Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026886.D
Acq On : 10 Aug 2023 16:45
Operator : MA/JU
Sample : 03862-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:13:18 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 01:57:19 2023
Response via : Initial Calibration

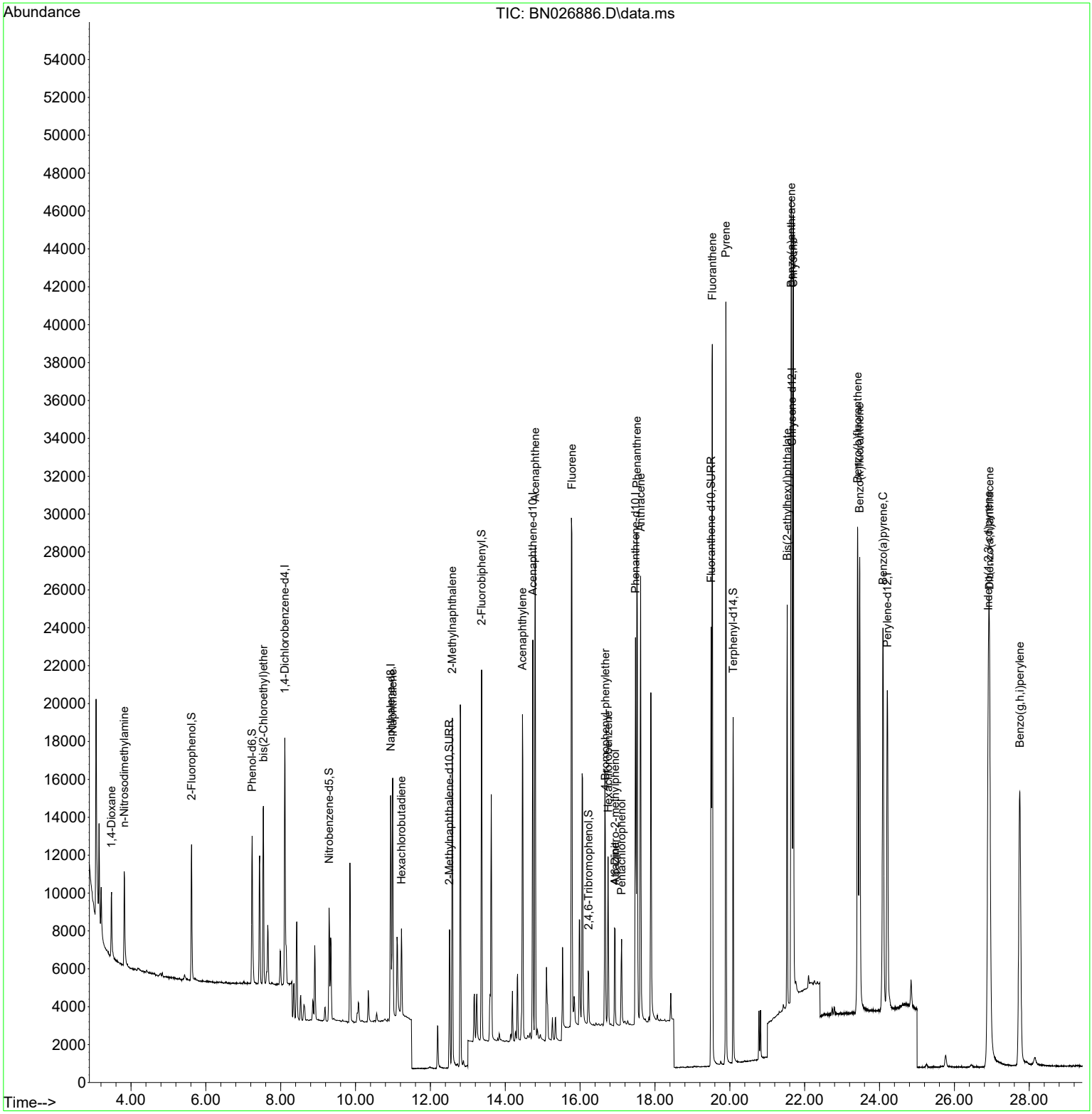
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	6457	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	16393	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	11587	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	26805	0.400	ng		0.00
29) Chrysene-d12	21.659	240	24037	0.400	ng	#	0.00
35) Perylene-d12	24.209	264	27634	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	6383	0.351	ng		0.00
5) Phenol-d6	7.236	99	7818	0.348	ng		0.00
8) Nitrobenzene-d5	9.294	82	4881	0.352	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	10388	0.399	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	1893	0.307	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	16860	0.392	ng		0.00
27) Fluoranthene-d10	19.500	212	26176	0.381	ng		0.00
31) Terphenyl-d14	20.090	244	18785	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2707	0.390	ng		98
3) n-Nitrosodimethylamine	3.819	42	2939	0.380	ng	#	98
6) bis(2-Chloroethyl)ether	7.539	93	7387	0.391	ng		99
9) Naphthalene	10.992	128	17080	0.396	ng		99
10) Hexachlorobutadiene	11.226	225	3667	0.416	ng	#	100
12) 2-Methylnaphthalene	12.585	142	13435	0.399	ng		99
16) Acenaphthylene	14.459	152	20427	0.369	ng		99
17) Acenaphthene	14.801	154	13406	0.392	ng		99
18) Fluorene	15.780	166	17966	0.392	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	184	0.438	ng	#	55
21) 4-Bromophenyl-phenylether	16.673	248	5868	0.383	ng		98
22) Hexachlorobenzene	16.748	284	6534	0.400	ng		99
23) Atrazine	16.934	200	4795	0.352	ng		99
24) Pentachlorophenol	17.108	266	2429	0.294	ng		99
25) Phenanthrene	17.517	178	29831	0.387	ng		100
26) Anthracene	17.617	178	26329	0.366	ng		100
28) Fluoranthene	19.532	202	35134	0.385	ng		100
30) Pyrene	19.895	202	36176	0.391	ng		100
32) Benzo(a)anthracene	21.641	228	33264	0.383	ng		99
33) Chrysene	21.695	228	34895	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	19549	0.313	ng		99
36) Indeno(1,2,3-cd)pyrene	26.908	276	44665	0.395	ng		99
37) Benzo(b)fluoranthene	23.414	252	36562	0.395	ng		98
38) Benzo(k)fluoranthene	23.469	252	35930	0.378	ng		99
39) Benzo(a)pyrene	24.095	252	36177	0.390	ng		98
40) Dibenzo(a,h)anthracene	26.937	278	35278	0.392	ng		99
41) Benzo(g,h,i)perylene	27.747	276	37879	0.391	ng		99

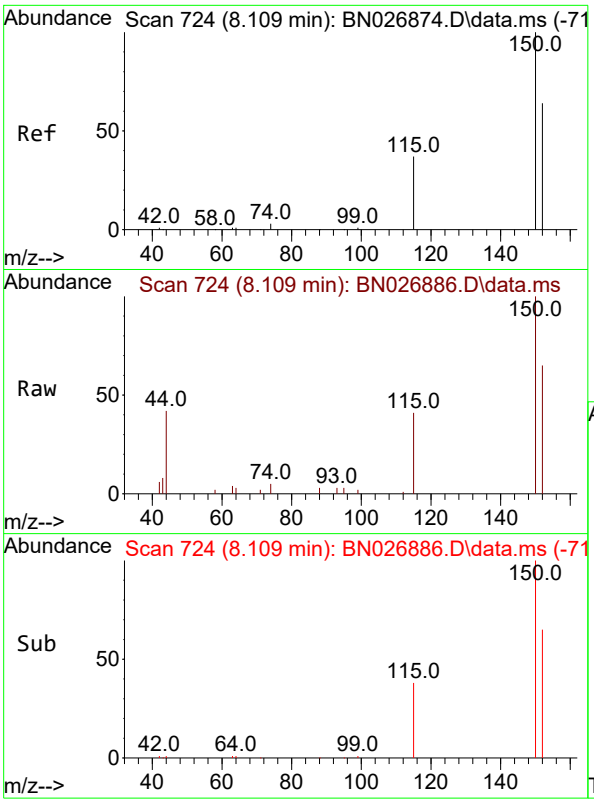
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026886.D
Acq On : 10 Aug 2023 16:45
Operator : MA/JU
Sample : 03862-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:13:18 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 01:57:19 2023
Response via : Initial Calibration



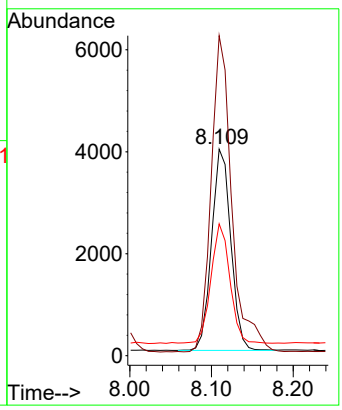


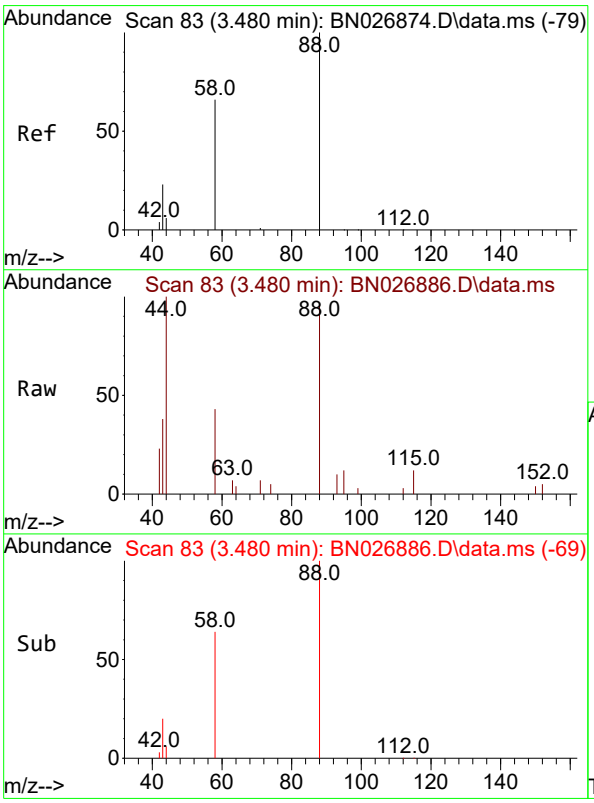
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6457

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	63.8	49.7	74.5

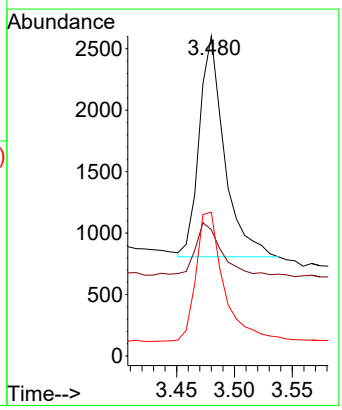


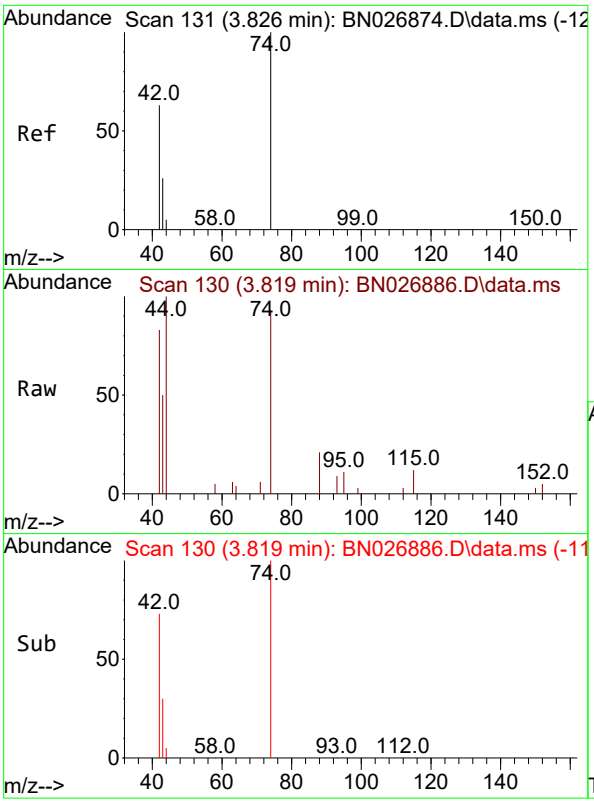


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.480 min Scan# 83
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion: 88 Resp: 2707

