Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035226.D
Acq On : 21 Nov 2024 17:36
Operator : RC/JU
Sample : PB165012BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Quant Time: Nov 21 23:04:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	3340	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	7691	0.400	ng	# 0.00
13) Acenaphthene-d10	13.986	164	4263	0.400	ng	0.00
19) Phenanthrene-d10	16.746	188	8289	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	1030	0.400	ng	# 0.00
35) Perylene-d12	23.101	264	1173	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.989	112	3292	0.388	ng	0.00
5) Phenol-d6	6.534	99	3928	0.369	ng	0.00
8) Nitrobenzene-d5	8.461	82	1858	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	11.677	152	4481	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.494	330	954	0.310	ng	0.00
15) 2-Fluorobiphenyl	12.607	172	1496	0.086	ng	0.00
27) Fluoranthene-d10	18.806	212	6678	0.263	ng	0.00
31) Terphenyl-d14	19.433	244	4805	2.223	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.017	88	1150	0.379	ng	# 58
3) n-Nitrosodimethylamine	3.306	42	1040	0.368	ng	# 99
6) bis(2-Chloroethyl)ether	6.773	93	3339	0.418	ng	95
9) Naphthalene	10.126	128	8021	0.399	ng	99
10) Hexachlorobutadiene	10.425	225	1793	0.305	ng	# 99
12) 2-Methylnaphthalene	11.753	142	5384	0.363	ng	97
16) Acenaphthylene	13.698	152	7197	0.395	ng	99
17) Acenaphthene	14.040	154	4817	0.403	ng	98
18) Fluorene	15.045	166	6416	0.365	ng	99
20) 4,6-Dinitro-2-methylph...	15.141	198	296	0.172	ng	# 22
21) 4-Bromophenyl-phenylether	15.951	248	2101	0.398	ng	# 77
22) Hexachlorobenzene	16.063	284	2505	0.457	ng	97
24) Pentachlorophenol	16.411	266	1606	0.627	ng	96
25) Phenanthrene	16.795	178	8986	0.412	ng	99
26) Anthracene	16.882	178	8282	0.413	ng	99
28) Fluoranthene	18.834	202	8504	0.283	ng	# 98
30) Pyrene	19.201	202	6940	2.023	ng	99
32) Benzo(a)anthracene	21.026	228	7390	2.061	ng	# 94
33) Chrysene	21.026	228	7390	2.080	ng	97
34) Bis(2-ethylhexyl)phtha...	21.008	149	891	0.473	ng	# 81
36) Indeno(1,2,3-cd)pyrene	25.159	276	4451	0.951	ng	# 88
37) Benzo(b)fluoranthene	22.481	252	5897	1.494	ng	# 87
38) Benzo(k)fluoranthene	22.522	252	4976	1.260	ng	# 84
39) Benzo(a)pyrene	23.007	252	3441	0.991	ng	# 75
40) Dibenzo(a,h)anthracene	25.174	278	4731	1.276	ng	# 83
41) Benzo(g,h,i)perylene	25.770	276	3544	0.899	ng	# 83

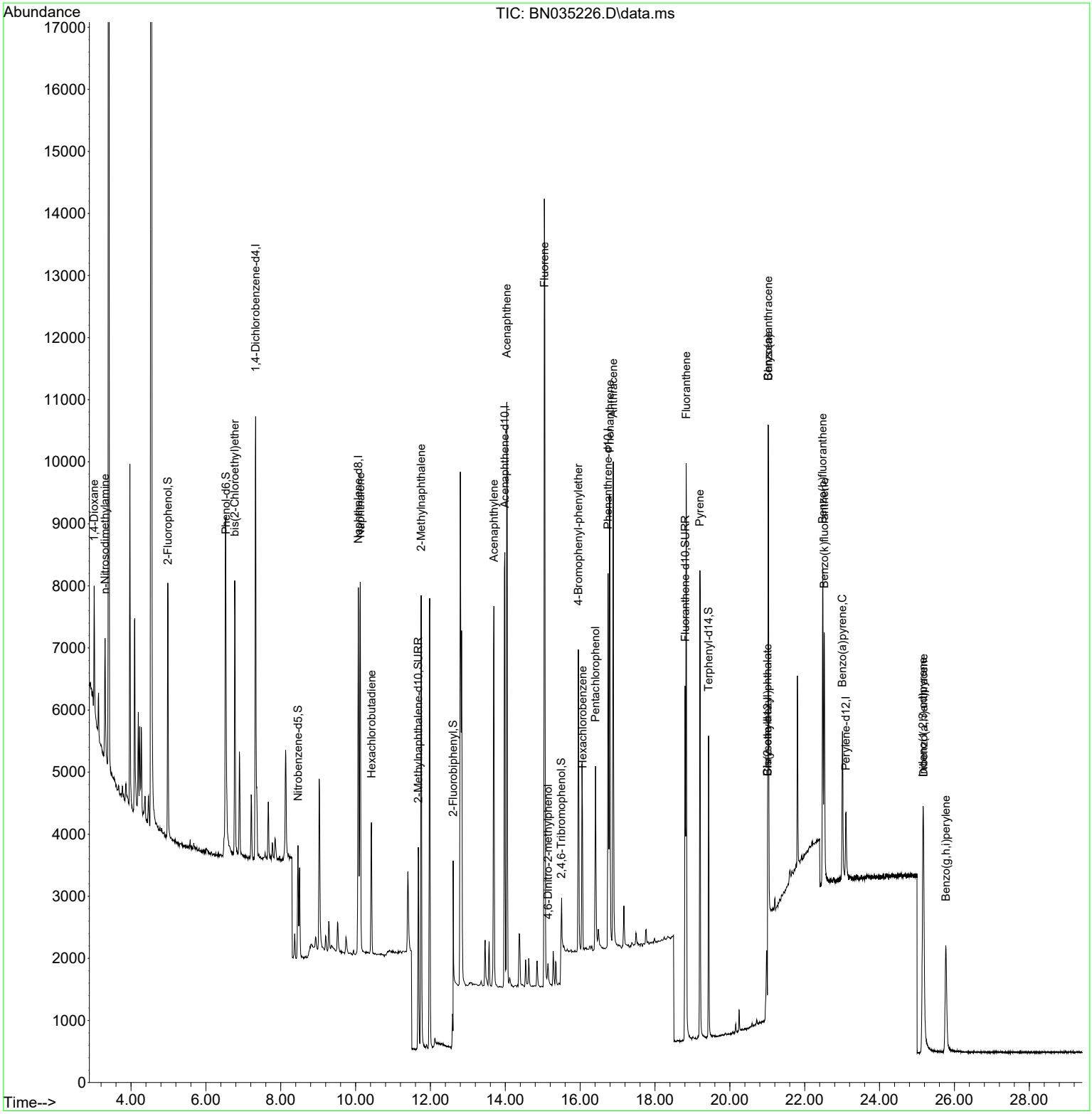
(#) = qualifier out of range (m) = manual integration (+) = signals summed

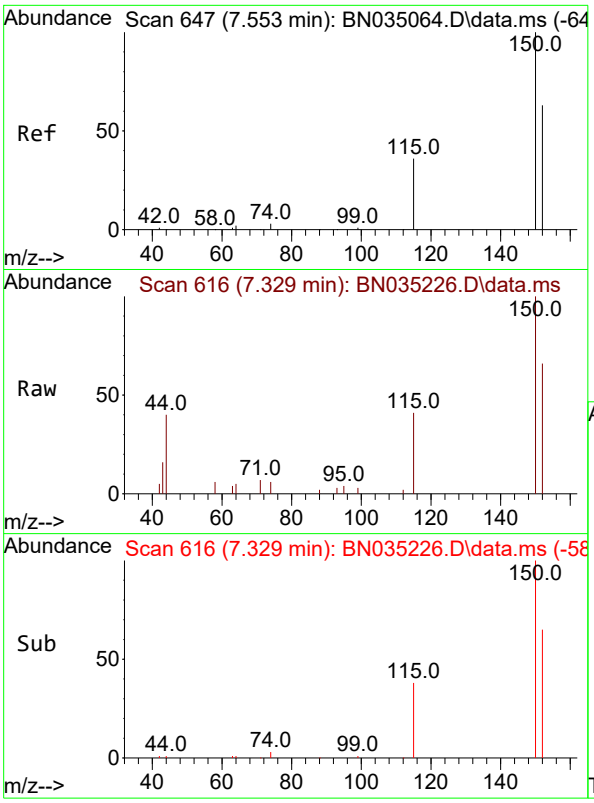
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035226.D
Acq On : 21 Nov 2024 17:36
Operator : RC/JU
Sample : PB165012BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Quant Time: Nov 21 23:04:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
Response via : Initial Calibration



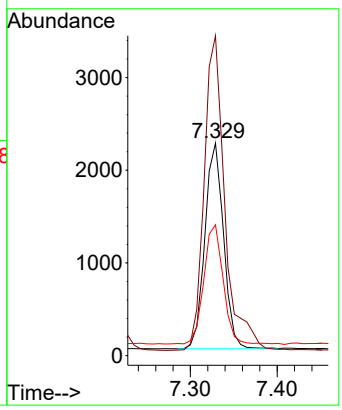


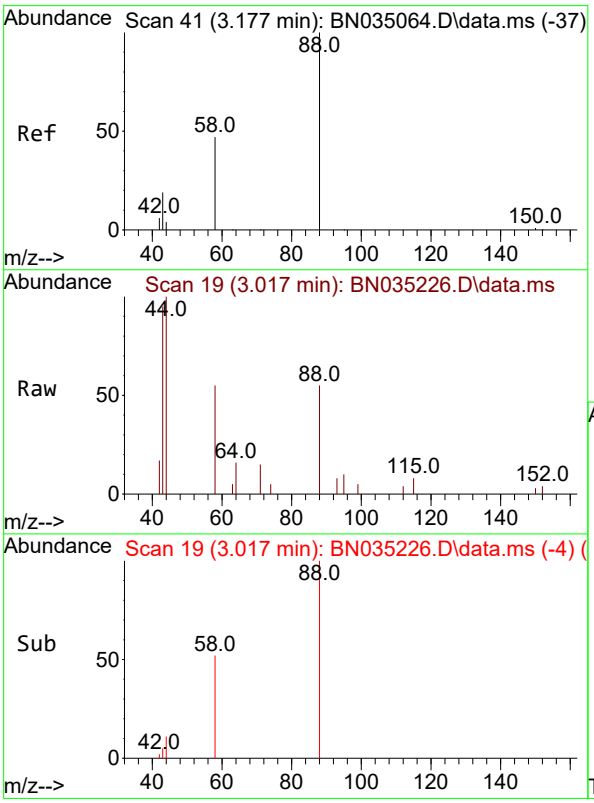
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.329 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:152 Resp: 3340

Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.5	186.7
115	61.6	47.8	71.6

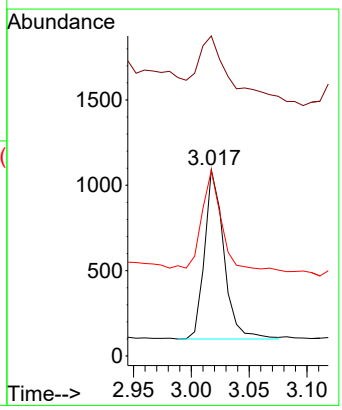


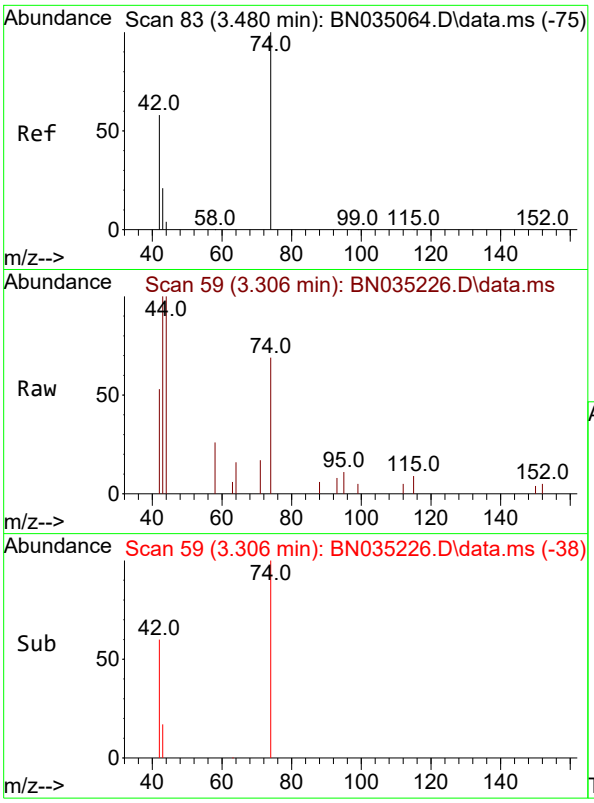


#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.017 min Scan# 19
Delta R.T. 0.007 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion: 88 Resp: 1150

