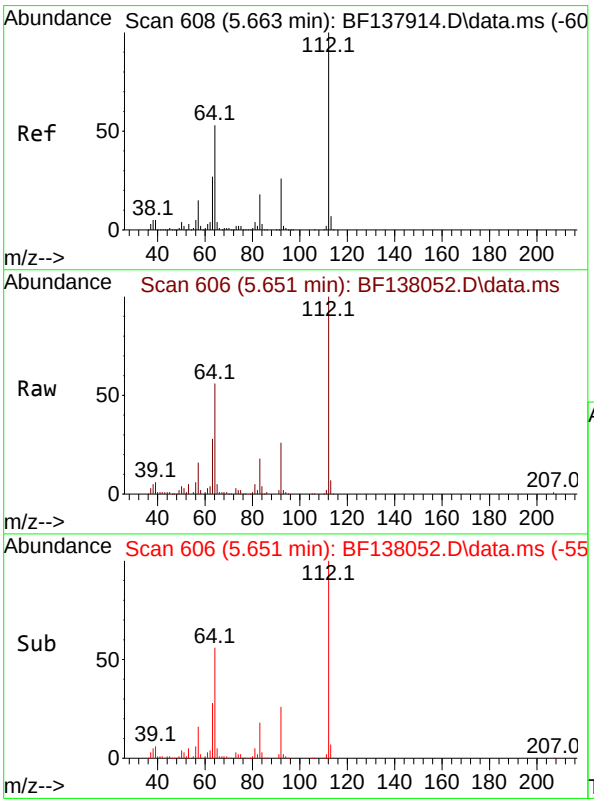
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:152 Resp: 120903

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.7	188.5
115	63.4	47.0	70.6

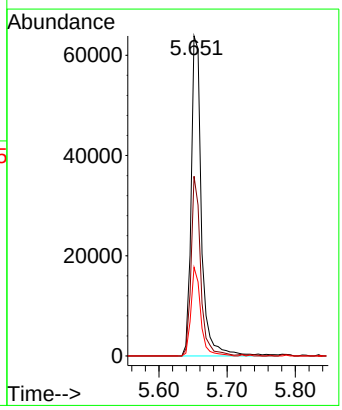


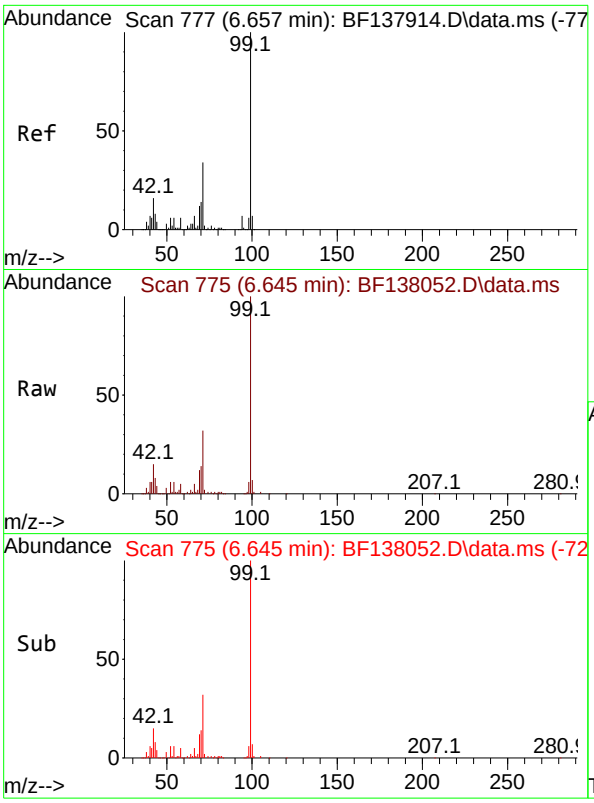


#5
2-Fluorophenol
Concen: 9.468 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:112 Resp: 67391

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.4	63.6
63	27.7	21.4	32.2



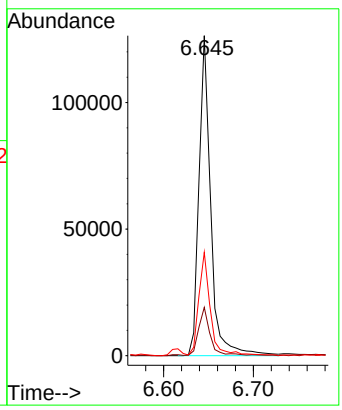


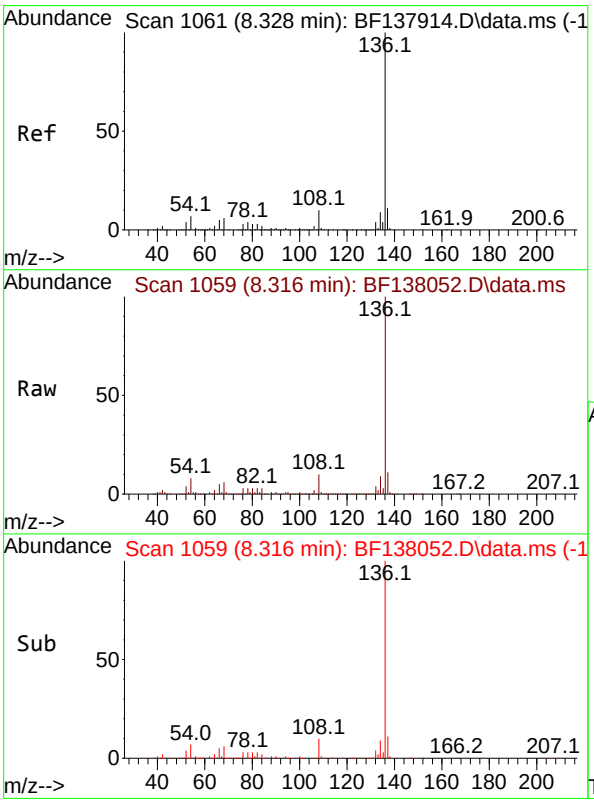
#7
Phenol-d6
Concen: 13.092 ng
RT: 6.645 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion: 99 Resp: 114784