Ion	Ratio	Lower	Upper
88	100		
43	24.3	19.2	28.8
58	65.6	54.5	81.7



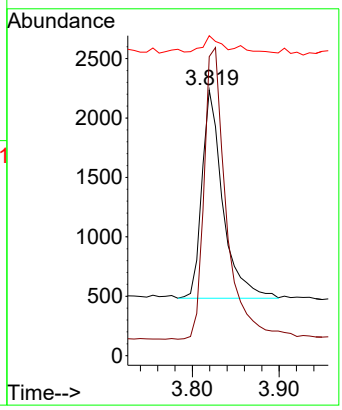


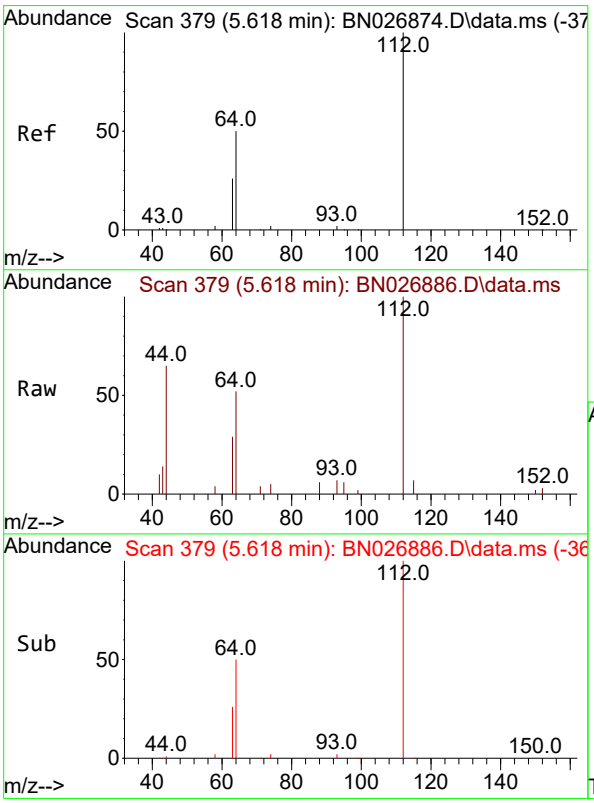
#3
n-Nitrosodimethylamine
Concen: 0.380 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2939

Ion	Ratio	Lower	Upper
42	100		
74	147.4	119.4	179.2
44	6.1	8.7	13.1#

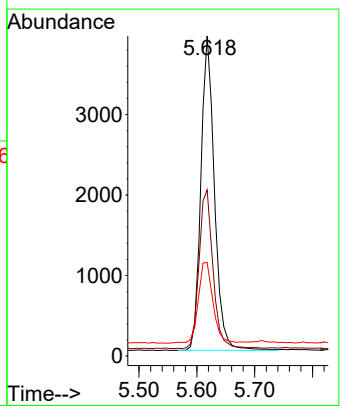


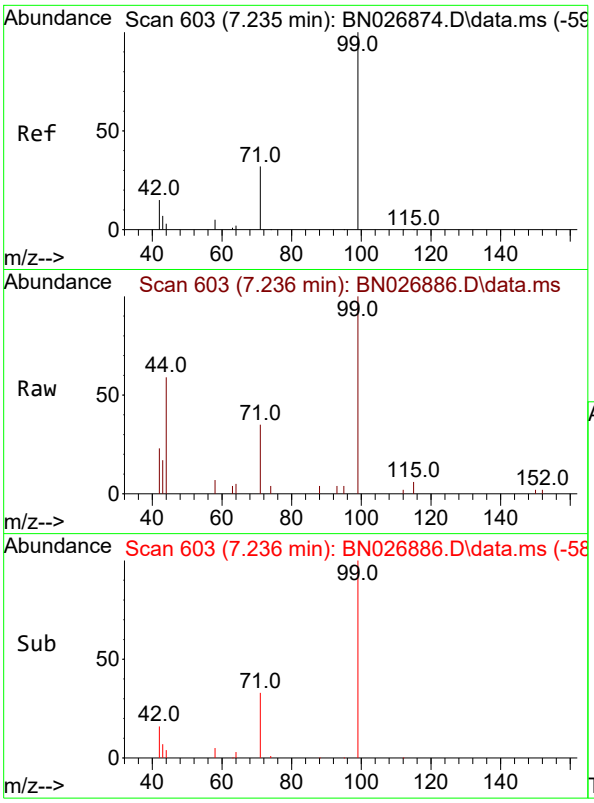


#4
2-Fluorophenol
Concen: 0.351 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:112 Resp: 6383

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.5	62.3
63	27.8	21.7	32.5



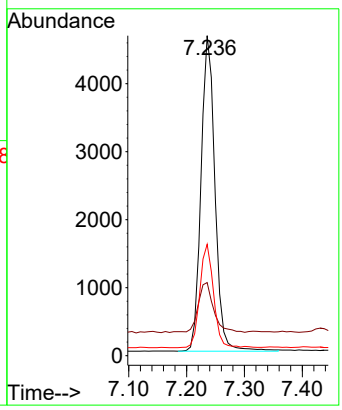


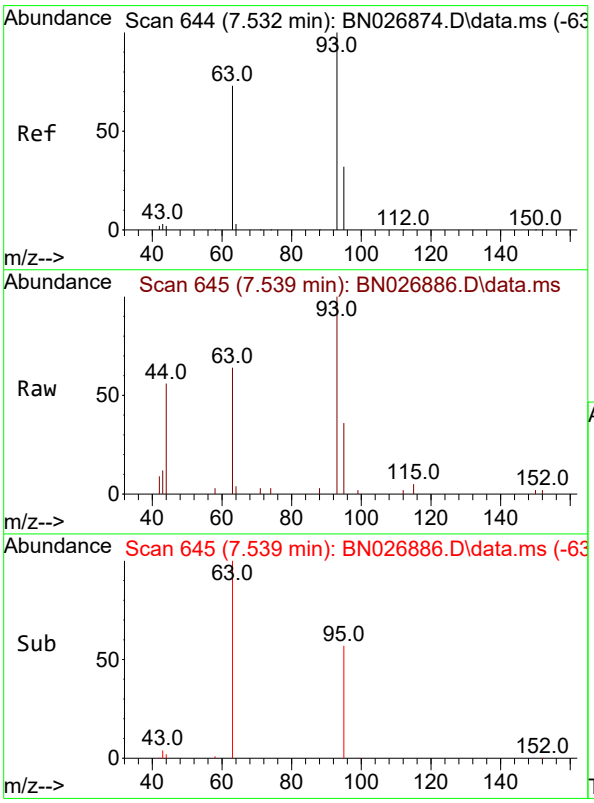
#5
Phenol-d6
Concen: 0.348 ng
RT: 7.236 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7818

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.6	20.4
71	32.2	26.0	39.0

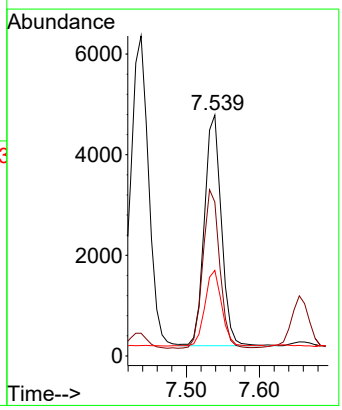


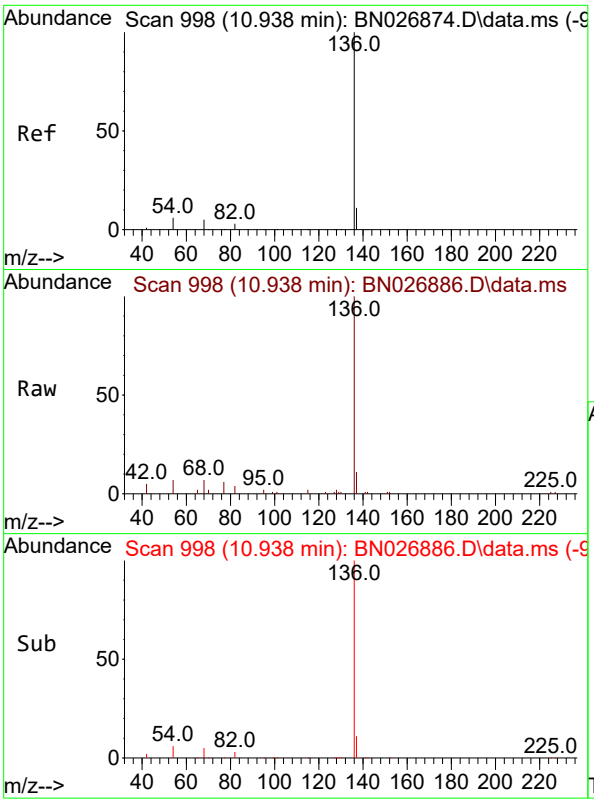


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.539 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion: 93 Resp: 7387

Ion	Ratio	Lower	Upper
93	100		
63	68.1	55.0	82.4
95	32.8	26.2	39.2



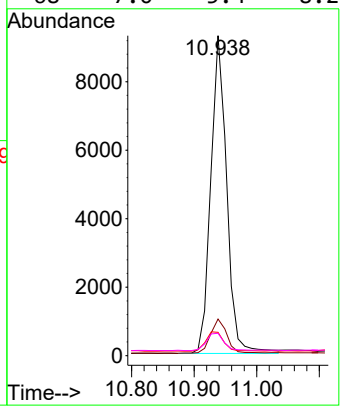


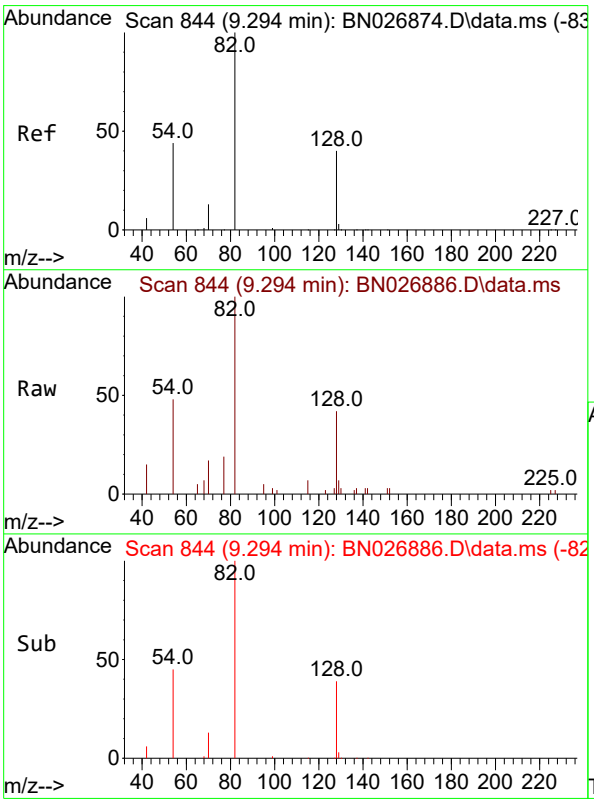
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16393

