Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
Data File : BN036837.D
Acq On : 04 Apr 2025 13:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 04 17:31:11 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	7.688	152	2261	0.400	ng		0.00
7) Naphthalene-d8	10.477	136	5761	0.400	ng		# 0.00
13) Acenaphthene-d10	14.334	164	3391	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	7218	0.400	ng		# 0.00
29) Chrysene-d12	21.268	240	6202	0.400	ng		0.00
35) Perylene-d12	23.511	264	5846	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	2154	0.409	ng		0.00
5) Phenol-d6	6.865	99	2624	0.403	ng		0.00
8) Nitrobenzene-d5	8.843	82	2357	0.376	ng		0.00
11) 2-Methylnaphthalene-d10	12.070	152	3408	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	572	0.372	ng		0.00
15) 2-Fluorobiphenyl	12.958	172	7286	0.369	ng		0.00
27) Fluoranthene-d10	19.113	212	8227	0.445	ng		0.00
31) Terphenyl-d14	19.717	244	5434	0.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1125	0.449	ng		99
3) n-Nitrosodimethylamine	3.536	42	2154	0.425	ng	#	98
6) bis(2-Chloroethyl)ether	7.118	93	2771	0.412	ng		99
9) Naphthalene	10.520	128	6735	0.397	ng		99
10) Hexachlorobutadiene	10.819	225	1531	0.384	ng	#	99
12) 2-Methylnaphthalene	12.146	142	4180	0.388	ng		98
16) Acenaphthylene	14.046	152	6192	0.387	ng		99
17) Acenaphthene	14.398	154	4201	0.401	ng		98
18) Fluorene	15.382	166	5768	0.407	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	509	0.422	ng	#	81
21) 4-Bromophenyl-phenylether	16.280	248	1746	0.386	ng	#	83
22) Hexachlorobenzene	16.391	284	2067	0.379	ng		96
23) Atrazine	16.553	200	1430	0.394	ng		97
24) Pentachlorophenol	16.739	266	1008	0.405	ng		98
25) Phenanthrene	17.124	178	8982	0.415	ng		99
26) Anthracene	17.211	178	7861	0.402	ng		98
28) Fluoranthene	19.141	202	10677	0.439	ng		100
30) Pyrene	19.508	202	10985	0.362	ng		100
32) Benzo(a)anthracene	21.259	228	8968	0.416	ng		99
33) Chrysene	21.304	228	10083	0.428	ng		99
34) Bis(2-ethylhexyl)phtha...	21.187	149	5324	0.347	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.771	276	8691	0.412	ng		98
37) Benzo(b)fluoranthene	22.838	252	9008	0.423	ng		92
38) Benzo(k)fluoranthene	22.879	252	9694	0.434	ng	#	91
39) Benzo(a)pyrene	23.411	252	7658	0.427	ng	#	90
40) Dibenzo(a,h)anthracene	25.791	278	6556	0.399	ng		91
41) Benzo(g,h,i)perylene	26.458	276	7891	0.420	ng		96

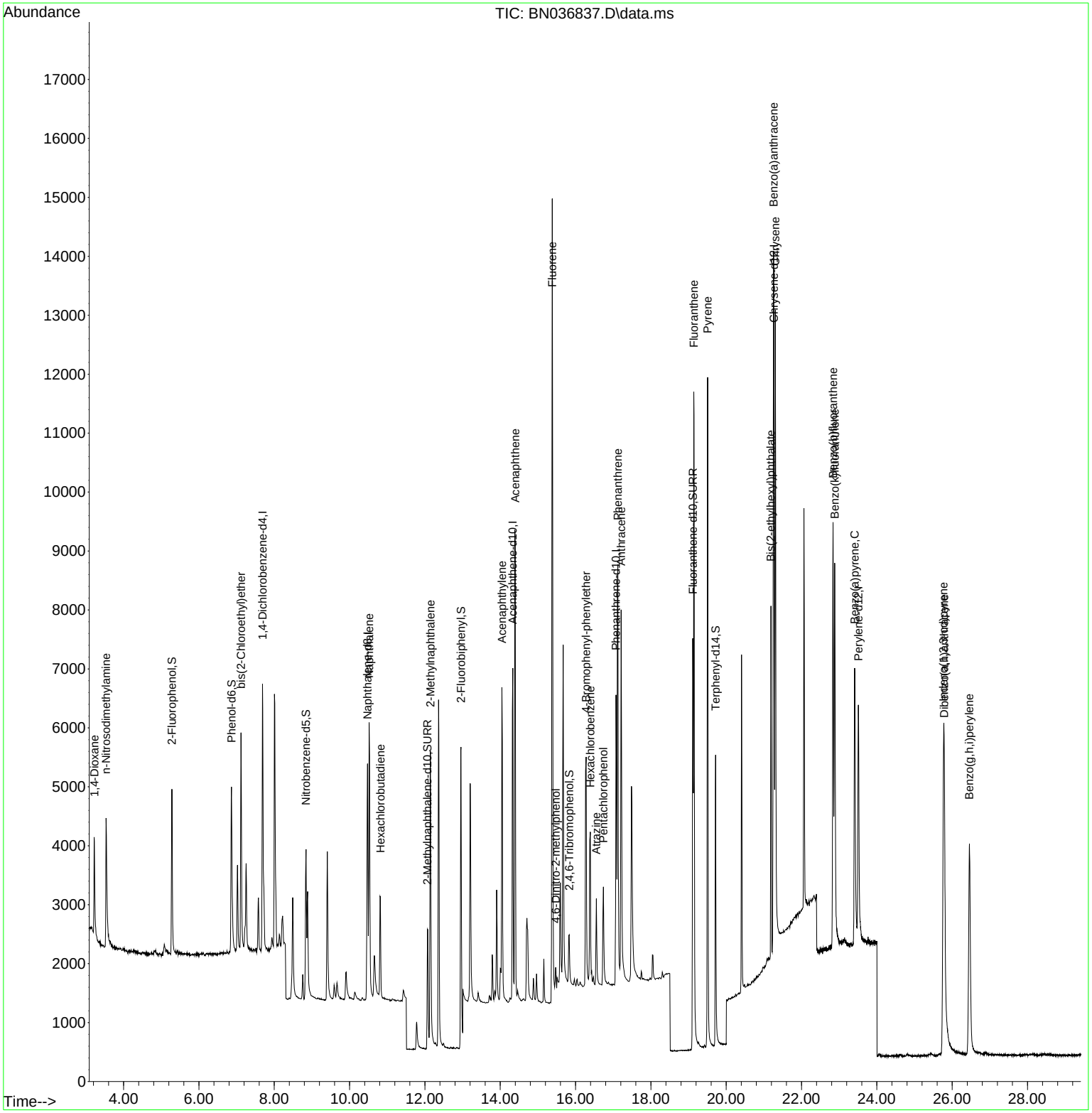
(#) = qualifier out of range (m) = manual integration (+) = signals summed

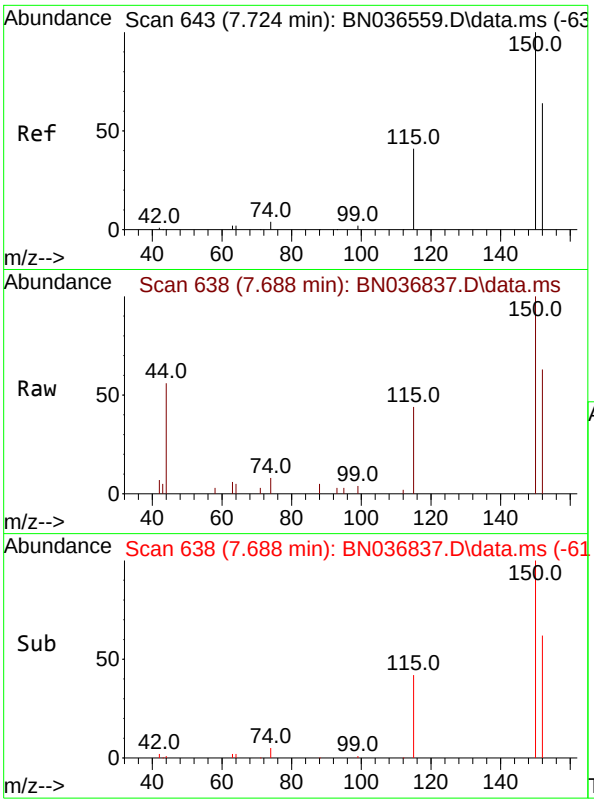
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
Data File : BN036837.D
Acq On : 04 Apr 2025 13:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 04 17:31:11 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



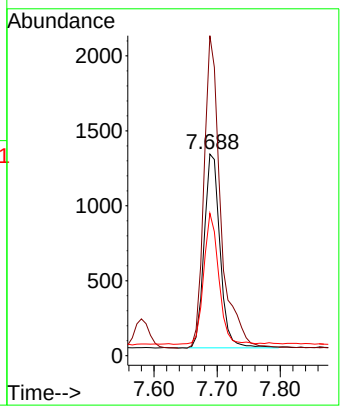


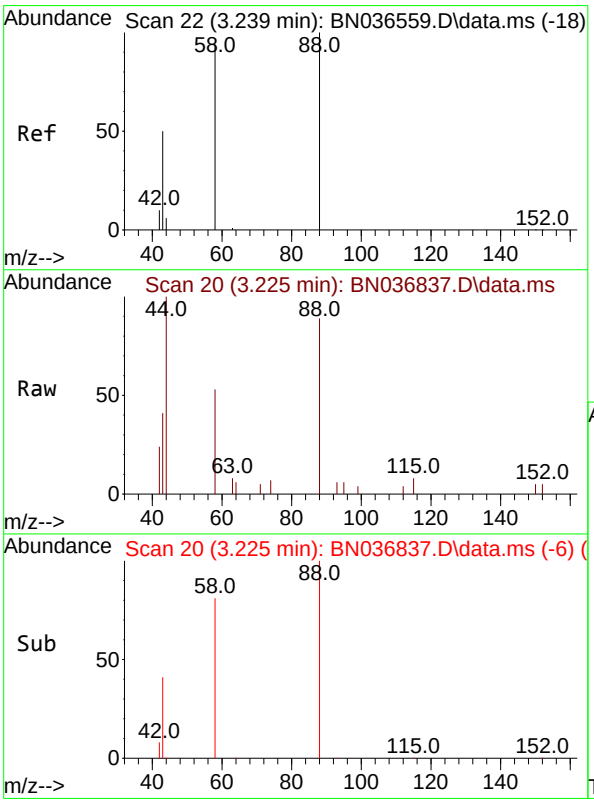
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2261

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.7	185.5
115	70.6	54.3	81.5

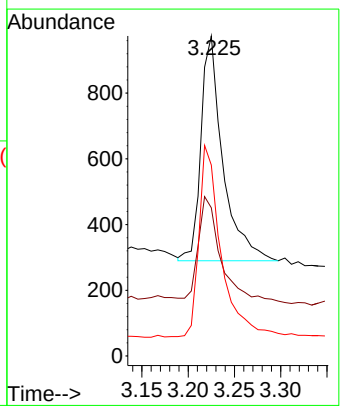


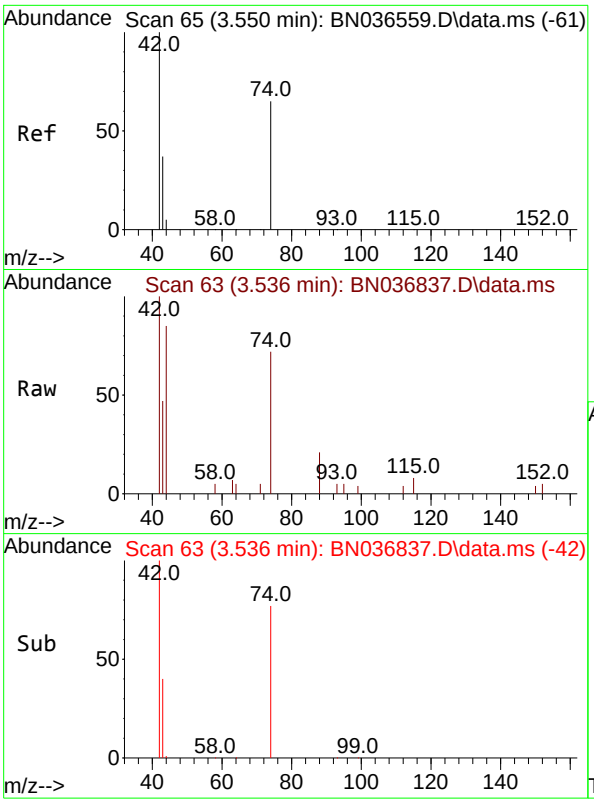


#2
1,4-Dioxane
Concen: 0.449 ng
RT: 3.225 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion: 88 Resp: 1125

