Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031428.D
Acq On : 07 May 2024 18:53
Operator : MA/JU
Sample : PB160745BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Quant Time: May 08 00:03:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

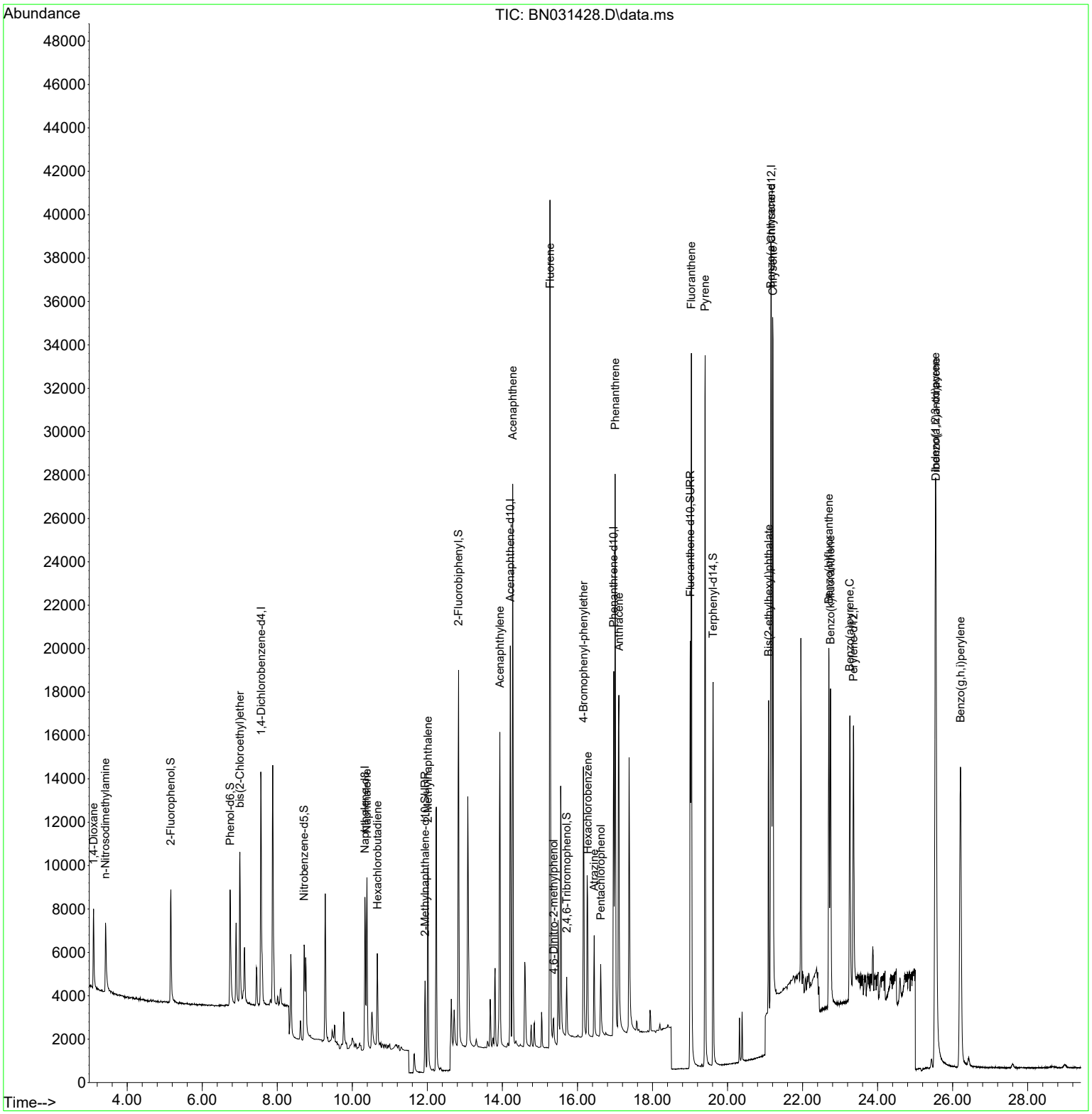
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	5803	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	9962	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	10377	0.400	ng		0.00
19) Phenanthrene-d10	16.967	188	23381	0.400	ng		0.00
29) Chrysene-d12	21.166	240	20485	0.400	ng	#	0.00
35) Perylene-d12	23.356	264	16688	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	5009	0.368	ng		0.00
5) Phenol-d6	6.743	99	5720	0.354	ng		0.00
8) Nitrobenzene-d5	8.713	82	4526	0.518	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	6394	0.526	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1492	0.292	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	16354	0.426	ng		0.00
27) Fluoranthene-d10	19.008	212	23354	0.369	ng		0.00
31) Terphenyl-d14	19.616	244	18525	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2594	0.375	ng		99
3) n-Nitrosodimethylamine	3.421	42	2563	0.371	ng	#	95
6) bis(2-Chloroethyl)ether	7.003	93	5508	0.365	ng		99
9) Naphthalene	10.389	128	10253	0.368	ng		99
10) Hexachlorobutadiene	10.667	225	3162	0.544	ng	#	99
12) 2-Methylnaphthalene	12.013	142	7445	0.531	ng		98
16) Acenaphthylene	13.932	152	16382	0.360	ng		100
17) Acenaphthene	14.274	154	12139	0.389	ng		100
18) Fluorene	15.269	166	15849	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.365	198	1057	0.319	ng		90
21) 4-Bromophenyl-phenylether	16.160	248	5073	0.376	ng		99
22) Hexachlorobenzene	16.272	284	5951	0.385	ng		100
23) Atrazine	16.445	200	3756	0.355	ng		99
24) Pentachlorophenol	16.619	266	1816	0.364	ng		98
25) Phenanthrene	17.004	178	25672	0.383	ng		100
26) Anthracene	17.103	178	20005	0.355	ng		99
28) Fluoranthene	19.035	202	29959	0.366	ng		100
30) Pyrene	19.402	202	30456	0.430	ng		100
32) Benzo(a)anthracene	21.157	228	26343	0.372	ng		99
33) Chrysene	21.211	228	28917	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	17774	0.476	ng	#	84
36) Indeno(1,2,3-cd)pyrene	25.540	276	33795	0.501	ng		99
37) Benzo(b)fluoranthene	22.701	252	19380	0.296	ng		99
38) Benzo(k)fluoranthene	22.744	252	19284	0.300	ng		98
39) Benzo(a)pyrene	23.259	252	19090	0.348	ng		98
40) Dibenzo(a,h)anthracene	25.554	278	26733	0.503	ng		98
41) Benzo(g,h,i)perylene	26.209	276	29814	0.553	ng		99

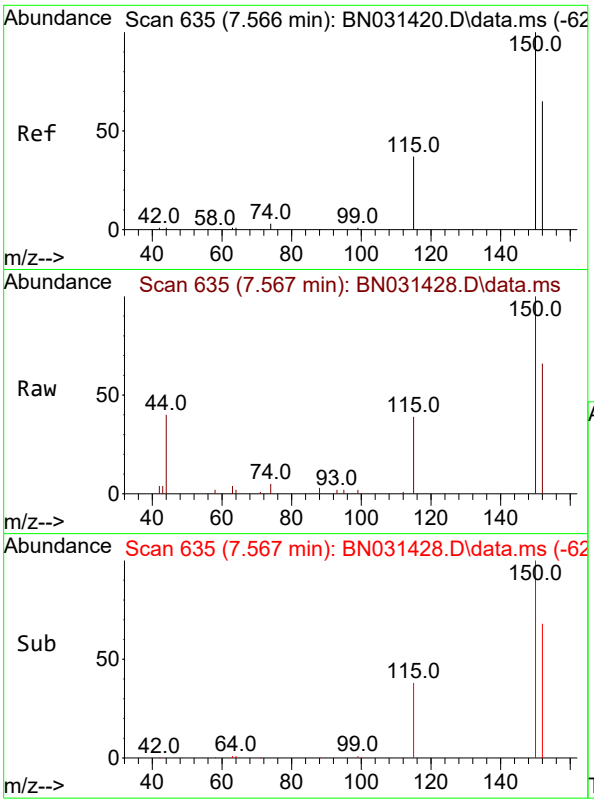
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031428.D
Acq On : 07 May 2024 18:53
Operator : MA/JU
Sample : PB160745BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Quant Time: May 08 00:03:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration



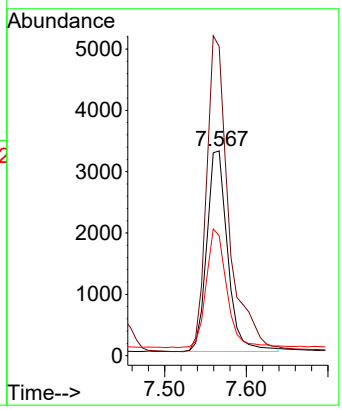


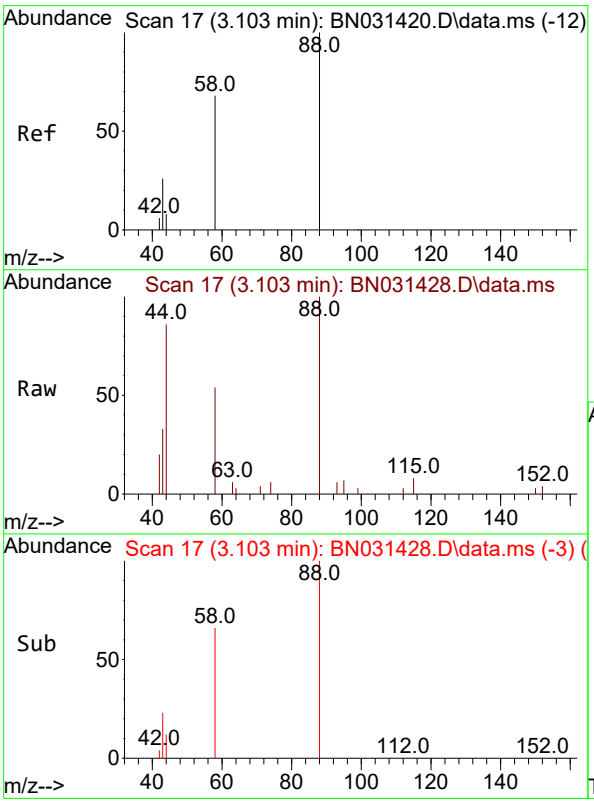
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.567 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:152 Resp: 5803

Ion	Ratio	Lower	Upper
152	100		
150	150.9	122.2	183.2
115	58.6	47.8	71.6

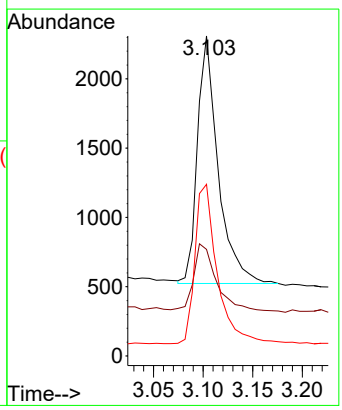


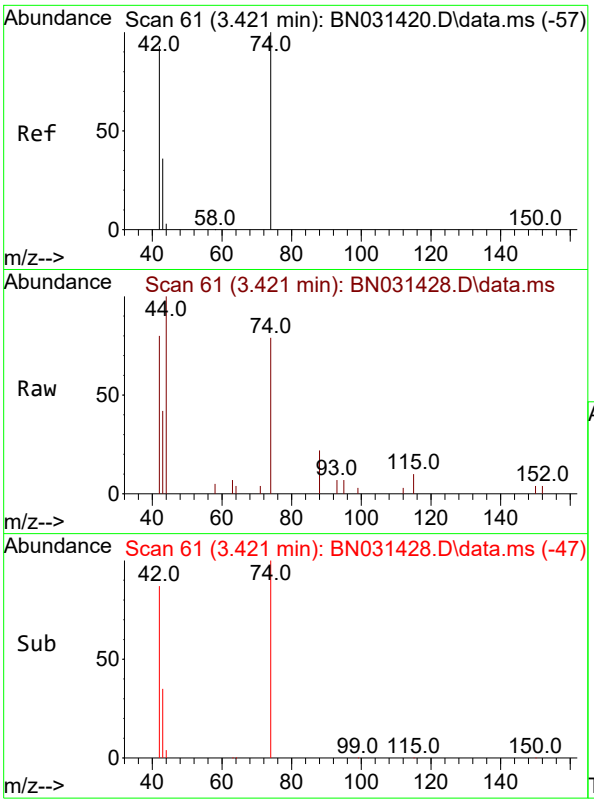


#2
1,4-Dioxane
Concen: 0.375 ng
RT: 3.103 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion: 88 Resp: 2594

