Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026877.D
Acq On : 10 Aug 2023 11:11
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 01:50:41 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	6465	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	18782	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	12115	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	26812	0.400	ng		0.00
29) Chrysene-d12	21.659	240	25557	0.400	ng		0.00
35) Perylene-d12	24.212	264	26213	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	51009	3.115	ng		0.00
5) Phenol-d6	7.236	99	65608	3.095	ng		0.00
8) Nitrobenzene-d5	9.294	82	46527	4.183	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	91297	3.390	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	20204	4.899	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	143458	2.900	ng		0.00
27) Fluoranthene-d10	19.500	212	226059	3.511	ng		0.00
31) Terphenyl-d14	20.090	244	163588	3.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	20543	2.722	ng		97
3) n-Nitrosodimethylamine	3.819	42	23222	2.757	ng	#	99
6) bis(2-Chloroethyl)ether	7.539	93	57732	3.021	ng		100
9) Naphthalene	10.992	128	159566	3.090	ng		99
10) Hexachlorobutadiene	11.226	225	29100	3.107	ng	#	100
12) 2-Methylnaphthalene	12.585	142	116688	3.310	ng		98
16) Acenaphthylene	14.459	152	193605	3.233	ng		100
17) Acenaphthene	14.801	154	115439	3.073	ng		98
18) Fluorene	15.780	166	155038	3.170	ng		100
20) 4,6-Dinitro-2-methylph...	16.934	198	1389	3.201	ng	#	4
21) 4-Bromophenyl-phenylether	16.673	248	50362	3.107	ng		99
22) Hexachlorobenzene	16.748	284	52473	2.833	ng		99
23) Atrazine	16.934	200	44754	4.181	ng		99
24) Pentachlorophenol	17.108	266	29182	6.135	ng		98
25) Phenanthrene	17.517	178	252810	3.105	ng		100
26) Anthracene	17.617	178	245331	3.372	ng		100
28) Fluoranthene	19.532	202	301679	3.327	ng		99
30) Pyrene	19.895	202	312969	2.834	ng		100
32) Benzo(a)anthracene	21.641	228	299425	3.412	ng		100
33) Chrysene	21.695	228	299512	3.087	ng		100
34) Bis(2-ethylhexyl)phtha...	21.533	149	197361	6.788	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.913	276	349701	3.269	ng		100
37) Benzo(b)fluoranthene	23.420	252	297304	2.882	ng		96
38) Benzo(k)fluoranthene	23.472	252	306343	2.891	ng		97
39) Benzo(a)pyrene	24.098	252	290111	3.085	ng	#	96
40) Dibenzo(a,h)anthracene	26.940	278	279310	3.362	ng		97
41) Benzo(g,h,i)perylene	27.756	276	296896	3.019	ng		98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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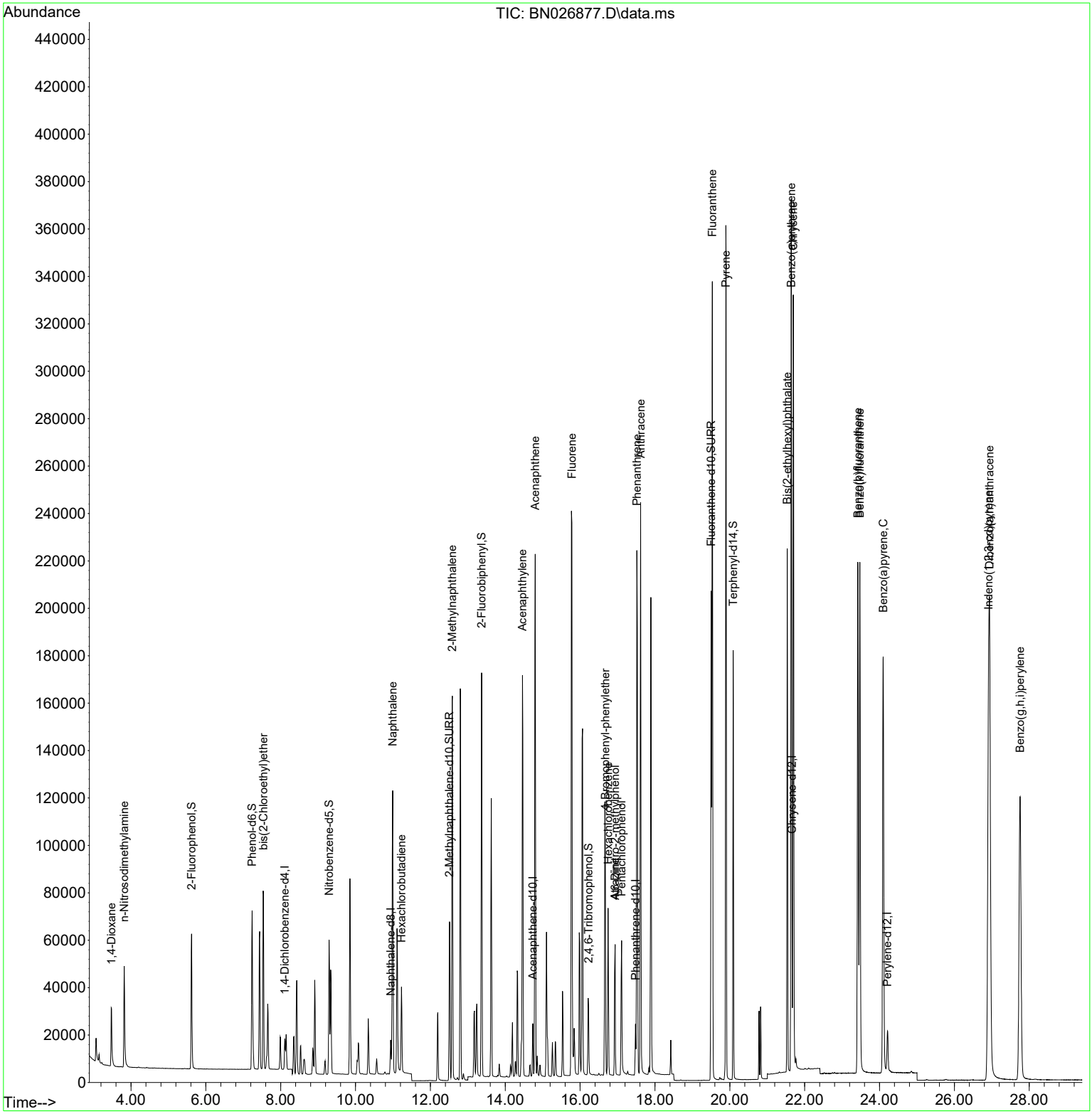
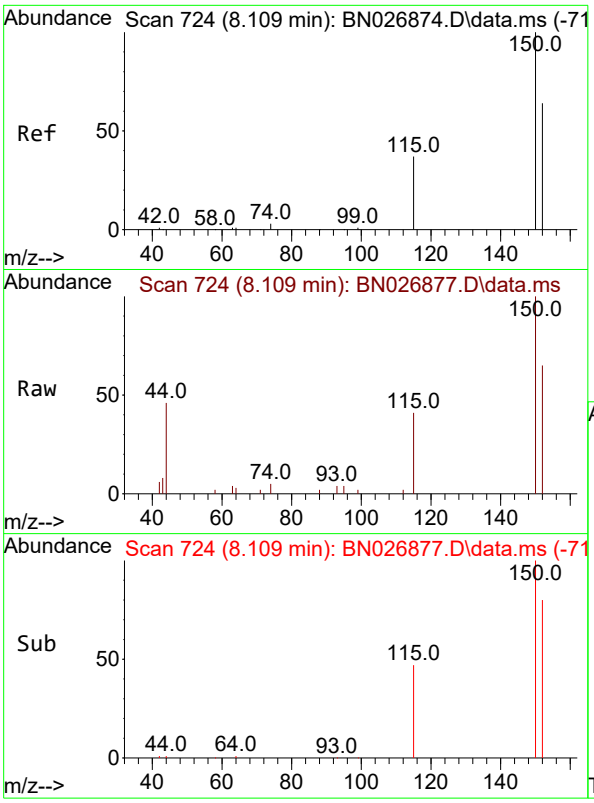


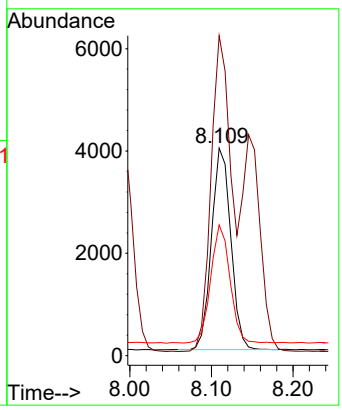


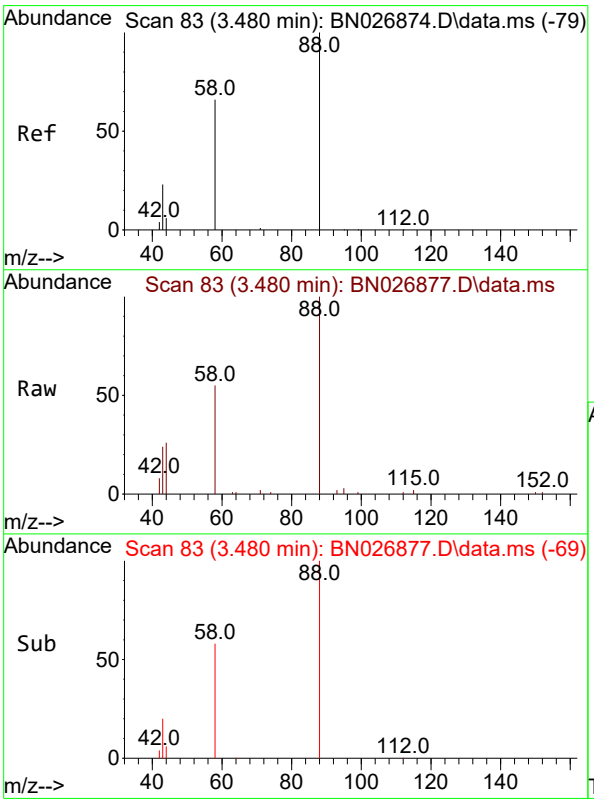
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6465

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.6
115	63.0	49.7	74.5

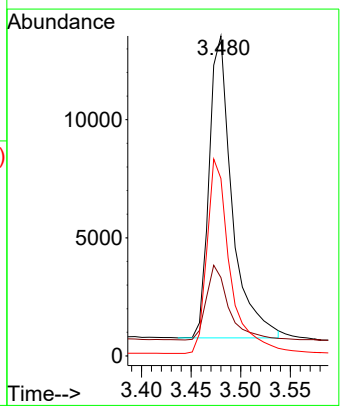


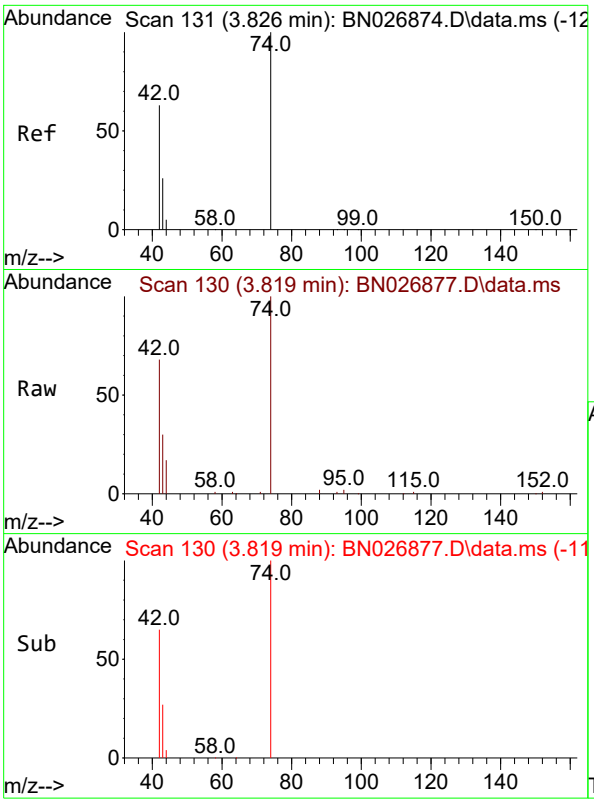


#2
1,4-Dioxane
Concen: 2.722 ng
RT: 3.480 min Scan# 83
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion: 88 Resp: 20543

