Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021325\
Data File : BN036459.D
Acq On : 13 Feb 2025 09:48
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 13 10:19:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

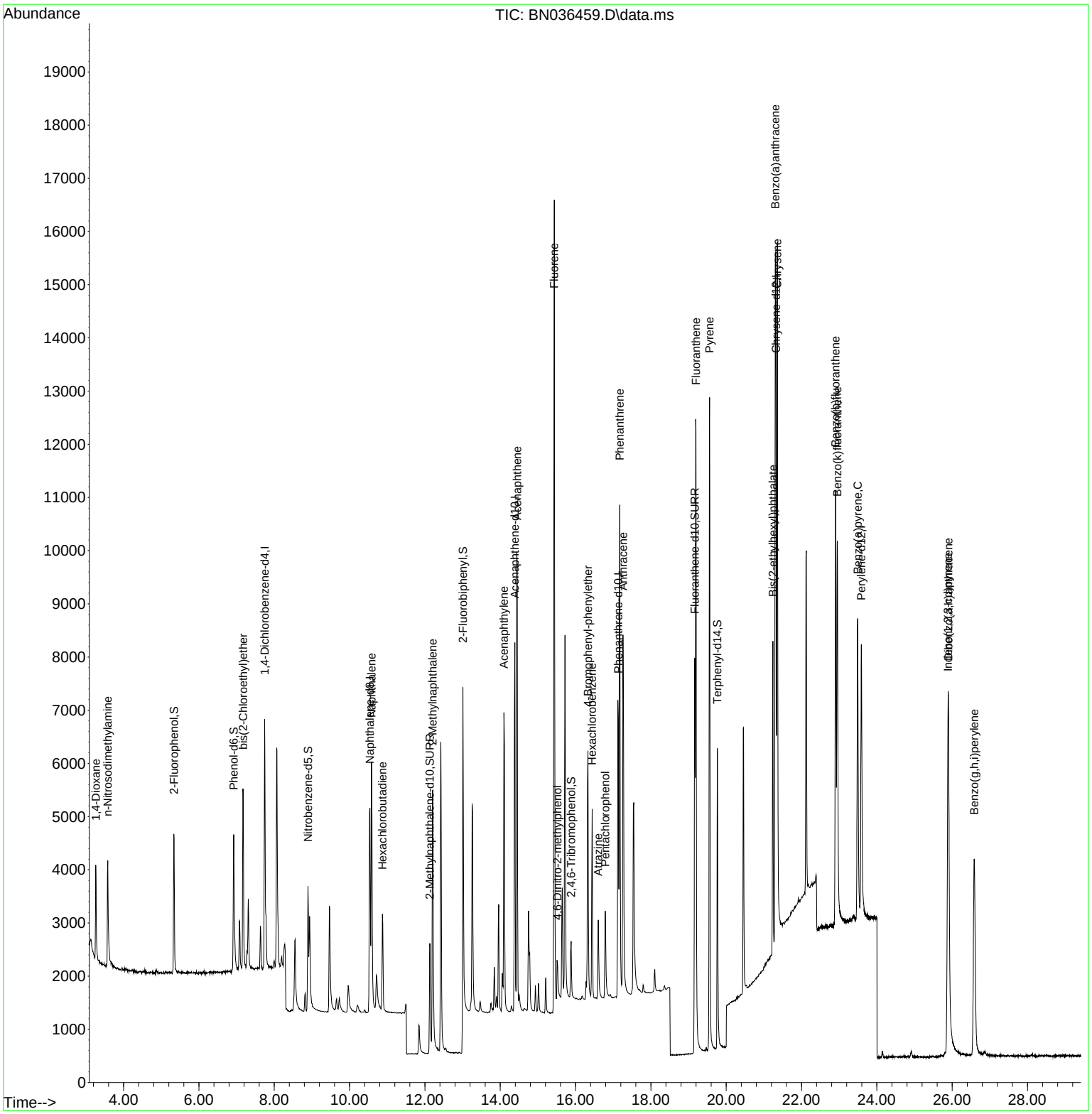
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2295	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	6046	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	4260	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	9055	0.400	ng	# 0.00
29) Chrysene-d12	21.322	240	8060	0.400	ng	# 0.00
35) Perylene-d12	23.590	264	7613	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2082	0.384	ng	0.00
5) Phenol-d6	6.923	99	2499	0.393	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2249	0.377	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	3635	0.391	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	683	0.323	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	6058	0.378	ng	-0.01
27) Fluoranthene-d10	19.164	212	9538	0.379	ng	0.00
31) Terphenyl-d14	19.764	244	6621	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	988	0.393	ng	99
3) n-Nitrosodimethylamine	3.579	42	1708	0.392	ng	99
6) bis(2-Chloroethyl)ether	7.176	93	2655	0.399	ng	100
9) Naphthalene	10.584	128	6748	0.387	ng	99
10) Hexachlorobutadiene	10.872	225	1612	0.380	ng	# 99
12) 2-Methylnaphthalene	12.207	142	4416	0.386	ng	99
16) Acenaphthylene	14.099	152	6811	0.362	ng	99
17) Acenaphthene	14.452	154	4644	0.370	ng	99
18) Fluorene	15.435	166	6610	0.369	ng	99
20) 4,6-Dinitro-2-methylph...	15.523	198	580	0.326	ng	# 82
21) 4-Bromophenyl-phenylether	16.329	248	2091	0.387	ng	# 81
22) Hexachlorobenzene	16.441	284	2609	0.391	ng	98
23) Atrazine	16.602	200	1588	0.352	ng	96
24) Pentachlorophenol	16.789	266	1066	0.337	ng	96
25) Phenanthrene	17.173	178	10198	0.390	ng	100
26) Anthracene	17.260	178	8887	0.385	ng	100
28) Fluoranthene	19.197	202	12129	0.377	ng	99
30) Pyrene	19.559	202	12323	0.397	ng	99
32) Benzo(a)anthracene	21.304	228	10305	0.389	ng	99
33) Chrysene	21.358	228	12019	0.419	ng	97
34) Bis(2-ethylhexyl)phtha...	21.241	149	5624	0.340	ng	99
36) Indeno(1,2,3-cd)pyrene	25.887	276	9599	0.361	ng	100
37) Benzo(b)fluoranthene	22.902	252	10269	0.410	ng	98
38) Benzo(k)fluoranthene	22.952	252	10723	0.416	ng	99
39) Benzo(a)pyrene	23.490	252	8881	0.406	ng	95
40) Dibenzo(a,h)anthracene	25.902	278	7499	0.357	ng	98
41) Benzo(g,h,i)perylene	26.586	276	8475	0.356	ng	99

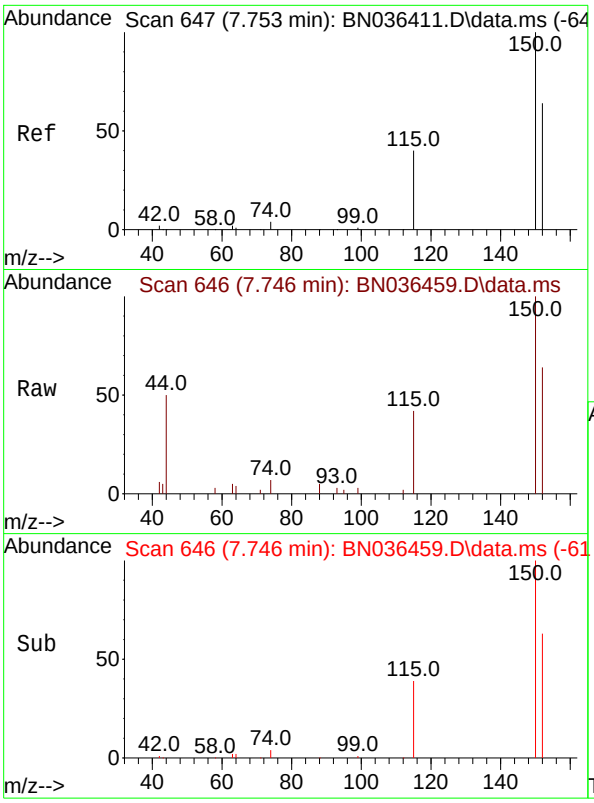
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021325\
Data File : BN036459.D
Acq On : 13 Feb 2025 09:48
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 13 10:19:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



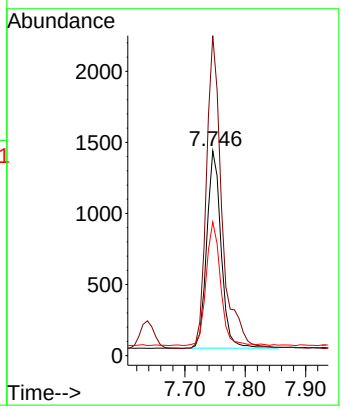


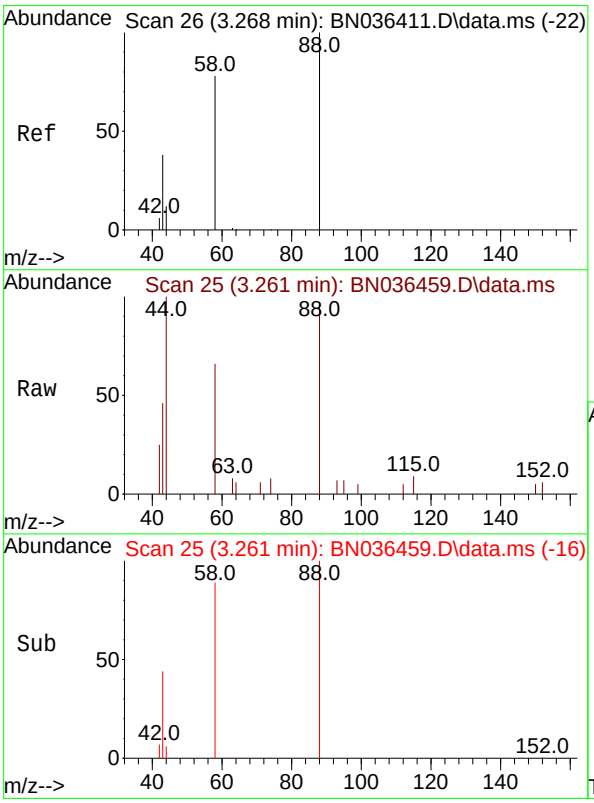
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2295

