Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Time: Oct 11 16:50:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	60362	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	197466	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	92192	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	163011	20.000	ng	0.00
76) Chrysene-d12	14.039	240	127716	20.000	ng	0.00
86) Perylene-d12	15.516	264	96715	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	396611	113.884	ng	0.00
7) Phenol-d6	6.504	99	476802	101.808	ng	0.00
23) Nitrobenzene-d5	7.428	82	293880	75.351	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	87880	98.746	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	479488	79.844	ng	0.00
79) Terphenyl-d14	12.980	244	498273	64.016	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	40726	13.526	ng	# 75
25) Isophorone	7.428	82	289659	41.815	ng	# 67
31) Naphthalene	8.169	128	112934	11.186	ng	99
33) 4-Chloroaniline	8.169	127	14863	4.349	ng	# 35
37) 2-Methylnaphthalene	8.863	142	62234	9.464	ng	99
38) 1-Methylnaphthalene	8.957	142	53247	8.284	ng	99
46) 1,1'-Biphenyl	9.322	154	24699	3.602	ng	96
49) Acenaphthylene	9.763	152	173354	22.175	ng	98
52) Acenaphthene	9.934	154	30590	5.700	ng	94
55) Dibenzofuran	10.110	168	30311	4.034	ng	# 89
58) Fluorene	10.451	166	114615	19.151	ng	# 96
63) Azobenzene	10.616	77	32750	5.224	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	14618	3.042	ng	# 80
67) 4-Bromophenyl-phenylether	10.692	248	5870	3.512	ng	# 1
71) Phenanthrene	11.422	178	925270	120.382	ng	99
72) Anthracene	11.469	178	201311	26.475	ng	99
73) Carbazole	11.628	167	46223	6.329	ng	96
75) Fluoranthene	12.616	202	1021840	121.618	ng	100
78) Pyrene	12.845	202	1274356	111.562	ng	98
81) Benzo(a)anthracene	14.063	228	481565	57.351	ng	92
83) Chrysene	14.027	228	520321	67.778	ng	91
84) Bis(2-ethylhexyl)phtha...	14.010	149	11975	2.347	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.998	276	170449	29.943	ng	96
88) Benzo(b)fluoranthene	15.086	252	534199	85.425	ng	# 97
89) Benzo(k)fluoranthene	15.086	252	534199	100.705	ng	97
90) Benzo(a)pyrene	15.457	252	310777	63.027	ng	97
91) Dibenzo(a,h)anthracene	17.004	278	42490	9.000	ng	# 79
92) Benzo(g,h,i)perylene	17.451	276	200151	42.270	ng	99

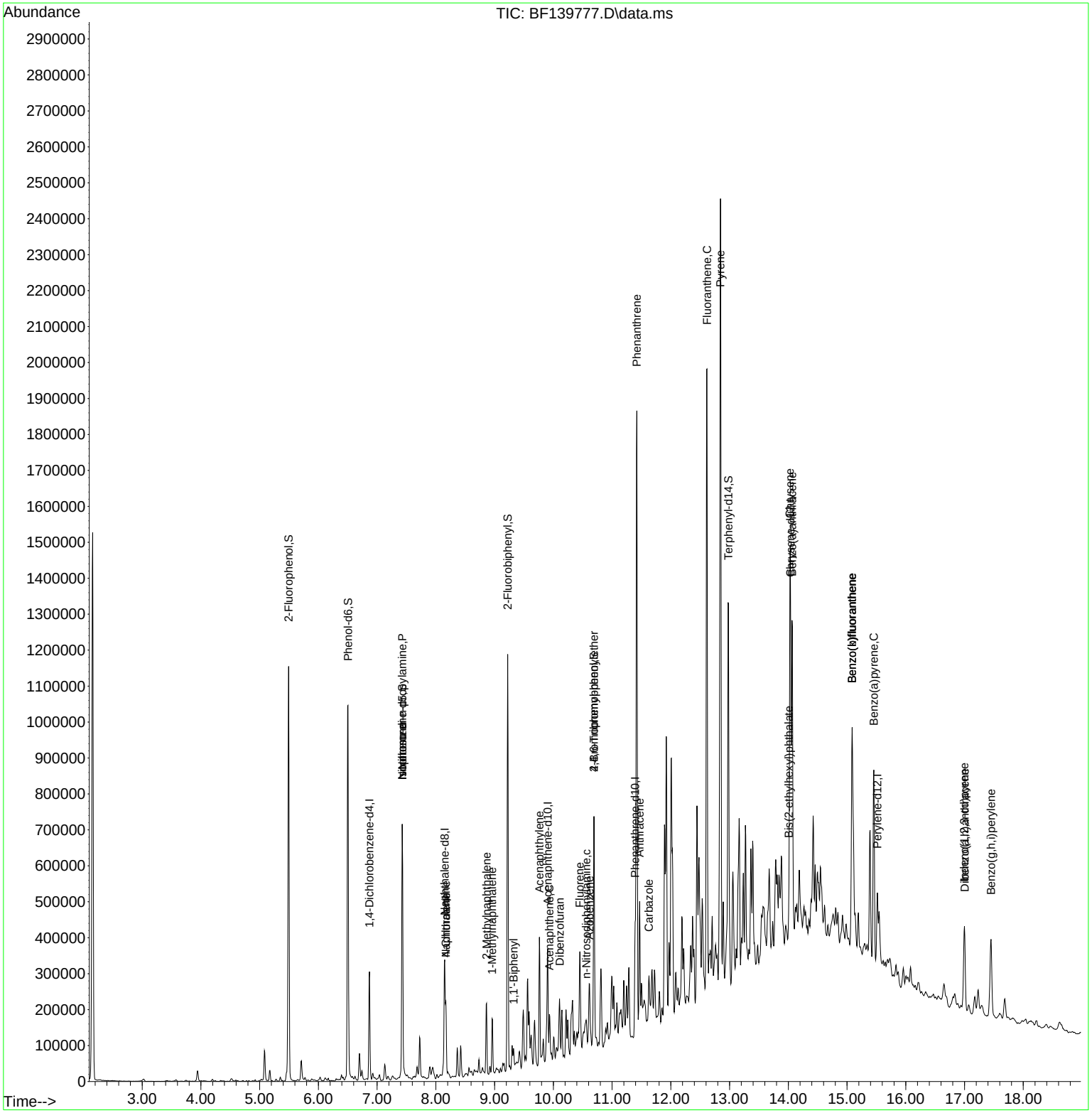
(#) = qualifier out of range (m) = manual integration (+) = signals summed

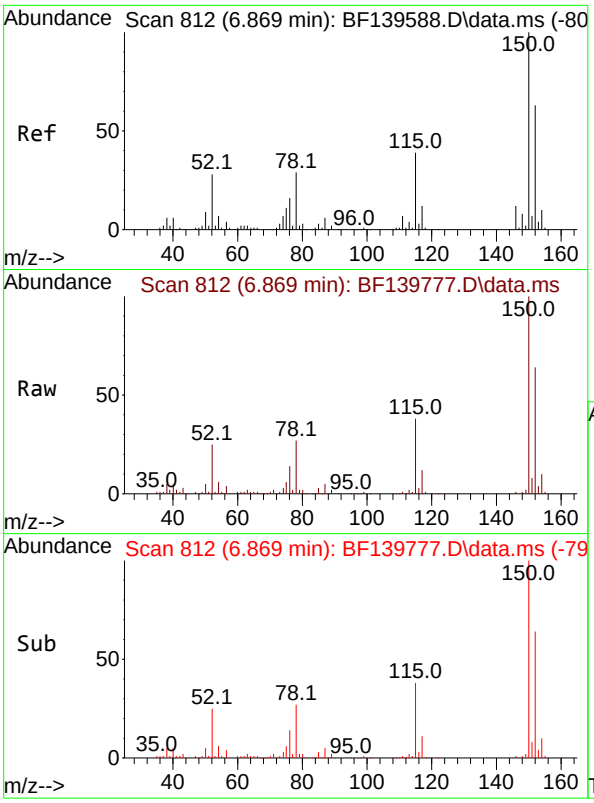
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139777.D
Acq On : 11 Oct 2024 16:16
Operator : RC/JU
Sample : P4364-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Quant Time: Oct 11 16:50:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



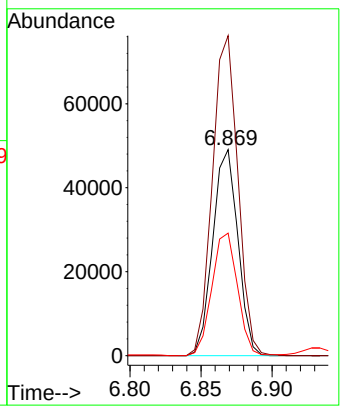


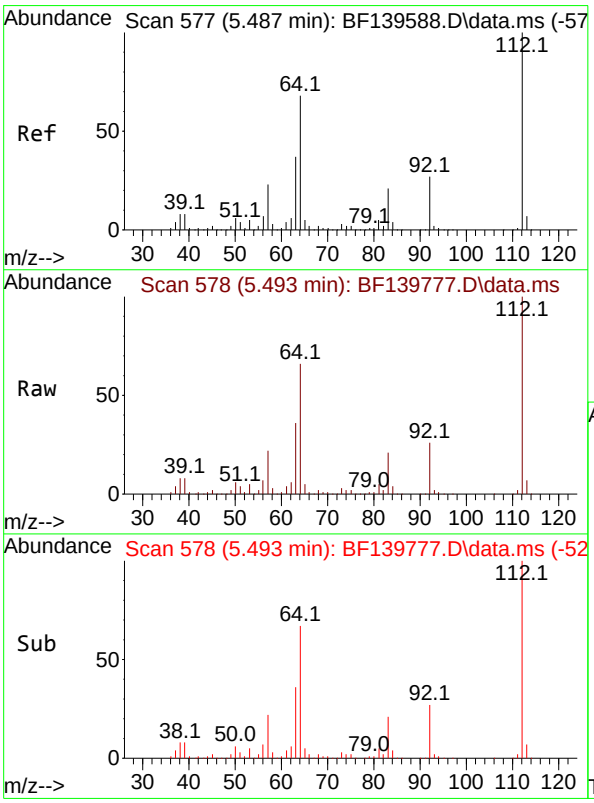
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:152 Resp: 60362

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.2	190.8
115	59.5	49.0	73.4

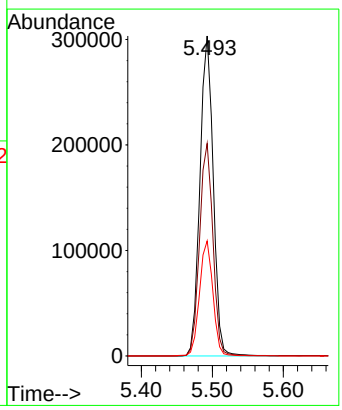


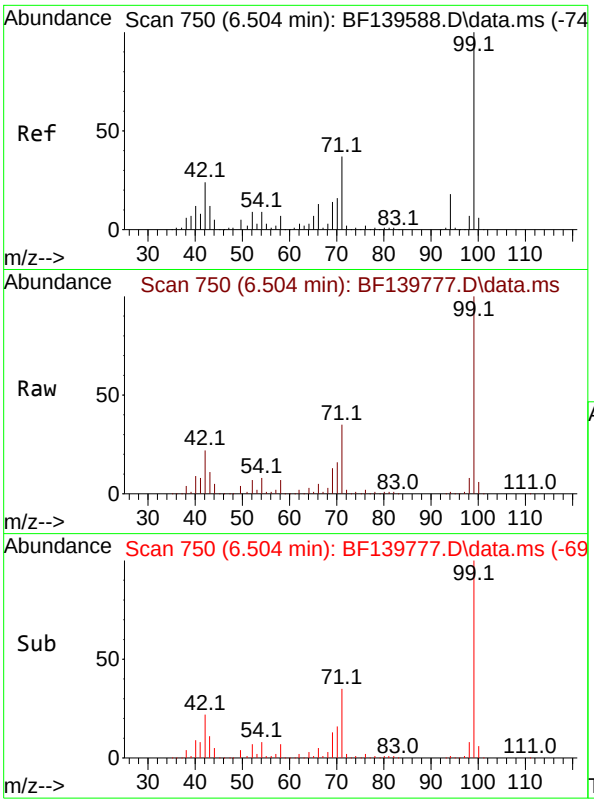


#5
2-Fluorophenol
Concen: 113.884 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:112 Resp: 396611

