Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
Data File : BN036952.D
Acq On : 30 Apr 2025 18:17
Operator : RC/JU
Sample : PB167760BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Quant Time: May 01 01:12:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	2072	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	5162	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2727	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5423	0.400	ng	0.00
29) Chrysene-d12	21.216	240	4126	0.400	ng	# 0.00
35) Perylene-d12	23.424	264	3488	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1848	0.349	ng	0.00
5) Phenol-d6	6.802	99	2148	0.329	ng	0.00
8) Nitrobenzene-d5	8.771	82	1862	0.345	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	3378	0.468	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	416	0.342	ng	0.00
15) 2-Fluorobiphenyl	12.894	172	4134	0.314	ng	0.00
27) Fluoranthene-d10	19.059	212	4961	0.353	ng	0.00
31) Terphenyl-d14	19.663	244	3494	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	740	0.287	ng	# 43
3) n-Nitrosodimethylamine	3.458	42	1917	0.383	ng	# 94
6) bis(2-Chloroethyl)ether	7.062	93	2097	0.347	ng	96
9) Naphthalene	10.458	128	5188	0.345	ng	99
10) Hexachlorobutadiene	10.746	225	1196	0.368	ng	# 98
12) 2-Methylnaphthalene	12.082	142	3288	0.339	ng	99
16) Acenaphthylene	13.989	152	4827	0.362	ng	99
17) Acenaphthene	14.342	154	3061	0.350	ng	100
18) Fluorene	15.325	166	3953	0.345	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	481	0.335	ng	# 78
21) 4-Bromophenyl-phenylether	16.227	248	1251	0.346	ng	98
22) Hexachlorobenzene	16.338	284	1382	0.348	ng	96
23) Atrazine	16.500	200	1092	0.374	ng	98
24) Pentachlorophenol	16.674	266	1008	0.474	ng	98
25) Phenanthrene	17.058	178	6409	0.358	ng	100
26) Anthracene	17.158	178	5818	0.359	ng	100
28) Fluoranthene	19.087	202	7000	0.349	ng	100
30) Pyrene	19.454	202	7102	0.357	ng	99
32) Benzo(a)anthracene	21.198	228	5546	0.365	ng	99
33) Chrysene	21.251	228	6250	0.381	ng	99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3105	0.359	ng	100
36) Indeno(1,2,3-cd)pyrene	25.640	276	5142	0.361	ng	98
37) Benzo(b)fluoranthene	22.763	252	5169	0.352	ng	99
38) Benzo(k)fluoranthene	22.801	252	5282	0.358	ng	99
39) Benzo(a)pyrene	23.328	252	4501	0.373	ng	99
40) Dibenzo(a,h)anthracene	25.652	278	3958	0.353	ng	98
41) Benzo(g,h,i)perylene	26.316	276	4079	0.328	ng	97

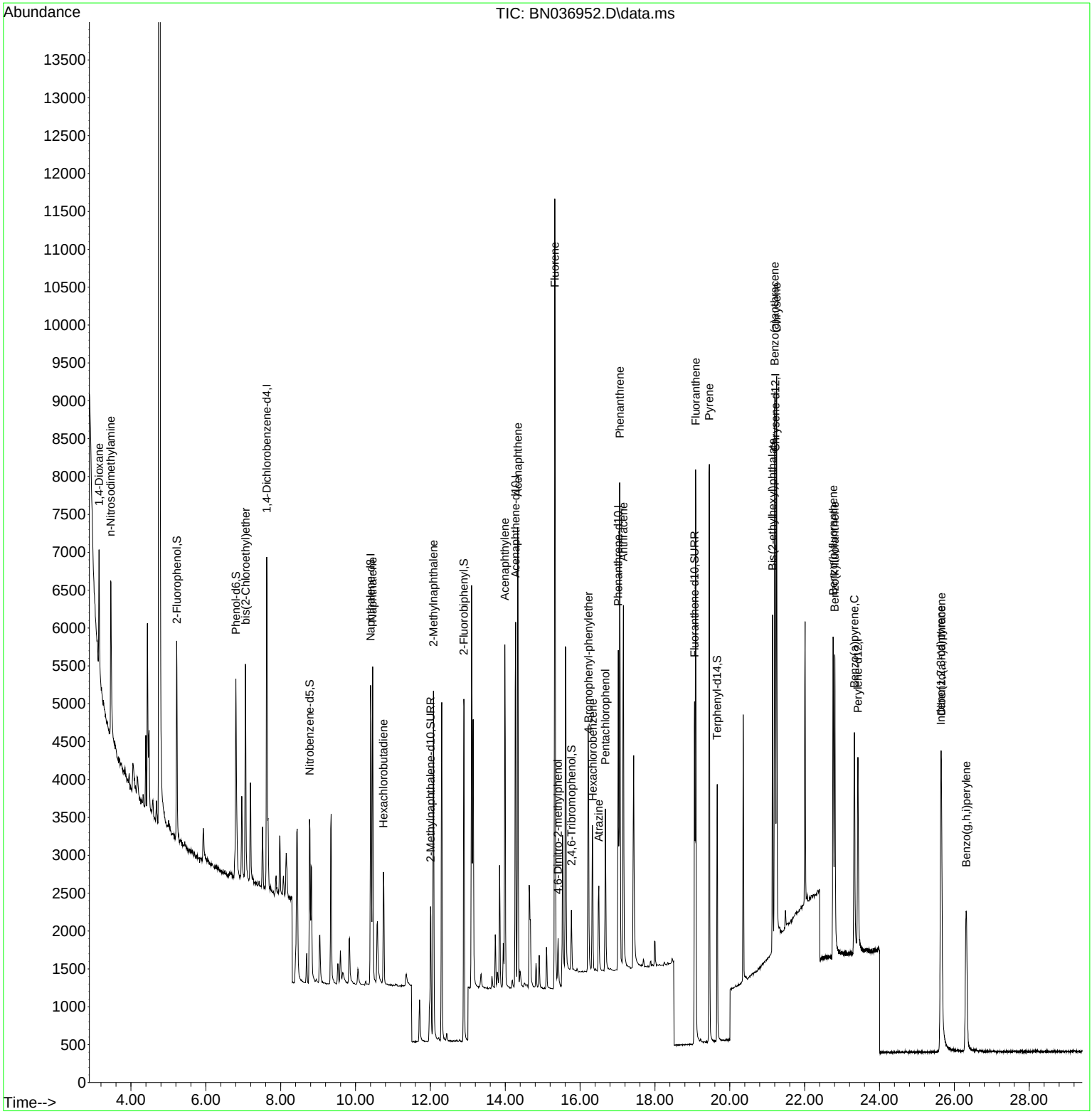
(#) = qualifier out of range (m) = manual integration (+) = signals summed

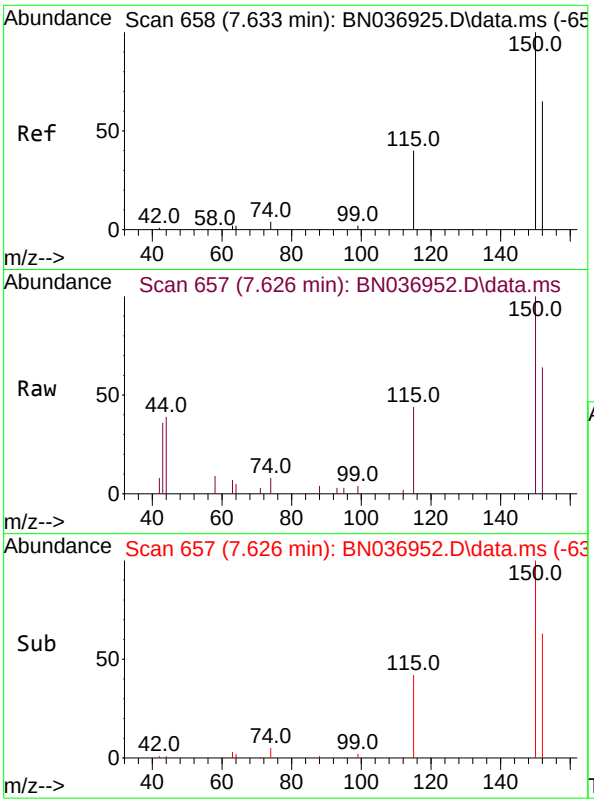
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
Data File : BN036952.D
Acq On : 30 Apr 2025 18:17
Operator : RC/JU
Sample : PB167760BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Quant Time: May 01 01:12:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration



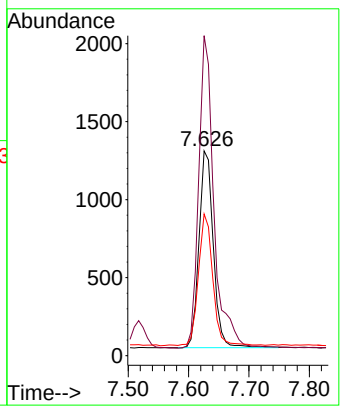


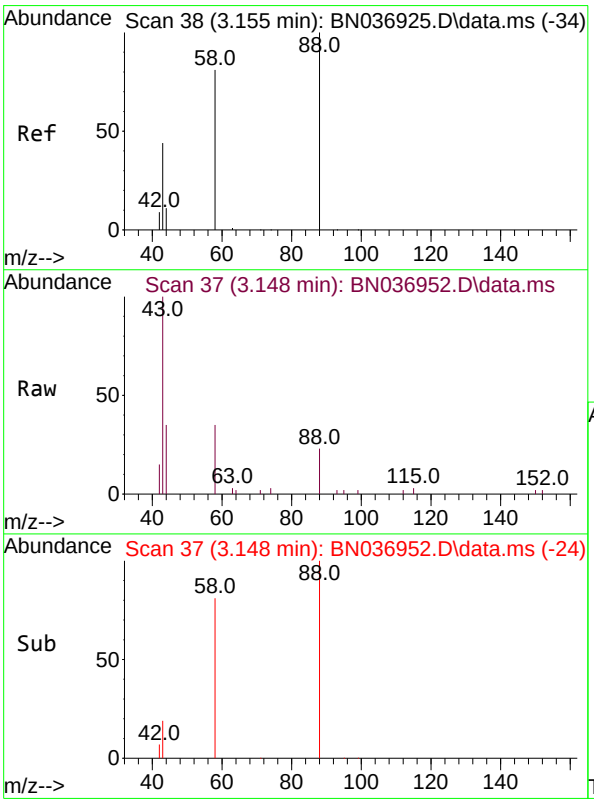
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.626 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:152 Resp: 2072

Ion	Ratio	Lower	Upper
152	100		
150	156.2	121.1	181.7
115	69.2	51.8	77.6

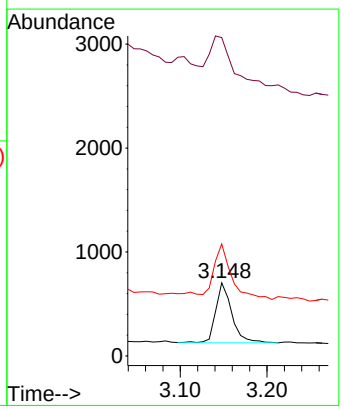


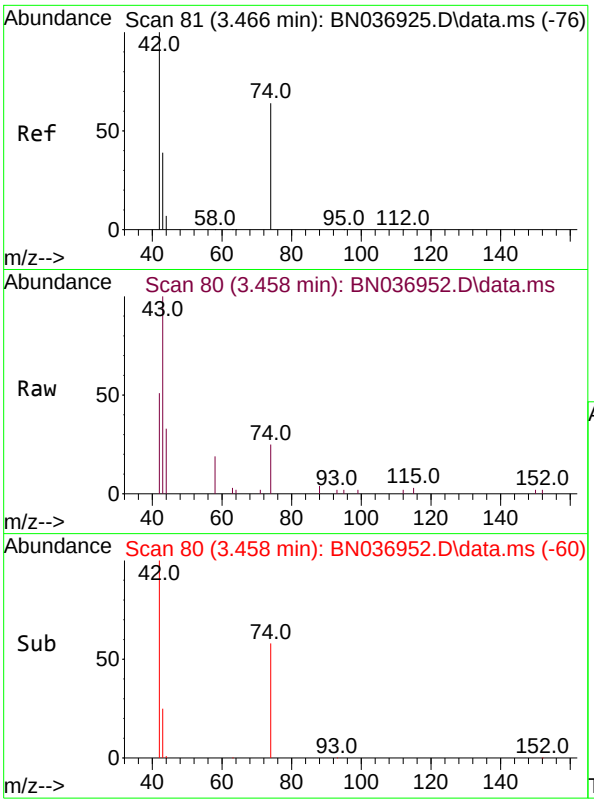


#2
1,4-Dioxane
Concen: 0.287 ng
RT: 3.148 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion: 88 Resp: 740

