Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026878.D
Acq On : 10 Aug 2023 11:48
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 01:50:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:48:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	6474	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	18570	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	11679	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	25843	0.400	ng		0.00
29) Chrysene-d12	21.659	240	23678	0.400	ng		0.00
35) Perylene-d12	24.215	264	24877	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	80500	4.910	ng		0.00
5) Phenol-d6	7.236	99	106597	5.021	ng		0.00
8) Nitrobenzene-d5	9.294	82	77321	7.032	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	147773	5.550	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	34998	8.802	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	236854	4.967	ng		0.00
27) Fluoranthene-d10	19.504	212	365767	5.894	ng		0.00
31) Terphenyl-d14	20.090	244	267229	5.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	32122	4.251	ng		96
3) n-Nitrosodimethylamine	3.812	42	36449	4.321	ng	#	99
6) bis(2-Chloroethyl)ether	7.539	93	91509	4.781	ng		100
9) Naphthalene	10.992	128	261577	5.122	ng		98
10) Hexachlorobutadiene	11.226	225	46176	4.986	ng	#	100
12) 2-Methylnaphthalene	12.585	142	189025	5.424	ng		98
16) Acenaphthylene	14.459	152	312438	5.412	ng		100
17) Acenaphthene	14.801	154	187068	5.165	ng		98
18) Fluorene	15.780	166	250553	5.315	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	2216	5.298	ng	#	1
21) 4-Bromophenyl-phenylether	16.673	248	82369	5.272	ng		96
22) Hexachlorobenzene	16.748	284	84464	4.731	ng		99
23) Atrazine	16.934	200	72187	6.997	ng		99
24) Pentachlorophenol	17.108	266	50573	11.030	ng		98
25) Phenanthrene	17.517	178	405633	5.168	ng		100
26) Anthracene	17.617	178	396696	5.657	ng		100
28) Fluoranthene	19.532	202	483928	5.537	ng		100
30) Pyrene	19.895	202	498480	4.872	ng		100
32) Benzo(a)anthracene	21.641	228	462849	5.692	ng		99
33) Chrysene	21.695	228	459111	5.108	ng		100
34) Bis(2-ethylhexyl)phtha...	21.533	149	308587	11.455	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.913	276	553778	5.455	ng		100
37) Benzo(b)fluoranthene	23.423	252	462788	4.728	ng		97
38) Benzo(k)fluoranthene	23.475	252	467781	4.651	ng		96
39) Benzo(a)pyrene	24.101	252	458318	5.135	ng	#	95
40) Dibenzo(a,h)anthracene	26.949	278	441122	5.595	ng		97
41) Benzo(g,h,i)perylene	27.750	276	469922	5.035	ng		98

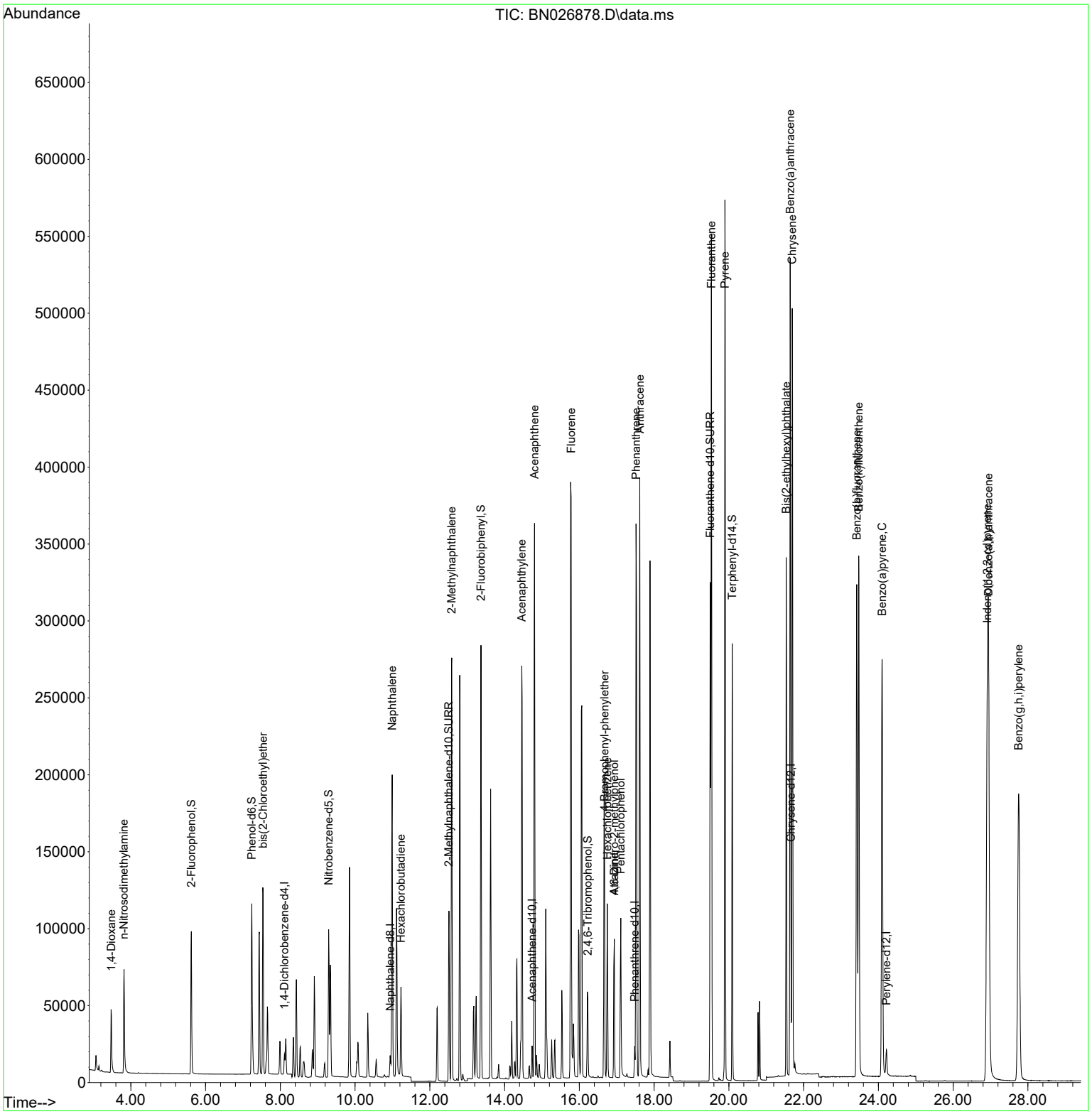
(#) = qualifier out of range (m) = manual integration (+) = signals summed

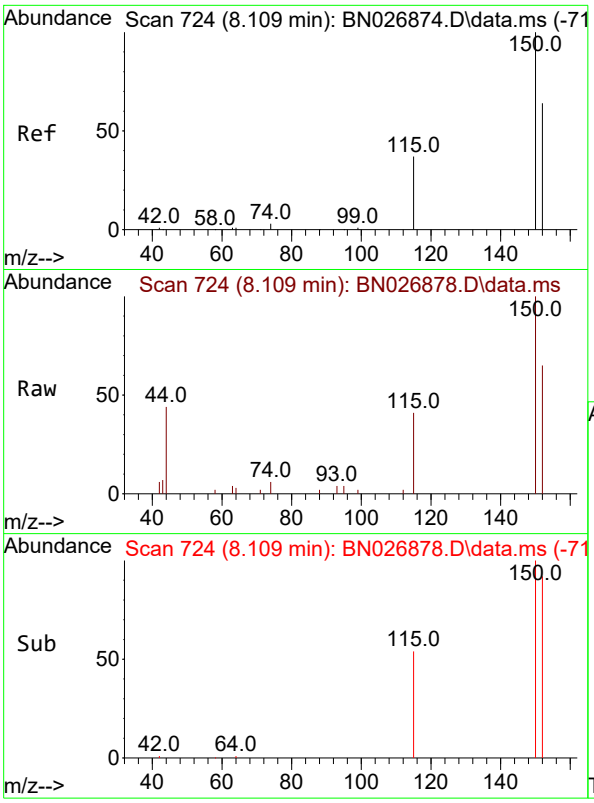
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026878.D
Acq On : 10 Aug 2023 11:48
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 01:50:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:48:37 2023
Response via : Initial Calibration



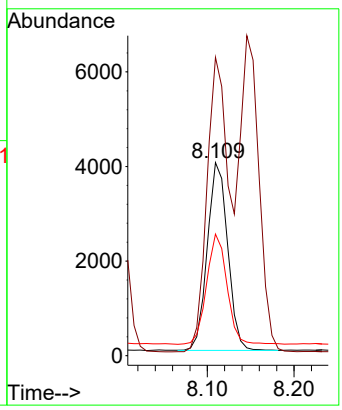


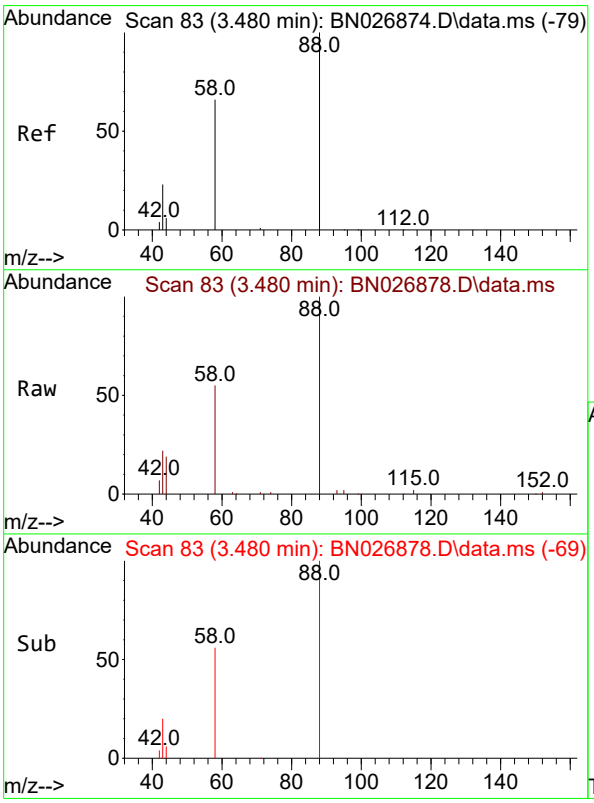
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6474

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	62.9	49.7	74.5

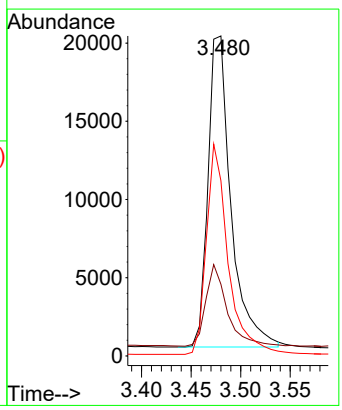


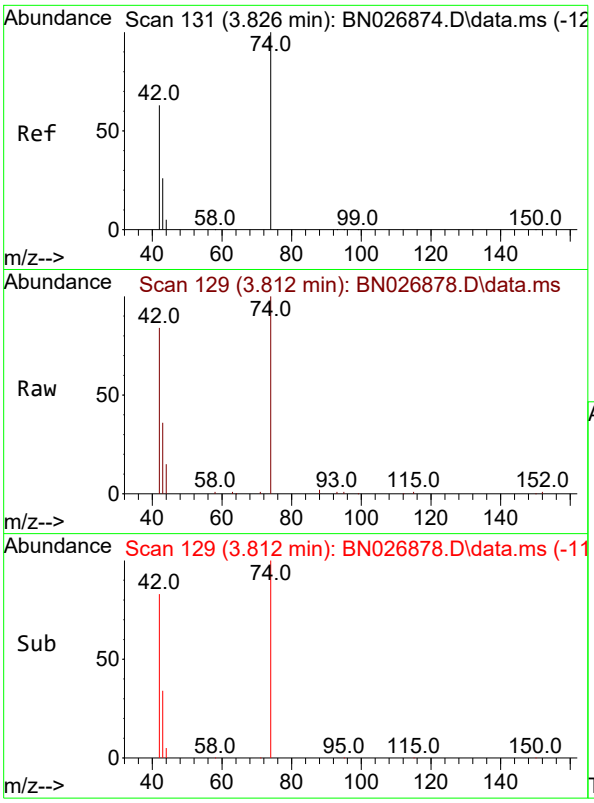


#2
1,4-Dioxane
Concen: 4.251 ng
RT: 3.480 min Scan# 83
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion: 88 Resp: 32122

