Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
Data File : BF138181.D
Acq On : 10 Jun 2024 19:35
Operator : CG\JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Quant Time: Jun 11 02:06:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	371351	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	1360026	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	655871	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	1052383	20.000	ng	#-0.02
76) Chrysene-d12	14.057	240	716173	20.000	ng	-0.01
86) Perylene-d12	15.539	264	559324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	957834	43.958	ng	-0.02
7) Phenol-d6	6.516	99	1209323	43.865	ng	-0.02
23) Nitrobenzene-d5	7.451	82	602588	30.145	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	224891	35.630	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1215579	32.407	ng	-0.02
79) Terphenyl-d14	13.004	244	1156461	24.153	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	623	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.451	70	80640	4.587	ng	# 83
25) Isophorone	7.451	82	602477	13.681	ng	# 63
26) 2-Nitrophenol	7.986	139	269	5.083	ng	# 1
32) Benzoic acid	7.951	122	396	7.971	ng	# 56
48) 2-Nitroaniline	9.504	65	917	4.887	ng	# 30
51) 2,6-Dinitrotoluene	9.933	165	90016	12.753	ng	# 26
53) 3-Nitroaniline	9.880	138	354	2.982	ng	# 28
54) 2,4-Dinitrophenol	10.151	184	82	5.969	ng	# 15
57) 2,4-Dinitrotoluene	9.933	165	90016	11.572	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.604	198	60	8.399	ng	# 1
71) Phenanthrene	11.445	178	918786	18.136	ng	96
72) Anthracene	11.492	178	268718	5.318	ng	96
75) Fluoranthene	12.633	202	1548780	28.333	ng	98
78) Pyrene	12.863	202	1851284	28.583	ng	97
81) Benzo(a)anthracene	14.045	228	744942	16.487	ng	98
83) Chrysene	14.080	228	646106	14.900	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	204375	9.707	ng	96
88) Benzo(b)fluoranthene	15.104	252	715689	20.354	ng	# 94
89) Benzo(k)fluoranthene	15.104	252	715689	21.344	ng	# 93
90) Benzo(a)pyrene	15.468	252	410978	15.433	ng	# 95
91) Dibenzo(a,h)anthracene	17.033	278	55632	5.765	ng	# 82
92) Benzo(g,h,i)perylene	17.468	276	195458	10.232	ng	97

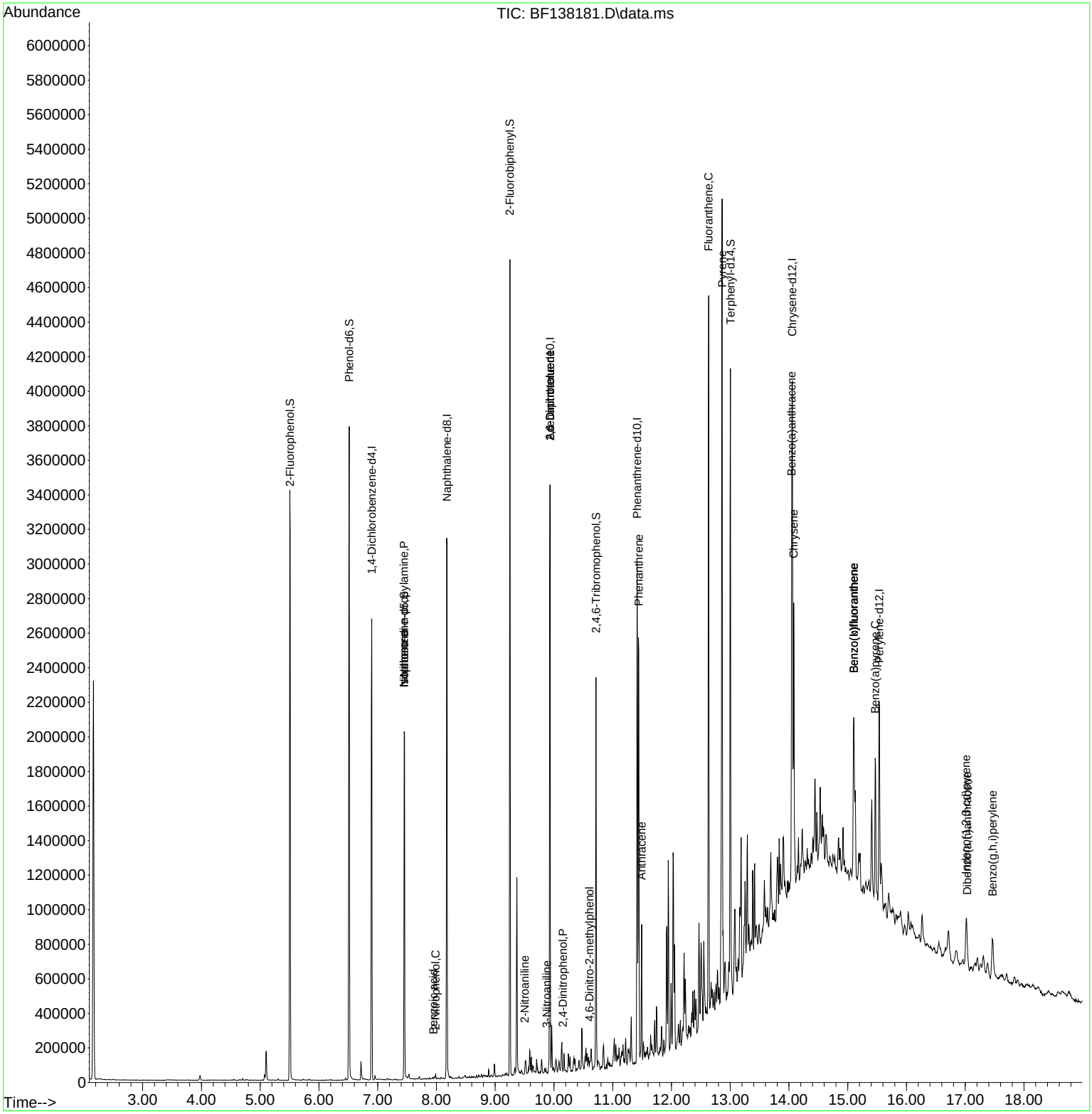
(#) = qualifier out of range (m) = manual integration (+) = signals summed

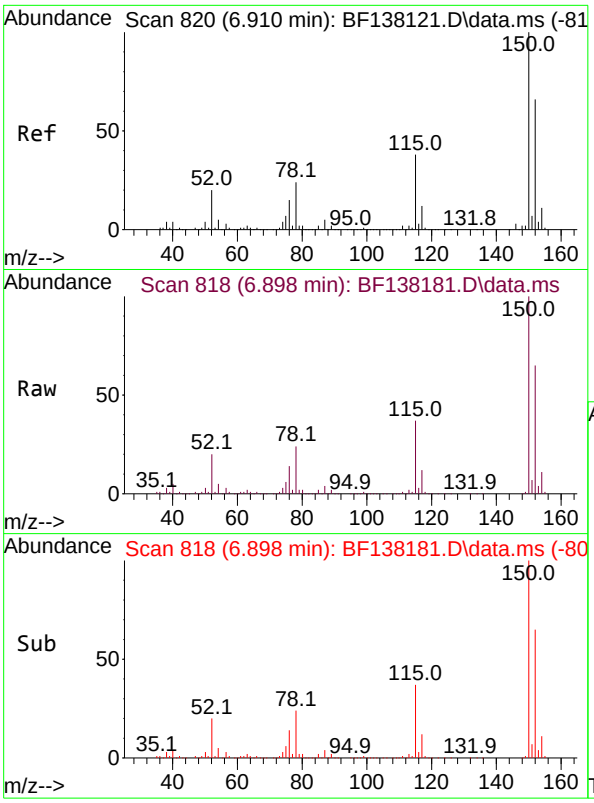
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
Data File : BF138181.D
Acq On : 10 Jun 2024 19:35
Operator : CG\JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Quant Time: Jun 11 02:06:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration



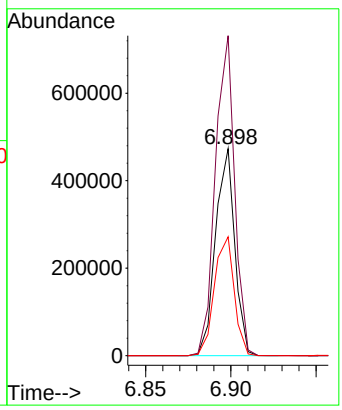


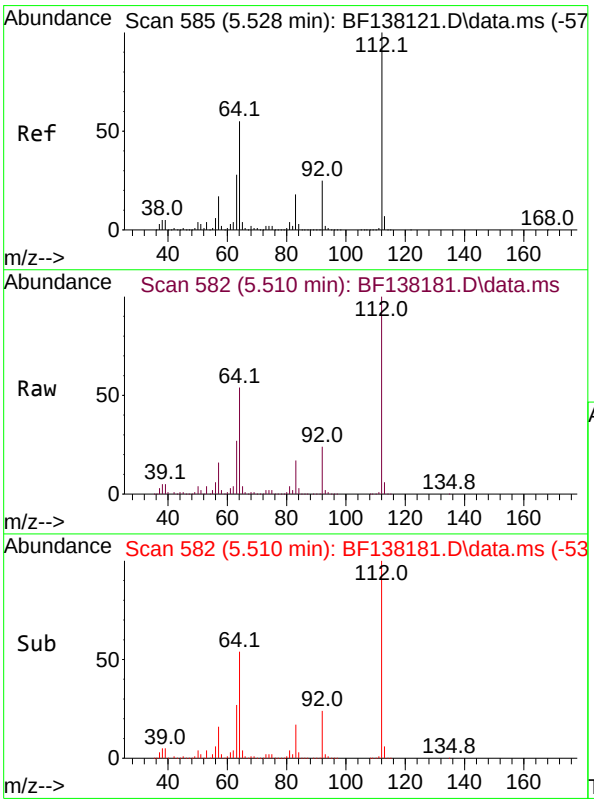
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:152 Resp: 371351