Ion	Ratio	Lower	Upper
88	100		
43	128.4	37.9	56.9#
58	100.1	65.8	98.6#



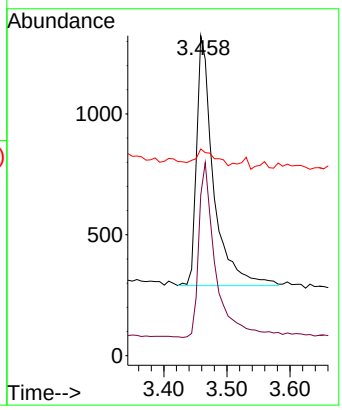


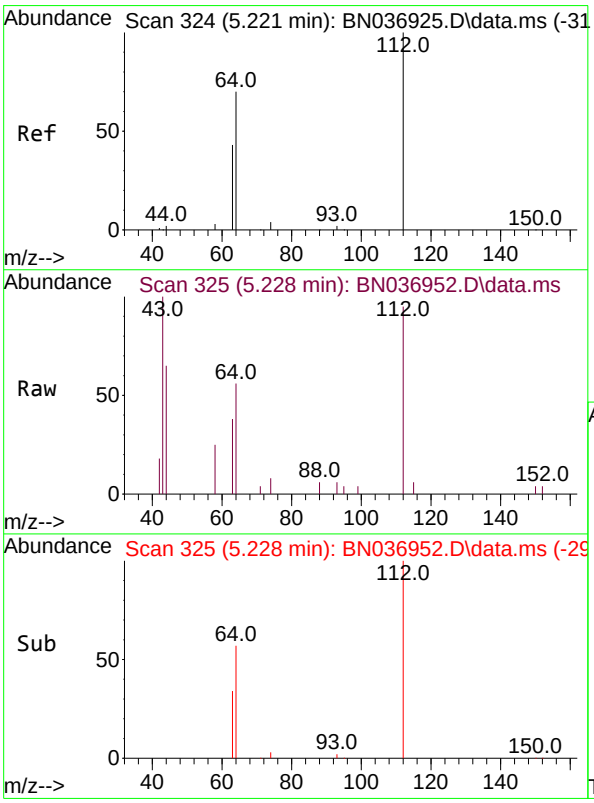
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.458 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion: 42 Resp: 1917

Ion	Ratio	Lower	Upper
42	100		
74	70.0	59.9	89.9
44	6.7	7.5	11.3#

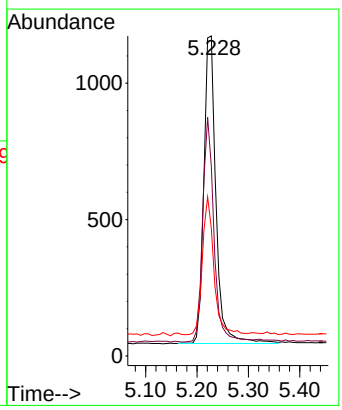


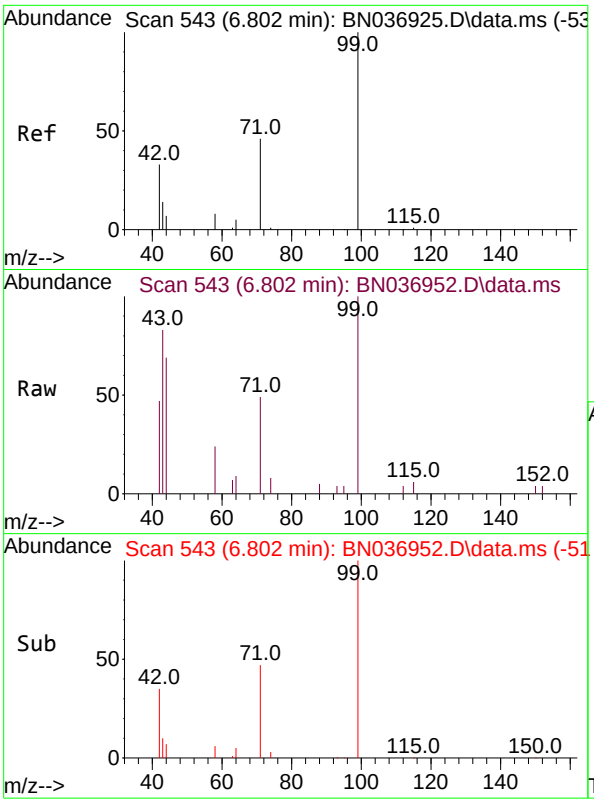


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.007 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:112 Resp: 1848

Ion	Ratio	Lower	Upper
112	100		
64	68.4	55.7	83.5
63	42.7	33.9	50.9



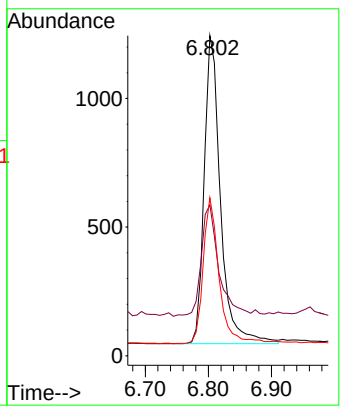


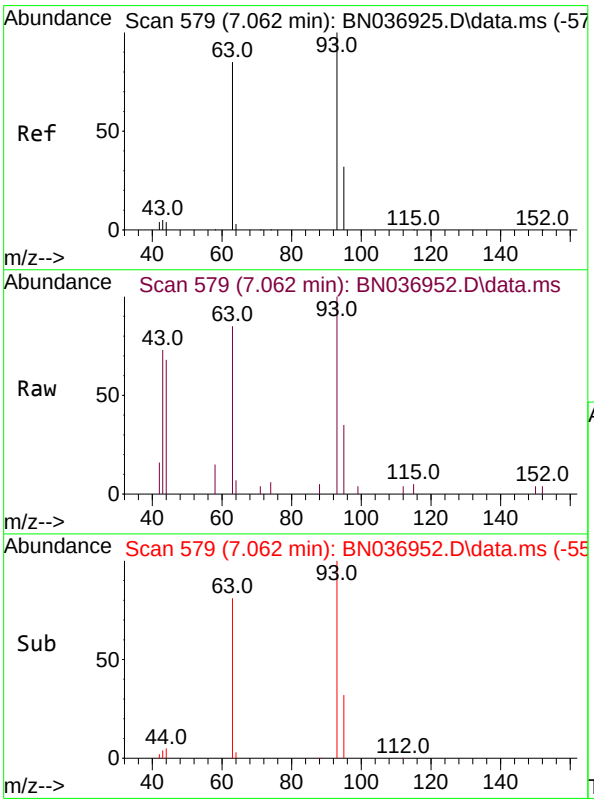
#5
Phenol-d6
Concen: 0.329 ng
RT: 6.802 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion: 99 Resp: 2148

Ion	Ratio	Lower	Upper
99	100		
42	37.2	29.6	44.4
71	46.3	36.0	54.0

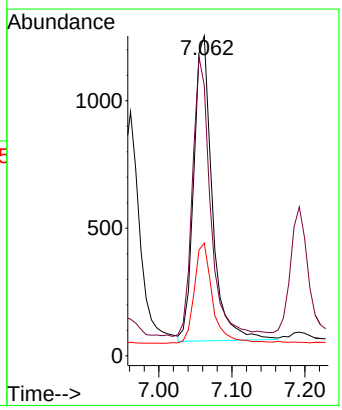


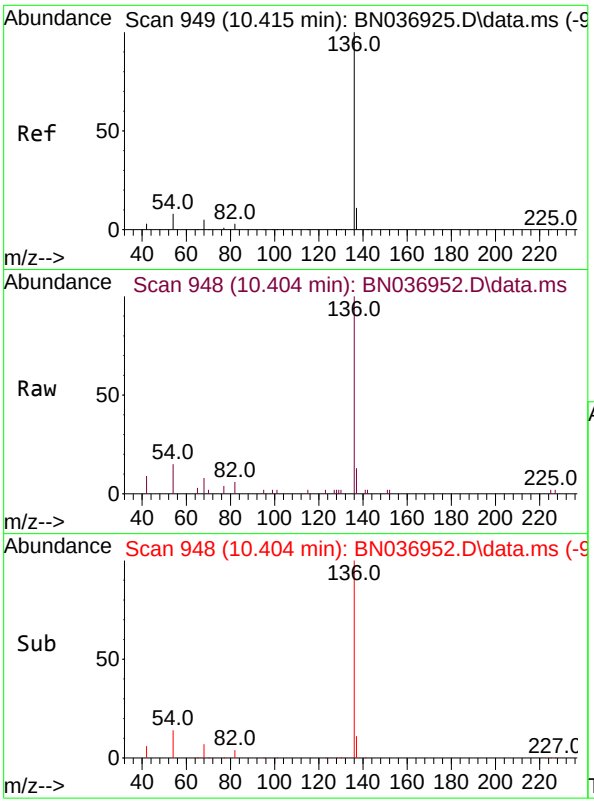


#6
bis(2-Chloroethyl)ether
Concen: 0.347 ng
RT: 7.062 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion: 93 Resp: 2097

Ion	Ratio	Lower	Upper
93	100		
63	90.4	69.0	103.6
95	32.7	25.4	38.0



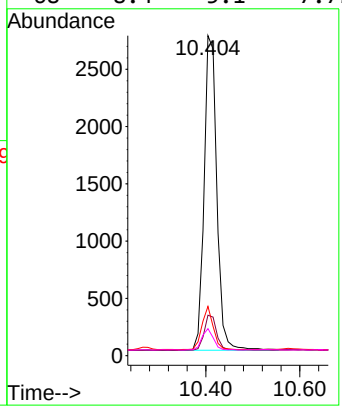


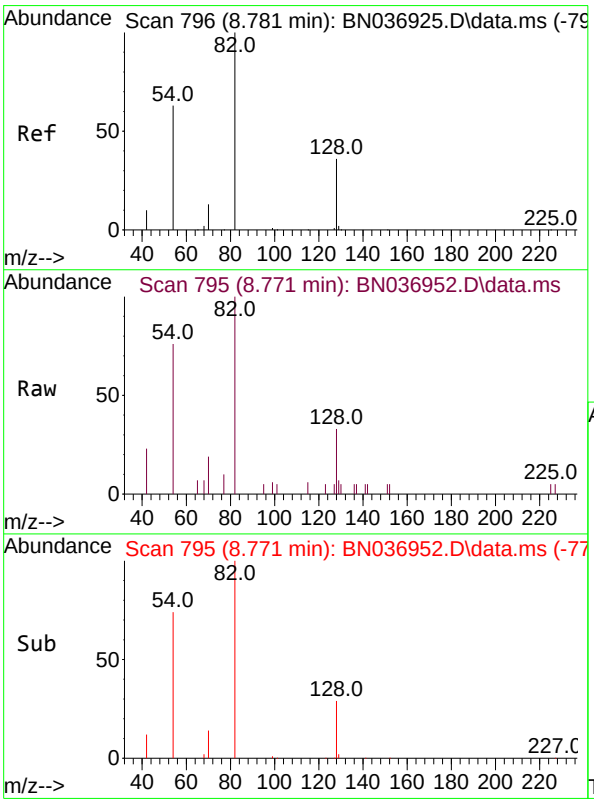
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:136 Resp: 5162

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	15.4	8.0	12.0#
68	8.4	5.1	7.7#

