Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036853.D
Acq On : 07 Apr 2025 14:54
Operator : RC/JU
Sample : PB167475BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Quant Time: Apr 07 15:15:40 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	2470	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	6168	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	3444	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	7012	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	5617	0.400	ng	0.00
35) Perylene-d12	23.516	264	4951	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2353	0.409	ng	0.00
5) Phenol-d6	6.865	99	2815	0.396	ng	0.00
8) Nitrobenzene-d5	8.843	82	2099	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	12.070	152	4283	0.467	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	515	0.330	ng	0.00
15) 2-Fluorobiphenyl	12.958	172	6803	0.340	ng	0.00
27) Fluoranthene-d10	19.113	212	6408	0.357	ng	0.00
31) Terphenyl-d14	19.722	244	4448	0.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	852	0.311	ng	# 19
3) n-Nitrosodimethylamine	3.528	42	2060	0.372	ng	95
6) bis(2-Chloroethyl)ether	7.118	93	2699	0.367	ng	99
9) Naphthalene	10.519	128	6729	0.371	ng	99
10) Hexachlorobutadiene	10.808	225	1456	0.341	ng	# 97
12) 2-Methylnaphthalene	12.146	142	4261	0.369	ng	99
16) Acenaphthylene	14.045	152	6403	0.394	ng	99
17) Acenaphthene	14.398	154	4160	0.391	ng	99
18) Fluorene	15.382	166	5479	0.381	ng	100
20) 4,6-Dinitro-2-methylph...	15.478	198	391	0.364	ng	90
21) 4-Bromophenyl-phenylether	16.280	248	1565	0.356	ng	88
22) Hexachlorobenzene	16.391	284	1875	0.354	ng	98
23) Atrazine	16.553	200	1388	0.394	ng	97
24) Pentachlorophenol	16.739	266	1419	0.587	ng	100
25) Phenanthrene	17.124	178	8470	0.403	ng	99
26) Anthracene	17.210	178	7654	0.403	ng	100
28) Fluoranthene	19.146	202	9471	0.401	ng	100
30) Pyrene	19.508	202	9764	0.356	ng	99
32) Benzo(a)anthracene	21.259	228	7735	0.396	ng	99
33) Chrysene	21.313	228	8835	0.414	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	4505	0.324	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.779	276	7577	0.424	ng	99
37) Benzo(b)fluoranthene	22.841	252	7224	0.401	ng	96
38) Benzo(k)fluoranthene	22.885	252	7900	0.418	ng	94
39) Benzo(a)pyrene	23.417	252	6701	0.442	ng	92
40) Dibenzo(a,h)anthracene	25.797	278	5830	0.419	ng	96
41) Benzo(g,h,i)perylene	26.466	276	6259	0.393	ng	98

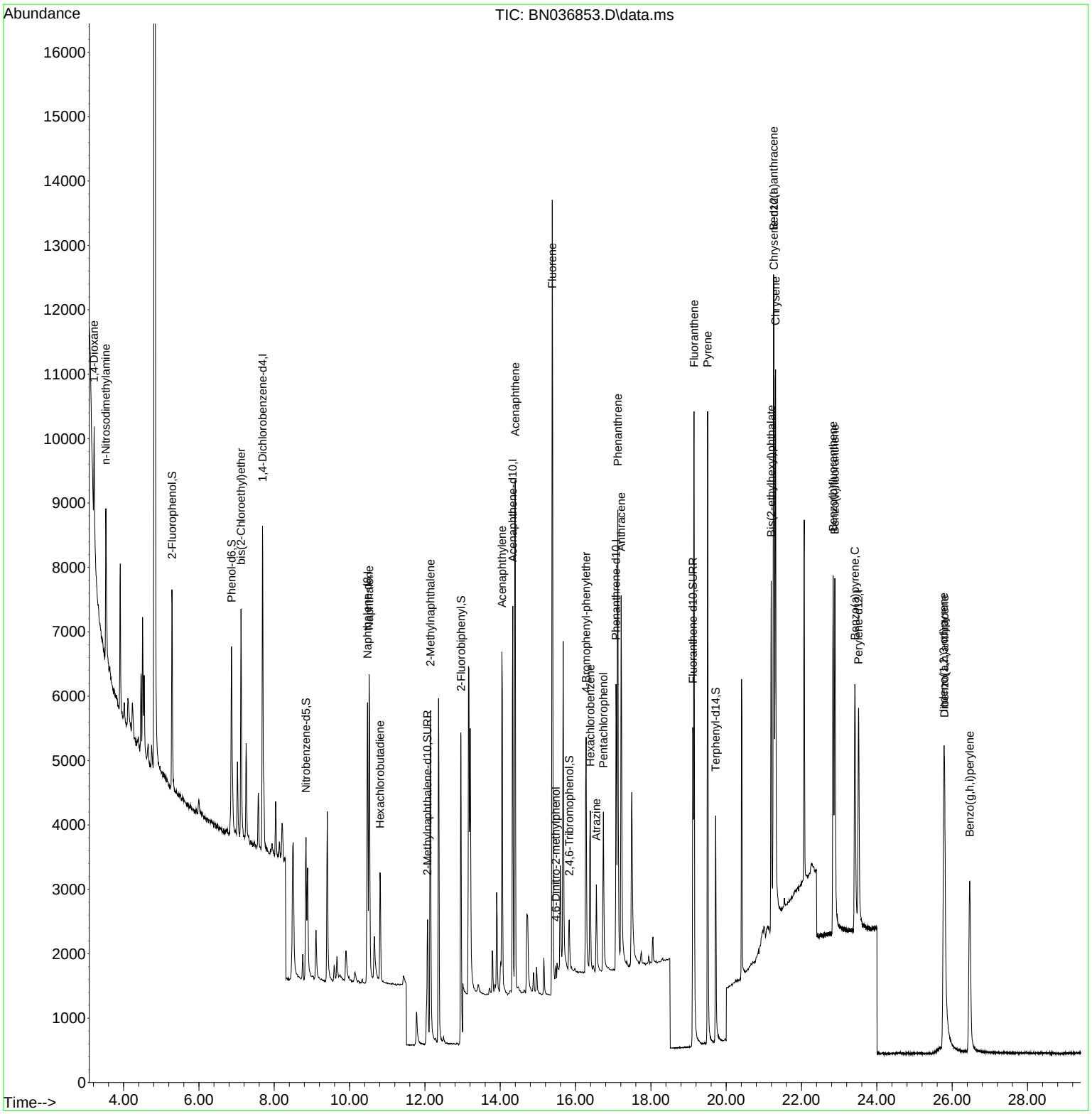
(#) = qualifier out of range (m) = manual integration (+) = signals summed

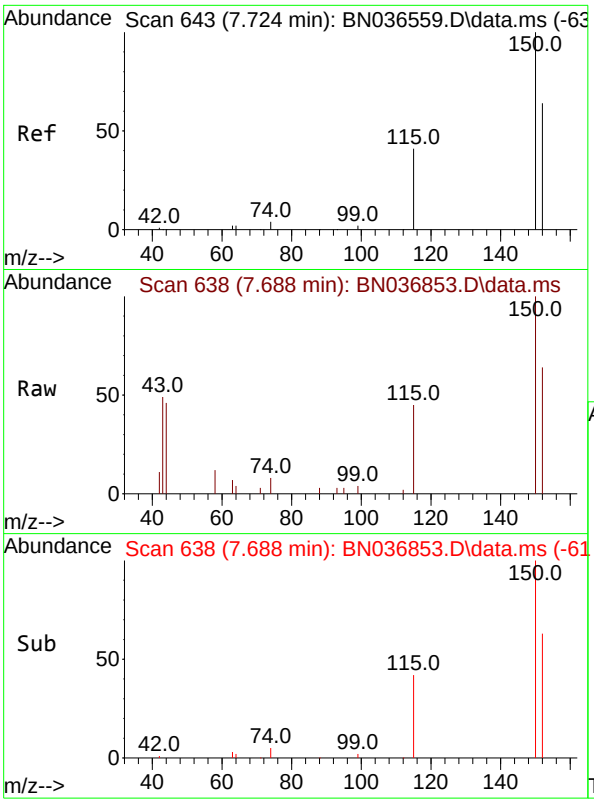
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036853.D
Acq On : 07 Apr 2025 14:54
Operator : RC/JU
Sample : PB167475BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Quant Time: Apr 07 15:15:40 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



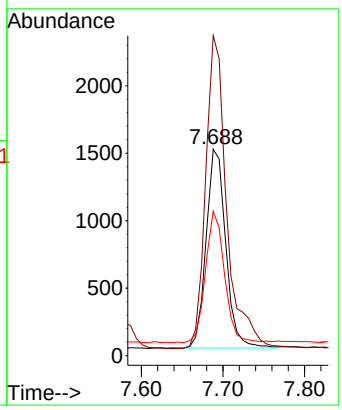


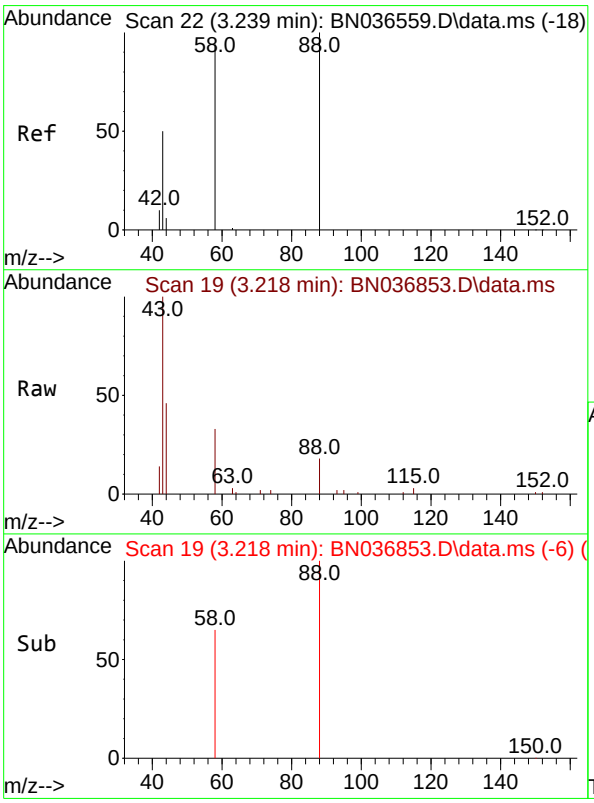
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:152 Resp: 2470

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.7	185.5
115	70.0	54.3	81.5

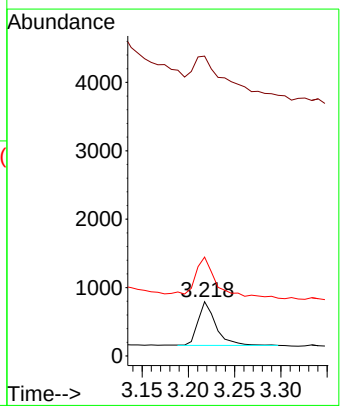


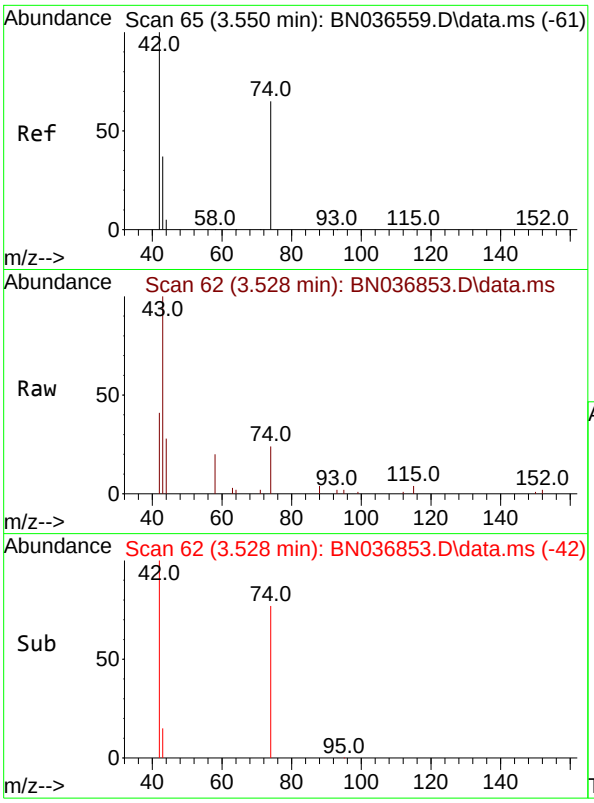


#2
1,4-Dioxane
Concen: 0.311 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion: 88 Resp: 852