Ion	Ratio	Lower	Upper
152	100		
150	154.5	121.8	182.6
115	57.4	46.2	69.2

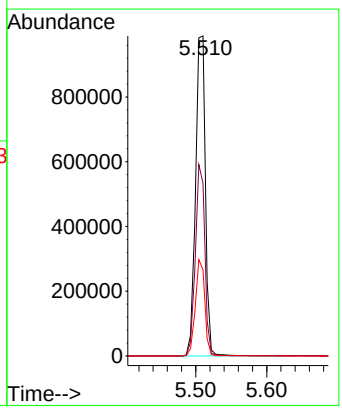


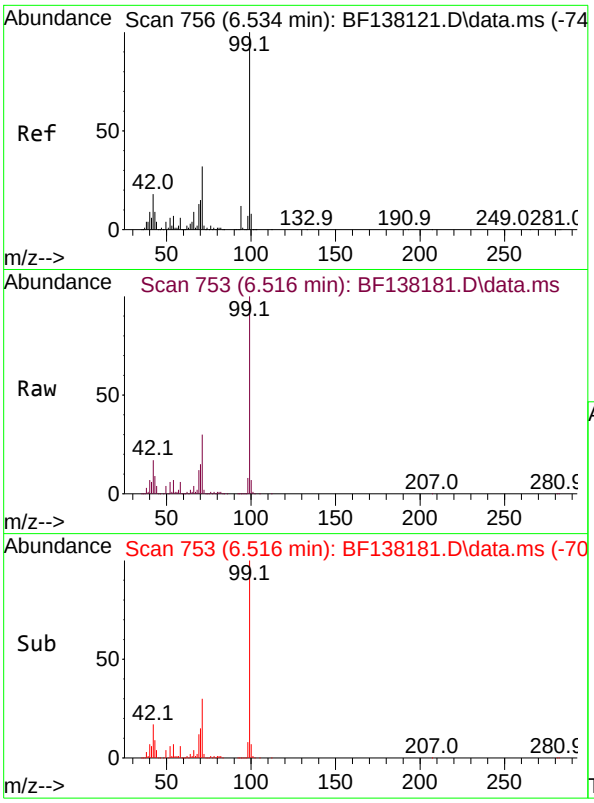


#5
2-Fluorophenol
Concen: 43.958 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:112 Resp: 957834

Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.0	66.0
63	26.9	22.1	33.1



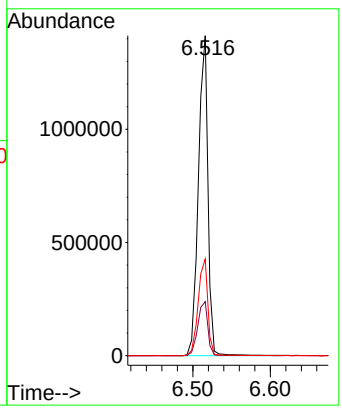


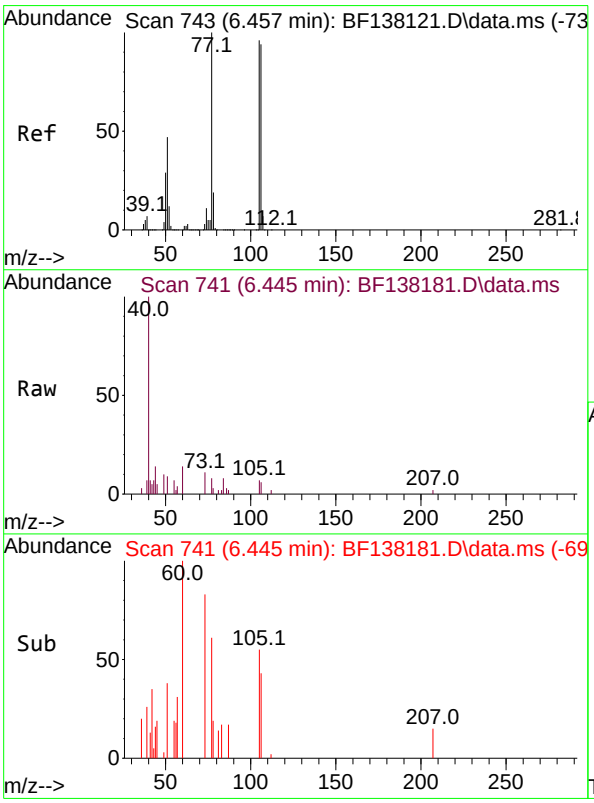
#7
Phenol-d6
Concen: 43.865 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion: 99 Resp: 1209323

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.4	21.6
71	30.2	25.5	38.3

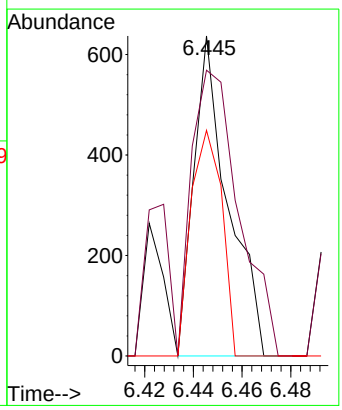


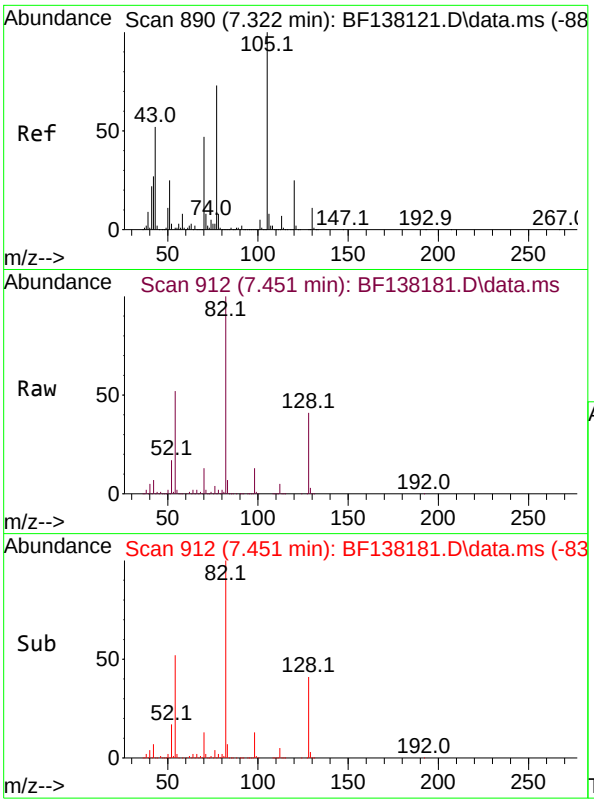


#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion: 77 Resp: 623

Ion	Ratio	Lower	Upper
77	100		
105	89.3	75.8	115.8
106	70.5	73.9	113.9#



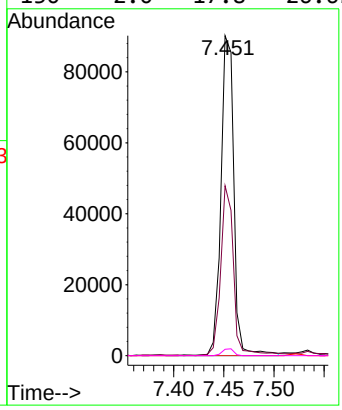


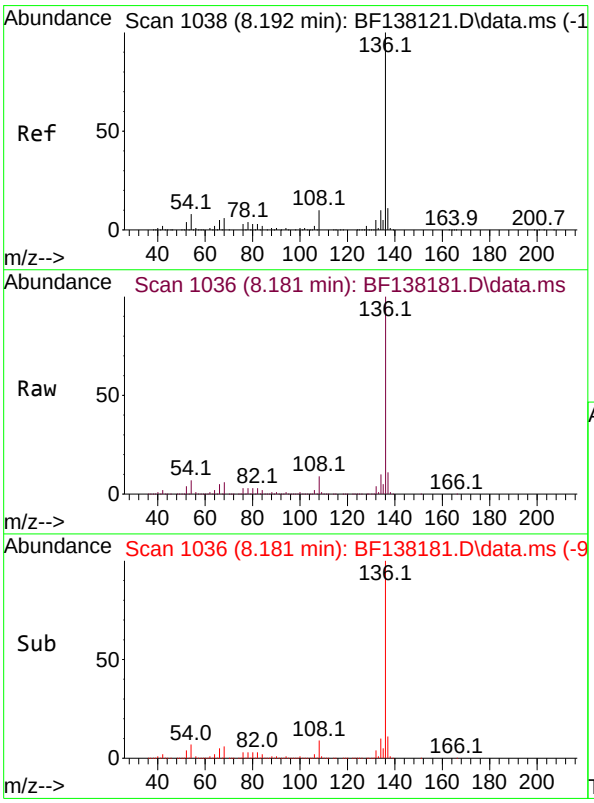
#19
n-Nitroso-di-n-propylamine
Concen: 4.587 ng
RT: 7.451 min Scan# 9
Delta R.T. 0.129 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion: 70 Resp: 80640

Ion	Ratio	Lower	Upper
70	100		
42	53.1	46.3	69.5
101	0.0	7.7	11.5#
130	2.0	17.8	26.6#

