Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136781.D
Acq On : 28 Dec 2023 03:09
Operator : CG\JU
Sample : 06011-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-122223

Quant Time: Dec 28 04:02:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	70273	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	248662	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	105785	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	170647	20.000	ng		0.00
76) Chrysene-d12	13.969	240	138762	20.000	ng		0.00
86) Perylene-d12	15.451	264	105120	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	75341	16.728	ng		-0.01
7) Phenol-d6	6.422	99	88747	15.207	ng		-0.02
23) Nitrobenzene-d5	7.340	82	54817	11.281	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	18109	14.535	ng		-0.01
45) 2-Fluorobiphenyl	9.134	172	108601	13.808	ng		-0.02
79) Terphenyl-d14	12.904	244	89621	9.026	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	7178	2.029	ng	#	73
25) Isophorone	7.340	82	54817	6.199	ng	#	65
37) 2-Methylnaphthalene	8.769	142	28000	3.185	ng		90
38) 1-Methylnaphthalene	8.869	142	33593	3.895	ng		95
50) Dimethylphthalate	9.816	163	21674	2.805	ng	#	1
51) 2,6-Dinitrotoluene	9.816	165	14921	8.509	ng	#	31
52) Acenaphthene	9.845	154	40216	6.290	ng		96
55) Dibenzofuran	10.022	168	26268	2.710	ng	#	96
58) Fluorene	10.363	166	53076	6.901	ng		99
71) Phenanthrene	11.333	178	334843	38.241	ng		99
72) Anthracene	11.386	178	79653	8.983	ng		98
75) Fluoranthene	12.527	202	307997	32.885	ng		97
78) Pyrene	12.763	202	345909	25.394	ng		100
81) Benzo(a)anthracene	13.957	228	169493	17.591	ng		96
83) Chrysene	13.992	228	147496	15.654	ng		97
84) Bis(2-ethylhexyl)phtha...	13.951	149	60585	9.715	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	44281	5.834	ng		93
88) Benzo(b)fluoranthene	15.016	252	168955	24.064	ng	#	95
89) Benzo(k)fluoranthene	15.016	252	168955	25.467	ng	#	96
90) Benzo(a)pyrene	15.386	252	89386	15.082	ng	#	98
91) Dibenzo(a,h)anthracene	16.962	278	12894	2.071	ng	#	58
92) Benzo(g,h,i)perylene	17.410	276	42471	6.660	ng		93

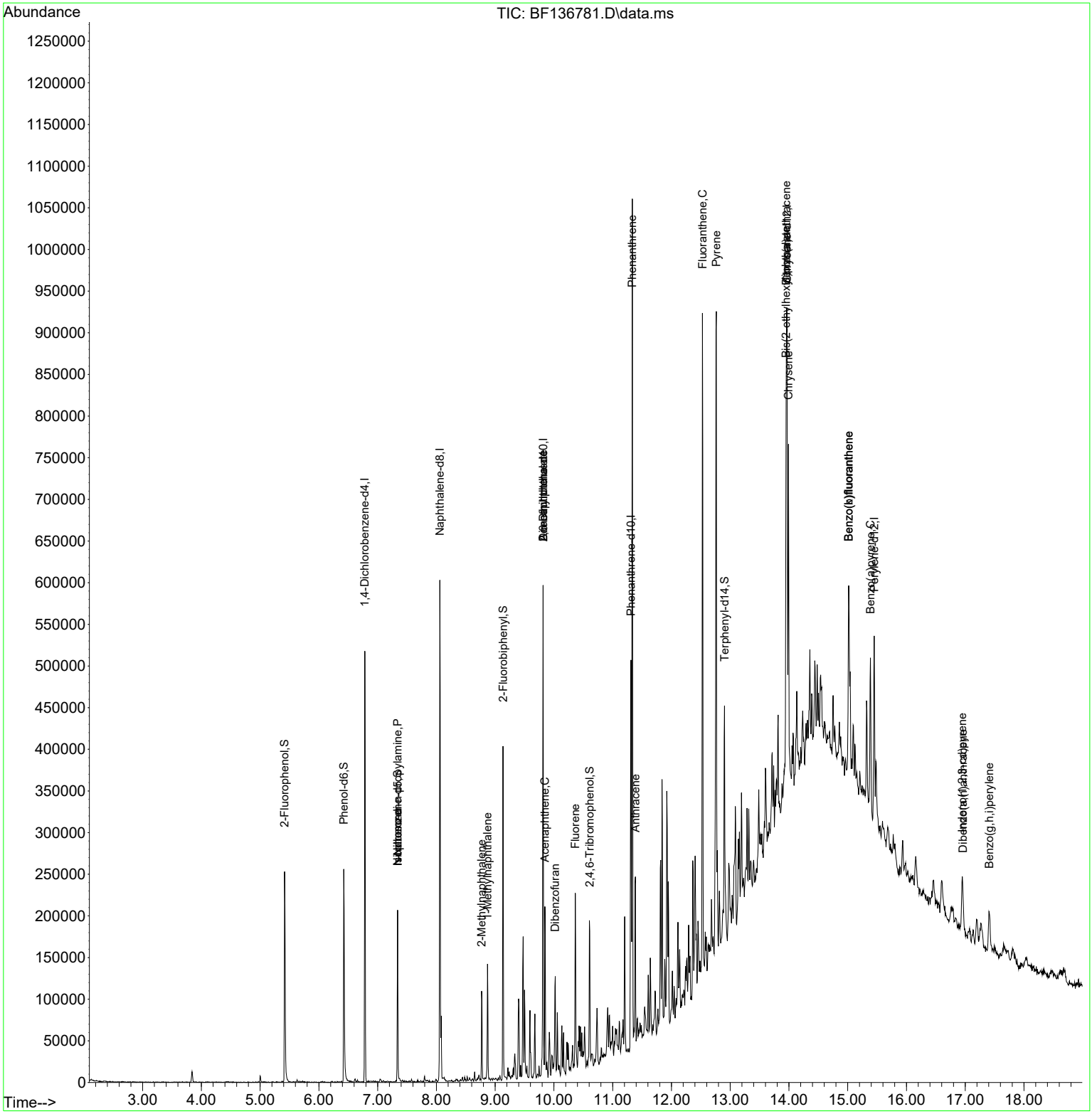
(#) = qualifier out of range (m) = manual integration (+) = signals summed

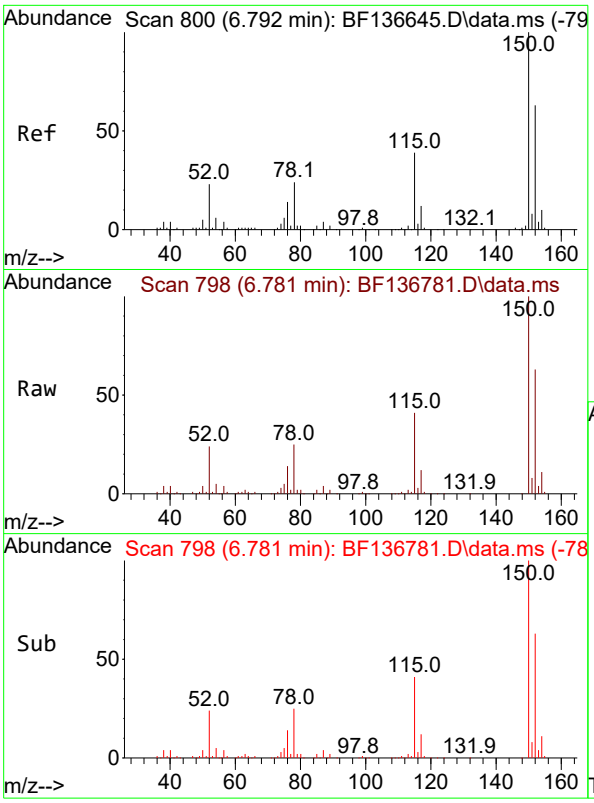
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136781.D
Acq On : 28 Dec 2023 03:09
Operator : CG\JU
Sample : 06011-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Quant Time: Dec 28 04:02:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



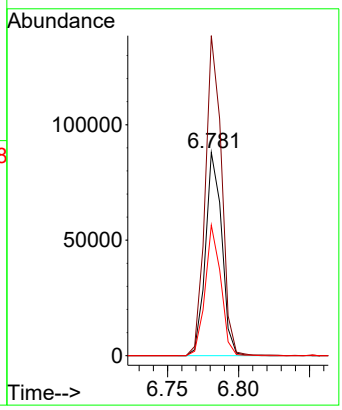


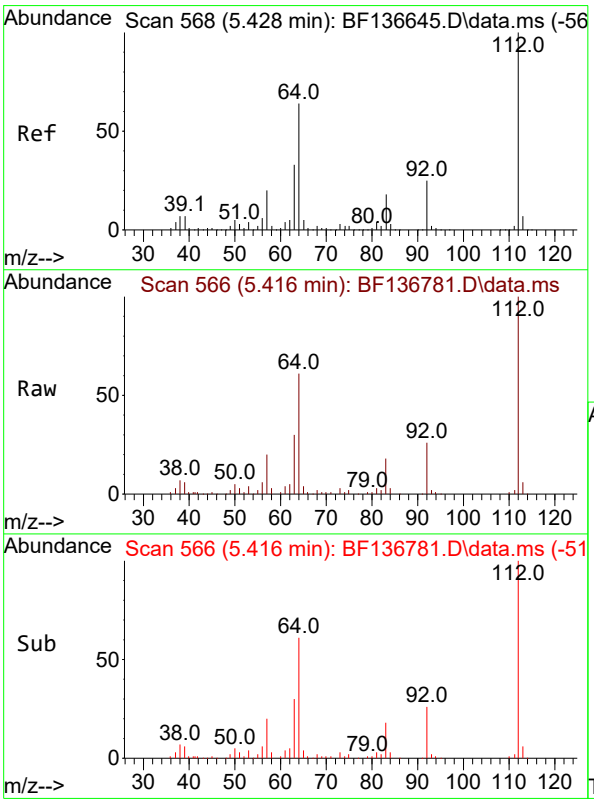
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:152 Resp: 70273