Ion	Ratio	Lower	Upper
88	100		
43	29.6	23.8	35.8
58	69.4	54.6	81.8



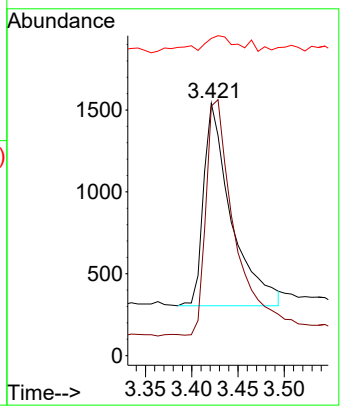


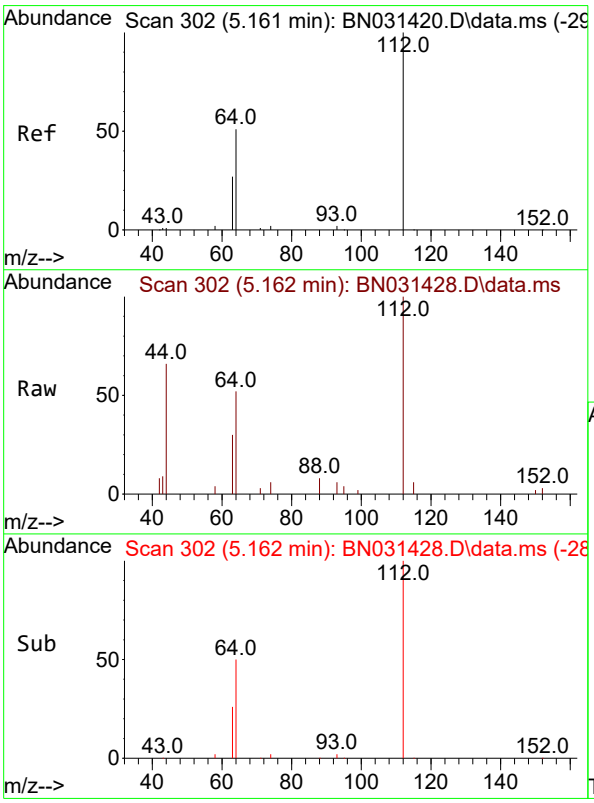
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 3.421 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion: 42 Resp: 2563

Ion	Ratio	Lower	Upper
42	100		
74	121.5	101.7	152.5
44	11.4	5.3	7.9#

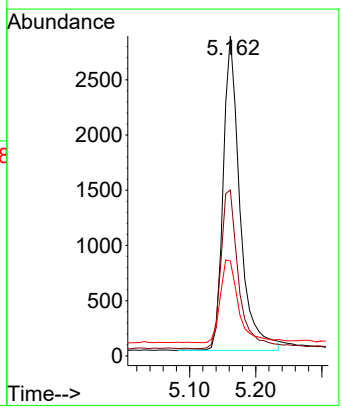


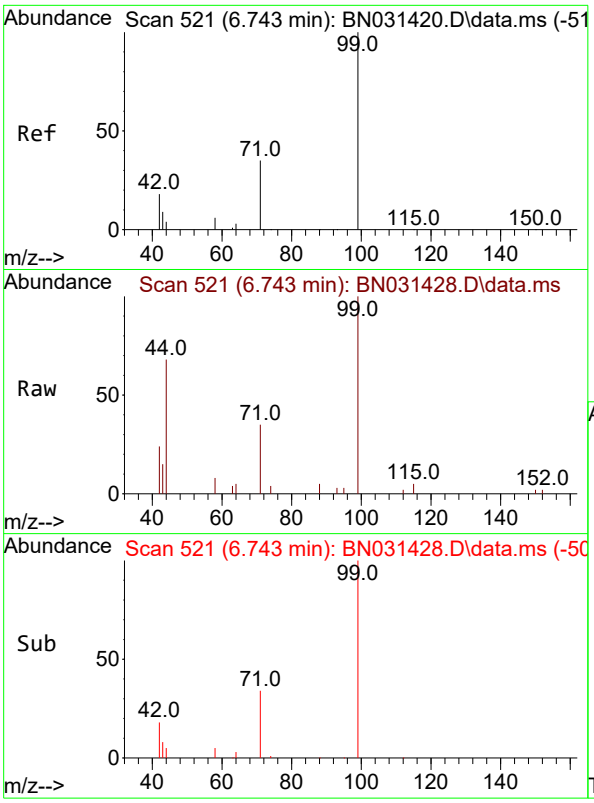


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.162 min Scan# 302
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:112 Resp: 5009

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.4	63.6
63	28.4	22.6	34.0



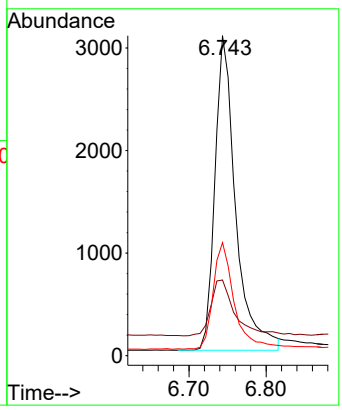


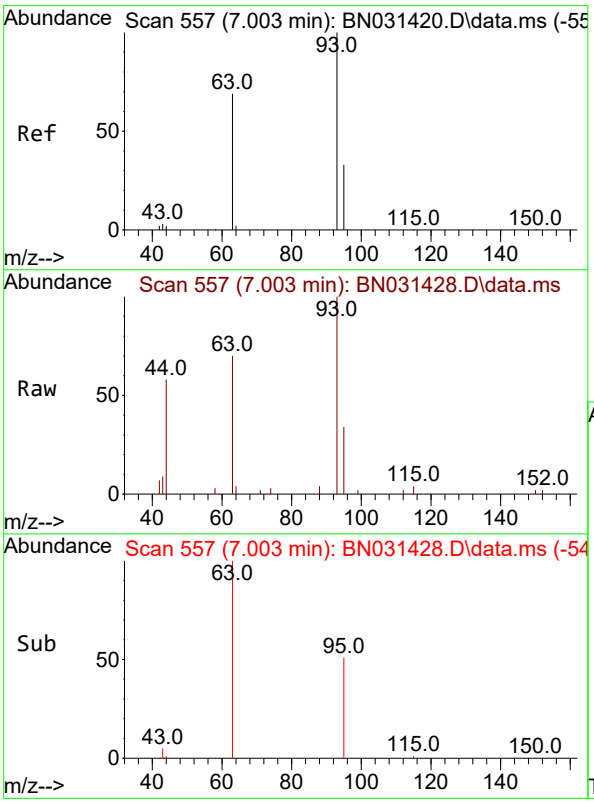
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.743 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion: 99 Resp: 5720

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.8
71	34.5	27.8	41.6

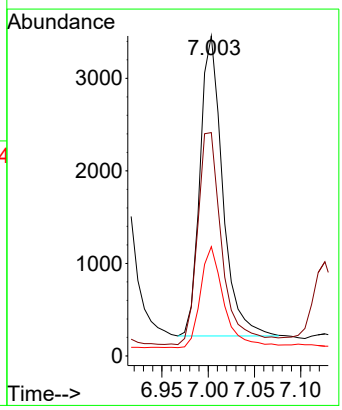


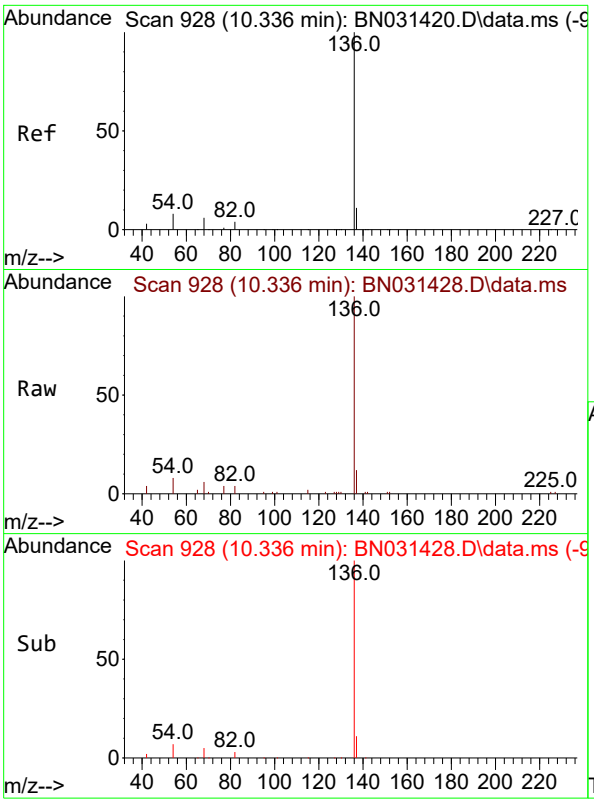


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.003 min Scan# 557
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion: 93 Resp: 5508

Ion	Ratio	Lower	Upper
93	100		
63	76.7	60.7	91.1
95	34.8	28.0	42.0



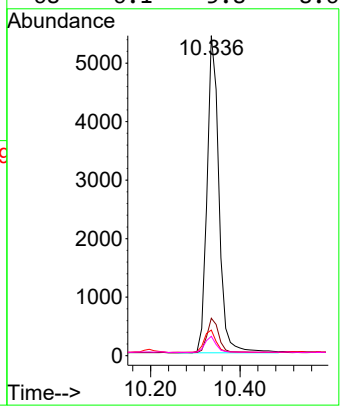


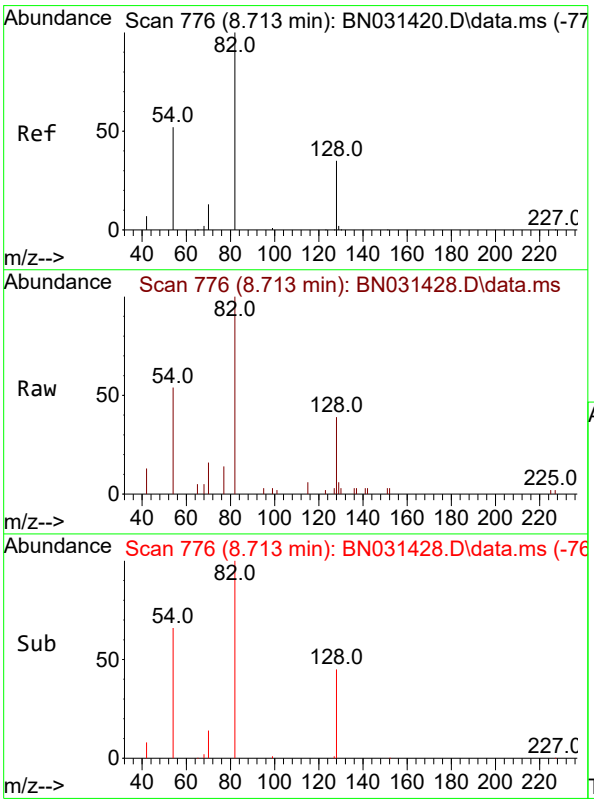
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:136 Resp: 9962

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	8.0	7.2	10.8
68	6.1	5.8	8.6