Ion	Ratio	Lower	Upper
88	100		
43	24.2	19.2	28.8
58	64.8	54.5	81.7



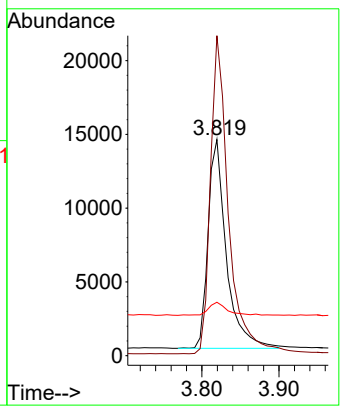


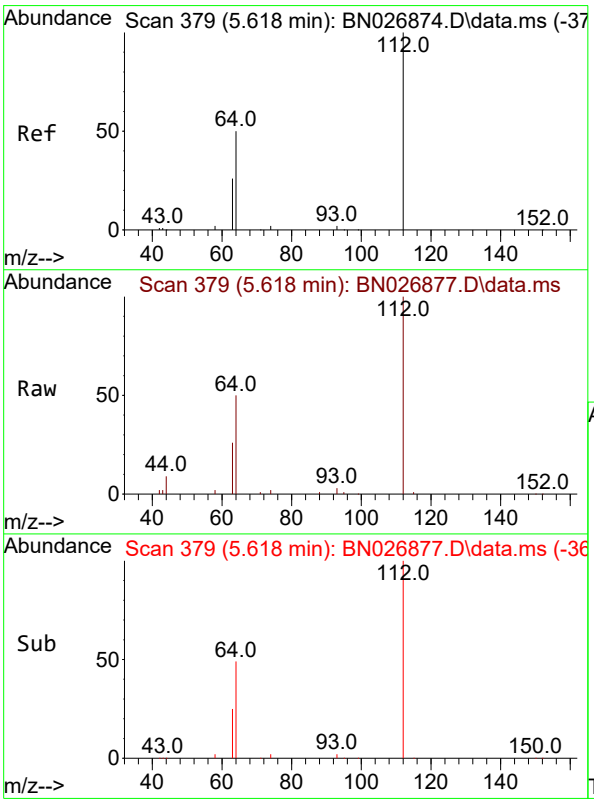
#3
n-Nitrosodimethylamine
Concen: 2.757 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 23222

Ion	Ratio	Lower	Upper
42	100		
74	150.0	119.4	179.2
44	6.5	8.7	13.1#

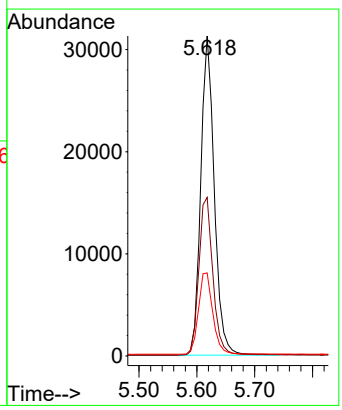


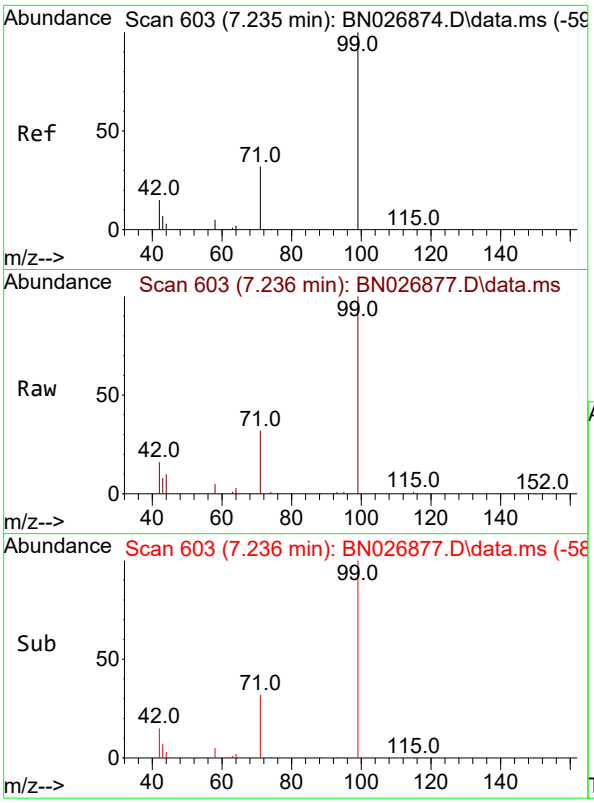


#4
2-Fluorophenol
Concen: 3.115 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:112 Resp: 51009

Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.5	62.3
63	26.9	21.7	32.5



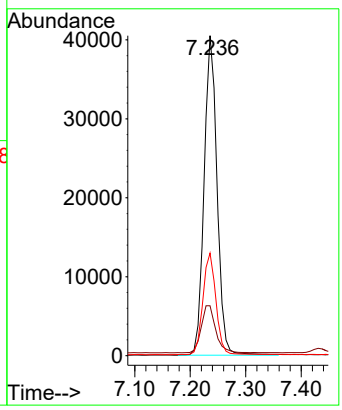


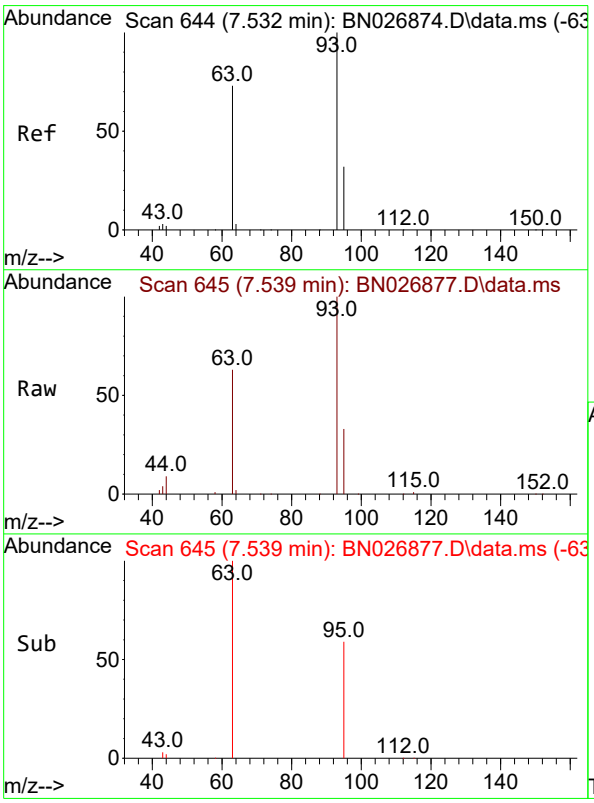
#5
Phenol-d6
Concen: 3.095 ng
RT: 7.236 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 65608

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	31.9	26.0	39.0

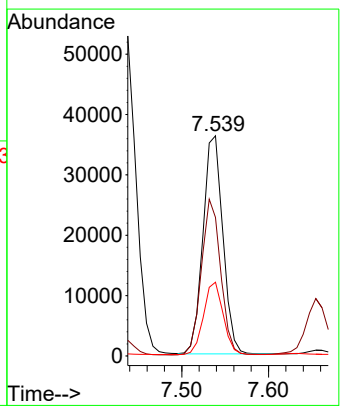


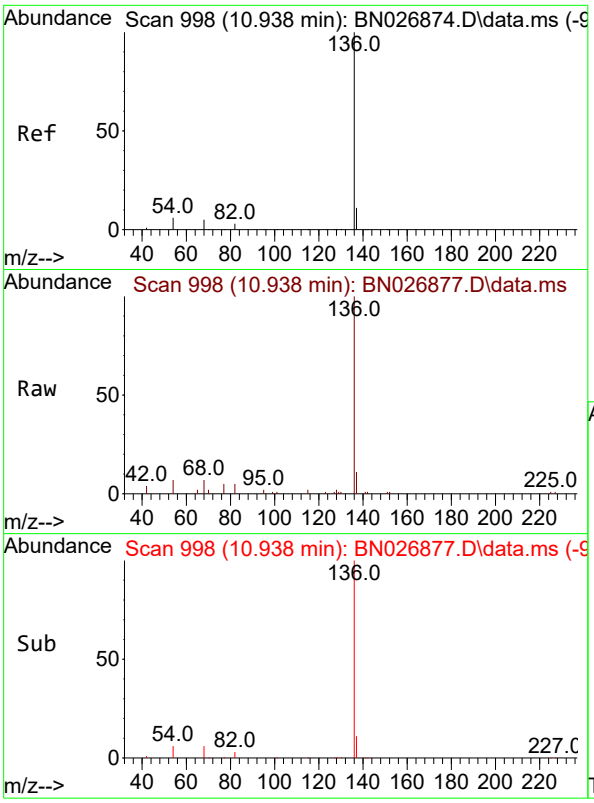


#6
bis(2-Chloroethyl)ether
Concen: 3.021 ng
RT: 7.539 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion: 93 Resp: 57732

Ion	Ratio	Lower	Upper
93	100		
63	69.1	55.0	82.4
95	32.7	26.2	39.2



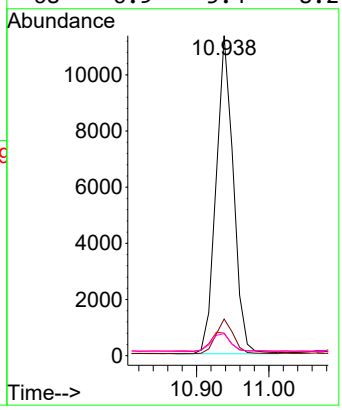


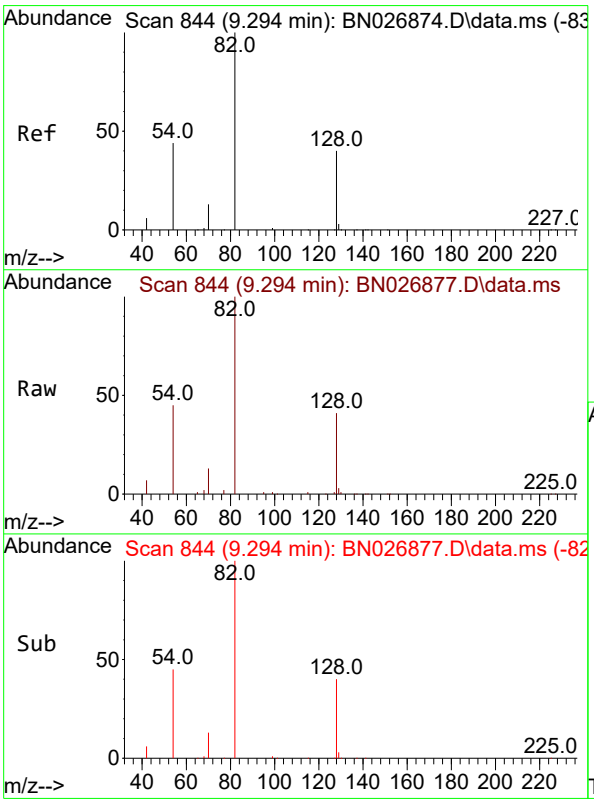
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18782