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.7	185.5
115	65.3	52.5	78.7

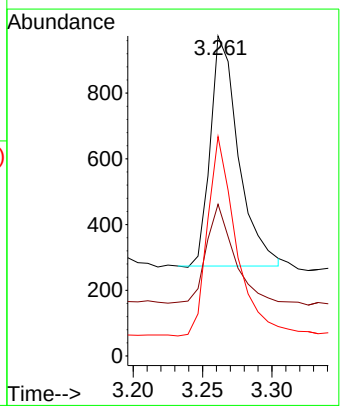


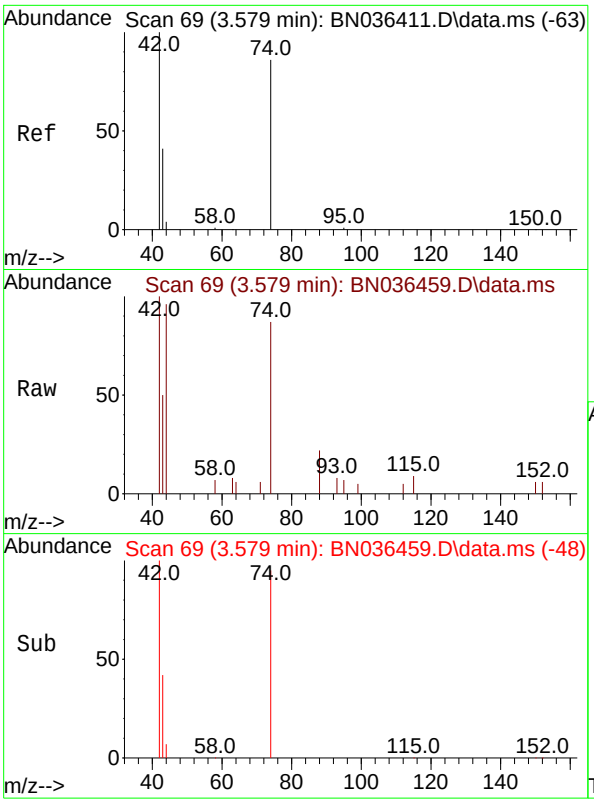


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.261 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion: 88 Resp: 988

Ion	Ratio	Lower	Upper
88	100		
43	42.4	33.7	50.5
58	87.2	68.9	103.3



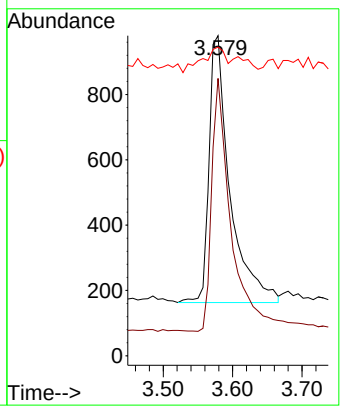


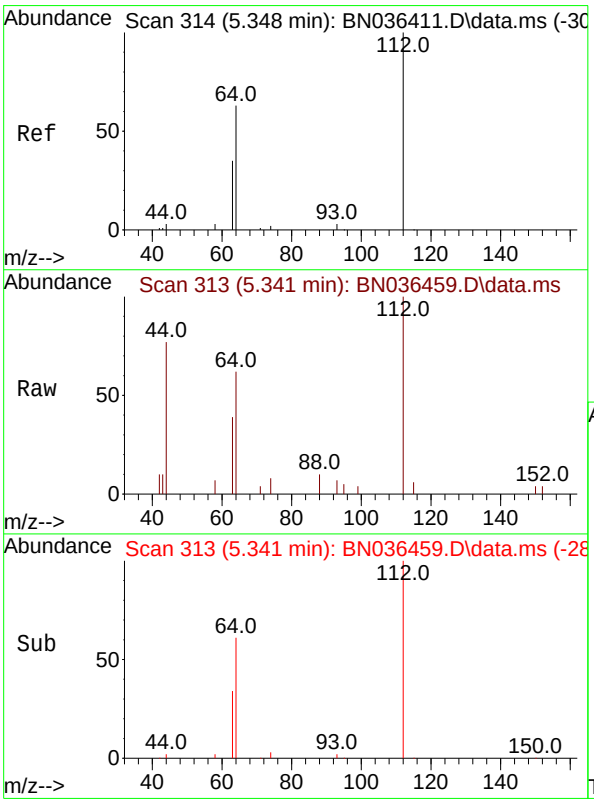
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.579 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1708

Ion	Ratio	Lower	Upper
42	100		
74	89.6	71.8	107.6
44	11.4	7.8	11.6

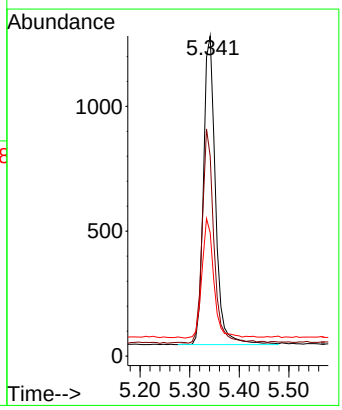


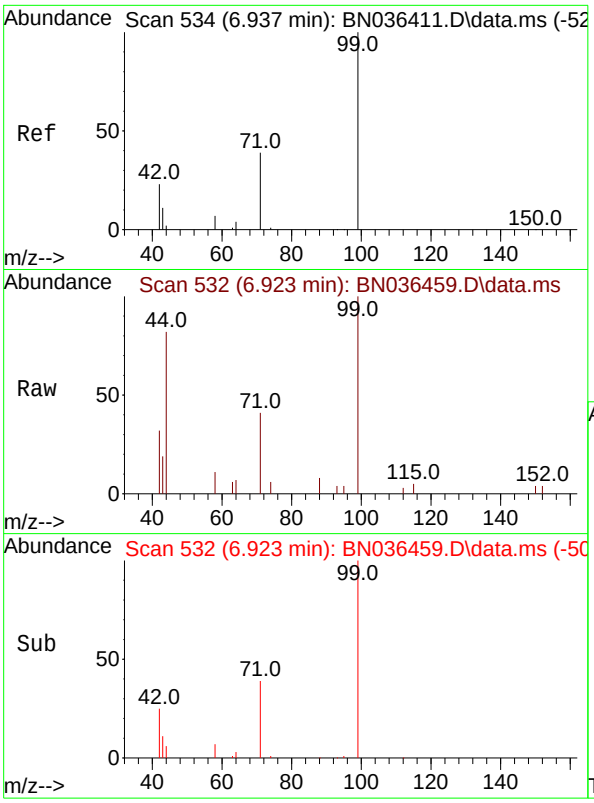


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:112 Resp: 2082

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.4	80.0
63	38.1	30.3	45.5



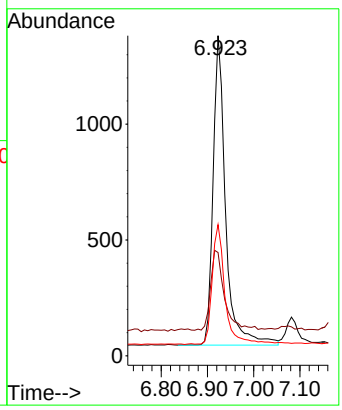


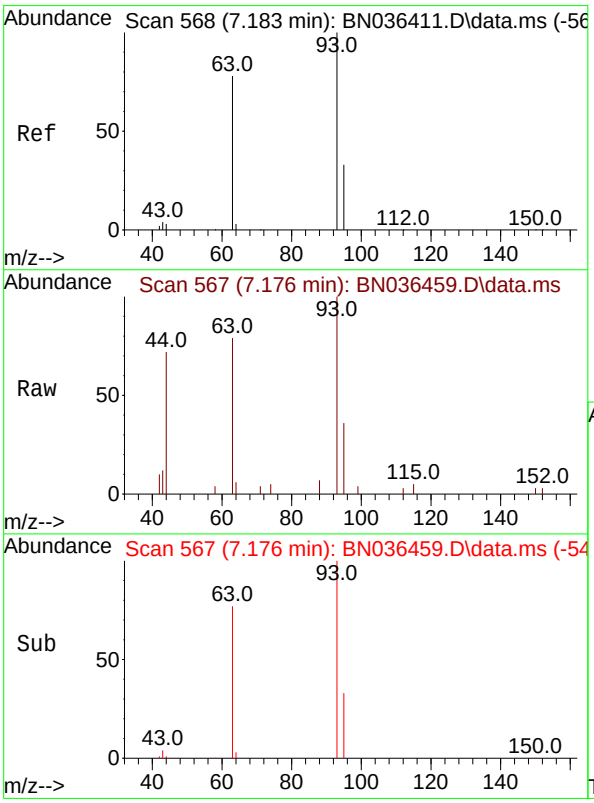
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.923 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2499