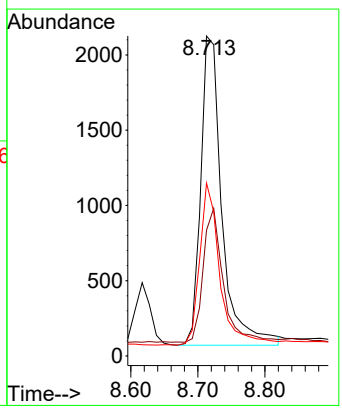


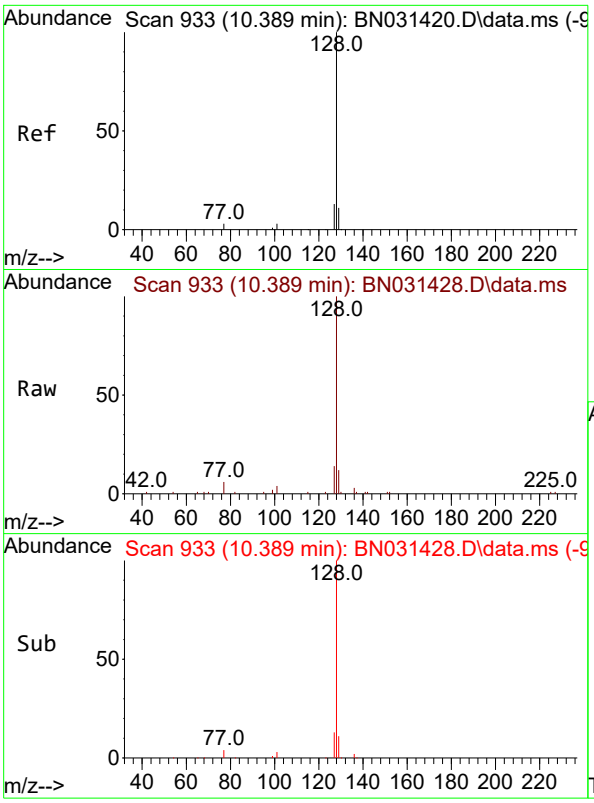


#8
Nitrobenzene-d5
Concen: 0.518 ng
RT: 8.713 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion: 82 Resp: 4526

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.0	45.0
54	54.0	43.4	65.0



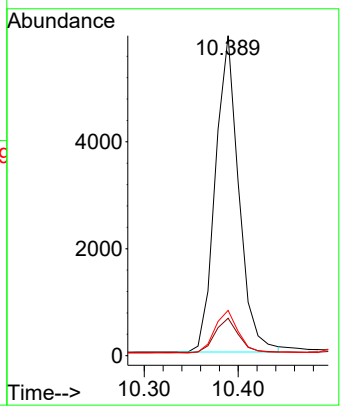


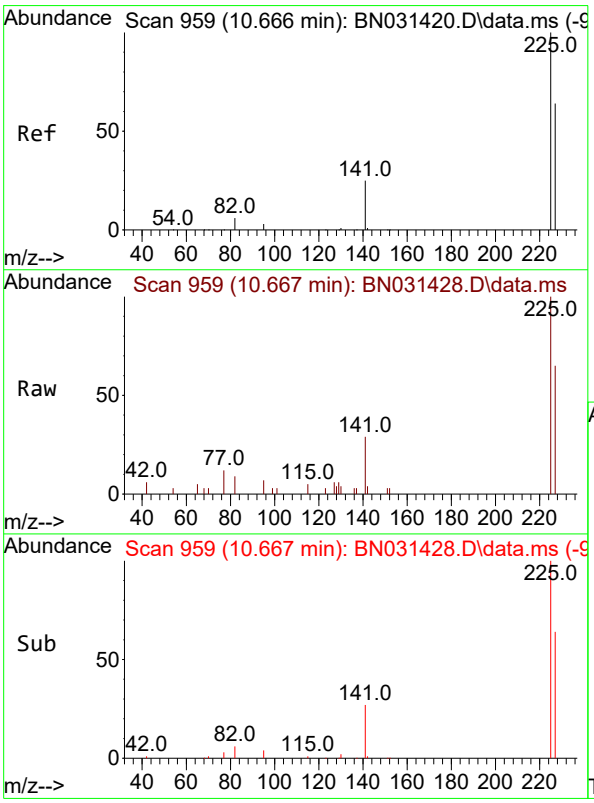
#9
Naphthalene
Concen: 0.368 ng
RT: 10.389 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:128 Resp: 10253

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.2	11.1	16.7

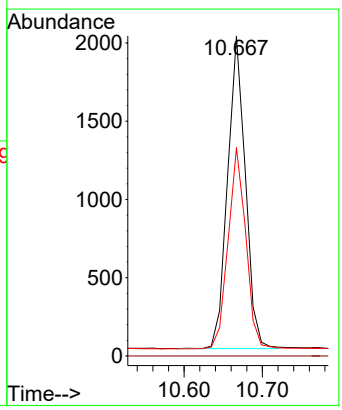


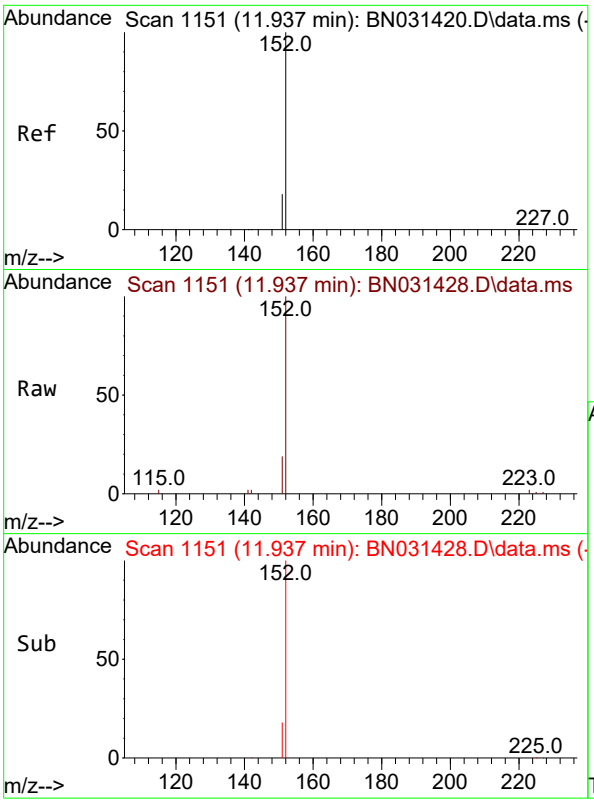


#10
Hexachlorobutadiene
Concen: 0.544 ng
RT: 10.667 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:225 Resp: 3162

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.8	76.2



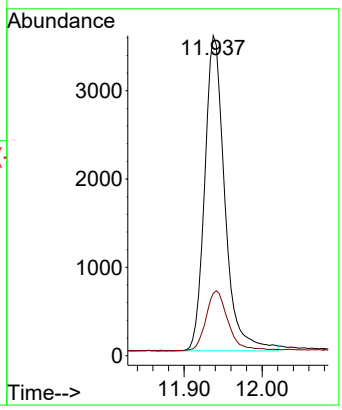


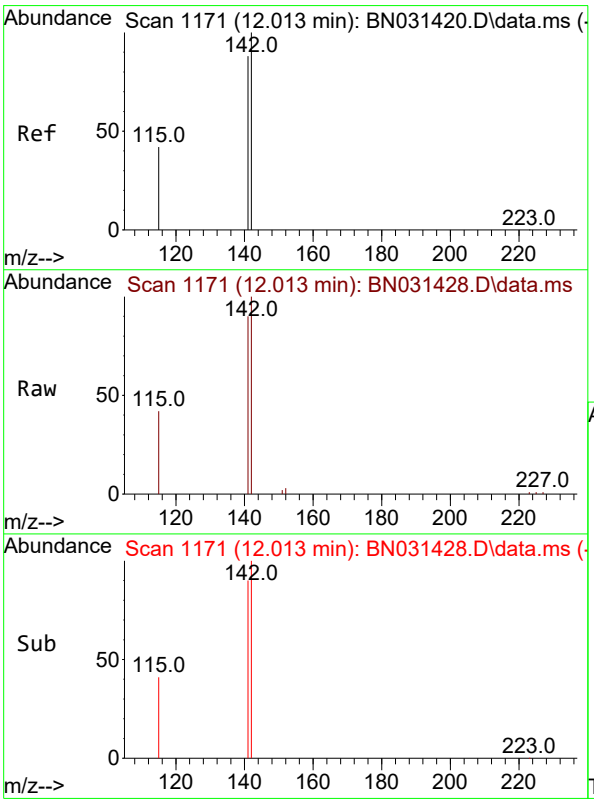
#11
2-Methylnaphthalene-d10
Concen: 0.526 ng
RT: 11.937 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:152 Resp: 6394

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1

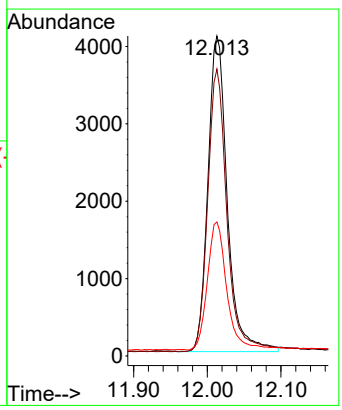


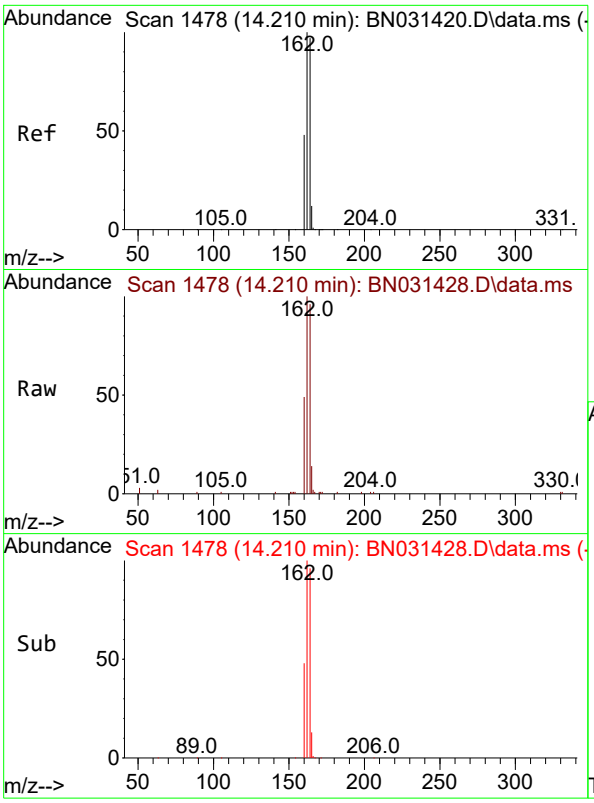


#12
2-Methylnaphthalene
Concen: 0.531 ng
RT: 12.013 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:142 Resp: 7445

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.2	105.2
115	41.9	34.2	51.4



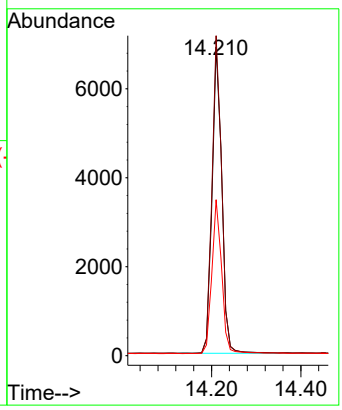


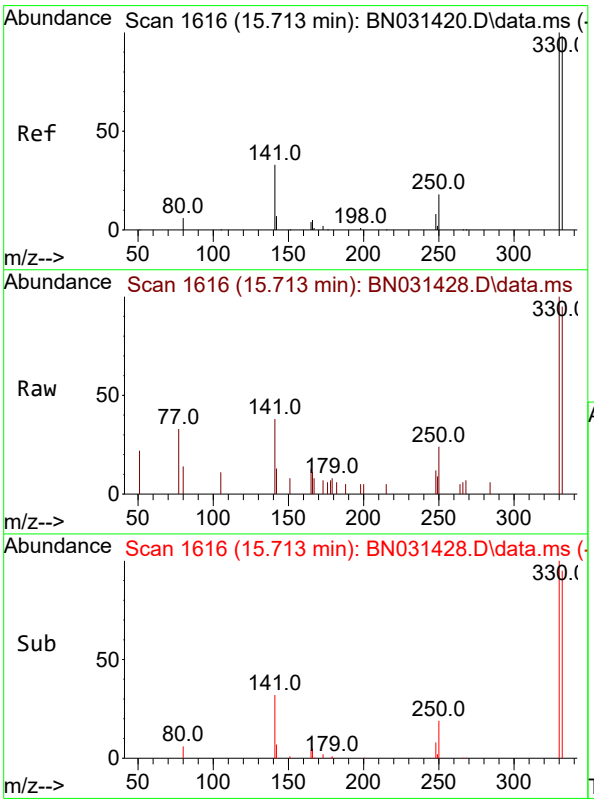
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:164 Resp: 10377