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.6	18.8
71	32.3	27.1	40.7

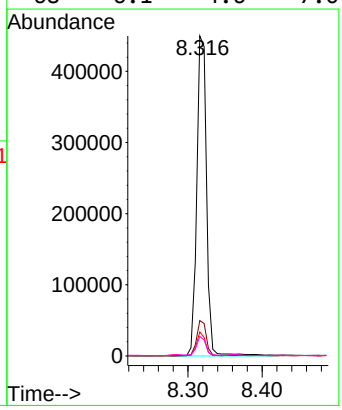


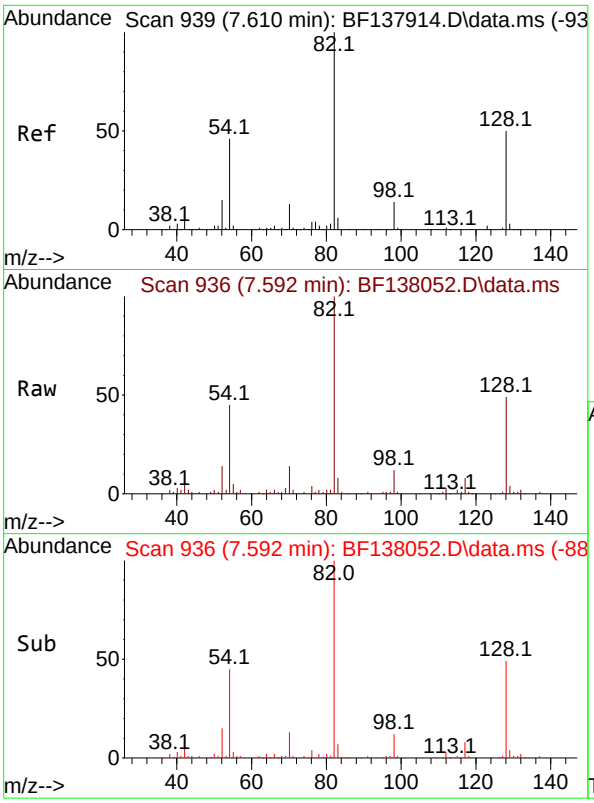


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:136 Resp: 413041

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	5.4	8.2
68	6.1	4.6	7.0



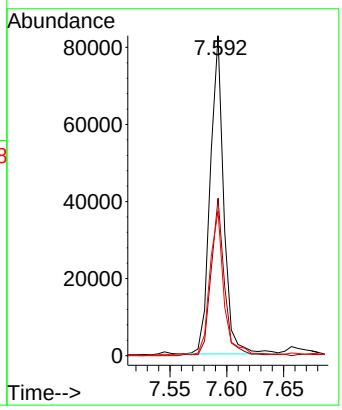


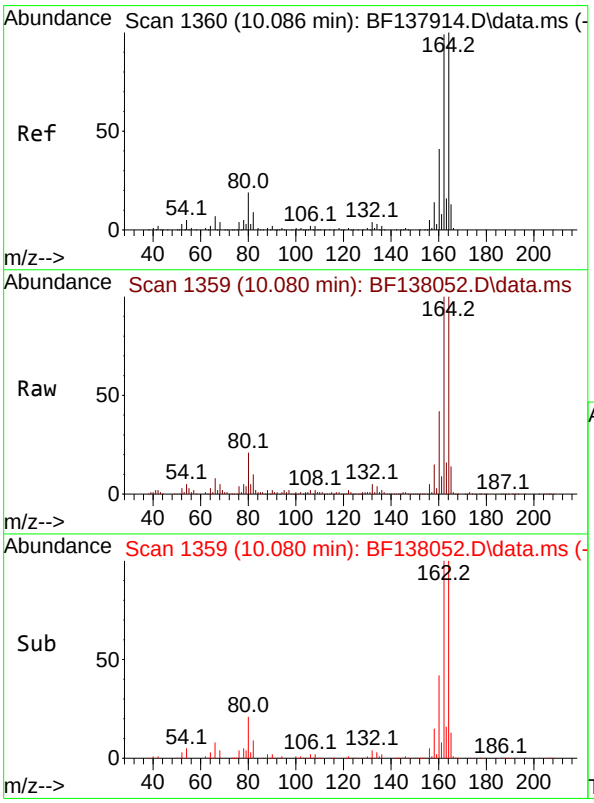
#23
Nitrobenzene-d5
Concen: 9.724 ng
RT: 7.592 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion: 82 Resp: 68250

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.3	60.5
54	45.2	36.8	55.2

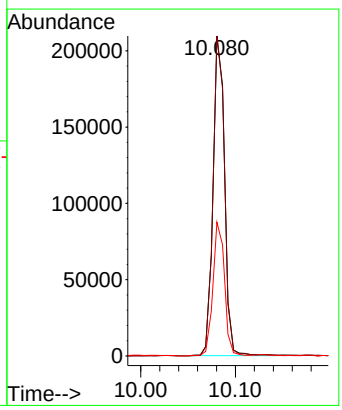


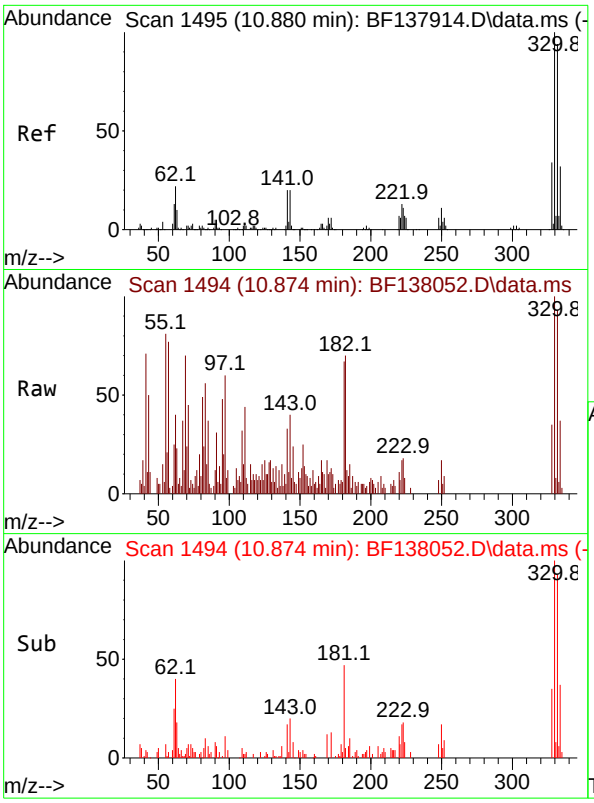


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:164 Resp: 177161

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.4	119.2
160	41.8	33.1	49.7



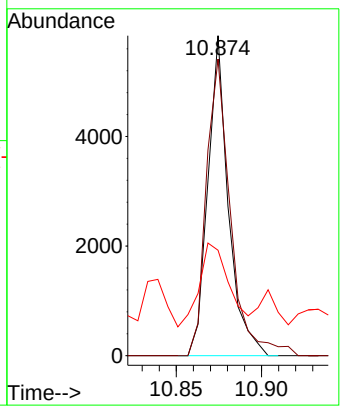


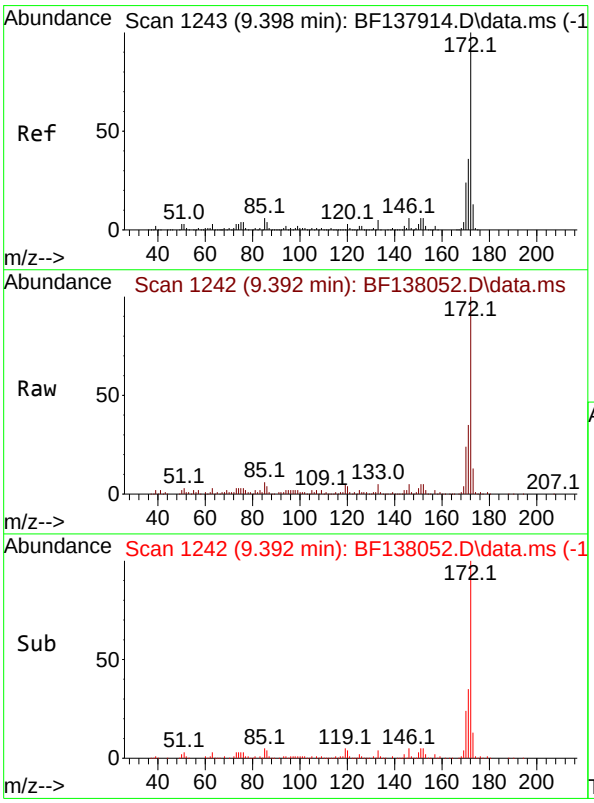
#42
2,4,6-Tribromophenol
Concen: 2.745 ng
RT: 10.874 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:330 Resp: 4904

