Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026881.D
Acq On : 10 Aug 2023 13:39
Operator : MA/JU
Sample : PB154594BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:12:02 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

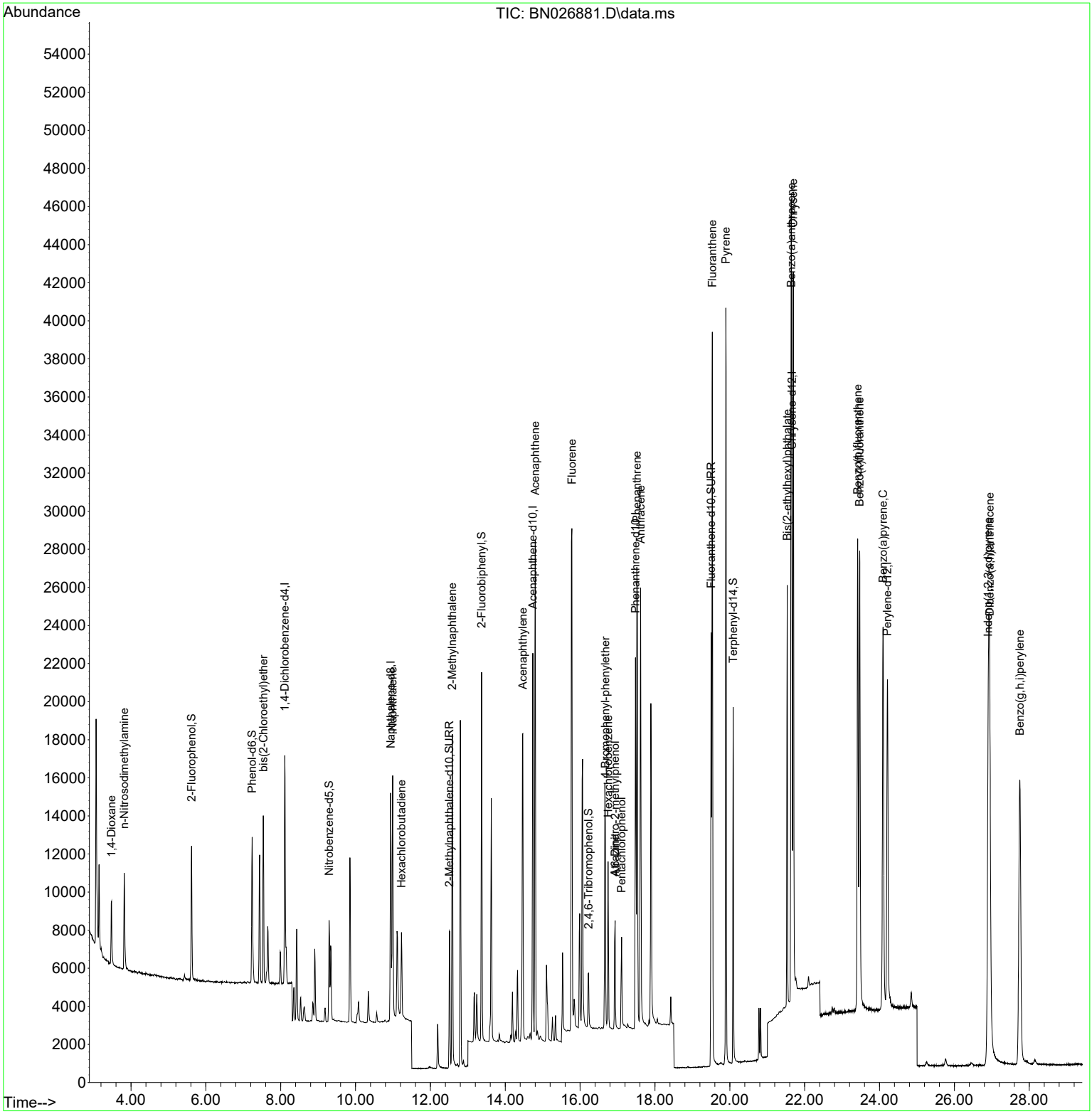
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	6048	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	16926	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	11401	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	26276	0.400	ng		0.00
29) Chrysene-d12	21.659	240	23799	0.400	ng	#	0.00
35) Perylene-d12	24.209	264	27798	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	6126	0.359	ng		0.00
5) Phenol-d6	7.235	99	7581	0.360	ng		0.00
8) Nitrobenzene-d5	9.294	82	4576	0.320	ng		0.00
11) 2-Methylnaphthalene-d10	12.509	152	10252	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	1974	0.325	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	16478	0.389	ng		0.00
27) Fluoranthene-d10	19.500	212	25950	0.385	ng		0.00
31) Terphenyl-d14	20.090	244	18542	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2573	0.396	ng		98
3) n-Nitrosodimethylamine	3.819	42	2839	0.392	ng		98
6) bis(2-Chloroethyl)ether	7.539	93	6829	0.386	ng		100
9) Naphthalene	10.991	128	17365	0.390	ng		100
10) Hexachlorobutadiene	11.226	225	3534	0.388	ng	#	99
12) 2-Methylnaphthalene	12.585	142	13171	0.378	ng		100
16) Acenaphthylene	14.469	152	20634	0.379	ng		99
17) Acenaphthene	14.801	154	13155	0.391	ng		100
18) Fluorene	15.779	166	17639	0.391	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	182	0.442	ng	#	49
21) 4-Bromophenyl-phenylether	16.673	248	5744	0.383	ng		98
22) Hexachlorobenzene	16.748	284	6453	0.403	ng		99
23) Atrazine	16.934	200	4895	0.367	ng		98
24) Pentachlorophenol	17.108	266	2519	0.311	ng		99
25) Phenanthrene	17.517	178	29399	0.389	ng		100
26) Anthracene	17.616	178	26166	0.371	ng		100
28) Fluoranthene	19.532	202	34819	0.389	ng		100
30) Pyrene	19.895	202	35998	0.393	ng		100
32) Benzo(a)anthracene	21.641	228	33170	0.386	ng		99
33) Chrysene	21.694	228	34681	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	20425	0.330	ng		99
36) Indeno(1,2,3-cd)pyrene	26.905	276	44025	0.387	ng	#	86
37) Benzo(b)fluoranthene	23.417	252	35792	0.385	ng		99
38) Benzo(k)fluoranthene	23.469	252	36038	0.377	ng		99
39) Benzo(a)pyrene	24.095	252	35682	0.383	ng		99
40) Dibenzo(a,h)anthracene	26.943	278	35023	0.386	ng		100
41) Benzo(g,h,i)perylene	27.747	276	37907	0.389	ng		99

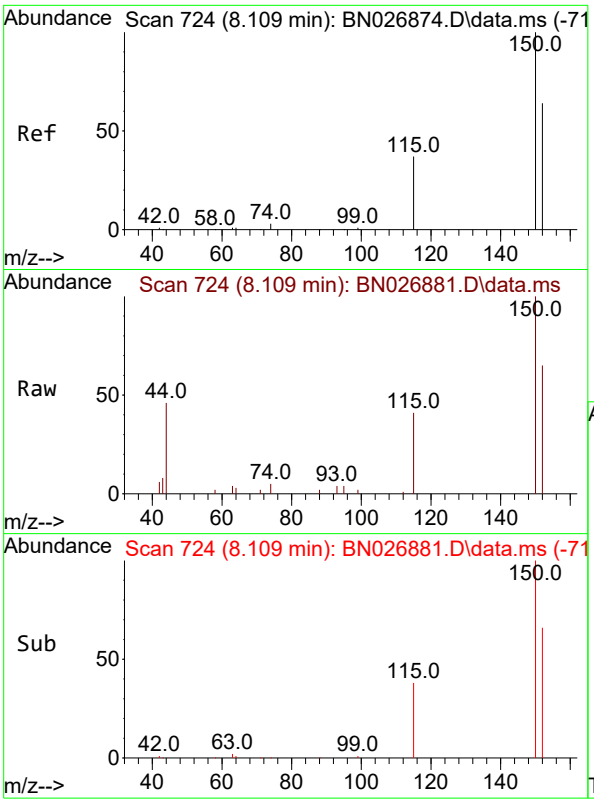
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026881.D
Acq On : 10 Aug 2023 13:39
Operator : MA/JU
Sample : PB154594BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:12:02 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



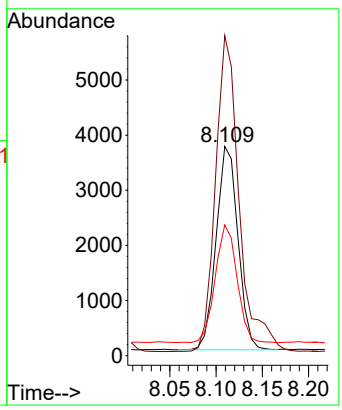


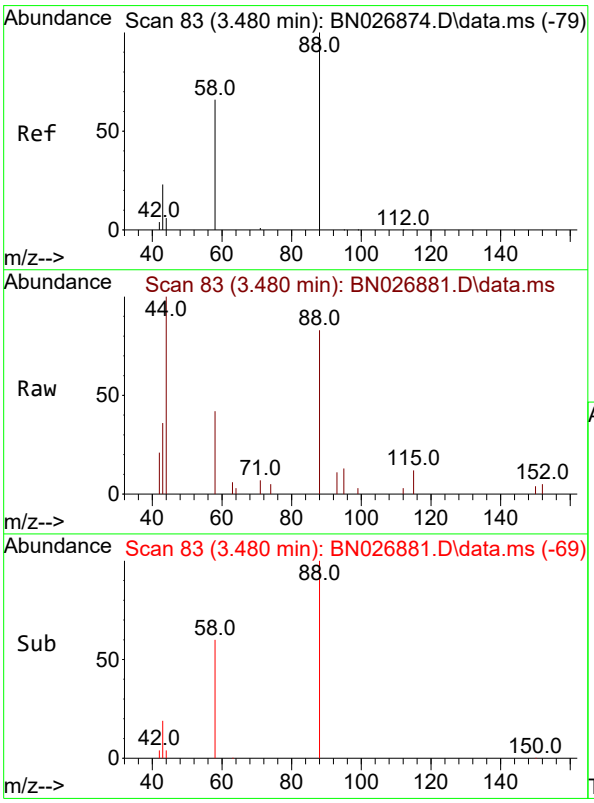
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6048

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	62.5	49.7	74.5

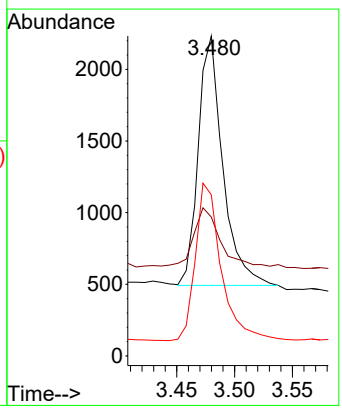


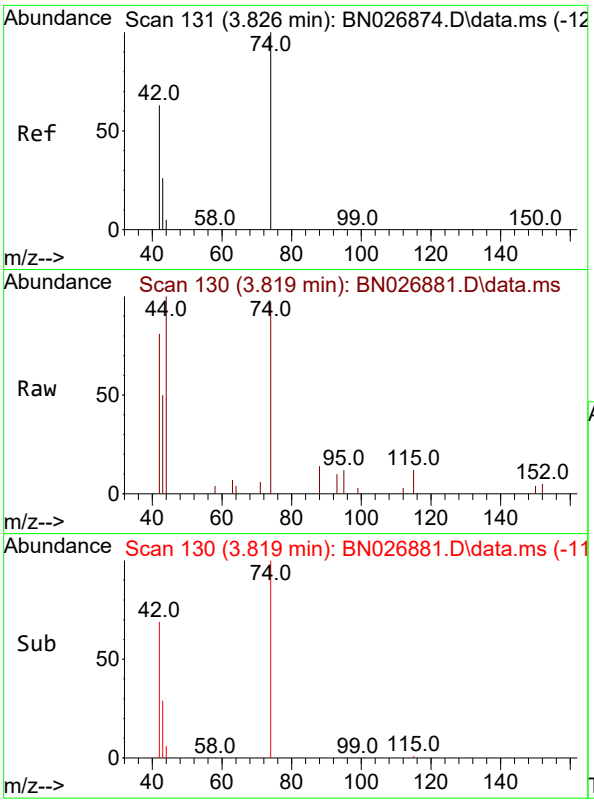


#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.480 min Scan# 83
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion: 88 Resp: 2573