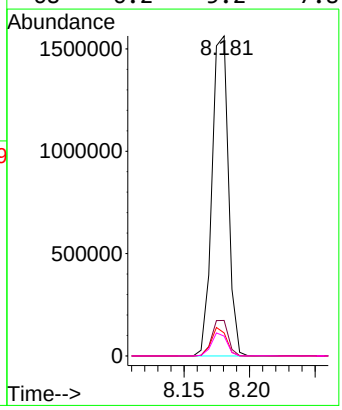


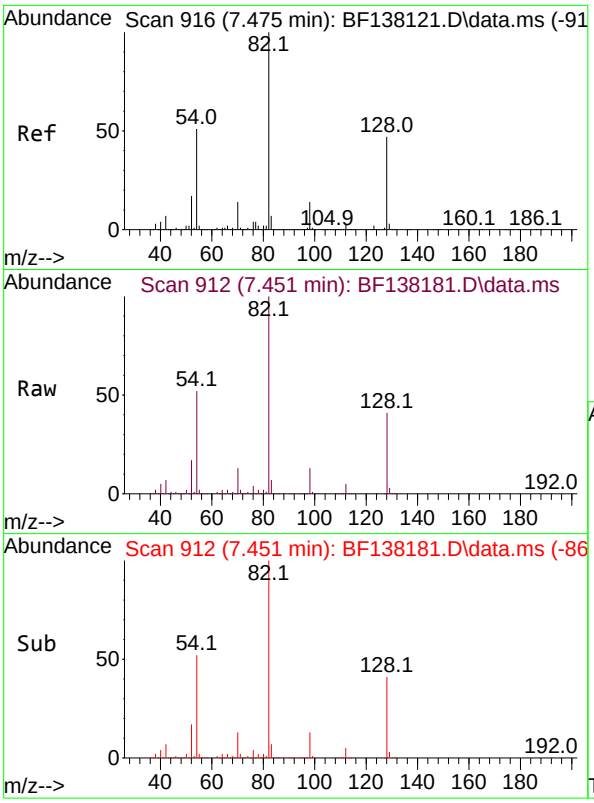


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:136 Resp: 1360026

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.2	6.2	9.2
68	6.2	5.2	7.8



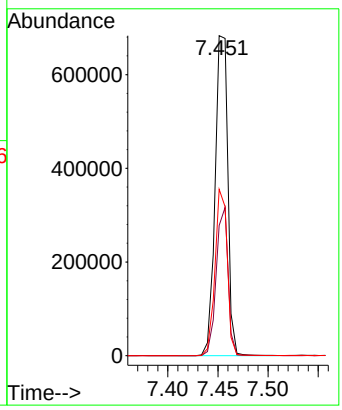


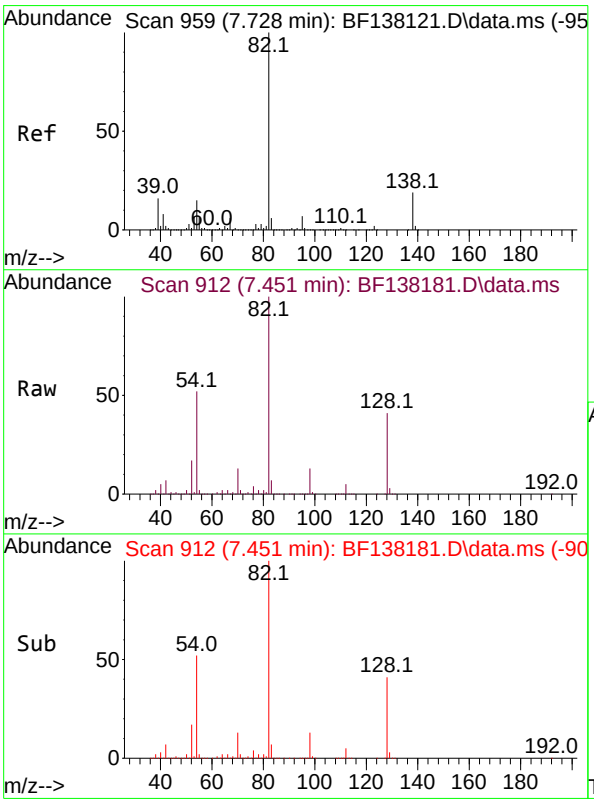
#23
Nitrobenzene-d5
Concen: 30.145 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion: 82 Resp: 602588

Ion	Ratio	Lower	Upper
82	100		
128	40.7	37.7	56.5
54	52.0	40.8	61.2

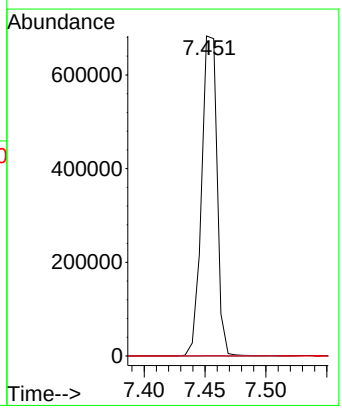


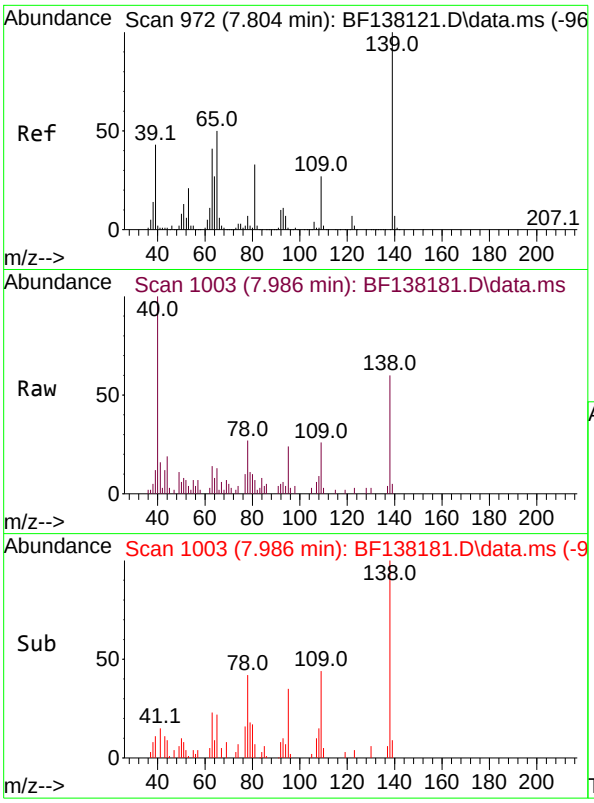


#25
Isophorone
Concen: 13.681 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.277 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion: 82 Resp: 602477

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	15.5	23.3#



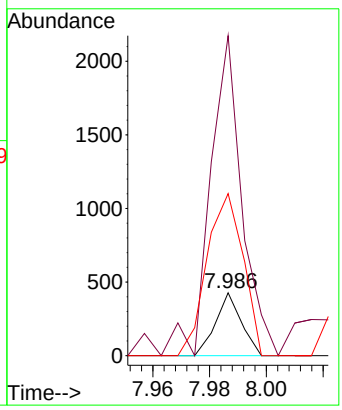


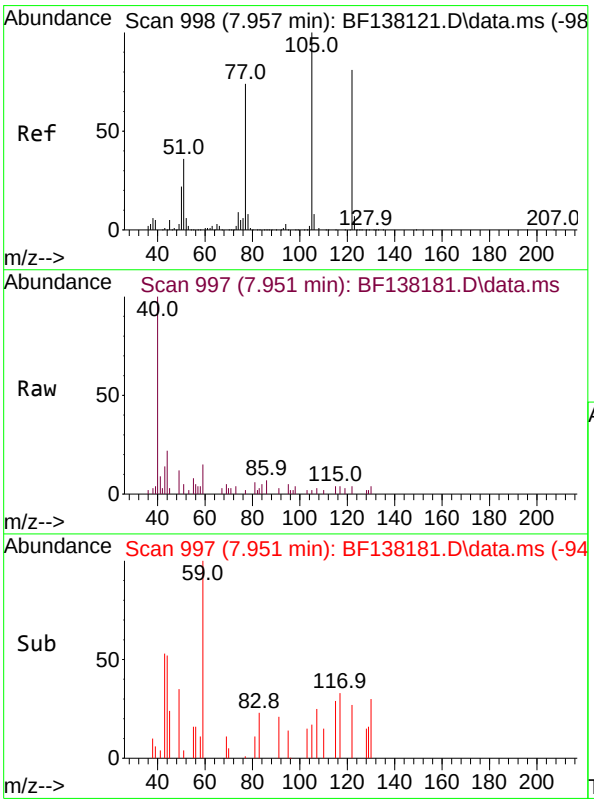
#26
2-Nitrophenol
Concen: 5.083 ng
RT: 7.986 min Scan# 1
Delta R.T. 0.182 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:139 Resp: 269

Ion	Ratio	Lower	Upper
139	100		
109	509.1	21.8	32.6#
65	257.8	40.1	60.1#

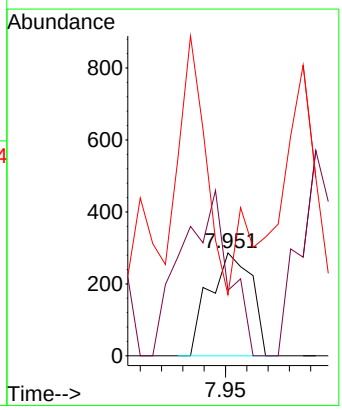


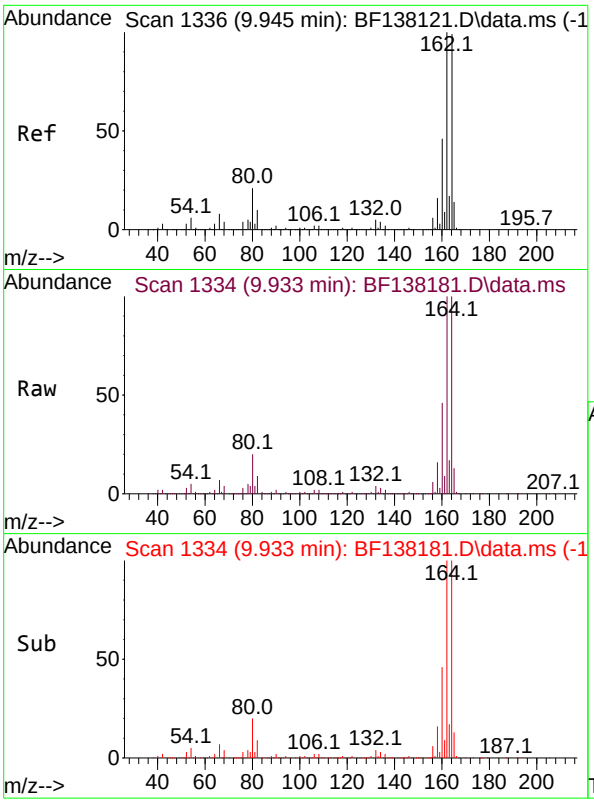


#32
Benzoic acid
Concen: 7.971 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:122 Resp: 396

Ion	Ratio	Lower	Upper
122	100		
105	63.6	102.8	142.8#
77	59.4	71.2	111.2#



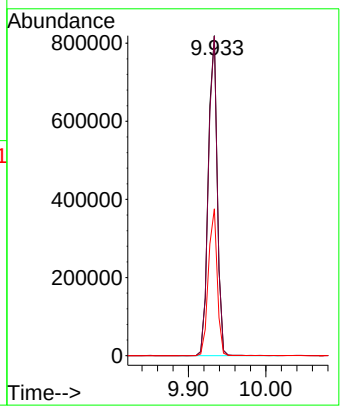


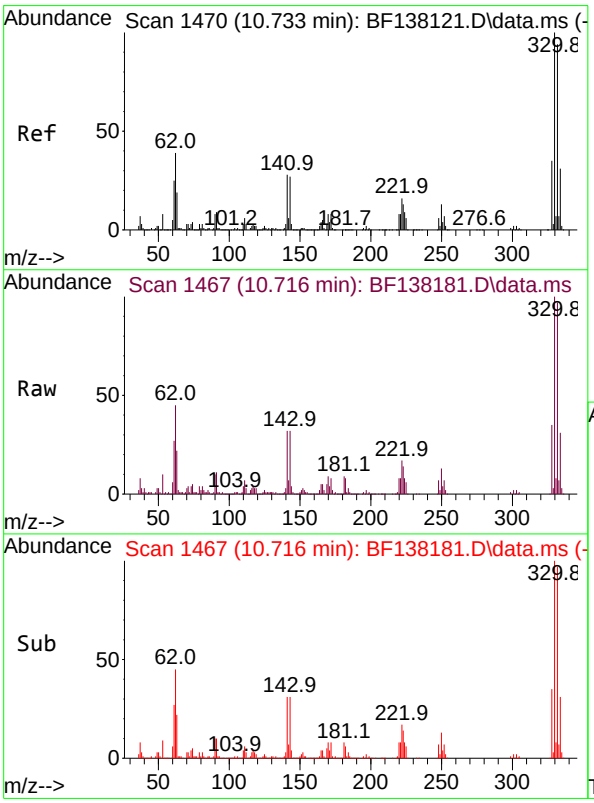
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:164 Resp: 655871