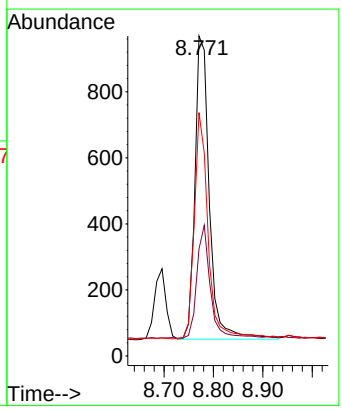


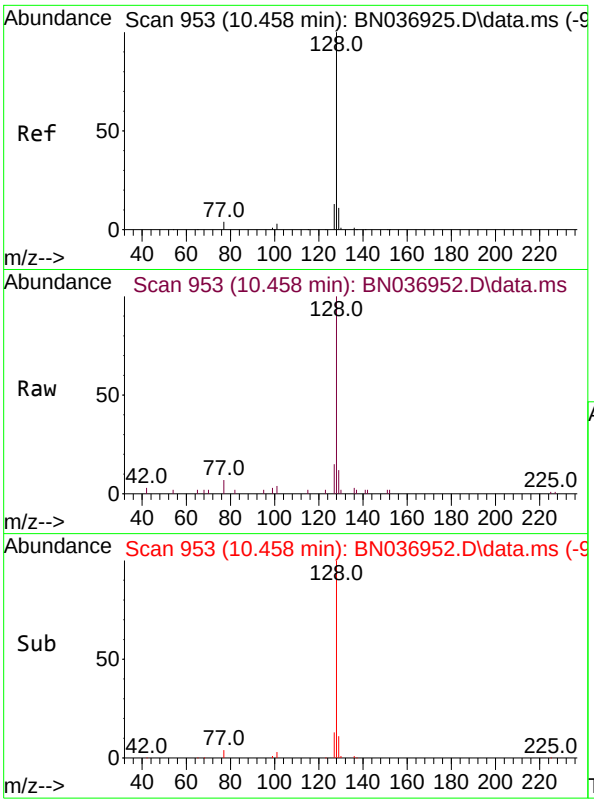


#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.771 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion: 82 Resp: 1862

Ion	Ratio	Lower	Upper
82	100		
128	33.4	30.7	46.1
54	76.1	52.1	78.1



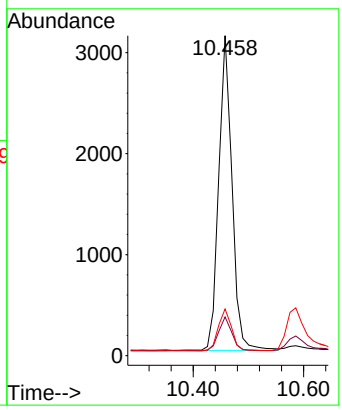


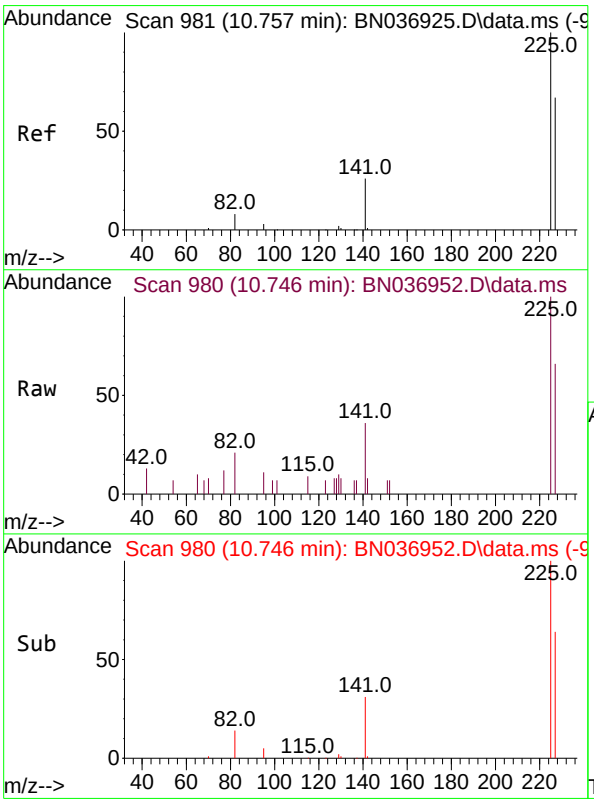
#9
Naphthalene
Concen: 0.345 ng
RT: 10.458 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:128 Resp: 5188

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.6	11.4	17.2

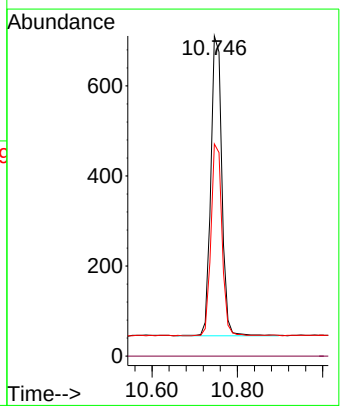


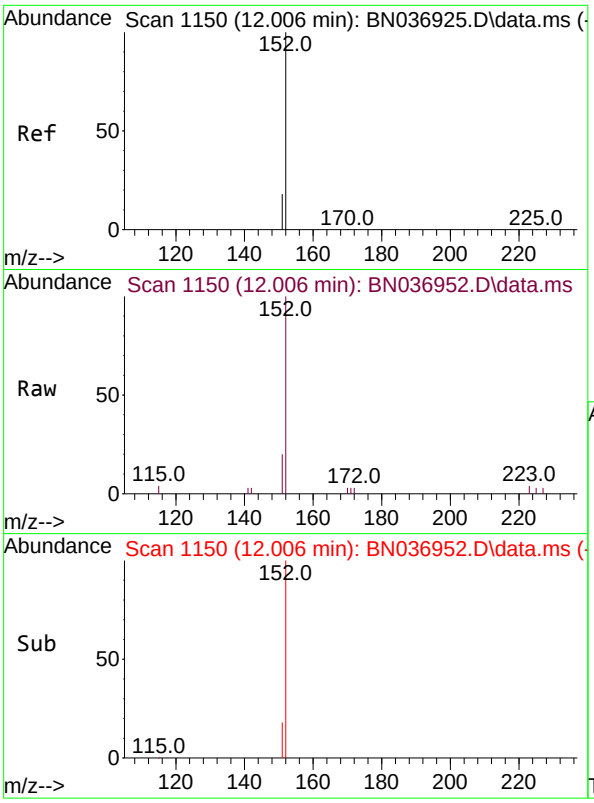


#10
Hexachlorobutadiene
Concen: 0.368 ng
RT: 10.746 min Scan# 980
Delta R.T. -0.011 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:225 Resp: 1196

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	52.2	78.4



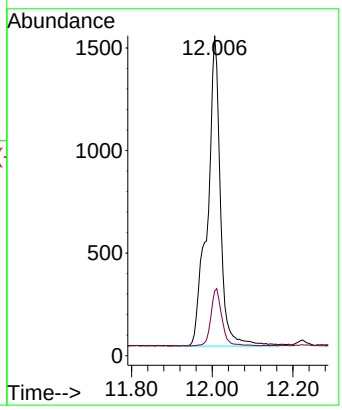


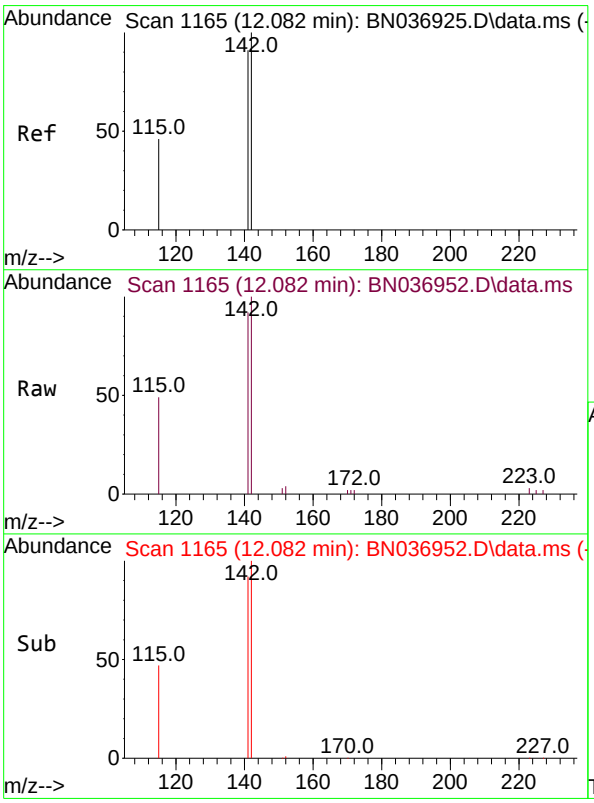
#11
2-Methylnaphthalene-d10
Concen: 0.468 ng
RT: 12.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:152 Resp: 3378

Ion	Ratio	Lower	Upper
152	100		
151	15.8	16.9	25.3#

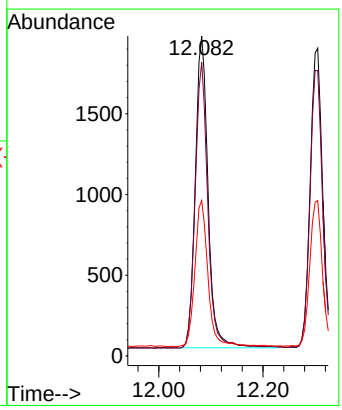


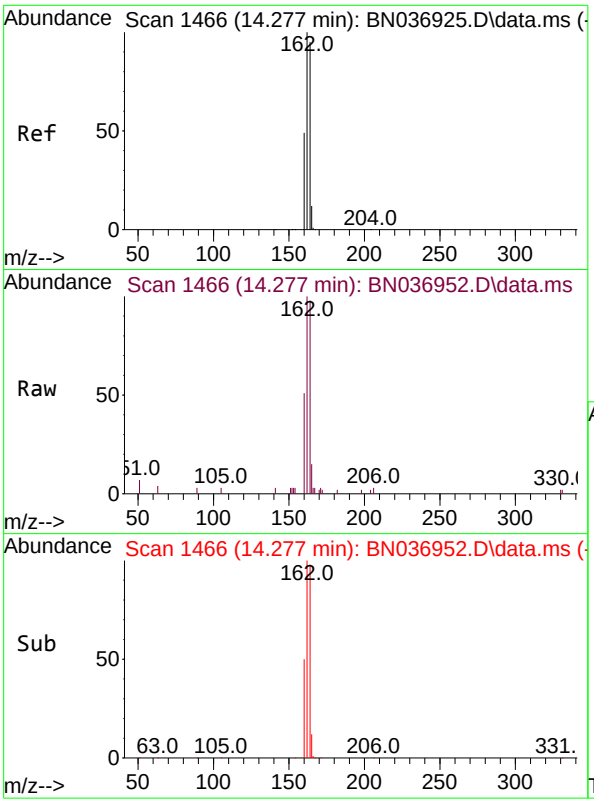


#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.082 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:142 Resp: 3288

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2
115	48.6	38.2	57.4



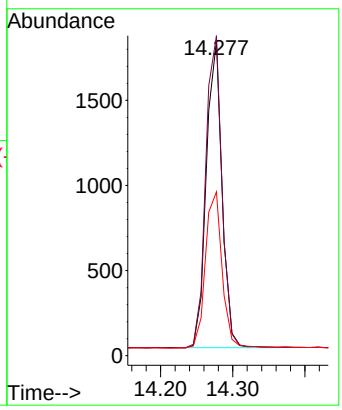


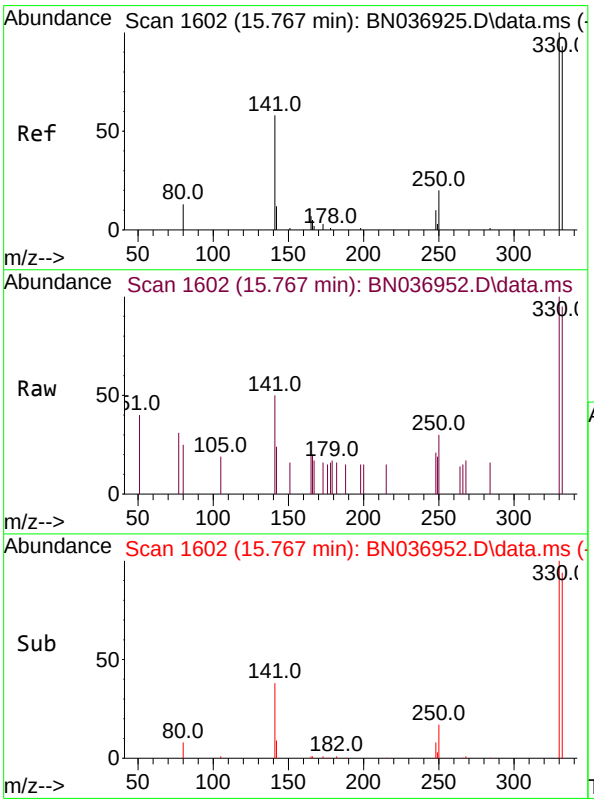
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:164 Resp: 2727