Ion	Ratio	Lower	Upper
112	100		
64	66.4	54.2	81.4
63	35.9	29.4	44.2



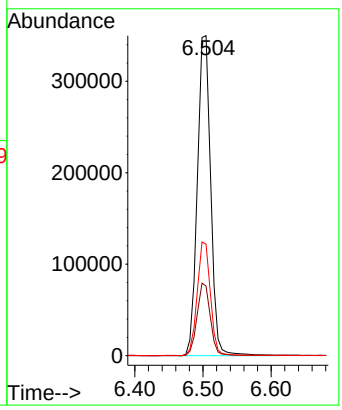


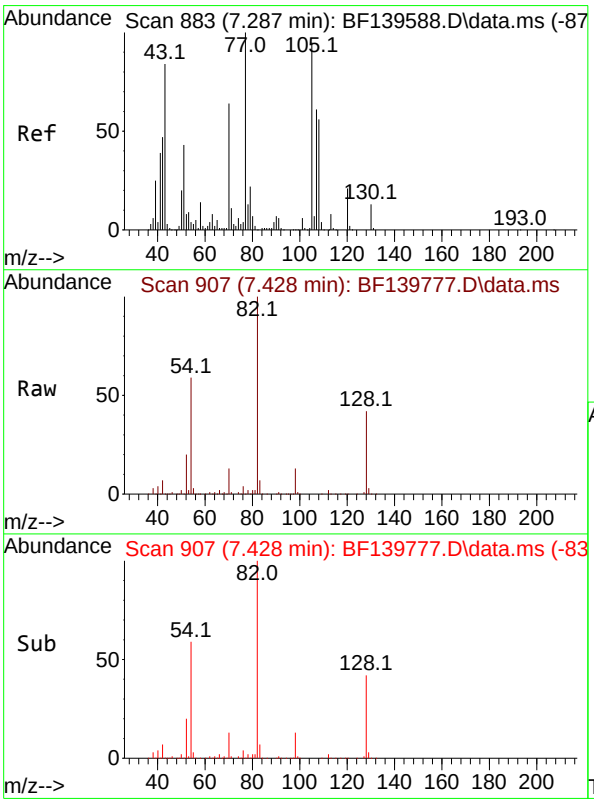
#7
Phenol-d6
Concen: 101.808 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion: 99 Resp: 476802

Ion	Ratio	Lower	Upper
99	100		
42	21.8	19.1	28.7
71	34.8	29.7	44.5

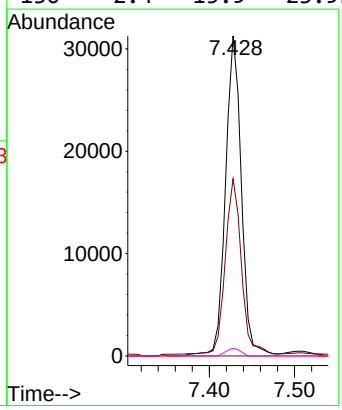


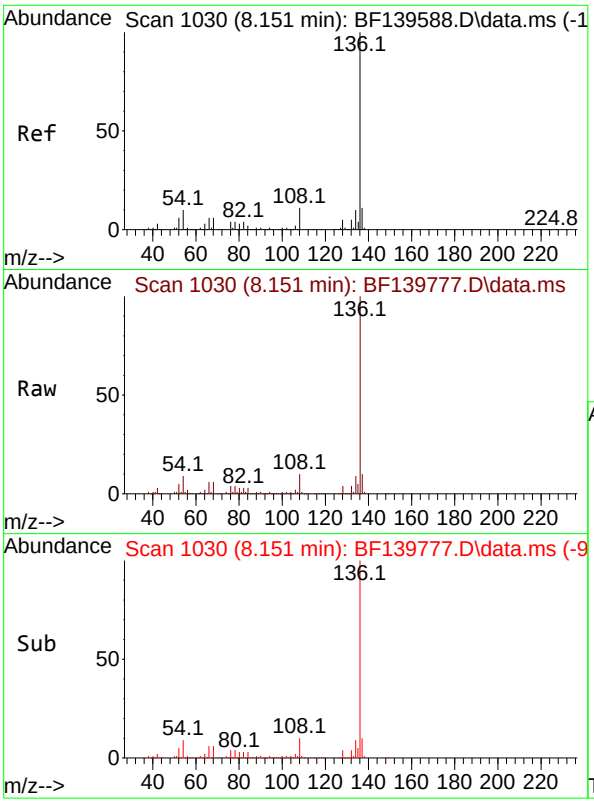


#19
n-Nitroso-di-n-propylamine
Concen: 13.526 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion: 70 Resp: 40726

Ion	Ratio	Lower	Upper
70	100		
42	55.4	58.0	87.0#
101	0.0	7.8	11.8#
130	2.4	15.9	23.9#



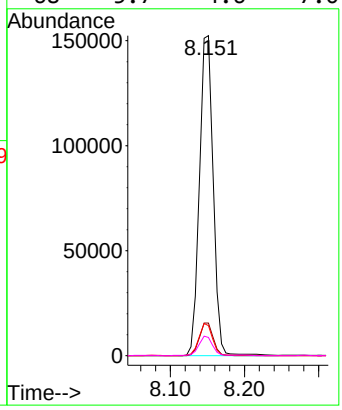


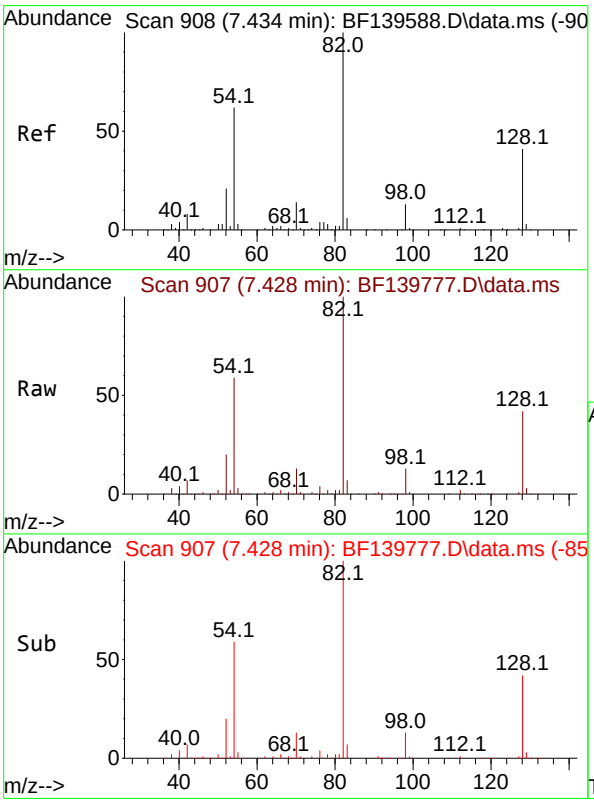
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:136 Resp: 197466

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	9.4	8.3	12.5
68	5.7	4.6	7.0

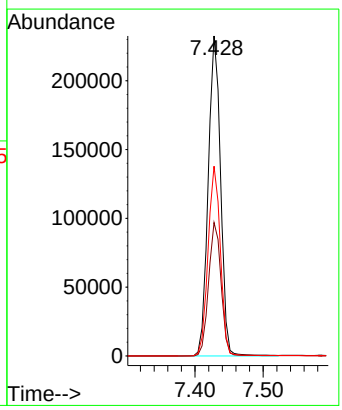


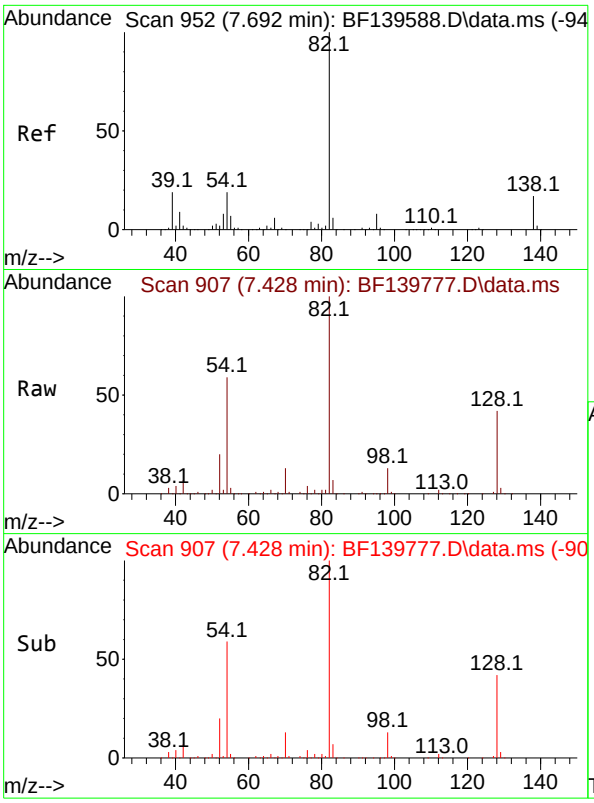


#23
Nitrobenzene-d5
Concen: 75.351 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion: 82 Resp: 293880

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.4	48.6
54	59.3	49.1	73.7



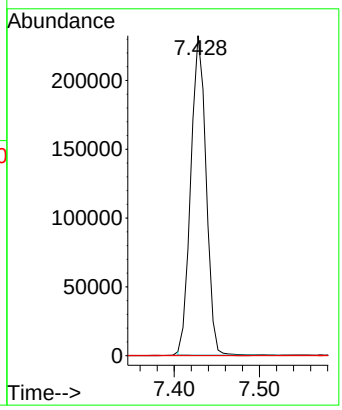


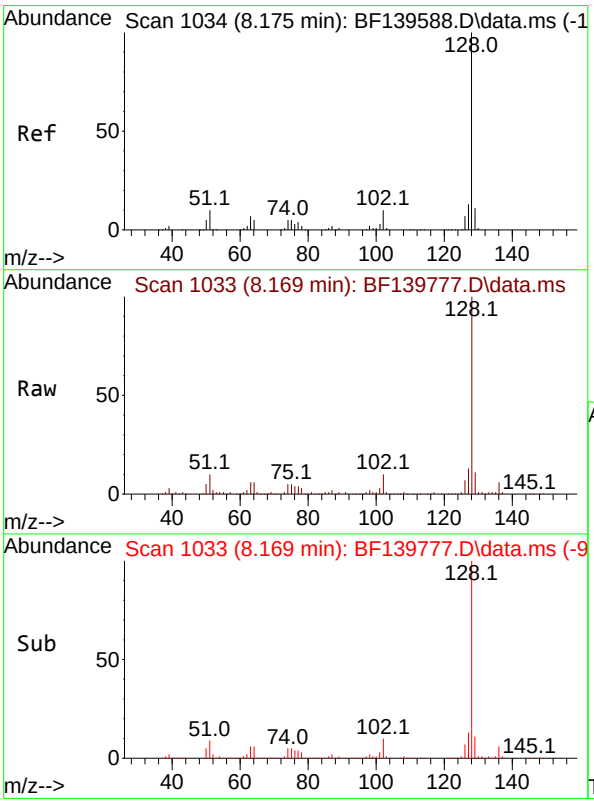
#25
Isophorone
Concen: 41.815 ng
RT: 7.428 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion: 82 Resp: 289659