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.3	123.5
160	50.5	40.2	60.2

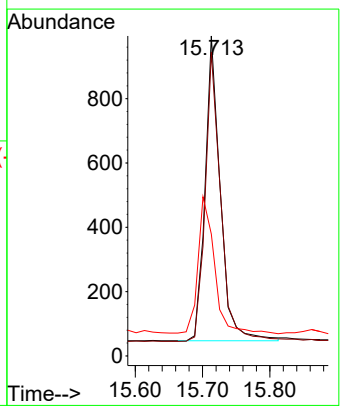


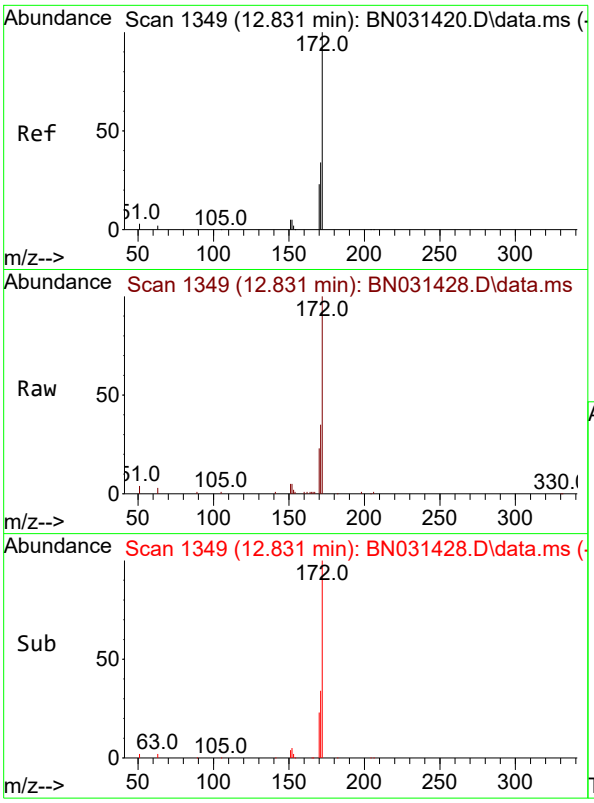


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.713 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:330 Resp: 1492

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	48.8	39.3	58.9



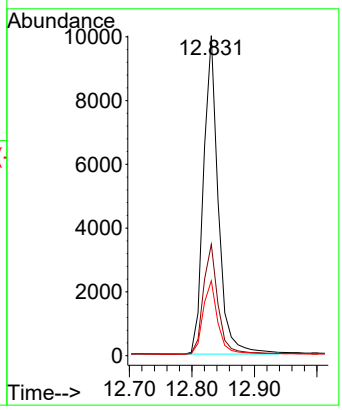


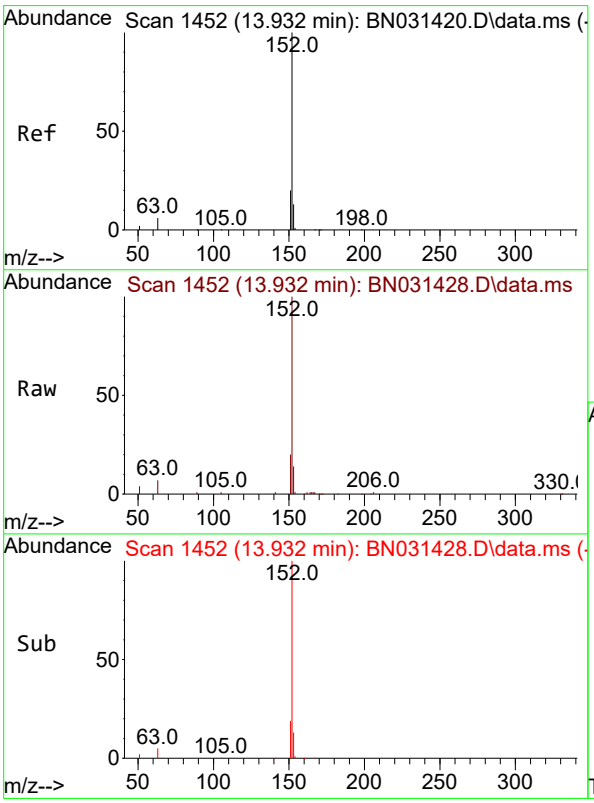
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:172 Resp: 16354

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.4	18.9	28.3

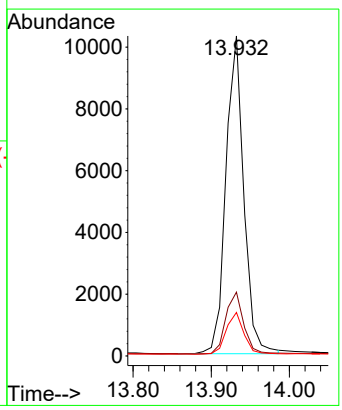


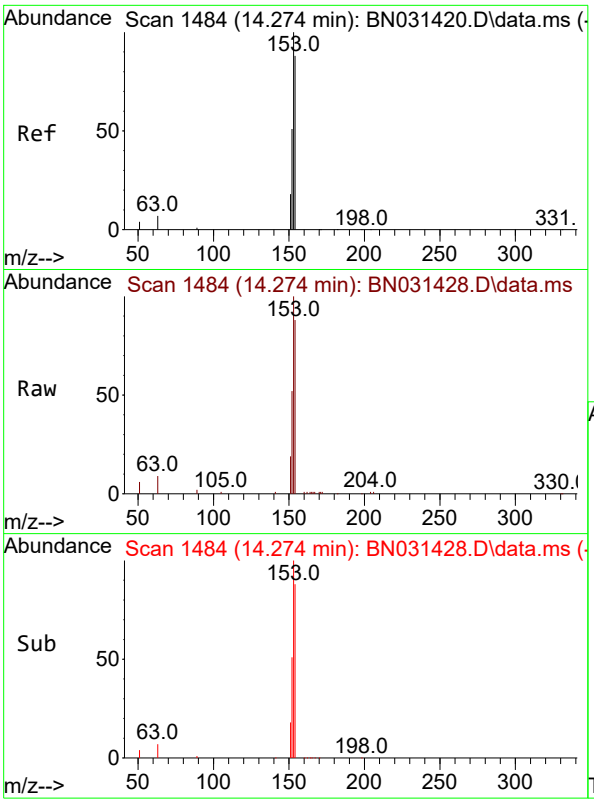


#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.932 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:152 Resp: 16382

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.5	15.7



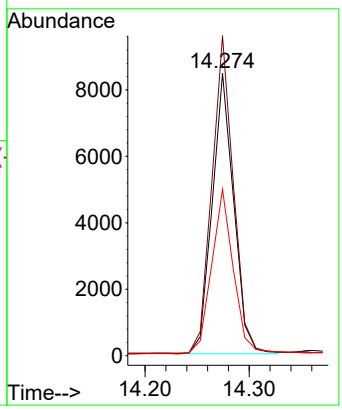


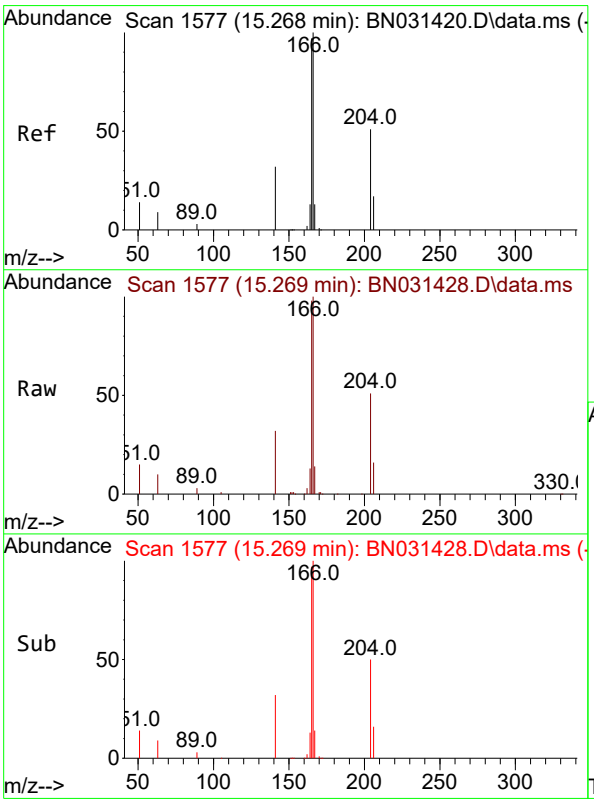
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:154 Resp: 12139

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.4	135.6
152	58.4	46.4	69.6

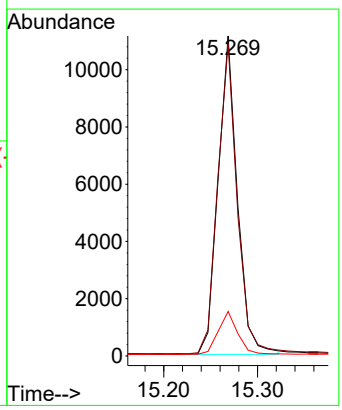


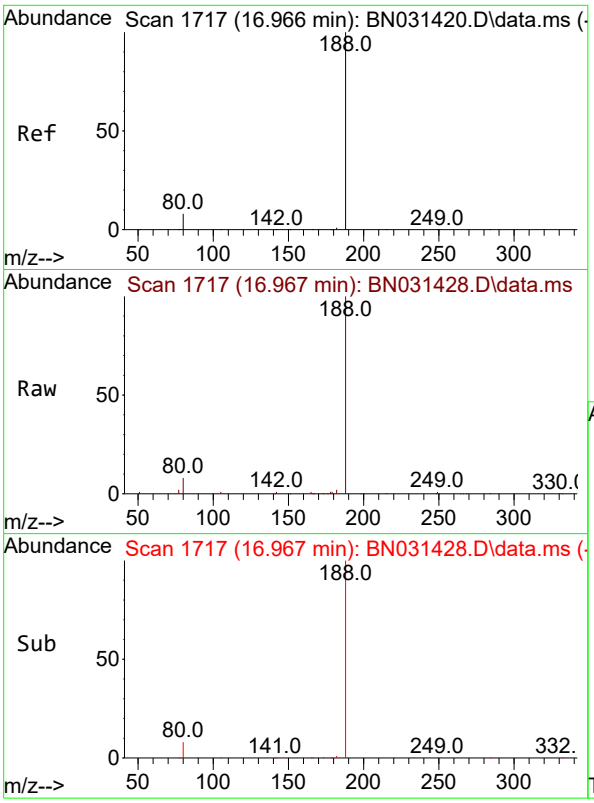


#18
Fluorene
Concen: 0.393 ng
RT: 15.269 min Scan# 1577
Delta R.T. 0.001 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:166 Resp: 15849