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.9	121.3
160	45.9	37.0	55.6

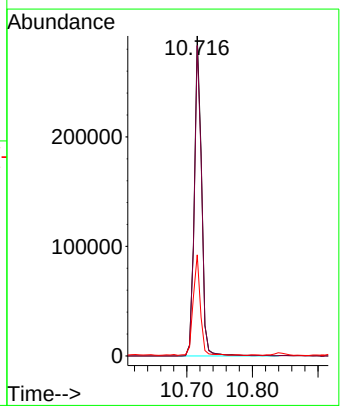


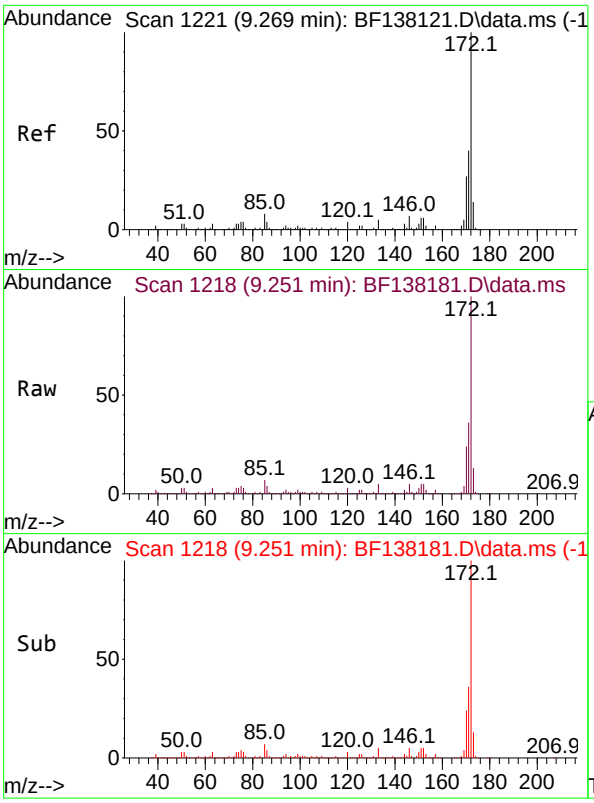


#42
2,4,6-Tribromophenol
Concen: 35.630 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.017 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:330 Resp: 224891

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.8
141	30.9	23.2	34.8



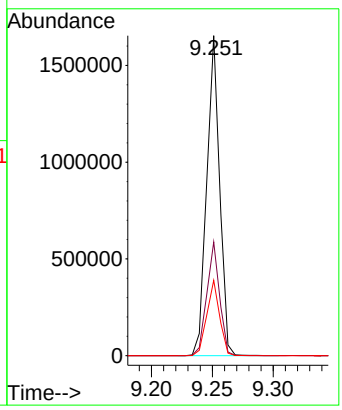


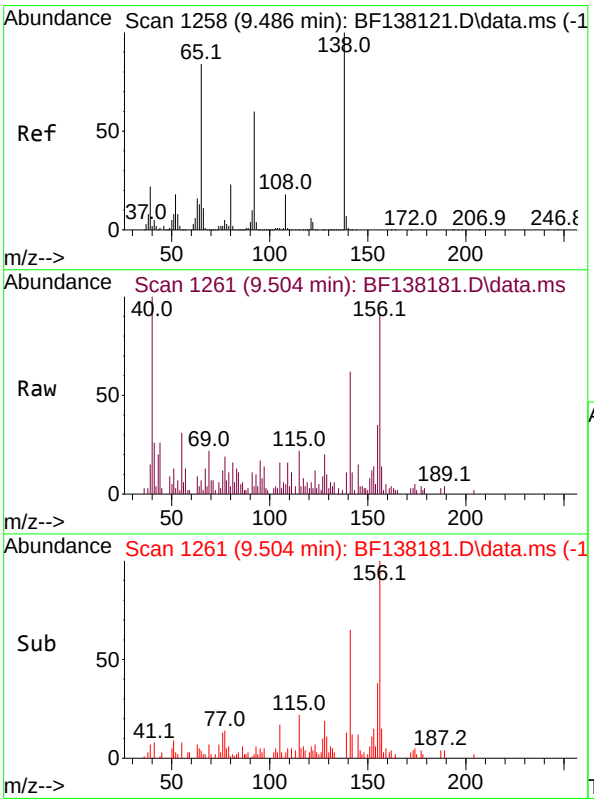
#45
2-Fluorobiphenyl
Concen: 32.407 ng
RT: 9.251 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:172 Resp: 1215579

Ion	Ratio	Lower	Upper
172	100		
171	35.6	31.6	47.4
170	23.6	21.4	32.2

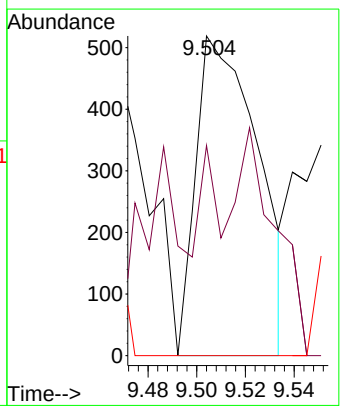


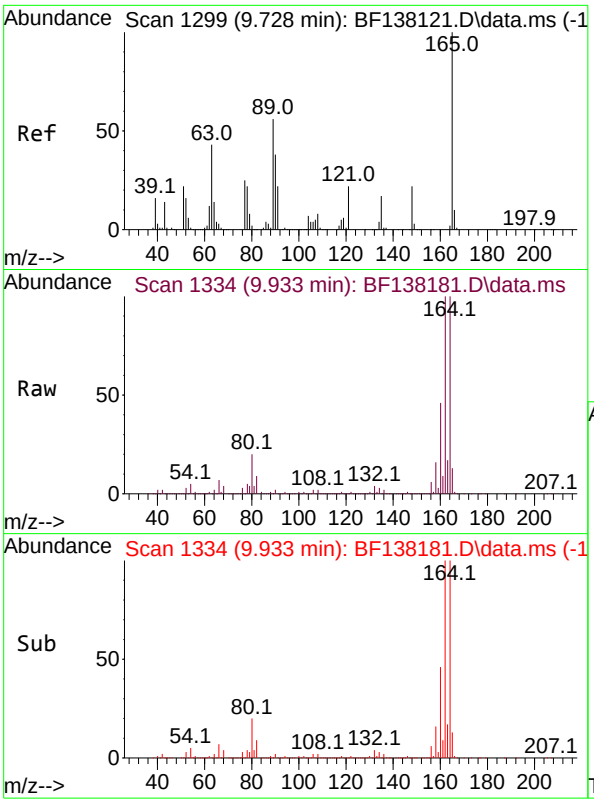


#48
2-Nitroaniline
Concen: 4.887 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion: 65 Resp: 917

Ion	Ratio	Lower	Upper
65	100		
92	65.7	57.3	85.9
138	0.0	95.4	143.2#



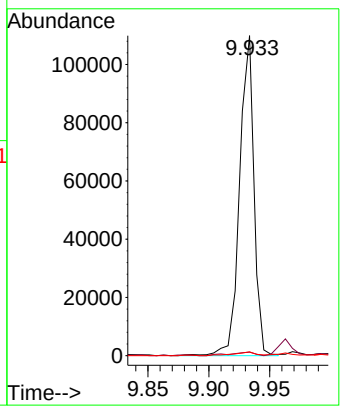


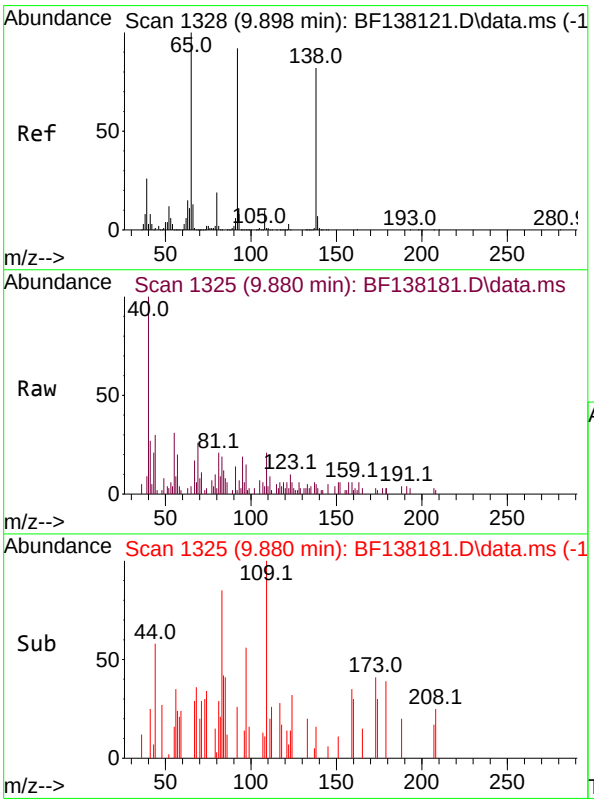
#51
2,6-Dinitrotoluene
Concen: 12.753 ng
RT: 9.933 min Scan# 1
Delta R.T. 0.205 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:165 Resp: 90016

