Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
Data File : BN036844.D
Acq On : 04 Apr 2025 20:22
Operator : RC/JU
Sample : PB167468BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 04 22:50:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.695	152	1969	0.400	ng		0.00
7) Naphthalene-d8	10.477	136	4826	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	2640	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	5356	0.400	ng	#	0.00
29) Chrysene-d12	21.268	240	4128	0.400	ng		0.00
35) Perylene-d12	23.510	264	3662	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1952	0.425	ng		0.00
5) Phenol-d6	6.872	99	2348	0.414	ng		0.00
8) Nitrobenzene-d5	8.843	82	1839	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	12.070	152	3600	0.502	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	442	0.369	ng		0.00
15) 2-Fluorobiphenyl	12.958	172	5850	0.381	ng		0.00
27) Fluoranthene-d10	19.113	212	5446	0.397	ng		0.00
31) Terphenyl-d14	19.722	244	3607	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	832	0.381	ng	#	56
3) n-Nitrosodimethylamine	3.528	42	1952	0.442	ng	#	97
6) bis(2-Chloroethyl)ether	7.118	93	2349	0.401	ng		100
9) Naphthalene	10.519	128	5669	0.399	ng		99
10) Hexachlorobutadiene	10.818	225	1296	0.388	ng	#	99
12) 2-Methylnaphthalene	12.146	142	3592	0.398	ng		100
16) Acenaphthylene	14.045	152	5250	0.421	ng		100
17) Acenaphthene	14.398	154	3384	0.415	ng		99
18) Fluorene	15.382	166	4527	0.410	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	385	0.427	ng		93
21) 4-Bromophenyl-phenylether	16.280	248	1384	0.412	ng		91
22) Hexachlorobenzene	16.391	284	1620	0.400	ng		97
23) Atrazine	16.553	200	1189	0.442	ng		97
24) Pentachlorophenol	16.739	266	1233	0.667	ng		98
25) Phenanthrene	17.124	178	6887	0.429	ng		100
26) Anthracene	17.210	178	6358	0.439	ng		99
28) Fluoranthene	19.146	202	7791	0.432	ng		99
30) Pyrene	19.508	202	8053	0.399	ng		100
32) Benzo(a)anthracene	21.259	228	6120	0.426	ng		99
33) Chrysene	21.304	228	7002	0.446	ng		99
34) Bis(2-ethylhexyl)phtha...	21.187	149	3668	0.359	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.776	276	5948	0.450	ng		99
37) Benzo(b)fluoranthene	22.838	252	5760	0.432	ng		96
38) Benzo(k)fluoranthene	22.882	252	6336	0.453	ng		95
39) Benzo(a)pyrene	23.414	252	5295	0.472	ng	#	93
40) Dibenzo(a,h)anthracene	25.794	278	4360	0.424	ng		95
41) Benzo(g,h,i)perylene	26.460	276	4917	0.418	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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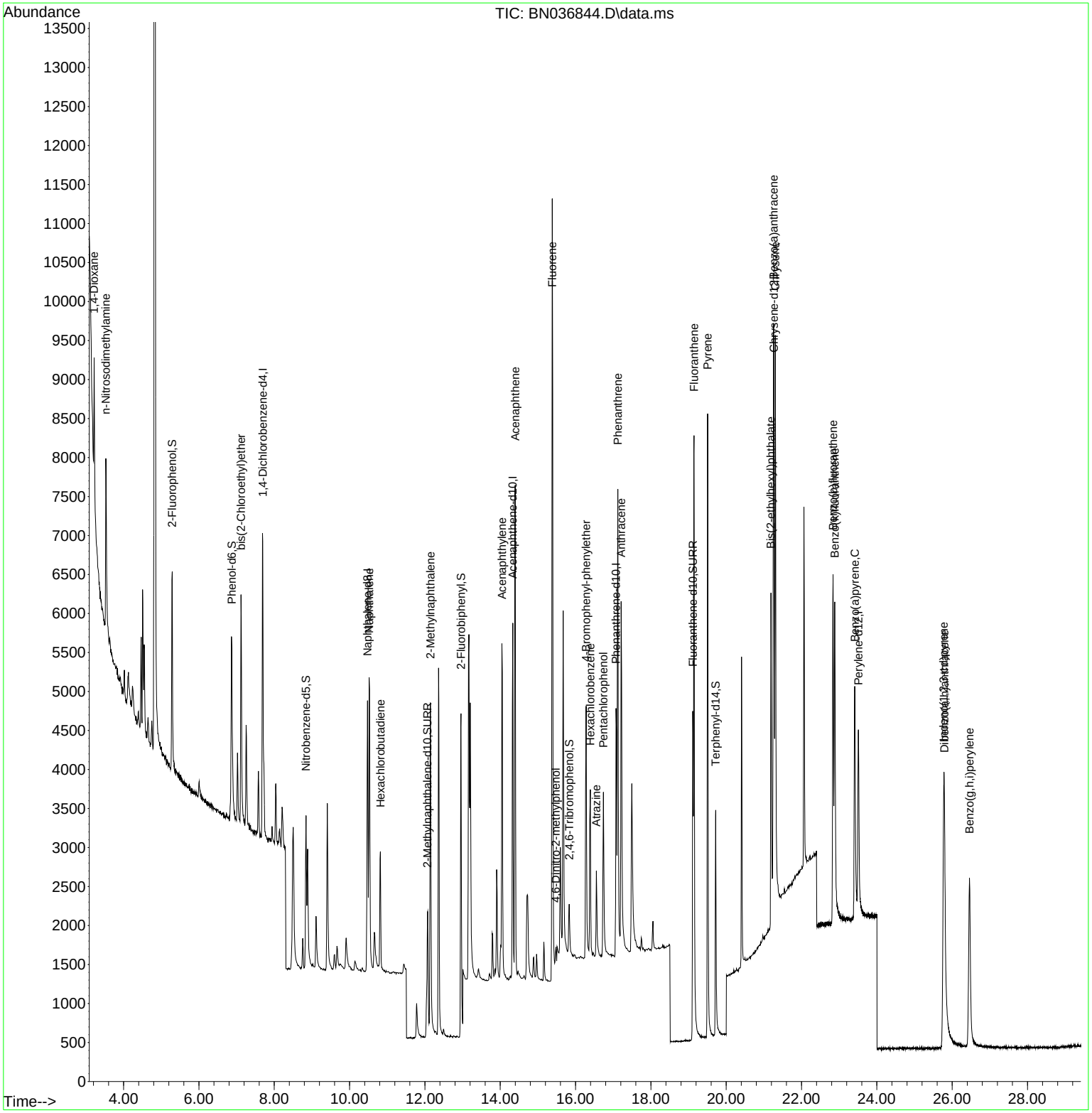
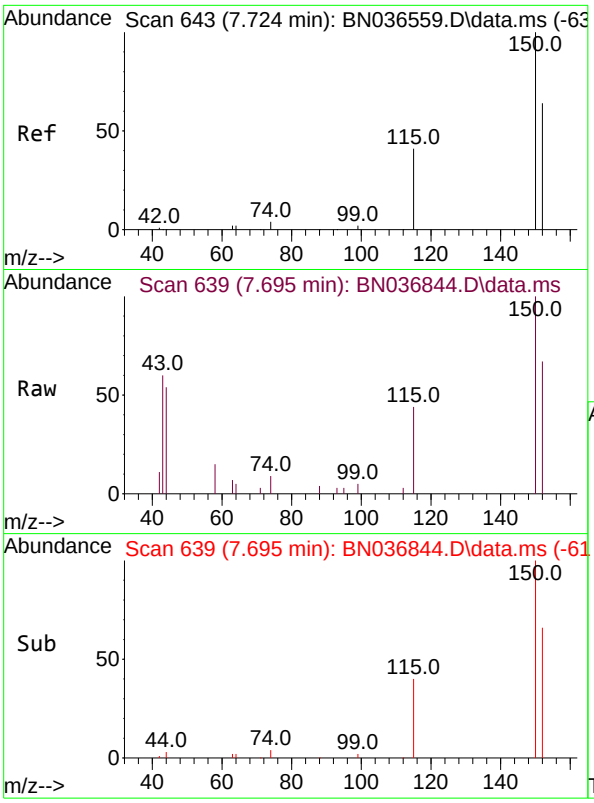
ClientSampleId :

Quant Time: Apr 04 22:50:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration



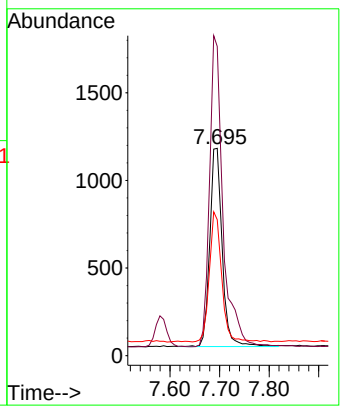


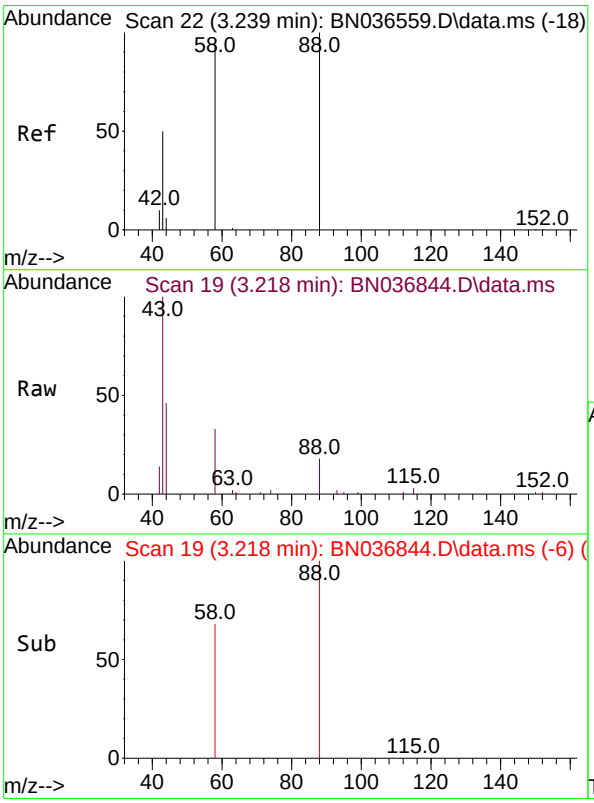
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1969