Ion	Ratio	Lower	Upper
88	100		
43	24.3	19.2	28.8
58	66.4	54.5	81.7



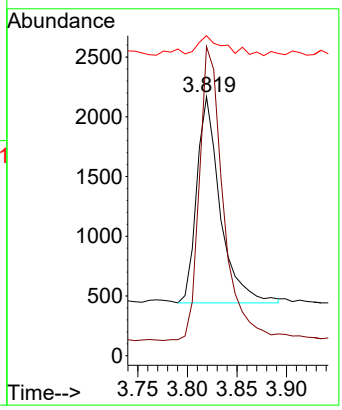


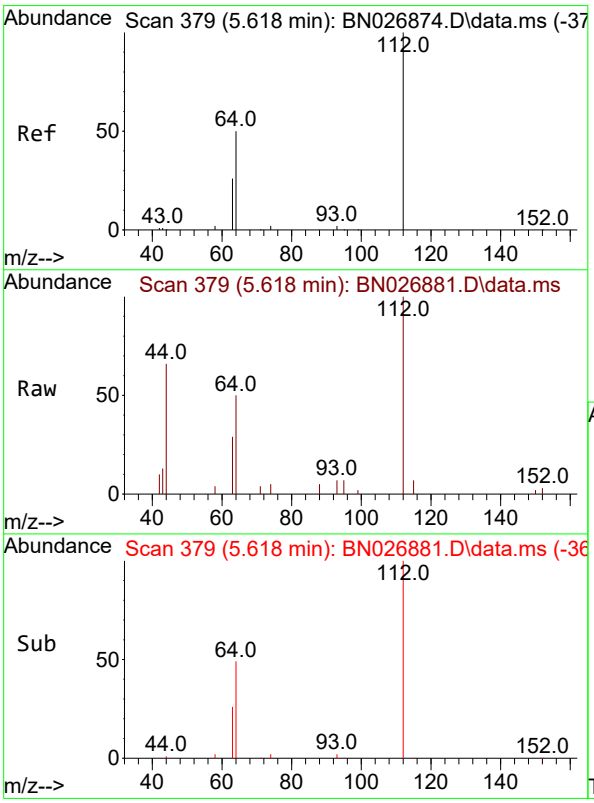
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2839

Ion	Ratio	Lower	Upper
42	100		
74	147.1	119.4	179.2
44	13.0	8.7	13.1

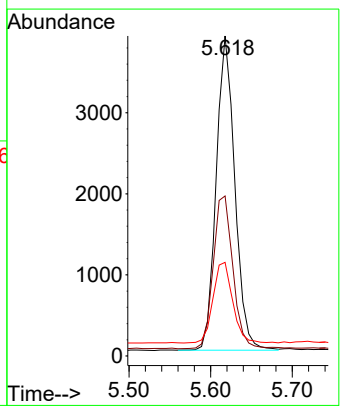


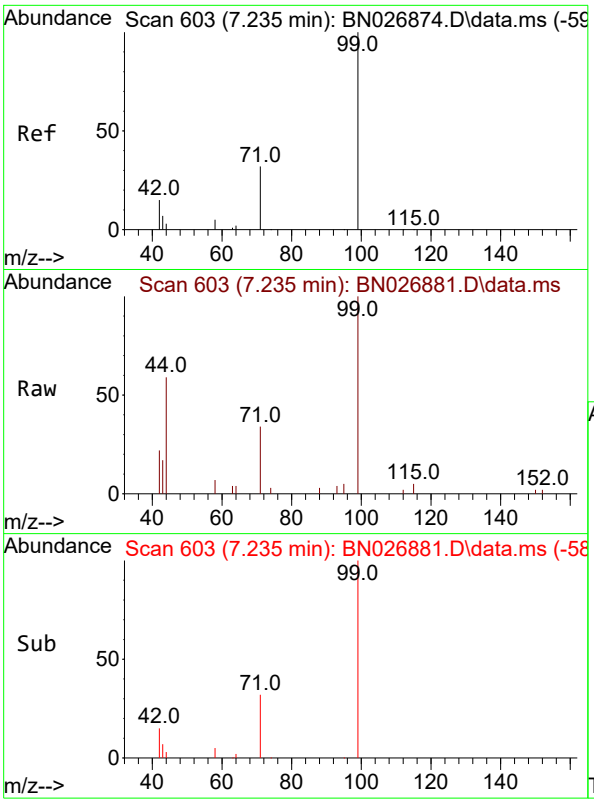


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:112 Resp: 6126

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.5	62.3
63	27.0	21.7	32.5



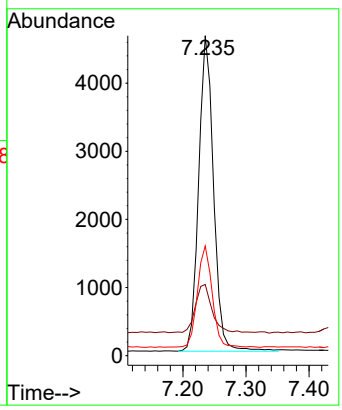


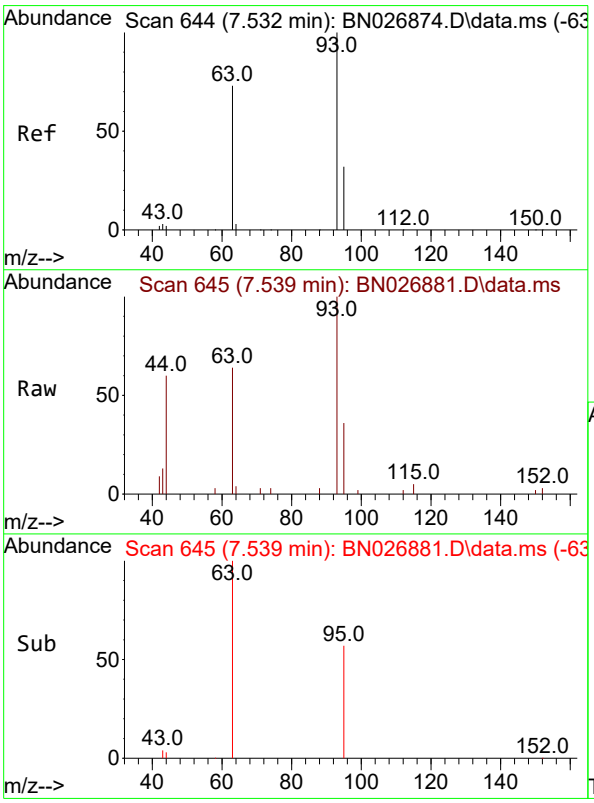
#5
Phenol-d6
Concen: 0.360 ng
RT: 7.235 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7581

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	31.9	26.0	39.0

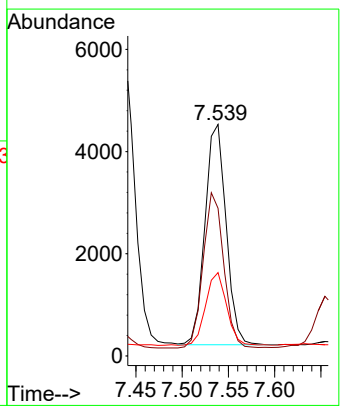


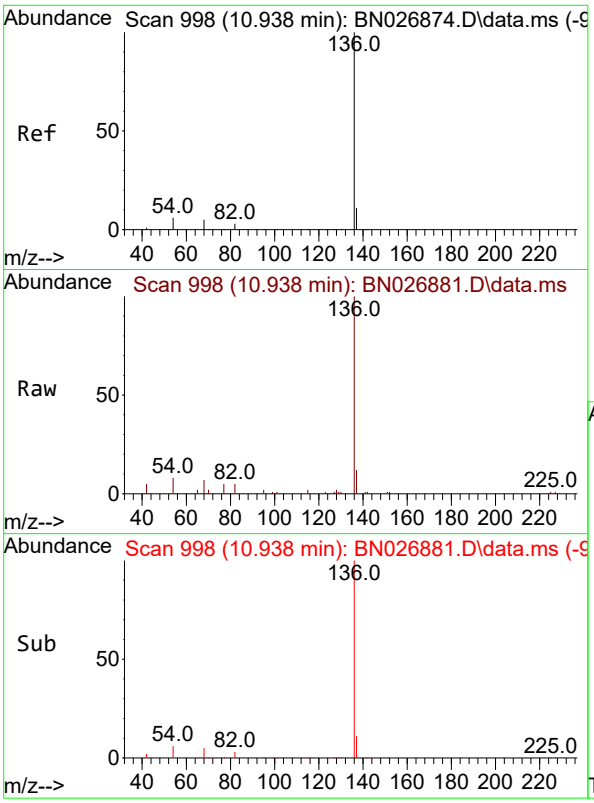


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.539 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion: 93 Resp: 6829

Ion	Ratio	Lower	Upper
93	100		
63	69.0	55.0	82.4
95	33.0	26.2	39.2



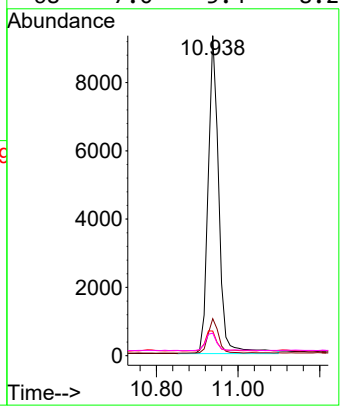


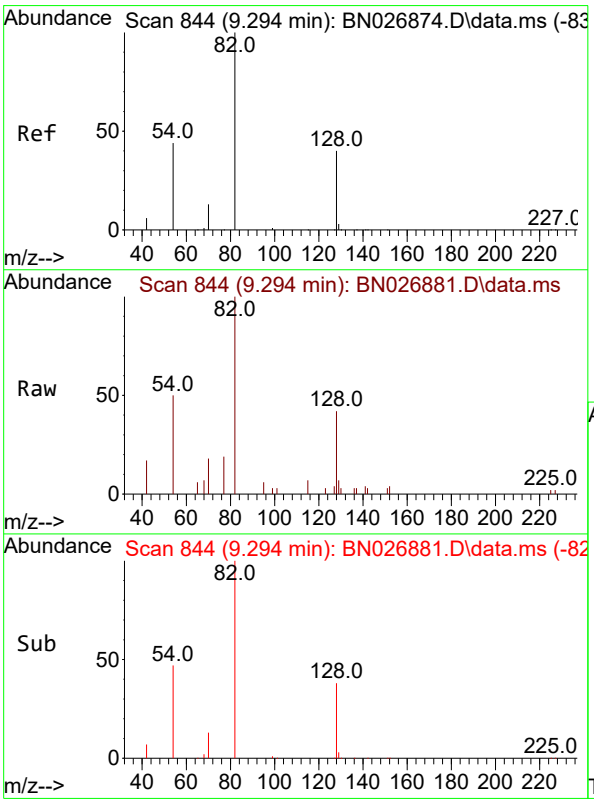
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16926