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.1	9.1#
138	0.0	13.4	20.2#

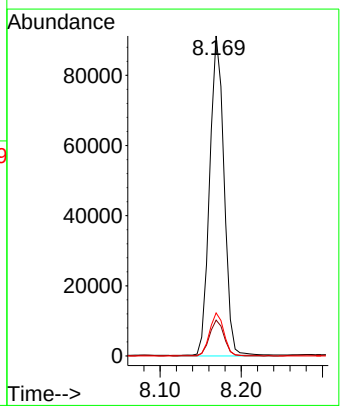


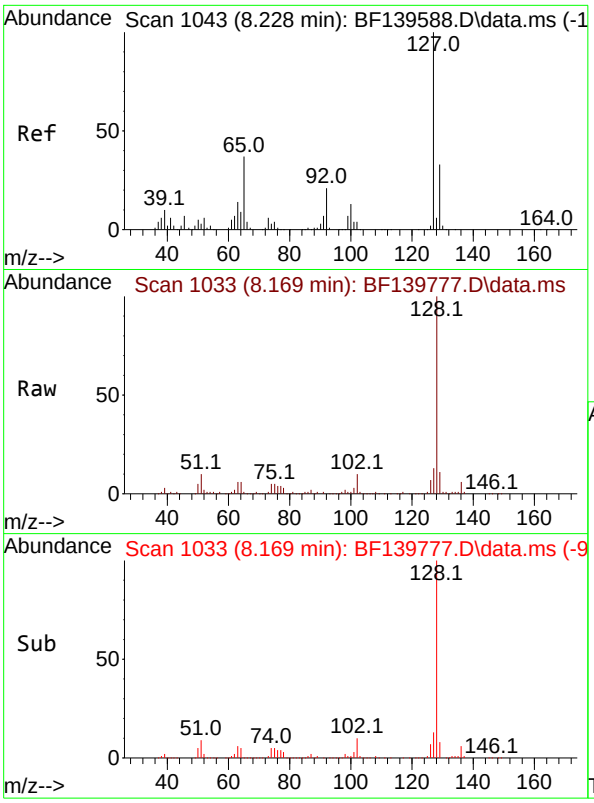


#31
Naphthalene
Concen: 11.186 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:128 Resp: 112934

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.5	15.7



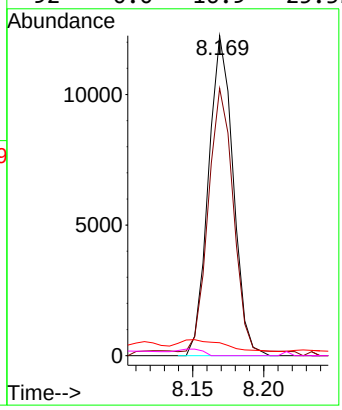


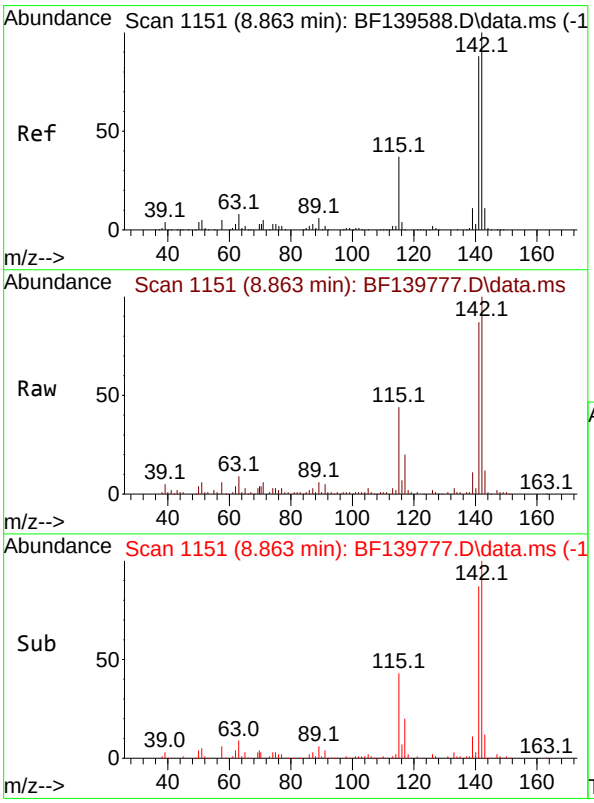
#33
4-Chloroaniline
Concen: 4.349 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:127 Resp: 14863

Ion	Ratio	Lower	Upper
127	100		
129	83.6	26.2	39.4#
65	4.0	29.3	43.9#
92	0.0	16.9	25.3#

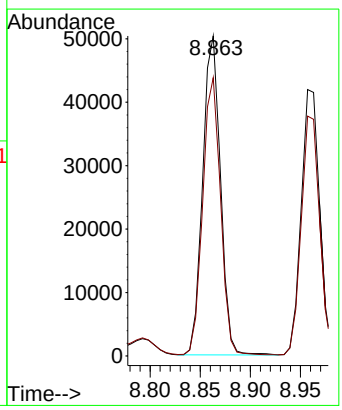


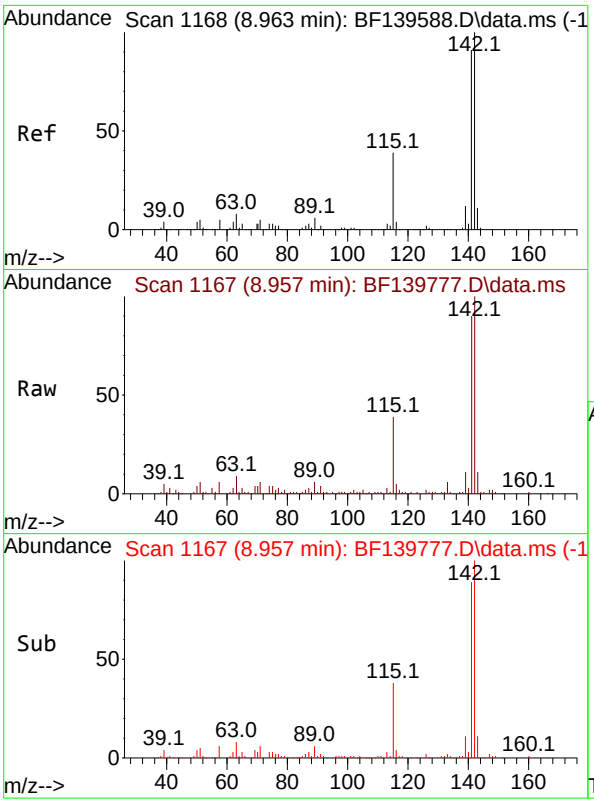


#37
2-Methylnaphthalene
Concen: 9.464 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:142 Resp: 62234

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6



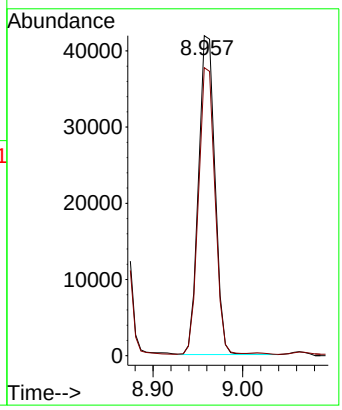


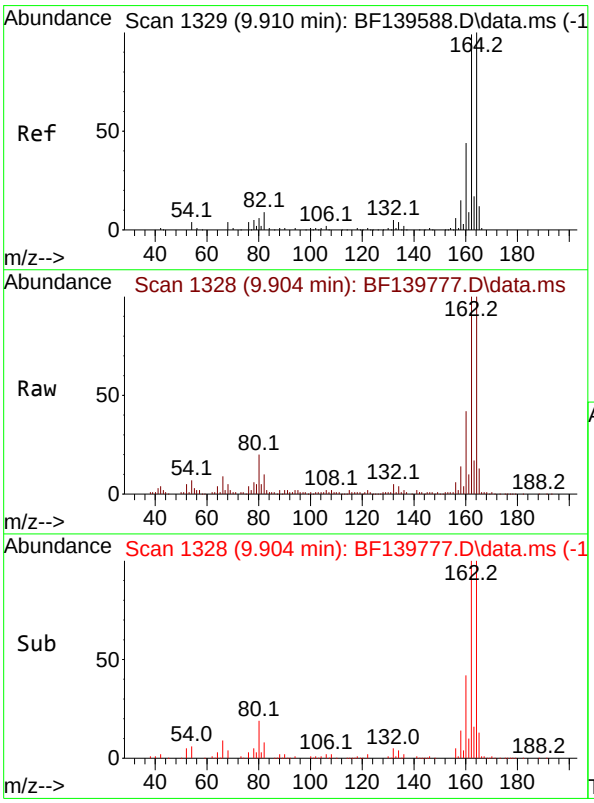
#38
1-Methylnaphthalene
Concen: 8.284 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:142 Resp: 53247

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.4

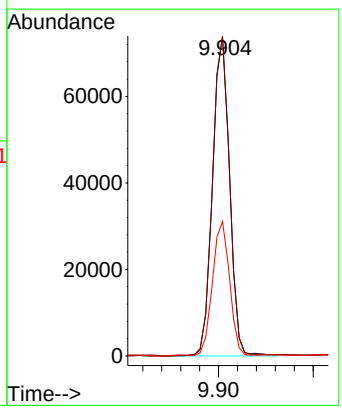


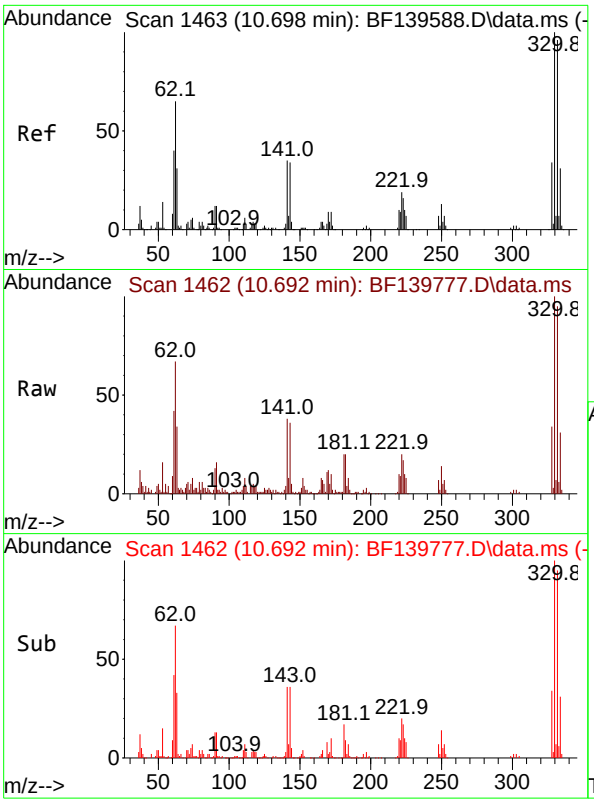


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:164 Resp: 92192

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.0
160	42.2	35.1	52.7



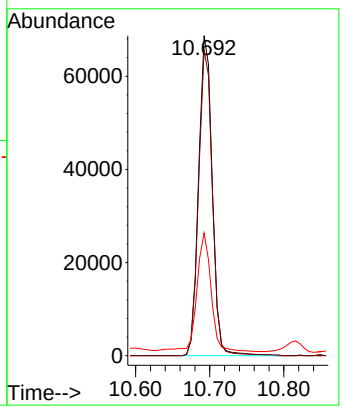


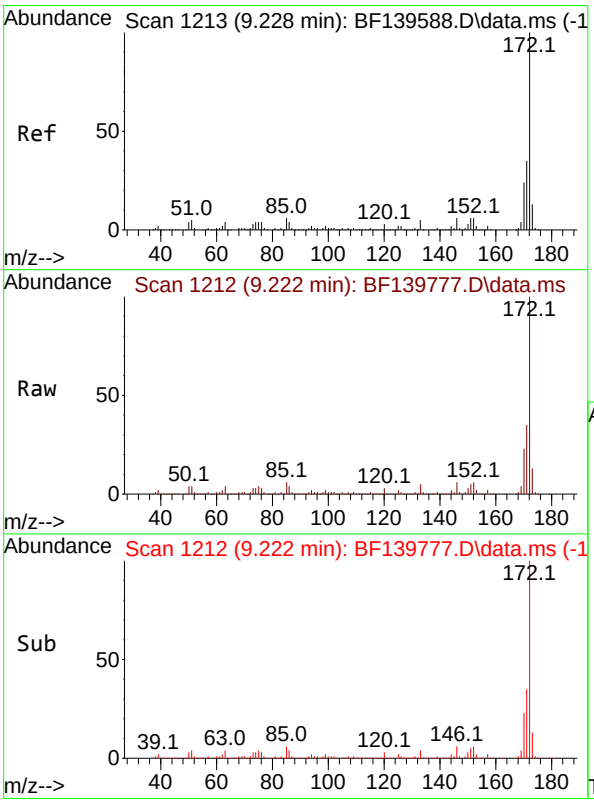
#42
2,4,6-Tribromophenol
Concen: 98.746 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:330 Resp: 87880