Ion	Ratio	Lower	Upper
152	100		
150	149.2	123.7	185.5
115	65.6	54.3	81.5

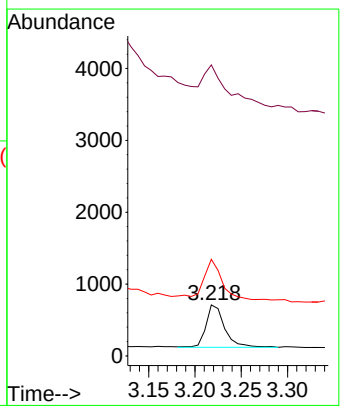


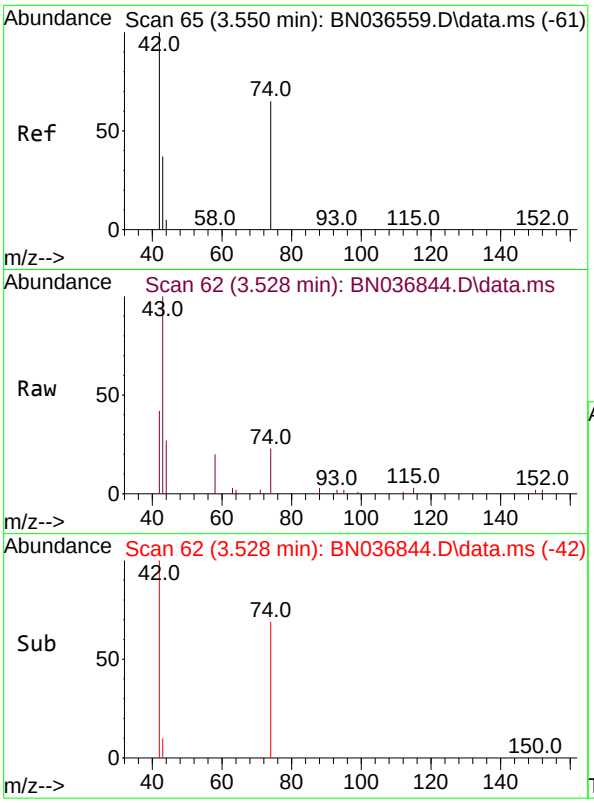


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion: 88 Resp: 832

Ion	Ratio	Lower	Upper
88	100		
43	125.2	37.8	56.8#
58	88.1	67.4	101.2



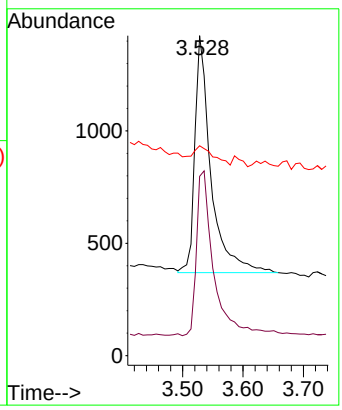


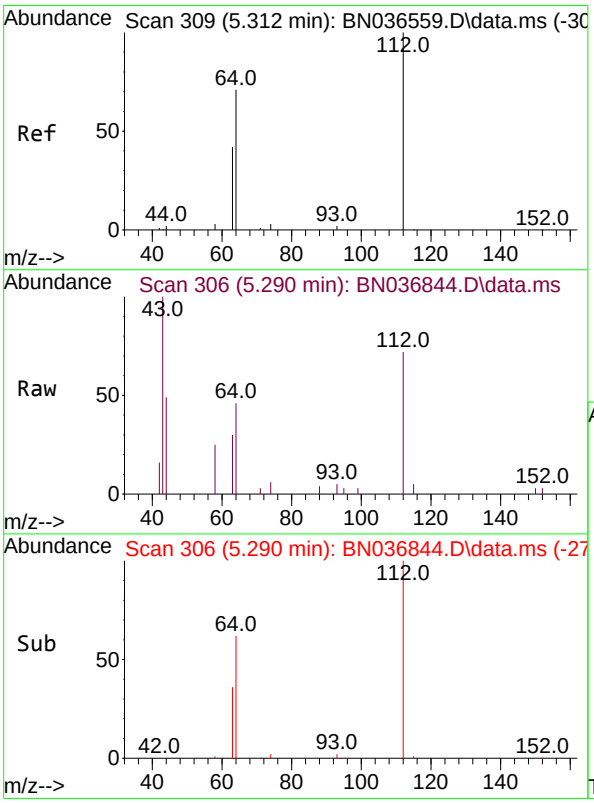
#3
n-Nitrosodimethylamine
Concen: 0.442 ng
RT: 3.528 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1952

Ion	Ratio	Lower	Upper
42	100		
74	73.6	60.6	90.8
44	9.7	6.3	9.5#

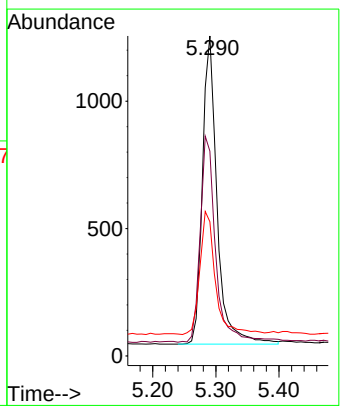


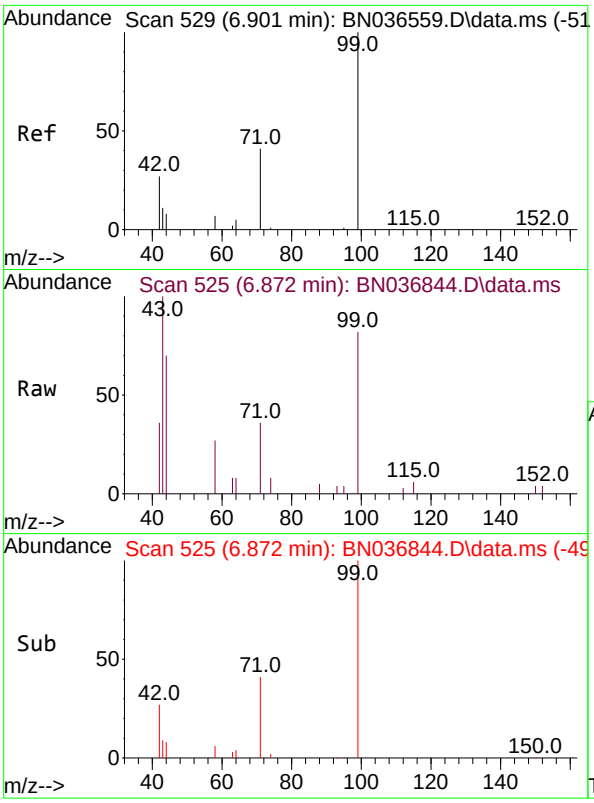


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:112 Resp: 1952

Ion	Ratio	Lower	Upper
112	100		
64	71.1	53.1	79.7
63	42.3	31.8	47.8



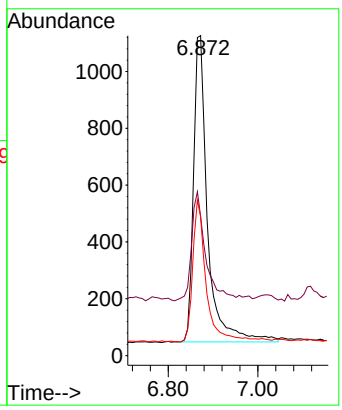


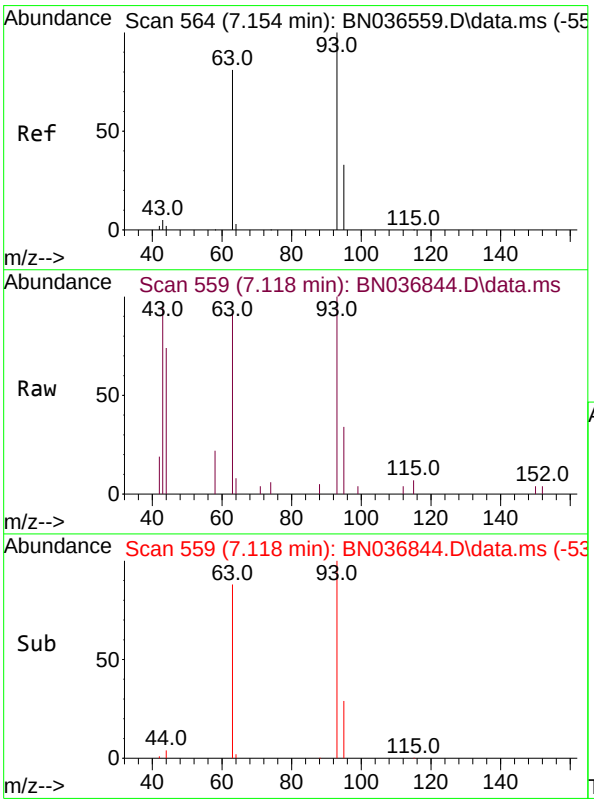
#5
Phenol-d6
Concen: 0.414 ng
RT: 6.872 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2348

Ion	Ratio	Lower	Upper
99	100		
42	35.3	26.5	39.7
71	44.4	34.1	51.1

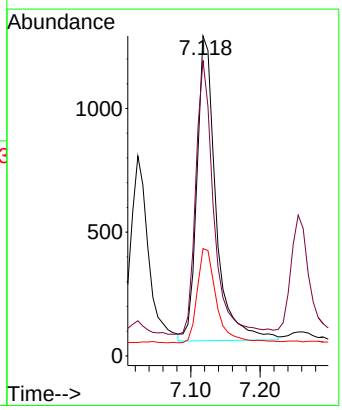


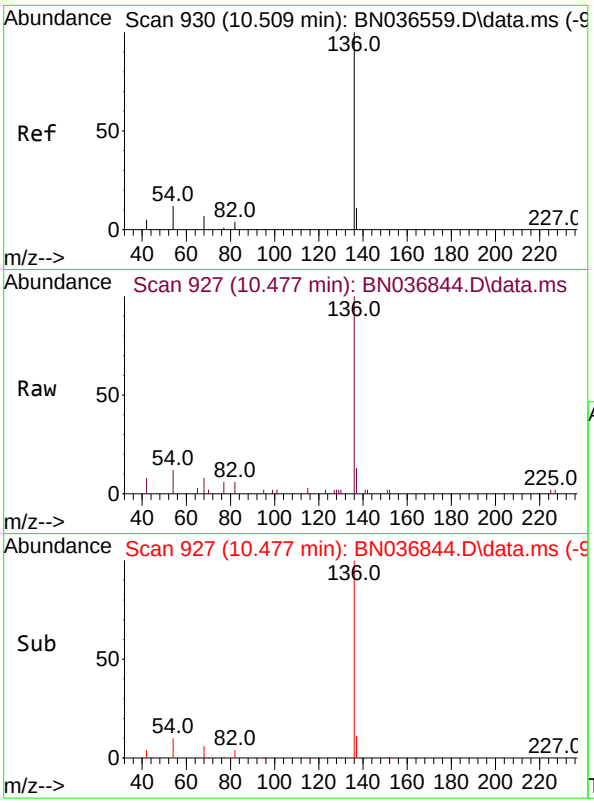


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.118 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion: 93 Resp: 2349

Ion	Ratio	Lower	Upper
93	100		
63	84.5	67.7	101.5
95	31.4	25.6	38.4



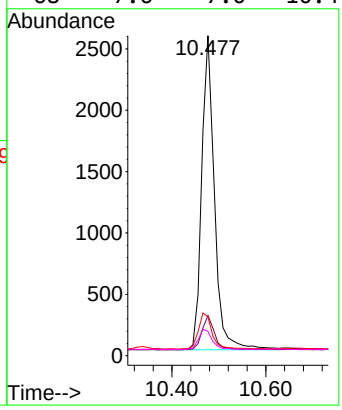


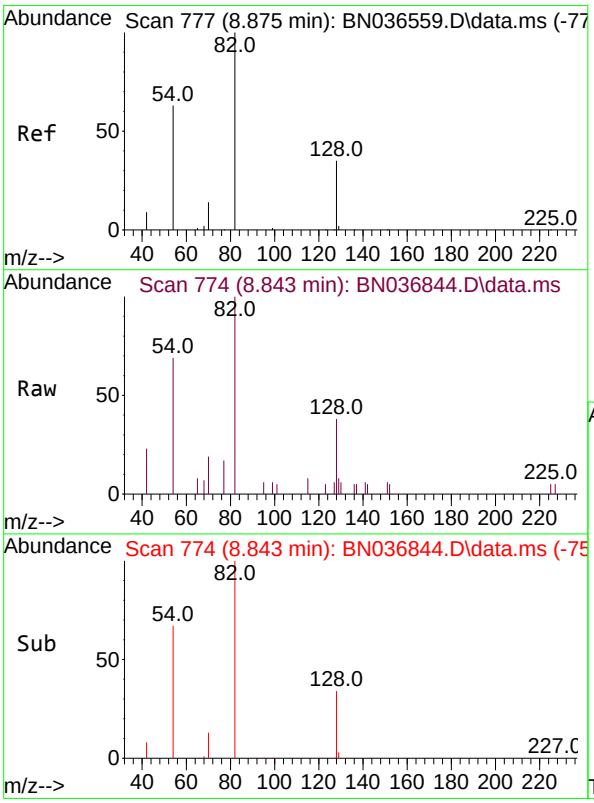
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4826

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.3	15.5
54	12.1	11.5	17.3
68	7.6	7.0	10.4