Ion	Ratio	Lower	Upper
99	100		
42	29.1	21.7	32.5
71	39.8	32.6	49.0

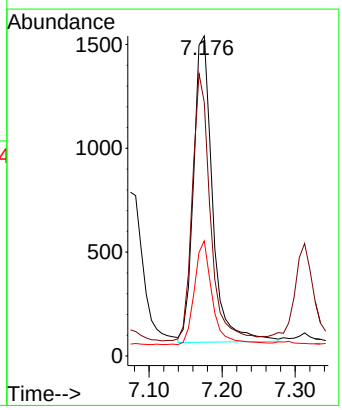


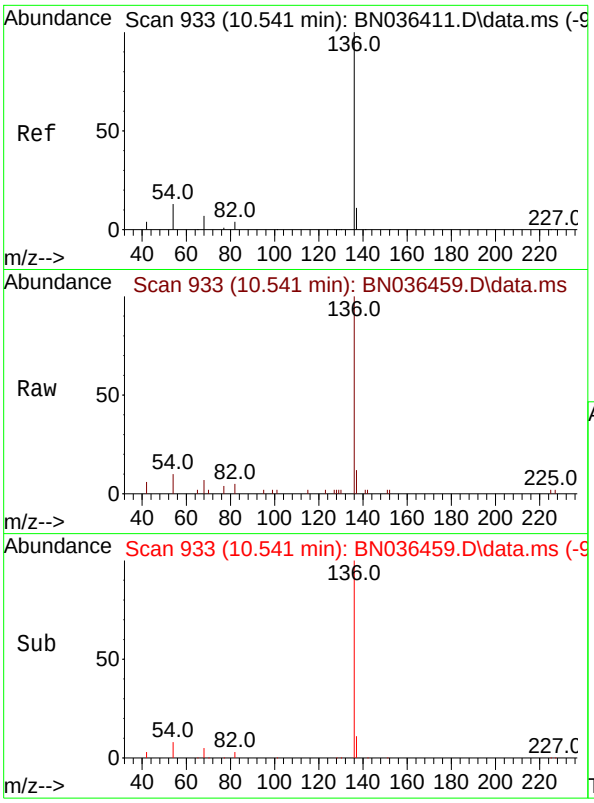


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.176 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion: 93 Resp: 2655

Ion	Ratio	Lower	Upper
93	100		
63	83.1	66.3	99.5
95	32.2	26.2	39.4



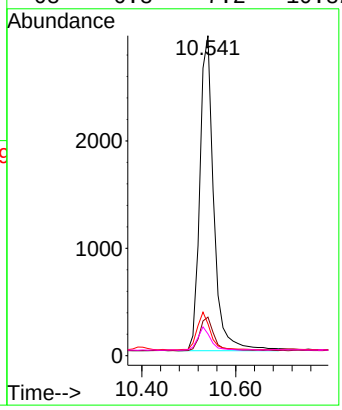


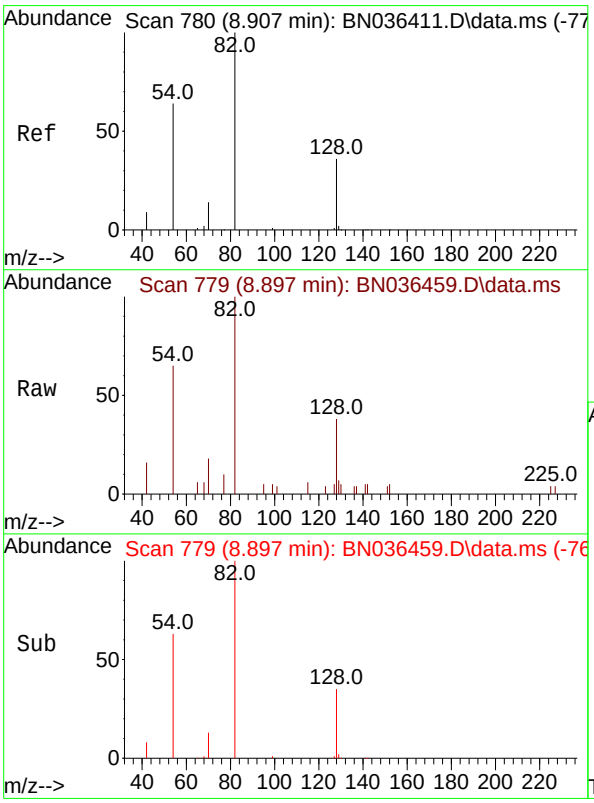
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6046

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.1	15.1
54	10.0	11.8	17.6#
68	6.8	7.2	10.8#

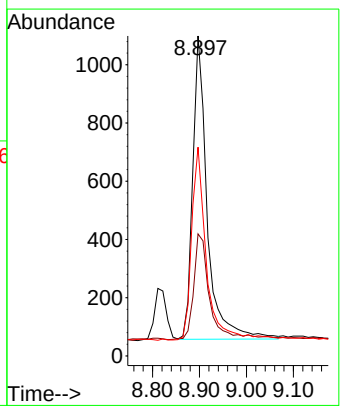


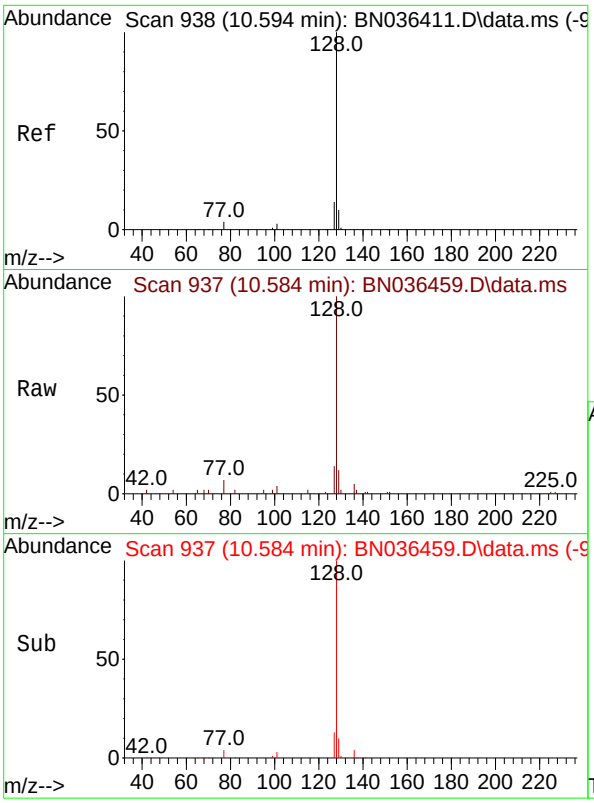


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion: 82 Resp: 2249

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.9	47.9
54	65.2	53.1	79.7



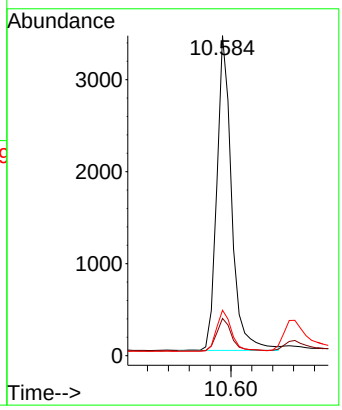


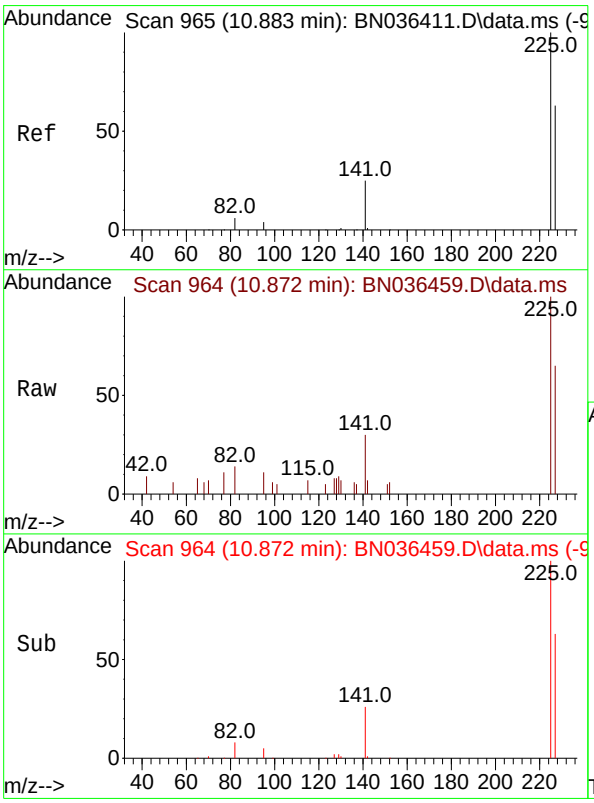
#9
Naphthalene
Concen: 0.387 ng
RT: 10.584 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6748