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	38.8	29.3	43.9

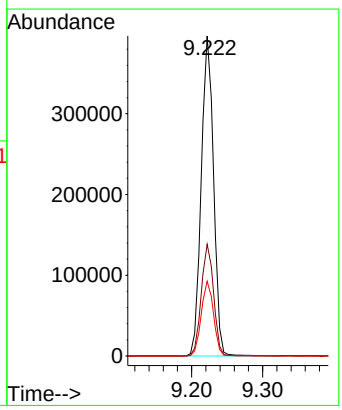


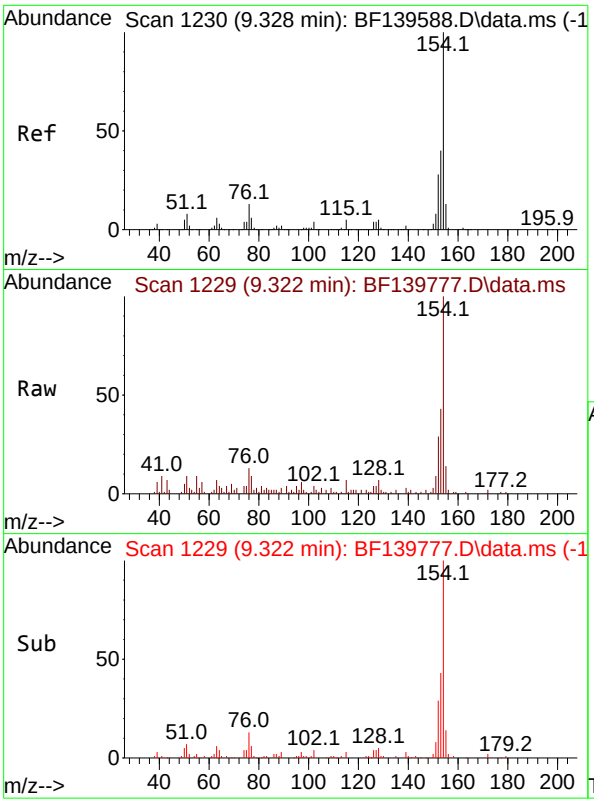


#45
2-Fluorobiphenyl
Concen: 79.844 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:172 Resp: 479488

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.4	18.8	28.2



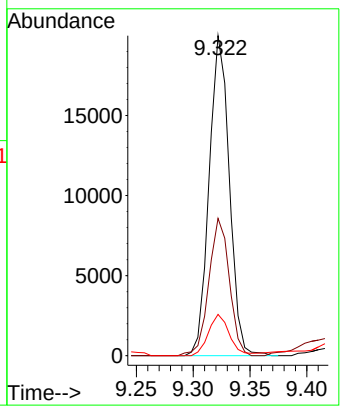


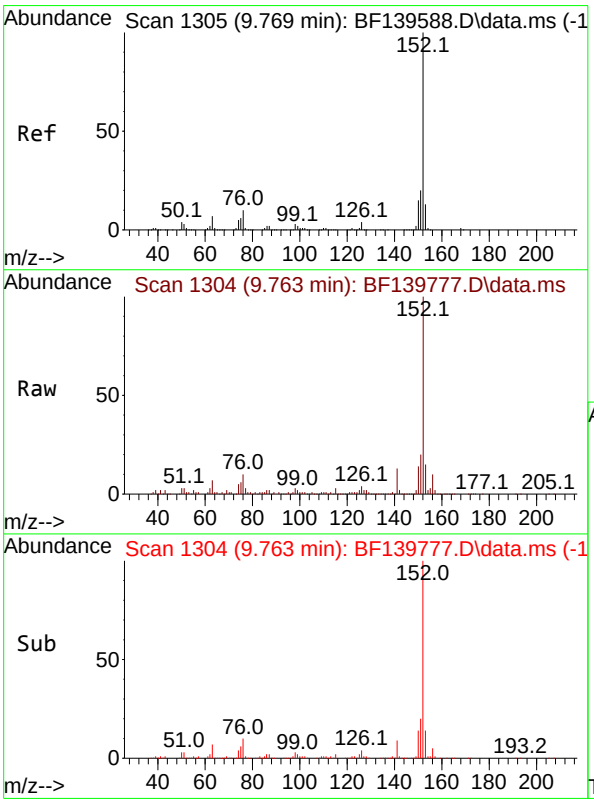
#46
1,1'-Biphenyl
Concen: 3.602 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:154 Resp: 24699

Ion	Ratio	Lower	Upper
154	100		
153	42.9	20.1	60.1
76	12.9	0.0	32.6

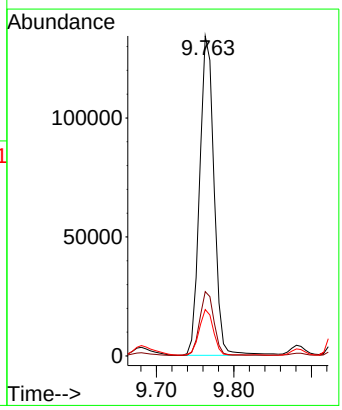


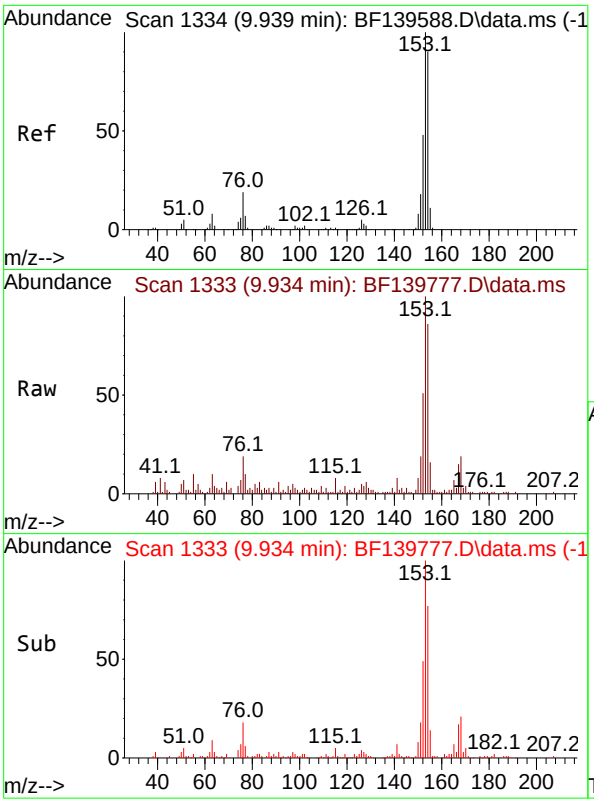


#49
Acenaphthylene
Concen: 22.175 ng
RT: 9.763 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:152 Resp: 173354

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	14.5	10.5	15.7



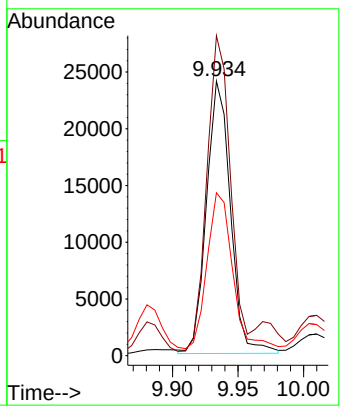


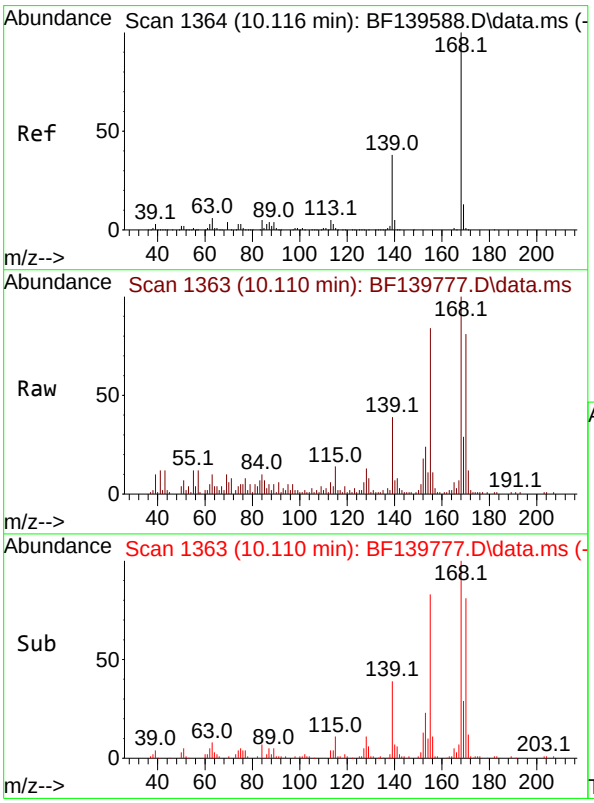
#52
Acenaphthene
Concen: 5.700 ng
RT: 9.934 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:154 Resp: 30590

Ion	Ratio	Lower	Upper
154	100		
153	116.6	88.8	133.2
152	59.3	42.5	63.7

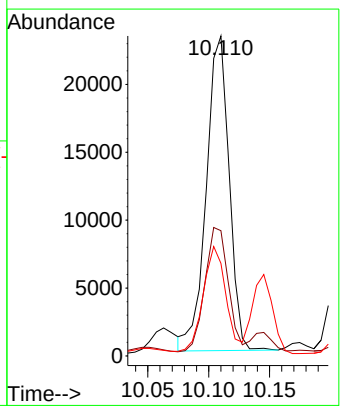


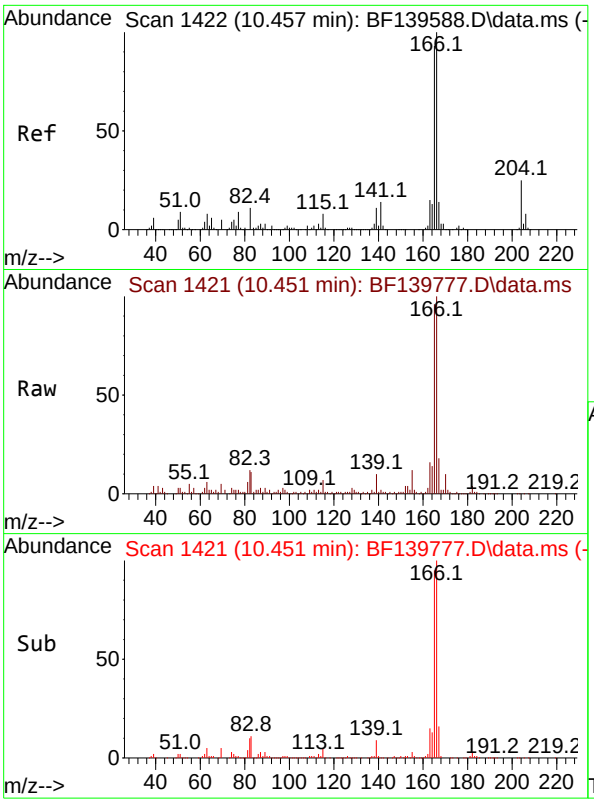


#55
Dibenzofuran
Concen: 4.034 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:168 Resp: 30311