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.7	5.5	8.3
68	7.0	5.4	8.2

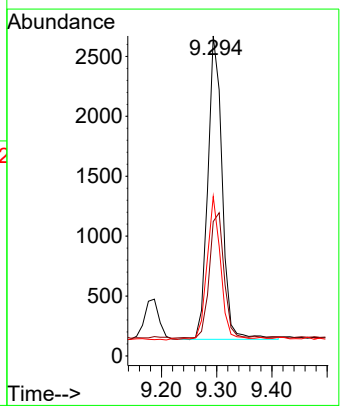


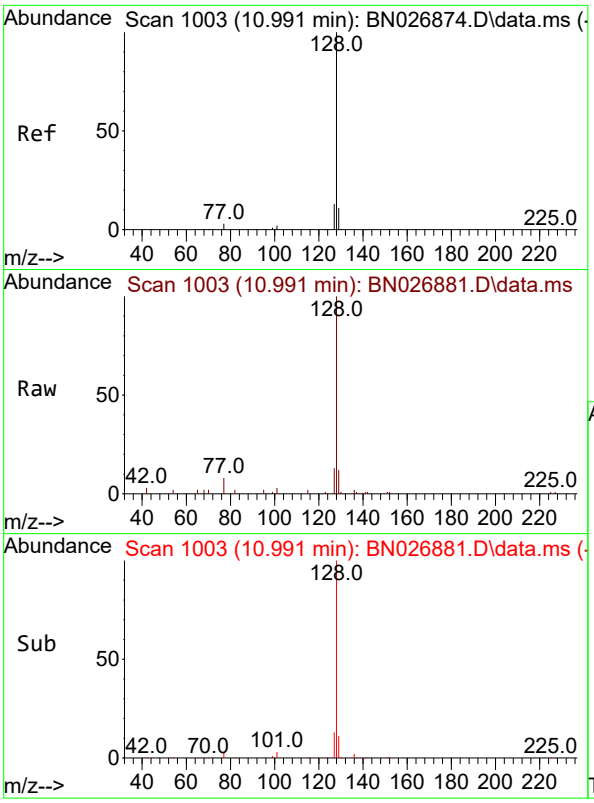


#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion: 82 Resp: 4576

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.1	51.1
54	49.8	37.0	55.4



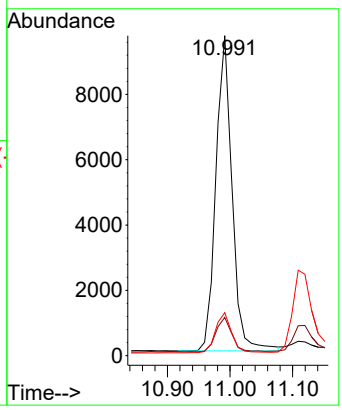


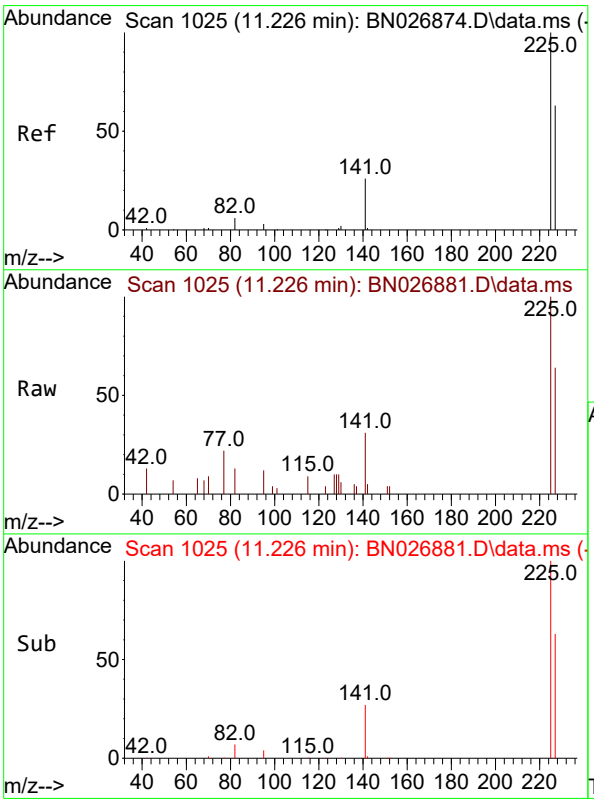
#9
Naphthalene
Concen: 0.390 ng
RT: 10.991 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 17365

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.4	10.6	16.0

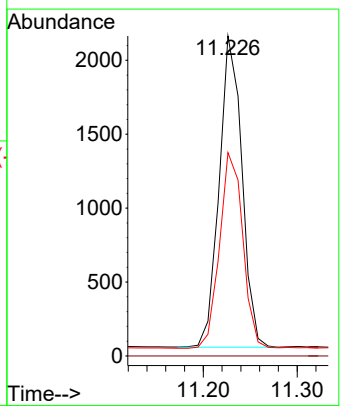


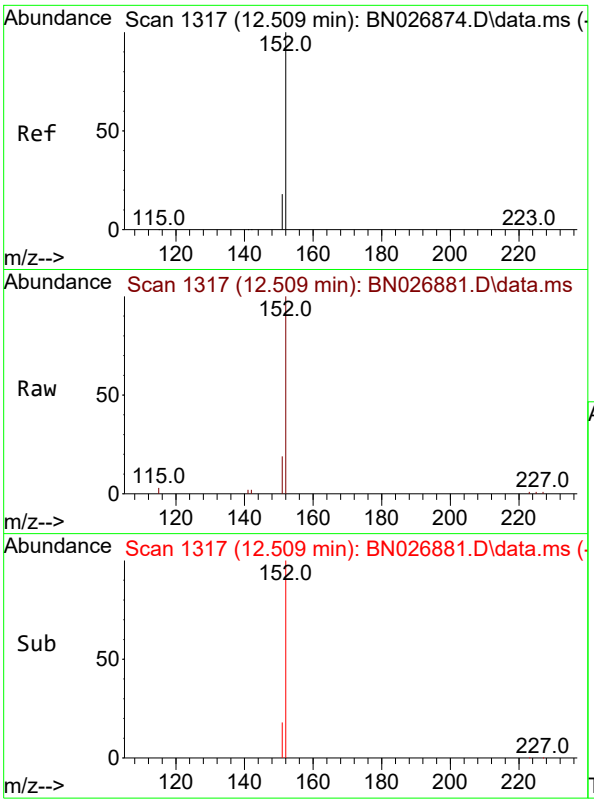


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 11.226 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:225 Resp: 3534

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.8	76.2



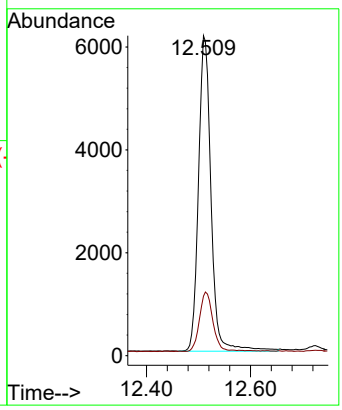


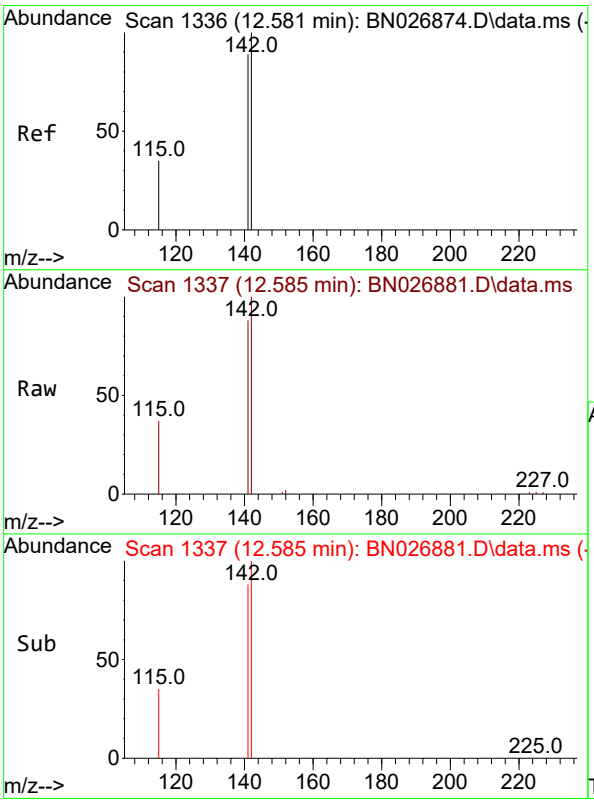
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.509 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10252

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5

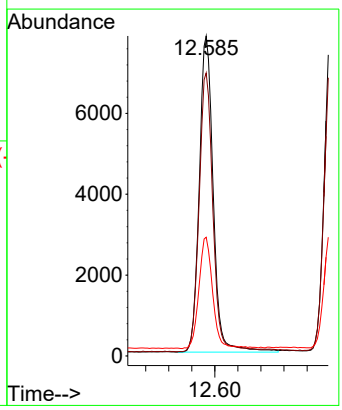


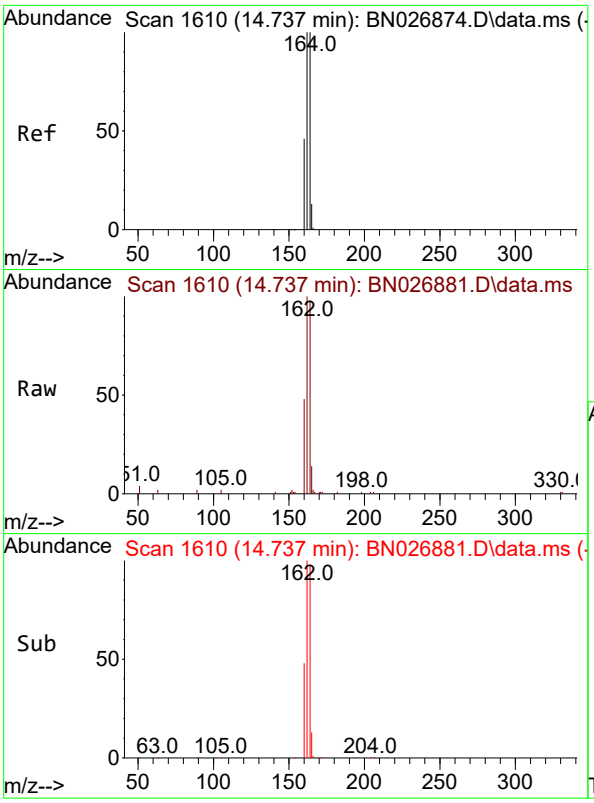


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.585 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:142 Resp: 13171

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	37.1	29.4	44.2



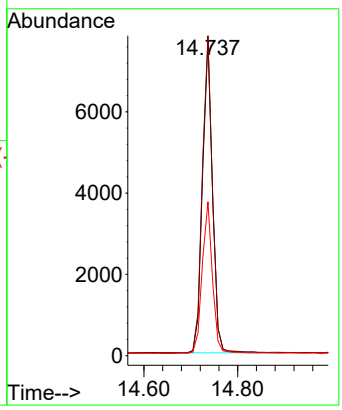


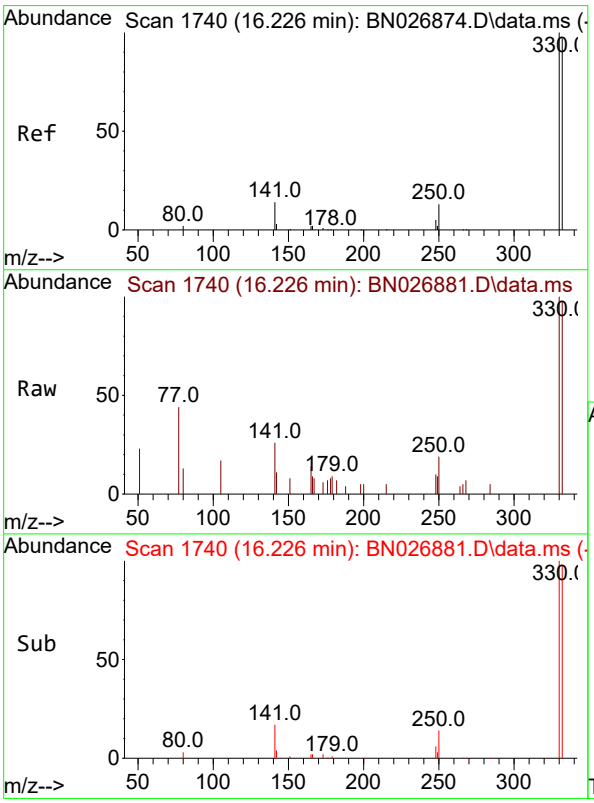
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11401

