Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138791.D
Acq On : 05 Aug 2024 18:09
Operator : RC/JU
Sample : P3448-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5

Quant Time: Aug 05 18:43:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	43835	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	155612	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	67811	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	102051	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	62074	20.000	ng	0.01
86) Perylene-d12	15.480	264	53133	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	295624	104.104	ng	0.01
7) Phenol-d6	6.487	99	379239	99.470	ng	0.00
23) Nitrobenzene-d5	7.410	82	235654	74.040	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	54208	97.591	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	347901	77.085	ng	0.00
79) Terphenyl-d14	12.957	244	269115	72.586	ng	0.01
Target Compounds						Qvalue
25) Isophorone	7.410	82	232490	42.778	ng	# 67
66) n-Nitrosodiphenylamine	10.539	169	17382	5.449	ng	# 46
71) Phenanthrene	11.392	178	55131	10.492	ng	# 89
75) Fluoranthene	12.586	202	62752	12.792	ng	95
78) Pyrene	12.586	202	62752	10.737	ng	96
81) Benzo(a)anthracene	14.004	228	23647	5.532	ng	# 78
83) Chrysene	14.039	228	25160	6.524	ng	# 81
88) Benzo(b)fluoranthene	15.051	252	25396	7.710	ng	# 78
89) Benzo(k)fluoranthene	15.051	252	25396	8.905	ng	# 78
90) Benzo(a)pyrene	15.416	252	12768	4.609	ng	# 74
92) Benzo(g,h,i)perylene	17.398	276	7079	2.183	ng	# 93

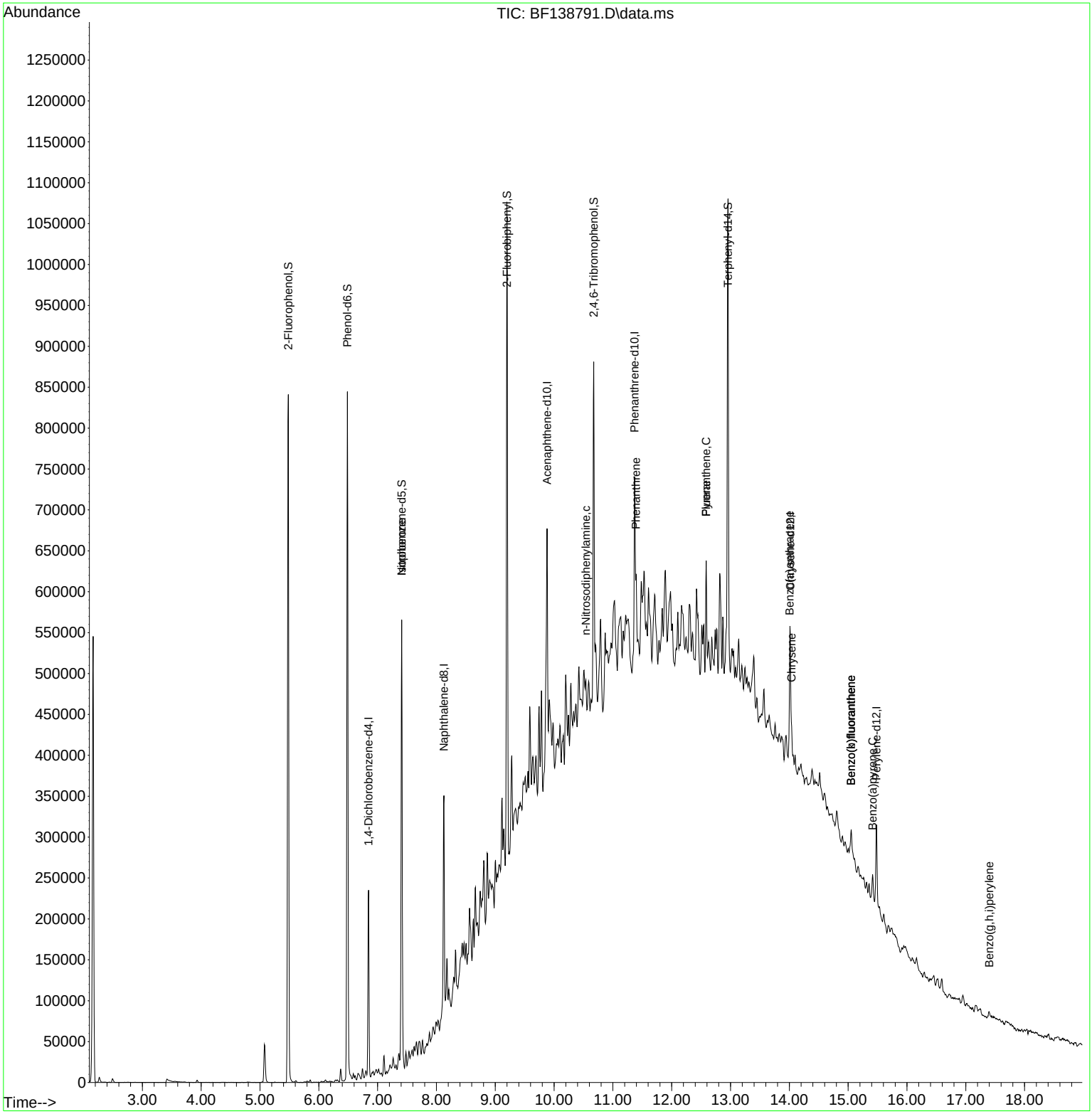
(#) = qualifier out of range (m) = manual integration (+) = signals summed

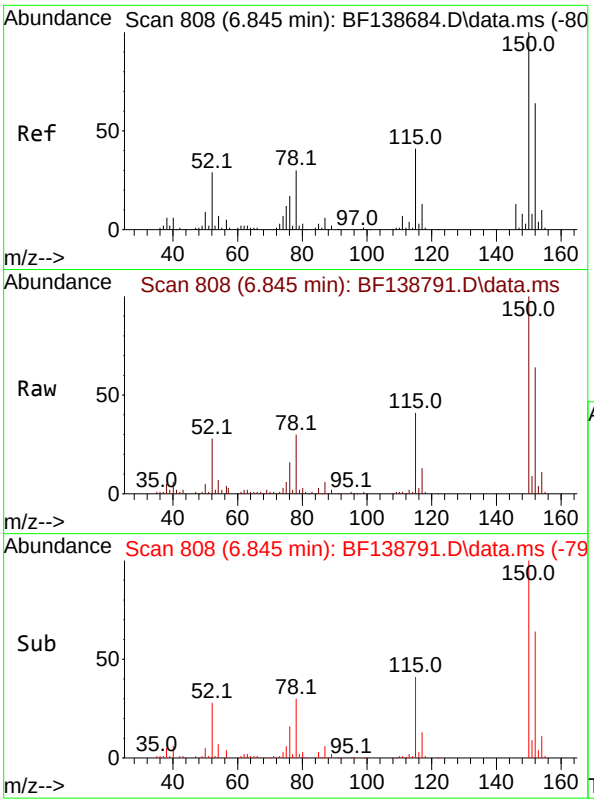
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138791.D
Acq On : 05 Aug 2024 18:09
Operator : RC/JU
Sample : P3448-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP5