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.3	5.5	8.3
68	7.0	5.4	8.2

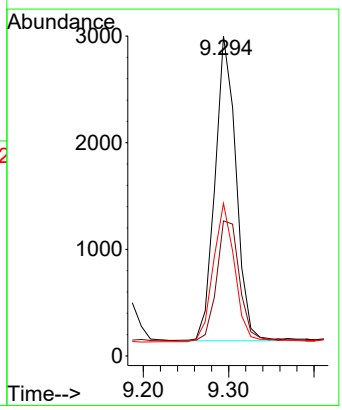


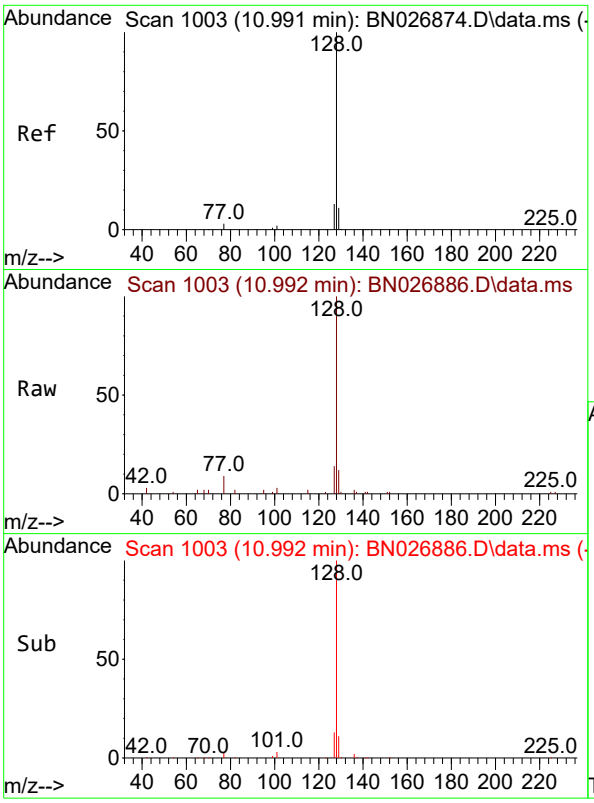


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion: 82 Resp: 4881

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.1	51.1
54	47.7	37.0	55.4



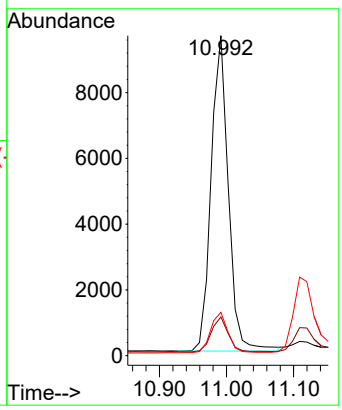


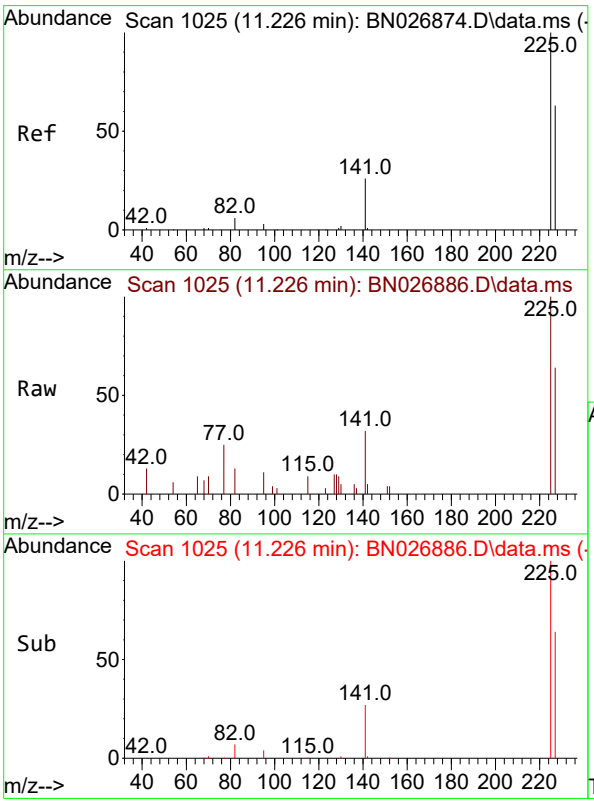
#9
Naphthalene
Concen: 0.396 ng
RT: 10.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 17080

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	13.6	10.6	16.0

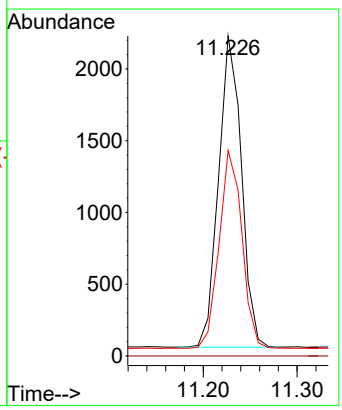


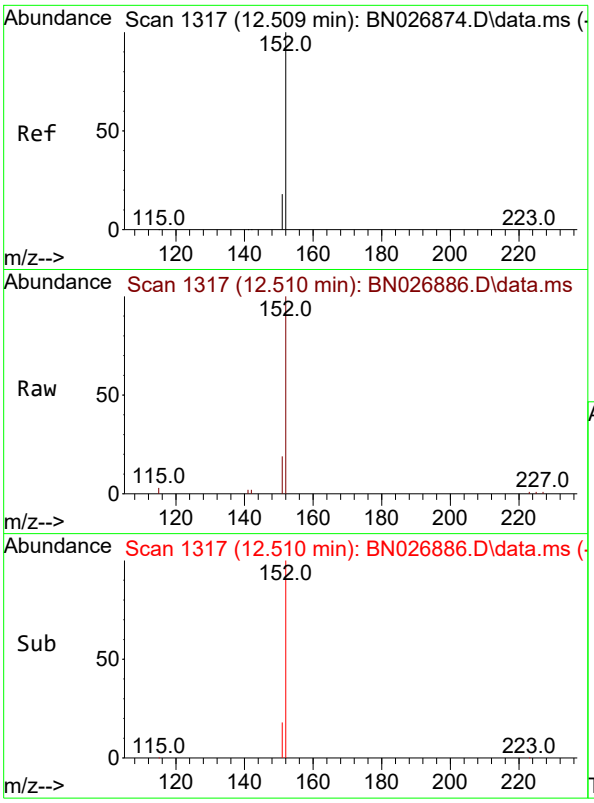


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 11.226 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:225 Resp: 3667

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.8	76.2



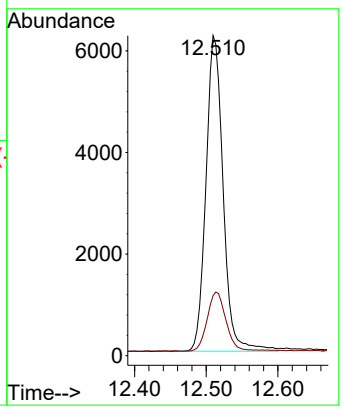


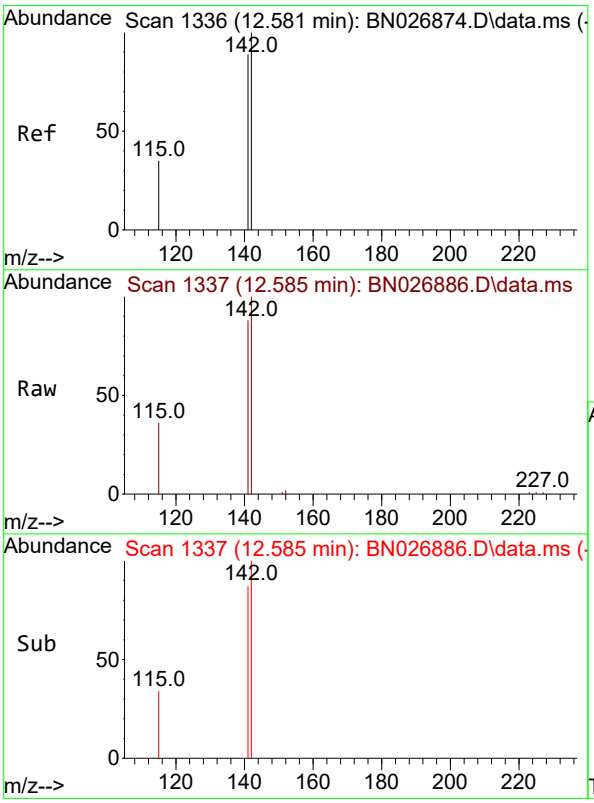
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10388

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5

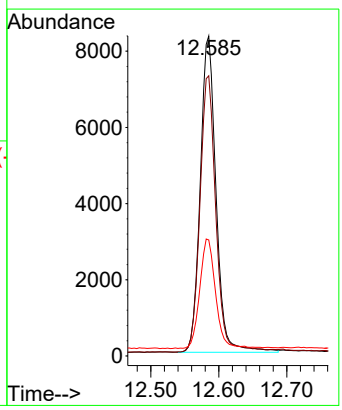


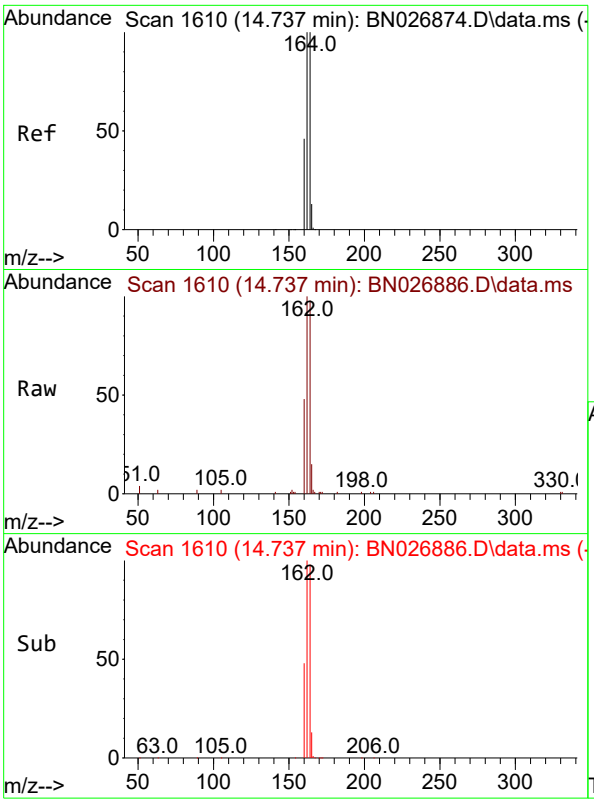


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.585 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:142 Resp: 13435

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6
115	36.3	29.4	44.2



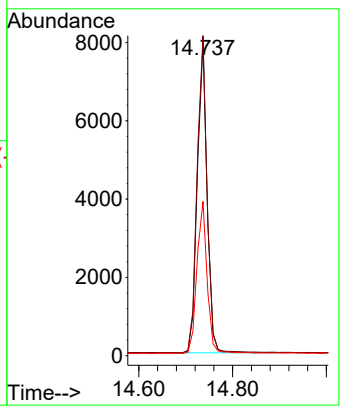


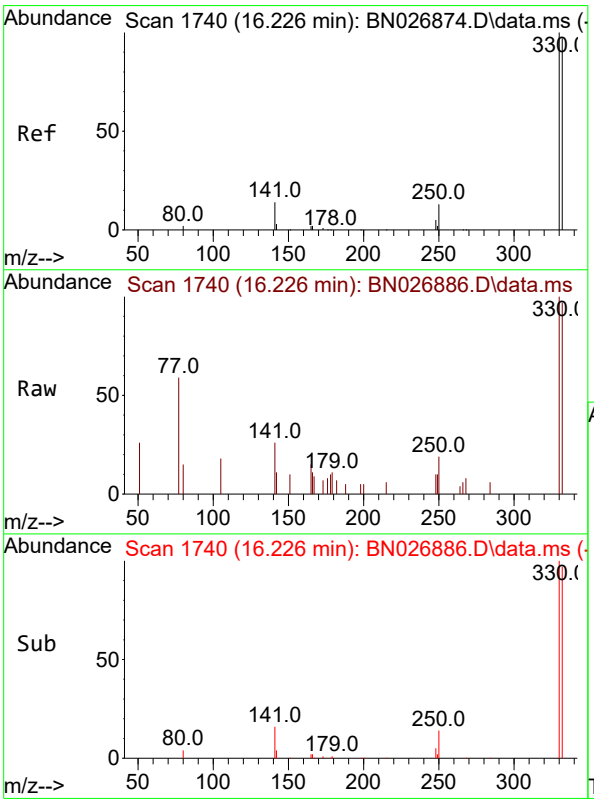
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11587