Ion	Ratio	Lower	Upper
88	100		
43	60.6	16.9	25.3#
58	64.3	39.0	58.4#



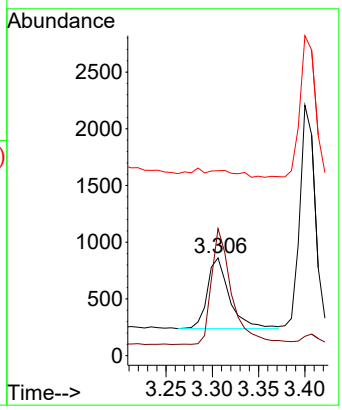


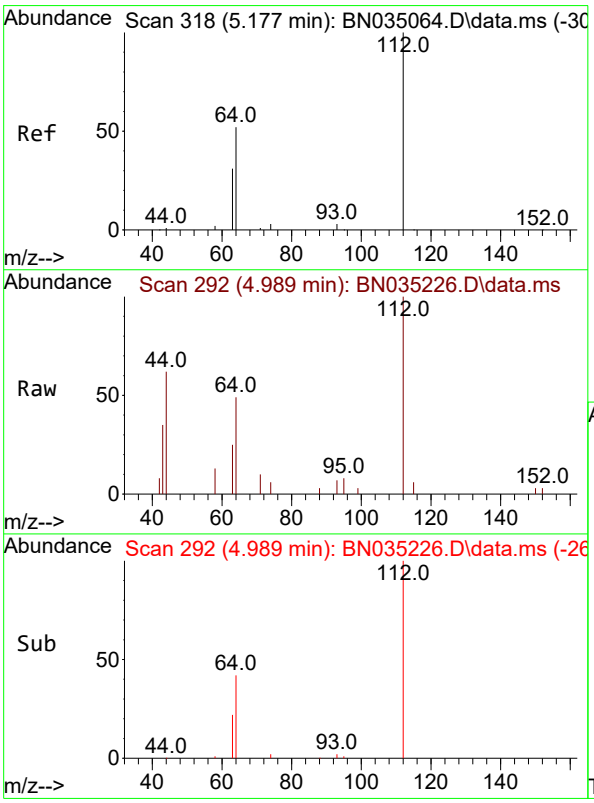
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.306 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion: 42 Resp: 1040

Ion	Ratio	Lower	Upper
42	100		
74	151.4	120.8	181.2
44	0.0	2.9	4.3#

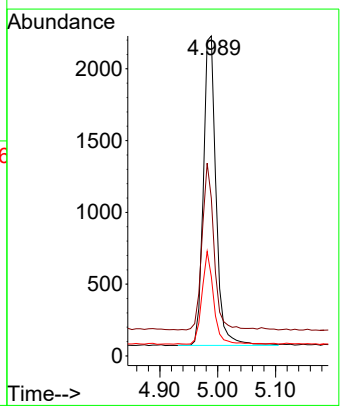


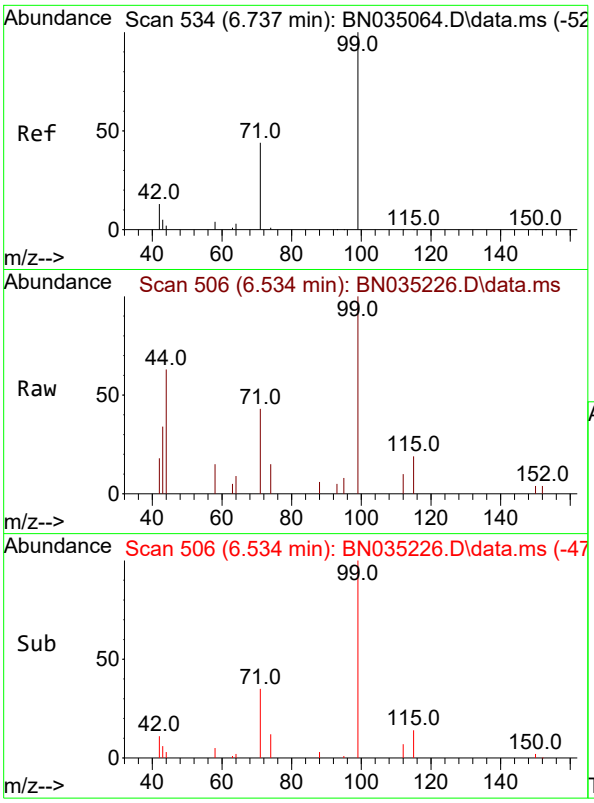


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 4.989 min Scan# 292
Delta R.T. 0.007 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:112 Resp: 3292

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.7	59.5
63	27.5	23.0	34.4



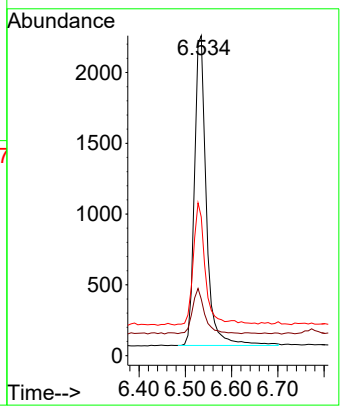


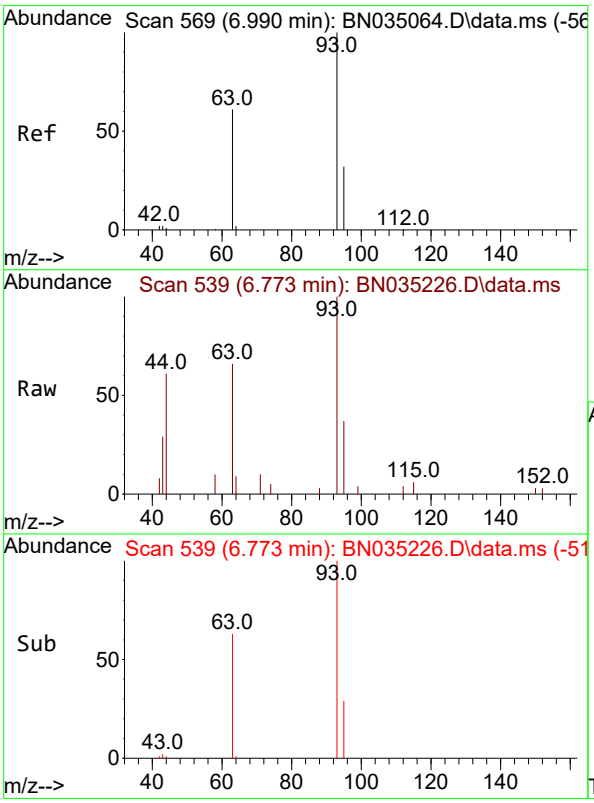
#5
Phenol-d6
Concen: 0.369 ng
RT: 6.534 min Scan# 5(
Delta R.T. 0.007 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion: 99 Resp: 3928

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.4	17.0
71	38.8	34.6	51.8

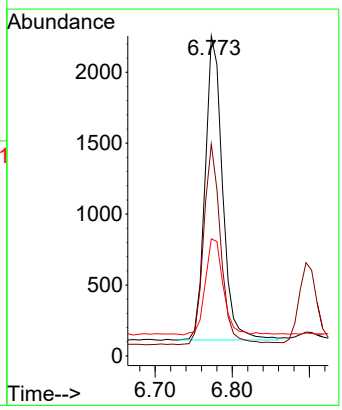


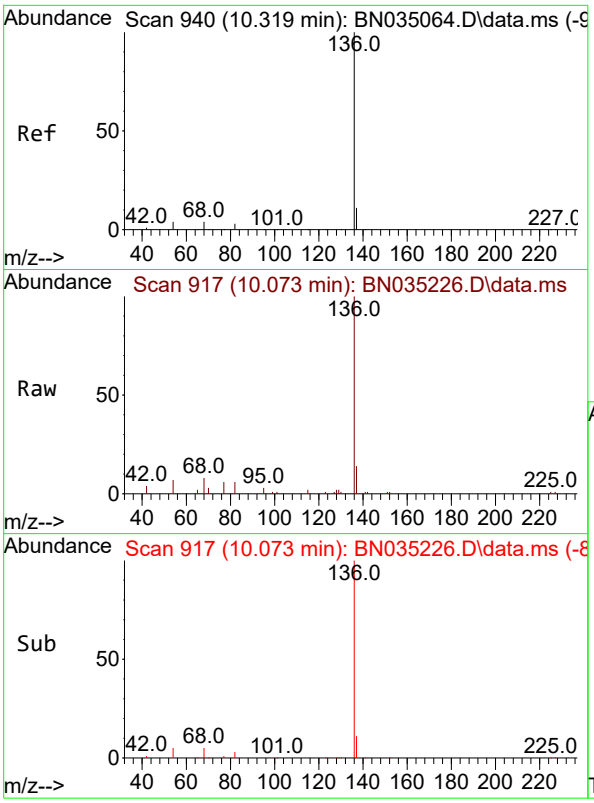


#6
bis(2-Chloroethyl)ether
Concen: 0.418 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion: 93 Resp: 3339

Ion	Ratio	Lower	Upper
93	100		
63	64.8	47.4	71.2
95	32.8	26.2	39.4



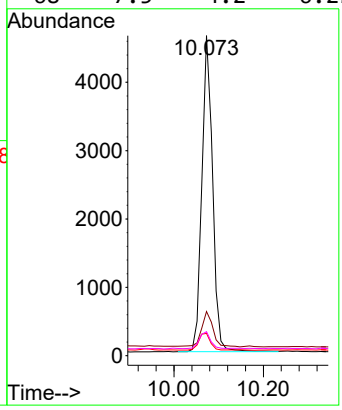


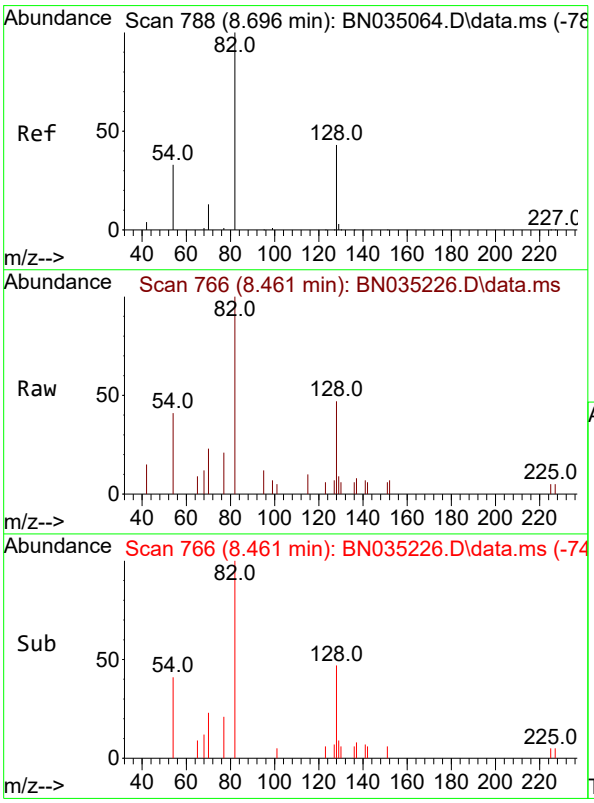
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 91
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:136 Resp: 7691