Quant Time: Aug 05 18:43:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



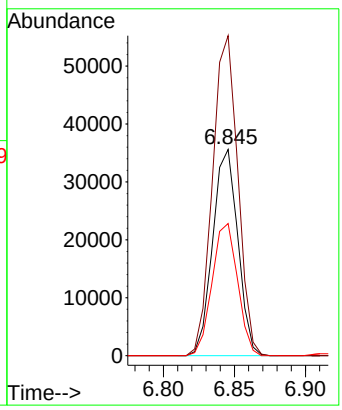


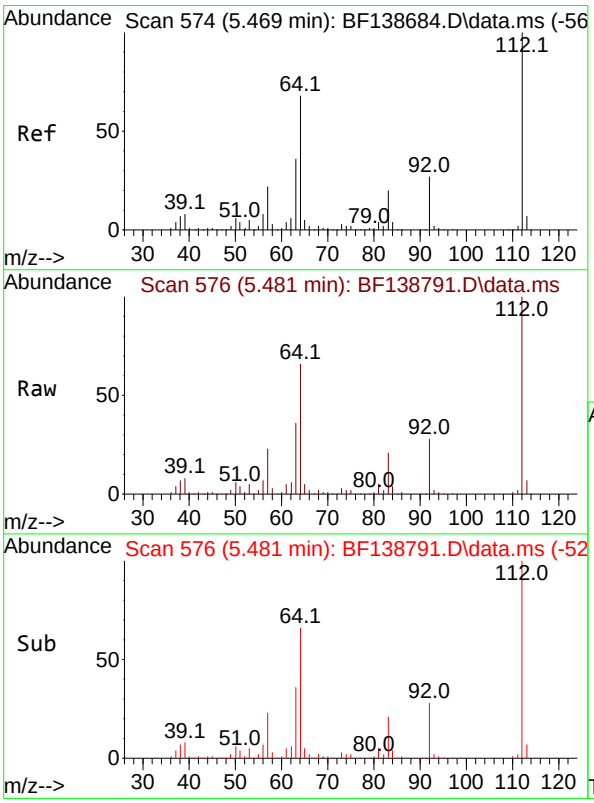
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:152 Resp: 43835

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.0	189.0
115	64.1	51.7	77.5

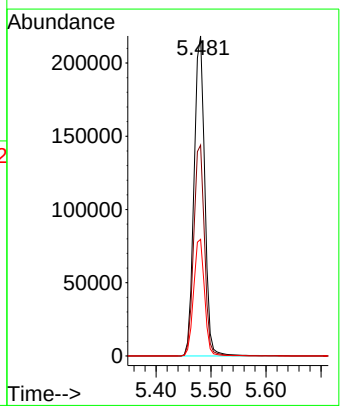


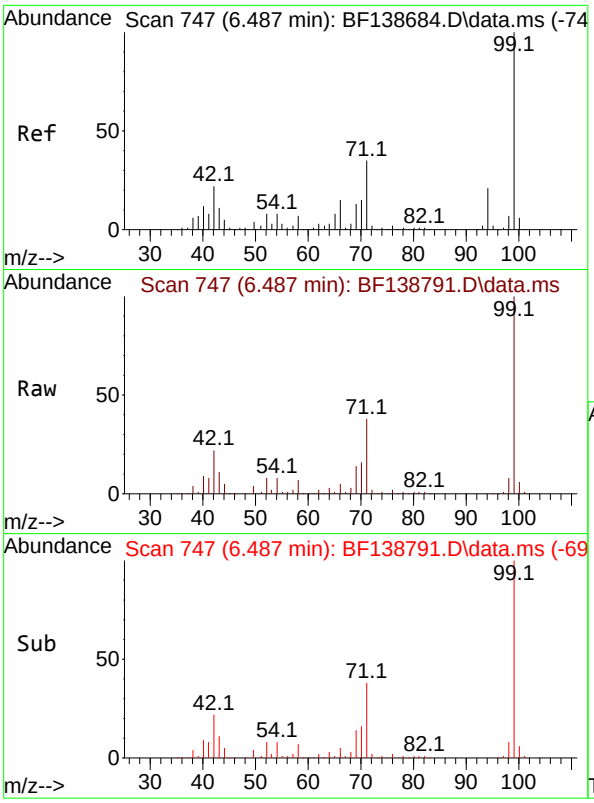


#5
2-Fluorophenol
Concen: 104.104 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:112 Resp: 295624

Ion	Ratio	Lower	Upper
112	100		
64	65.9	54.2	81.4
63	36.5	28.7	43.1



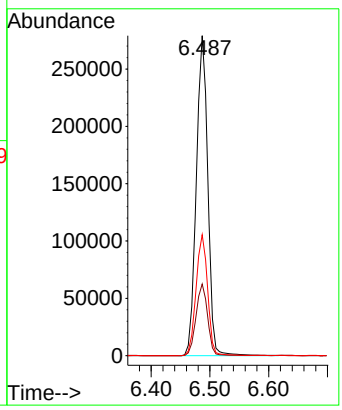


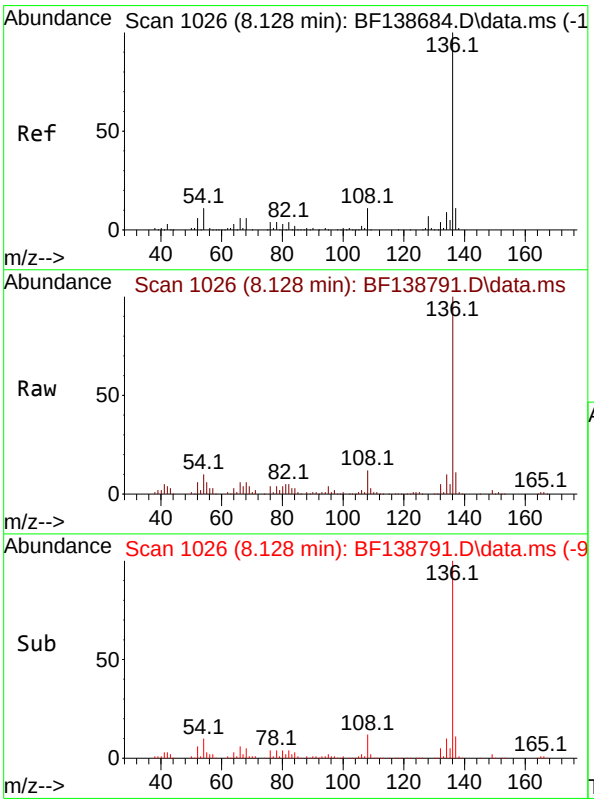
#7
Phenol-d6
Concen: 99.470 ng
RT: 6.487 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion: 99 Resp: 379239