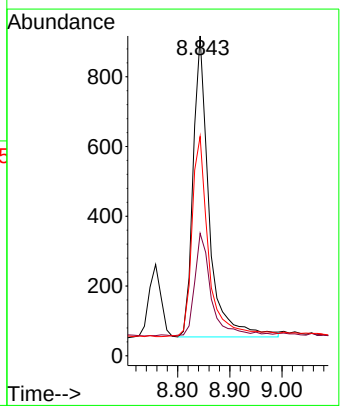


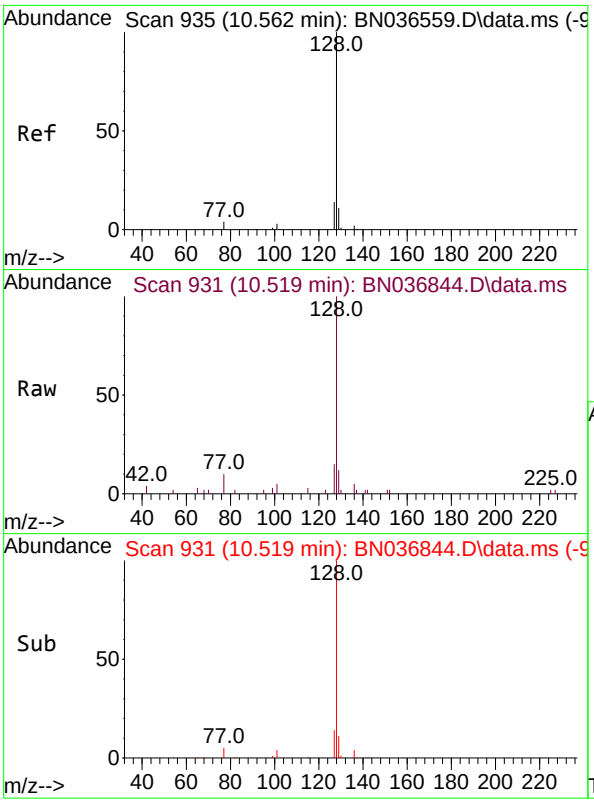


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion: 82 Resp: 1839

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.6	45.8
54	68.6	52.2	78.4



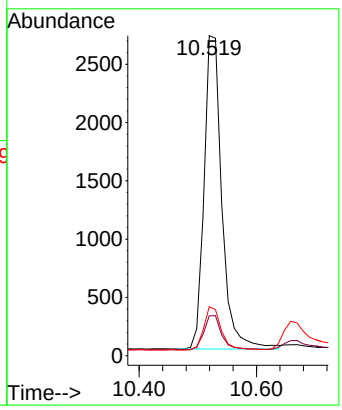


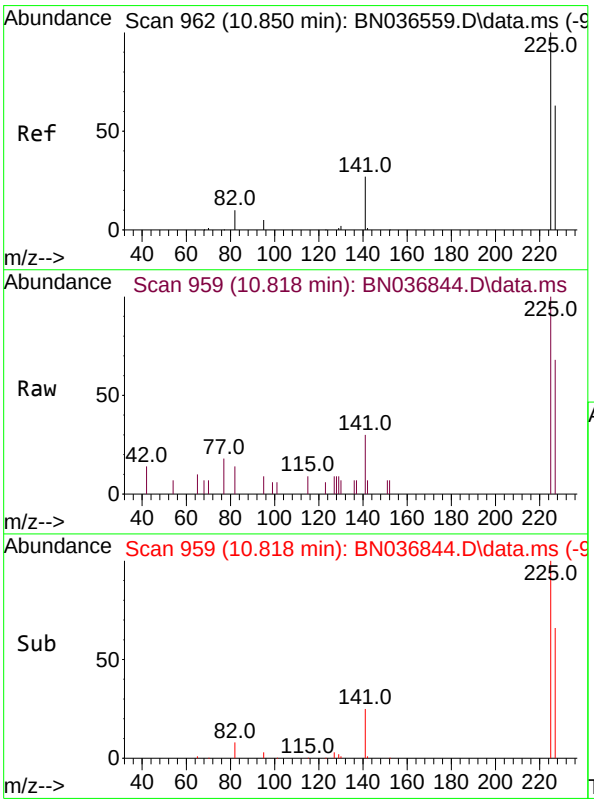
#9
Naphthalene
Concen: 0.399 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5669

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	15.3	11.8	17.8

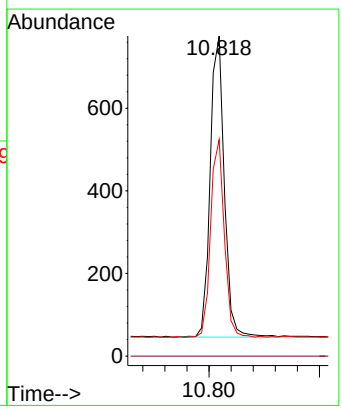


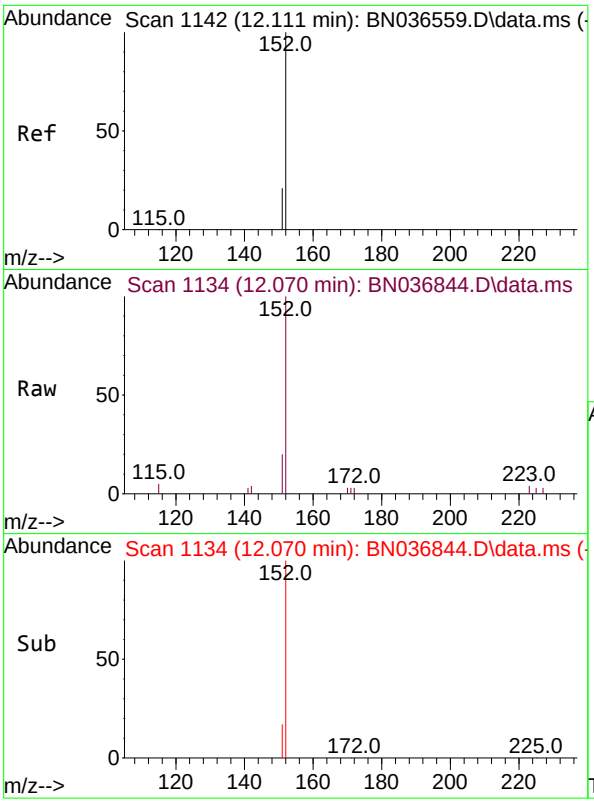


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.818 min Scan# 959
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:225 Resp: 1296

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.8	77.8



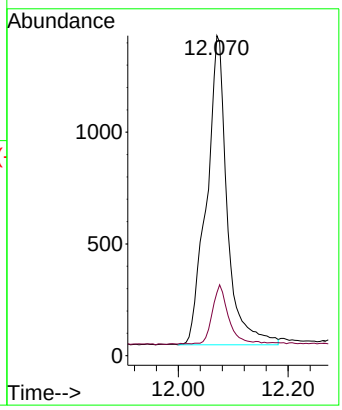


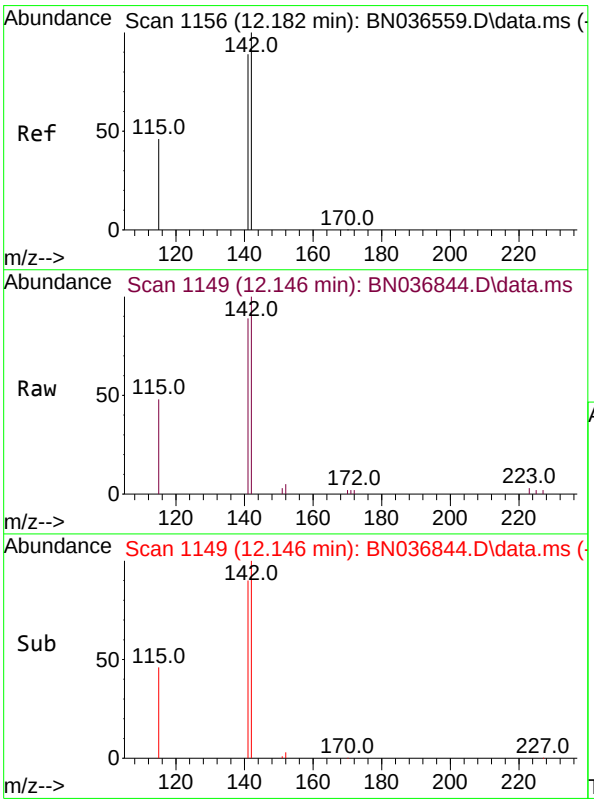
#11
2-Methylnaphthalene-d10
Concen: 0.502 ng
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3600

Ion	Ratio	Lower	Upper
152	100		
151	14.6	17.0	25.6#

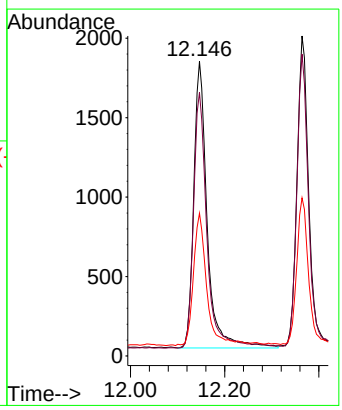


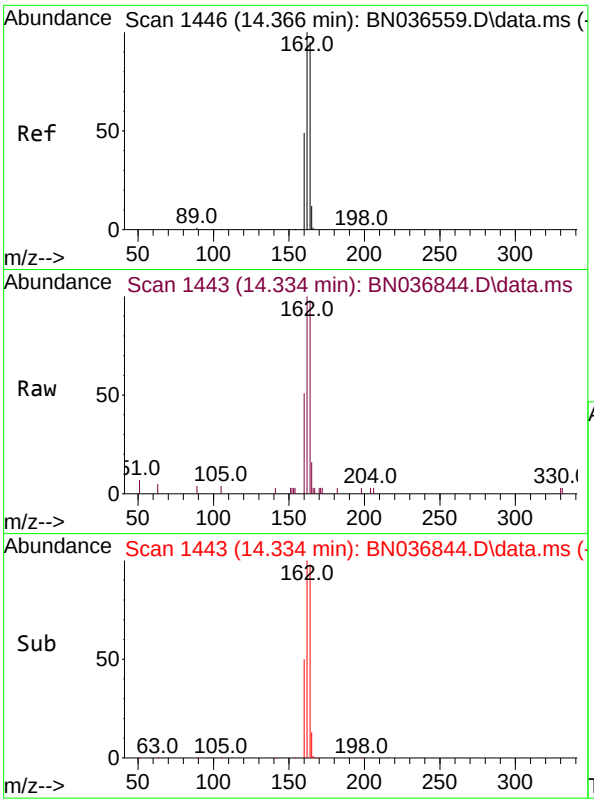


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.146 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:142 Resp: 3592

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	48.5	38.3	57.5



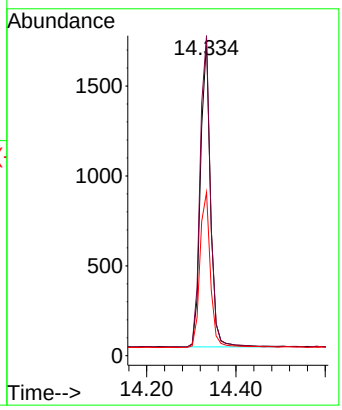


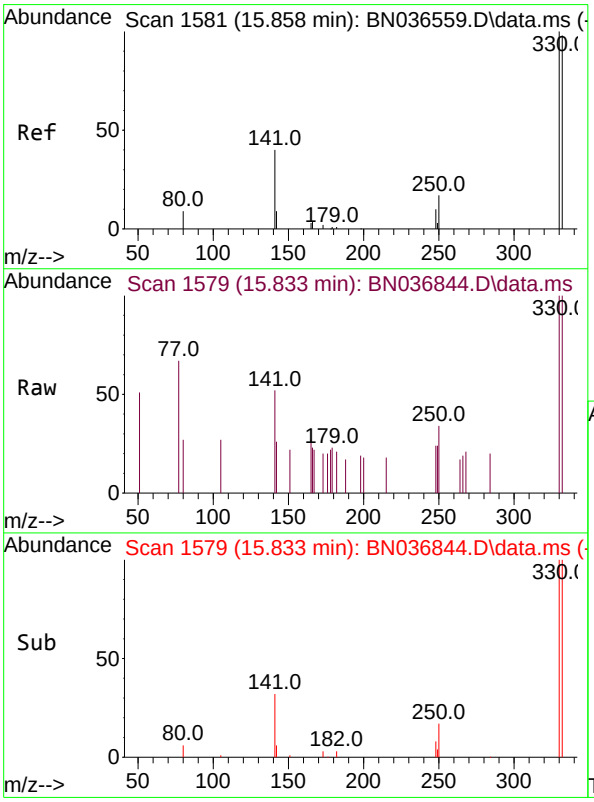
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2640