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	13.7	10.8	16.2



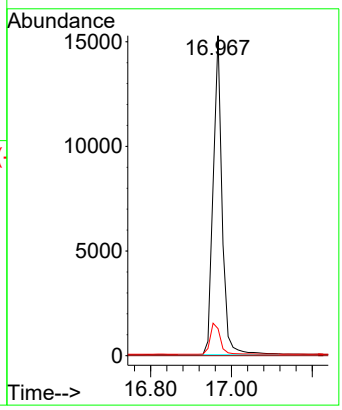


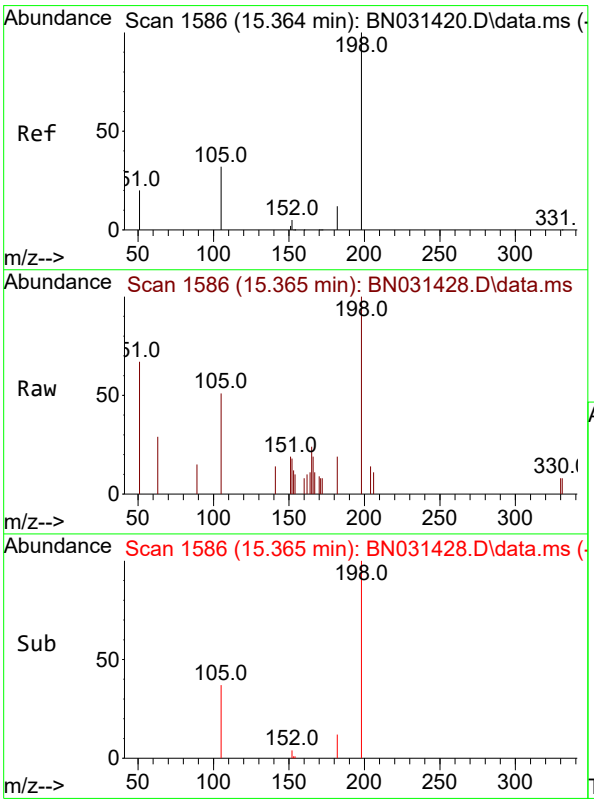
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.967 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:188 Resp: 23381

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.8	10.2

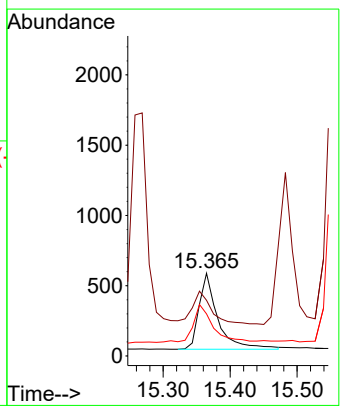


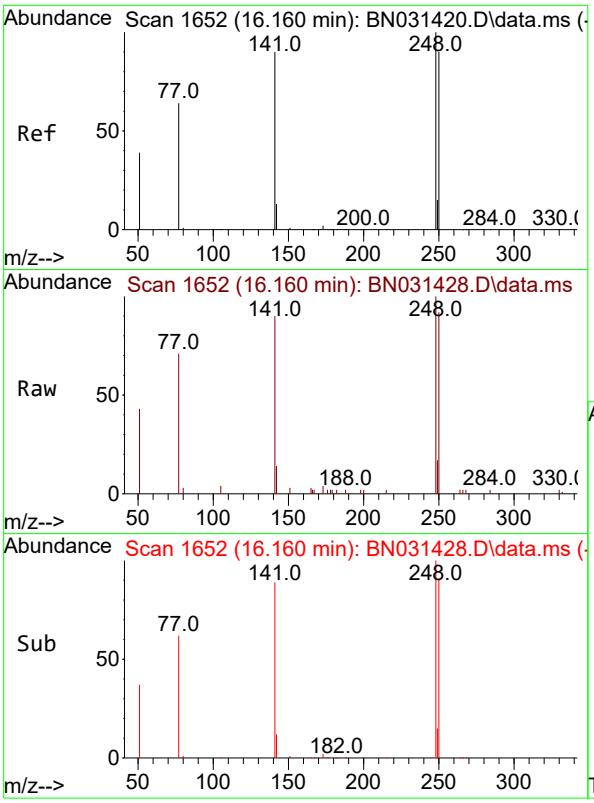


#20
4,6-Dinitro-2-methylphenol
Concen: 0.319 ng
RT: 15.365 min Scan# 1586
Delta R.T. 0.001 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:198 Resp: 1057

Ion	Ratio	Lower	Upper
198	100		
51	67.4	47.4	71.2
105	50.9	35.7	53.5



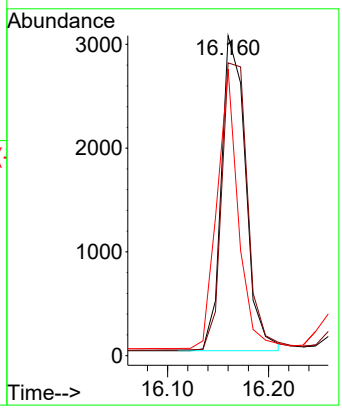


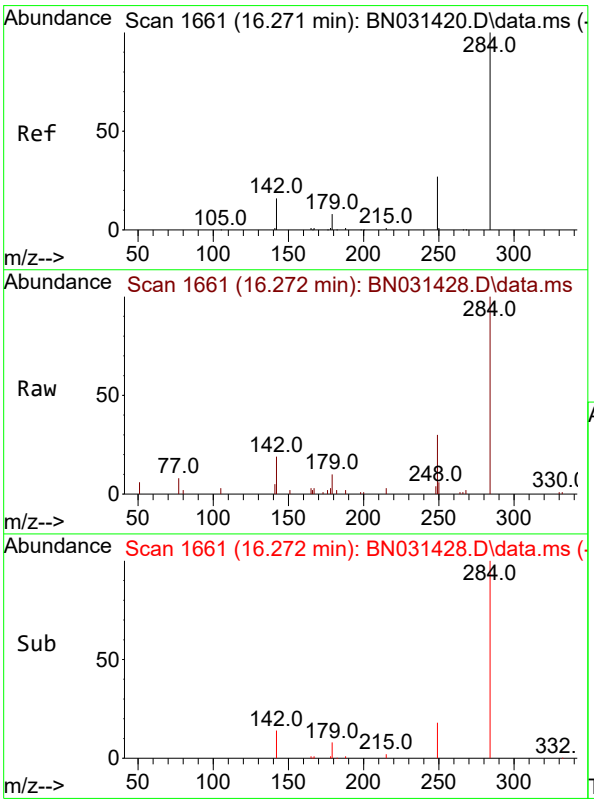
#21
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.160 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:248 Resp: 5073

Ion	Ratio	Lower	Upper
248	100		
250	91.5	72.3	108.5
141	89.6	72.9	109.3

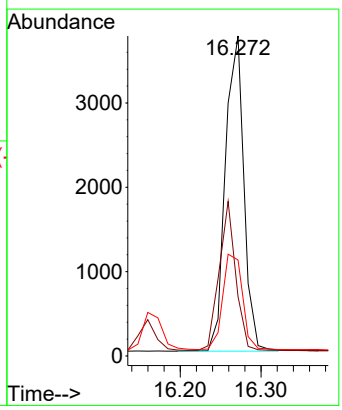


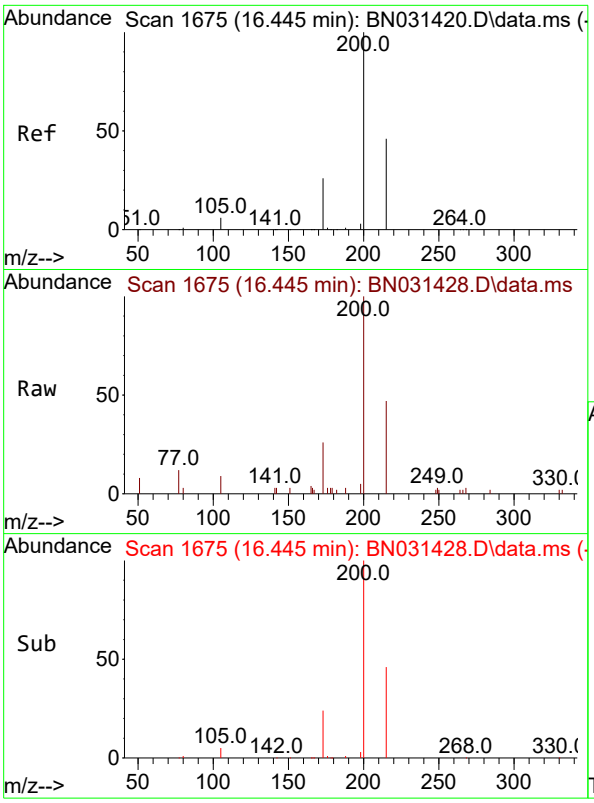


#22
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.272 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:284 Resp: 5951

Ion	Ratio	Lower	Upper
284	100		
142	42.1	33.8	50.8
249	32.2	25.8	38.8



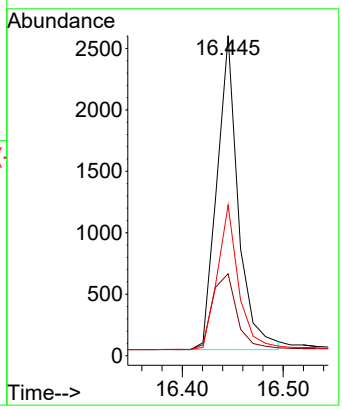


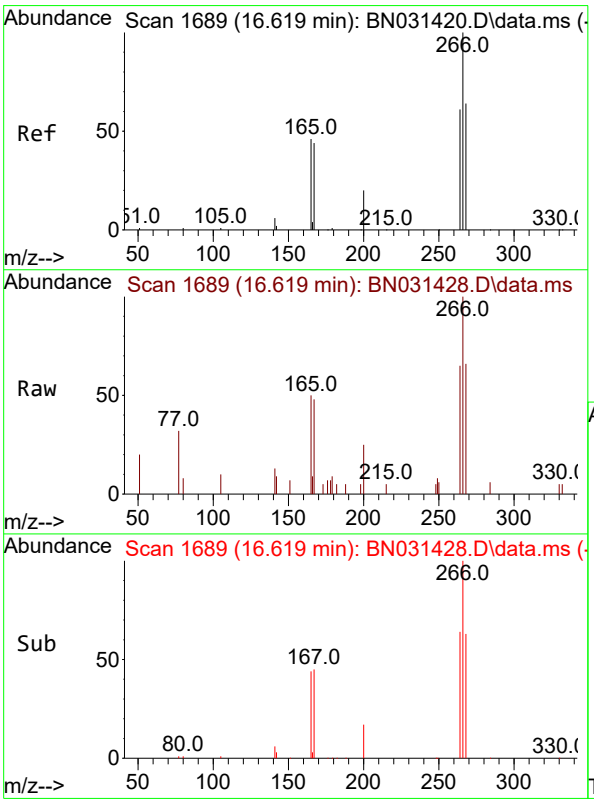
#23
Atrazine
Concen: 0.355 ng
RT: 16.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:200 Resp: 3756

Ion	Ratio	Lower	Upper
200	100		
173	25.6	21.8	32.6
215	47.0	37.5	56.3

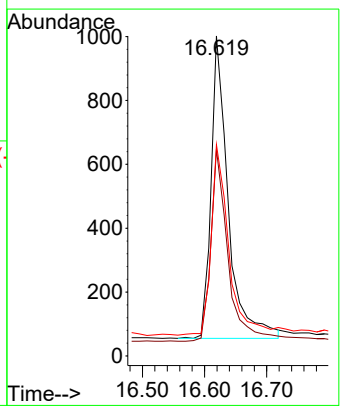


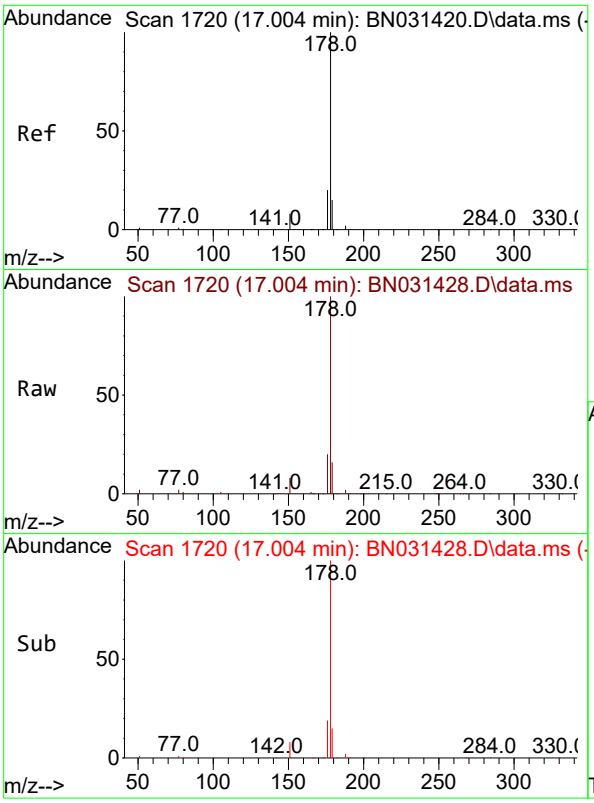


#24
Pentachlorophenol
Concen: 0.364 ng
RT: 16.619 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:266 Resp: 1816