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.7	119.5
160	49.2	37.4	56.0

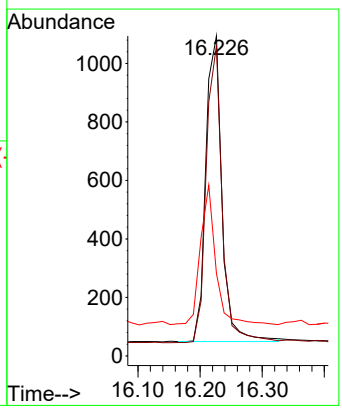


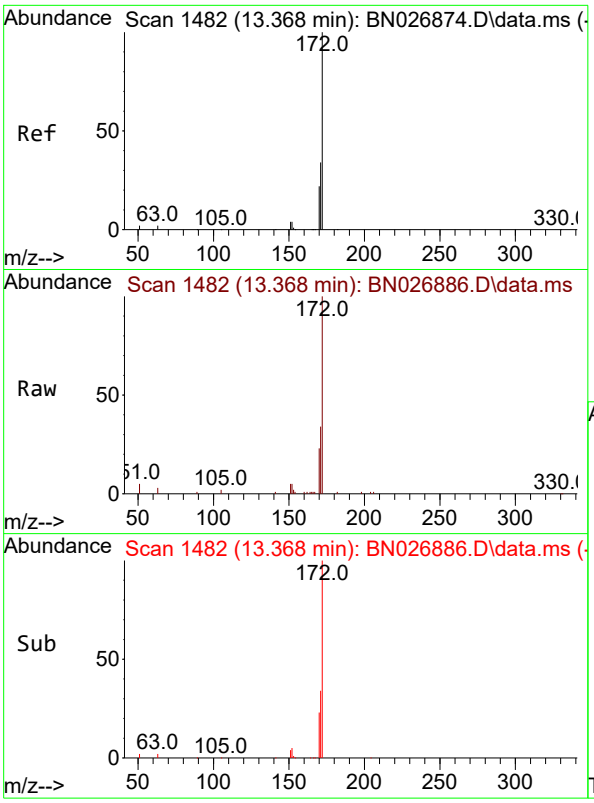


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:330 Resp: 1893

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	43.0	32.3	48.5



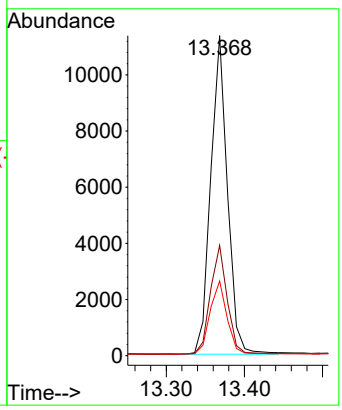


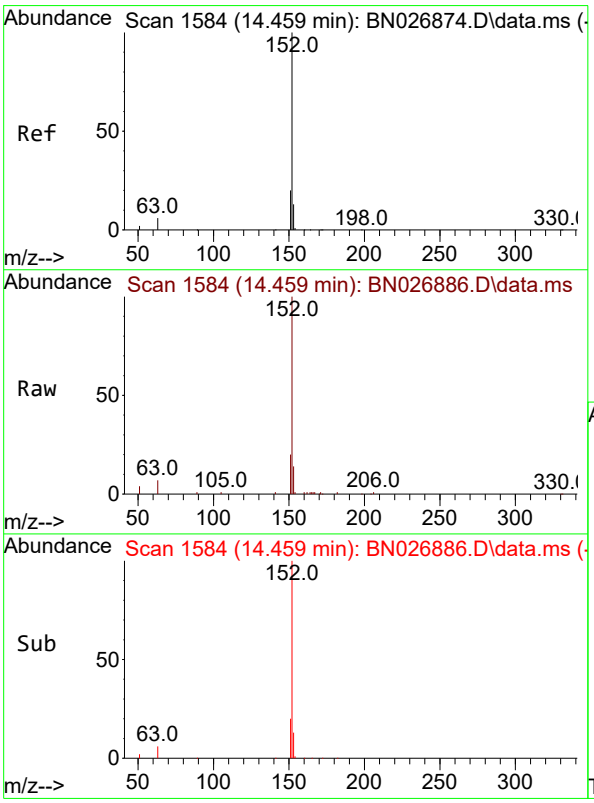
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.368 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16860

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	23.4	18.0	27.0

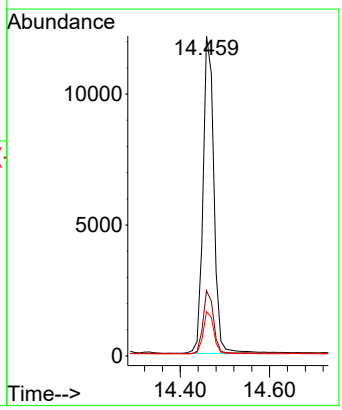


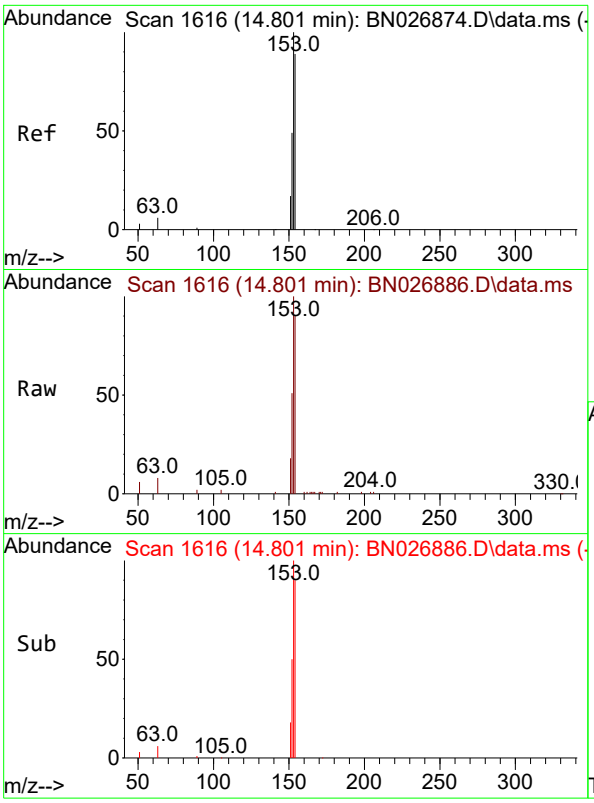


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:152 Resp: 20427

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	12.9	10.5	15.7



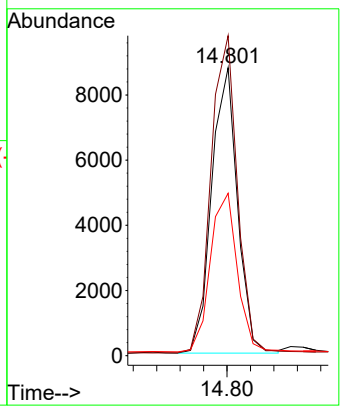


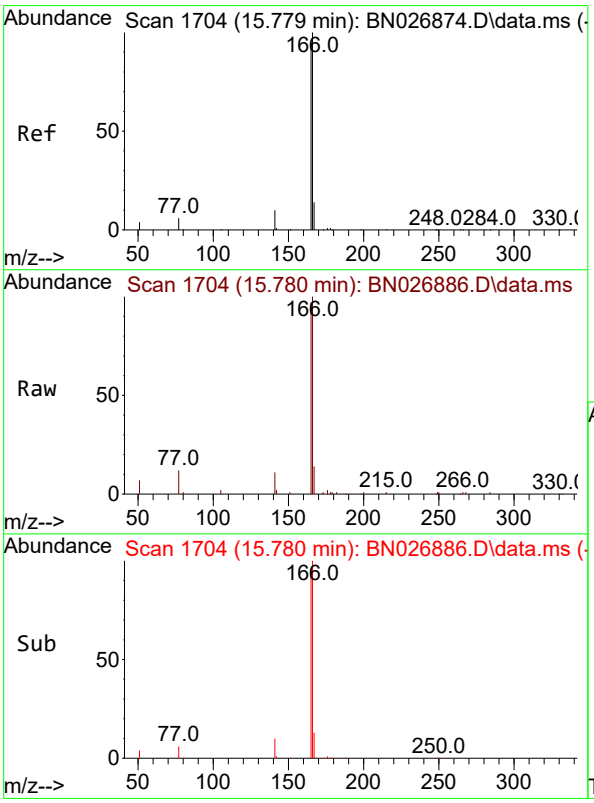
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13406

Ion	Ratio	Lower	Upper
154	100		
153	114.2	92.0	138.0
152	58.0	46.2	69.2

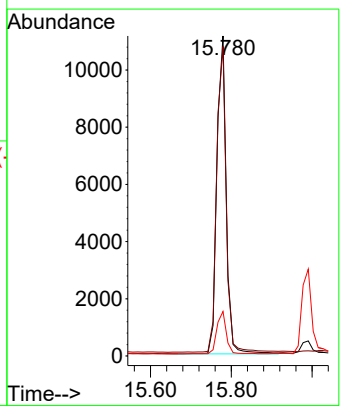


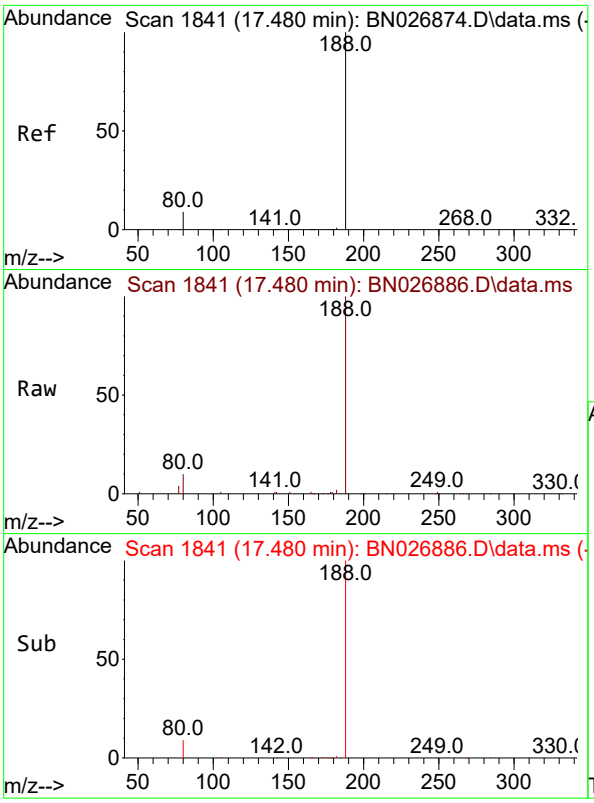


#18
Fluorene
Concen: 0.392 ng
RT: 15.780 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:166 Resp: 17966

