Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
Data File : BN026790.D
Acq On : 02 Aug 2023 09:40
Operator : MA/JU
Sample : 03709-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 03 00:43:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	9081	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	25622	0.400	ng		-0.01
13) Acenaphthene-d10	14.737	164	11758	0.400	ng		-0.01
19) Phenanthrene-d10	17.480	188	20795	0.400	ng		#-0.01
29) Chrysene-d12	21.668	240	11792	0.400	ng		0.00
35) Perylene-d12	24.224	264	9578	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	2949	0.128	ng		0.00
5) Phenol-d6	7.236	99	2273	0.076	ng		0.00
8) Nitrobenzene-d5	9.294	82	5931	0.391	ng		-0.01
11) 2-Methylnaphthalene-d10	12.513	152	11763	0.320	ng		-0.01
14) 2,4,6-Tribromophenol	16.226	330	1150	0.287	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	19214	0.400	ng		-0.01
27) Fluoranthene-d10	19.504	212	15590	0.312	ng		0.00
31) Terphenyl-d14	20.099	244	13697	0.557	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	38867	3.667	ng		98
3) n-Nitrosodimethylamine	3.819	42	1751	0.148	ng	#	96
6) bis(2-Chloroethyl)ether	7.539	93	9305	0.347	ng		98
9) Naphthalene	10.992	128	25164	0.357	ng		100
10) Hexachlorobutadiene	11.237	225	4381	0.343	ng	#	99
12) 2-Methylnaphthalene	12.589	142	15606	0.325	ng		99
16) Acenaphthylene	14.469	152	20360	0.350	ng		100
17) Acenaphthene	14.801	154	13097	0.359	ng		99
18) Fluorene	15.780	166	15836	0.334	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	145	0.431	ng	#	1
21) 4-Bromophenyl-phenylether	16.673	248	4800	0.382	ng	#	90
22) Hexachlorobenzene	16.748	284	5572	0.388	ng		99
23) Atrazine	16.934	200	2881	0.347	ng	#	82
24) Pentachlorophenol	17.108	266	2879	0.780	ng		98
25) Phenanthrene	17.530	178	25004	0.396	ng		100
26) Anthracene	17.617	178	20720	0.367	ng		100
28) Fluoranthene	19.537	202	23927	0.340	ng		99
30) Pyrene	19.899	202	24372	0.478	ng		100
32) Benzo(a)anthracene	21.650	228	16573	0.409	ng		99
33) Chrysene	21.703	228	17478	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.551	149	9670	0.721	ng		100
36) Indeno(1,2,3-cd)pyrene	26.928	276	14692	0.376	ng	#	85
37) Benzo(b)fluoranthene	23.431	252	15120	0.401	ng		97
38) Benzo(k)fluoranthene	23.484	252	14974	0.387	ng	#	97
39) Benzo(a)pyrene	24.110	252	11842	0.345	ng		97
40) Dibenzo(a,h)anthracene	26.960	278	11268	0.371	ng		97
41) Benzo(g,h,i)perylene	27.770	276	13894	0.387	ng		97

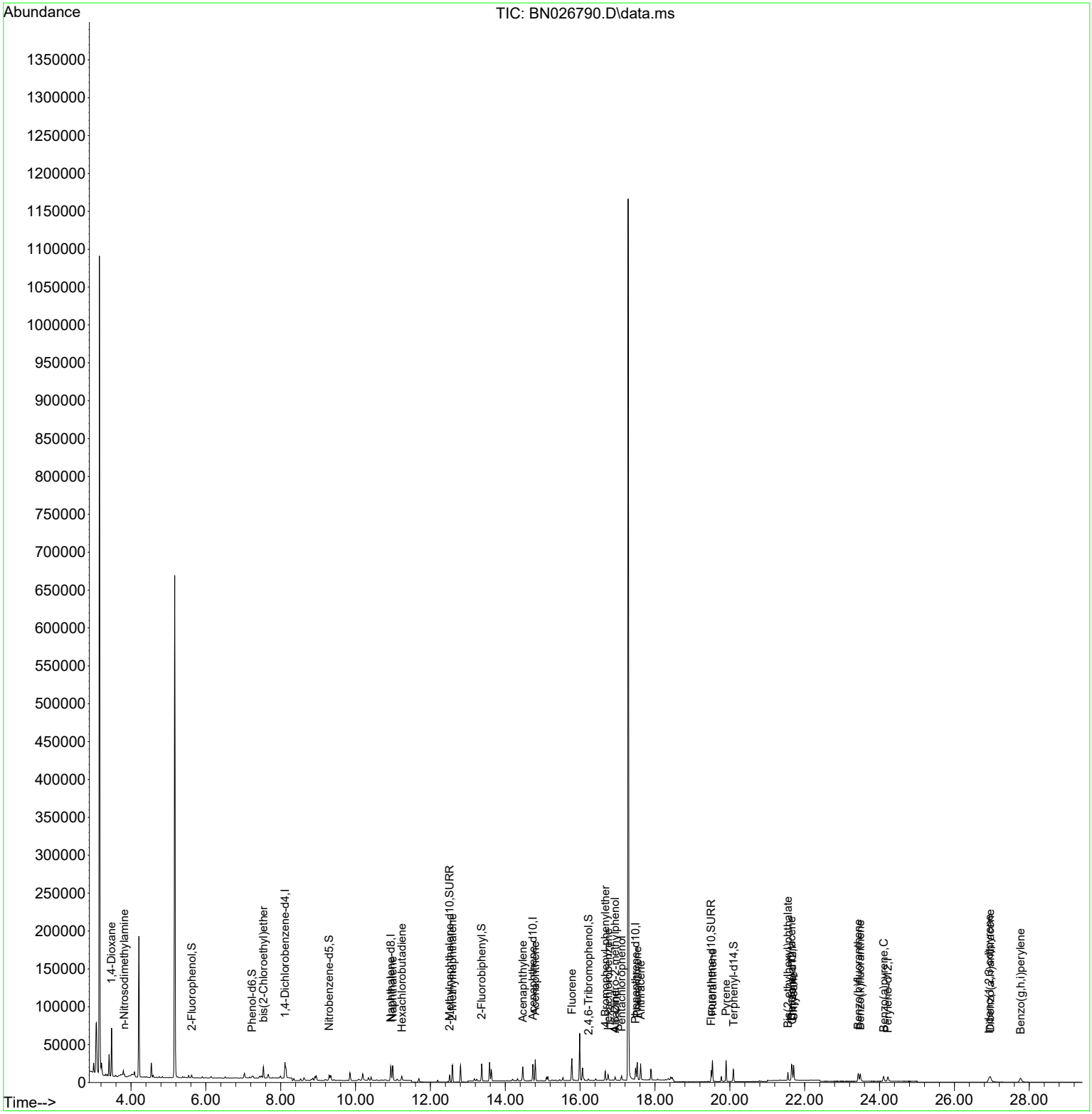
(#) = qualifier out of range (m) = manual integration (+) = signals summed

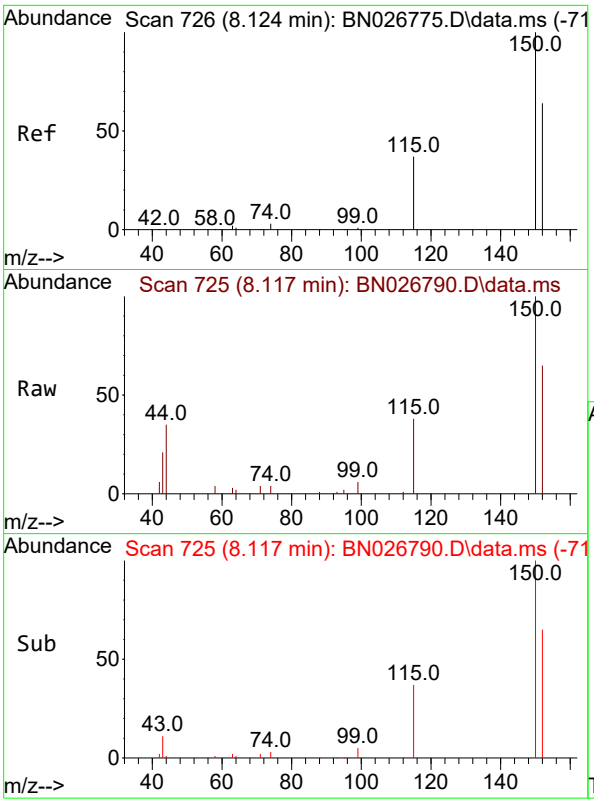
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
Data File : BN026790.D
Acq On : 02 Aug 2023 09:40
Operator : MA/JU
Sample : 03709-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 03 00:43:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration



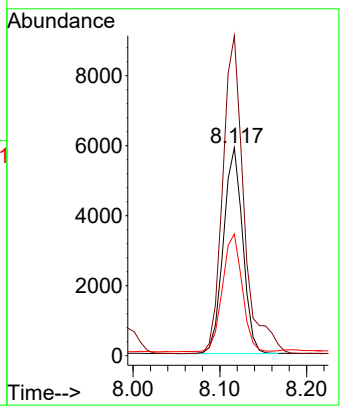


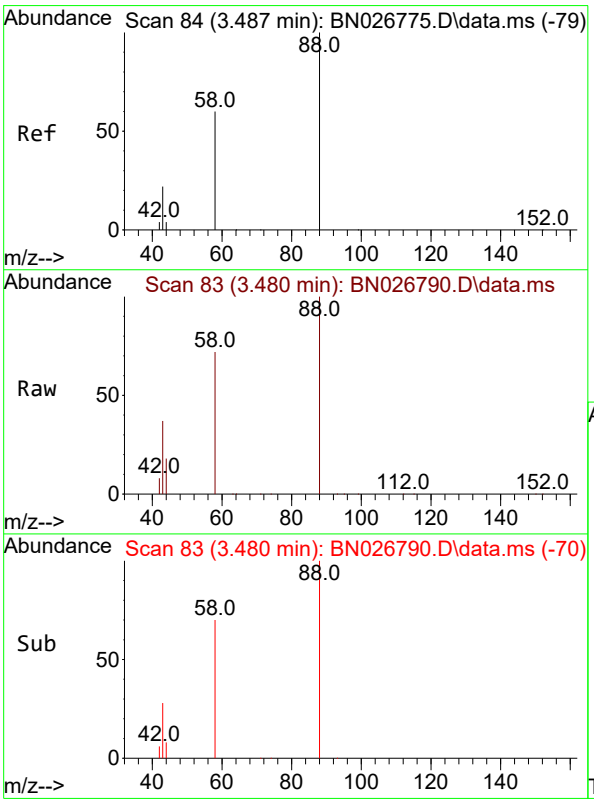
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.117 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9081

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.8	185.8
115	58.5	48.0	72.0

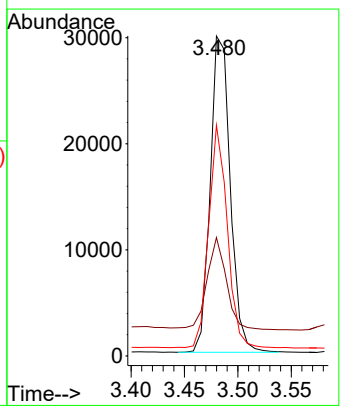


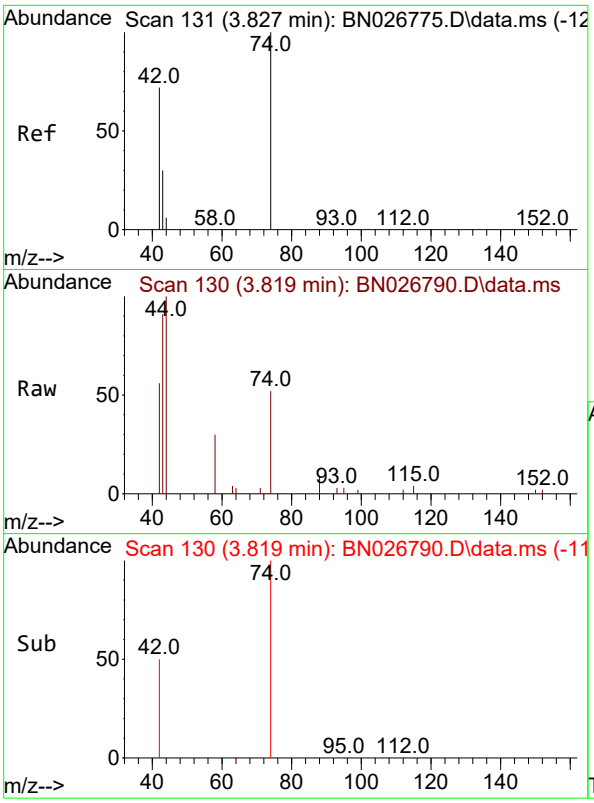


#2
1,4-Dioxane
Concen: 3.667 ng
RT: 3.480 min Scan# 83
Delta R.T. -0.007 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion: 88 Resp: 38867

