Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026885.D
Acq On : 10 Aug 2023 16:08
Operator : MA/JU
Sample : 03862-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:13:02 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	6761	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	17305	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	12312	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	28743	0.400	ng		0.00
29) Chrysene-d12	21.659	240	25825	0.400	ng		0.00
35) Perylene-d12	24.212	264	28882	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	6786	0.356	ng		0.00
5) Phenol-d6	7.235	99	8383	0.356	ng		0.00
8) Nitrobenzene-d5	9.294	82	5405	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	11097	0.403	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	2016	0.308	ng		-0.01
15) 2-Fluorobiphenyl	13.368	172	18113	0.396	ng		0.00
27) Fluoranthene-d10	19.500	212	28501	0.387	ng		0.00
31) Terphenyl-d14	20.090	244	20122	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2840	0.391	ng		98
3) n-Nitrosodimethylamine	3.819	42	3174	0.392	ng		97
6) bis(2-Chloroethyl)ether	7.539	93	7710	0.390	ng		100
9) Naphthalene	10.992	128	17837	0.392	ng		99
10) Hexachlorobutadiene	11.226	225	3854	0.414	ng	#	100
12) 2-Methylnaphthalene	12.585	142	14280	0.401	ng		100
16) Acenaphthylene	14.459	152	21951	0.374	ng		100
17) Acenaphthene	14.801	154	14243	0.392	ng		99
18) Fluorene	15.780	166	19365	0.397	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	193	0.428	ng	#	56
21) 4-Bromophenyl-phenylether	16.673	248	6293	0.383	ng		99
22) Hexachlorobenzene	16.748	284	6981	0.398	ng		98
23) Atrazine	16.934	200	5125	0.351	ng		99
24) Pentachlorophenol	17.108	266	2645	0.299	ng		98
25) Phenanthrene	17.517	178	32258	0.390	ng		100
26) Anthracene	17.617	178	27891	0.362	ng		100
28) Fluoranthene	19.532	202	37950	0.388	ng		100
30) Pyrene	19.895	202	39386	0.396	ng		100
32) Benzo(a)anthracene	21.641	228	35328	0.379	ng		99
33) Chrysene	21.695	228	37410	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	20501	0.305	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.905	276	46844	0.396	ng		99
37) Benzo(b)fluoranthene	23.417	252	38136	0.395	ng		99
38) Benzo(k)fluoranthene	23.469	252	38719	0.390	ng		99
39) Benzo(a)pyrene	24.095	252	37927	0.392	ng		99
40) Dibenzo(a,h)anthracene	26.940	278	37093	0.394	ng		99
41) Benzo(g,h,i)perylene	27.747	276	39803	0.393	ng		99

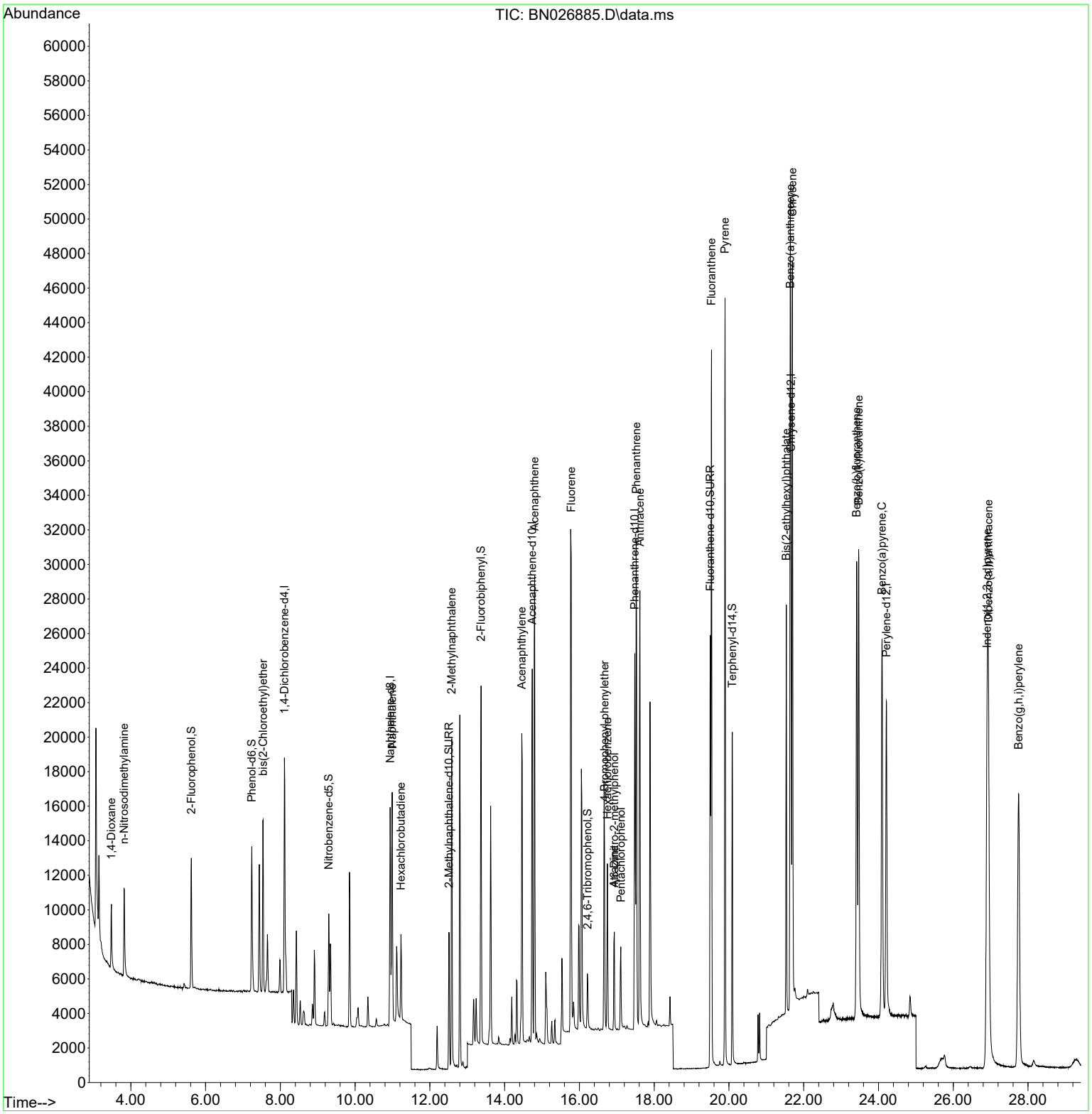
(#) = qualifier out of range (m) = manual integration (+) = signals summed

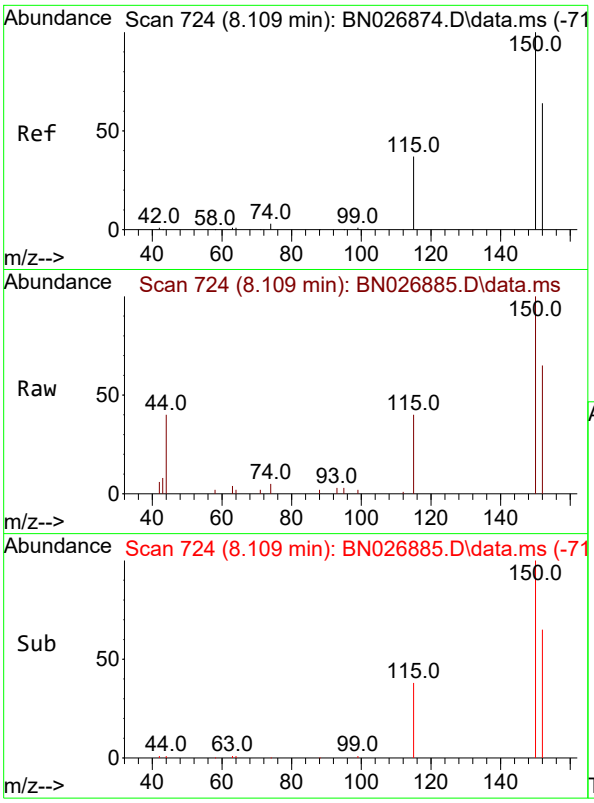
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026885.D
Acq On : 10 Aug 2023 16:08
Operator : MA/JU
Sample : 03862-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:13:02 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



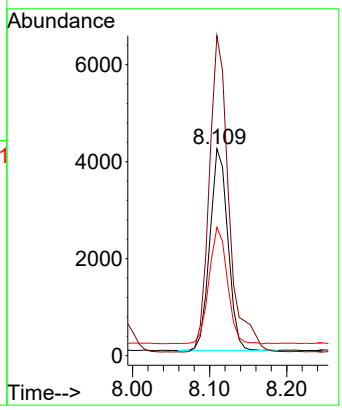


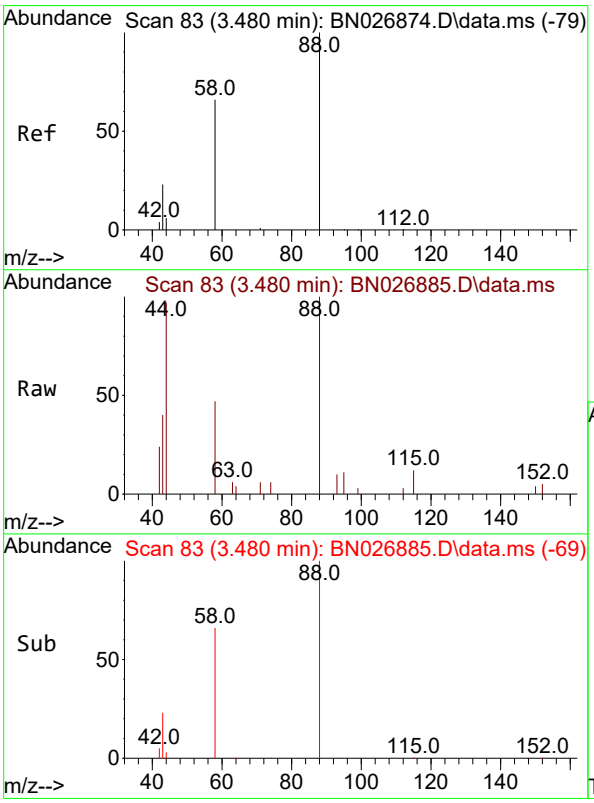
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6761

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	62.0	49.7	74.5

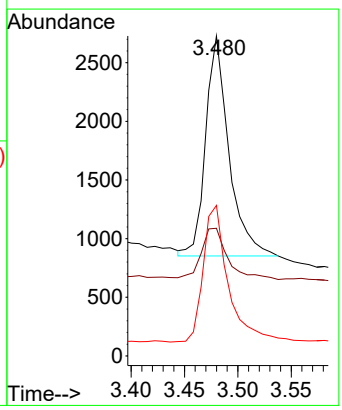


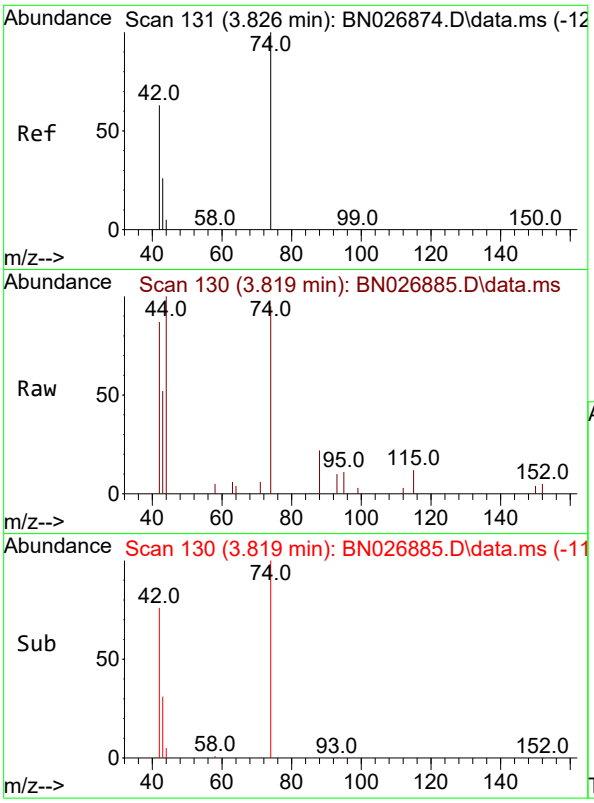


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.480 min Scan# 83
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion: 88 Resp: 2840