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	14.2	12.0	18.0

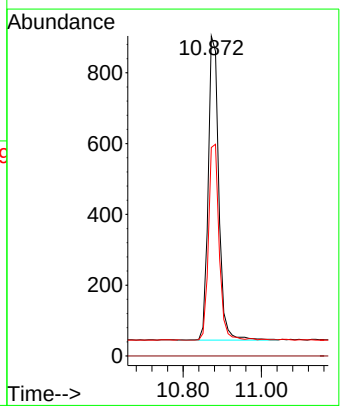


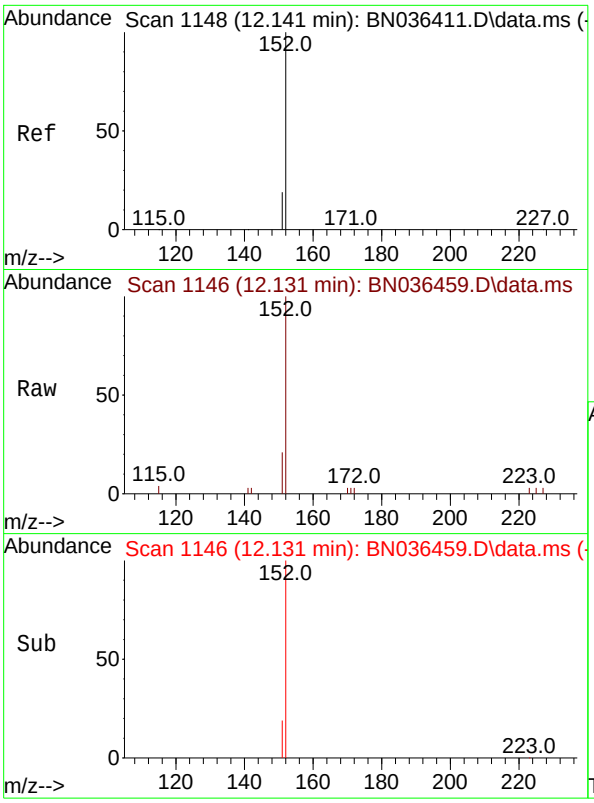


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:225 Resp: 1612

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.9	76.3



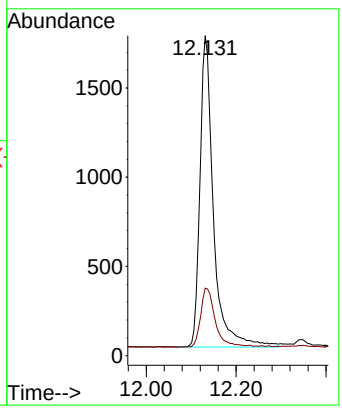


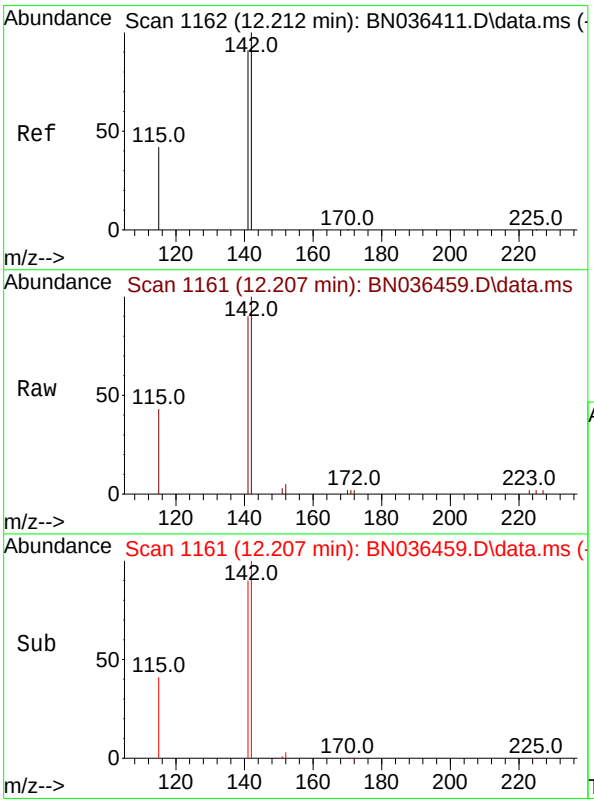
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.131 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3635

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0

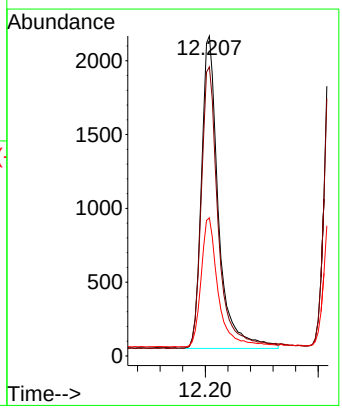


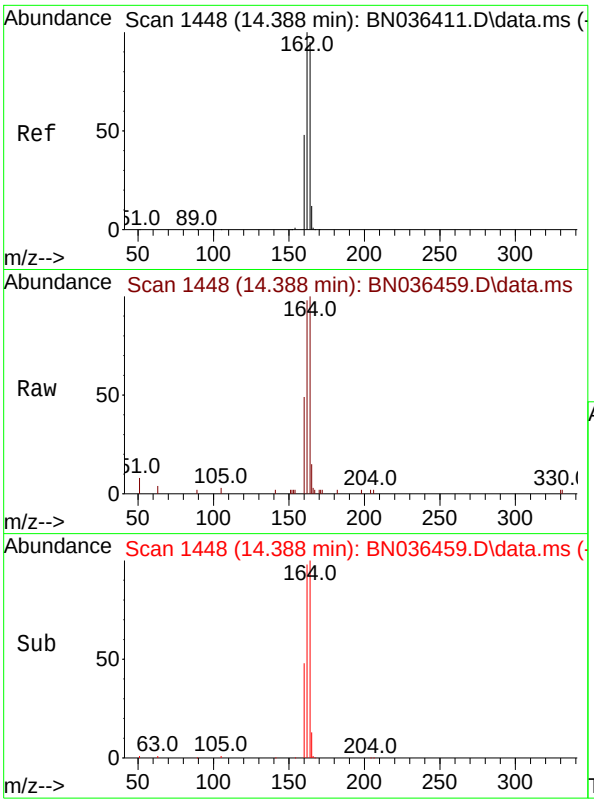


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.005 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:142 Resp: 4416

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.8	109.2
115	43.2	35.5	53.3



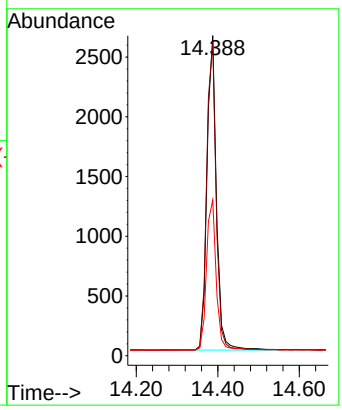


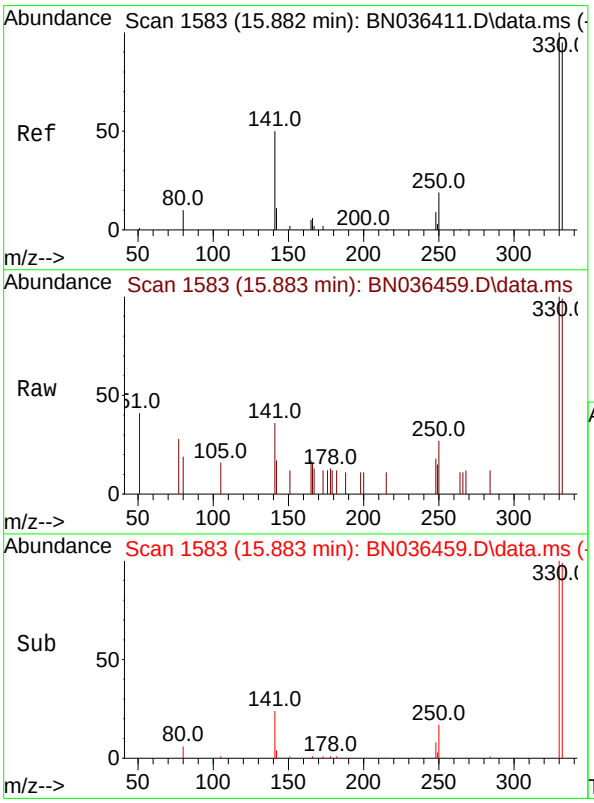
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4260