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.4	45.6
169	28.9	10.7	16.1#



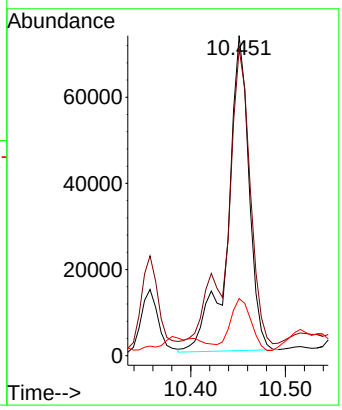


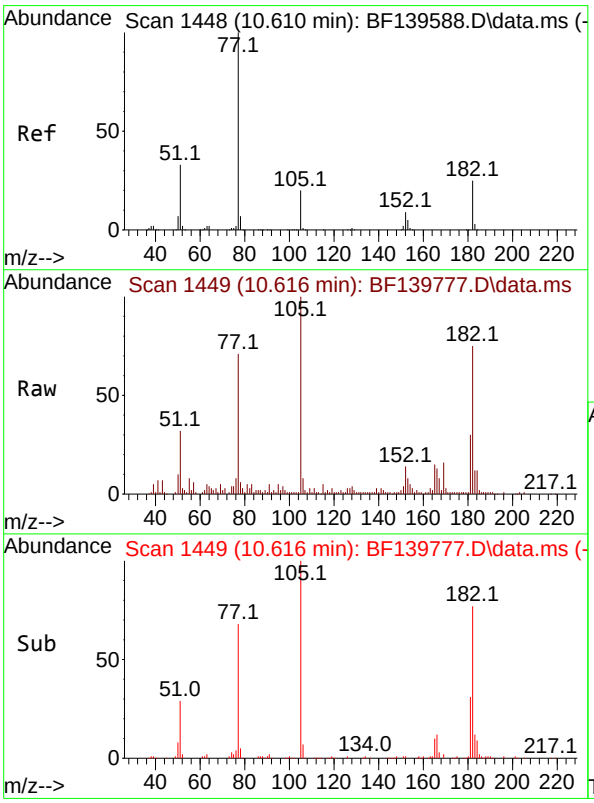
#58
Fluorene
Concen: 19.151 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:166 Resp: 114615

Ion	Ratio	Lower	Upper
166	100		
165	95.9	74.4	111.6
167	17.8	10.9	16.3#

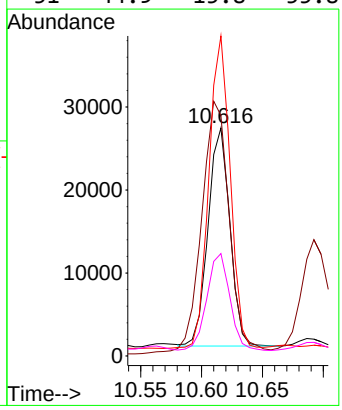


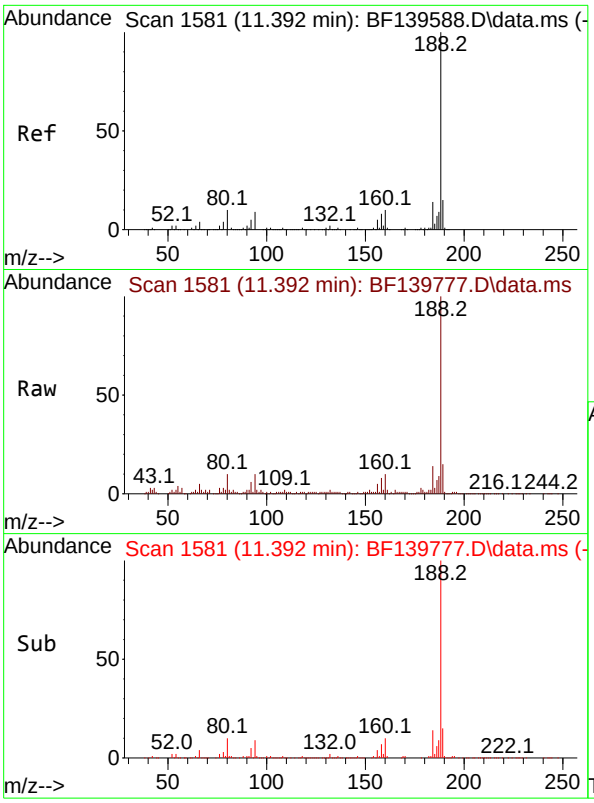


#63
Azobenzene
Concen: 5.224 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion: 77 Resp: 32750

Ion	Ratio	Lower	Upper
77	100		
182	105.5	4.2	44.2#
105	140.3	0.0	39.6#
51	44.9	15.8	55.8



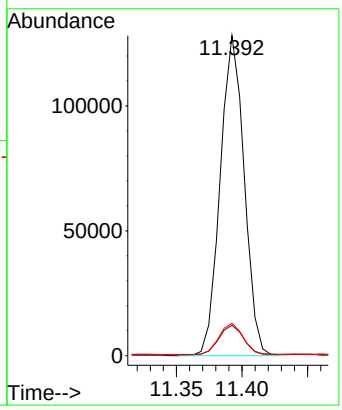


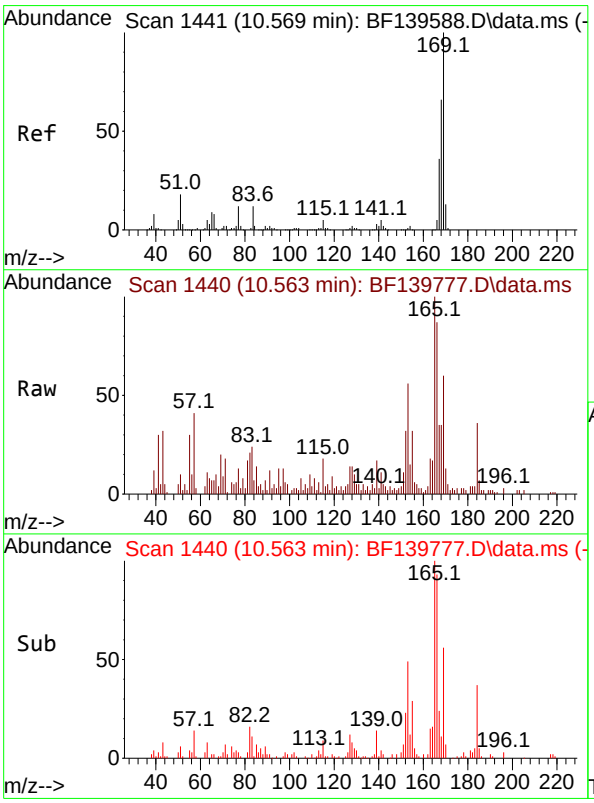
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:188 Resp: 163011

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.2	8.2	12.2

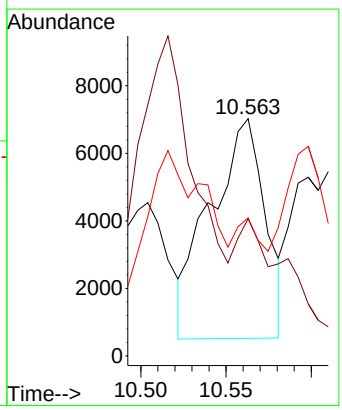


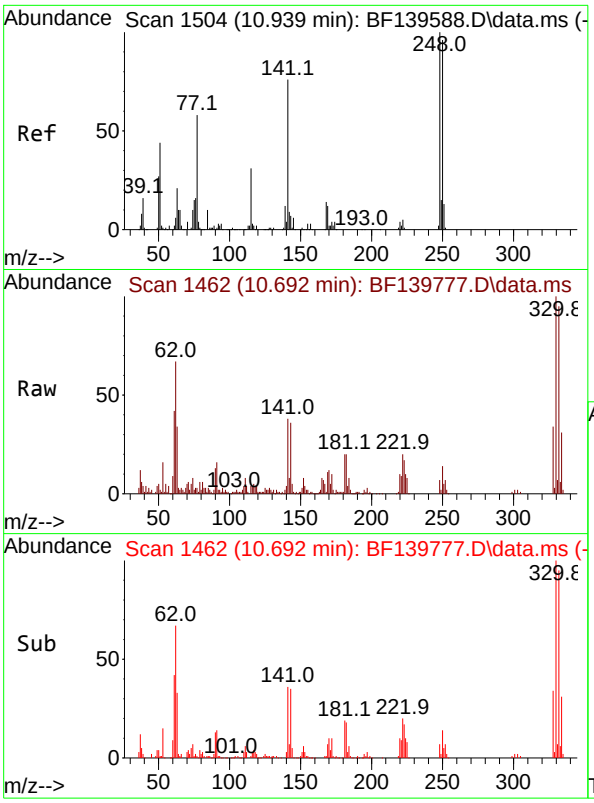


#66
n-Nitrosodiphenylamine
Concen: 3.042 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:169 Resp: 14618

Ion	Ratio	Lower	Upper
169	100		
168	57.8	53.2	79.8
167	58.2	28.6	43.0#



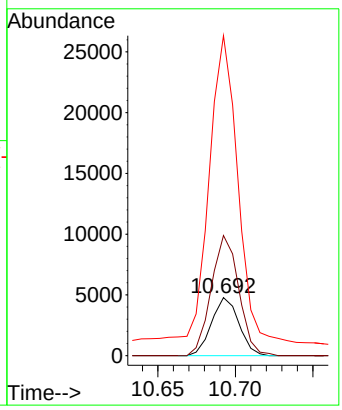


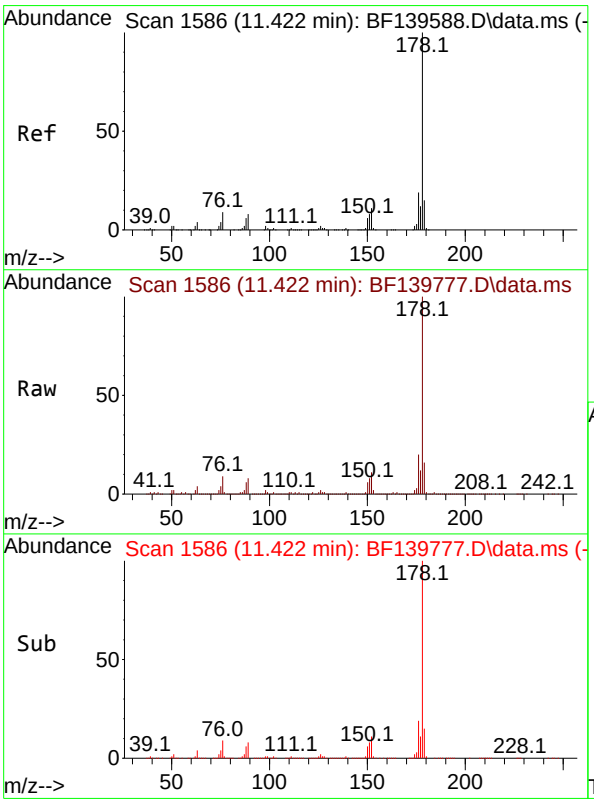
#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:248 Resp: 5870