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.0	190.6
115	64.3	49.0	73.4

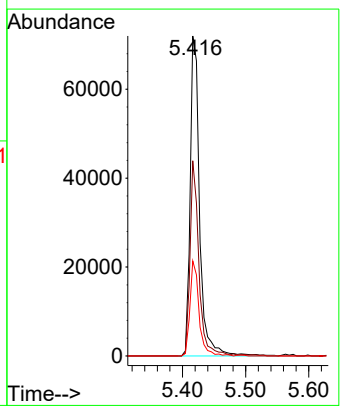


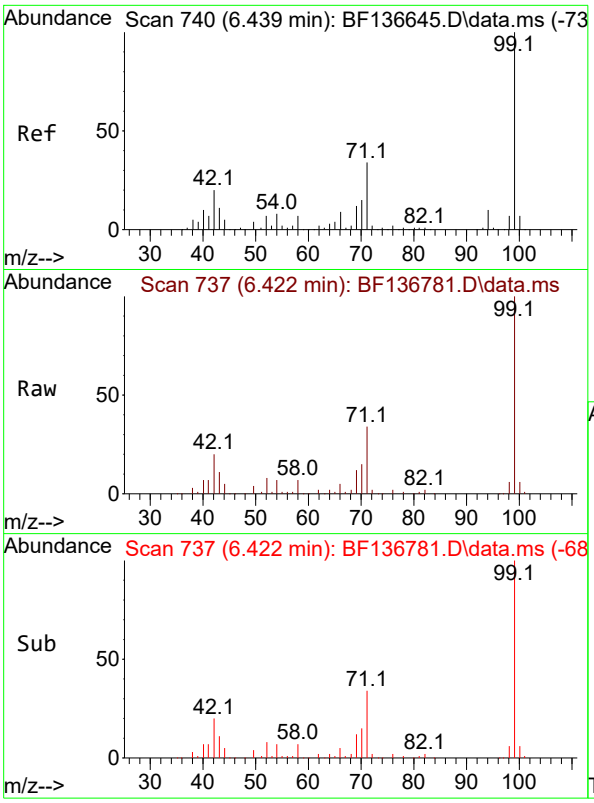


#5
2-Fluorophenol
Concen: 16.728 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:112 Resp: 75341

Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.1	76.7
63	29.7	26.1	39.1



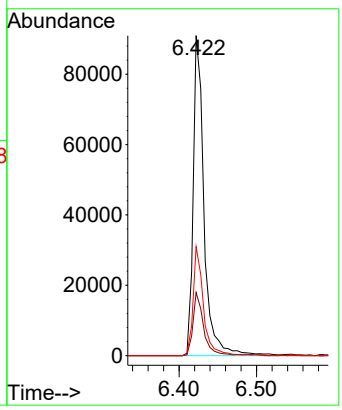


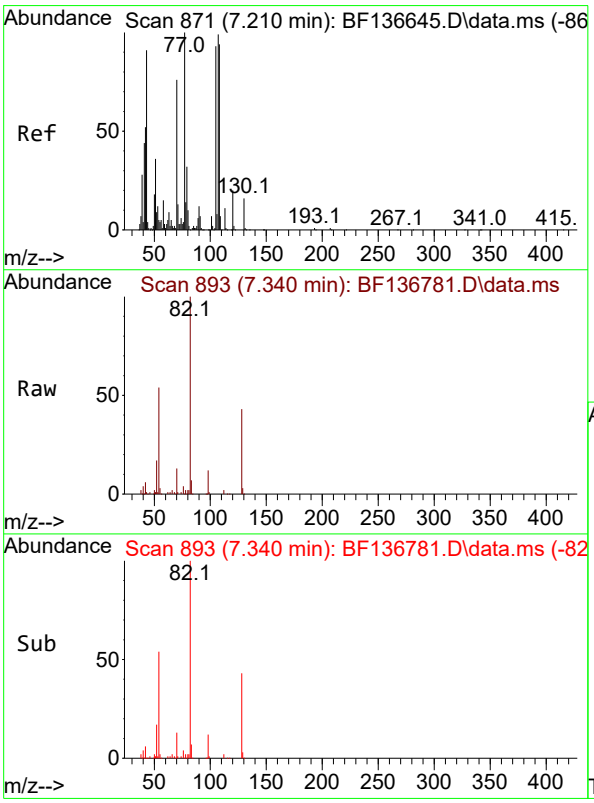
#7
Phenol-d6
Concen: 15.207 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion: 99 Resp: 88747

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.1	24.1
71	34.1	27.4	41.2

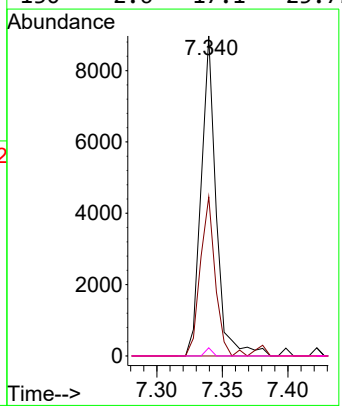


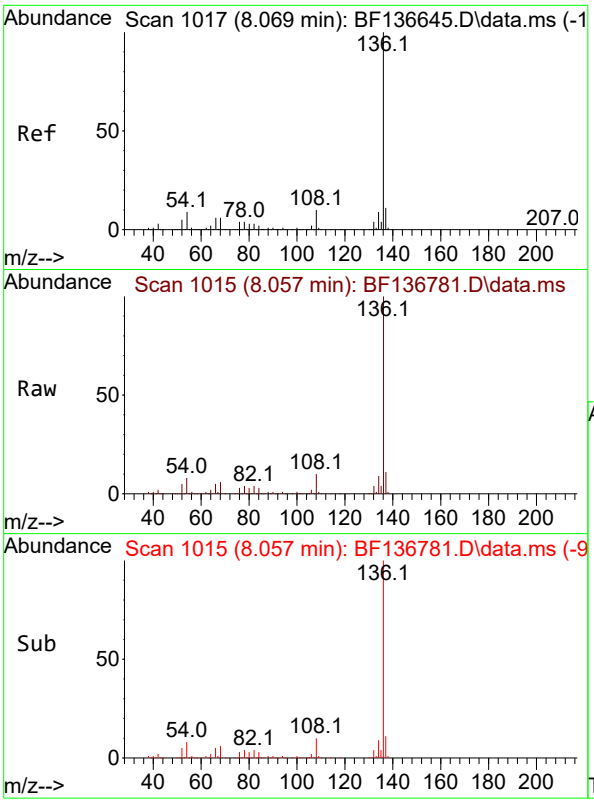


#19
n-Nitroso-di-n-propylamine
Concen: 2.029 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion: 70 Resp: 7178

Ion	Ratio	Lower	Upper
70	100		
42	49.7	54.2	81.4#
101	0.0	7.6	11.4#
130	2.6	17.1	25.7#



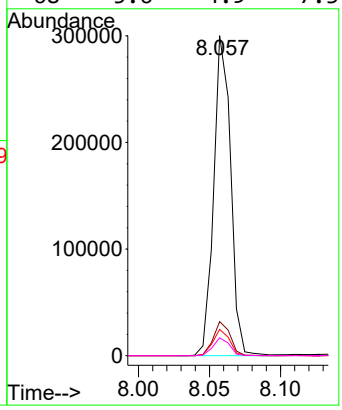


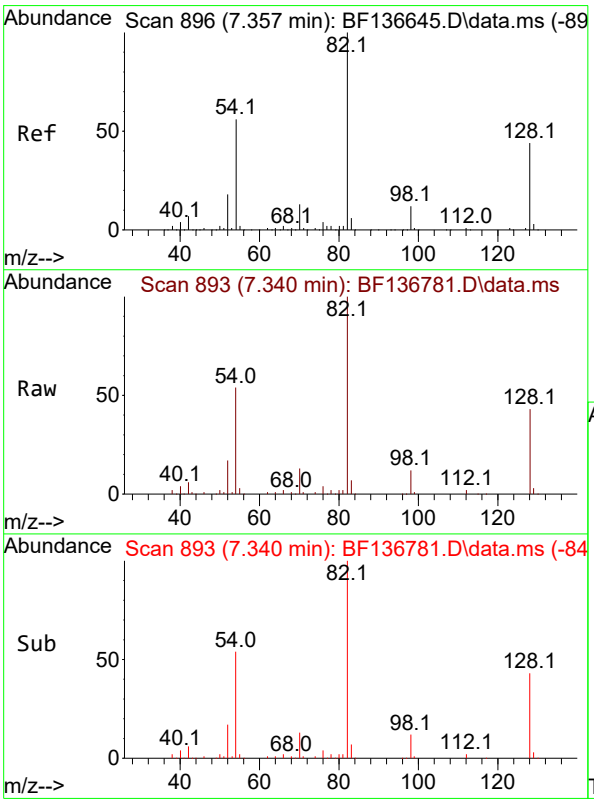
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:136 Resp: 248662

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.2	7.2	10.8
68	5.6	4.9	7.3

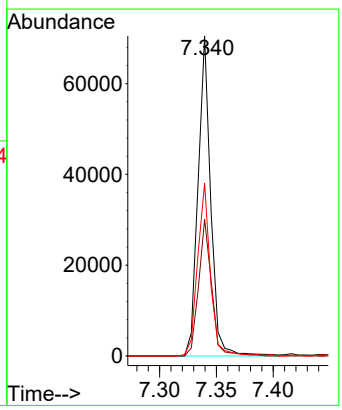


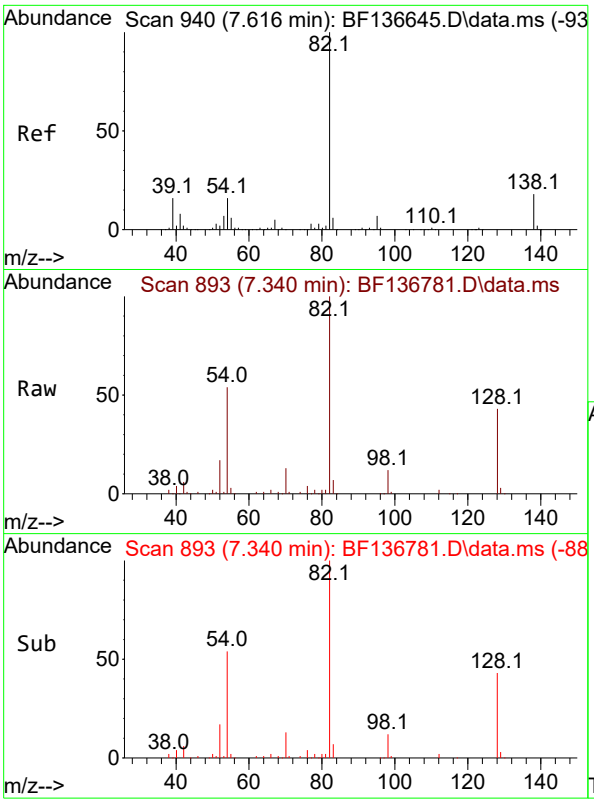


#23
Nitrobenzene-d5
Concen: 11.281 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion: 82 Resp: 54817