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.4	26.0
71	37.8	28.1	42.1

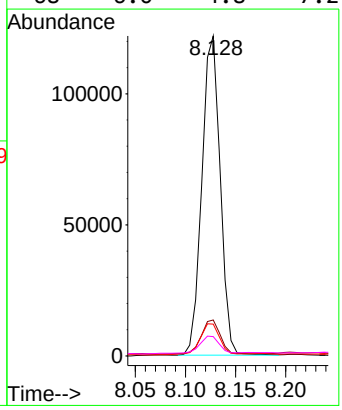


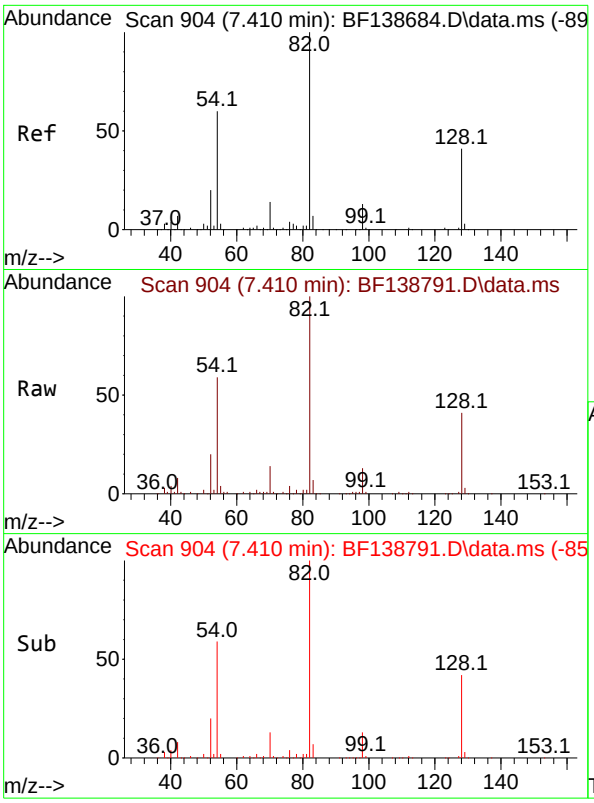


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:136 Resp: 155612

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.0	8.6	12.8
68	6.0	4.8	7.2



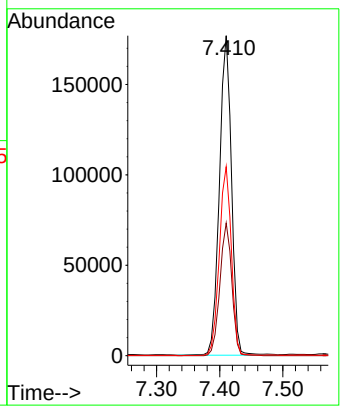


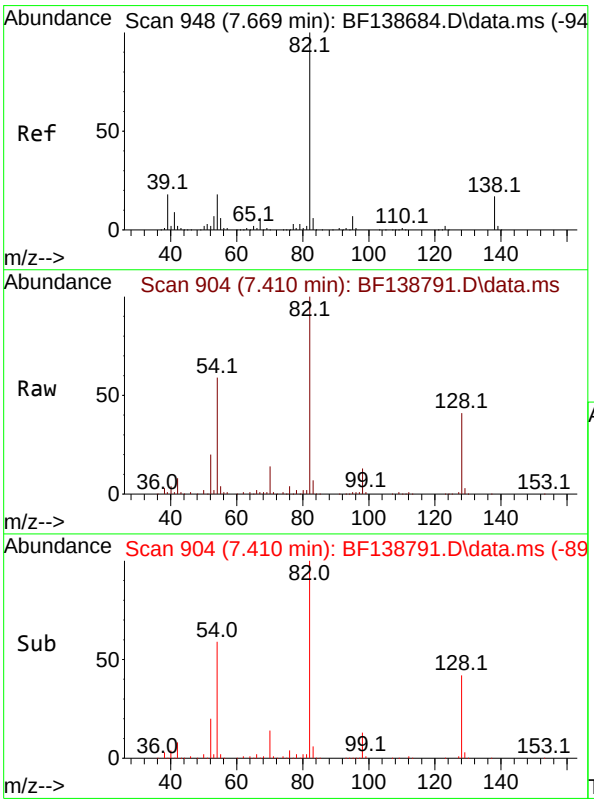
#23
Nitrobenzene-d5
Concen: 74.040 ng
RT: 7.410 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion: 82 Resp: 235654

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.8	49.2
54	59.0	48.3	72.5

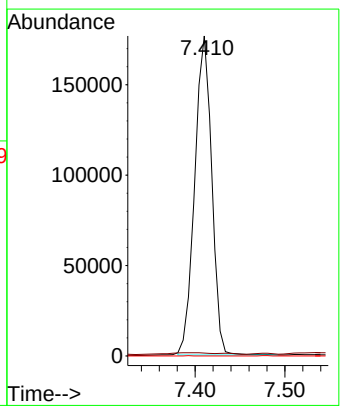


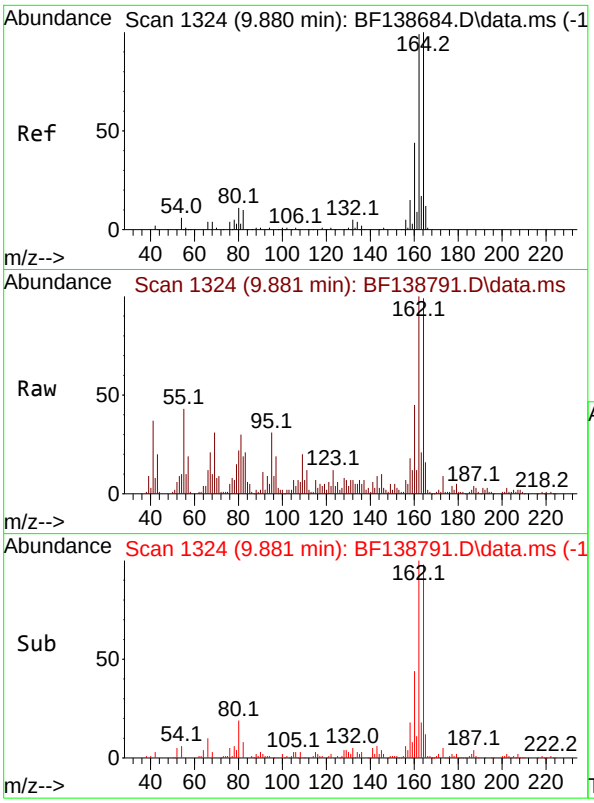


#25
Isophorone
Concen: 42.778 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 82 Resp: 232490

