Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034532.D
Acq On : 10 Oct 2024 21:43
Operator : RC/JU
Sample : PB163828BS
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Quant Time: Oct 11 00:23:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	5380	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	15055	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	8011	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	14993	0.400	ng	0.00
29) Chrysene-d12	21.008	240	6346	0.400	ng	0.00
35) Perylene-d12	23.119	264	8226	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	4871	0.319	ng	0.00
5) Phenol-d6	6.578	99	4664	0.263	ng	0.00
8) Nitrobenzene-d5	8.514	82	3694	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	11.727	152	11213	0.504	ng	0.00
14) 2,4,6-Tribromophenol	15.542	330	1035	0.285	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	10934	0.336	ng	0.00
27) Fluoranthene-d10	18.829	212	13134	0.347	ng	0.00
31) Terphenyl-d14	19.452	244	8525	0.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1937	0.288	ng	# 33
3) n-Nitrosodimethylamine	3.328	42	2309	0.302	ng	# 84
6) bis(2-Chloroethyl)ether	6.824	93	4552	0.290	ng	96
9) Naphthalene	10.169	128	14730	0.357	ng	99
10) Hexachlorobutadiene	10.458	225	3212	0.413	ng	# 97
12) 2-Methylnaphthalene	11.806	142	9328	0.347	ng	99
16) Acenaphthylene	13.730	152	12394	0.361	ng	99
17) Acenaphthene	14.083	154	8896	0.362	ng	99
18) Fluorene	15.088	166	10708	0.332	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	87	0.169	ng	# 13
21) 4-Bromophenyl-phenylether	15.989	248	3102	0.368	ng	# 85
22) Hexachlorobenzene	16.088	284	4437	0.470	ng	# 89
23) Atrazine	16.287	200	2465	0.353	ng	97
24) Pentachlorophenol	16.448	266	1303	0.417	ng	99
25) Phenanthrene	16.821	178	15855	0.368	ng	100
26) Anthracene	16.920	178	12810	0.365	ng	100
28) Fluoranthene	18.862	202	16050	0.322	ng	98
30) Pyrene	19.224	202	16296	0.608	ng	100
32) Benzo(a)anthracene	21.044	228	12908	0.643	ng	97
33) Chrysene	21.044	228	14556	0.608	ng	100
36) Indeno(1,2,3-cd)pyrene	25.177	276	15731	0.446	ng	95
37) Benzo(b)fluoranthene	22.496	252	10816	0.336	ng	94
38) Benzo(k)fluoranthene	22.537	252	12950	0.383	ng	94
39) Benzo(a)pyrene	23.025	252	10678	0.407	ng	94
40) Dibenzo(a,h)anthracene	25.194	278	11948	0.436	ng	96
41) Benzo(g,h,i)perylene	25.797	276	13530	0.440	ng	96

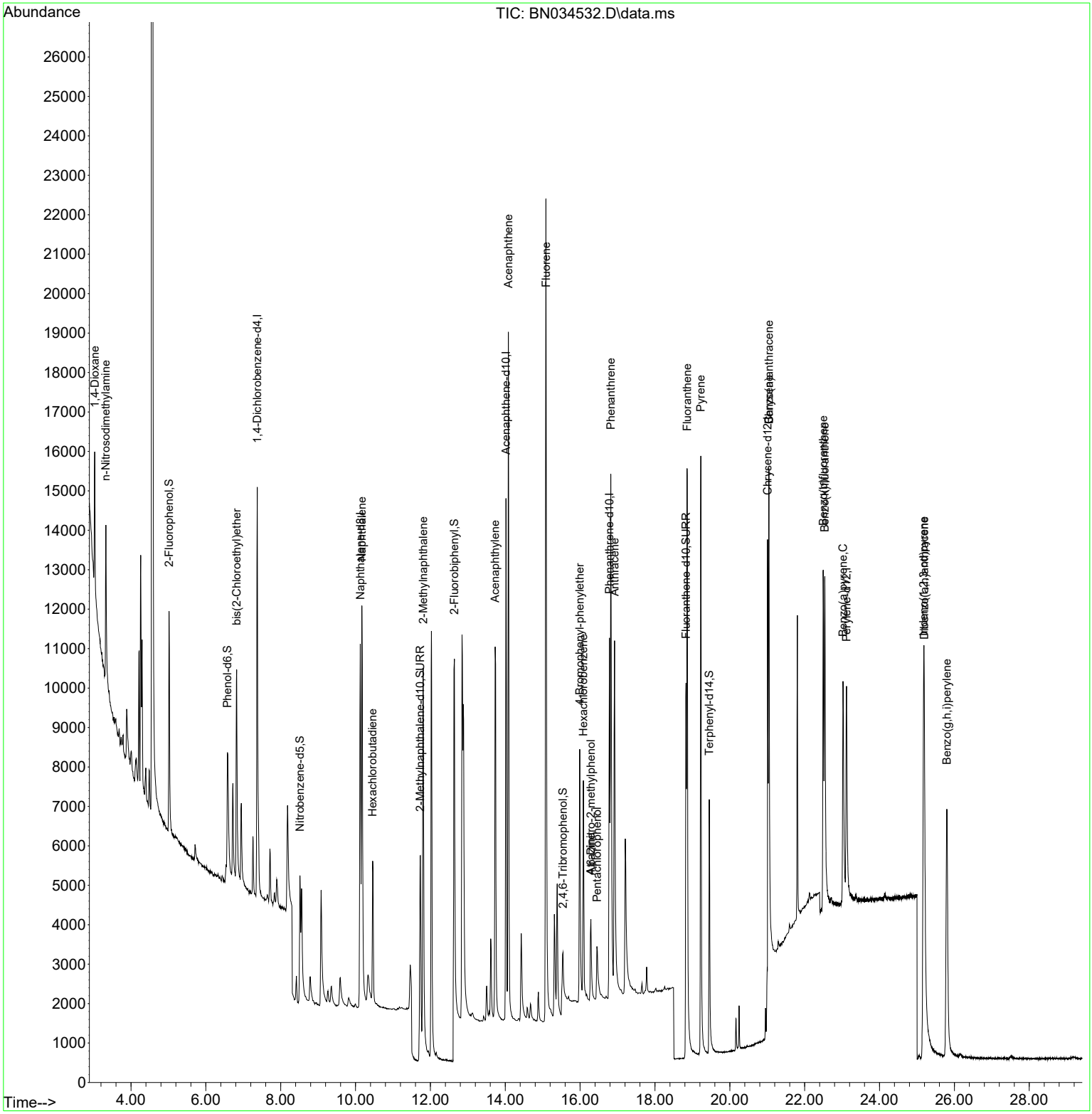
(#) = qualifier out of range (m) = manual integration (+) = signals summed

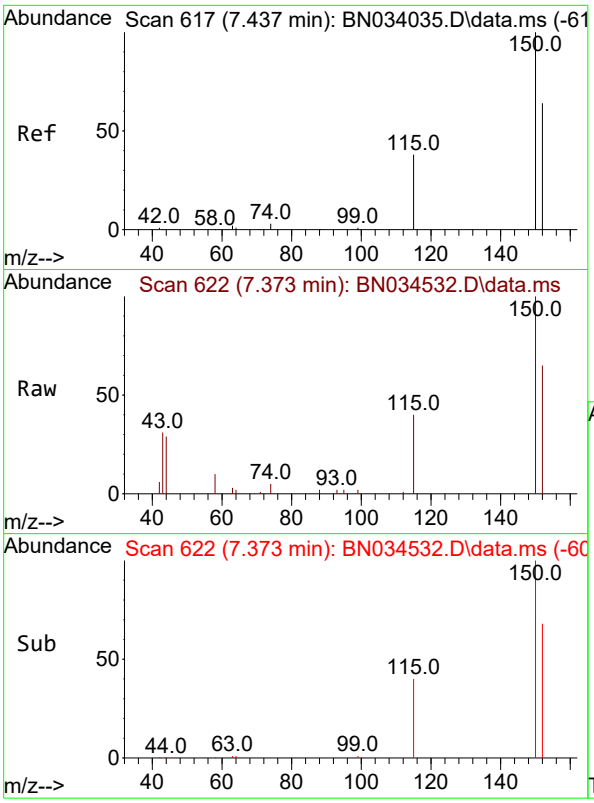
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034532.D
Acq On : 10 Oct 2024 21:43
Operator : RC/JU
Sample : PB163828BS
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Quant Time: Oct 11 00:23:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



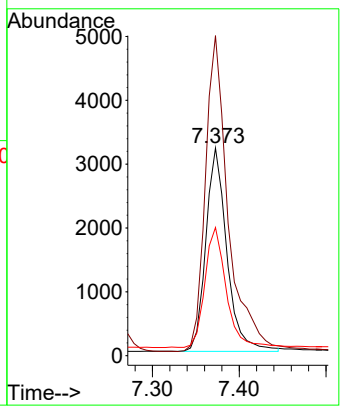


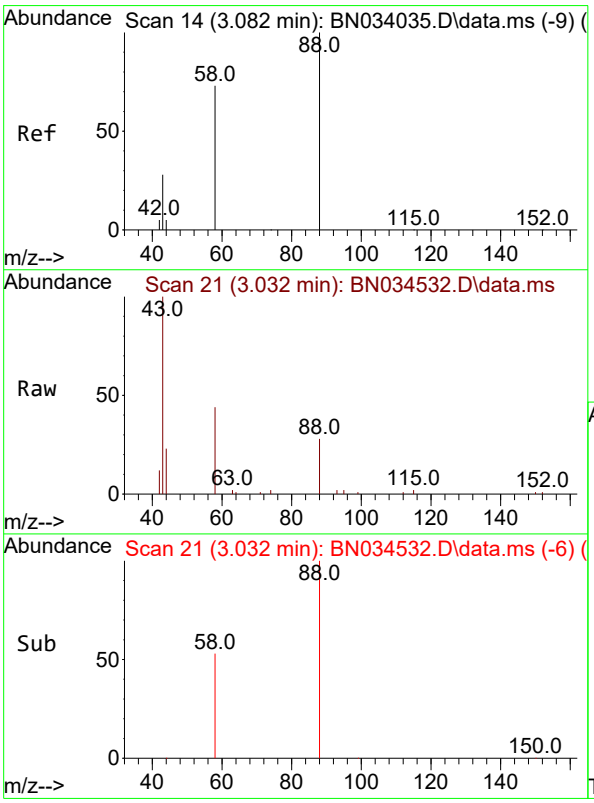
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:152 Resp: 5380

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	187.0
115	61.7	50.0	75.0

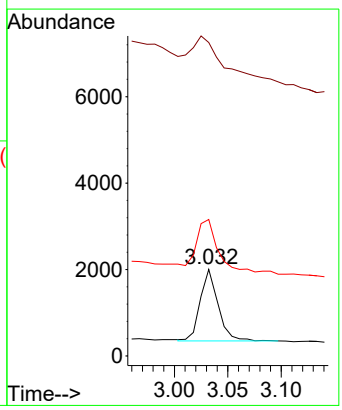


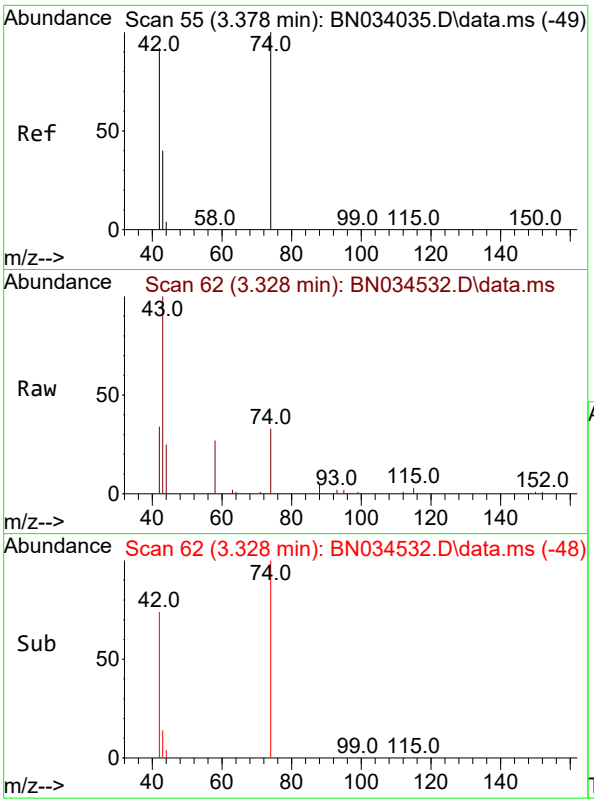


#2
1,4-Dioxane
Concen: 0.288 ng
RT: 3.032 min Scan# 21
Delta R.T. 0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion: 88 Resp: 1937