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.3	52.9
54	53.9	44.5	66.7



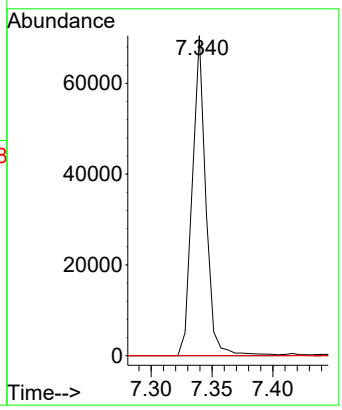


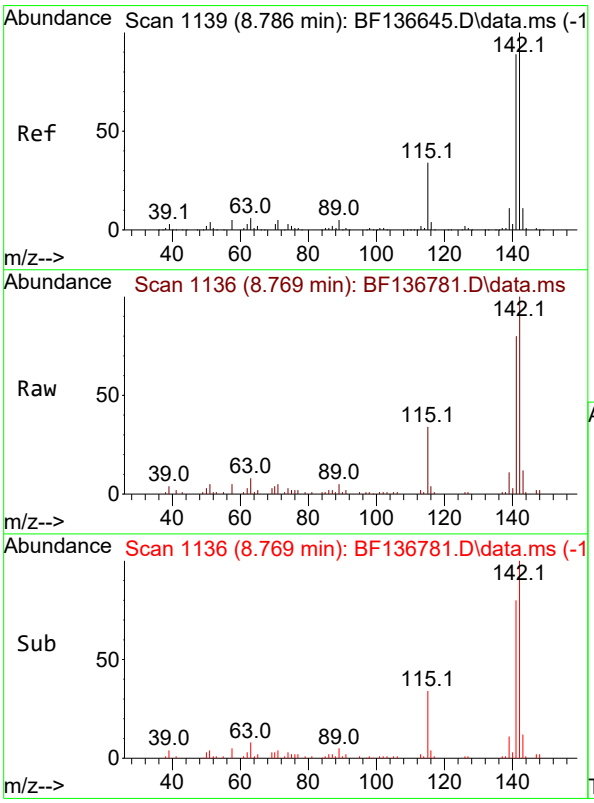
#25
Isophorone
Concen: 6.199 ng
RT: 7.340 min Scan# 8
Delta R.T. -0.276 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion: 82 Resp: 54817

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.5	21.7#

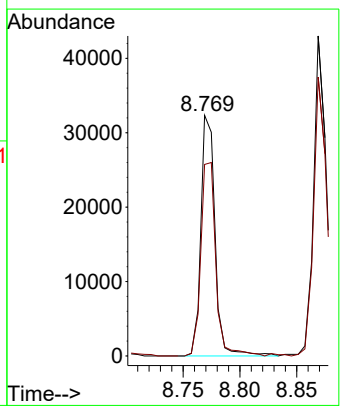


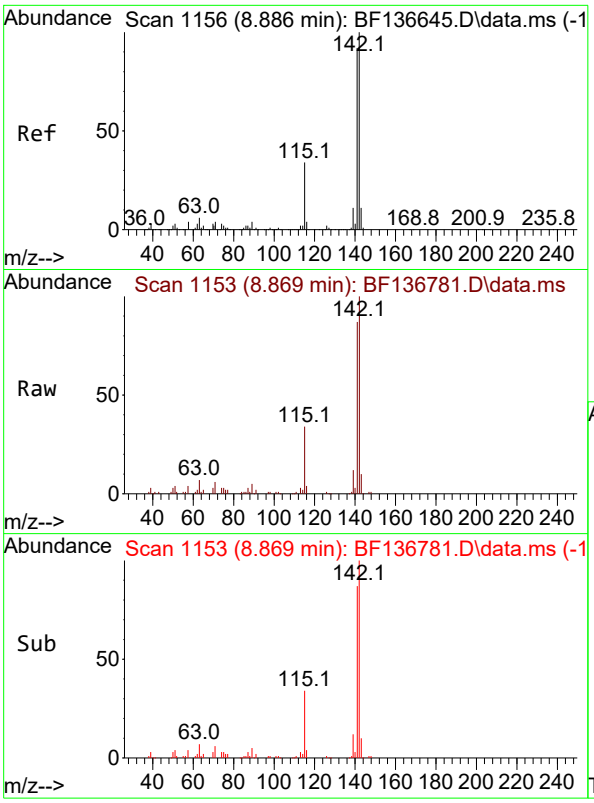


#37
2-Methylnaphthalene
Concen: 3.185 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.017 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:142 Resp: 28000

Ion	Ratio	Lower	Upper
142	100		
141	79.6	71.1	106.7



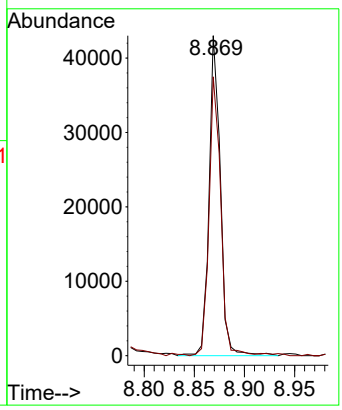


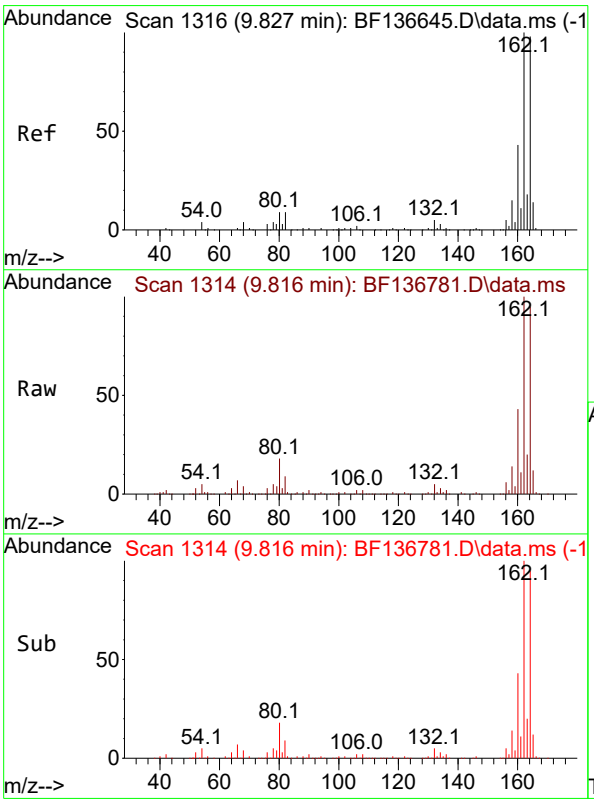
#38
1-Methylnaphthalene
Concen: 3.895 ng
RT: 8.869 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:142 Resp: 33593

Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.6	110.4

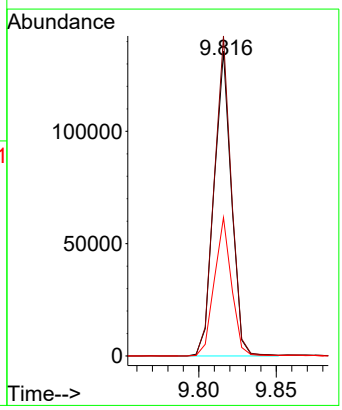


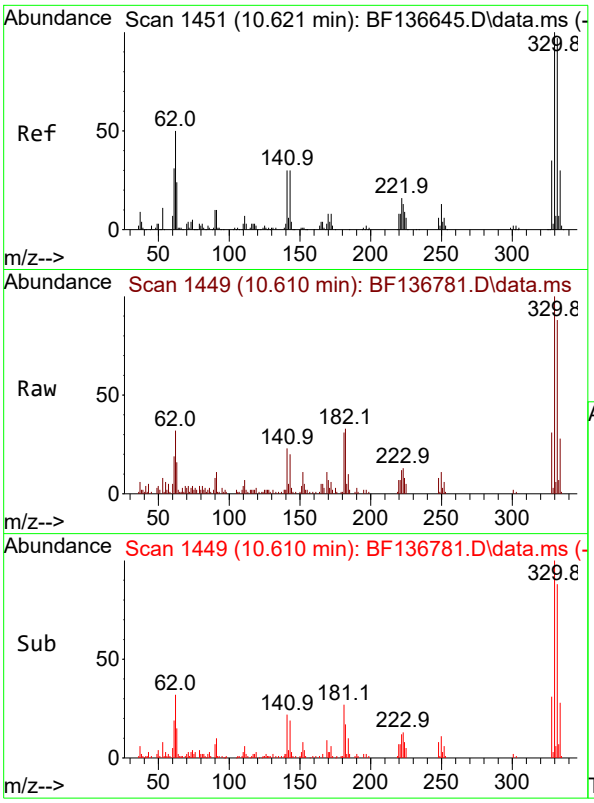


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:164 Resp: 105785

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.6	122.4
160	45.5	34.9	52.3



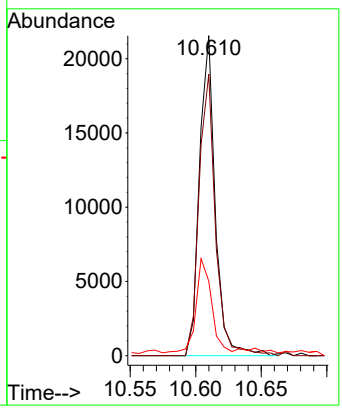


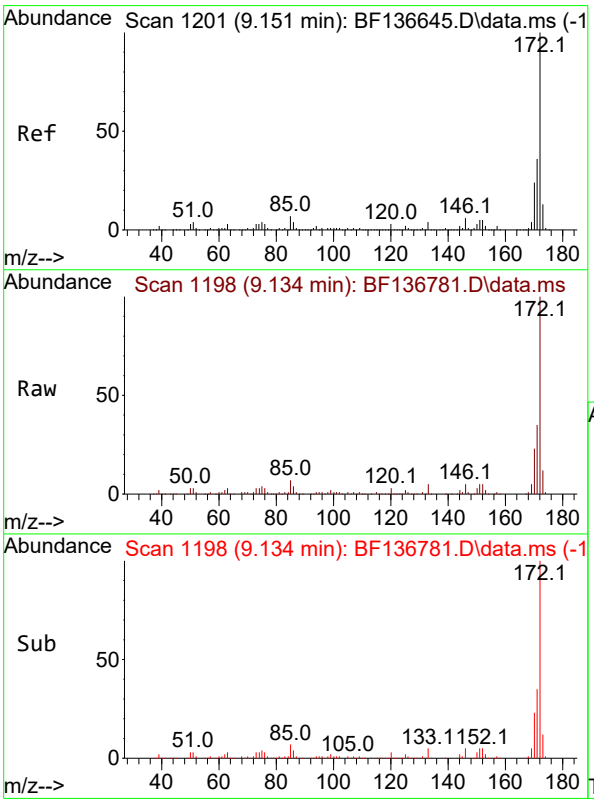
#42
2,4,6-Tribromophenol
Concen: 14.535 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:330 Resp: 18109

Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.4	116.0
141	28.5	23.4	35.2

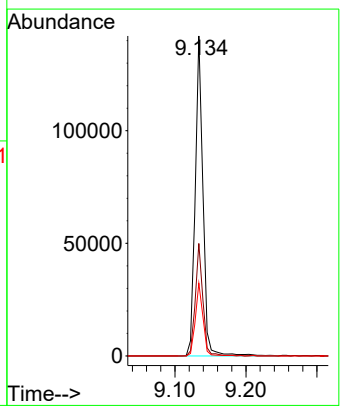


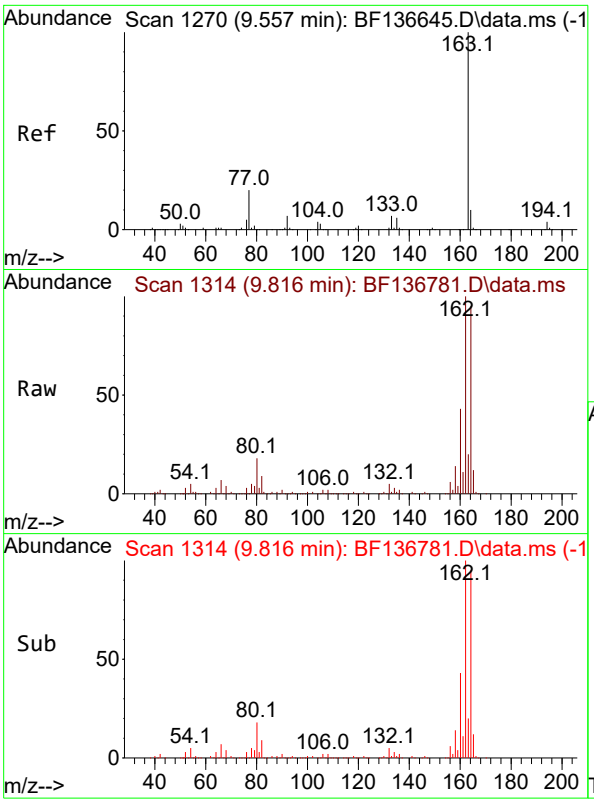


#45
2-Fluorobiphenyl
Concen: 13.808 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:172 Resp: 108601

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.6
170	22.7	19.0	28.4



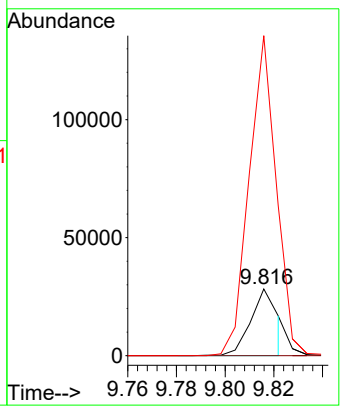


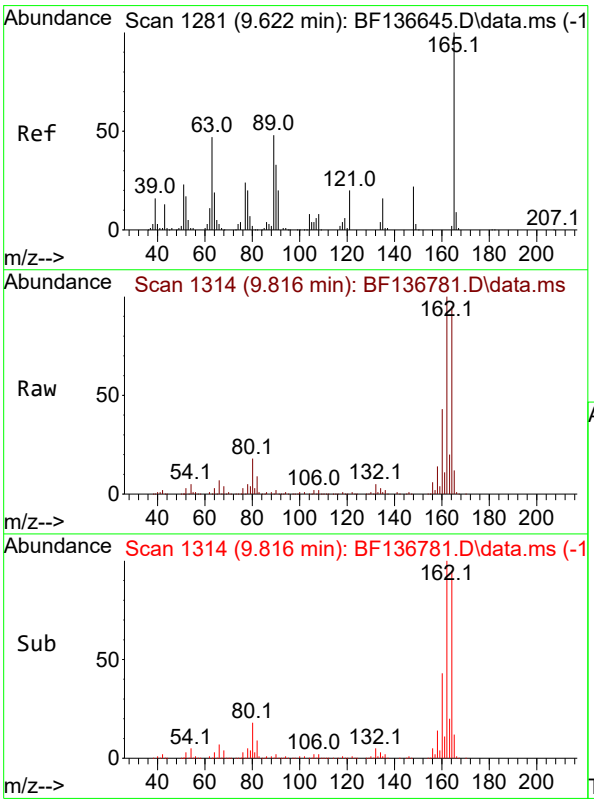
#50
Dimethylphthalate
Concen: 2.805 ng
RT: 9.816 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:163 Resp: 21674

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	479.7	7.8	11.6#

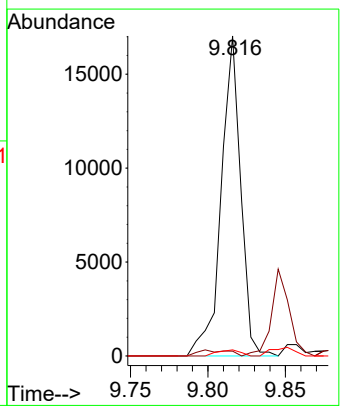


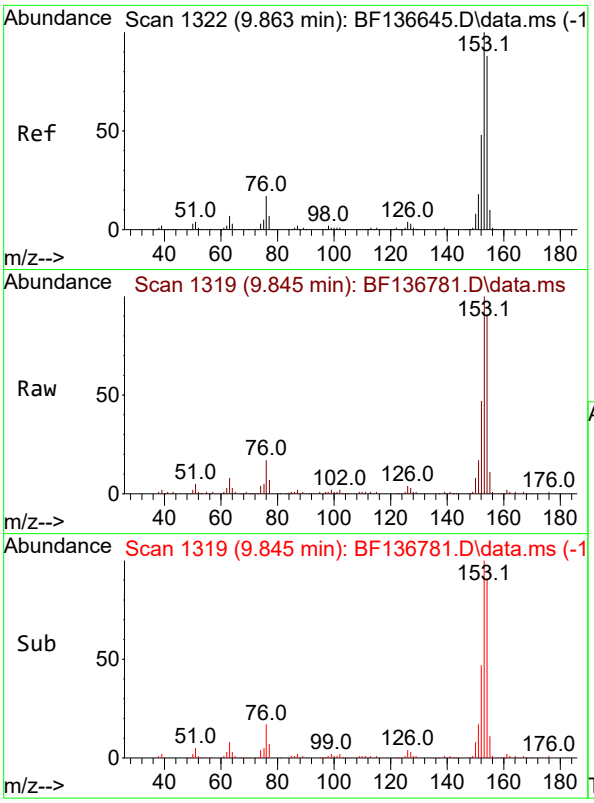


#51
2,6-Dinitrotoluene
Concen: 8.509 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:165 Resp: 14921

Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.8	59.6#
89	1.9	38.8	58.2#



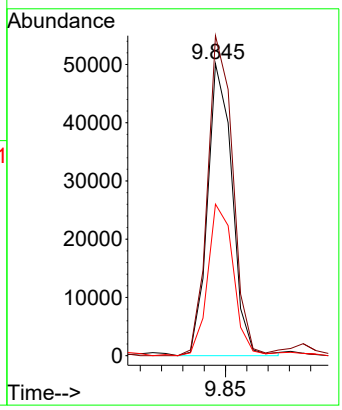


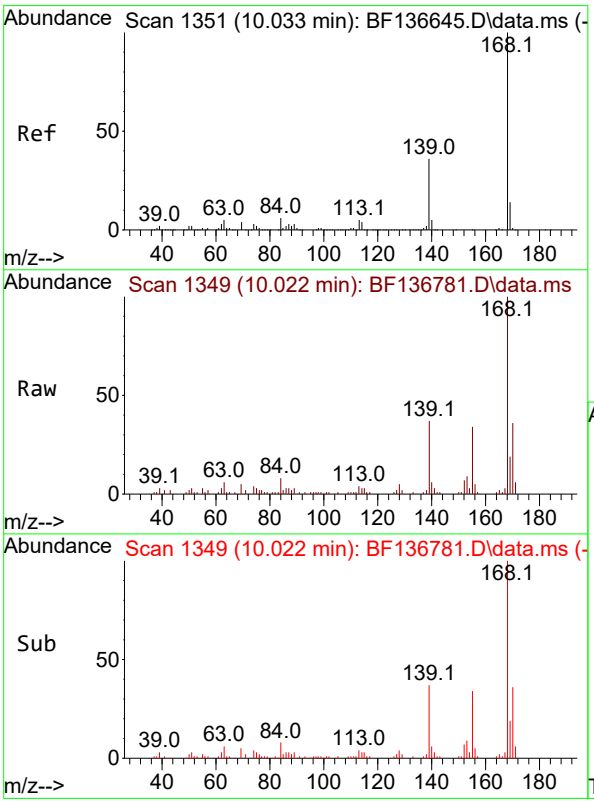
#52
Acenaphthene
Concen: 6.290 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:154 Resp: 40216