Ion	Ratio	Lower	Upper
82	100		
95	0.9	5.7	8.5#
138	0.0	13.7	20.5#



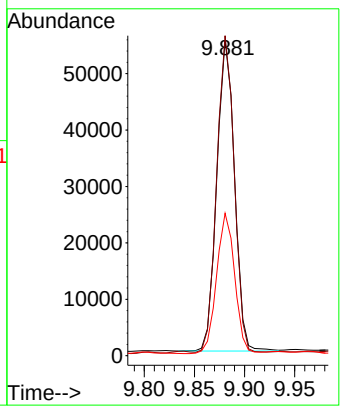


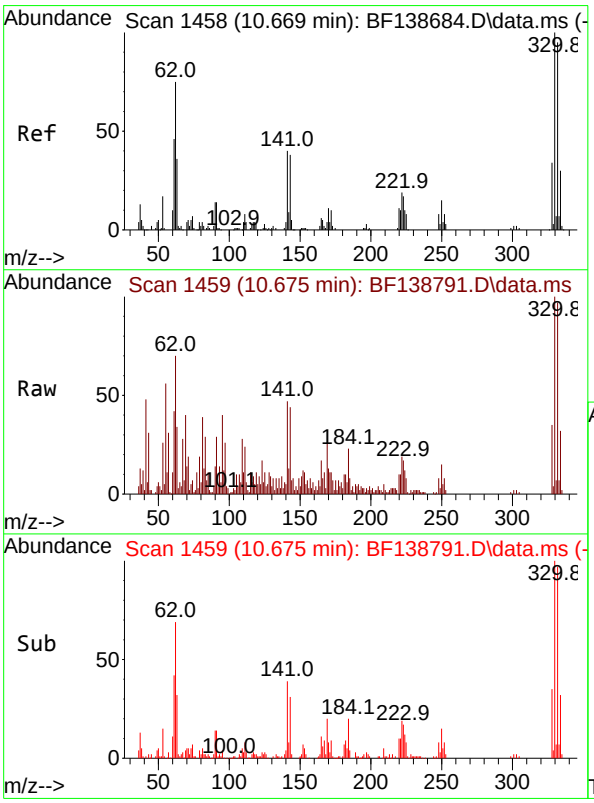
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:164 Resp: 67811

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.4	119.0
160	45.1	35.1	52.7

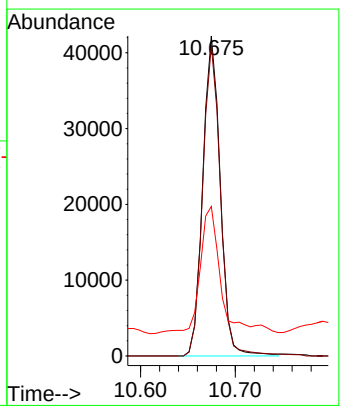


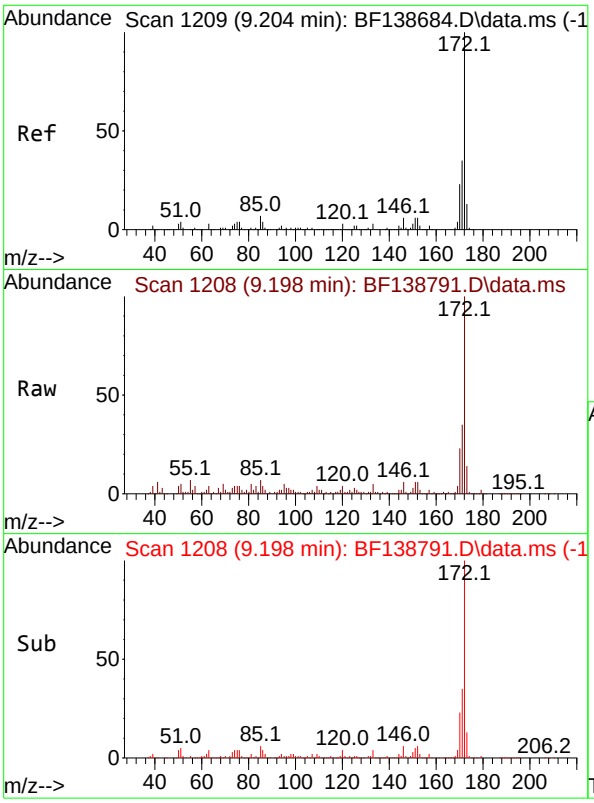


#42
2,4,6-Tribromophenol
Concen: 97.591 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:330 Resp: 54208

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.4	114.6
141	45.0	31.1	46.7



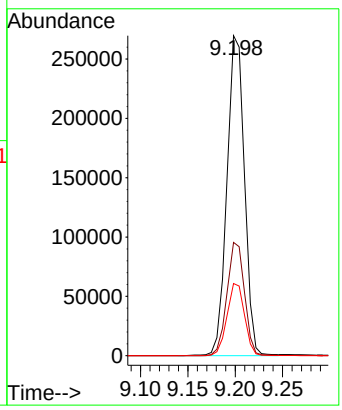


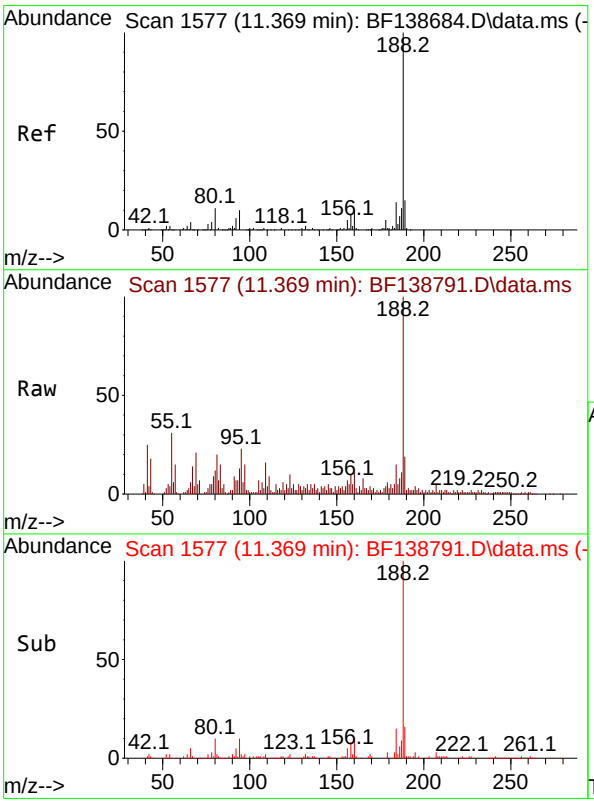
#45
2-Fluorobiphenyl
Concen: 77.085 ng
RT: 9.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:172 Resp: 347901