Ion	Ratio	Lower	Upper
330	100		
332	109.4	75.8	113.8
141	37.2	23.8	35.6#

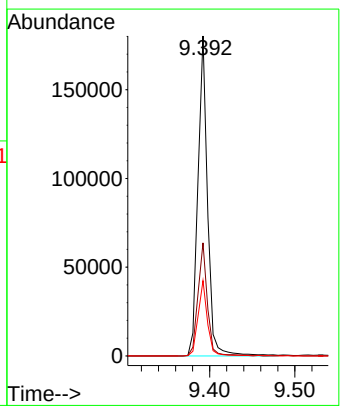


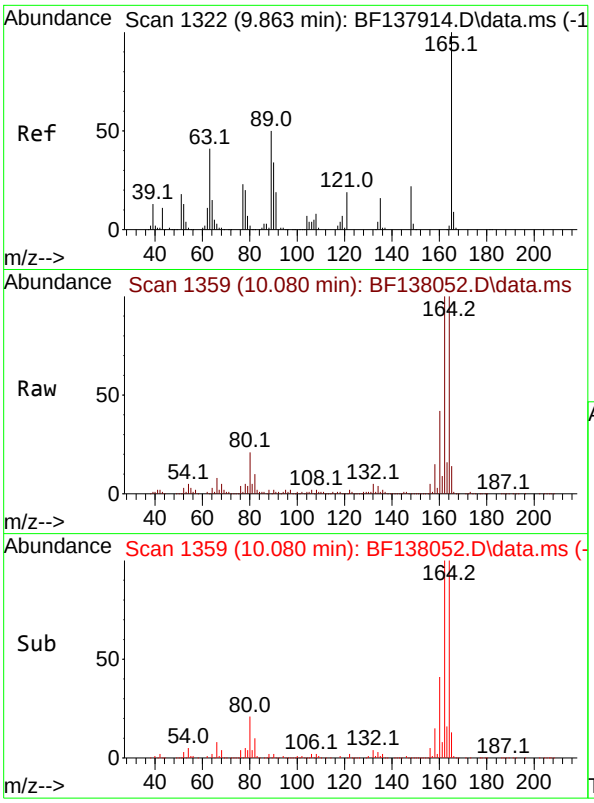


#45
2-Fluorobiphenyl
Concen: 12.347 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:172 Resp: 141998

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.6	18.9	28.3



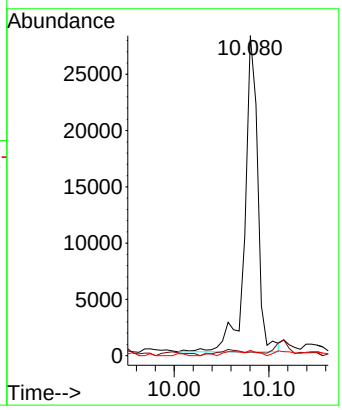


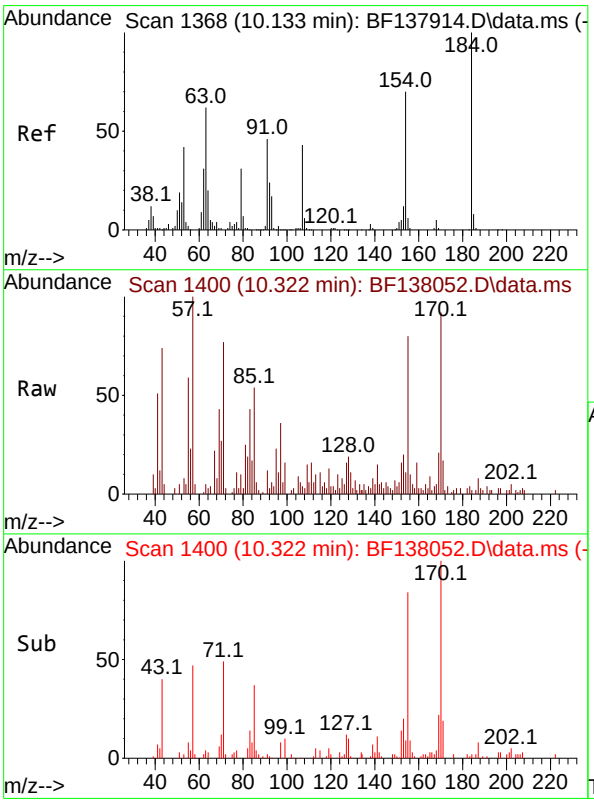
#51
2,6-Dinitrotoluene
Concen: 10.437 ng
RT: 10.080 min Scan# 1
Delta R.T. 0.218 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:165 Resp: 26613

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.9	58.3#
89	1.7	40.4	60.6#

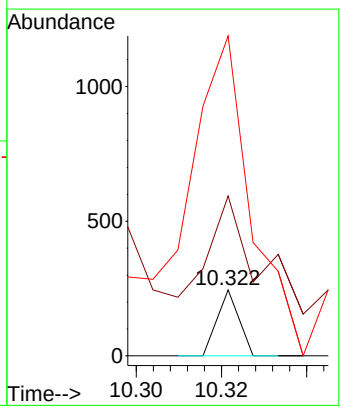


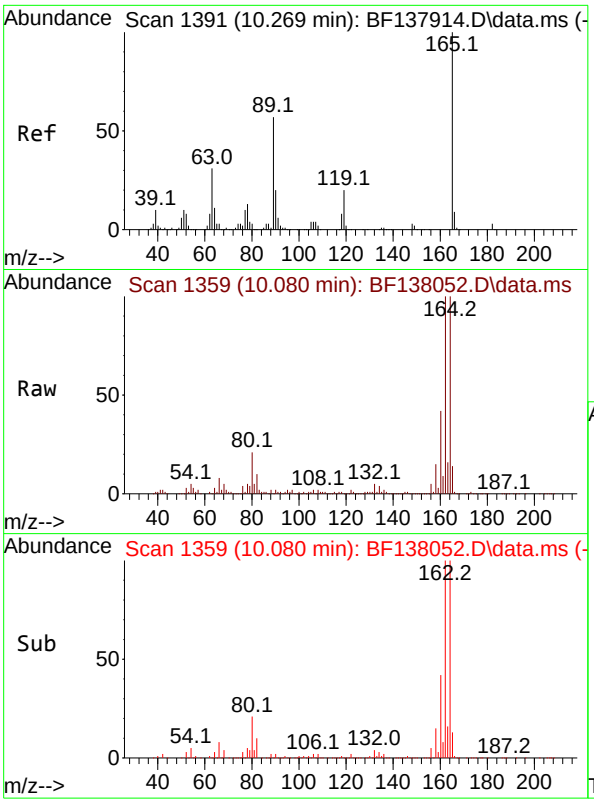


#54
2,4-Dinitrophenol
Concen: 7.025 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.189 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:184 Resp: 86