Ion	Ratio	Lower	Upper
154	100		
153	109.7	90.7	136.1
152	51.9	43.7	65.5

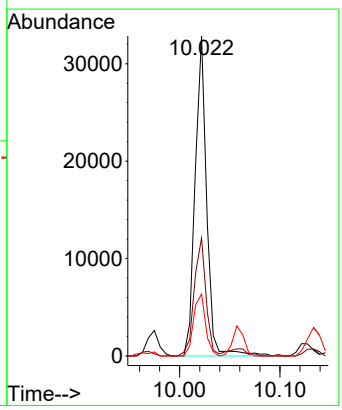


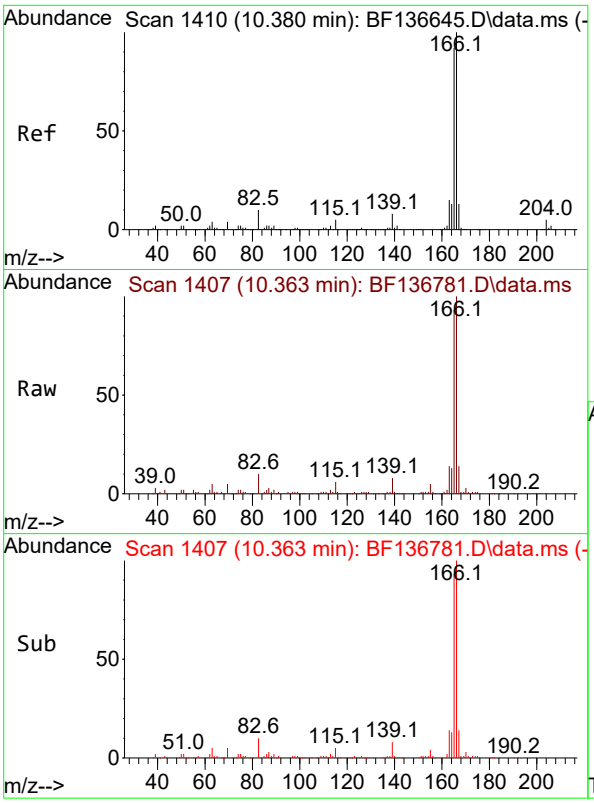


#55
Dibenzofuran
Concen: 2.710 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:168 Resp: 26268

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.3	43.9
169	19.3	11.0	16.4#



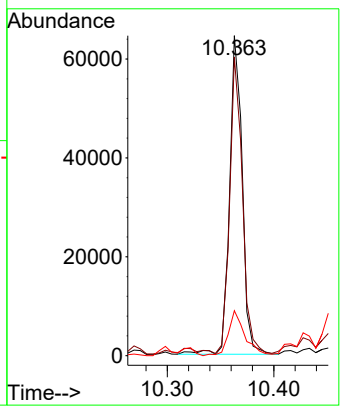


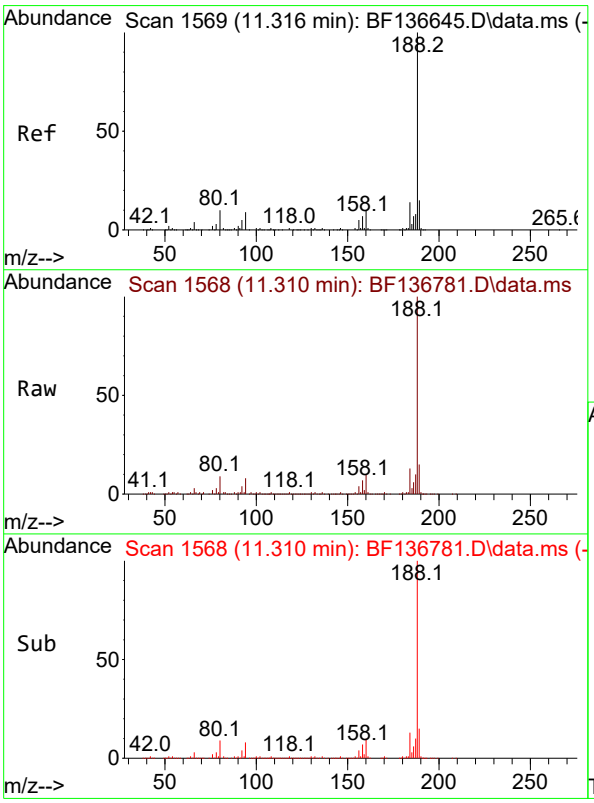
#58
Fluorene
Concen: 6.901 ng
RT: 10.363 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:166 Resp: 53076

Ion	Ratio	Lower	Upper
166	100		
165	93.3	73.7	110.5
167	14.0	10.4	15.6

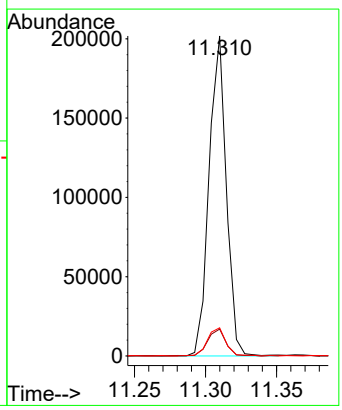


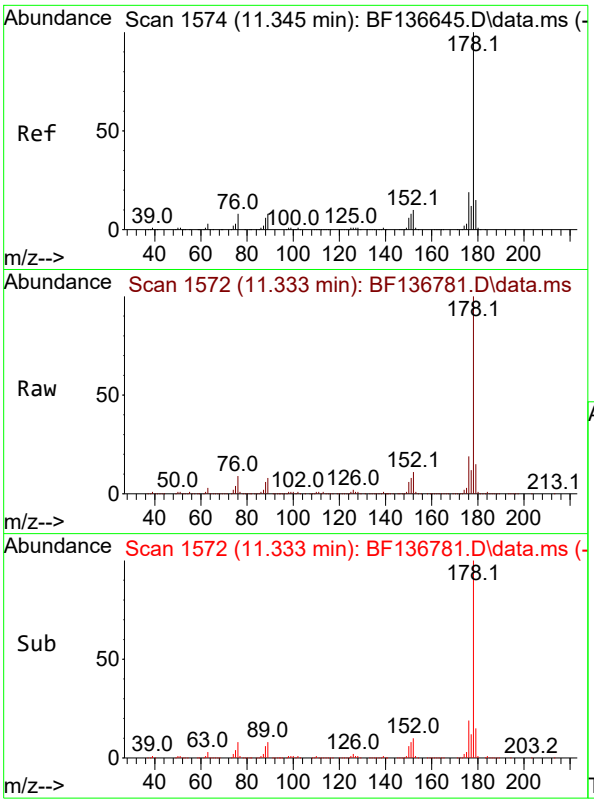


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:188 Resp: 170647

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.5	11.3
80	8.8	8.1	12.1



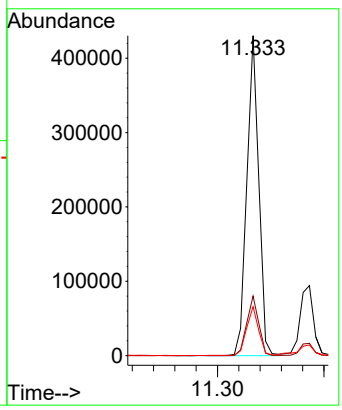


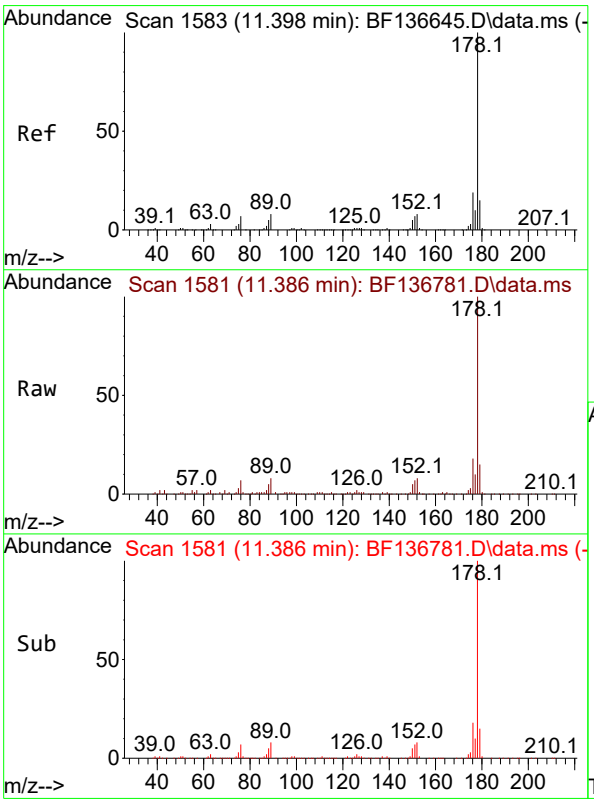
#71
Phenanthrene
Concen: 38.241 ng
RT: 11.333 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:178 Resp: 334843