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.7	119.5
160	48.9	37.4	56.0

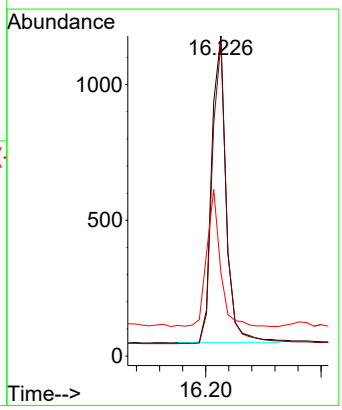


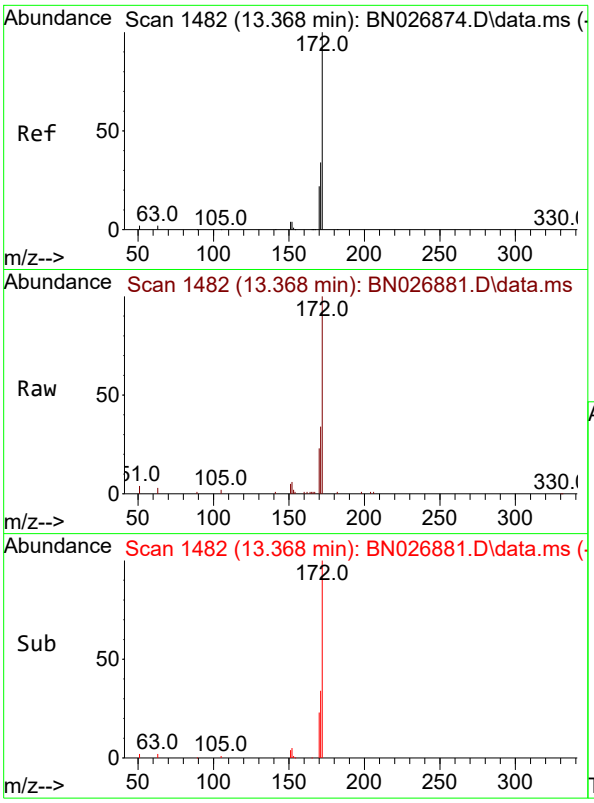


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:330 Resp: 1974

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	41.3	32.3	48.5



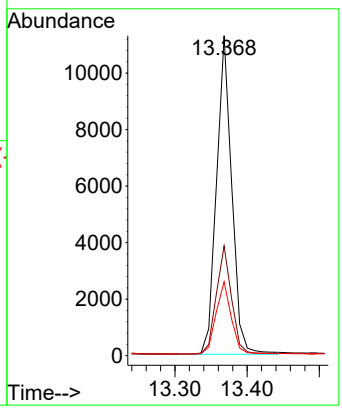


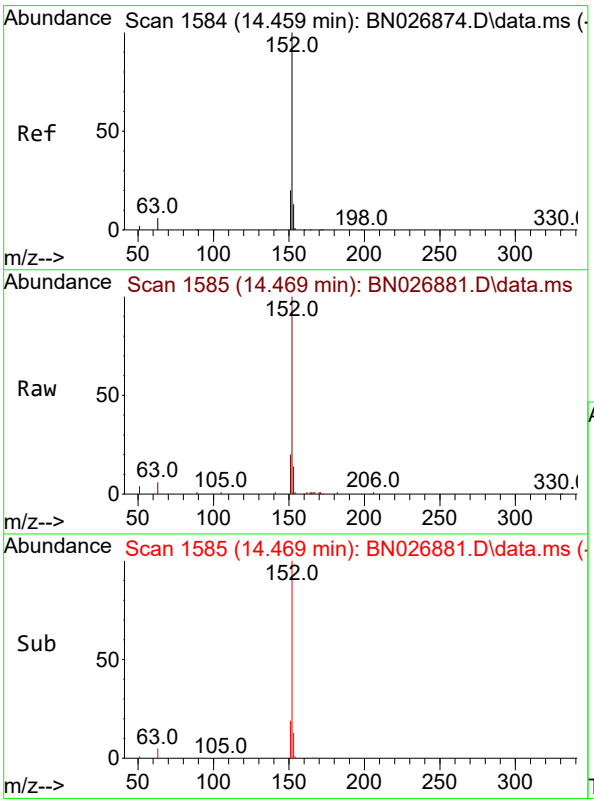
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.368 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16478

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

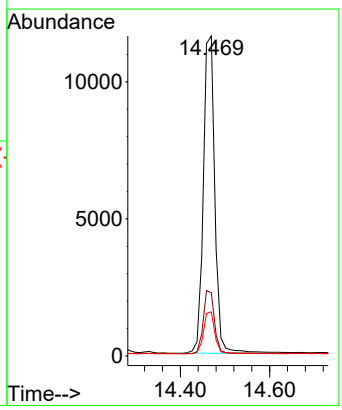


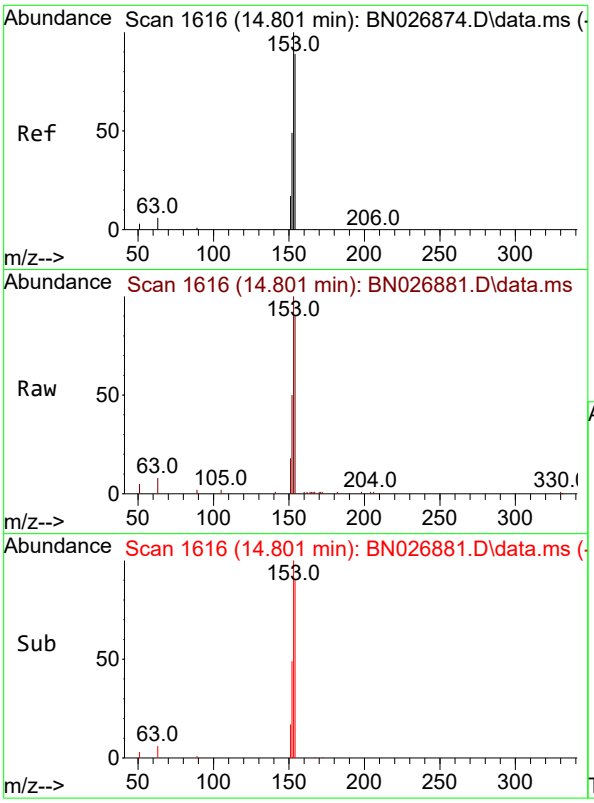


#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.469 min Scan# 1585
Delta R.T. 0.011 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:152 Resp: 20634

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.0	10.5	15.7



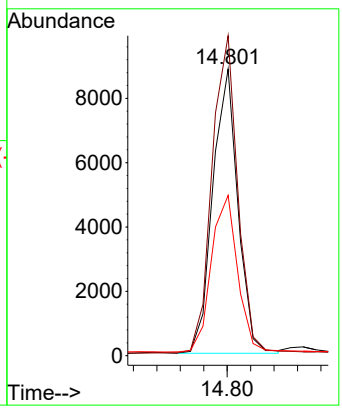


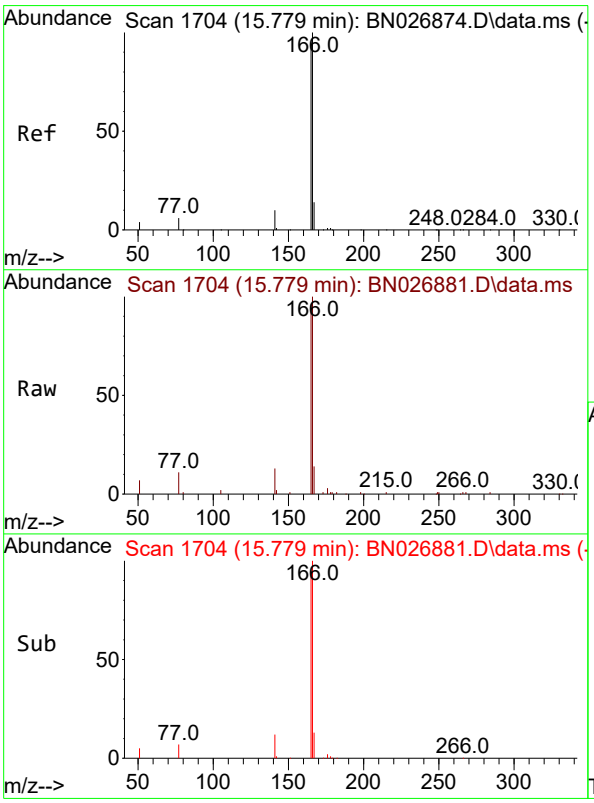
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13155

Ion	Ratio	Lower	Upper
154	100		
153	115.1	92.0	138.0
152	58.2	46.2	69.2

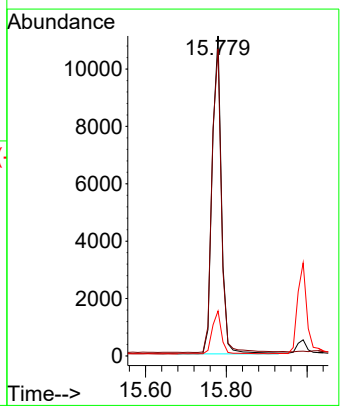


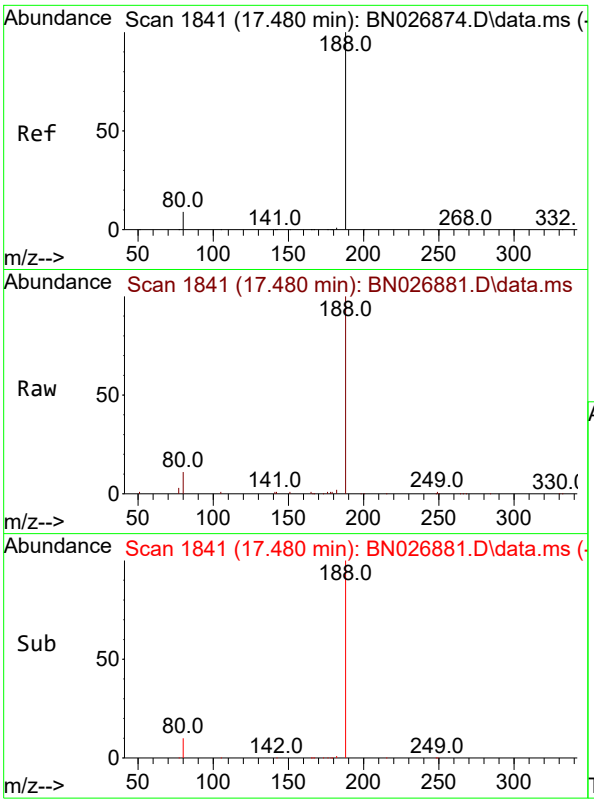


#18
Fluorene
Concen: 0.391 ng
RT: 15.779 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:166 Resp: 17639