Ion	Ratio	Lower	Upper
88	100		
43	119.1	25.8	38.8#
58	97.3	58.8	88.2#



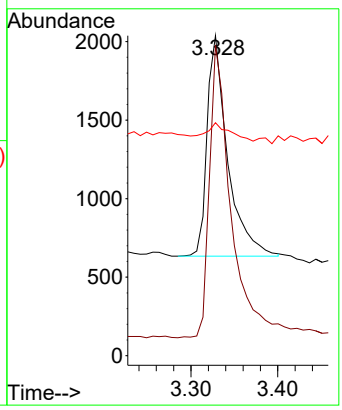


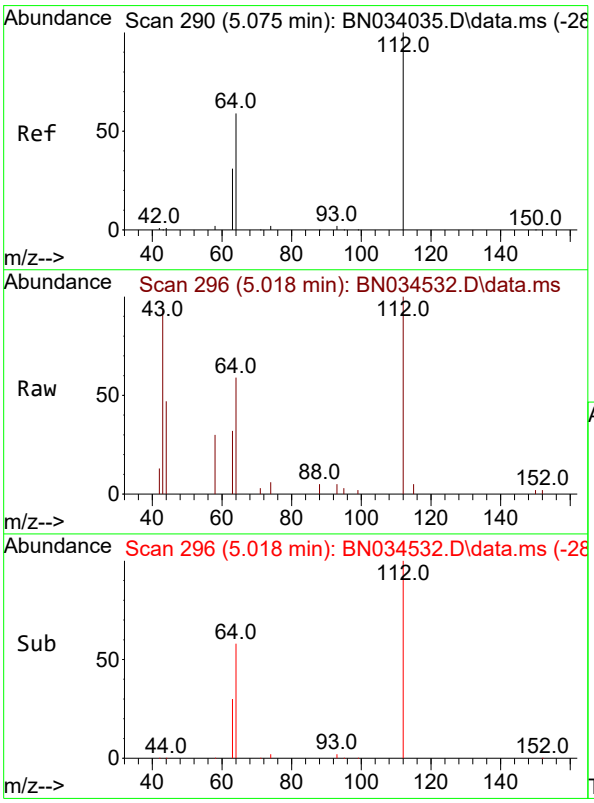
#3
n-Nitrosodimethylamine
Concen: 0.302 ng
RT: 3.328 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion: 42 Resp: 2309

Ion	Ratio	Lower	Upper
42	100		
74	136.6	94.6	142.0
44	9.4	12.4	18.6#

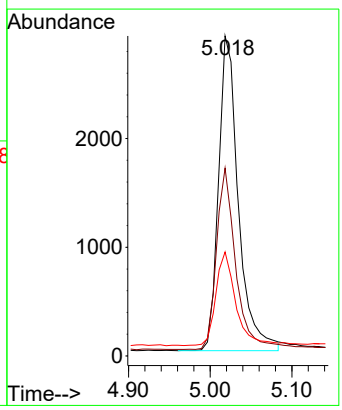


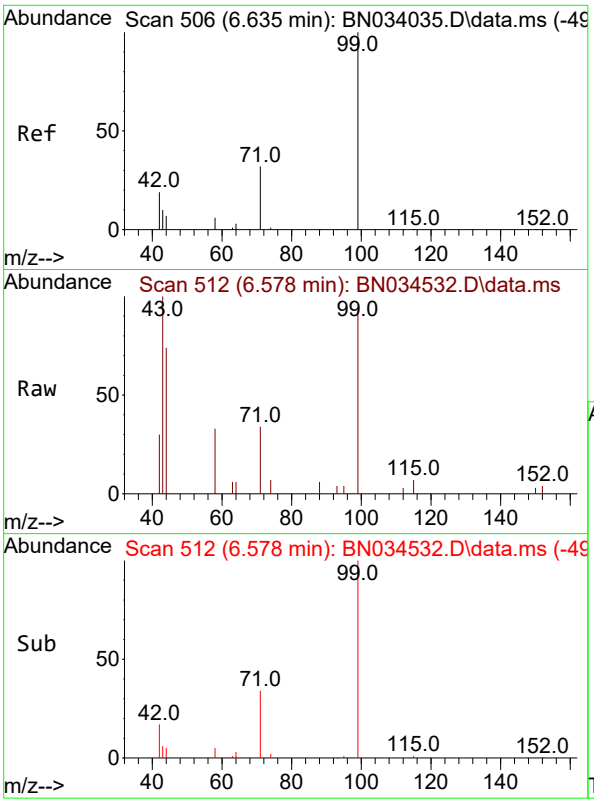


#4
2-Fluorophenol
Concen: 0.319 ng
RT: 5.018 min Scan# 296
Delta R.T. 0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:112 Resp: 4871

Ion	Ratio	Lower	Upper
112	100		
64	55.8	48.6	72.8
63	29.9	25.6	38.4



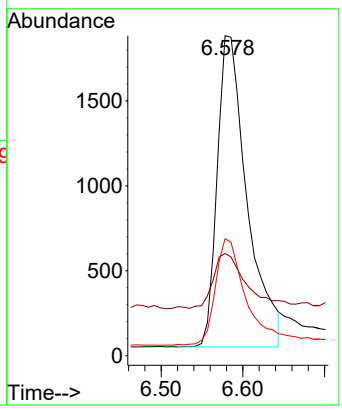


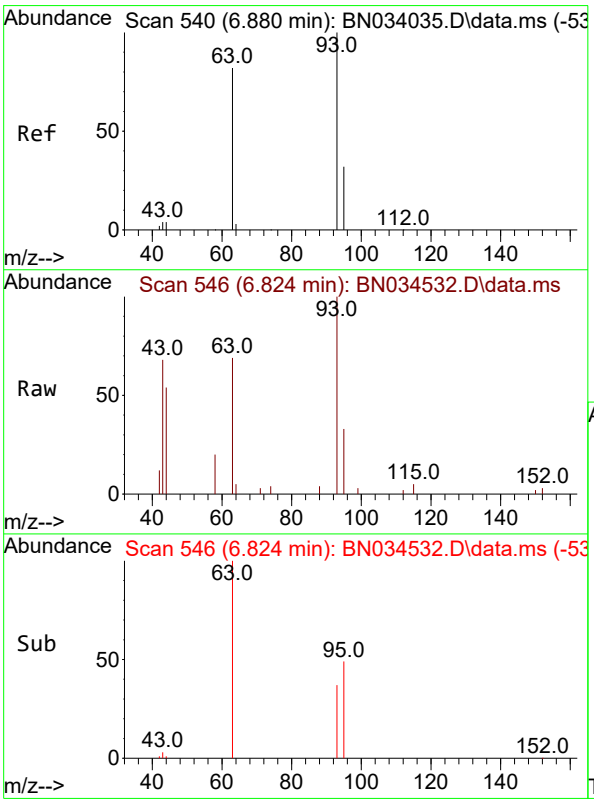
#5
Phenol-d6
Concen: 0.263 ng
RT: 6.578 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion: 99 Resp: 4664

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.8
71	34.4	26.2	39.2

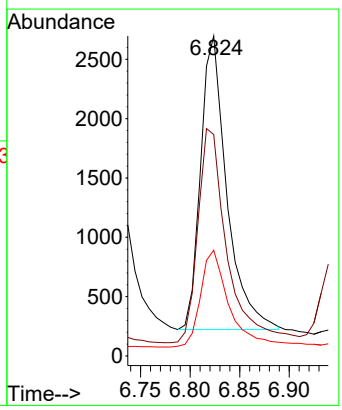


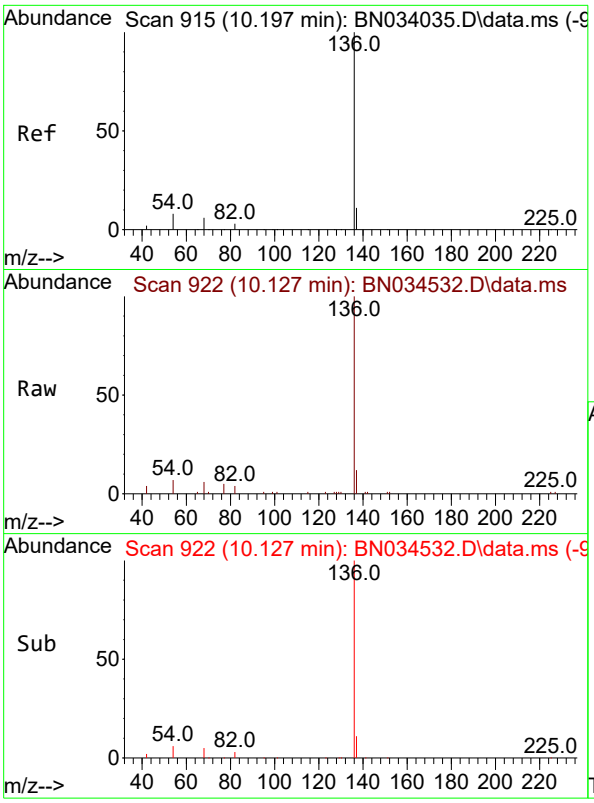


#6
bis(2-Chloroethyl)ether
Concen: 0.290 ng
RT: 6.824 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion: 93 Resp: 4552

Ion	Ratio	Lower	Upper
93	100		
63	80.1	67.3	100.9
95	35.6	26.8	40.2



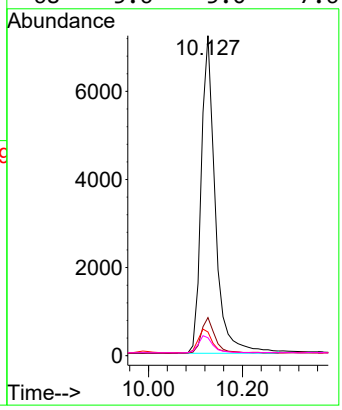


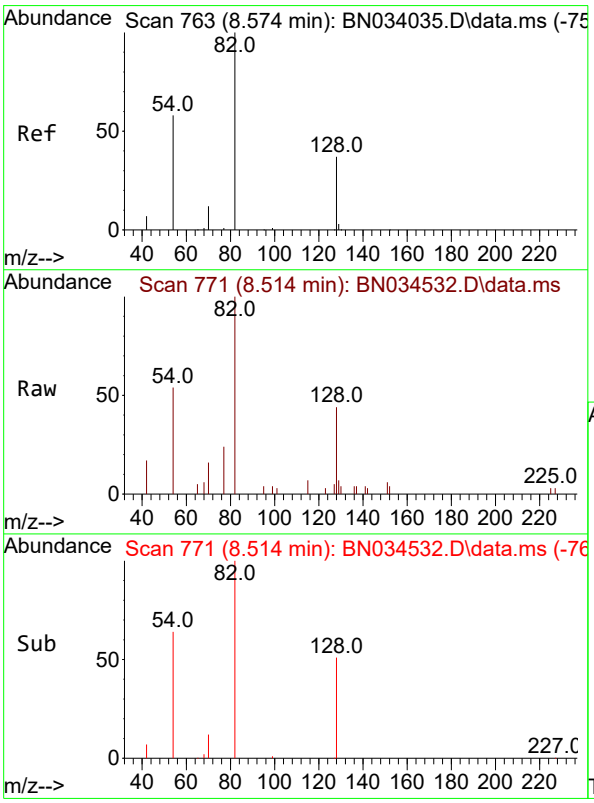
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:136 Resp: 15055