Ion	Ratio	Lower	Upper
164	100		
162	101.7	84.2	126.2
160	51.9	42.2	63.2

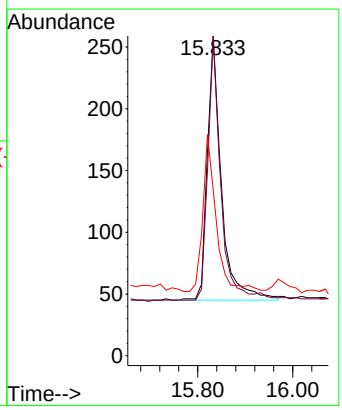


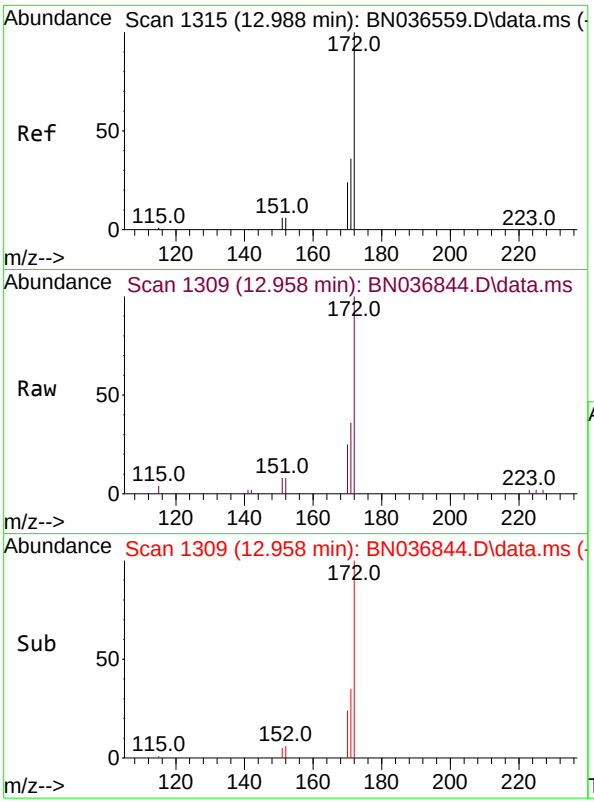


#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:330 Resp: 442

Ion	Ratio	Lower	Upper
330	100		
332	91.2	75.2	112.8
141	55.9	43.4	65.2



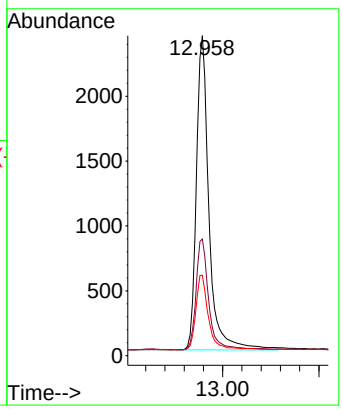


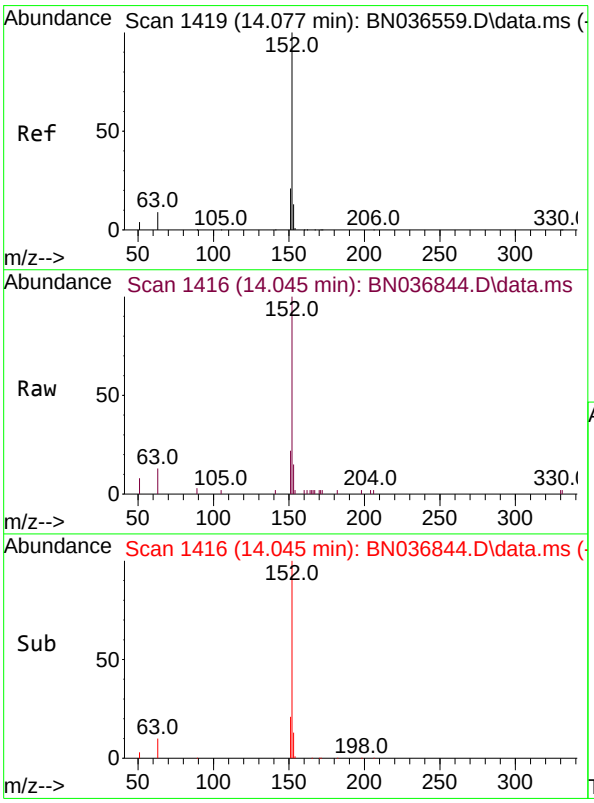
#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.958 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5850

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	25.1	20.2	30.4

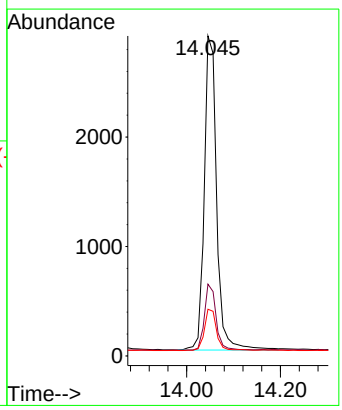


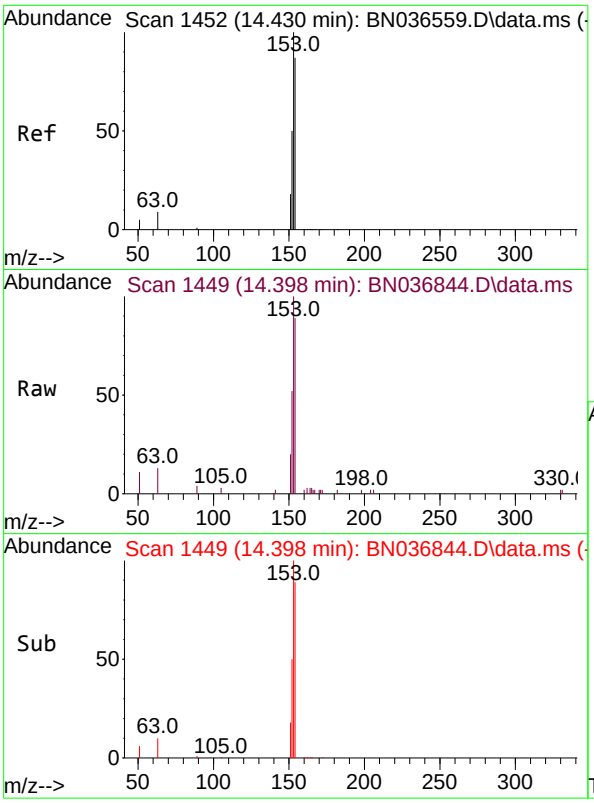


#16
Acenaphthylene
Concen: 0.421 ng
RT: 14.045 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:152 Resp: 5250

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.0	10.6	15.8



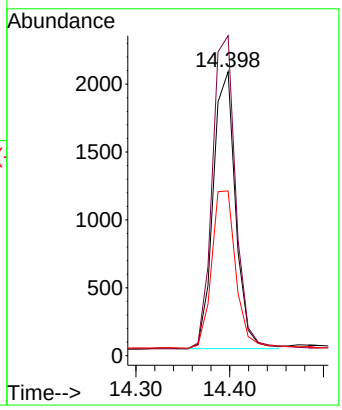


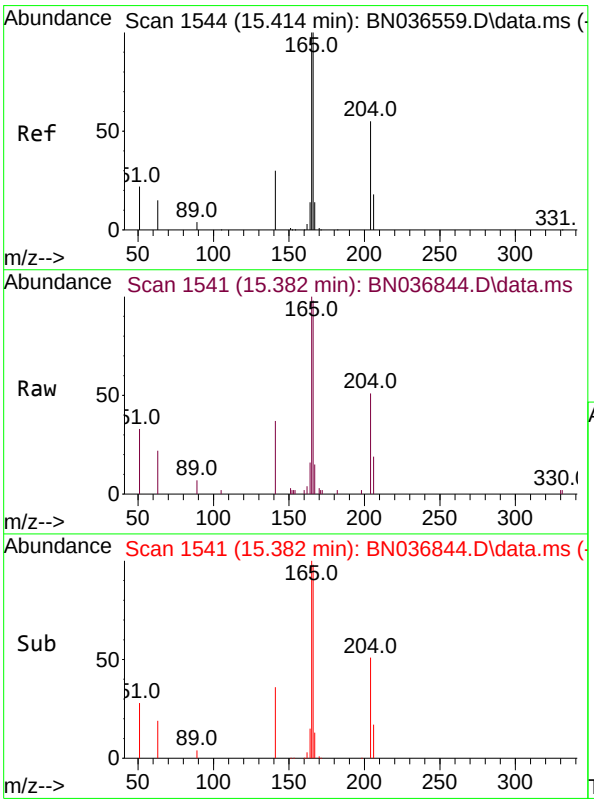
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.398 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3384

Ion	Ratio	Lower	Upper
154	100		
153	119.0	94.1	141.1
152	61.6	49.8	74.6

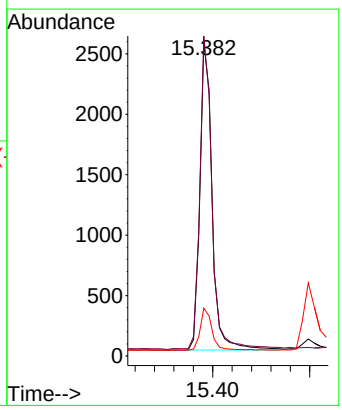


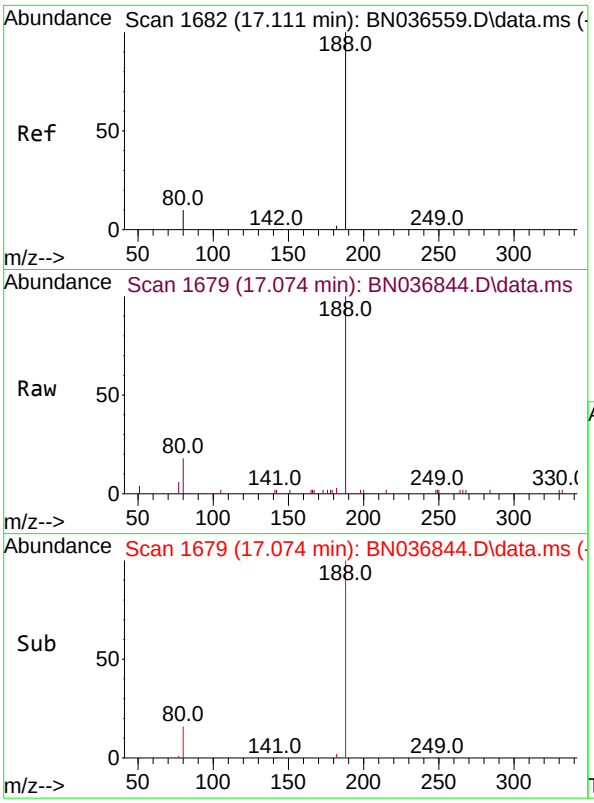


#18
Fluorene
Concen: 0.410 ng
RT: 15.382 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:166 Resp: 4527

