Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026879.D
Acq On : 10 Aug 2023 12:25
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Quant Time: Aug 11 02:06:28 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	6905	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	17039	0.400	ng		0.00
13) Acenaphthene-d10	14.736	164	12713	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	29609	0.400	ng		0.00
29) Chrysene-d12	21.658	240	27043	0.400	ng		0.00
35) Perylene-d12	24.209	264	31410	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	7193	0.370	ng		0.00
5) Phenol-d6	7.235	99	8903	0.370	ng		0.00
8) Nitrobenzene-d5	9.294	82	5834	0.405	ng		0.00
11) 2-Methylnaphthalene-d10	12.513	152	11563	0.427	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	2298	0.340	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	18558	0.393	ng		0.00
27) Fluoranthene-d10	19.500	212	29311	0.386	ng		0.00
31) Terphenyl-d14	20.090	244	20902	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	3010	0.405	ng		97
3) n-Nitrosodimethylamine	3.819	42	3174	0.384	ng		98
6) bis(2-Chloroethyl)ether	7.539	93	7875	0.390	ng		99
9) Naphthalene	10.991	128	17663	0.394	ng		99
10) Hexachlorobutadiene	11.226	225	3913	0.427	ng	#	99
12) 2-Methylnaphthalene	12.585	142	14779	0.422	ng		100
16) Acenaphthylene	14.459	152	23426	0.386	ng		100
17) Acenaphthene	14.801	154	14835	0.396	ng		100
18) Fluorene	15.779	166	19970	0.397	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	195	0.420	ng	#	53
21) 4-Bromophenyl-phenylether	16.673	248	6493	0.384	ng		98
22) Hexachlorobenzene	16.747	284	7240	0.401	ng		100
23) Atrazine	16.934	200	5690	0.378	ng		98
24) Pentachlorophenol	17.107	266	3042	0.334	ng		100
25) Phenanthrene	17.517	178	33258	0.391	ng		100
26) Anthracene	17.616	178	29488	0.371	ng		100
28) Fluoranthene	19.532	202	38971	0.387	ng		100
30) Pyrene	19.894	202	40363	0.388	ng		100
32) Benzo(a)anthracene	21.641	228	37837	0.388	ng		100
33) Chrysene	21.694	228	39409	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	24000	0.341	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.910	276	50232	0.391	ng		100
37) Benzo(b)fluoranthene	23.417	252	39906	0.380	ng		99
38) Benzo(k)fluoranthene	23.469	252	41048	0.380	ng		99
39) Benzo(a)pyrene	24.095	252	40070	0.381	ng		99
40) Dibenzo(a,h)anthracene	26.945	278	40429	0.395	ng		100
41) Benzo(g,h,i)perylene	27.747	276	43538	0.395	ng		100

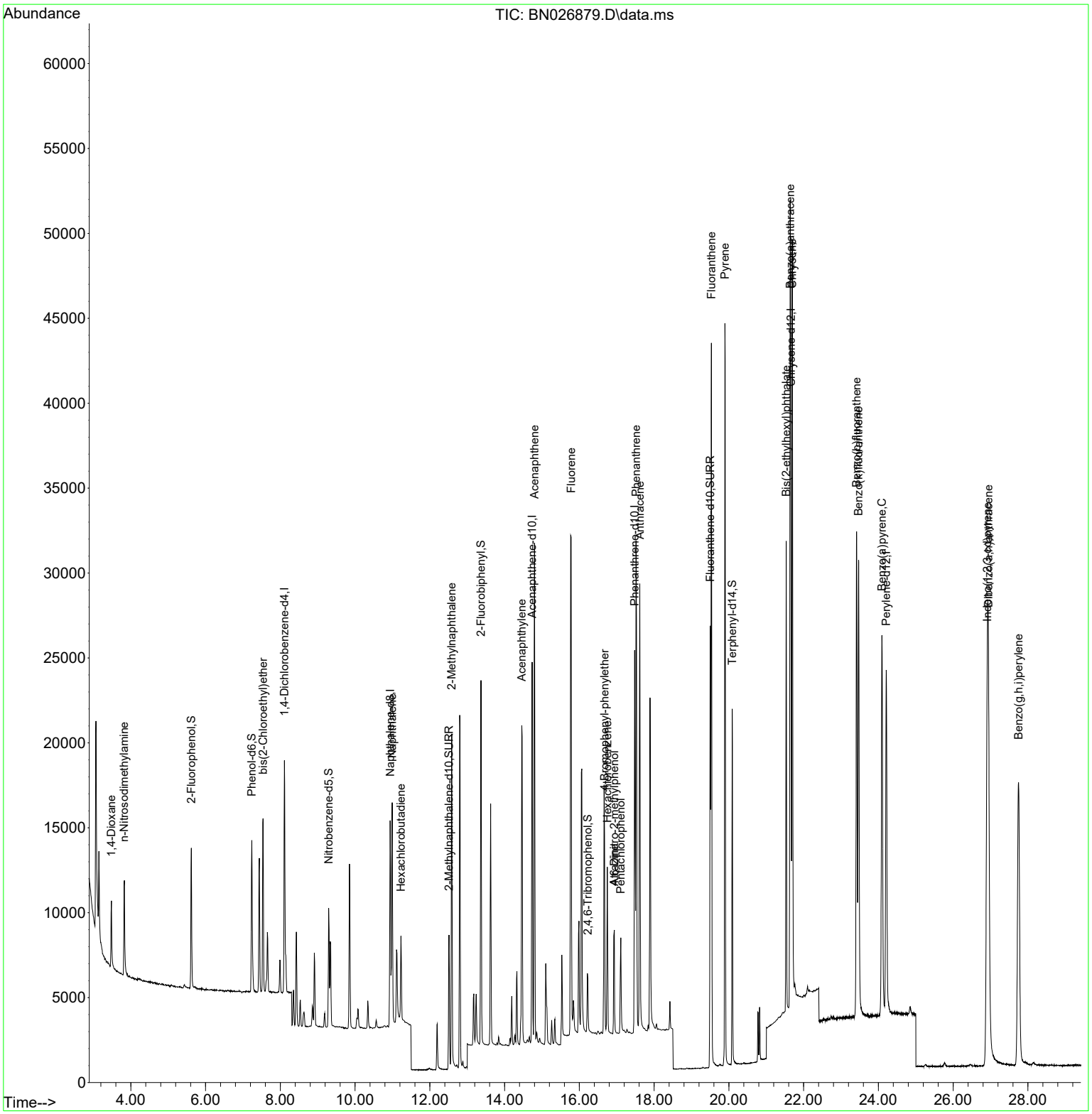
(#) = qualifier out of range (m) = manual integration (+) = signals summed

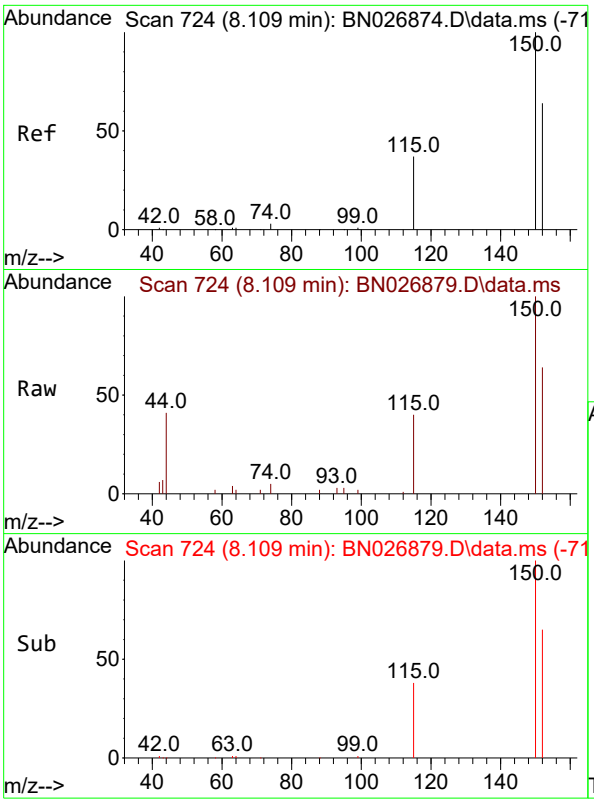
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026879.D
Acq On : 10 Aug 2023 12:25
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Quant Time: Aug 11 02:06:28 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



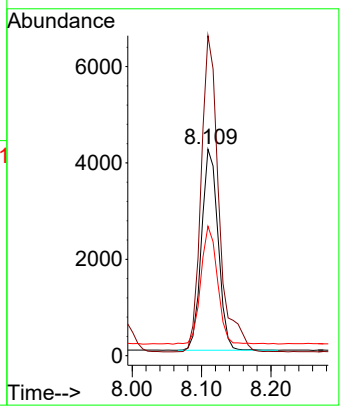


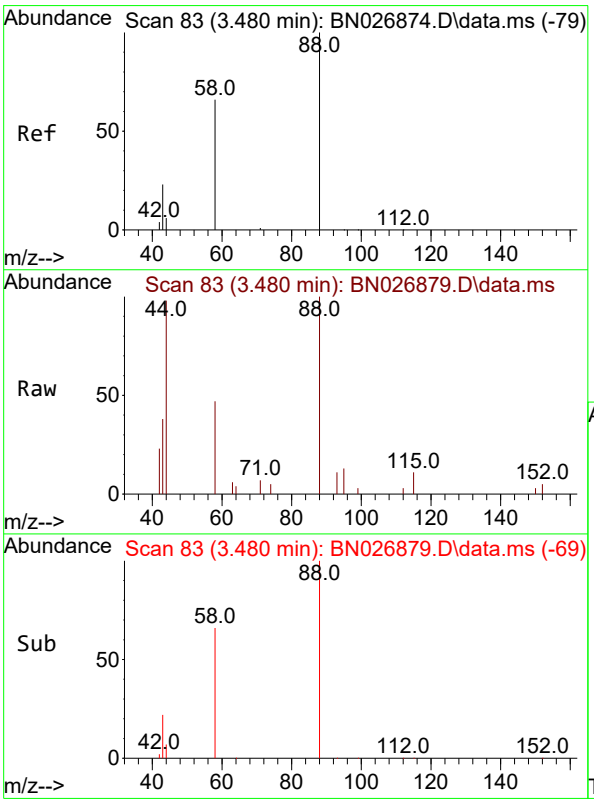
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:152 Resp: 6905

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.6
115	62.7	49.7	74.5

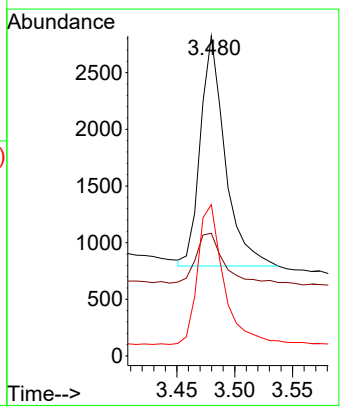


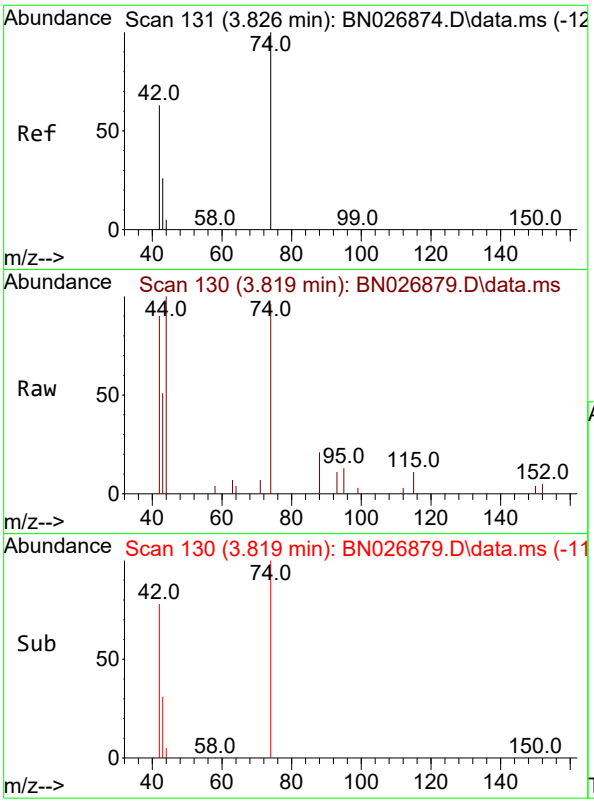


#2
1,4-Dioxane
Concen: 0.405 ng
RT: 3.480 min Scan# 83
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion: 88 Resp: 3010