Ion	Ratio	Lower	Upper
88	100		
43	28.6	21.7	32.5
58	65.1	53.3	79.9



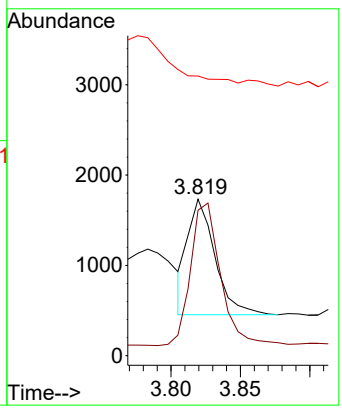


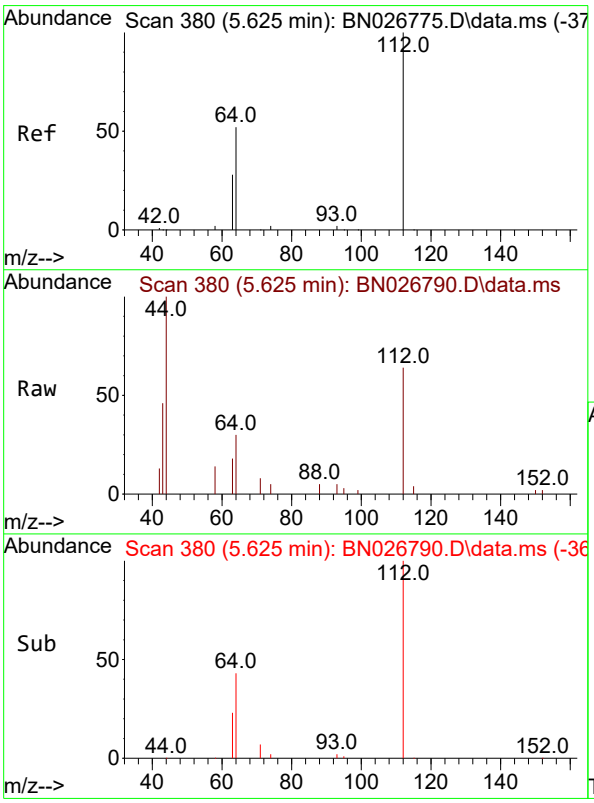
#3
n-Nitrosodimethylamine
Concen: 0.148 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1751

Ion	Ratio	Lower	Upper
42	100		
74	136.2	106.4	159.6
44	0.0	7.3	10.9#

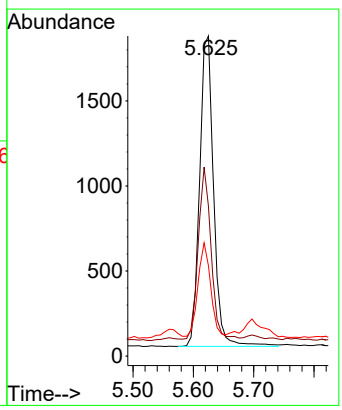


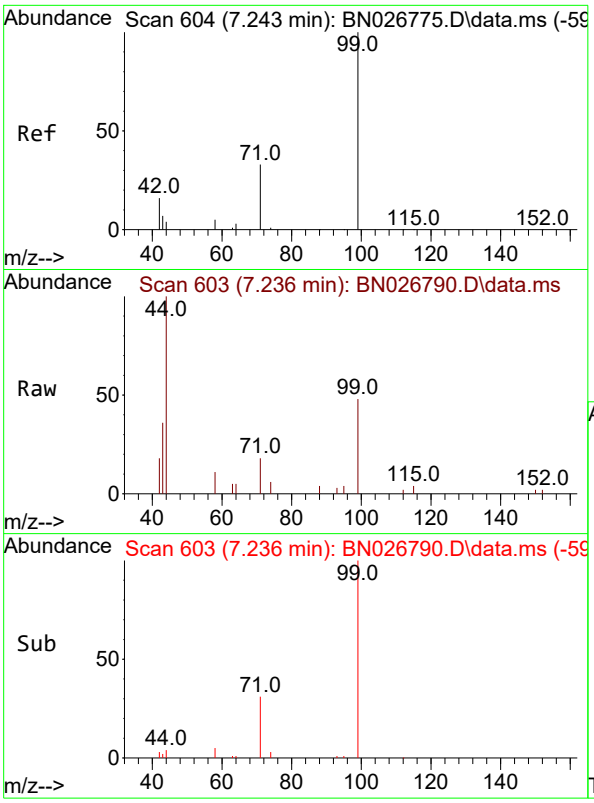


#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.625 min Scan# 380
Delta R.T. -0.000 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:112 Resp: 2949

Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.2	63.2
63	27.3	22.7	34.1



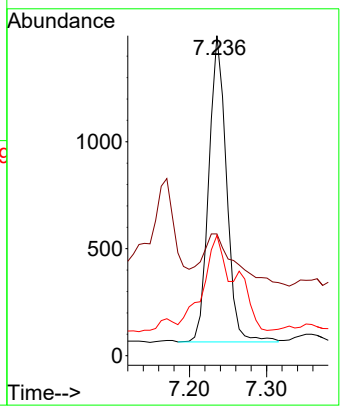


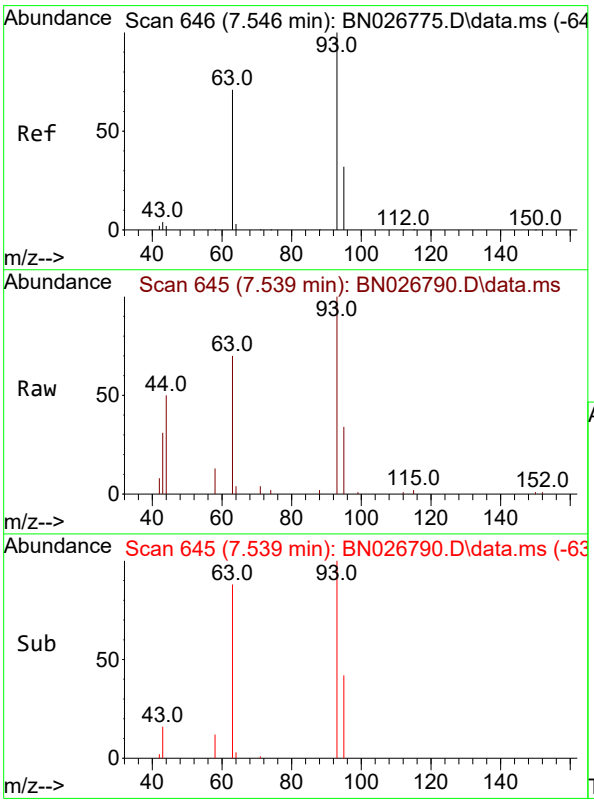
#5
Phenol-d6
Concen: 0.076 ng
RT: 7.236 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2273

Ion	Ratio	Lower	Upper
99	100		
42	32.2	14.6	22.0#
71	56.9	26.6	40.0#

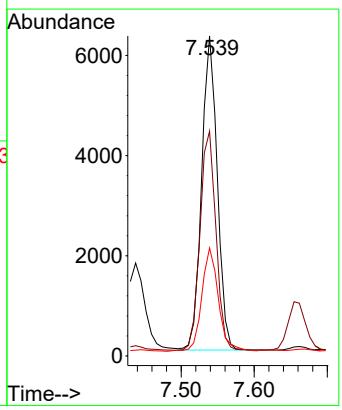


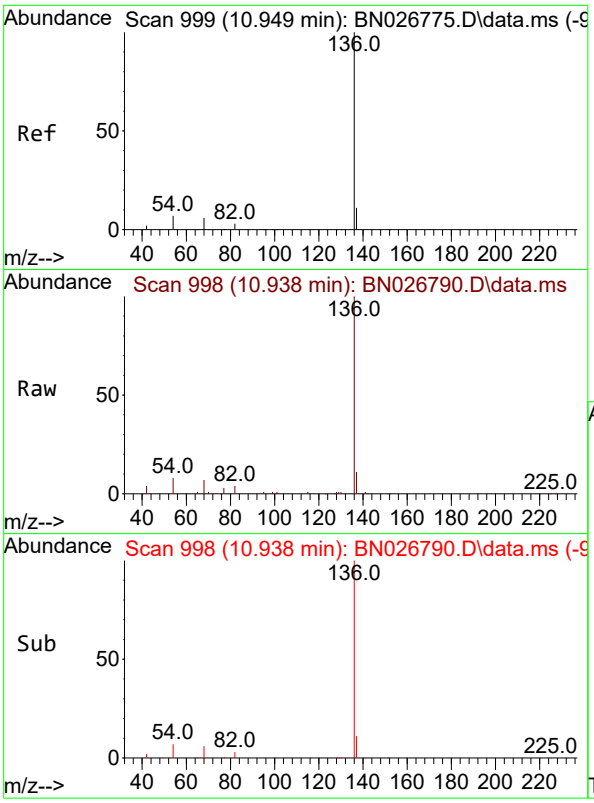


#6
bis(2-Chloroethyl)ether
Concen: 0.347 ng
RT: 7.539 min Scan# 645
Delta R.T. -0.007 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion: 93 Resp: 9305

Ion	Ratio	Lower	Upper
93	100		
63	71.1	56.7	85.1
95	34.9	25.9	38.9



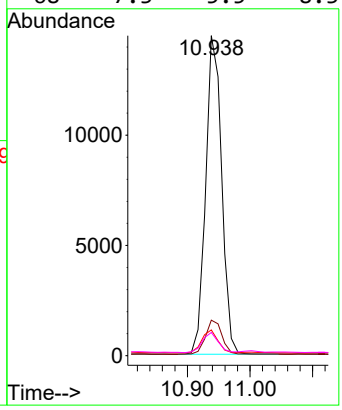


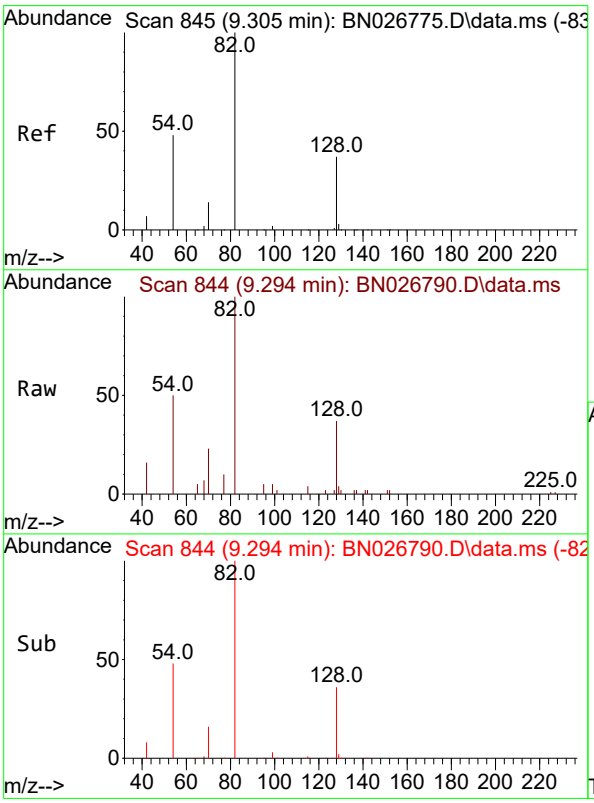
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 25622