Ion	Ratio	Lower	Upper
88	100		
43	24.1	19.2	28.8
58	63.5	54.5	81.7



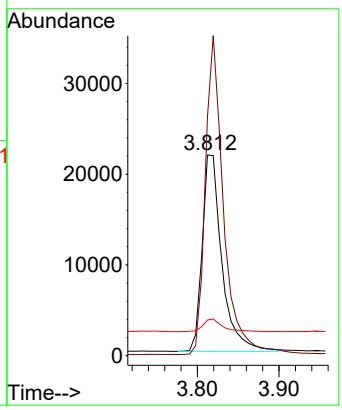


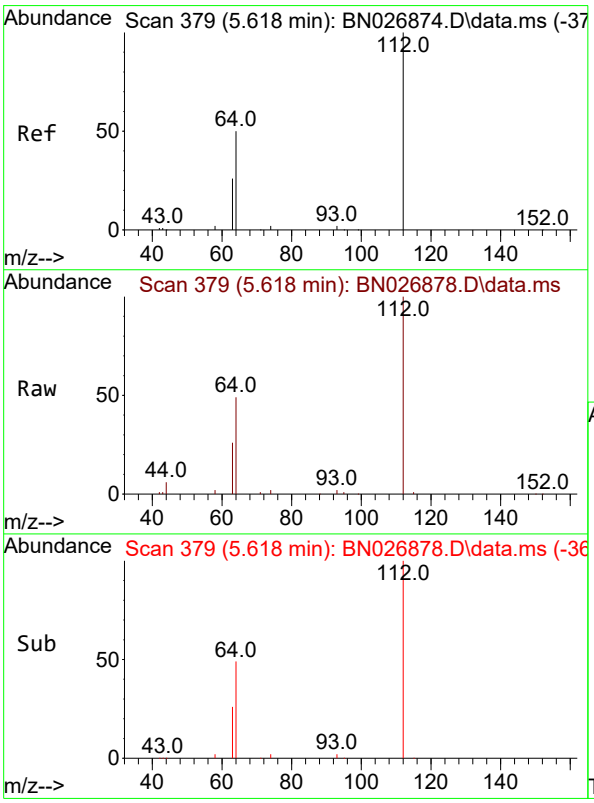
#3
n-Nitrosodimethylamine
Concen: 4.321 ng
RT: 3.812 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 36449

Ion	Ratio	Lower	Upper
42	100		
74	149.7	119.4	179.2
44	6.5	8.7	13.1#

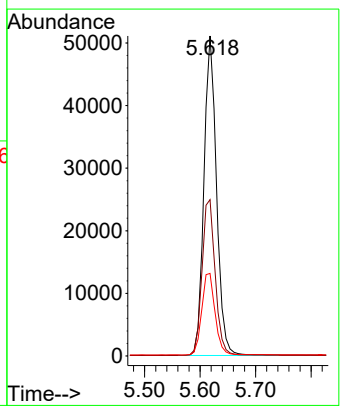


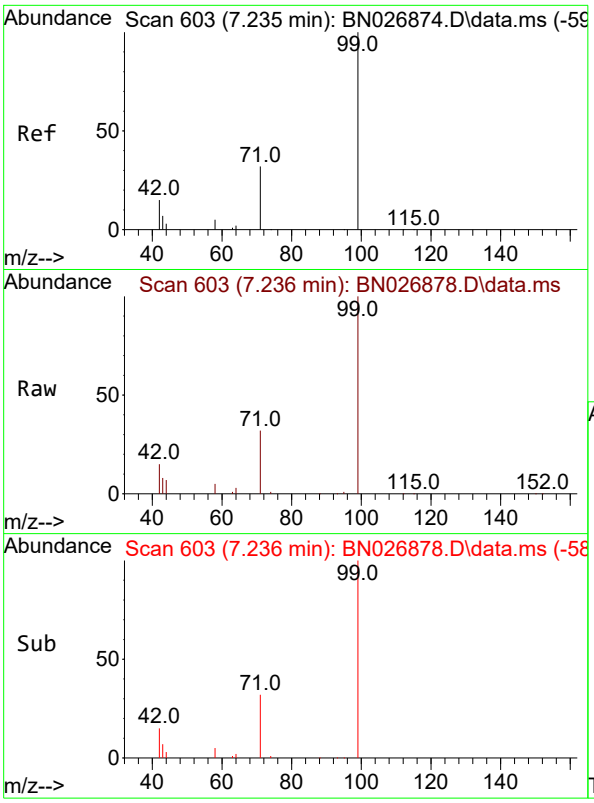


#4
2-Fluorophenol
Concen: 4.910 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:112 Resp: 80500

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.5	62.3
63	27.1	21.7	32.5



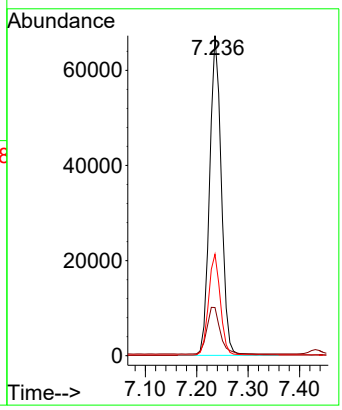


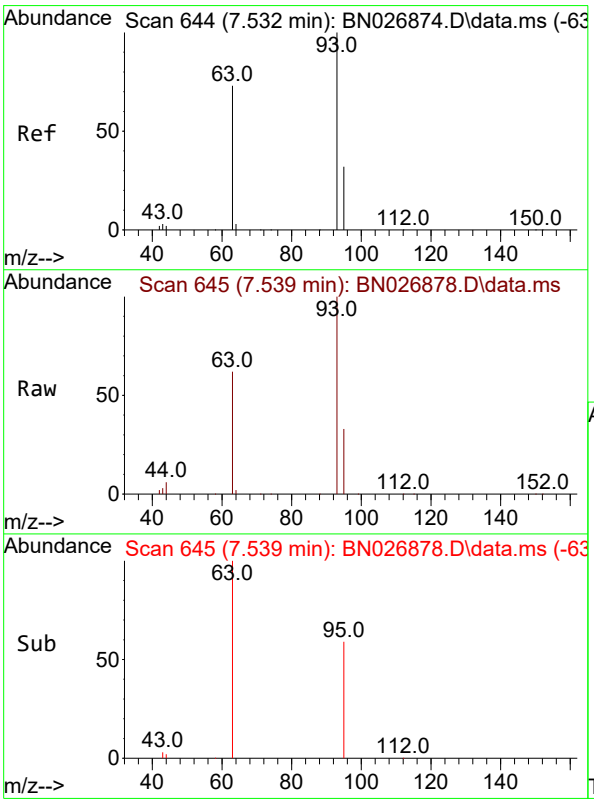
#5
Phenol-d6
Concen: 5.021 ng
RT: 7.236 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 106597

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	31.8	26.0	39.0

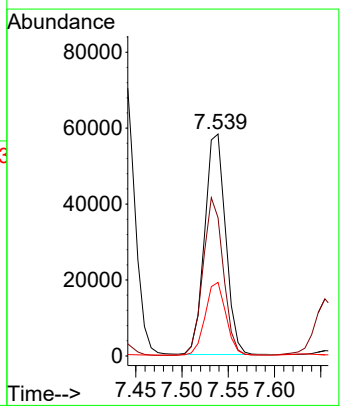


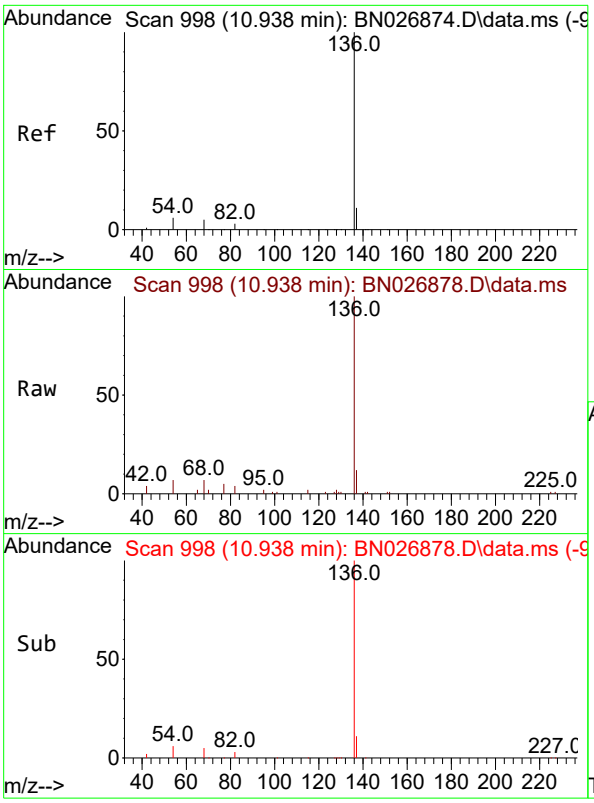


#6
bis(2-Chloroethyl)ether
Concen: 4.781 ng
RT: 7.539 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion: 93 Resp: 91509

Ion	Ratio	Lower	Upper
93	100		
63	68.9	55.0	82.4
95	32.6	26.2	39.2



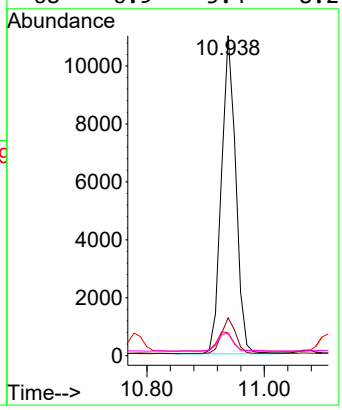


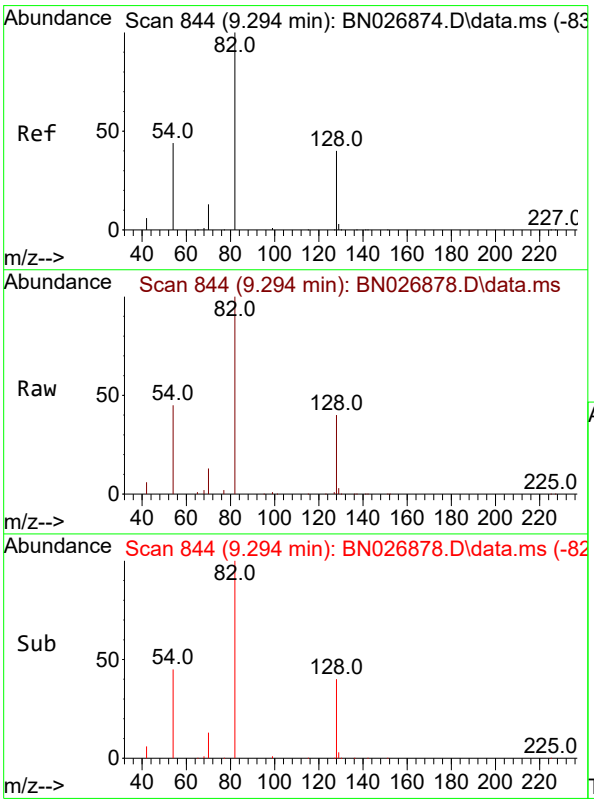
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18570