Ion	Ratio	Lower	Upper
88	100		
43	23.9	19.2	28.8
58	64.6	54.5	81.7



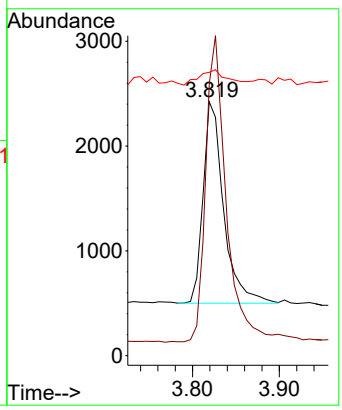


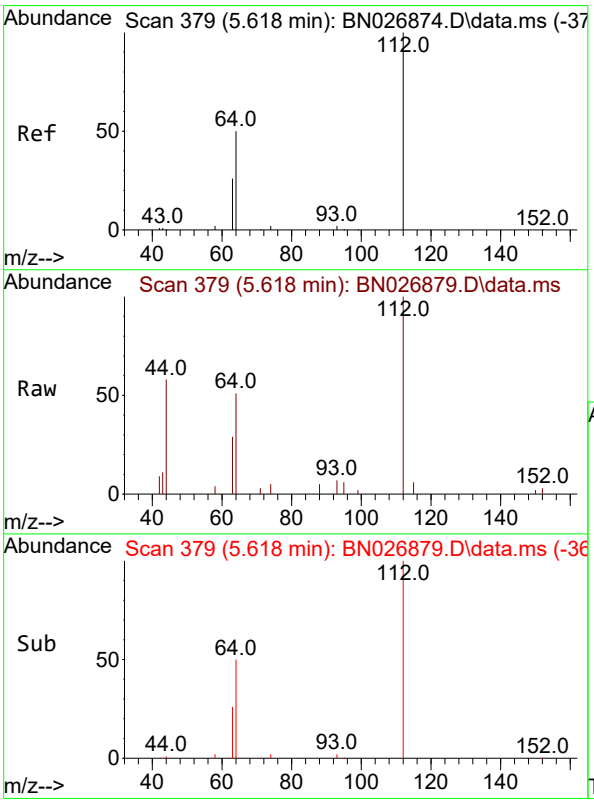
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion: 42 Resp: 3174

Ion	Ratio	Lower	Upper
42	100		
74	151.3	119.4	179.2
44	10.1	8.7	13.1

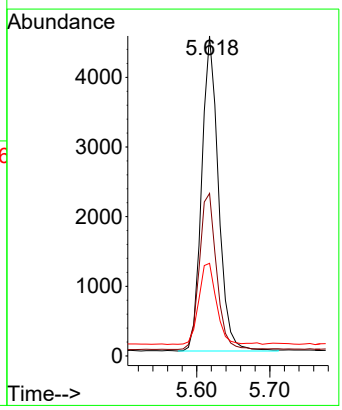


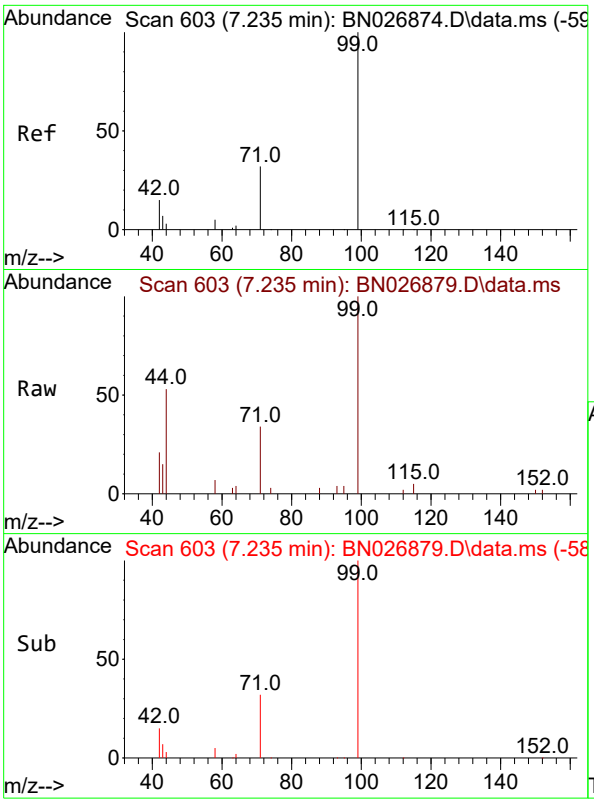


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.618 min Scan# 379
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:112 Resp: 7193

Ion	Ratio	Lower	Upper
112	100		
64	50.7	41.5	62.3
63	26.8	21.7	32.5



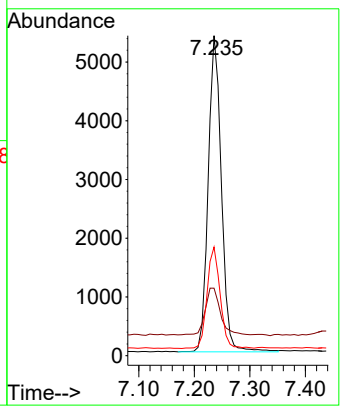


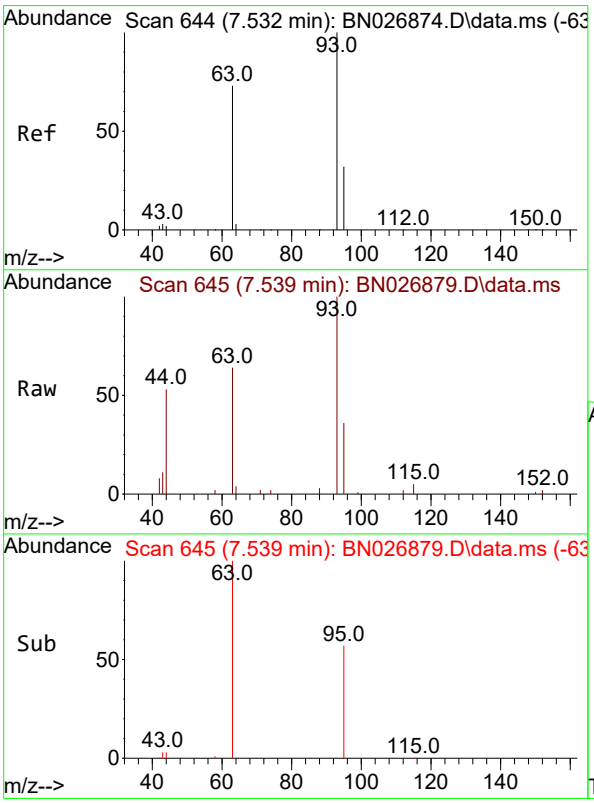
#5
Phenol-d6
Concen: 0.370 ng
RT: 7.235 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion: 99 Resp: 8903

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.8	26.0	39.0

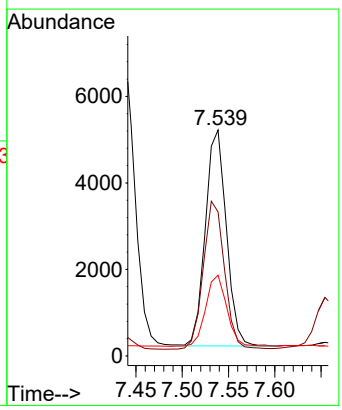


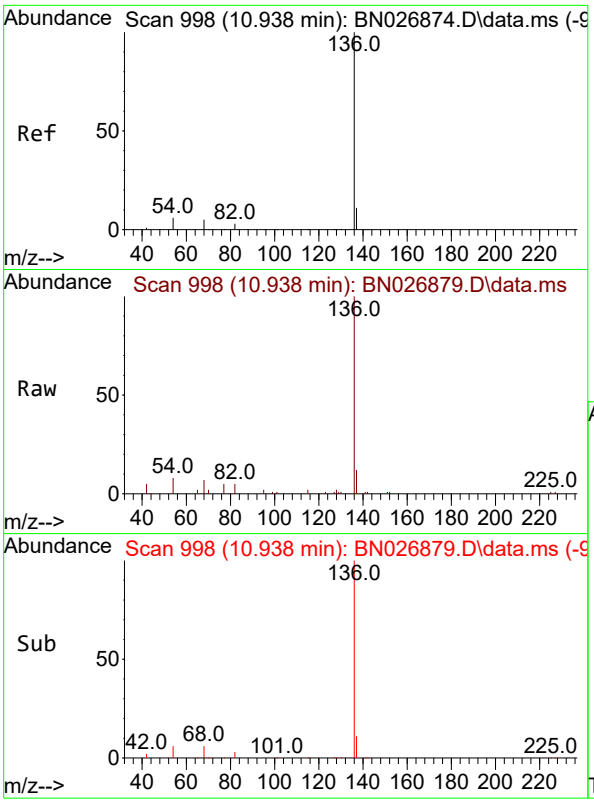


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.539 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion: 93 Resp: 7875

Ion	Ratio	Lower	Upper
93	100		
63	69.2	55.0	82.4
95	33.2	26.2	39.2



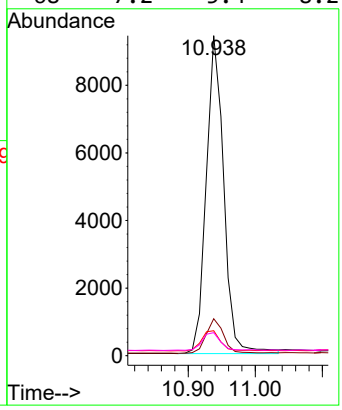


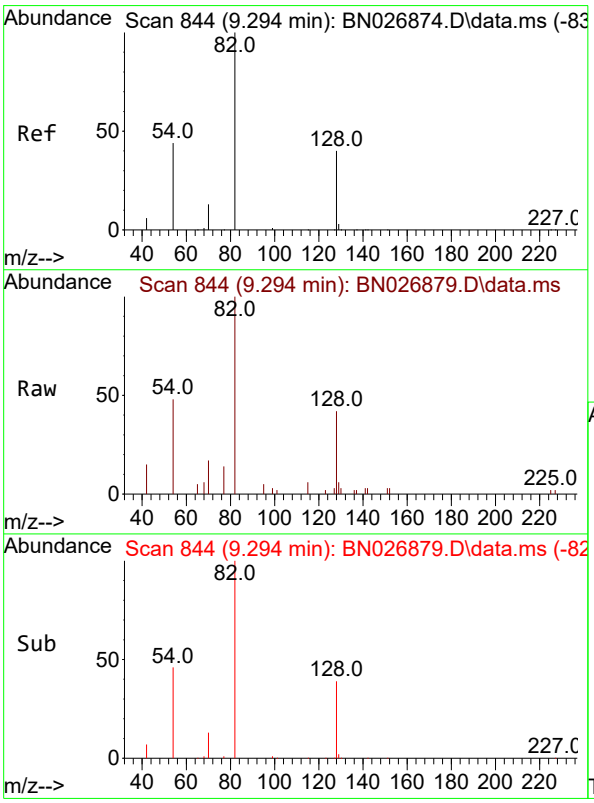
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:136 Resp: 17039