Ion	Ratio	Lower	Upper
88	100		
43	154.3	37.8	56.8#
58	117.4	67.4	101.2#



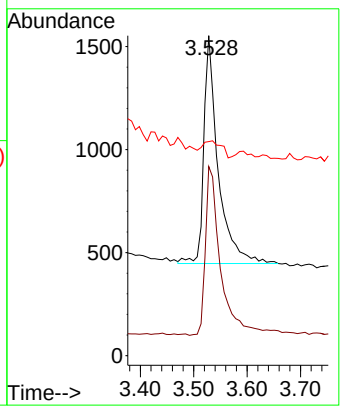


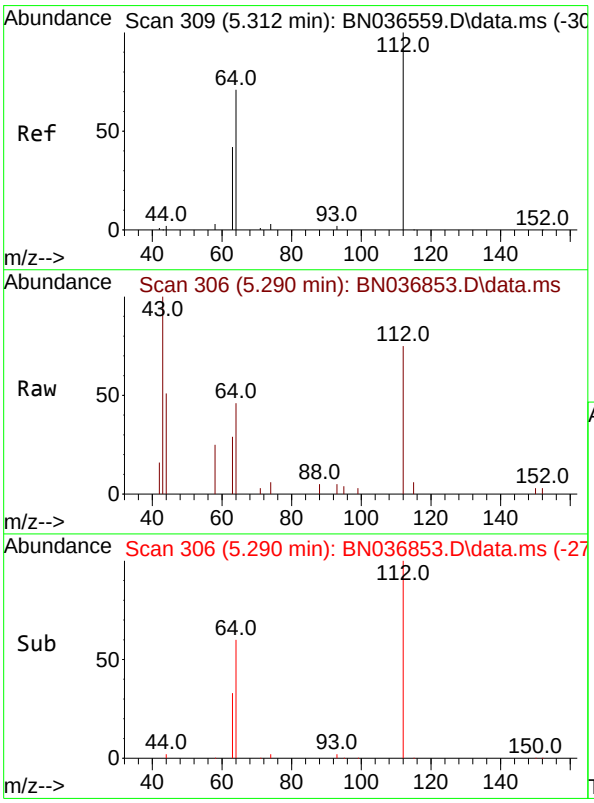
#3
n-Nitrosodimethylamine
Concen: 0.372 ng
RT: 3.528 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion: 42 Resp: 2060

Ion	Ratio	Lower	Upper
42	100		
74	80.0	60.6	90.8
44	8.8	6.3	9.5

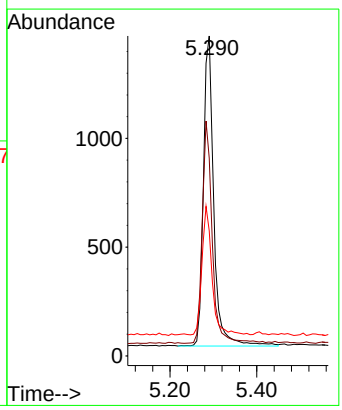


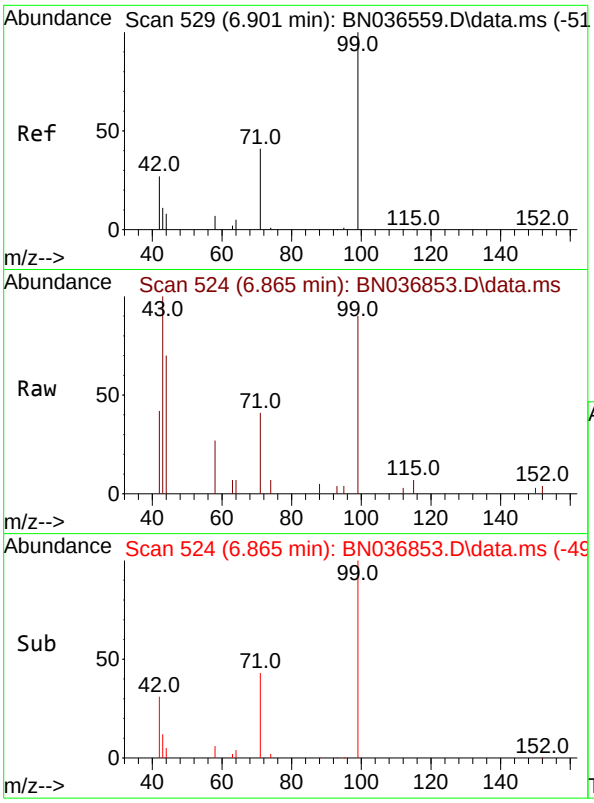


#4
2-Fluorophenol
Concen: 0.409 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:112 Resp: 2353

Ion	Ratio	Lower	Upper
112	100		
64	69.6	53.1	79.7
63	40.2	31.8	47.8



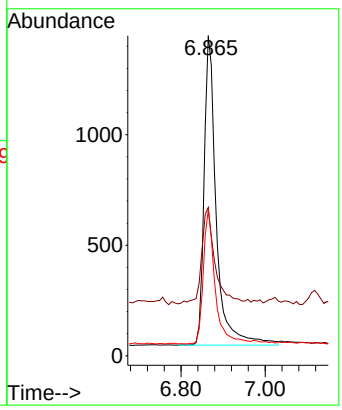


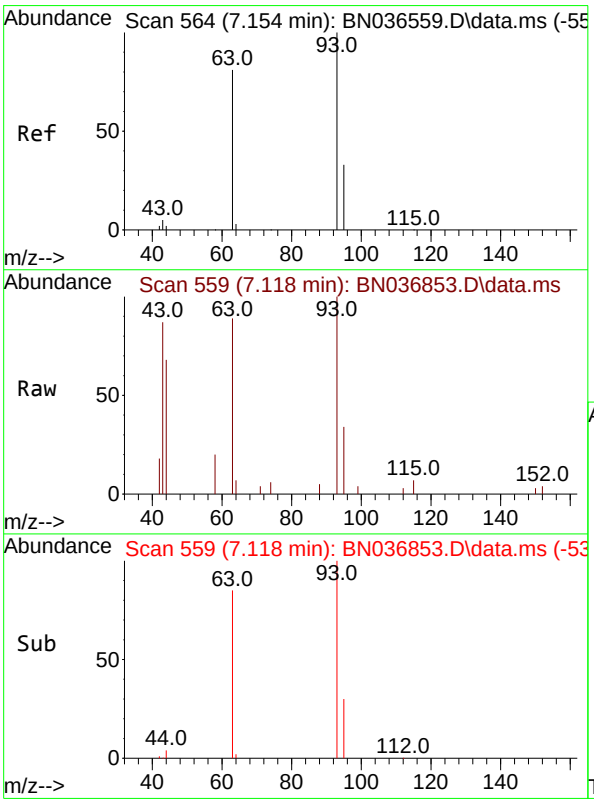
#5
Phenol-d6
Concen: 0.396 ng
RT: 6.865 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion: 99 Resp: 2815

Ion	Ratio	Lower	Upper
99	100		
42	34.1	26.5	39.7
71	41.6	34.1	51.1

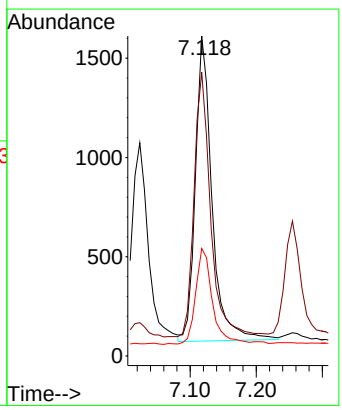


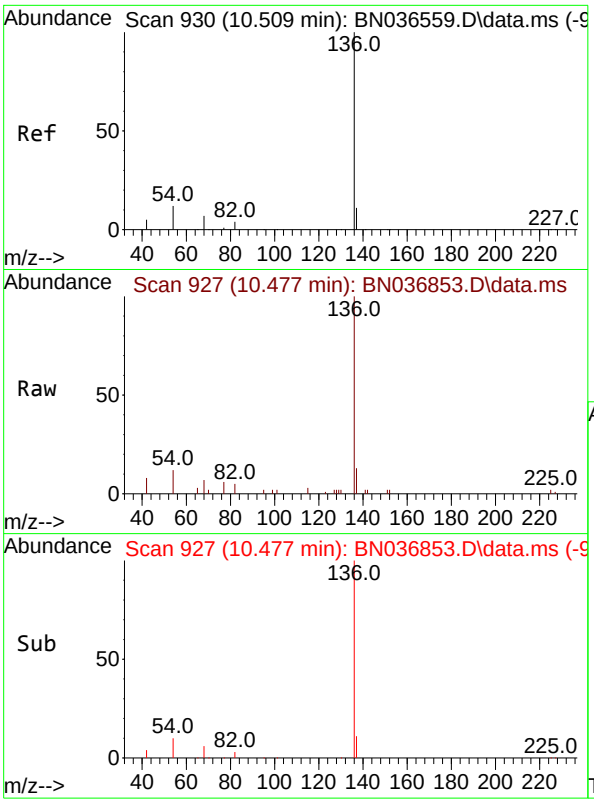


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.118 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion: 93 Resp: 2699

Ion	Ratio	Lower	Upper
93	100		
63	85.9	67.7	101.5
95	31.9	25.6	38.4



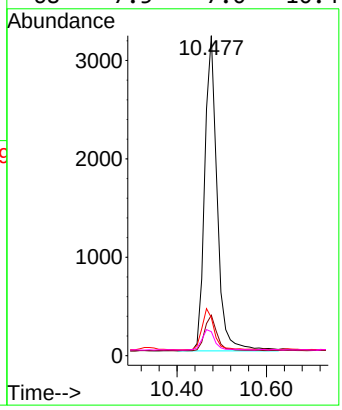


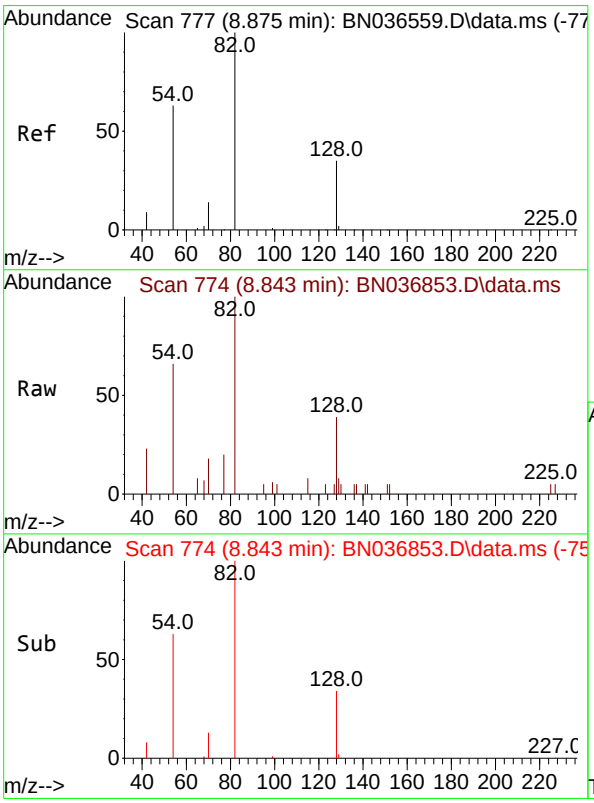
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:136 Resp: 6168

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.3	15.5
54	11.9	11.5	17.3
68	7.5	7.0	10.4