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.4	116.2
167	13.3	10.9	16.3



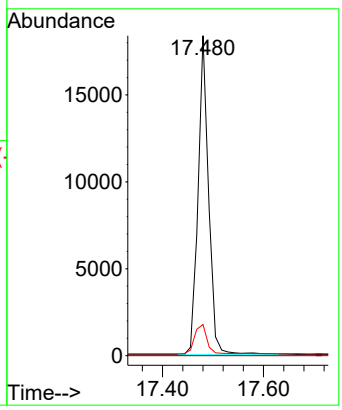


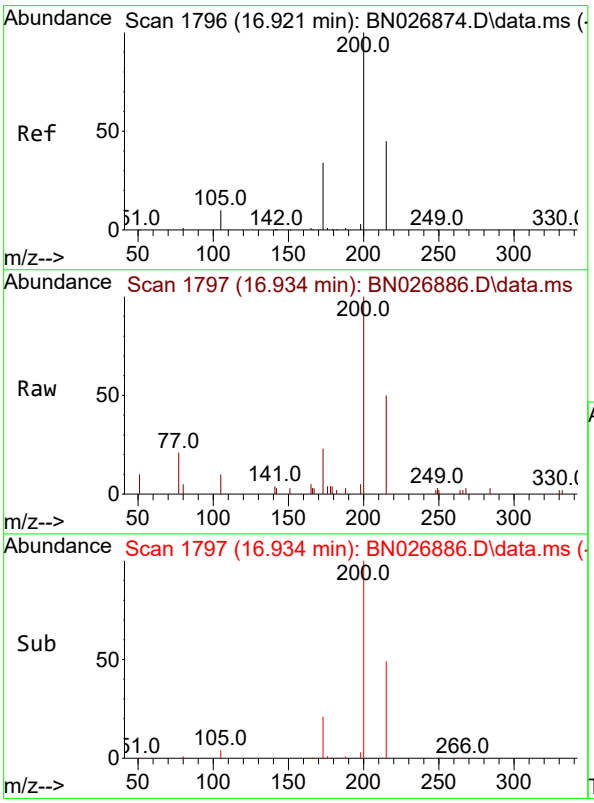
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 26805

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.2

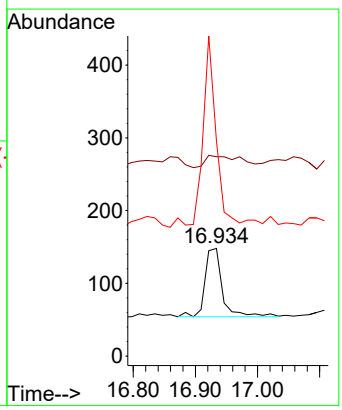


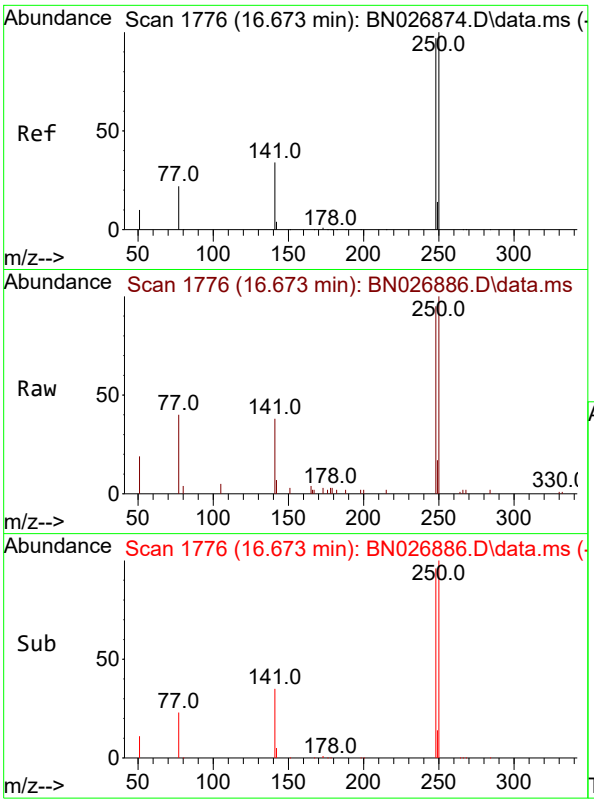


#20
4,6-Dinitro-2-methylphenol
Concen: 0.438 ng
RT: 16.934 min Scan# 1797
Delta R.T. 0.013 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:198 Resp: 184

Ion	Ratio	Lower	Upper
198	100		
51	185.1	143.8	215.8
105	200.0	273.5	410.3#



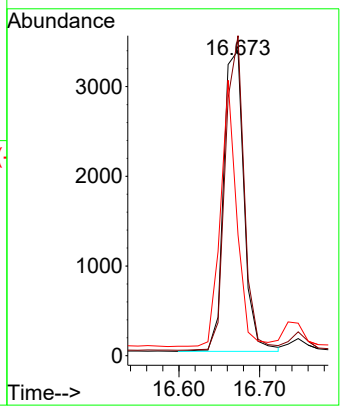


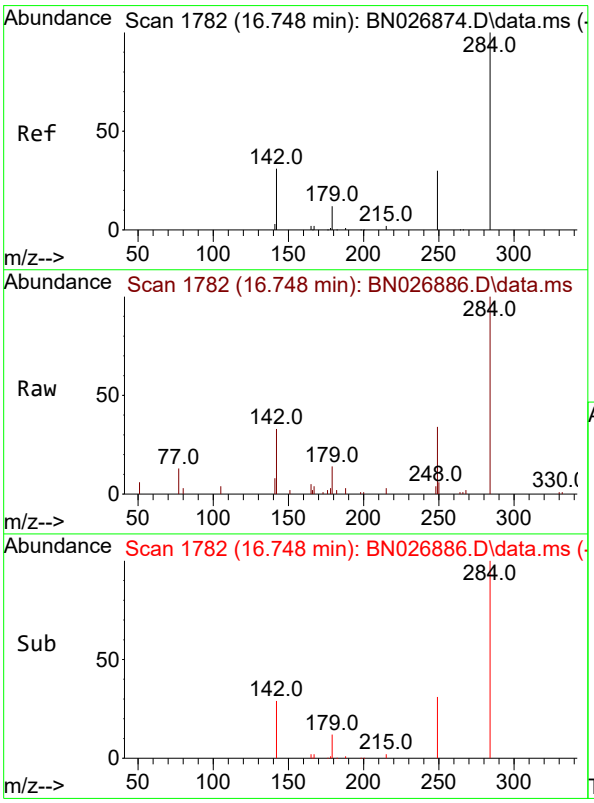
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.673 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 5868

Ion	Ratio	Lower	Upper
248	100		
250	104.9	83.0	124.4
141	39.6	29.9	44.9

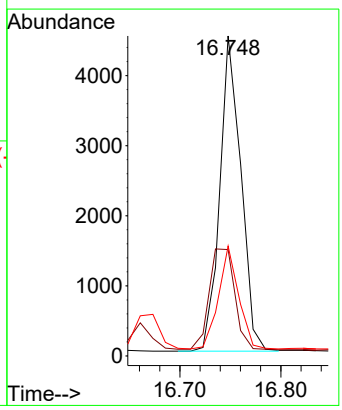


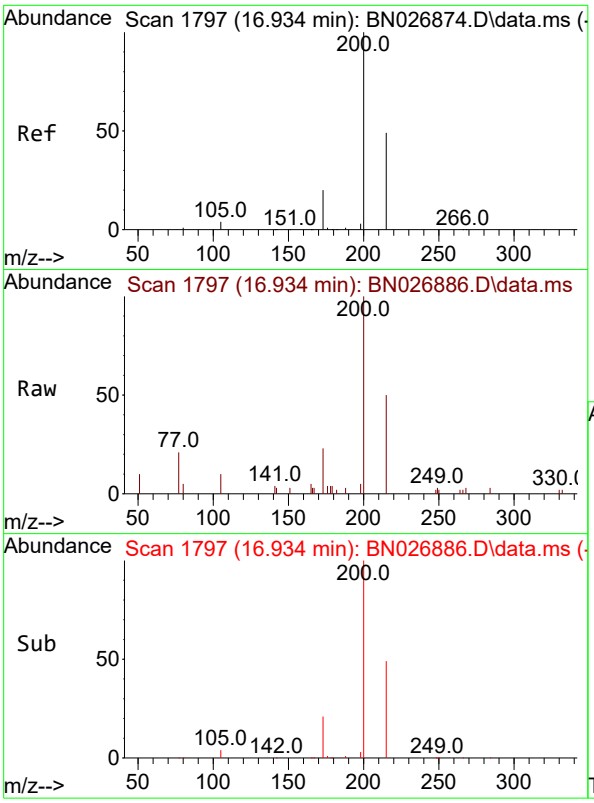


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.748 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:284 Resp: 6534

Ion	Ratio	Lower	Upper
284	100		
142	38.6	30.0	45.0
249	30.9	24.4	36.6



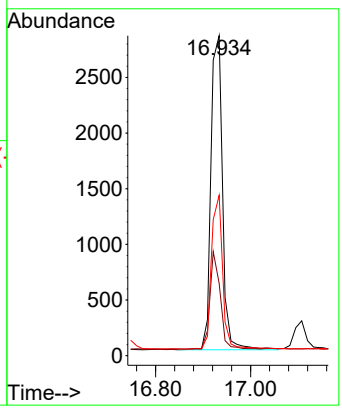


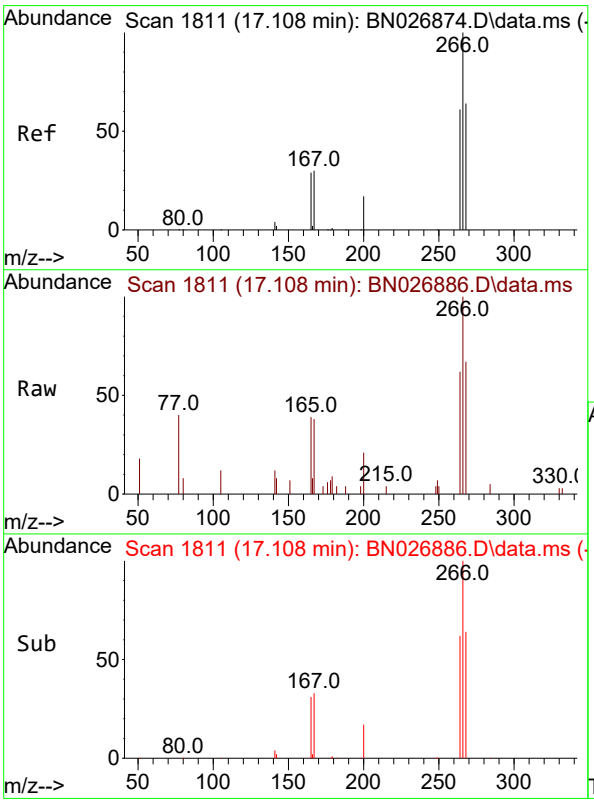
#23
Atrazine
Concen: 0.352 ng
RT: 16.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 4795

Ion	Ratio	Lower	Upper
200	100		
173	22.6	17.1	25.7
215	50.1	39.6	59.4

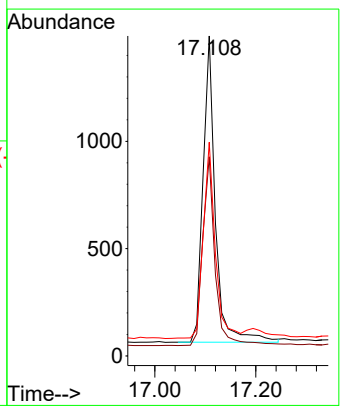


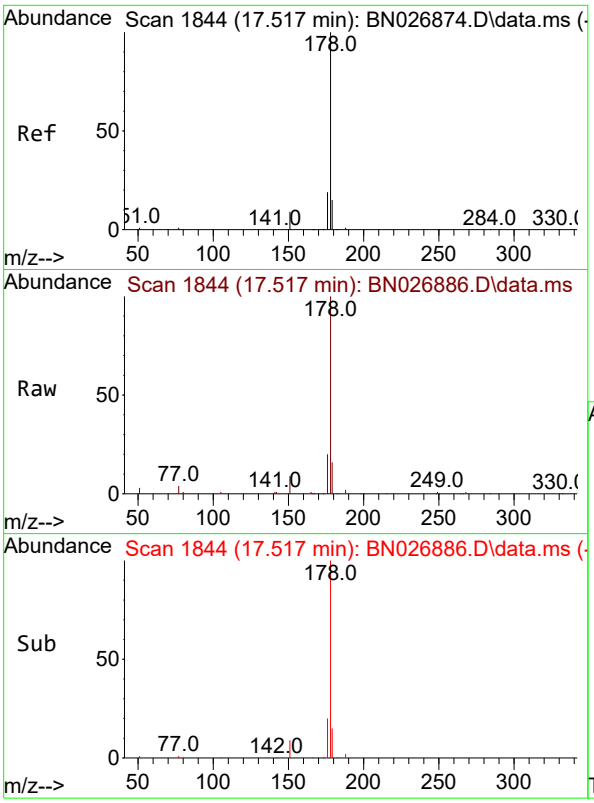


#24
Pentachlorophenol
Concen: 0.294 ng
RT: 17.108 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:266 Resp: 2429