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.2
167	13.3	10.9	16.3



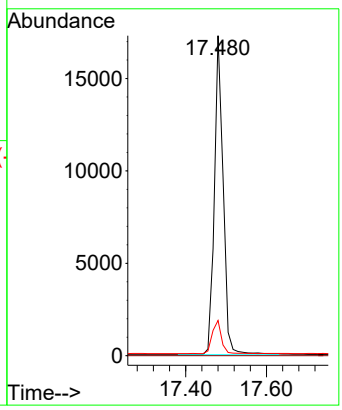


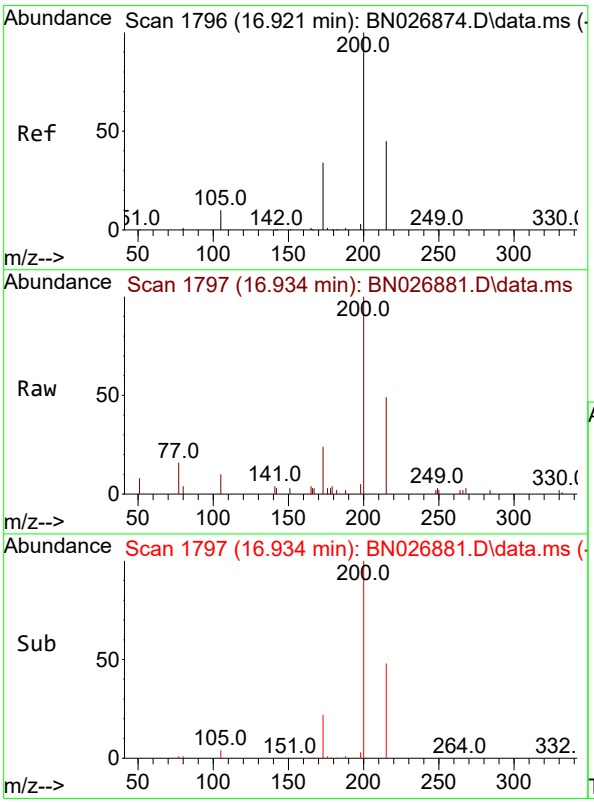
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 26276

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.4	11.2

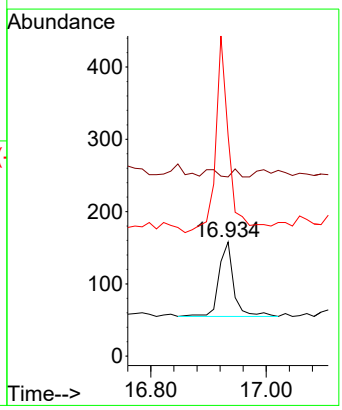


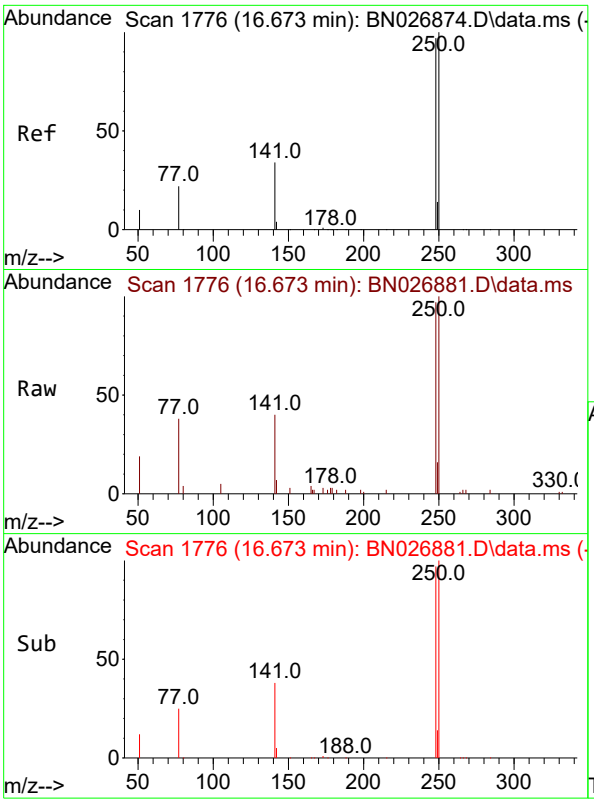


#20
4,6-Dinitro-2-methylphenol
Concen: 0.442 ng
RT: 16.934 min Scan# 1797
Delta R.T. 0.012 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:198 Resp: 182

Ion	Ratio	Lower	Upper
198	100		
51	157.0	143.8	215.8
105	193.0	273.5	410.3#



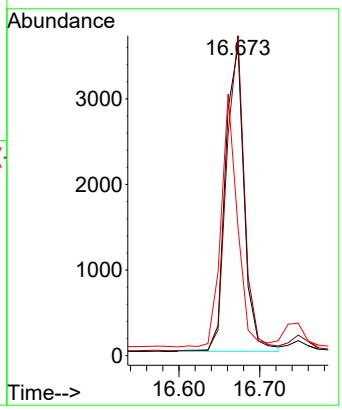


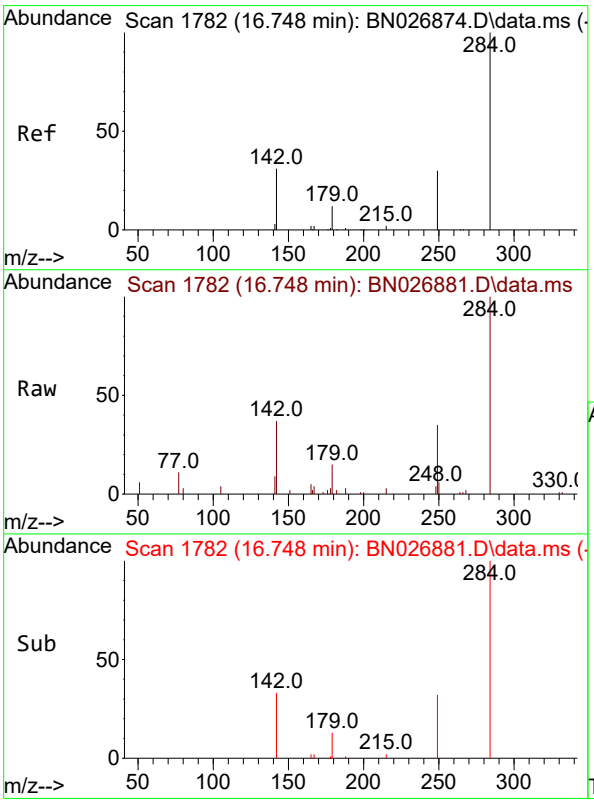
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.673 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 5744

Ion	Ratio	Lower	Upper
248	100		
250	103.6	83.0	124.4
141	41.4	29.9	44.9

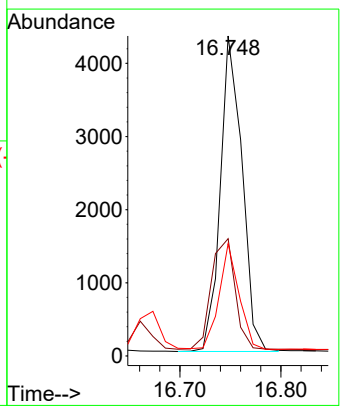


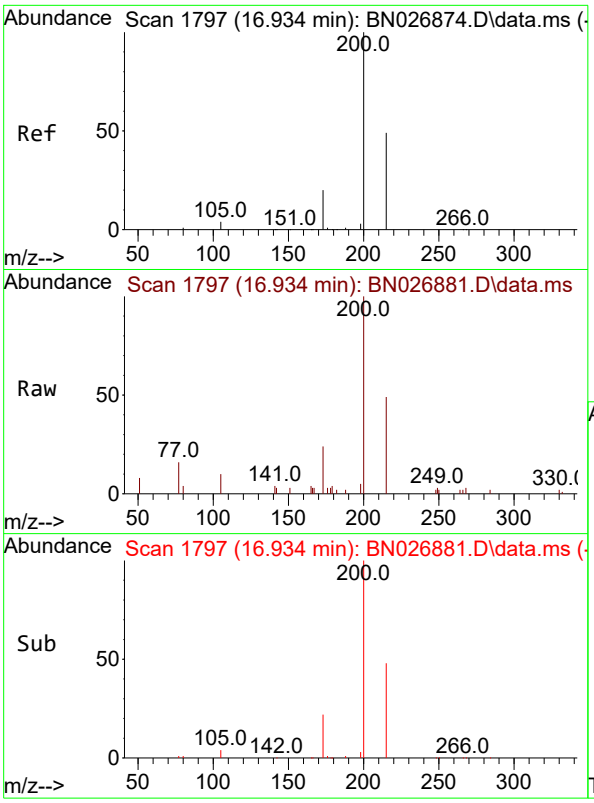


#22
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.748 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:284 Resp: 6453

Ion	Ratio	Lower	Upper
284	100		
142	38.2	30.0	45.0
249	30.6	24.4	36.6



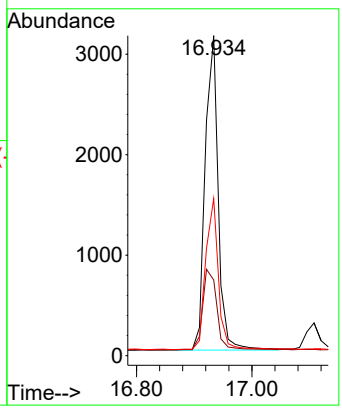


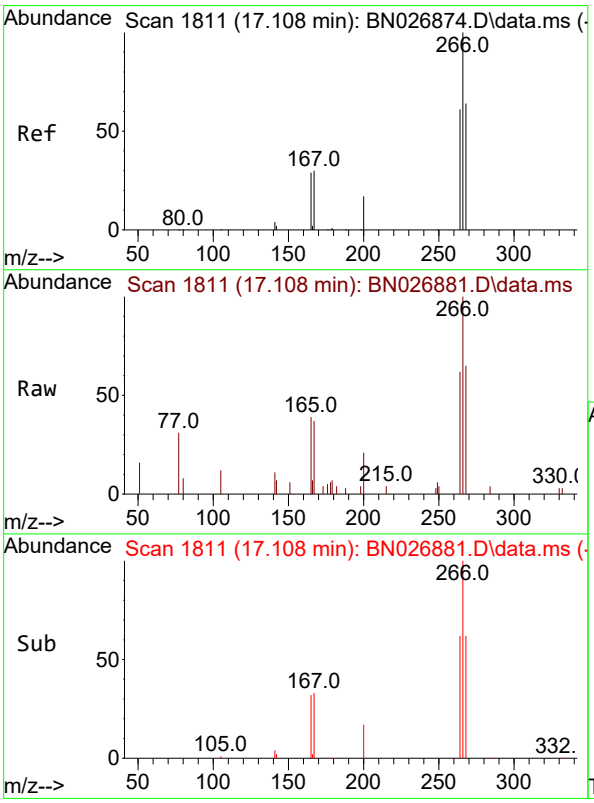
#23
Atrazine
Concen: 0.367 ng
RT: 16.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 4895

Ion	Ratio	Lower	Upper
200	100		
173	23.6	17.1	25.7
215	49.1	39.6	59.4

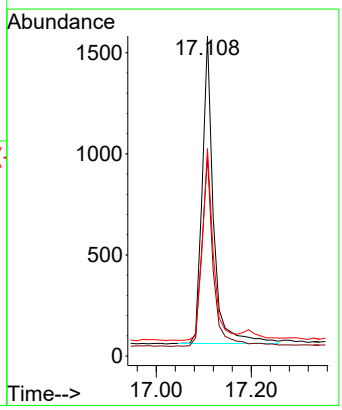


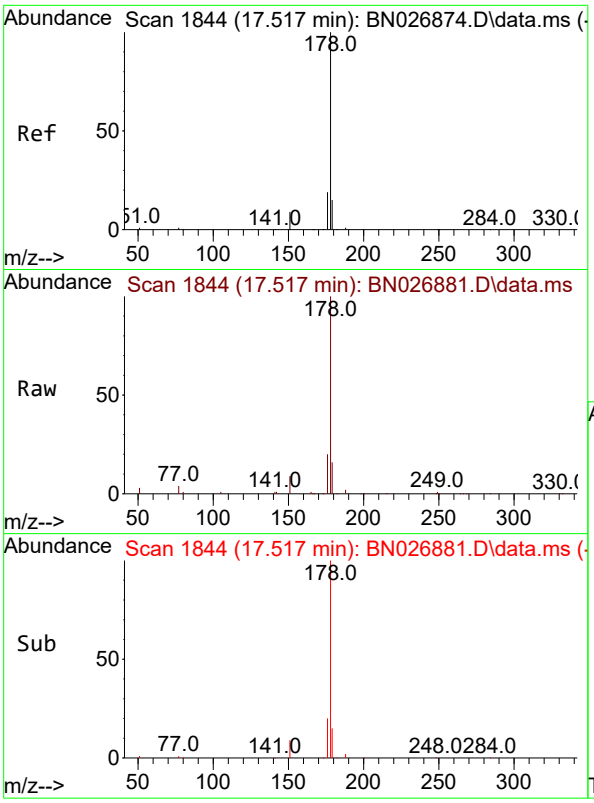


#24
Pentachlorophenol
Concen: 0.311 ng
RT: 17.108 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:266 Resp: 2519