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.1	5.5	8.3
68	6.9	5.4	8.2

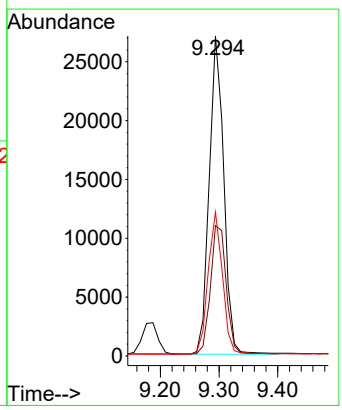


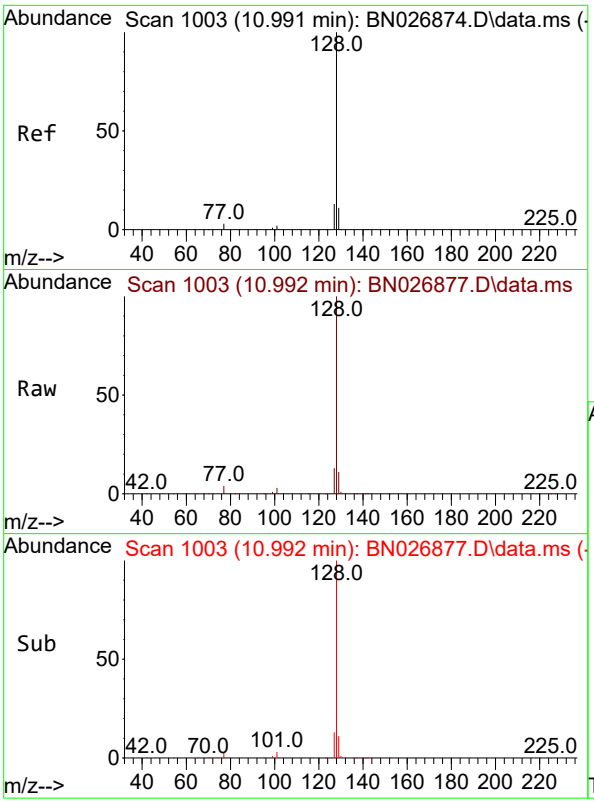


#8
Nitrobenzene-d5
Concen: 4.183 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion: 82 Resp: 46527

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.1	51.1
54	44.9	37.0	55.4



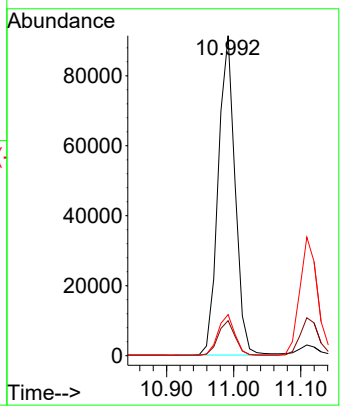


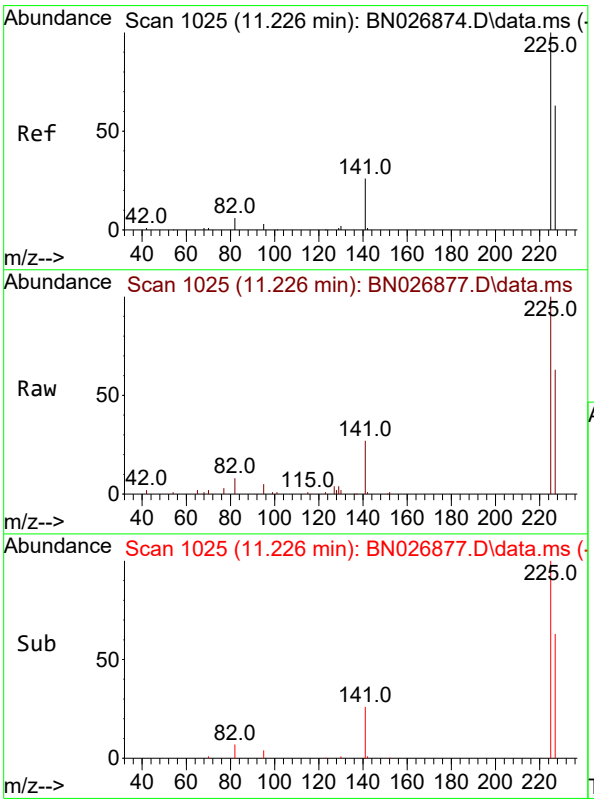
#9
Naphthalene
Concen: 3.090 ng
RT: 10.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 159566

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

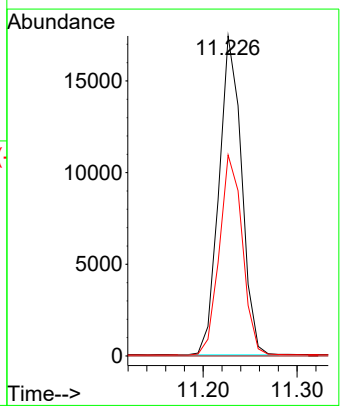


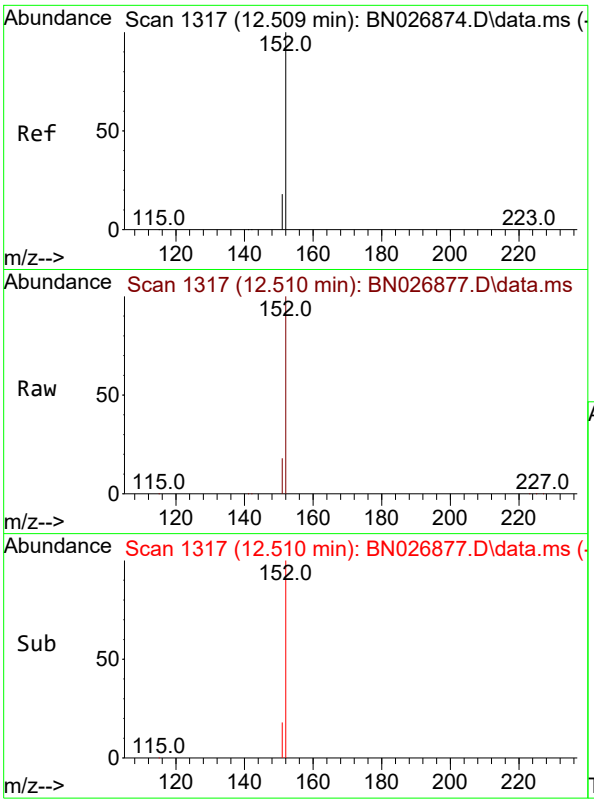


#10
Hexachlorobutadiene
Concen: 3.107 ng
RT: 11.226 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:225 Resp: 29100

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



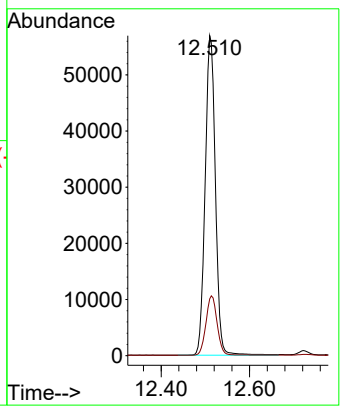


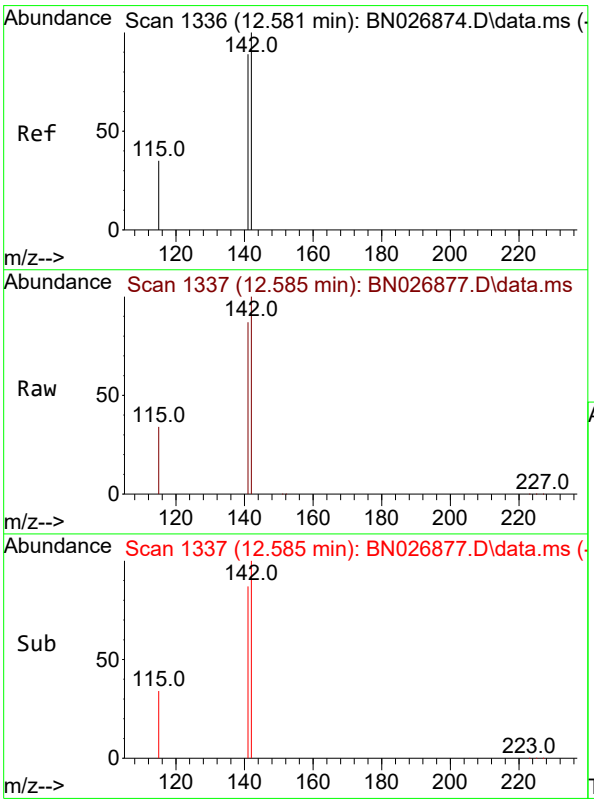
#11
2-Methylnaphthalene-d10
Concen: 3.390 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 91297

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

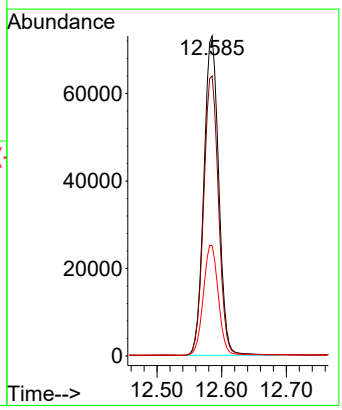


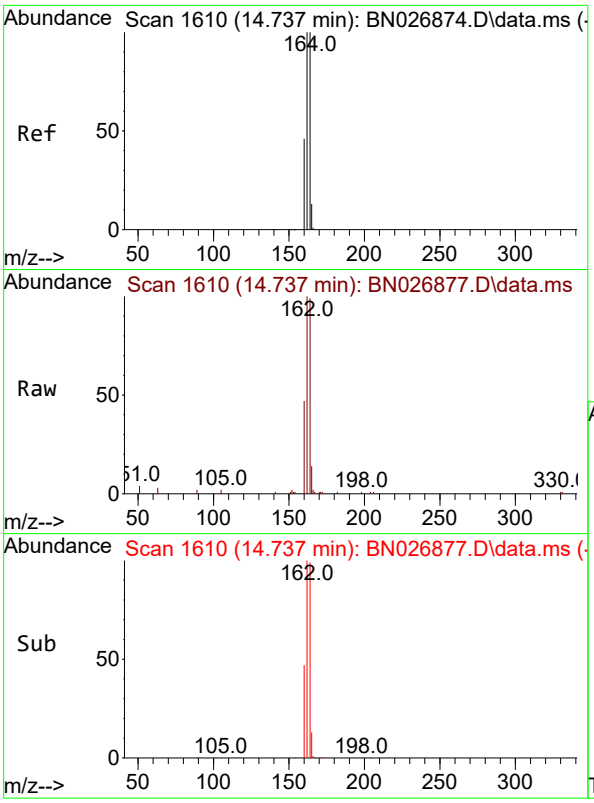


#12
2-Methylnaphthalene
Concen: 3.310 ng
RT: 12.585 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:142 Resp: 116688

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6
115	34.5	29.4	44.2



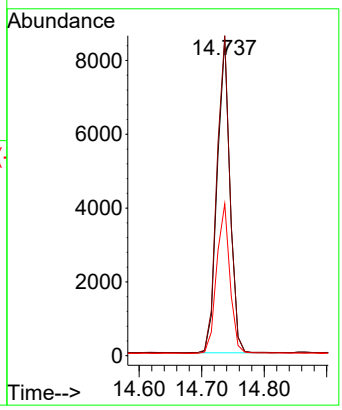


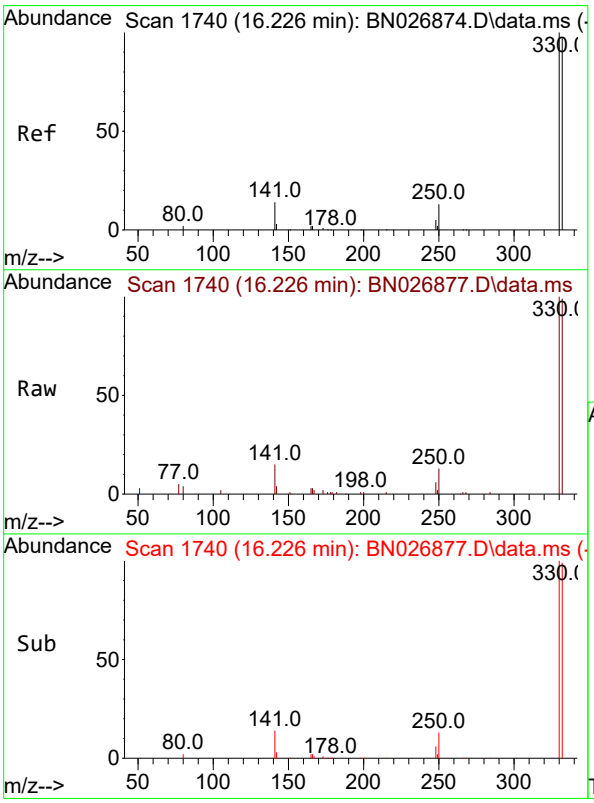
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12115