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.1	10.6	15.8



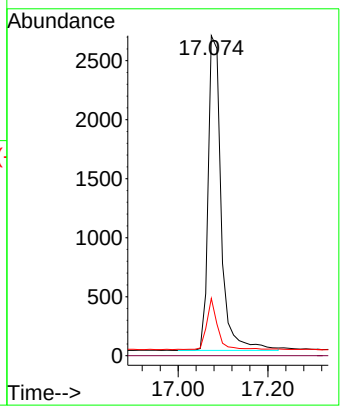


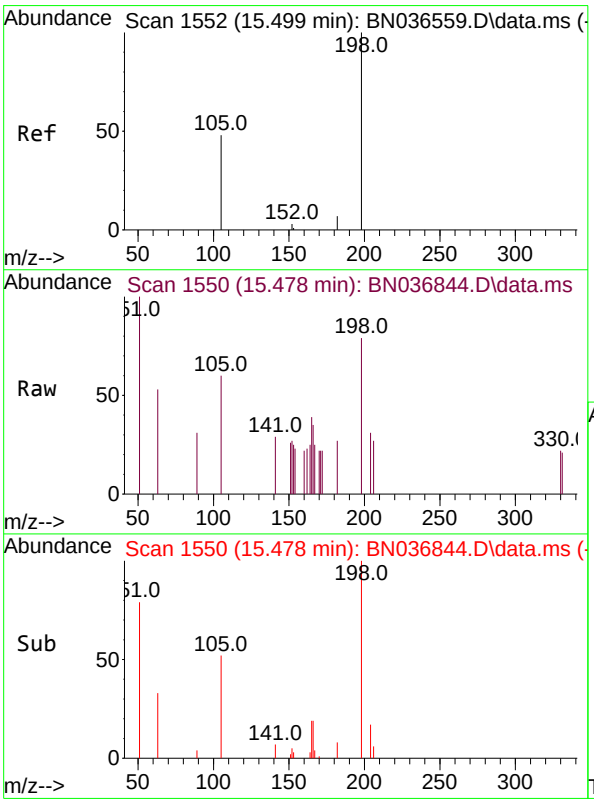
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5356

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.9	8.8	13.2#

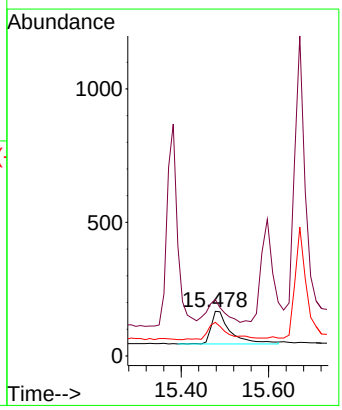


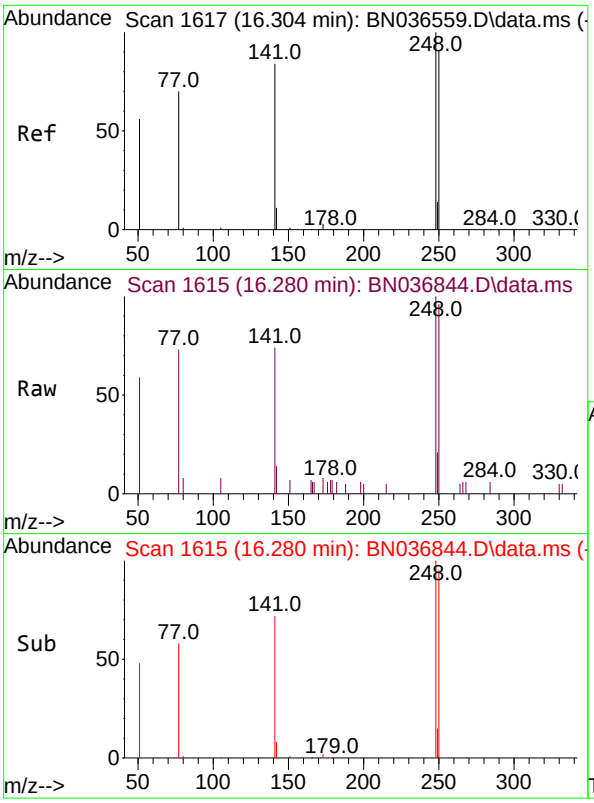


#20
4,6-Dinitro-2-methylphenol
Concen: 0.427 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:198 Resp: 385

Ion	Ratio	Lower	Upper
198	100		
51	126.3	107.9	161.9
105	75.4	56.2	84.2



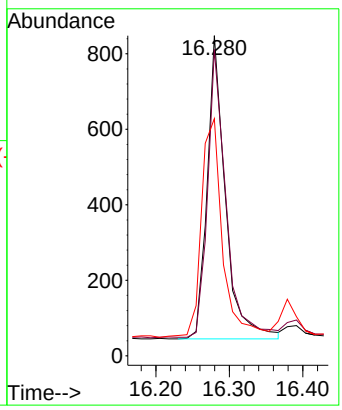


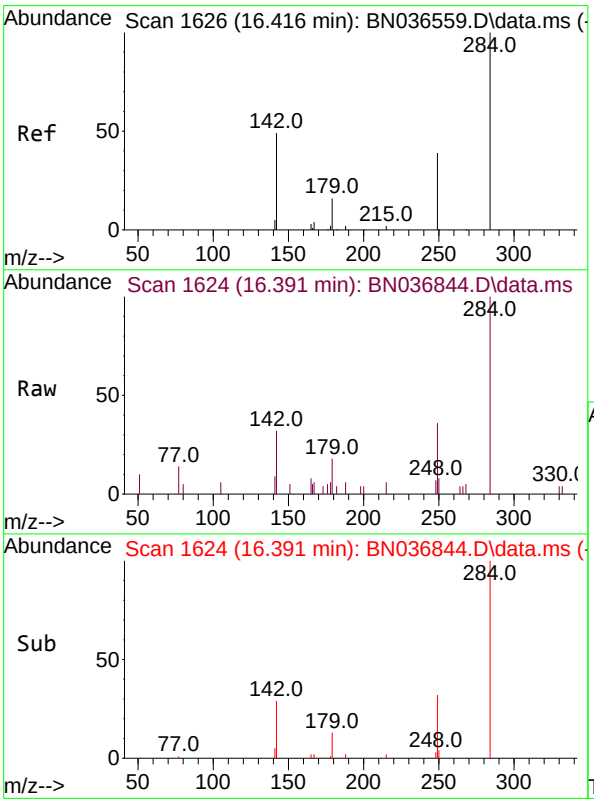
#21
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.280 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1384

Ion	Ratio	Lower	Upper
248	100		
250	95.6	73.0	109.6
141	74.1	68.6	103.0

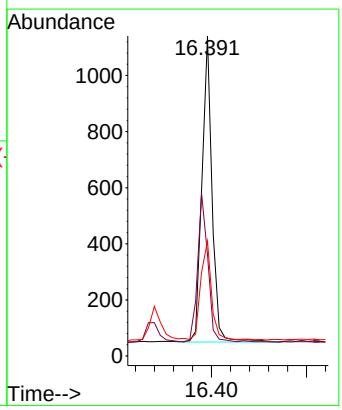


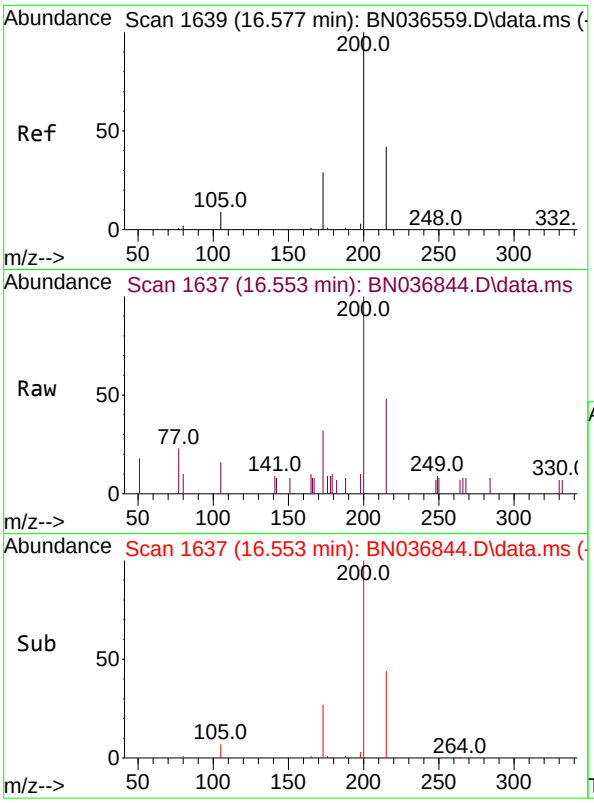


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.391 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:284 Resp: 1620

Ion	Ratio	Lower	Upper
284	100		
142	48.7	37.0	55.4
249	34.2	28.1	42.1



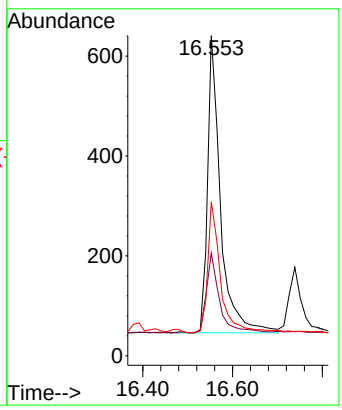


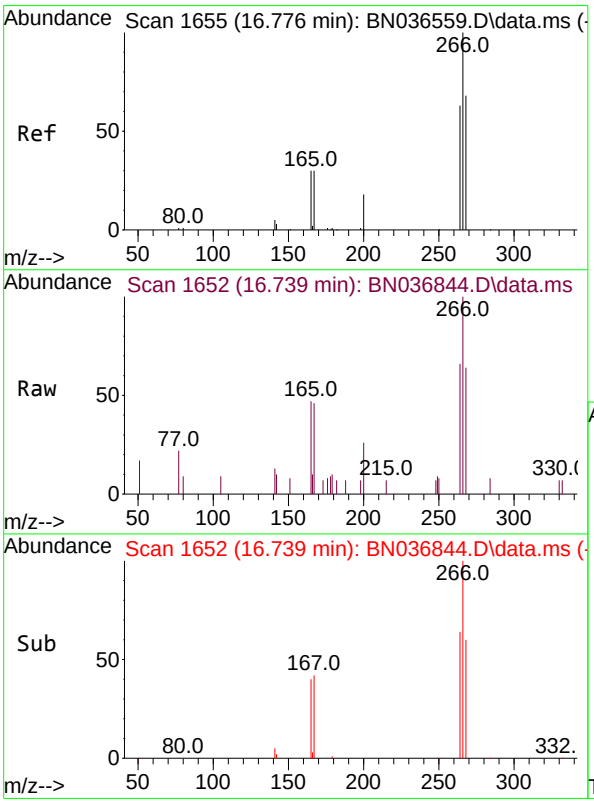
#23
Atrazine
Concen: 0.442 ng
RT: 16.553 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1189

Ion	Ratio	Lower	Upper
200	100		
173	32.1	27.3	40.9
215	48.0	36.8	55.2

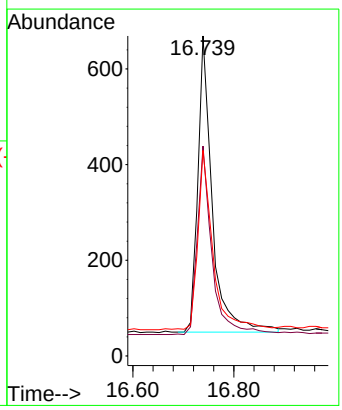


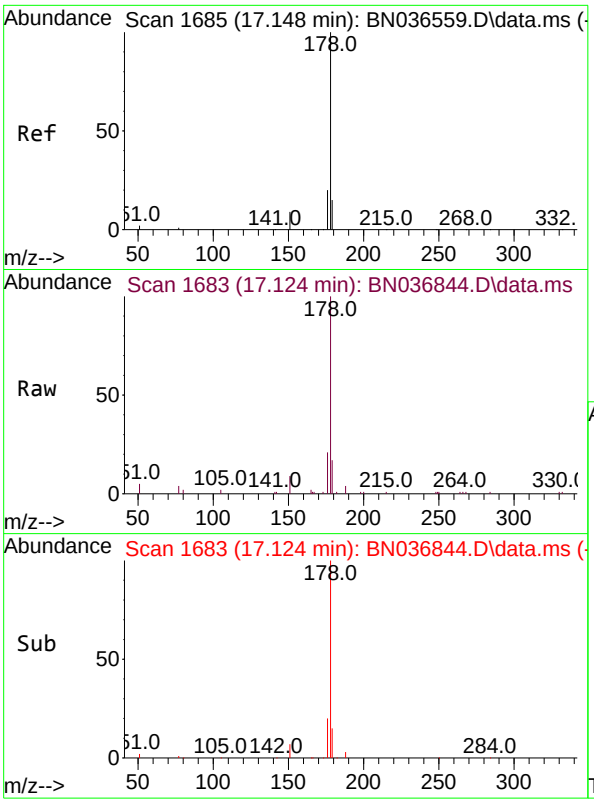


#24
Pentachlorophenol
Concen: 0.667 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:266 Resp: 1233