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	7.2	5.5	8.3
68	6.9	5.4	8.2

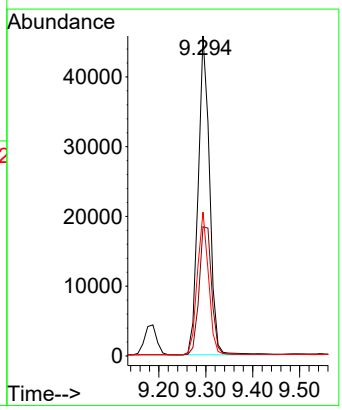


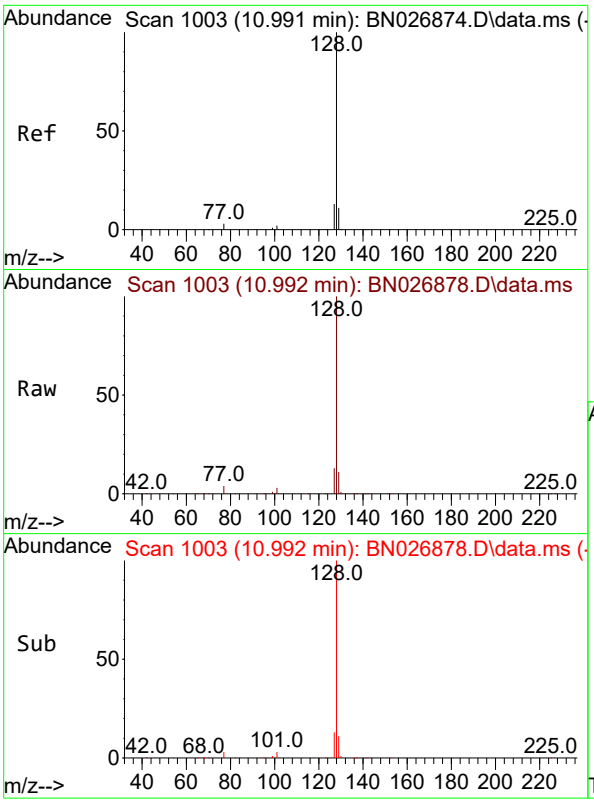


#8
Nitrobenzene-d5
Concen: 7.032 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion: 82 Resp: 77321

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.1	51.1
54	44.9	37.0	55.4



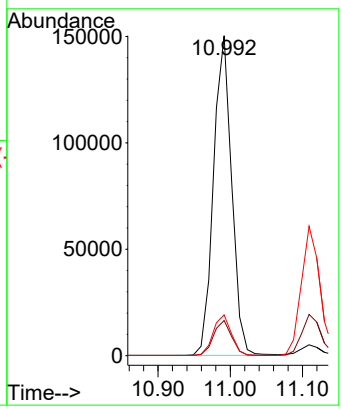


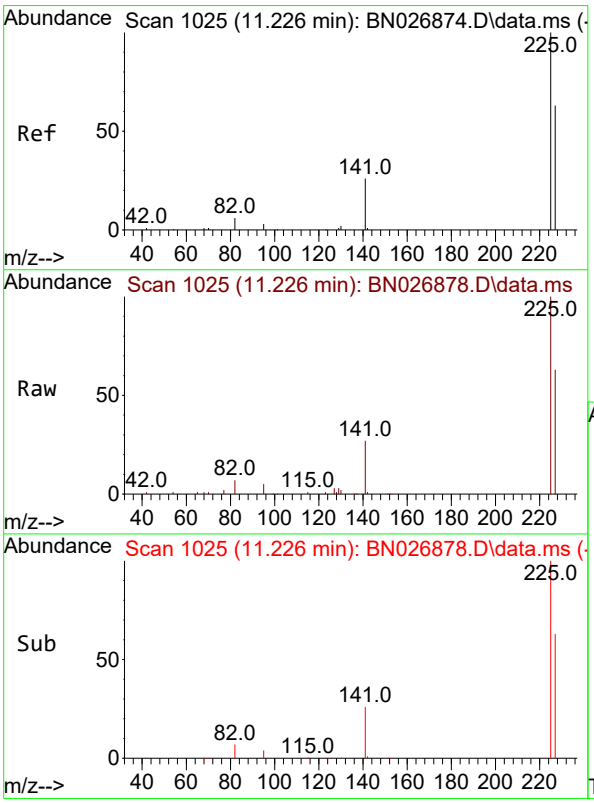
#9
Naphthalene
Concen: 5.122 ng
RT: 10.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 261577

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	12.8	10.6	16.0

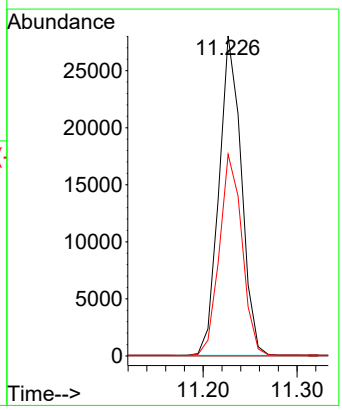


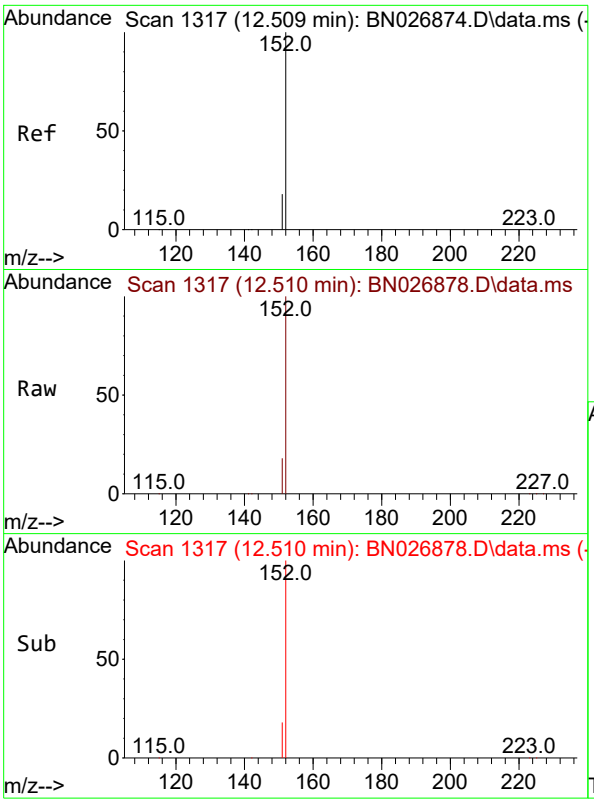


#10
Hexachlorobutadiene
Concen: 4.986 ng
RT: 11.226 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:225 Resp: 46176

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.8	76.2



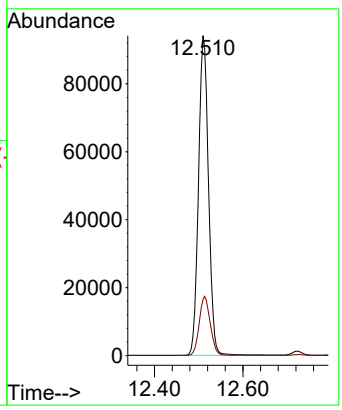


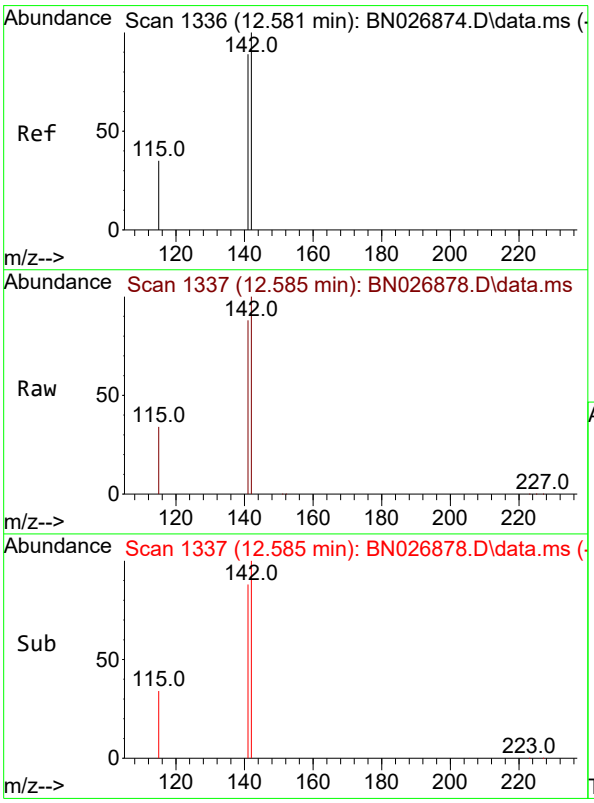
#11
2-Methylnaphthalene-d10
Concen: 5.550 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 147773

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

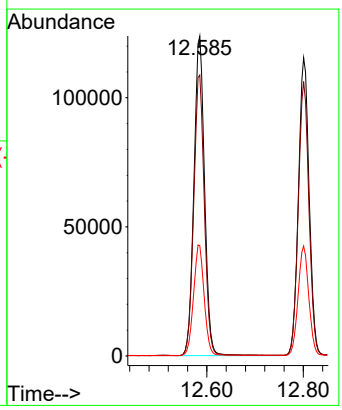


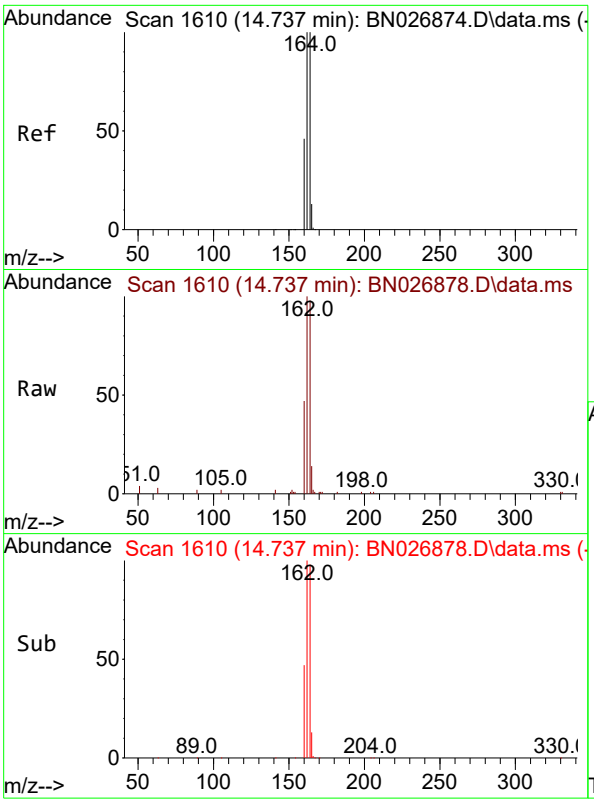


#12
2-Methylnaphthalene
Concen: 5.424 ng
RT: 12.585 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:142 Resp: 189025

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	34.5	29.4	44.2



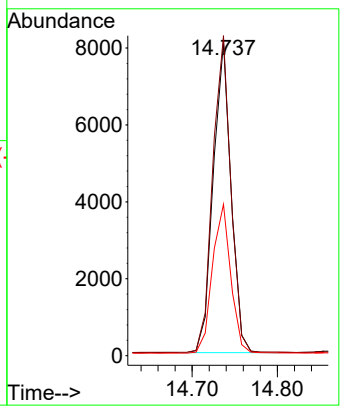


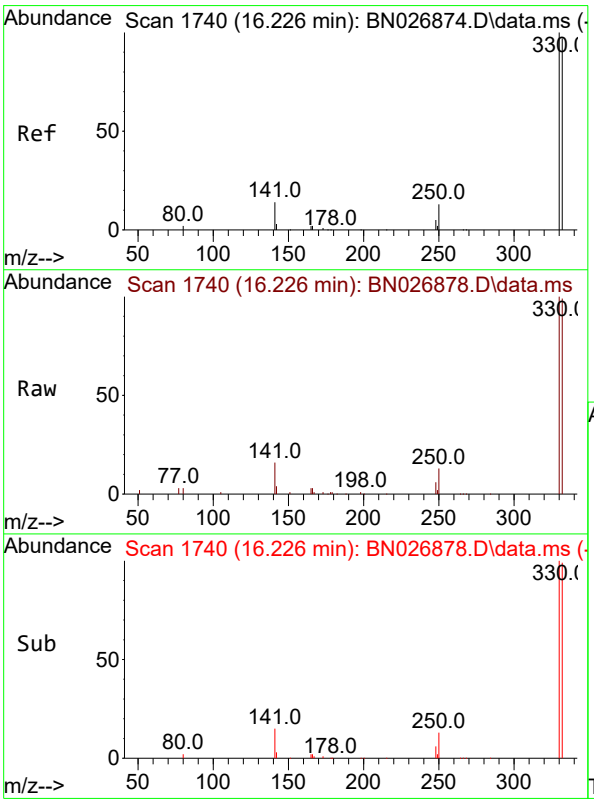
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11679