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	11.9	17.9

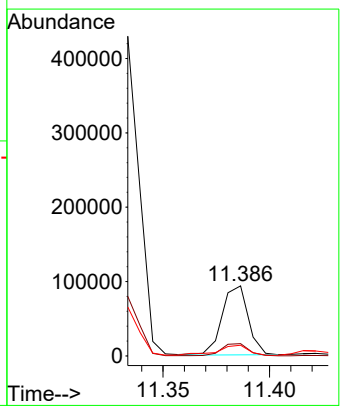


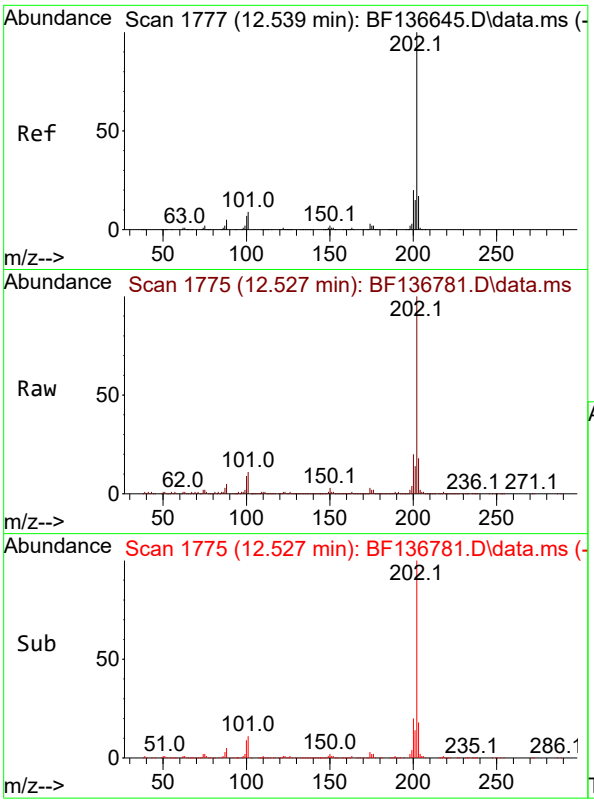


#72
Anthracene
Concen: 8.983 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:178 Resp: 79653

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.9	22.3
179	15.3	11.8	17.6



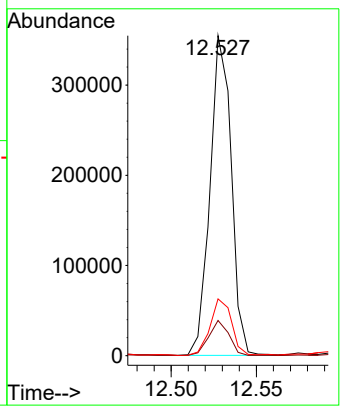


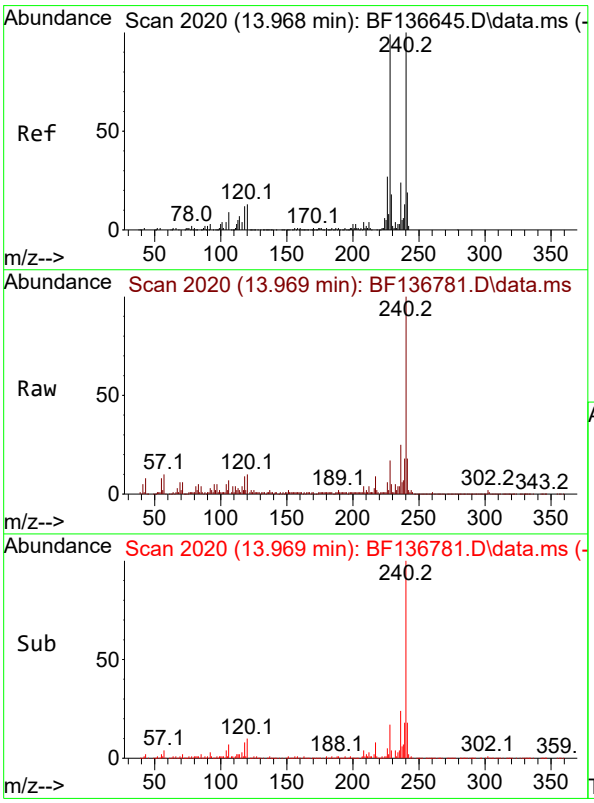
#75
Fluoranthene
Concen: 32.885 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:202 Resp: 307997

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.3
203	17.8	0.0	37.1

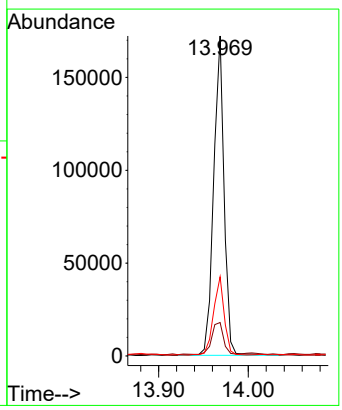


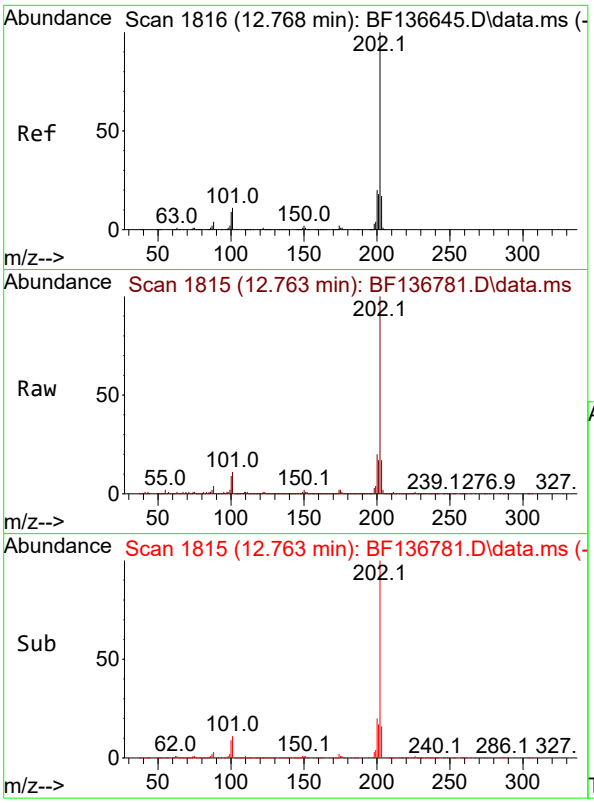


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:240 Resp: 138762

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.3	15.5
236	24.7	19.4	29.2



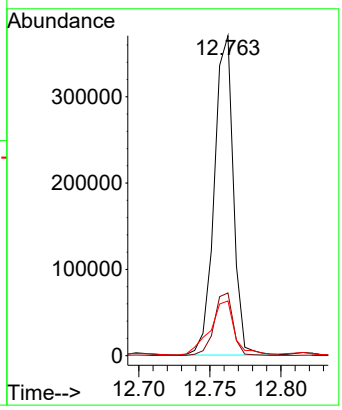


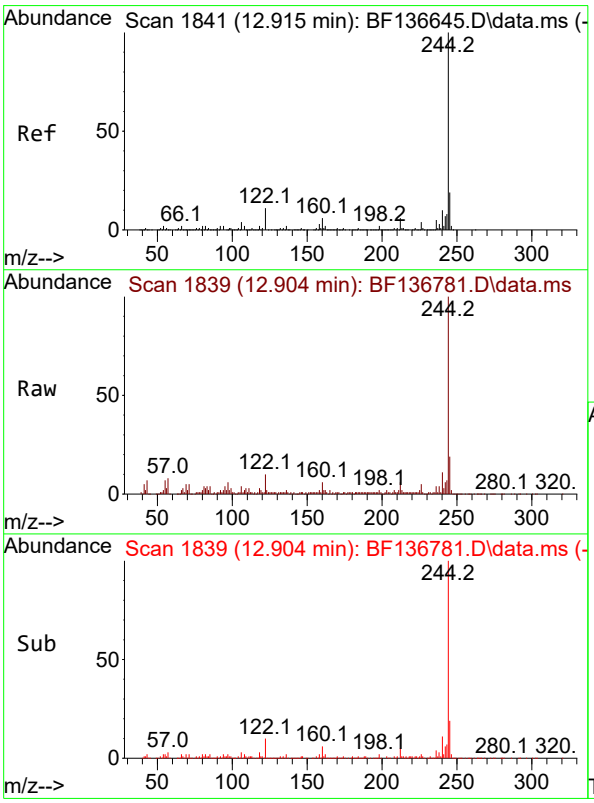
#78
Pyrene
Concen: 25.394 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:202 Resp: 345909

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.9	23.9
203	17.1	13.8	20.6

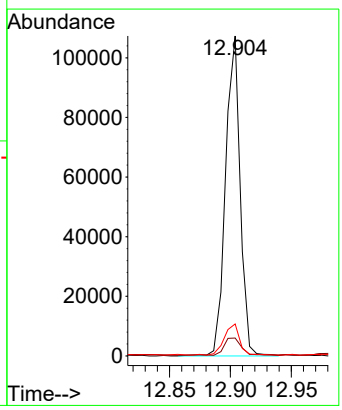


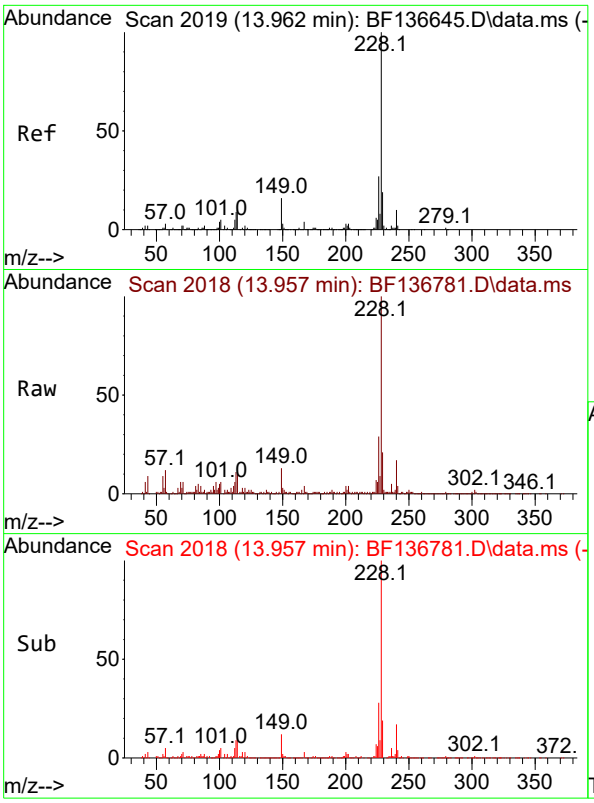


#79
Terphenyl-d14
Concen: 9.026 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:244 Resp: 89621