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.0	73.4
268	64.4	51.0	76.4



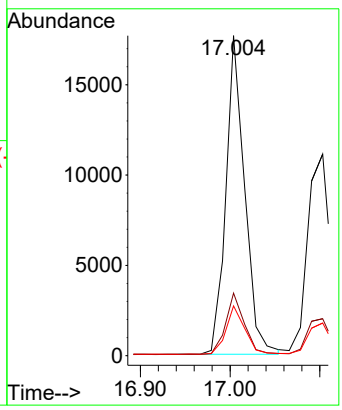


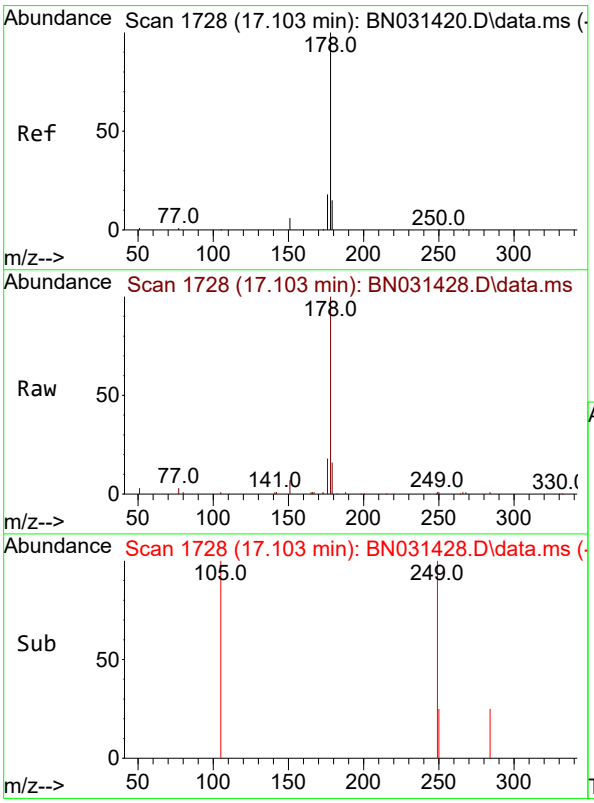
#25
Phenanthrene
Concen: 0.383 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:178 Resp: 25672

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.3	18.5

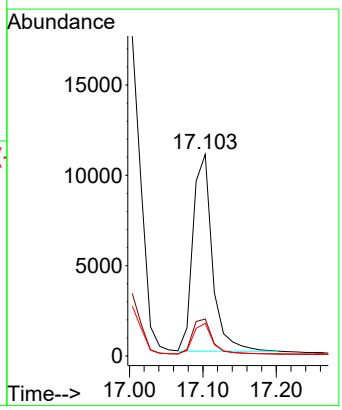


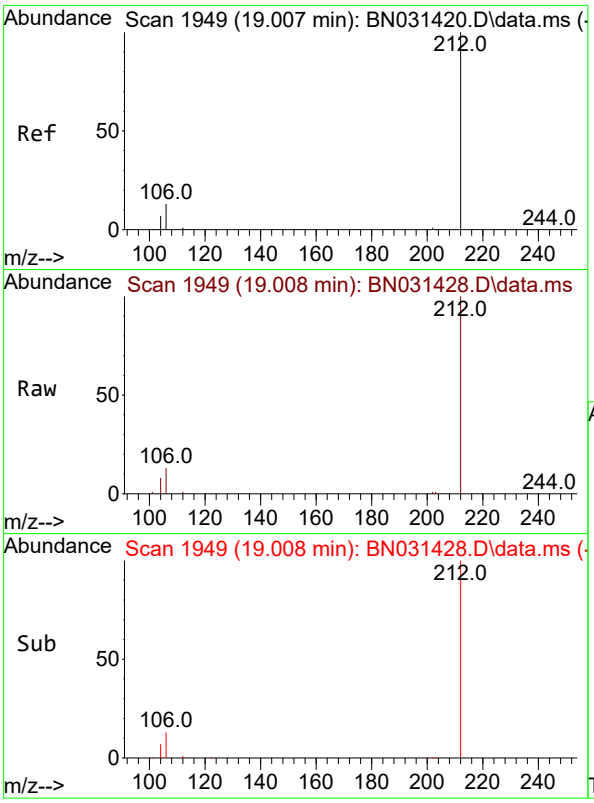


#26
Anthracene
Concen: 0.355 ng
RT: 17.103 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:178 Resp: 20005

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.1	12.1	18.1



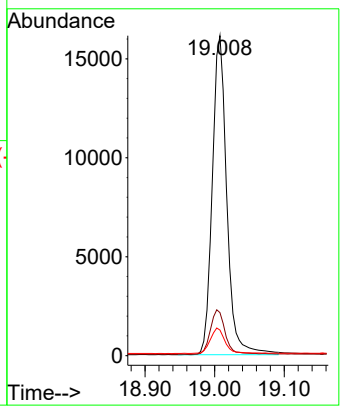


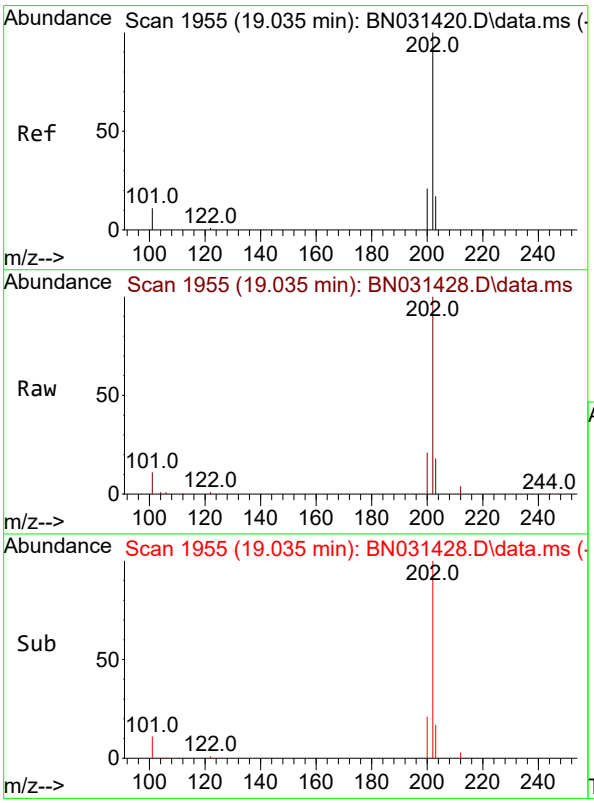
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.008 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:212 Resp: 23354

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.5	17.3
104	8.2	6.4	9.6

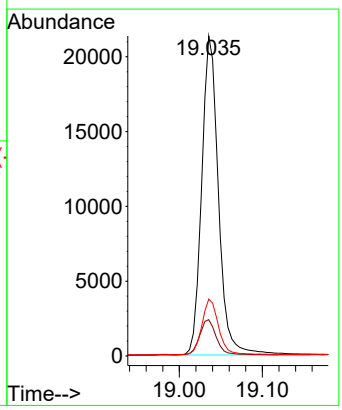


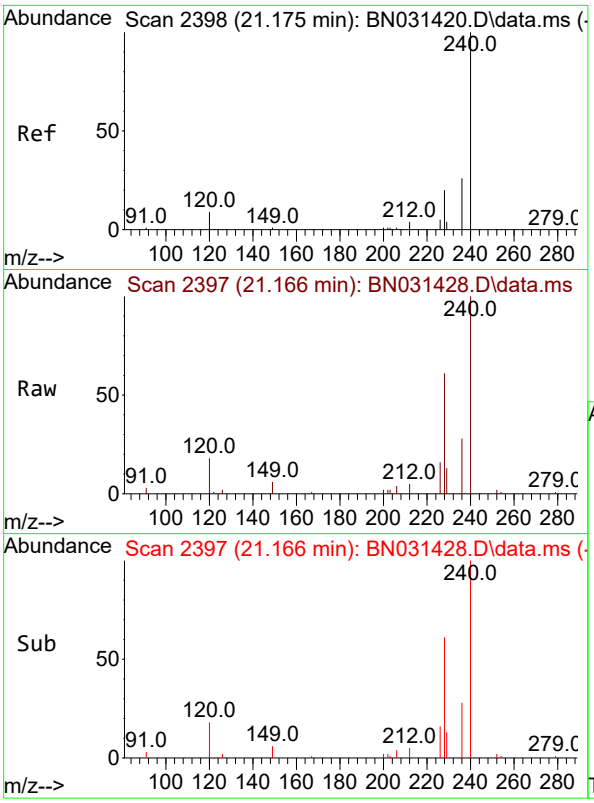


#28
Fluoranthene
Concen: 0.366 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:202 Resp: 29959

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
203	17.2	13.7	20.5



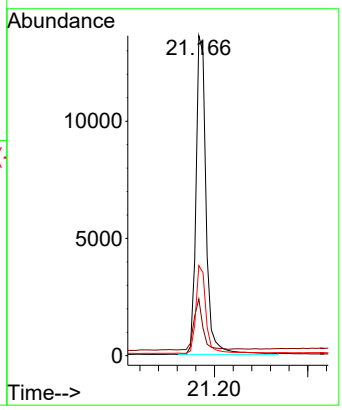


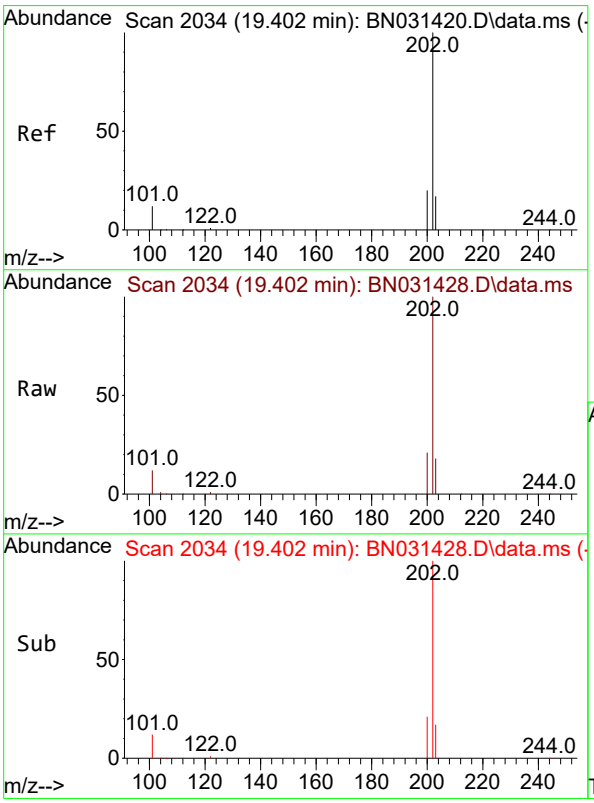
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:240 Resp: 20485