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	22.6	18.8	28.2

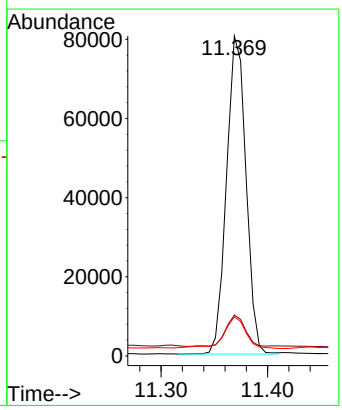


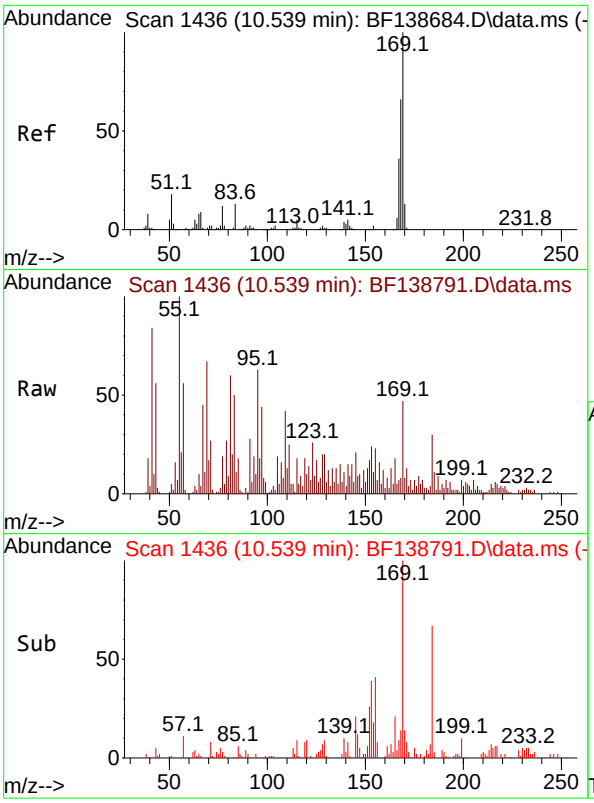


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:188 Resp: 102051

Ion	Ratio	Lower	Upper
188	100		
94	12.8	7.6	11.4#
80	12.2	8.6	12.8



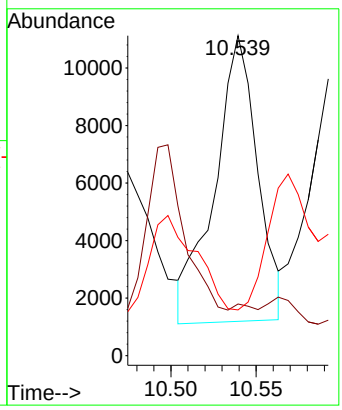


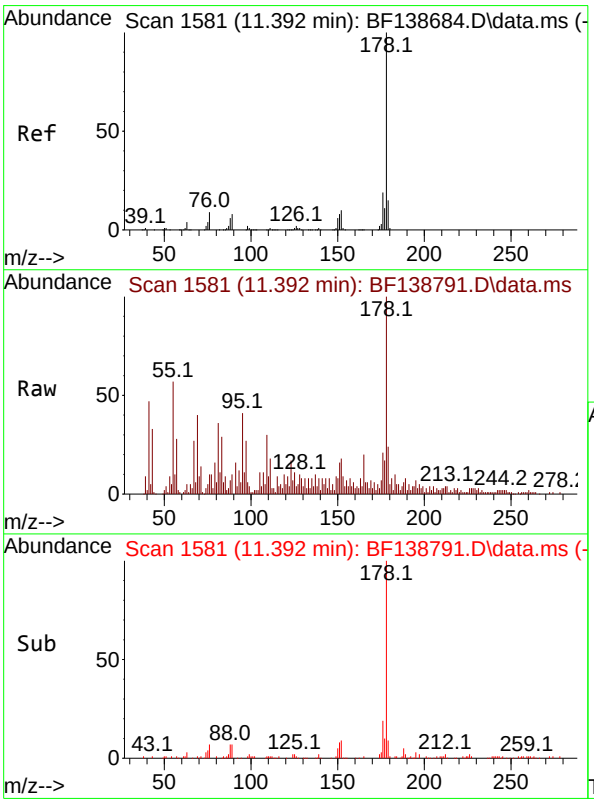
#66
n-Nitrosodiphenylamine
Concen: 5.449 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:169 Resp: 17382

Ion	Ratio	Lower	Upper
169	100		
168	16.1	53.0	79.6#
167	14.3	29.0	43.6#

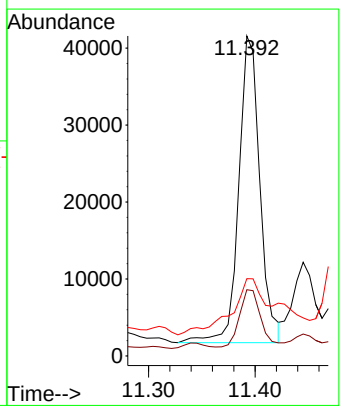


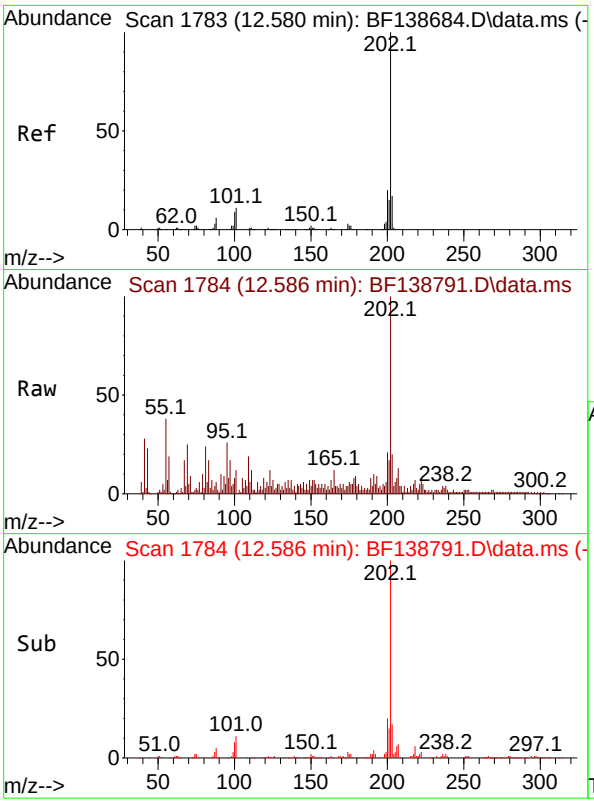


#71
Phenanthrene
Concen: 10.492 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:178 Resp: 55131

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.0
179	24.2	12.2	18.2#



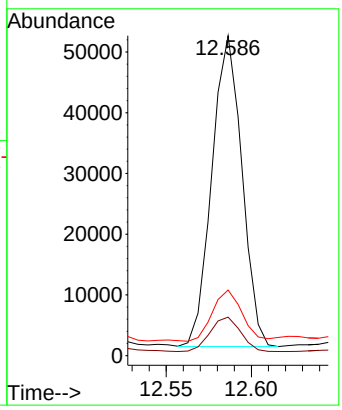


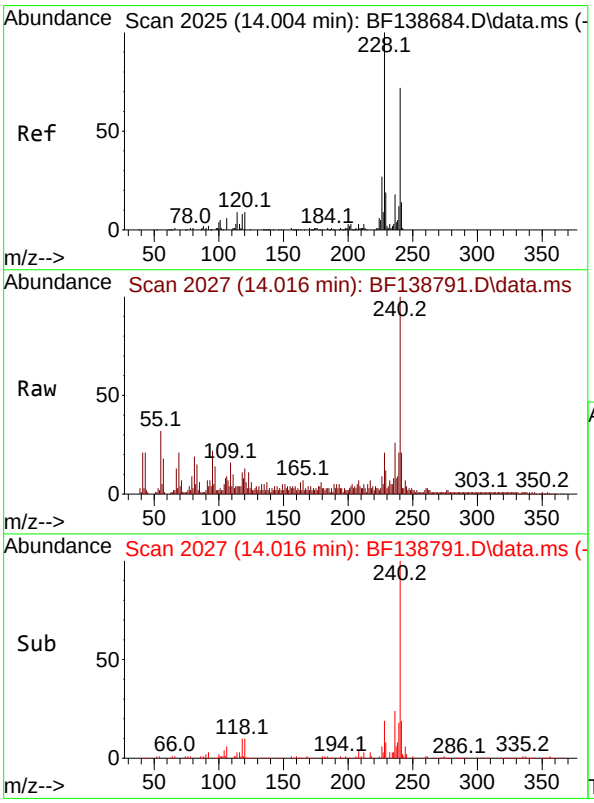
#75
Fluoranthene
Concen: 12.792 ng
RT: 12.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:202 Resp: 62752