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.7	119.5
160	48.0	37.4	56.0

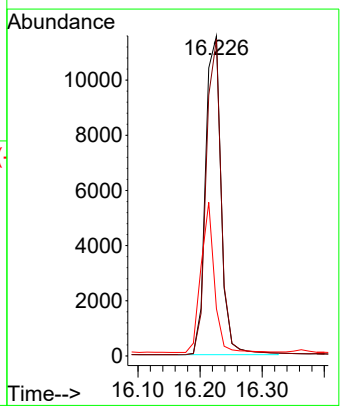


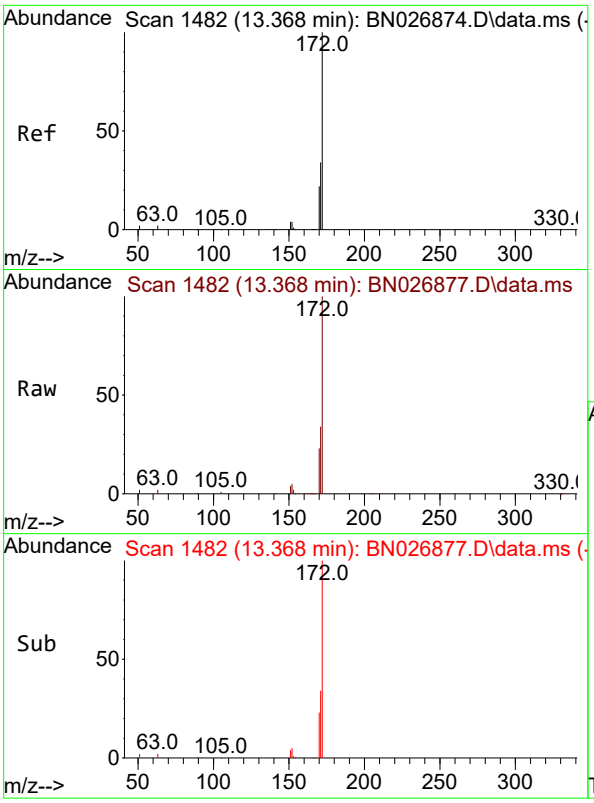


#14
2,4,6-Tribromophenol
Concen: 4.899 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:330 Resp: 20204

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	40.7	32.3	48.5



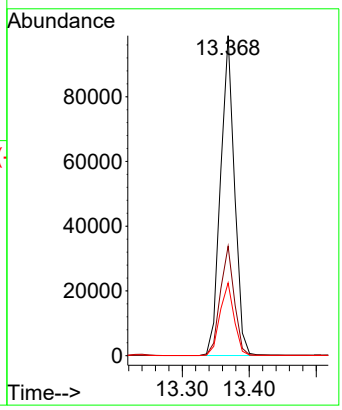


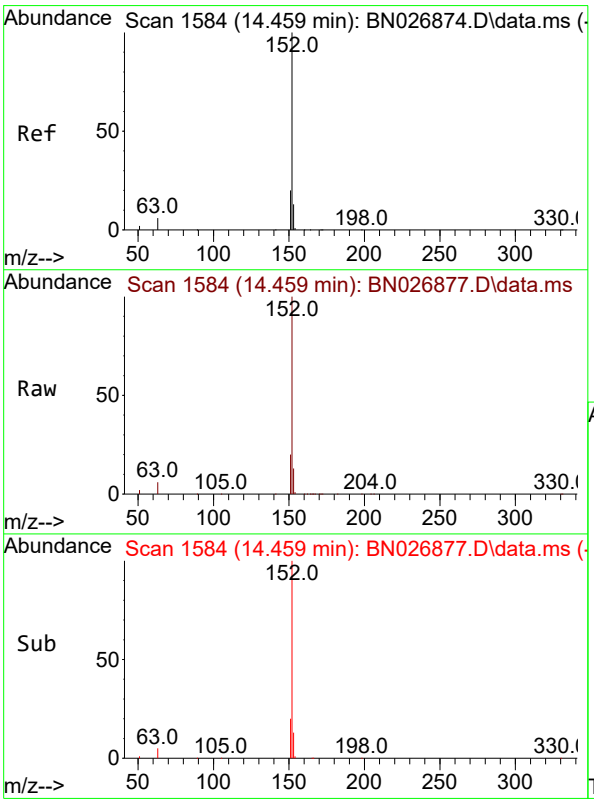
#15
2-Fluorobiphenyl
Concen: 2.900 ng
RT: 13.368 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 143458

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.8	18.0	27.0

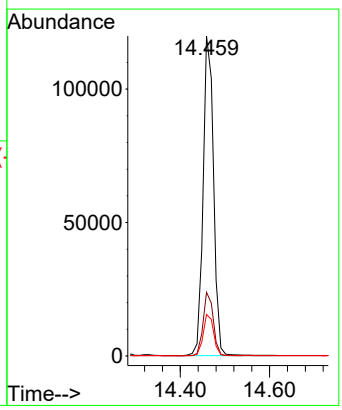


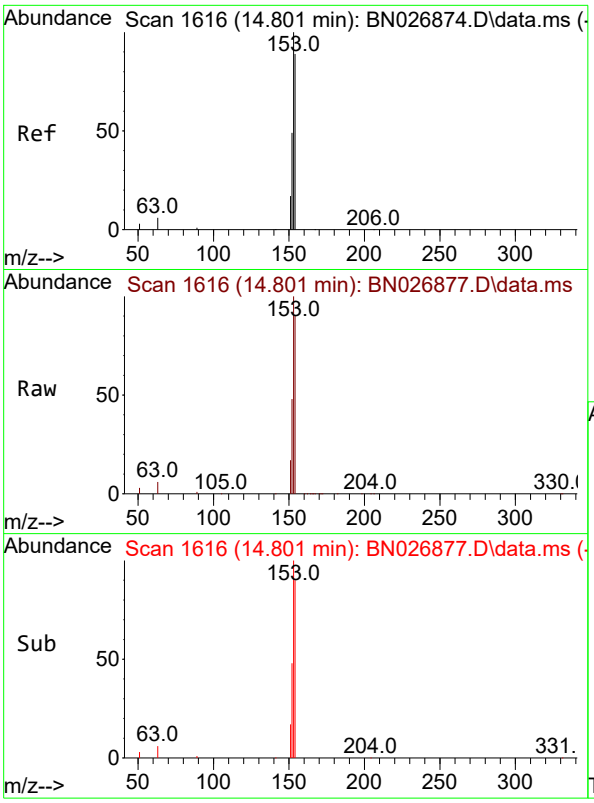


#16
Acenaphthylene
Concen: 3.233 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:152 Resp: 193605

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



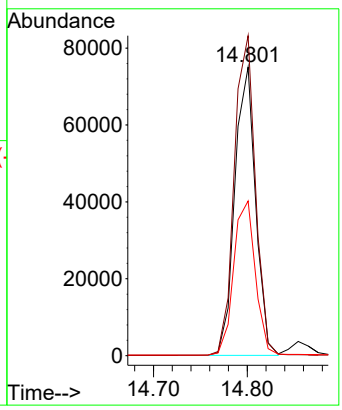


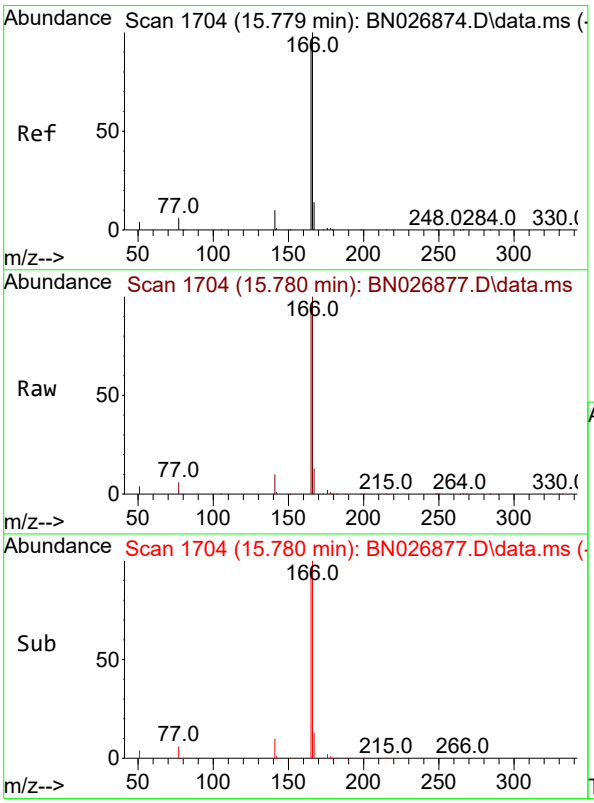
#17
Acenaphthene
Concen: 3.073 ng
RT: 14.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 115439

Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.0	138.0
152	56.1	46.2	69.2

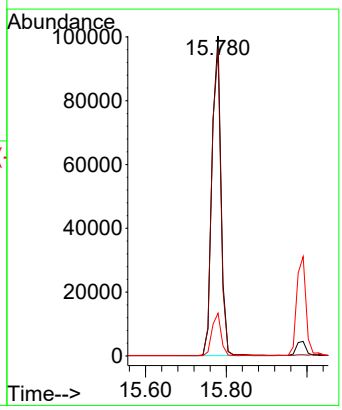


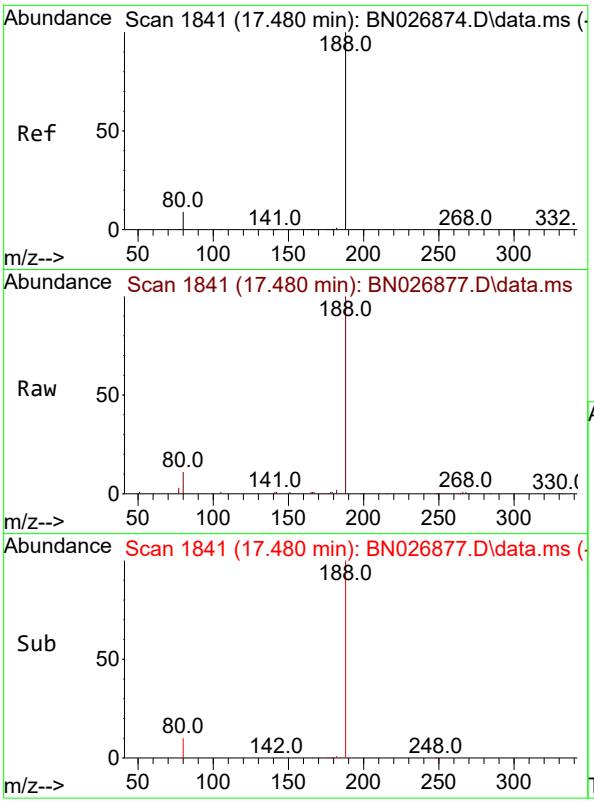


#18
Fluorene
Concen: 3.170 ng
RT: 15.780 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:166 Resp: 155038