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	7.4	6.8	10.2
68	5.6	5.0	7.6

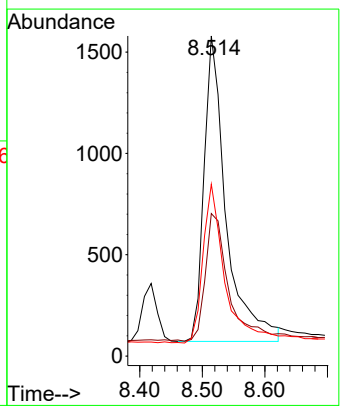


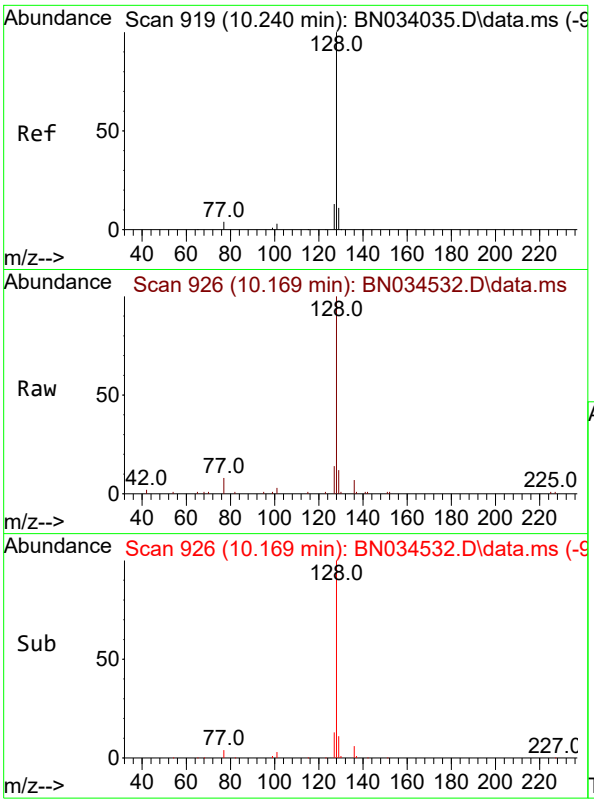


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion: 82 Resp: 3694

Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.4	47.2
54	53.7	47.4	71.0



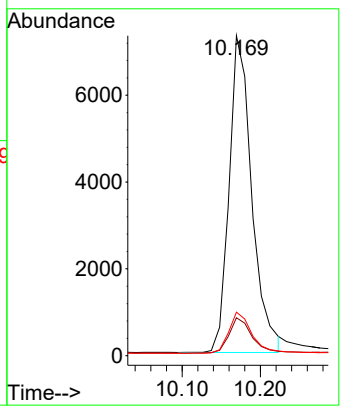


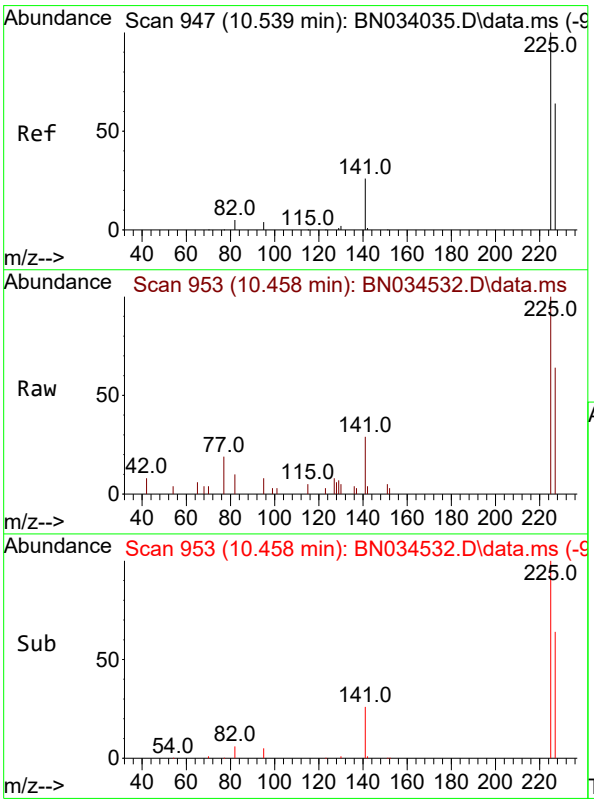
#9
Naphthalene
Concen: 0.357 ng
RT: 10.169 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:128 Resp: 14730

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.6	10.7	16.1

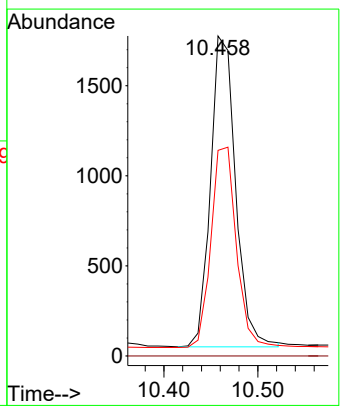


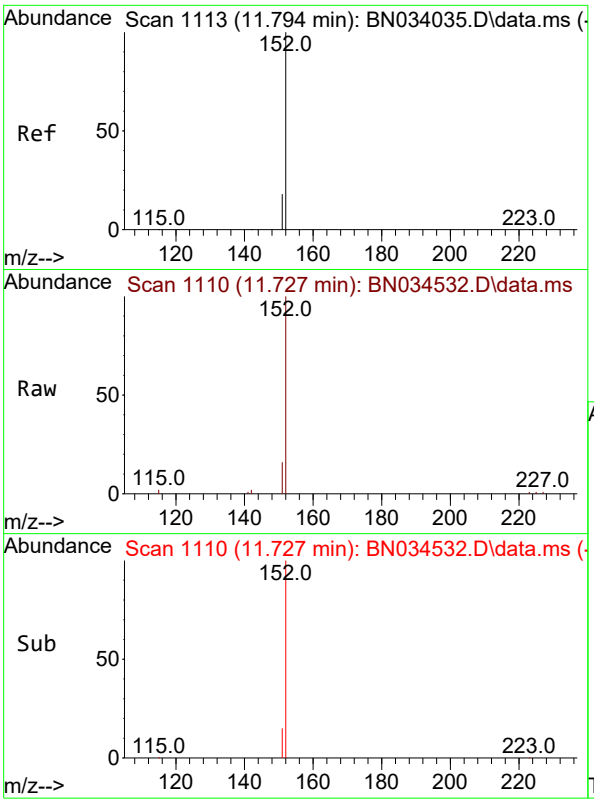


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:225 Resp: 3212

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	50.5	75.7



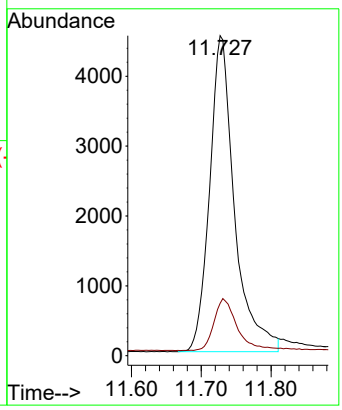


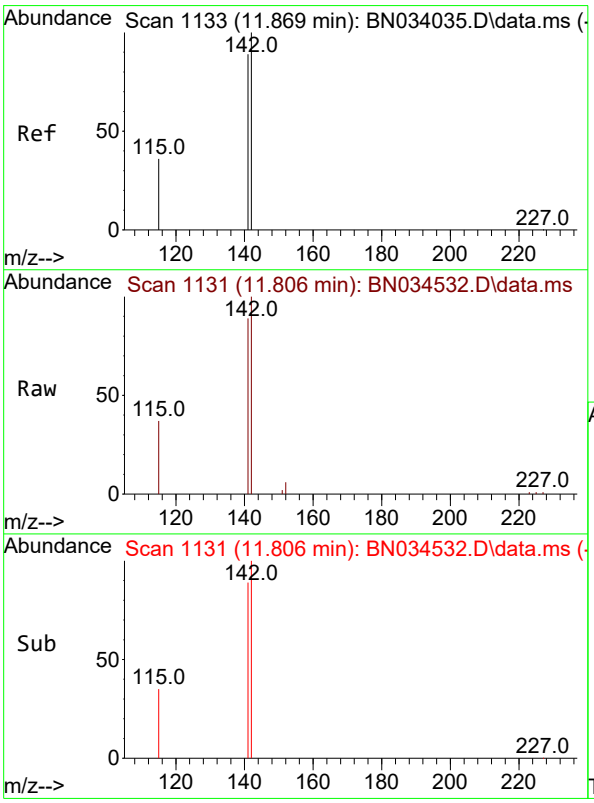
#11
2-Methylnaphthalene-d10
Concen: 0.504 ng
RT: 11.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:152 Resp: 11213

Ion	Ratio	Lower	Upper
152	100		
151	15.4	16.8	25.2#

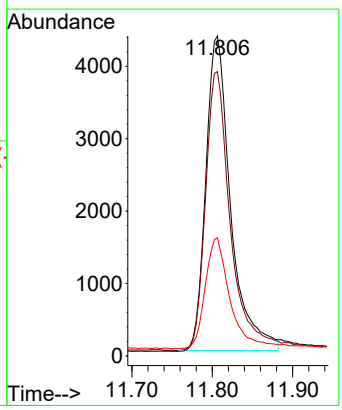


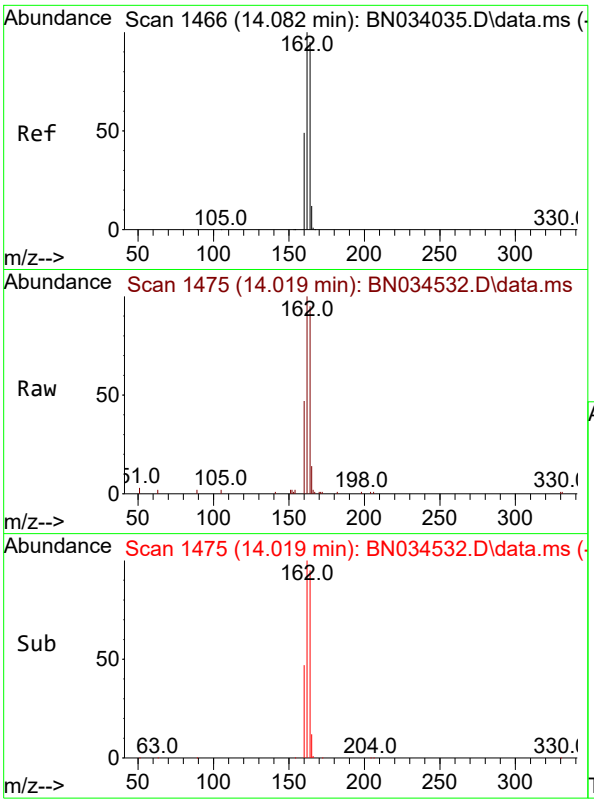


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 11.806 min Scan# 1131
Delta R.T. 0.004 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:142 Resp: 9328