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.9	64.3#
89	1.2	45.0	67.4#

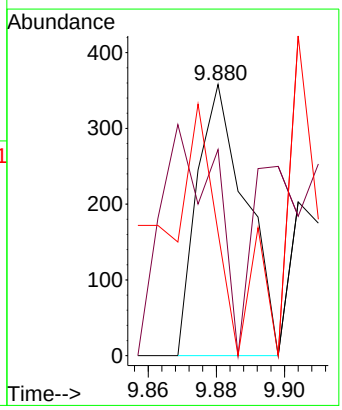


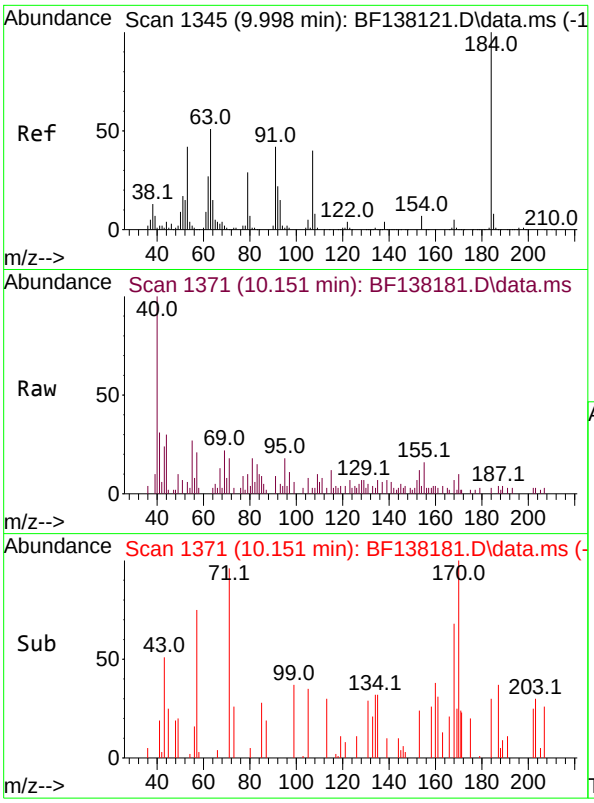


#53
3-Nitroaniline
Concen: 2.982 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:138 Resp: 354

Ion	Ratio	Lower	Upper
138	100		
108	76.0	10.3	15.5#
92	45.5	89.5	134.3#



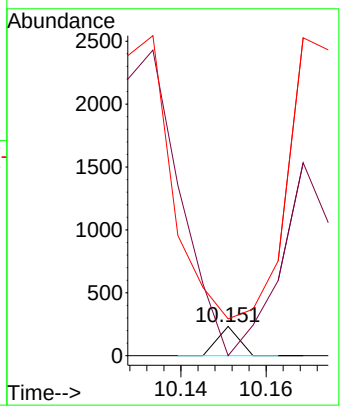


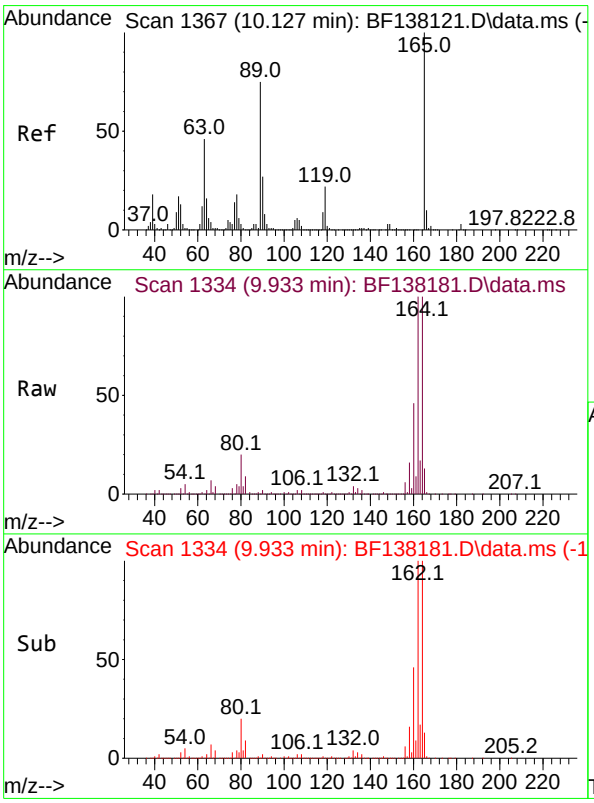
#54
2,4-Dinitrophenol
Concen: 5.969 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.153 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:184 Resp: 82

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.4	68.0#
154	125.8	46.0	69.0#

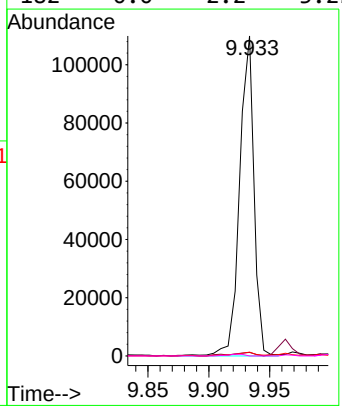


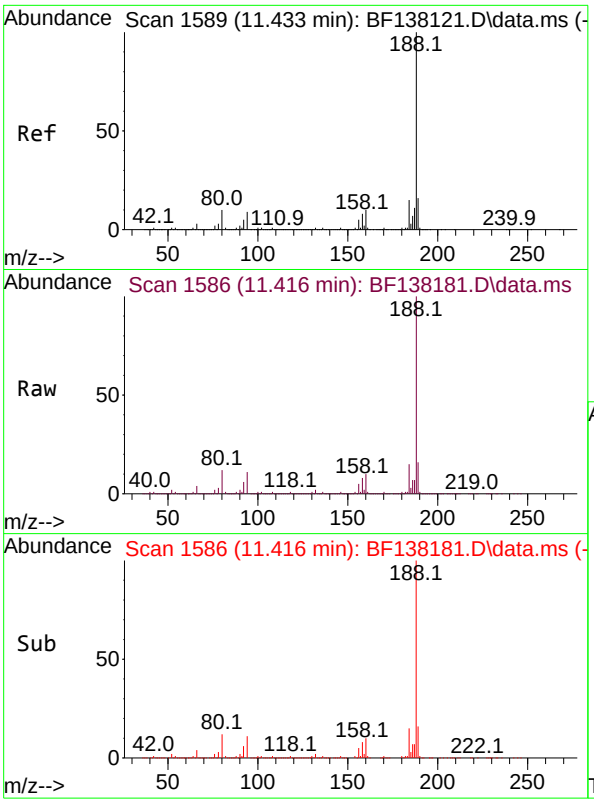


#57
2,4-Dinitrotoluene
Concen: 11.572 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:165 Resp: 90016

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.8	55.2#
89	1.2	60.2	90.2#
182	0.0	2.2	3.2#



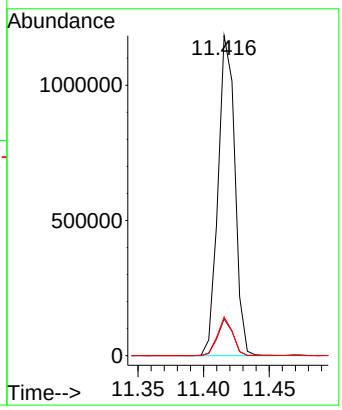


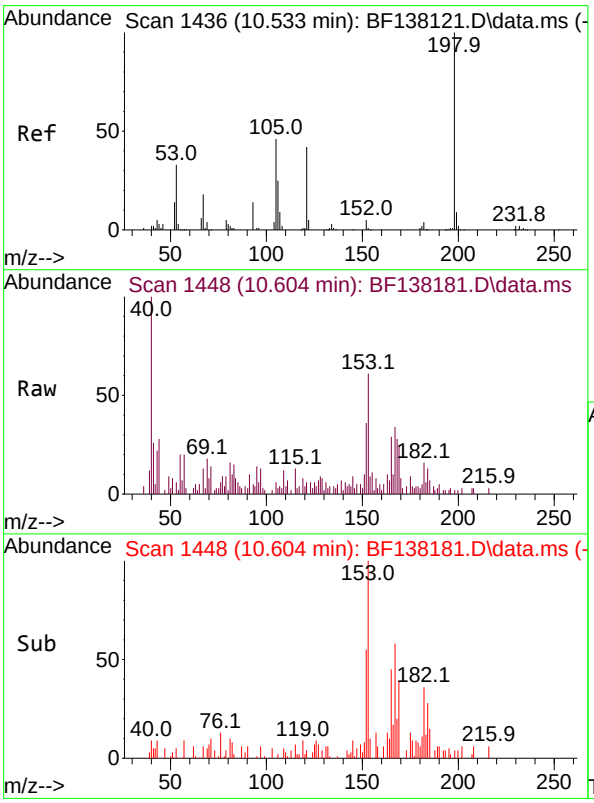
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:188 Resp: 1052383

Ion	Ratio	Lower	Upper
188	100		
94	11.5	7.4	11.2#
80	12.1	7.7	11.5#

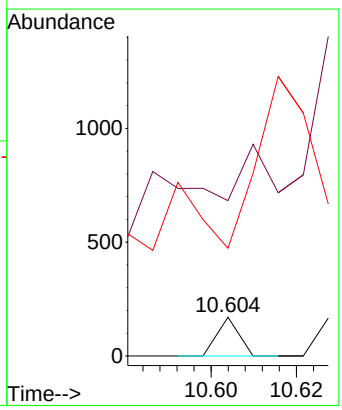


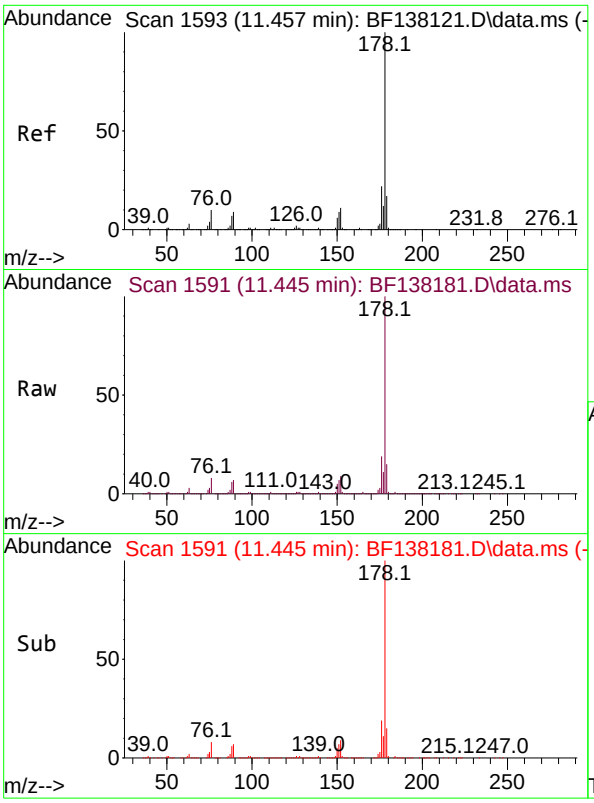


#65
4,6-Dinitro-2-methylphenol
Concen: 8.399 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.071 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:198 Resp: 60