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.8	5.5	8.3
68	7.2	5.4	8.2

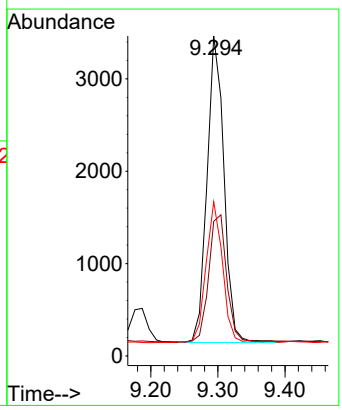


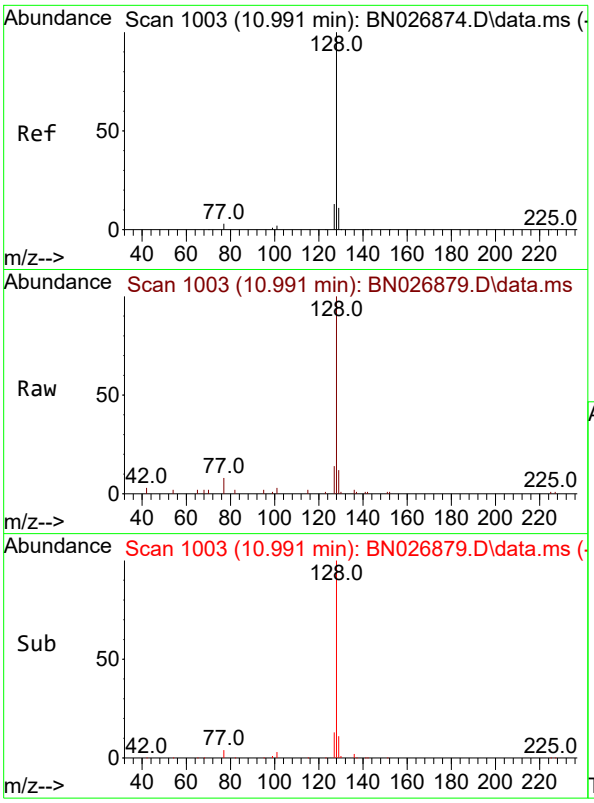


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 9.294 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion: 82 Resp: 5834

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	48.2	37.0	55.4



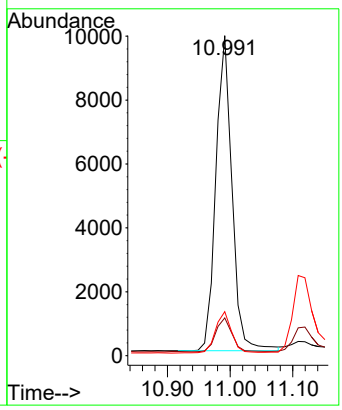


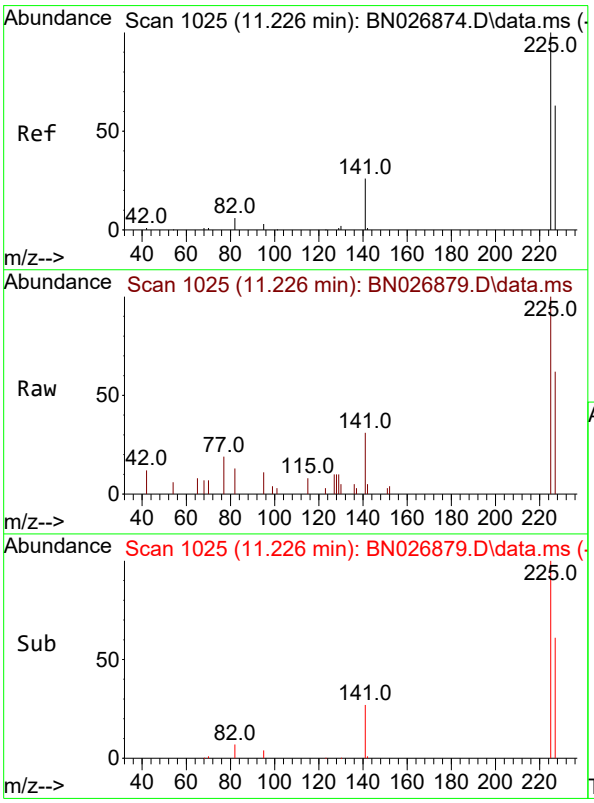
#9
Naphthalene
Concen: 0.394 ng
RT: 10.991 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:128 Resp: 17663

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.8	10.6	16.0

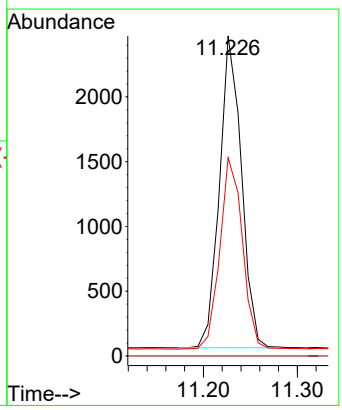


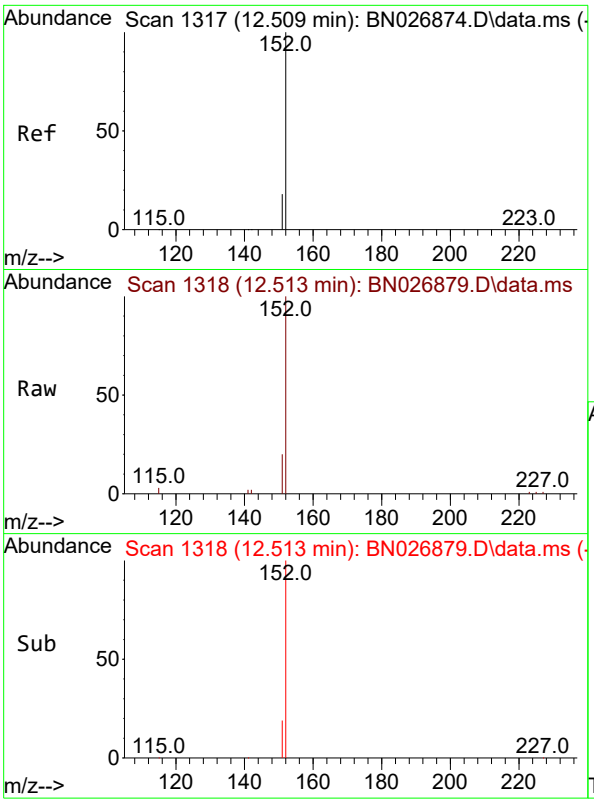


#10
Hexachlorobutadiene
Concen: 0.427 ng
RT: 11.226 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:225 Resp: 3913

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.8	76.2



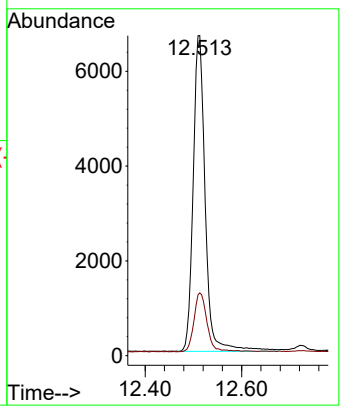


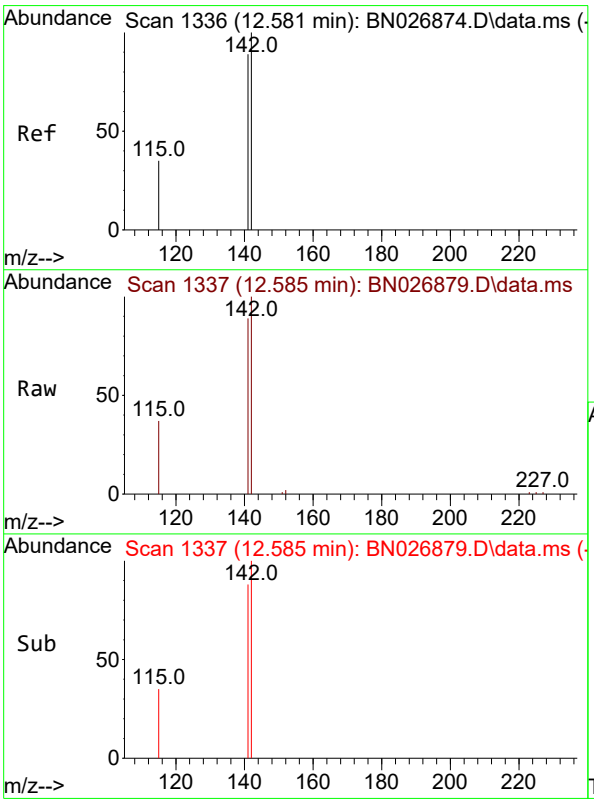
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.513 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:152 Resp: 11563

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

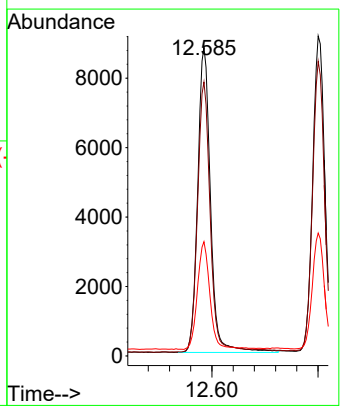


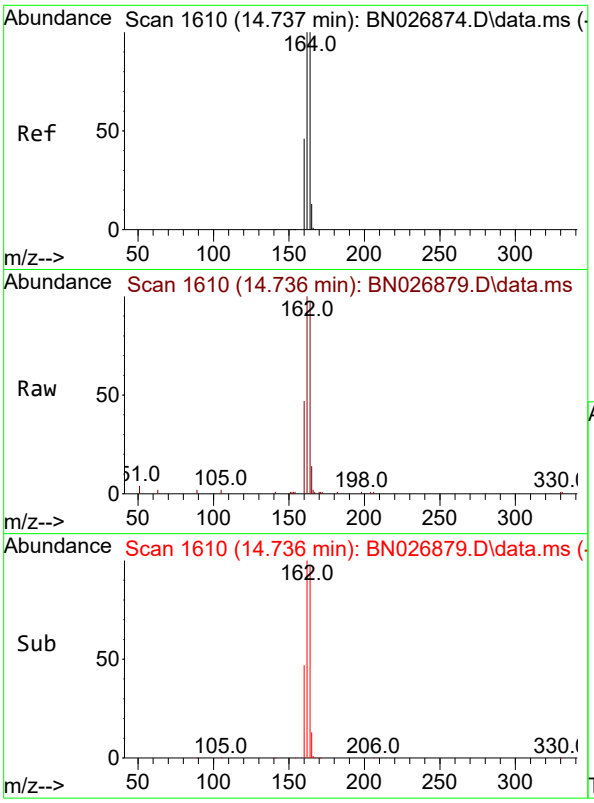


#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 12.585 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:142 Resp: 14779

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	37.0	29.4	44.2



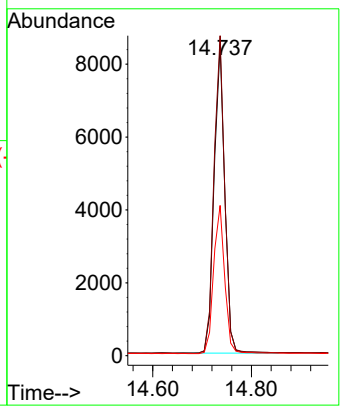


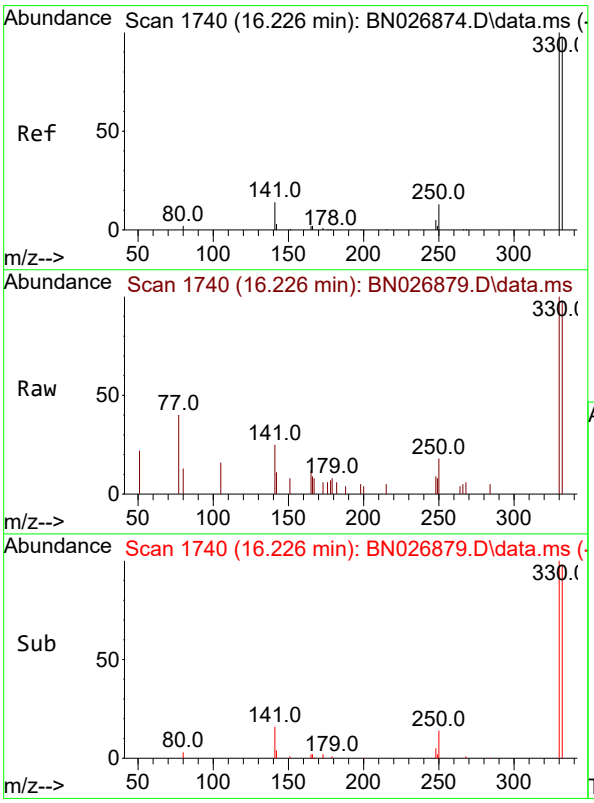
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.736 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:164 Resp: 12713