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.7	119.5
160	48.3	37.4	56.0

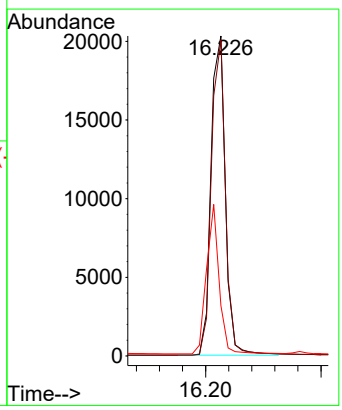


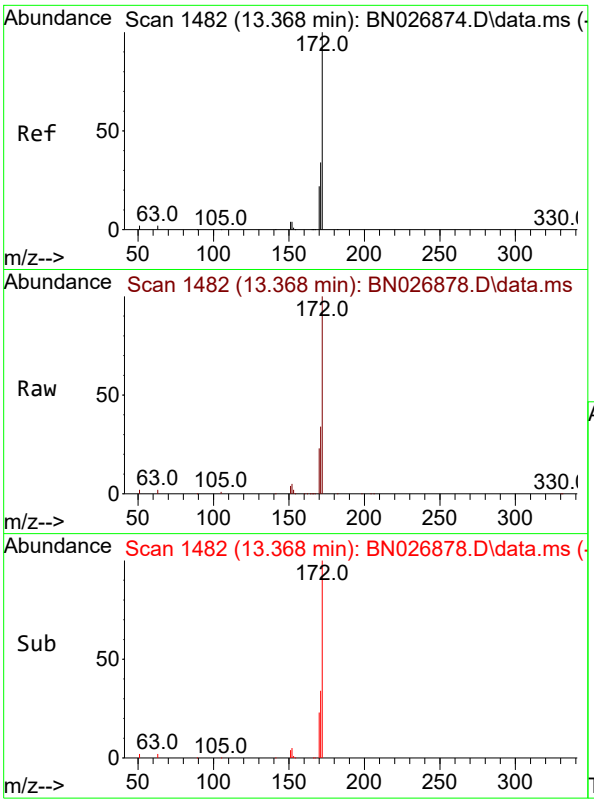


#14
2,4,6-Tribromophenol
Concen: 8.802 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:330 Resp: 34998

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	41.2	32.3	48.5



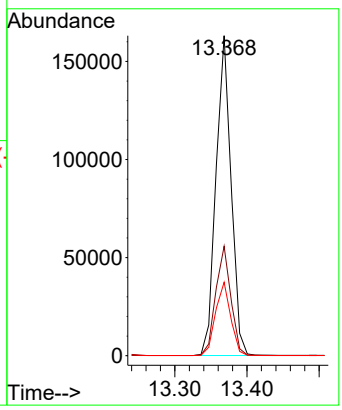


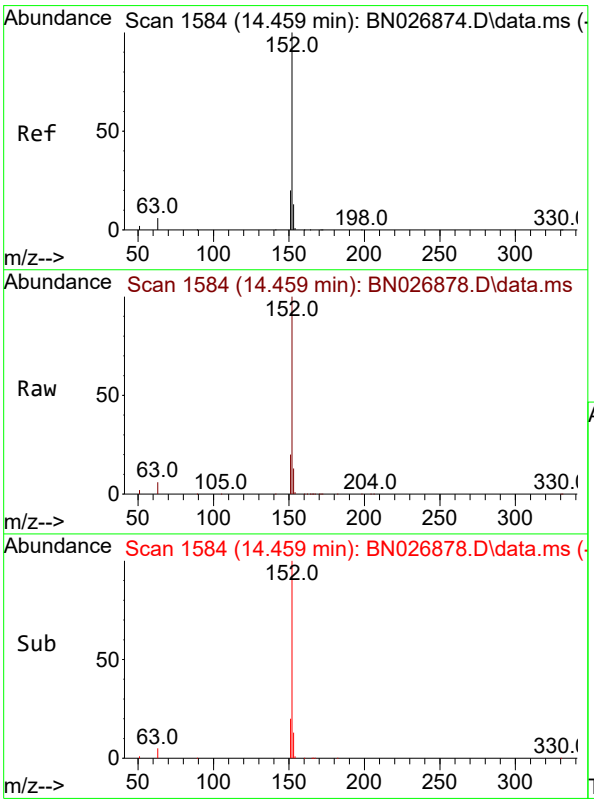
#15
2-Fluorobiphenyl
Concen: 4.967 ng
RT: 13.368 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 236854

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.0	18.0	27.0

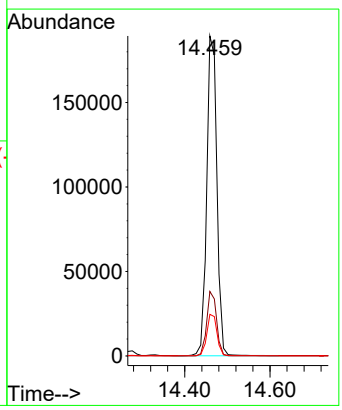


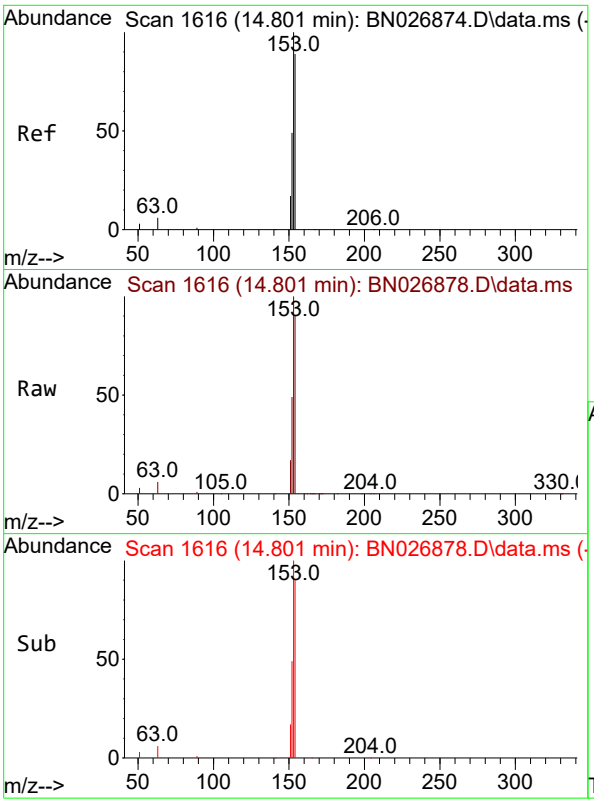


#16
Acenaphthylene
Concen: 5.412 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:152 Resp: 312438

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.5	15.7



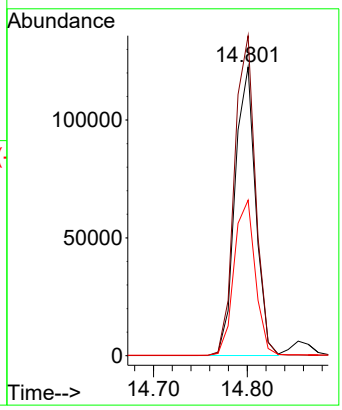


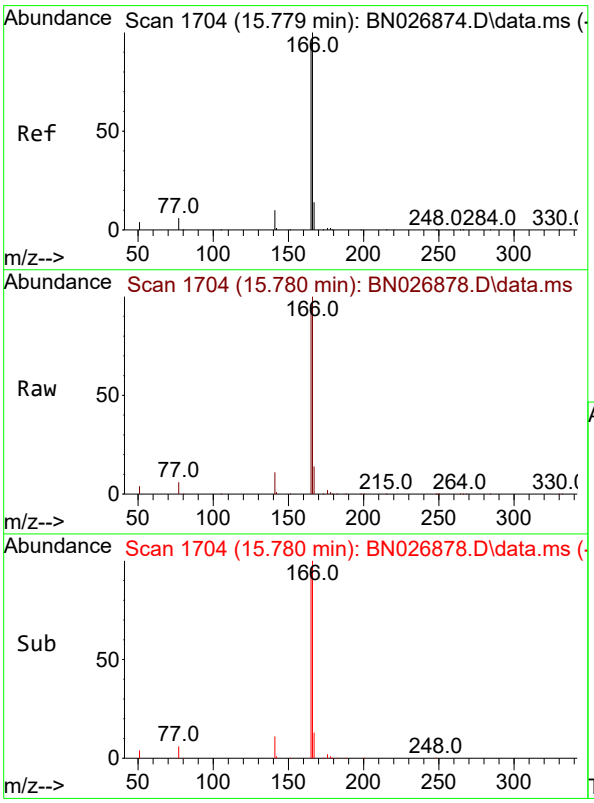
#17
Acenaphthene
Concen: 5.165 ng
RT: 14.801 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 187068

Ion	Ratio	Lower	Upper
154	100		
153	112.6	92.0	138.0
152	55.8	46.2	69.2

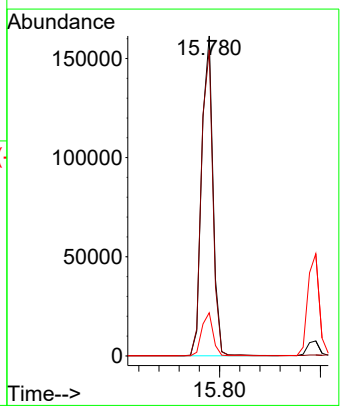


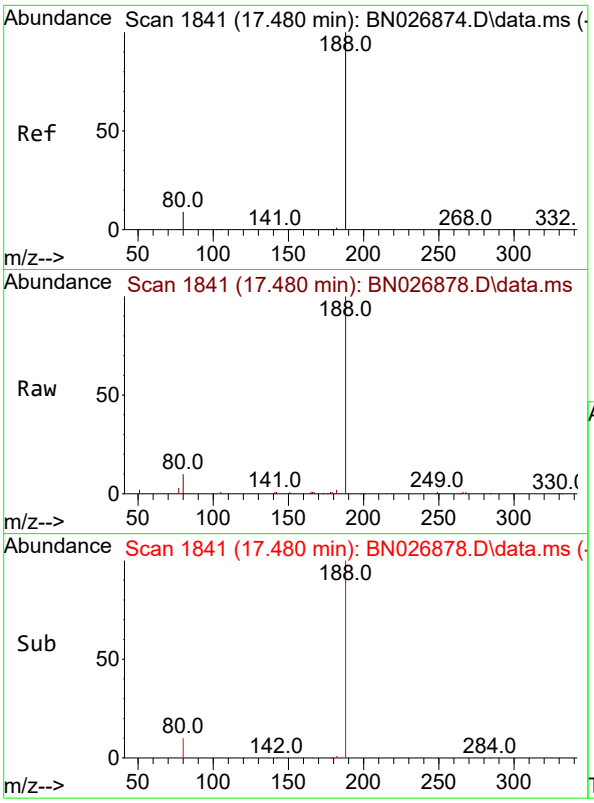


#18
Fluorene
Concen: 5.315 ng
RT: 15.780 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:166 Resp: 250553