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.8	14.8
54	6.9	4.0	6.0#
68	7.5	4.2	6.2#

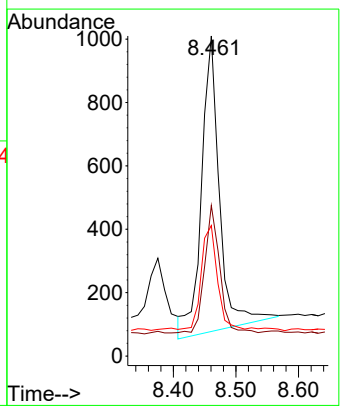


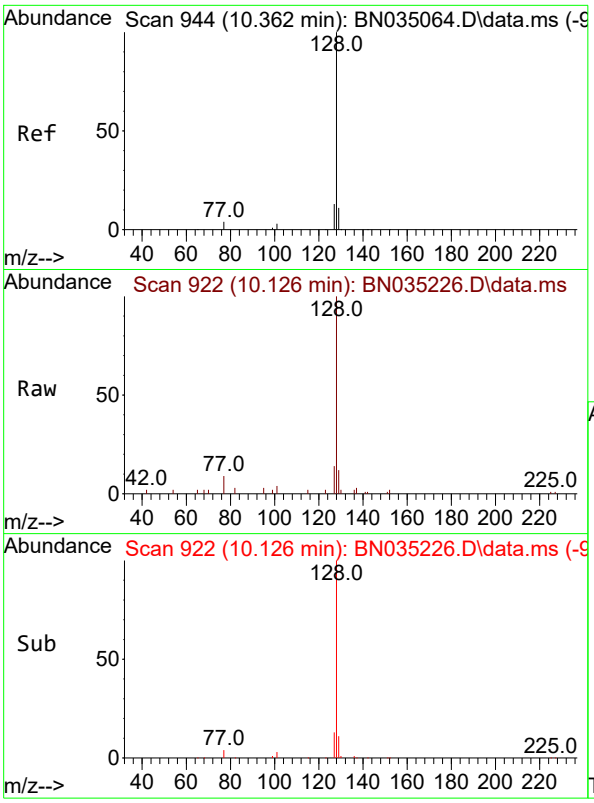


#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.461 min Scan# 766
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion: 82 Resp: 1858

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	40.8	28.7	43.1



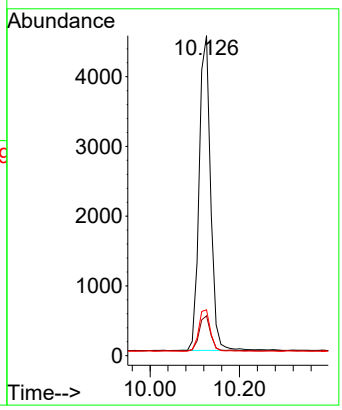


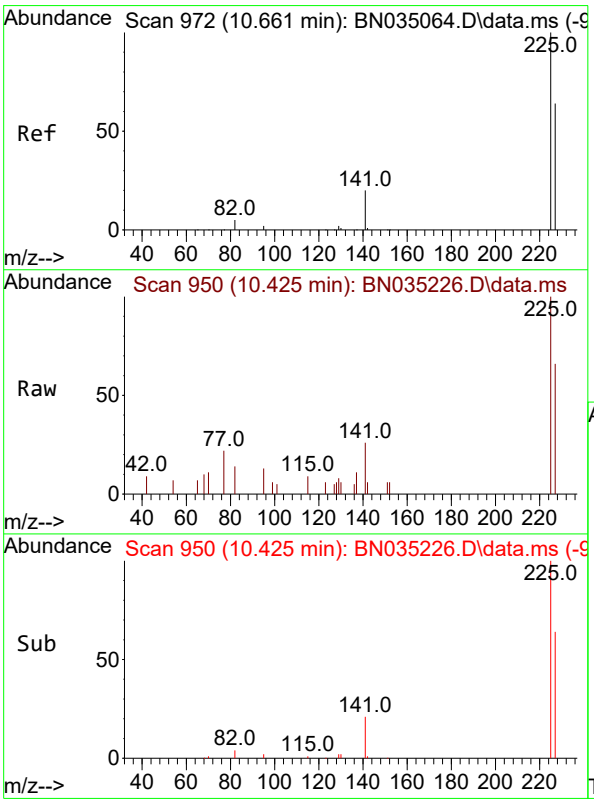
#9
Naphthalene
Concen: 0.399 ng
RT: 10.126 min Scan# 9
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:128 Resp: 8021

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.6	14.4
127	14.3	11.6	17.4

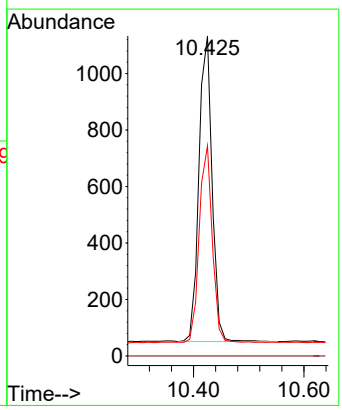


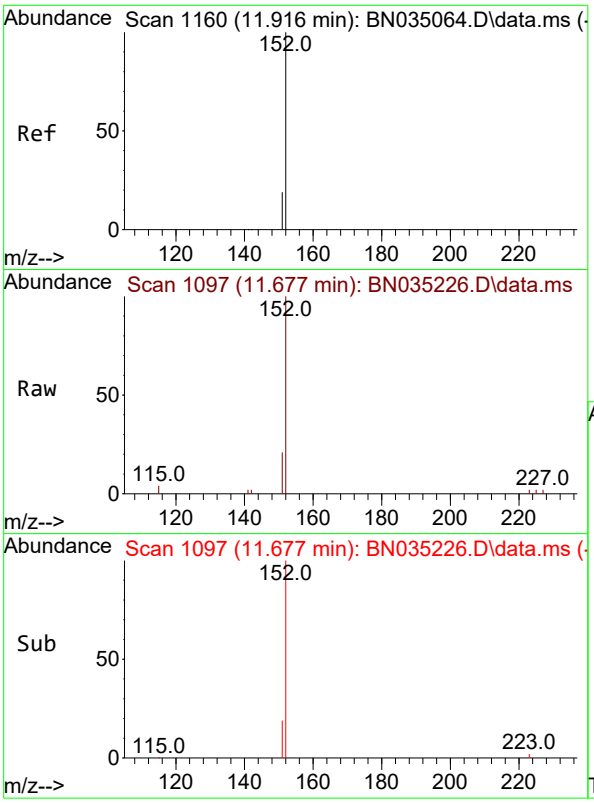


#10
Hexachlorobutadiene
Concen: 0.305 ng
RT: 10.425 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:225 Resp: 1793

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.5	77.3



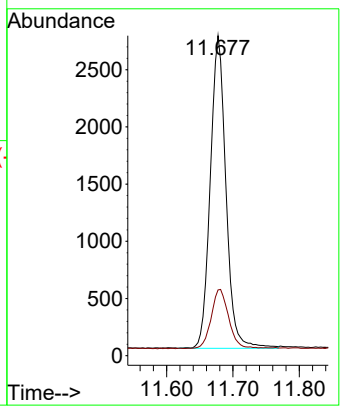


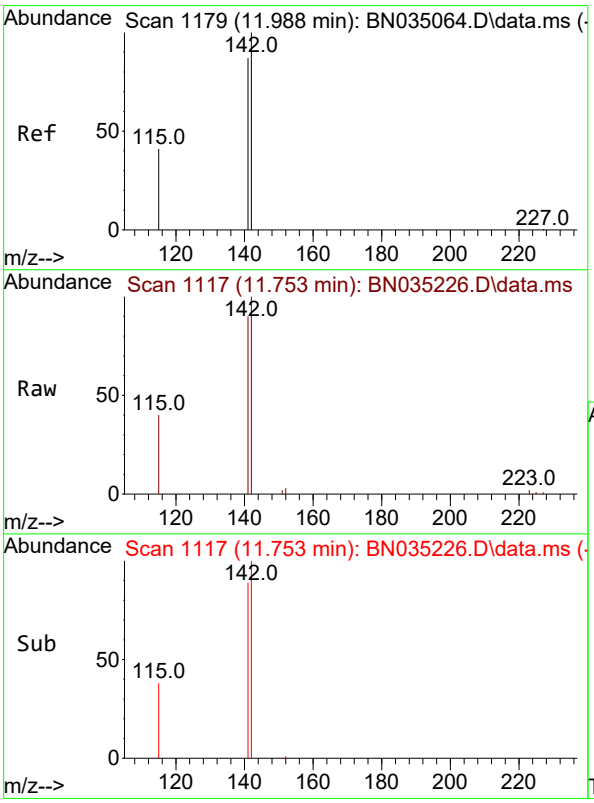
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.677 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:152 Resp: 4481

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4

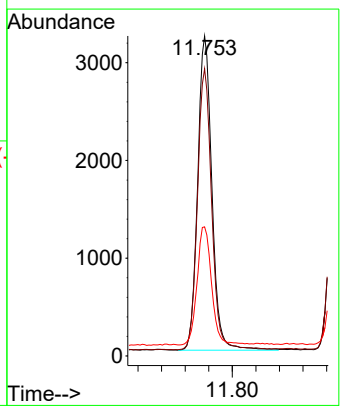


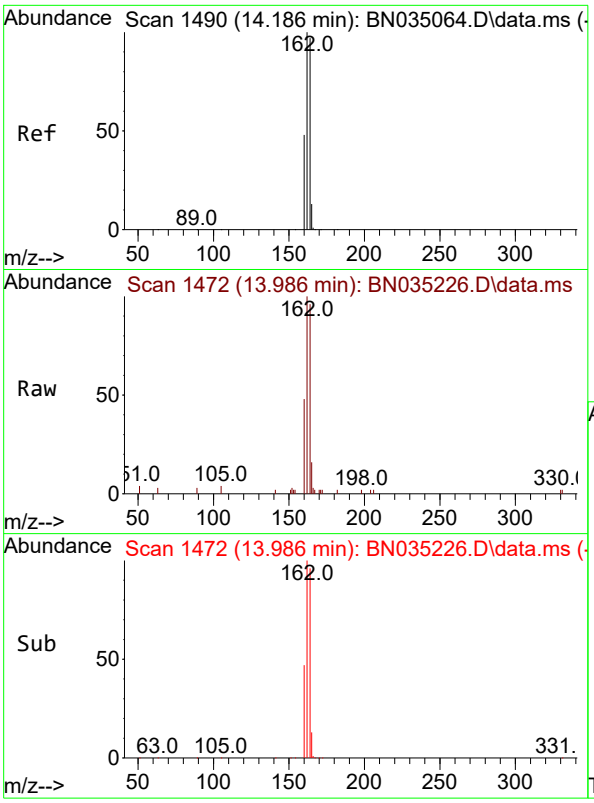


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 11.753 min Scan# 1117
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:142 Resp: 5384