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.7	119.5
160	48.3	37.4	56.0

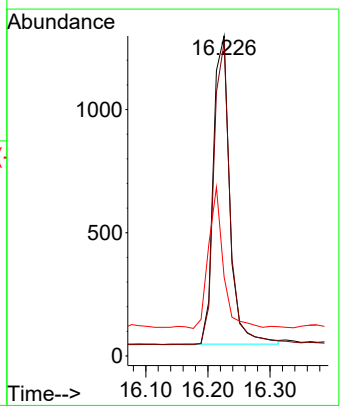


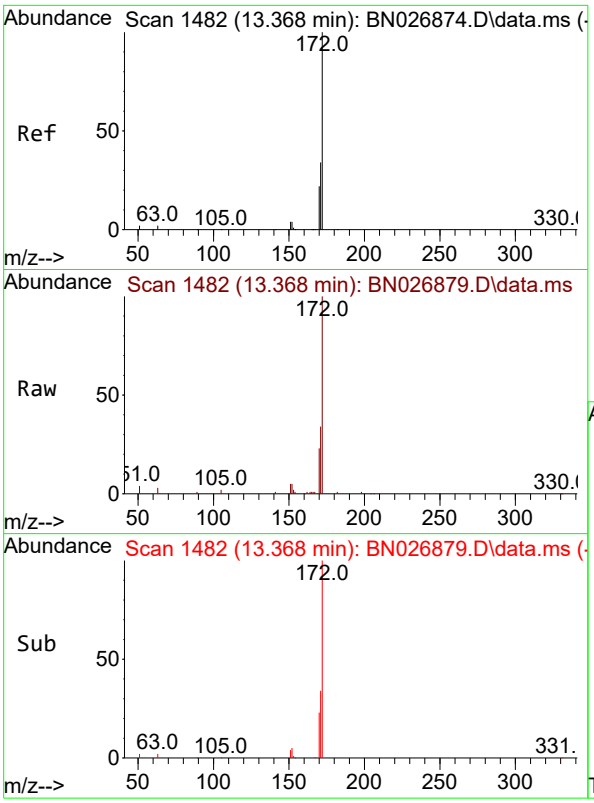


#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 16.226 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:330 Resp: 2298

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	40.1	32.3	48.5



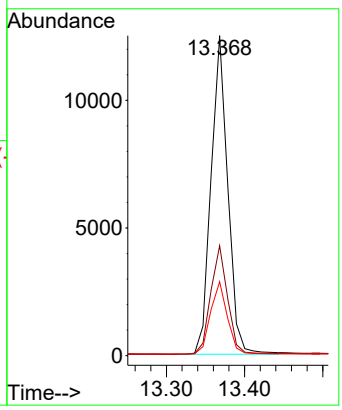


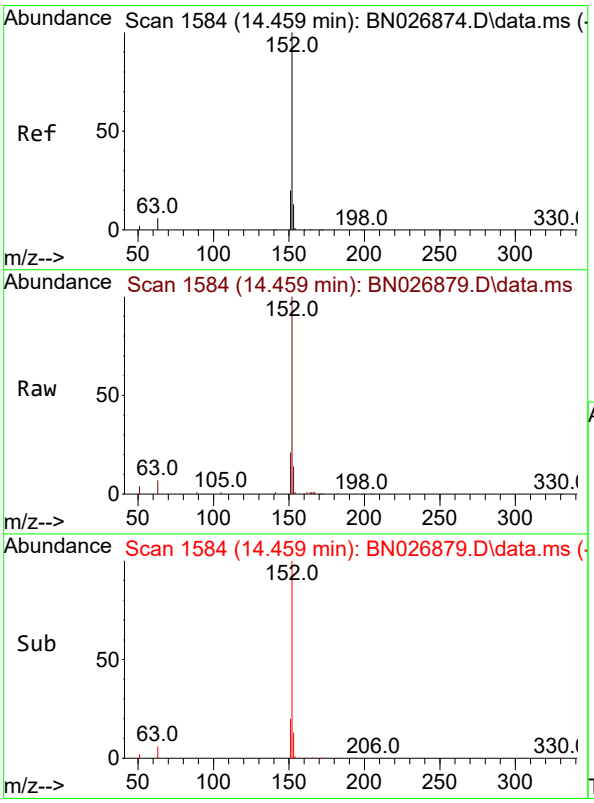
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.368 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:172 Resp: 18558

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	23.1	18.0	27.0

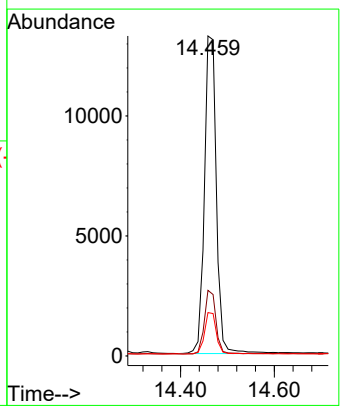


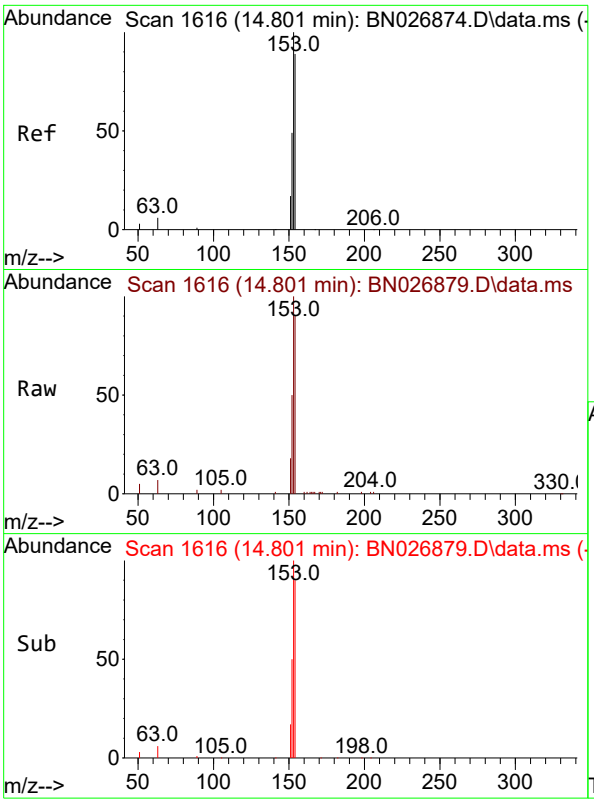


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.459 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:152 Resp: 23426

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.0	10.5	15.7



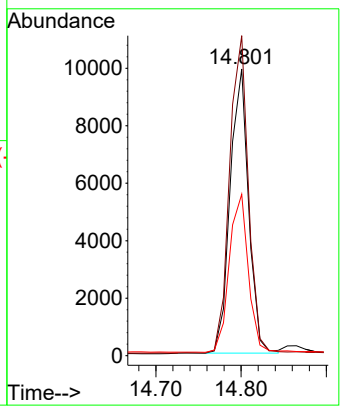


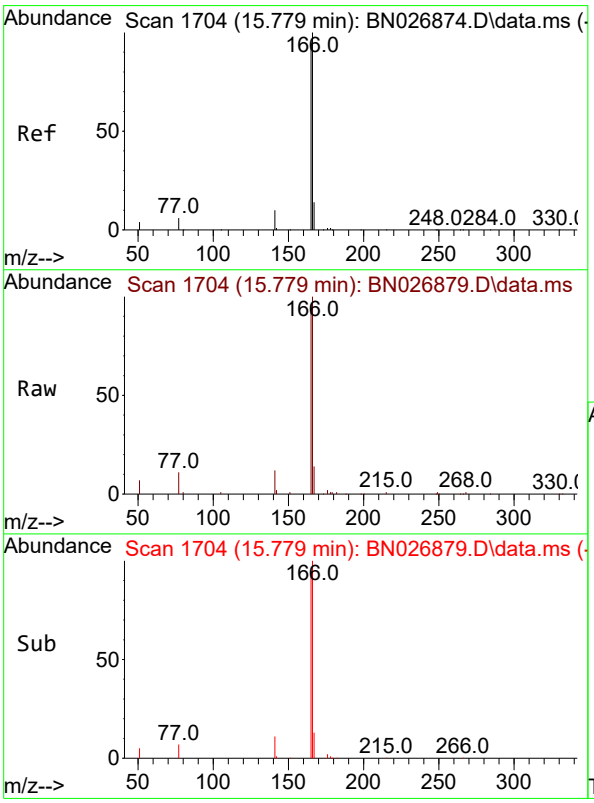
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.801 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:154 Resp: 14835

Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.0	138.0
152	57.9	46.2	69.2

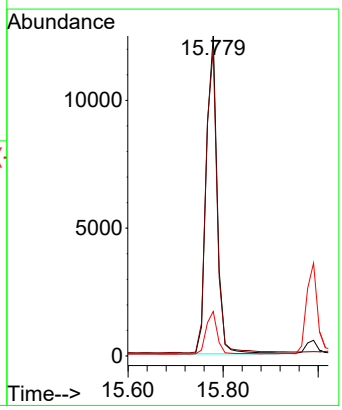


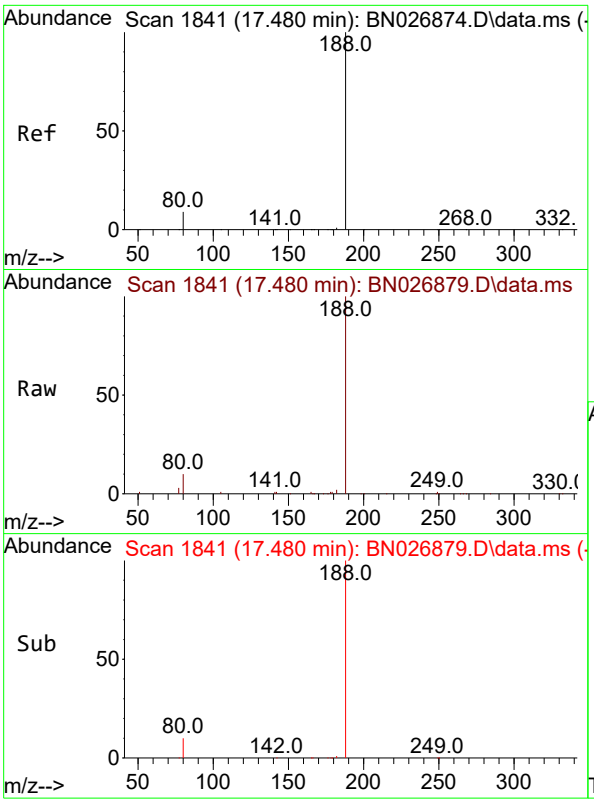


#18
Fluorene
Concen: 0.397 ng
RT: 15.779 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:166 Resp: 19970