Ion	Ratio	Lower	Upper
266	100		
264	64.5	49.6	74.4
268	63.0	50.9	76.3



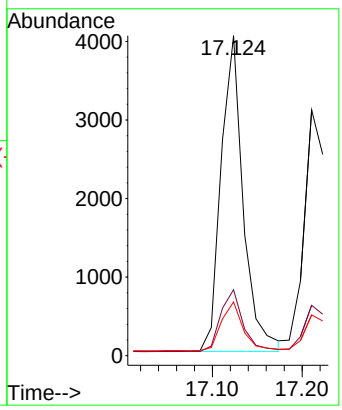


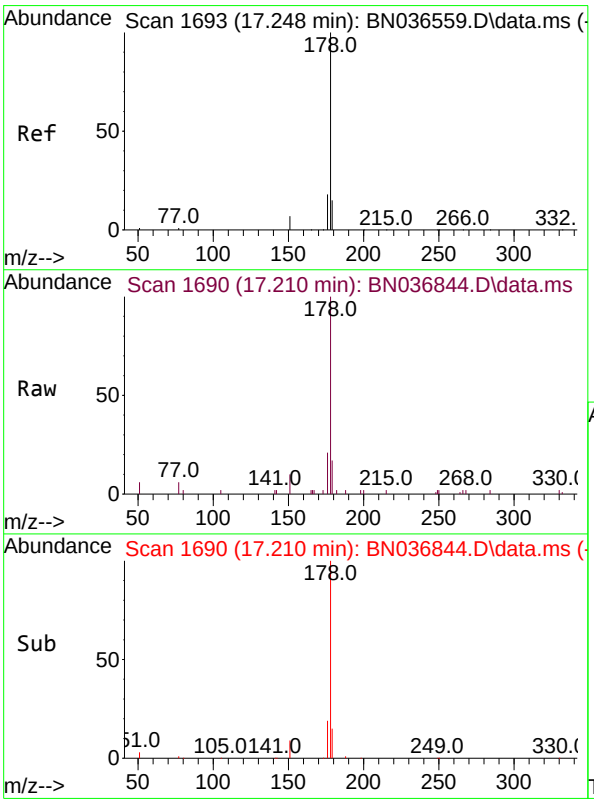
#25
Phenanthrene
Concen: 0.429 ng
RT: 17.124 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6887

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.6	12.2	18.4

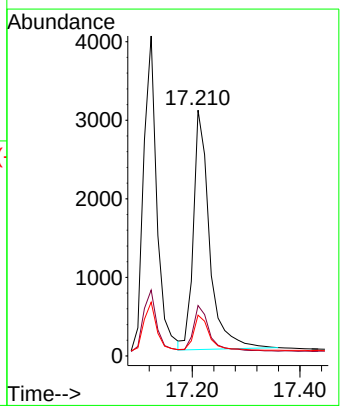


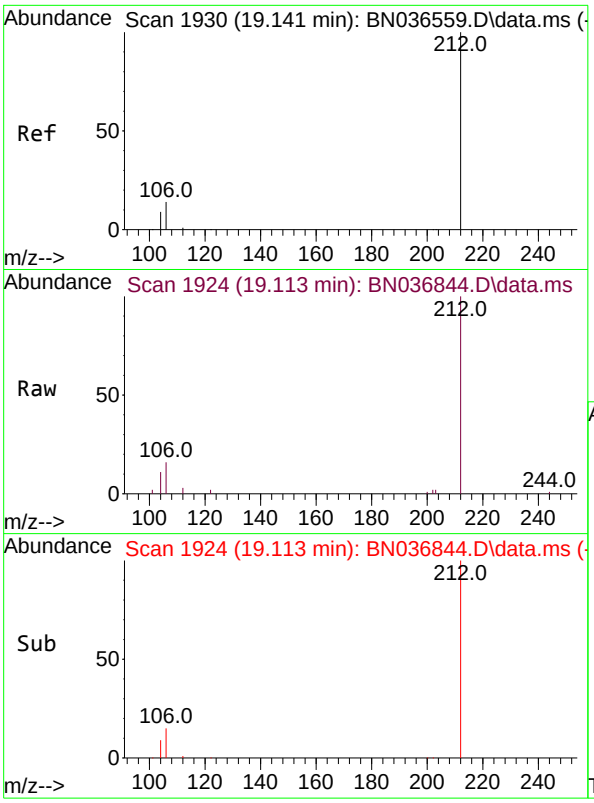


#26
Anthracene
Concen: 0.439 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:178 Resp: 6358

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.8	12.6	18.8



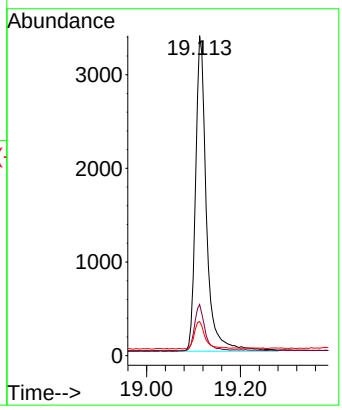


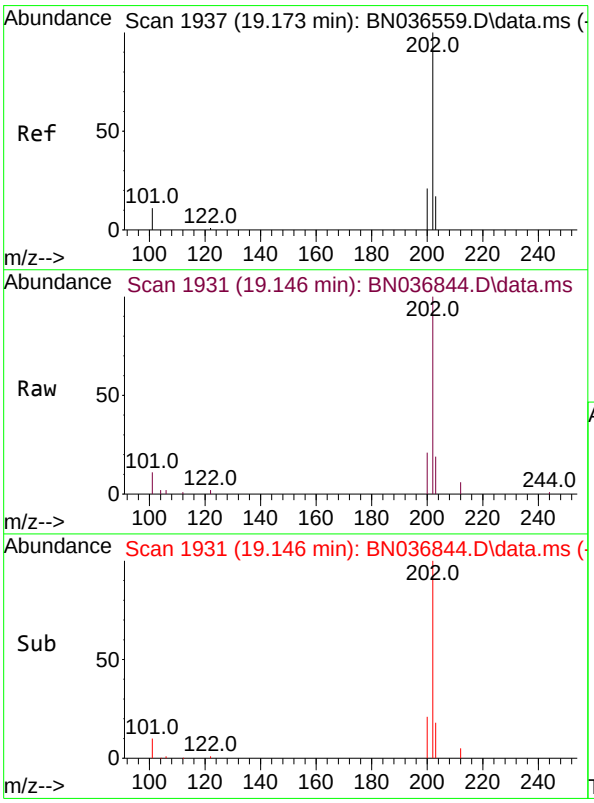
#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5446

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.8	17.6
104	8.7	7.3	10.9

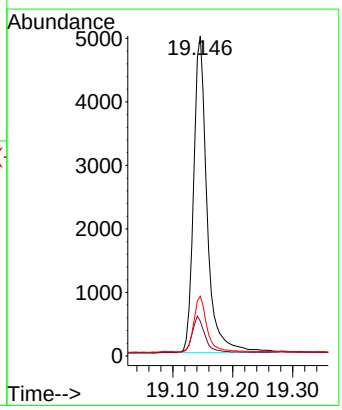


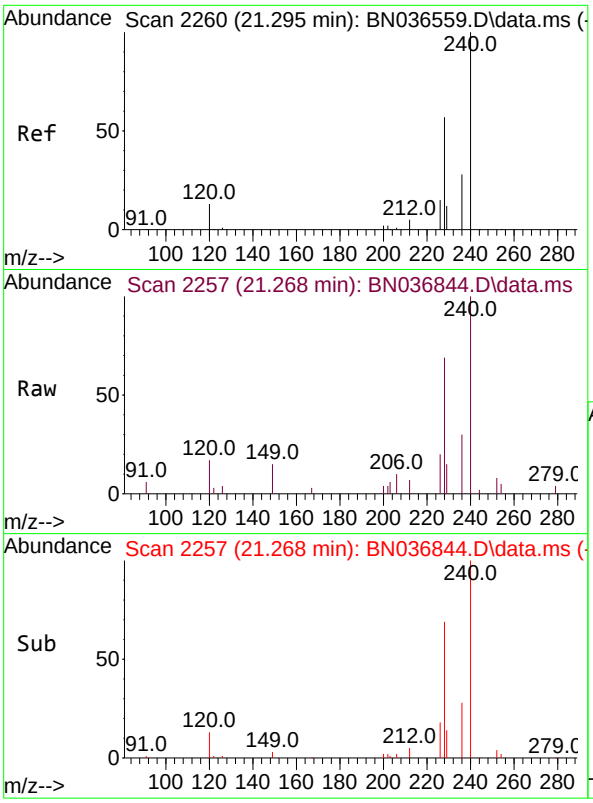


#28
Fluoranthene
Concen: 0.432 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.004 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:202 Resp: 7791

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.4	14.0
203	17.3	13.5	20.3



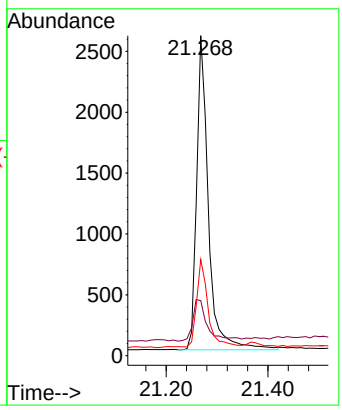


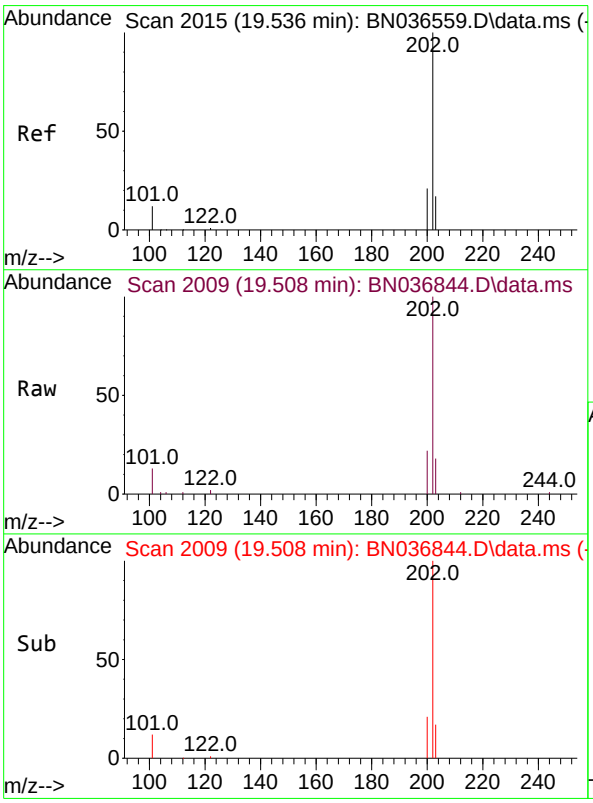
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4128