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.8	125.8
160	52.1	42.0	63.0

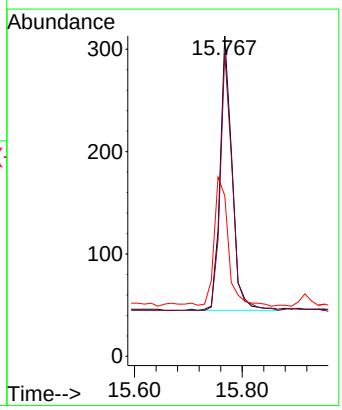


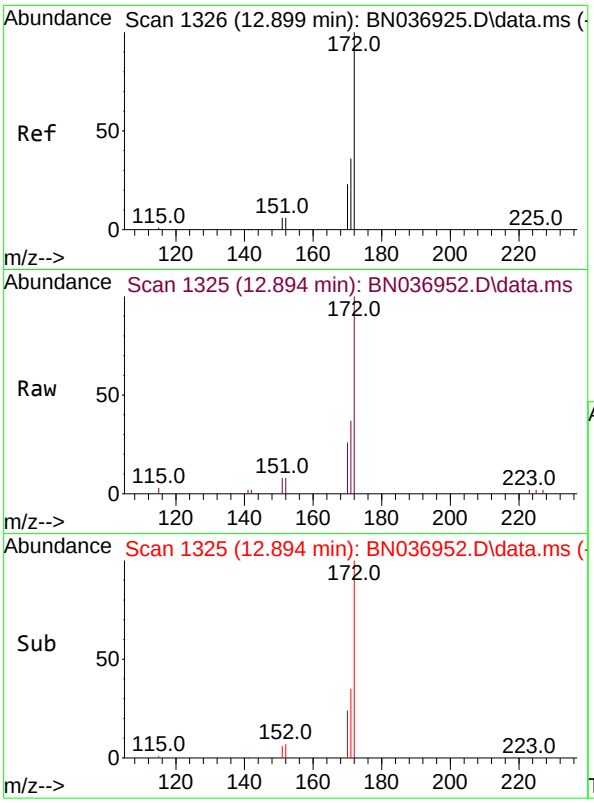


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:330 Resp: 416

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.3	114.5
141	54.3	45.4	68.2



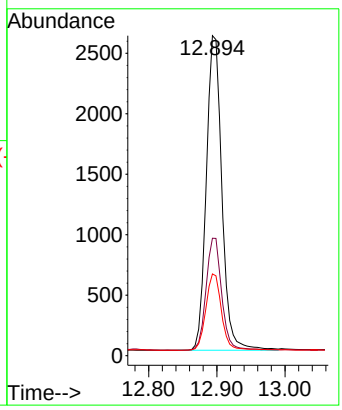


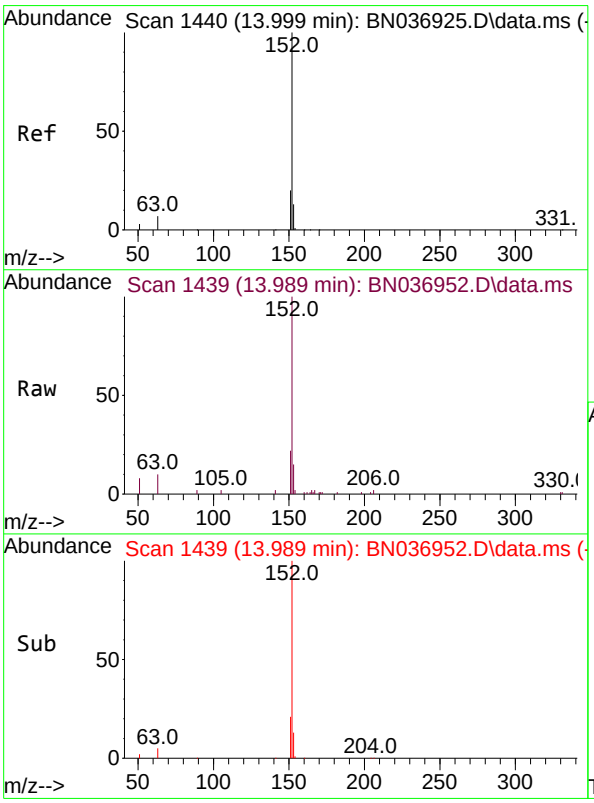
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.894 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:172 Resp: 4134

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.6	19.4	29.0

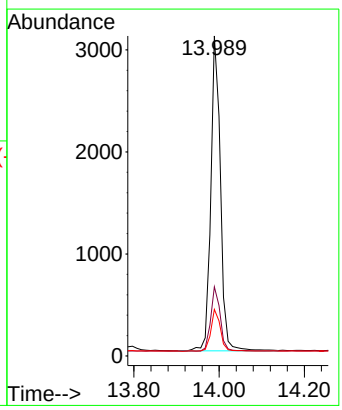


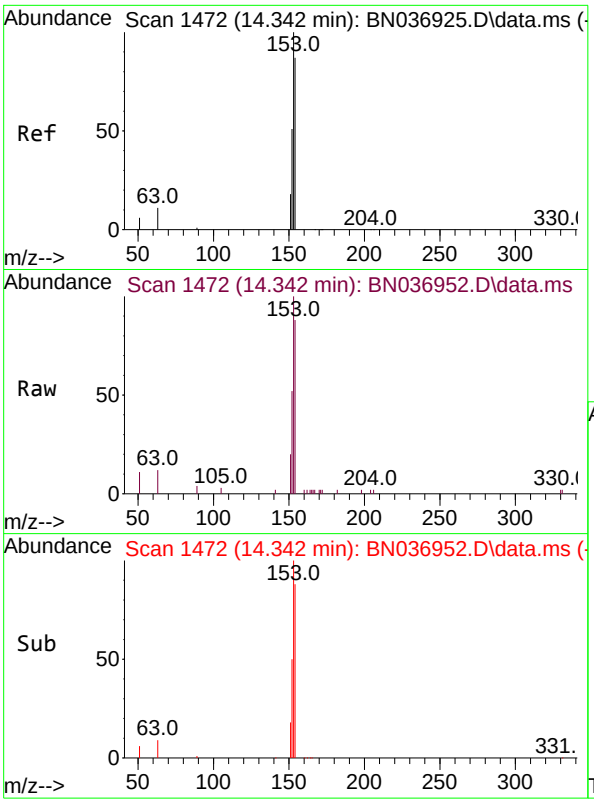


#16
Acenaphthylene
Concen: 0.362 ng
RT: 13.989 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:152 Resp: 4827

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	10.2	15.2



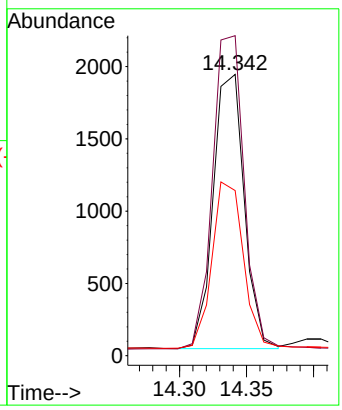


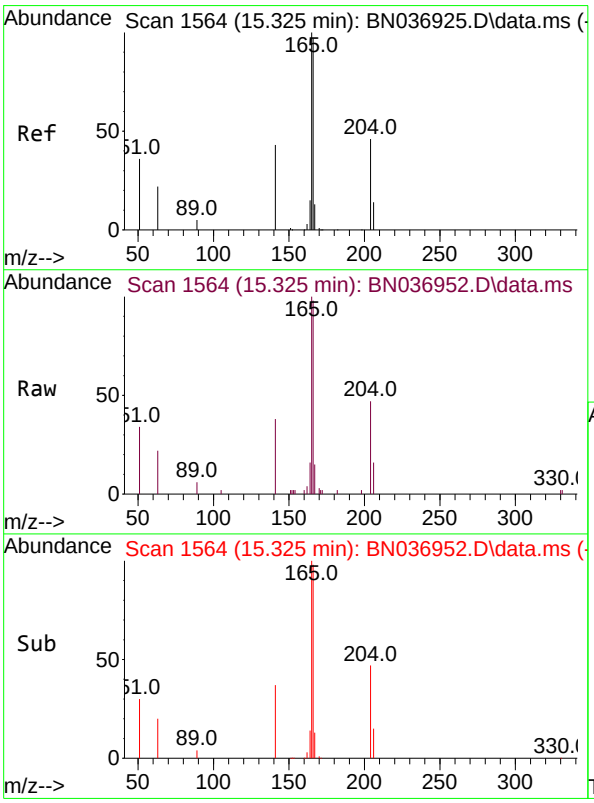
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.342 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:154 Resp: 3061

Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.4	140.2
152	62.4	49.5	74.3

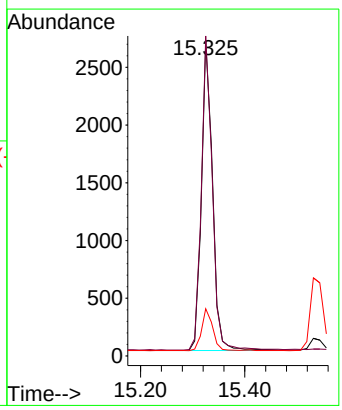


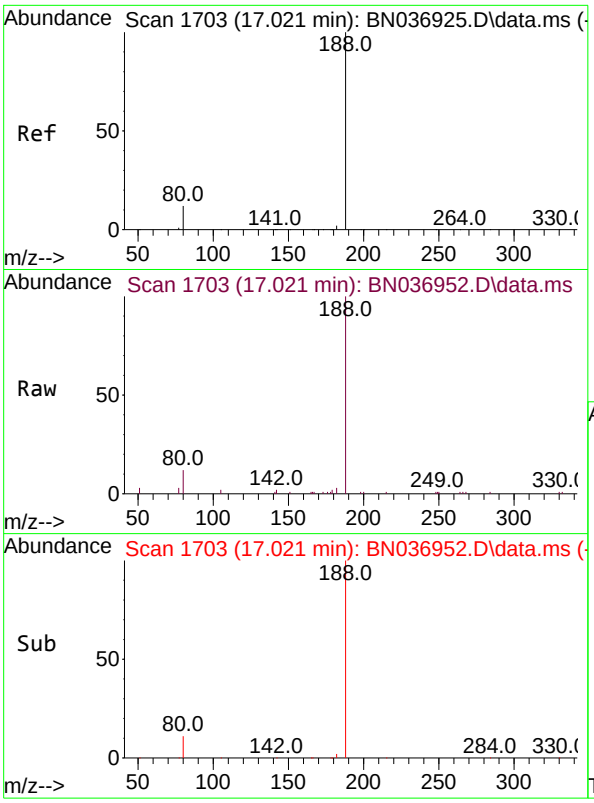


#18
Fluorene
Concen: 0.345 ng
RT: 15.325 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:166 Resp: 3953