Ion	Ratio	Lower	Upper
88	100		
43	47.0	37.8	56.8
58	85.5	67.4	101.2



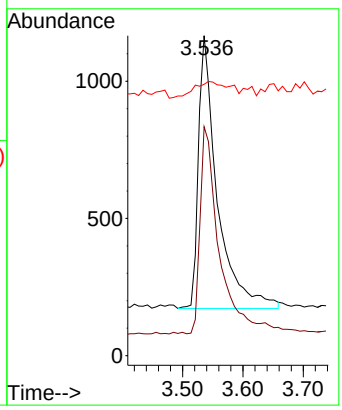


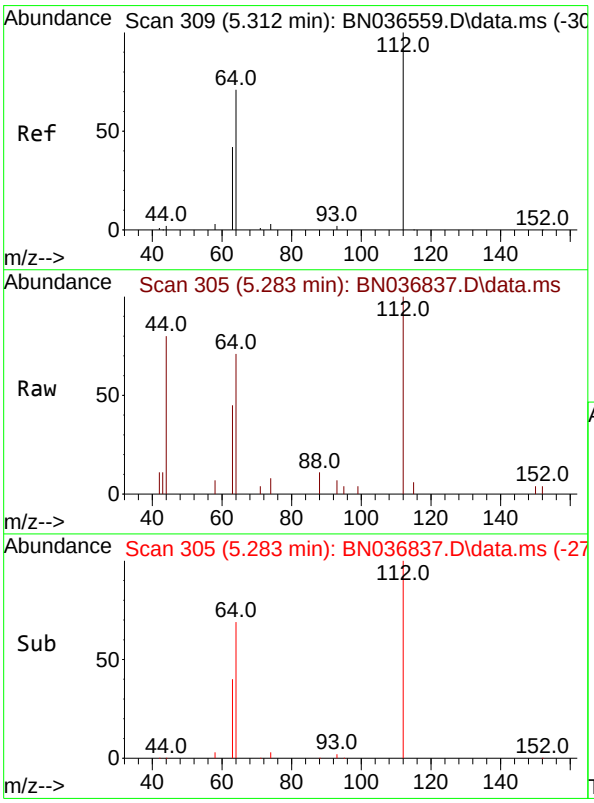
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.536 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2154

Ion	Ratio	Lower	Upper
42	100		
74	76.7	60.6	90.8
44	10.5	6.3	9.5#

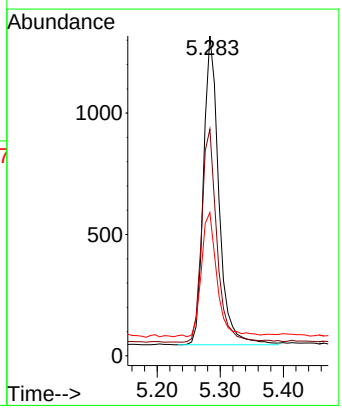


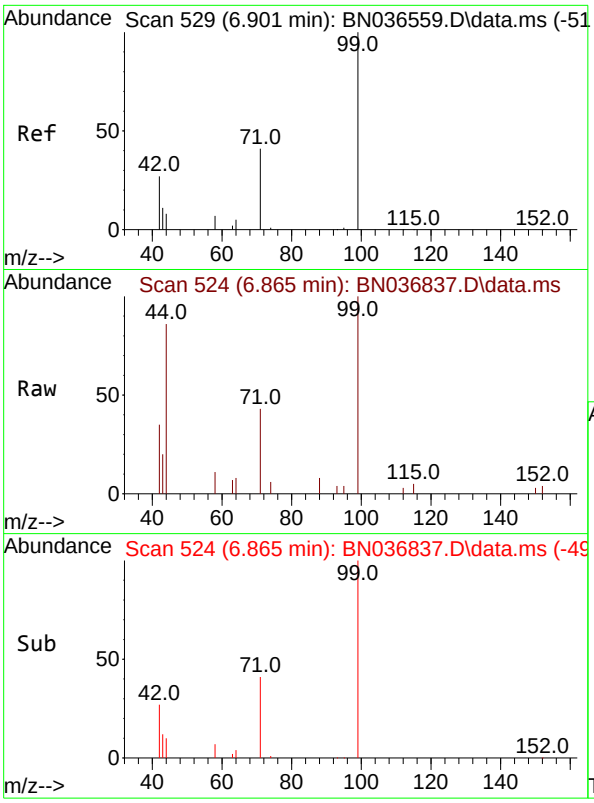


#4
2-Fluorophenol
Concen: 0.409 ng
RT: 5.283 min Scan# 305
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:112 Resp: 2154

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.1	79.7
63	41.0	31.8	47.8



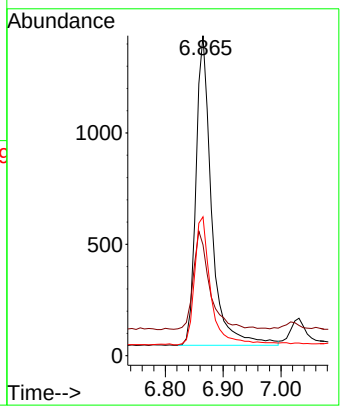


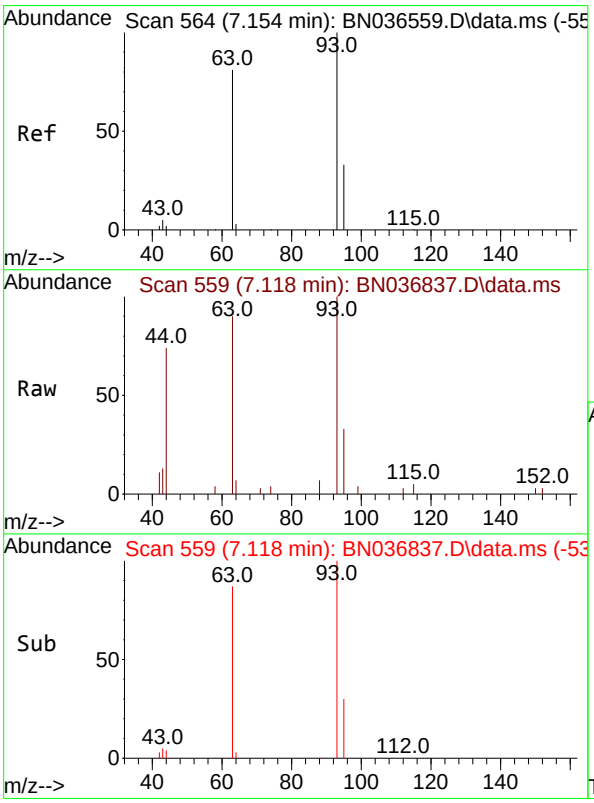
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.865 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2624

Ion	Ratio	Lower	Upper
99	100		
42	33.0	26.5	39.7
71	43.3	34.1	51.1

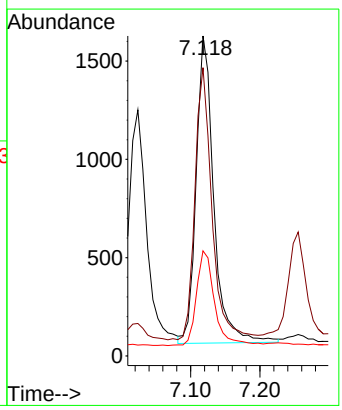


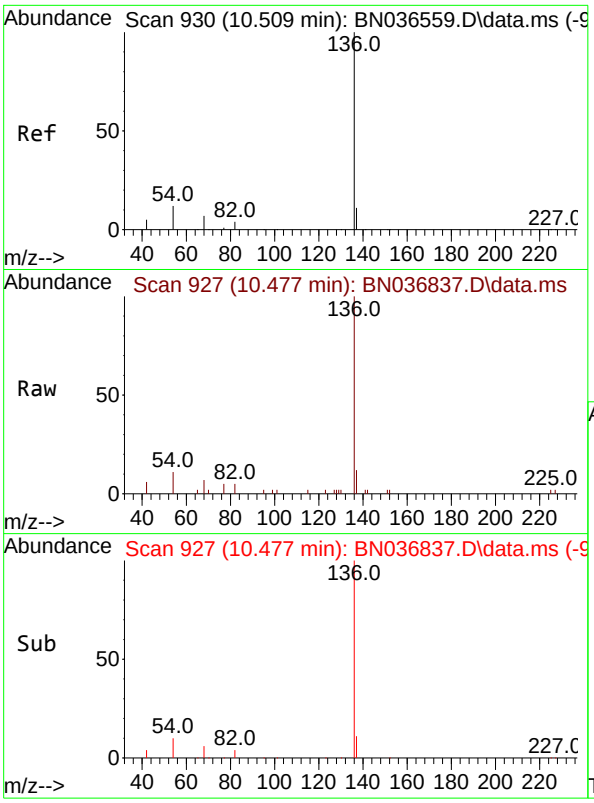


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.118 min Scan# 559
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion: 93 Resp: 2771

Ion	Ratio	Lower	Upper
93	100		
63	85.7	67.7	101.5
95	31.5	25.6	38.4



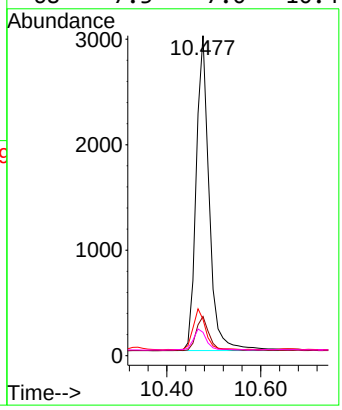


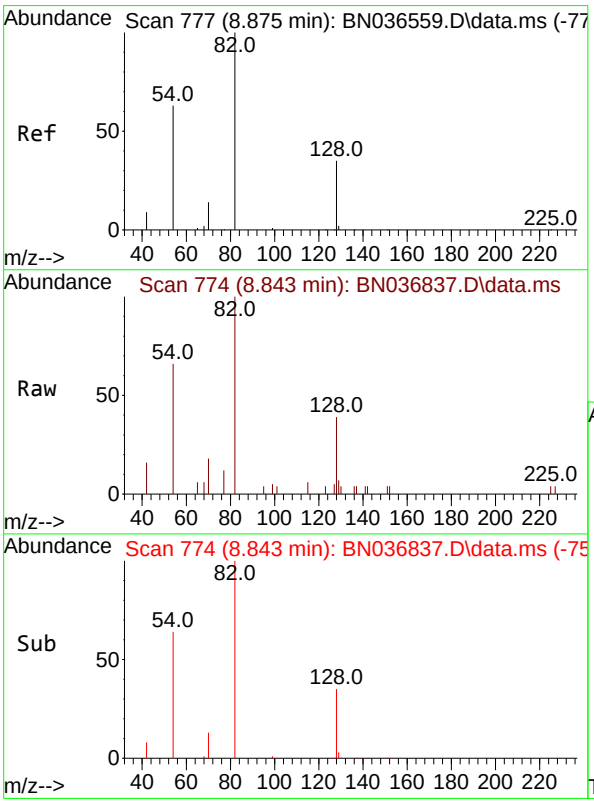
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5761

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.3	15.5
54	11.3	11.5	17.3#
68	7.3	7.0	10.4