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.7	74.5
268	60.4	49.3	73.9



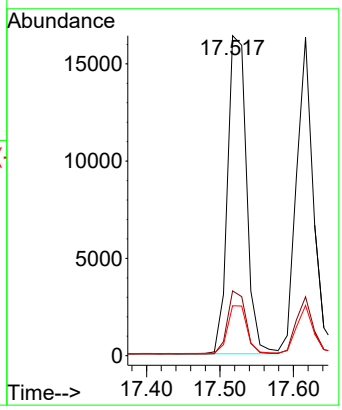


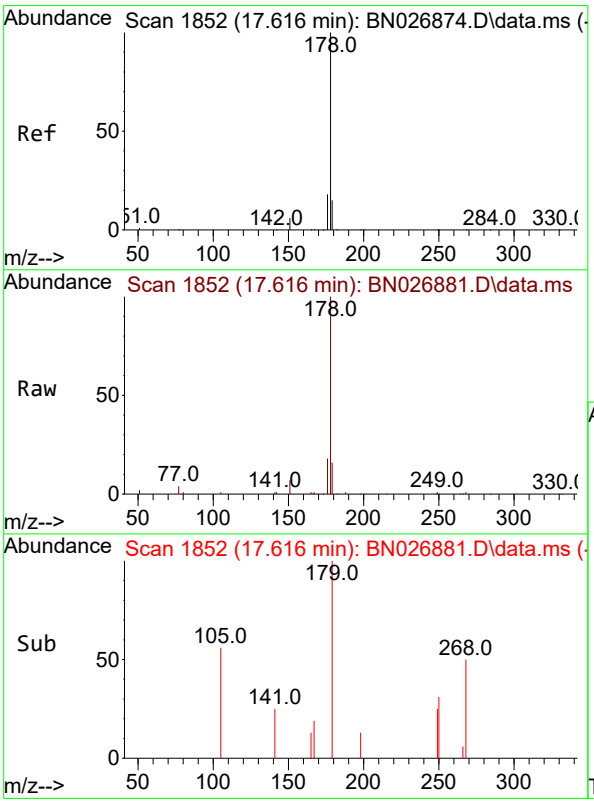
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 29399

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

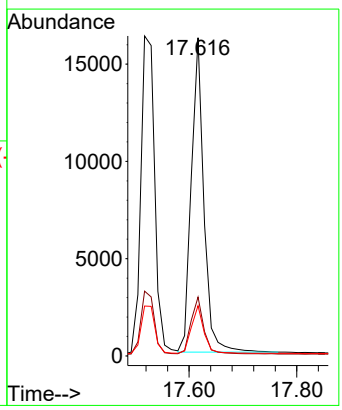


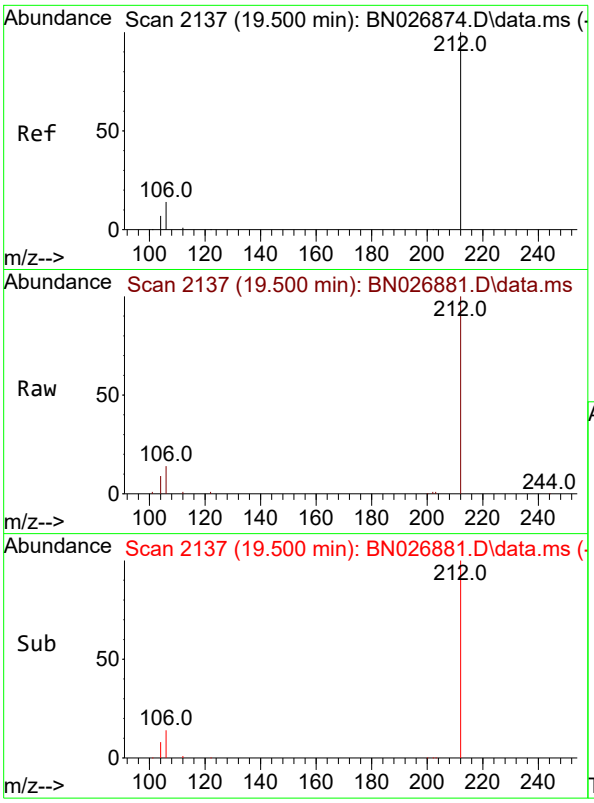


#26
Anthracene
Concen: 0.371 ng
RT: 17.616 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:178 Resp: 26166

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.2	12.1	18.1



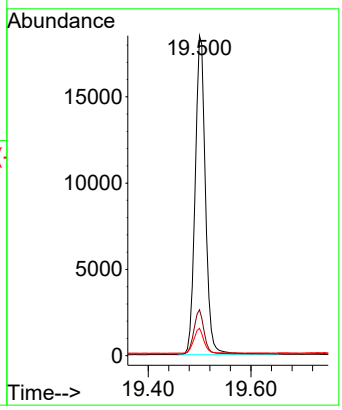


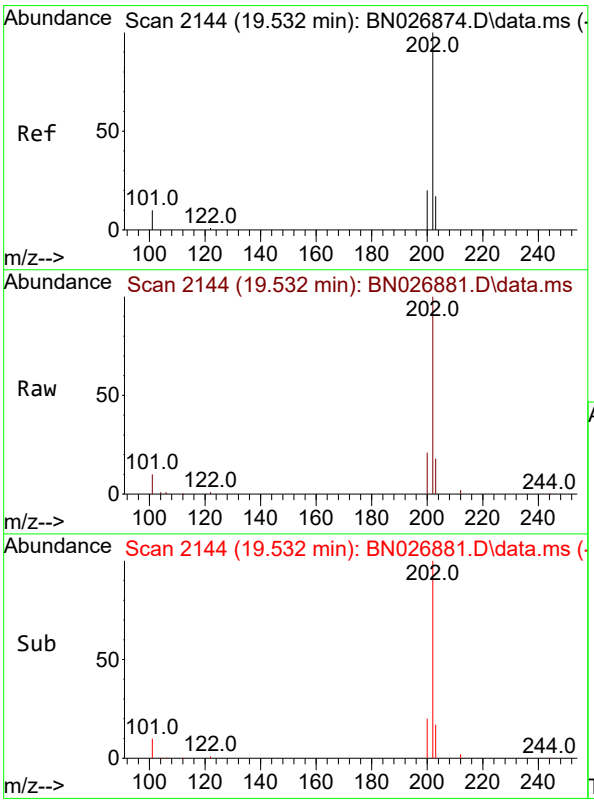
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 25950

Ion	Ratio	Lower	Upper
212	100		
106	13.8	10.9	16.3
104	7.6	5.9	8.9

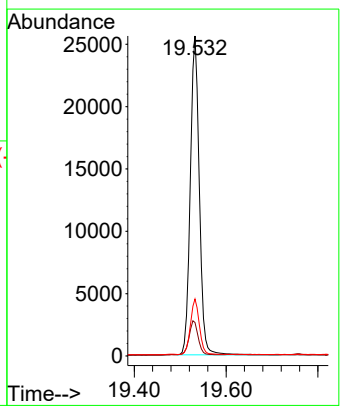


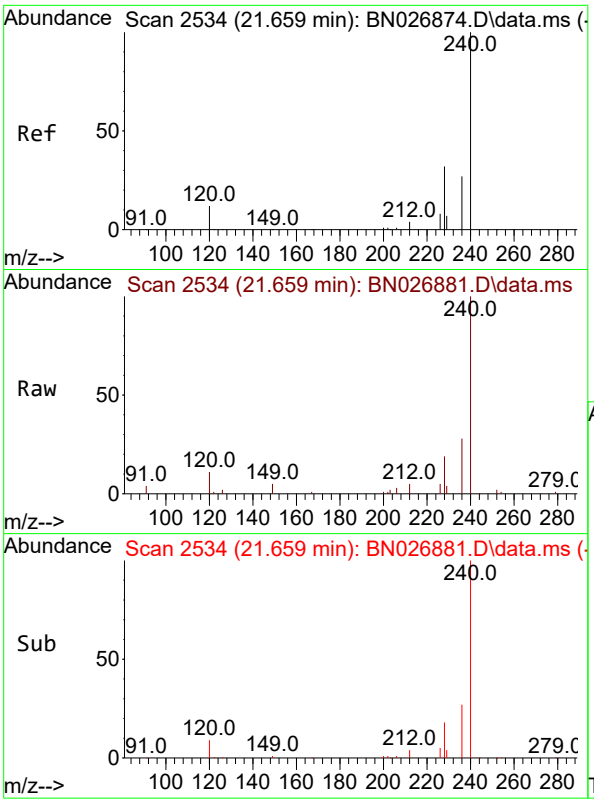


#28
Fluoranthene
Concen: 0.389 ng
RT: 19.532 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:202 Resp: 34819

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	17.2	13.7	20.5



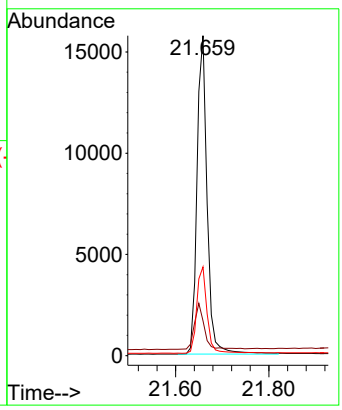


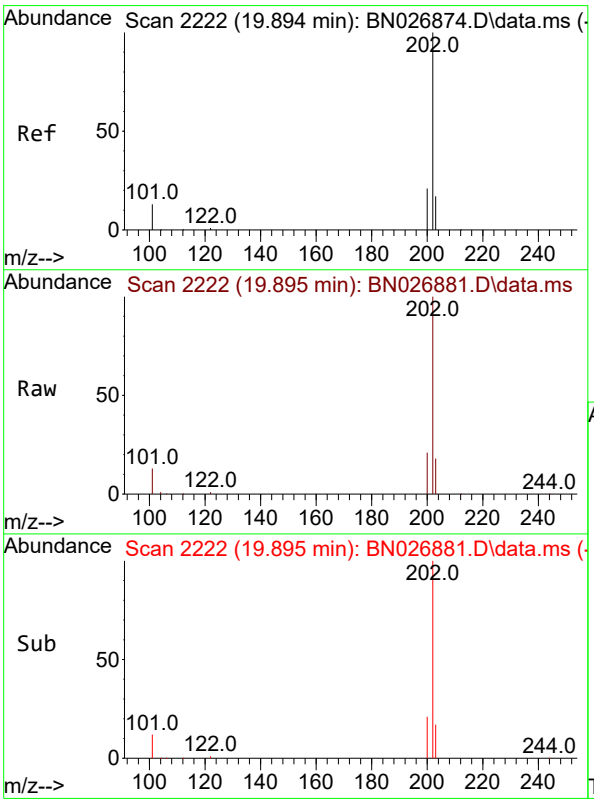
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23799