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
203	20.5	0.0	37.3

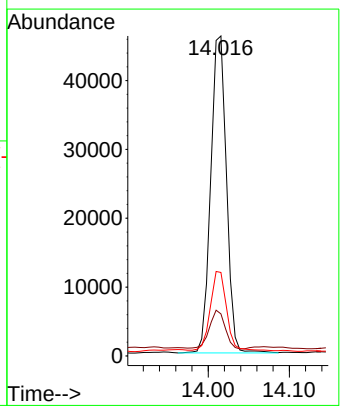


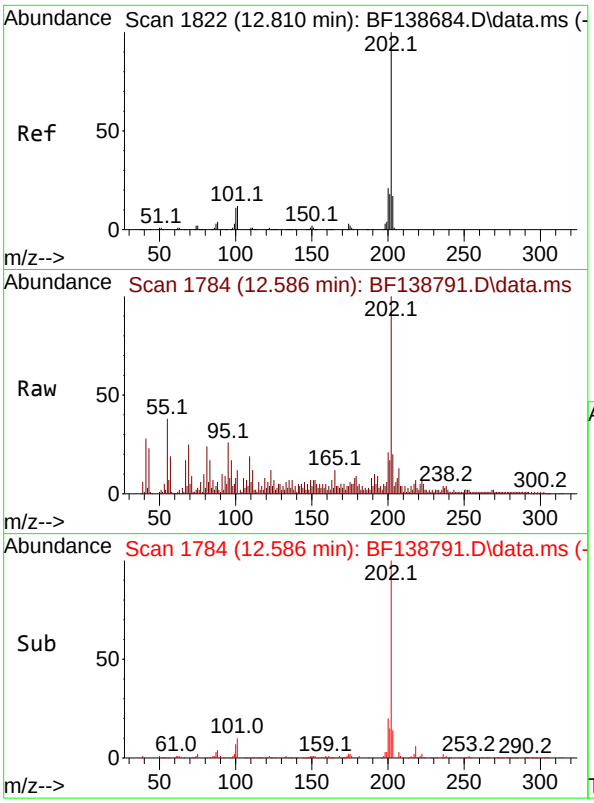


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:240 Resp: 62074

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.2	15.4
236	26.1	19.8	29.8



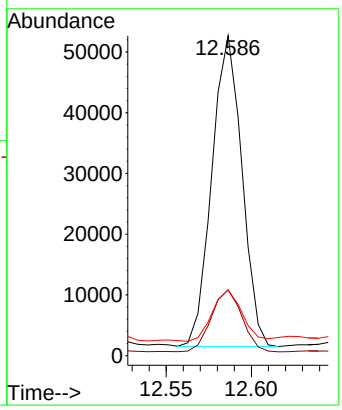


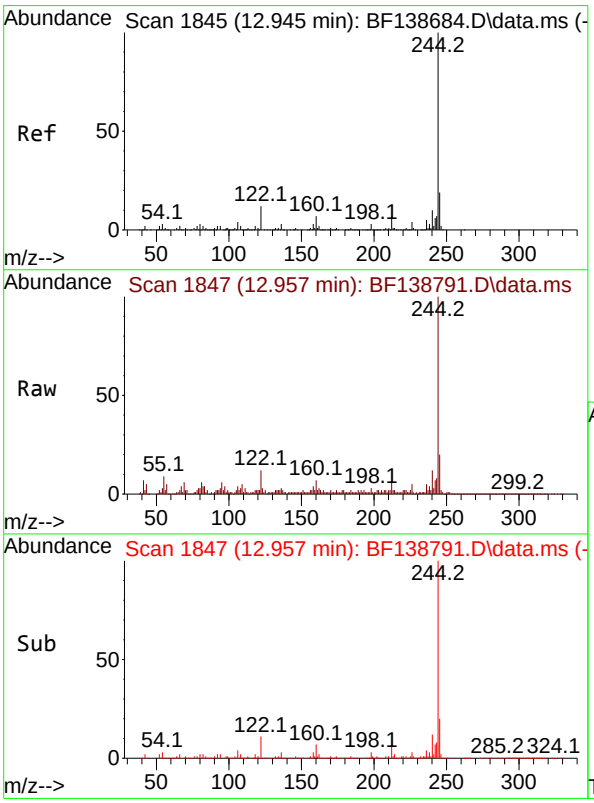
#78
Pyrene
Concen: 10.737 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.223 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:202 Resp: 62752

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	20.5	13.8	20.6

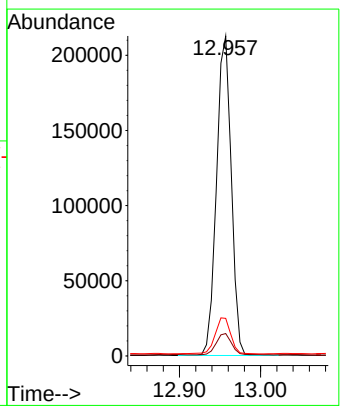


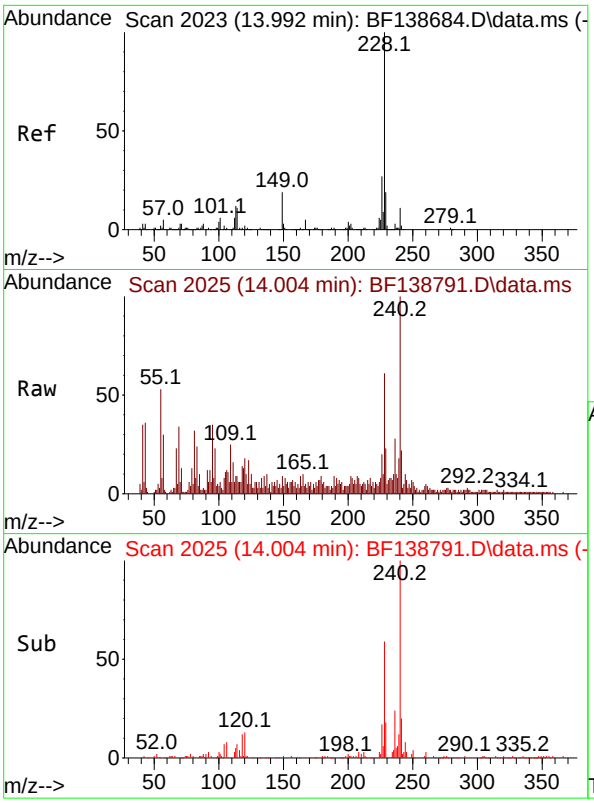


#79
Terphenyl-d14
Concen: 72.586 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.012 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:244 Resp: 269115