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.4	116.2
167	13.5	10.9	16.3



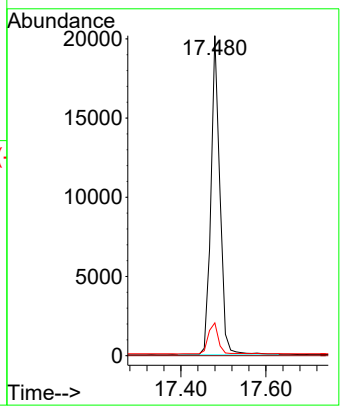


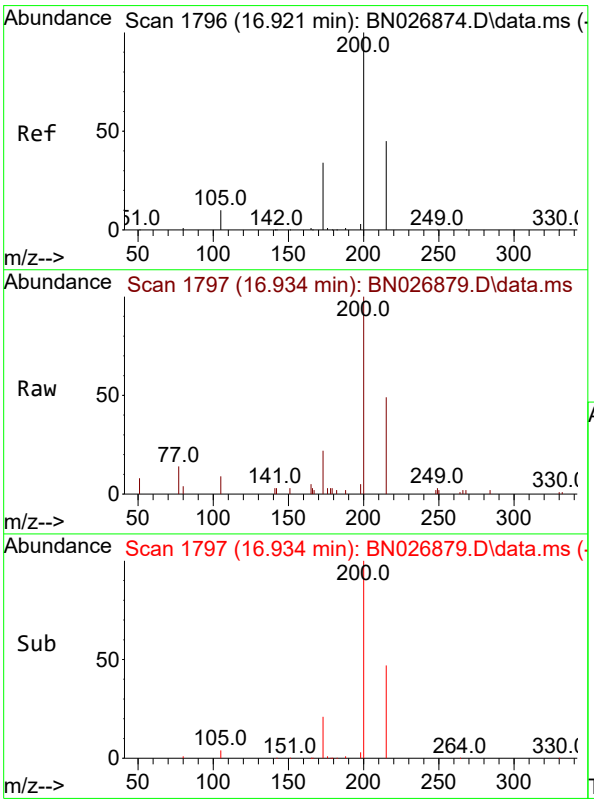
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:188 Resp: 29609

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.4	11.2

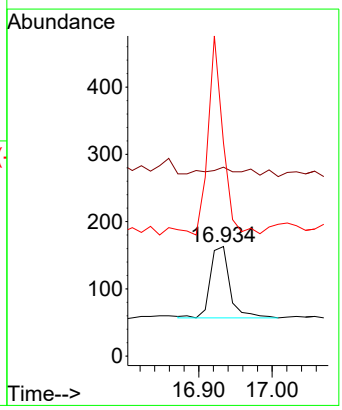


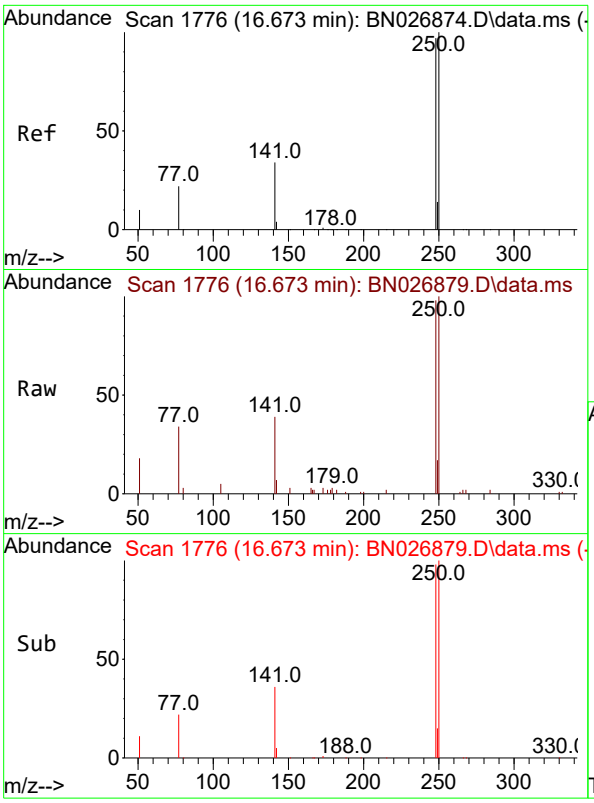


#20
4,6-Dinitro-2-methylphenol
Concen: 0.420 ng
RT: 16.934 min Scan# 1797
Delta R.T. 0.012 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:198 Resp: 195

Ion	Ratio	Lower	Upper
198	100		
51	172.4	143.8	215.8
105	194.5	273.5	410.3#



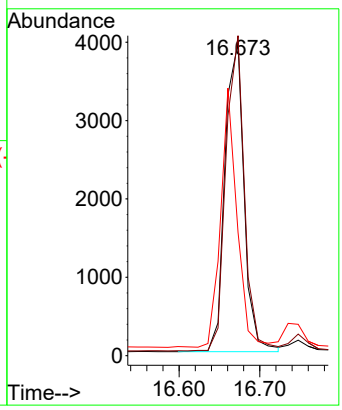


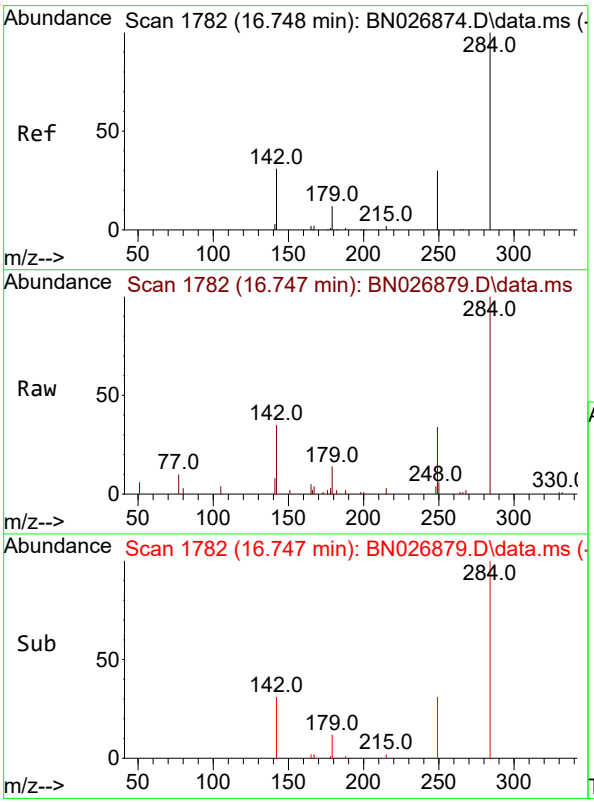
#21
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.673 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:248 Resp: 6493

Ion	Ratio	Lower	Upper
248	100		
250	102.2	83.0	124.4
141	39.4	29.9	44.9

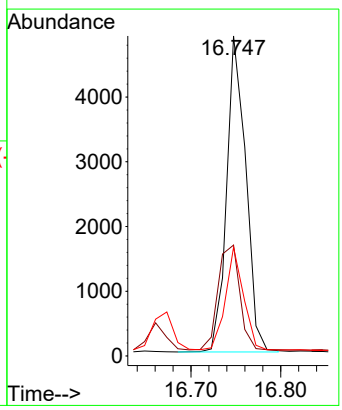


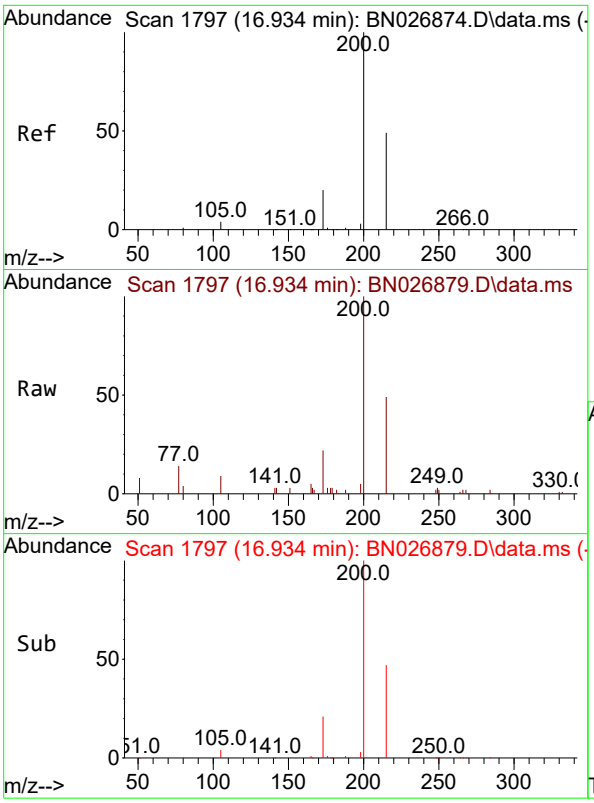


#22
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.747 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:284 Resp: 7240

Ion	Ratio	Lower	Upper
284	100		
142	37.4	30.0	45.0
249	30.5	24.4	36.6



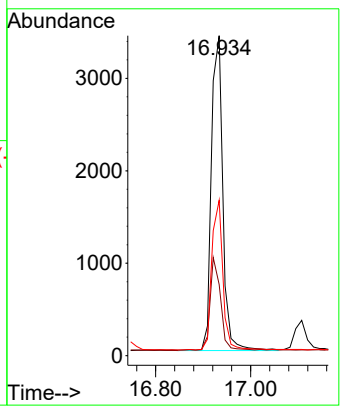


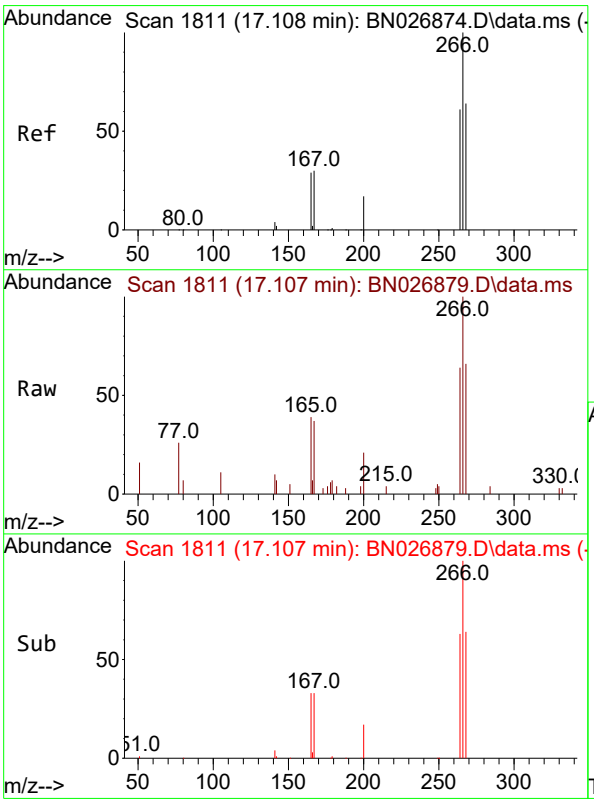
#23
Atrazine
Concen: 0.378 ng
RT: 16.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:200 Resp: 5690

Ion	Ratio	Lower	Upper
200	100		
173	22.2	17.1	25.7
215	48.6	39.6	59.4

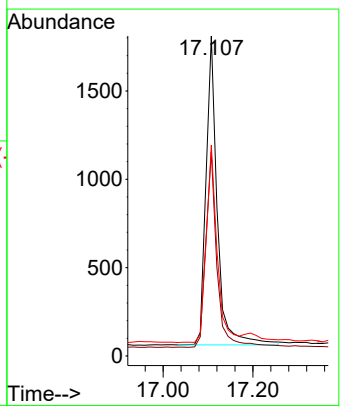


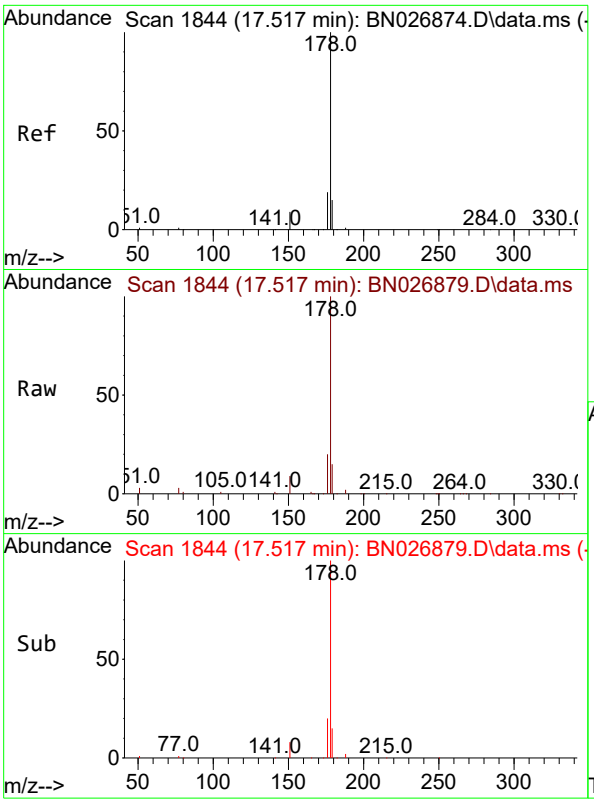


#24
Pentachlorophenol
Concen: 0.334 ng
RT: 17.107 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:266 Resp: 3042