Ion	Ratio	Lower	Upper
240	100		
120	17.2	14.6	22.0
236	30.0	24.1	36.1

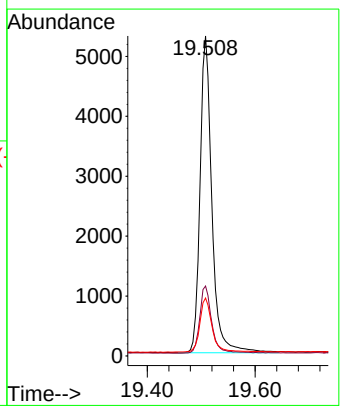


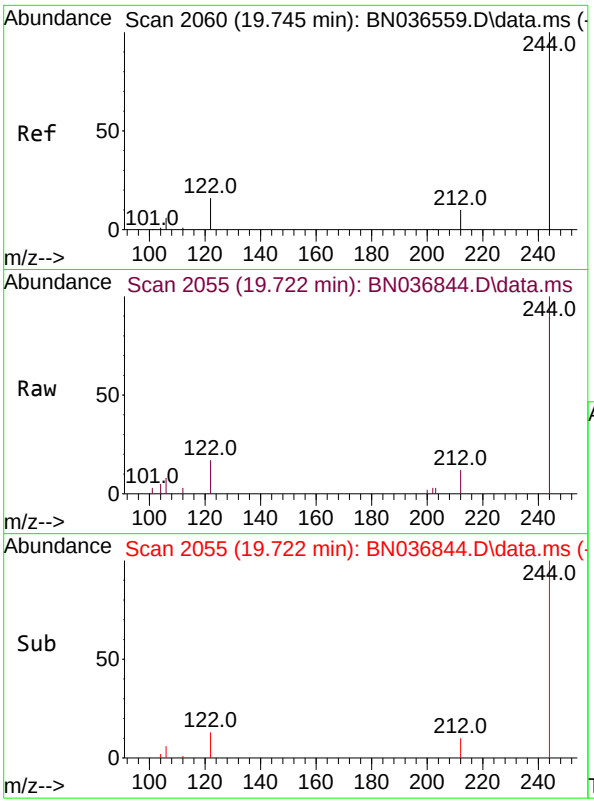


#30
Pyrene
Concen: 0.399 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:202 Resp: 8053

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.7	14.1	21.1



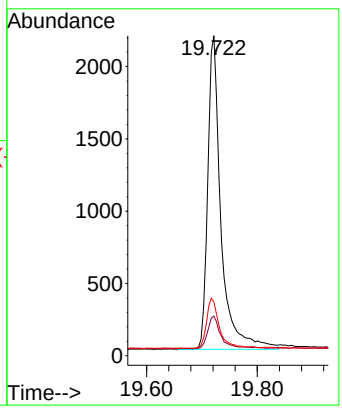


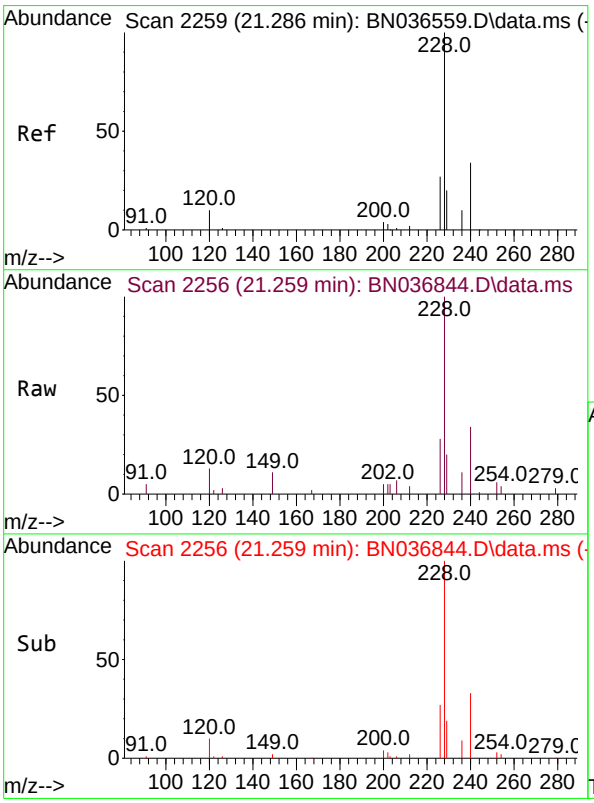
#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.722 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3607

Ion	Ratio	Lower	Upper
244	100		
212	12.4	9.6	14.4
122	16.8	13.9	20.9

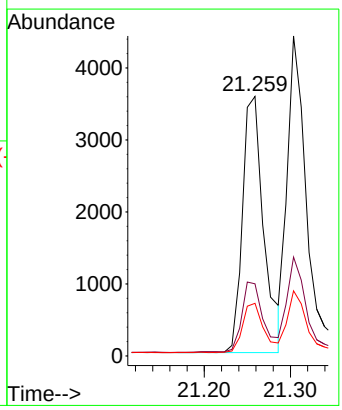


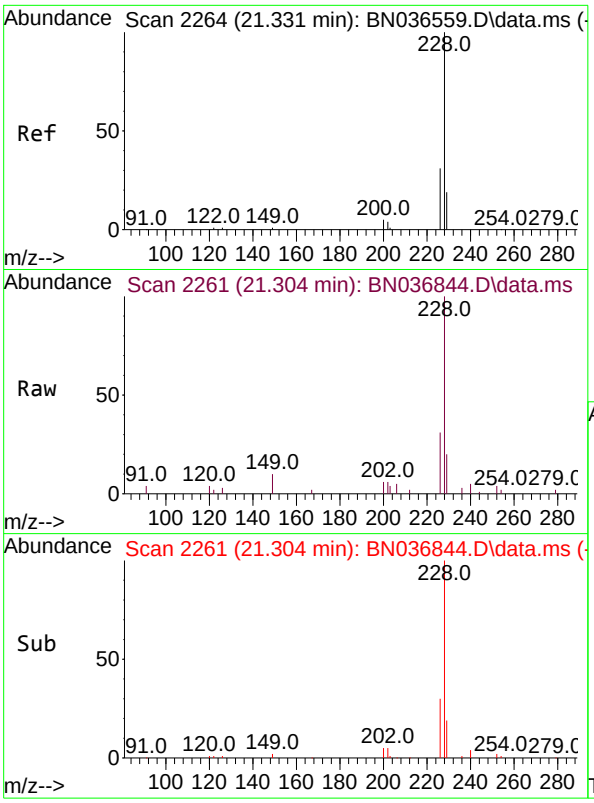


#32
Benzo(a)anthracene
Concen: 0.426 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:228 Resp: 6120

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.3	16.6	25.0



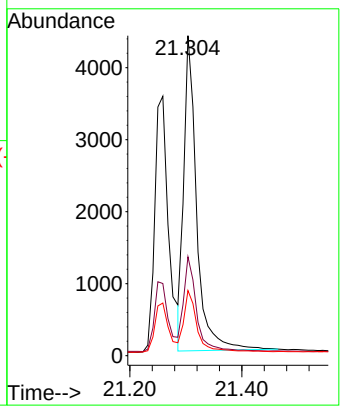


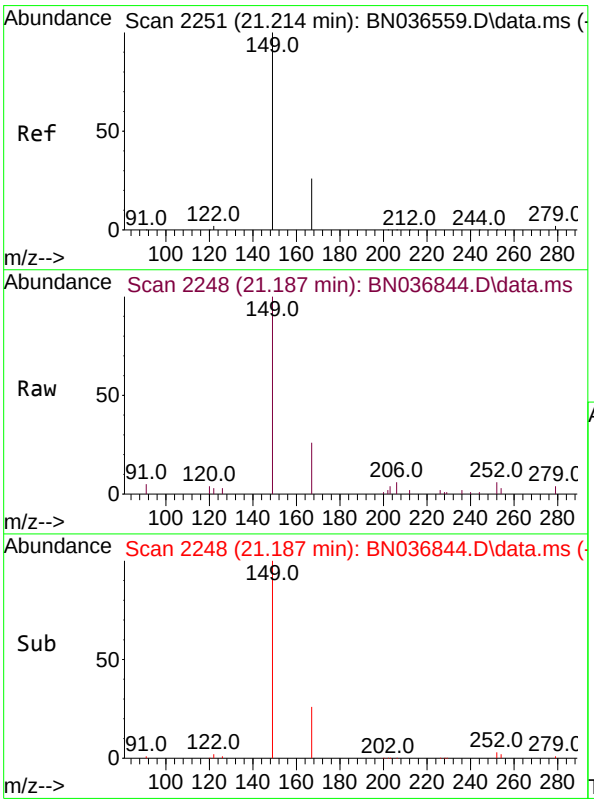
#33
Chrysene
Concen: 0.446 ng
RT: 21.304 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7002

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.3	37.9
229	20.4	15.8	23.8

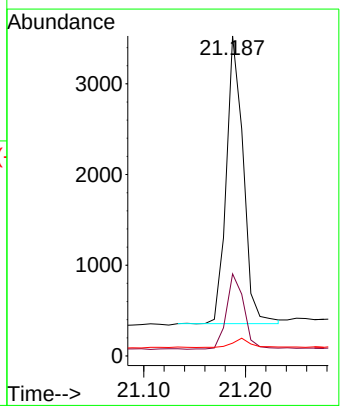


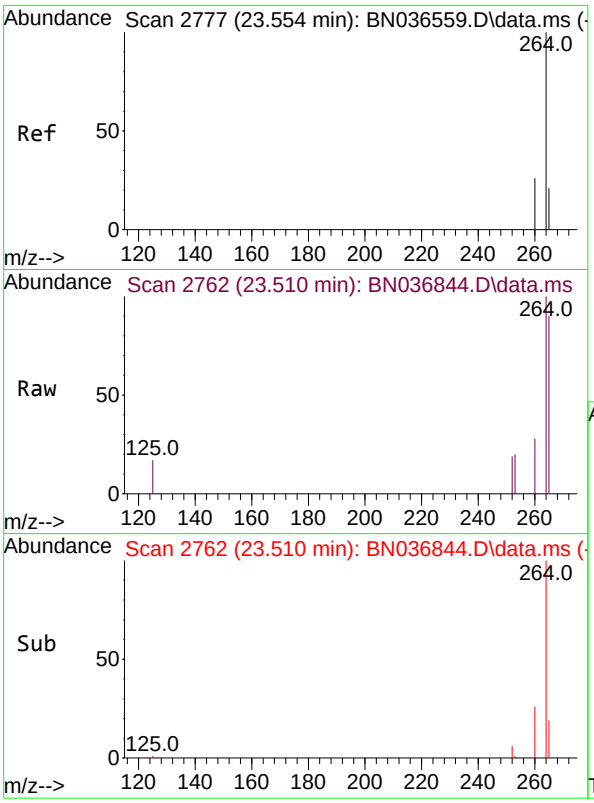


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.359 ng
RT: 21.187 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:149 Resp: 3668

Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.7	31.1
279	3.5	3.6	5.4#



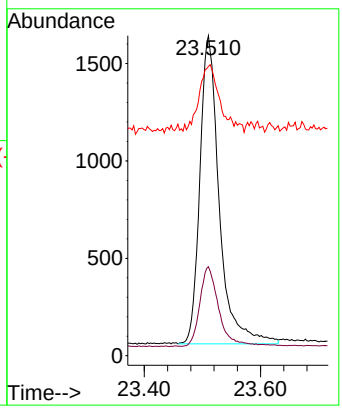


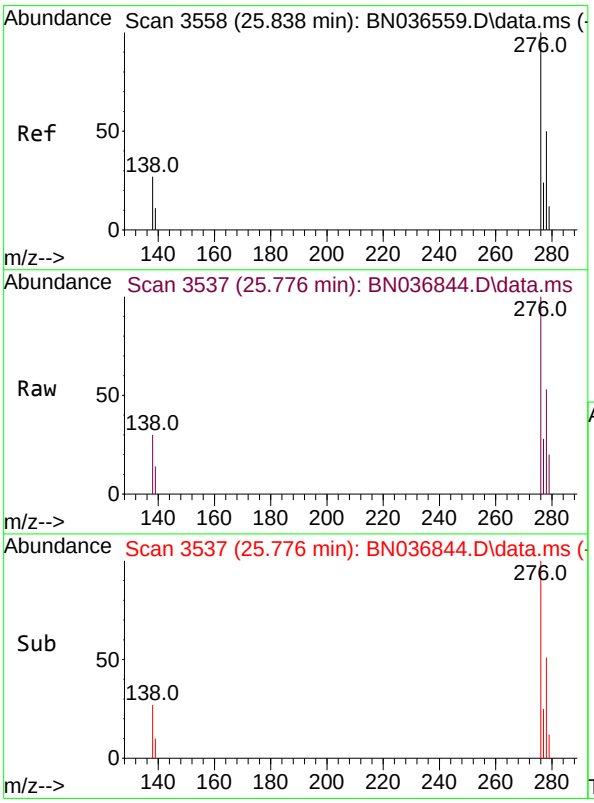
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.510 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3662