Ion	Ratio	Lower	Upper
240	100		
120	17.7	7.9	11.9#
236	28.2	21.4	32.2

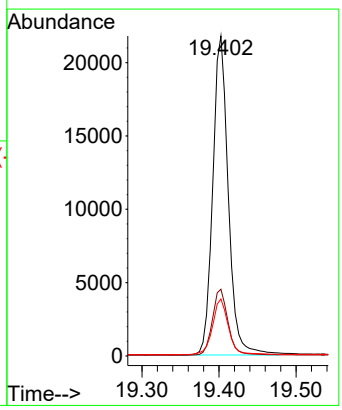


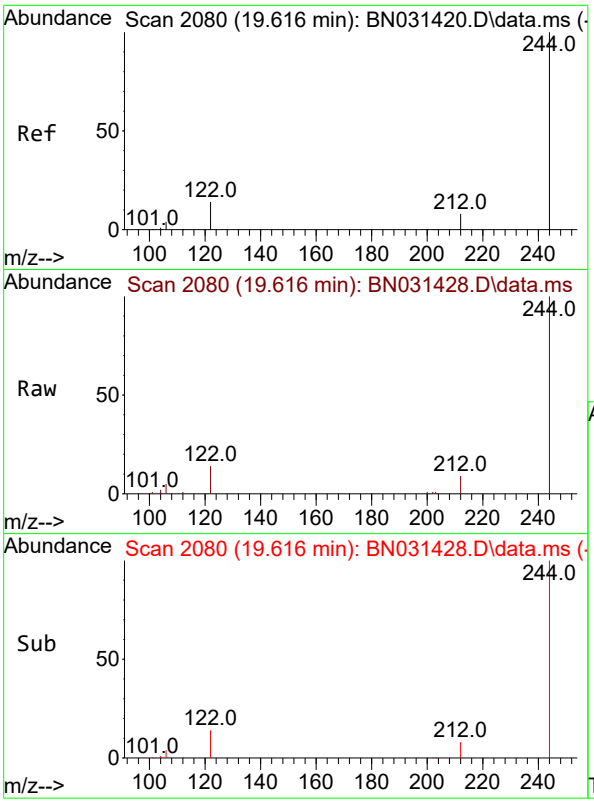


#30
Pyrene
Concen: 0.430 ng
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:202 Resp: 30456

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.0	14.3	21.5



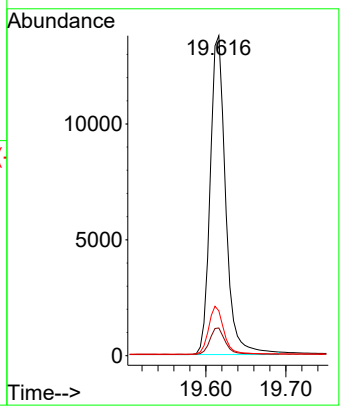


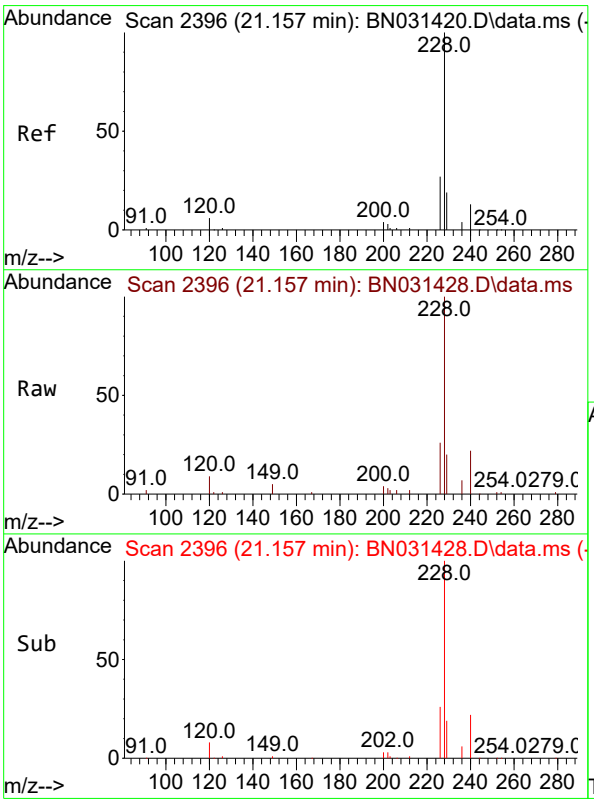
#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.616 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:244 Resp: 18525

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	14.0	11.4	17.2

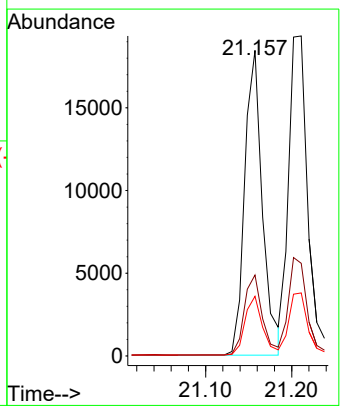


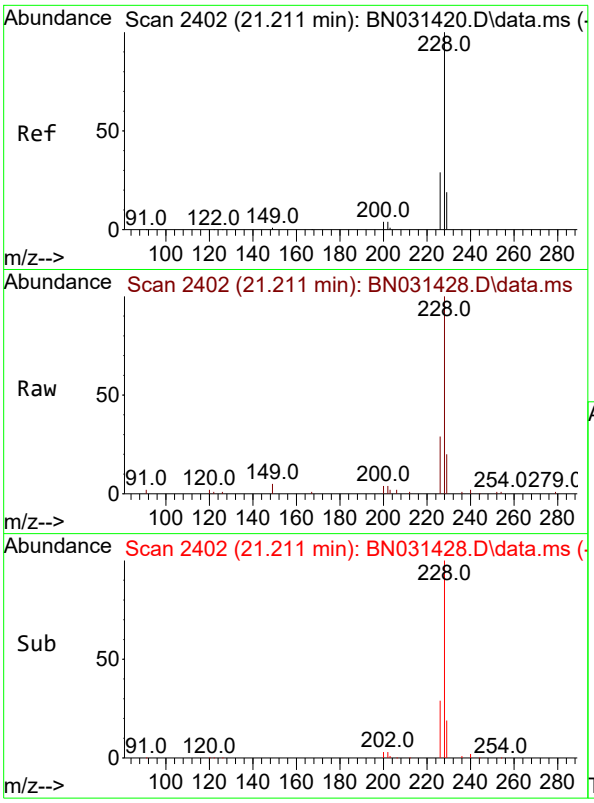


#32
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:228 Resp: 26343

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.8	32.6
229	19.6	15.6	23.4



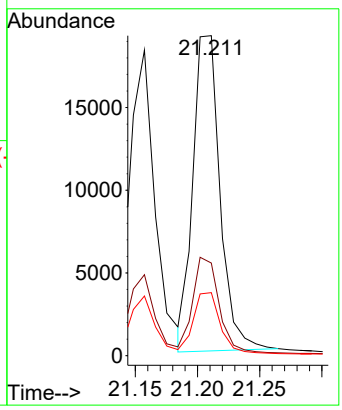


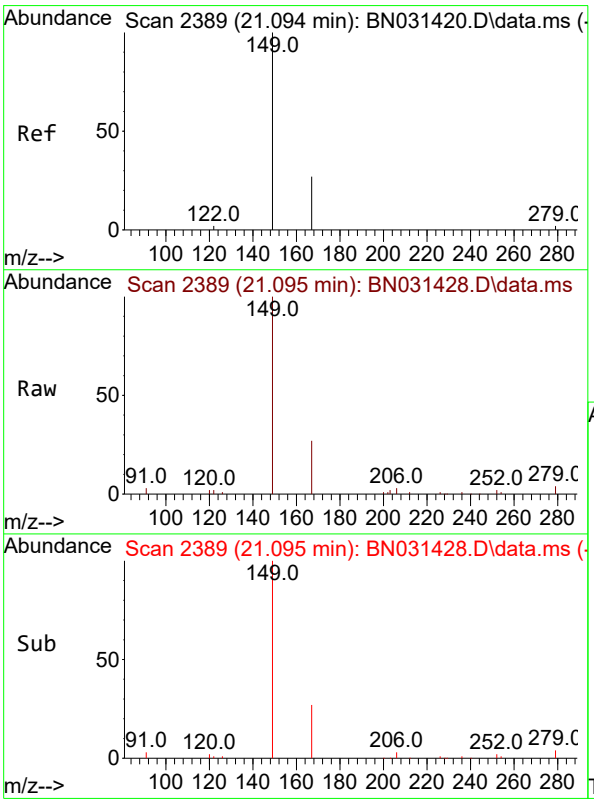
#33
Chrysene
Concen: 0.392 ng
RT: 21.211 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:228 Resp: 28917

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	19.7	15.8	23.8

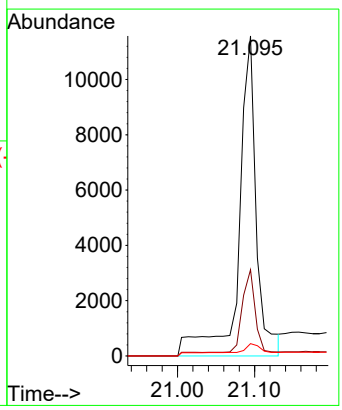


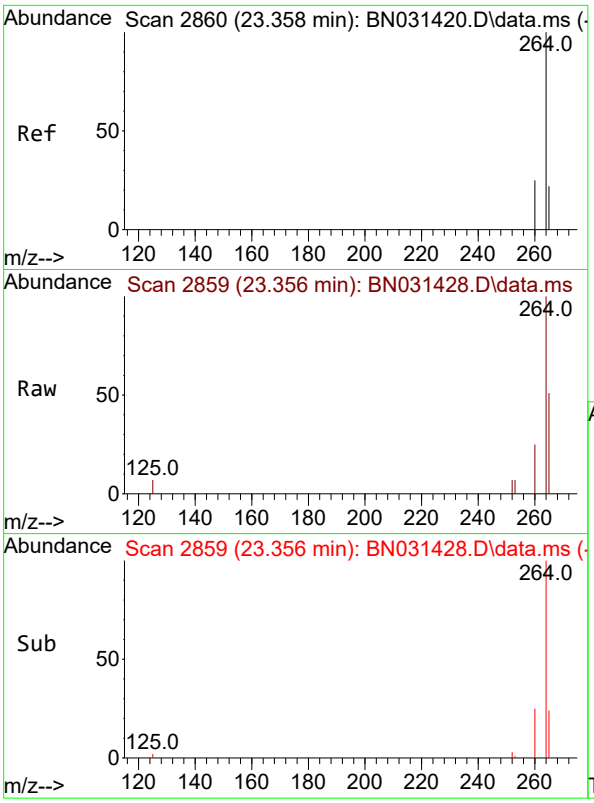


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.476 ng
RT: 21.095 min Scan# 2389
Delta R.T. 0.001 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:149 Resp: 17774

Ion	Ratio	Lower	Upper
149	100		
167	19.7	23.0	34.4#
279	7.4	3.2	4.8#



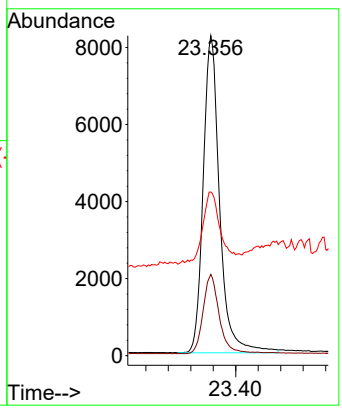


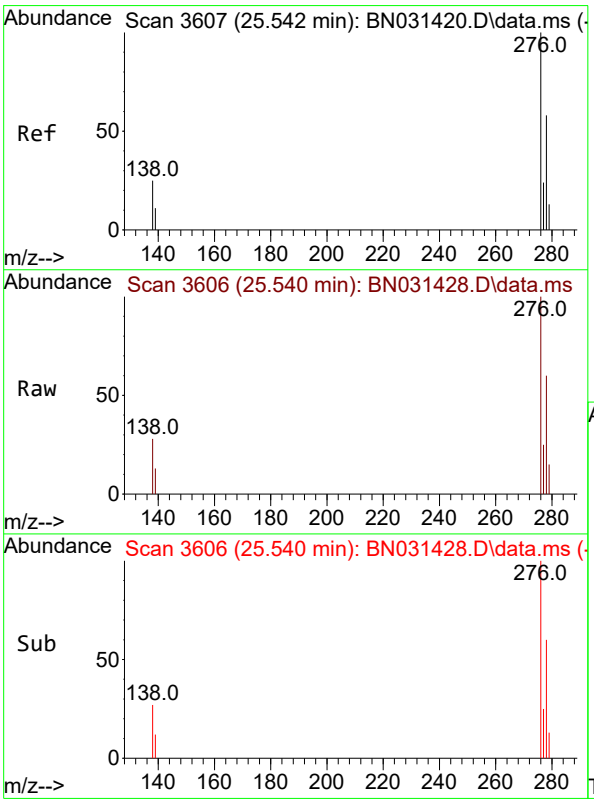
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.356 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:264 Resp: 16688