Ion	Ratio	Lower	Upper
198	100		
51	401.8	28.2	68.2#
105	278.2	26.8	66.8#



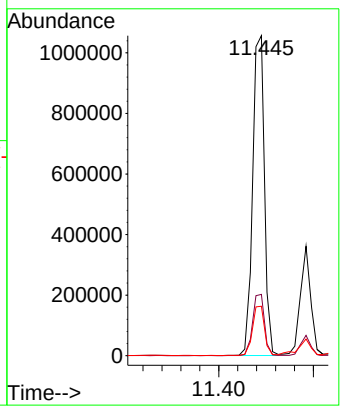


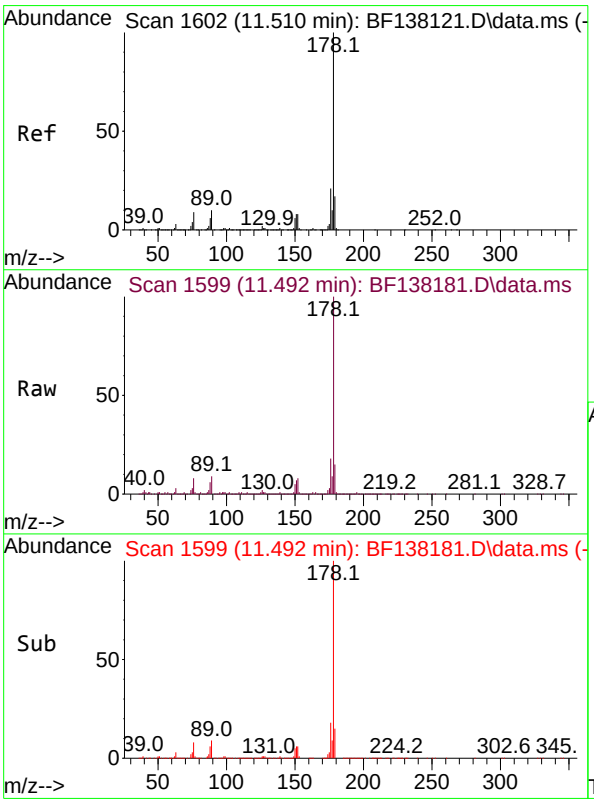
#71
Phenanthrene
Concen: 18.136 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:178 Resp: 918786

Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.2	25.8
179	15.4	13.6	20.4

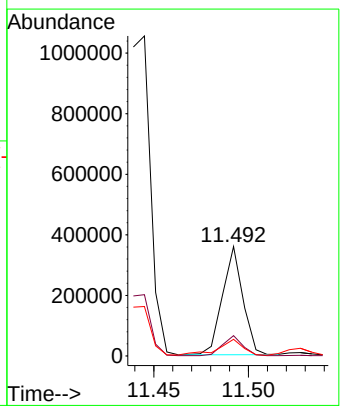


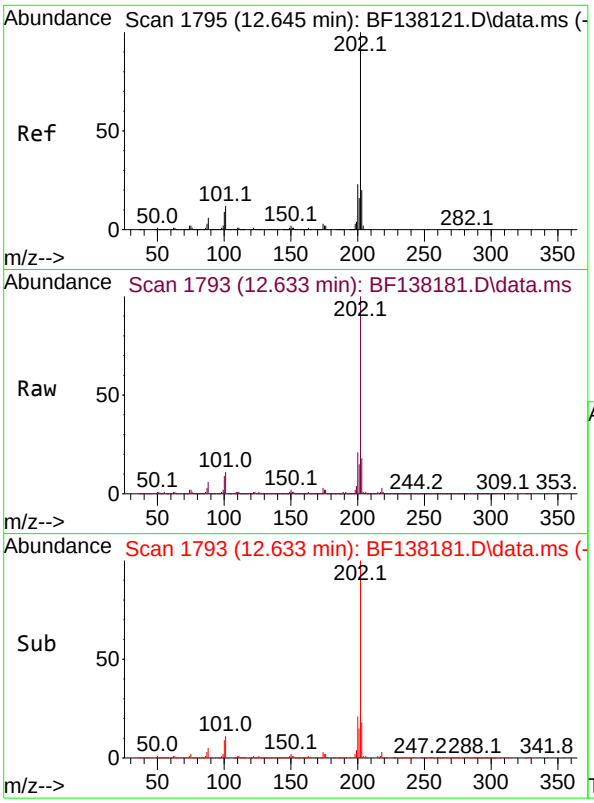


#72
Anthracene
Concen: 5.318 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:178 Resp: 268718

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.5	24.7
179	15.3	13.6	20.4



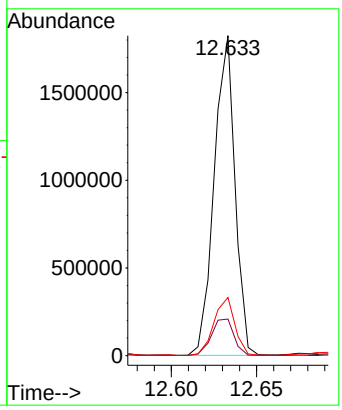


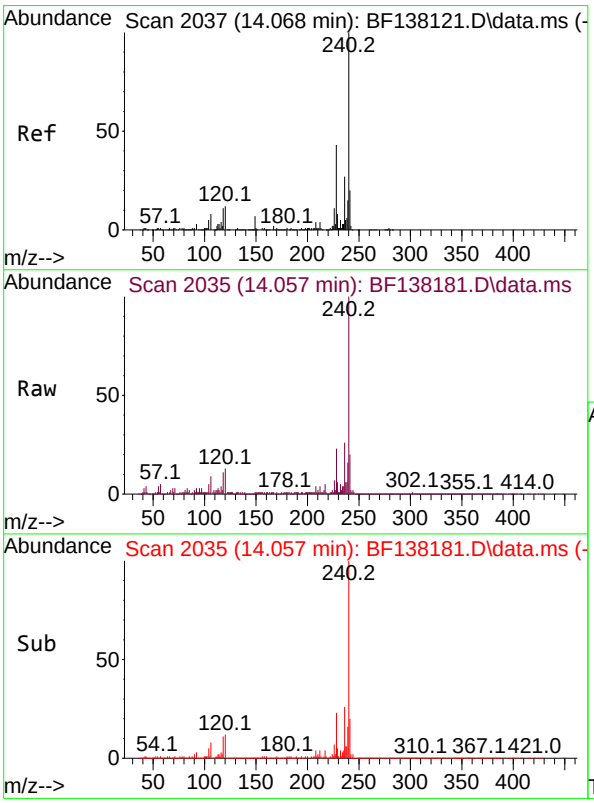
#75
Fluoranthene
Concen: 28.333 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:202 Resp: 1548780

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.2
203	18.2	0.0	39.5

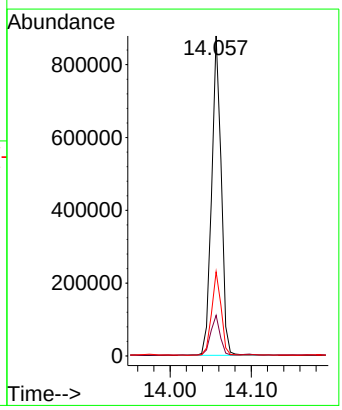


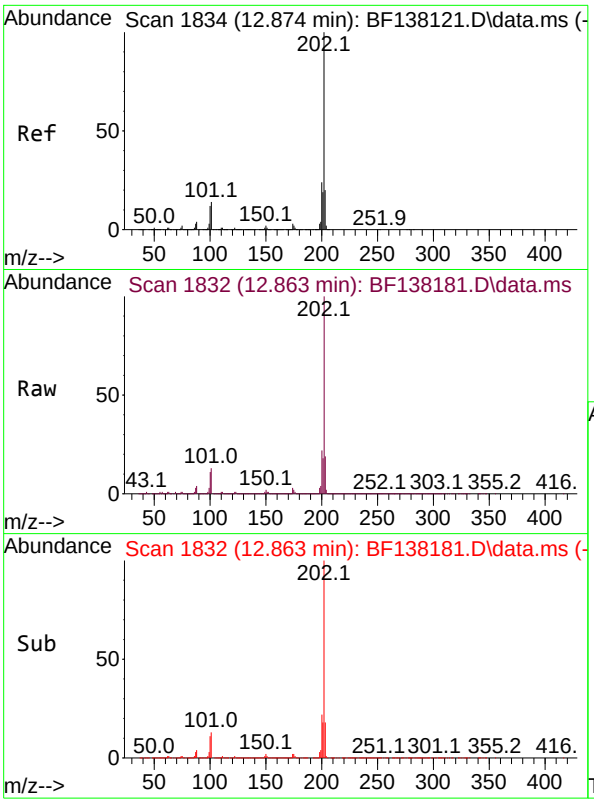


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.011 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:240 Resp: 716173

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	26.3	21.2	31.8



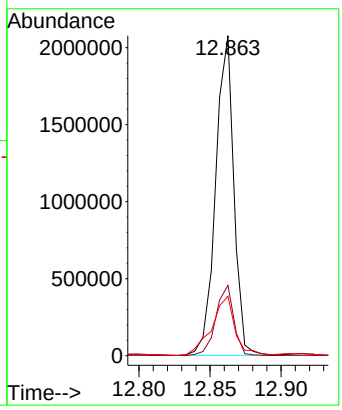


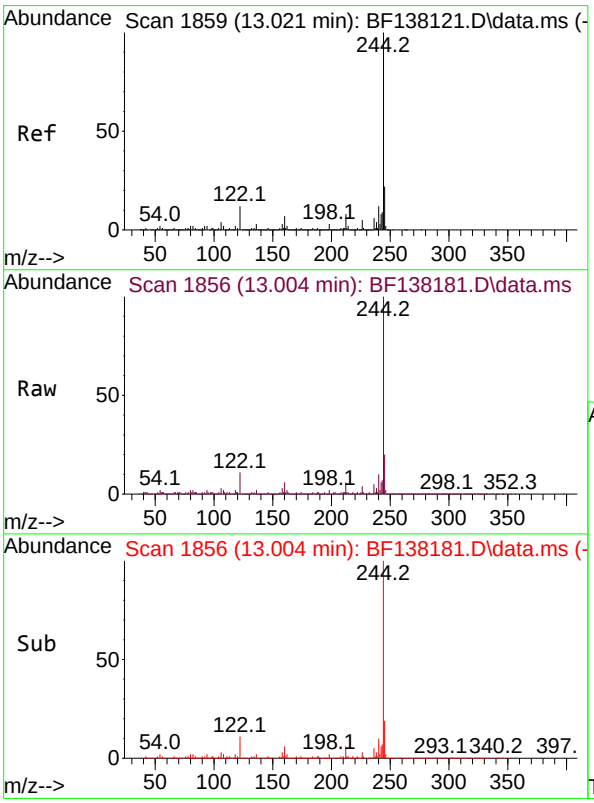
#78
Pyrene
Concen: 28.583 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:202 Resp: 1851284