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.7	74.5
268	61.7	49.3	73.9



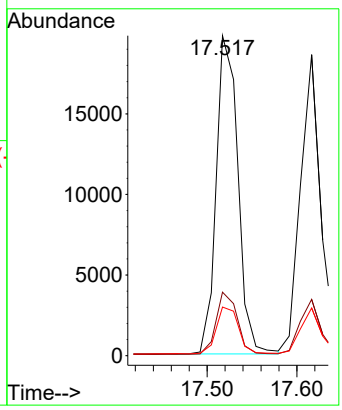


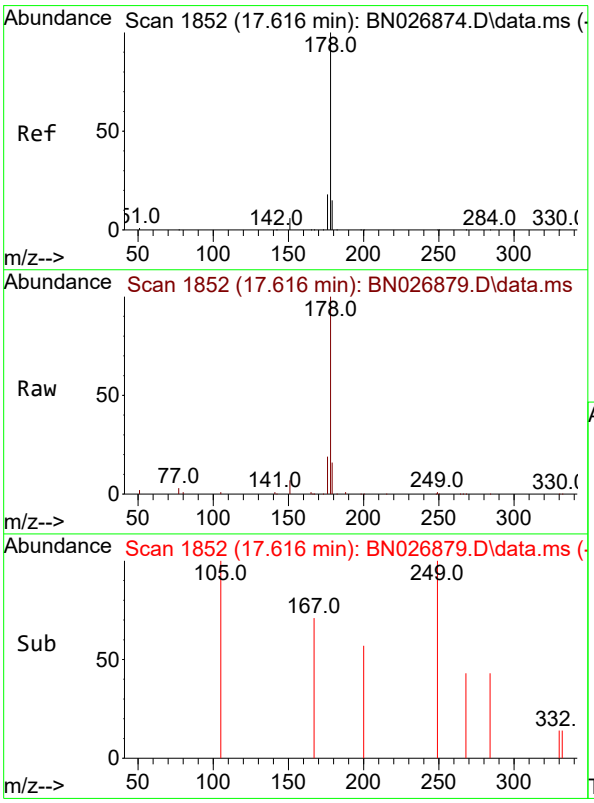
#25
Phenanthrene
Concen: 0.391 ng
RT: 17.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:178 Resp: 33258

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.2	18.4

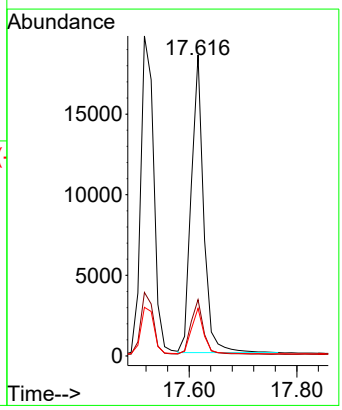


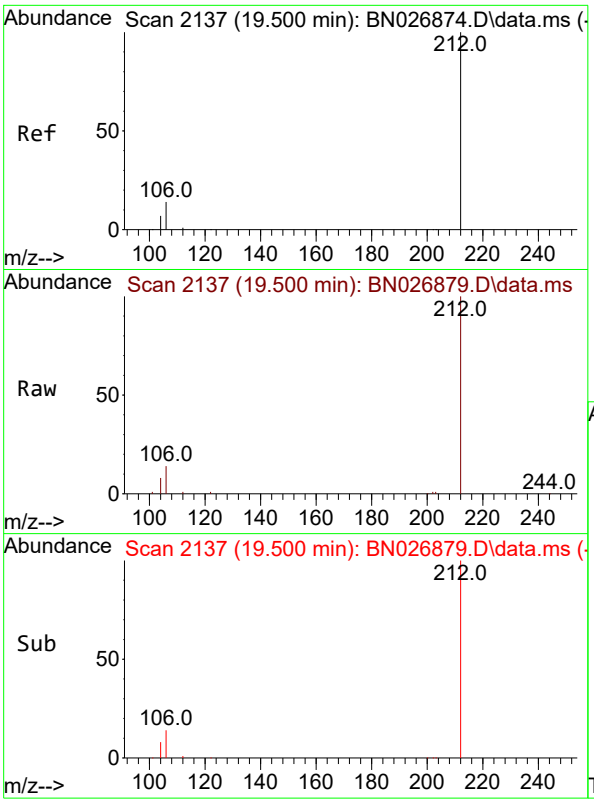


#26
Anthracene
Concen: 0.371 ng
RT: 17.616 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:178 Resp: 29488

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	12.1	18.1



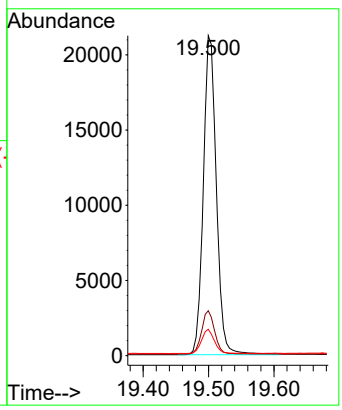


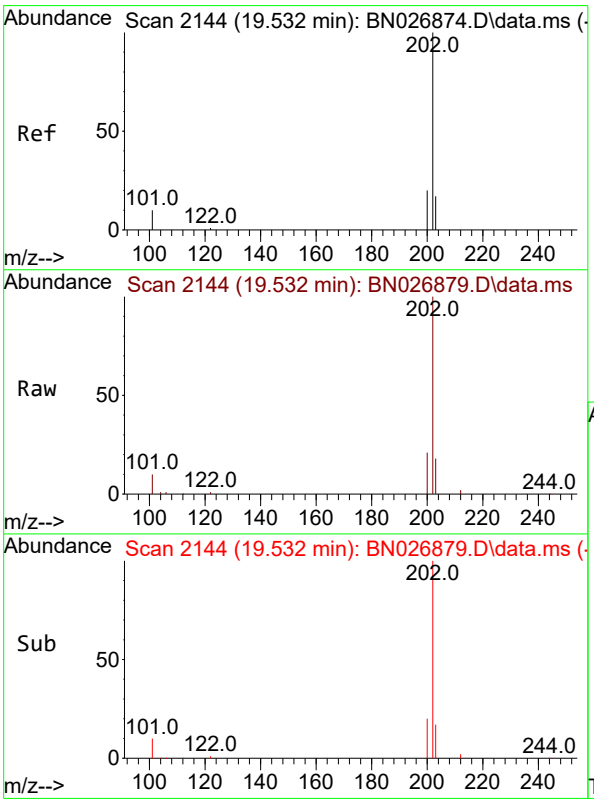
#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:212 Resp: 29311

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

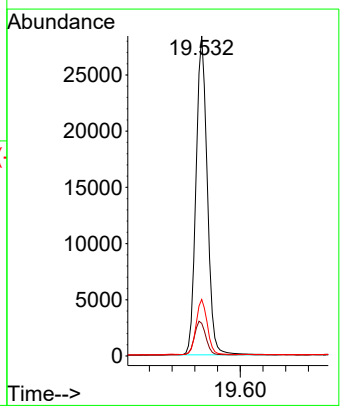


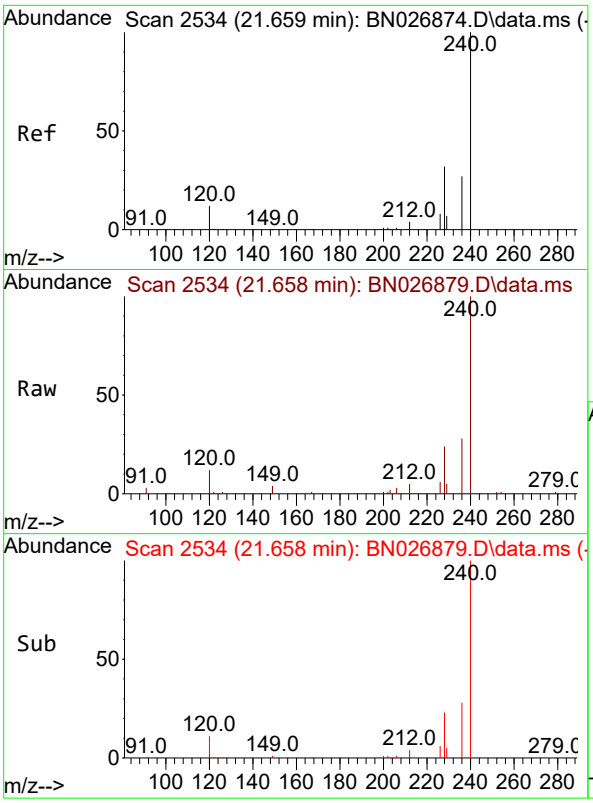


#28
Fluoranthene
Concen: 0.387 ng
RT: 19.532 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:202 Resp: 38971

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.0	13.7	20.5



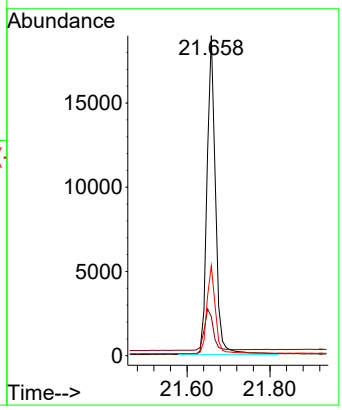


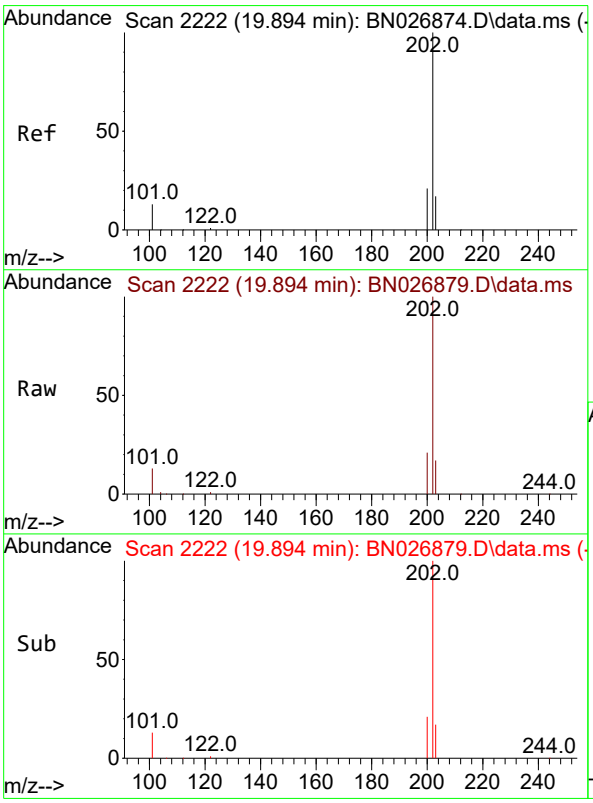
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.658 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:240 Resp: 27043

Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.1	16.7
236	28.1	22.2	33.2

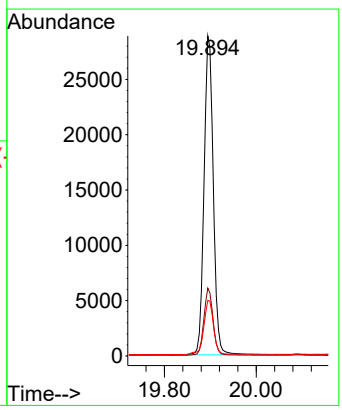


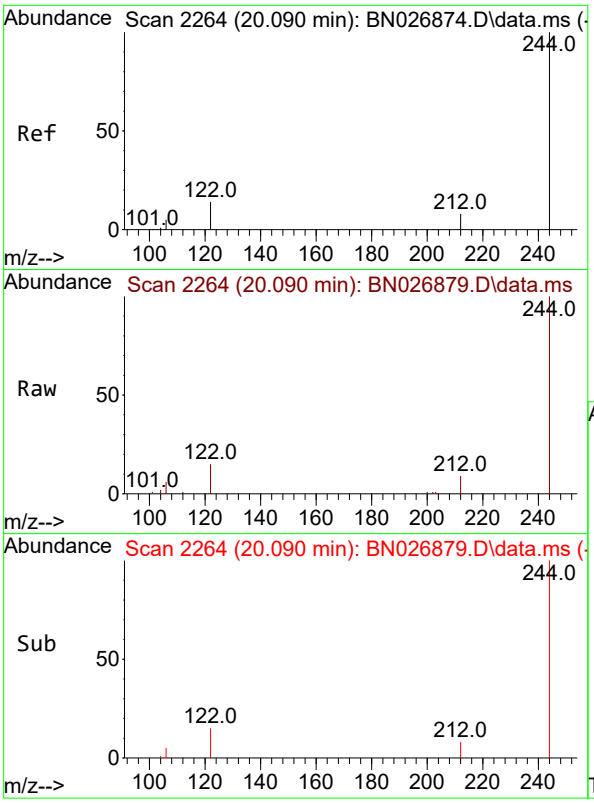


#30
Pyrene
Concen: 0.388 ng
RT: 19.894 min Scan# 2222
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:202 Resp: 40363

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.8	14.4	21.6



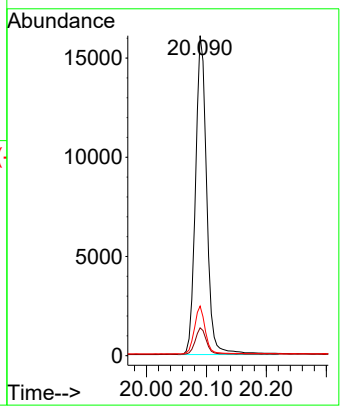


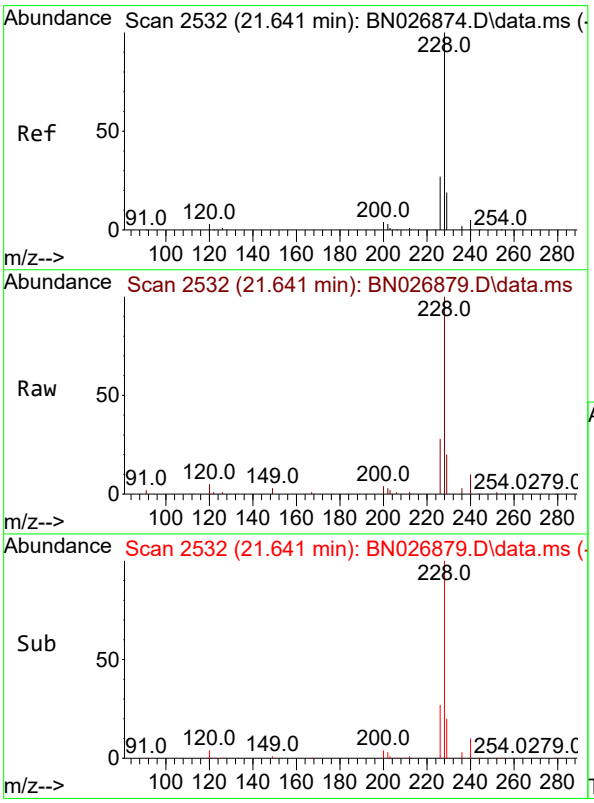
#31
Terphenyl-d14
Concen: 0.370 ng
RT: 20.090 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:244 Resp: 20902

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	15.5	11.9	17.9

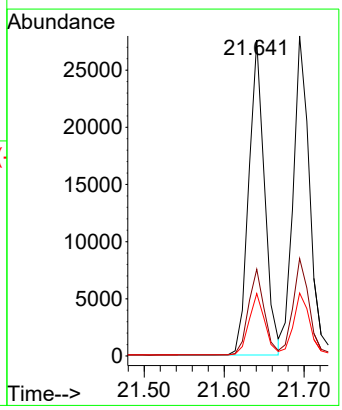


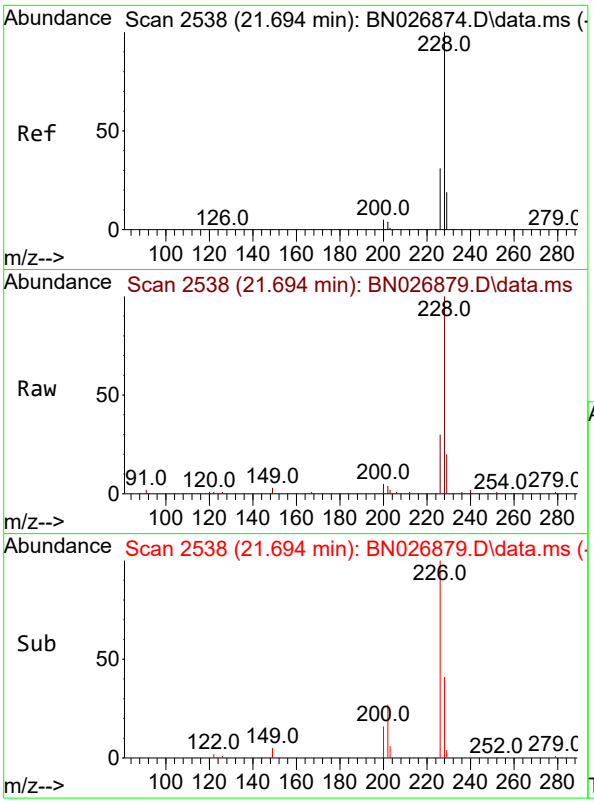


#32
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.641 min Scan# 2532
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:228 Resp: 37837

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.8	15.5	23.3



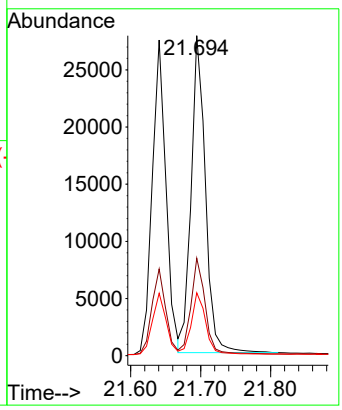


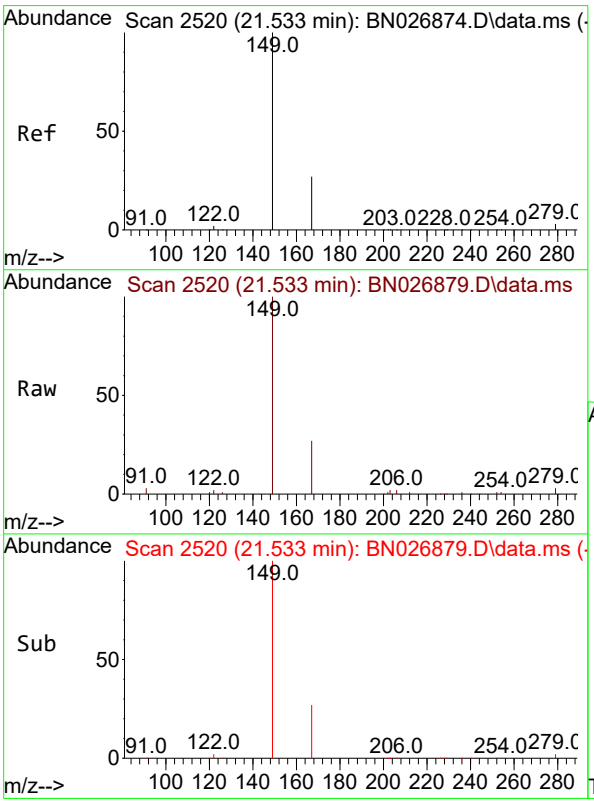
#33
Chrysene
Concen: 0.400 ng
RT: 21.694 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:228 Resp: 39409

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.7	15.5	23.3

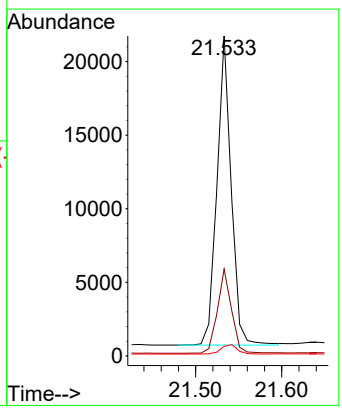


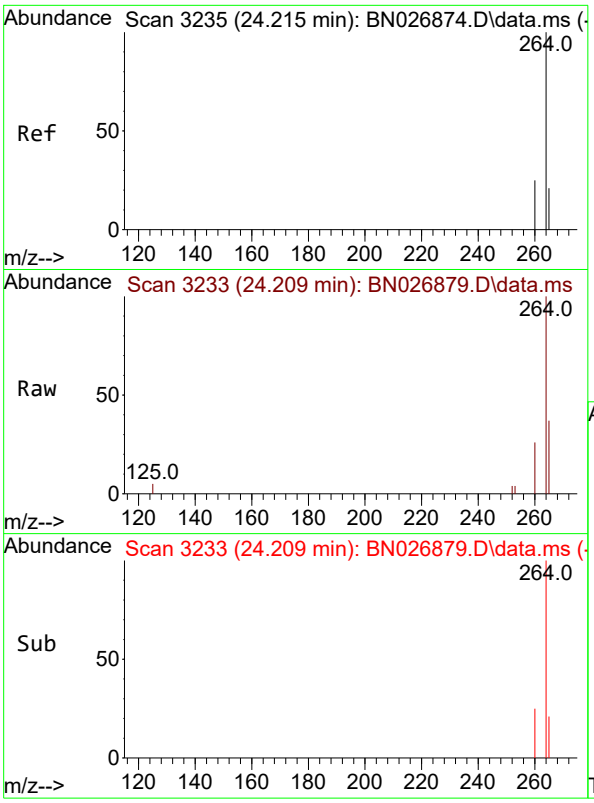


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.341 ng
RT: 21.533 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:149 Resp: 24000

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	3.5	3.6	5.4#



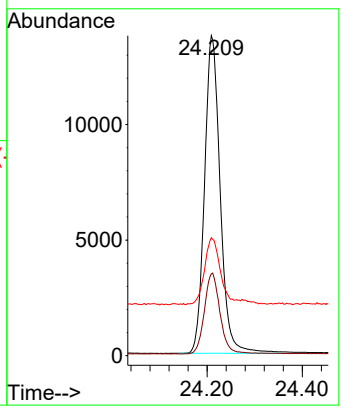


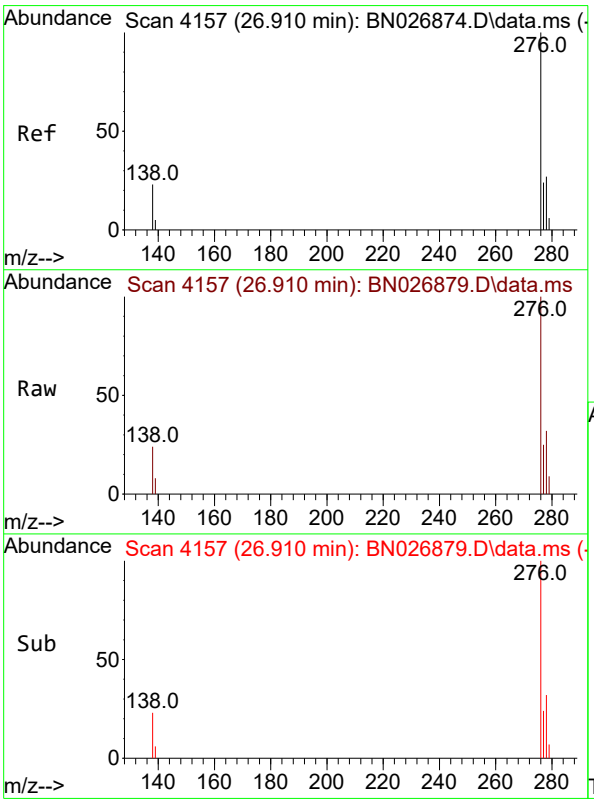
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.209 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:264 Resp: 31410