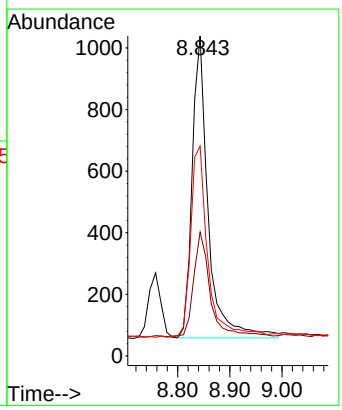


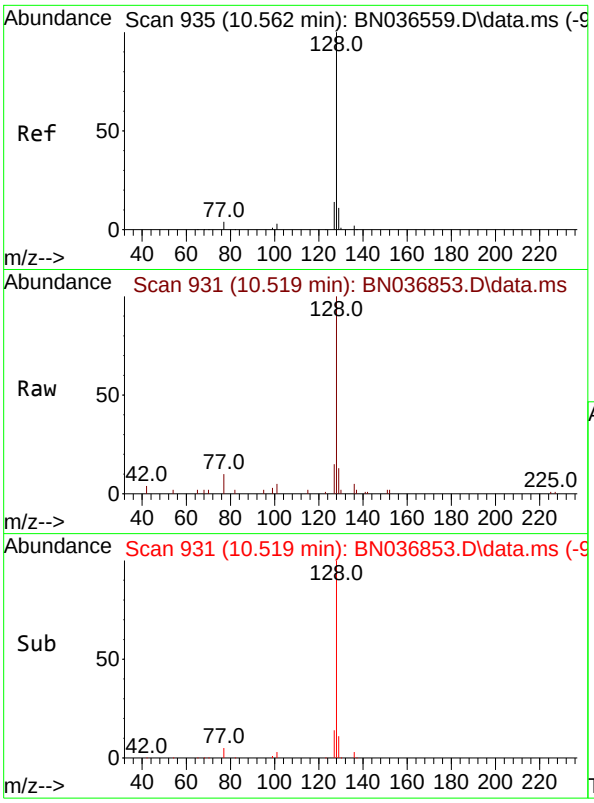


#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion: 82 Resp: 2099

Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.6	45.8
54	65.5	52.2	78.4



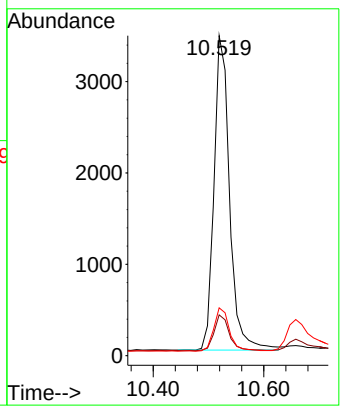


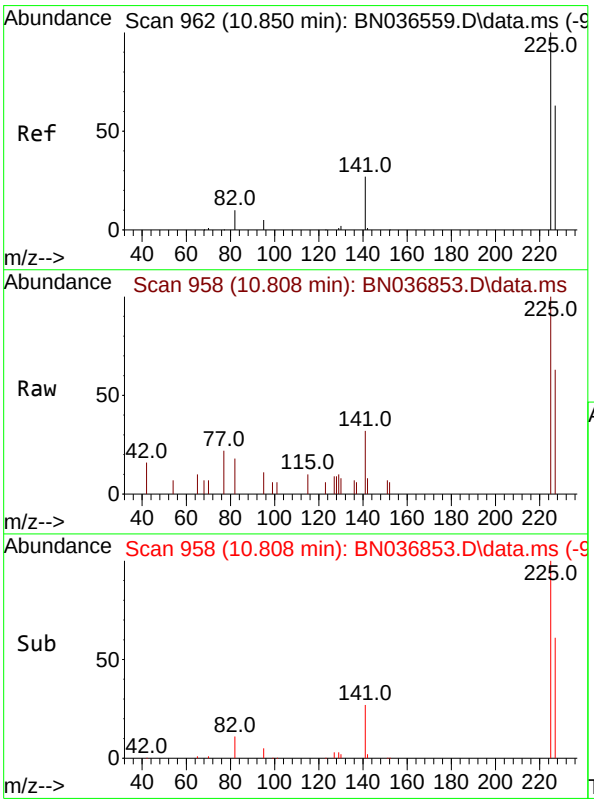
#9
Naphthalene
Concen: 0.371 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:128 Resp: 6729

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.8	14.6
127	15.0	11.8	17.8

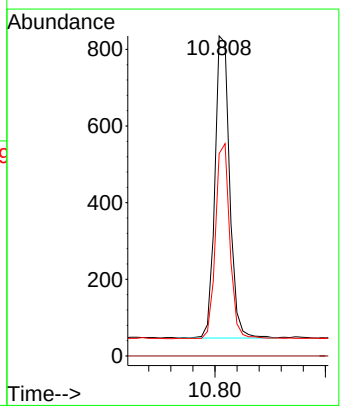


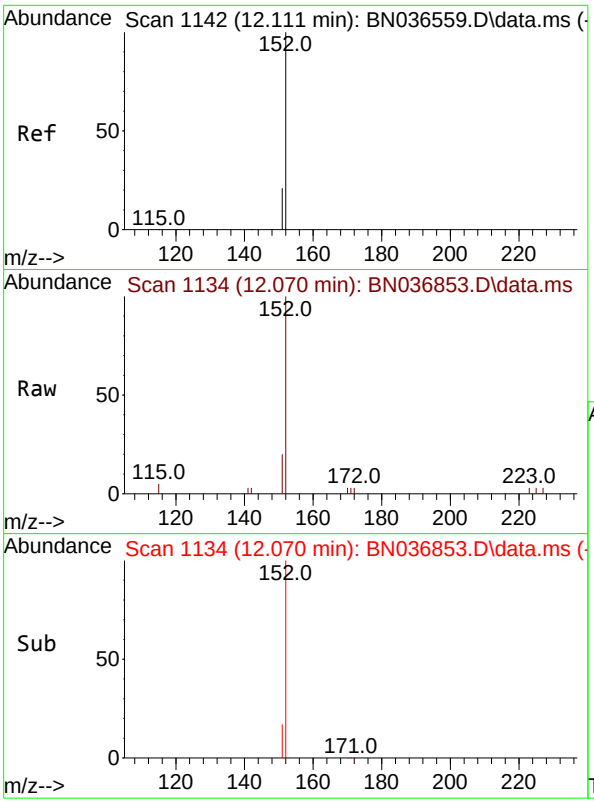


#10
Hexachlorobutadiene
Concen: 0.341 ng
RT: 10.808 min Scan# 958
Delta R.T. -0.011 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:225 Resp: 1456

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.3	51.8	77.8



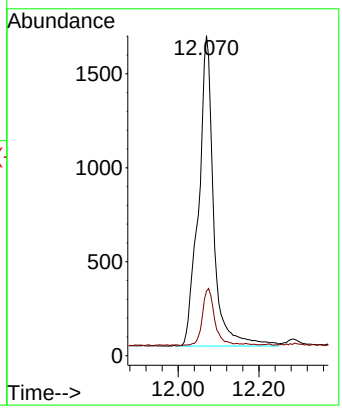


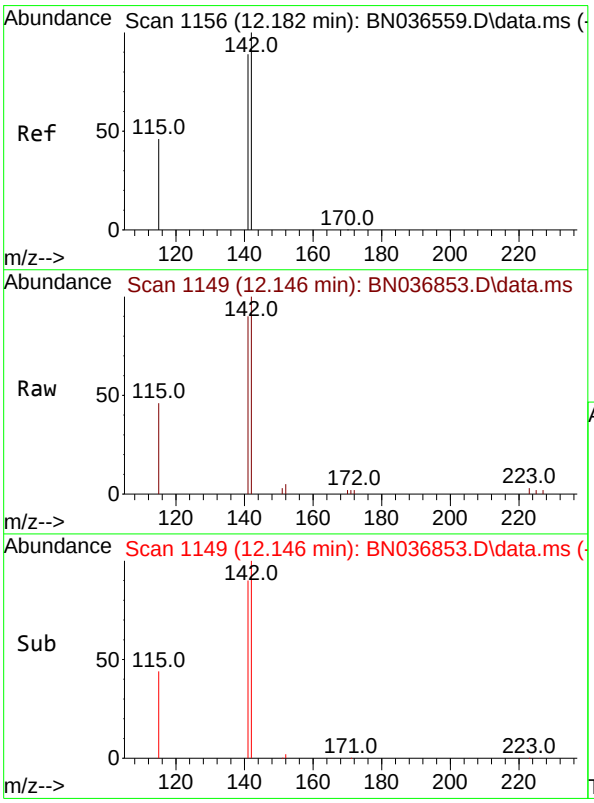
#11
2-Methylnaphthalene-d10
Concen: 0.467 ng
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:152 Resp: 4283

Ion	Ratio	Lower	Upper
152	100		
151	14.9	17.0	25.6#

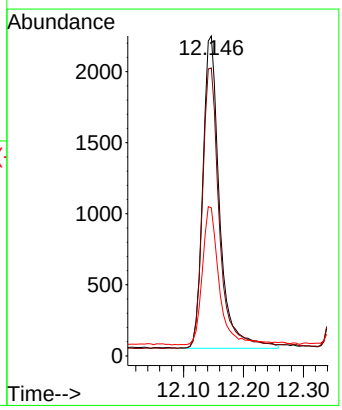


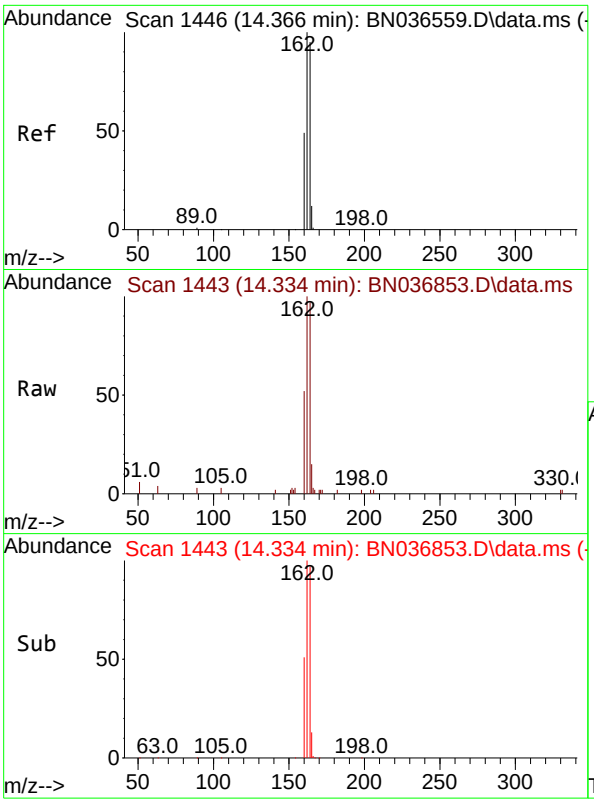


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.146 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:142 Resp: 4261

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.7	107.5
115	46.3	38.3	57.5



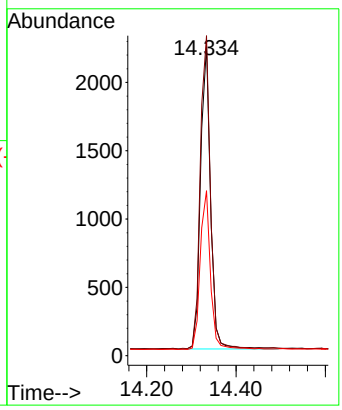


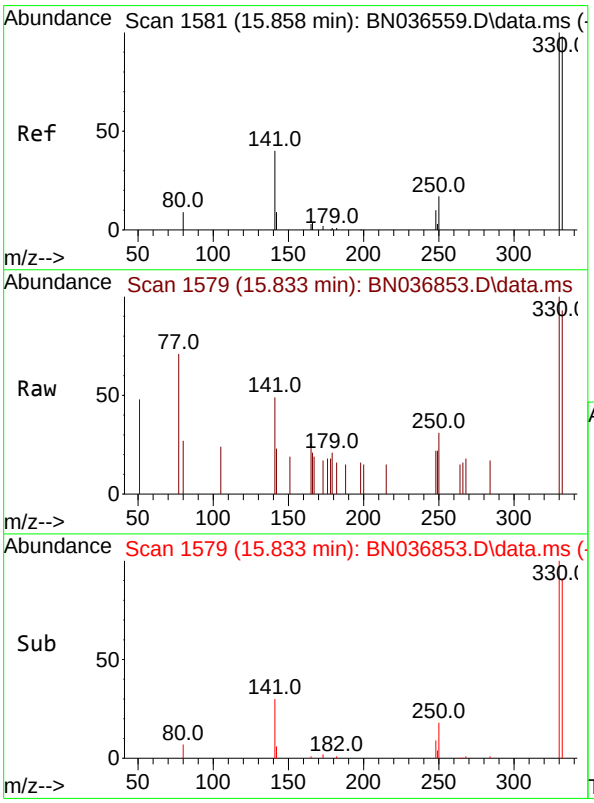
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:164 Resp: 3444

Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.2	126.2
160	53.2	42.2	63.2

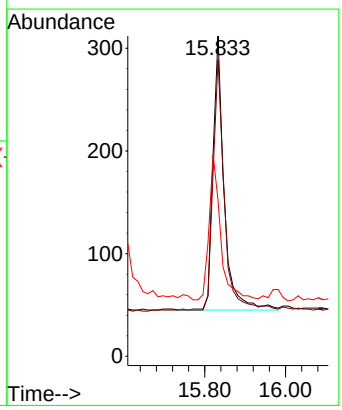


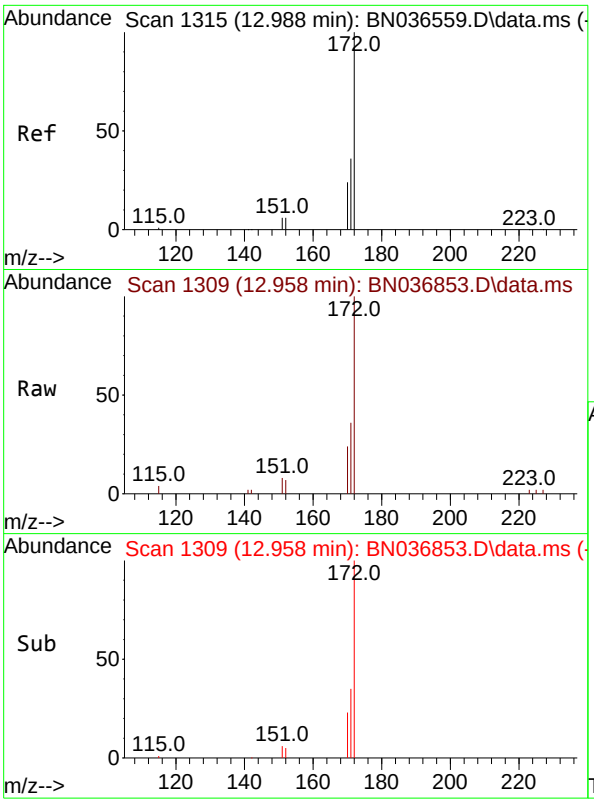


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:330 Resp: 515

Ion	Ratio	Lower	Upper
330	100		
332	91.5	75.2	112.8
141	54.2	43.4	65.2



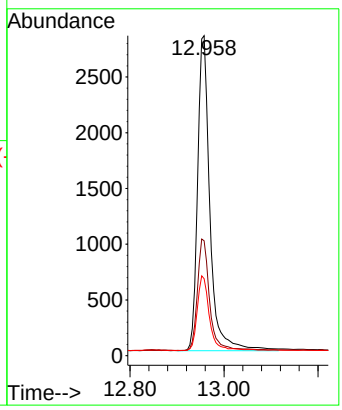


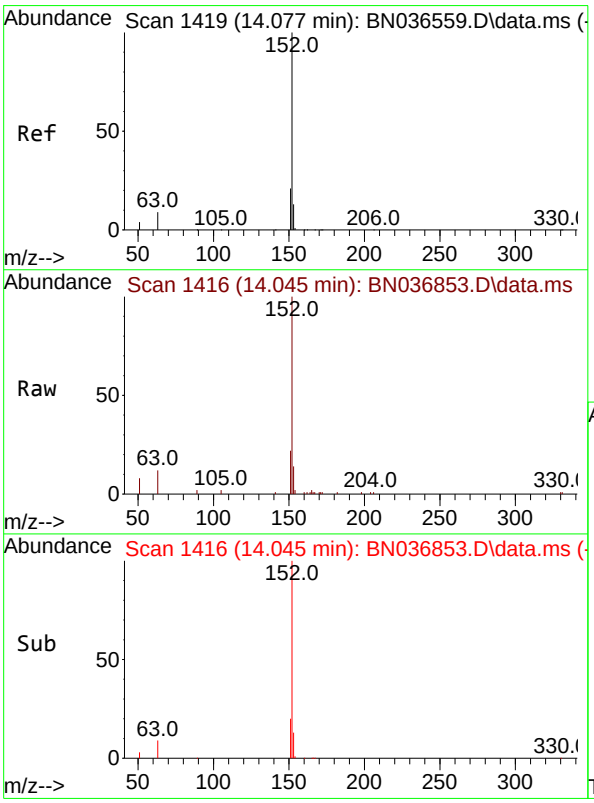
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.958 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:172 Resp: 6803

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	24.0	20.2	30.4

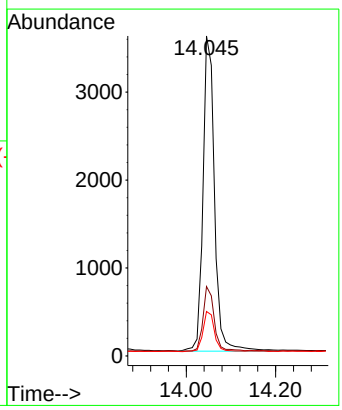


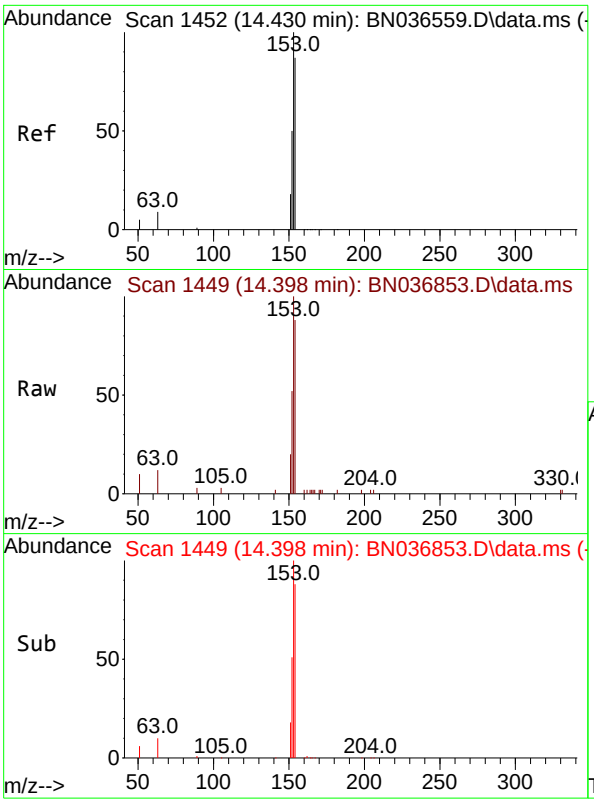


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.045 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:152 Resp: 6403

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	12.7	10.6	15.8



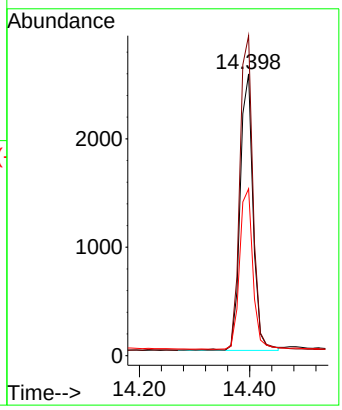


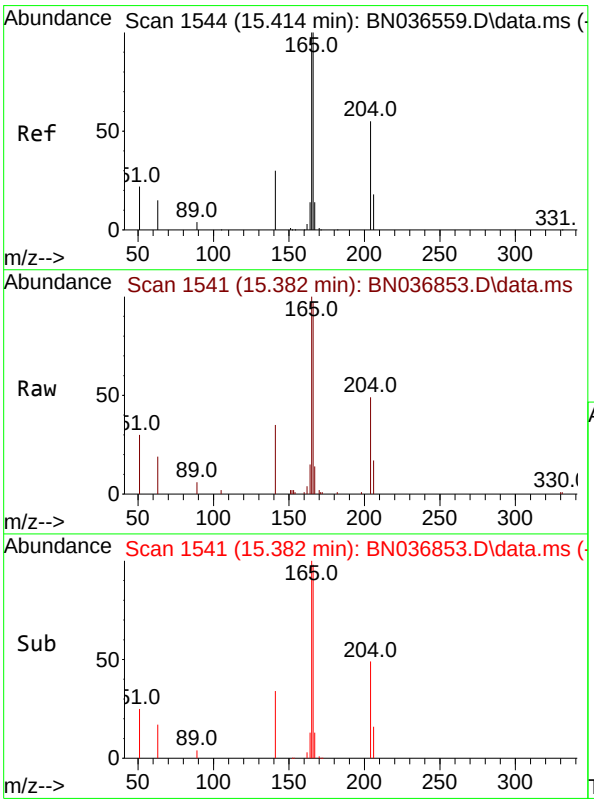
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.398 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:154 Resp: 4160

Ion	Ratio	Lower	Upper
154	100		
153	116.9	94.1	141.1
152	60.4	49.8	74.6

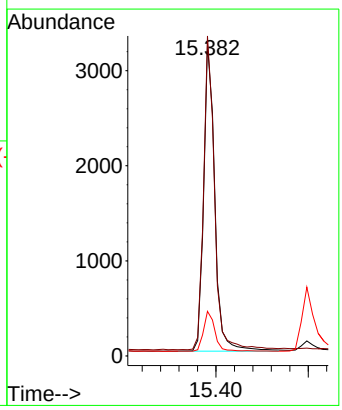


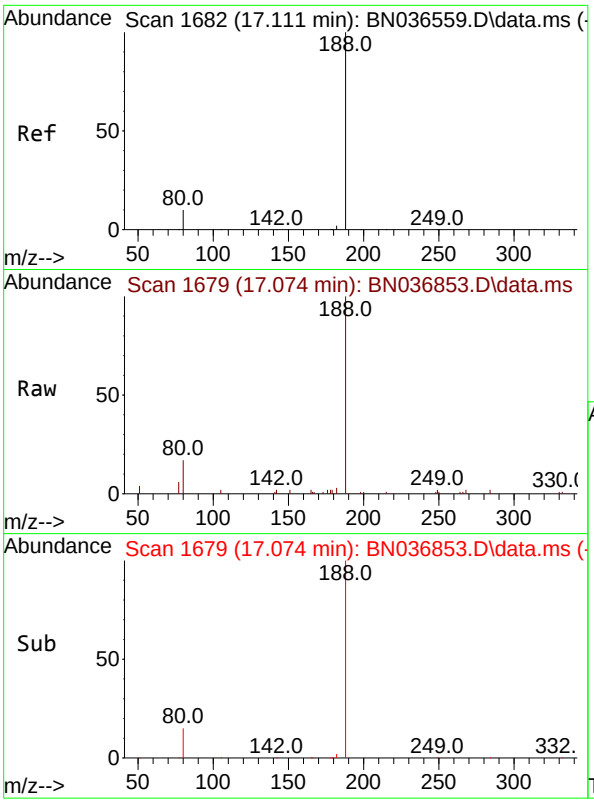


#18
Fluorene
Concen: 0.381 ng
RT: 15.382 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:166 Resp: 5479