Ion	Ratio	Lower	Upper
202	100		
200	22.0	19.1	28.7
203	18.5	15.6	23.4

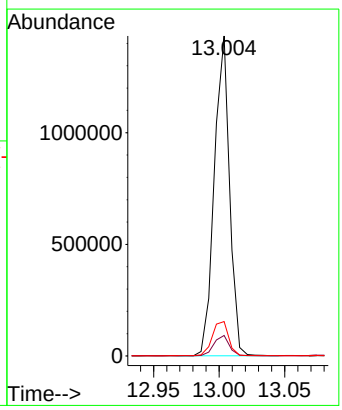


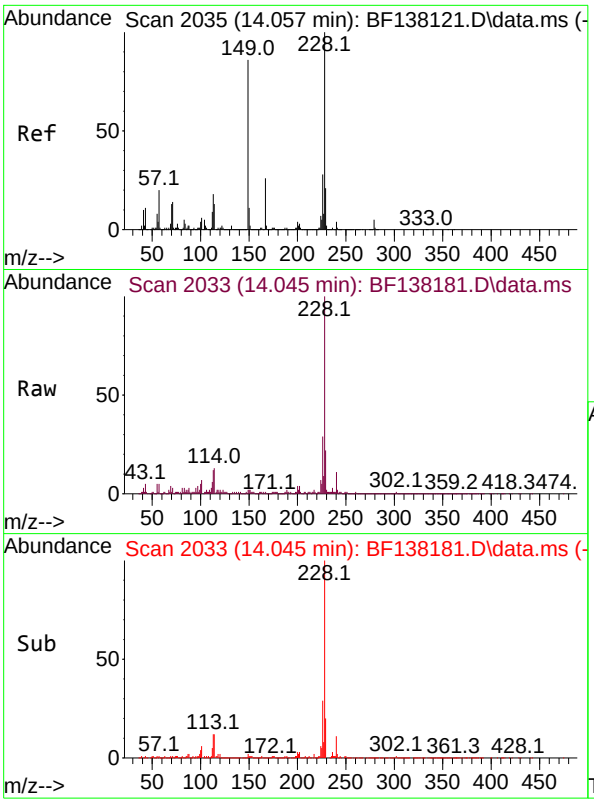


#79
Terphenyl-d14
Concen: 24.153 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:244 Resp: 1156461

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.4	9.6#
122	10.8	9.4	14.2



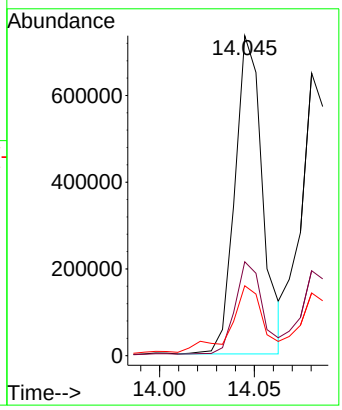


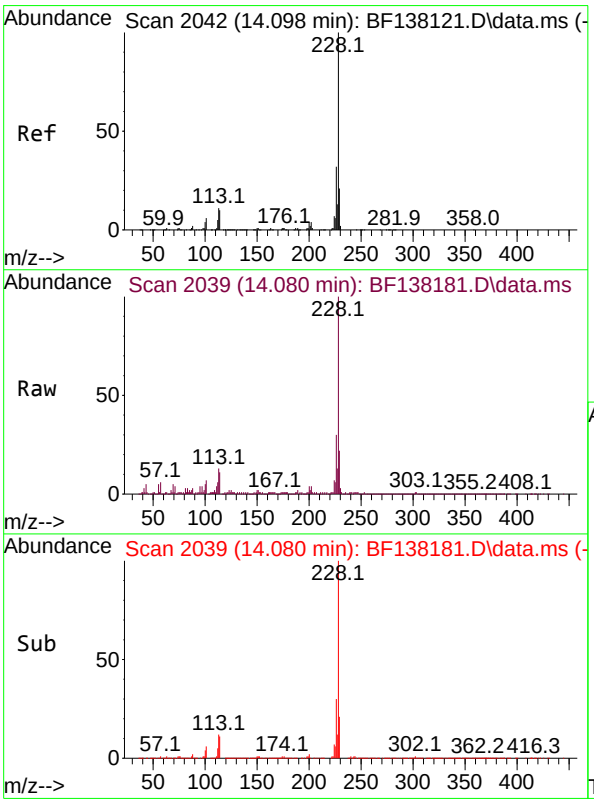
#81
Benzo(a)anthracene
Concen: 16.487 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:228 Resp: 744942

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	21.9	16.7	25.1

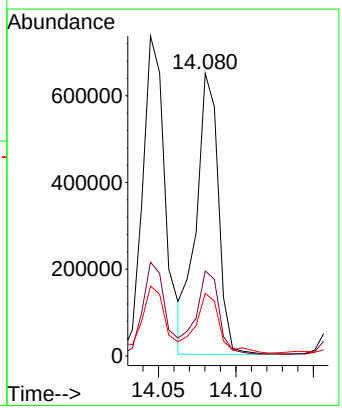


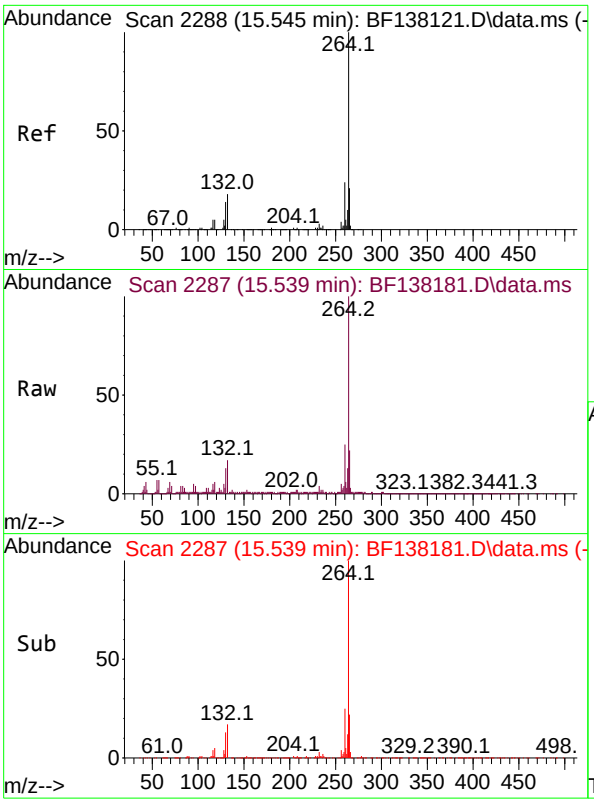


#83
Chrysene
Concen: 14.900 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:228 Resp: 646106

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.6	38.4
229	22.2	16.6	25.0



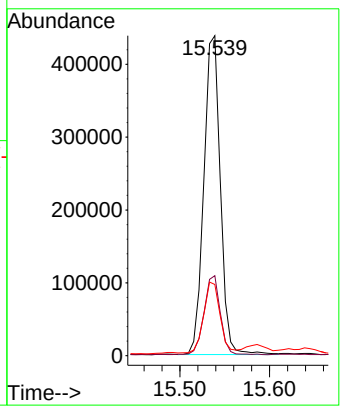


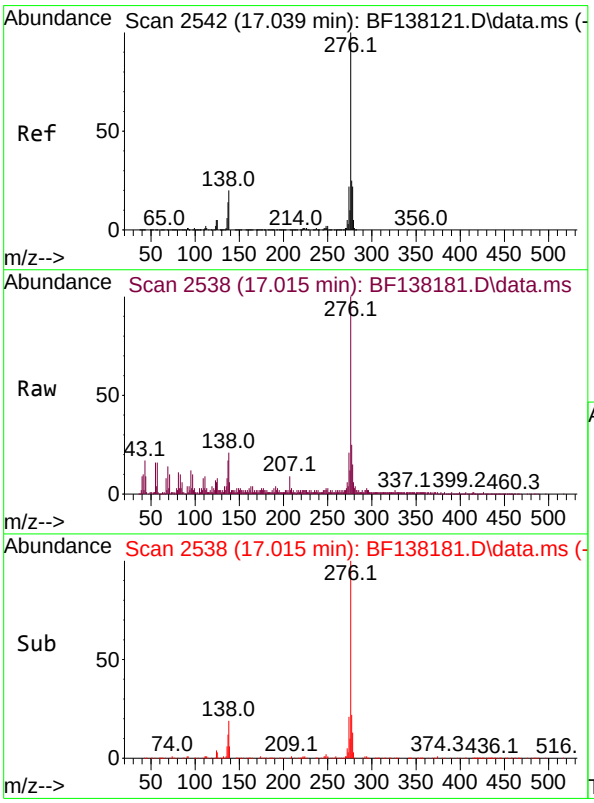
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:264 Resp: 559324