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.1	6.2	9.2
68	7.3	5.5	8.3

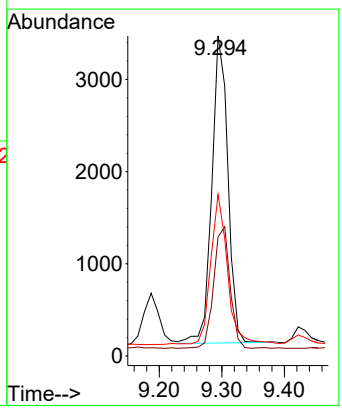


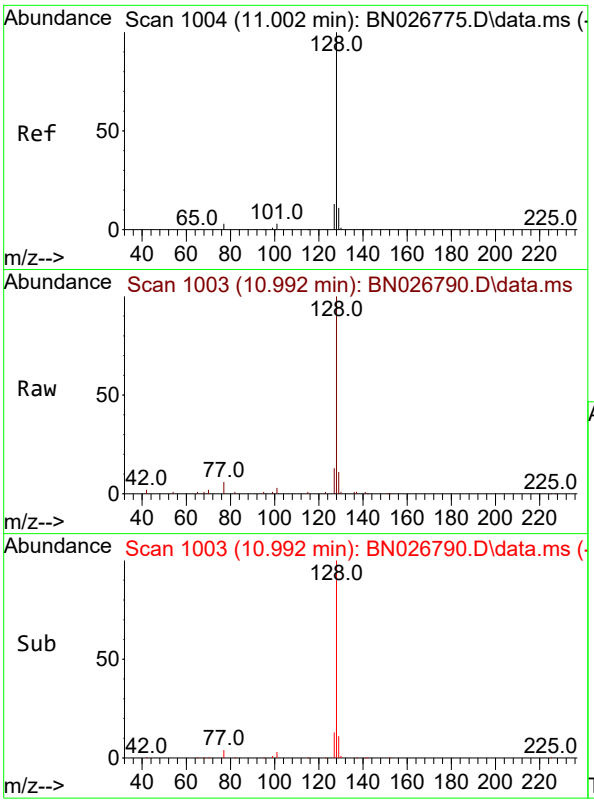


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 9.294 min Scan# 844
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion: 82 Resp: 5931

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.5	45.7
54	50.4	39.4	59.2



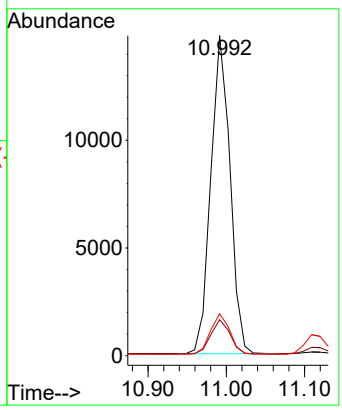


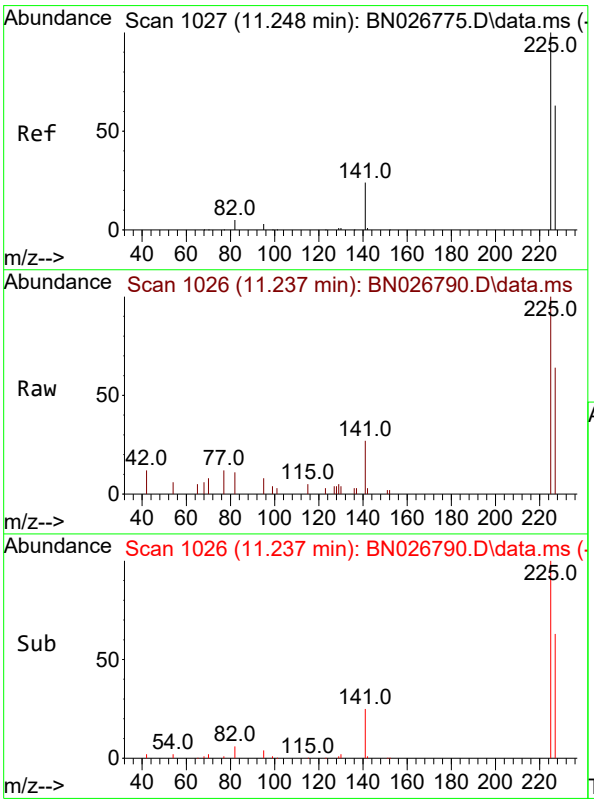
#9
Naphthalene
Concen: 0.357 ng
RT: 10.992 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 25164

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.1	10.6	16.0

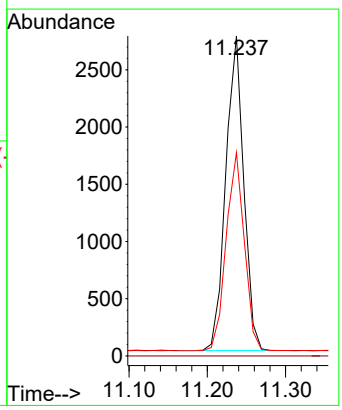


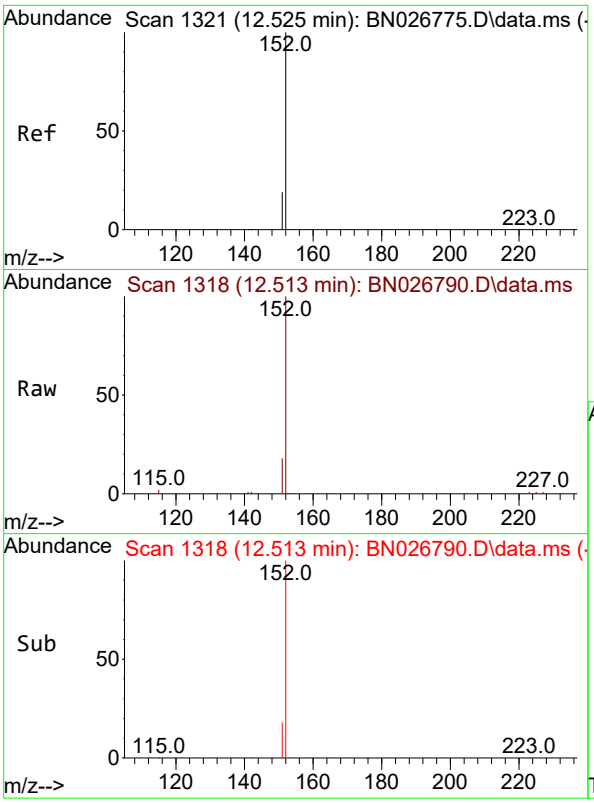


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 11.237 min Scan# 1026
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:225 Resp: 4381

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



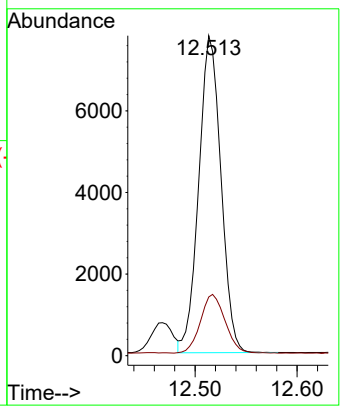


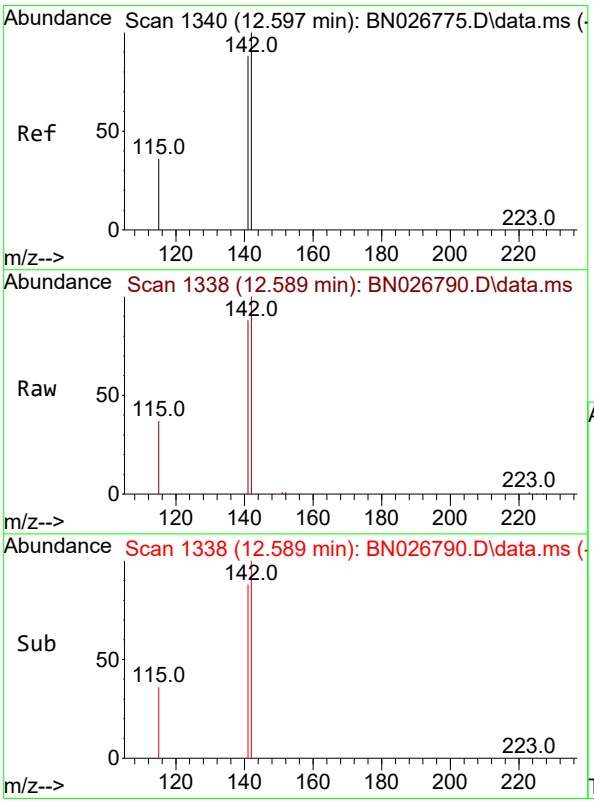
#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.513 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11763

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

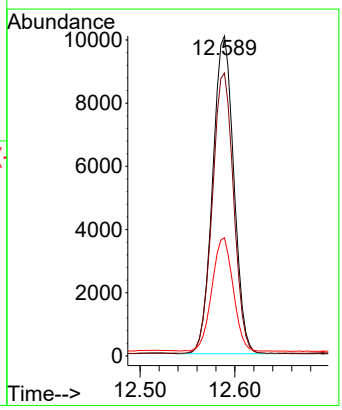


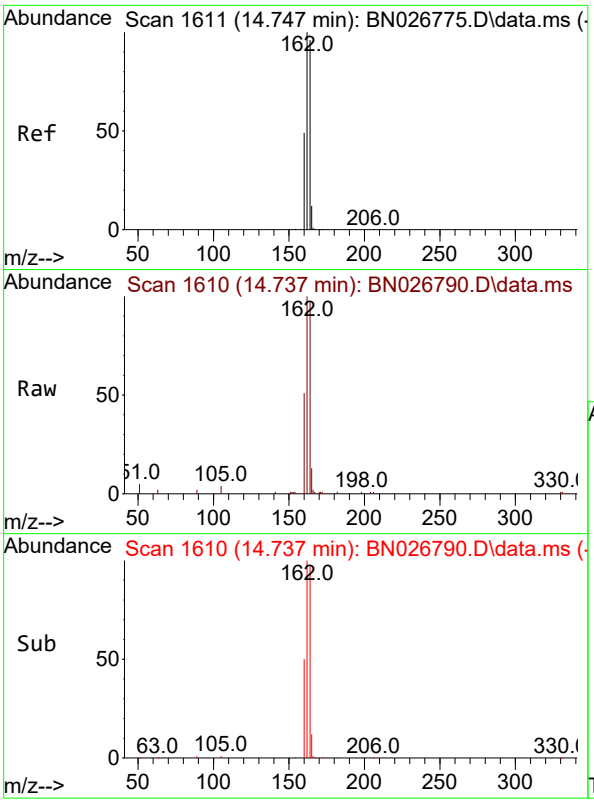


#12
2-Methylnaphthalene
Concen: 0.325 ng
RT: 12.589 min Scan# 1338
Delta R.T. -0.008 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:142 Resp: 15606

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	36.9	29.2	43.8



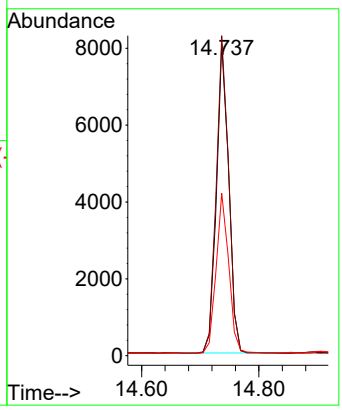


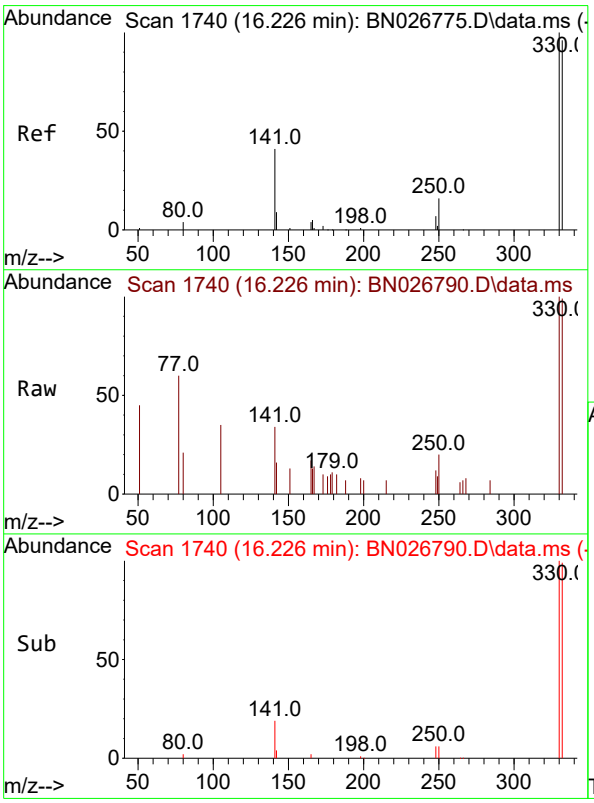
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11758