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	12.8	10.6	15.8



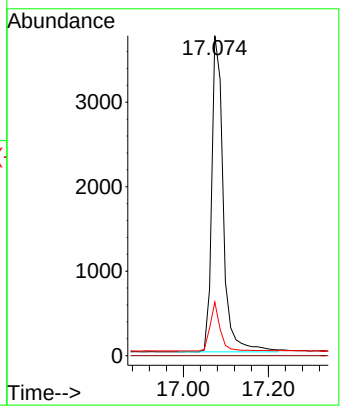


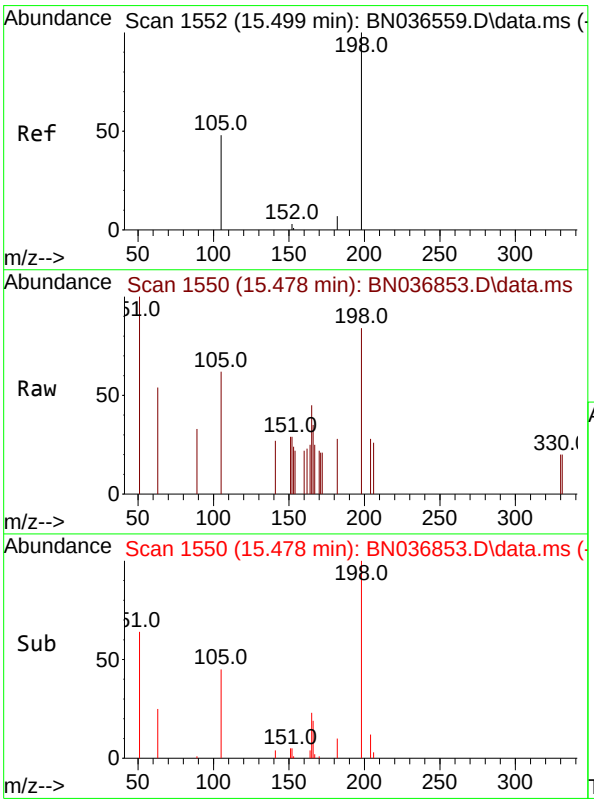
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:188 Resp: 7012

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.8	8.8	13.2#

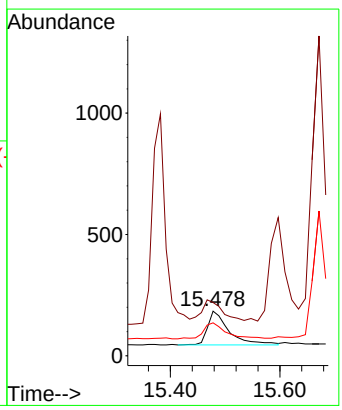


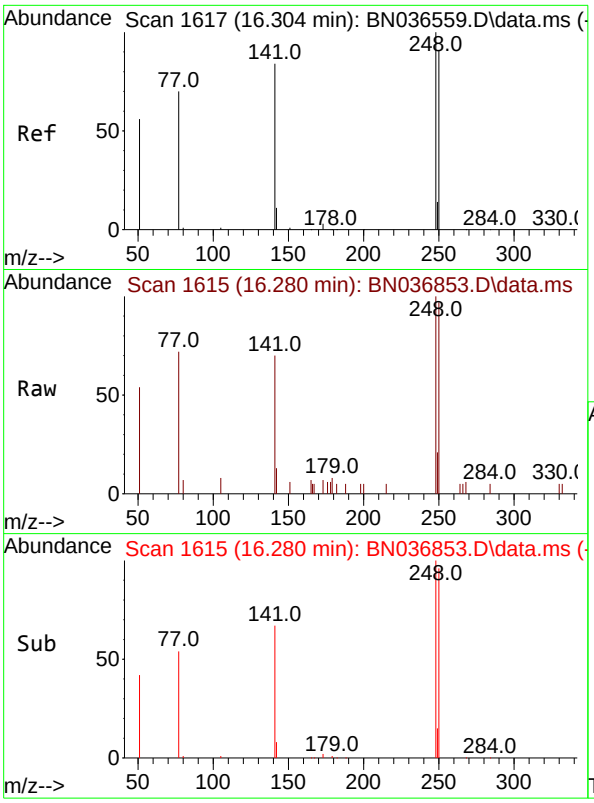


#20
4,6-Dinitro-2-methylphenol
Concen: 0.364 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:198 Resp: 391

Ion	Ratio	Lower	Upper
198	100		
51	119.6	107.9	161.9
105	73.9	56.2	84.2



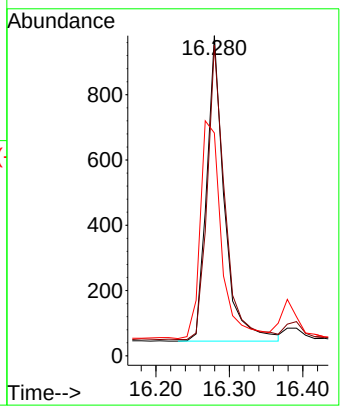


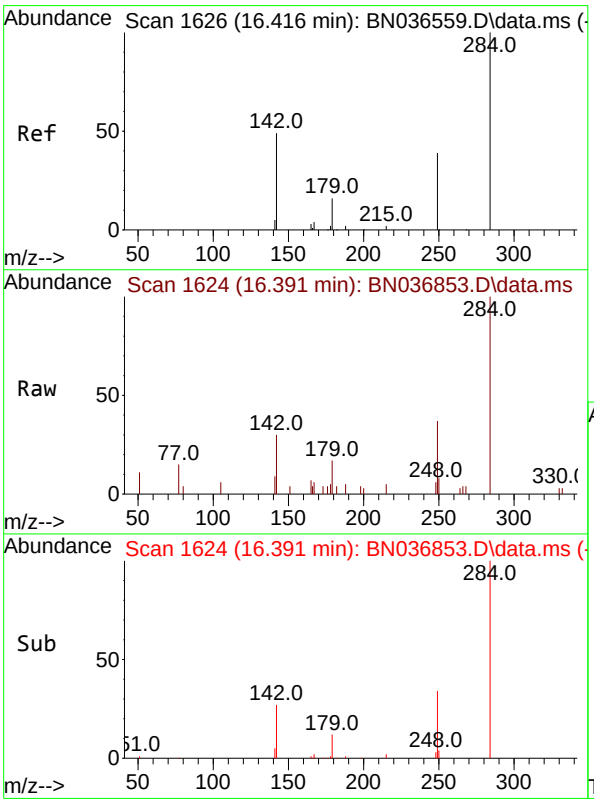
#21
4-Bromophenyl-phenylether
Concen: 0.356 ng
RT: 16.280 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:248 Resp: 1565

Ion	Ratio	Lower	Upper
248	100		
250	97.0	73.0	109.6
141	69.6	68.6	103.0

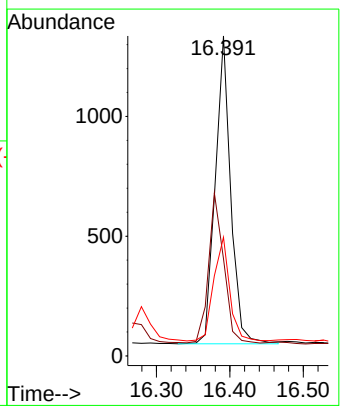


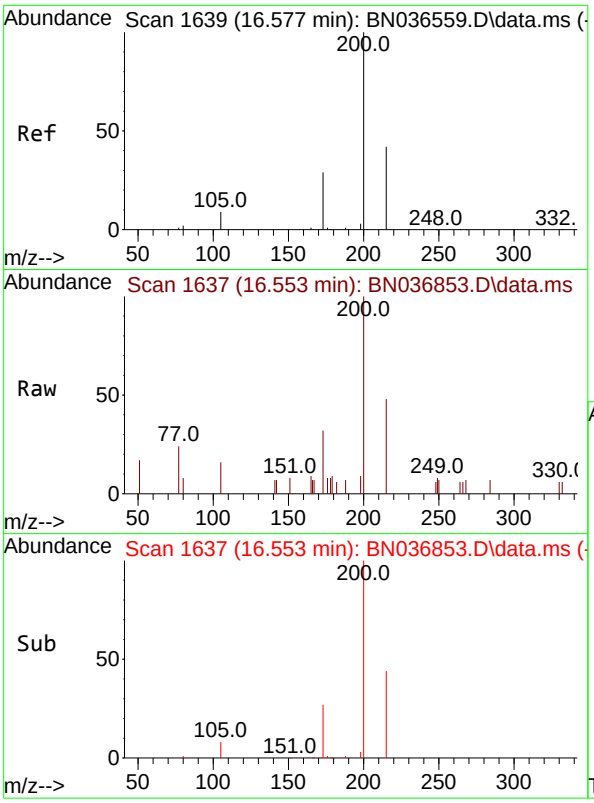


#22
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.391 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:284 Resp: 1875

Ion	Ratio	Lower	Upper
284	100		
142	47.9	37.0	55.4
249	35.4	28.1	42.1



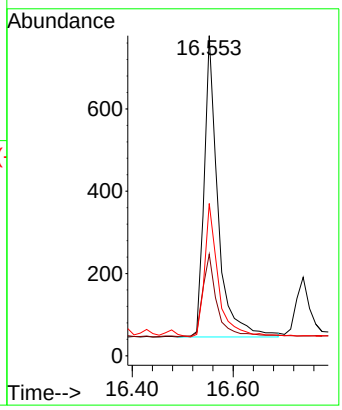


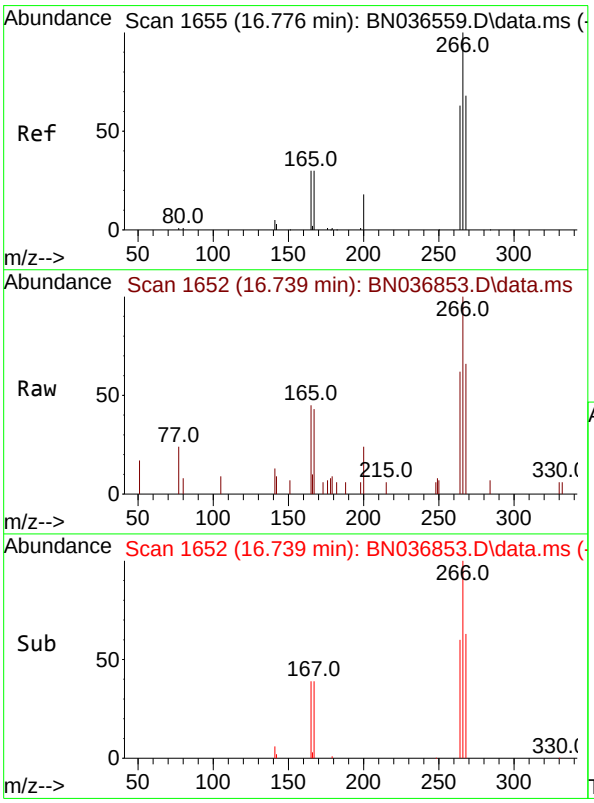
#23
Atrazine
Concen: 0.394 ng
RT: 16.553 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:200 Resp: 1388

Ion	Ratio	Lower	Upper
200	100		
173	31.7	27.3	40.9
215	47.6	36.8	55.2

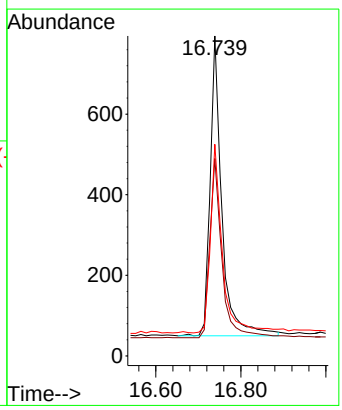


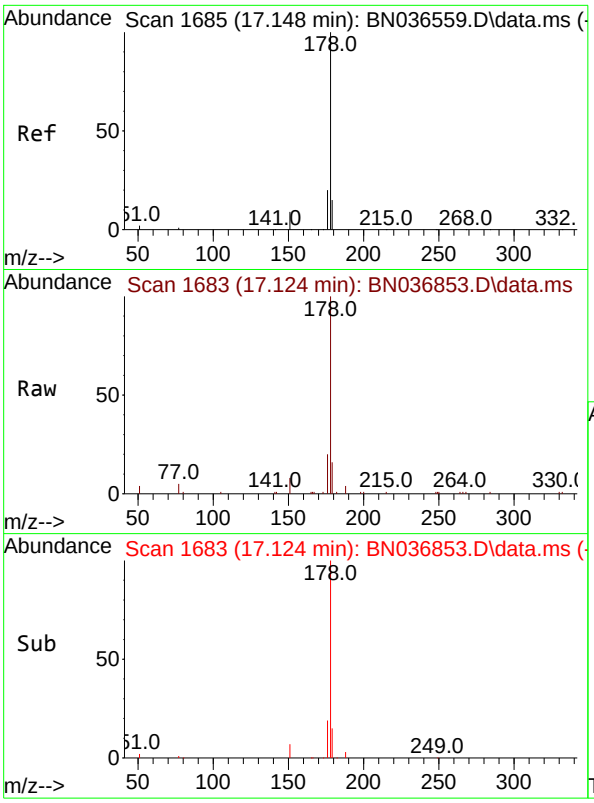


#24
Pentachlorophenol
Concen: 0.587 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:266 Resp: 1419