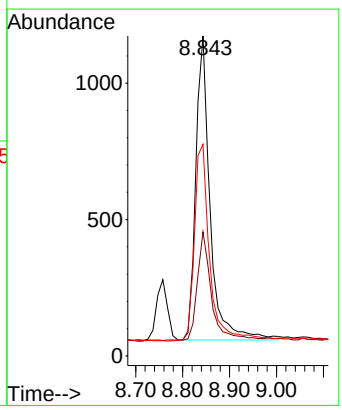


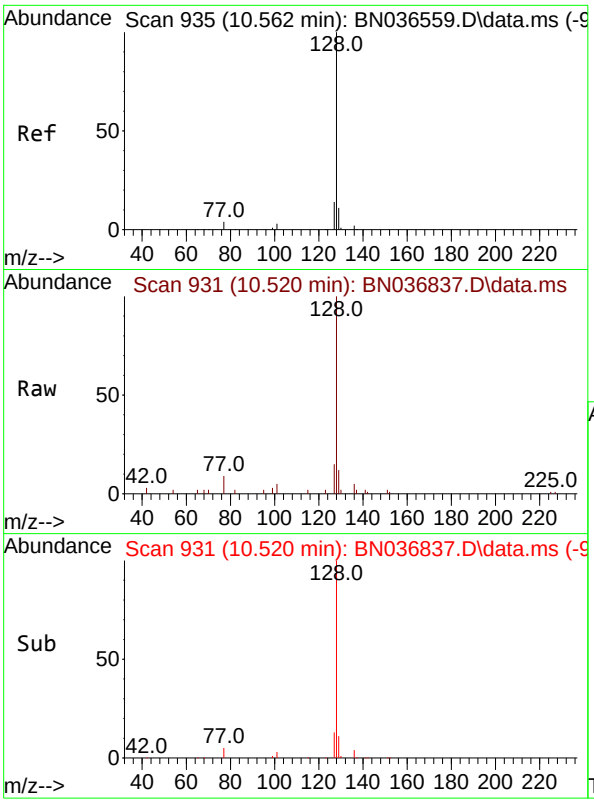


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.843 min Scan# 774
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion: 82 Resp: 2357

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.6	45.8
54	66.2	52.2	78.4



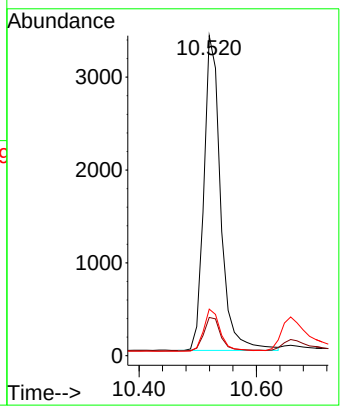


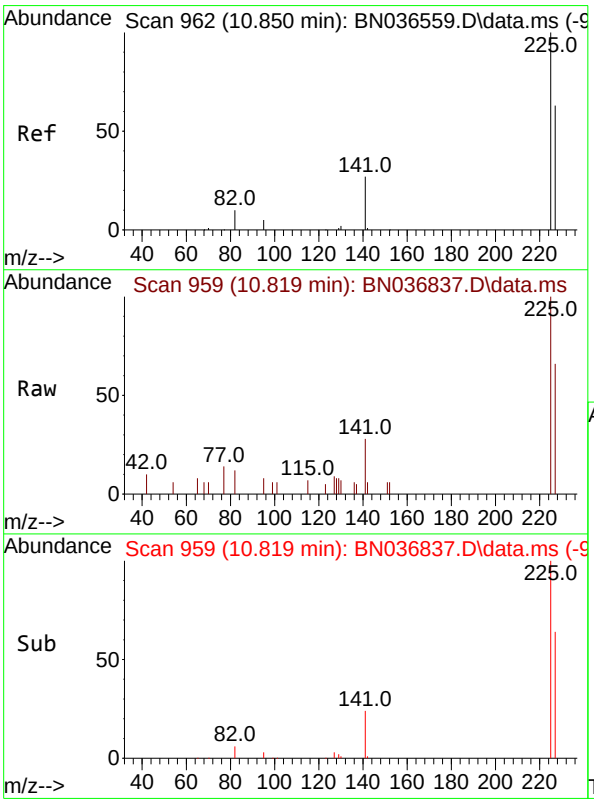
#9
Naphthalene
Concen: 0.397 ng
RT: 10.520 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6735

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.6	11.8	17.8

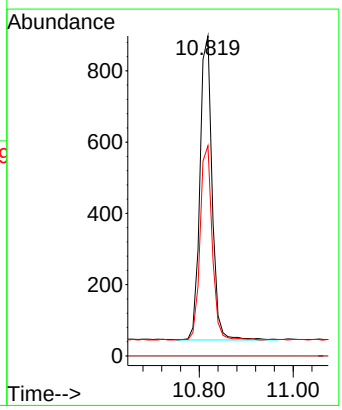


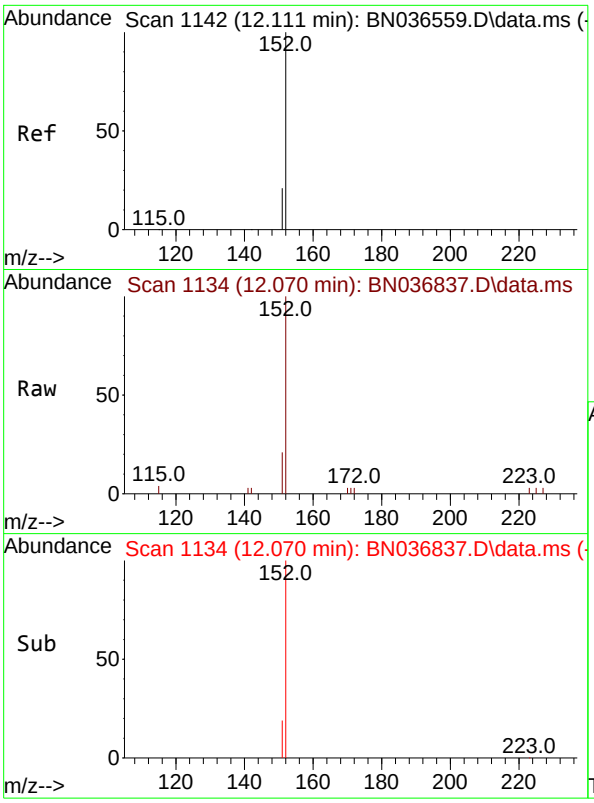


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.819 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:225 Resp: 1531

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.8	77.8



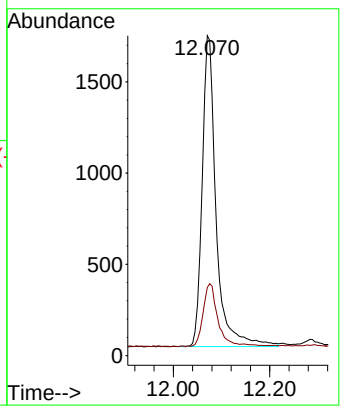


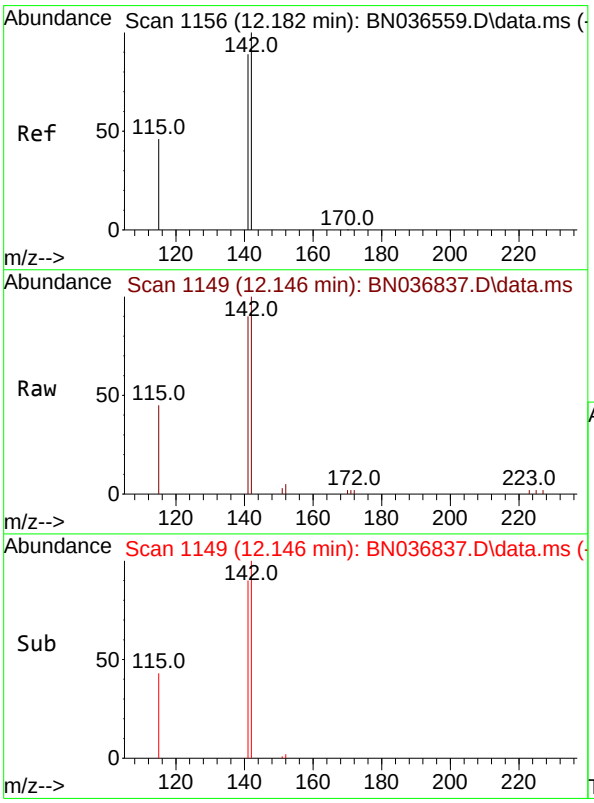
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.070 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3408

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.0	25.6

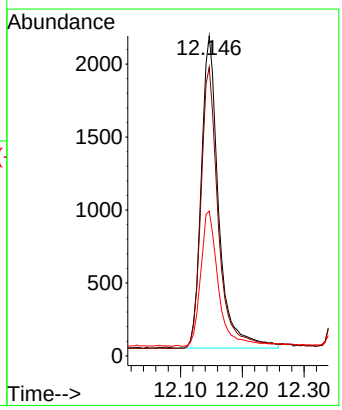


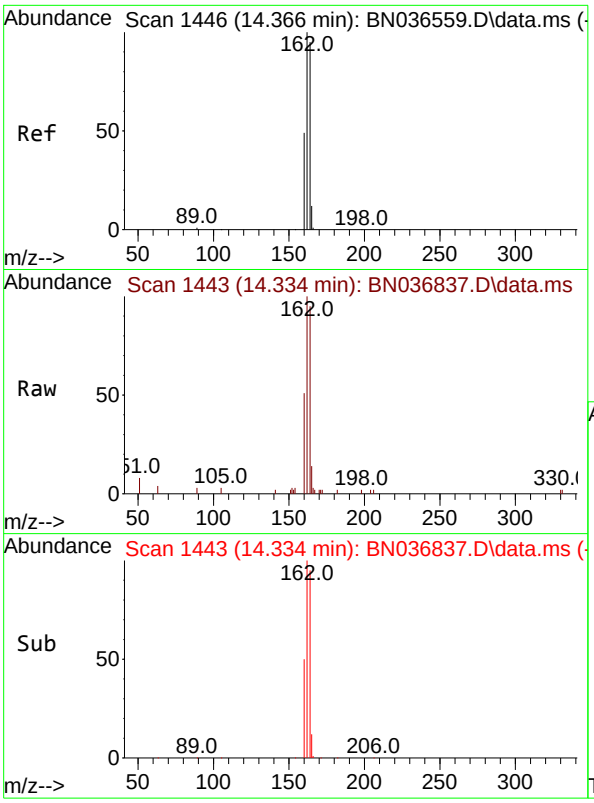


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.146 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:142 Resp: 4180

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.7	107.5
115	45.2	38.3	57.5



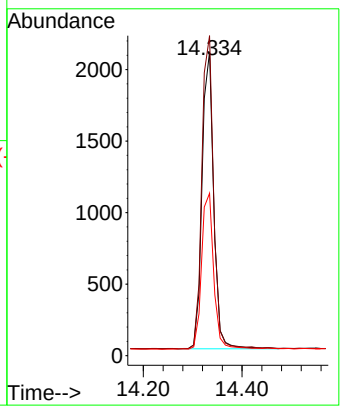


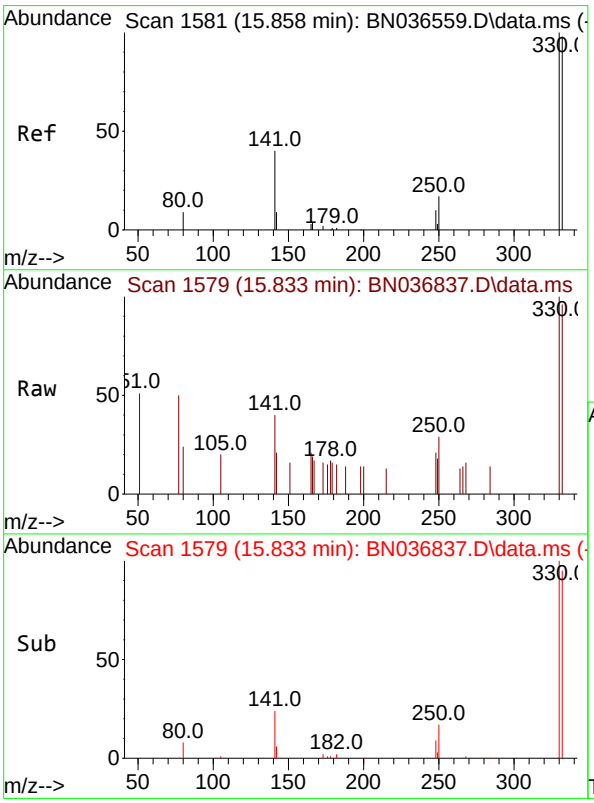
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3391