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.8	121.2
167	13.4	10.8	16.2



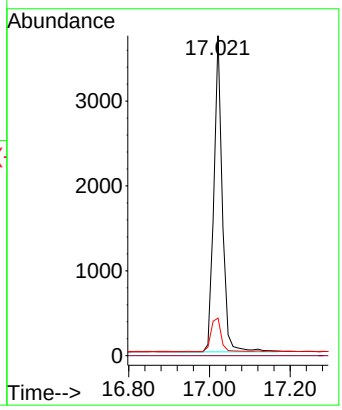


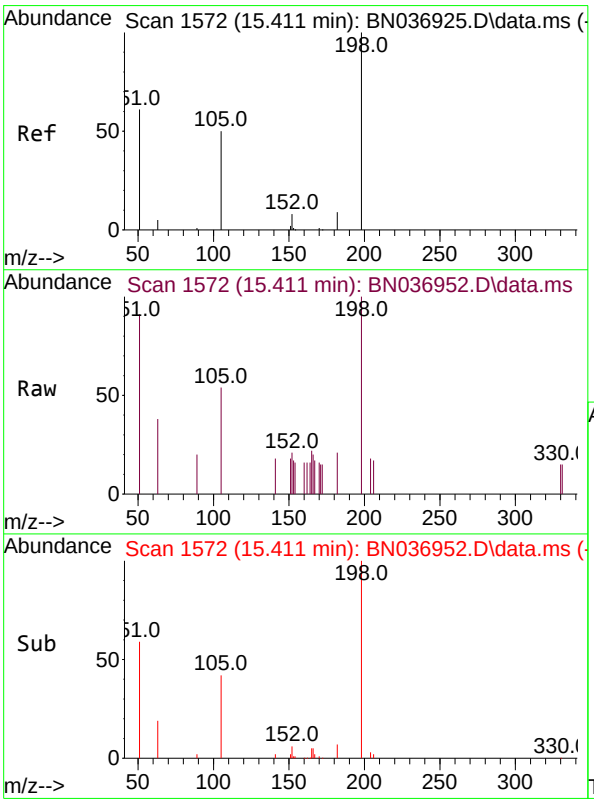
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:188 Resp: 5423

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	10.7	16.1

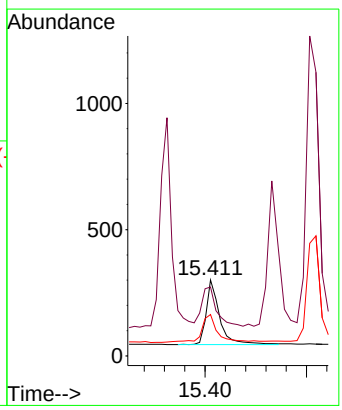


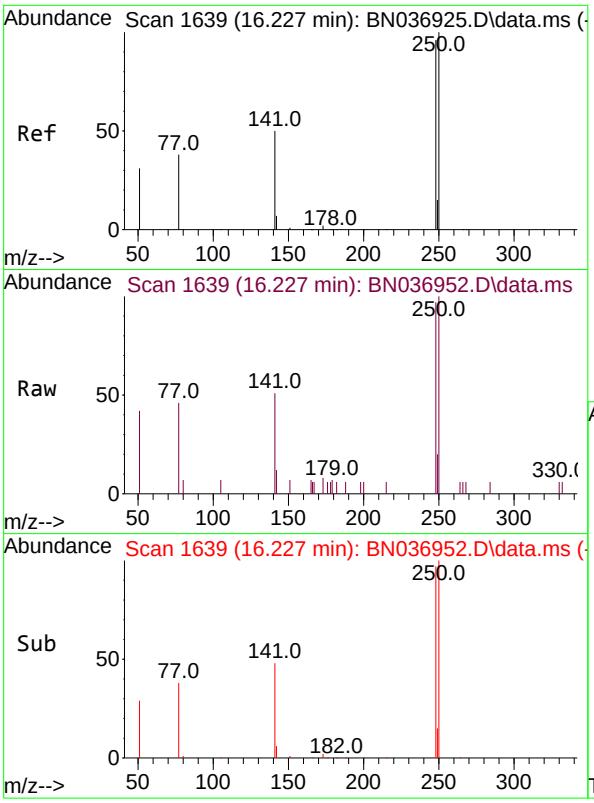


#20
4,6-Dinitro-2-methylphenol
Concen: 0.335 ng
RT: 15.411 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:198 Resp: 481

Ion	Ratio	Lower	Upper
198	100		
51	90.7	97.9	146.9#
105	54.5	50.0	75.0



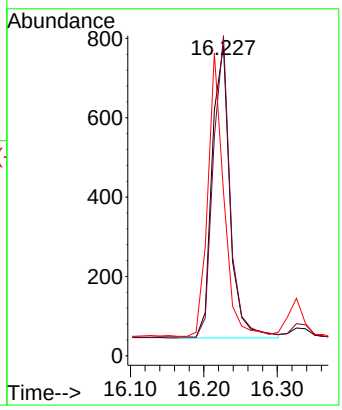


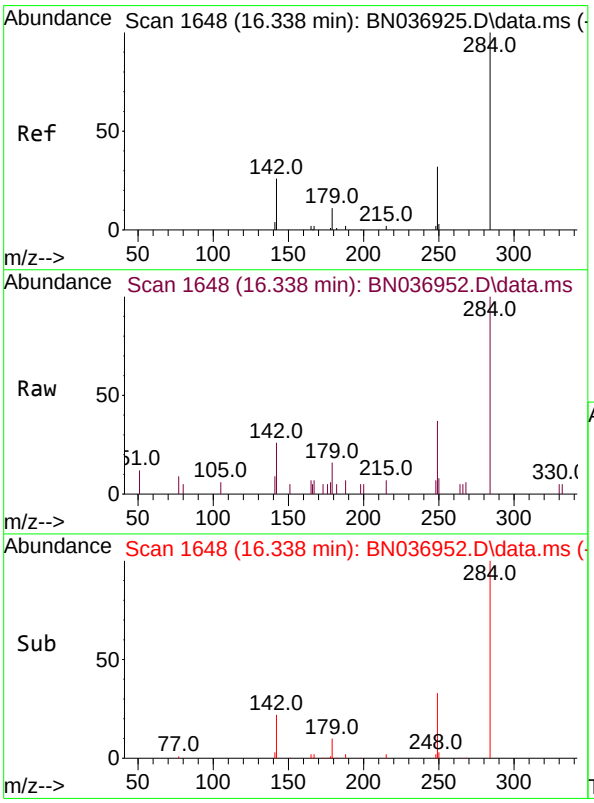
#21
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 16.227 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:248 Resp: 1251

Ion	Ratio	Lower	Upper
248	100		
250	103.2	83.7	125.5
141	52.8	43.8	65.8

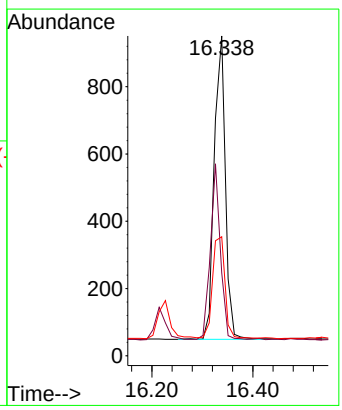


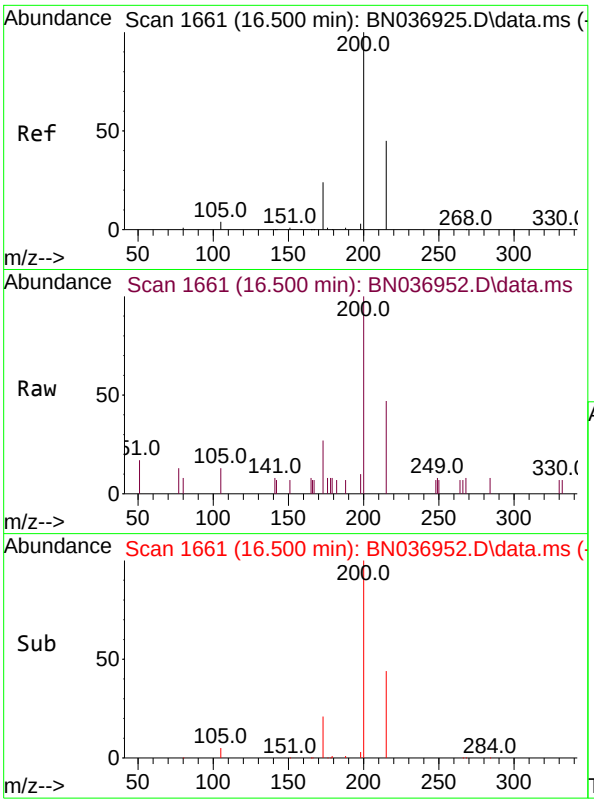


#22
Hexachlorobenzene
Concen: 0.348 ng
RT: 16.338 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:284 Resp: 1382

Ion	Ratio	Lower	Upper
284	100		
142	52.0	40.0	60.0
249	38.1	28.2	42.2



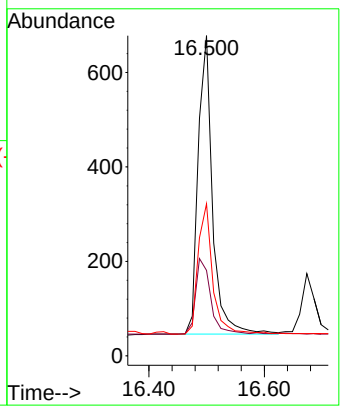


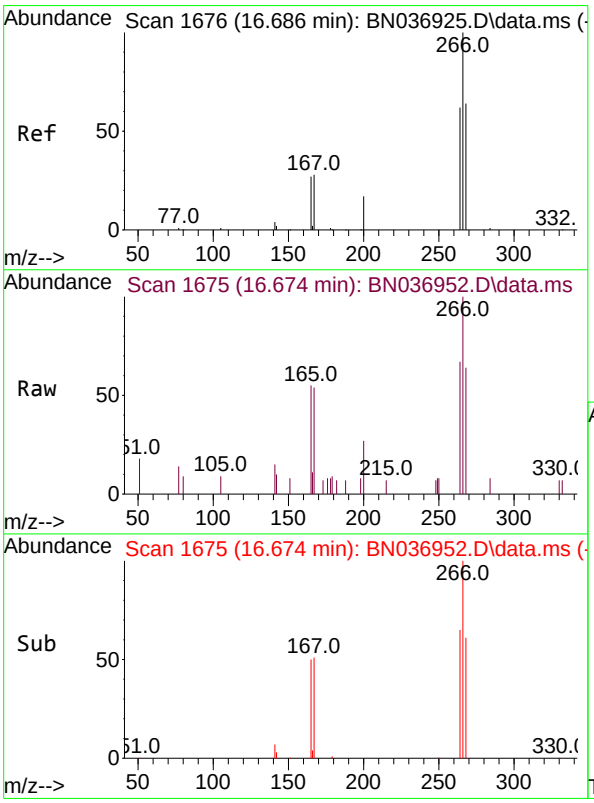
#23
Atrazine
Concen: 0.374 ng
RT: 16.500 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:200 Resp: 1092

Ion	Ratio	Lower	Upper
200	100		
173	26.7	22.4	33.6
215	47.5	38.6	57.8

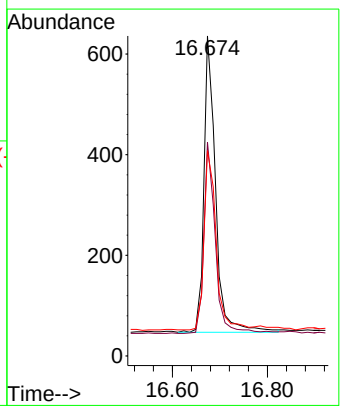


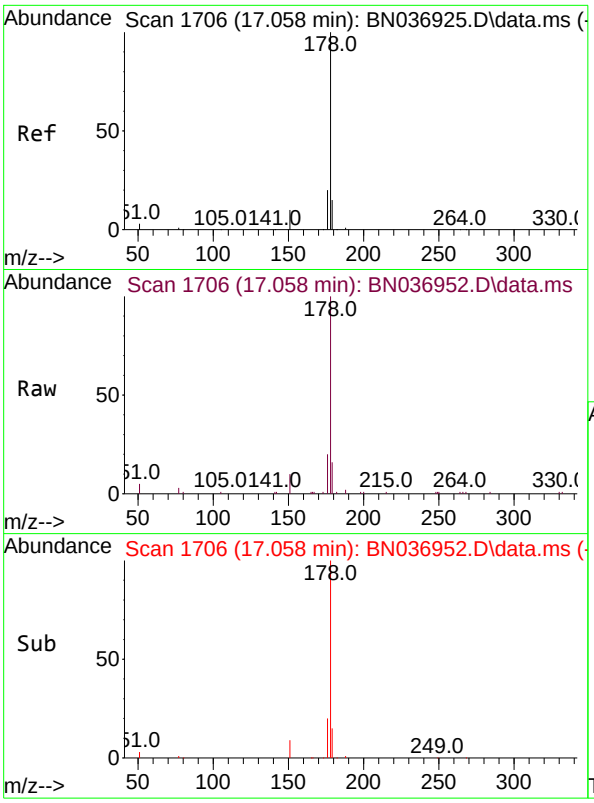


#24
Pentachlorophenol
Concen: 0.474 ng
RT: 16.674 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.9	74.9
268	63.3	52.2	78.4