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.6	74.4
268	64.1	50.9	76.3



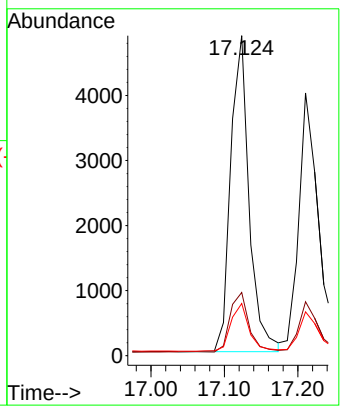


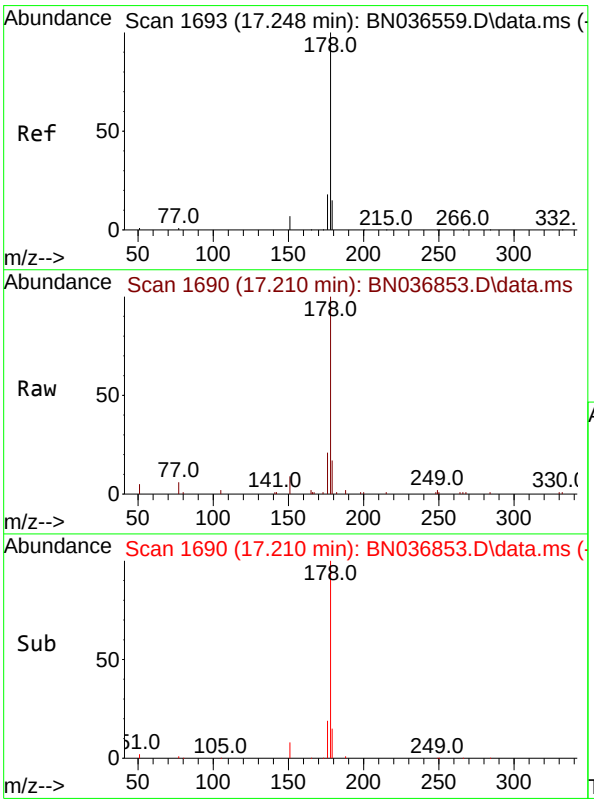
#25
Phenanthrene
Concen: 0.403 ng
RT: 17.124 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:178 Resp: 8470

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.1	12.2	18.4

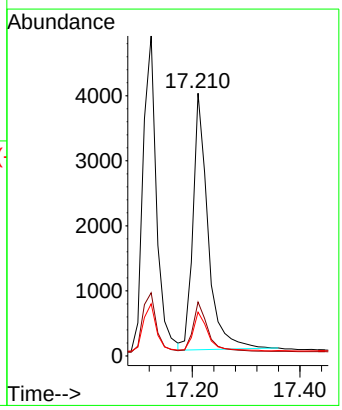


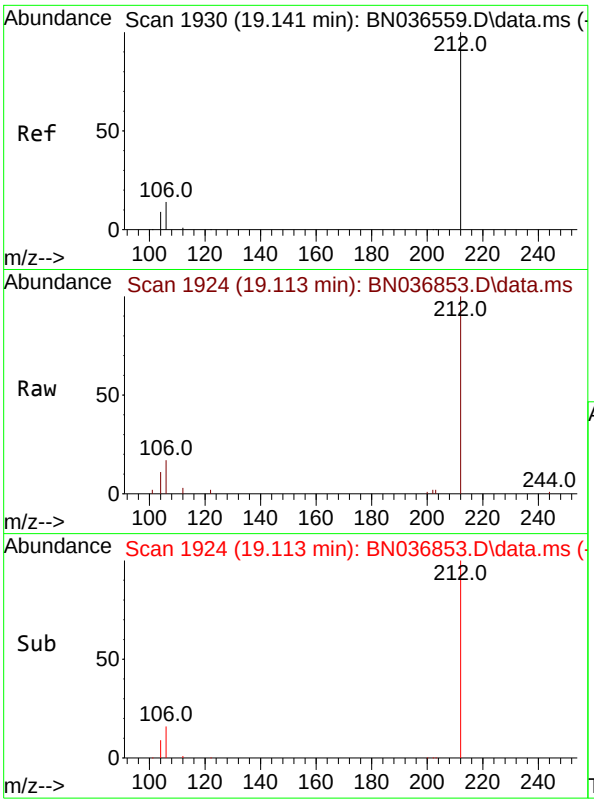


#26
Anthracene
Concen: 0.403 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:178 Resp: 7654

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	18.8



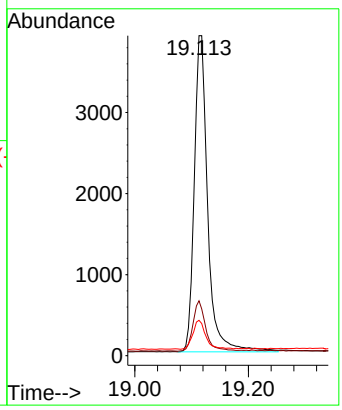


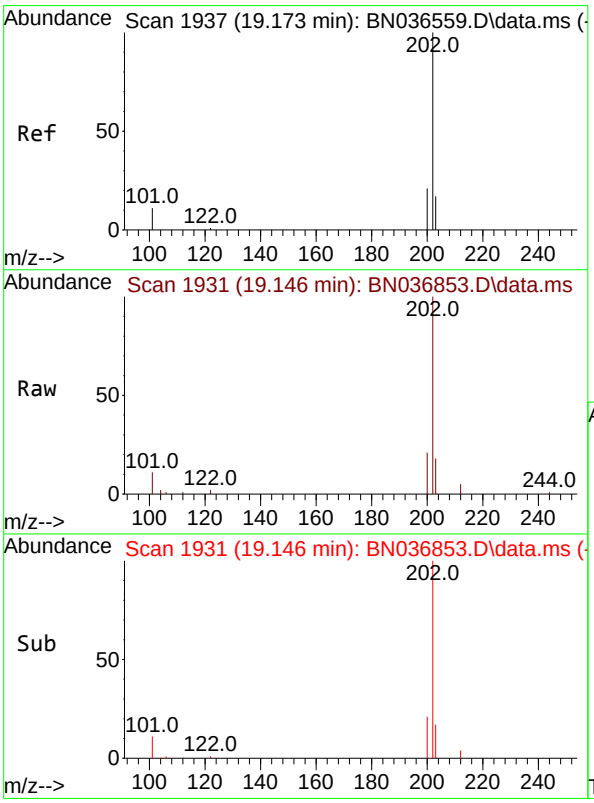
#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:212 Resp: 6408

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.8	17.6
104	8.9	7.3	10.9

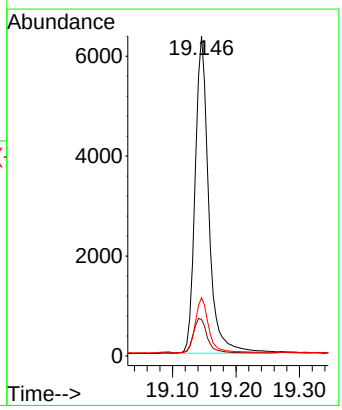


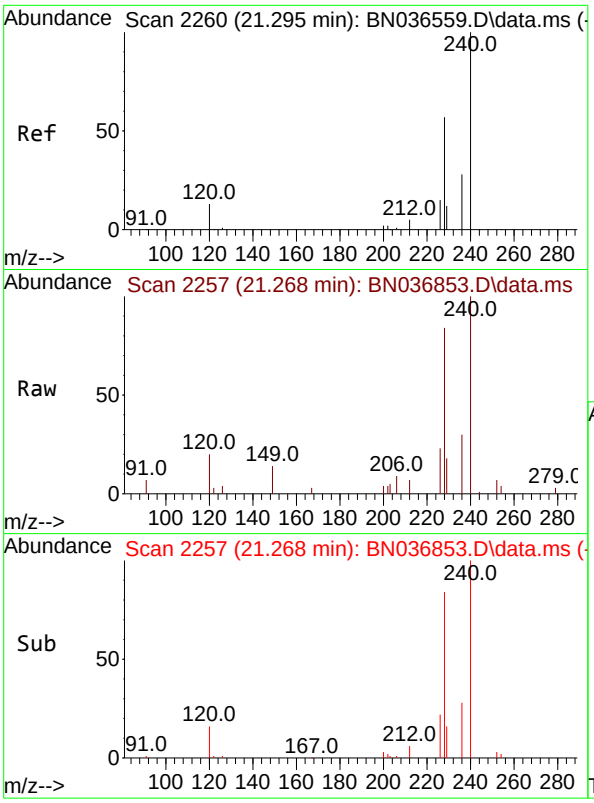


#28
Fluoranthene
Concen: 0.401 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.004 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:202 Resp: 9471

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.4	14.0
203	16.9	13.5	20.3



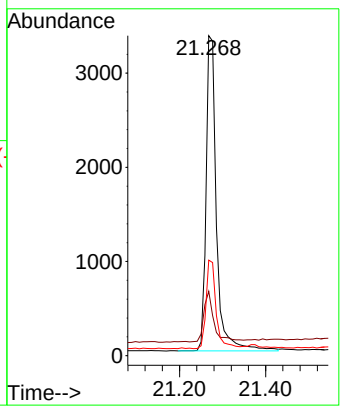


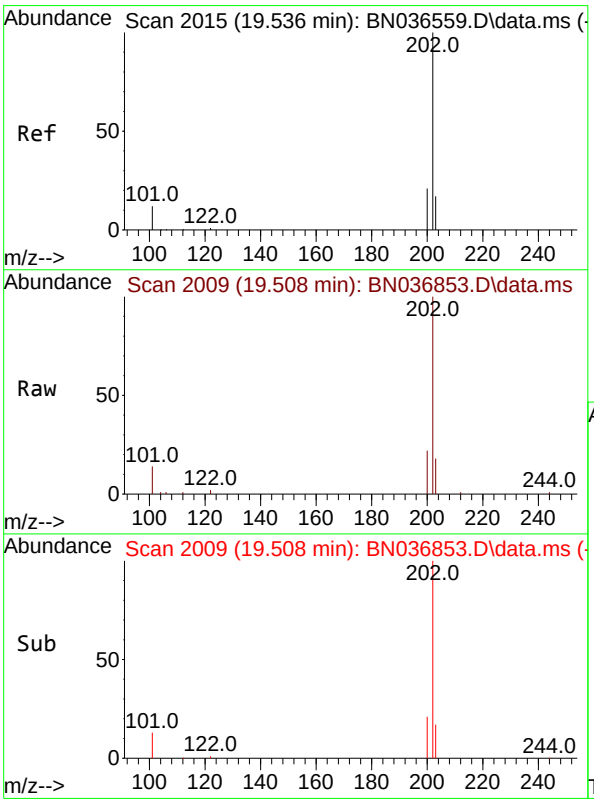
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:240 Resp: 5617