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.4	116.2
167	13.3	10.9	16.3



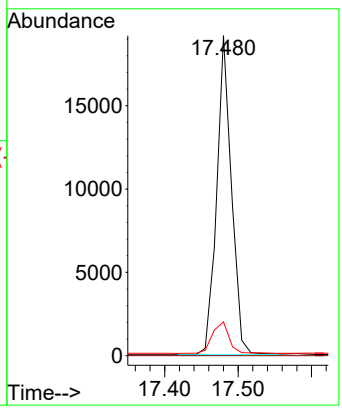


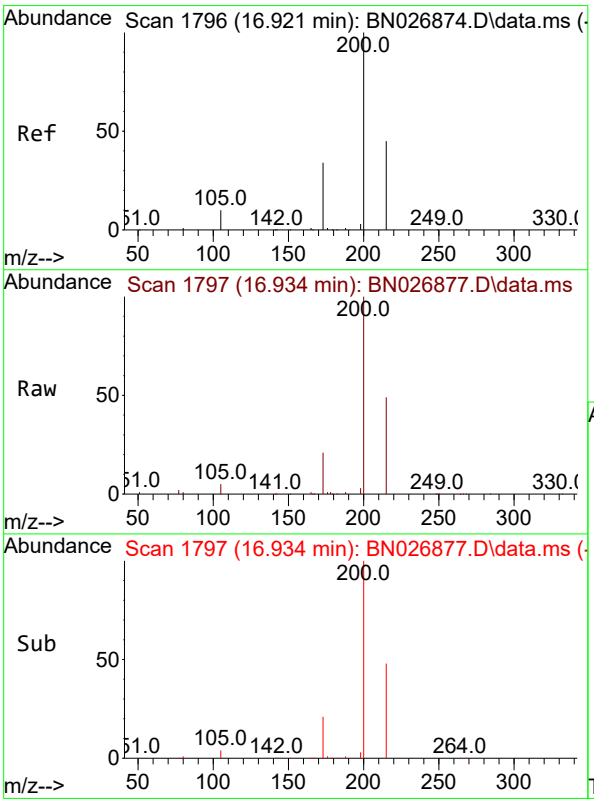
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 26812

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	7.4	11.2

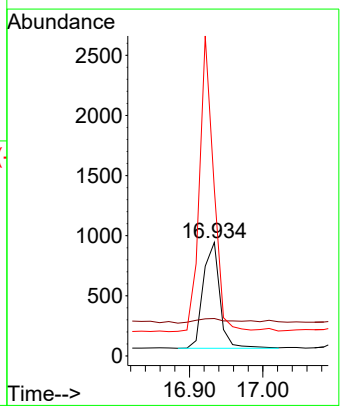


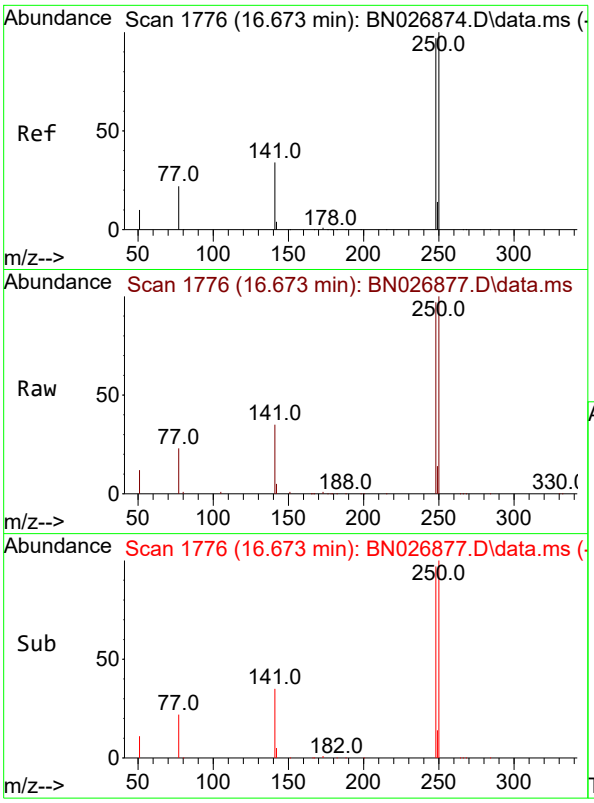


#20
4,6-Dinitro-2-methylphenol
Concen: 3.201 ng
RT: 16.934 min Scan# 1797
Delta R.T. 0.013 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:198 Resp: 1389

Ion	Ratio	Lower	Upper
198	100		
51	32.9	143.8	215.8#
105	146.7	273.5	410.3#



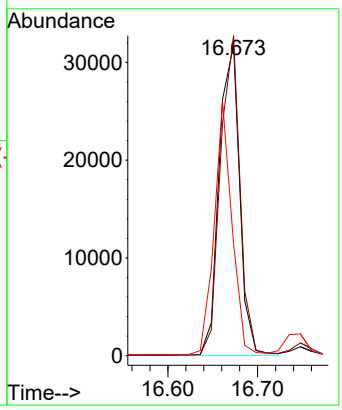


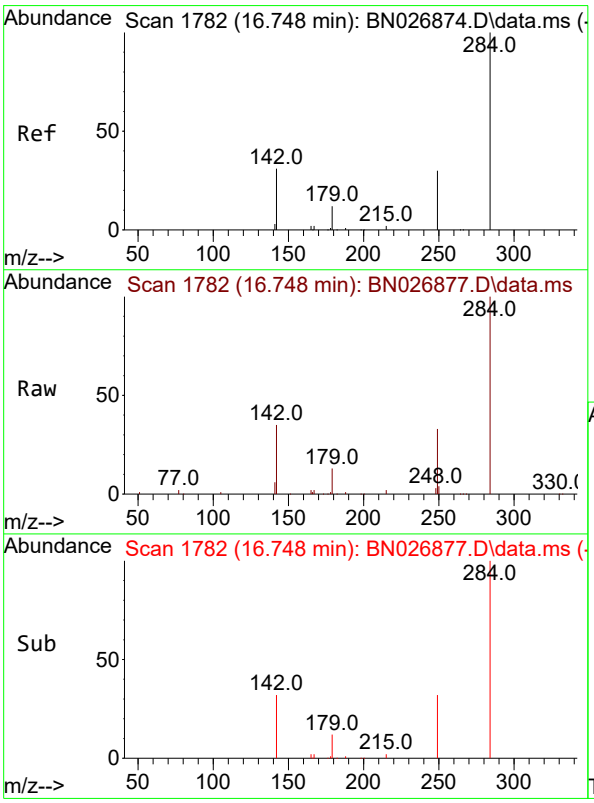
#21
4-Bromophenyl-phenylether
Concen: 3.107 ng
RT: 16.673 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 50362

Ion	Ratio	Lower	Upper
248	100		
250	103.0	83.0	124.4
141	36.1	29.9	44.9

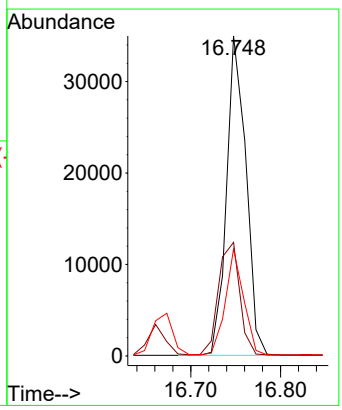


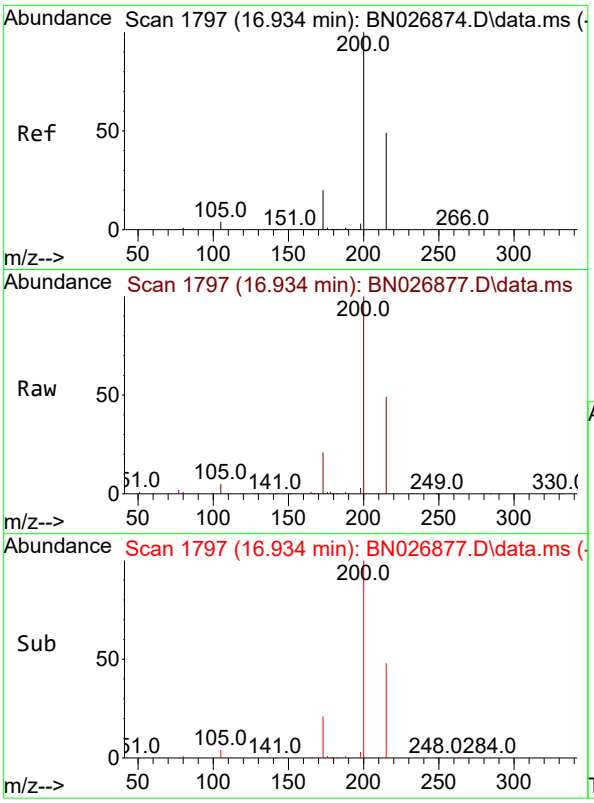


#22
Hexachlorobenzene
Concen: 2.833 ng
RT: 16.748 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:284 Resp: 52473

Ion	Ratio	Lower	Upper
284	100		
142	38.5	30.0	45.0
249	31.0	24.4	36.6



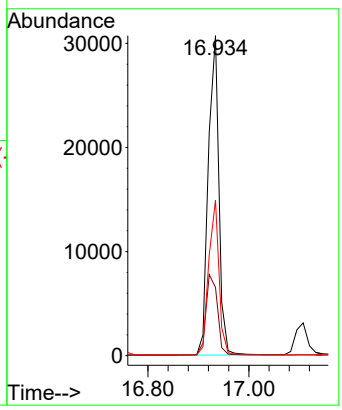


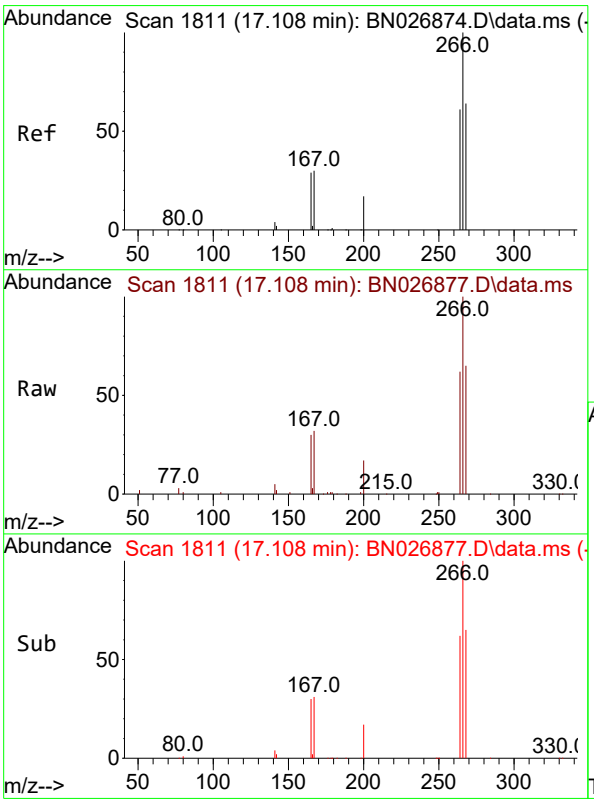
#23
Atrazine
Concen: 4.181 ng
RT: 16.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 44754

Ion	Ratio	Lower	Upper
200	100		
173	21.4	17.1	25.7
215	48.6	39.6	59.4

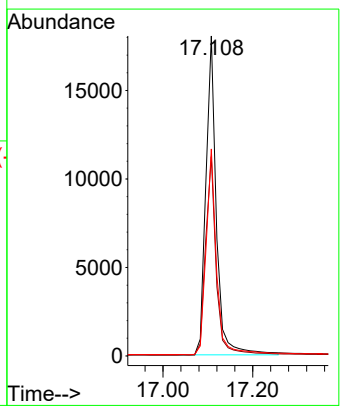


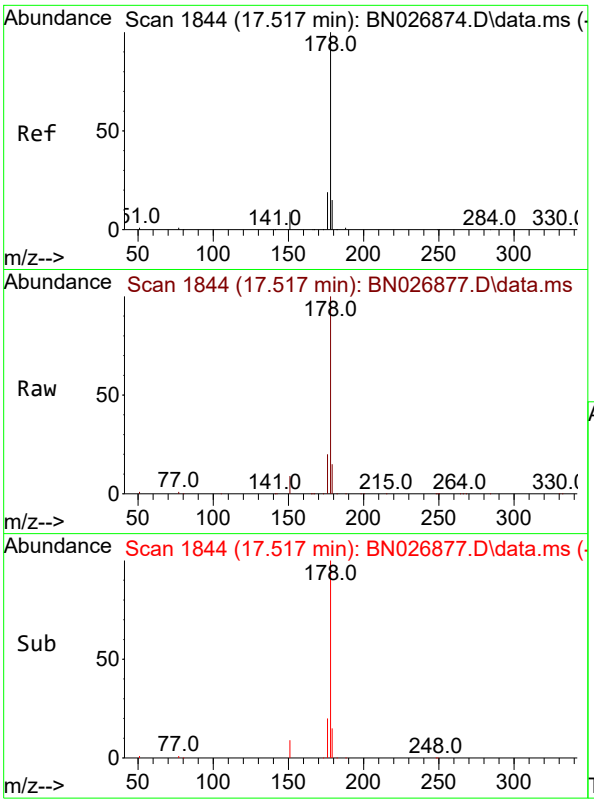


#24
Pentachlorophenol
Concen: 6.135 ng
RT: 17.108 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:266 Resp: 29182