Ion	Ratio	Lower	Upper
164	100		
162	97.9	84.1	126.1
160	48.7	41.4	62.0

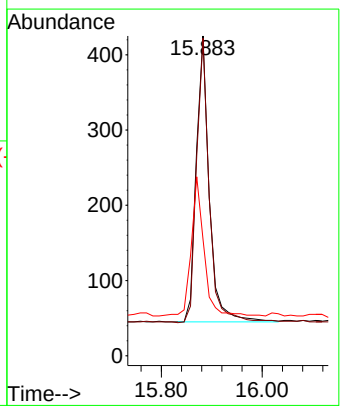


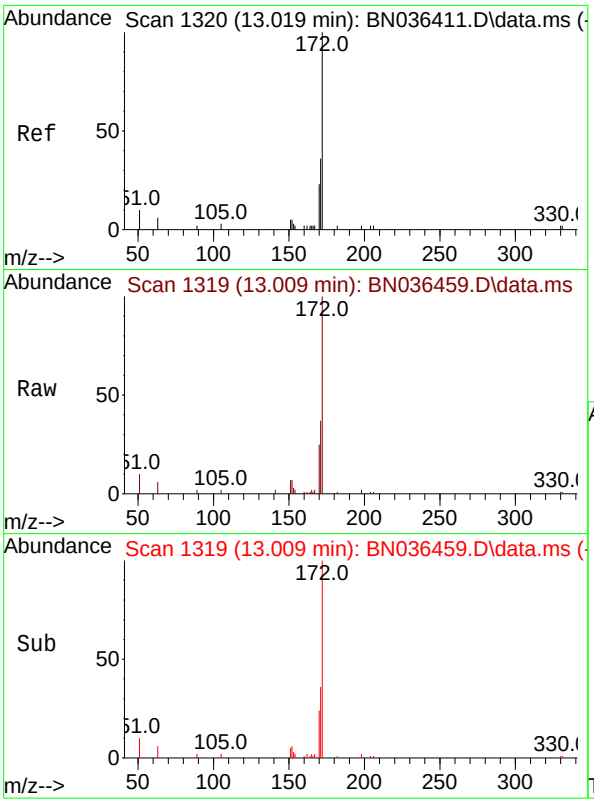


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:330 Resp: 683

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	47.1	37.8	56.8



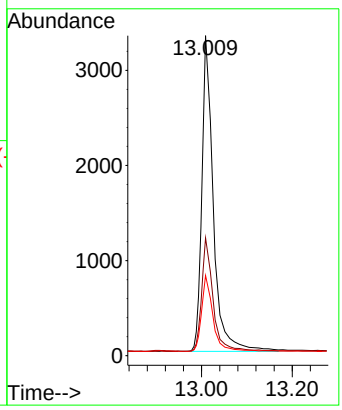


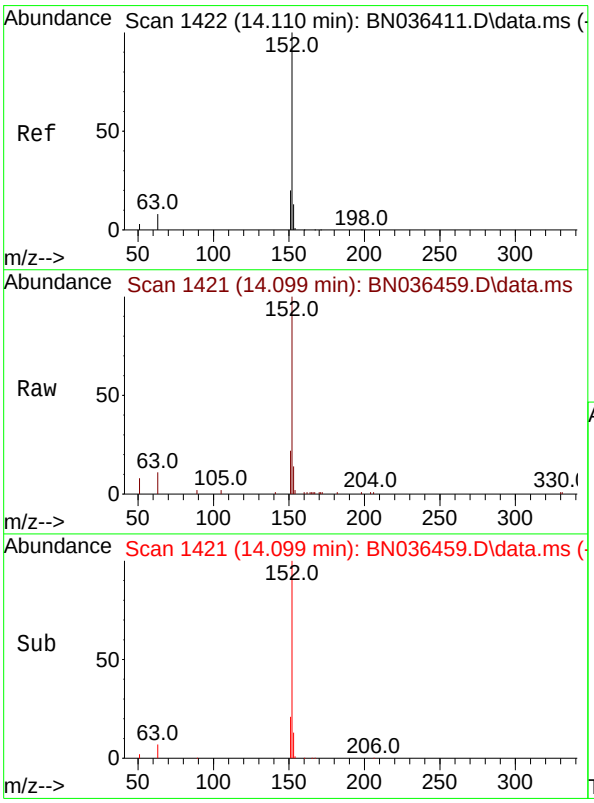
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.009 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6058

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.1	19.8	29.6

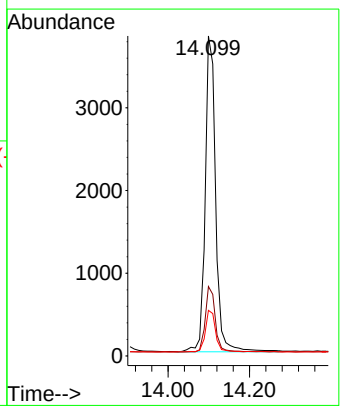


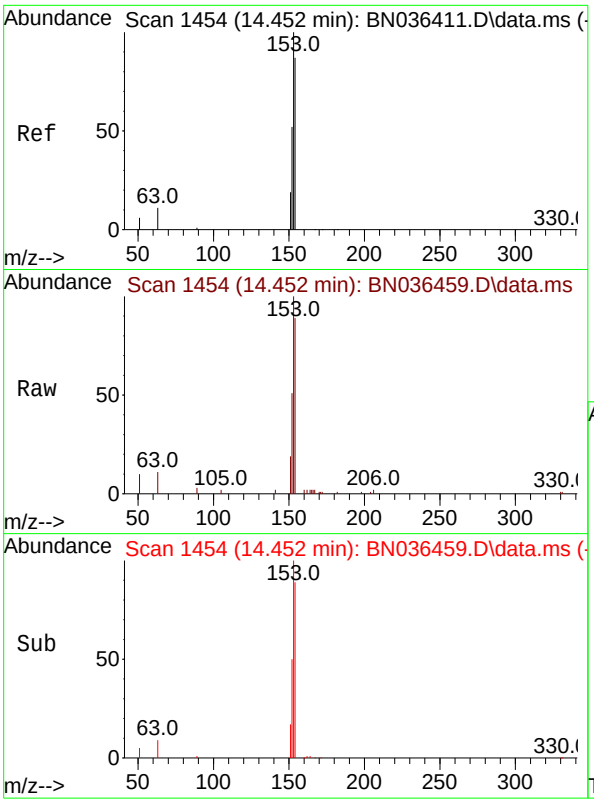


#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:152 Resp: 6811

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.0	10.2	15.2



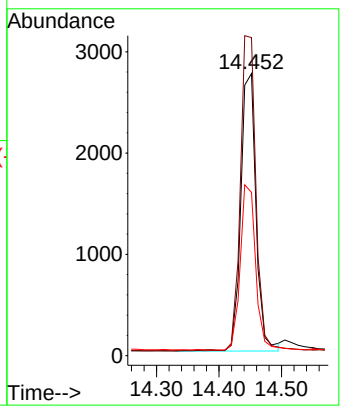


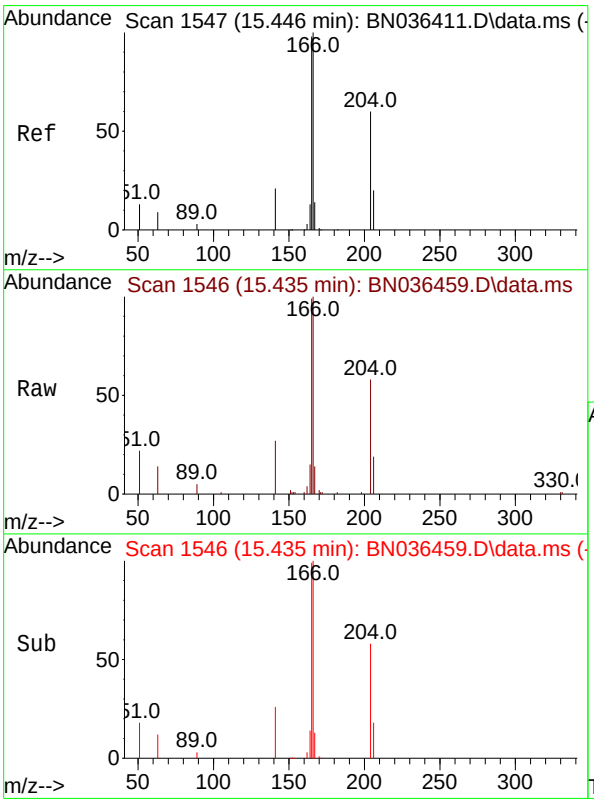
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.452 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4644

Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.3	139.9
152	59.9	48.8	73.2

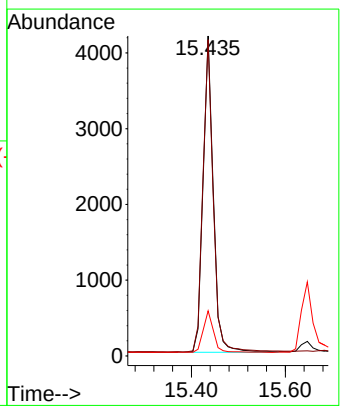


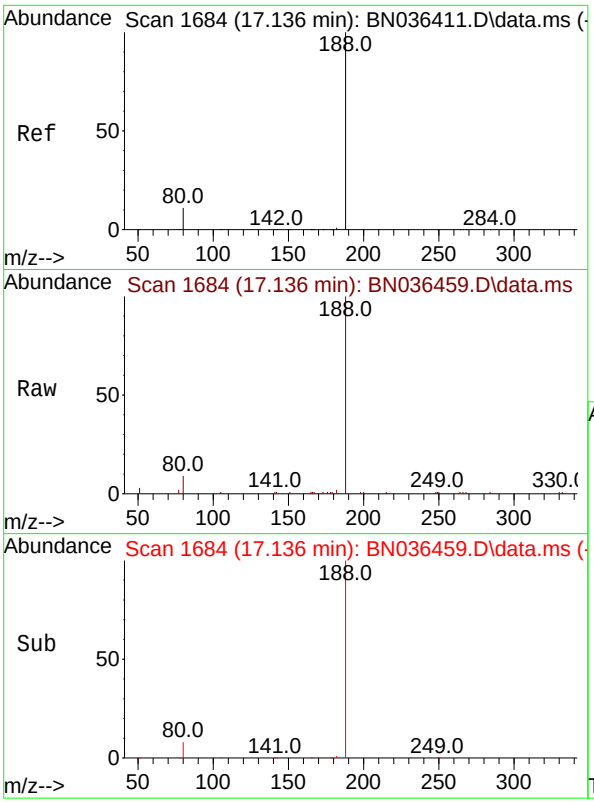


#18
Fluorene
Concen: 0.369 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:166 Resp: 6610