Ion	Ratio	Lower	Upper
184	100		
63	242.4	50.4	75.6#
154	484.9	63.7	95.5#



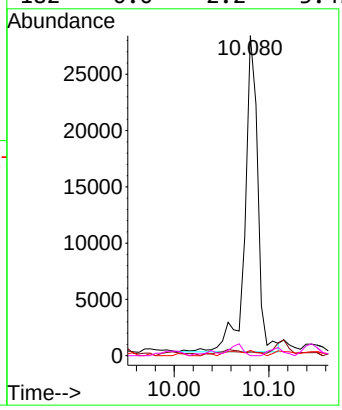


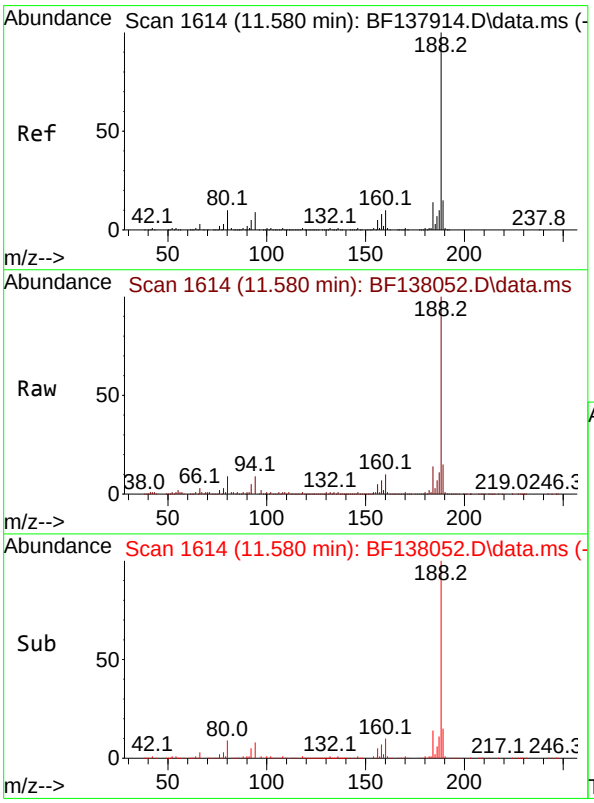
#57
2,4-Dinitrotoluene
Concen: 8.074 ng
RT: 10.080 min Scan# 1
Delta R.T. -0.188 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:165 Resp: 26613

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.3	37.9#
89	1.7	45.9	68.9#
182	0.0	2.2	3.4#

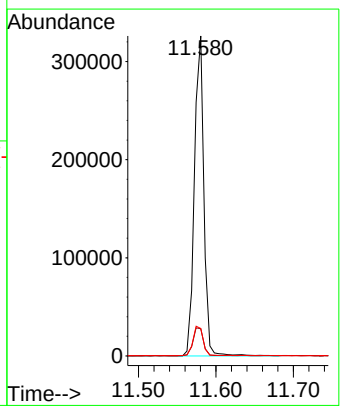


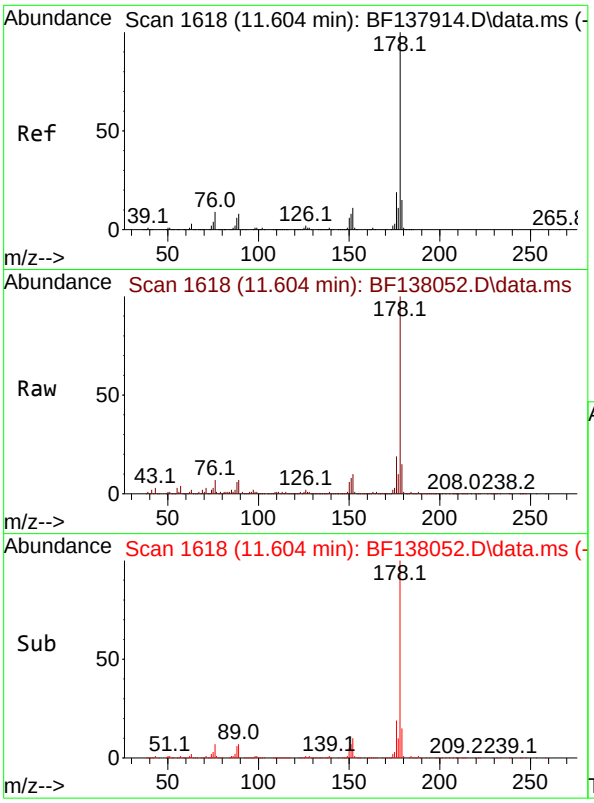


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:188 Resp: 276077

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	8.6	7.7	11.5



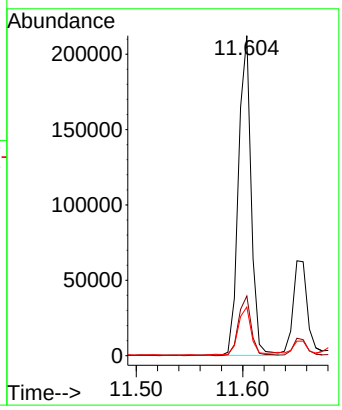


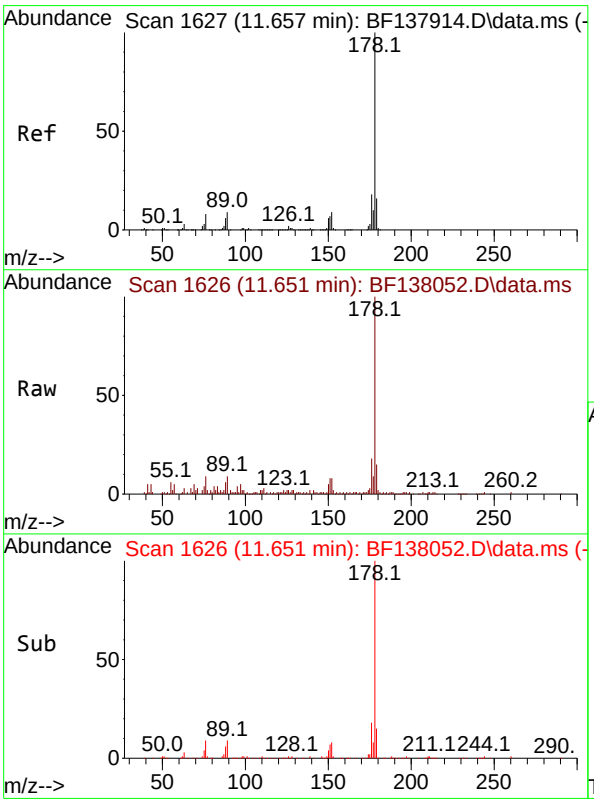
#71
Phenanthrene
Concen: 12.841 ng
RT: 11.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:178 Resp: 174700