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	37.0	30.0	45.0



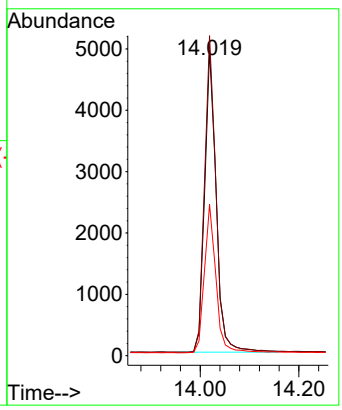


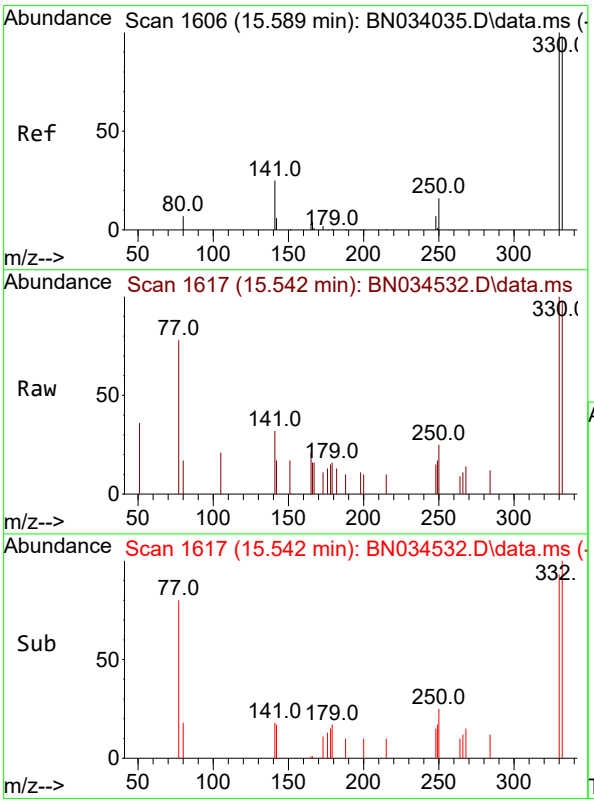
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:164 Resp: 8011

Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.2	126.2
160	49.5	41.7	62.5

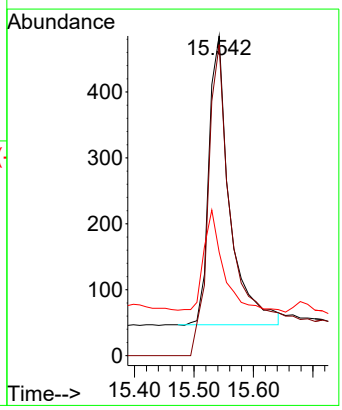


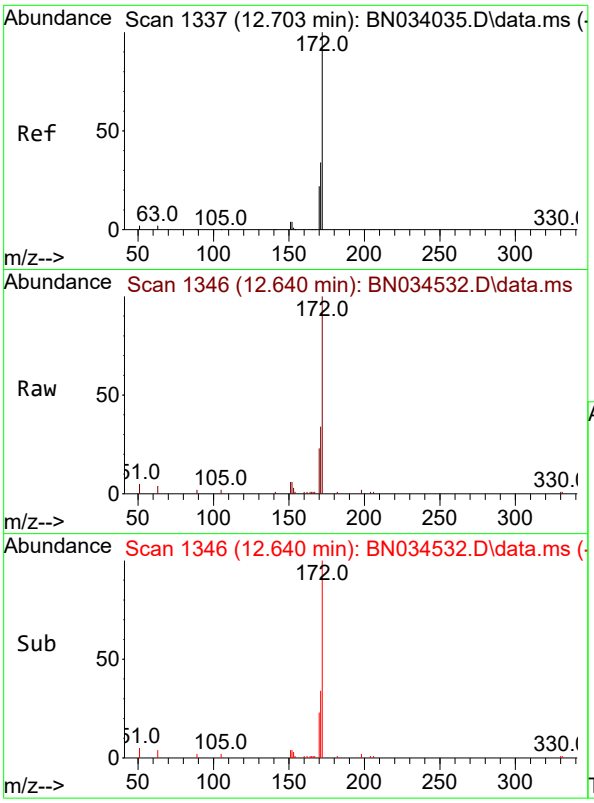


#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:330 Resp: 1035

Ion	Ratio	Lower	Upper
330	100		
332	135.7	77.4	116.0#
141	31.6	35.9	53.9#



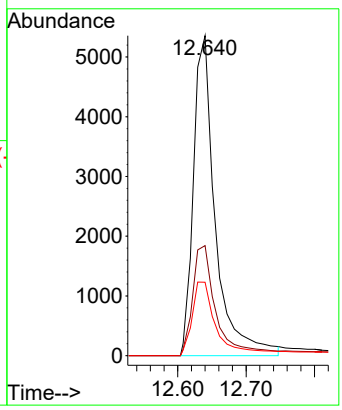


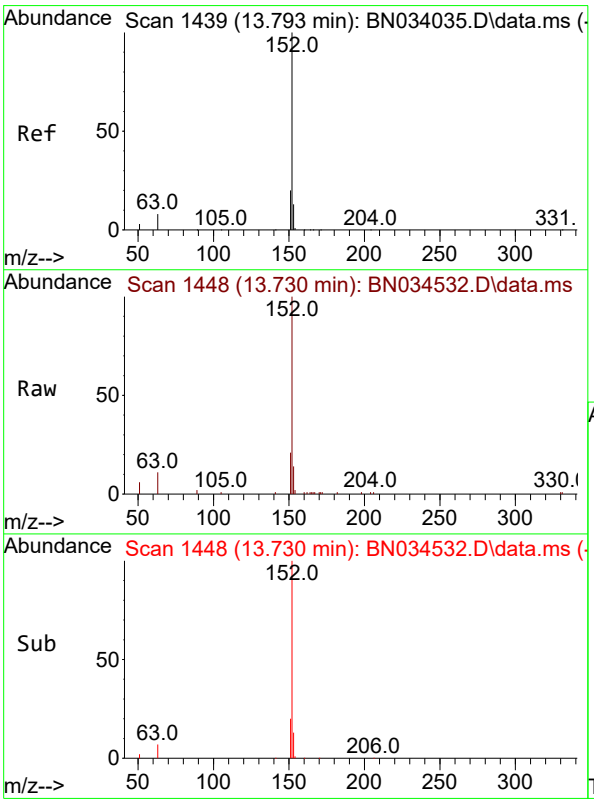
#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.640 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:172 Resp: 10934

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.3	40.9
170	23.0	18.1	27.1

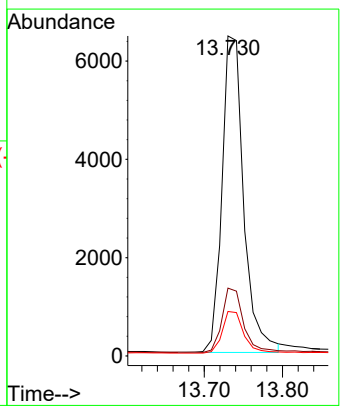


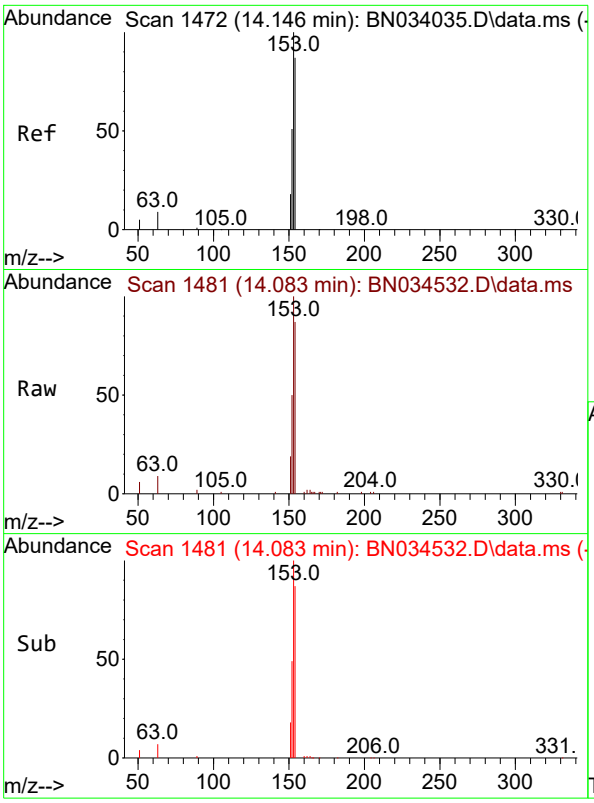


#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.730 min Scan# 1448
Delta R.T. -0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:152 Resp: 12394

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.0	10.3	15.5



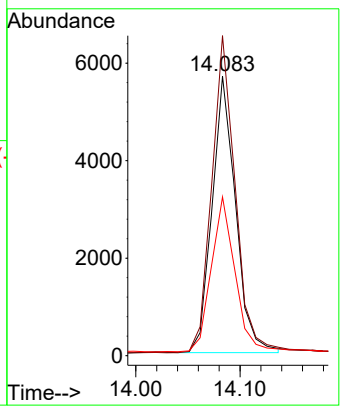


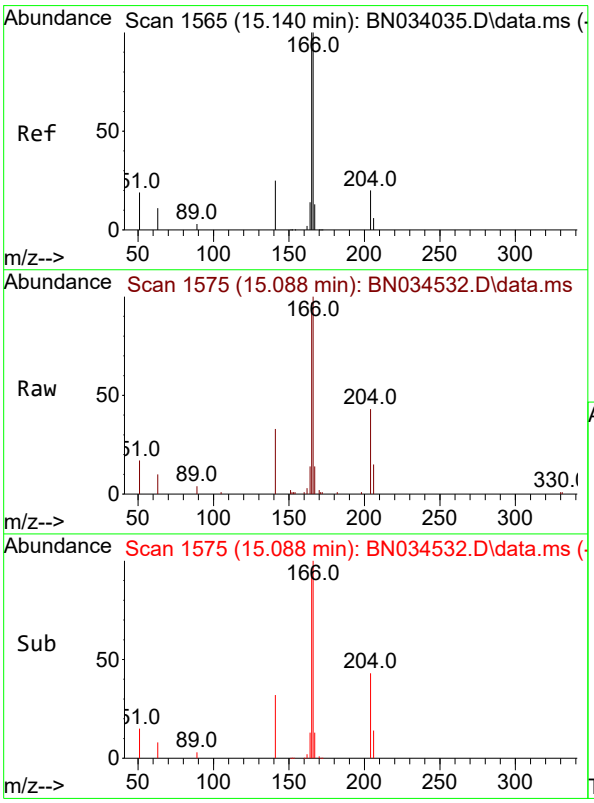
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:154 Resp: 8896

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.6	137.4
152	56.5	47.4	71.2

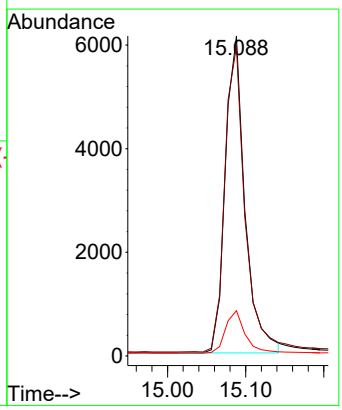


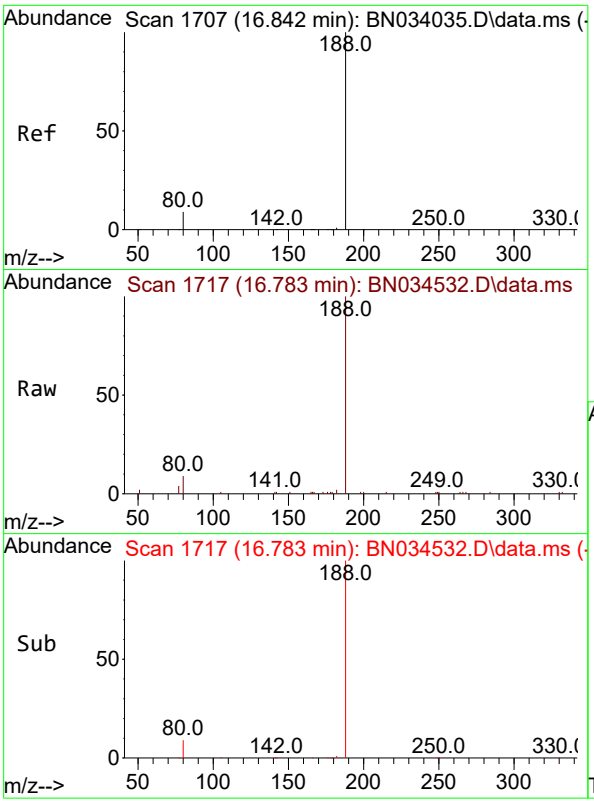


#18
Fluorene
Concen: 0.332 ng
RT: 15.088 min Scan# 1575
Delta R.T. 0.004 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:166 Resp: 10708