Ion	Ratio	Lower	Upper
164	100		
162	105.3	84.2	126.2
160	53.4	42.2	63.2

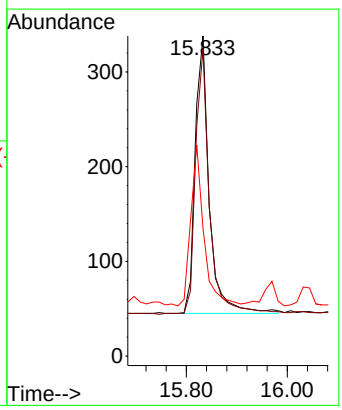


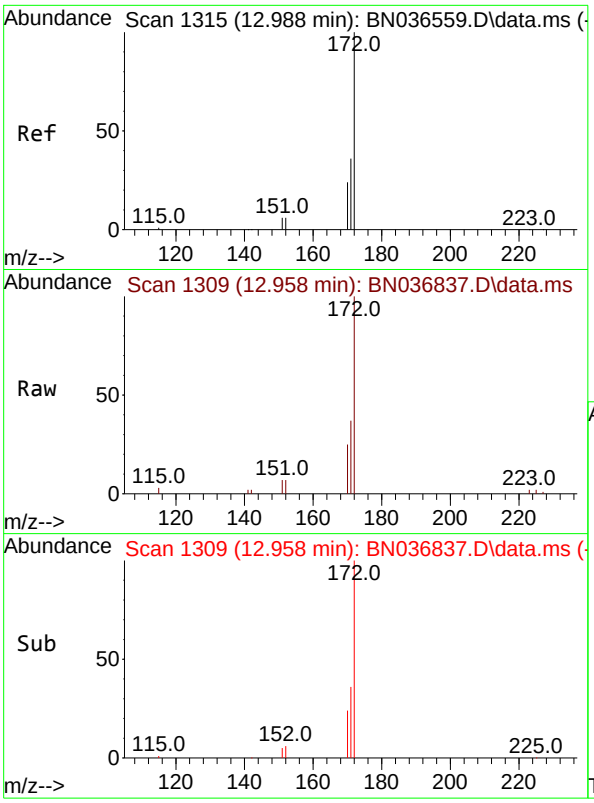


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:330 Resp: 572

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.2	112.8
141	53.5	43.4	65.2



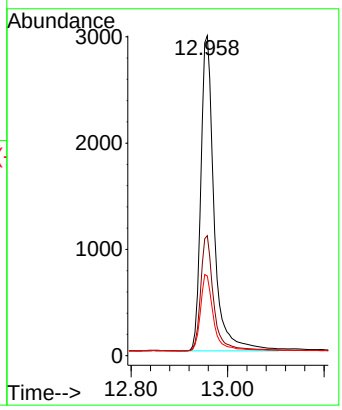


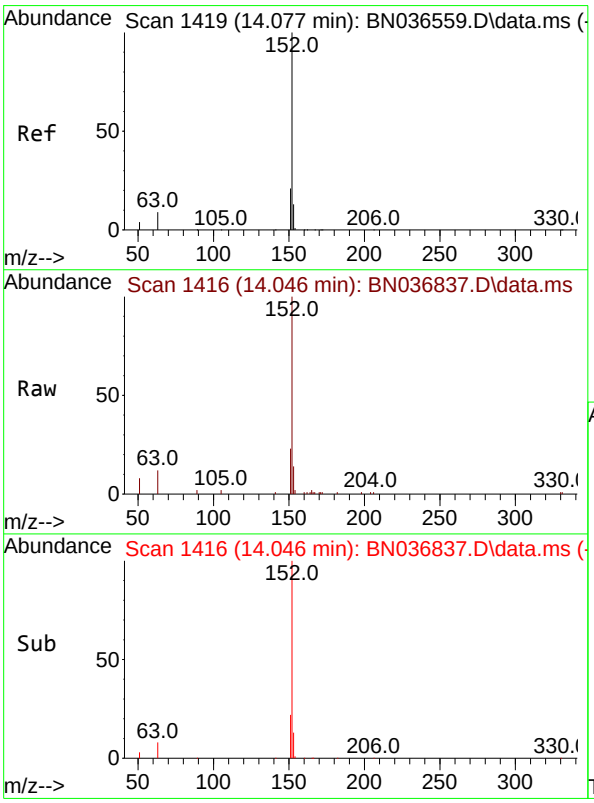
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.958 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 7286

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.5	44.3
170	24.9	20.2	30.4

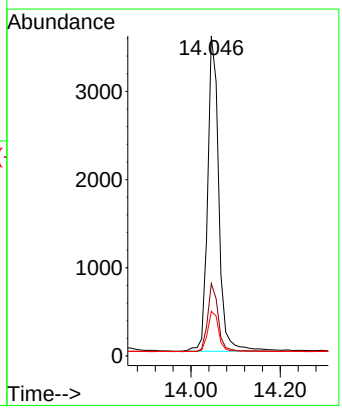


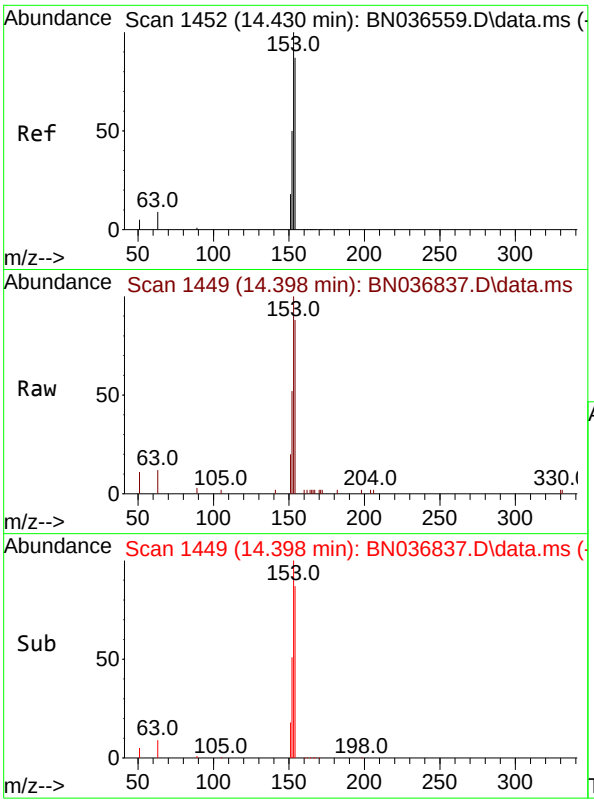


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.046 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:152 Resp: 6192

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.7	10.6	15.8



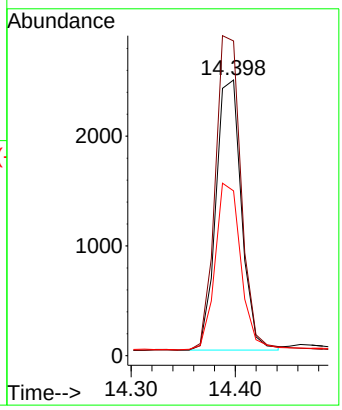


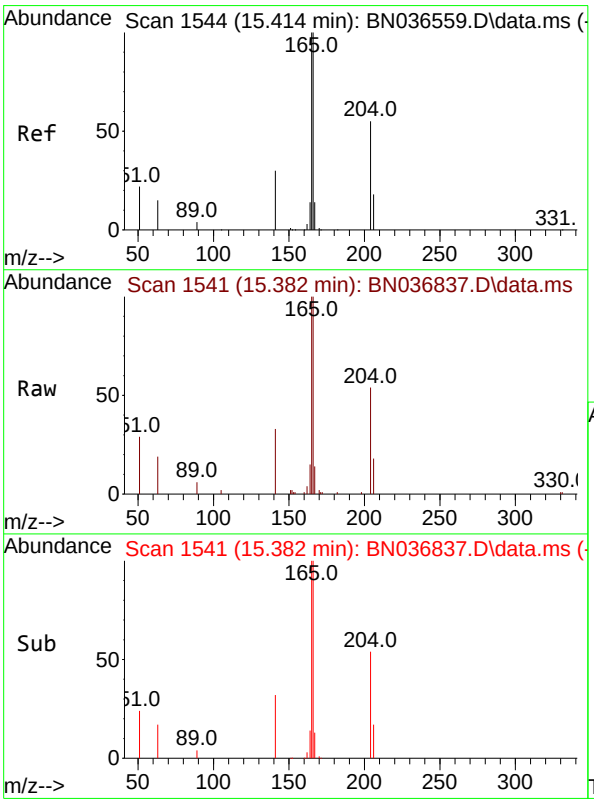
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.398 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4201

Ion	Ratio	Lower	Upper
154	100		
153	119.4	94.1	141.1
152	63.8	49.8	74.6

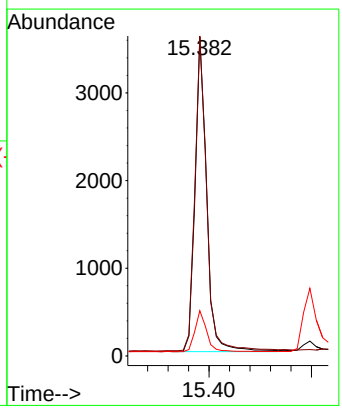


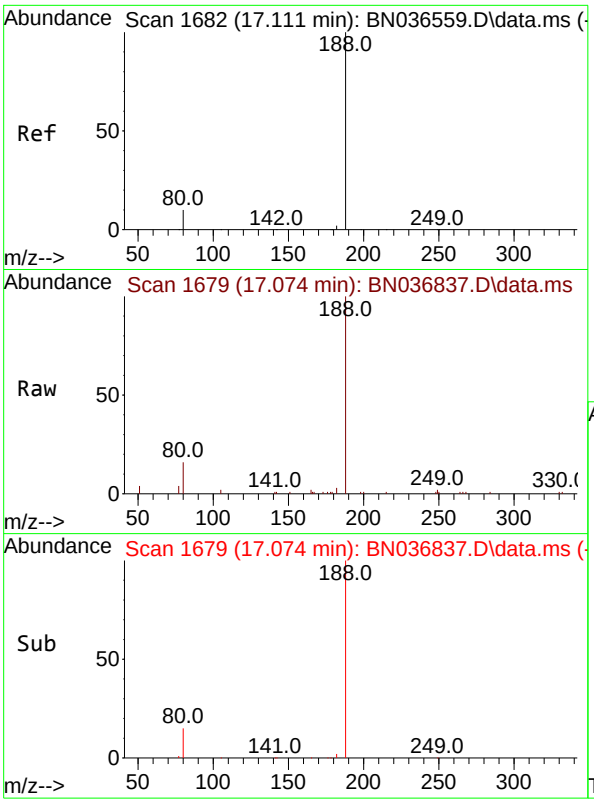


#18
Fluorene
Concen: 0.407 ng
RT: 15.382 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:166 Resp: 5768