Ion	Ratio	Lower	Upper
88	100		
43	26.4	19.2	28.8
58	66.9	54.5	81.7



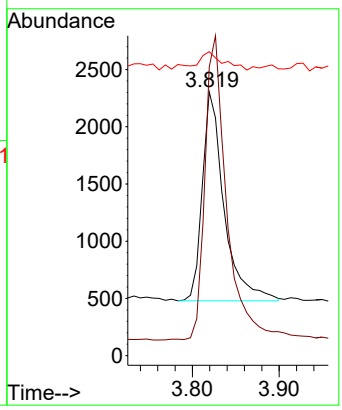


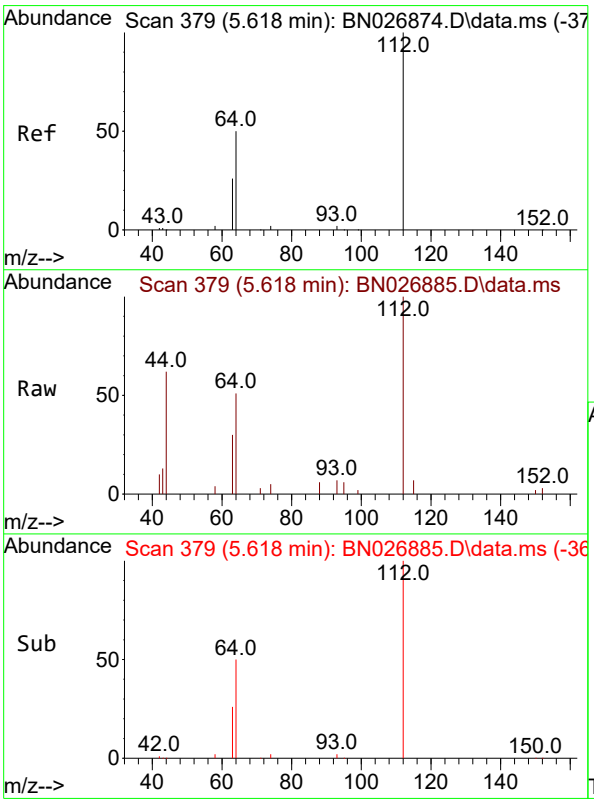
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3174

Ion	Ratio	Lower	Upper
42	100		
74	144.9	119.4	179.2
44	11.5	8.7	13.1

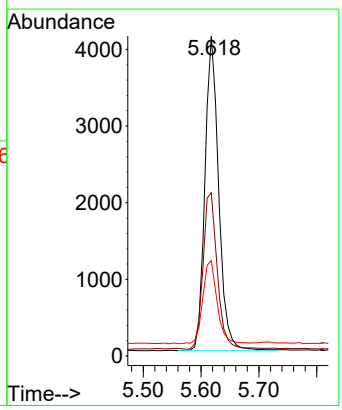


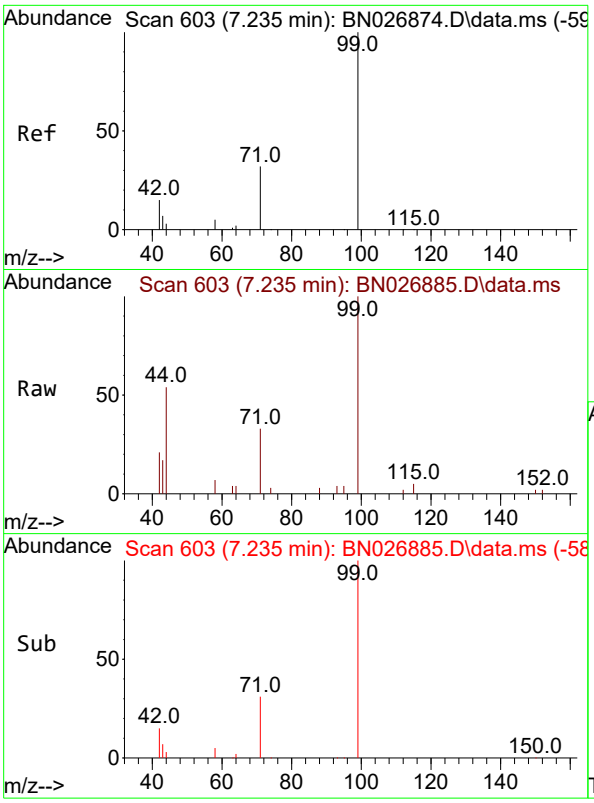


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.618 min Scan# 379
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:112 Resp: 6786

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.5	62.3
63	27.3	21.7	32.5



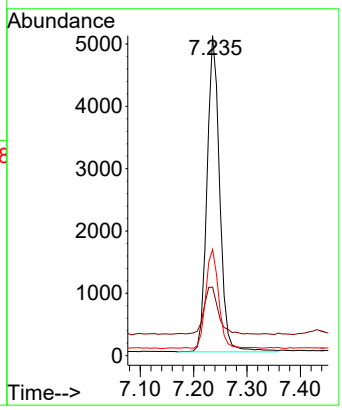


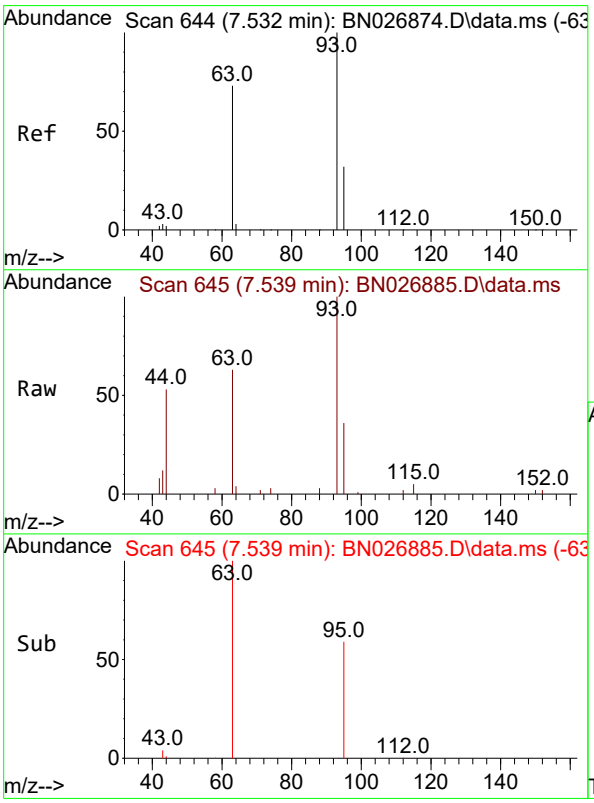
#5
Phenol-d6
Concen: 0.356 ng
RT: 7.235 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8383

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.8	26.0	39.0

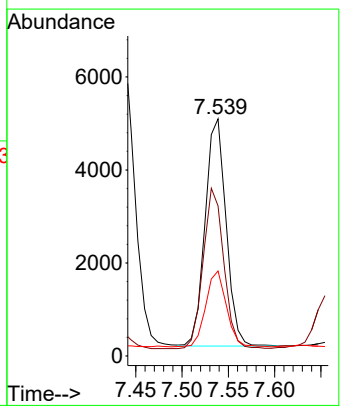


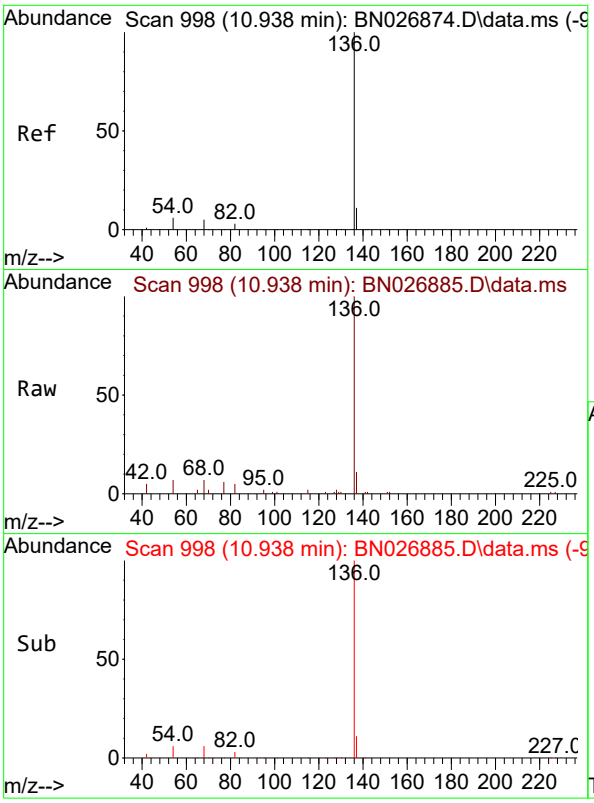


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.539 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion: 93 Resp: 7710

Ion	Ratio	Lower	Upper
93	100		
63	69.2	55.0	82.4
95	32.8	26.2	39.2



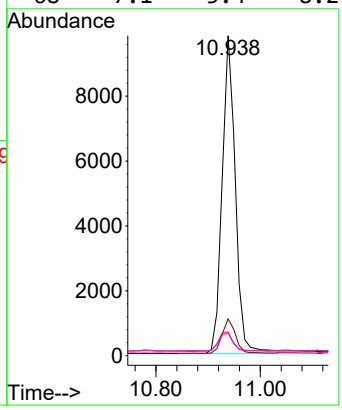


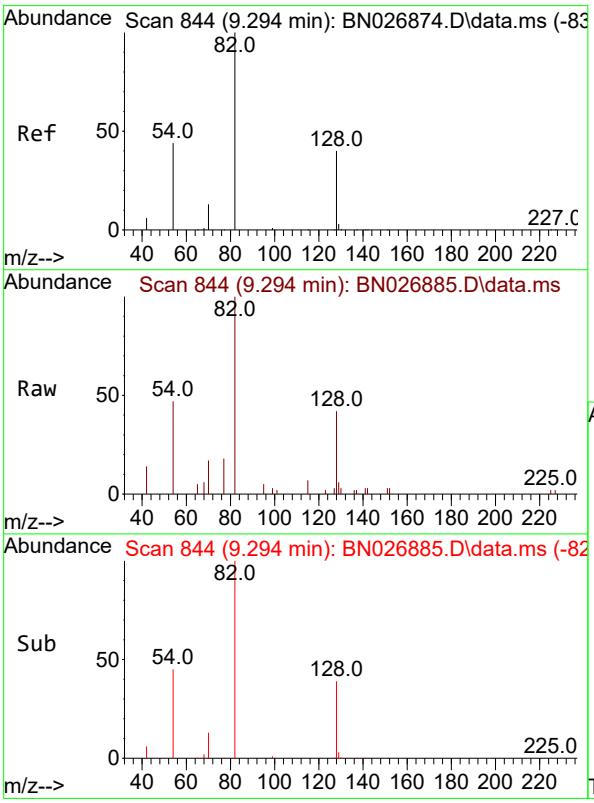
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17305