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.2	12.2	18.4

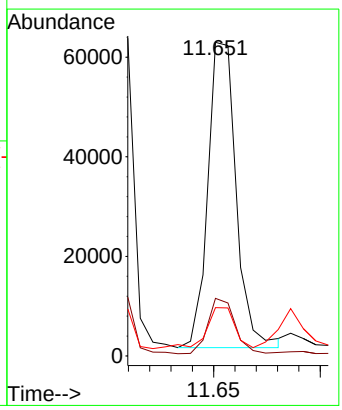


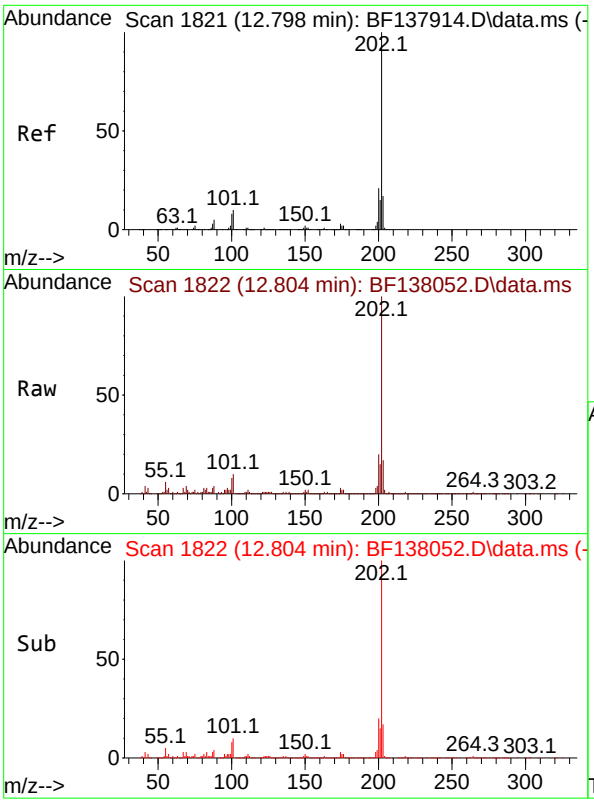


#72
Anthracene
Concen: 4.204 ng
RT: 11.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:178 Resp: 56748

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.4	12.4	18.6



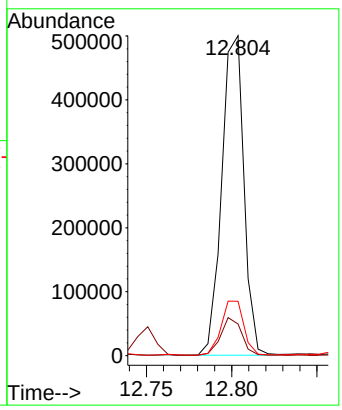


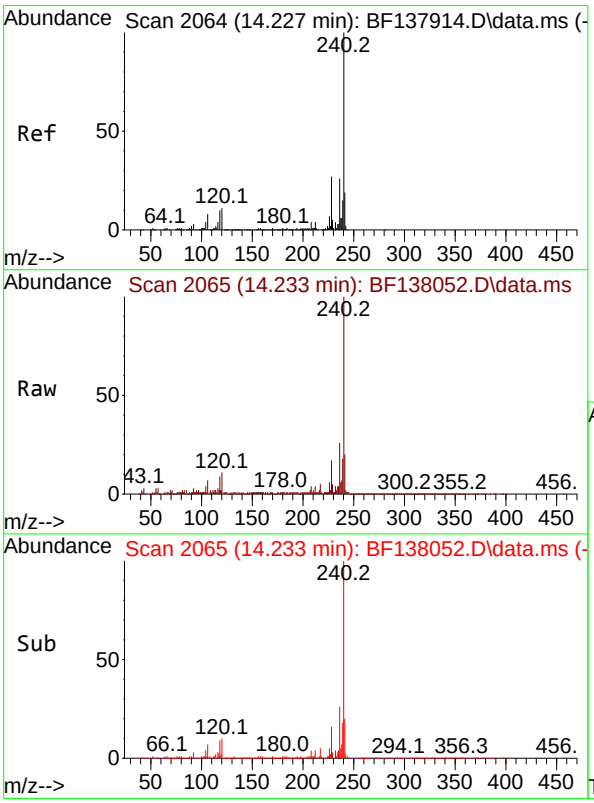
#75
Fluoranthene
Concen: 32.799 ng
RT: 12.804 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:202 Resp: 452920