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.1	105.1
115	40.3	34.4	51.6



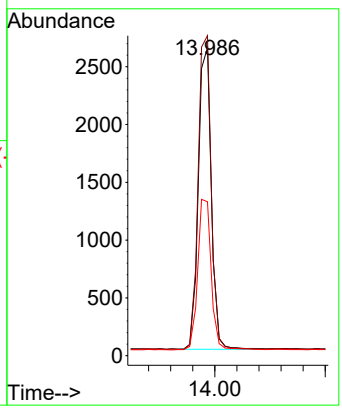


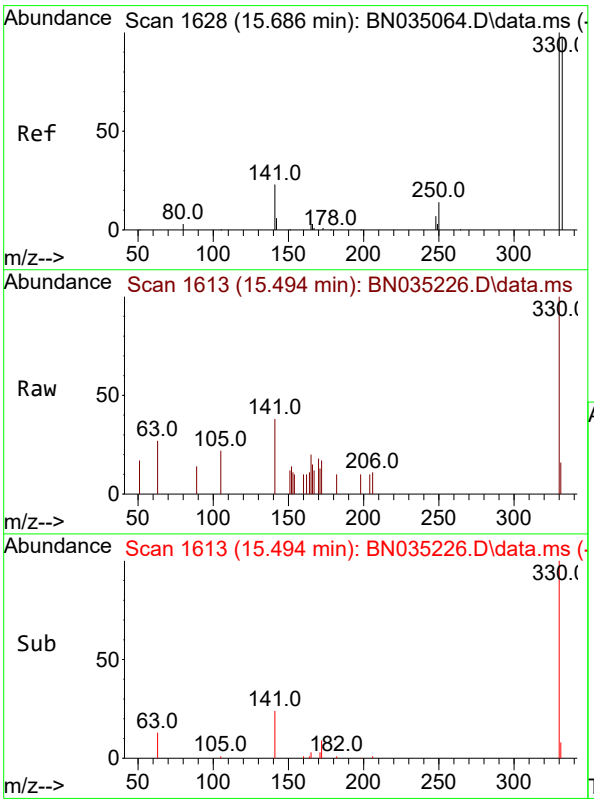
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.986 min Scan# 14
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:164 Resp: 4263

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.2	123.2
160	49.9	40.2	60.4

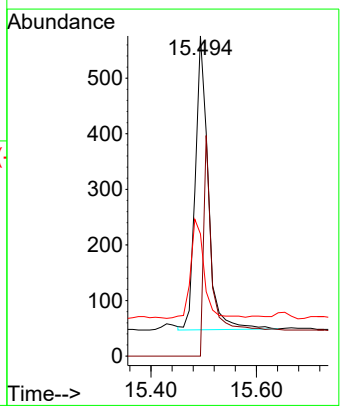


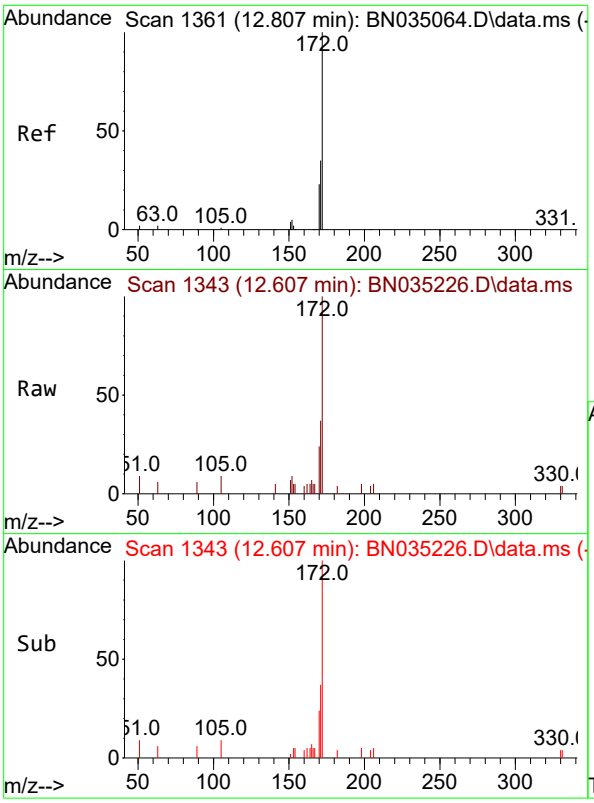


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.494 min Scan# 1613
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:330 Resp: 954

Ion	Ratio	Lower	Upper
330	100		
332	80.5	76.9	115.3
141	0.0	29.6	44.4#



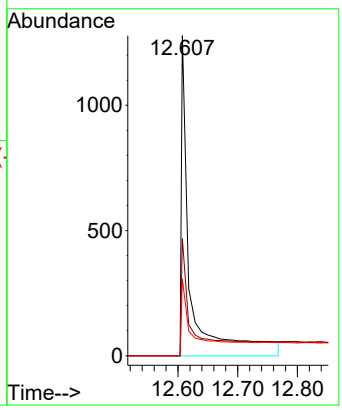


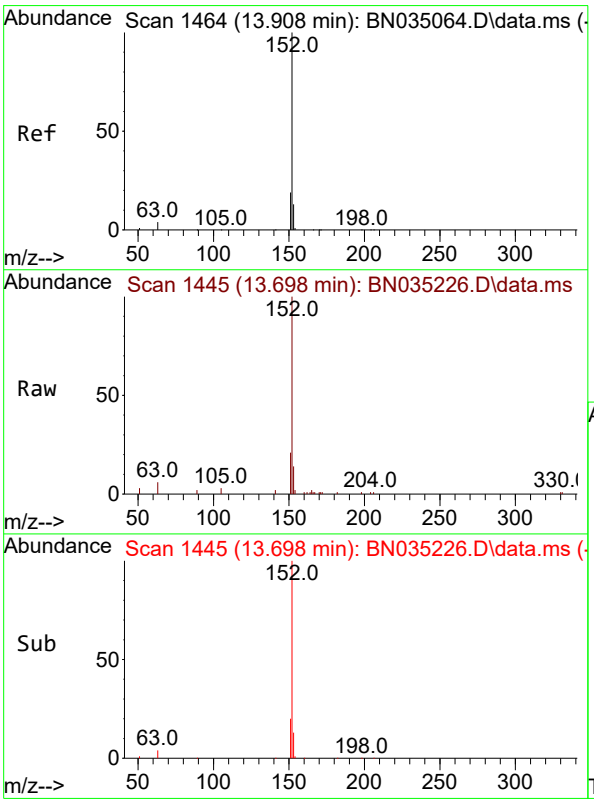
#15
2-Fluorobiphenyl
Concen: 0.086 ng
RT: 12.607 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:172 Resp: 1496

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.2	42.4
170	24.0	19.0	28.6

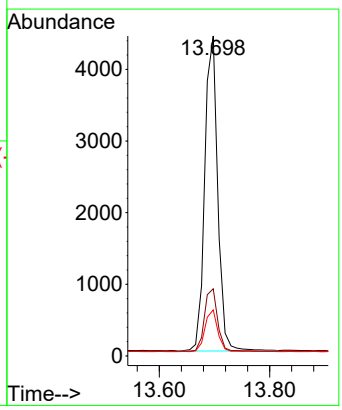


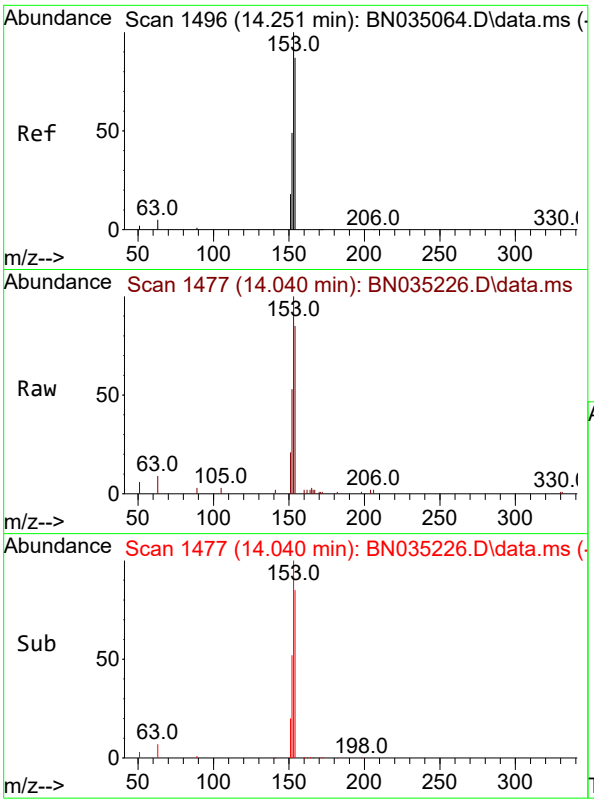


#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.698 min Scan# 1445
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:152 Resp: 7197

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.3	10.2	15.4



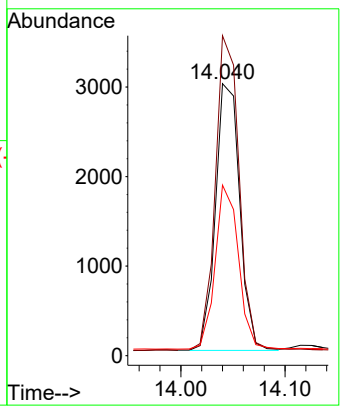


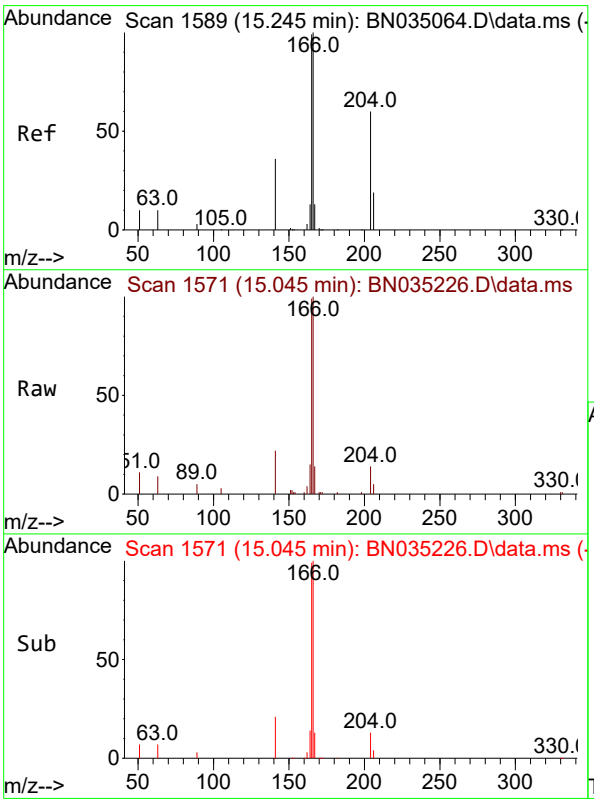
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.040 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:154 Resp: 4817

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.6	137.4
152	59.3	45.8	68.6

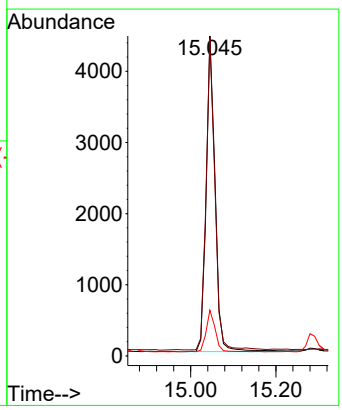


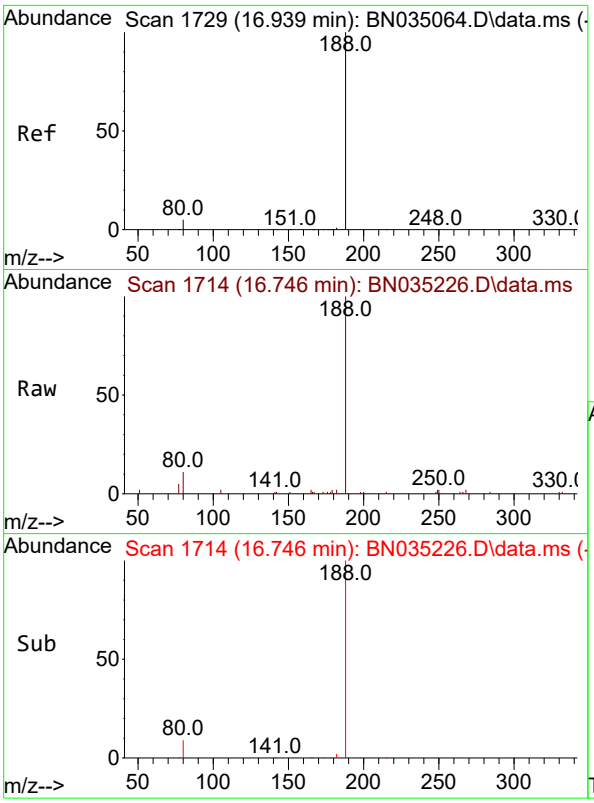


#18
Fluorene
Concen: 0.365 ng
RT: 15.045 min Scan# 1571
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:166 Resp: 6416