Ion	Ratio	Lower	Upper
240	100		
120	20.1	14.6	22.0
236	29.8	24.1	36.1

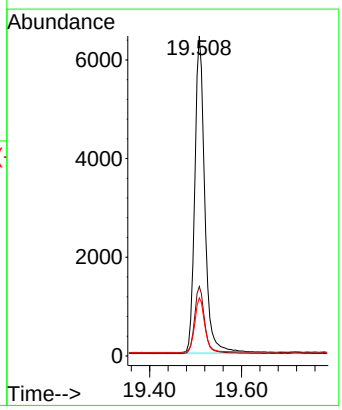


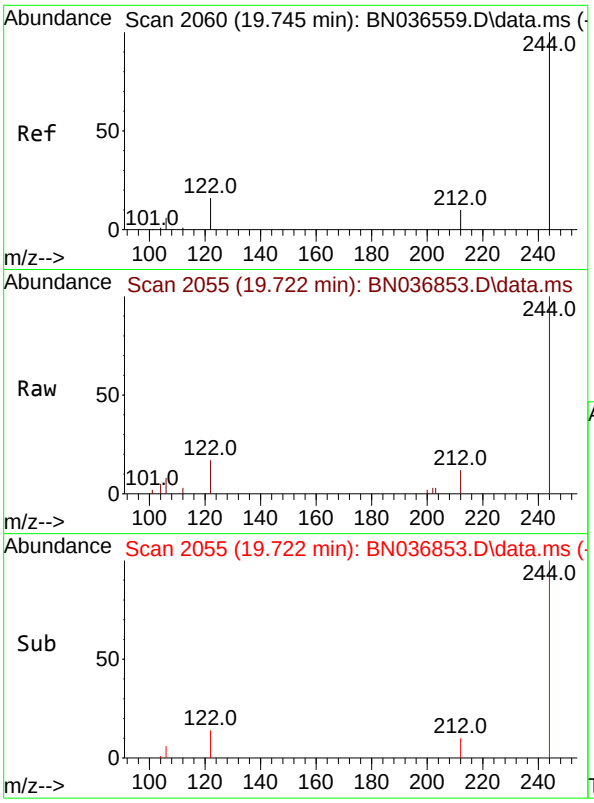


#30
Pyrene
Concen: 0.356 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:202 Resp: 9764

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	18.1	14.1	21.1



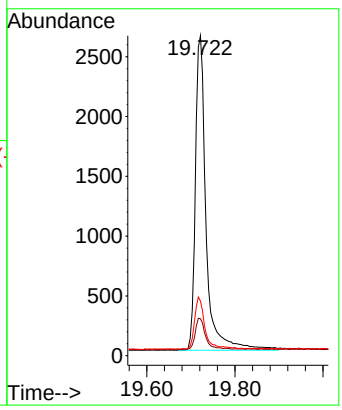


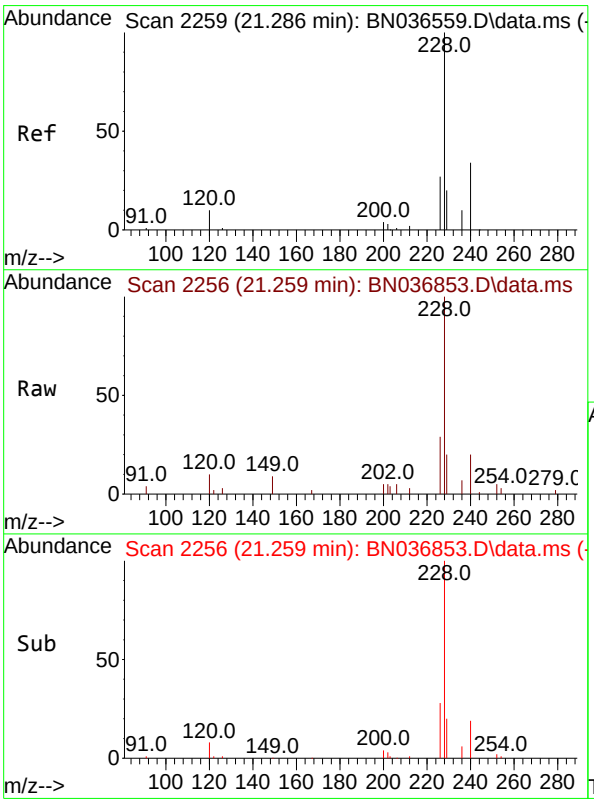
#31
Terphenyl-d14
Concen: 0.331 ng
RT: 19.722 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:244 Resp: 4448

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.6	14.4
122	17.1	13.9	20.9

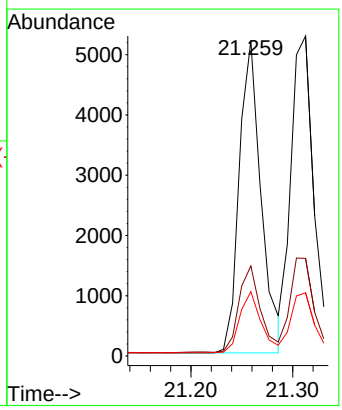


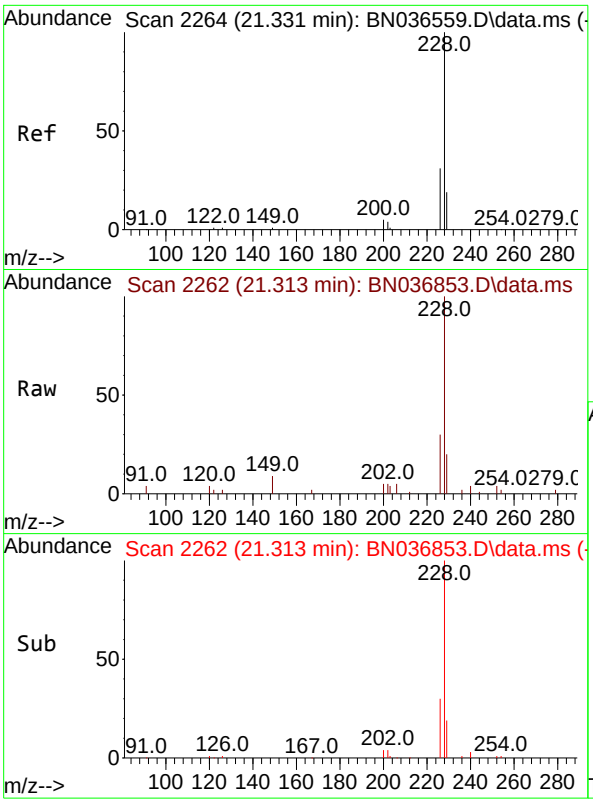


#32
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:228 Resp: 7735

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.4	16.6	25.0



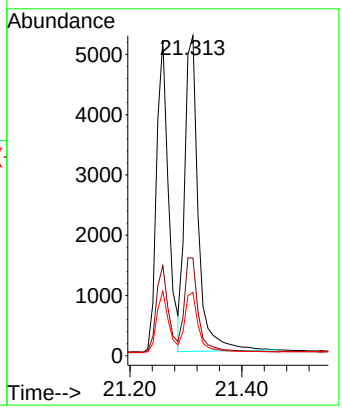


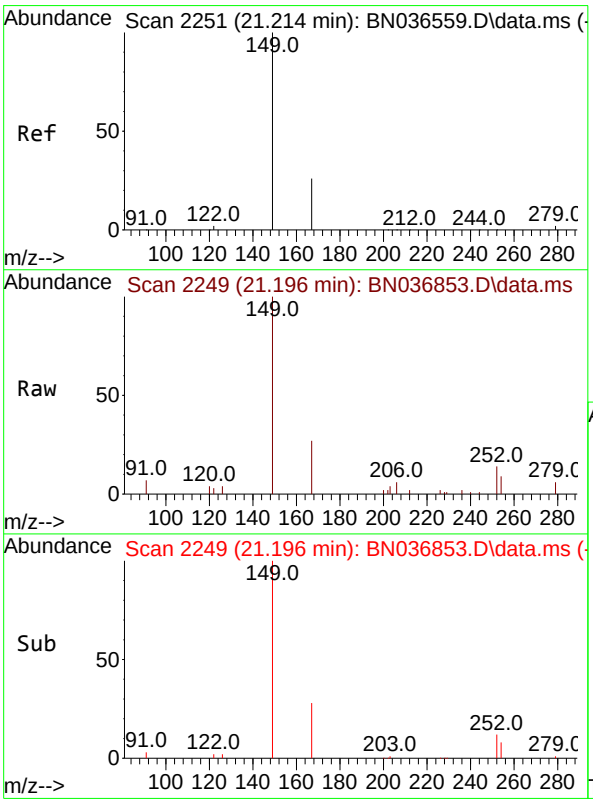
#33
Chrysene
Concen: 0.414 ng
RT: 21.313 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:228 Resp: 8835

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	19.8	15.8	23.8

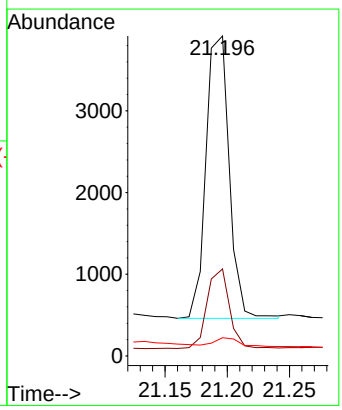


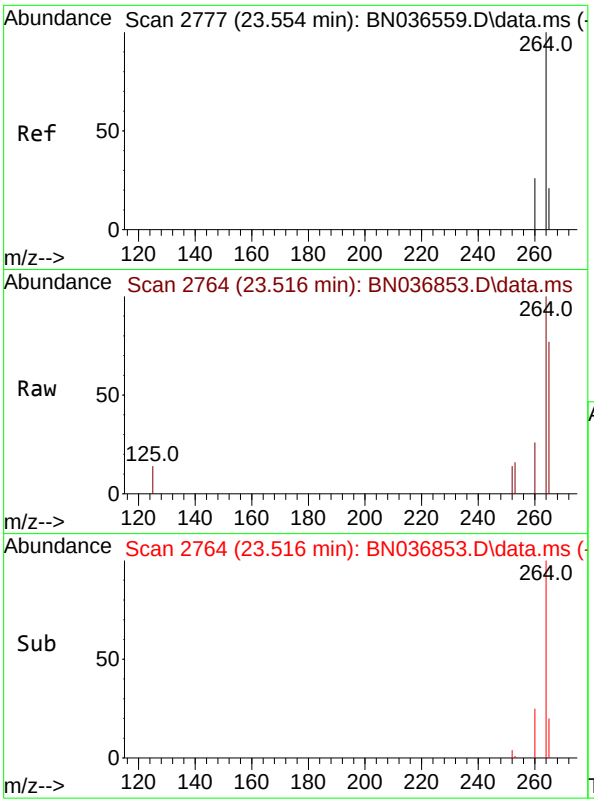


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.196 min Scan# 2249
Delta R.T. 0.009 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:149 Resp: 4505

Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.7	31.1
279	3.1	3.6	5.4#



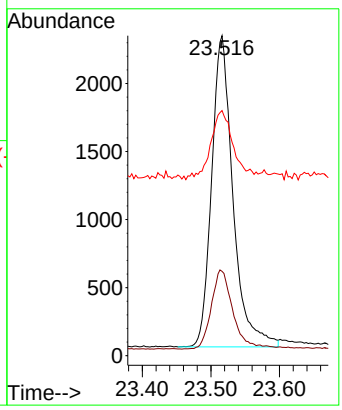


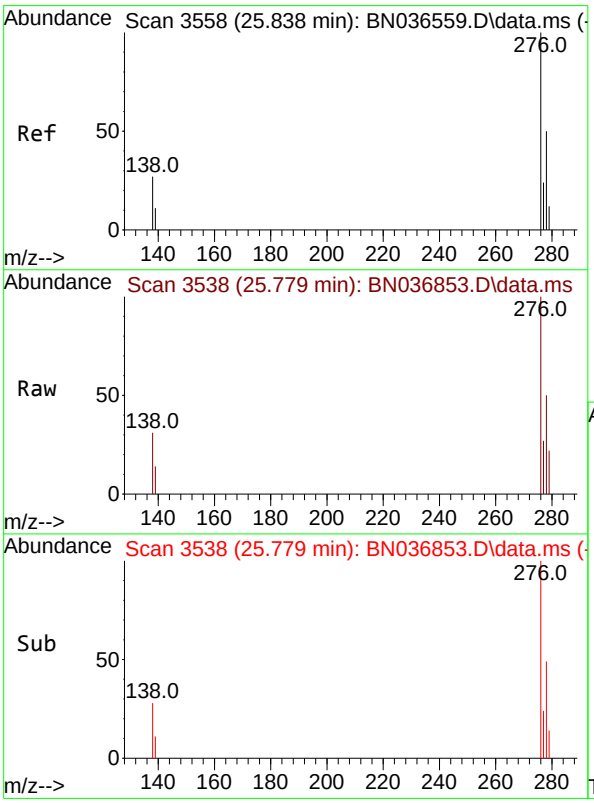
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:264 Resp: 4951