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	52.1	40.8	61.2

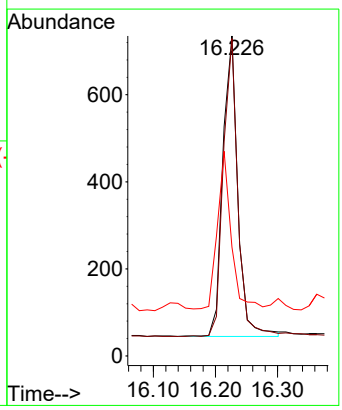


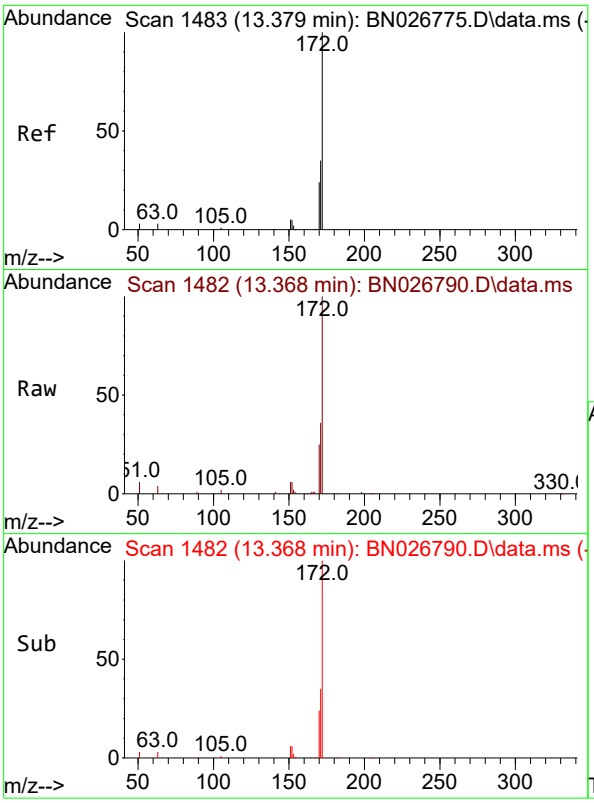


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:330 Resp: 1150

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	47.8	34.8	52.2



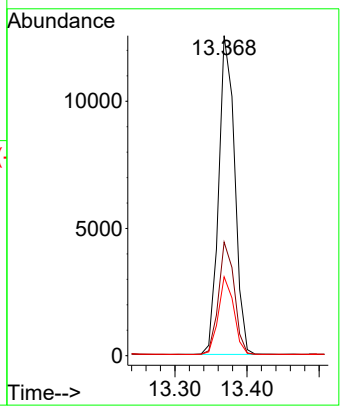


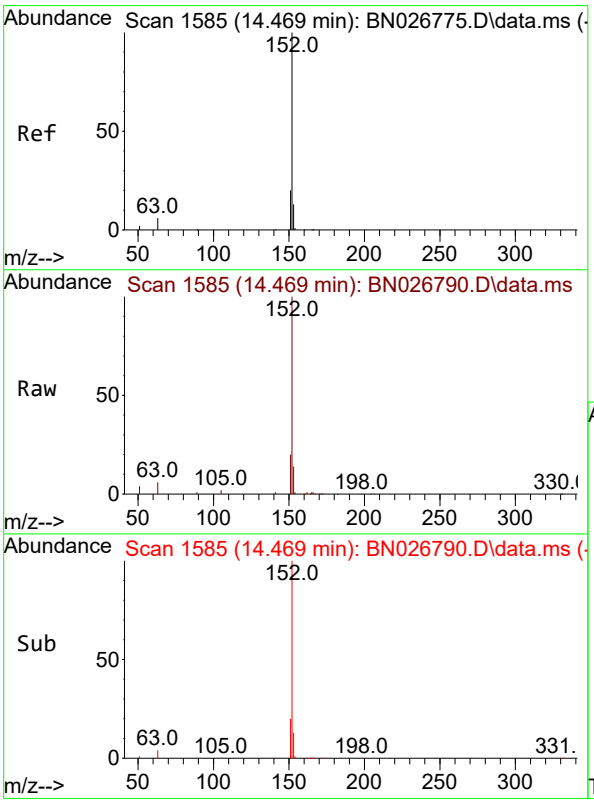
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.368 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19214

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	24.7	19.2	28.8

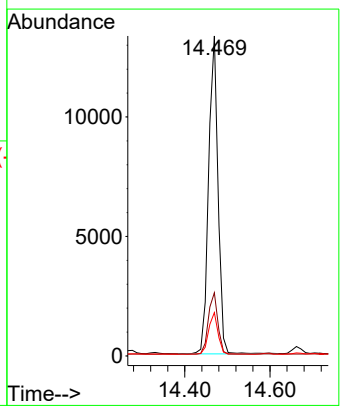


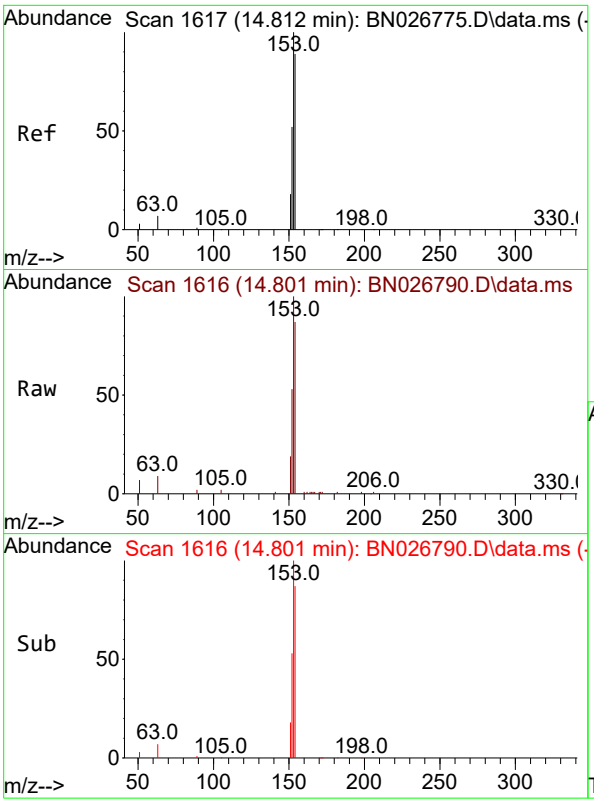


#16
Acenaphthylene
Concen: 0.350 ng
RT: 14.469 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:152 Resp: 20360

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.2	10.5	15.7



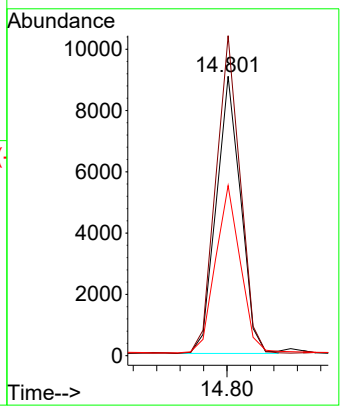


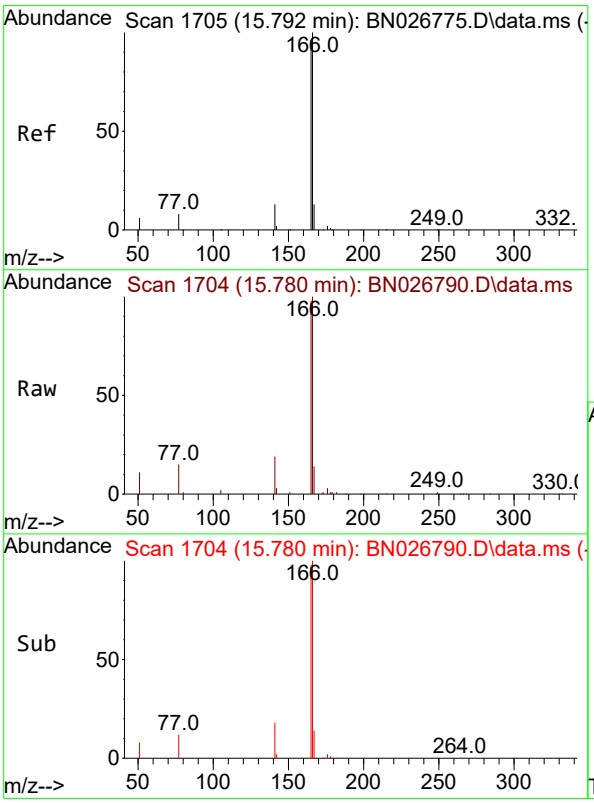
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.801 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 13097

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.0	135.0
152	61.8	48.6	73.0

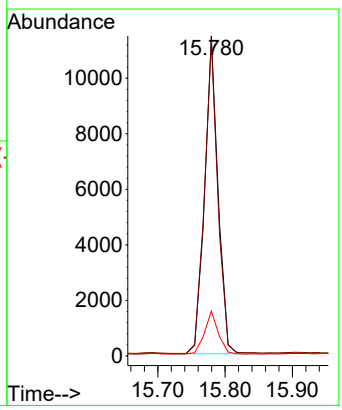


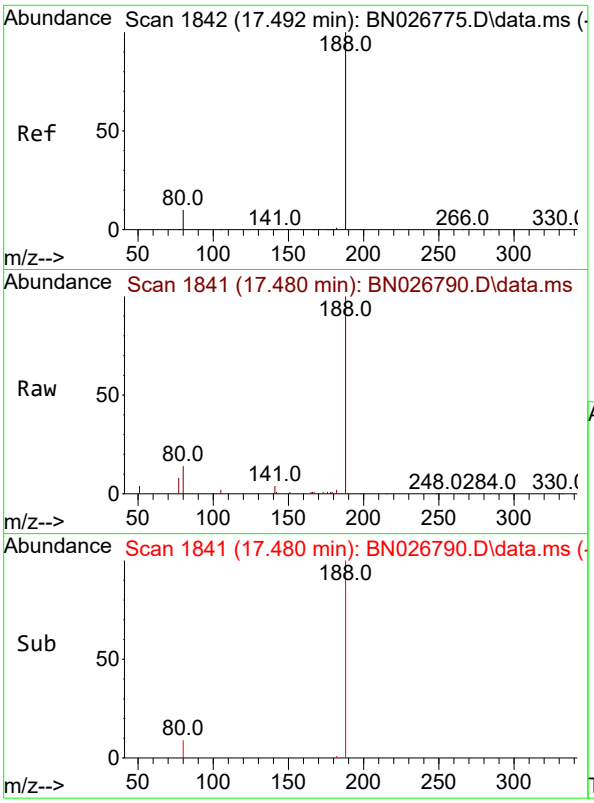


#18
Fluorene
Concen: 0.334 ng
RT: 15.780 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:166 Resp: 15836