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.6	10.6	16.0



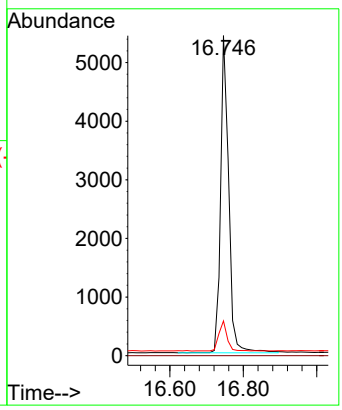


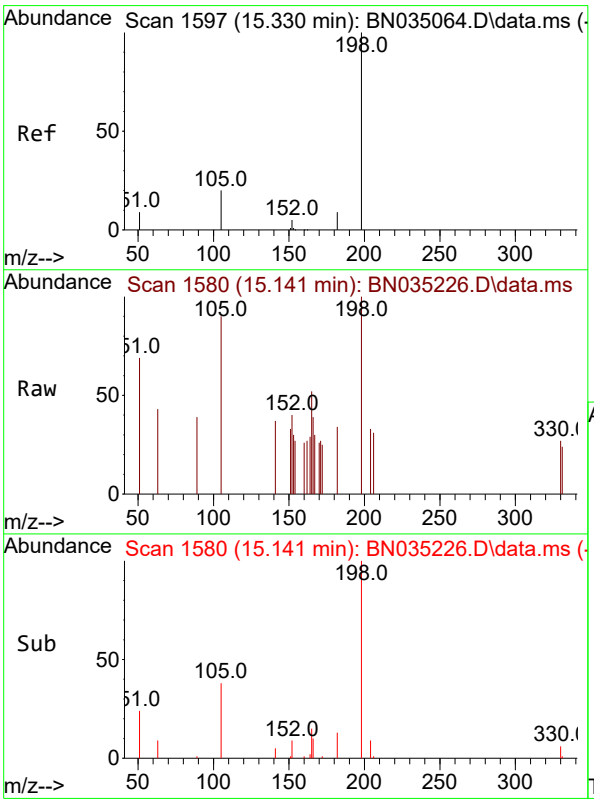
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.746 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:188 Resp: 8289

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	4.3	6.5#

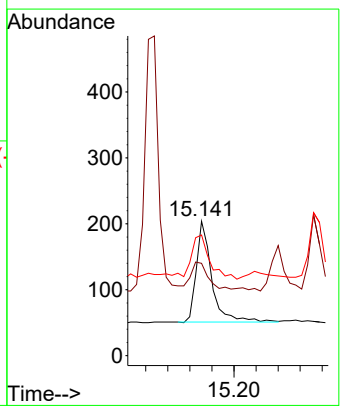


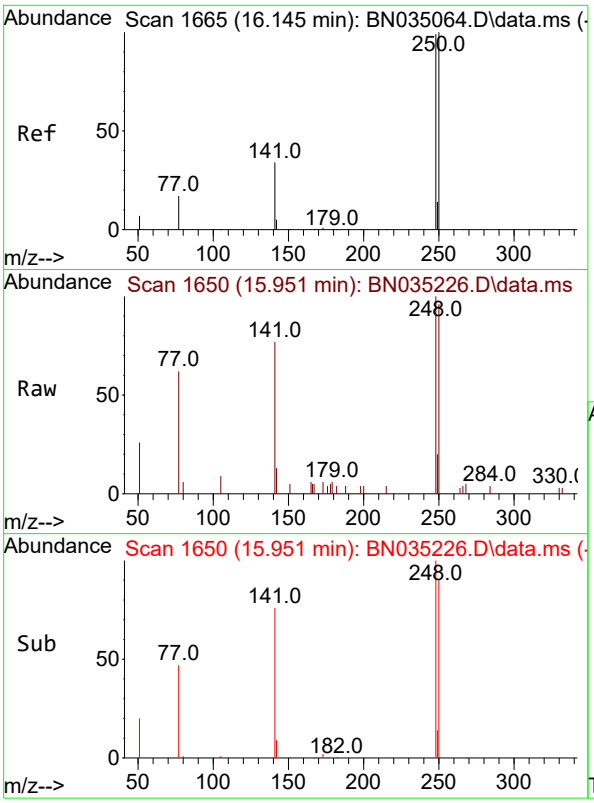


#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 15.141 min Scan# 1580
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:198 Resp: 296

Ion	Ratio	Lower	Upper
198	100		
51	68.6	29.9	44.9#
105	89.7	23.7	35.5#



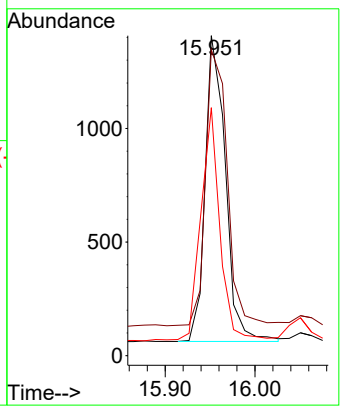


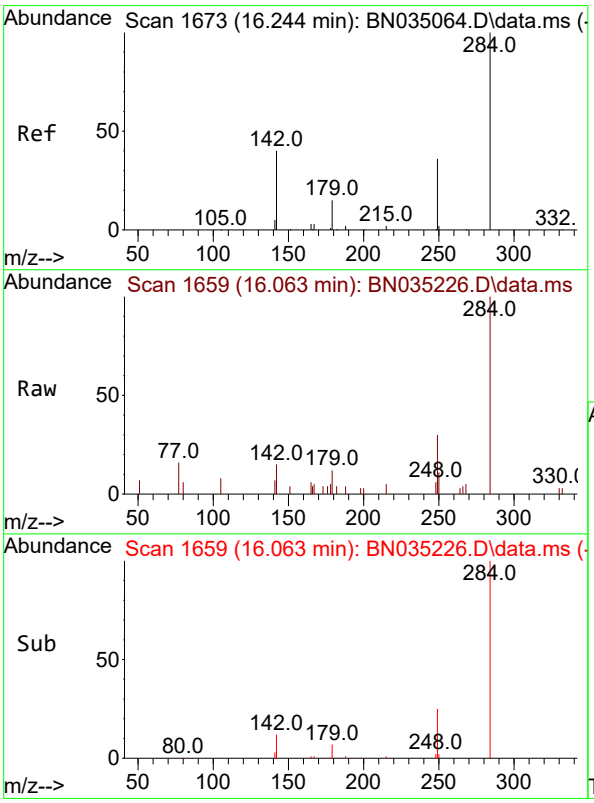
#21
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 15.951 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:248 Resp: 2101

Ion	Ratio	Lower	Upper
248	100		
250	95.7	81.2	121.8
141	77.5	29.1	43.7#

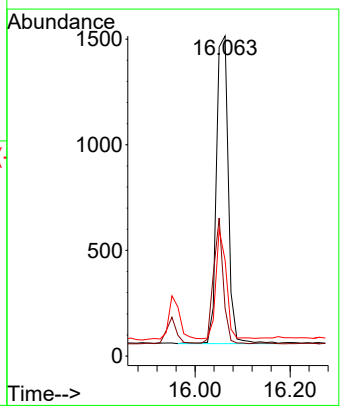


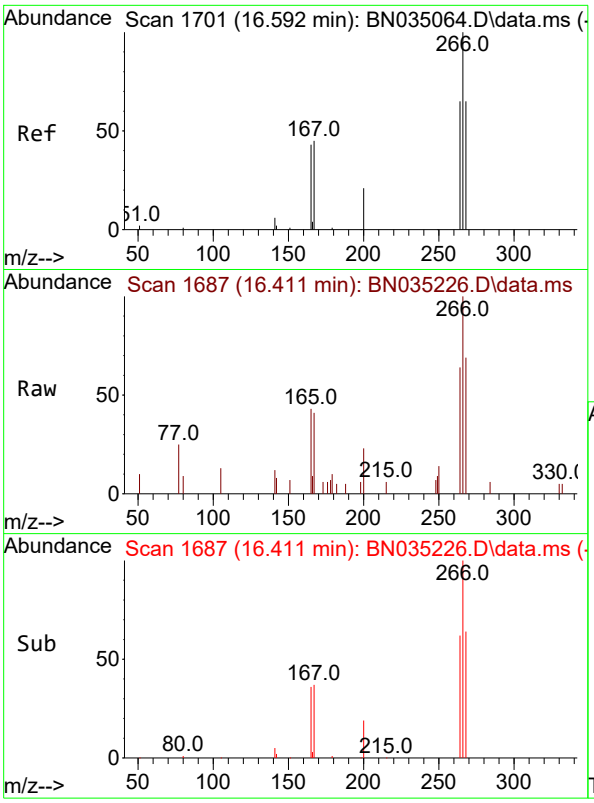


#22
Hexachlorobenzene
Concen: 0.457 ng
RT: 16.063 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:284 Resp: 2505

Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.2	42.4
249	31.1	26.2	39.2



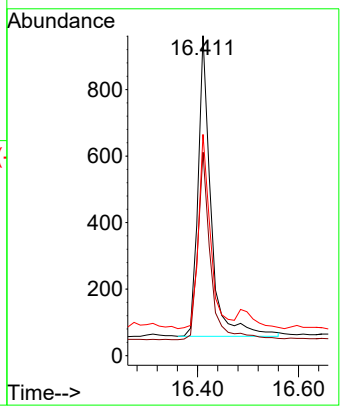


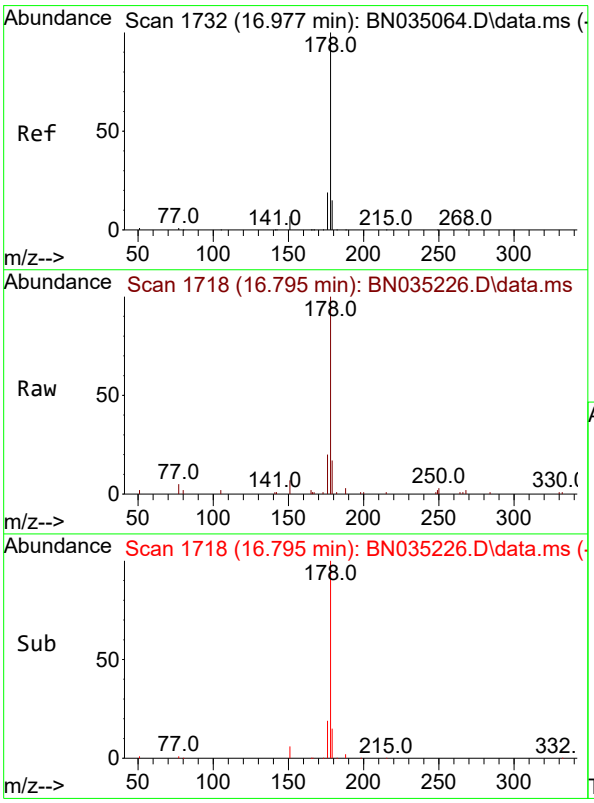
#24
Pentachlorophenol
Concen: 0.627 ng
RT: 16.411 min Scan# 1(
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:266 Resp: 1606

Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.4	74.0
268	60.0	52.6	79.0

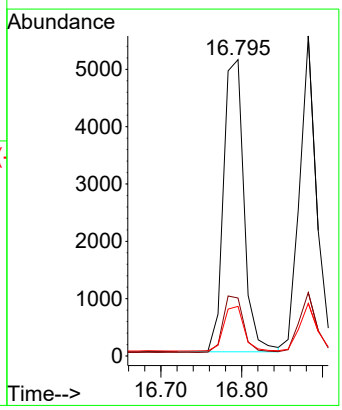


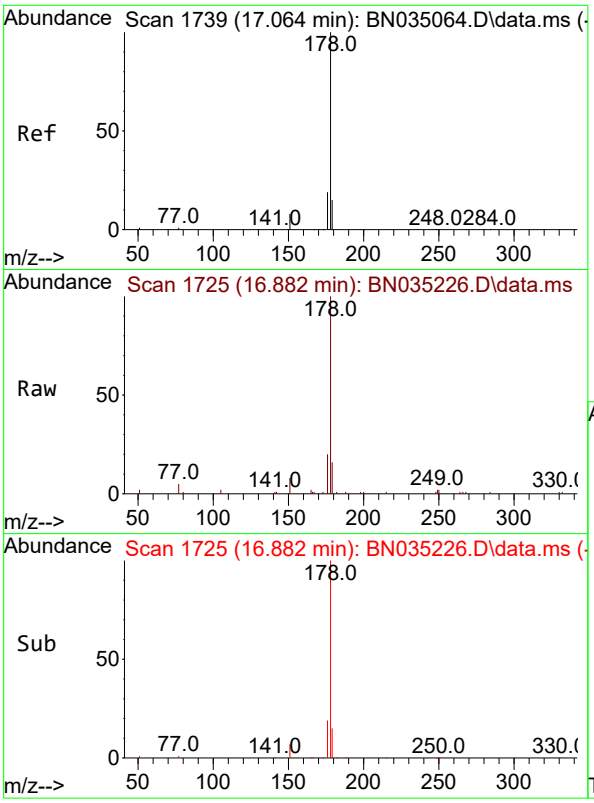


#25
Phenanthrene
Concen: 0.412 ng
RT: 16.795 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:178 Resp: 8986

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.1	12.6	18.8



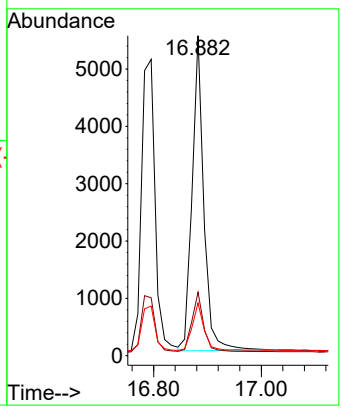


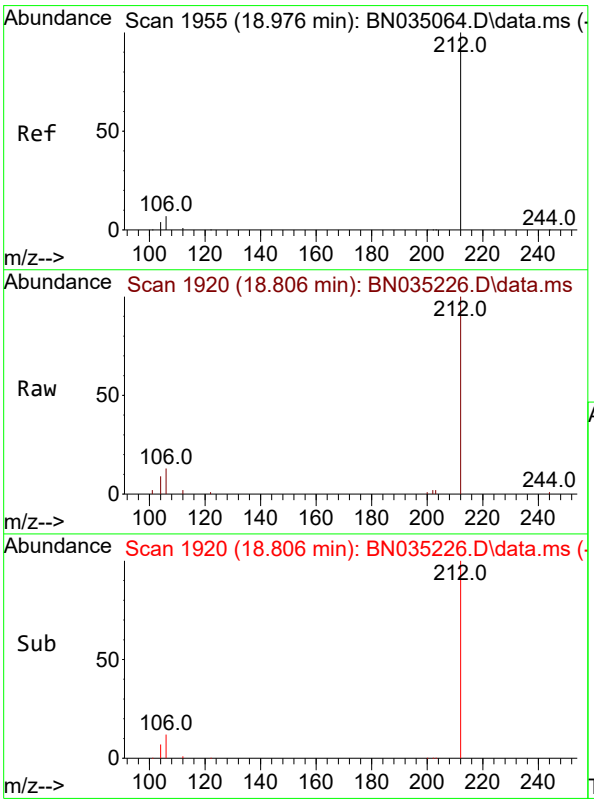
#26
Anthracene
Concen: 0.413 ng
RT: 16.882 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:178 Resp: 8282

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.4	12.2	18.2

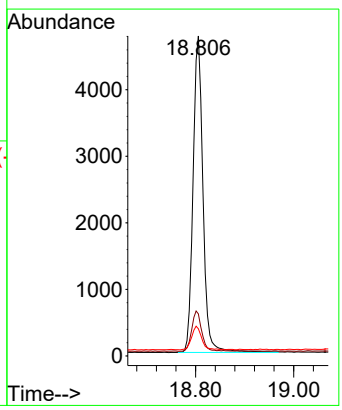


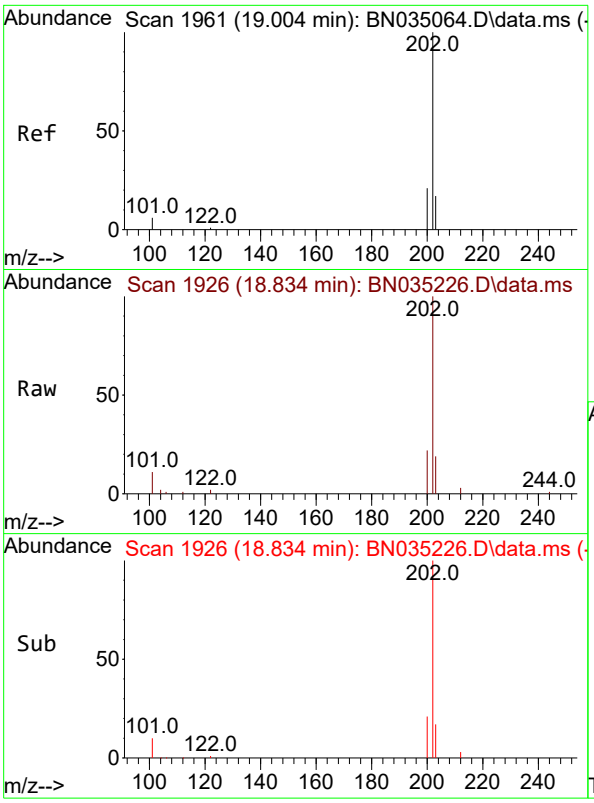


#27
Fluoranthene-d10
Concen: 0.263 ng
RT: 18.806 min Scan# 1920
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:212 Resp: 6678

Ion	Ratio	Lower	Upper
212	100		
106	12.8	6.0	9.0#
104	7.5	3.5	5.3#



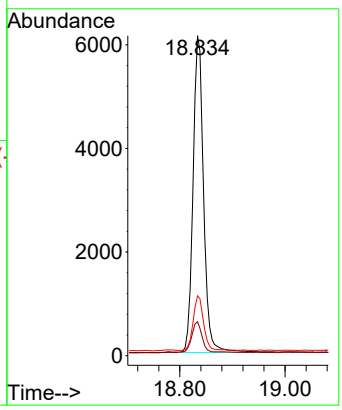


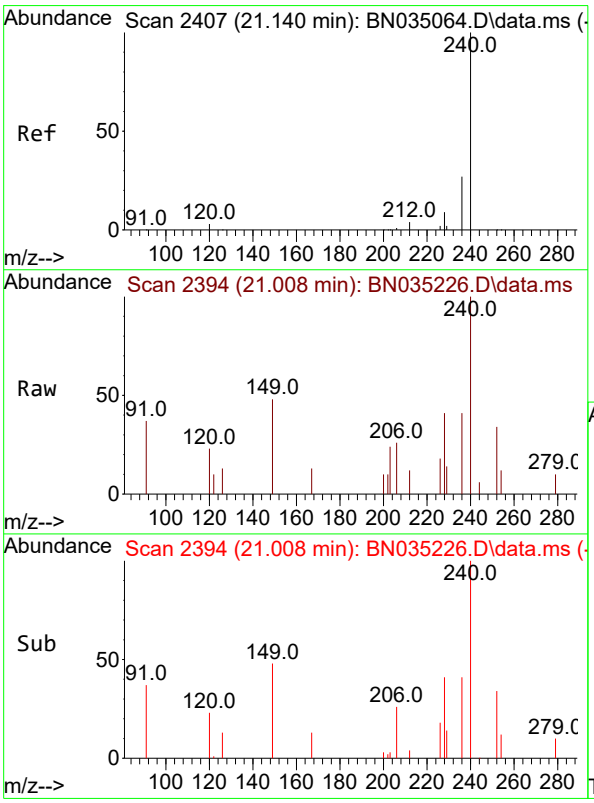
#28
Fluoranthene
Concen: 0.283 ng
RT: 18.834 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:202 Resp: 8504

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.2	7.8#
203	17.2	13.8	20.8

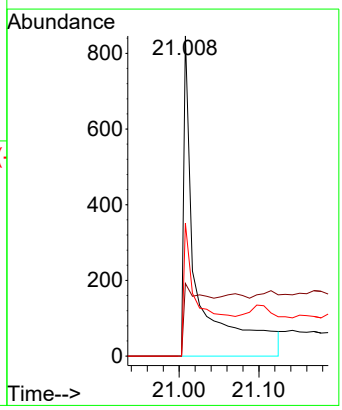


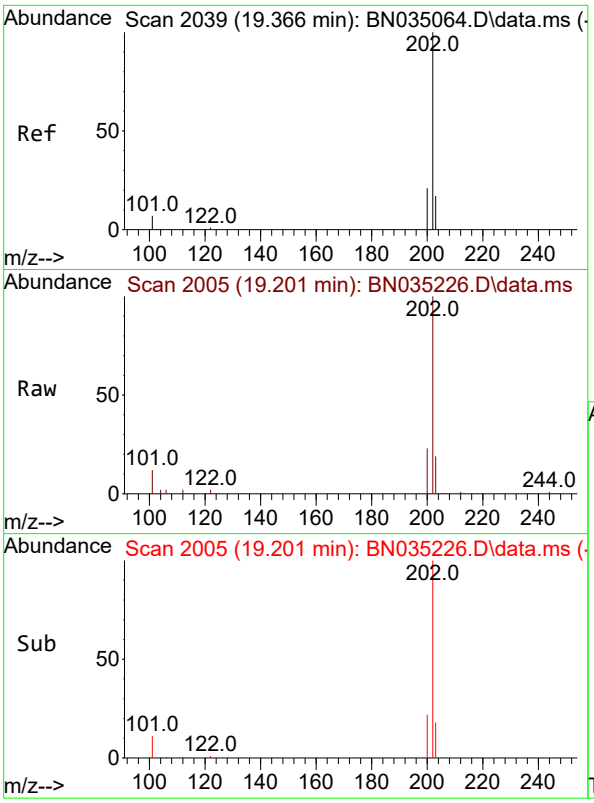


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:240 Resp: 1030

Ion	Ratio	Lower	Upper
240	100		
120	22.7	3.8	5.6#
236	41.5	22.2	33.2#



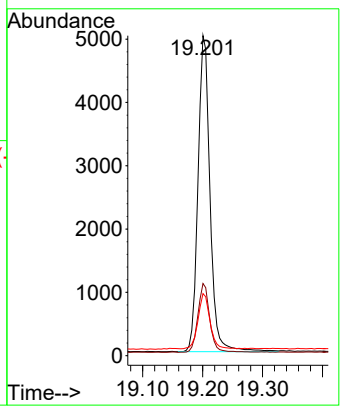


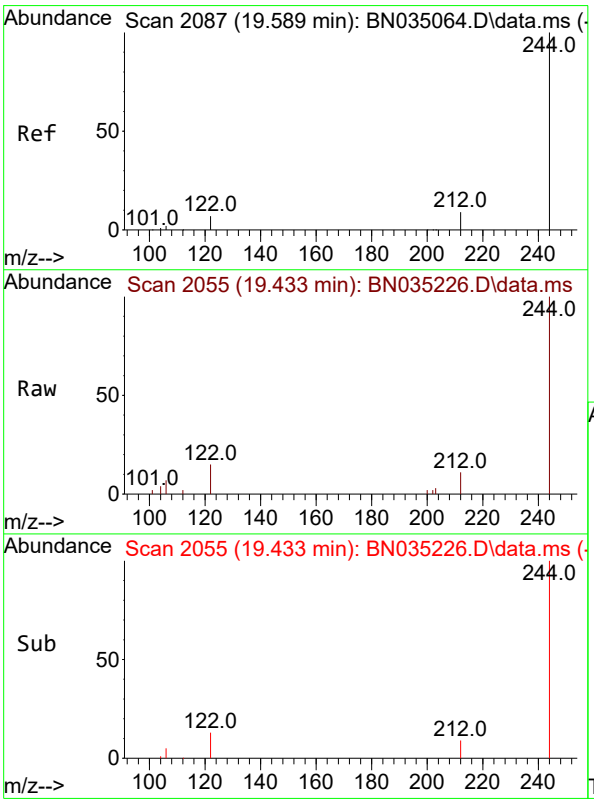
#30
Pyrene
Concen: 2.023 ng
RT: 19.201 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:202 Resp: 6940