Ion	Ratio	Lower	Upper
244	100		
212	5.6	5.0	7.4
122	10.0	9.0	13.4



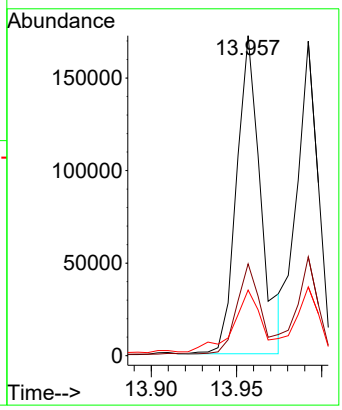


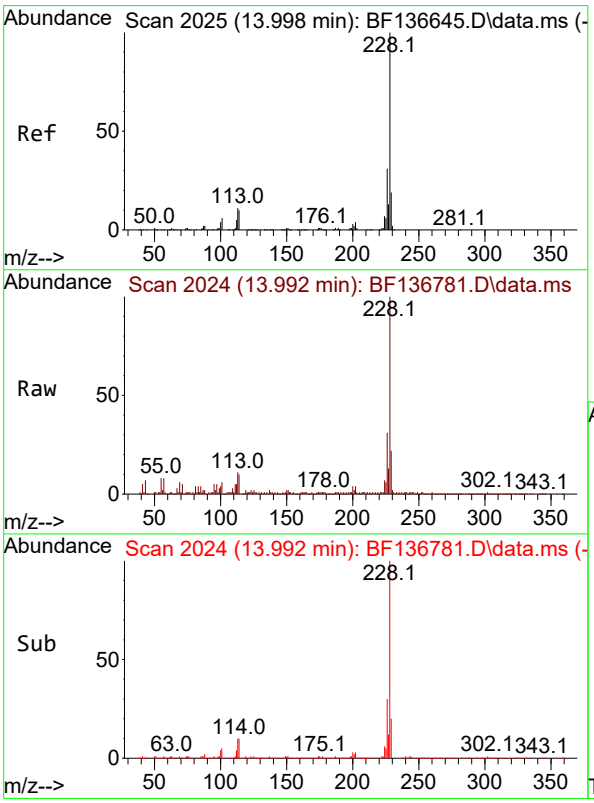
#81
Benzo(a)anthracene
Concen: 17.591 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:228 Resp: 169493

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.0
229	20.5	14.9	22.3

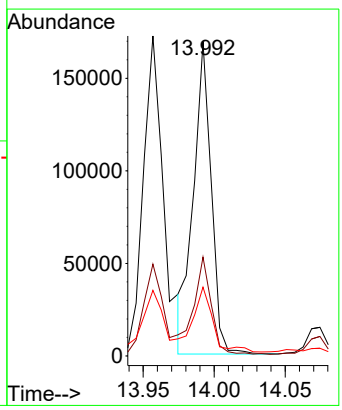


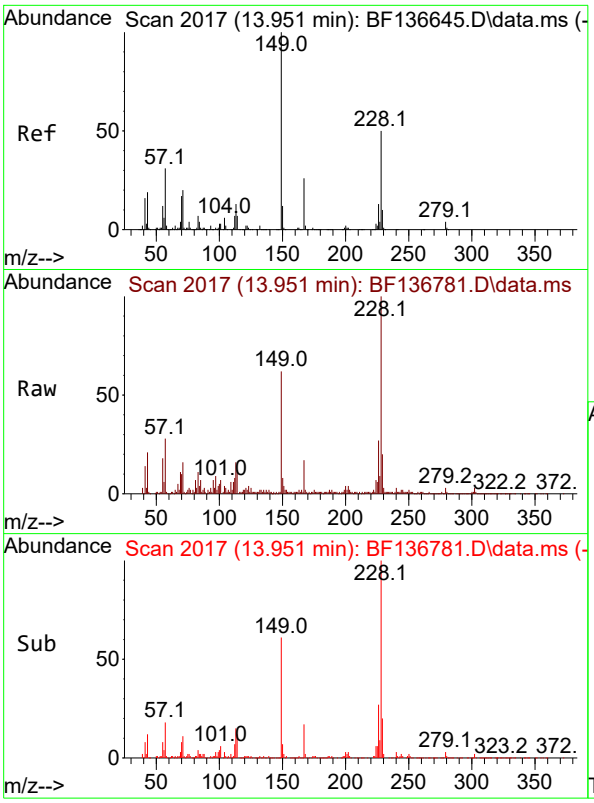


#83
Chrysene
Concen: 15.654 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:228 Resp: 147496

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	21.9	15.4	23.0



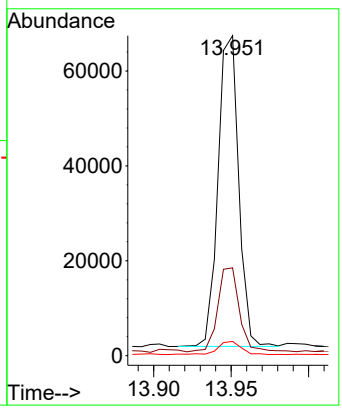


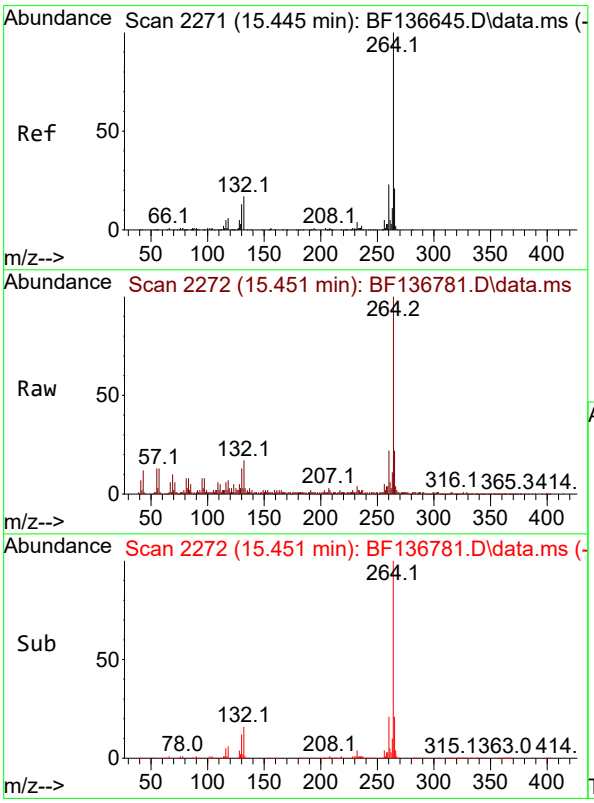
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.715 ng
RT: 13.951 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:149 Resp: 60585

Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.9	31.3
279	4.5	2.9	4.3#

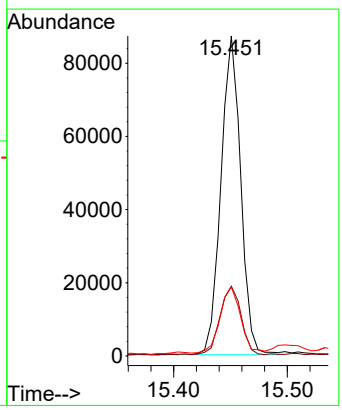


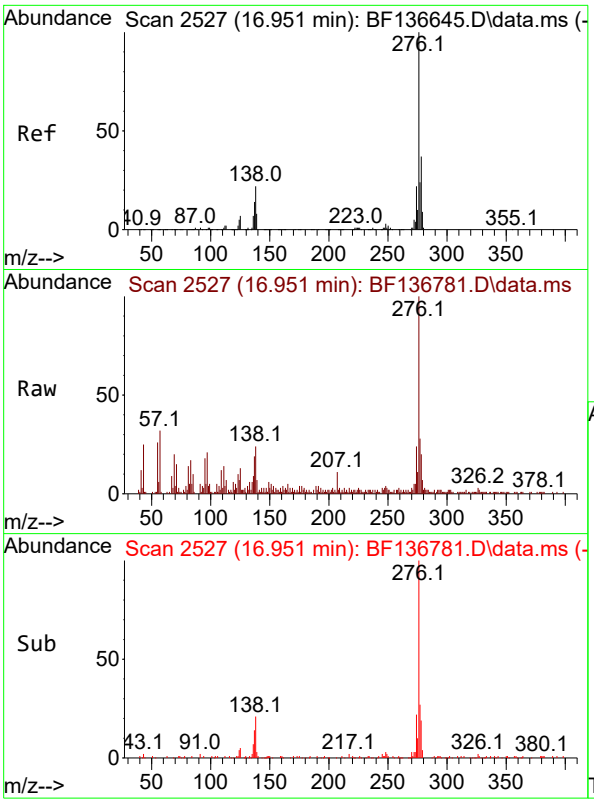


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:264 Resp: 105120

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.3	27.5
265	21.5	17.0	25.6



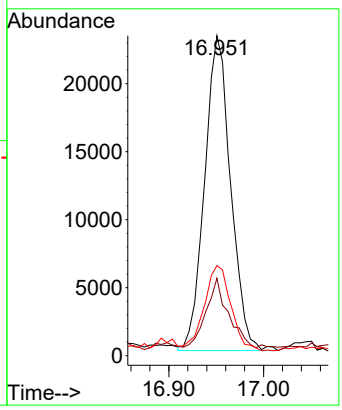


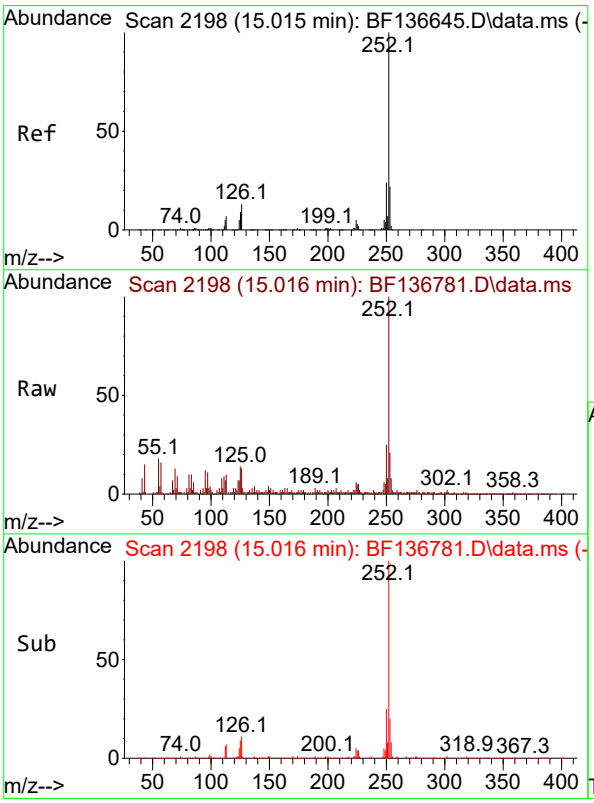
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.834 ng
RT: 16.951 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:276 Resp: 44281