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.0	10.6	15.8



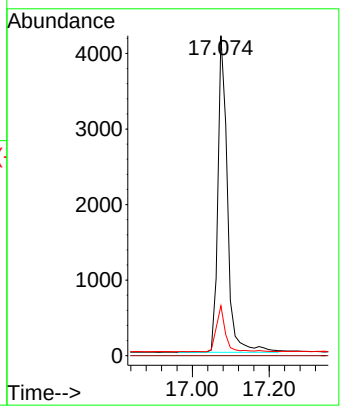


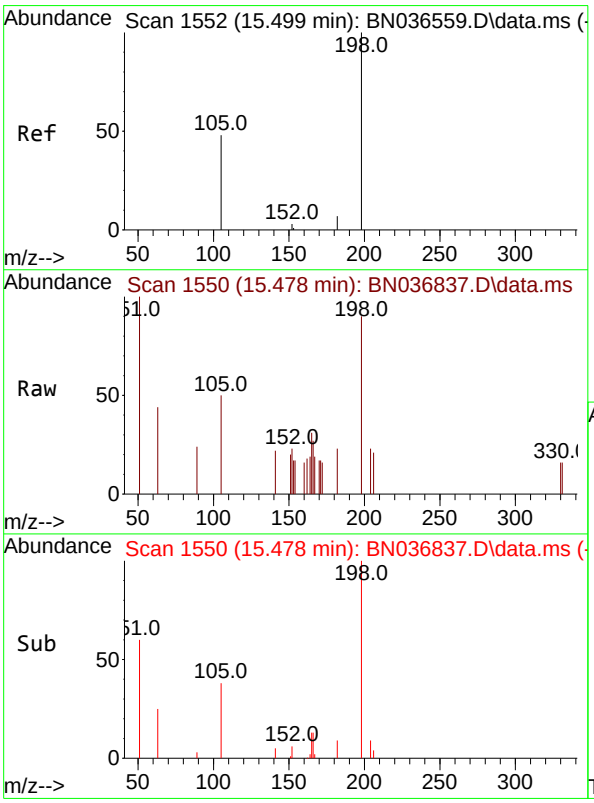
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7218

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.6	8.8	13.2#

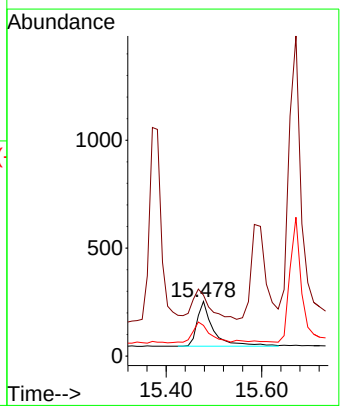


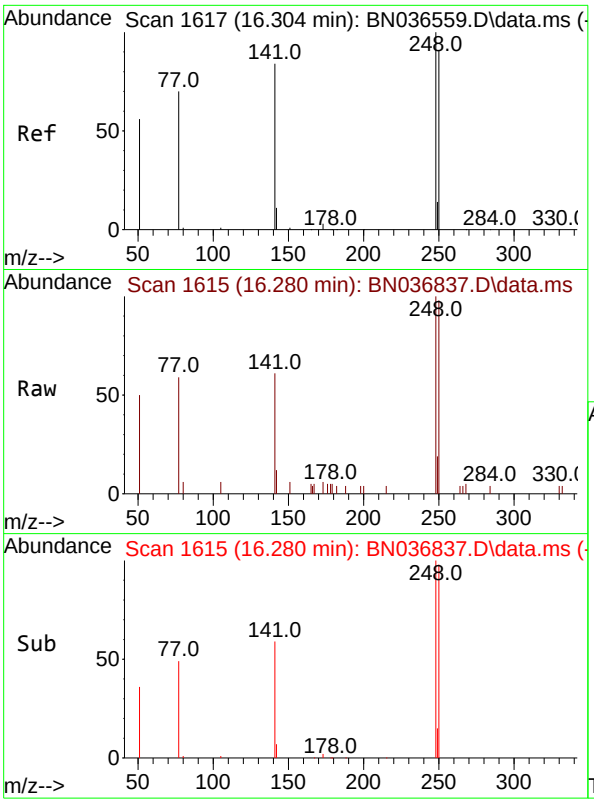


#20
4,6-Dinitro-2-methylphenol
Concen: 0.422 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:198 Resp: 509

Ion	Ratio	Lower	Upper
198	100		
51	111.5	107.9	161.9
105	56.1	56.2	84.2#



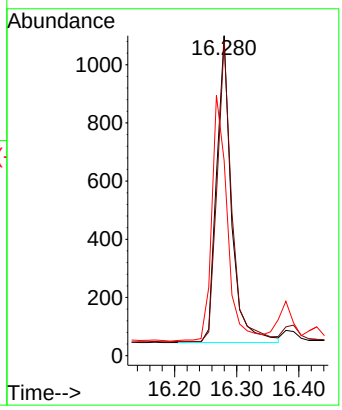


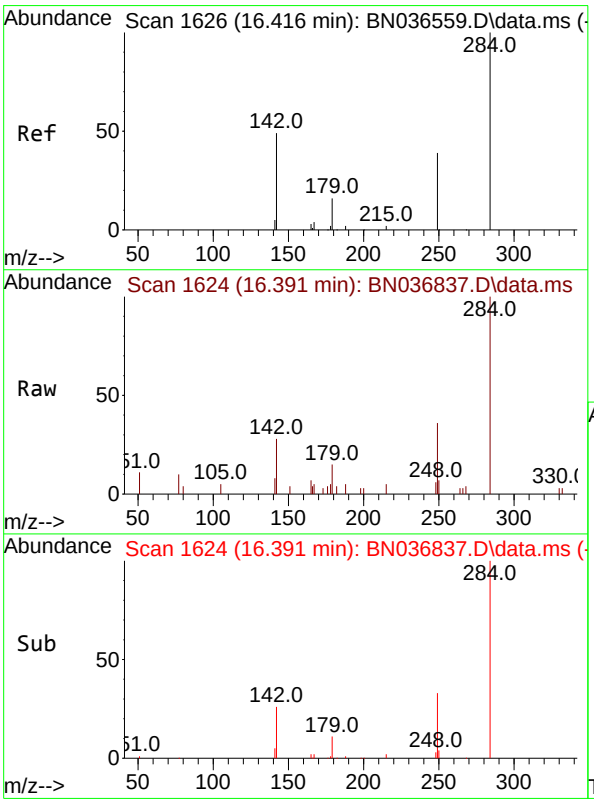
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.280 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1746

Ion	Ratio	Lower	Upper
248	100		
250	98.2	73.0	109.6
141	61.0	68.6	103.0#

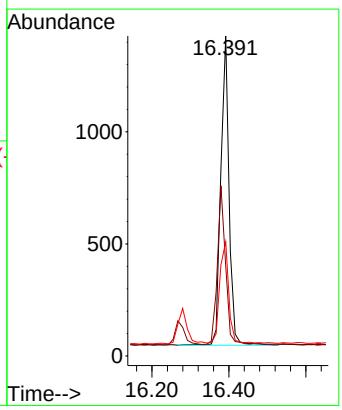


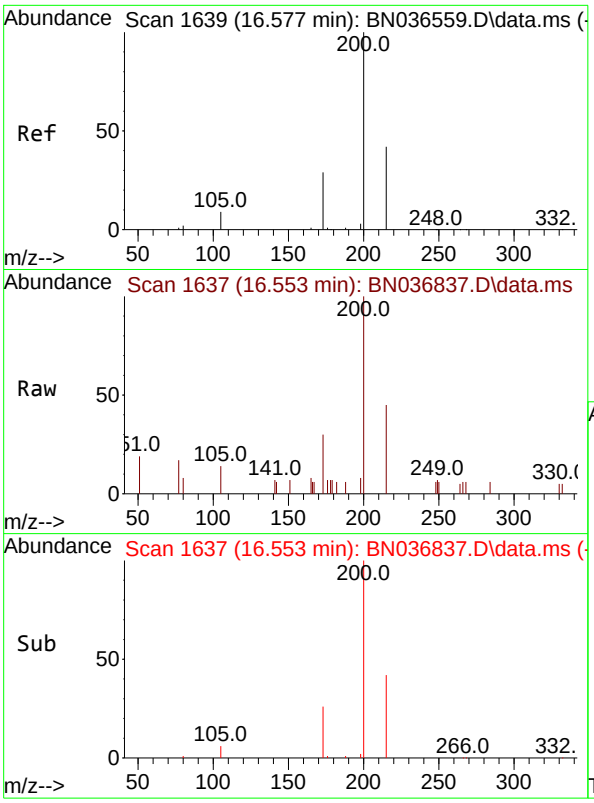


#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.391 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:284 Resp: 2067

Ion	Ratio	Lower	Upper
284	100		
142	49.9	37.0	55.4
249	36.1	28.1	42.1



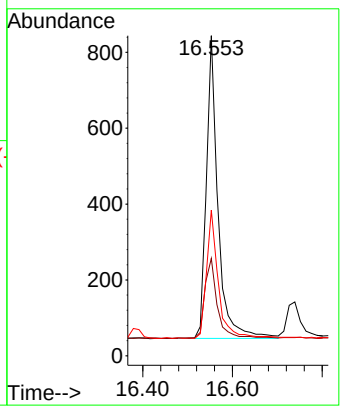


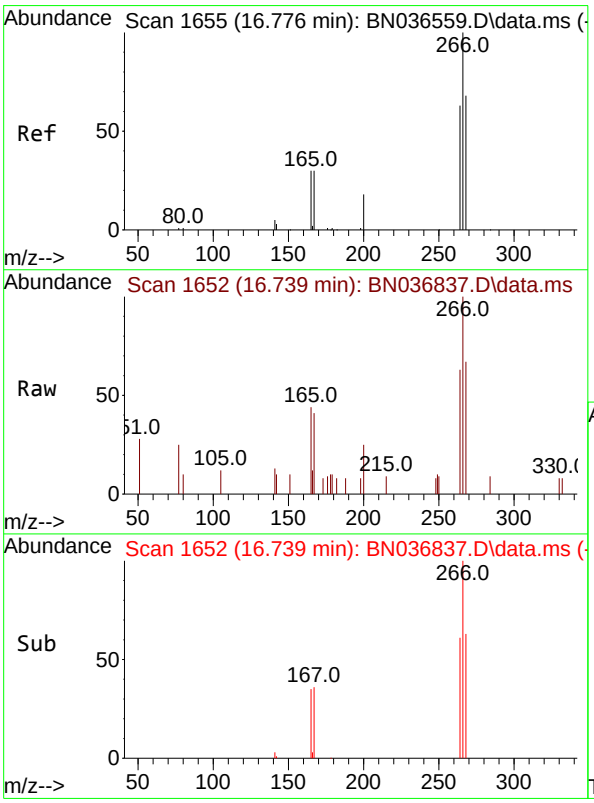
#23
Atrazine
Concen: 0.394 ng
RT: 16.553 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1430

Ion	Ratio	Lower	Upper
200	100		
173	30.5	27.3	40.9
215	45.5	36.8	55.2

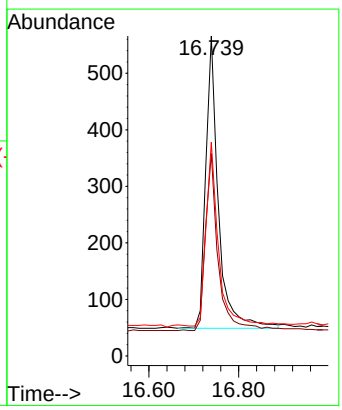


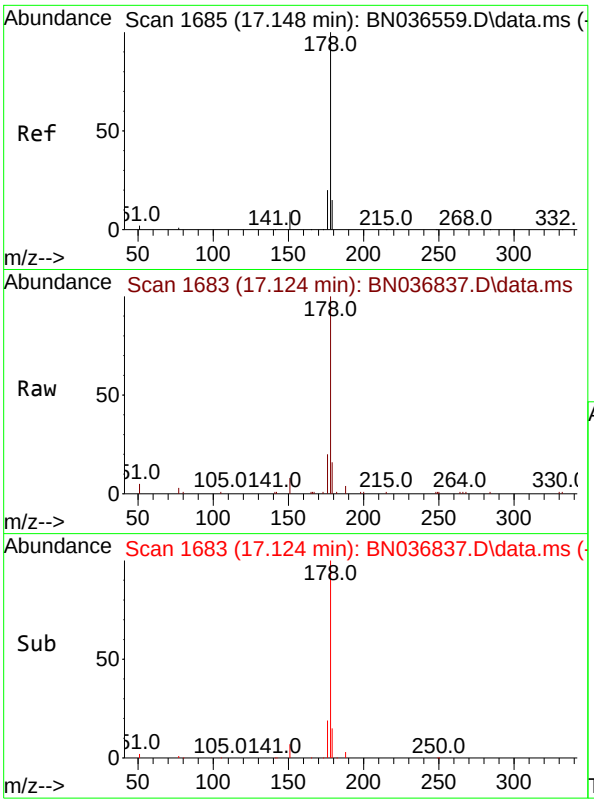


#24
Pentachlorophenol
Concen: 0.405 ng
RT: 16.739 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.6	74.4
268	62.3	50.9	76.3