Ion	Ratio	Lower	Upper
240	100		
120	10.9	11.1	16.7#
236	27.8	22.2	33.2

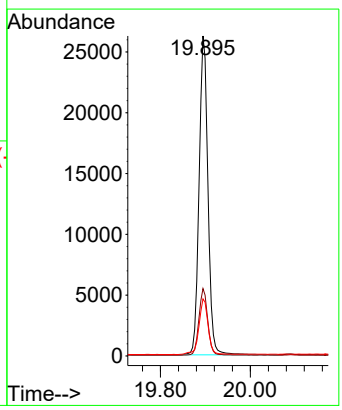


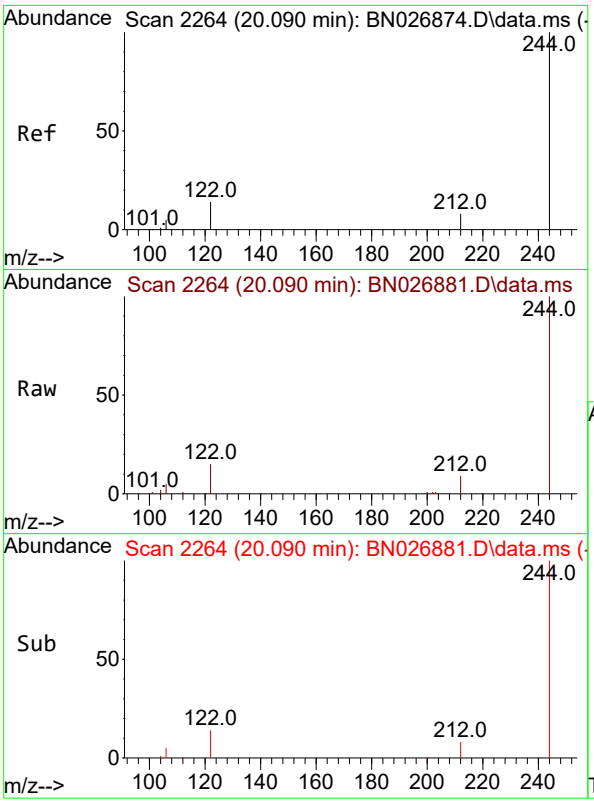


#30
Pyrene
Concen: 0.393 ng
RT: 19.895 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:202 Resp: 35998

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



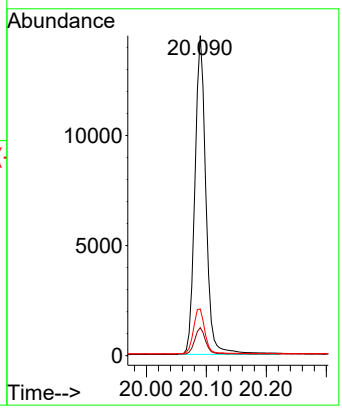


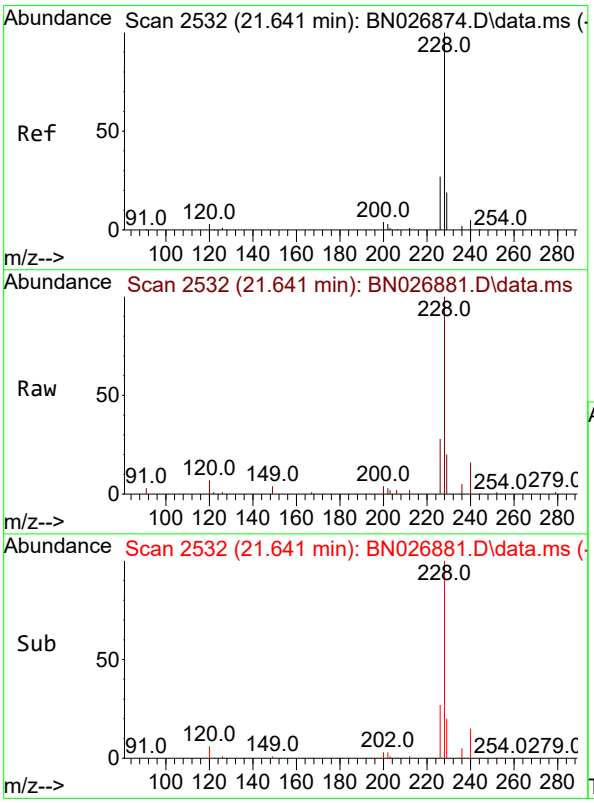
#31
Terphenyl-d14
Concen: 0.373 ng
RT: 20.090 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 18542

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	14.6	11.9	17.9

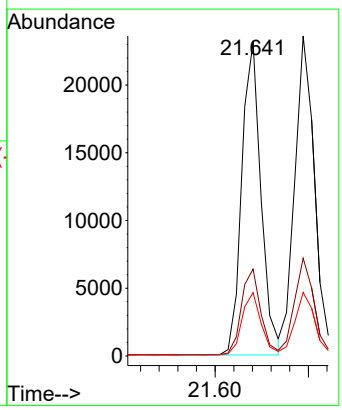


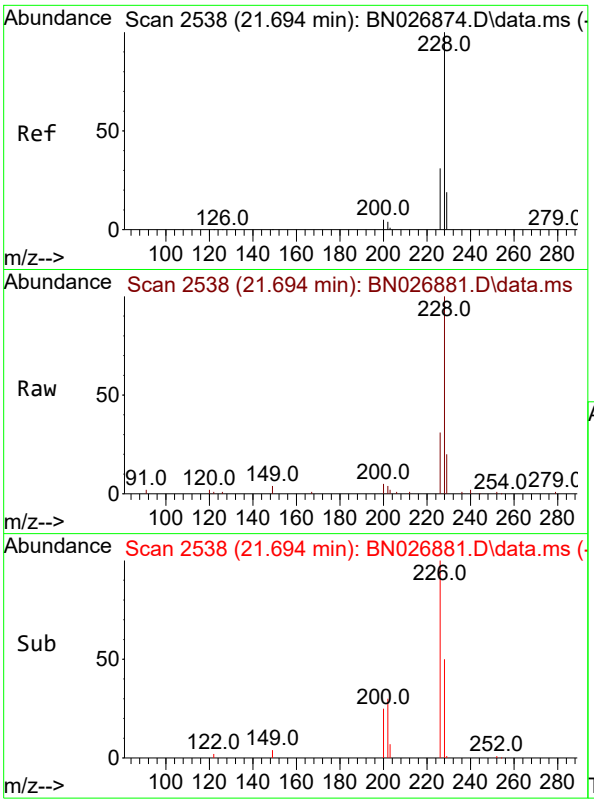


#32
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:228 Resp: 33170

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.1	15.5	23.3



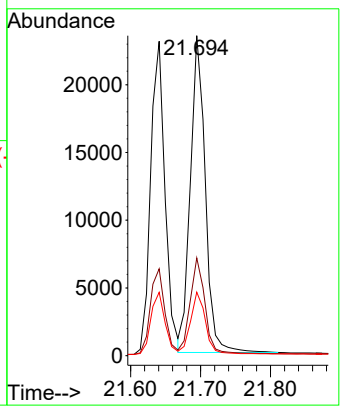


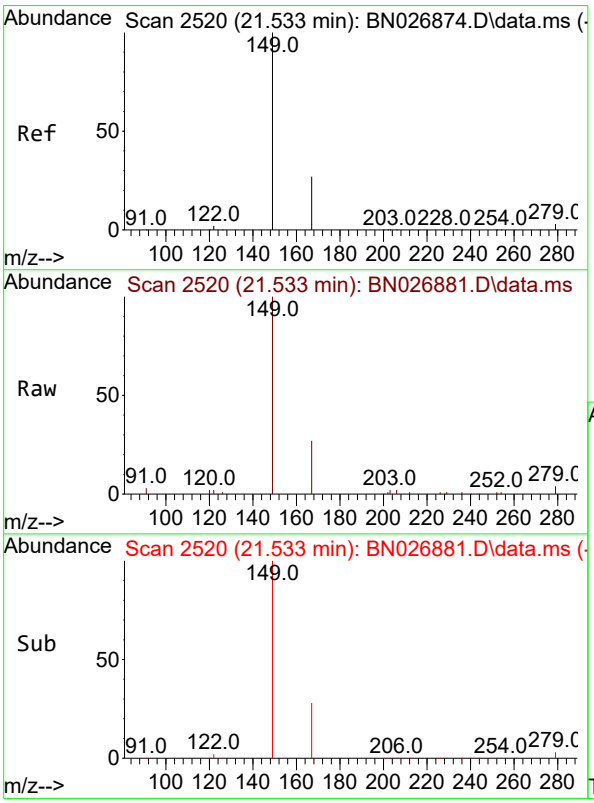
#33
Chrysene
Concen: 0.400 ng
RT: 21.694 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 34681

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	19.8	15.5	23.3

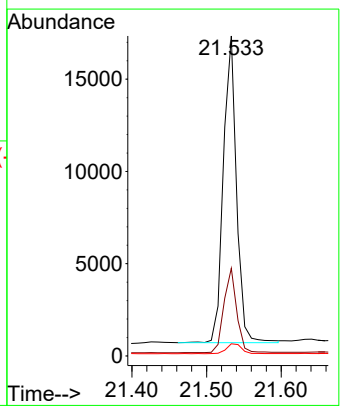


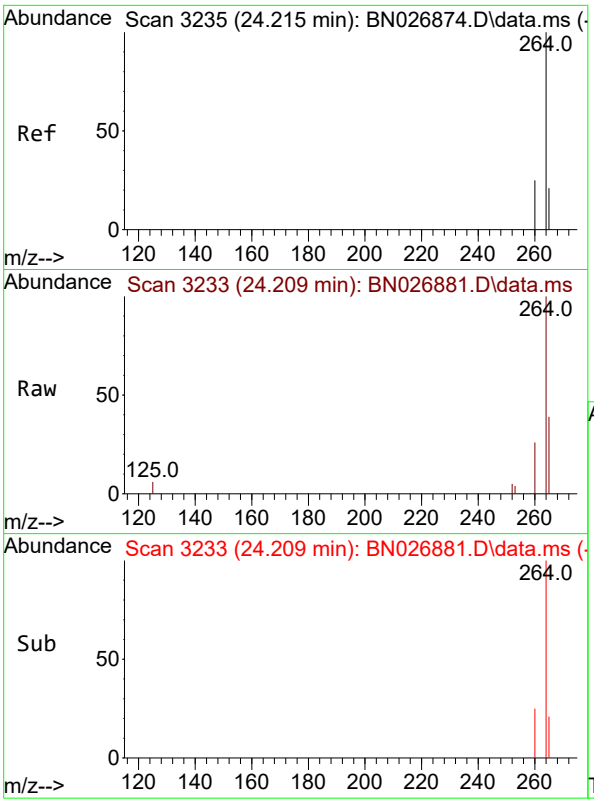


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:149 Resp: 20425

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.7	3.6	5.4



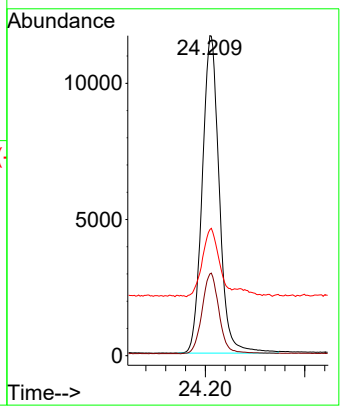


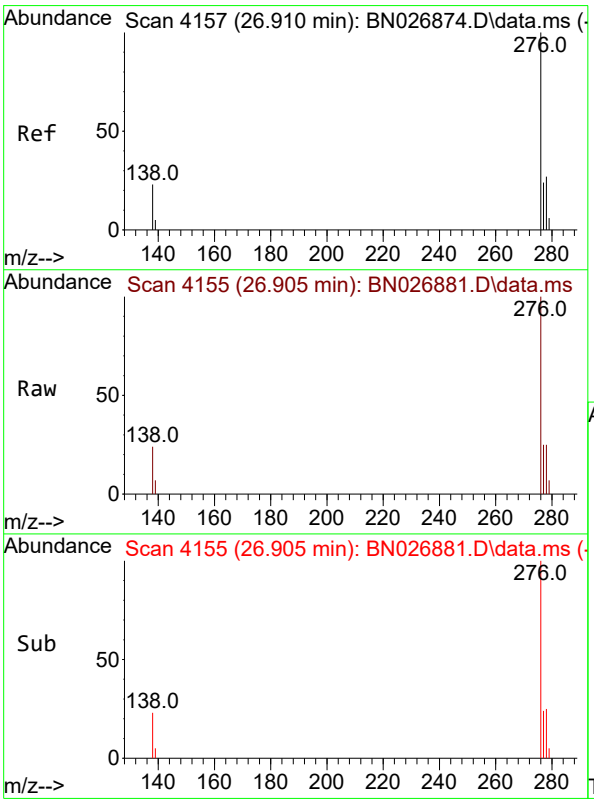
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.209 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 27798