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.5
203	17.0	0.0	37.3

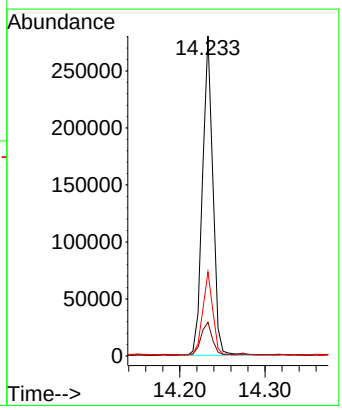


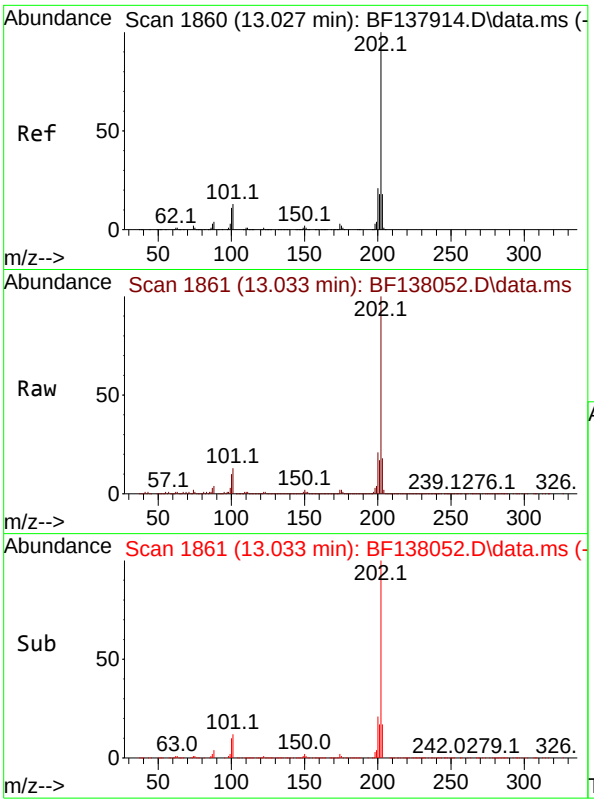


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:240 Resp: 237933

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.3	21.0	31.4



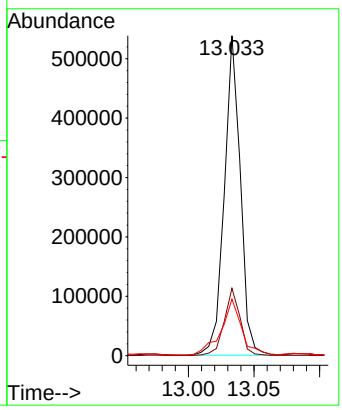


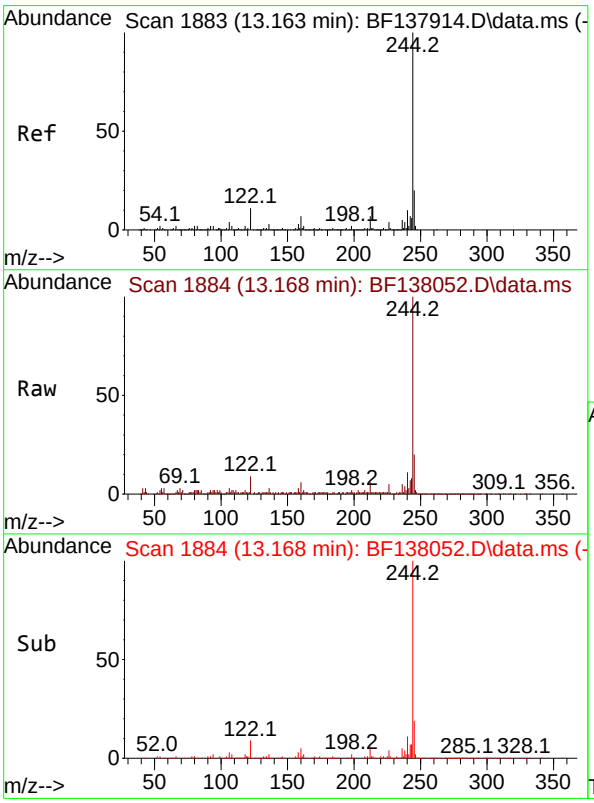
#78
Pyrene
Concen: 21.928 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:202 Resp: 456337

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.7	14.1	21.1

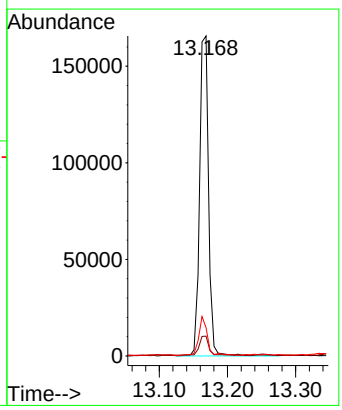


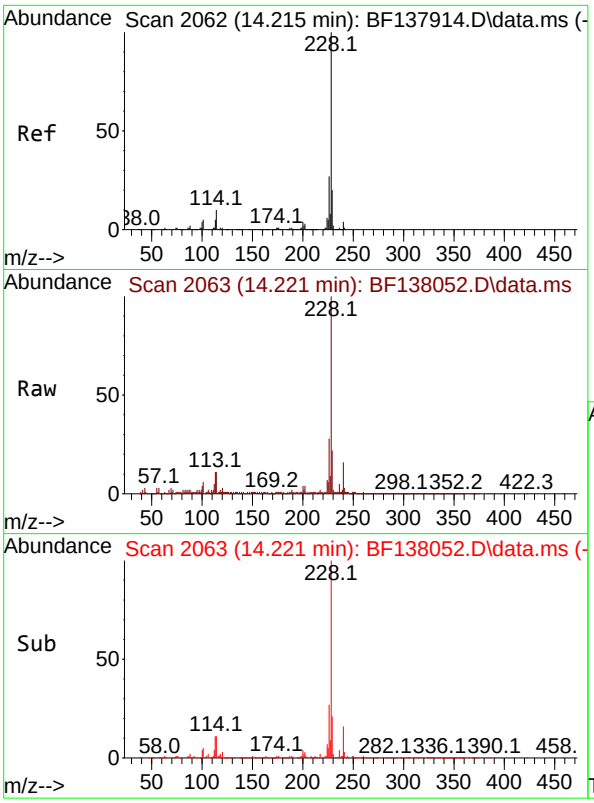


#79
Terphenyl-d14
Concen: 9.399 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:244 Resp: 151739

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	8.8	8.8	13.2



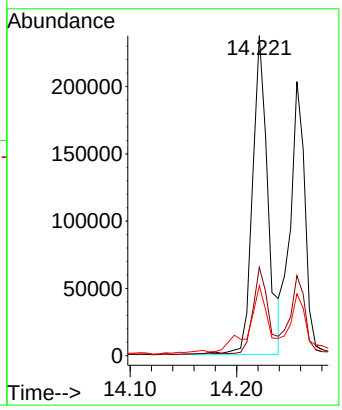


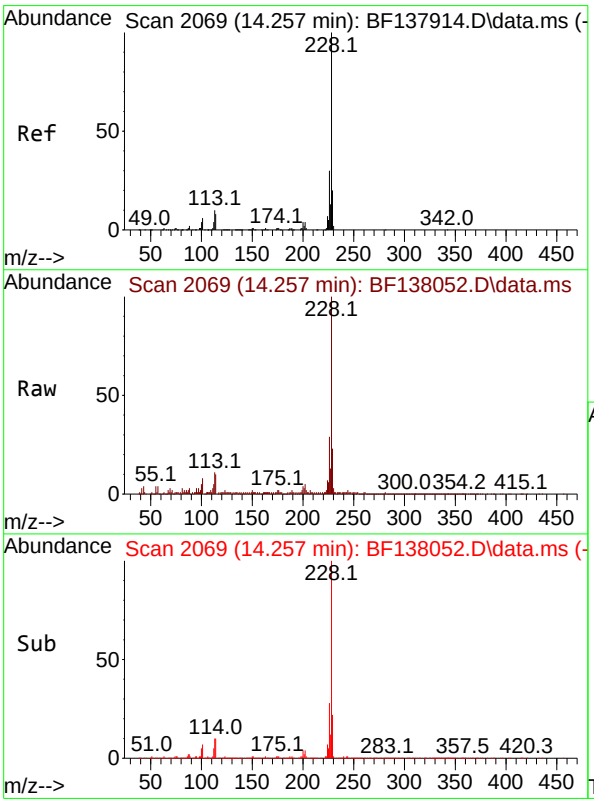
#81
Benzo(a)anthracene
Concen: 15.657 ng
RT: 14.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:228 Resp: 235688

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	21.8	15.7	23.5

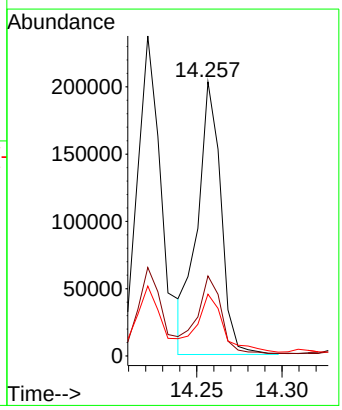


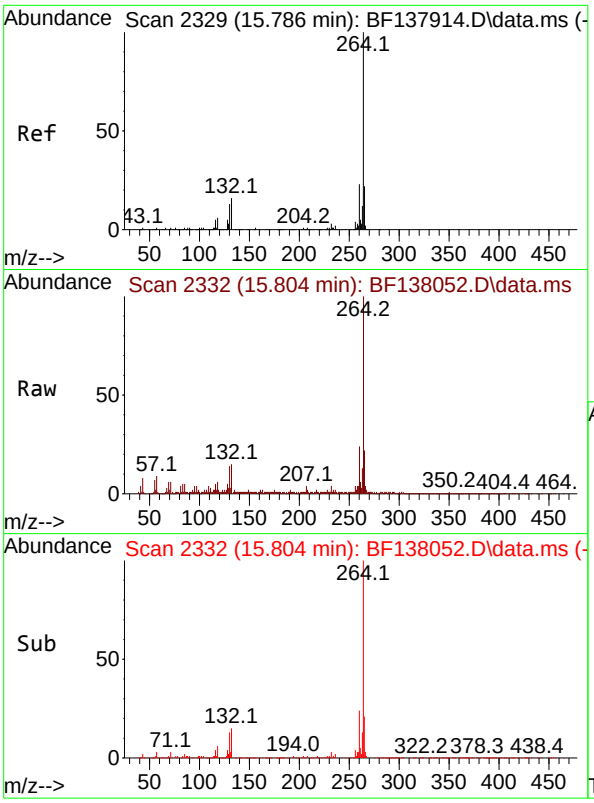


#83
Chrysene
Concen: 13.549 ng
RT: 14.257 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:228 Resp: 195060