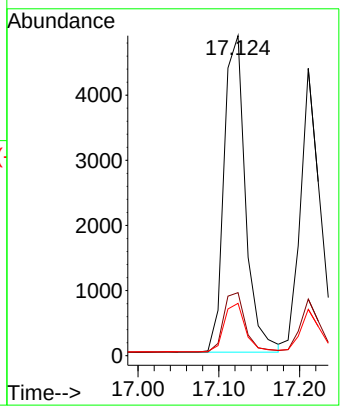


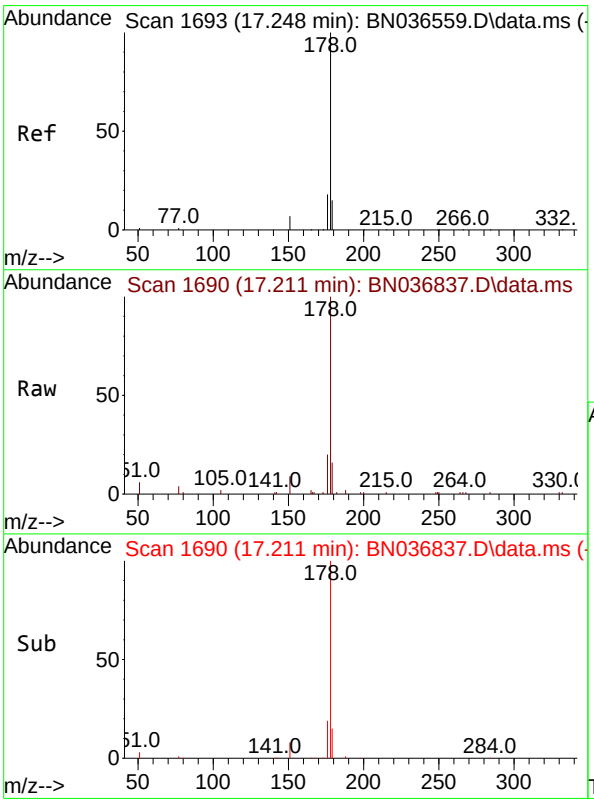
#25
Phenanthrene
Concen: 0.415 ng
RT: 17.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8982

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.3	12.2	18.4

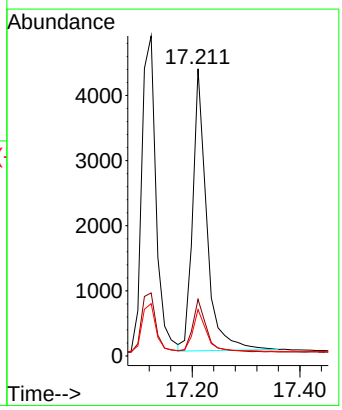


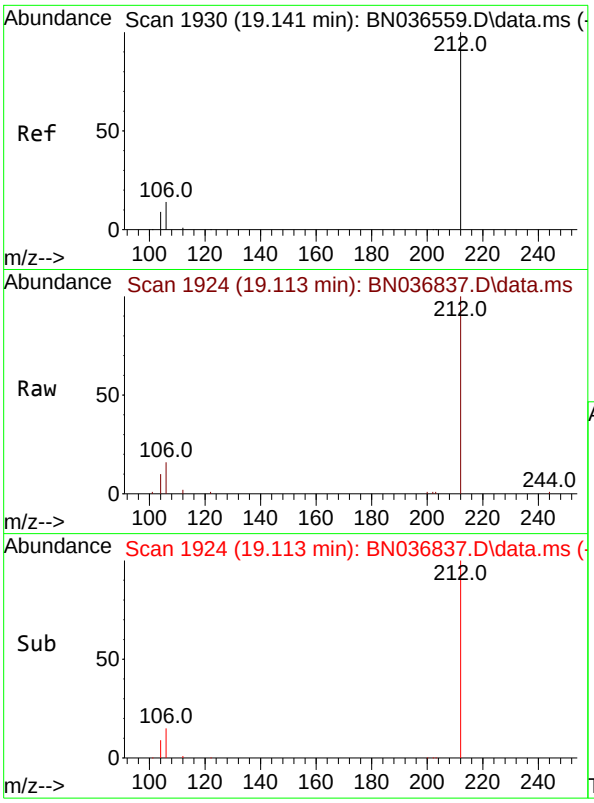


#26
Anthracene
Concen: 0.402 ng
RT: 17.211 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:178 Resp: 7861

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.9	12.6	18.8



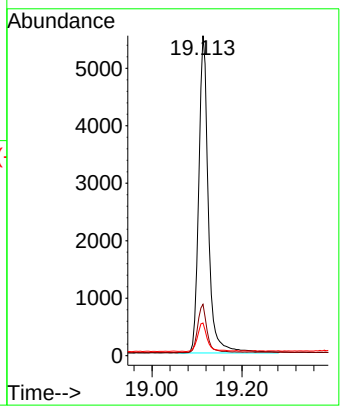


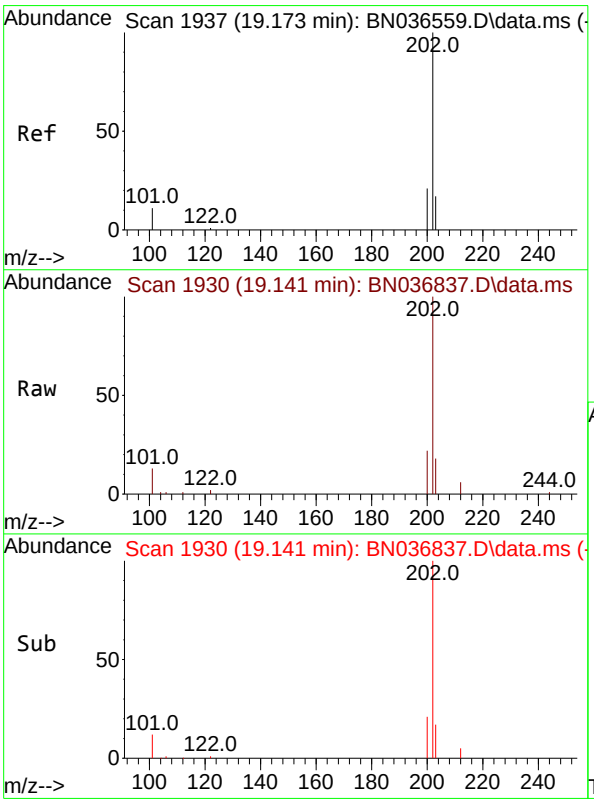
#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 19.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 8227

Ion	Ratio	Lower	Upper
212	100		
106	14.9	11.8	17.6
104	9.2	7.3	10.9

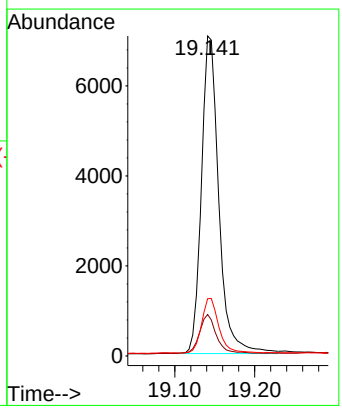


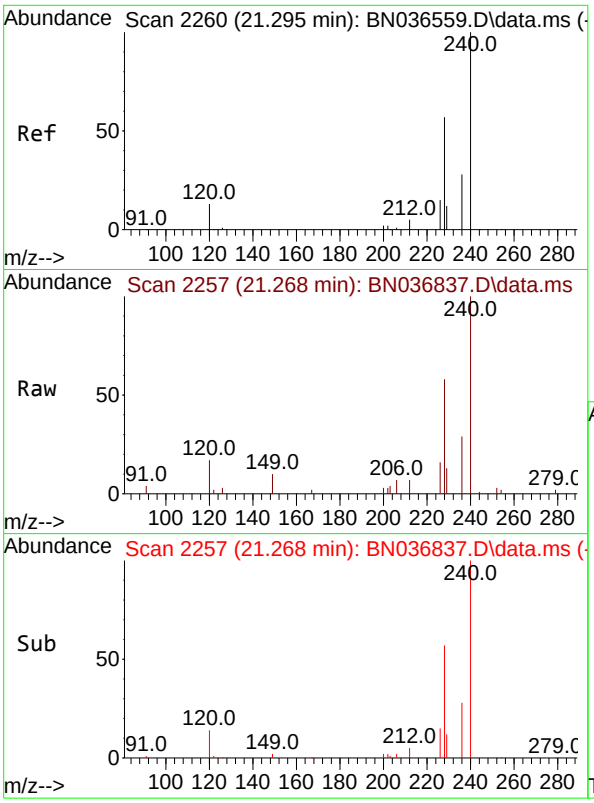


#28
Fluoranthene
Concen: 0.439 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:202 Resp: 10677

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.0
203	17.0	13.5	20.3



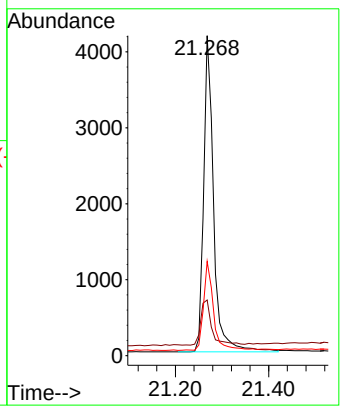


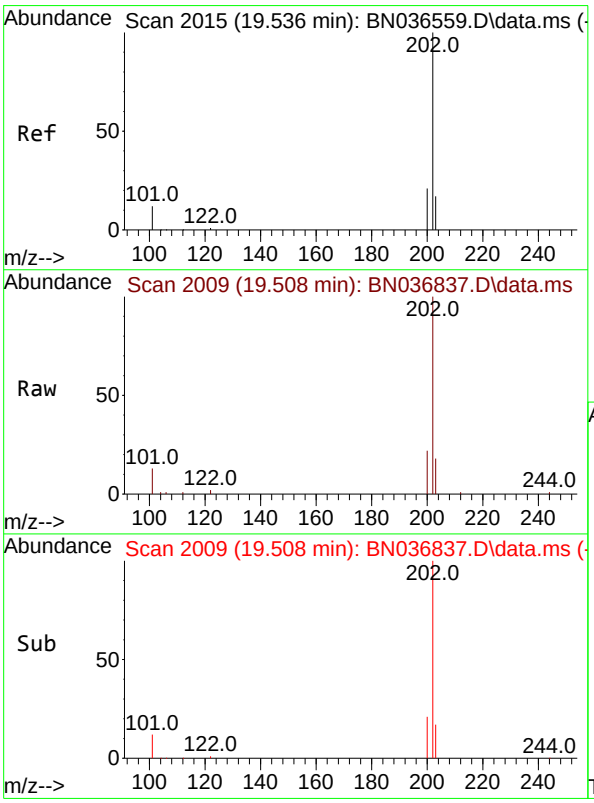
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6202