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.8	9.6	14.4



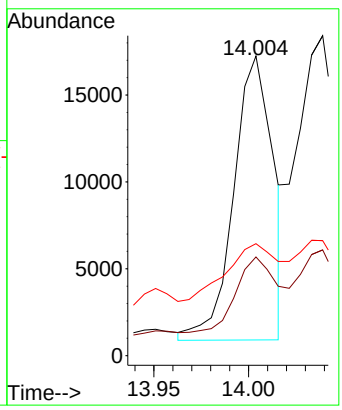


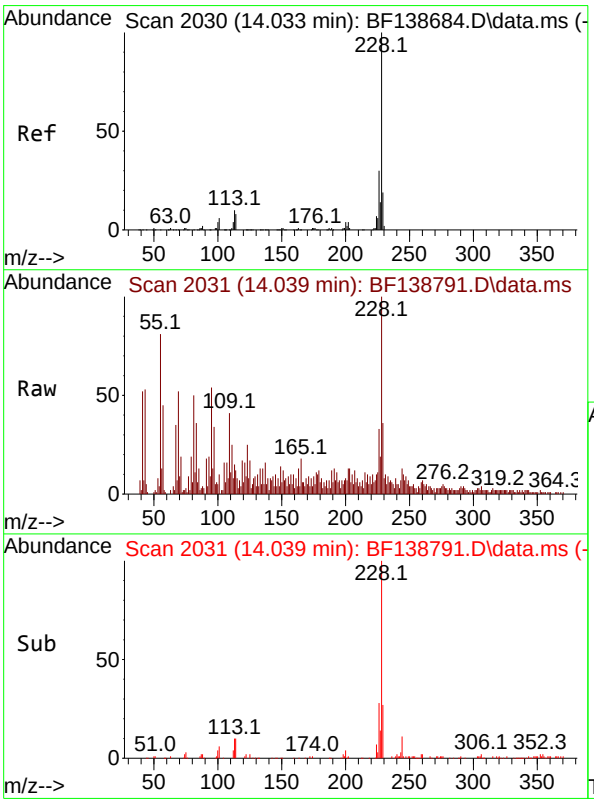
#81
Benzo(a)anthracene
Concen: 5.532 ng
RT: 14.004 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:228 Resp: 23647

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.1	33.1
229	37.4	15.4	23.0#

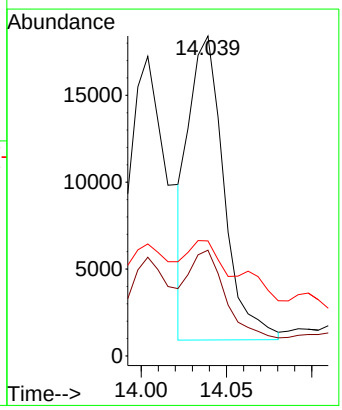


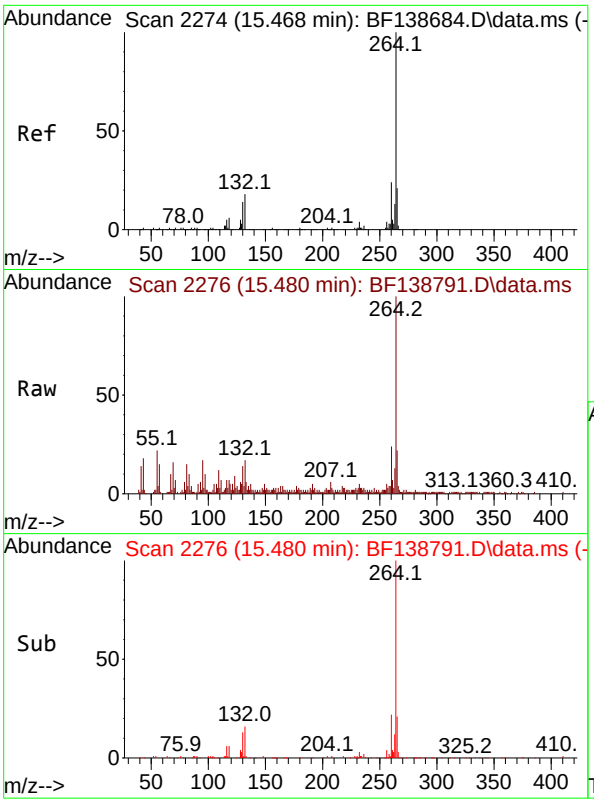


#83
Chrysene
Concen: 6.524 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:228 Resp: 25160

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.7	35.5
229	35.9	15.0	22.6#



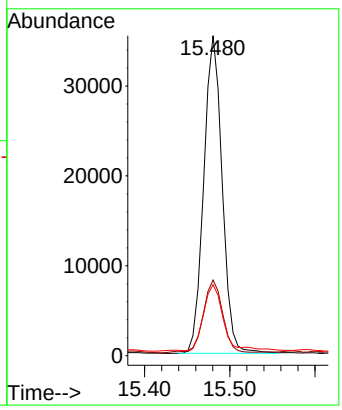


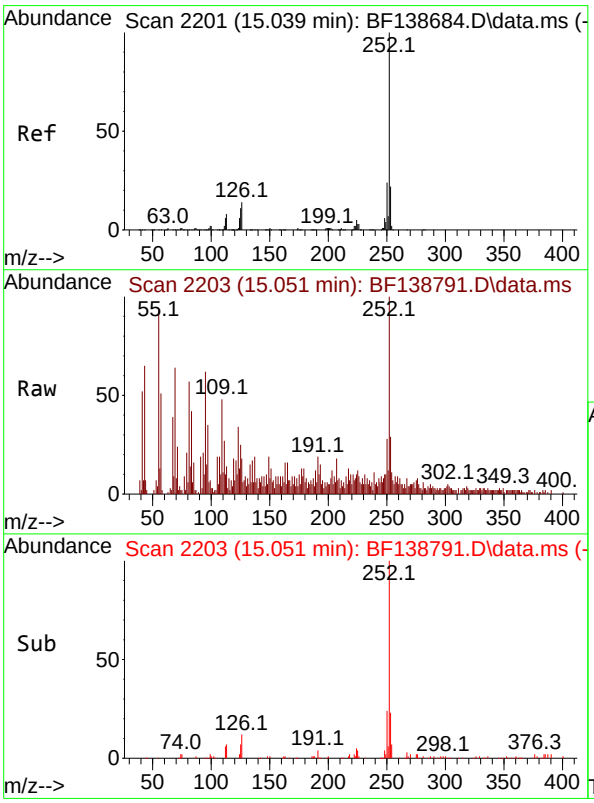
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:264 Resp: 53133