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.5	119.3
167	13.3	10.4	15.6



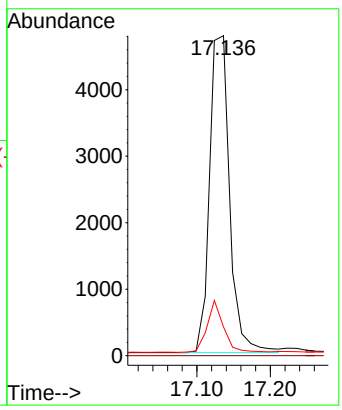


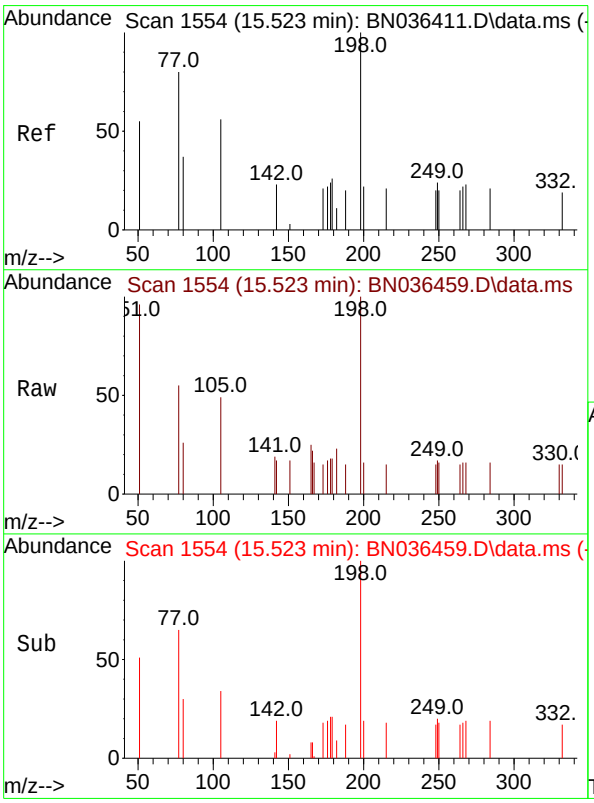
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 9055

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	9.8	14.6#

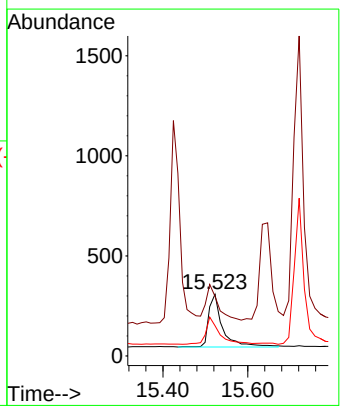


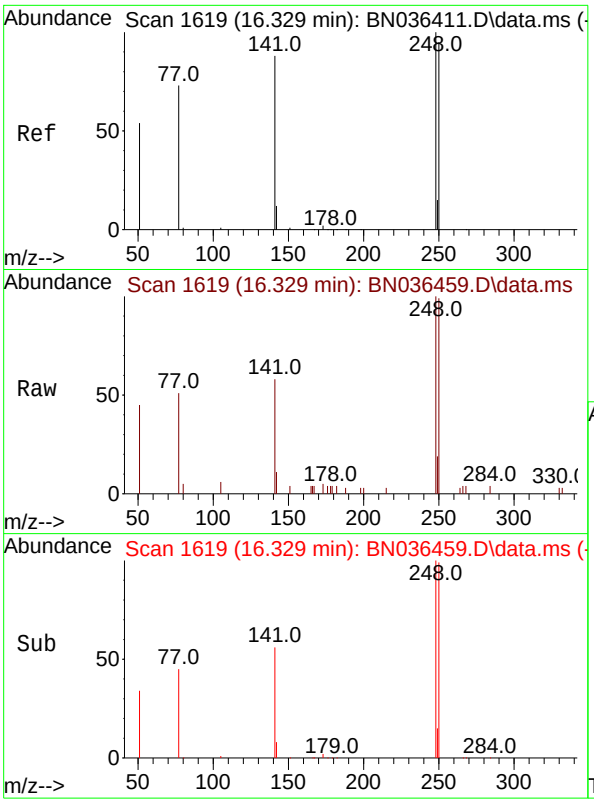


#20
4,6-Dinitro-2-methylphenol
Concen: 0.326 ng
RT: 15.523 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:198 Resp: 580

Ion	Ratio	Lower	Upper
198	100		
51	96.4	86.6	129.8
105	48.9	57.5	86.3#



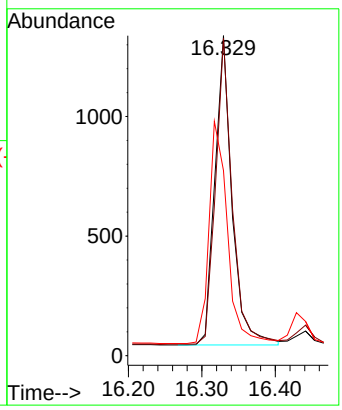


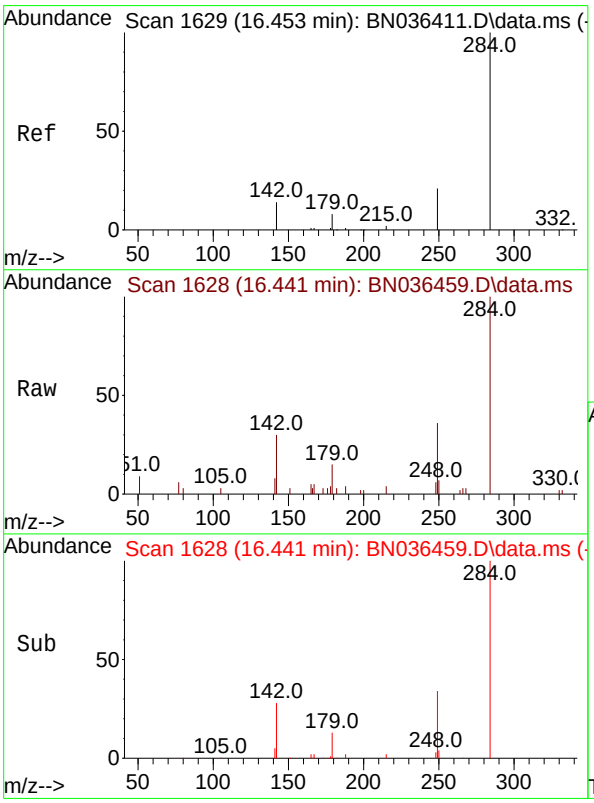
#21
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2091

Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.1	114.1
141	57.8	71.7	107.5#

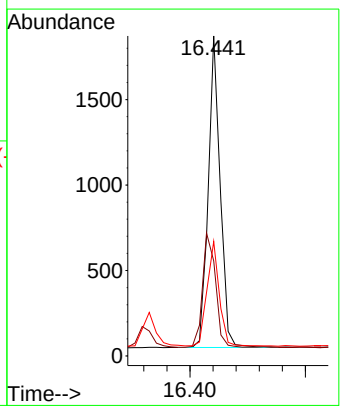


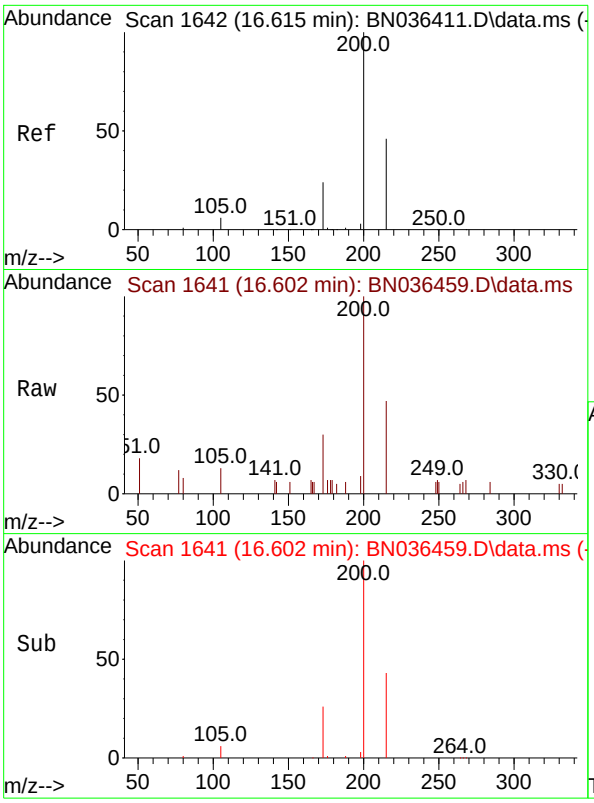


#22
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.012 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:284 Resp: 2609

Ion	Ratio	Lower	Upper
284	100		
142	39.9	33.4	50.0
249	35.0	28.6	43.0



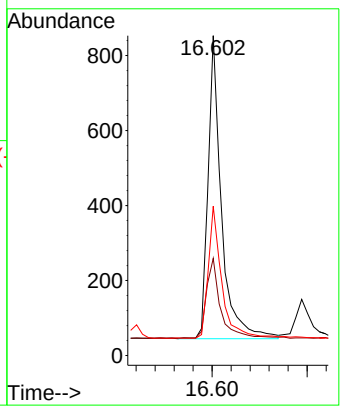


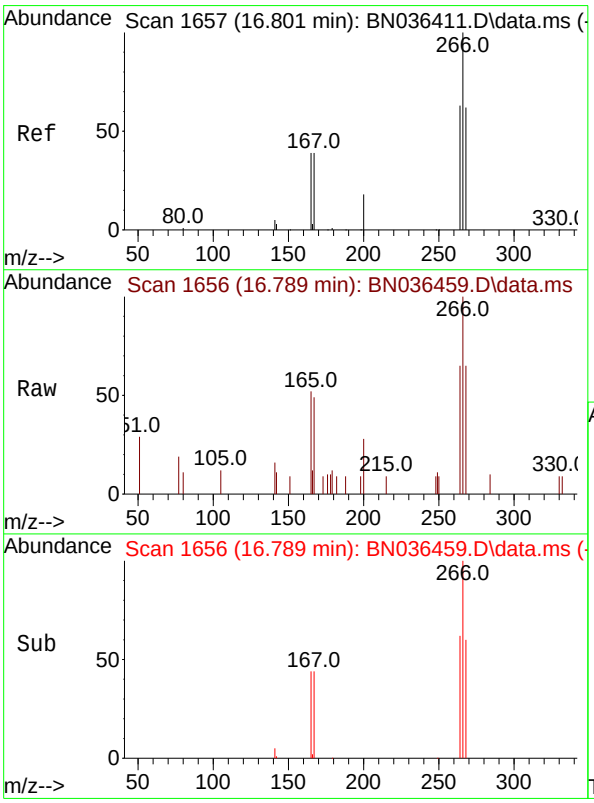
#23
Atrazine
Concen: 0.352 ng
RT: 16.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1588