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.6
167	13.6	10.9	16.3



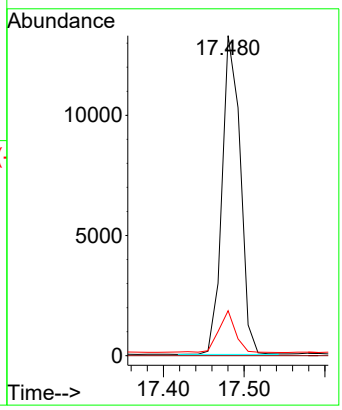


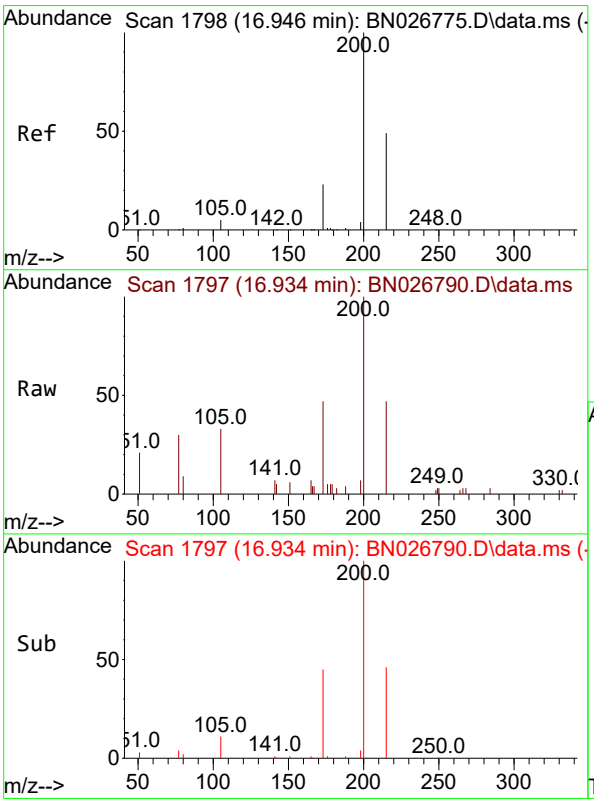
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 20795

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	8.0	12.0#

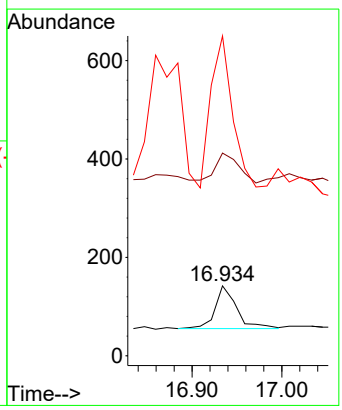


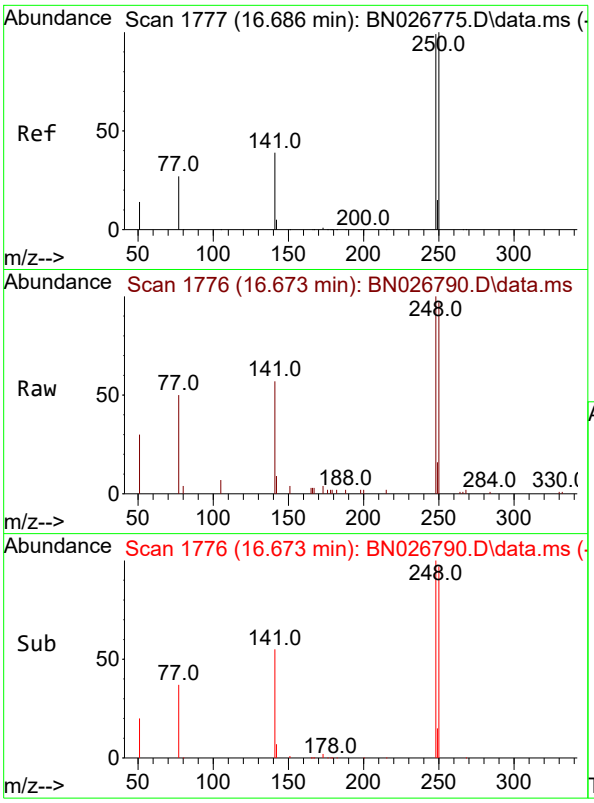


#20
4,6-Dinitro-2-methylphenol
Concen: 0.431 ng
RT: 16.934 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:198 Resp: 145

Ion	Ratio	Lower	Upper
198	100		
51	290.1	150.5	225.7#
105	457.7	165.0	247.6#



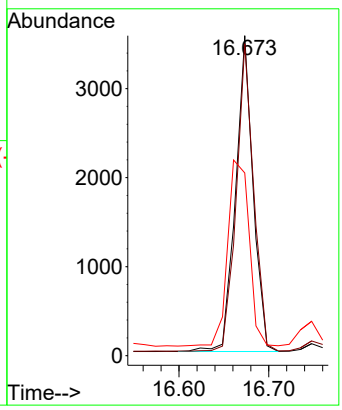


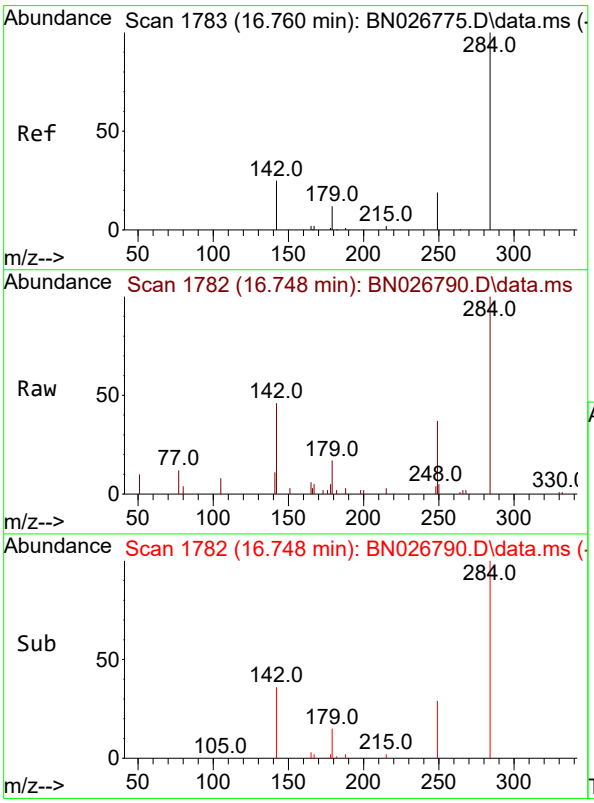
#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.673 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 4800

Ion	Ratio	Lower	Upper
248	100		
250	97.5	80.6	121.0
141	57.1	32.6	48.8#

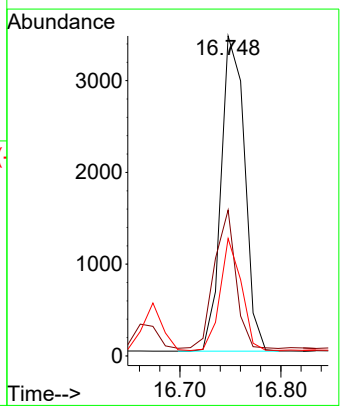


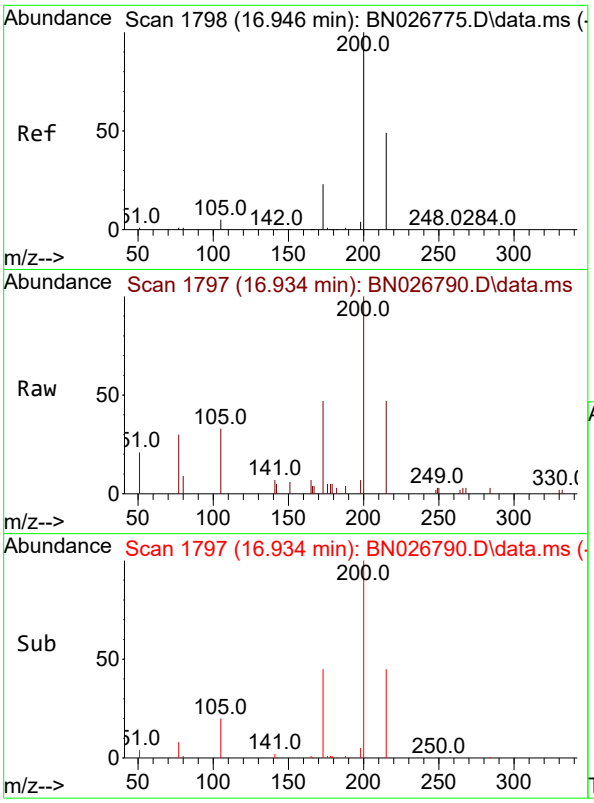


#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.748 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:284 Resp: 5572

Ion	Ratio	Lower	Upper
284	100		
142	39.9	32.0	48.0
249	32.1	25.0	37.4



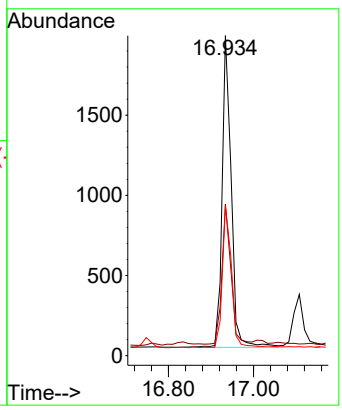


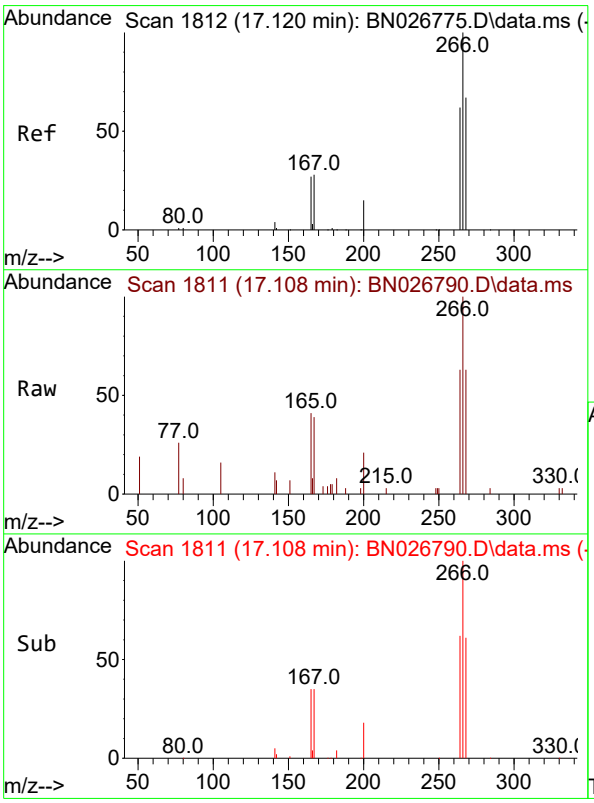
#23
Atrazine
Concen: 0.347 ng
RT: 16.934 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2881

Ion	Ratio	Lower	Upper
200	100		
173	47.4	19.2	28.8#
215	46.8	39.8	59.8

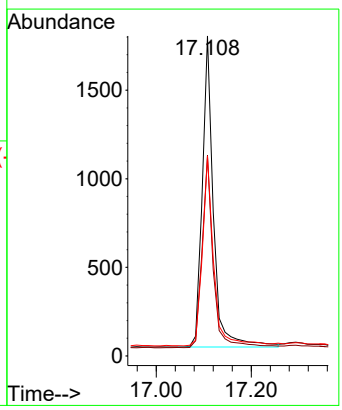


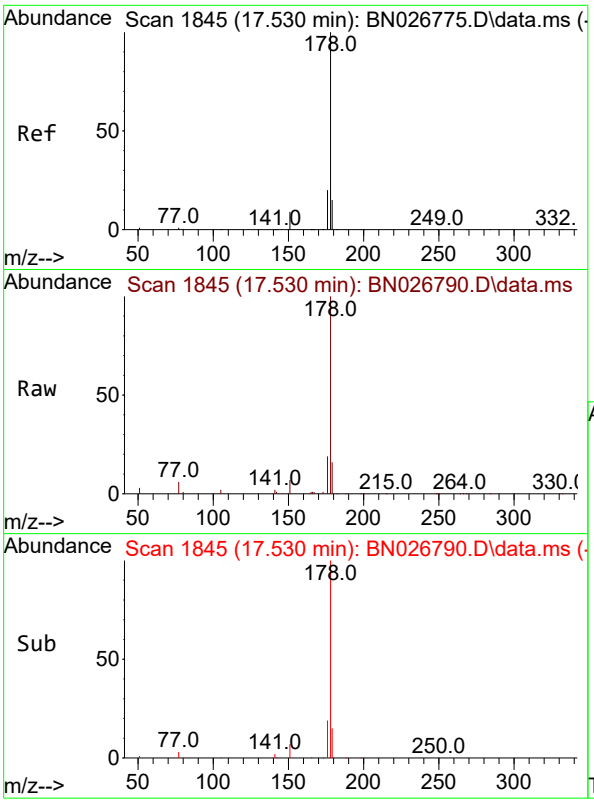


#24
Pentachlorophenol
Concen: 0.780 ng
RT: 17.108 min Scan# 1811
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:266 Resp: 2879