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	39.4	27.0	40.6

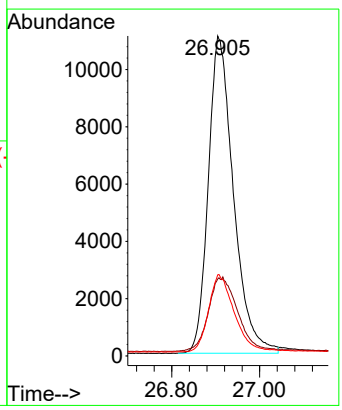


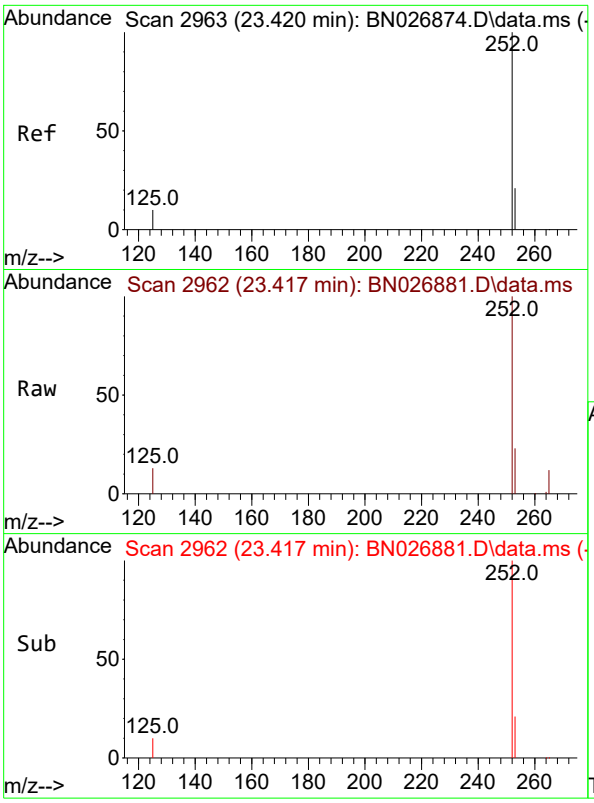


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 26.905 min Scan# 4155
Delta R.T. -0.006 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:276 Resp: 44025

Ion	Ratio	Lower	Upper
276	100		
138	12.3	21.1	31.7#
277	24.6	19.9	29.9



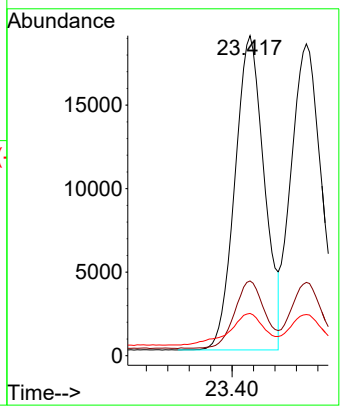


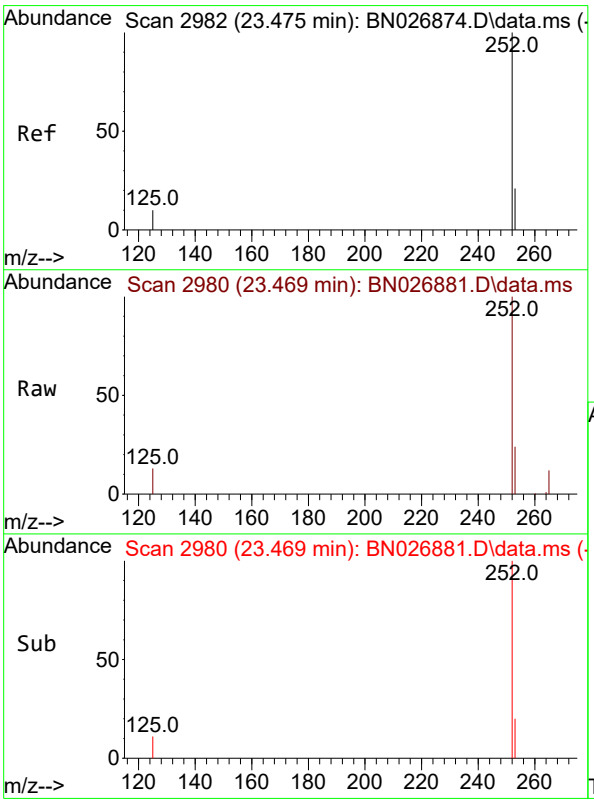
#37
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.417 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 35792

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	13.2	10.2	15.2

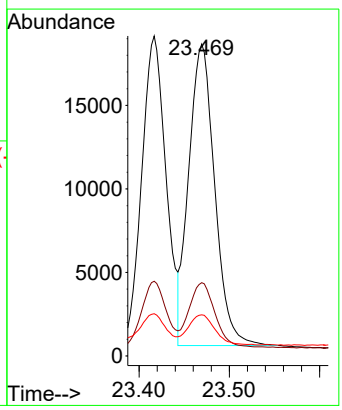


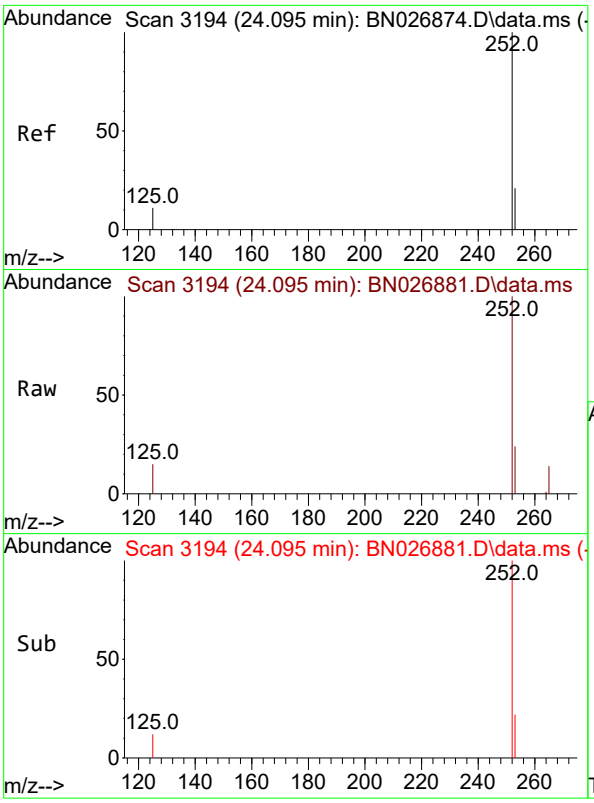


#38
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.469 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:252 Resp: 36038

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



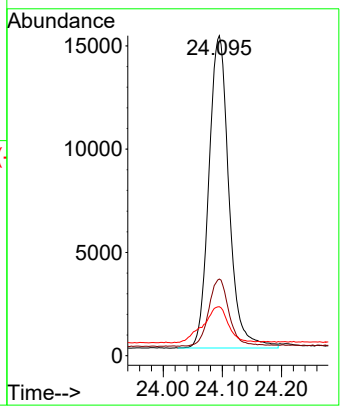


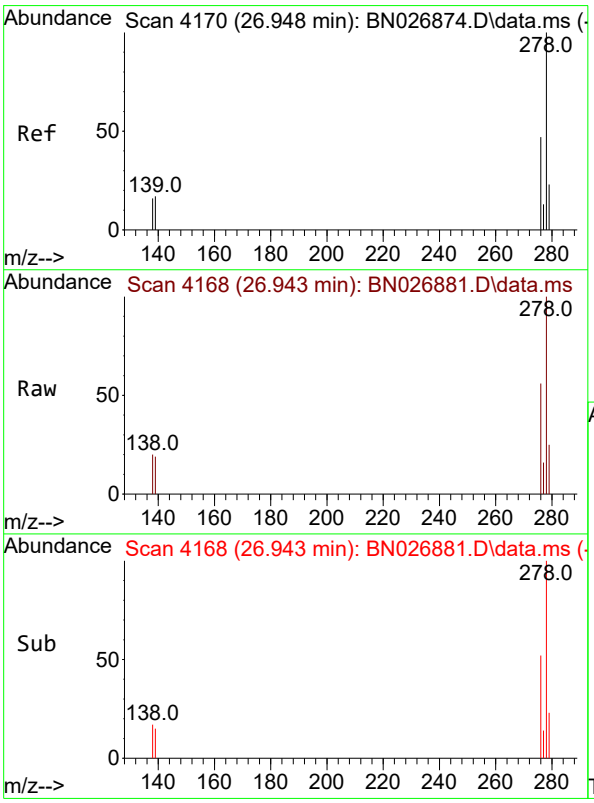
#39
Benzo(a)pyrene
Concen: 0.383 ng
RT: 24.095 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 35682

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	28.0
125	15.3	11.7	17.5

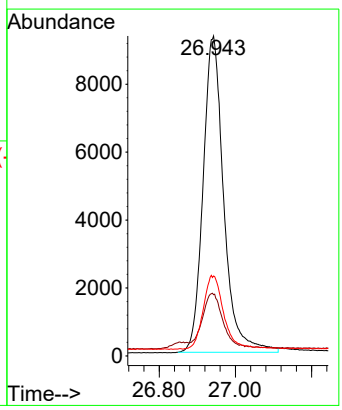


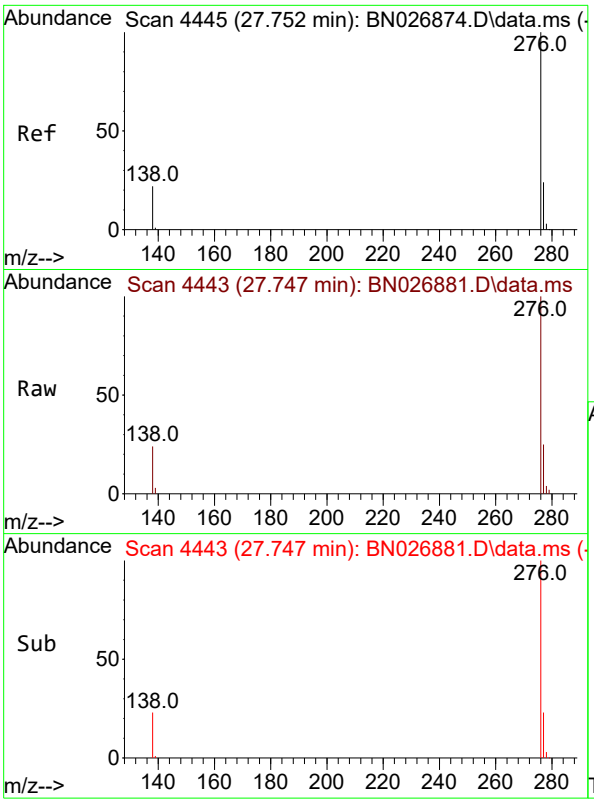


#40
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.943 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Tgt Ion:278 Resp: 35023

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.3	22.9
279	25.0	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 27.747 min Scan# 44
Delta R.T. -0.006 min
Lab File: BN026881.D
Acq: 10 Aug 2023 13:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37907

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	24.3	19.0	28.4