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	51.1	43.4	65.2

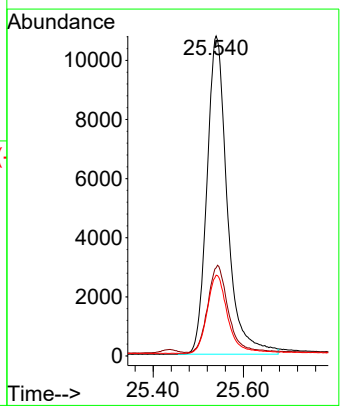


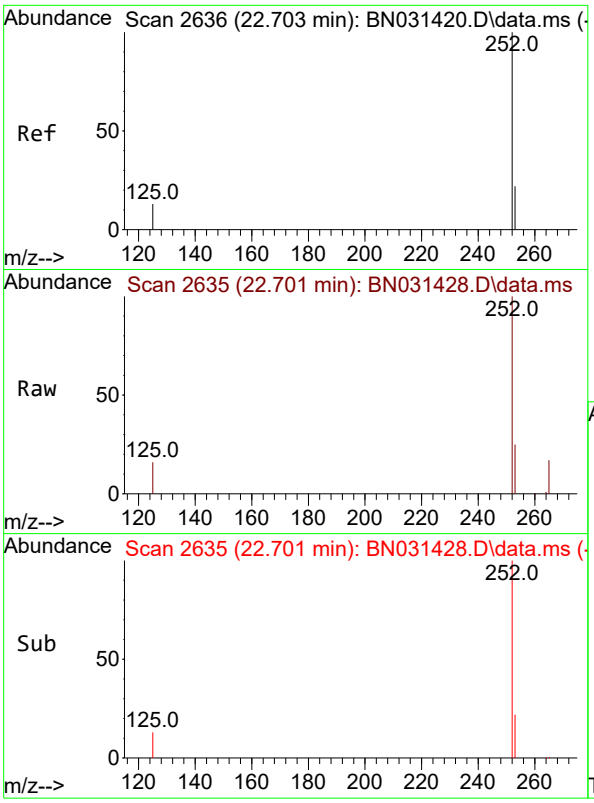


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.501 ng
RT: 25.540 min Scan# 3606
Delta R.T. -0.003 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:276 Resp: 33795

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.5	32.3
277	24.9	19.8	29.8



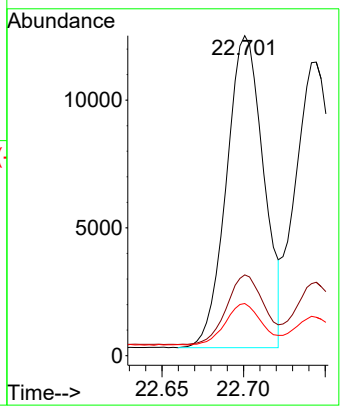


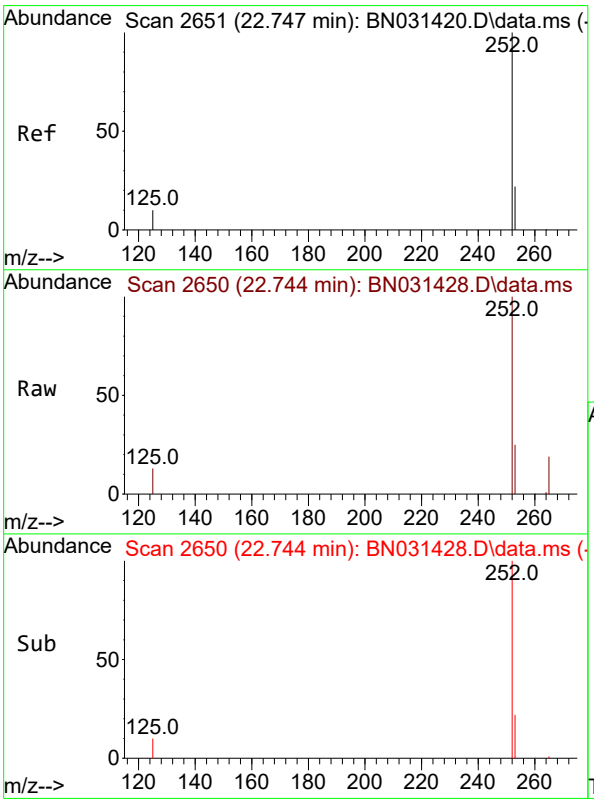
#37
Benzo(b)fluoranthene
Concen: 0.296 ng
RT: 22.701 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:252 Resp: 19380

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.5	29.3
125	16.3	12.9	19.3

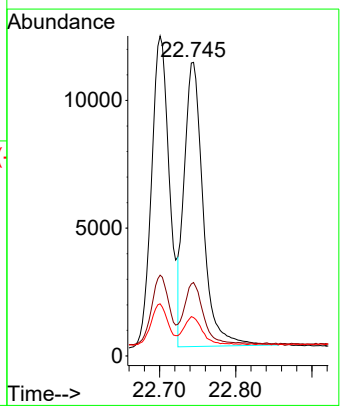


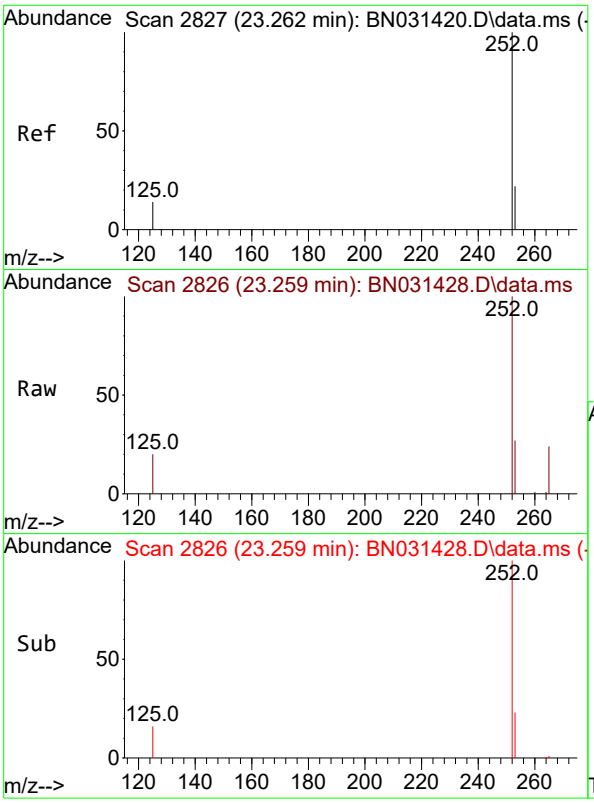


#38
Benzo(k)fluoranthene
Concen: 0.300 ng
RT: 22.744 min Scan# 2650
Delta R.T. -0.003 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:252 Resp: 19284

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.5	29.3
125	13.1	11.5	17.3



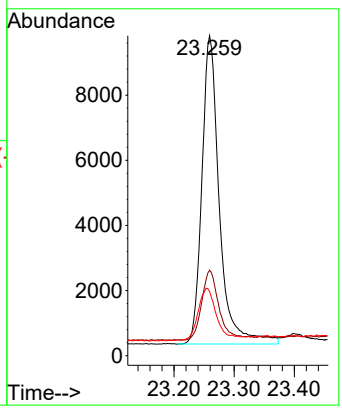


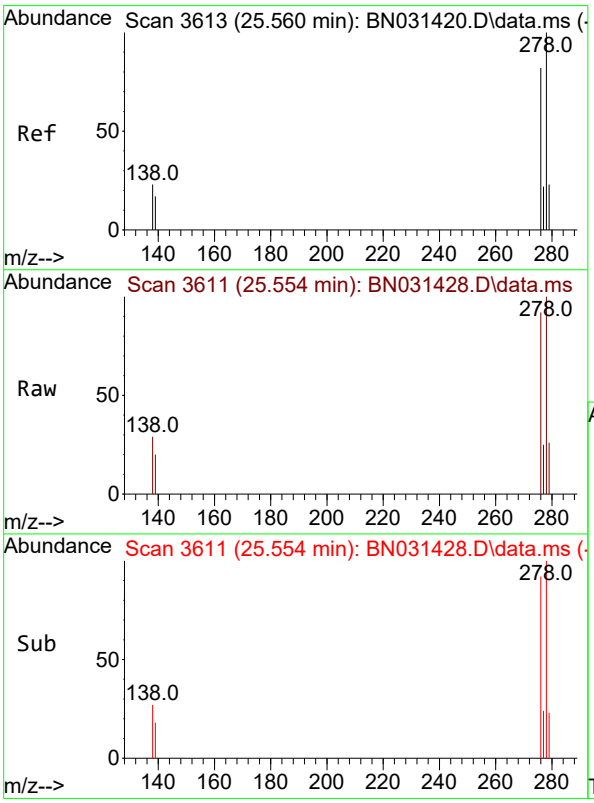
#39
Benzo(a)pyrene
Concen: 0.348 ng
RT: 23.259 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:252 Resp: 19090

Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.8	31.2
125	20.1	15.2	22.8

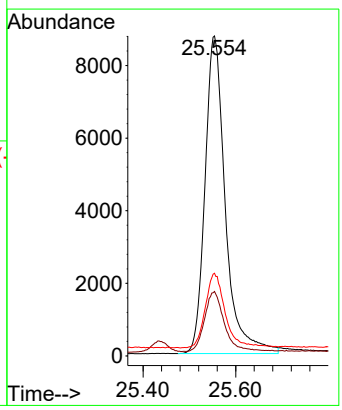


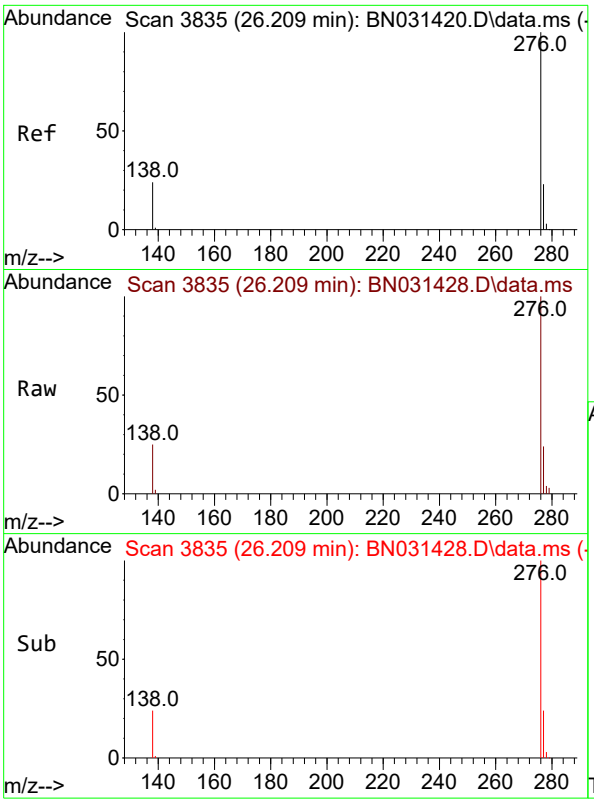


#40
Dibenzo(a,h)anthracene
Concen: 0.503 ng
RT: 25.554 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Tgt Ion:278 Resp: 26733

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.7	22.1
279	25.8	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.553 ng
RT: 26.209 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN031428.D
Acq: 07 May 2024 18:53

Instrument :
BNA_N
ClientSampleId :
PB160745BSD

Tgt Ion:276 Resp: 29814

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	25.5	19.7	29.5