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.8	76.2
268	62.0	50.8	76.2



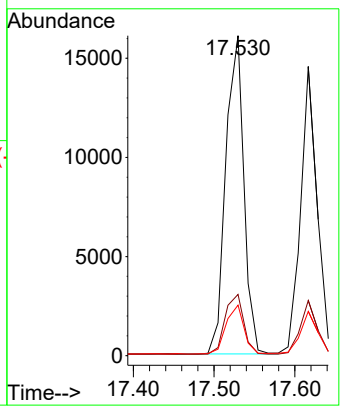


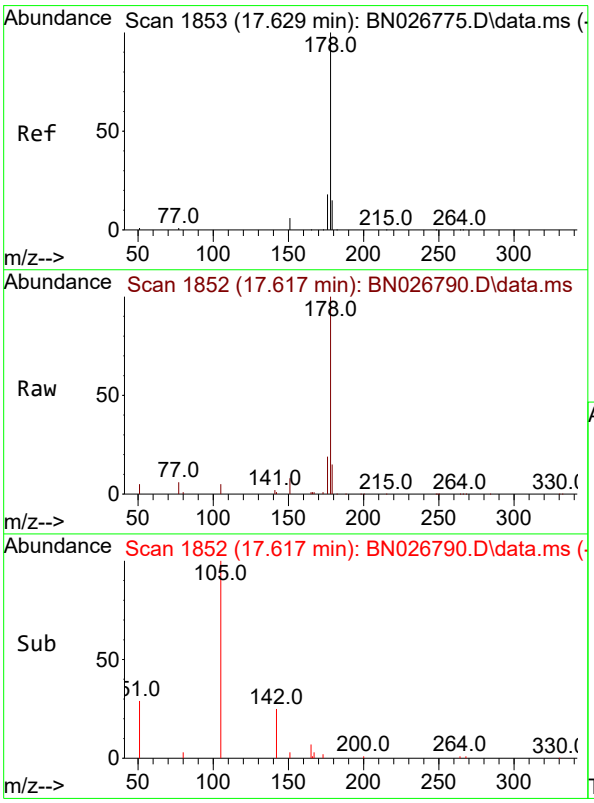
#25
Phenanthrene
Concen: 0.396 ng
RT: 17.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 25004

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	12.2	18.2

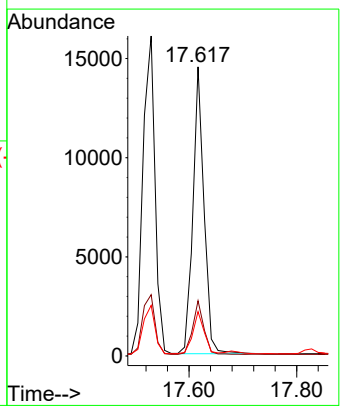


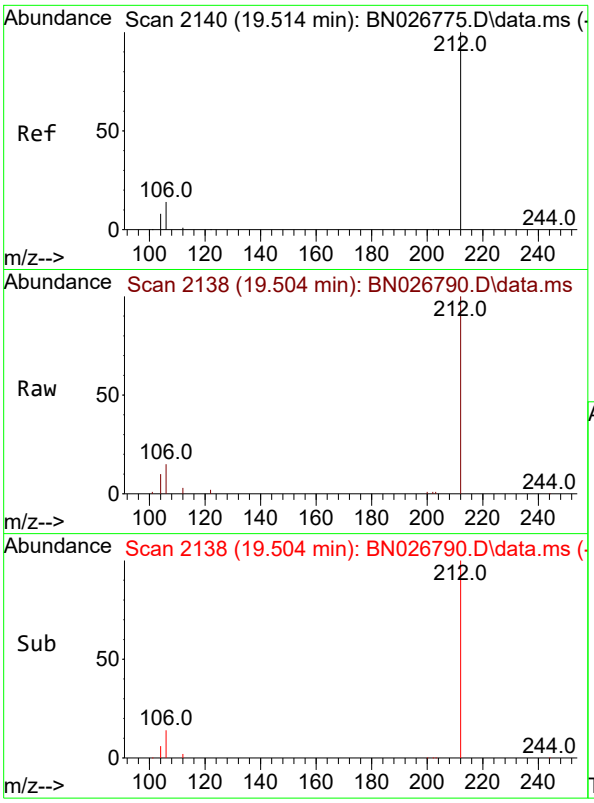


#26
Anthracene
Concen: 0.367 ng
RT: 17.617 min Scan# 1852
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:178 Resp: 20720

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	14.9	12.2	18.2



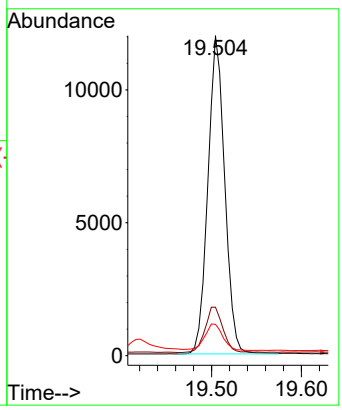


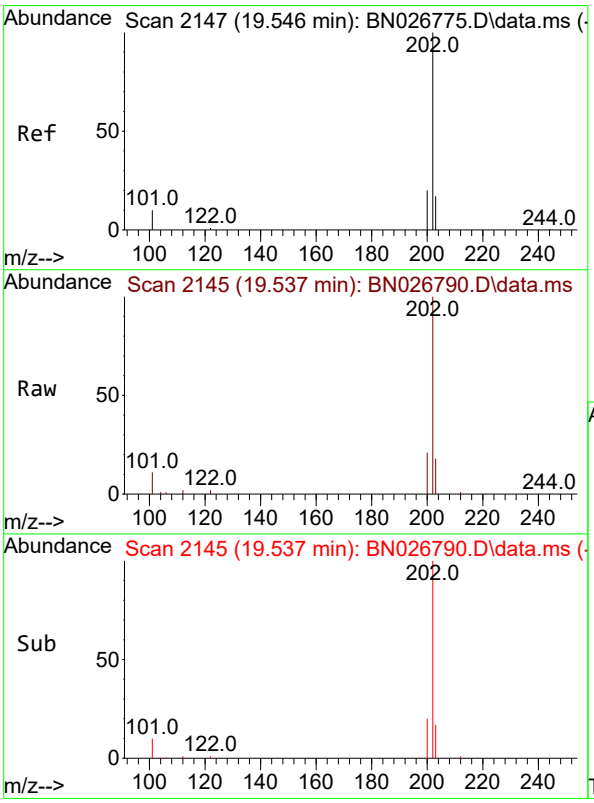
#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 15590

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.7	17.5
104	8.9	6.4	9.6

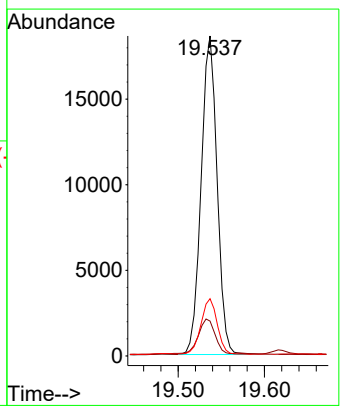


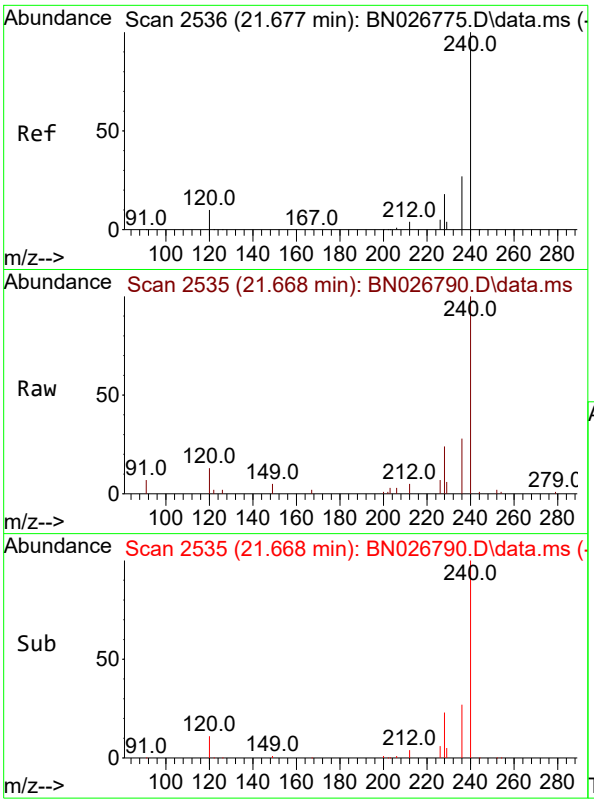


#28
Fluoranthene
Concen: 0.340 ng
RT: 19.537 min Scan# 2145
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:202 Resp: 23927

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
203	17.7	13.7	20.5



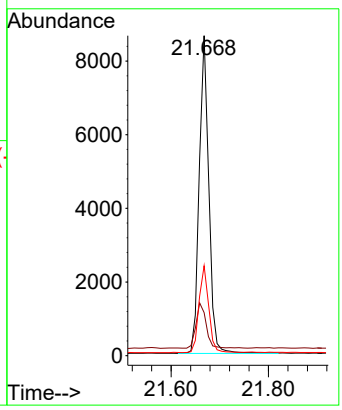


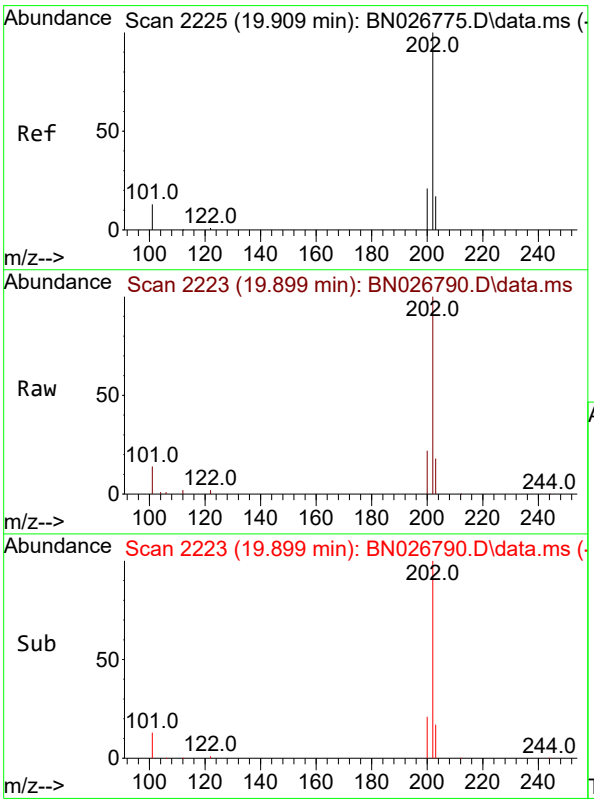
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.668 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11792