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.4	116.2
167	13.4	10.9	16.3



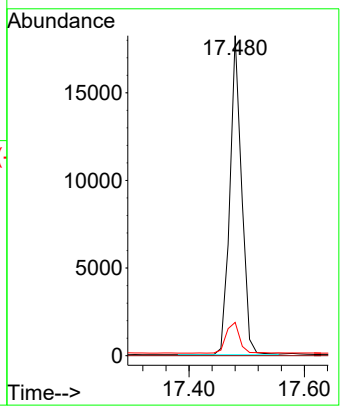


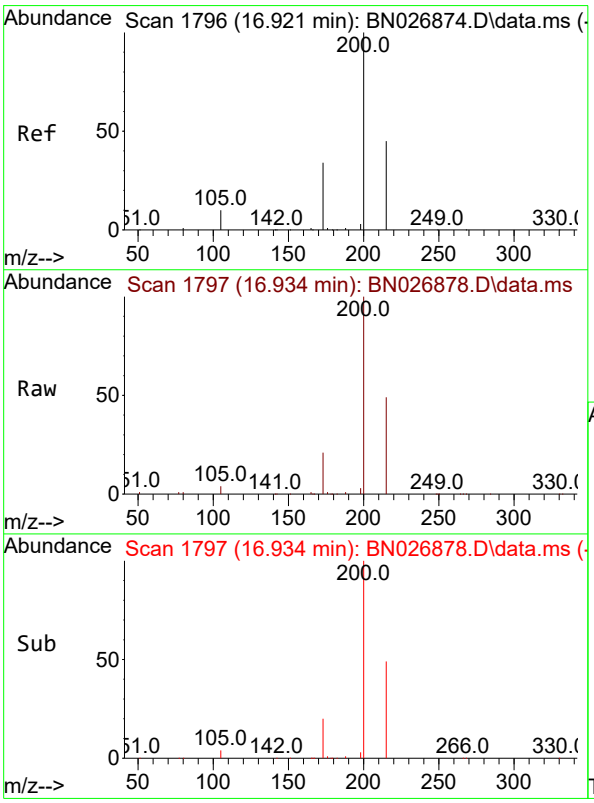
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 25843

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.4	11.2

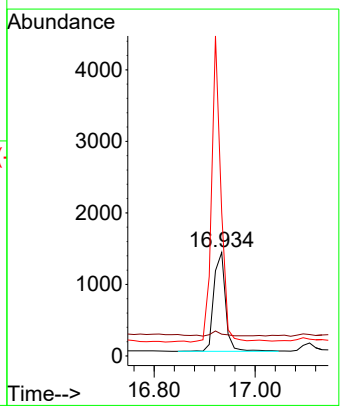


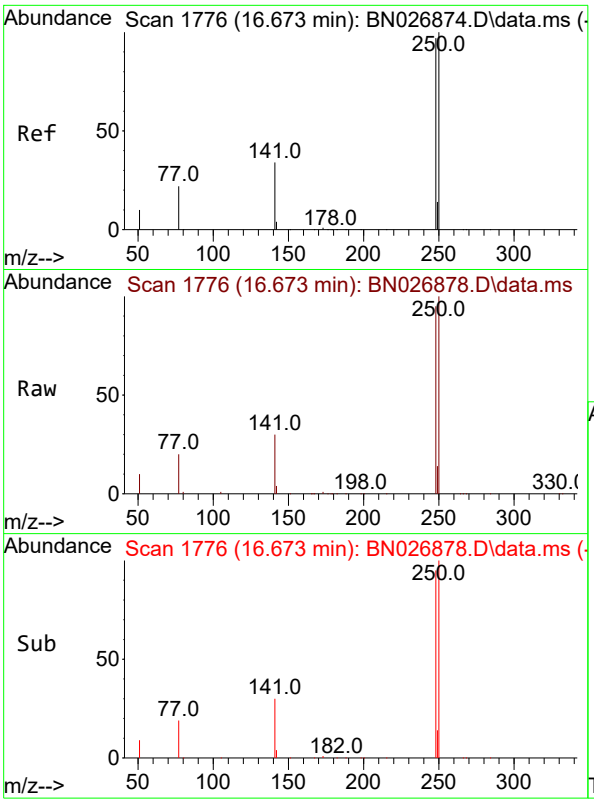


#20
4,6-Dinitro-2-methylphenol
Concen: 5.298 ng
RT: 16.934 min Scan# 1797
Delta R.T. 0.013 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:198 Resp: 2216

Ion	Ratio	Lower	Upper
198	100		
51	21.1	143.8	215.8#
105	138.5	273.5	410.3#



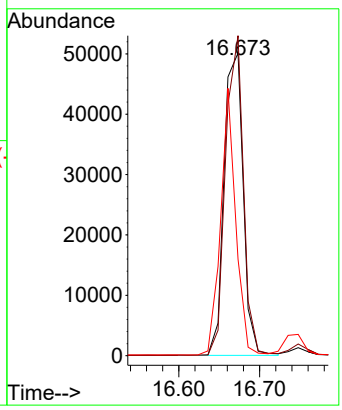


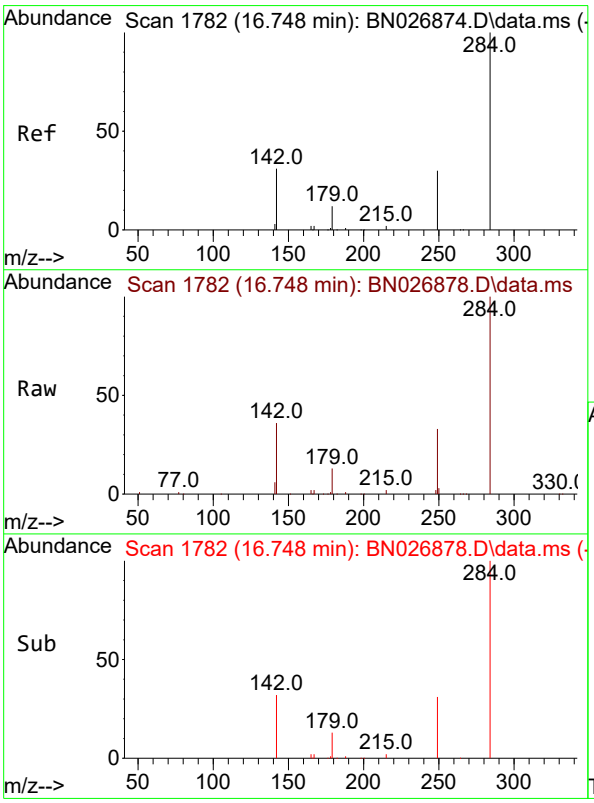
#21
4-Bromophenyl-phenylether
Concen: 5.272 ng
RT: 16.673 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 82369

Ion	Ratio	Lower	Upper
248	100		
250	105.7	83.0	124.4
141	31.9	29.9	44.9

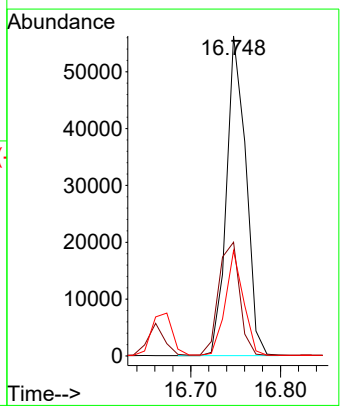


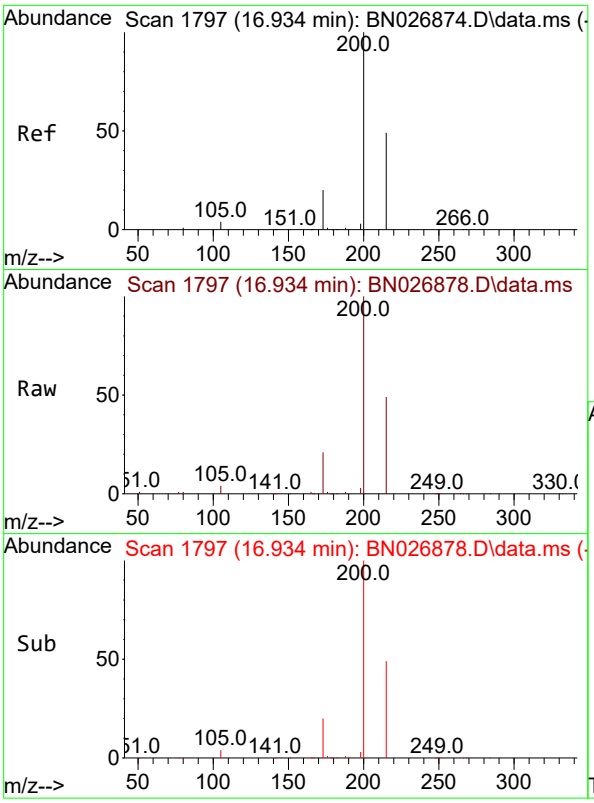


#22
Hexachlorobenzene
Concen: 4.731 ng
RT: 16.748 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:284 Resp: 84464

Ion	Ratio	Lower	Upper
284	100		
142	38.4	30.0	45.0
249	30.6	24.4	36.6



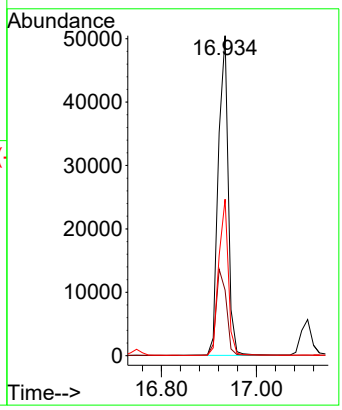


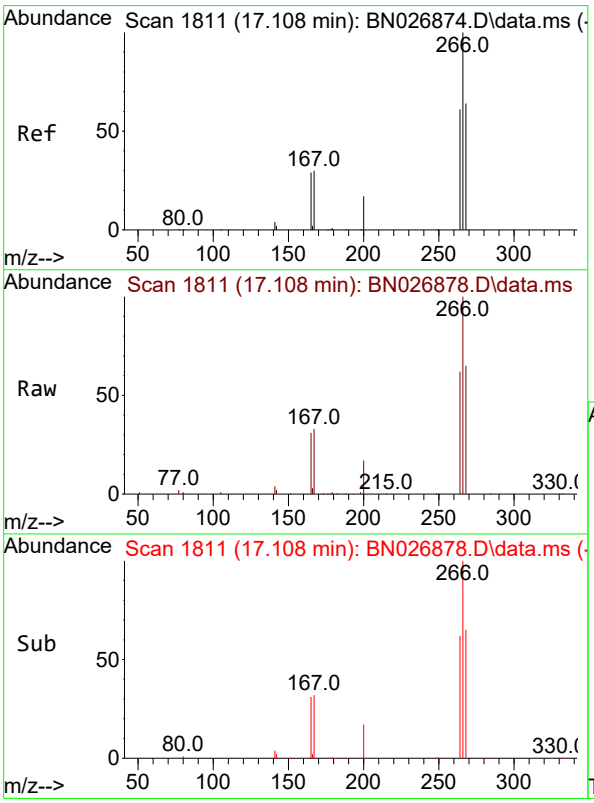
#23
Atrazine
Concen: 6.997 ng
RT: 16.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 72187

Ion	Ratio	Lower	Upper
200	100		
173	20.5	17.1	25.7
215	48.9	39.6	59.4

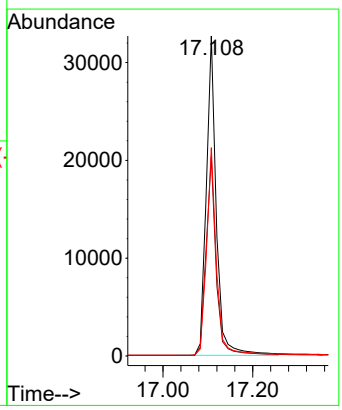


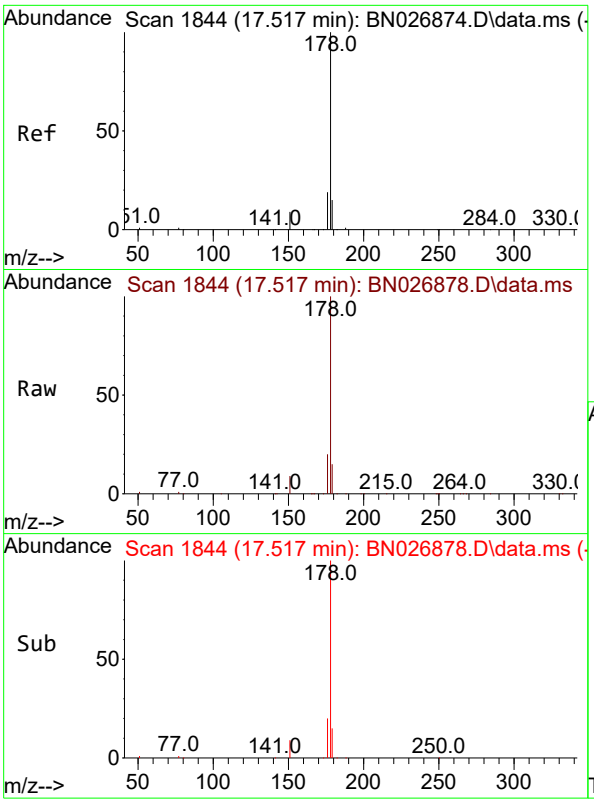


#24
Pentachlorophenol
Concen: 11.030 ng
RT: 17.108 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:266 Resp: 50573