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.7	74.5
268	62.2	49.3	73.9



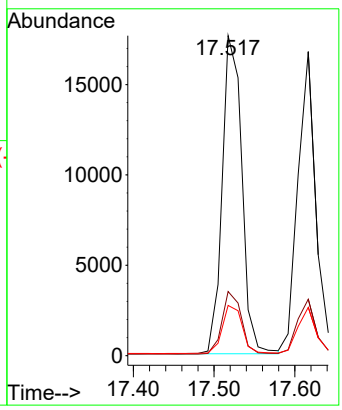


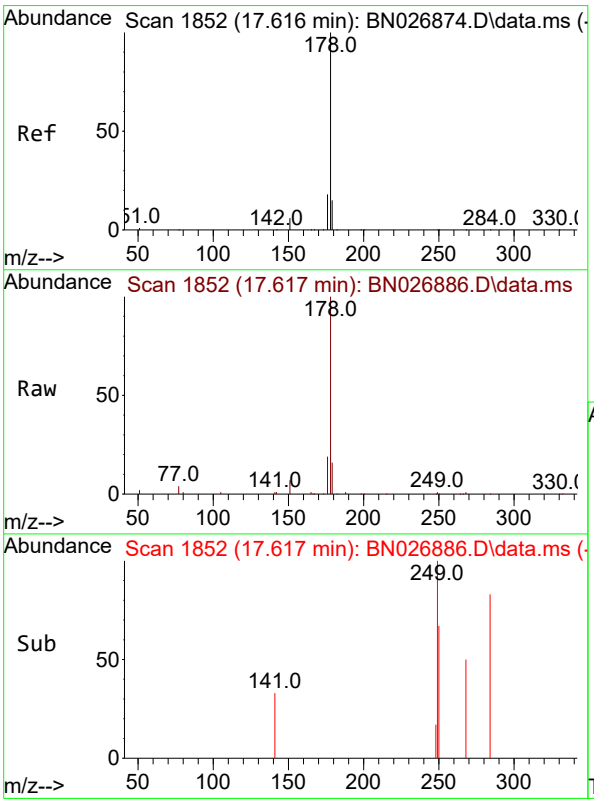
#25
Phenanthrene
Concen: 0.387 ng
RT: 17.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 29831

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.5	12.2	18.4

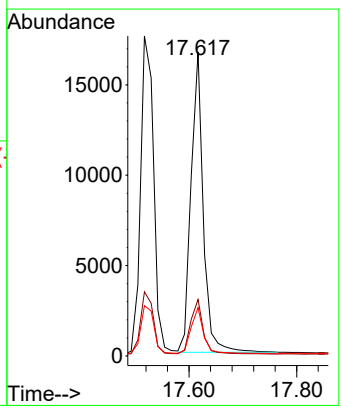


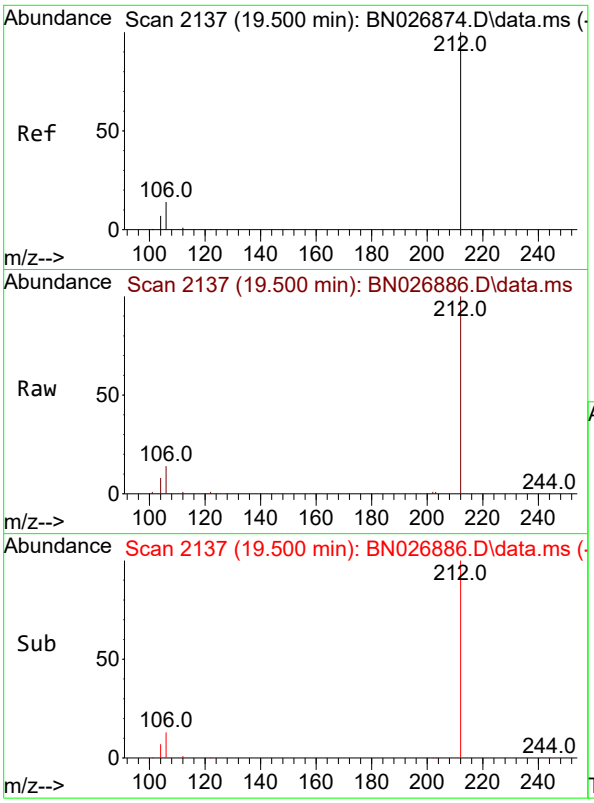


#26
Anthracene
Concen: 0.366 ng
RT: 17.617 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:178 Resp: 26329

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.1	12.1	18.1



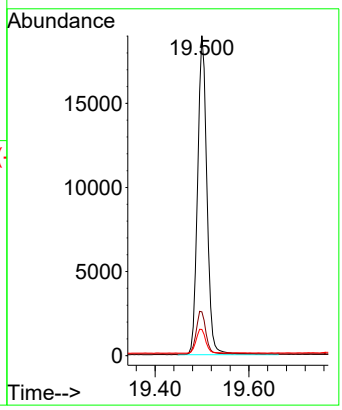


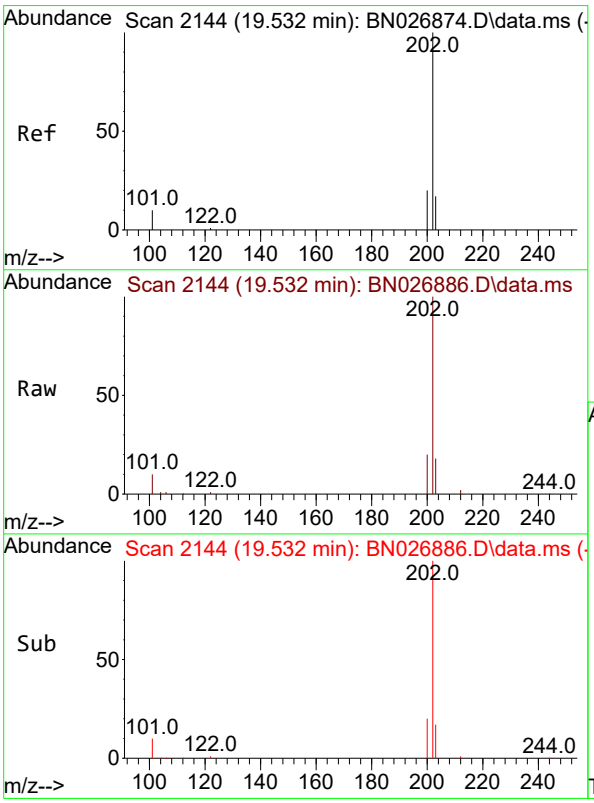
#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 26176

Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.9	16.3
104	7.7	5.9	8.9

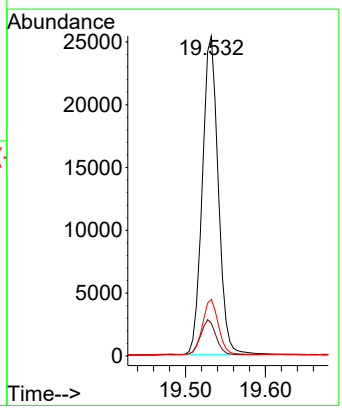


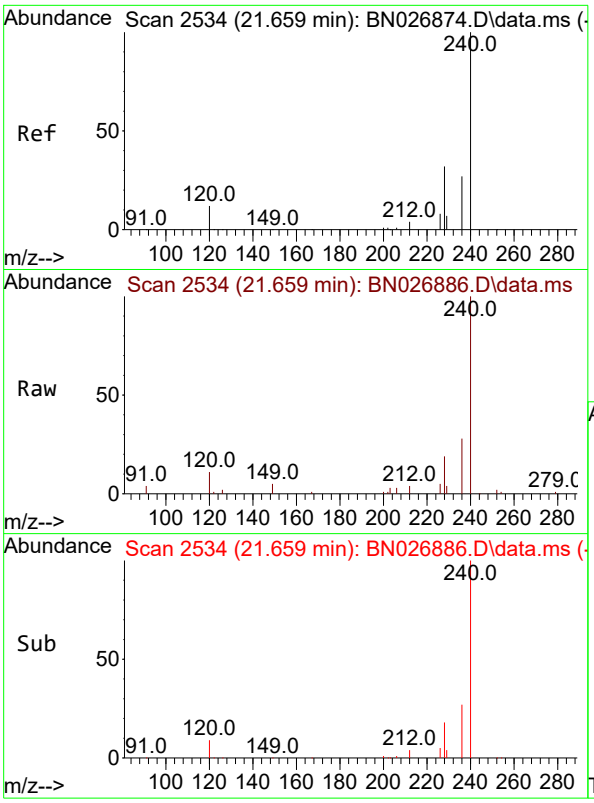


#28
Fluoranthene
Concen: 0.385 ng
RT: 19.532 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:202 Resp: 35134

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.1	13.7	20.5



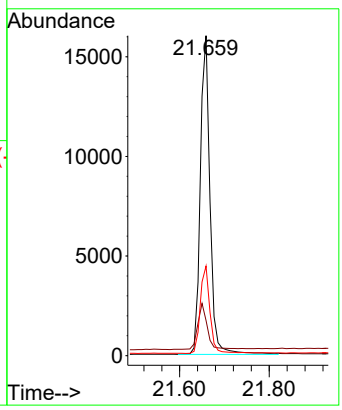


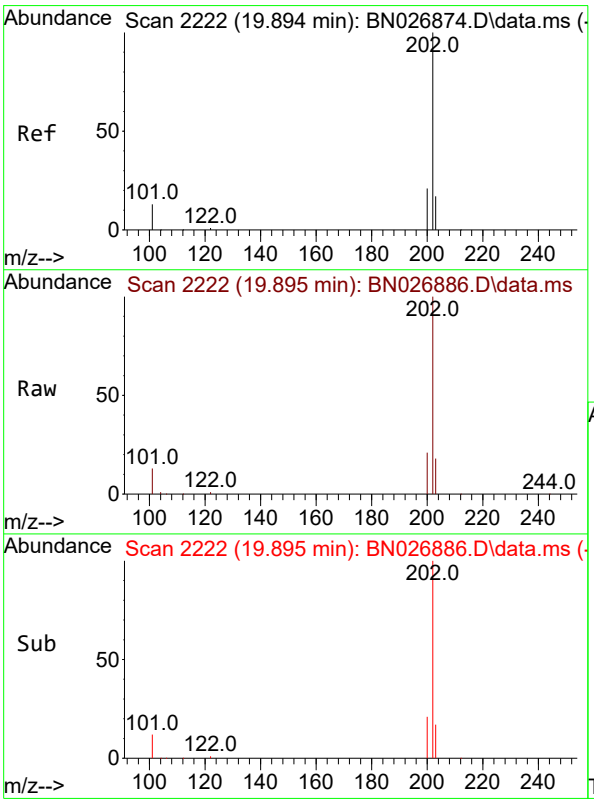
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 24037