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	7.4	5.5	8.3
68	7.1	5.4	8.2

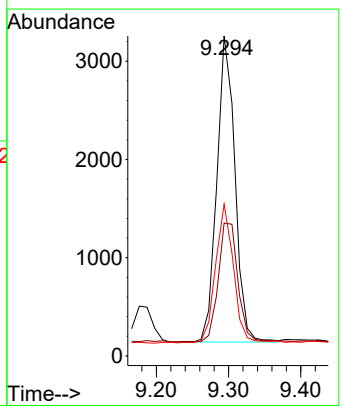


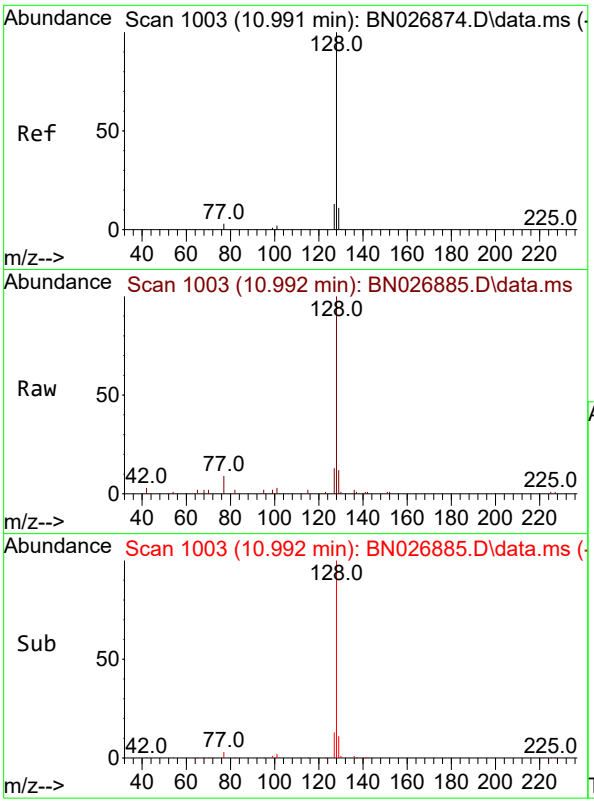


#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion: 82 Resp: 5405

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.1	51.1
54	47.4	37.0	55.4



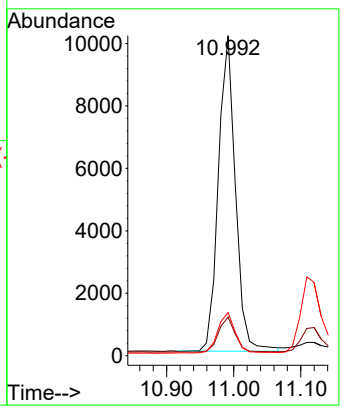


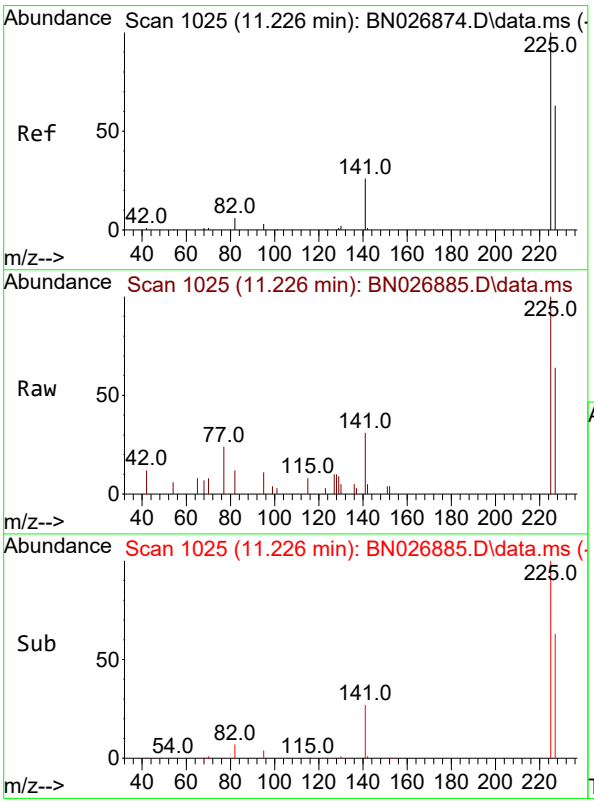
#9
Naphthalene
Concen: 0.392 ng
RT: 10.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 17837

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	13.5	10.6	16.0

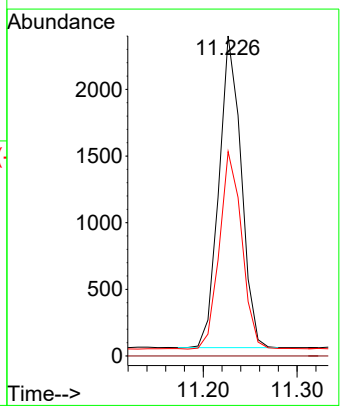


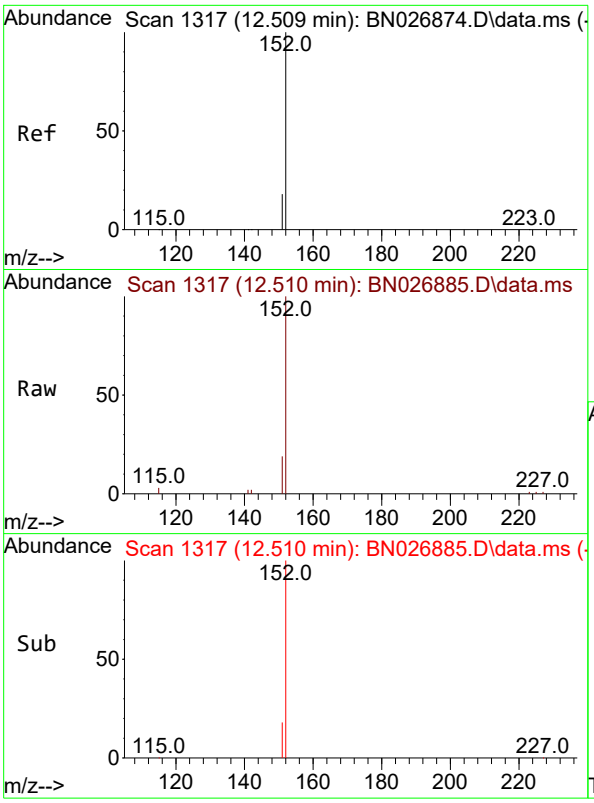


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 11.226 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:225 Resp: 3854

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



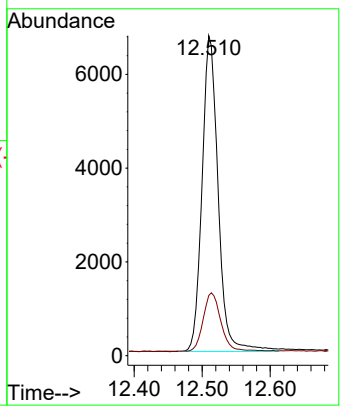


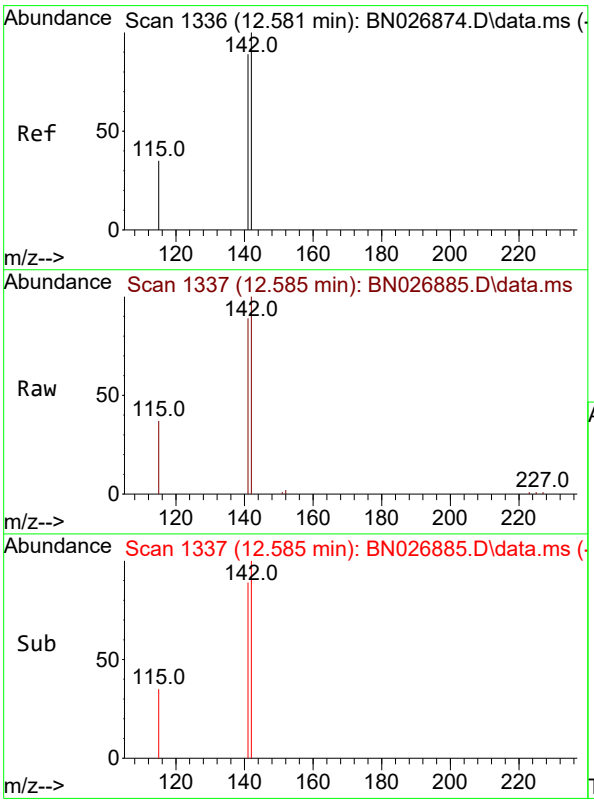
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11097

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5

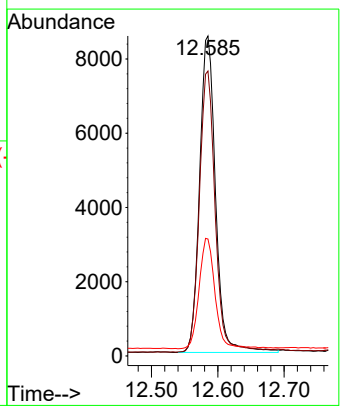


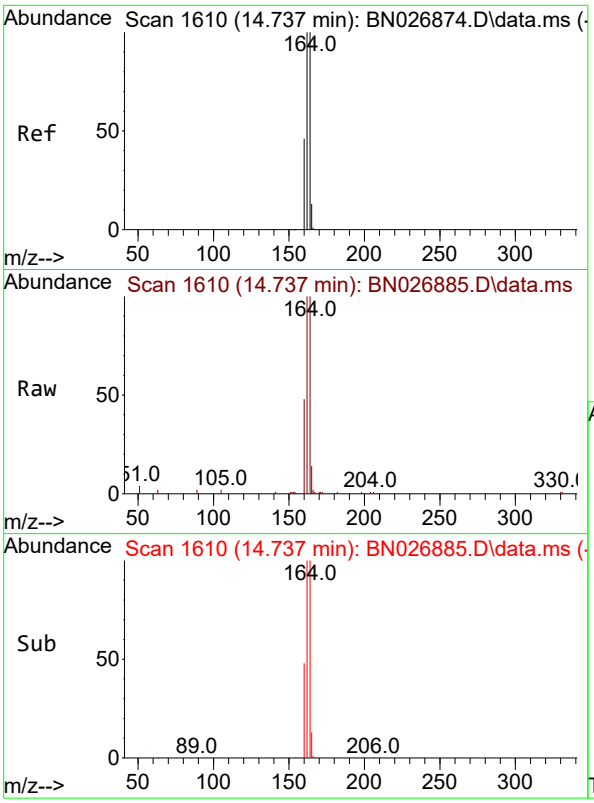


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.585 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:142 Resp: 14280

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	36.5	29.4	44.2



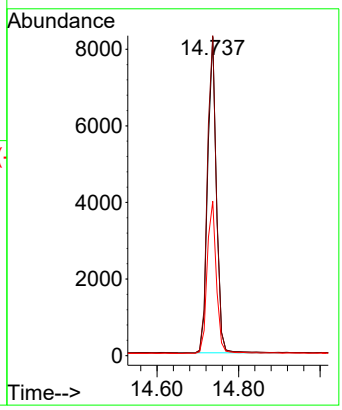


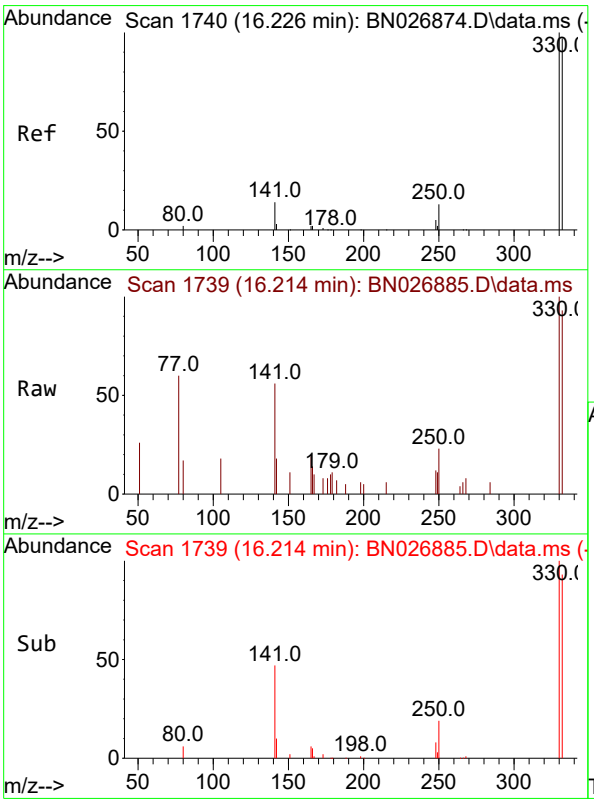
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12312