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.3	14.2	21.4

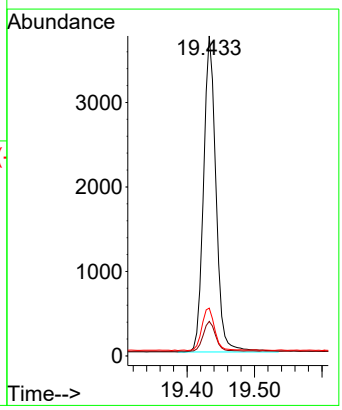


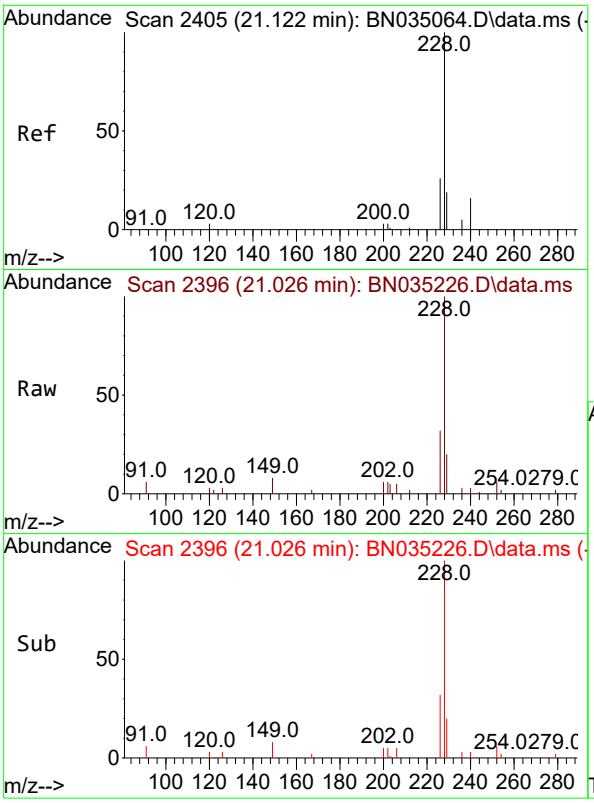


#31
Terphenyl-d14
Concen: 2.223 ng
RT: 19.433 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:244 Resp: 4805

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.6	11.4
122	14.9	6.1	9.1#



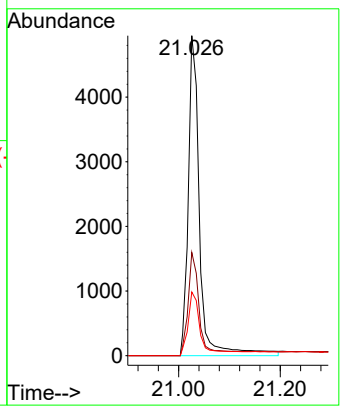


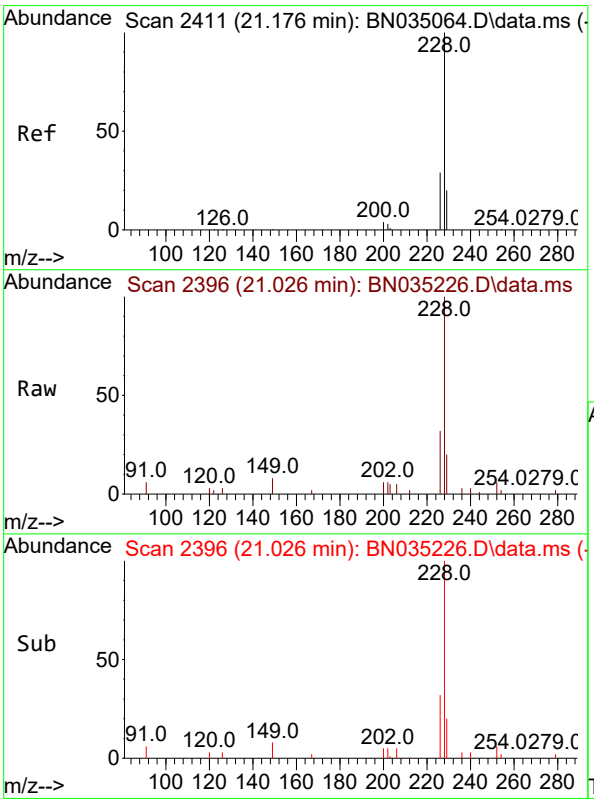
#32
Benzo(a)anthracene
Concen: 2.061 ng
RT: 21.026 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:228 Resp: 7390

Ion	Ratio	Lower	Upper
228	100		
226	32.2	21.4	32.0#
229	19.9	15.7	23.5

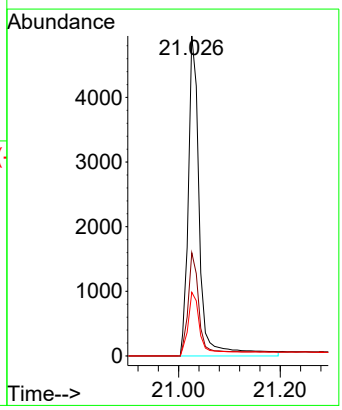


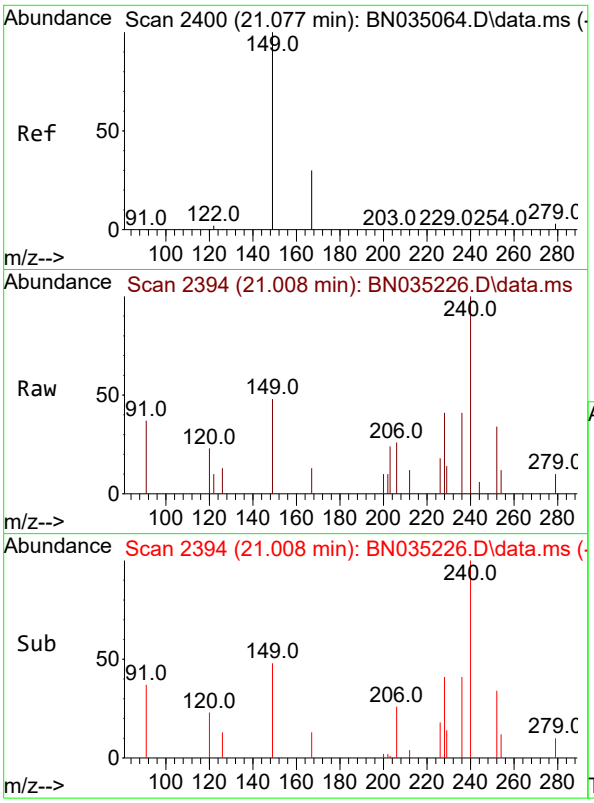


#33
Chrysene
Concen: 2.080 ng
RT: 21.026 min Scan# 2396
Delta R.T. -0.010 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:228 Resp: 7390

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.7	35.5
229	19.9	16.2	24.4



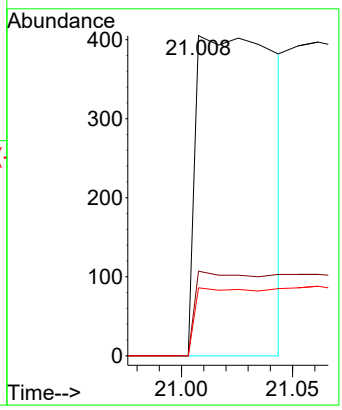


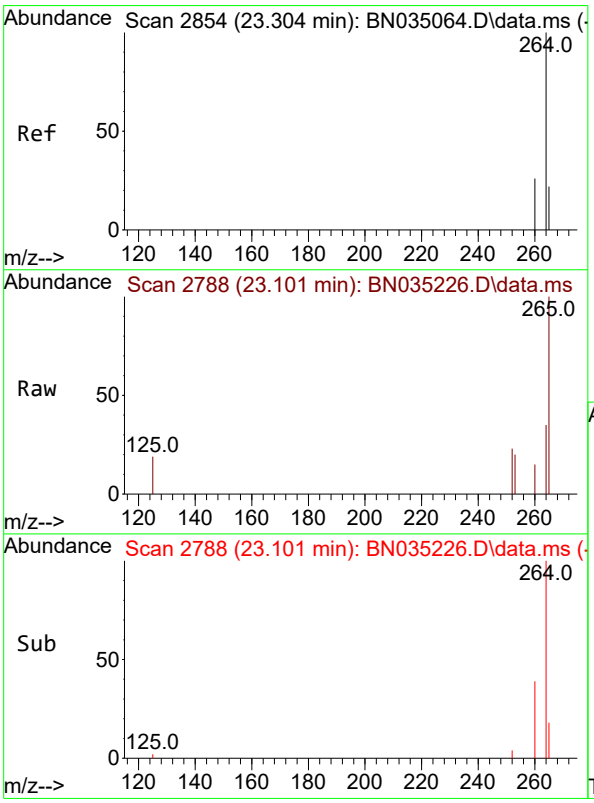
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.473 ng
RT: 21.008 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:149 Resp: 891

Ion	Ratio	Lower	Upper
149	100		
167	20.0	23.2	34.8#
279	16.3	3.2	4.8#

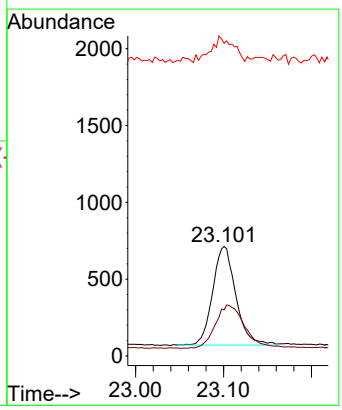


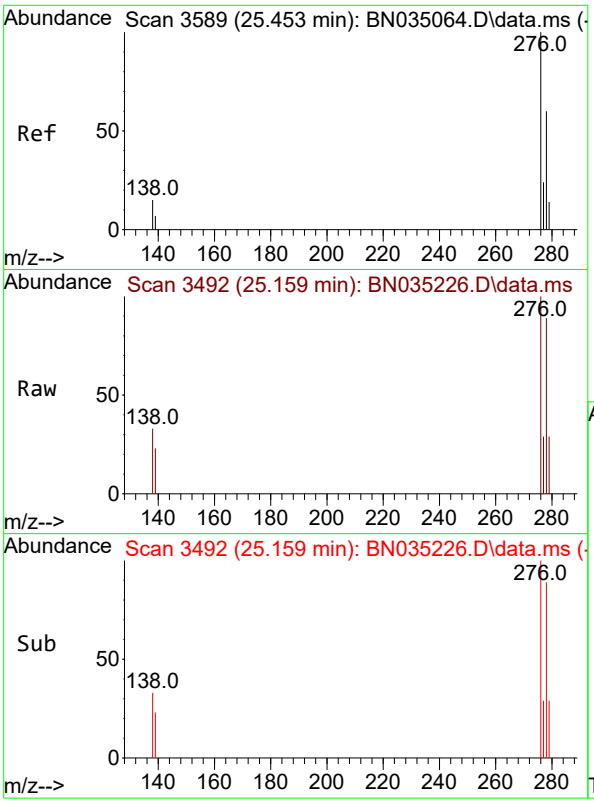


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.101 min Scan# 2788
Delta R.T. -0.003 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:264 Resp: 1173