Ion	Ratio	Lower	Upper
200	100		
173	30.4	23.2	34.8
215	46.7	40.0	60.0

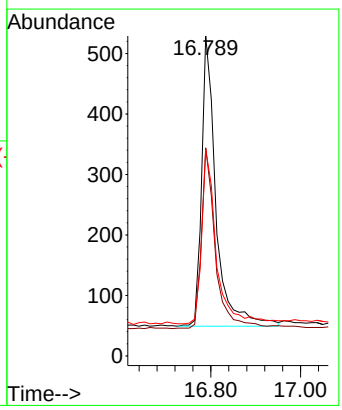


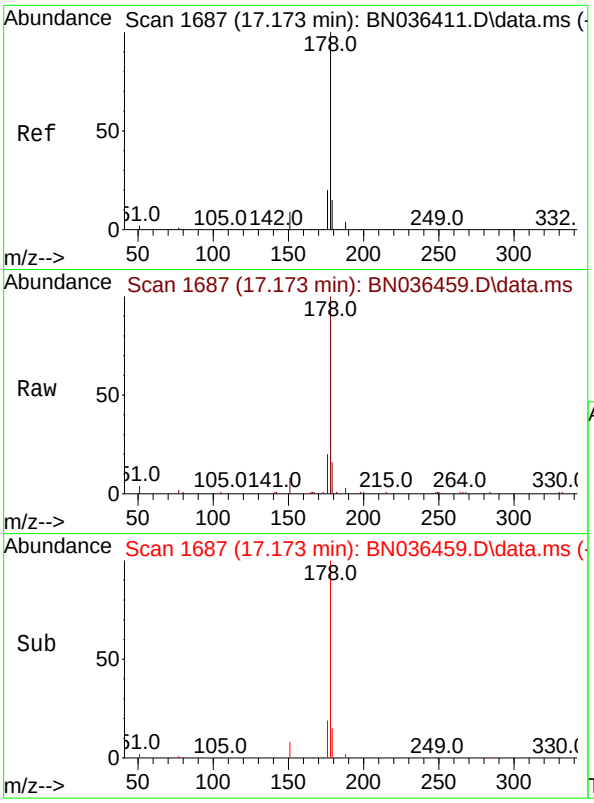


#24
Pentachlorophenol
Concen: 0.337 ng
RT: 16.789 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:266 Resp: 1066

Ion	Ratio	Lower	Upper
266	100		
264	60.3	50.6	76.0
268	61.1	51.9	77.9



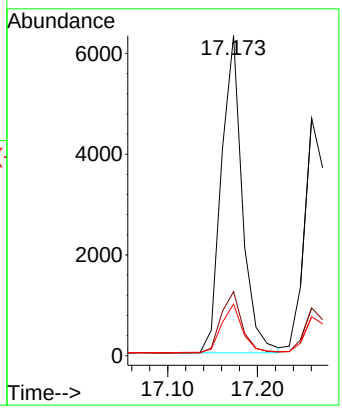


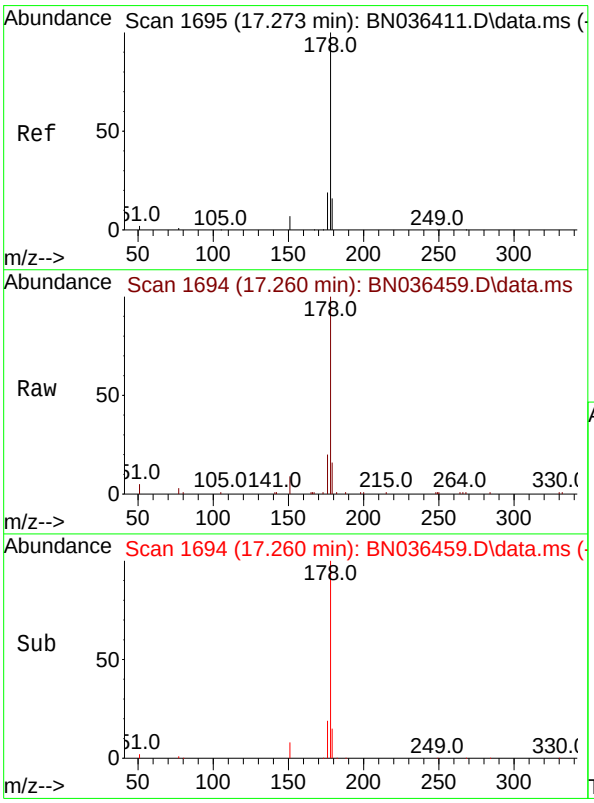
#25
Phenanthrene
Concen: 0.390 ng
RT: 17.173 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10198

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.4	12.4	18.6

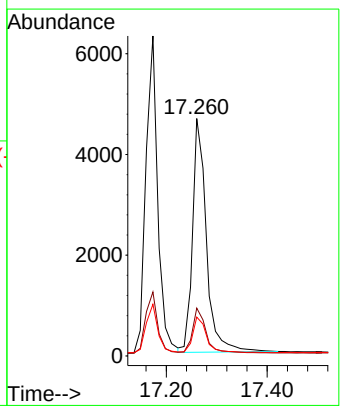


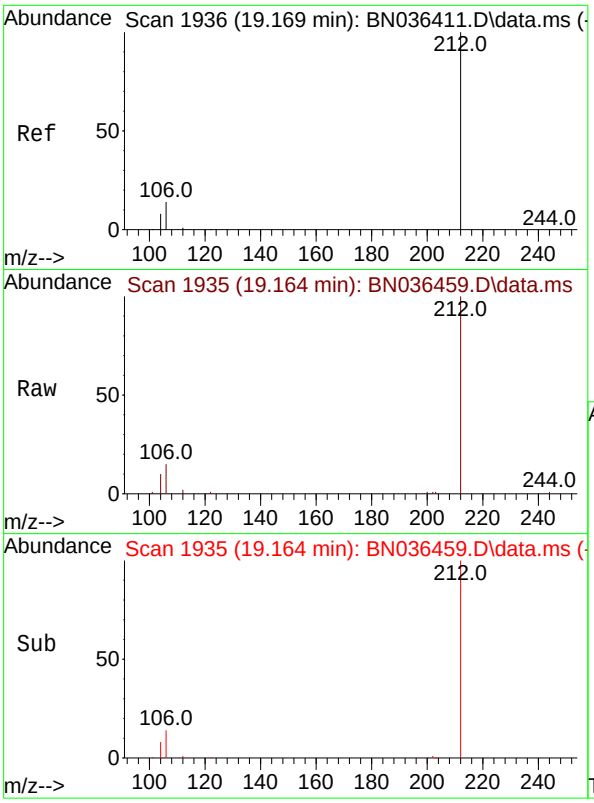


#26
Anthracene
Concen: 0.385 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:178 Resp: 8887

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.4	18.6



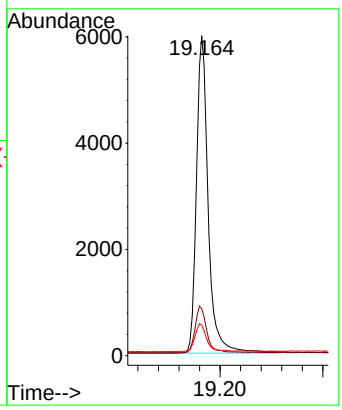


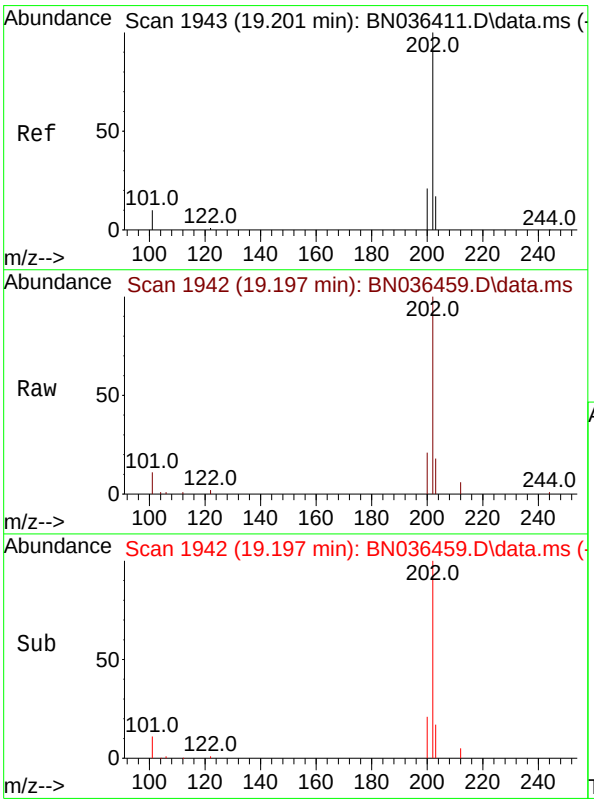
#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.164 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 9538