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.7	119.5
160	48.5	37.4	56.0

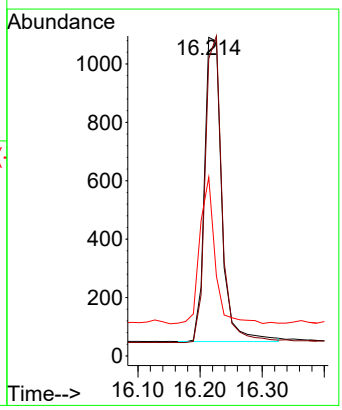


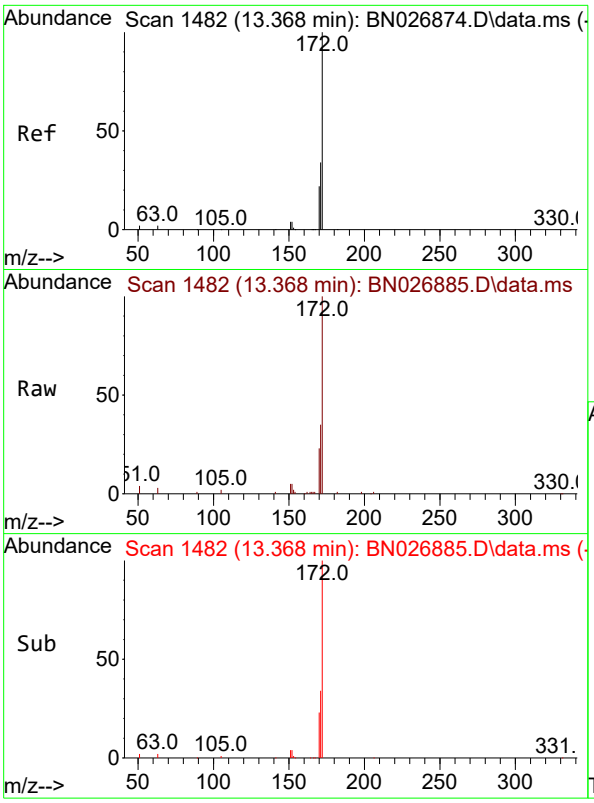


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 16.214 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:330 Resp: 2016

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	42.8	32.3	48.5



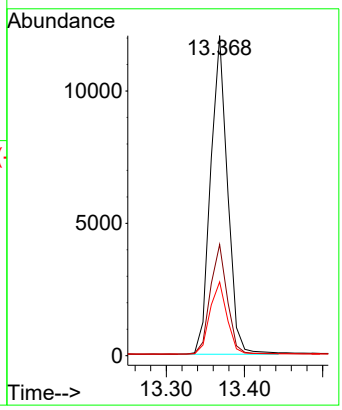


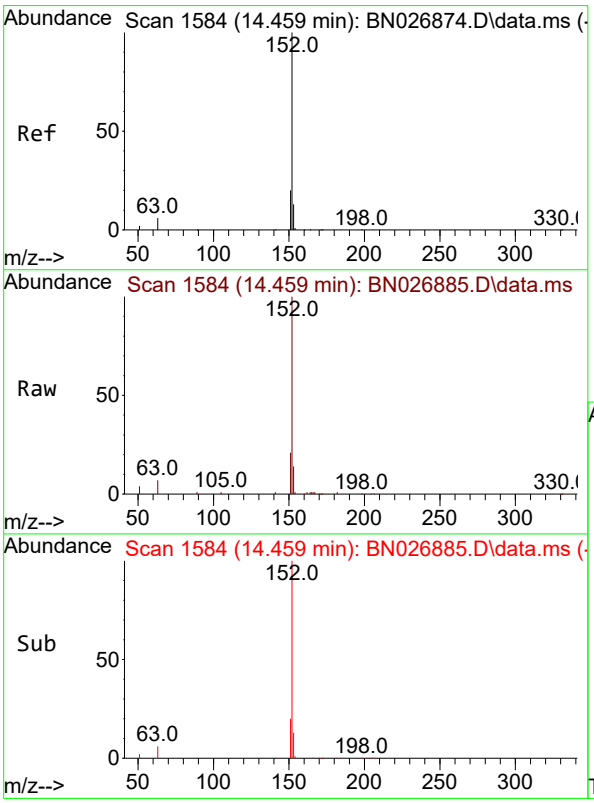
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.368 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 18113

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.0
170	23.1	18.0	27.0

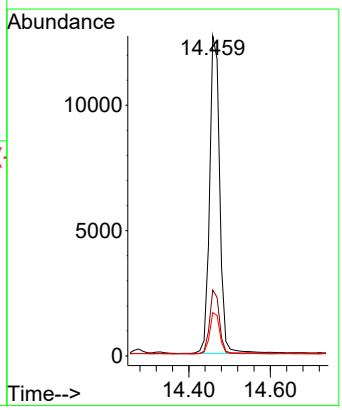


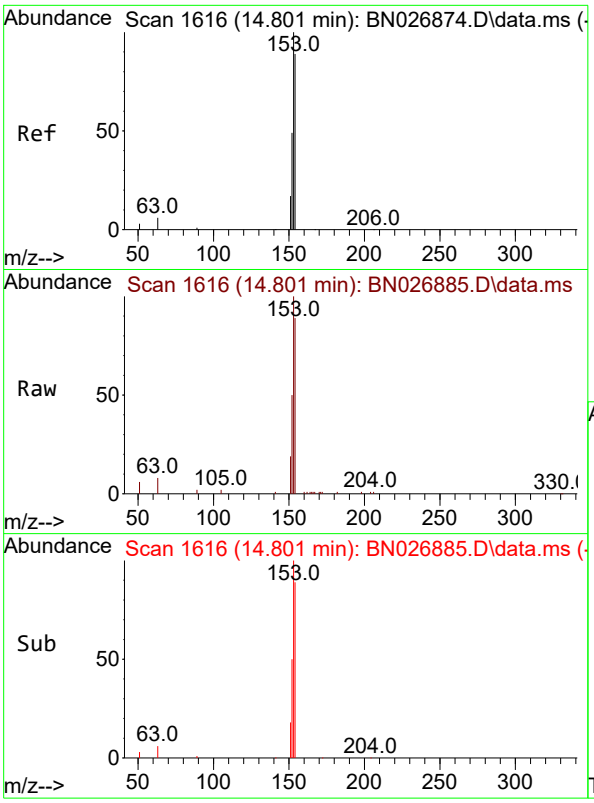


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:152 Resp: 21951

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.1	10.5	15.7



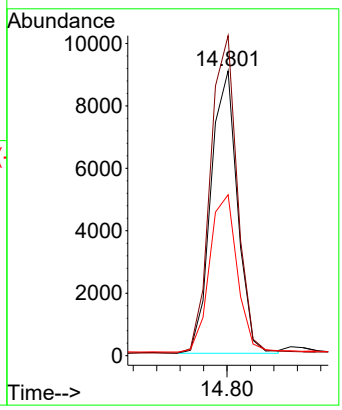


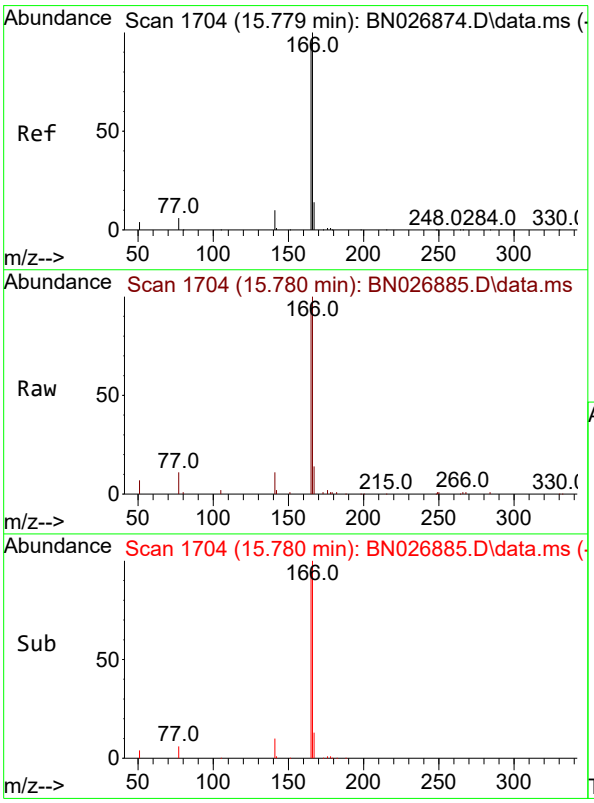
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.801 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 14243

Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.0	138.0
152	58.5	46.2	69.2

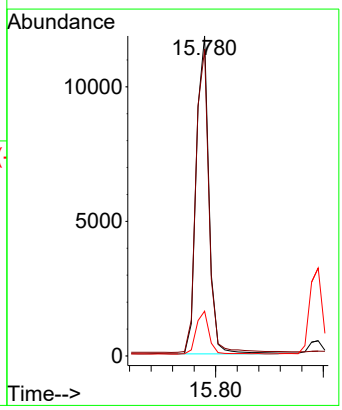


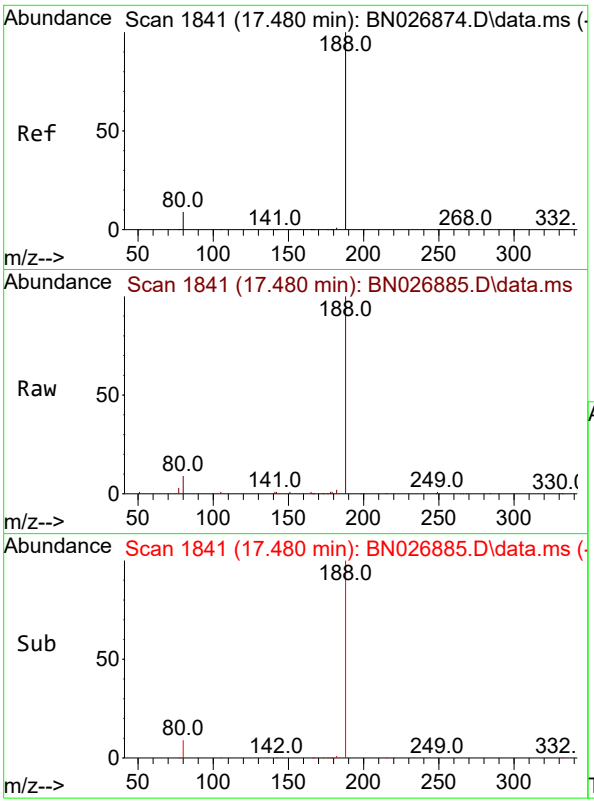


#18
Fluorene
Concen: 0.397 ng
RT: 15.780 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:166 Resp: 19365