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.1	118.7
167	13.3	10.6	15.8



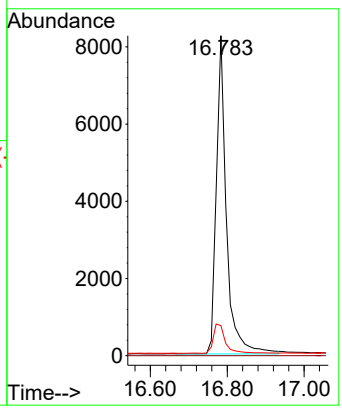


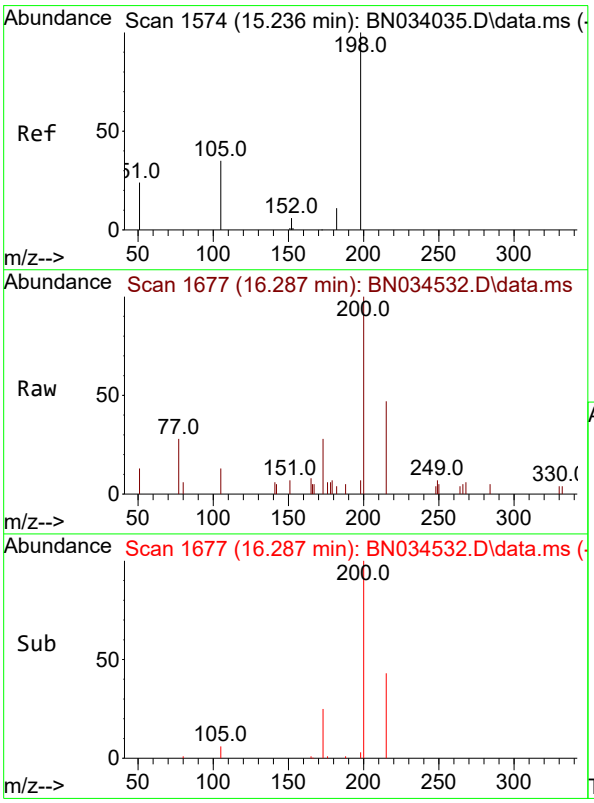
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:188 Resp: 14993

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.0

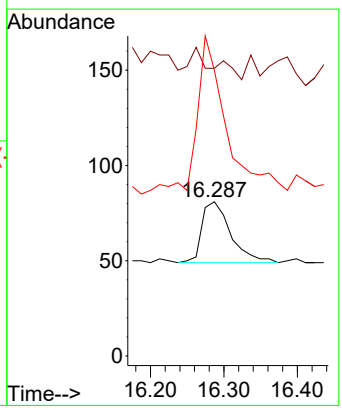


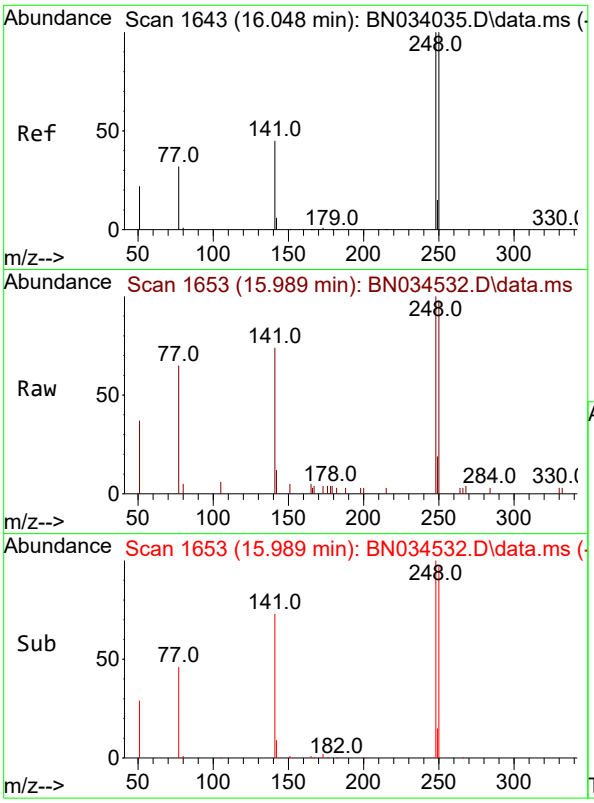


#20
4,6-Dinitro-2-methylphenol
Concen: 0.169 ng
RT: 16.287 min Scan# 1677
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:198 Resp: 87

Ion	Ratio	Lower	Upper
198	100		
51	186.4	106.4	159.6#
105	185.2	38.5	57.7#



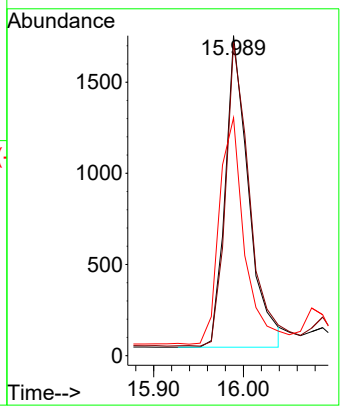


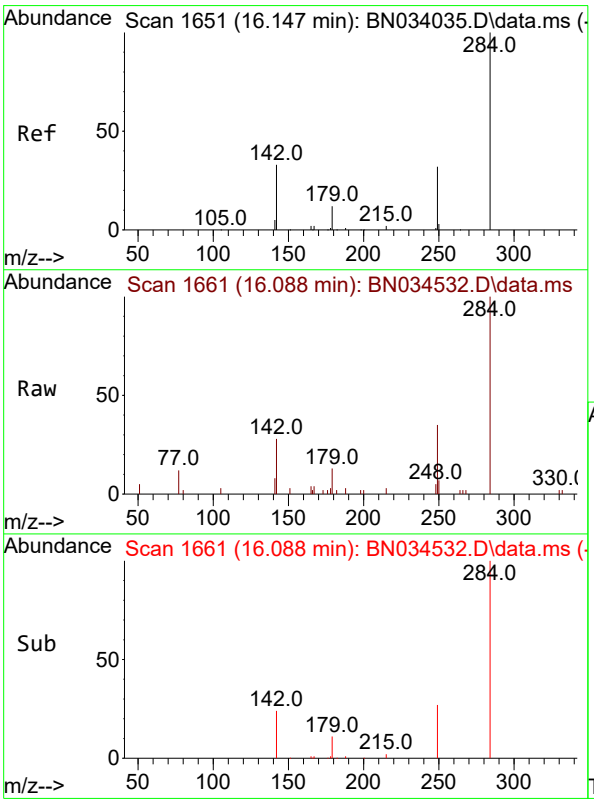
#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 15.989 min Scan# 1(
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:248 Resp: 3102

Ion	Ratio	Lower	Upper
248	100		
250	97.8	80.5	120.7
141	74.4	37.1	55.7#

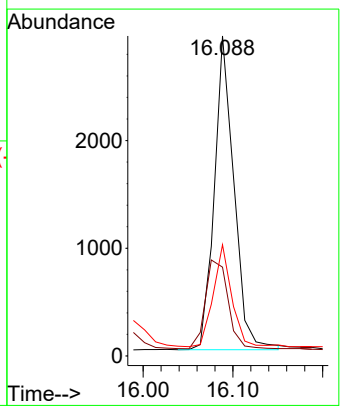


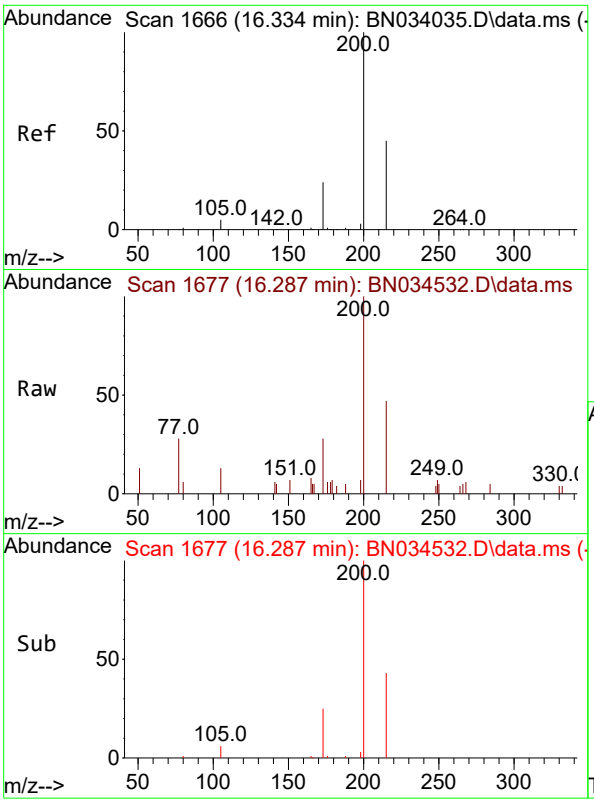


#22
Hexachlorobenzene
Concen: 0.470 ng
RT: 16.088 min Scan# 1661
Delta R.T. -0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:284 Resp: 4437

Ion	Ratio	Lower	Upper
284	100		
142	32.5	34.5	51.7#
249	30.3	25.8	38.6



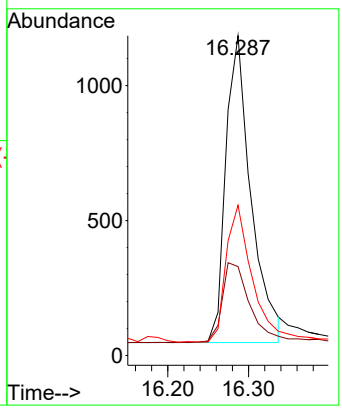


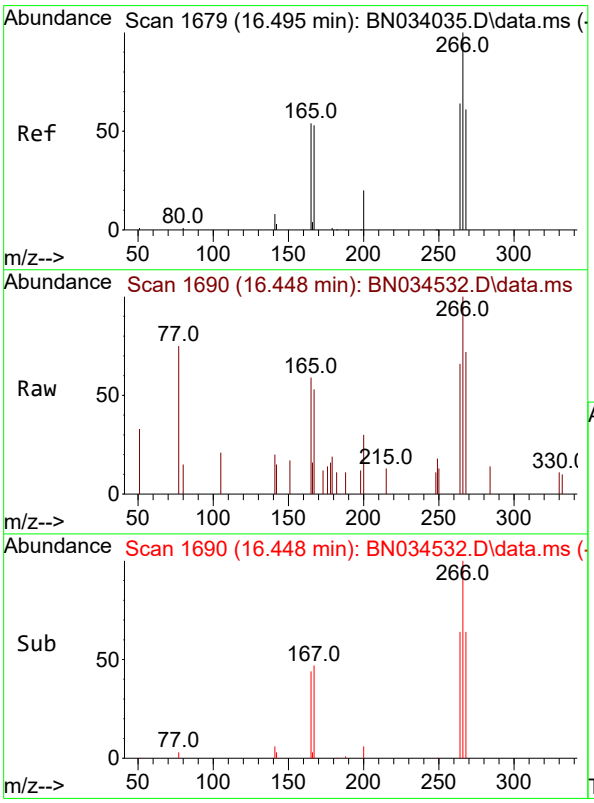
#23
Atrazine
Concen: 0.353 ng
RT: 16.287 min Scan# 1(
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:200 Resp: 2465