Ion	Ratio	Lower	Upper
264	100		
260	26.4	22.6	33.8
265	76.6	88.1	132.1#

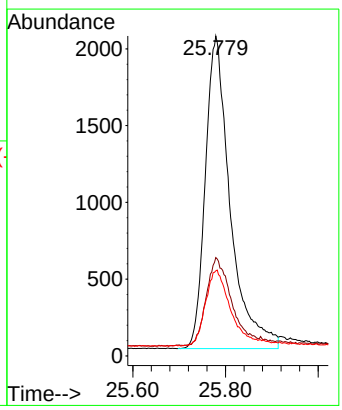


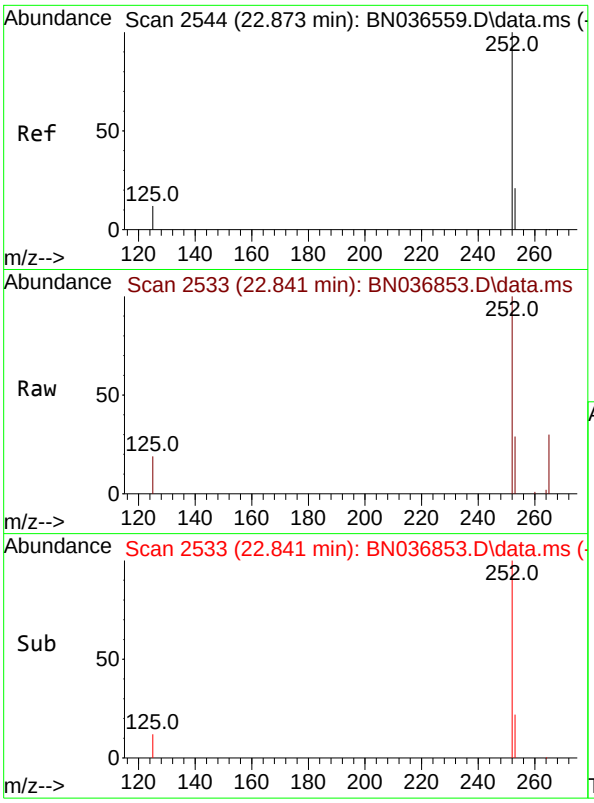


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 25.779 min Scan# 3538
Delta R.T. 0.009 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:276 Resp: 7577

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.4	35.2
277	25.2	20.0	30.0



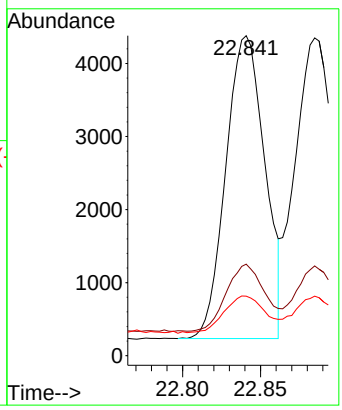


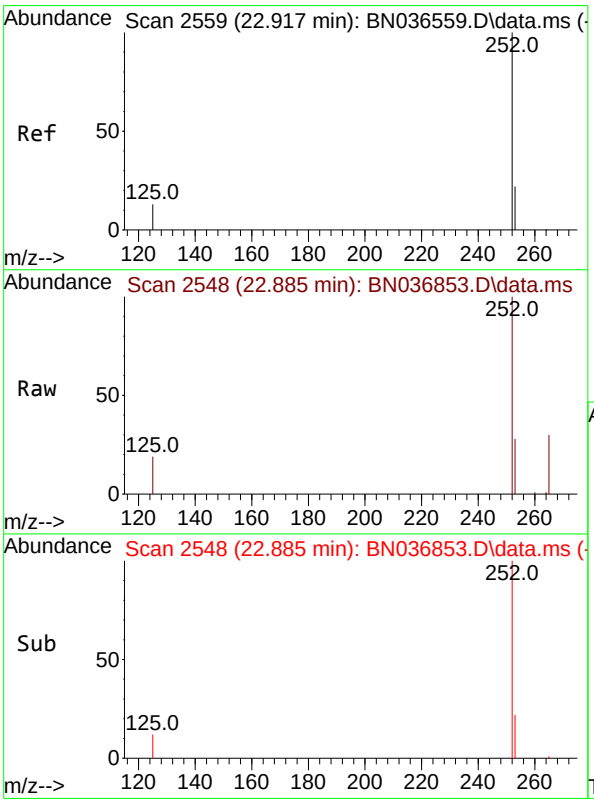
#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.841 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:252 Resp: 7224

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.9	35.9
125	18.6	17.4	26.2

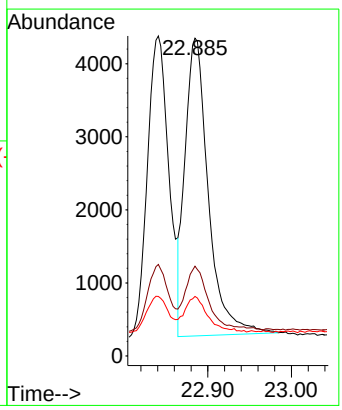


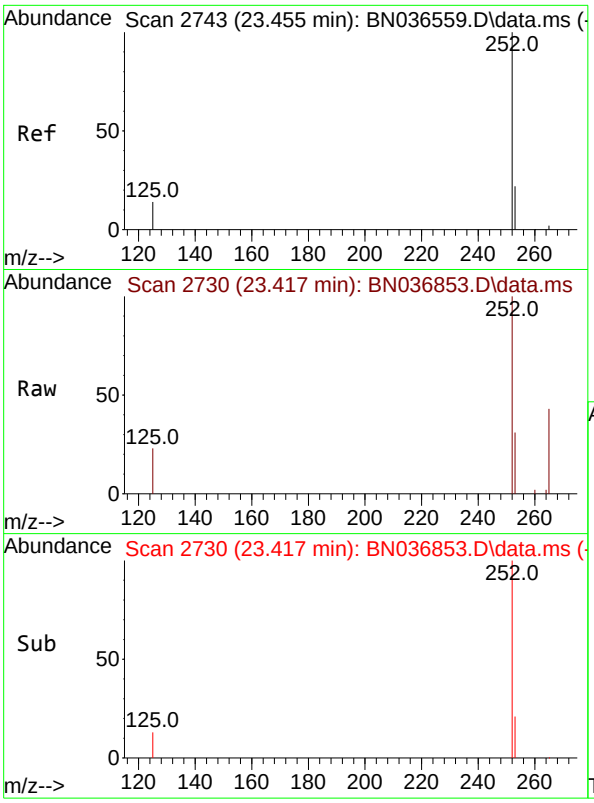


#38
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.885 min Scan# 2548
Delta R.T. 0.006 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:252 Resp: 7900

Ion	Ratio	Lower	Upper
252	100		
253	28.3	24.6	36.8
125	18.7	17.8	26.8



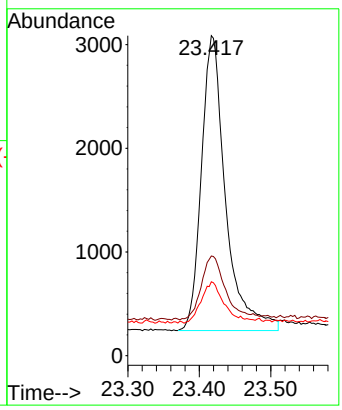


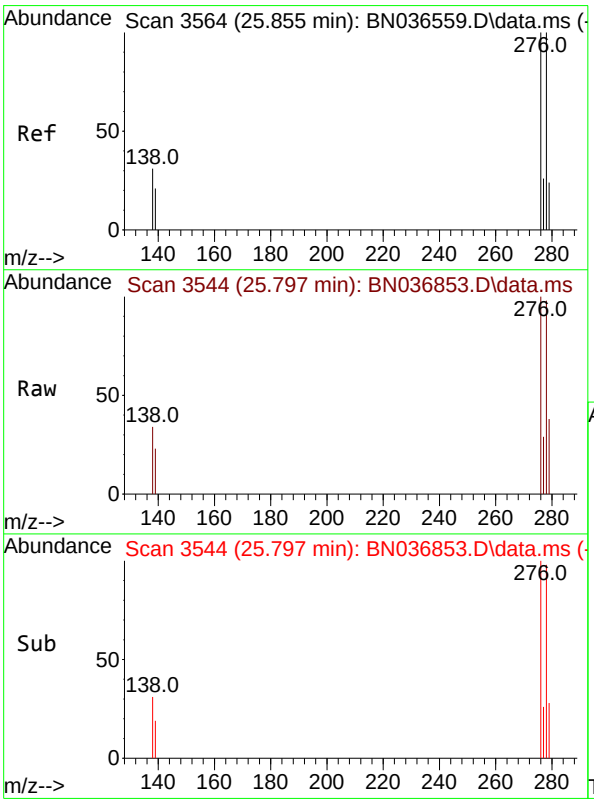
#39
Benzo(a)pyrene
Concen: 0.442 ng
RT: 23.417 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:252 Resp: 6701

Ion	Ratio	Lower	Upper
252	100		
253	31.1	27.8	41.8
125	23.1	22.7	34.1

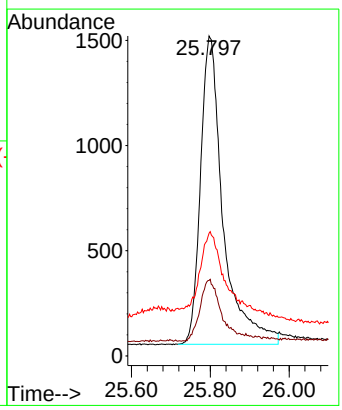


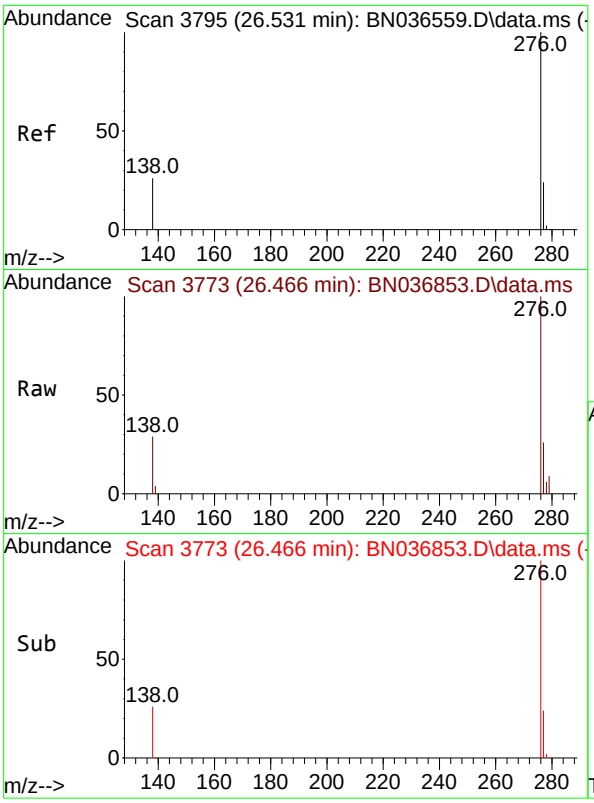


#40
Dibenzo(a,h)anthracene
Concen: 0.419 ng
RT: 25.797 min Scan# 3544
Delta R.T. 0.006 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Tgt Ion:278 Resp: 5830

Ion	Ratio	Lower	Upper
278	100		
139	23.6	20.8	31.2
279	38.3	28.8	43.2





#41
Benzo(g,h,i)perylene
Concen: 0.393 ng
RT: 26.466 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN036853.D
Acq: 07 Apr 2025 14:54

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Tgt Ion:276 Resp: 6259

Ion	Ratio	Lower	Upper
276	100		
277	26.4	22.2	33.4
138	29.1	24.1	36.1