Ion	Ratio	Lower	Upper
248	100		
250	207.0	77.1	115.7#
141	551.7	60.4	90.6#

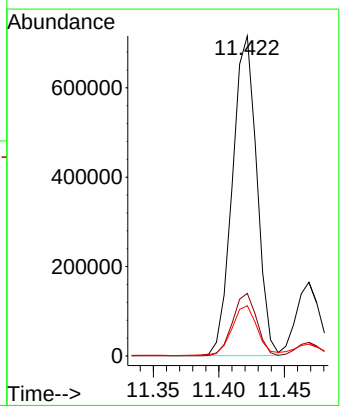


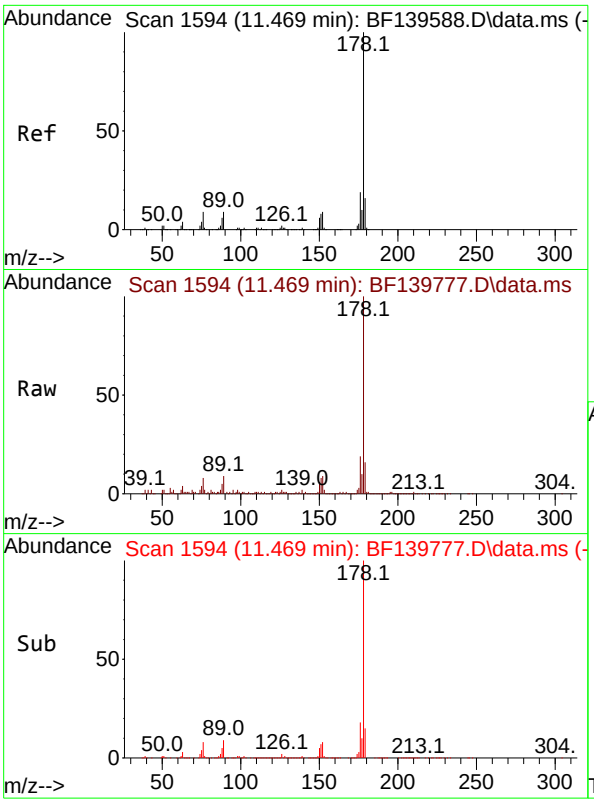


#71
Phenanthrene
Concen: 120.382 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:178 Resp: 925270

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.7	12.3	18.5





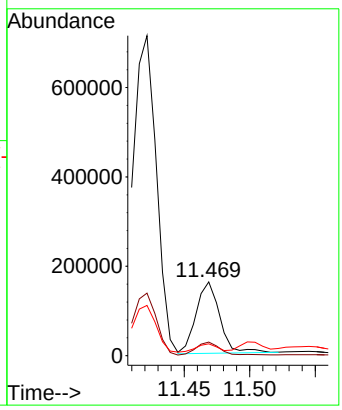
#72
Anthracene
Concen: 26.475 ng
RT: 11.469 min Scan# 1

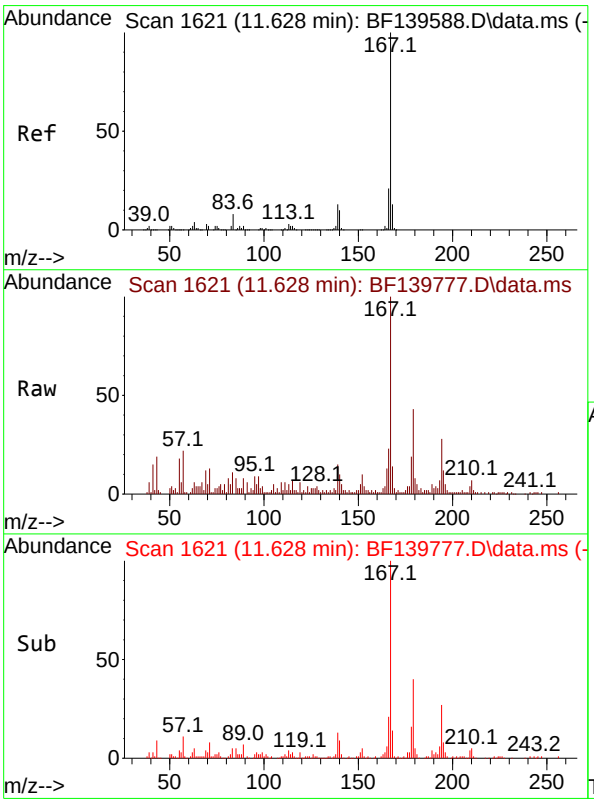
Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:178 Resp: 201311

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	16.0	12.5	18.7

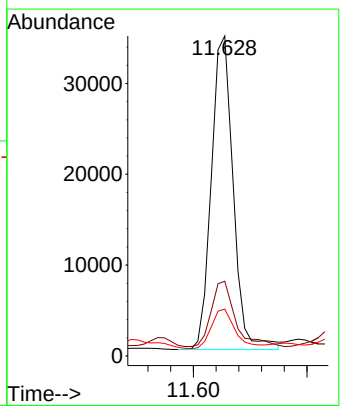


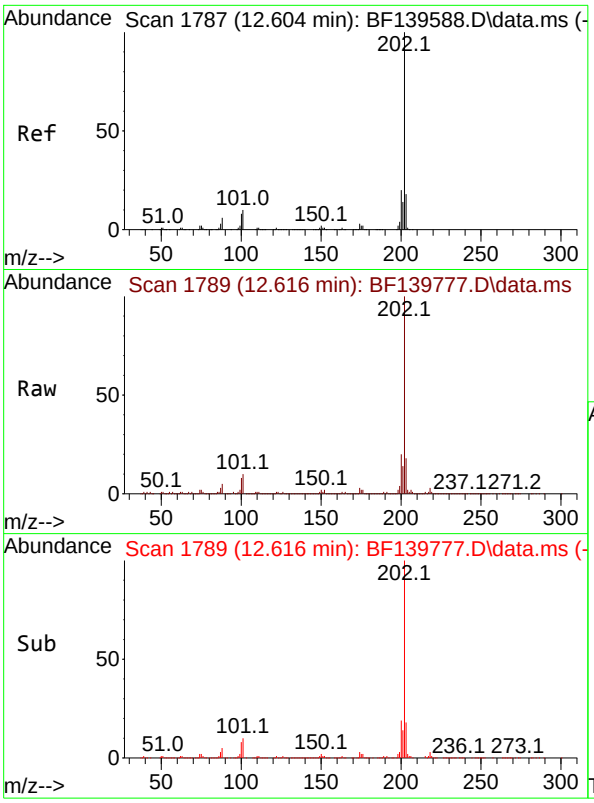


#73
Carbazole
Concen: 6.329 ng
RT: 11.628 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:167 Resp: 46223

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.2	25.8
139	14.6	10.3	15.5



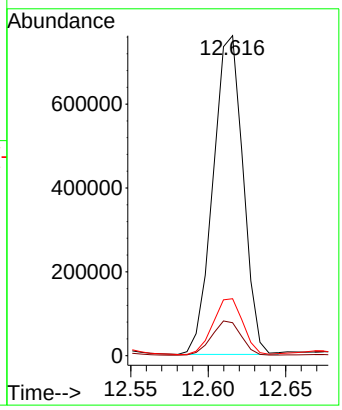


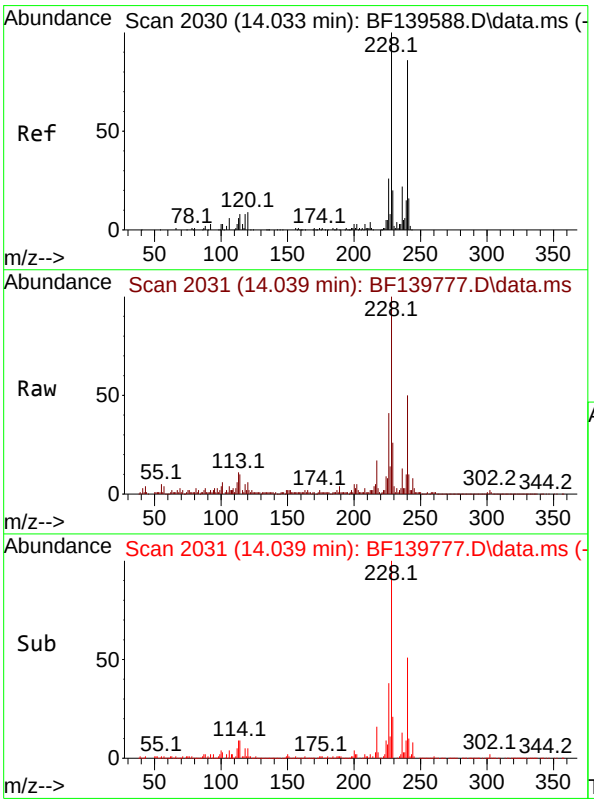
#75
Fluoranthene
Concen: 121.618 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:202 Resp: 1021840

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.2
203	17.8	0.0	37.7

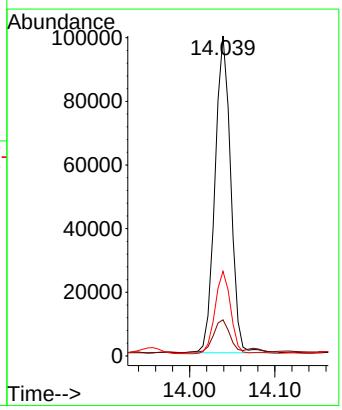


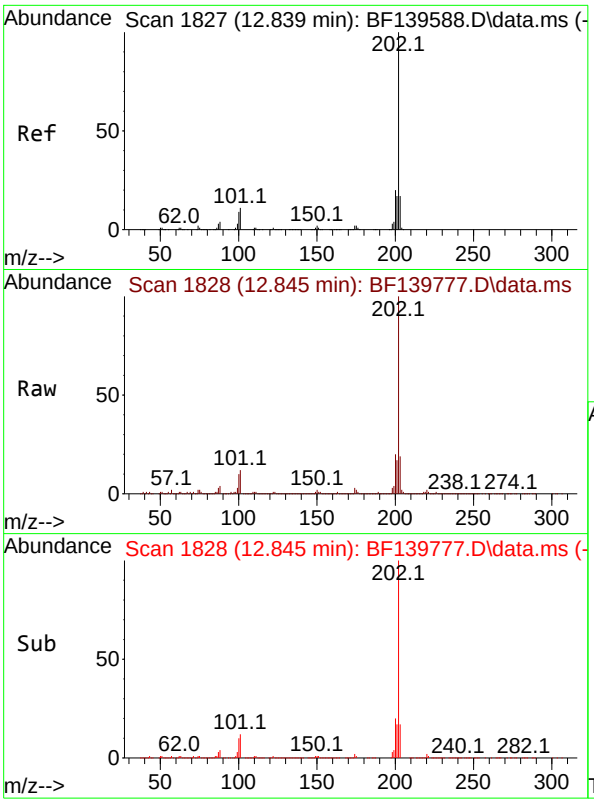


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:240 Resp: 127716

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	26.5	20.3	30.5



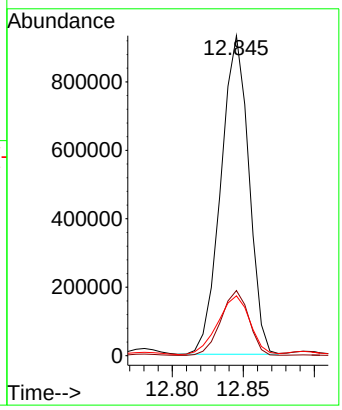


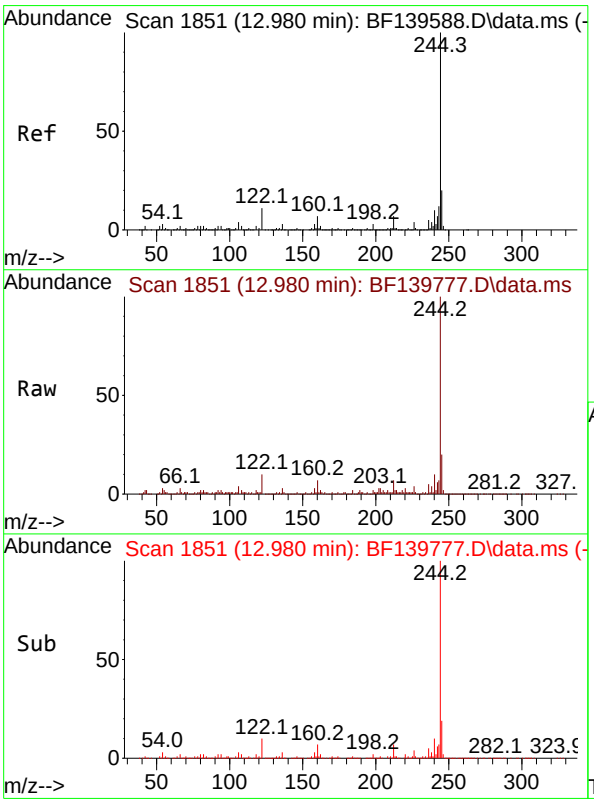
#78
Pyrene
Concen: 111.562 ng
RT: 12.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:202 Resp: 1274356