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.7	74.5
268	64.1	49.3	73.9



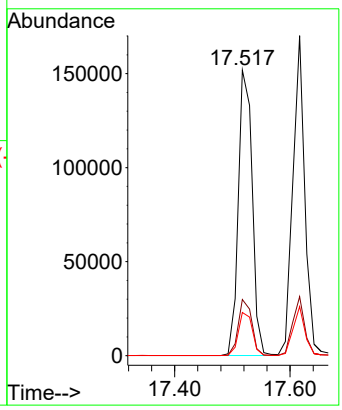


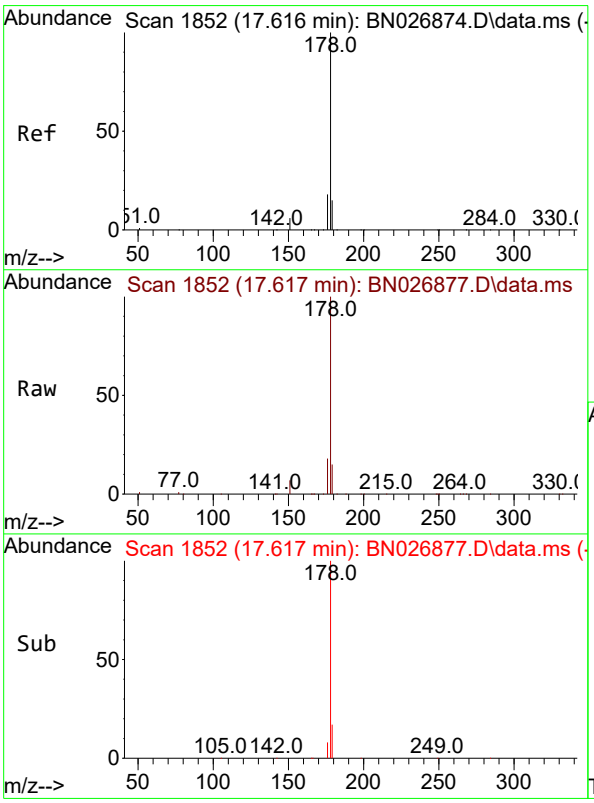
#25
Phenanthrene
Concen: 3.105 ng
RT: 17.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 252810

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

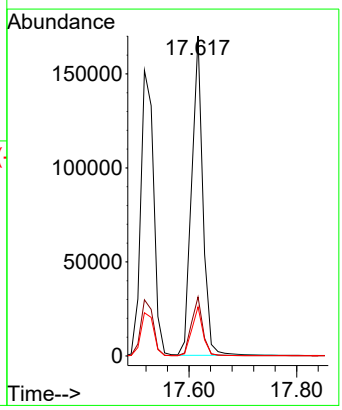


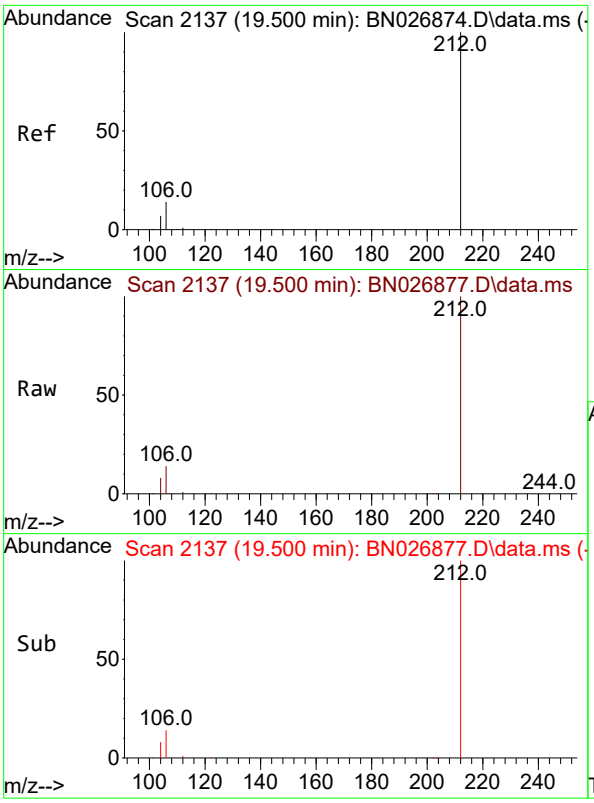


#26
Anthracene
Concen: 3.372 ng
RT: 17.617 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:178 Resp: 245331

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.1	18.1



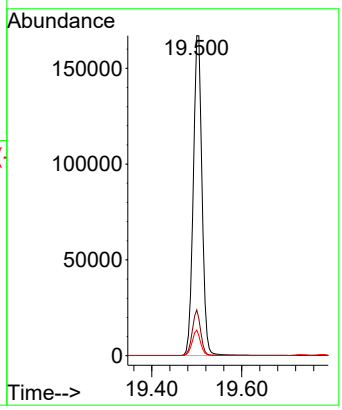


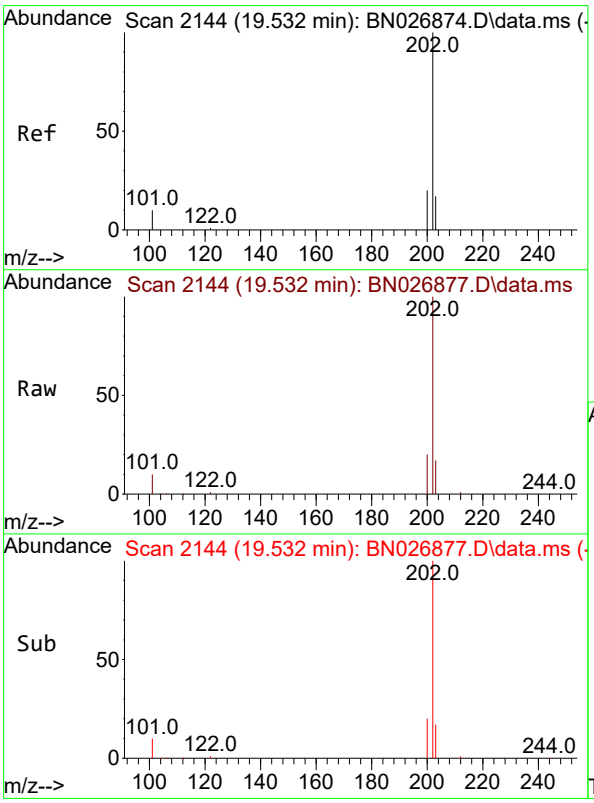
#27
Fluoranthene-d10
Concen: 3.511 ng
RT: 19.500 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 226059

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.9	16.3
104	7.5	5.9	8.9

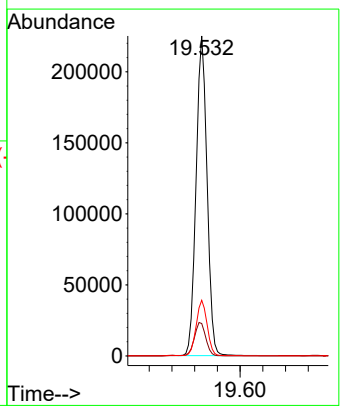


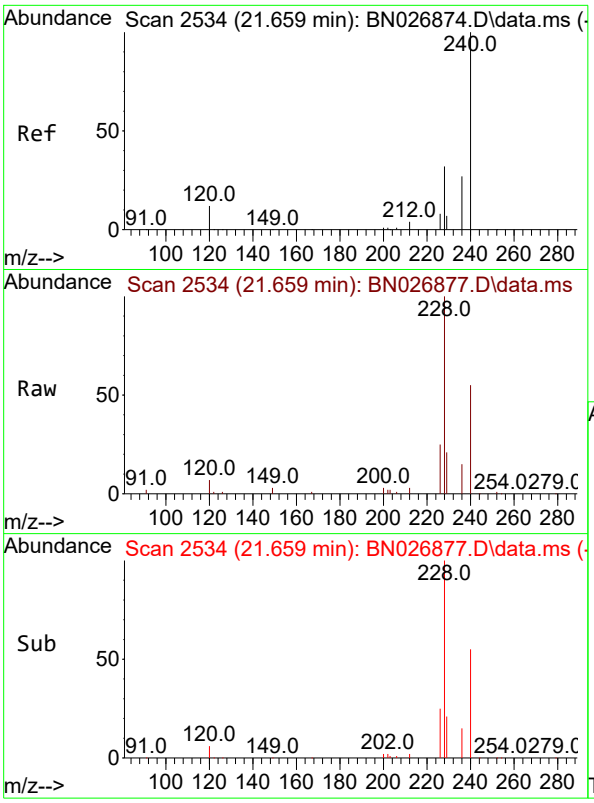


#28
Fluoranthene
Concen: 3.327 ng
RT: 19.532 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:202 Resp: 301679

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.4	13.7	20.5



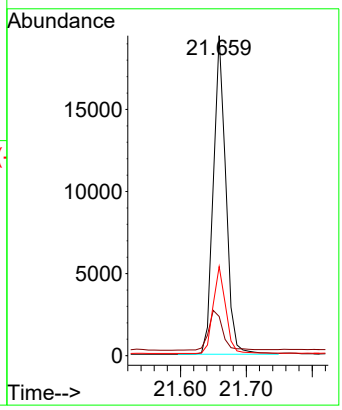


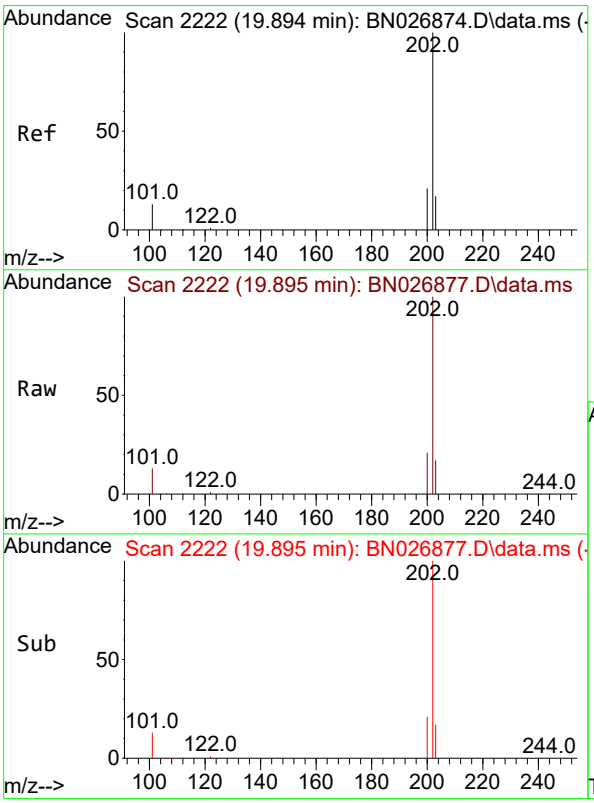
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25557

Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.1	16.7
236	27.8	22.2	33.2

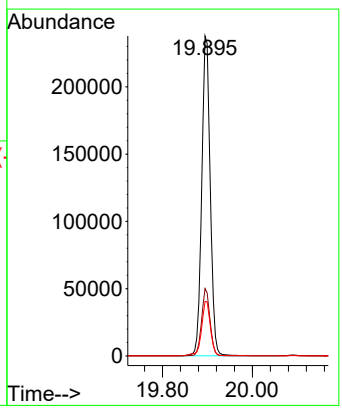


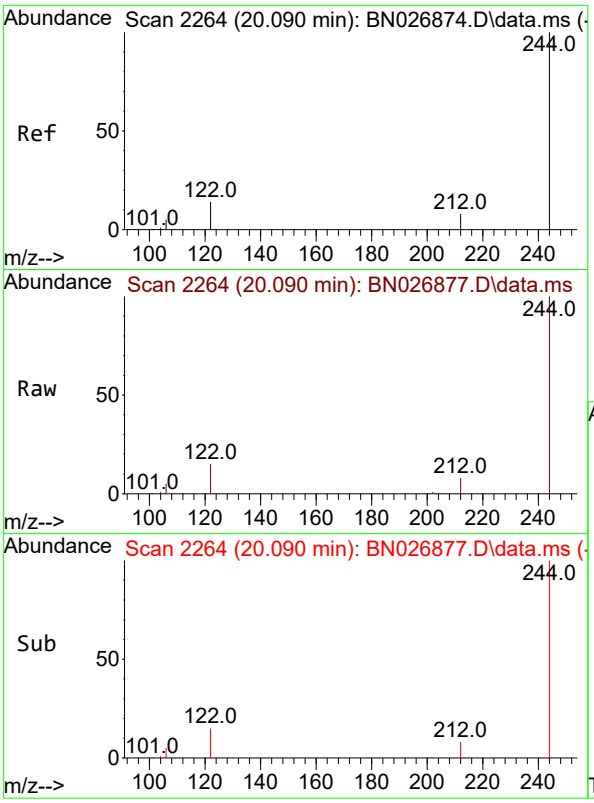


#30
Pyrene
Concen: 2.834 ng
RT: 19.895 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:202 Resp: 312969

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.4	21.6



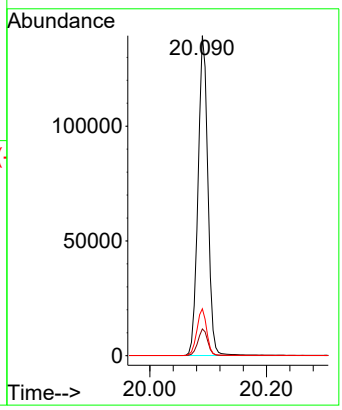


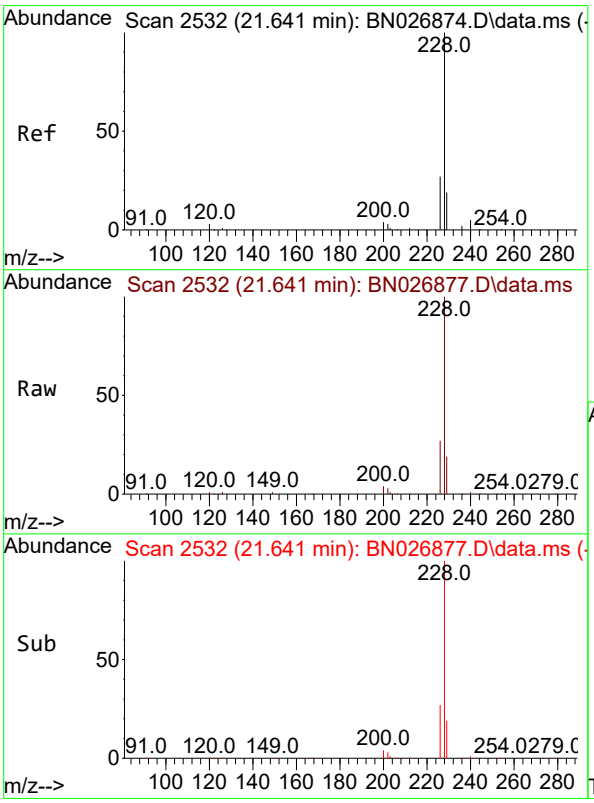
#31
Terphenyl-d14
Concen: 3.070 ng
RT: 20.090 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 163588

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	14.7	11.9	17.9

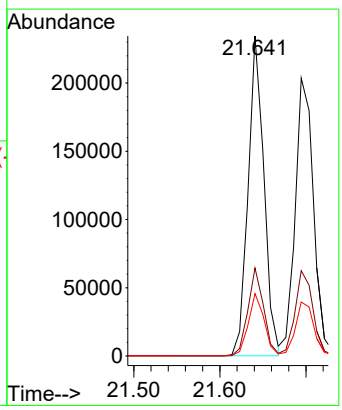


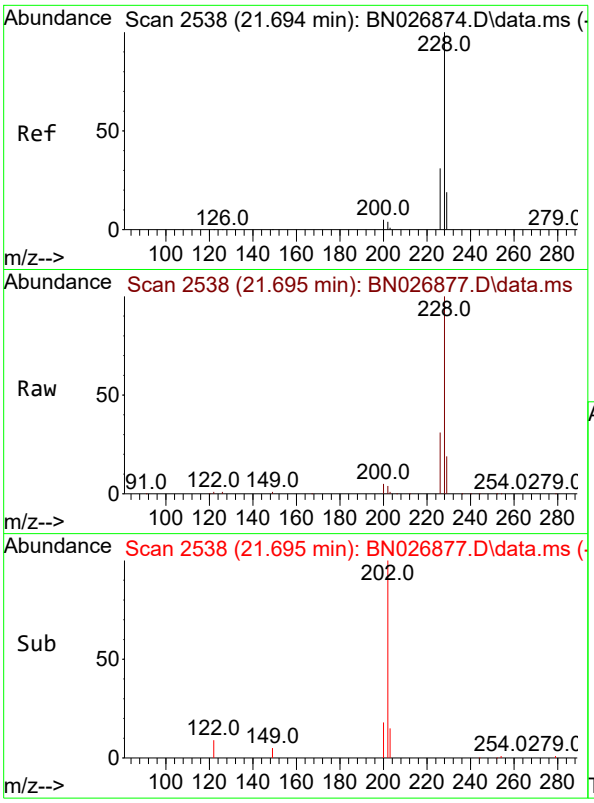


#32
Benzo(a)anthracene
Concen: 3.412 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:228 Resp: 299425

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.5	15.5	23.3



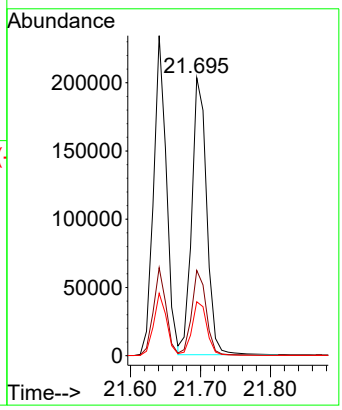


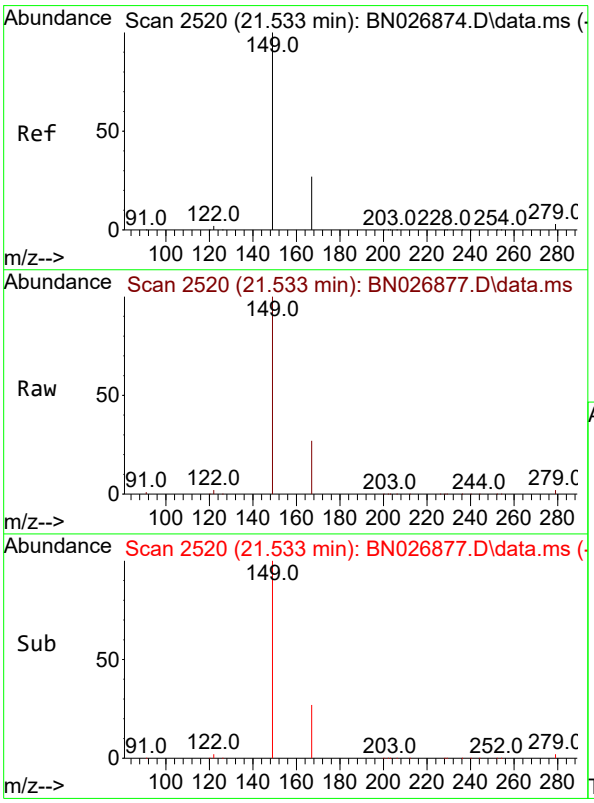
#33
Chrysene
Concen: 3.087 ng
RT: 21.695 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 299512

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.4	15.5	23.3

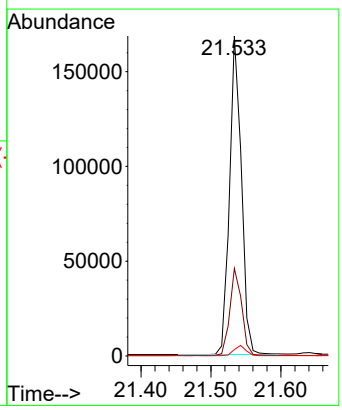


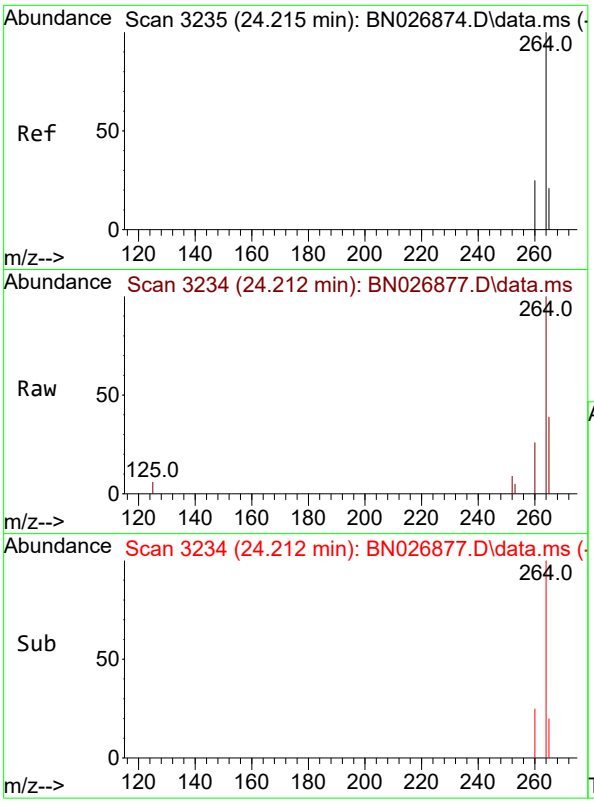


#34
Bis(2-ethylhexyl)phthalate
Concen: 6.788 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:149 Resp: 197361

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	3.3	3.6	5.4#



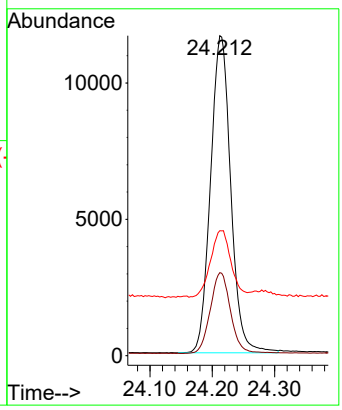


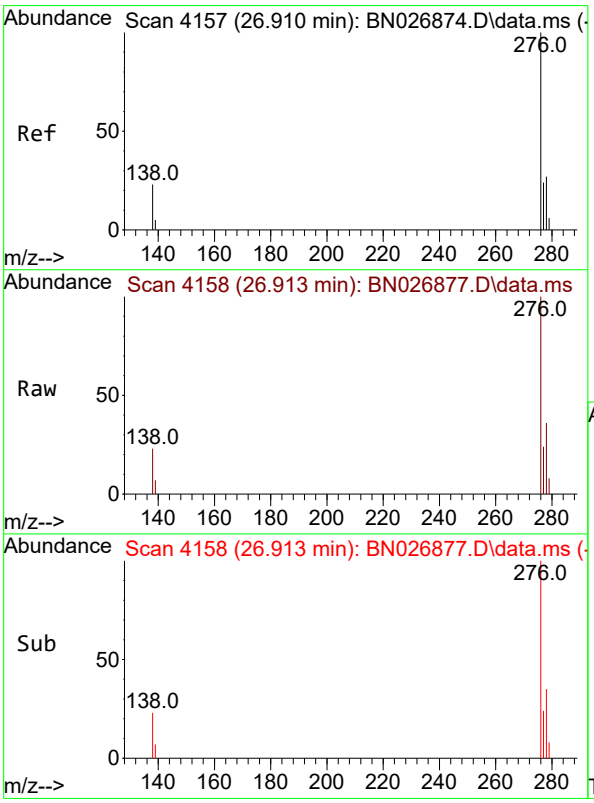
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.212 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 26213