Ion	Ratio	Lower	Upper
240	100		
120	17.4	14.6	22.0
236	29.5	24.1	36.1

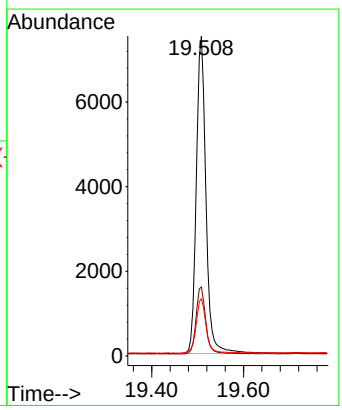


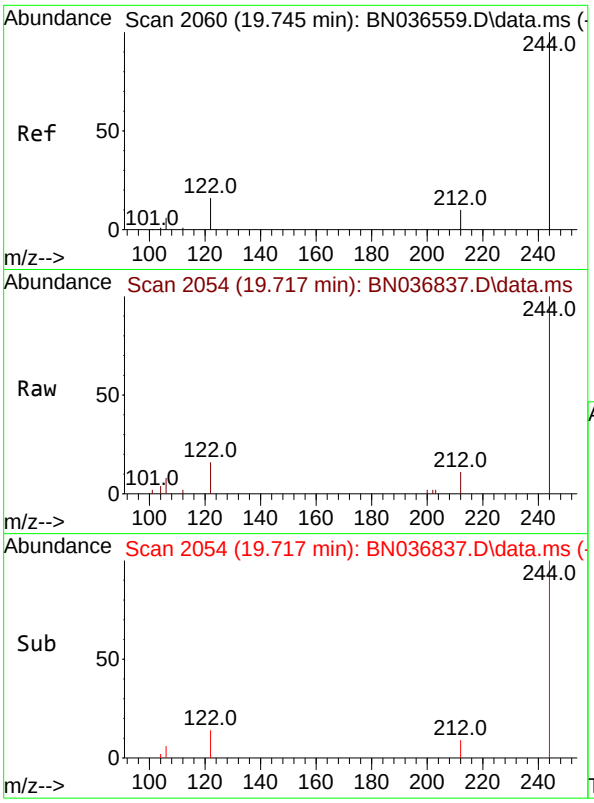


#30
Pyrene
Concen: 0.362 ng
RT: 19.508 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:202 Resp: 10985

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.8	14.1	21.1



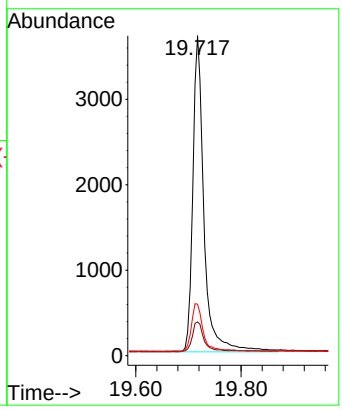


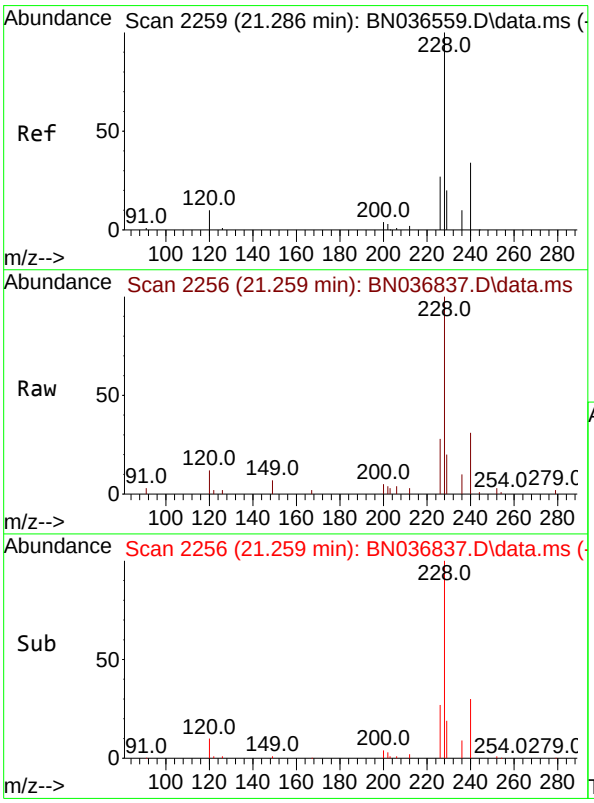
#31
Terphenyl-d14
Concen: 0.366 ng
RT: 19.717 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5434

Ion	Ratio	Lower	Upper
244	100		
212	10.6	9.6	14.4
122	16.1	13.9	20.9

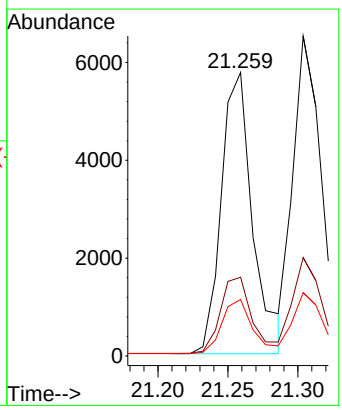


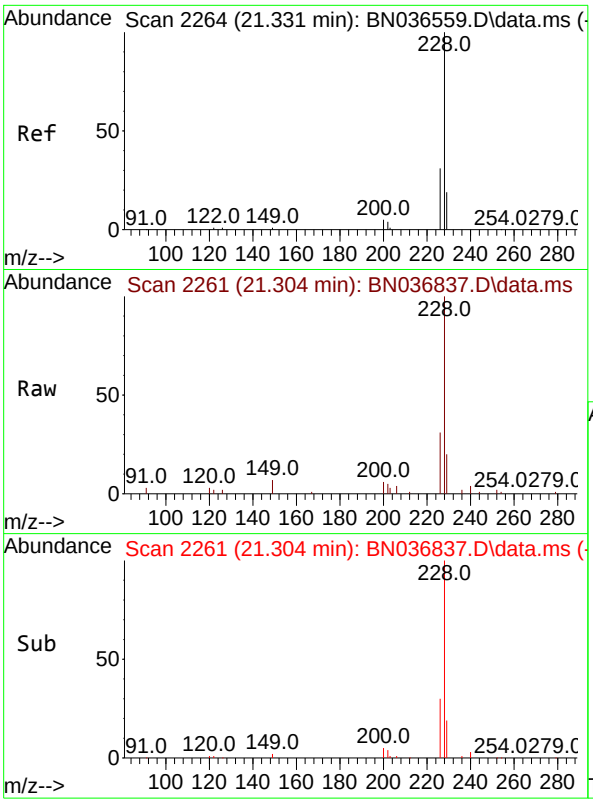


#32
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.259 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:228 Resp: 8968

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	19.9	16.6	25.0



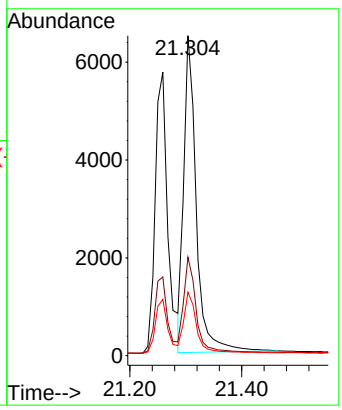


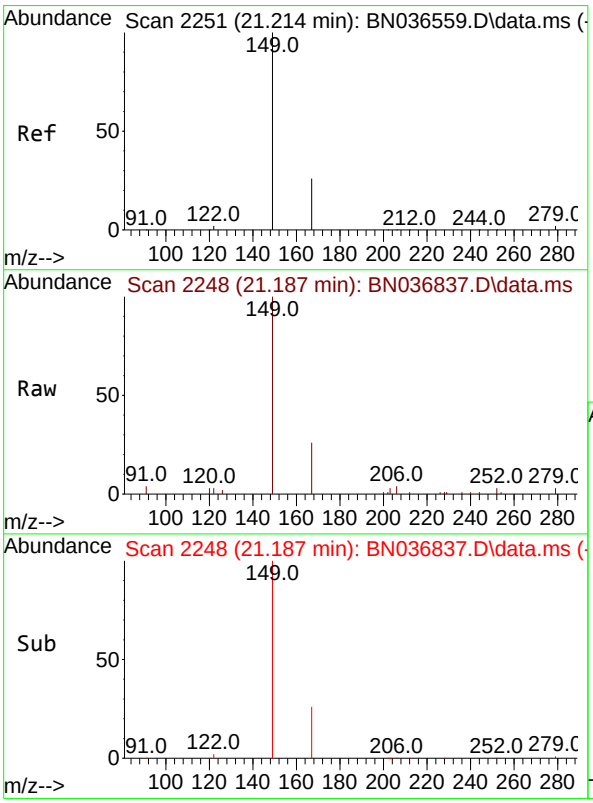
#33
Chrysene
Concen: 0.428 ng
RT: 21.304 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10083

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	19.8	15.8	23.8

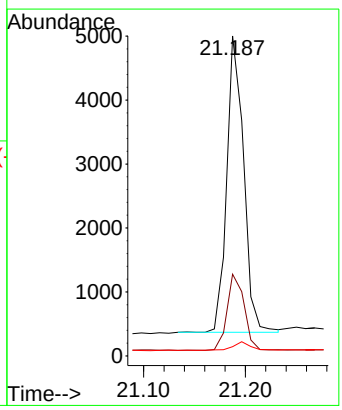


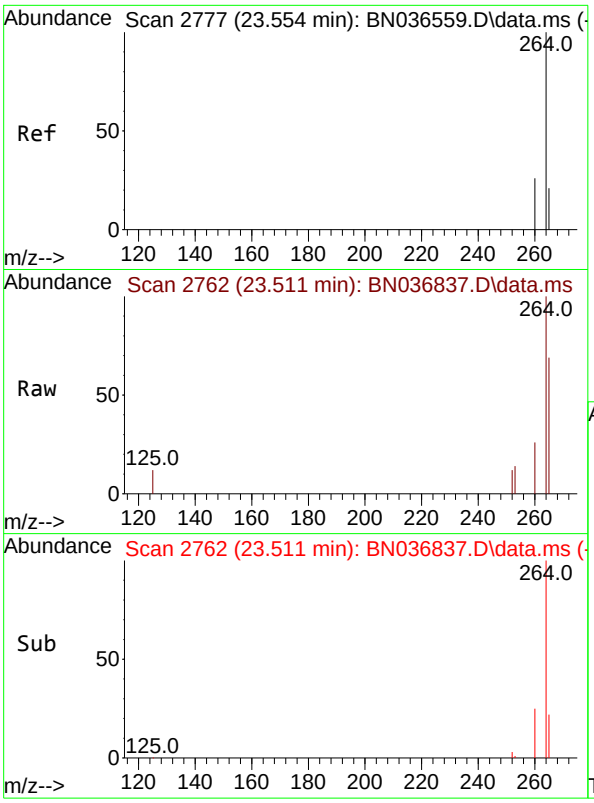


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.347 ng
RT: 21.187 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:149 Resp: 5324

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.7	31.1
279	3.0	3.6	5.4#



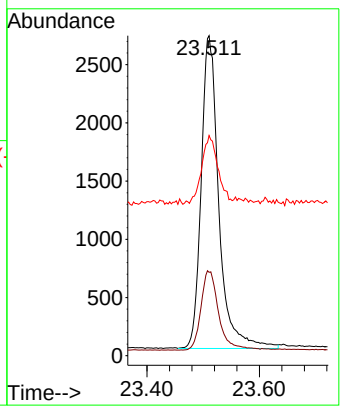


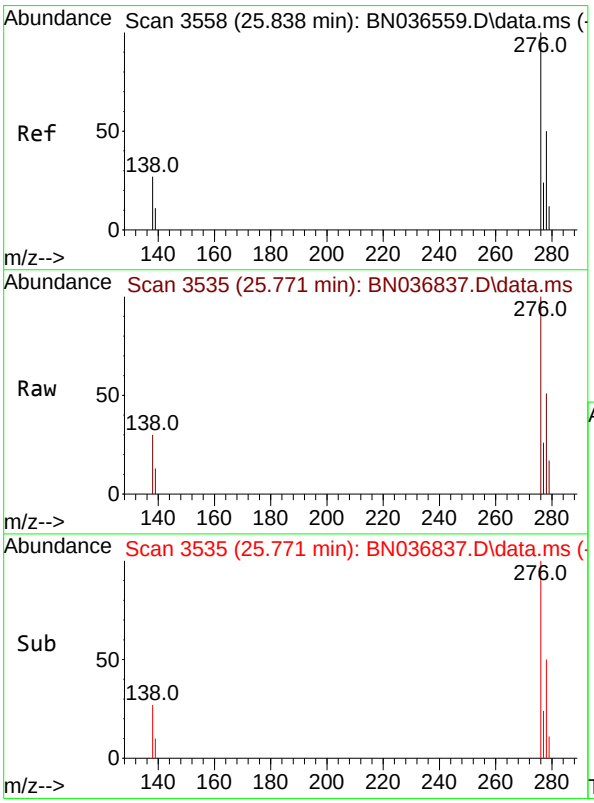
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.511 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5846