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.7	74.5
268	64.4	49.3	73.9



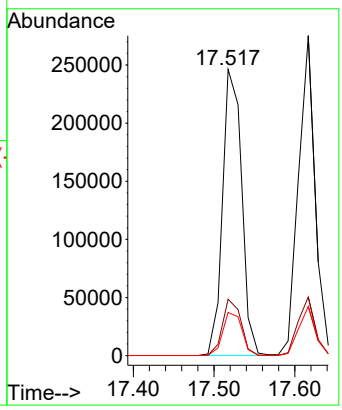


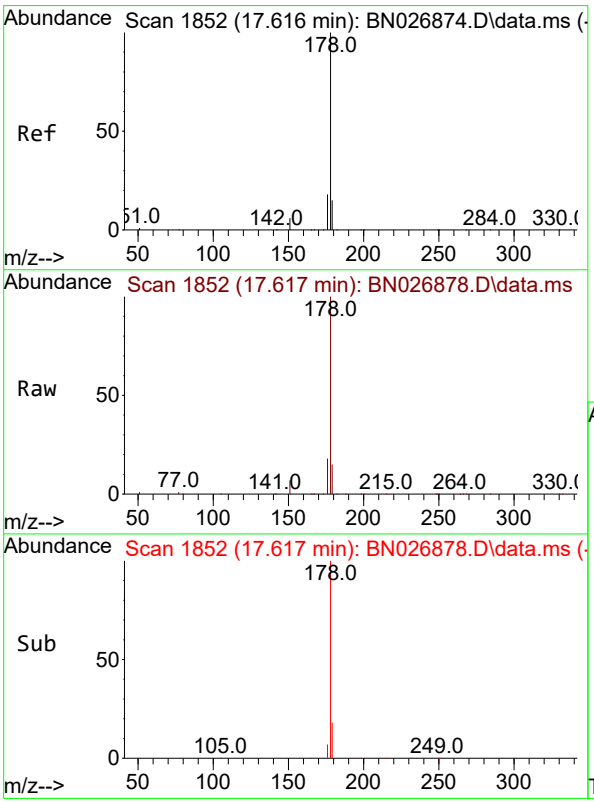
#25
Phenanthrene
Concen: 5.168 ng
RT: 17.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 405633

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.4

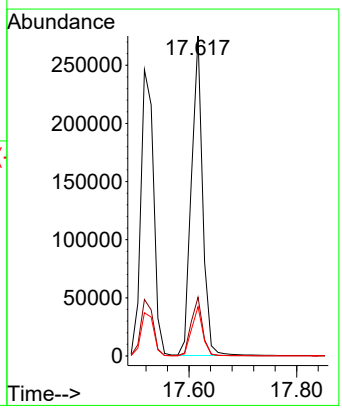


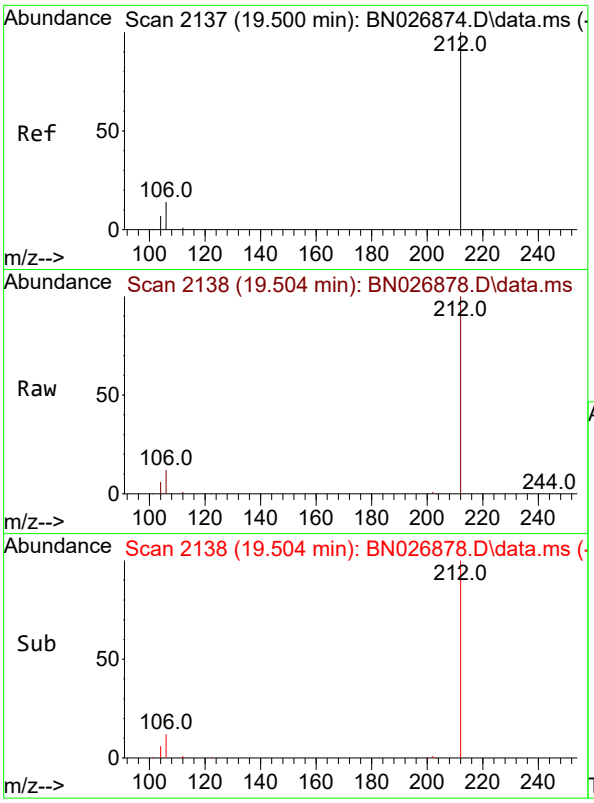


#26
Anthracene
Concen: 5.657 ng
RT: 17.617 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:178 Resp: 396696

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.1	18.1



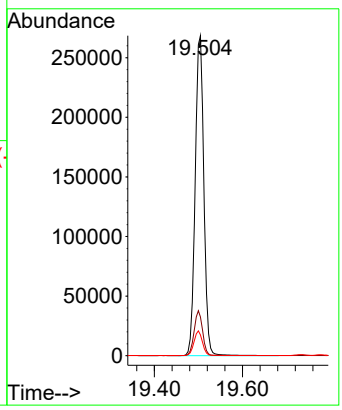


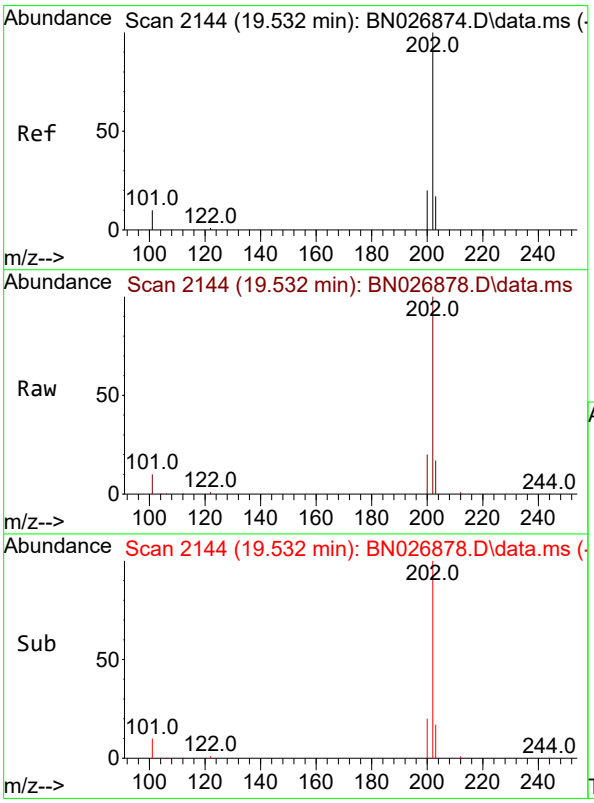
#27
Fluoranthene-d10
Concen: 5.894 ng
RT: 19.504 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 365767

Ion	Ratio	Lower	Upper
212	100		
106	13.7	10.9	16.3
104	7.5	5.9	8.9

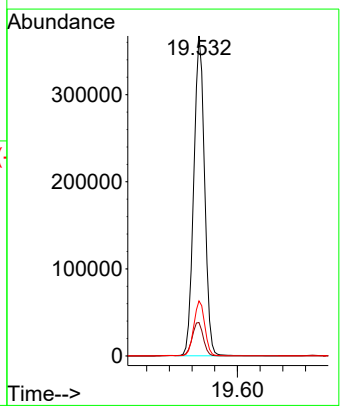


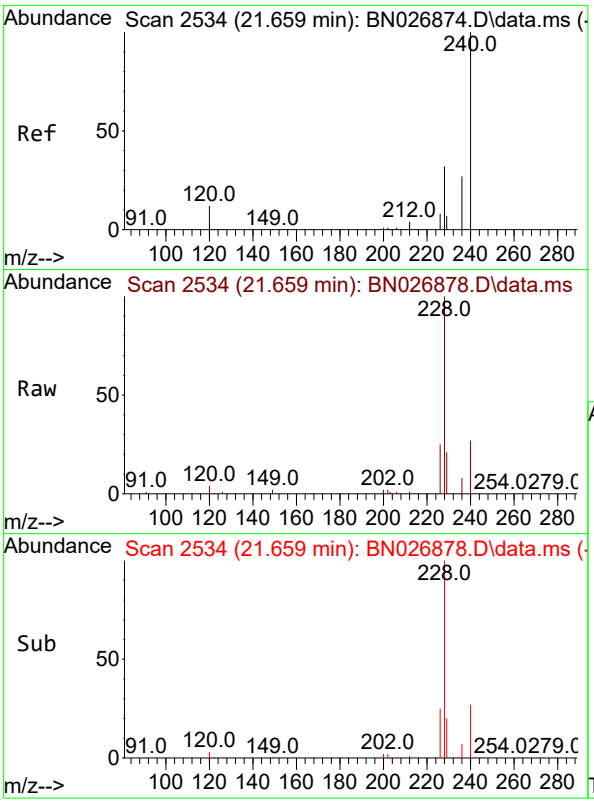


#28
Fluoranthene
Concen: 5.537 ng
RT: 19.532 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:202 Resp: 483928

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.3	13.7	20.5



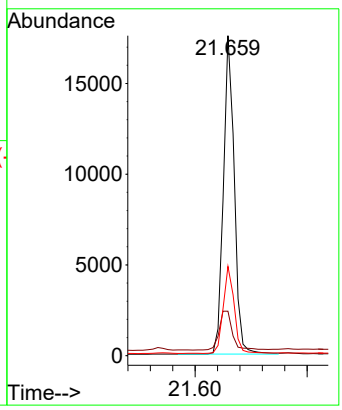


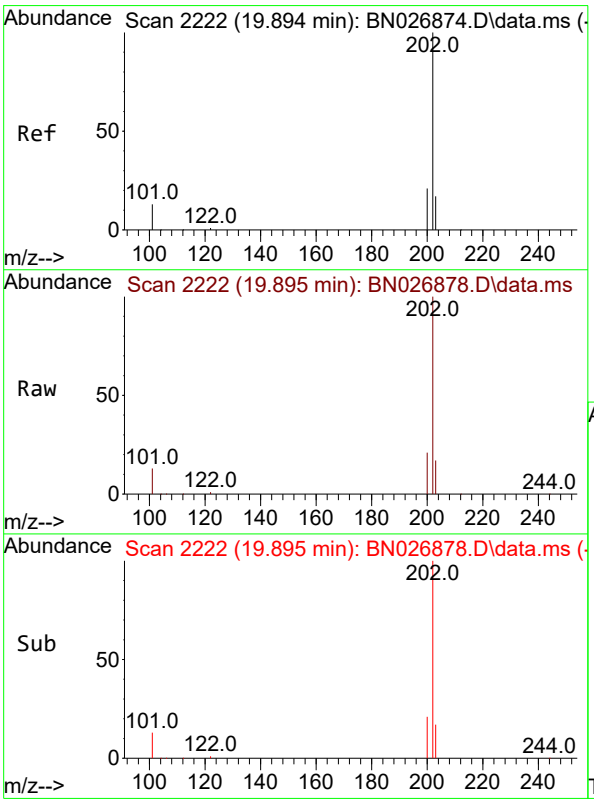
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23678