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.2	13.8
236	28.1	21.9	32.9

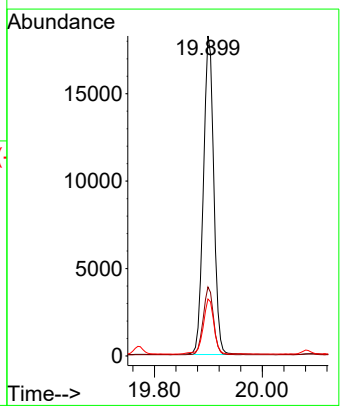


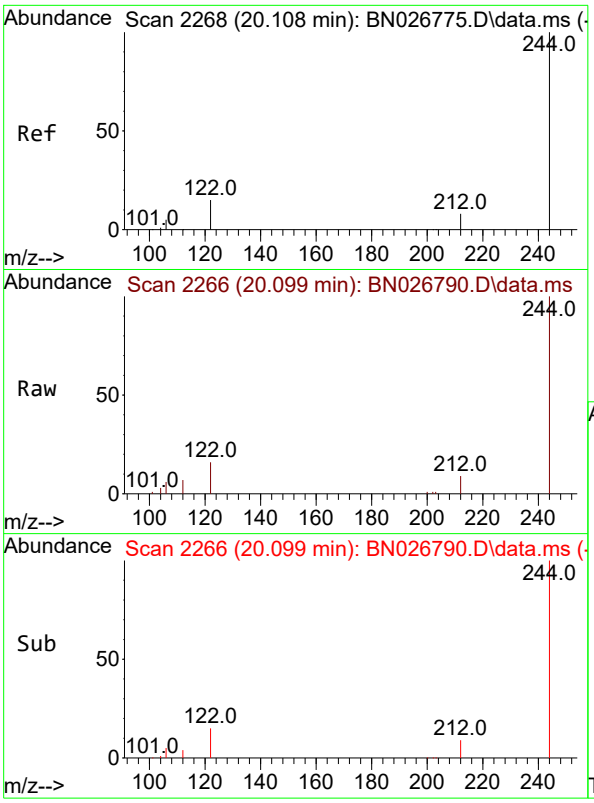


#30
Pyrene
Concen: 0.478 ng
RT: 19.899 min Scan# 2223
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:202 Resp: 24372

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.8	14.2	21.2



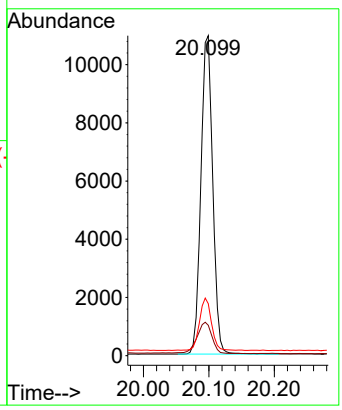


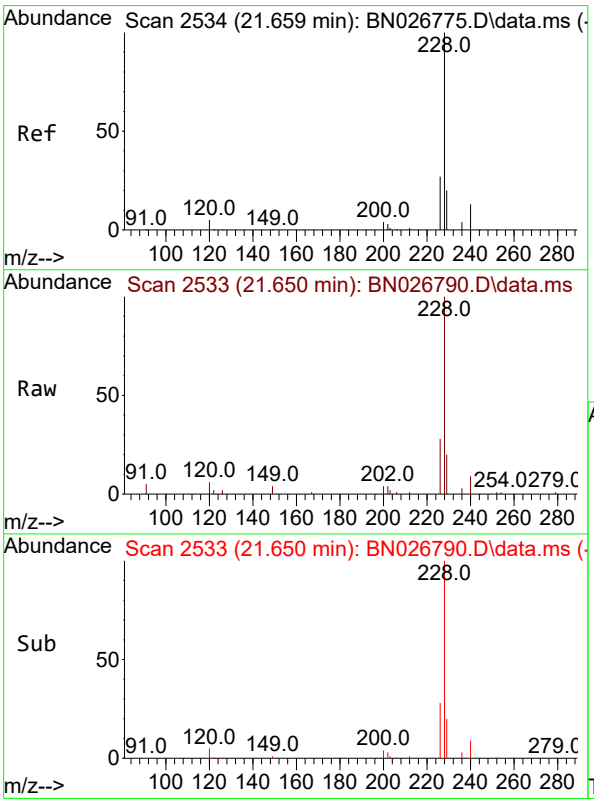
#31
Terphenyl-d14
Concen: 0.557 ng
RT: 20.099 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 13697

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	16.3	12.3	18.5

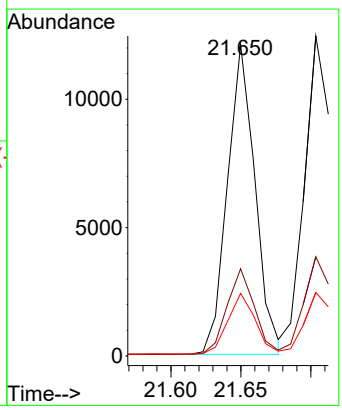


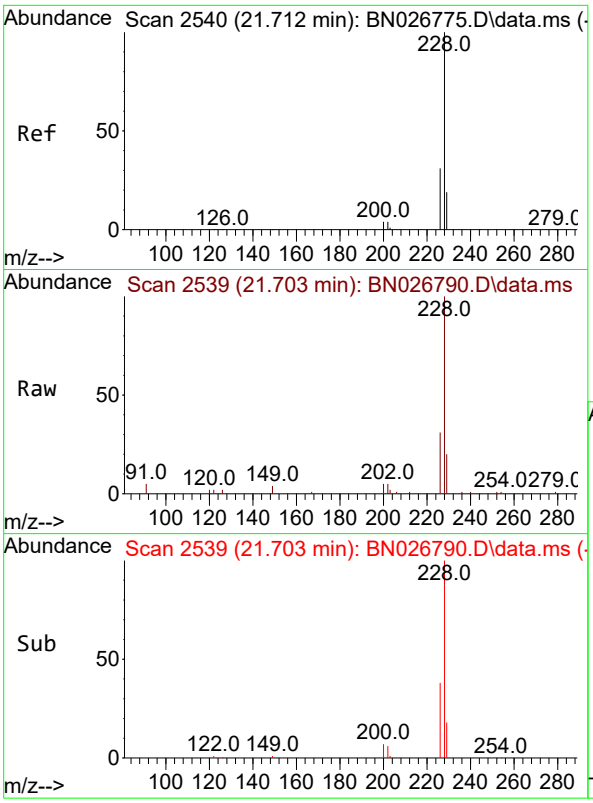


#32
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:228 Resp: 16573

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	20.1	15.8	23.8



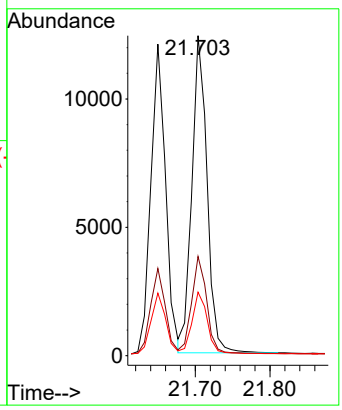


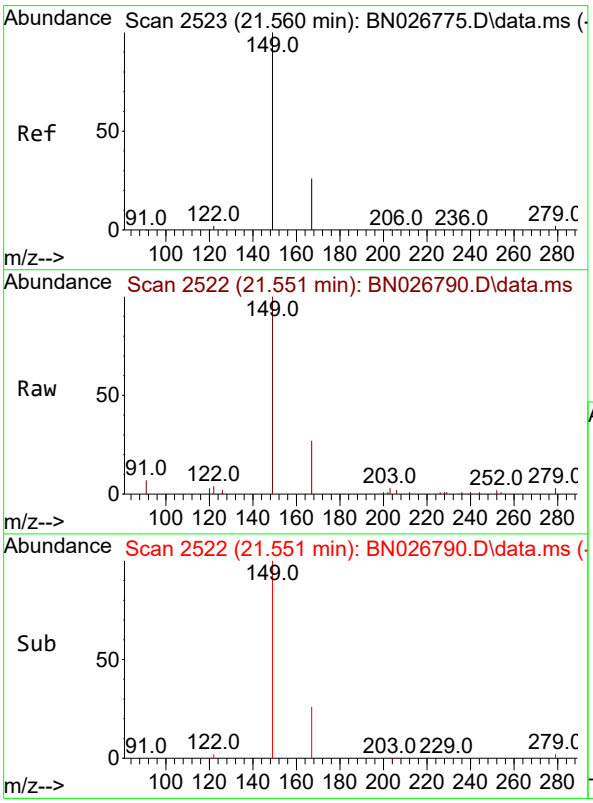
#33
Chrysene
Concen: 0.390 ng
RT: 21.703 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17478

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	19.8	15.4	23.2

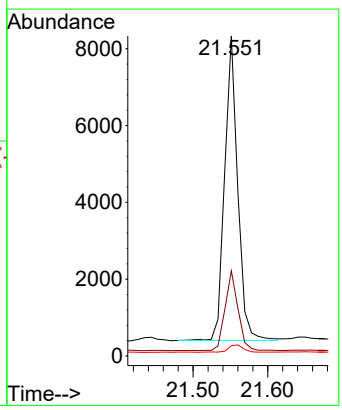


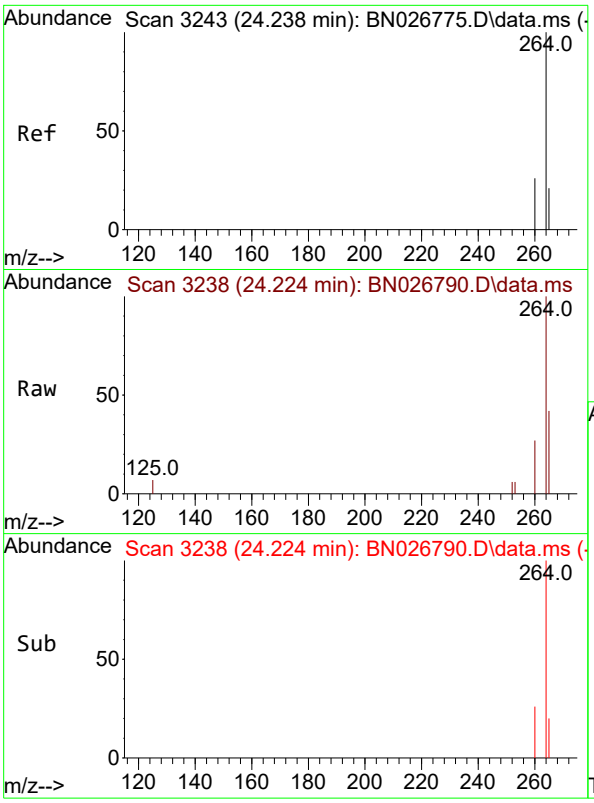


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.721 ng
RT: 21.551 min Scan# 2522
Delta R.T. -0.009 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:149 Resp: 9670

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.8	31.2
279	2.8	2.4	3.6



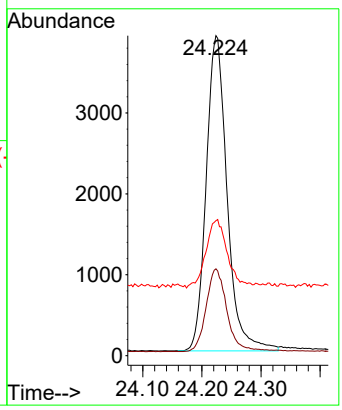


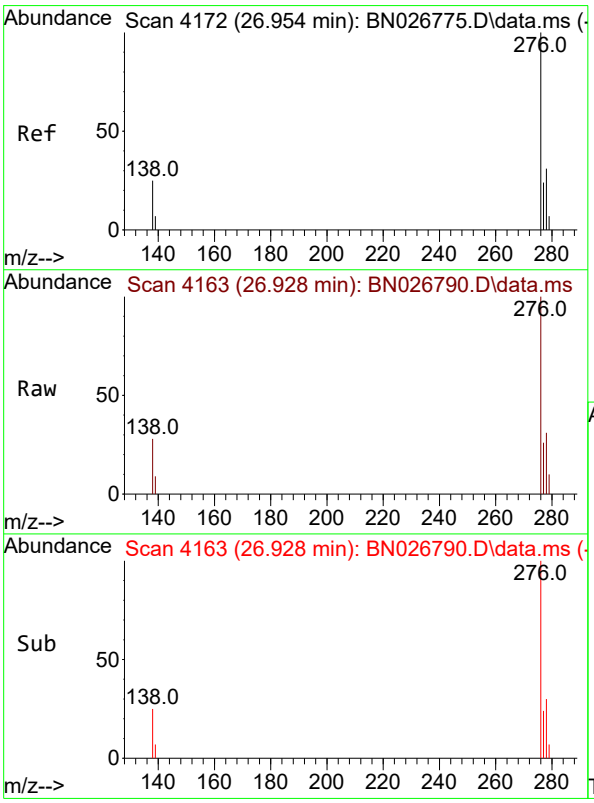
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.224 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 9578