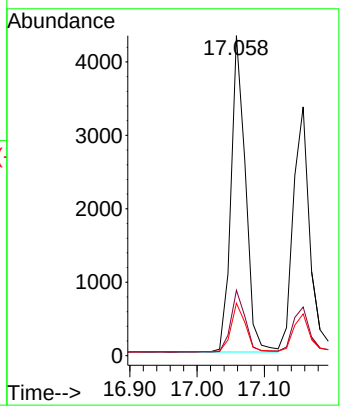


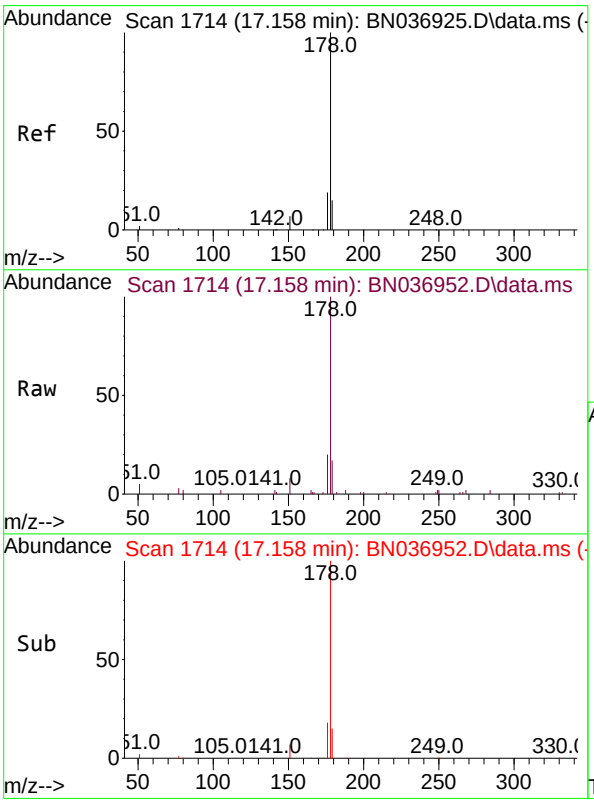
#25
Phenanthrene
Concen: 0.358 ng
RT: 17.058 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:178 Resp: 6409

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.4	12.4	18.6

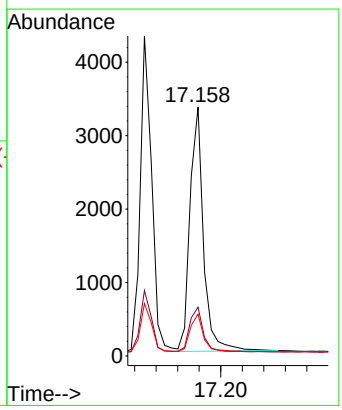


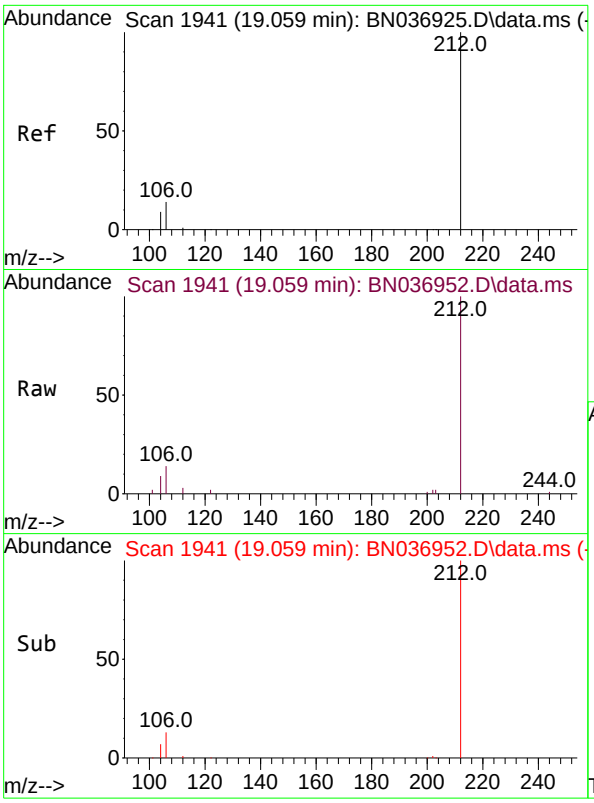


#26
Anthracene
Concen: 0.359 ng
RT: 17.158 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:178 Resp: 5818

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.0	12.1	18.1



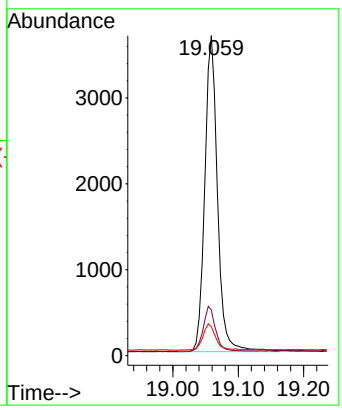


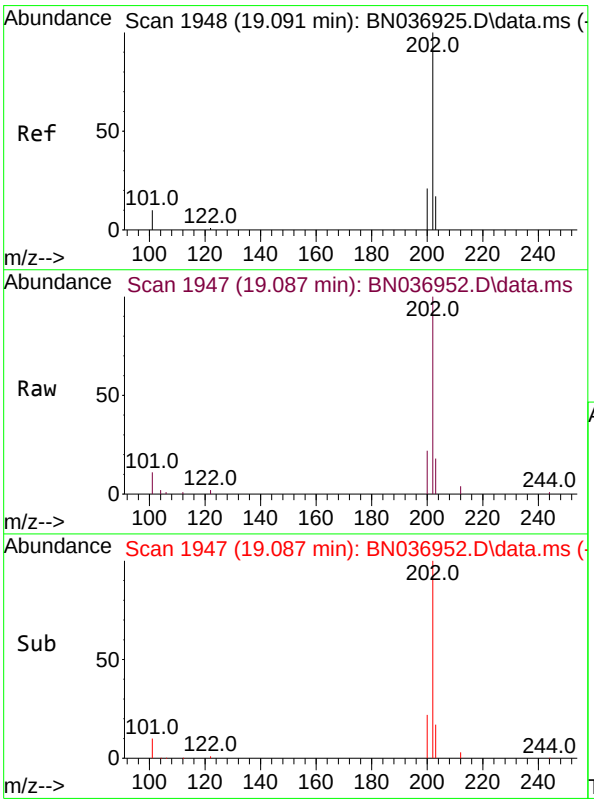
#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.059 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:212 Resp: 4961

Ion	Ratio	Lower	Upper
212	100		
106	13.6	11.6	17.4
104	8.4	7.0	10.4

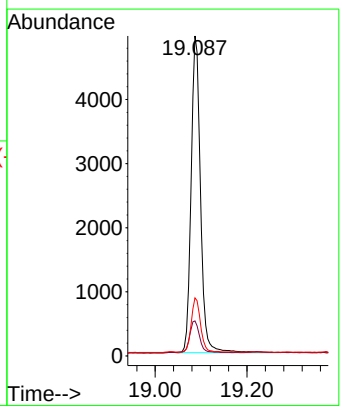


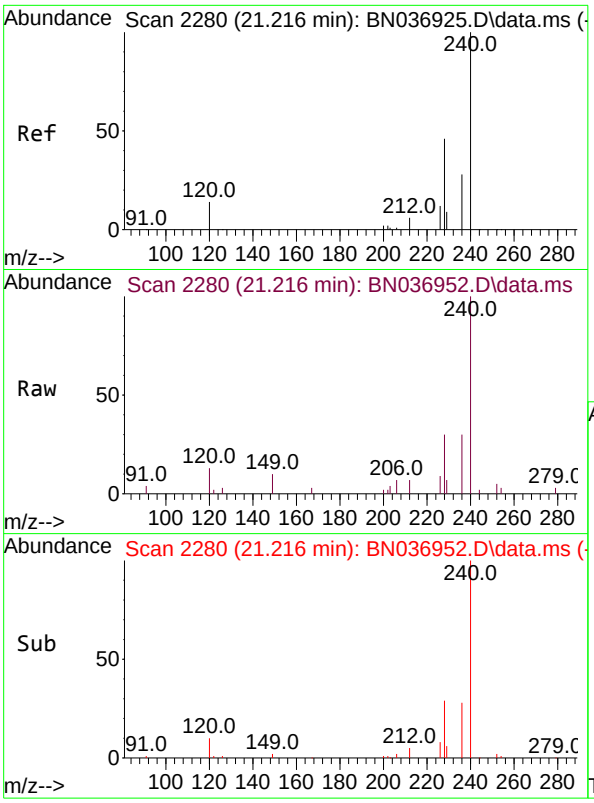


#28
Fluoranthene
Concen: 0.349 ng
RT: 19.087 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:202 Resp: 7000

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.0	13.7	20.5



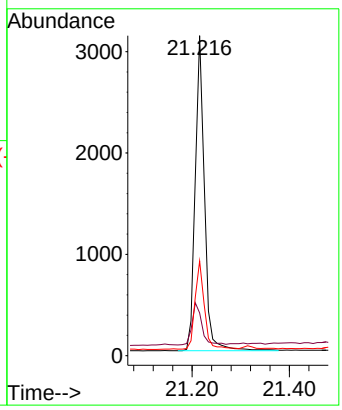


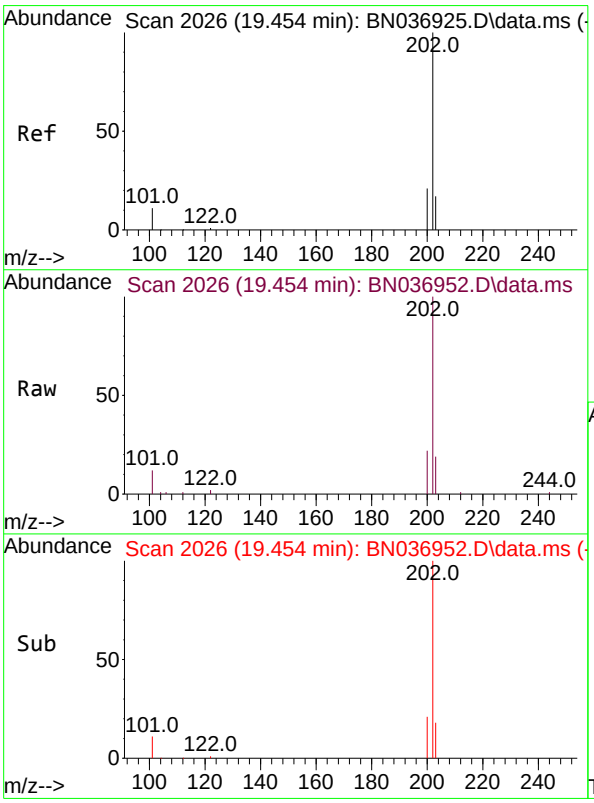
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:240 Resp: 4126