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.4	116.2
167	13.7	10.9	16.3



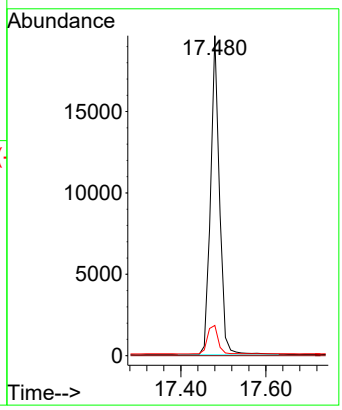


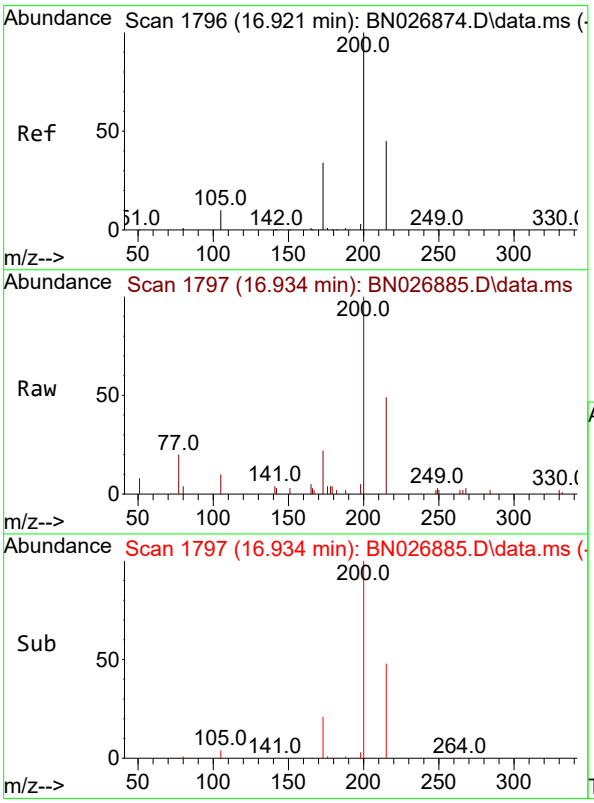
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 28743

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

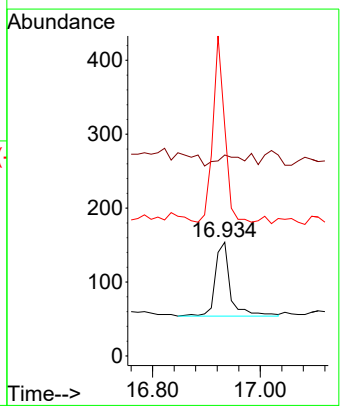


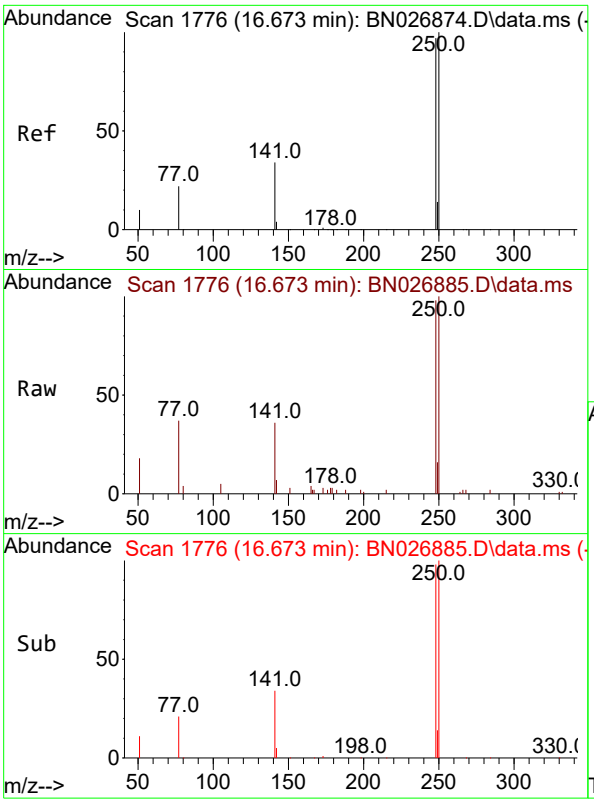


#20
4,6-Dinitro-2-methylphenol
Concen: 0.428 ng
RT: 16.934 min Scan# 1797
Delta R.T. 0.013 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:198 Resp: 193

Ion	Ratio	Lower	Upper
198	100		
51	176.6	143.8	215.8
105	201.9	273.5	410.3#



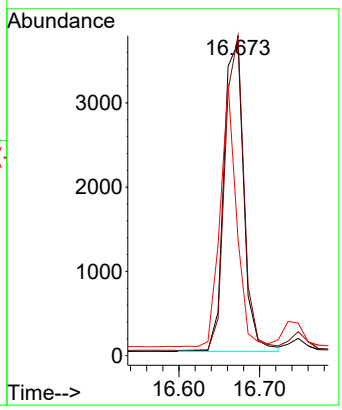


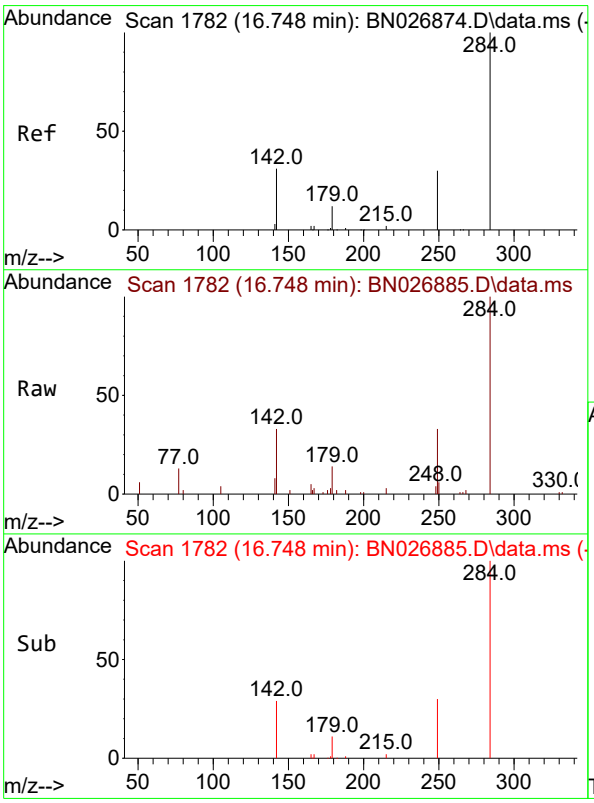
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.673 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 6293

Ion	Ratio	Lower	Upper
248	100		
250	102.2	83.0	124.4
141	37.2	29.9	44.9

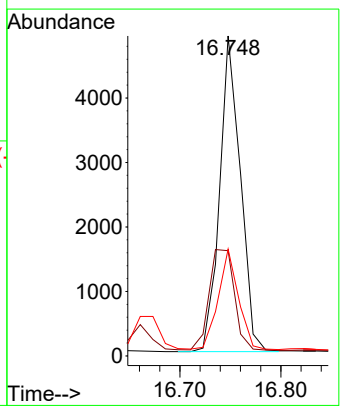


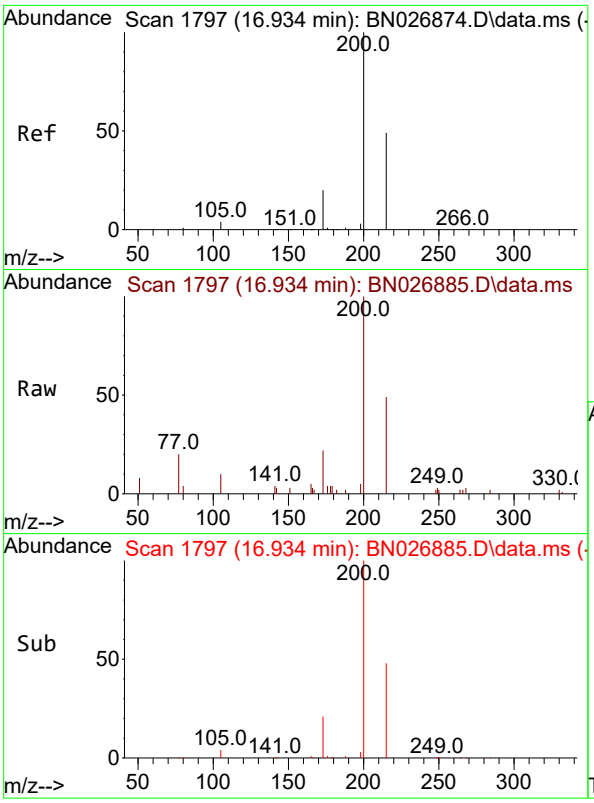


#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.748 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:284 Resp: 6981

Ion	Ratio	Lower	Upper
284	100		
142	38.8	30.0	45.0
249	31.1	24.4	36.6



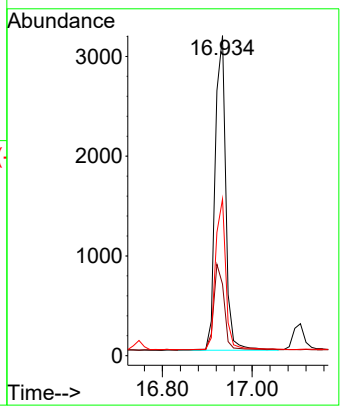


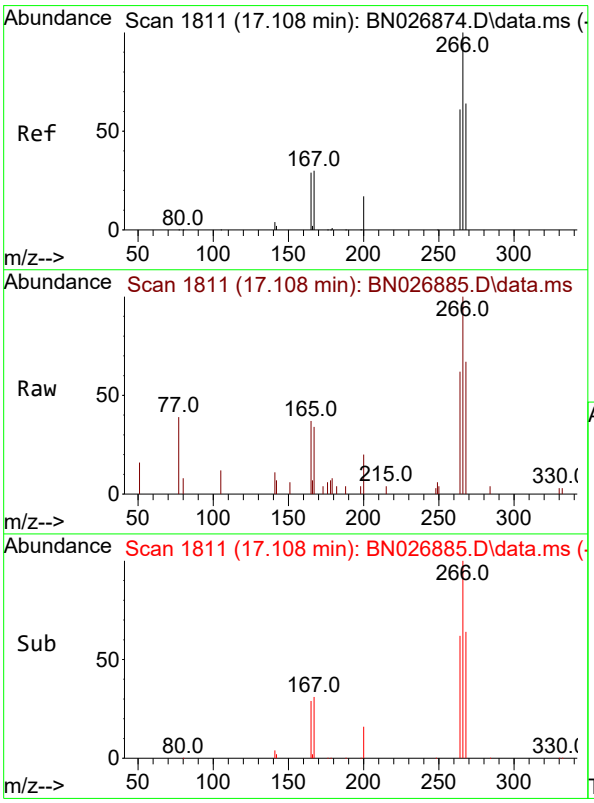
#23
Atrazine
Concen: 0.351 ng
RT: 16.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 5125

Ion	Ratio	Lower	Upper
200	100		
173	22.4	17.1	25.7
215	49.0	39.6	59.4

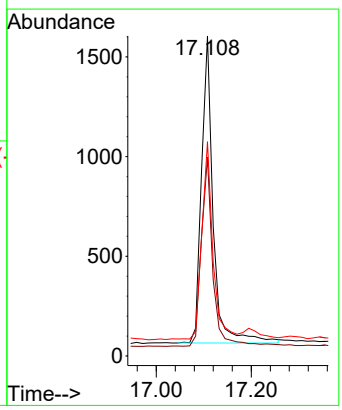


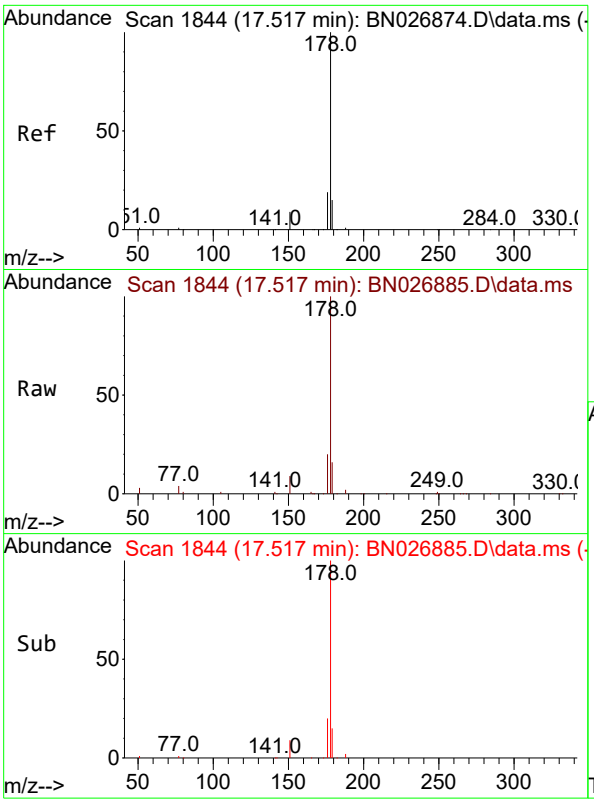


#24
Pentachlorophenol
Concen: 0.299 ng
RT: 17.108 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:266 Resp: 2645