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	22.6	15.6	23.4



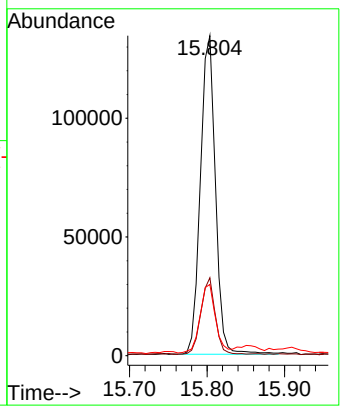


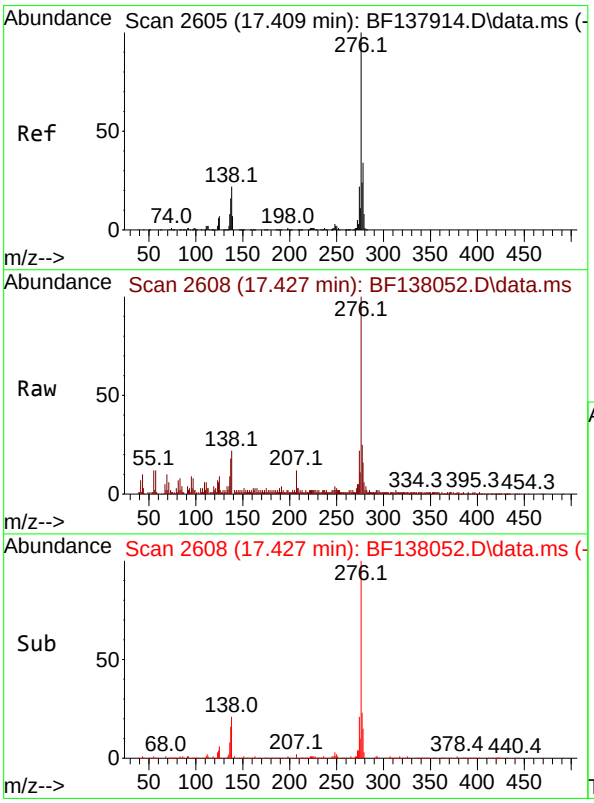
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.804 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:264 Resp: 181163

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.3	17.6	26.4

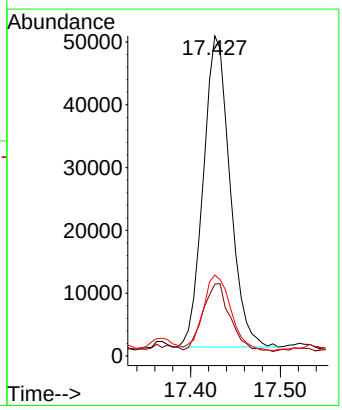


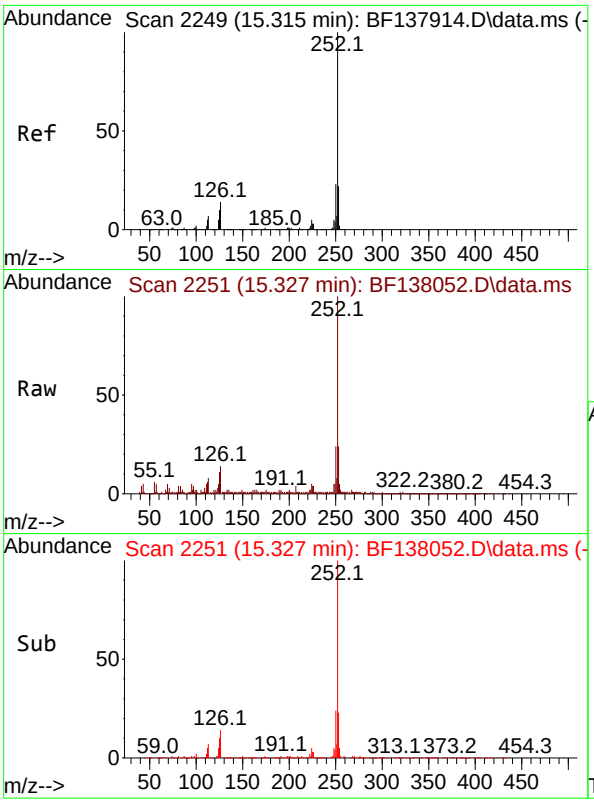


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.785 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:276 Resp: 102247

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.6	30.8
277	26.1	20.2	30.2



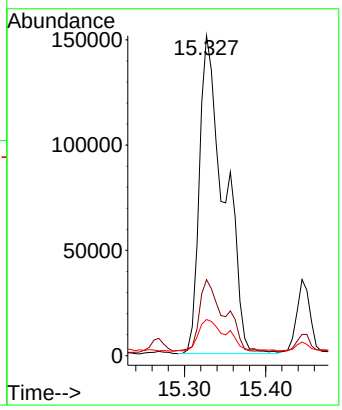


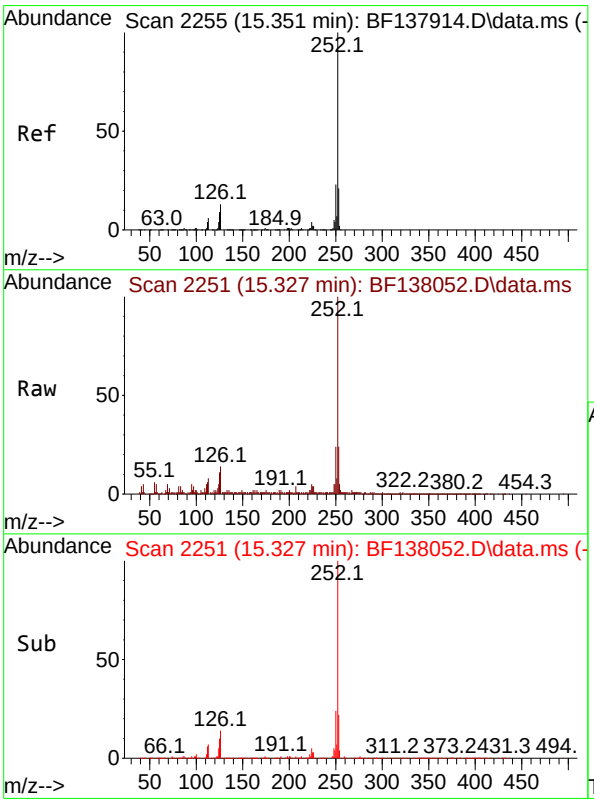
#88
Benzo(b)fluoranthene
Concen: 30.562 ng
RT: 15.327 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:252 Resp: 320582