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.2	17.0	25.6

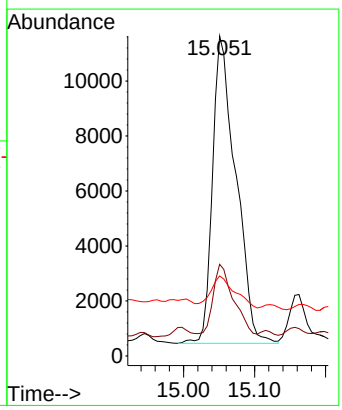


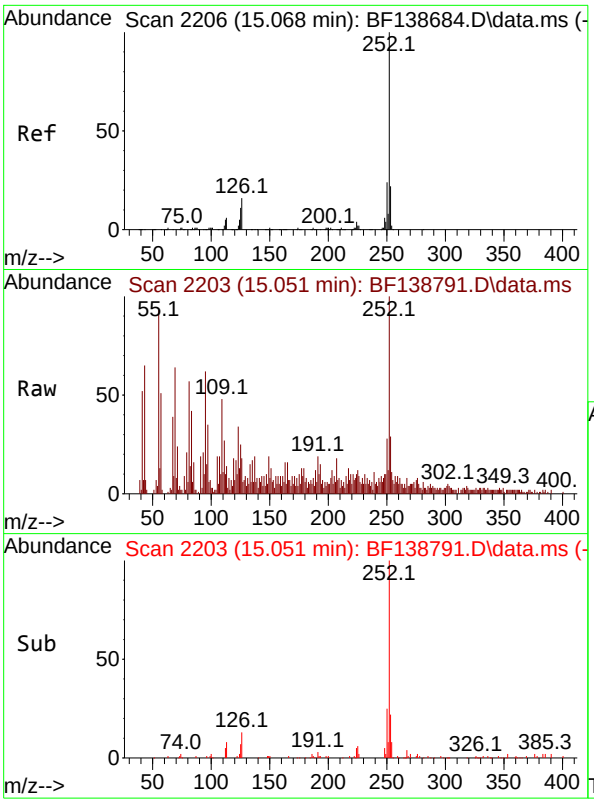


#88
Benzo(b)fluoranthene
Concen: 7.710 ng
RT: 15.051 min Scan# 2203
Delta R.T. 0.012 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:252 Resp: 25396

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.5	26.3#
125	25.0	8.9	13.3#



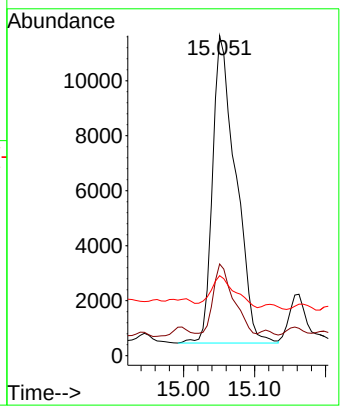


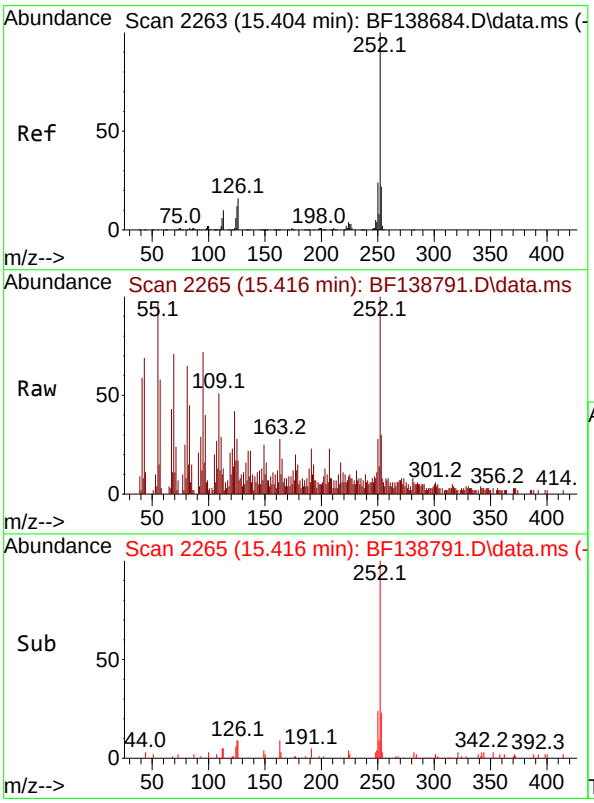
#89
Benzo(k)fluoranthene
Concen: 8.905 ng
RT: 15.051 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:252 Resp: 25396

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.4	26.0#
125	25.0	8.6	13.0#

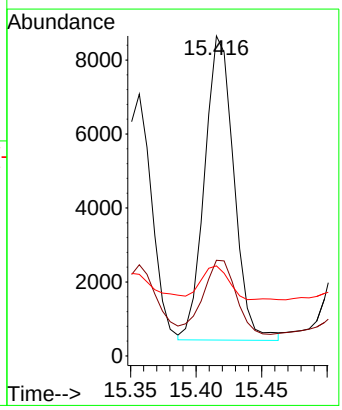


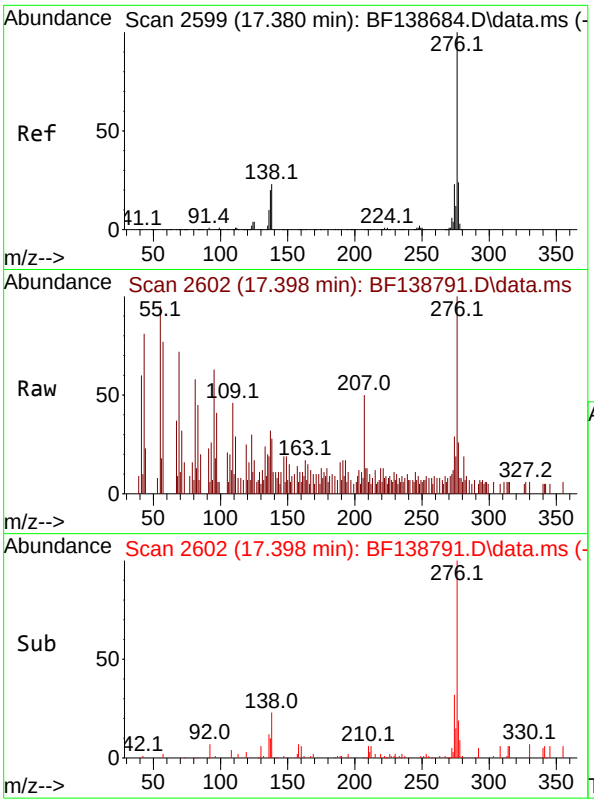


#90
Benzo(a)pyrene
Concen: 4.609 ng
RT: 15.416 min Scan# 2265
Delta R.T. 0.012 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Tgt Ion:252 Resp: 12768

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.3	25.9#
125	28.2	9.5	14.3#





#92
Benzo(g,h,i)perylene
Concen: 2.183 ng
RT: 17.398 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF138791.D
Acq: 05 Aug 2024 18:09

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion:276 Resp: 7079

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.0	28.4
138	28.3	18.5	27.7#