Ion	Ratio	Lower	Upper
240	100		
120	11.0	11.1	16.7#
236	28.0	22.2	33.2

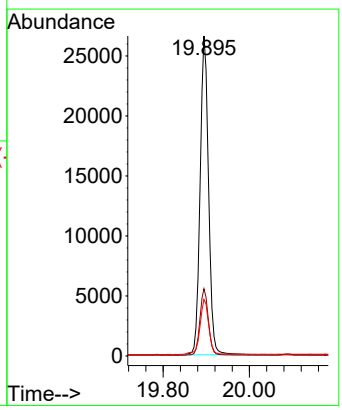


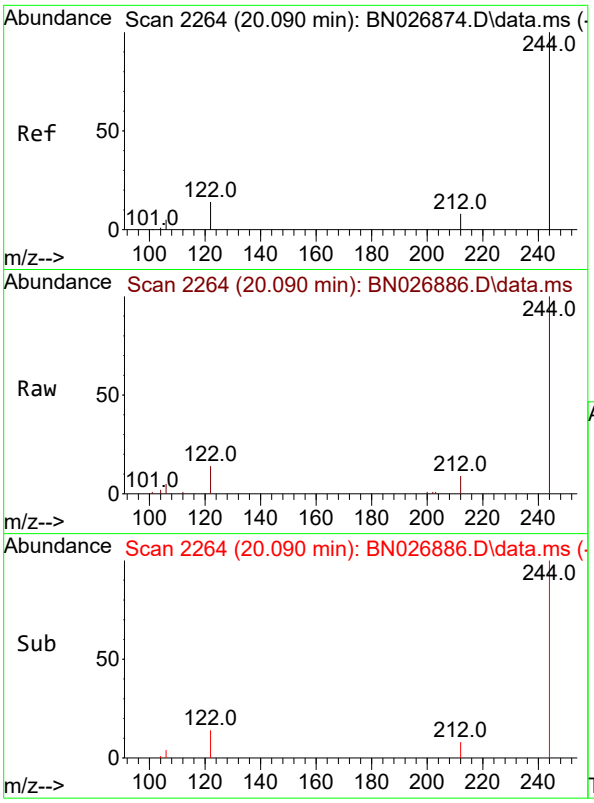


#30
Pyrene
Concen: 0.391 ng
RT: 19.895 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:202 Resp: 36176

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.9	14.4	21.6



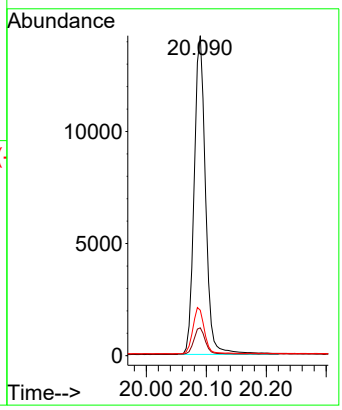


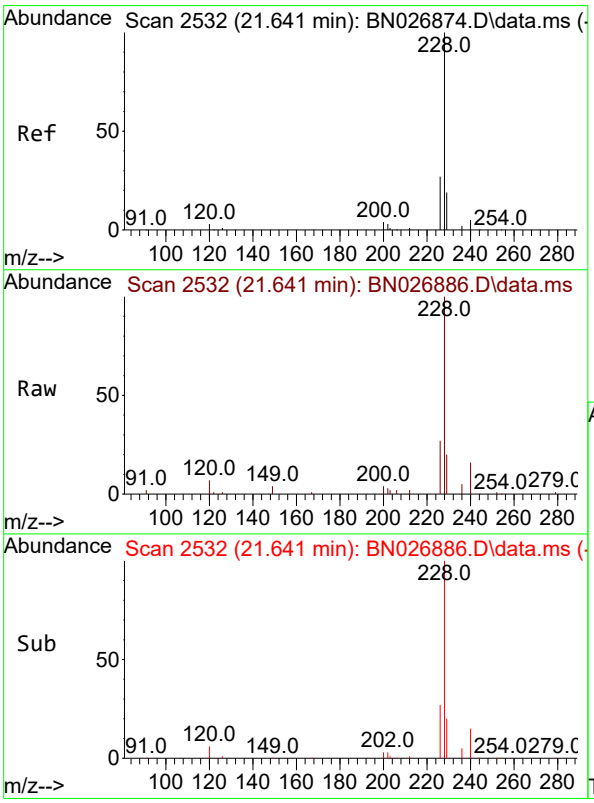
#31
Terphenyl-d14
Concen: 0.374 ng
RT: 20.090 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 18785

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	14.2	11.9	17.9

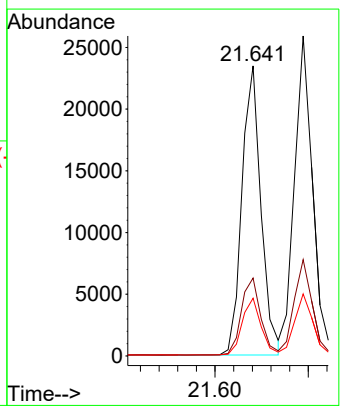


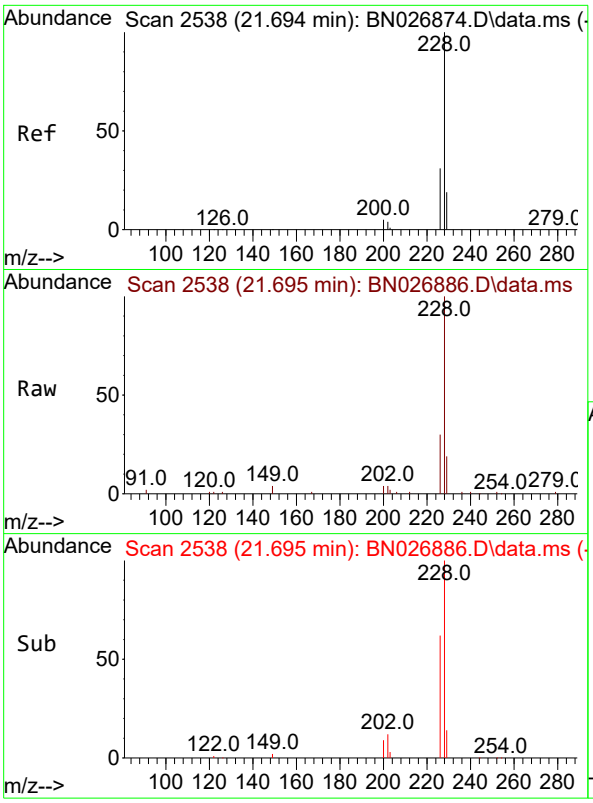


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:228 Resp: 33264

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	19.9	15.5	23.3



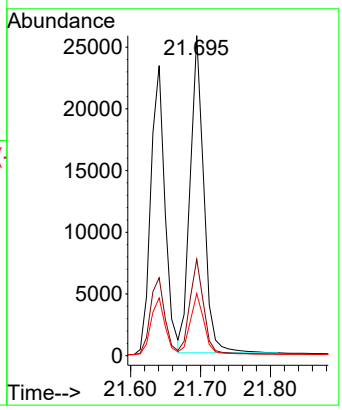


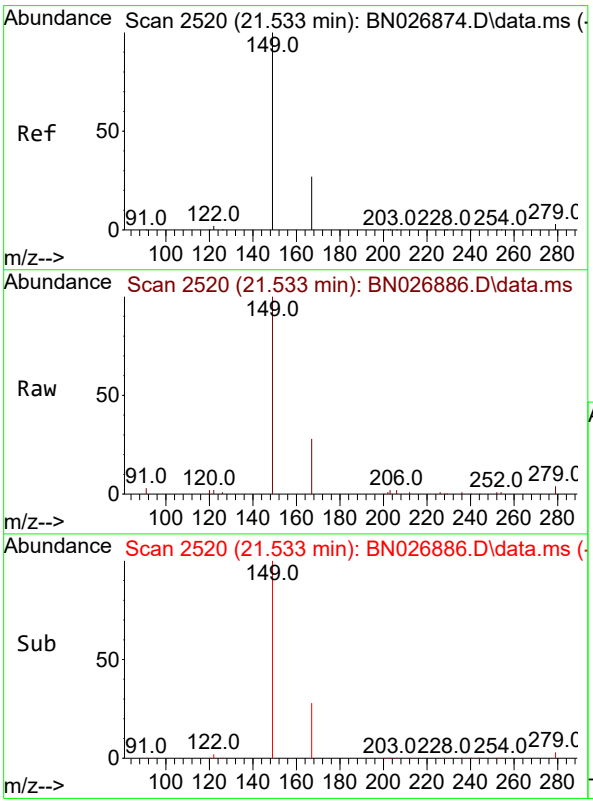
#33
Chrysene
Concen: 0.398 ng
RT: 21.695 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 34895

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	19.4	15.5	23.3

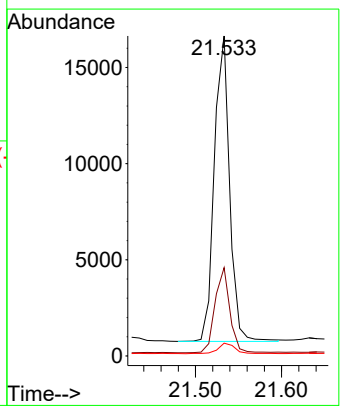


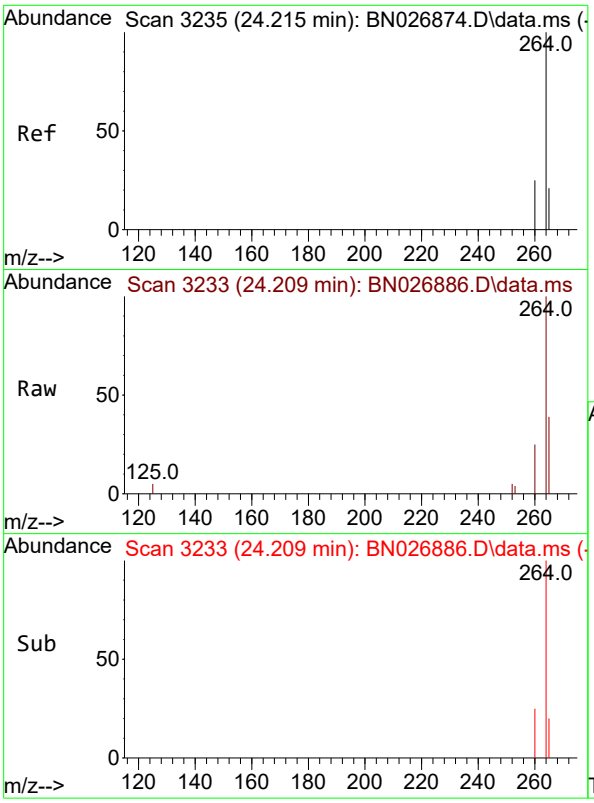


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.313 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:149 Resp: 19549

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	3.8	3.6	5.4



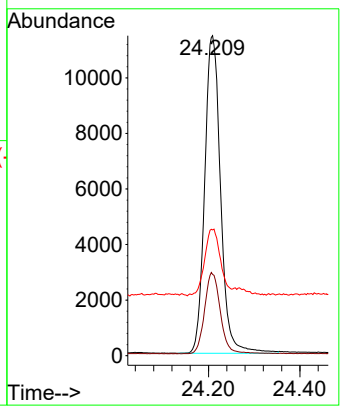


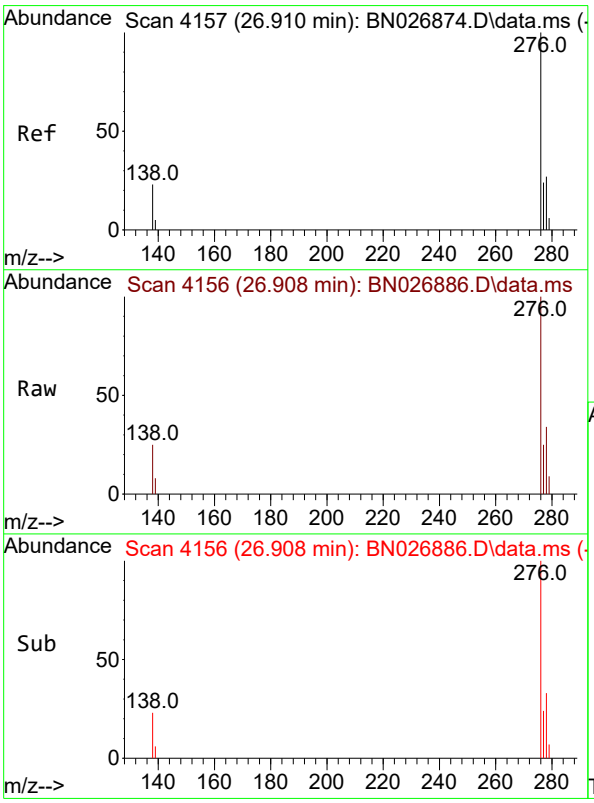
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.209 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 27634