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.2	17.1	25.7

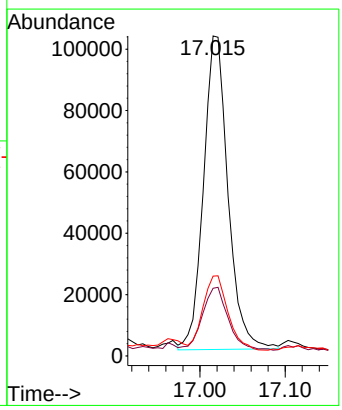


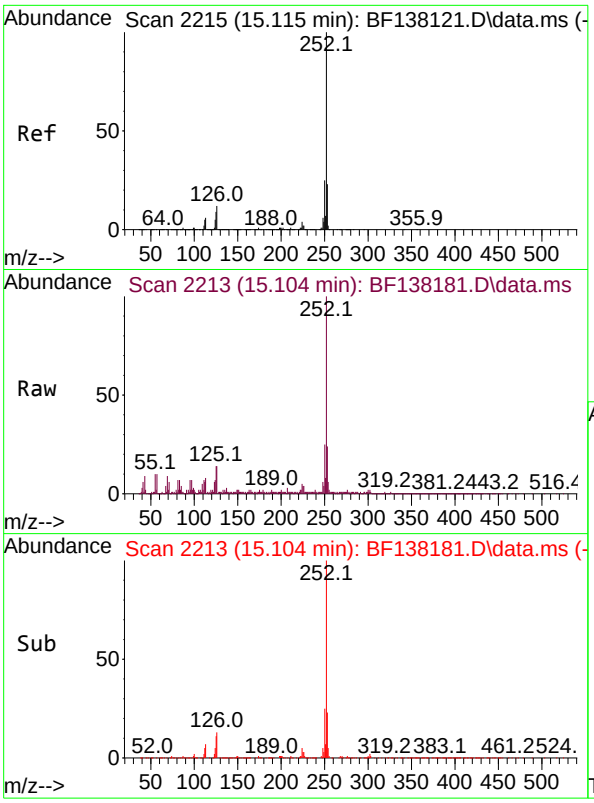


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.707 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.024 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:276 Resp: 204375

Ion	Ratio	Lower	Upper
276	100		
138	21.3	18.9	28.3
277	24.2	20.3	30.5



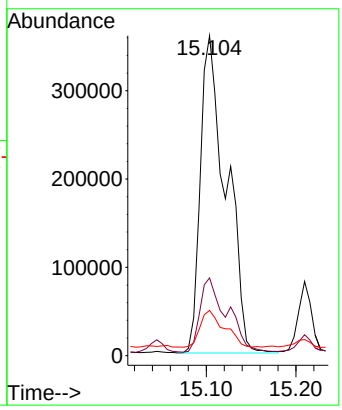


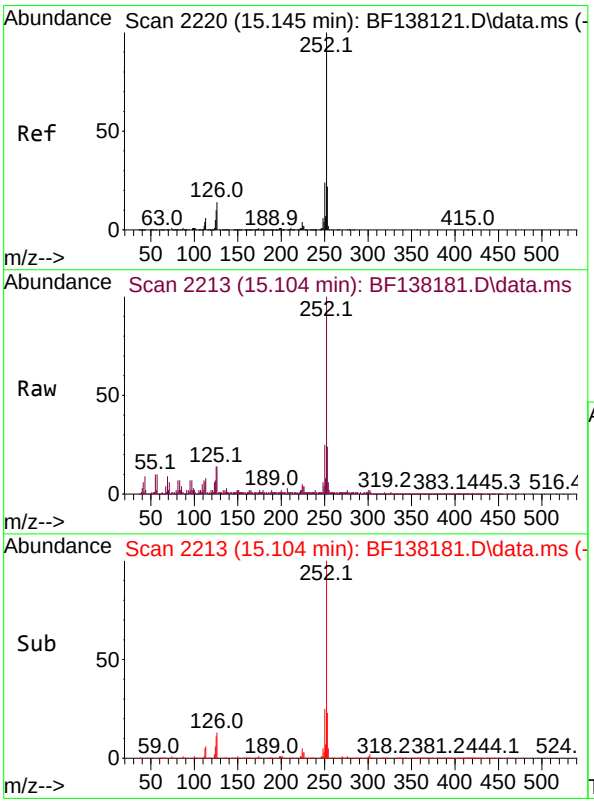
#88
Benzo(b)fluoranthene
Concen: 20.354 ng
RT: 15.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:252 Resp: 715689

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	14.2	7.4	11.2#

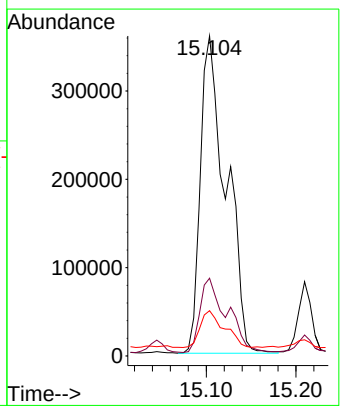


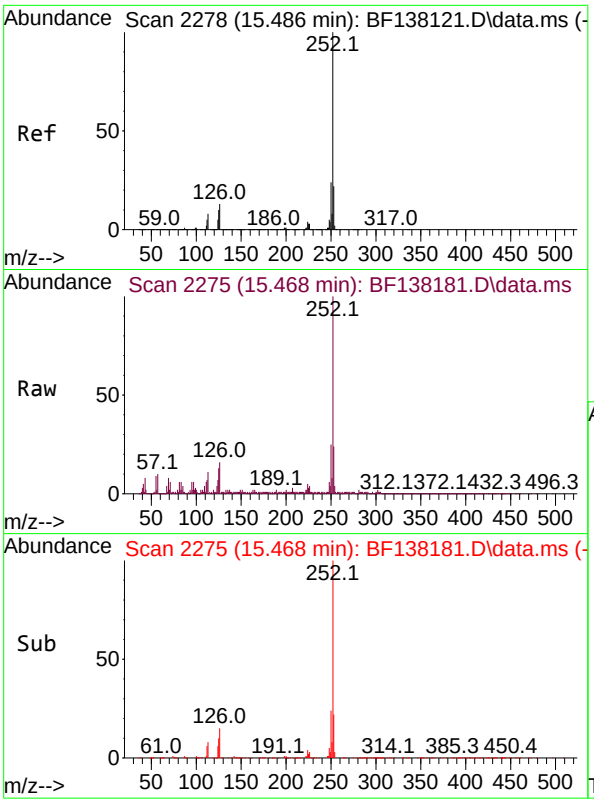


#89
Benzo(k)fluoranthene
Concen: 21.344 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.041 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:252 Resp: 715689

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	14.2	7.8	11.6#



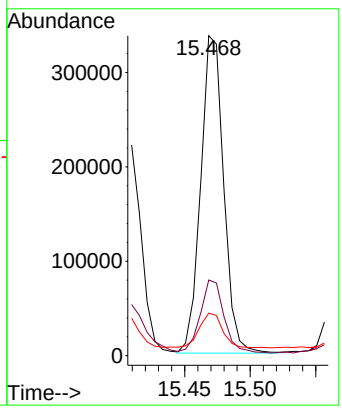


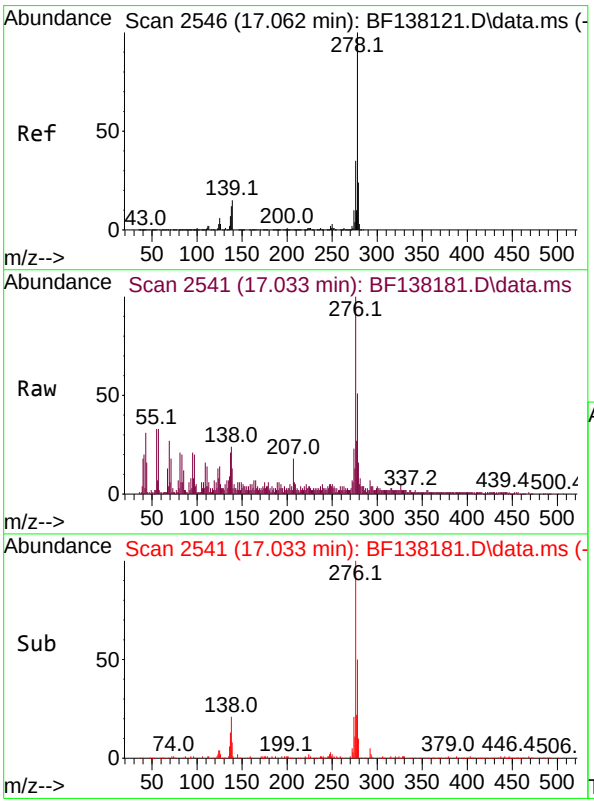
#90
Benzo(a)pyrene
Concen: 15.433 ng
RT: 15.468 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:252 Resp: 410978

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	13.3	8.0	12.0#

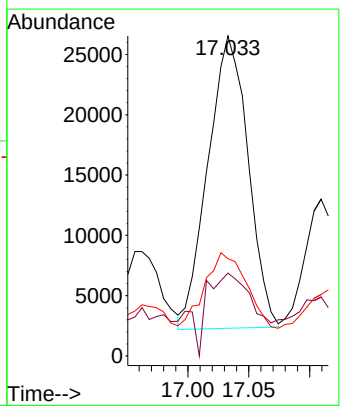


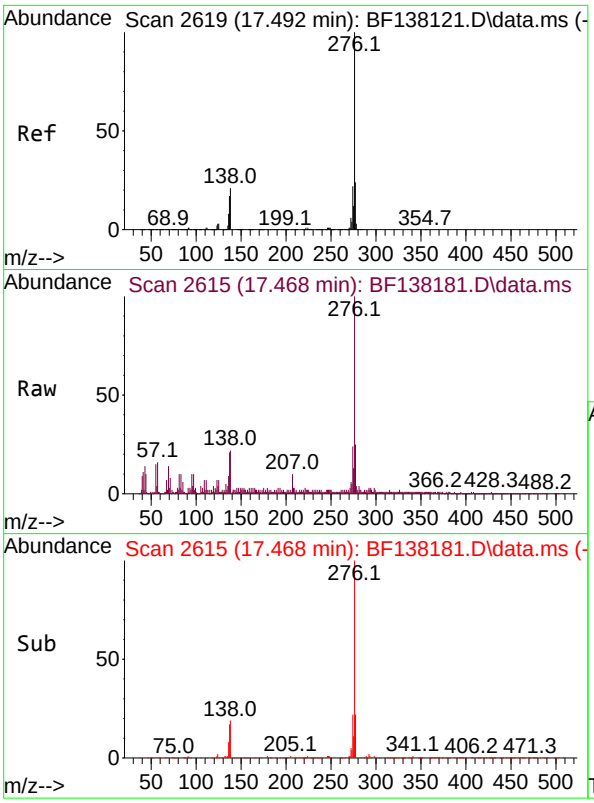


#91
Dibenzo(a,h)anthracene
Concen: 5.765 ng
RT: 17.033 min Scan# 2541
Delta R.T. -0.029 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Tgt Ion:278 Resp: 55632

Ion	Ratio	Lower	Upper
278	100		
139	25.9	11.7	17.5#
279	30.4	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 10.232 ng
RT: 17.468 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF138181.D
Acq: 10 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
HD-02-060724

Tgt Ion:276 Resp: 195458

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	22.1	16.5	24.7