Ion	Ratio	Lower	Upper
240	100		
120	13.4	14.1	21.1#
236	29.6	23.8	35.8

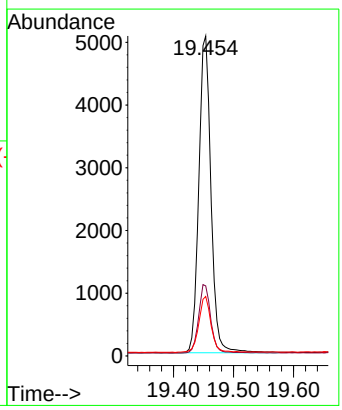


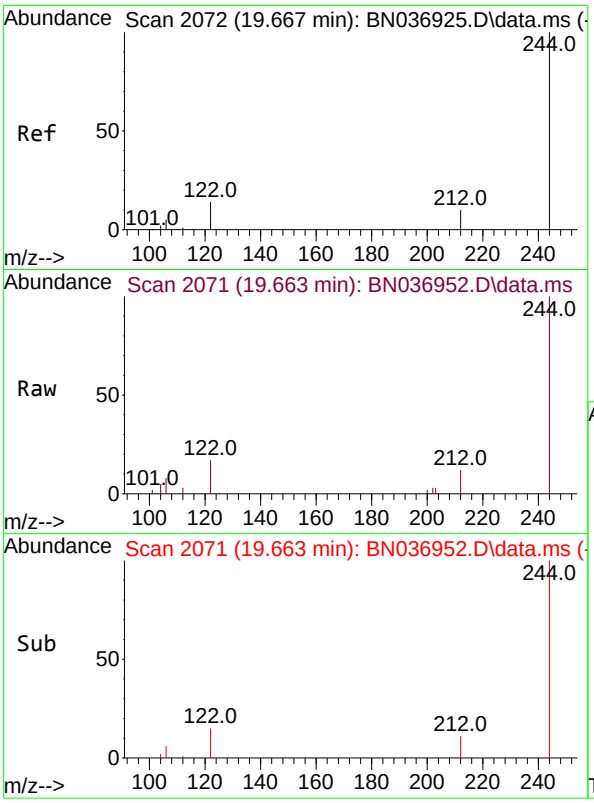


#30
Pyrene
Concen: 0.357 ng
RT: 19.454 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:202 Resp: 7102

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.9	14.0	21.0



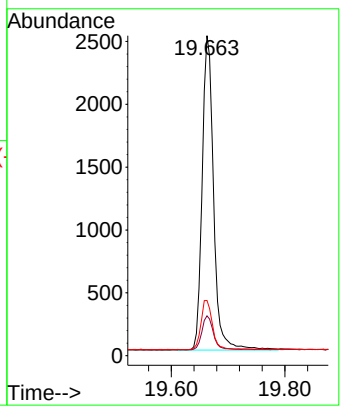


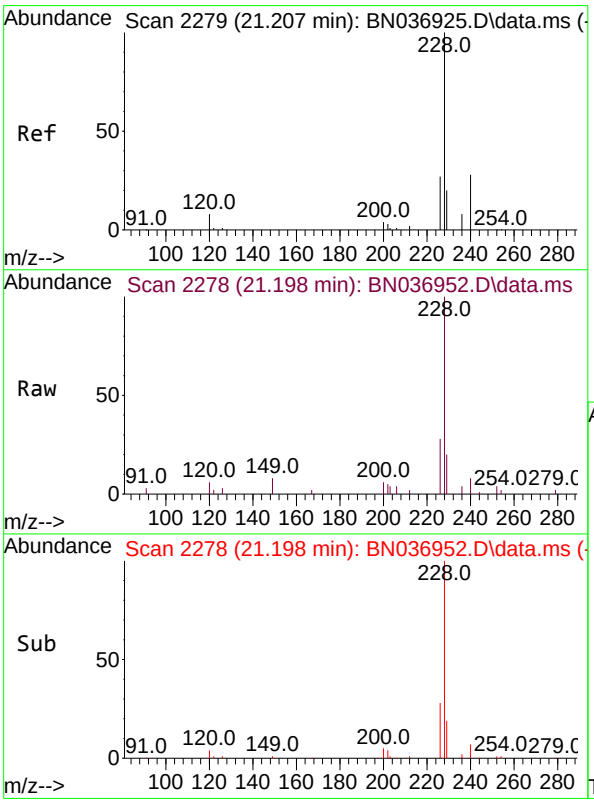
#31
Terphenyl-d14
Concen: 0.359 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:244 Resp: 3494

Ion	Ratio	Lower	Upper
244	100		
212	12.5	9.6	14.4
122	17.2	12.7	19.1

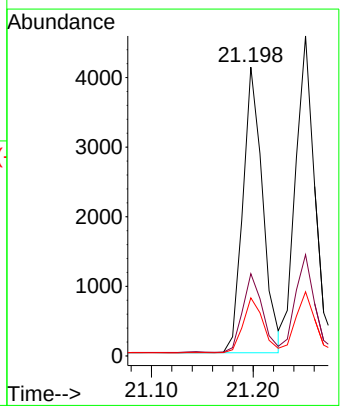


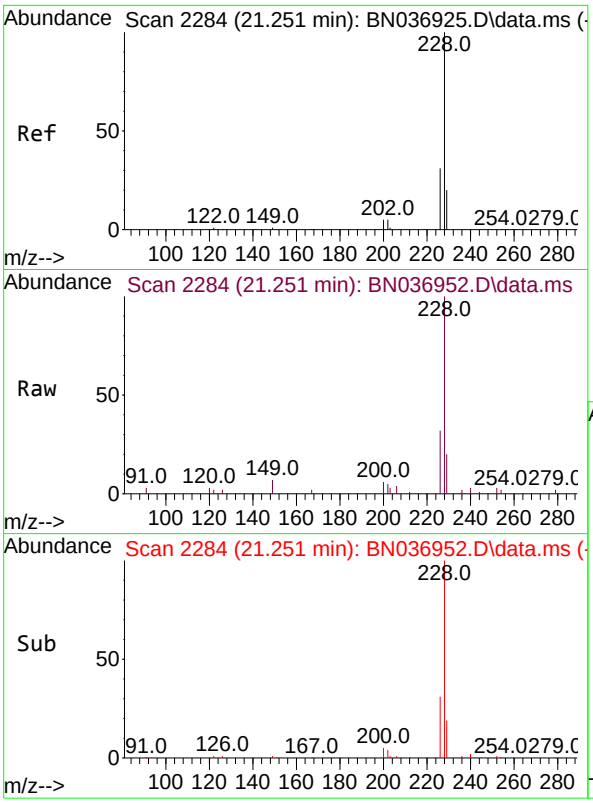


#32
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:228 Resp: 5546

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	20.1	16.4	24.6



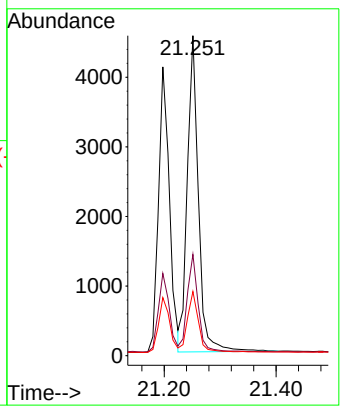


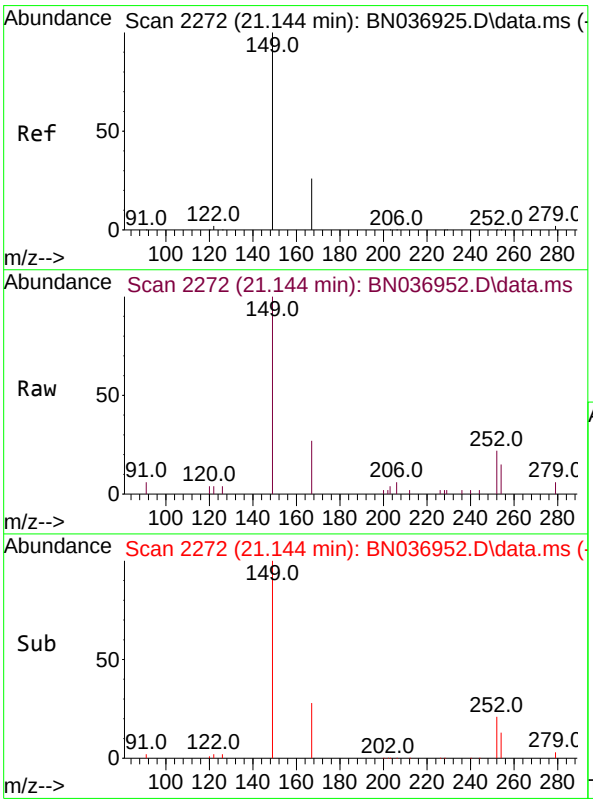
#33
Chrysene
Concen: 0.381 ng
RT: 21.251 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:228 Resp: 6250

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.0	16.5	24.7

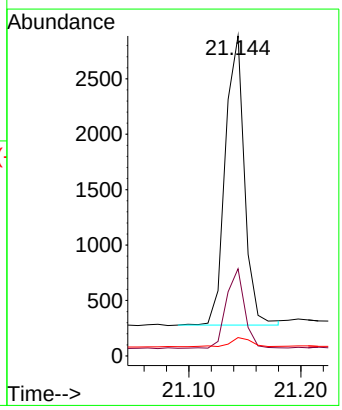


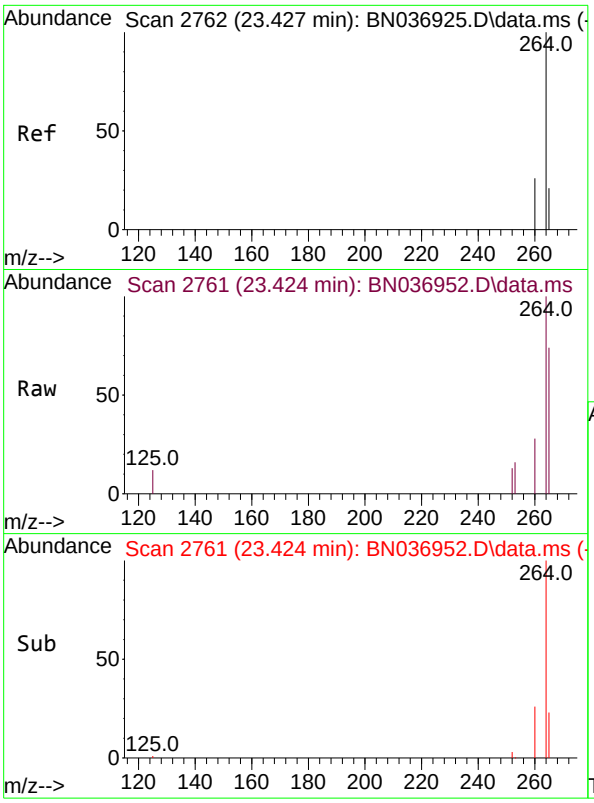


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.359 ng
RT: 21.144 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:149 Resp: 3105

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.6
279	3.3	2.7	4.1



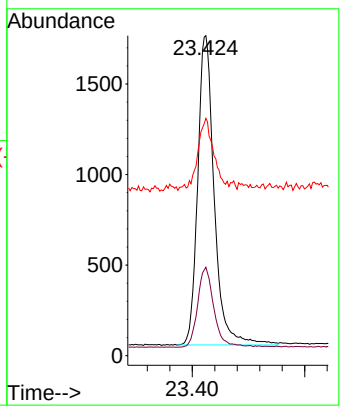


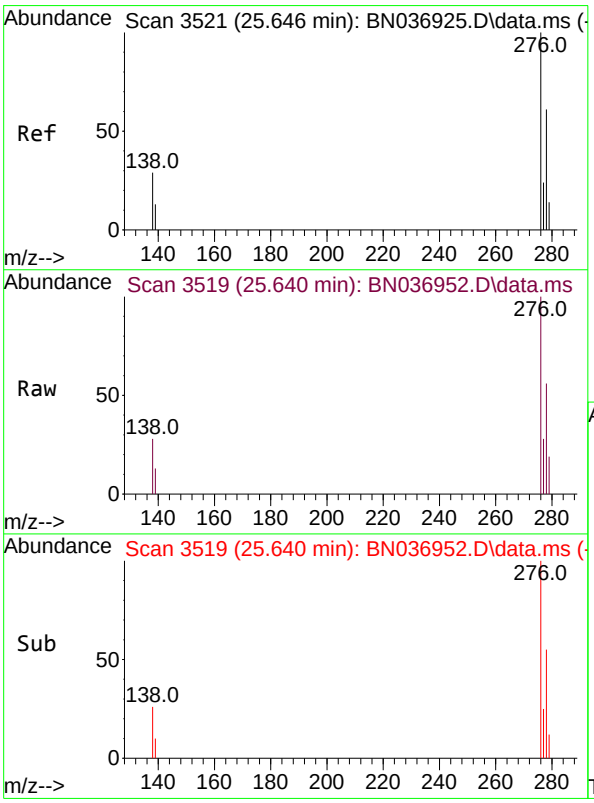
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.424 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:264 Resp: 3488