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.8	23.6
203	18.7	13.8	20.8

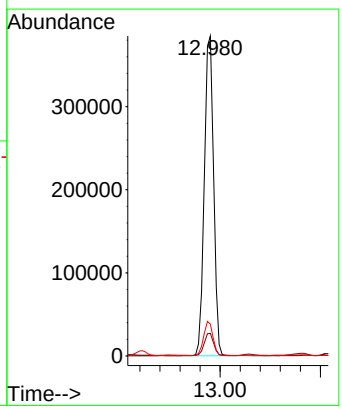


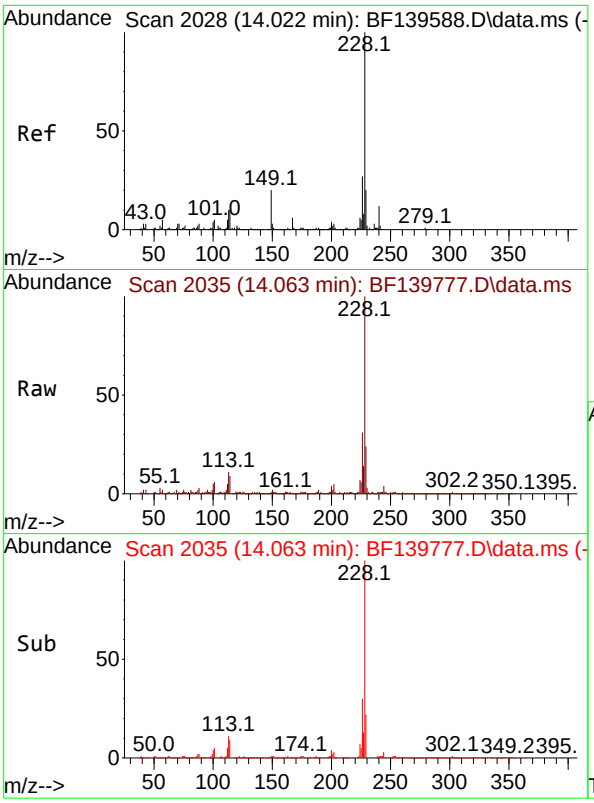


#79
Terphenyl-d14
Concen: 64.016 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:244 Resp: 498273

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.0	8.6	12.8



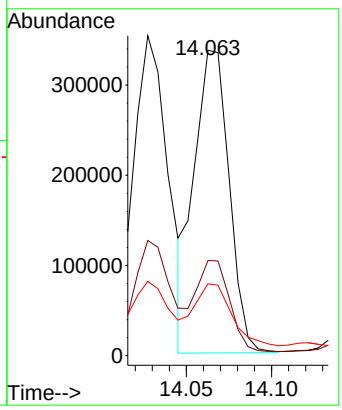


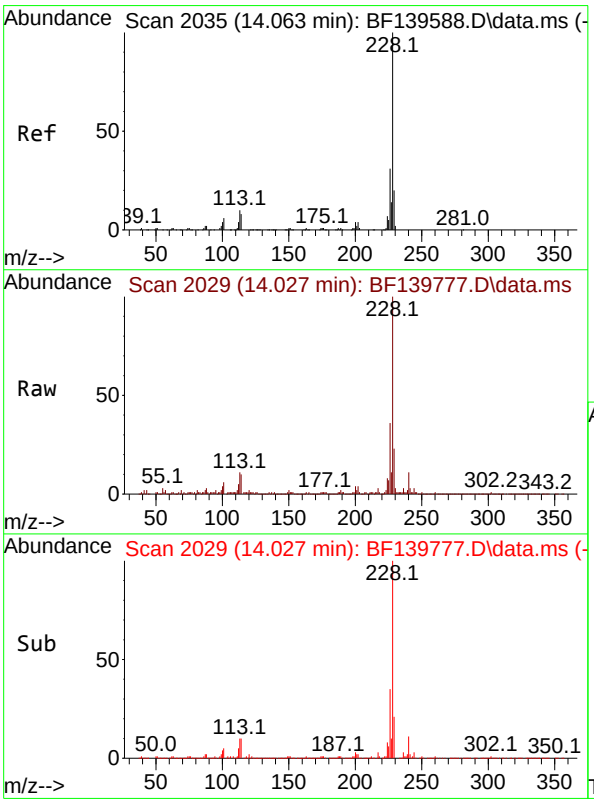
#81
Benzo(a)anthracene
Concen: 57.351 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.041 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:228 Resp: 481565

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.8	32.8
229	23.5	15.8	23.8

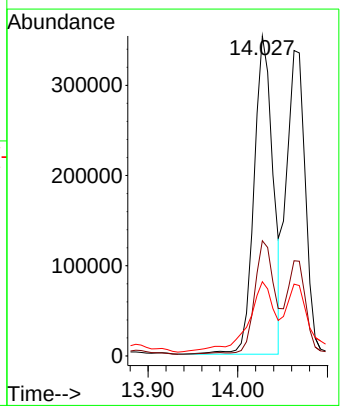


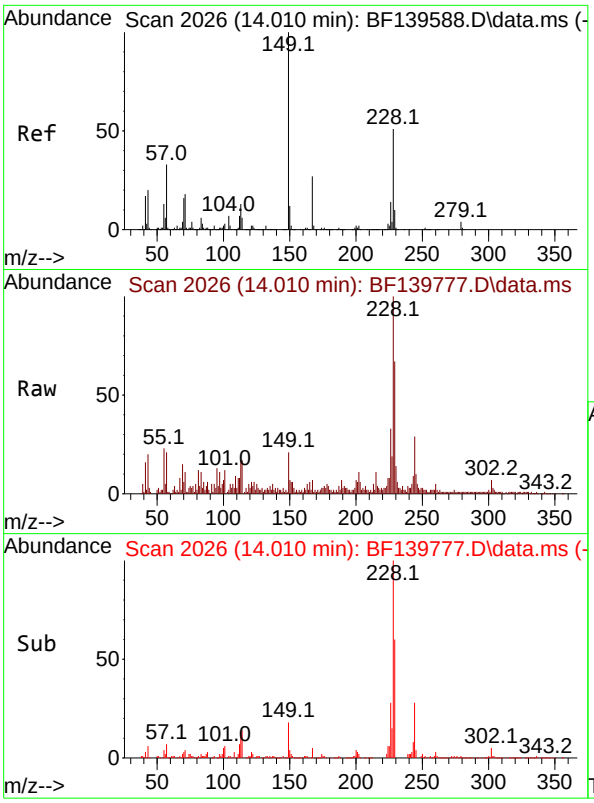


#83
Chrysene
Concen: 67.778 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.035 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:228 Resp: 520321

Ion	Ratio	Lower	Upper
228	100		
226	36.0	24.3	36.5
229	23.2	15.7	23.5



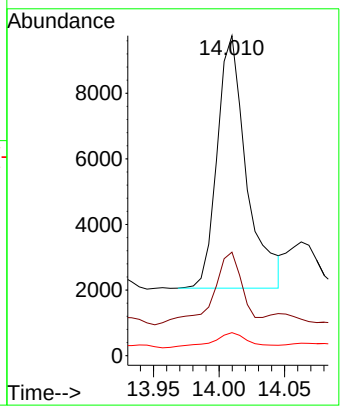


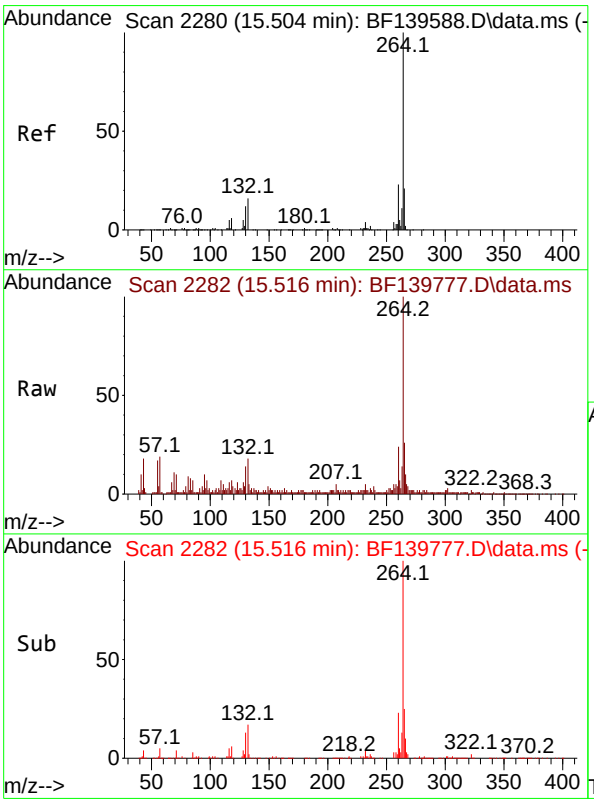
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.347 ng
RT: 14.010 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:149 Resp: 11975