Ion	Ratio	Lower	Upper
200	100		
173	27.8	20.1	30.1
215	47.0	37.0	55.6

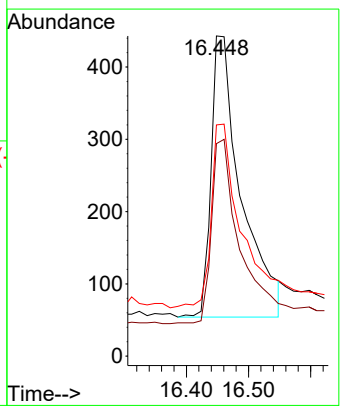


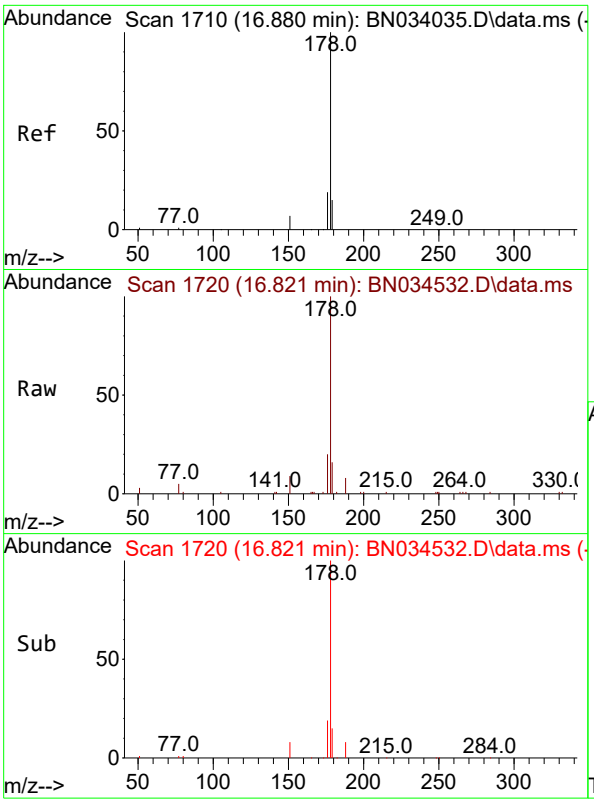


#24
Pentachlorophenol
Concen: 0.417 ng
RT: 16.448 min Scan# 1690
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:266 Resp: 1303

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.2
268	65.2	51.0	76.4



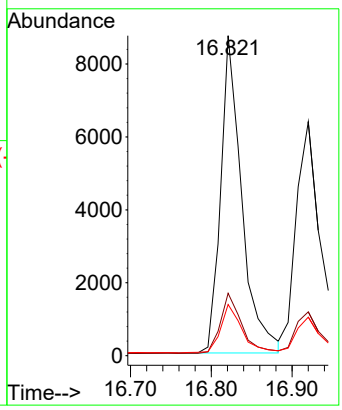


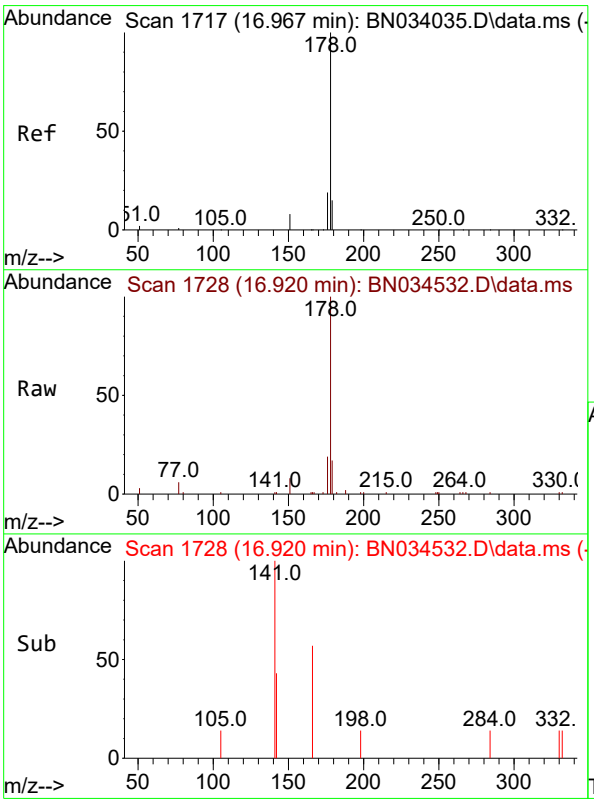
#25
Phenanthrene
Concen: 0.368 ng
RT: 16.821 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:178 Resp: 15855

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.1	18.1

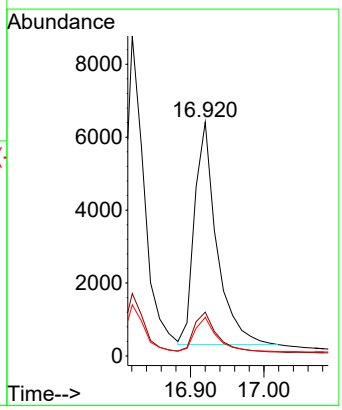


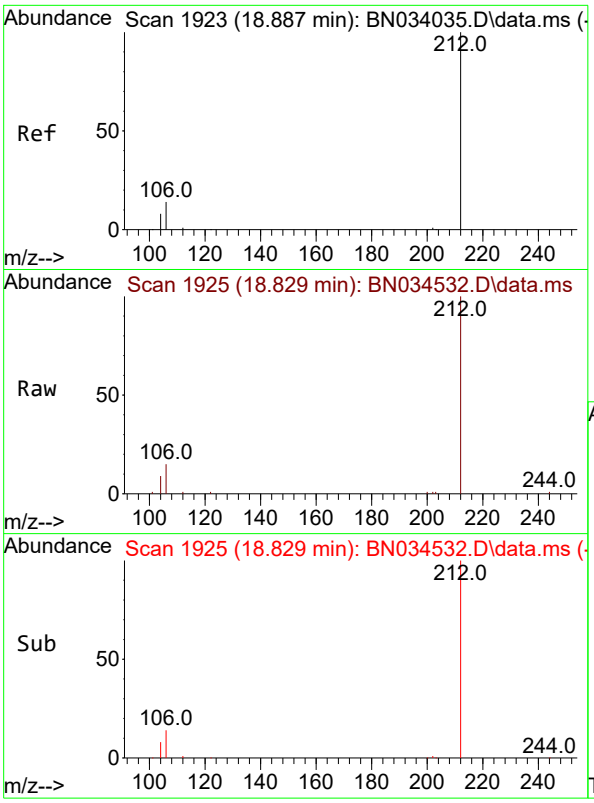


#26
Anthracene
Concen: 0.365 ng
RT: 16.920 min Scan# 1728
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:178 Resp: 12810

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.2	18.4



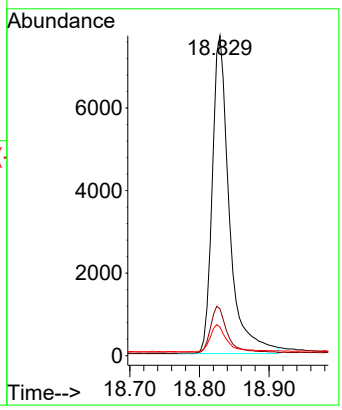


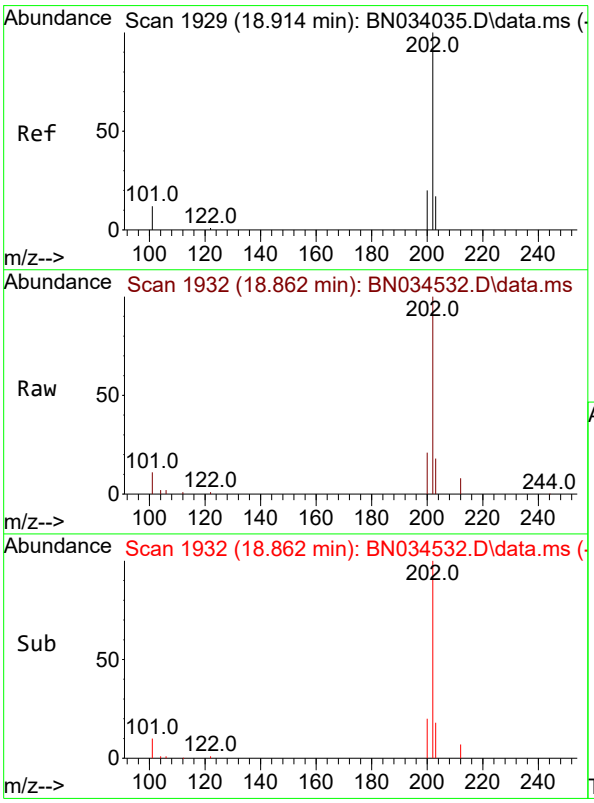
#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 18.829 min Scan# 1
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:212 Resp: 13134

Ion	Ratio	Lower	Upper
212	100		
106	14.6	13.4	20.2
104	8.2	7.8	11.6

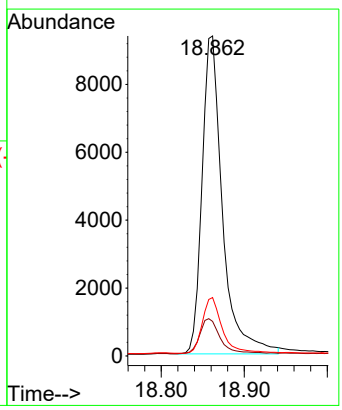


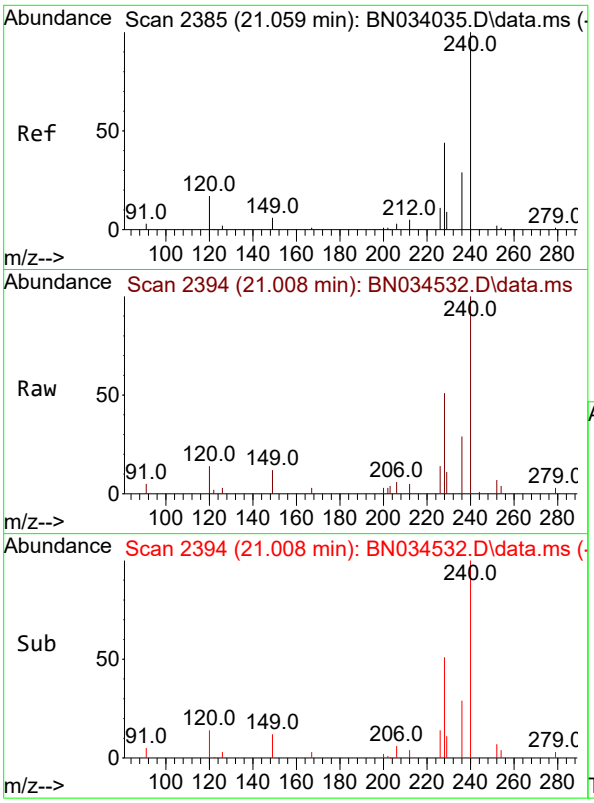


#28
Fluoranthene
Concen: 0.322 ng
RT: 18.862 min Scan# 1932
Delta R.T. 0.007 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:202 Resp: 16050

Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.1	15.1
203	17.1	13.6	20.4



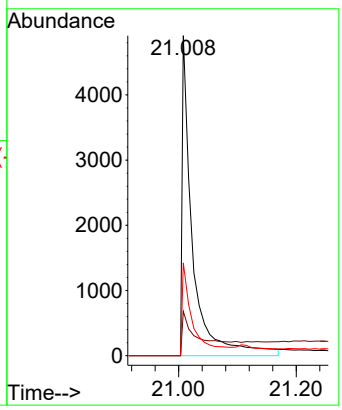


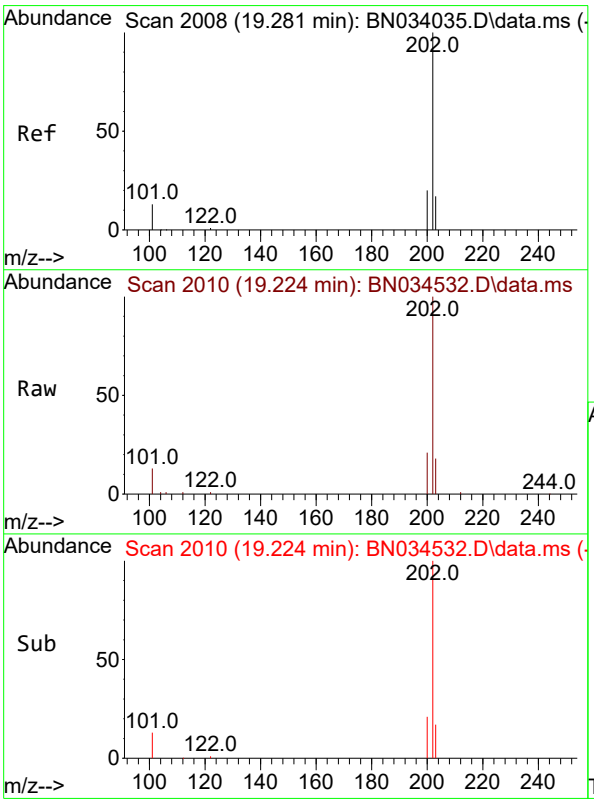
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:240 Resp: 6346

Ion	Ratio	Lower	Upper
240	100		
120	13.8	13.5	20.3
236	29.0	23.4	35.0

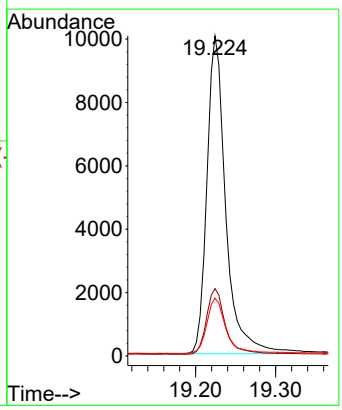


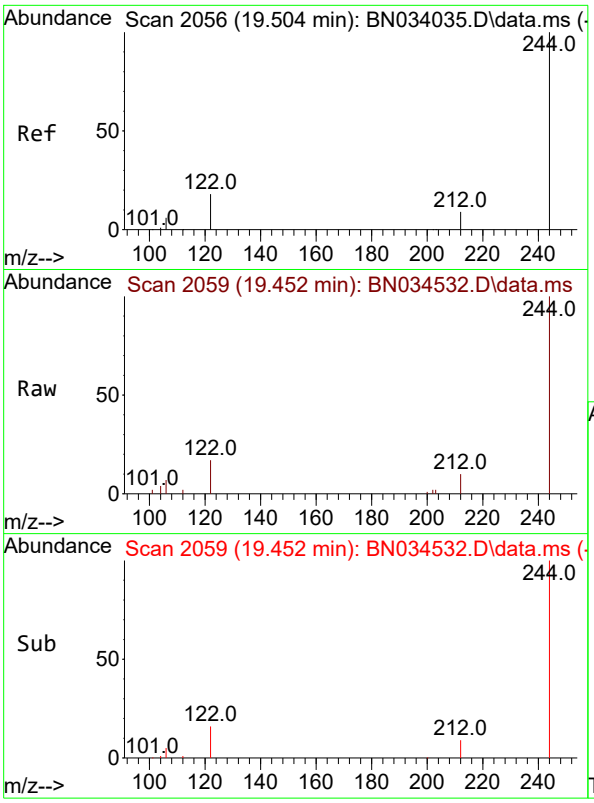


#30
Pyrene
Concen: 0.608 ng
RT: 19.224 min Scan# 2010
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:202 Resp: 16296

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	14.3	21.5



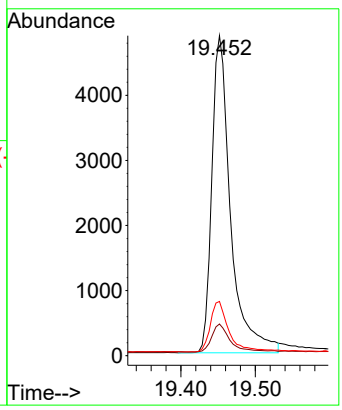


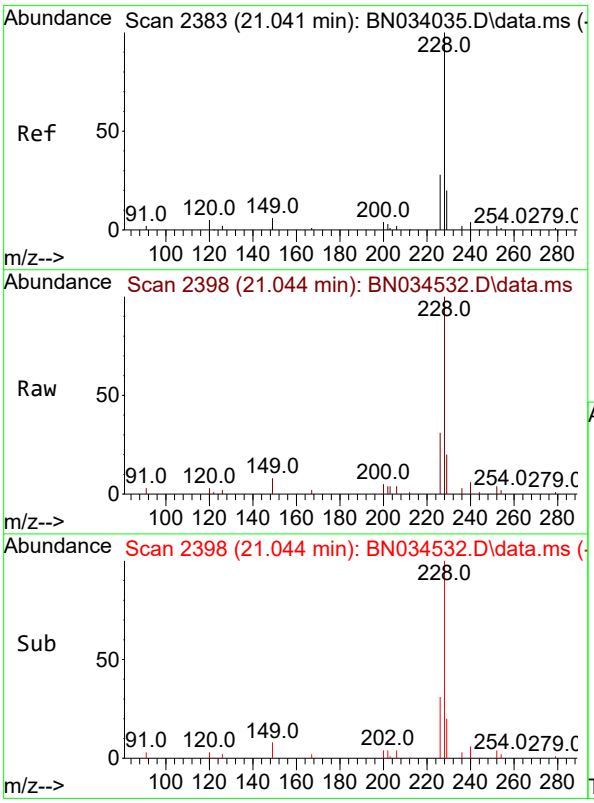
#31
Terphenyl-d14
Concen: 0.673 ng
RT: 19.452 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:244 Resp: 8525

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.8	11.6
122	16.9	14.8	22.2

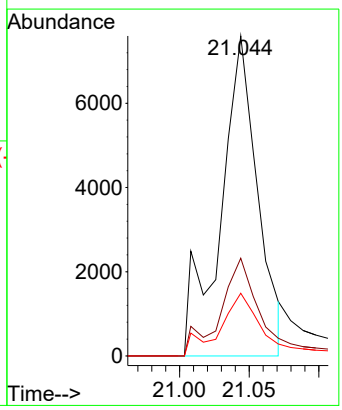


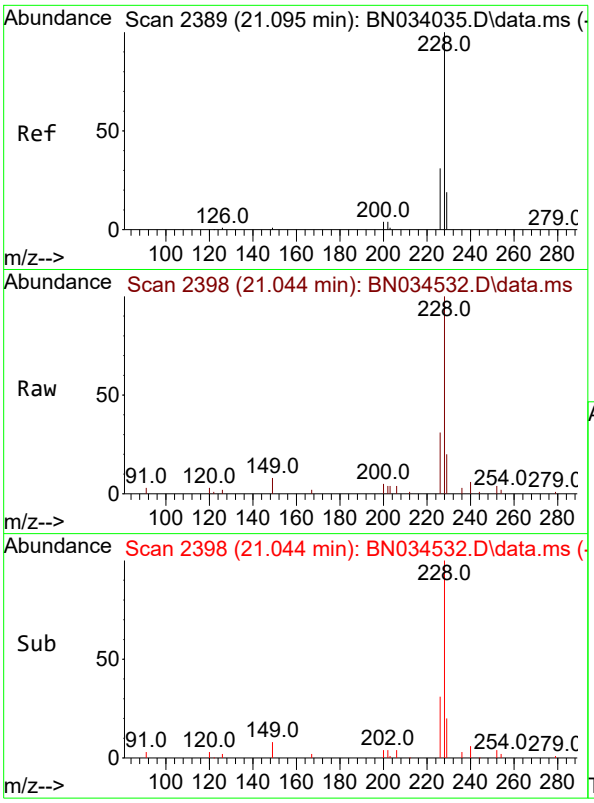


#32
Benzo(a)anthracene
Concen: 0.643 ng
RT: 21.044 min Scan# 2398
Delta R.T. 0.038 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:228 Resp: 12908

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	19.6	15.7	23.5



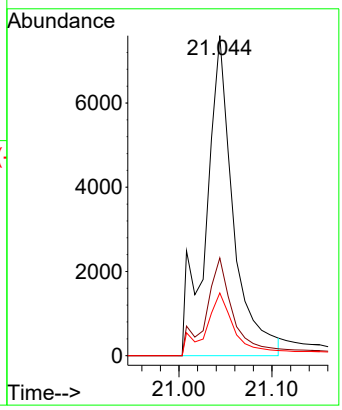


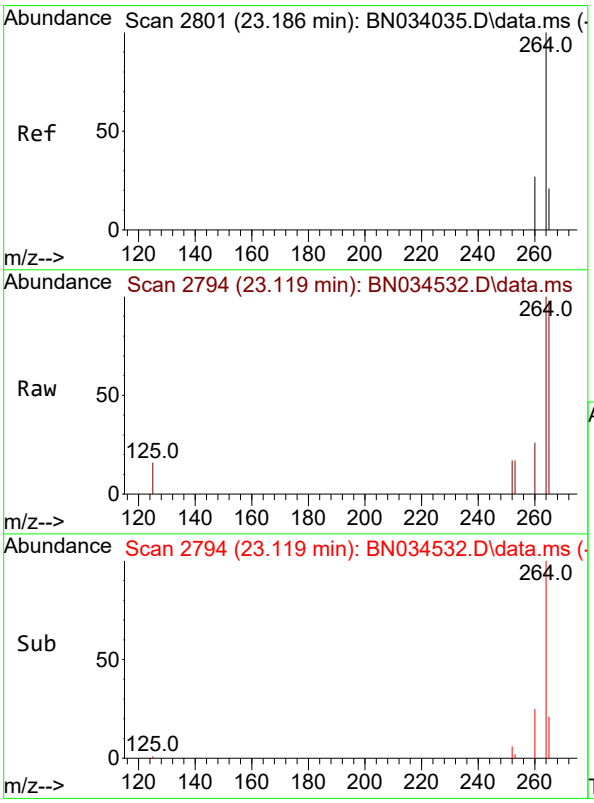
#33
Chrysene
Concen: 0.608 ng
RT: 21.044 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:228 Resp: 14556

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.6	15.5	23.3

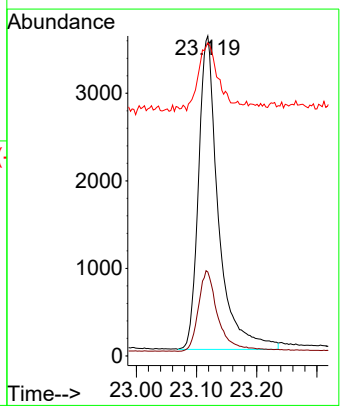


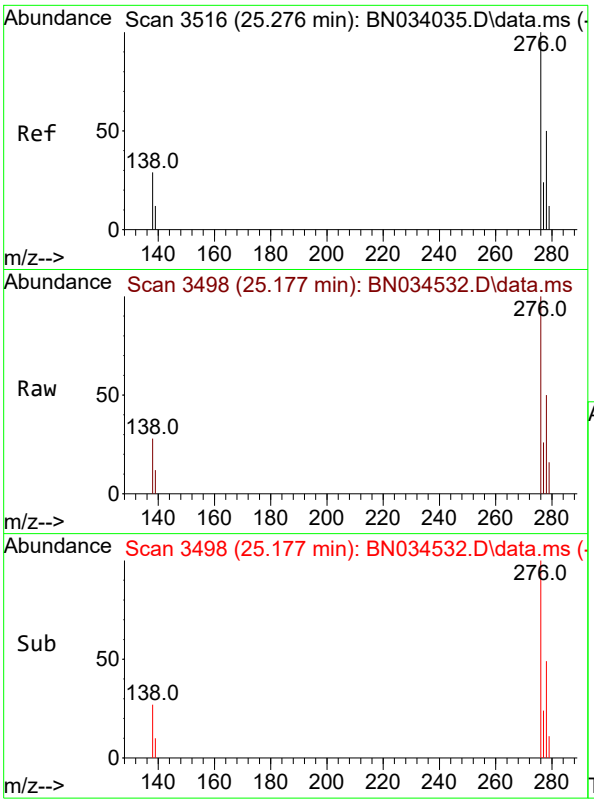


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 2794
Delta R.T. 0.005 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:264 Resp: 8226