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	36.9	27.0	40.6

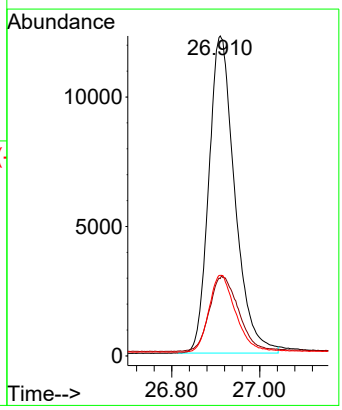


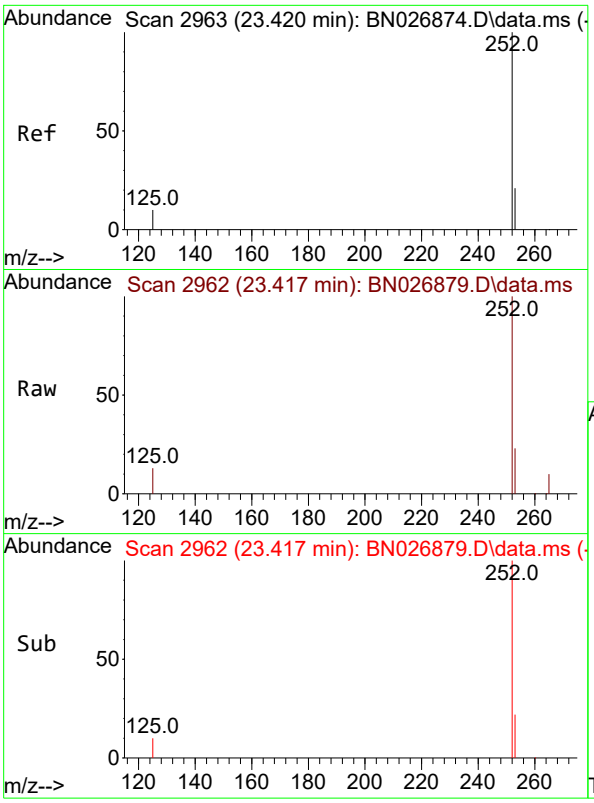


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 26.910 min Scan# 4157
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:276 Resp: 50232

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.1	31.7
277	24.8	19.9	29.9



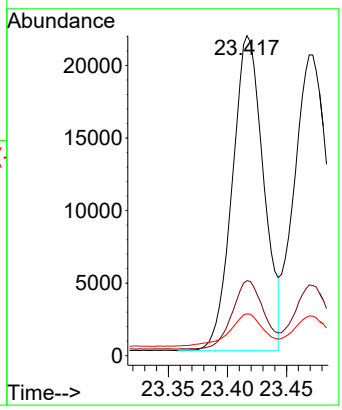


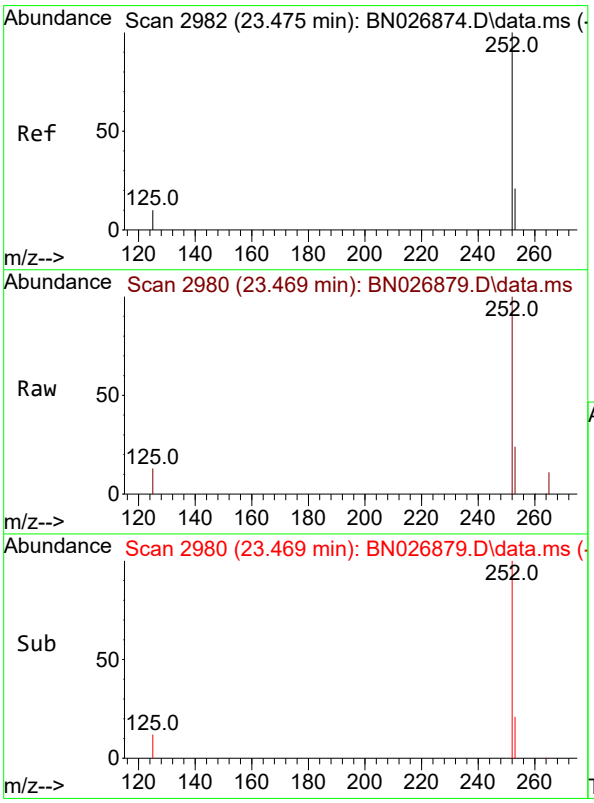
#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.417 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:252 Resp: 39906

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	13.1	10.2	15.2

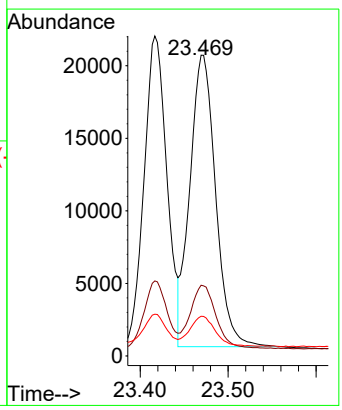


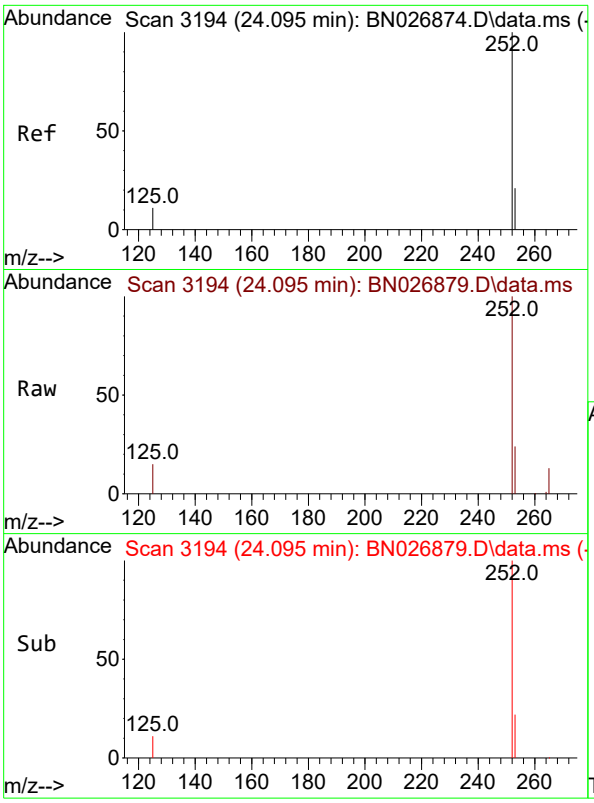


#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.469 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:252 Resp: 41048

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	13.2	10.2	15.2



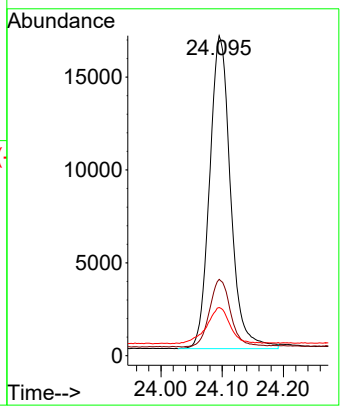


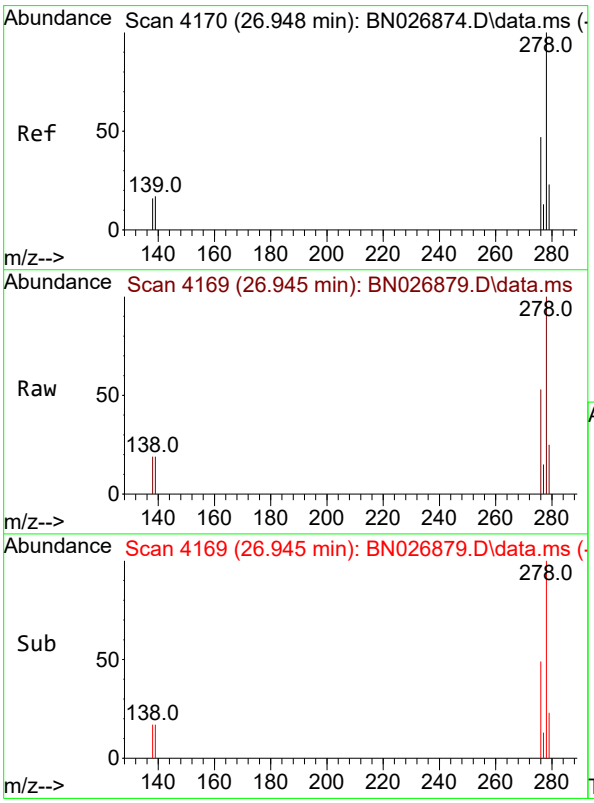
#39
Benzo(a)pyrene
Concen: 0.381 ng
RT: 24.095 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:252 Resp: 40070

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	28.0
125	15.0	11.7	17.5

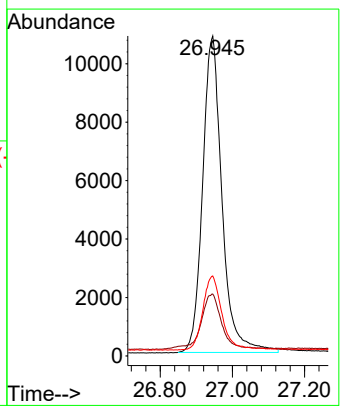


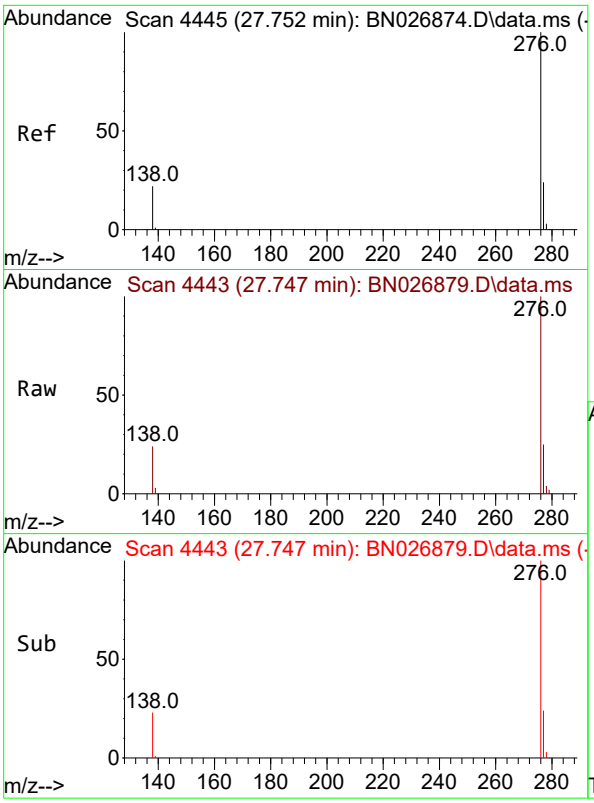


#40
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 26.945 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Tgt Ion:278 Resp: 40429

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.3	22.9
279	25.0	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 27.747 min Scan# 44
Delta R.T. -0.006 min
Lab File: BN026879.D
Acq: 10 Aug 2023 12:25

Instrument :
BNA_N
ClientSampleId :
ICVBN081123

Tgt Ion:276 Resp: 43538

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	23.9	19.0	28.4