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	42.2	22.6	33.8#

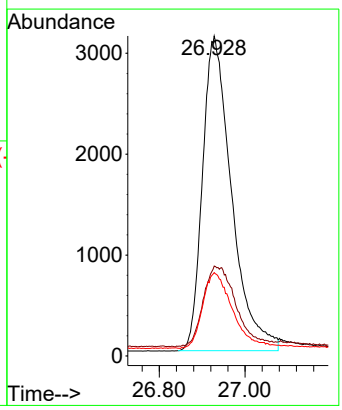


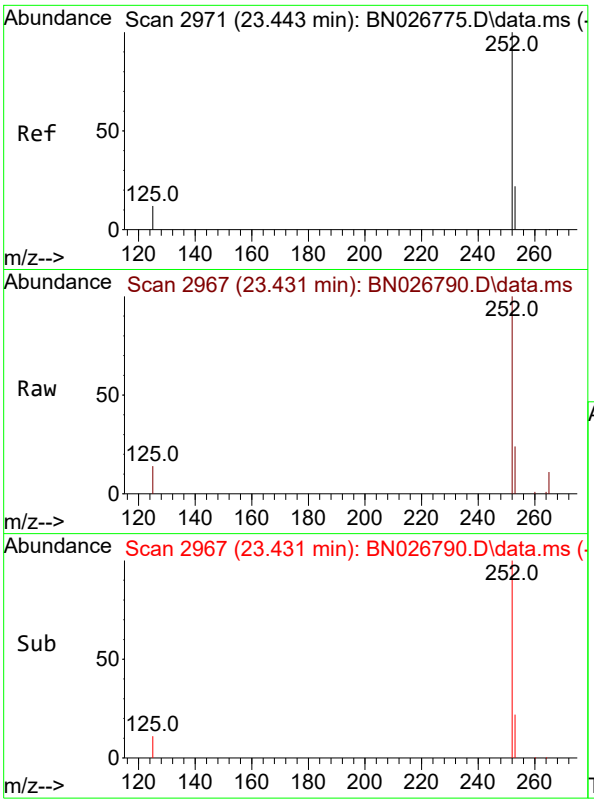


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 26.928 min Scan# 4163
Delta R.T. -0.026 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:276 Resp: 14692

Ion	Ratio	Lower	Upper
276	100		
138	13.8	22.8	34.2#
277	24.7	19.9	29.9



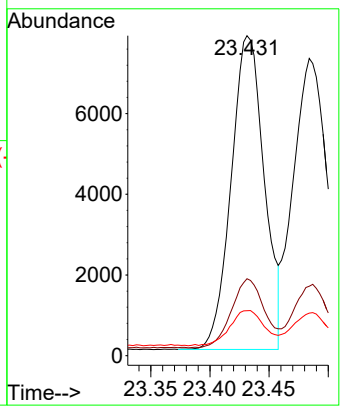


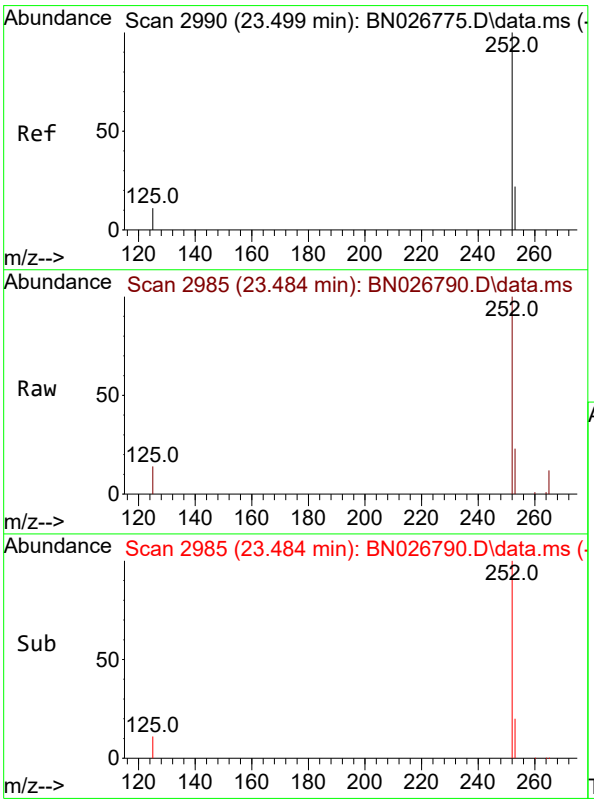
#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.431 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 15120

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	14.1	10.8	16.2

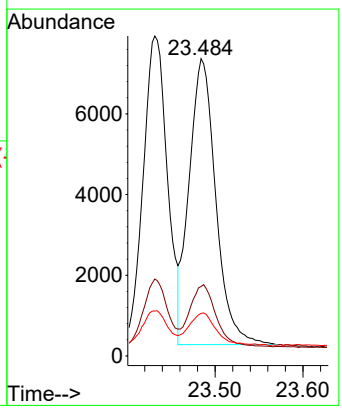


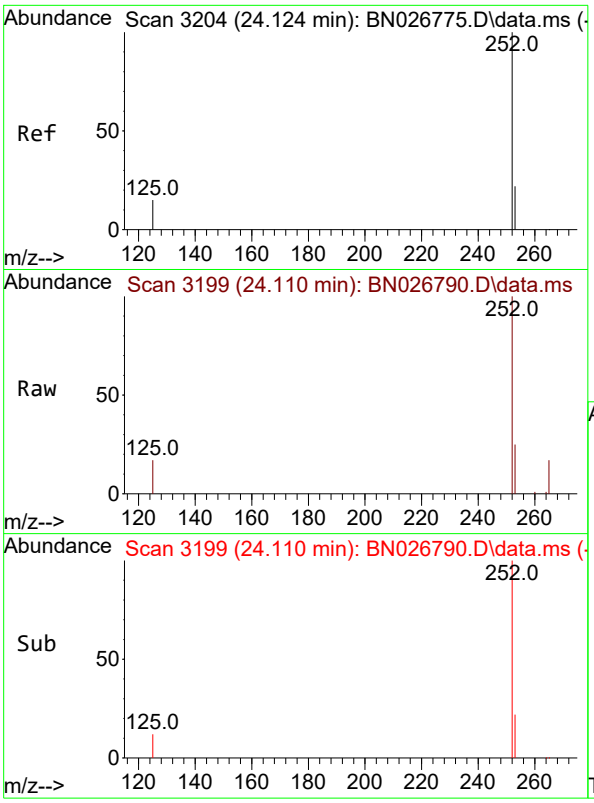


#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.484 min Scan# 2985
Delta R.T. -0.015 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:252 Resp: 14974

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.3	9.4	14.2#



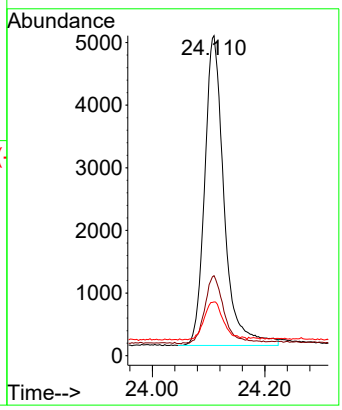


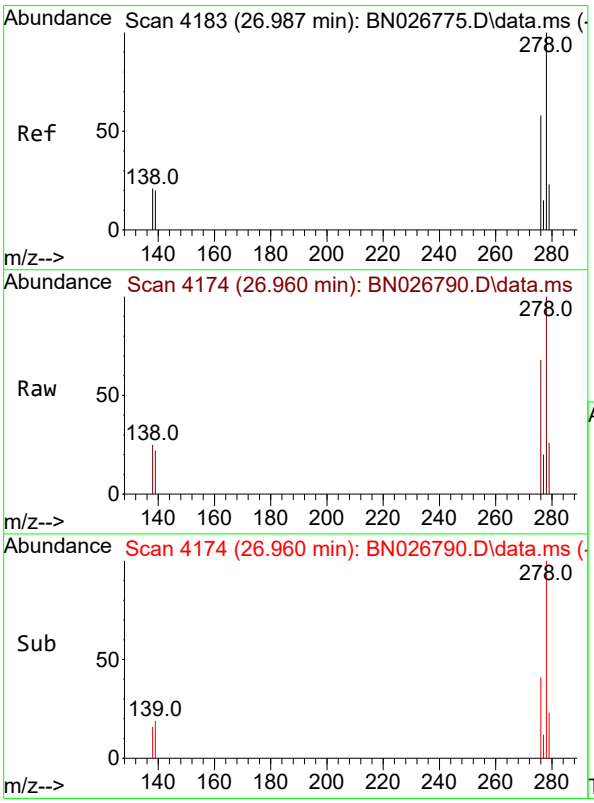
#39
Benzo(a)pyrene
Concen: 0.345 ng
RT: 24.110 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11842

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	16.8	12.7	19.1

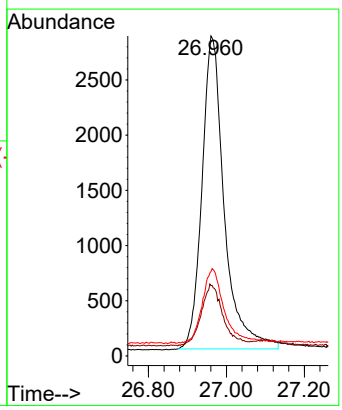


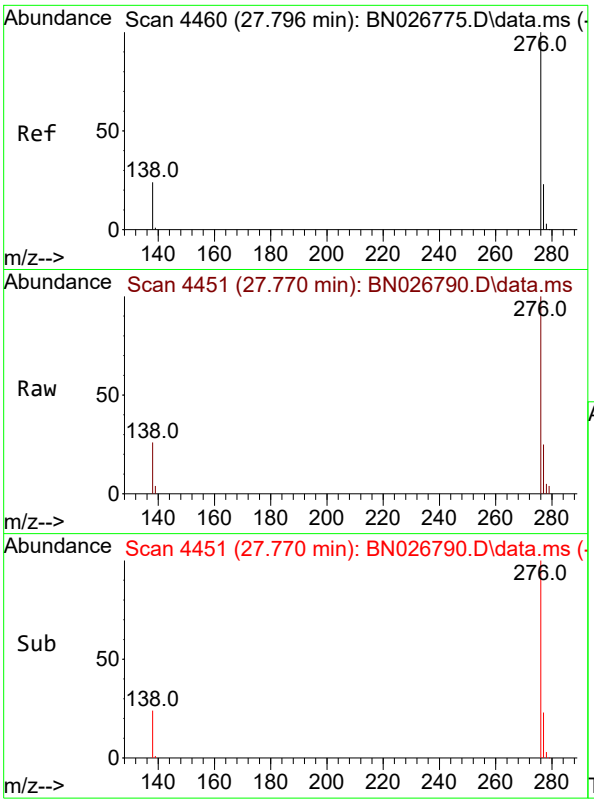


#40
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.960 min Scan# 4174
Delta R.T. -0.026 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Tgt Ion:278 Resp: 11268

Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.8	25.2
279	26.4	19.5	29.3





#41
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 27.770 min Scan# 44
Delta R.T. -0.026 min
Lab File: BN026790.D
Acq: 02 Aug 2023 09:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13894

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.1	28.7
138	26.5	19.8	29.6