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	11.3	8.2	12.4

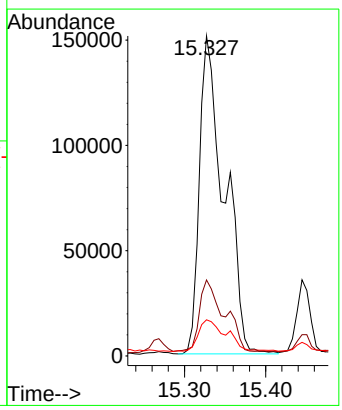


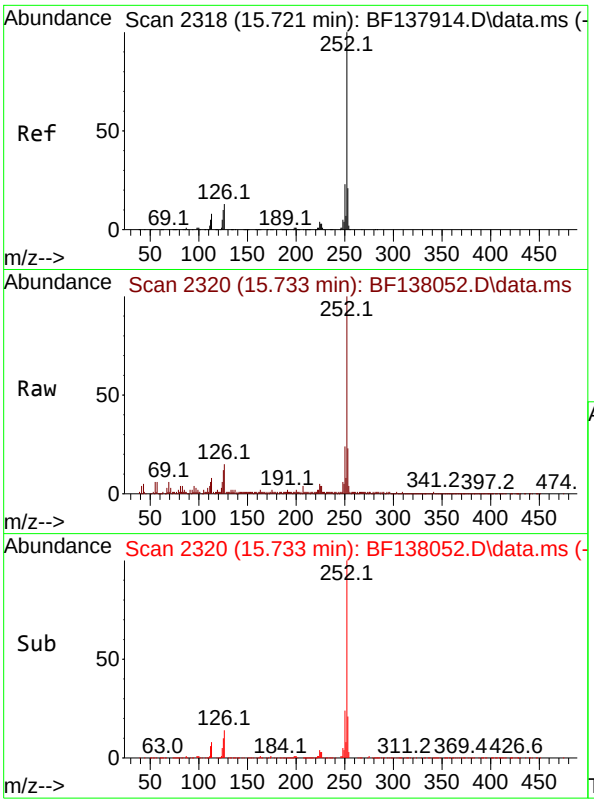


#89
Benzo(k)fluoranthene
Concen: 31.110 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.024 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:252 Resp: 320582

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	11.3	7.7	11.5



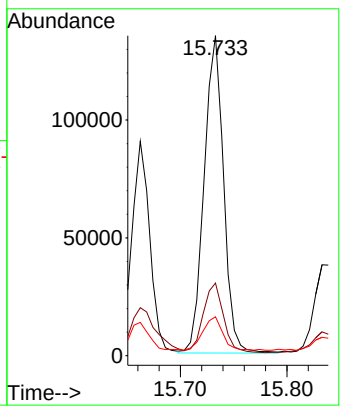


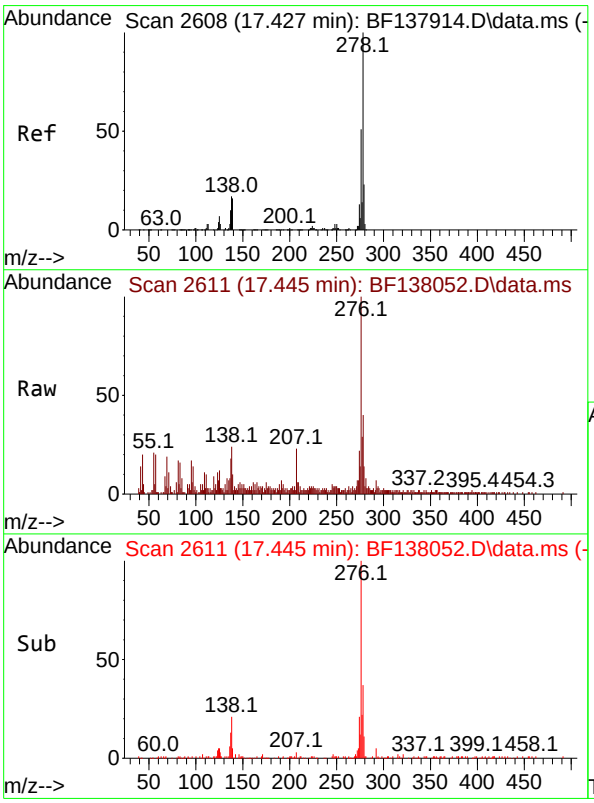
#90
Benzo(a)pyrene
Concen: 19.129 ng
RT: 15.733 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:252 Resp: 171342

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	12.2	7.8	11.8#

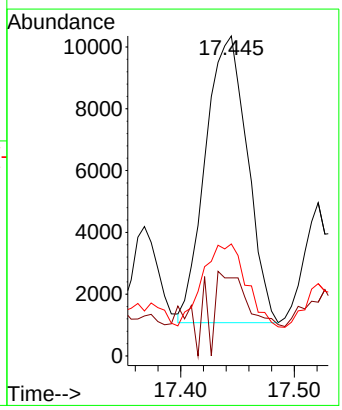


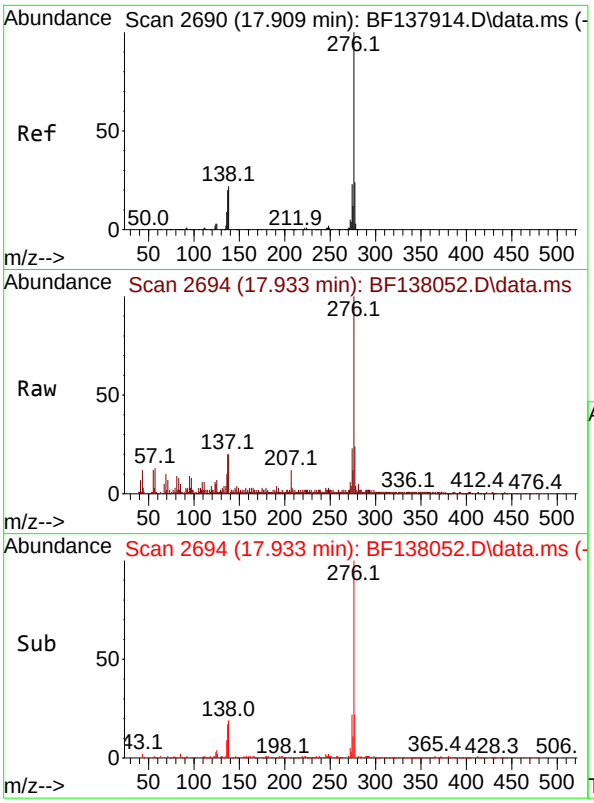


#91
Dibenzo(a,h)anthracene
Concen: 2.471 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.018 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Tgt Ion:278 Resp: 23760

Ion	Ratio	Lower	Upper
278	100		
139	24.4	13.1	19.7#
279	35.0	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 10.357 ng
RT: 17.933 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF138052.D
Acq: 28 May 2024 17:37

Instrument :
BNA_F
ClientSampleId :
TR-06-052424

Tgt Ion:276 Resp: 104627

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	20.2	17.6	26.4