Ion	Ratio	Lower	Upper
264	100		
260	26.0	22.6	33.8
265	68.8	88.1	132.1#

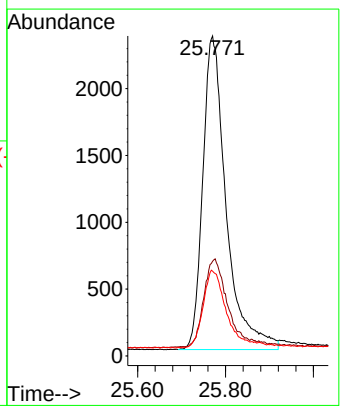


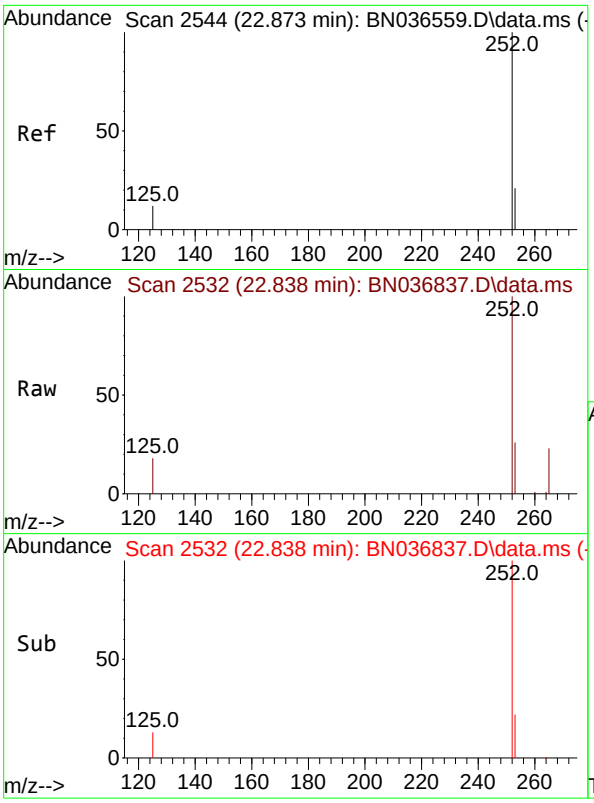


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 25.771 min Scan# 3535
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:276 Resp: 8691

Ion	Ratio	Lower	Upper
276	100		
138	27.6	23.4	35.2
277	24.5	20.0	30.0



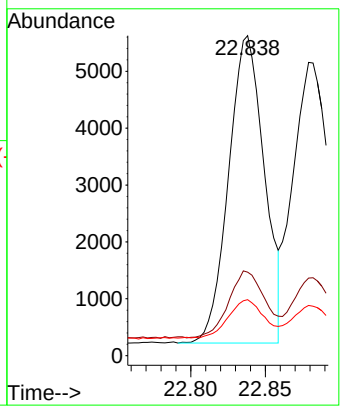


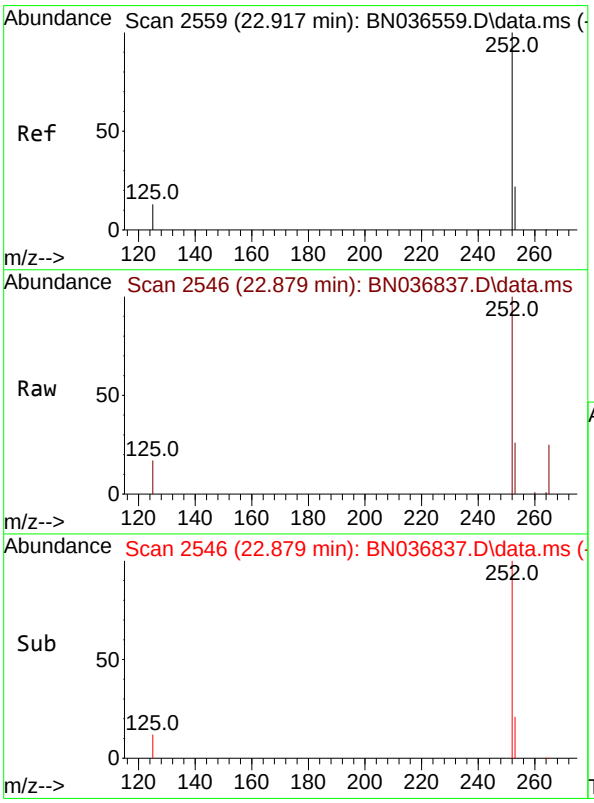
#37
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 22.838 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9008

Ion	Ratio	Lower	Upper
252	100		
253	26.1	23.9	35.9
125	17.5	17.4	26.2

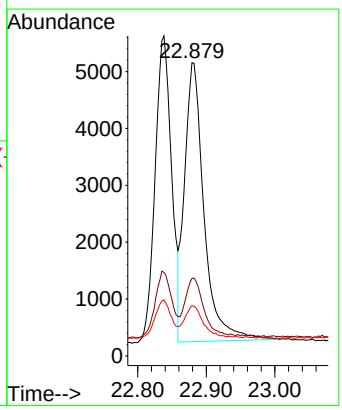


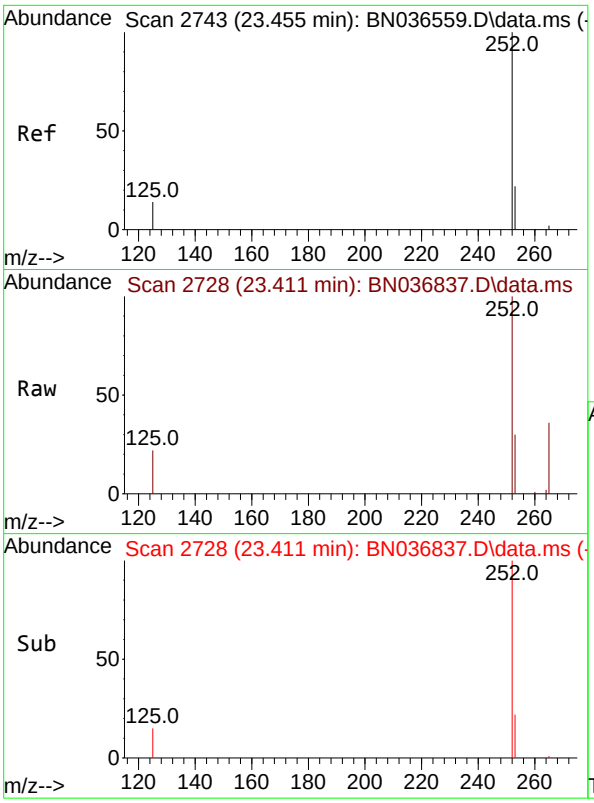


#38
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.879 min Scan# 2546
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:252 Resp: 9694

Ion	Ratio	Lower	Upper
252	100		
253	26.5	24.6	36.8
125	17.1	17.8	26.8#



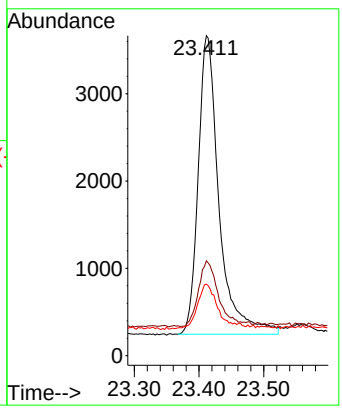


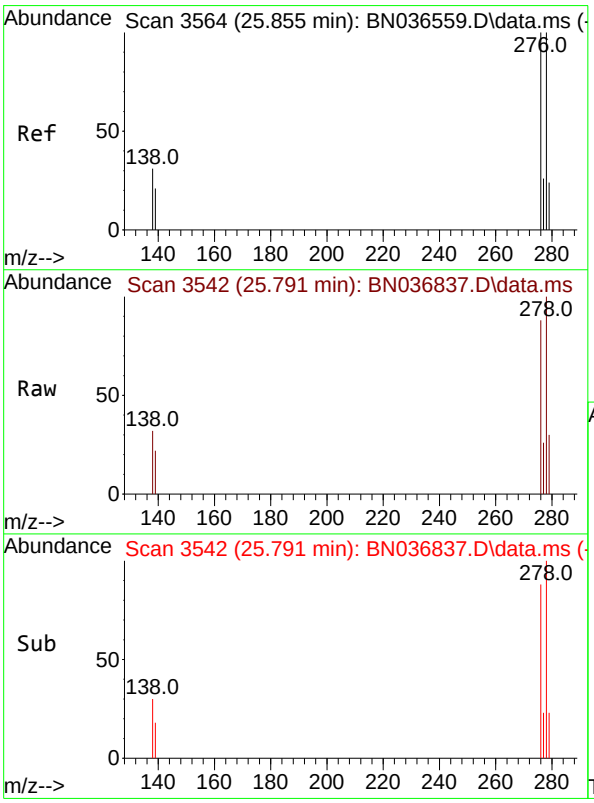
#39
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.411 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7658

Ion	Ratio	Lower	Upper
252	100		
253	29.6	27.8	41.8
125	22.3	22.7	34.1#

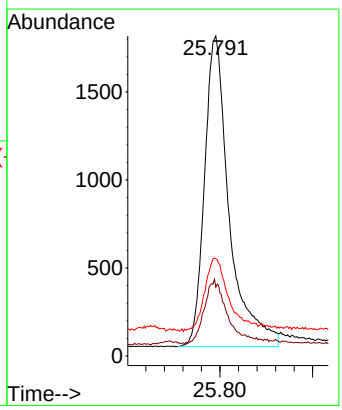


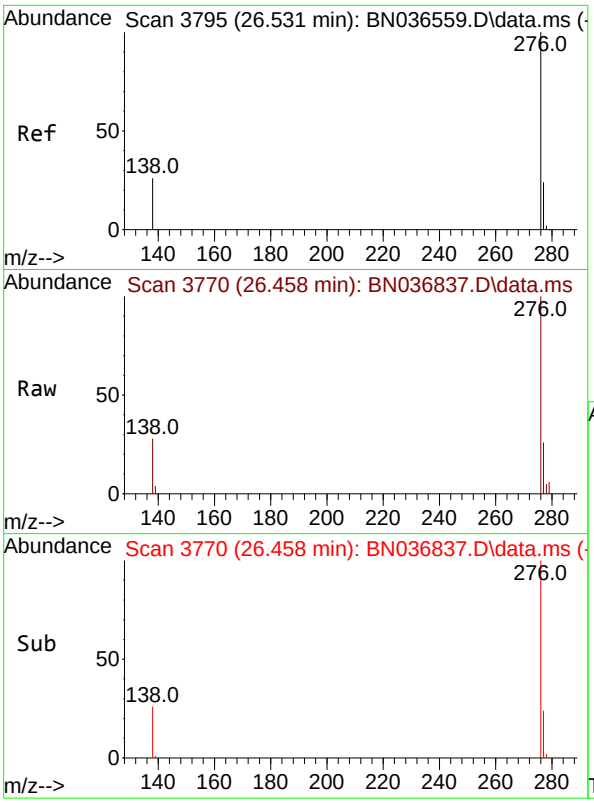


#40
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 25.791 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Tgt Ion:278 Resp: 6556

Ion	Ratio	Lower	Upper
278	100		
139	21.5	20.8	31.2
279	30.4	28.8	43.2





#41
Benzo(g,h,i)perylene
Concen: 0.420 ng
RT: 26.458 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036837.D
Acq: 04 Apr 2025 13:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7891

Ion	Ratio	Lower	Upper
276	100		
277	25.9	22.2	33.4
138	27.7	24.1	36.1