Ion	Ratio	Lower	Upper
266	100		
264	59.9	49.7	74.5
268	60.2	49.3	73.9



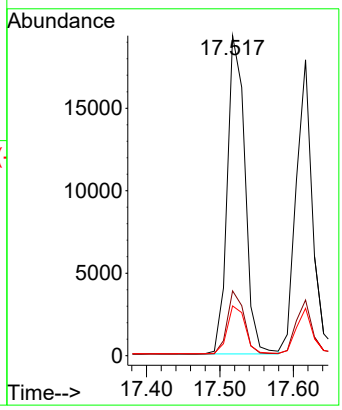


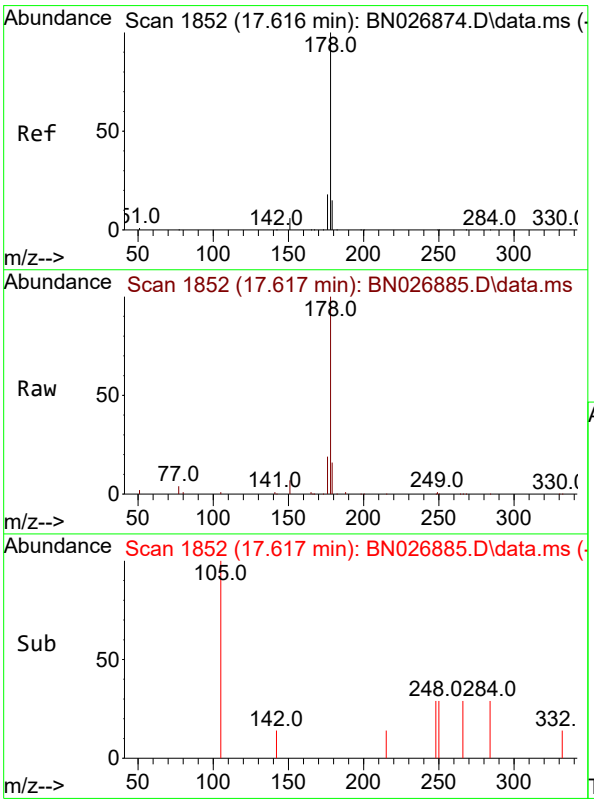
#25
Phenanthrene
Concen: 0.390 ng
RT: 17.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32258

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.5	12.2	18.4

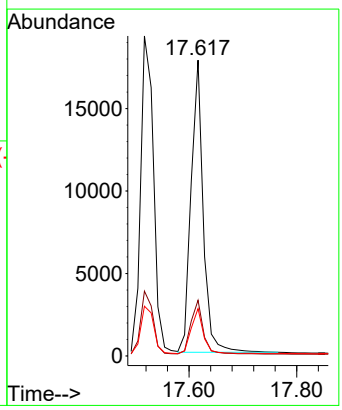


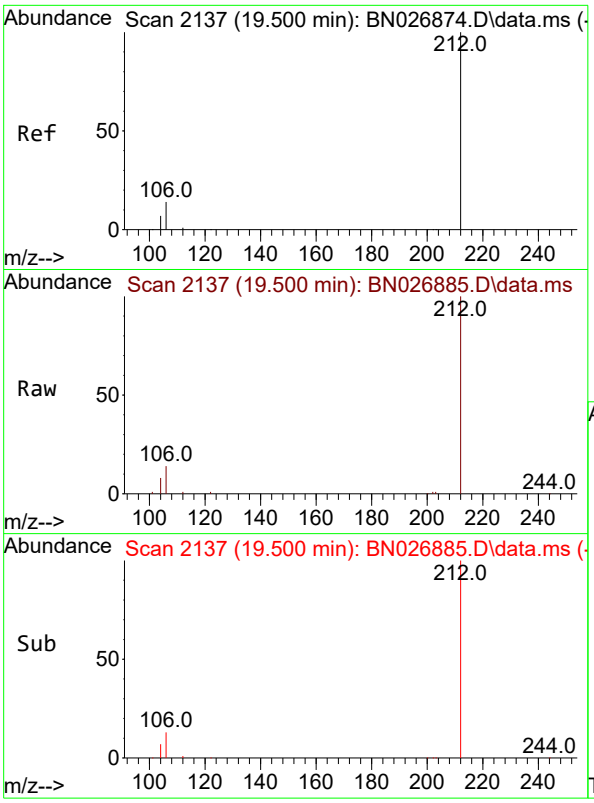


#26
Anthracene
Concen: 0.362 ng
RT: 17.617 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:178 Resp: 27891

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.1	18.1



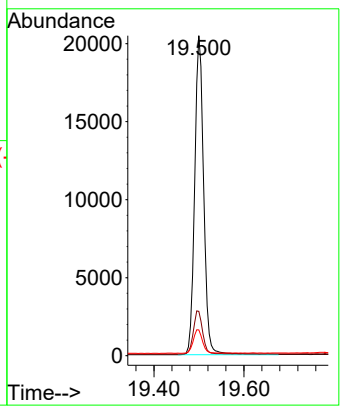


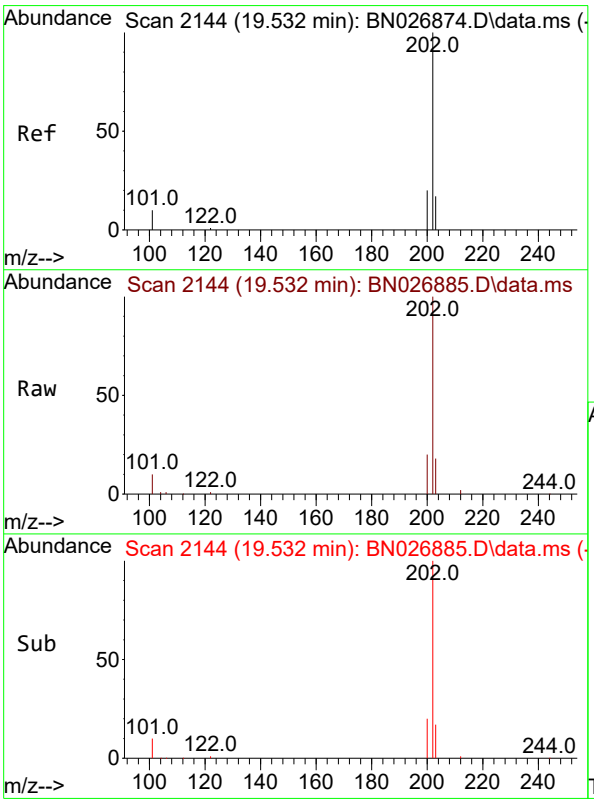
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 28501

Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.9	16.3
104	7.6	5.9	8.9

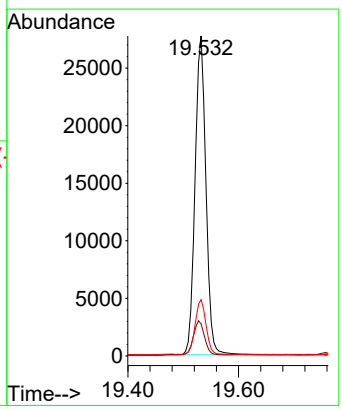


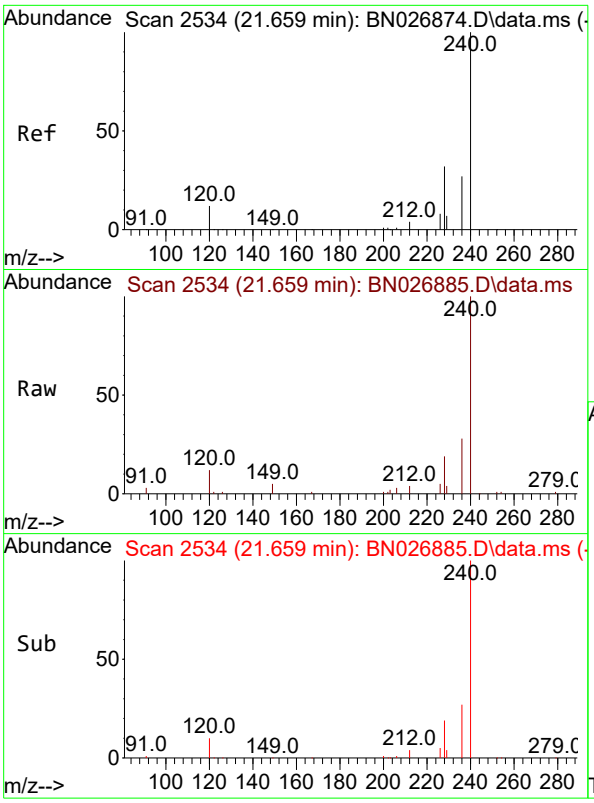


#28
Fluoranthene
Concen: 0.388 ng
RT: 19.532 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:202 Resp: 37950

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



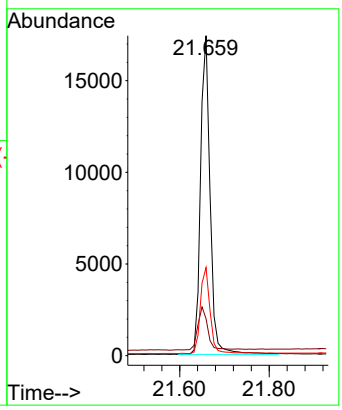


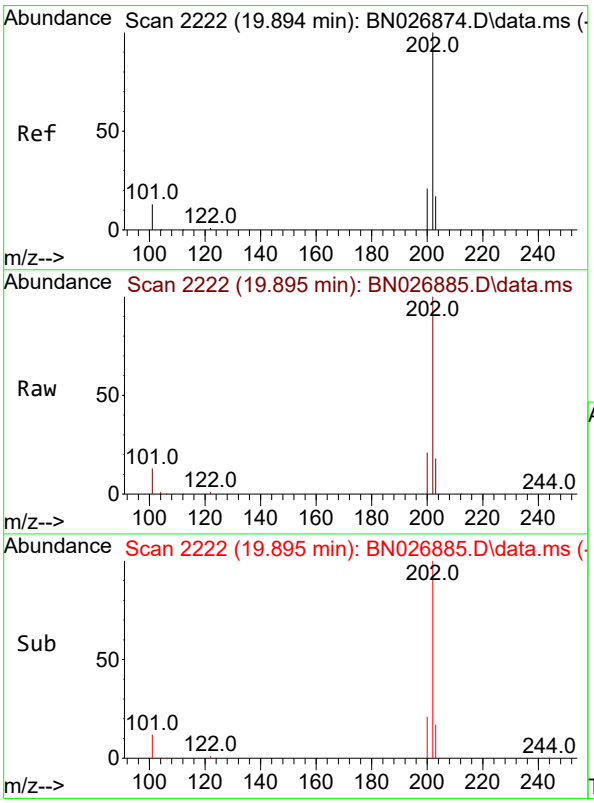
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25825

Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.1	16.7
236	27.6	22.2	33.2

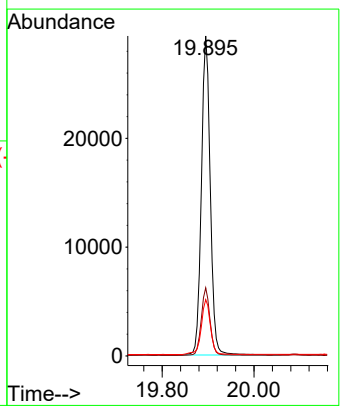


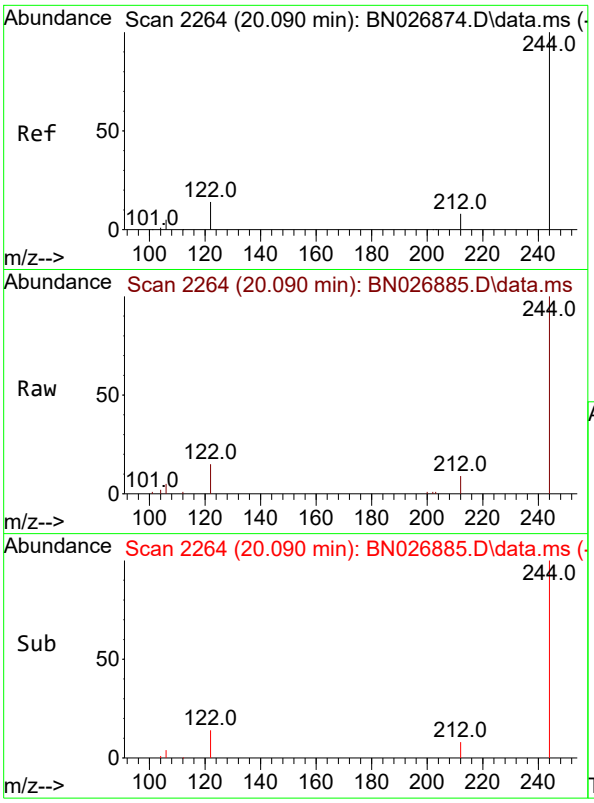


#30
Pyrene
Concen: 0.396 ng
RT: 19.895 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:202 Resp: 39386

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.8	14.4	21.6



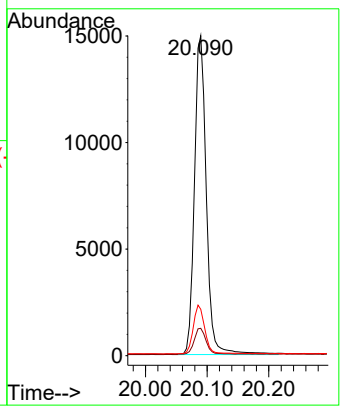


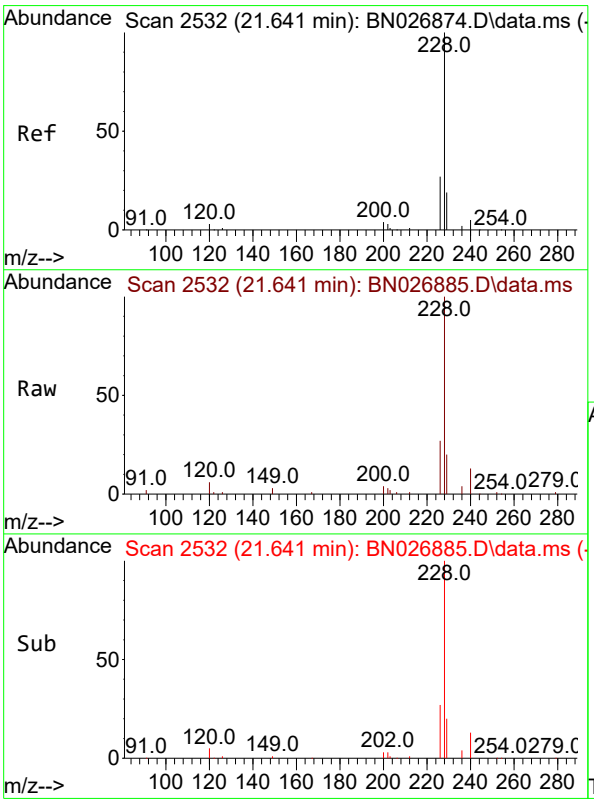
#31
Terphenyl-d14
Concen: 0.373 ng
RT: 20.090 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 20122

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	14.5	11.9	17.9

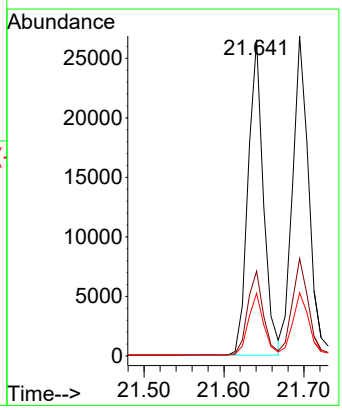


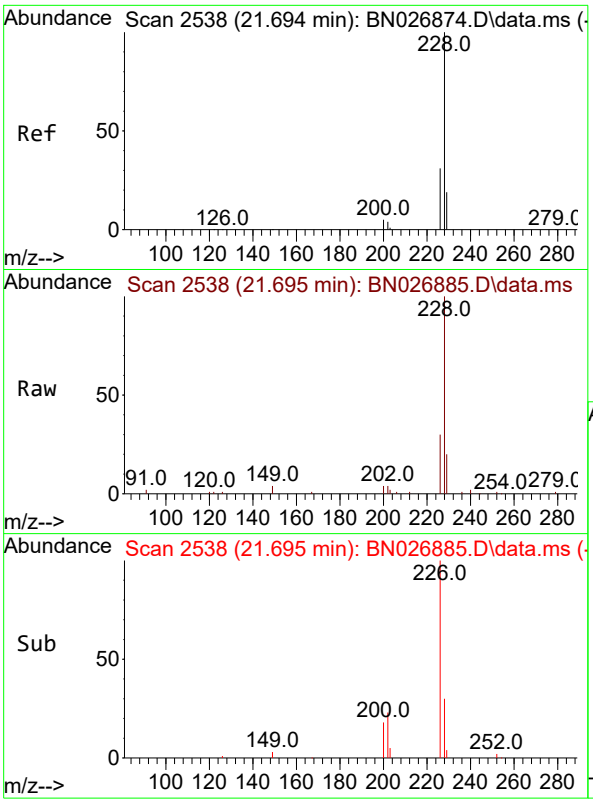


#32
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:228 Resp: 35328

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.8	15.5	23.3



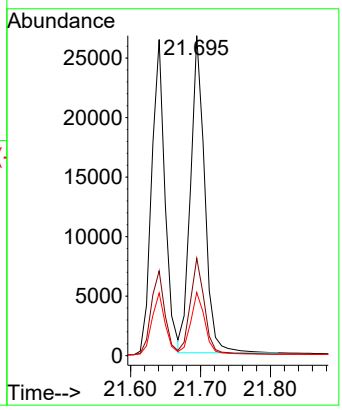


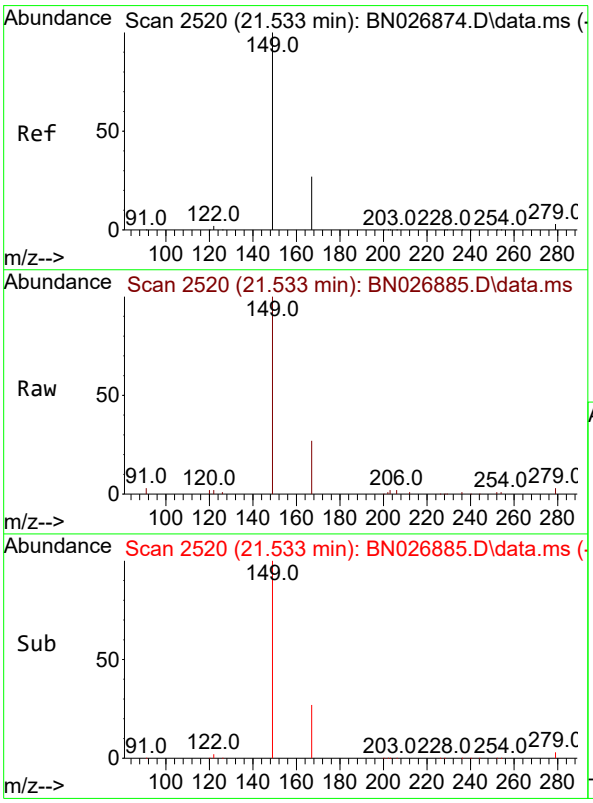
#33
Chrysene
Concen: 0.398 ng
RT: 21.695 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 37410

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

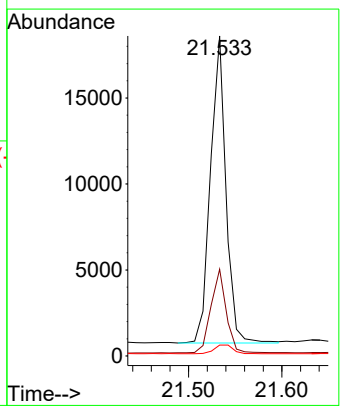


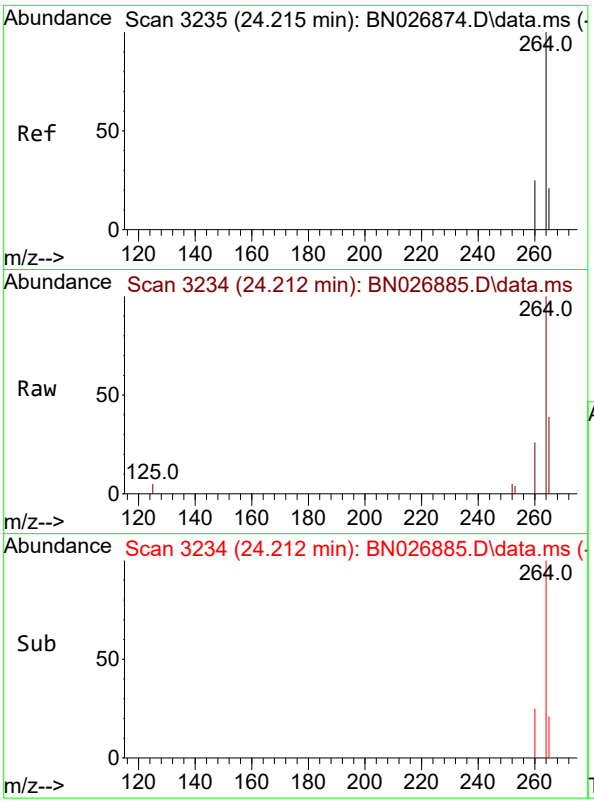


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:149 Resp: 20501

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	3.4	3.6	5.4#



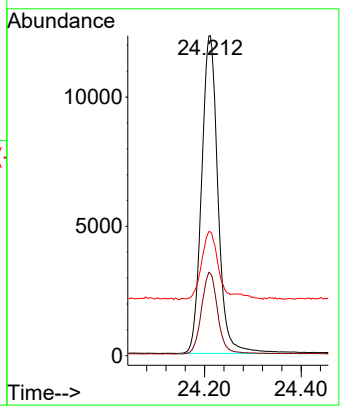


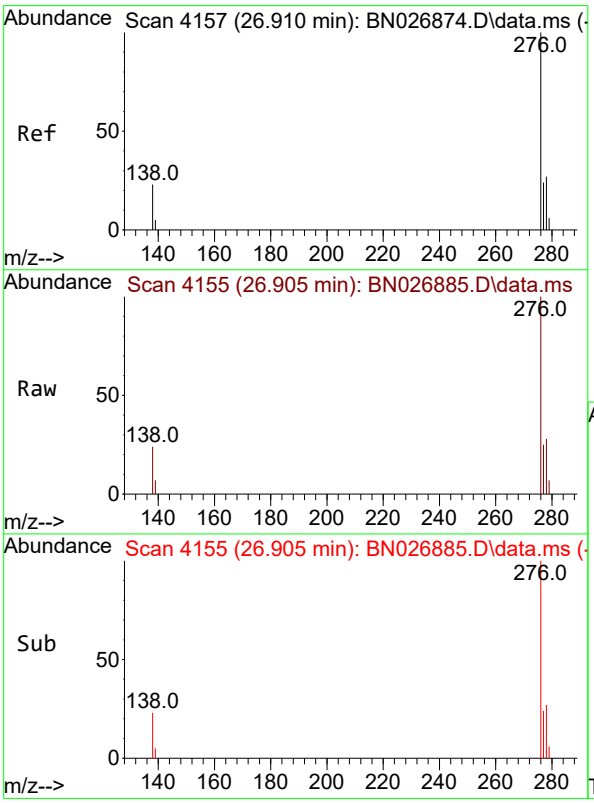
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.212 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 28882