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.4	30.6
265	39.1	27.0	40.6

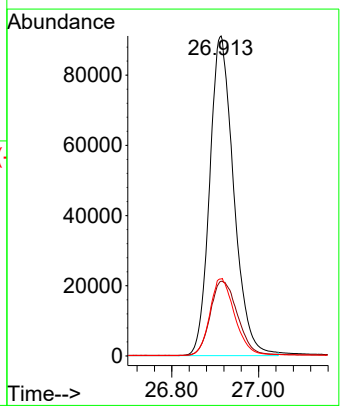


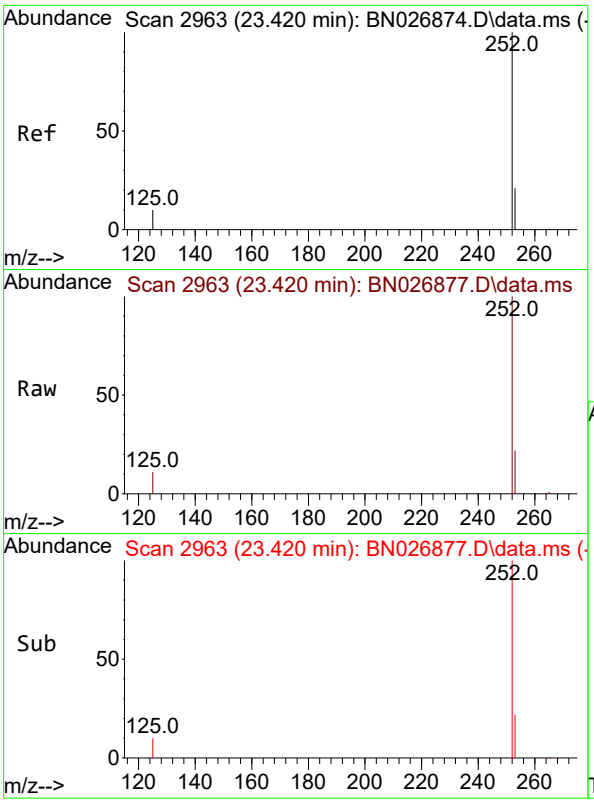


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.269 ng
RT: 26.913 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:276 Resp: 349701

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.1	31.7
277	24.8	19.9	29.9



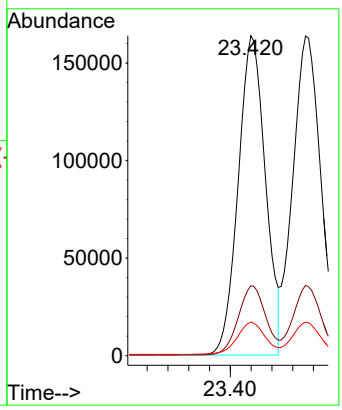


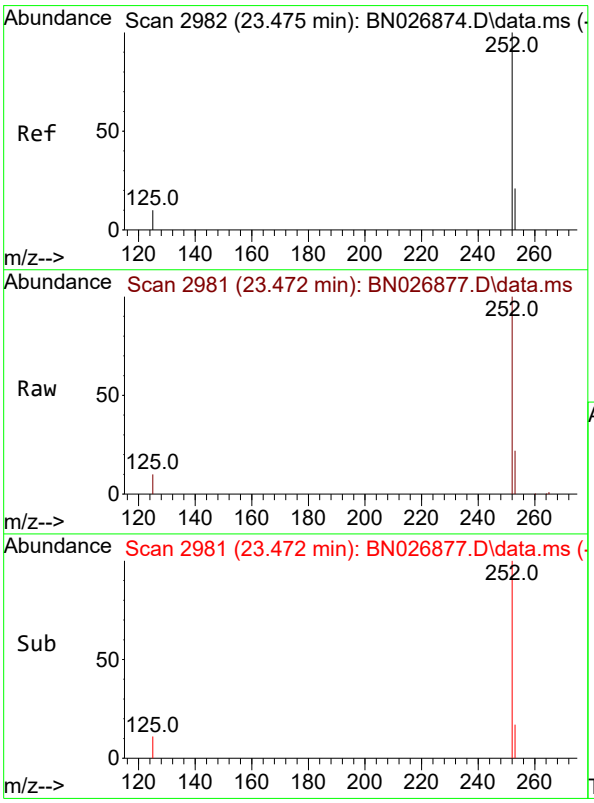
#37
Benzo(b)fluoranthene
Concen: 2.882 ng
RT: 23.420 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 297304

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	10.5	10.2	15.2

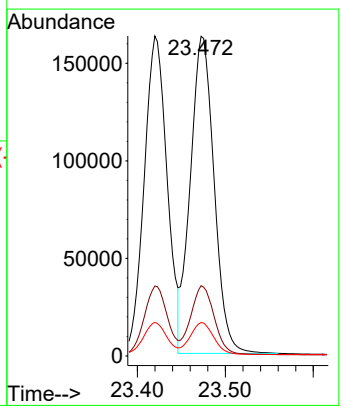


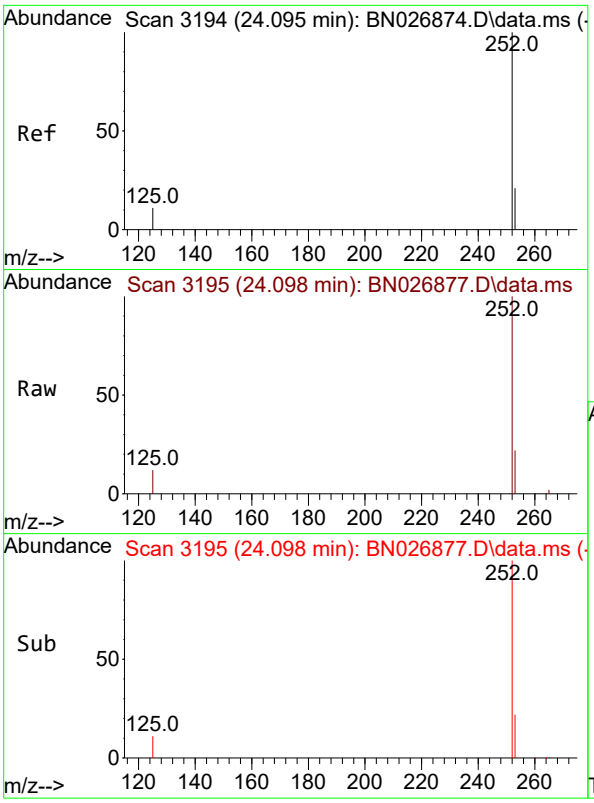


#38
Benzo(k)fluoranthene
Concen: 2.891 ng
RT: 23.472 min Scan# 2981
Delta R.T. -0.003 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:252 Resp: 306343

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	10.5	10.2	15.2



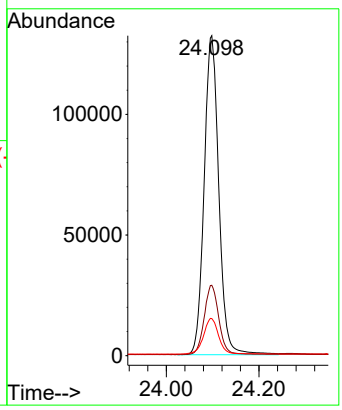


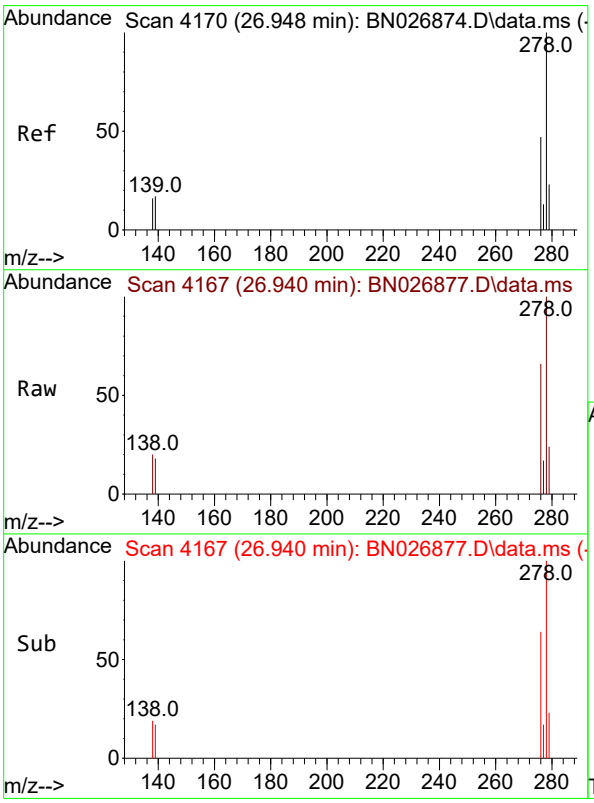
#39
Benzo(a)pyrene
Concen: 3.085 ng
RT: 24.098 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 290111

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	28.0
125	11.6	11.7	17.5#

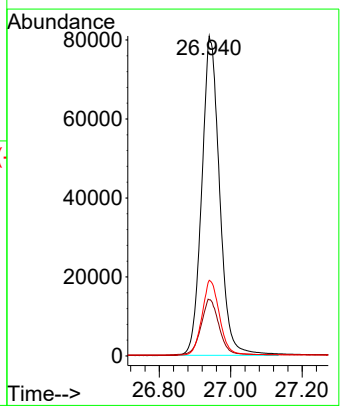


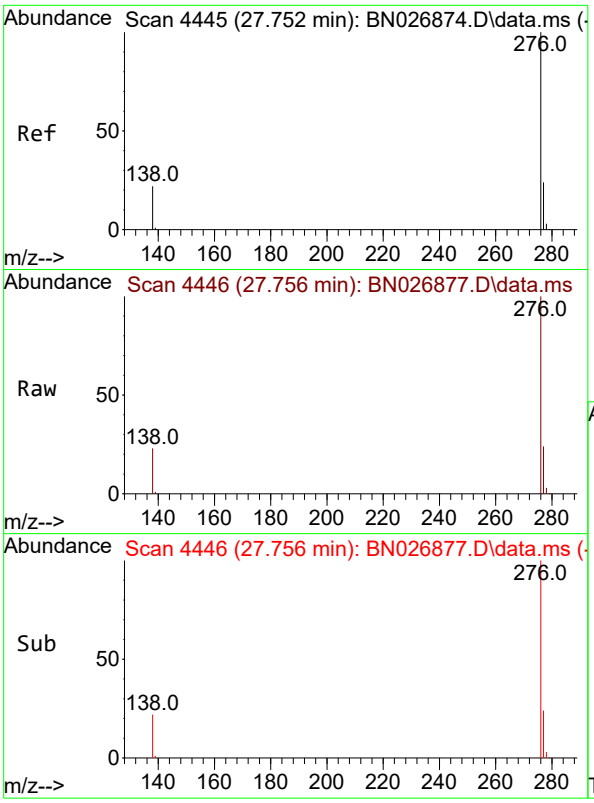


#40
Dibenzo(a,h)anthracene
Concen: 3.362 ng
RT: 26.940 min Scan# 4167
Delta R.T. -0.009 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Tgt Ion:278 Resp: 279310

Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.3	22.9
279	23.7	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 3.019 ng
RT: 27.756 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN026877.D
Acq: 10 Aug 2023 11:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 296896

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	22.7	19.0	28.4