Ion	Ratio	Lower	Upper
240	100		
120	13.9	11.1	16.7
236	27.9	22.2	33.2

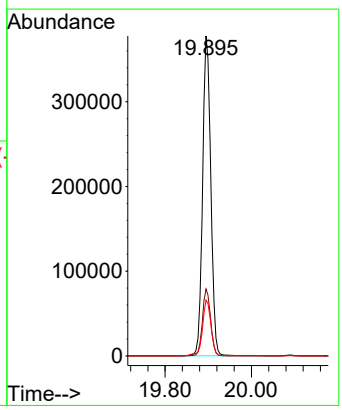


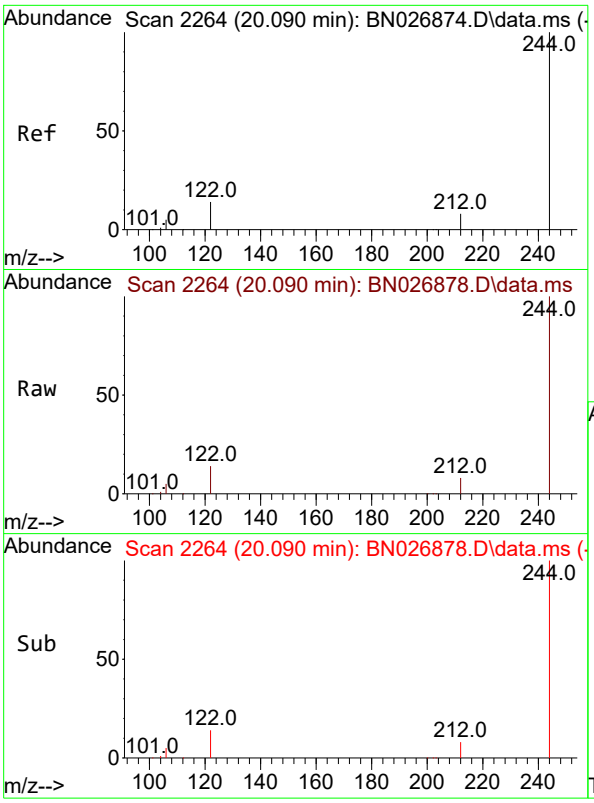


#30
Pyrene
Concen: 4.872 ng
RT: 19.895 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:202 Resp: 498480

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.9	14.4	21.6



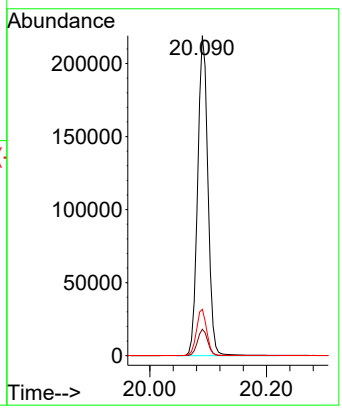


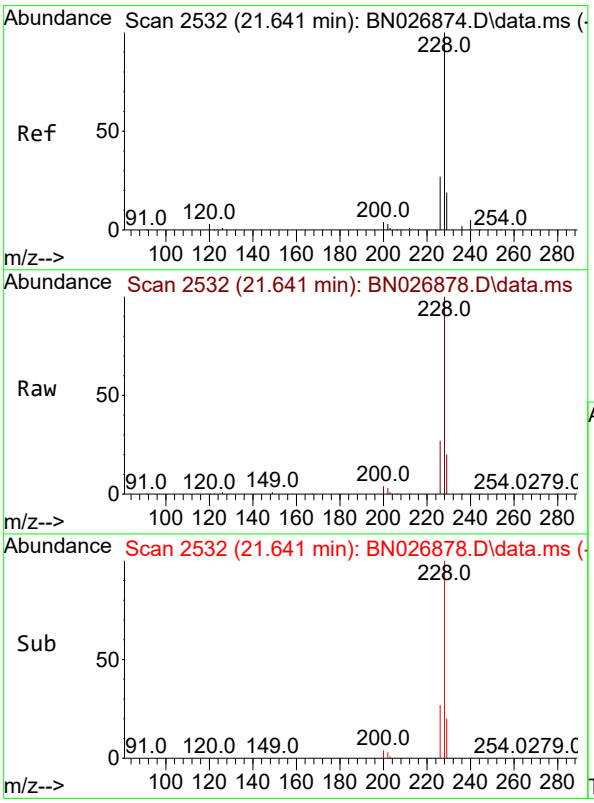
#31
Terphenyl-d14
Concen: 5.413 ng
RT: 20.090 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 267229

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	14.5	11.9	17.9

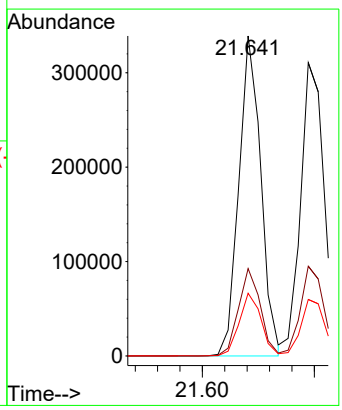


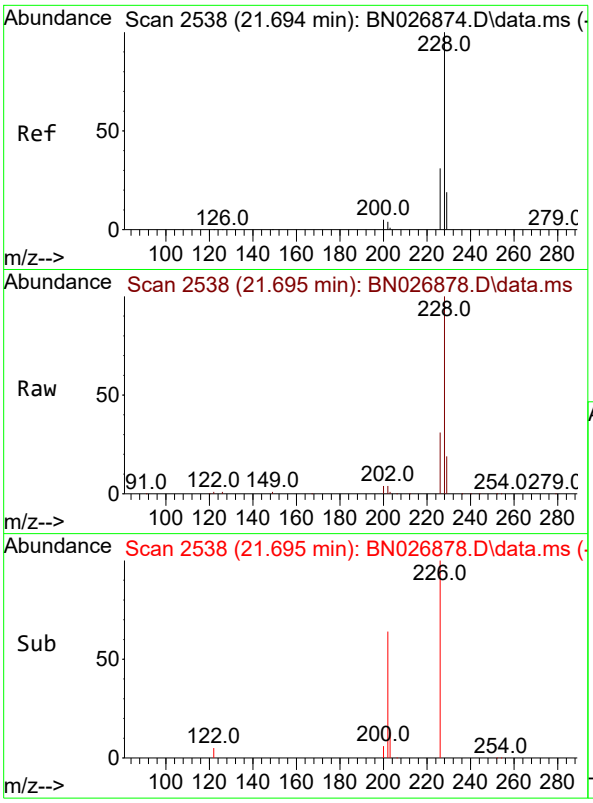


#32
Benzo(a)anthracene
Concen: 5.692 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:228 Resp: 462849

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.6	15.5	23.3



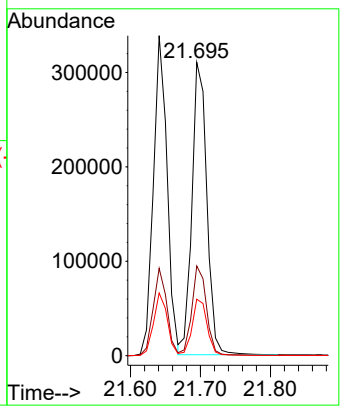


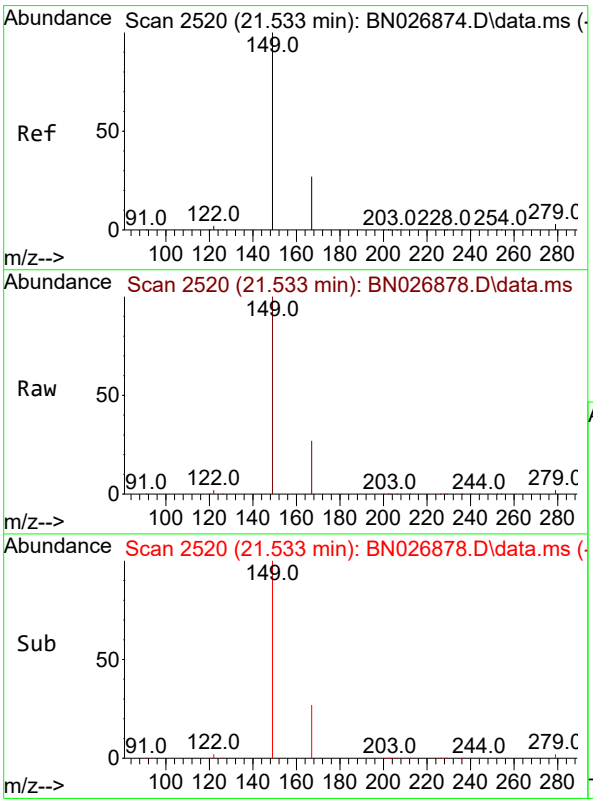
#33
Chrysene
Concen: 5.108 ng
RT: 21.695 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 459111

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	19.2	15.5	23.3

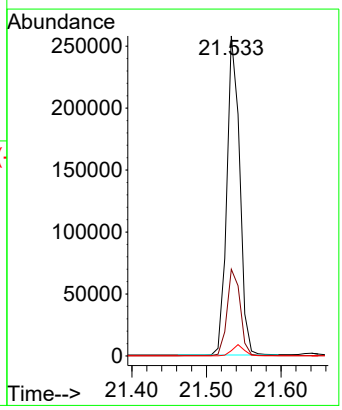


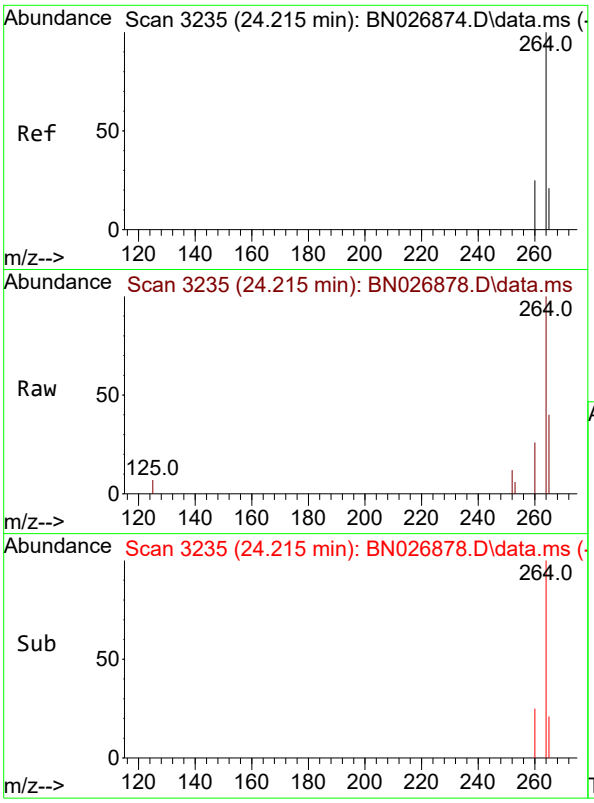


#34
Bis(2-ethylhexyl)phthalate
Concen: 11.455 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:149 Resp: 308587

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.0
279	3.3	3.6	5.4#



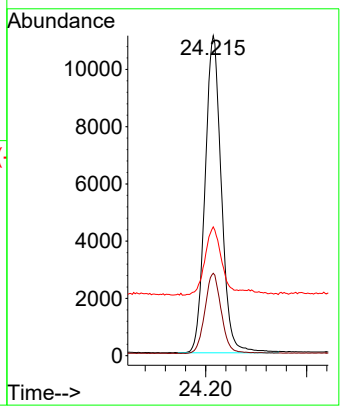


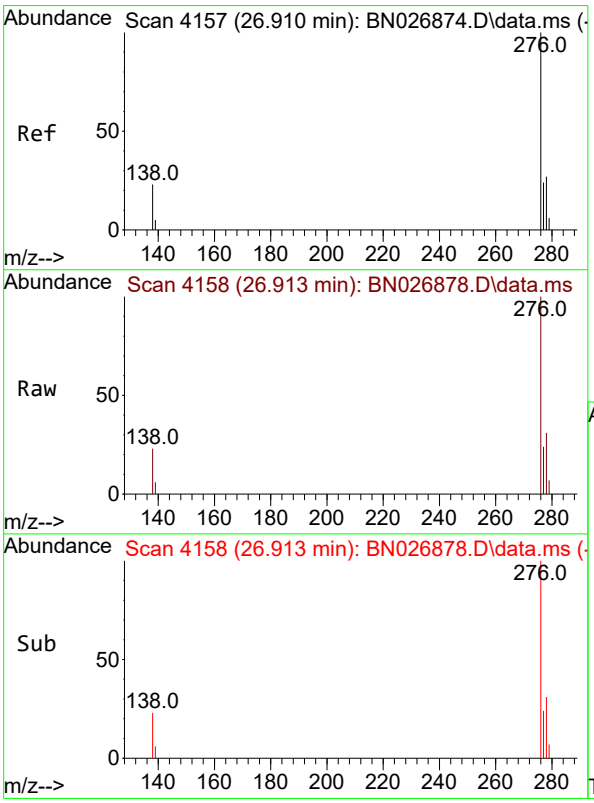
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.215 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 24877