Ion	Ratio	Lower	Upper
149	100		
167	32.3	21.7	32.5
279	7.2	3.2	4.8#

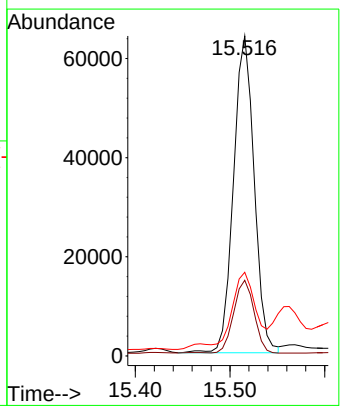


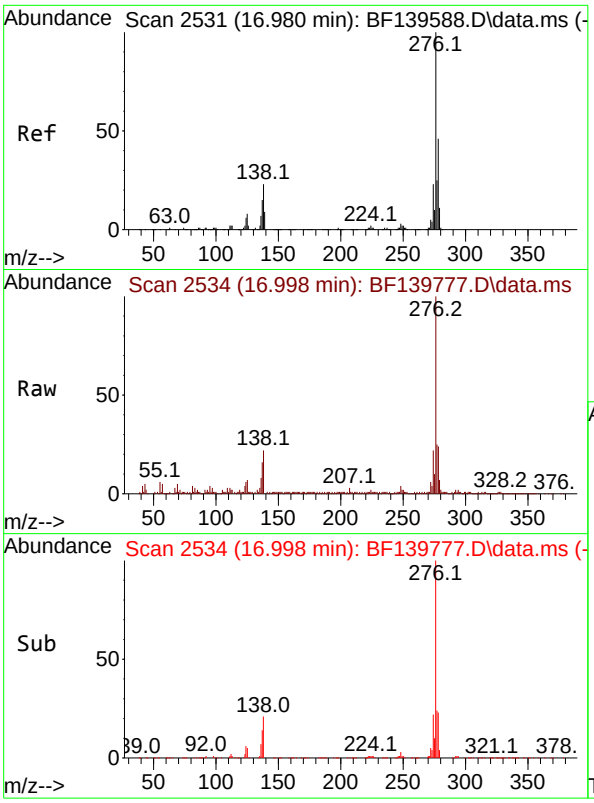


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:264 Resp: 96715

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	26.1	16.9	25.3#



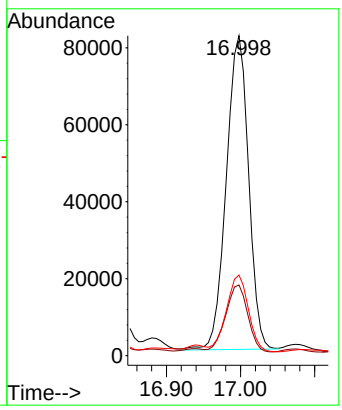


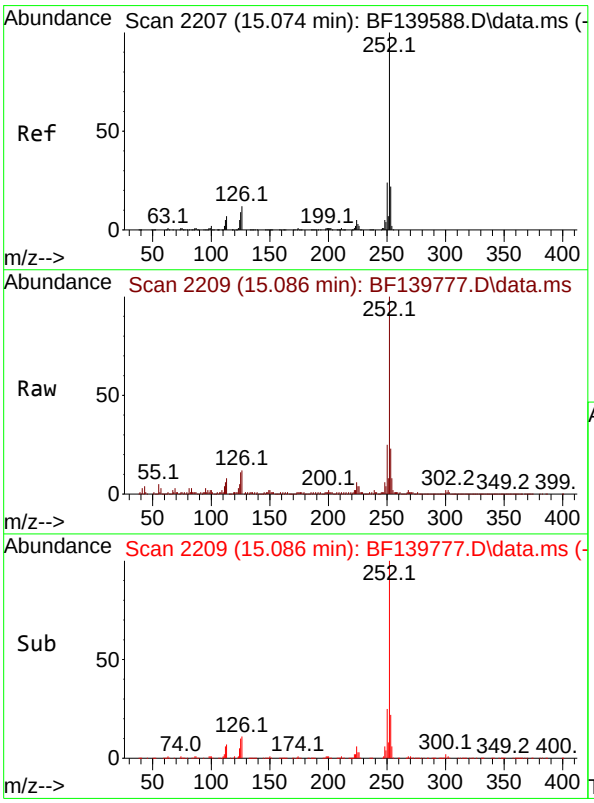
#87
Indeno(1,2,3-cd)pyrene
Concen: 29.943 ng
RT: 16.998 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:276 Resp: 170449

Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.4	29.0
277	24.1	20.2	30.2

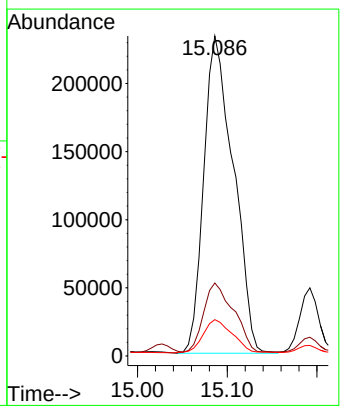


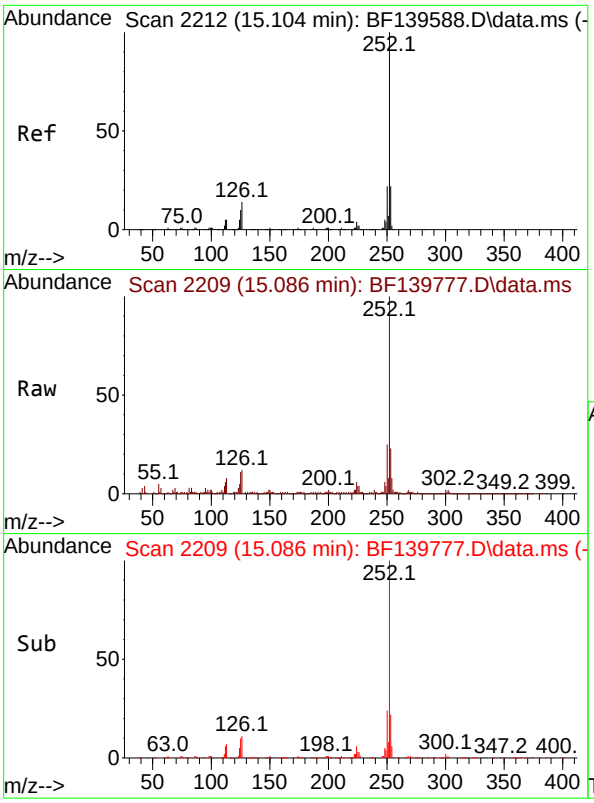


#88
Benzo(b)fluoranthene
Concen: 85.425 ng
RT: 15.086 min Scan# 2209
Delta R.T. 0.012 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:252 Resp: 534199

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.3	7.4	11.0#



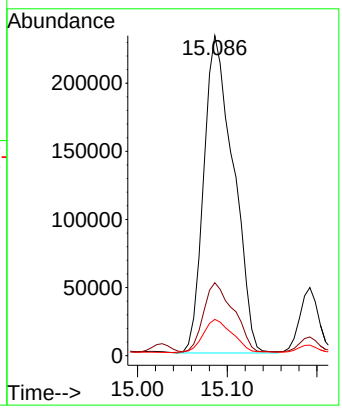


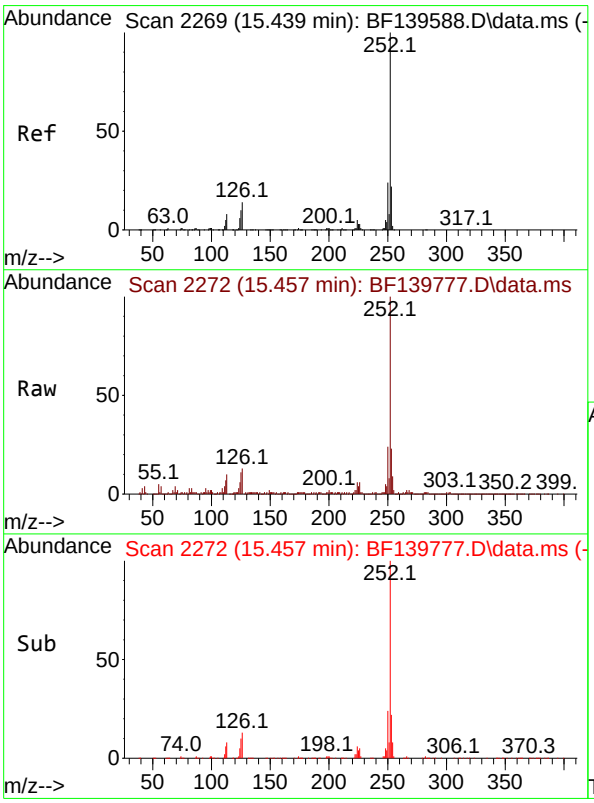
#89
Benzo(k)fluoranthene
Concen: 100.705 ng
RT: 15.086 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:252 Resp: 534199

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.3	7.6	11.4

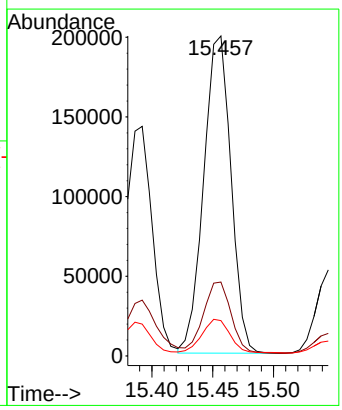


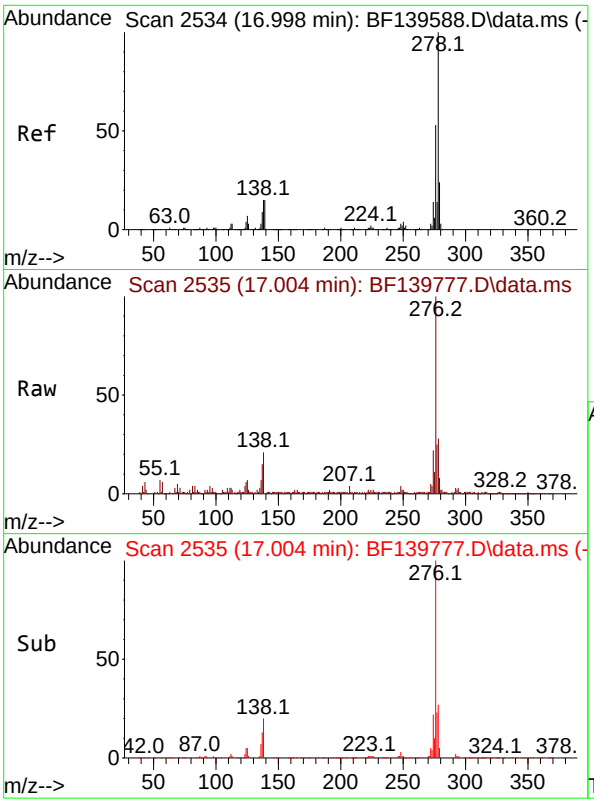


#90
Benzo(a)pyrene
Concen: 63.027 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:252 Resp: 310777

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.1	8.3	12.5



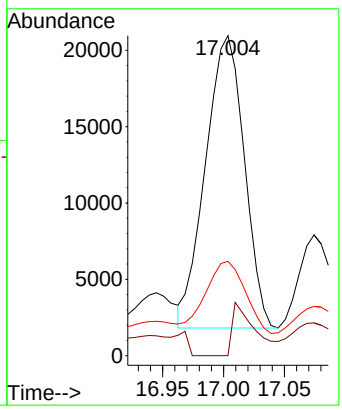


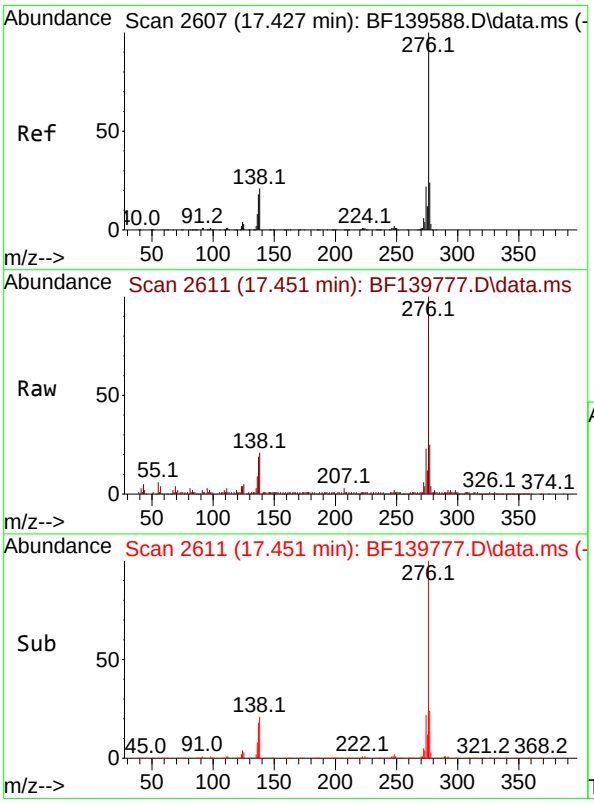
#91
Dibenzo(a,h)anthracene
Concen: 9.000 ng
RT: 17.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0

Tgt Ion:278 Resp: 42490

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	29.5	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 42.270 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.024 min
Lab File: BF139777.D
Acq: 11 Oct 2024 16:16

Tgt Ion:276 Resp: 200151

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	21.3	17.0	25.6