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.7	32.5
265	97.8	52.1	78.1#



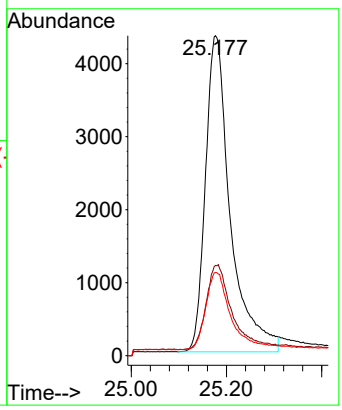


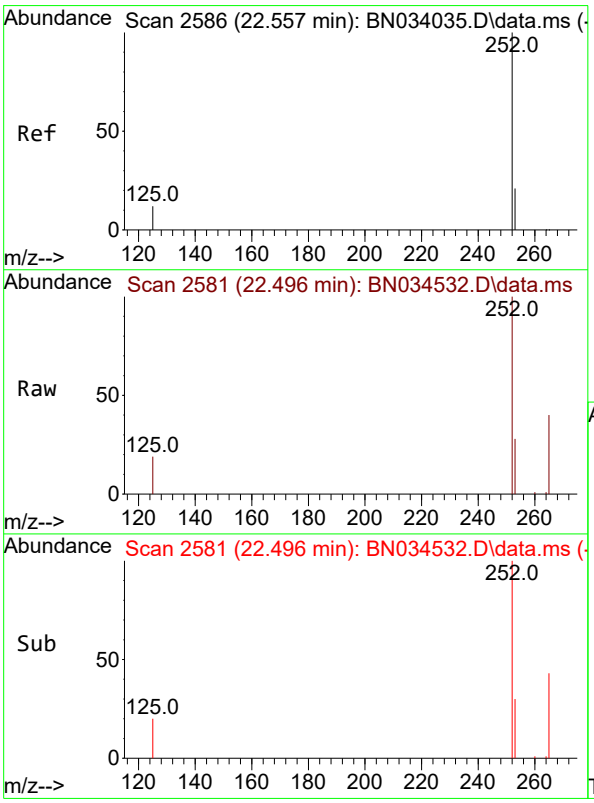
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.177 min Scan# 34
Delta R.T. 0.008 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:276 Resp: 15731

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.9	38.9
277	25.1	19.7	29.5

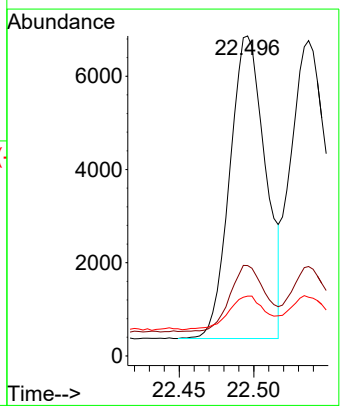


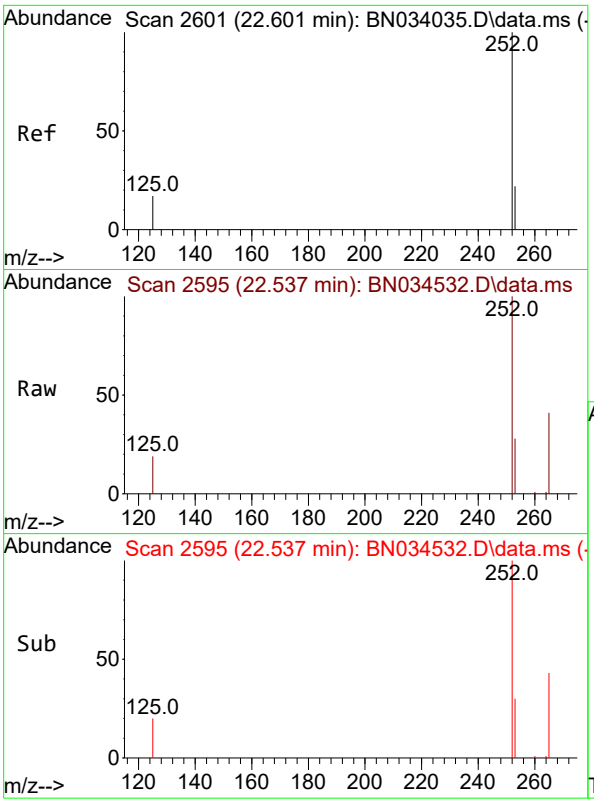


#37
Benzo(b)fluoranthene
Concen: 0.336 ng
RT: 22.496 min Scan# 2581
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:252 Resp: 10816

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.6	29.4
125	18.7	13.8	20.8



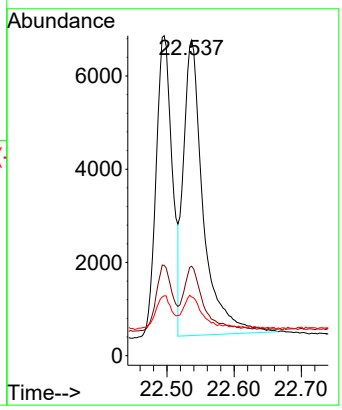


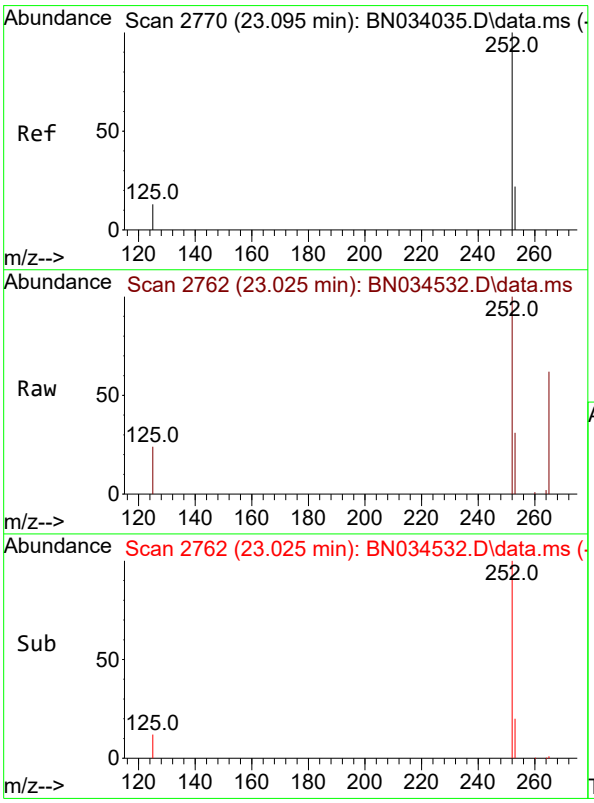
#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.537 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:252 Resp: 12950

Ion	Ratio	Lower	Upper
252	100		
253	28.4	20.1	30.1
125	18.6	16.8	25.2

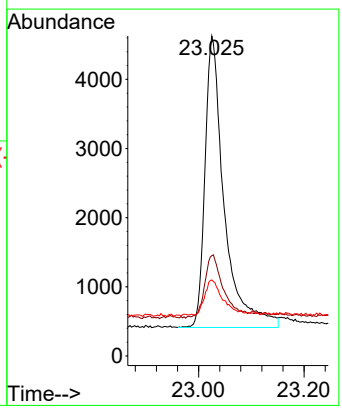


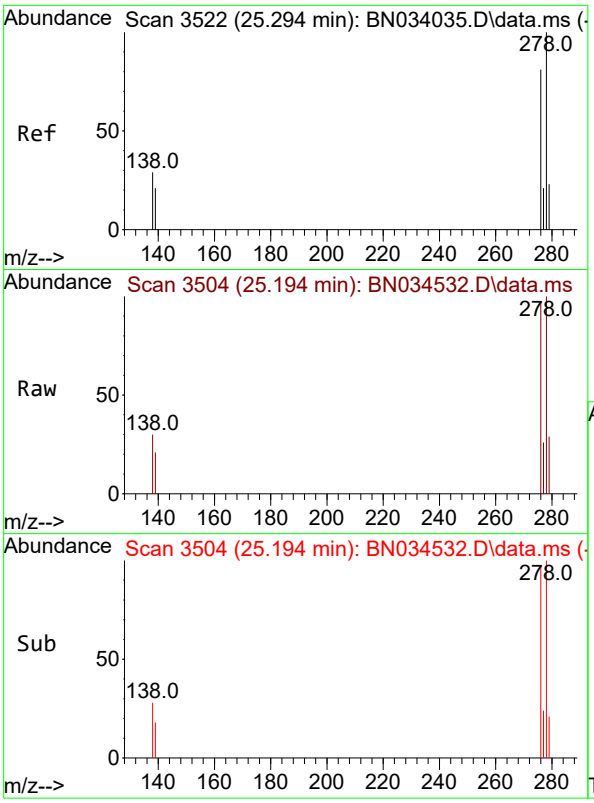


#39
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.025 min Scan# 2762
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:252 Resp: 10678

Ion	Ratio	Lower	Upper
252	100		
253	31.3	21.8	32.8
125	23.8	17.5	26.3



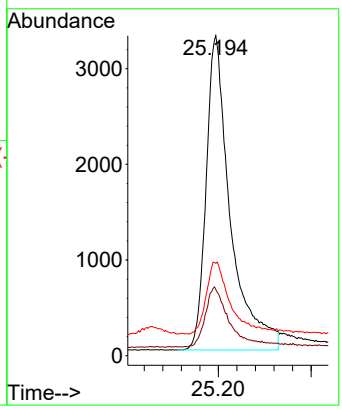


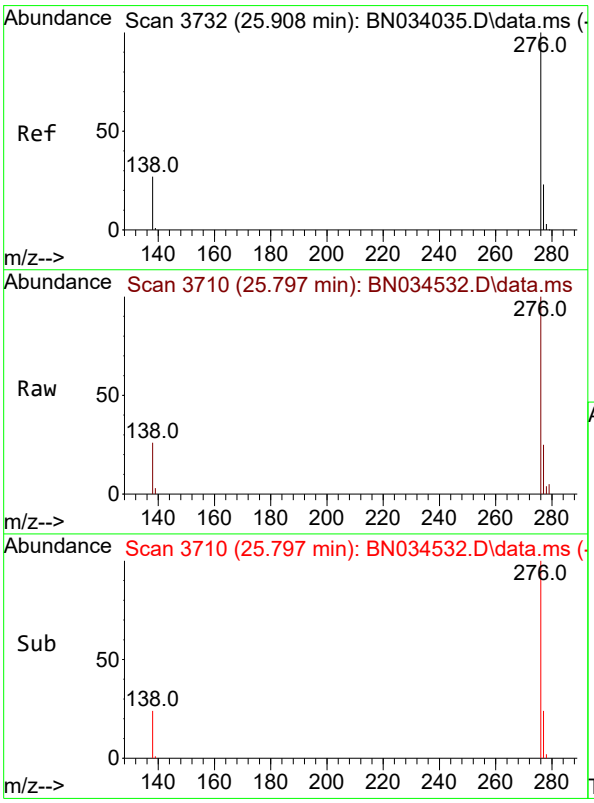
#40
Dibenzo(a,h)anthracene
Concen: 0.436 ng
RT: 25.194 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Instrument :
BNA_N
ClientSampleId :
PB163828BS

Tgt Ion:278 Resp: 11948

Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.8	26.8
279	28.8	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.440 ng
RT: 25.797 min Scan# 3710
Delta R.T. 0.002 min
Lab File: BN034532.D
Acq: 10 Oct 2024 21:43

Tgt Ion:276 Resp: 13530

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.3	28.9
138	25.6	22.6	34.0