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.2	33.2
265	74.1	65.8	98.6

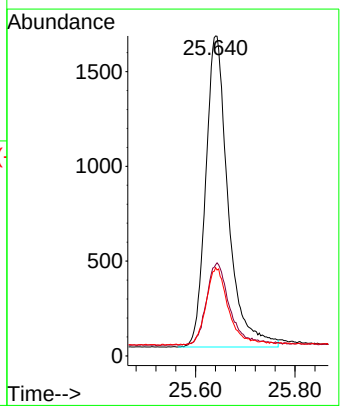


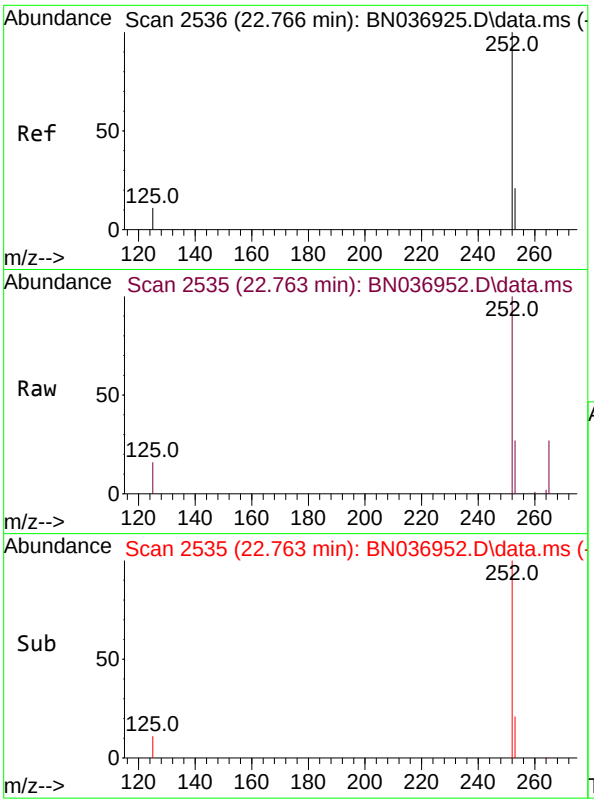


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng
RT: 25.640 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:276 Resp: 5142

Ion	Ratio	Lower	Upper
276	100		
138	27.1	23.0	34.6
277	24.3	20.0	30.0



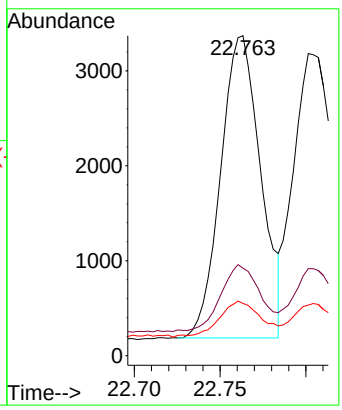


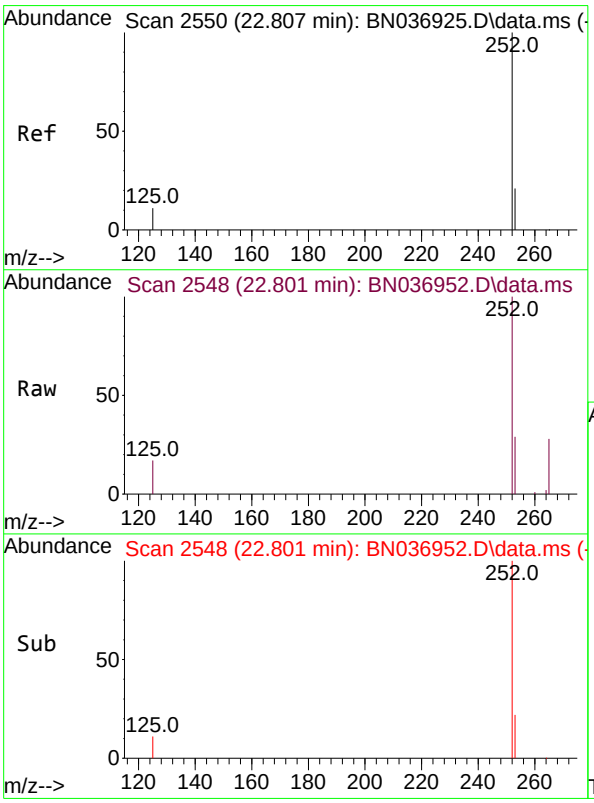
#37
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.763 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:252 Resp: 5169

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.1	33.1
125	16.4	14.2	21.2

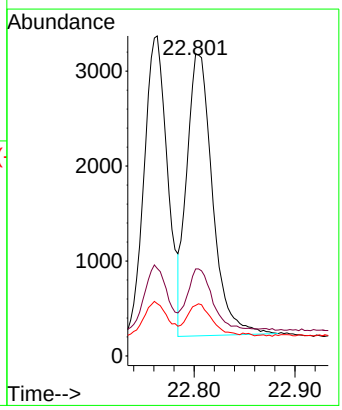


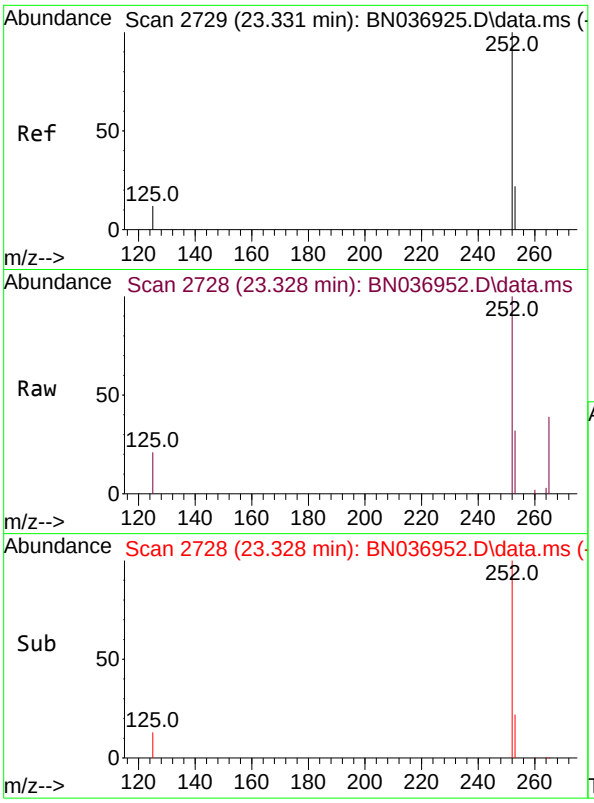


#38
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 22.801 min Scan# 2548
Delta R.T. -0.006 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:252 Resp: 5282

Ion	Ratio	Lower	Upper
252	100		
253	28.8	22.8	34.2
125	16.7	14.2	21.2



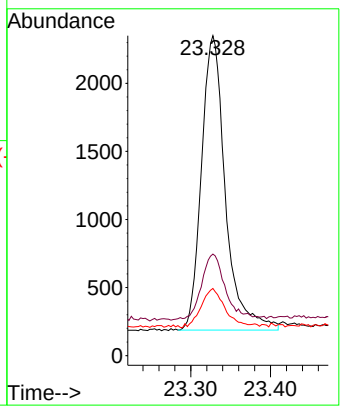


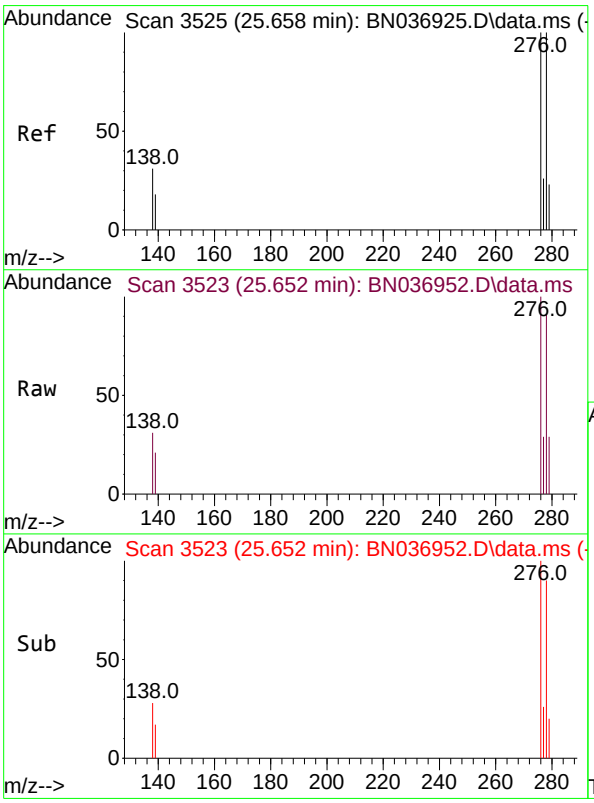
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.328 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:252 Resp: 4501

Ion	Ratio	Lower	Upper
252	100		
253	31.7	25.9	38.9
125	21.0	17.4	26.0

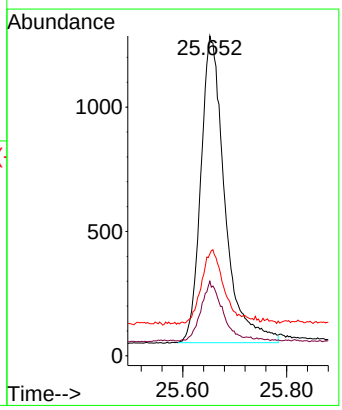


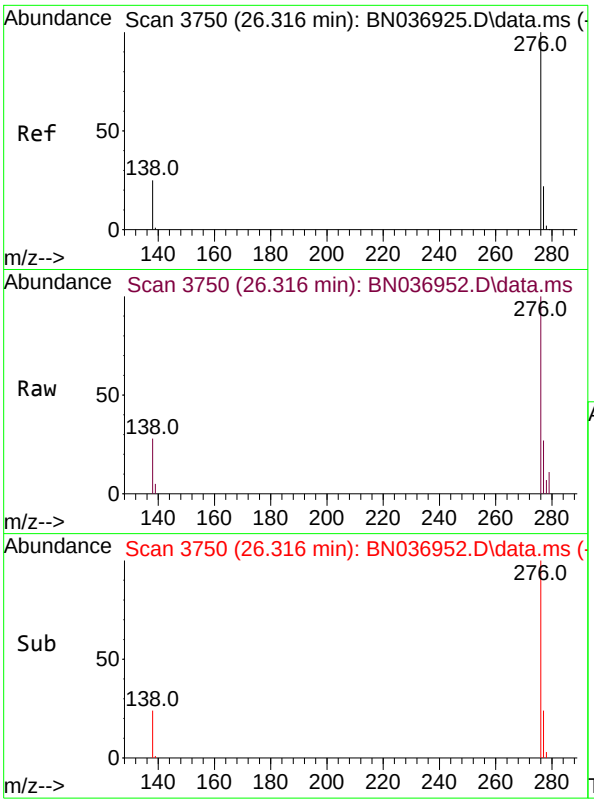


#40
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 25.652 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Tgt Ion:278 Resp: 3958

Ion	Ratio	Lower	Upper
278	100		
139	23.3	17.4	26.2
279	31.9	24.9	37.3





#41
Benzo(g,h,i)perylene
Concen: 0.328 ng
RT: 26.316 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036952.D
Acq: 30 Apr 2025 18:17

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Tgt Ion:276 Resp: 4079

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.2	30.2
138	28.0	21.9	32.9