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	40.3	27.0	40.6

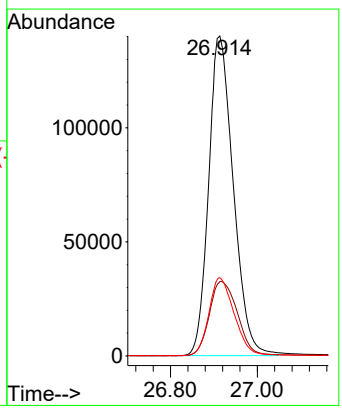


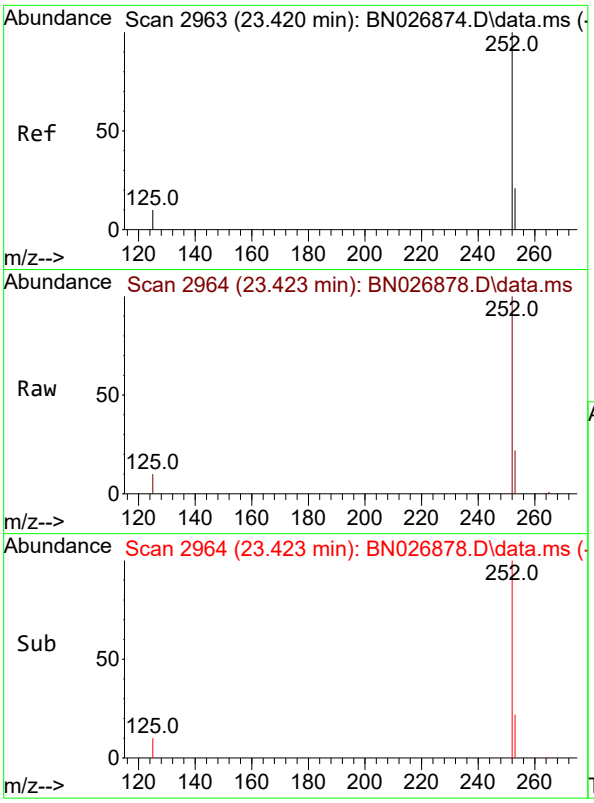


#36
Indeno(1,2,3-cd)pyrene
Concen: 5.455 ng
RT: 26.913 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:276 Resp: 553778

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.1	31.7
277	24.9	19.9	29.9



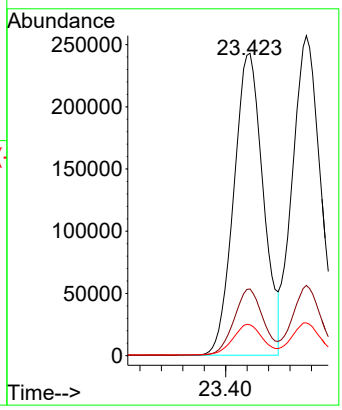


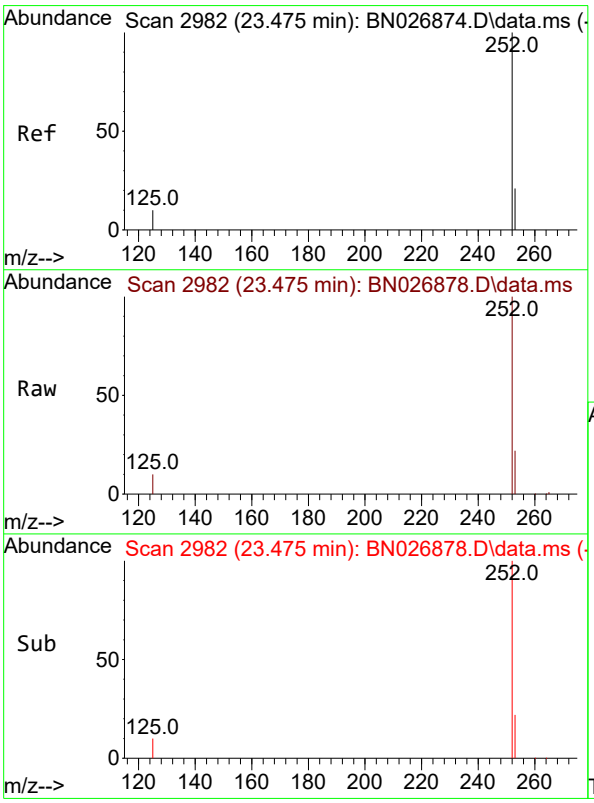
#37
Benzo(b)fluoranthene
Concen: 4.728 ng
RT: 23.423 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 462788

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.2	10.2	15.2

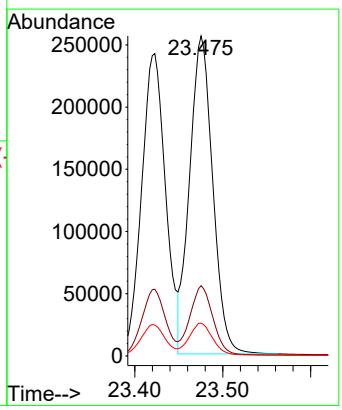


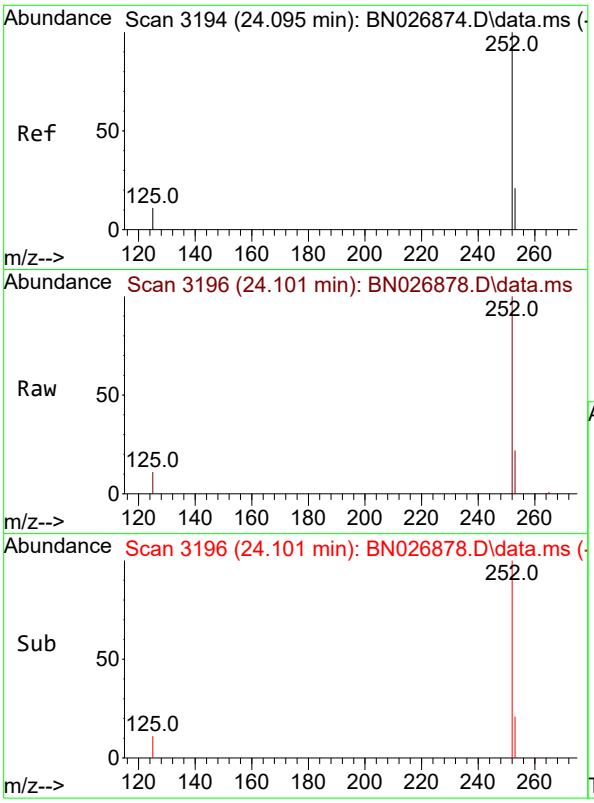


#38
Benzo(k)fluoranthene
Concen: 4.651 ng
RT: 23.475 min Scan# 2982
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:252 Resp: 467781

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	10.3	10.2	15.2



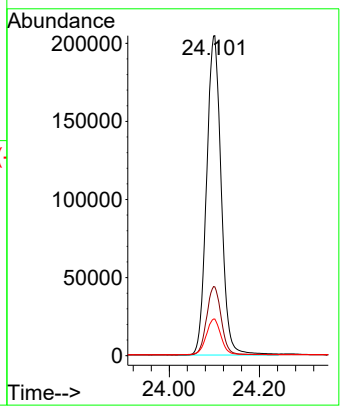


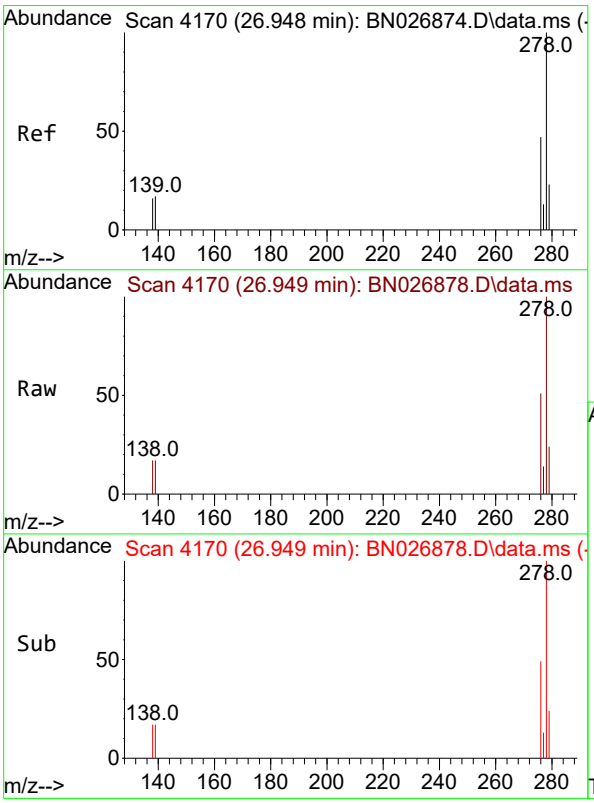
#39
Benzo(a)pyrene
Concen: 5.135 ng
RT: 24.101 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 458318

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.6	28.0
125	11.4	11.7	17.5#

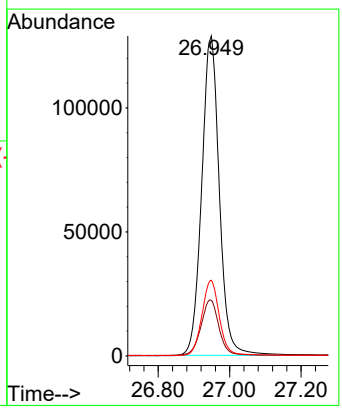


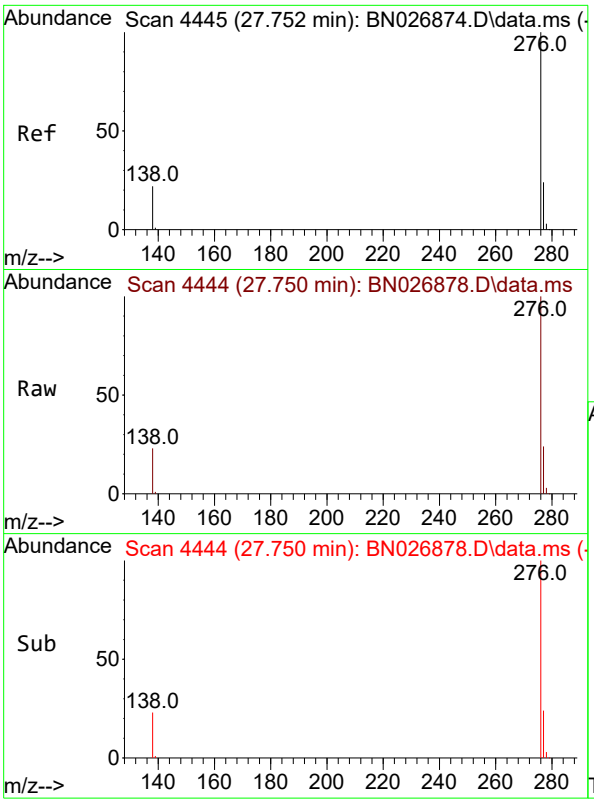


#40
Dibenzo(a,h)anthracene
Concen: 5.595 ng
RT: 26.949 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Tgt Ion:278 Resp: 441122

Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.3	22.9
279	23.6	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 5.035 ng
RT: 27.750 min Scan# 44
Delta R.T. -0.003 min
Lab File: BN026878.D
Acq: 10 Aug 2023 11:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 469922

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	22.9	19.0	28.4