Ion	Ratio	Lower	Upper
276	100		
138	19.0	18.7	28.1
277	27.9	20.2	30.2

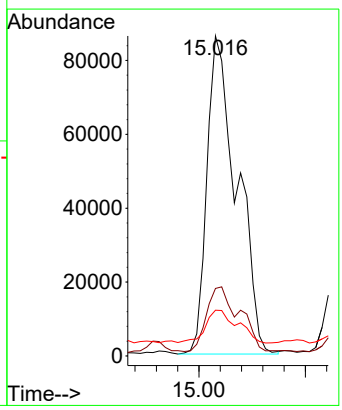


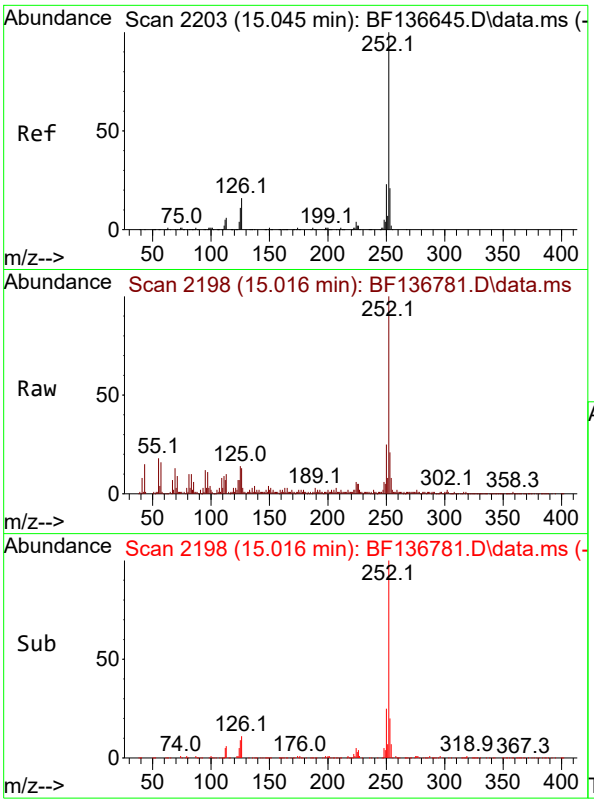


#88
Benzo(b)fluoranthene
Concen: 24.064 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:252 Resp: 168955

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	14.3	7.4	11.2#



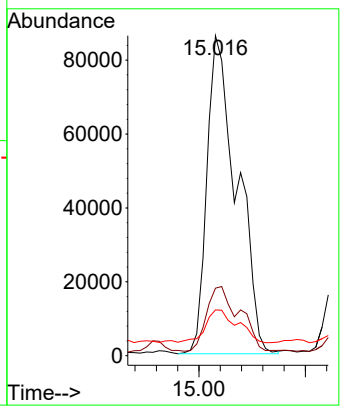


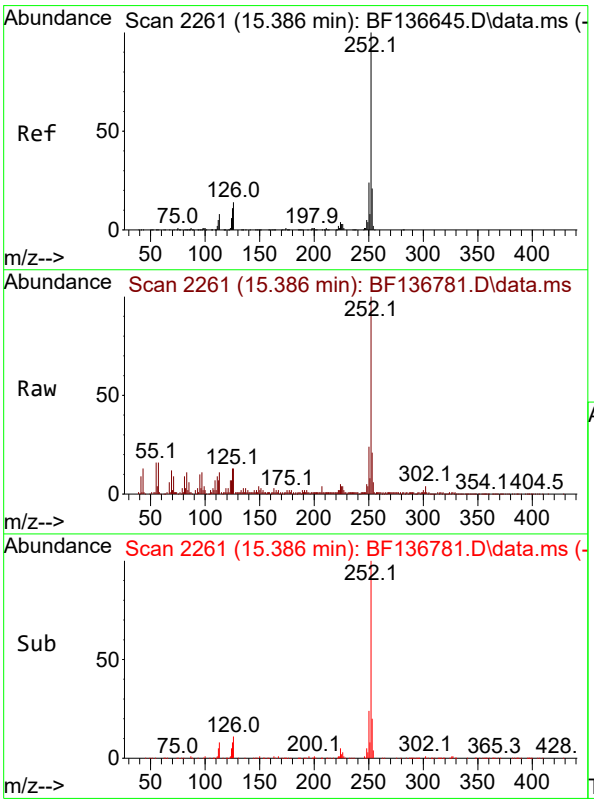
#89
Benzo(k)fluoranthene
Concen: 25.467 ng
RT: 15.016 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:252 Resp: 168955

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	14.3	8.2	12.4#

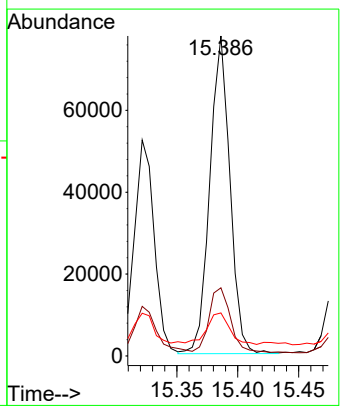


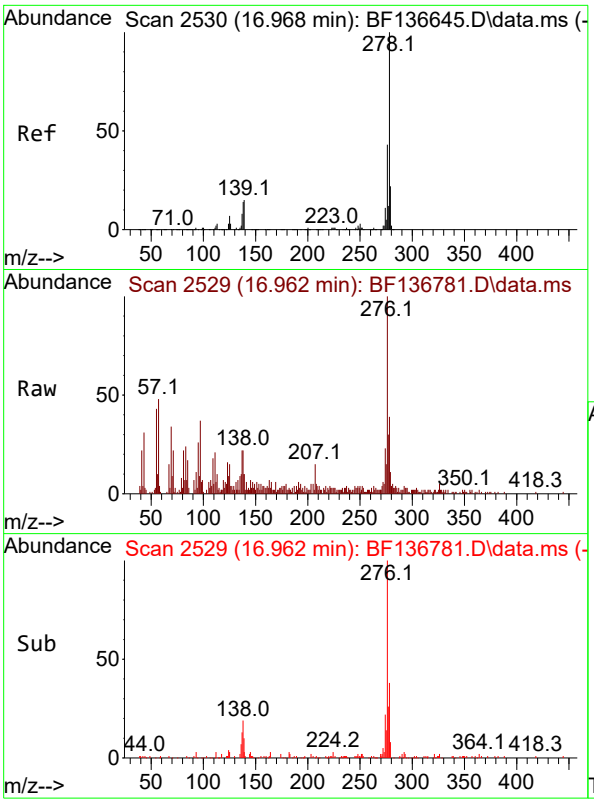


#90
Benzo(a)pyrene
Concen: 15.082 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:252 Resp: 89386

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	13.4	8.8	13.2#



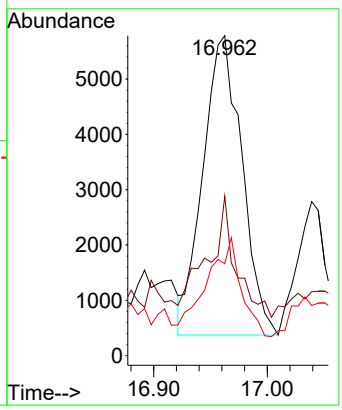


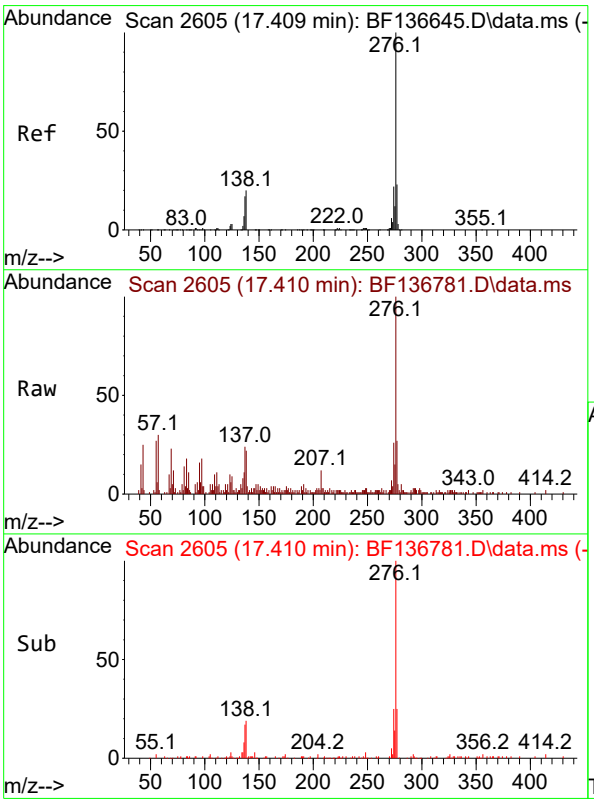
#91
Dibenzo(a,h)anthracene
Concen: 2.071 ng
RT: 16.962 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Instrument :
BNA_F
ClientSampleId :
SU-03-122223

Tgt Ion:278 Resp: 12894

Ion	Ratio	Lower	Upper
278	100		
139	49.9	12.2	18.4#
279	28.8	17.8	26.6#





#92
Benzo(g,h,i)perylene
Concen: 6.660 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136781.D
Acq: 28 Dec 2023 03:09

Tgt Ion:276 Resp: 42471

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.3	27.5
138	21.8	15.6	23.4