Ion	Ratio	Lower	Upper
264	100		
260	42.1	20.9	31.3#
265	285.4	35.4	53.2#



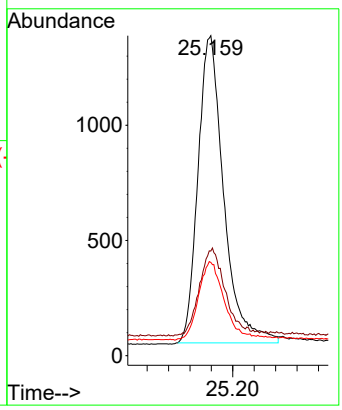


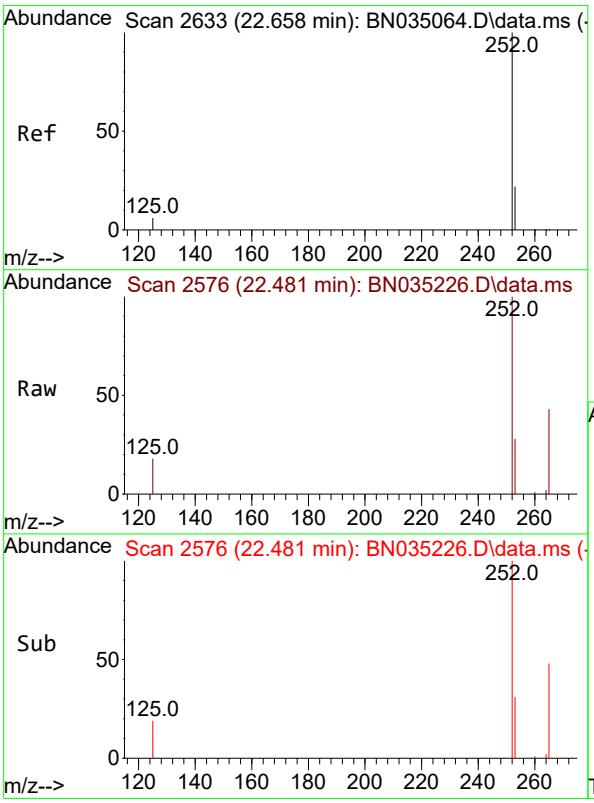
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.951 ng
RT: 25.159 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:276 Resp: 4451

Ion	Ratio	Lower	Upper
276	100		
138	26.3	13.0	19.4#
277	22.9	19.8	29.6

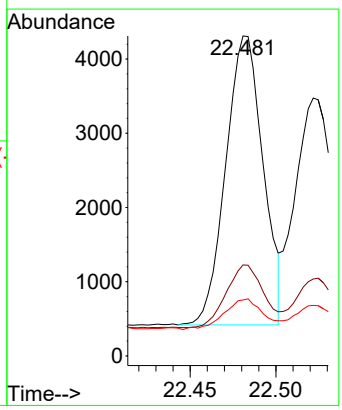


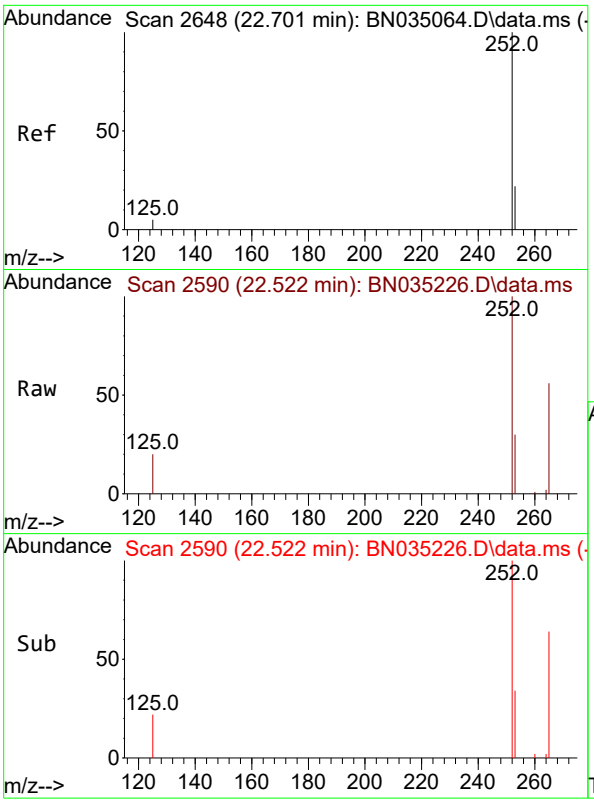


#37
Benzo(b)fluoranthene
Concen: 1.494 ng
RT: 22.481 min Scan# 2576
Delta R.T. -0.006 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:252 Resp: 5897

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.3	28.9
125	17.5	6.2	9.2#



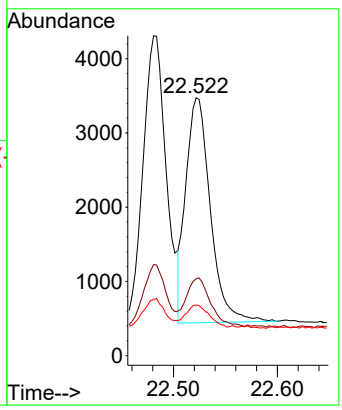


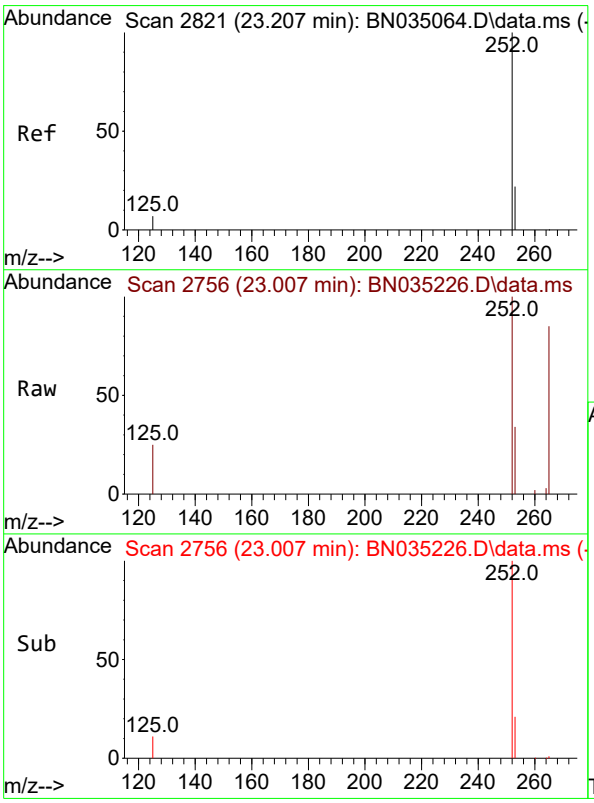
#38
Benzo(k)fluoranthene
Concen: 1.260 ng
RT: 22.522 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:252 Resp: 4976

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.5	29.3#
125	19.6	6.5	9.7#

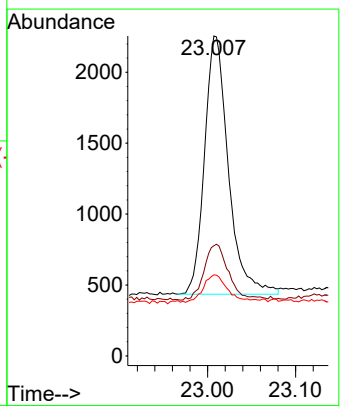


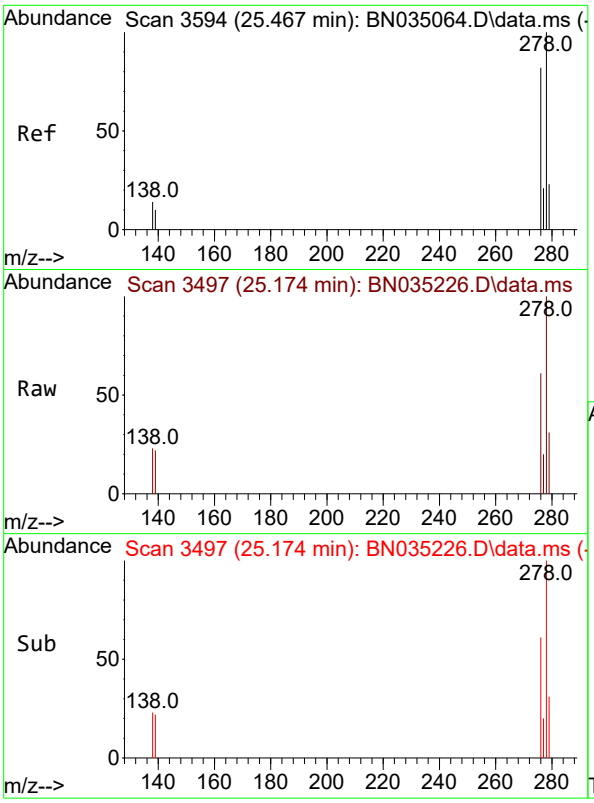


#39
Benzo(a)pyrene
Concen: 0.991 ng
RT: 23.007 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:252 Resp: 3441

Ion	Ratio	Lower	Upper
252	100		
253	34.4	20.1	30.1#
125	25.4	7.5	11.3#



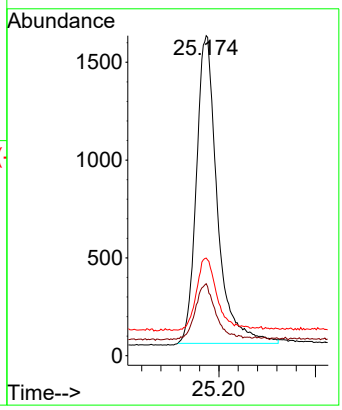


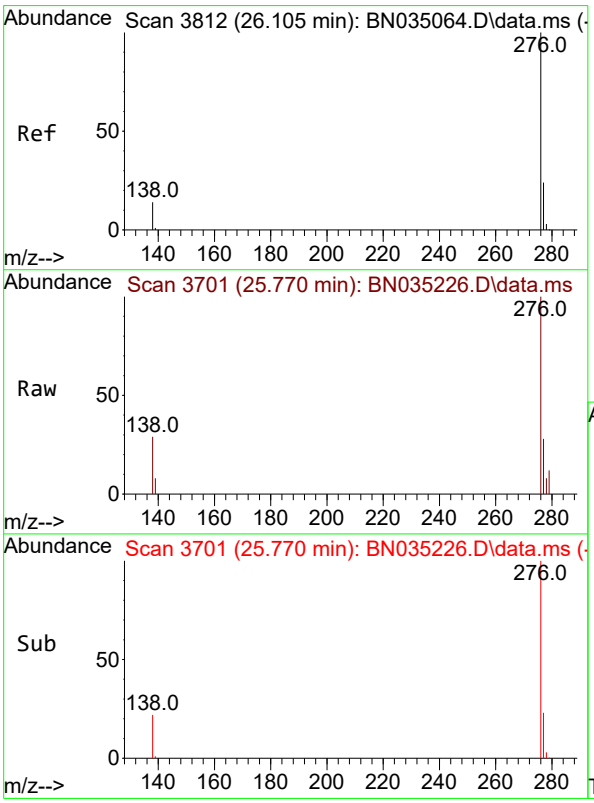
#40
Dibenzo(a,h)anthracene
Concen: 1.276 ng
RT: 25.174 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Tgt Ion:278 Resp: 4731

Ion	Ratio	Lower	Upper
278	100		
139	22.5	9.3	13.9#
279	30.5	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.899 ng
RT: 25.770 min Scan# 3701
Delta R.T. -0.006 min
Lab File: BN035226.D
Acq: 21 Nov 2024 17:36

Tgt Ion:276 Resp: 3544

Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.9	29.9
138	29.1	11.6	17.4#