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	38.7	27.0	40.6

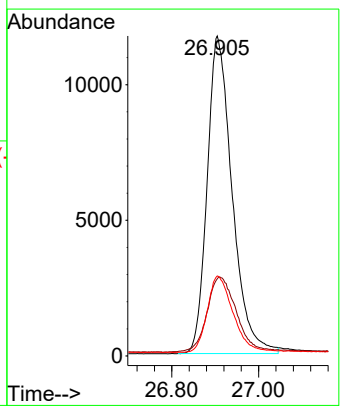


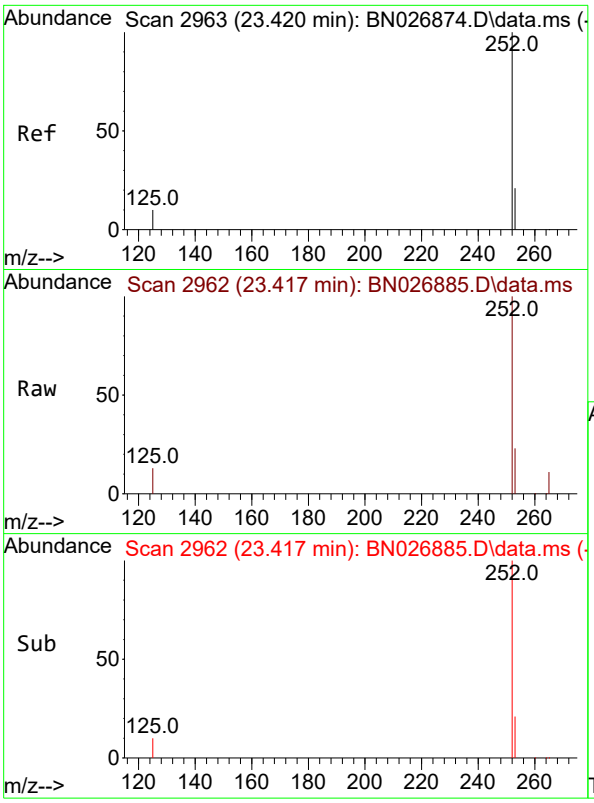


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.905 min Scan# 4155
Delta R.T. -0.006 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:276 Resp: 46844

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.1	31.7
277	24.9	19.9	29.9



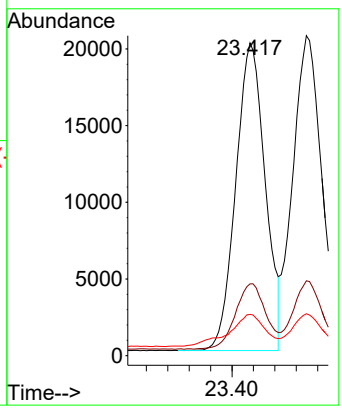


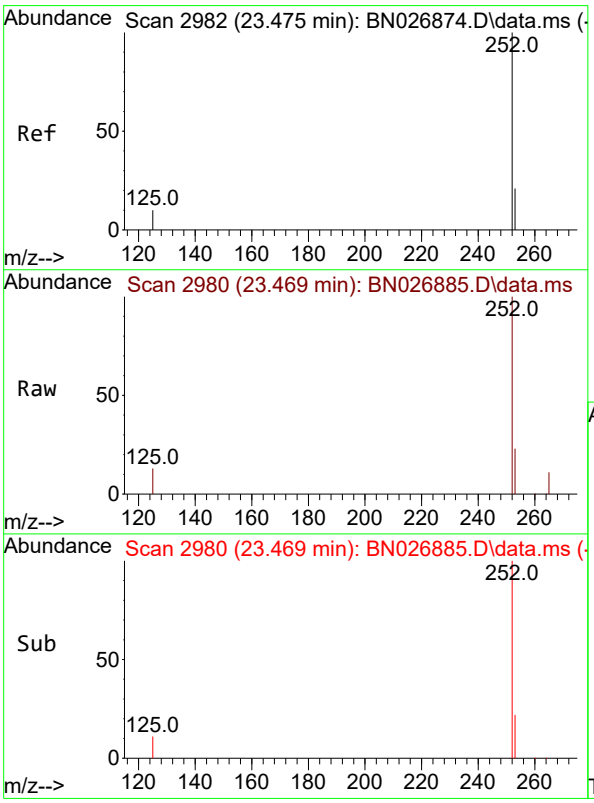
#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 23.417 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38136

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	13.2	10.2	15.2

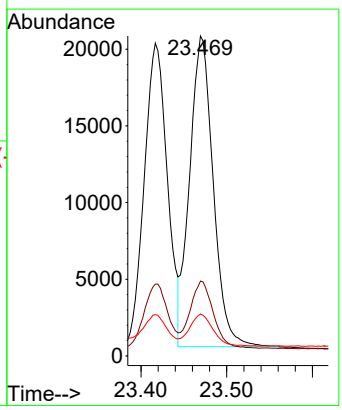


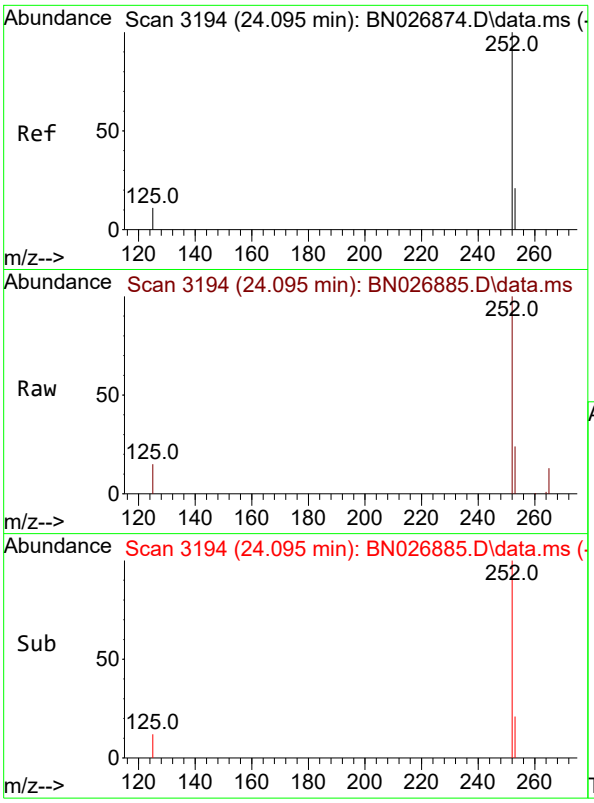


#38
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.469 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:252 Resp: 38719

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



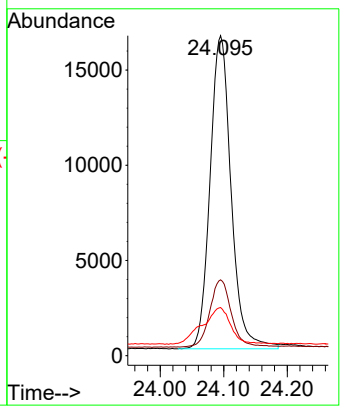


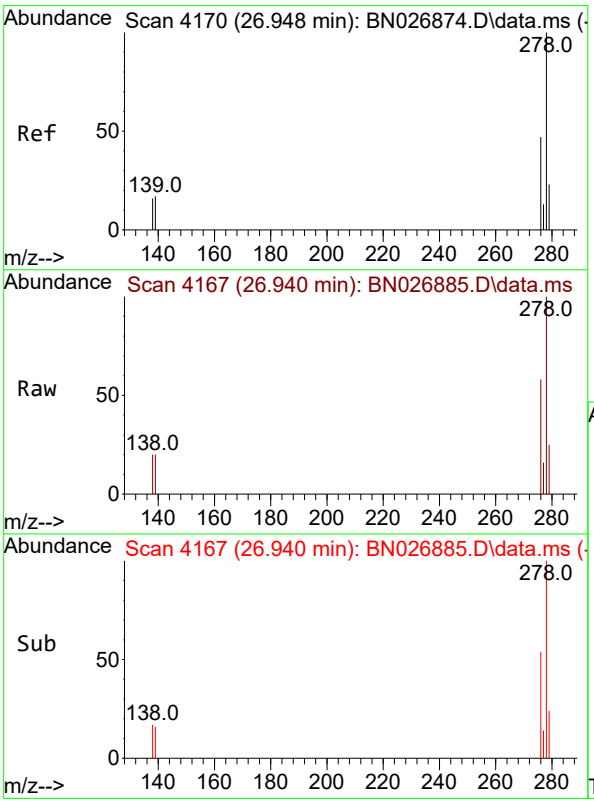
#39
Benzo(a)pyrene
Concen: 0.392 ng
RT: 24.095 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37927

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	15.1	11.7	17.5

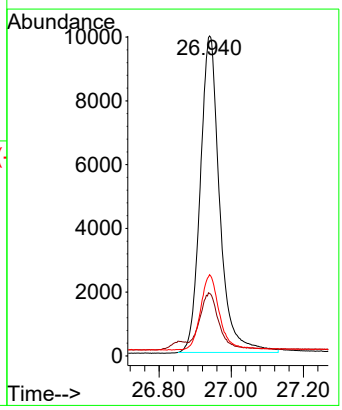


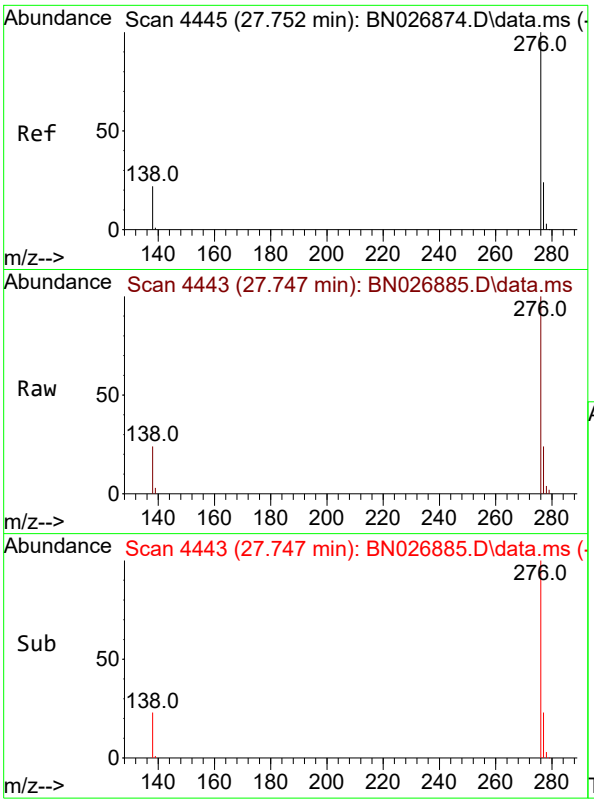


#40
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.940 min Scan# 4167
Delta R.T. -0.009 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Tgt Ion:278 Resp: 37093

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.3	22.9
279	25.4	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.393 ng
RT: 27.747 min Scan# 44
Delta R.T. -0.006 min
Lab File: BN026885.D
Acq: 10 Aug 2023 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 39803

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	24.2	19.0	28.4