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	39.3	27.0	40.6

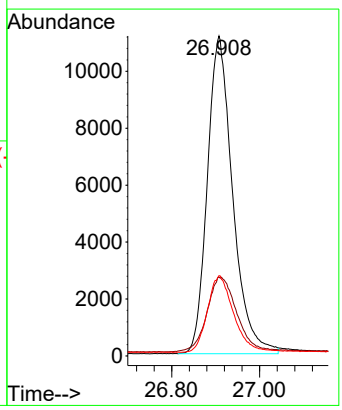


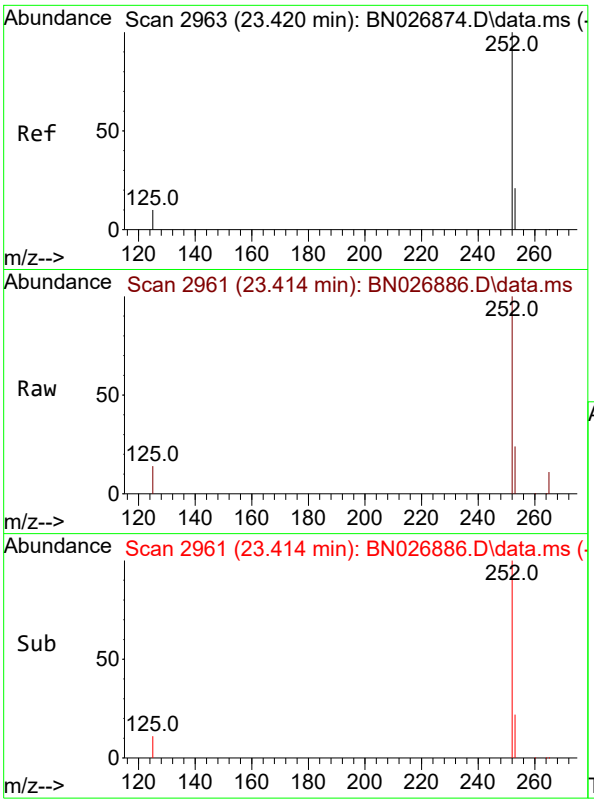


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.908 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:276 Resp: 44665

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.1	31.7
277	24.8	19.9	29.9



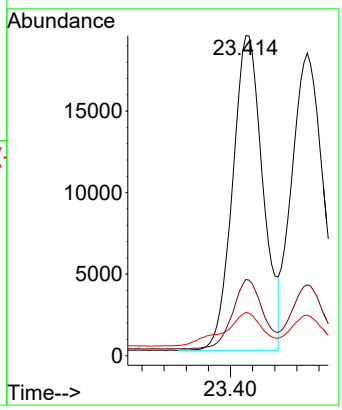


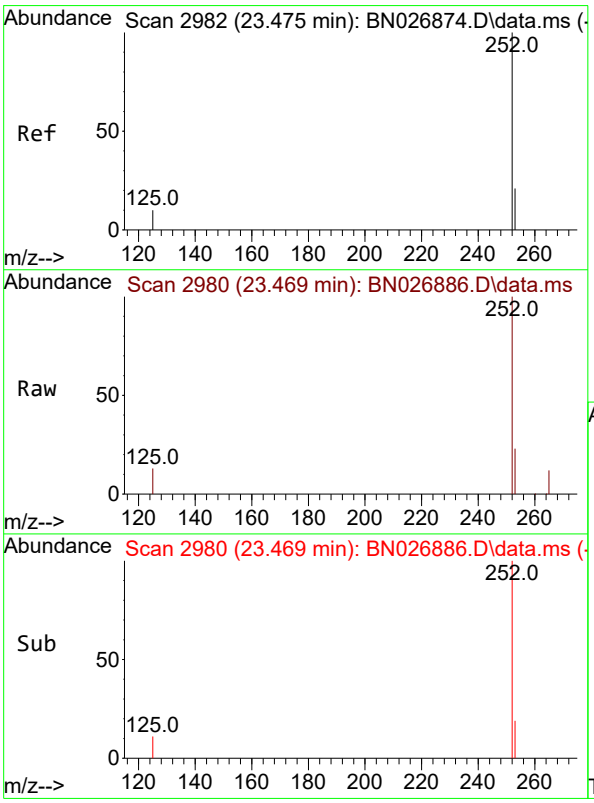
#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 23.414 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36562

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	13.6	10.2	15.2

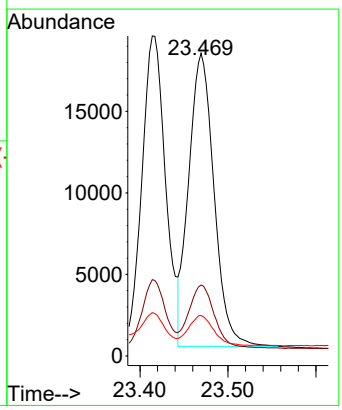


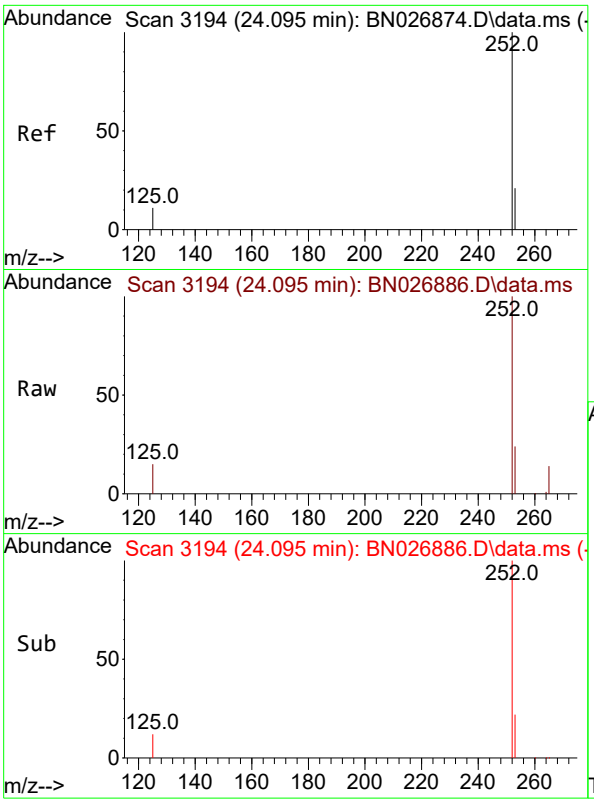


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.469 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:252 Resp: 35930

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	13.4	10.2	15.2



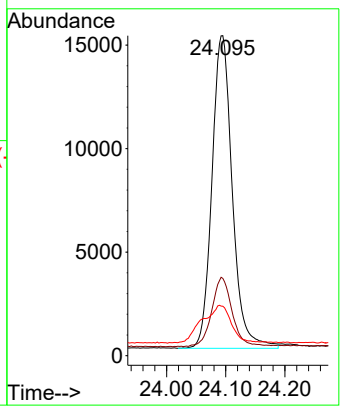


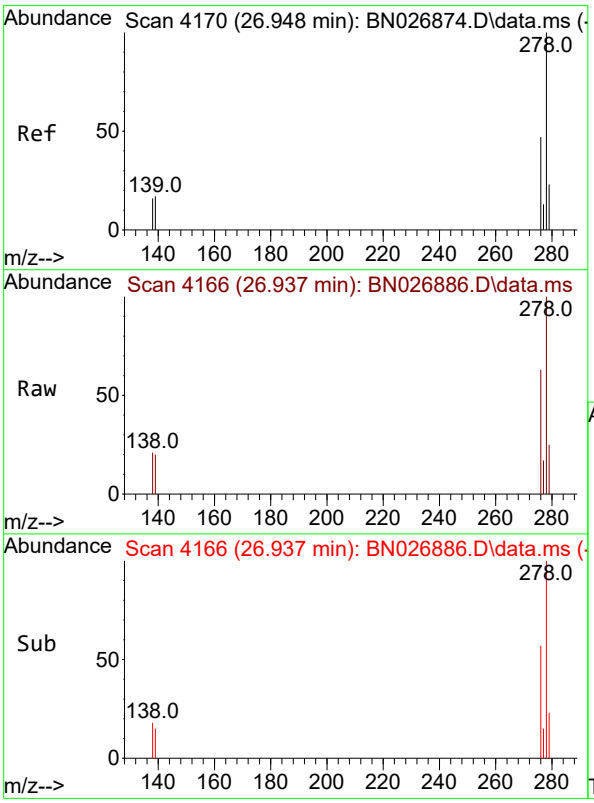
#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 24.095 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36177

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	28.0
125	15.4	11.7	17.5

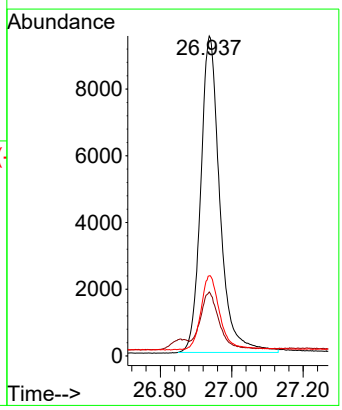


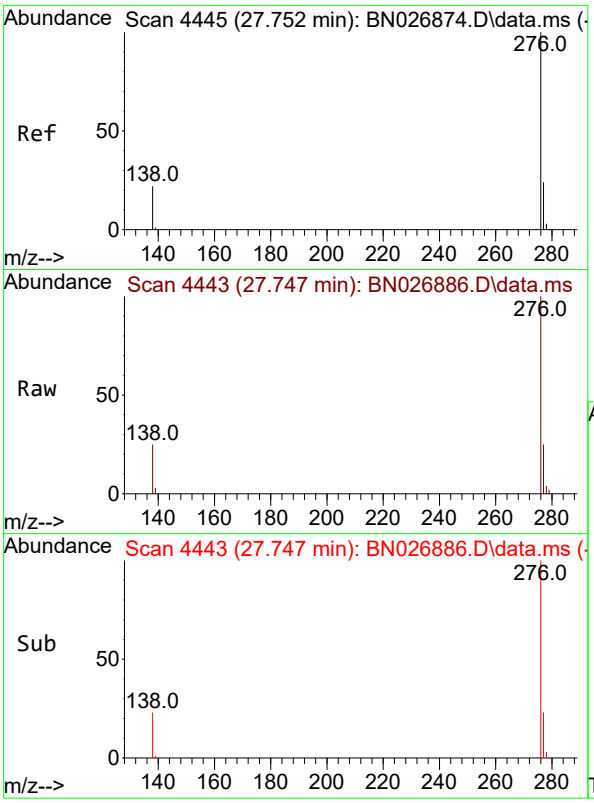


#40
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 26.937 min Scan# 4166
Delta R.T. -0.012 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Tgt Ion:278 Resp: 35278

Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.3	22.9
279	25.0	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 27.747 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026886.D
Acq: 10 Aug 2023 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37879

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	24.8	19.0	28.4