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.6	33.8
265	90.4	88.1	132.1

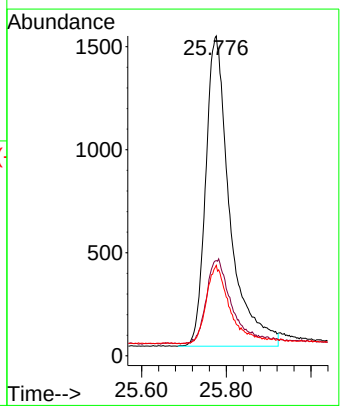


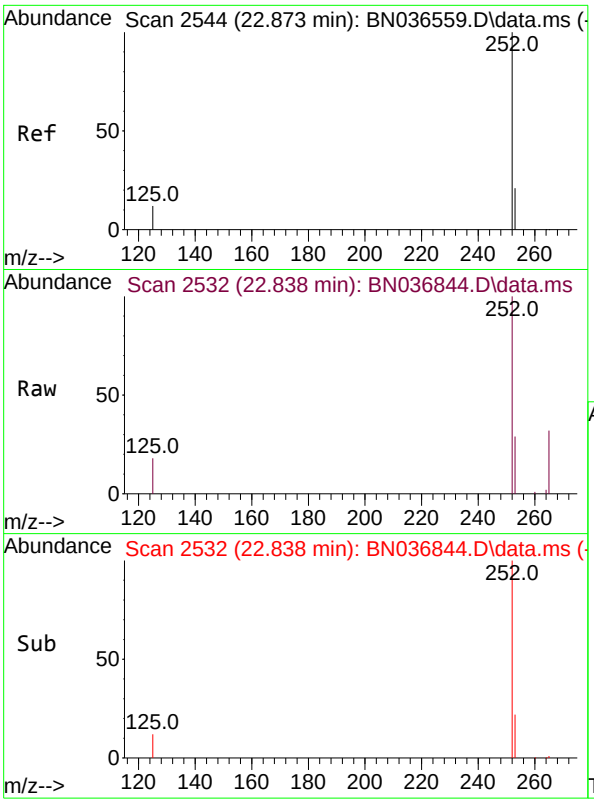


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng
RT: 25.776 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:276 Resp: 5948

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.4	35.2
277	25.0	20.0	30.0



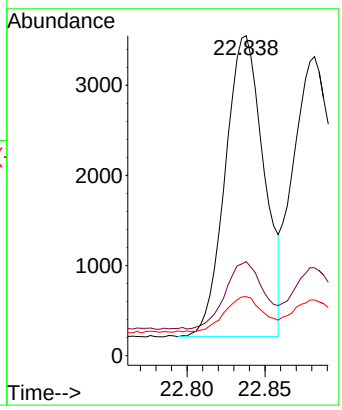


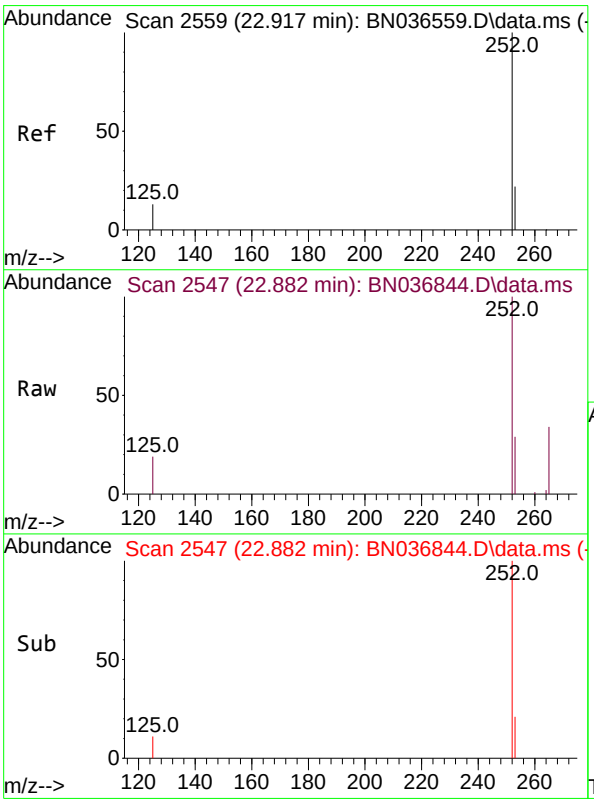
#37
Benzo(b)fluoranthene
Concen: 0.432 ng
RT: 22.838 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5760

Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.9	35.9
125	18.4	17.4	26.2

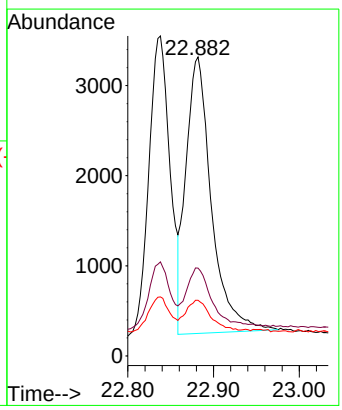


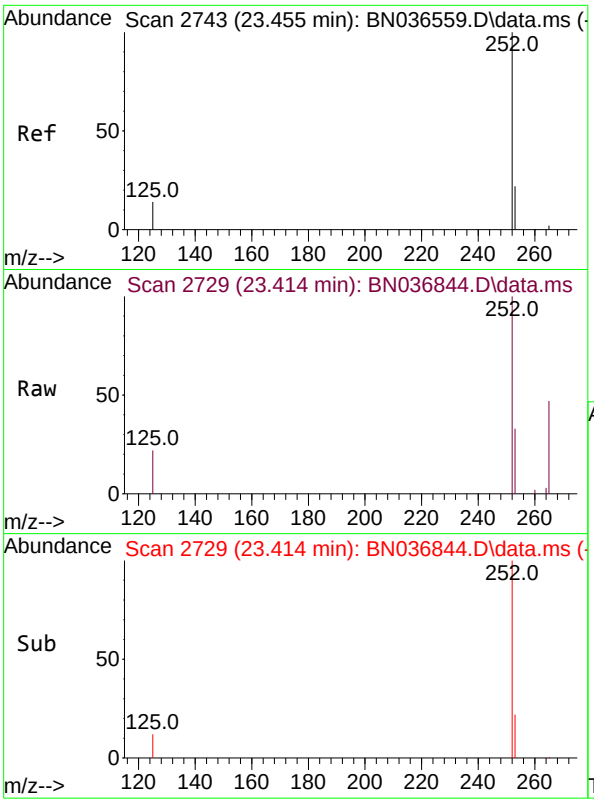


#38
Benzo(k)fluoranthene
Concen: 0.453 ng
RT: 22.882 min Scan# 2547
Delta R.T. 0.003 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:252 Resp: 6336

Ion	Ratio	Lower	Upper
252	100		
253	29.4	24.6	36.8
125	18.6	17.8	26.8



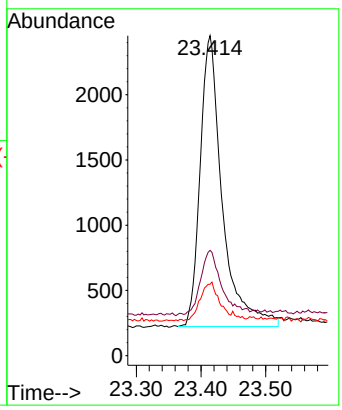


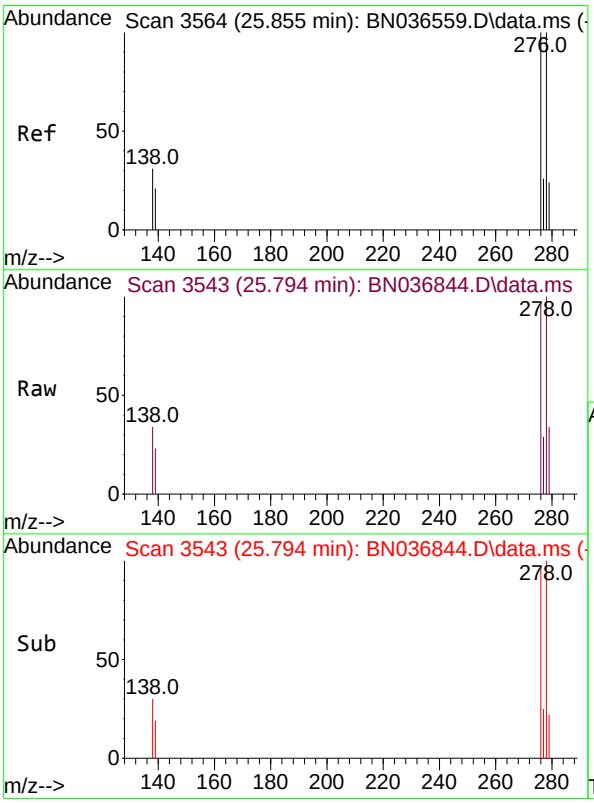
#39
Benzo(a)pyrene
Concen: 0.472 ng
RT: 23.414 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5295

Ion	Ratio	Lower	Upper
252	100		
253	32.9	27.8	41.8
125	22.3	22.7	34.1#

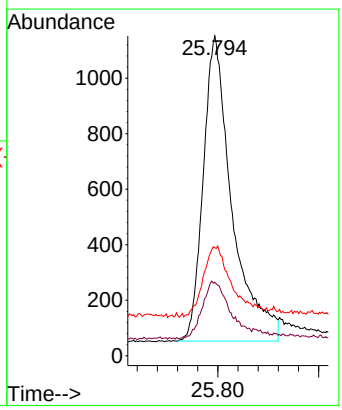


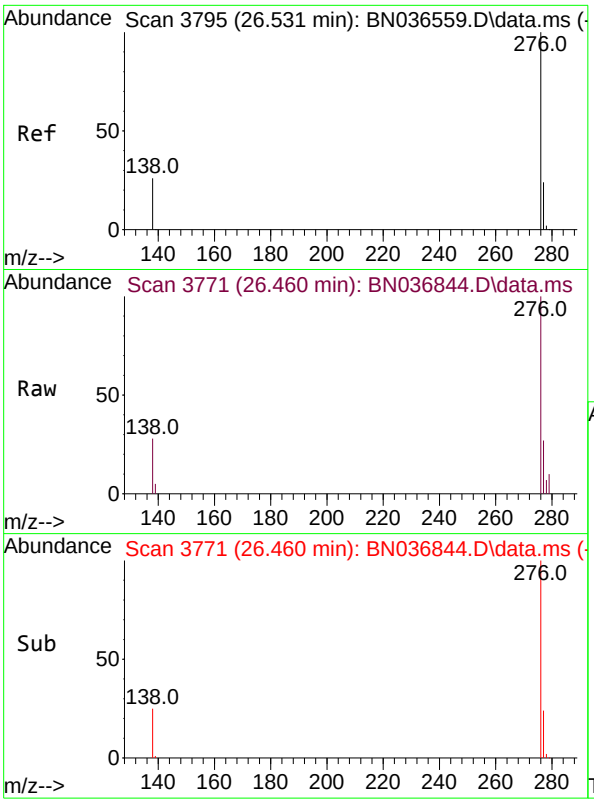


#40
Dibenzo(a,h)anthracene
Concen: 0.424 ng
RT: 25.794 min Scan# 3543
Delta R.T. 0.003 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Tgt Ion:278 Resp: 4360

Ion	Ratio	Lower	Upper
278	100		
139	23.0	20.8	31.2
279	33.8	28.8	43.2





#41
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 26.460 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN036844.D
Acq: 04 Apr 2025 20:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4917

Ion	Ratio	Lower	Upper
276	100		
277	26.9	22.2	33.4
138	28.2	24.1	36.1