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.8	7.1	10.7

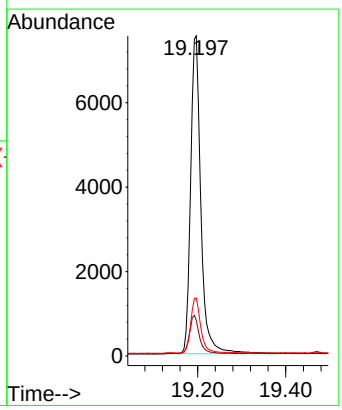


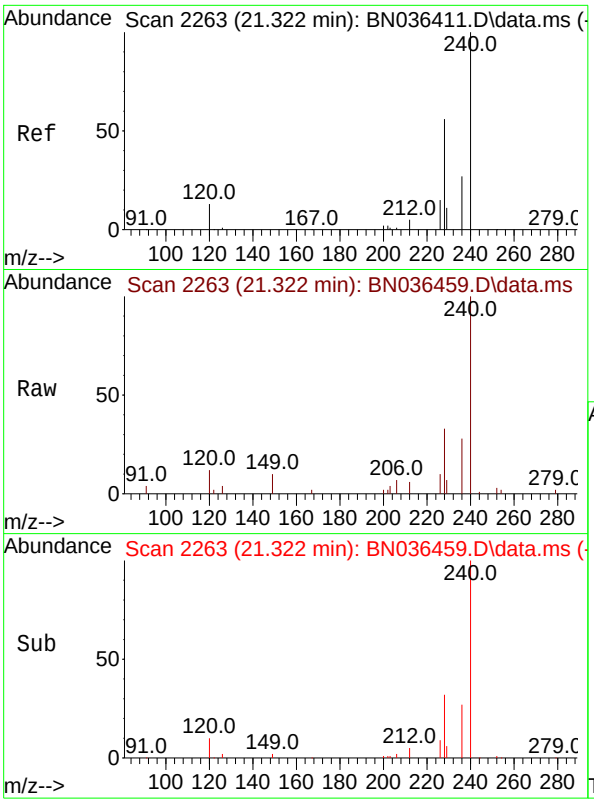


#28
Fluoranthene
Concen: 0.377 ng
RT: 19.197 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:202 Resp: 12129

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.2	13.8
203	17.2	13.4	20.0



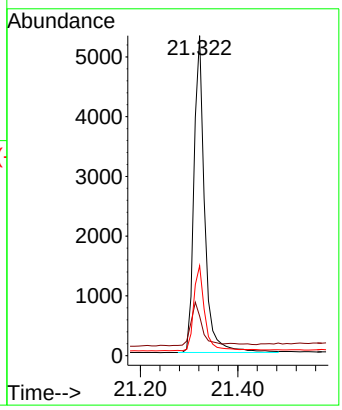


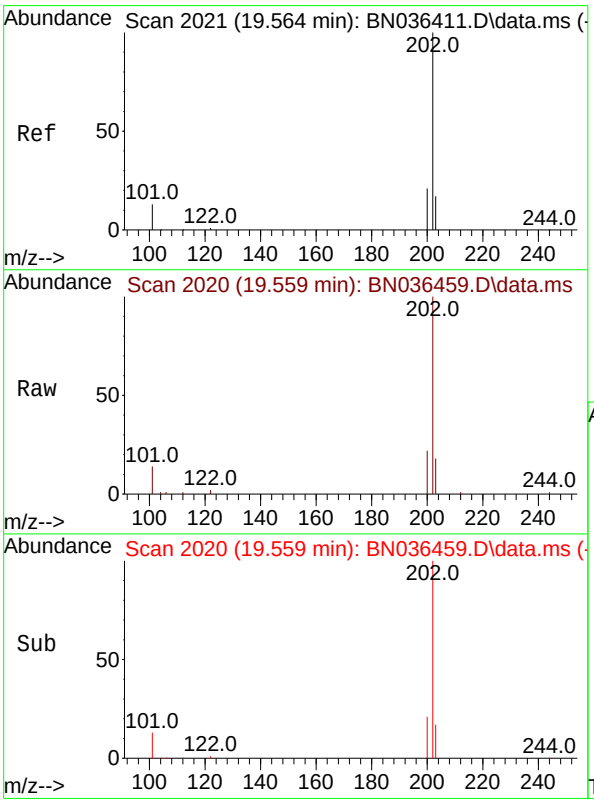
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 8060

Ion	Ratio	Lower	Upper
240	100		
120	12.3	13.3	19.9#
236	28.1	23.0	34.6

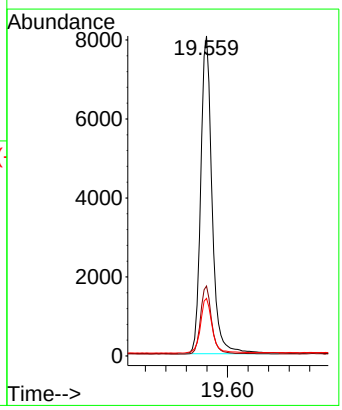


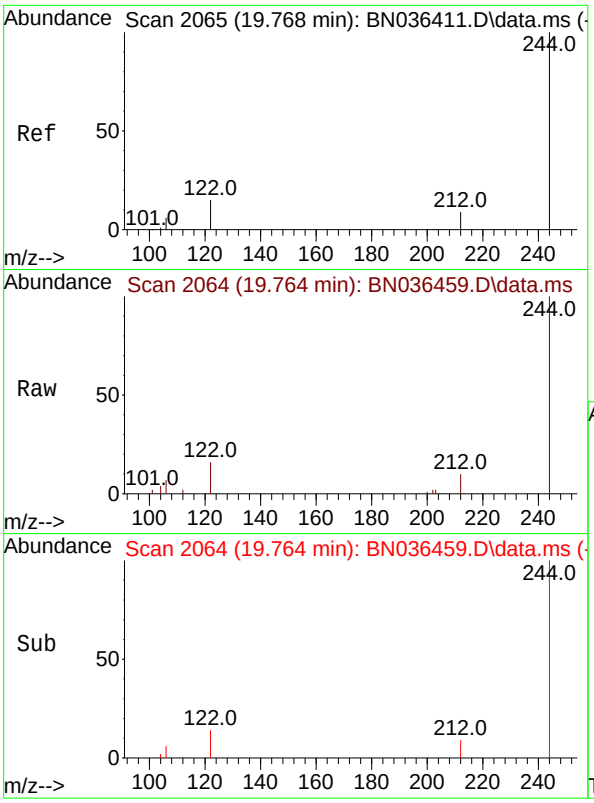


#30
Pyrene
Concen: 0.397 ng
RT: 19.559 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:202 Resp: 12323

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.8	13.9	20.9



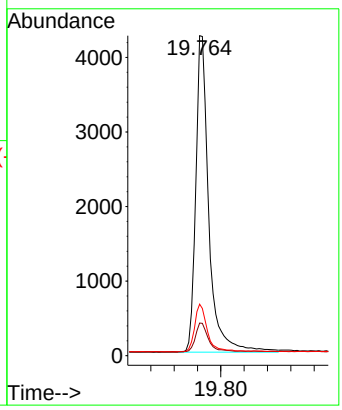


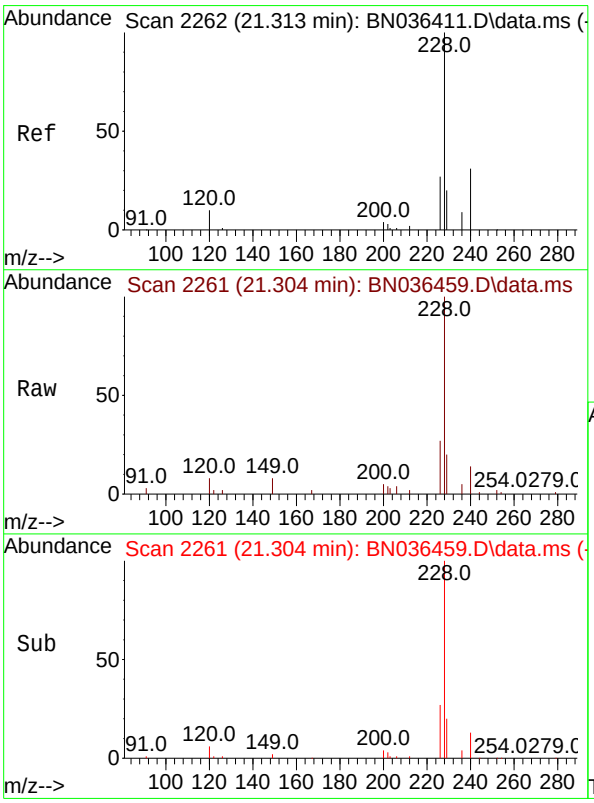
#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.764 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6621

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.1	12.1
122	16.1	12.8	19.2

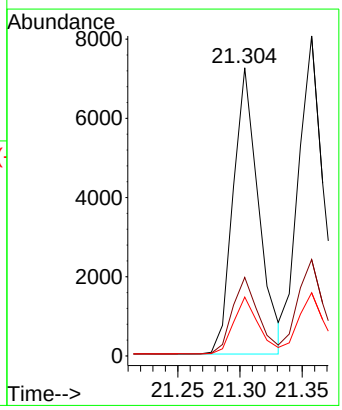


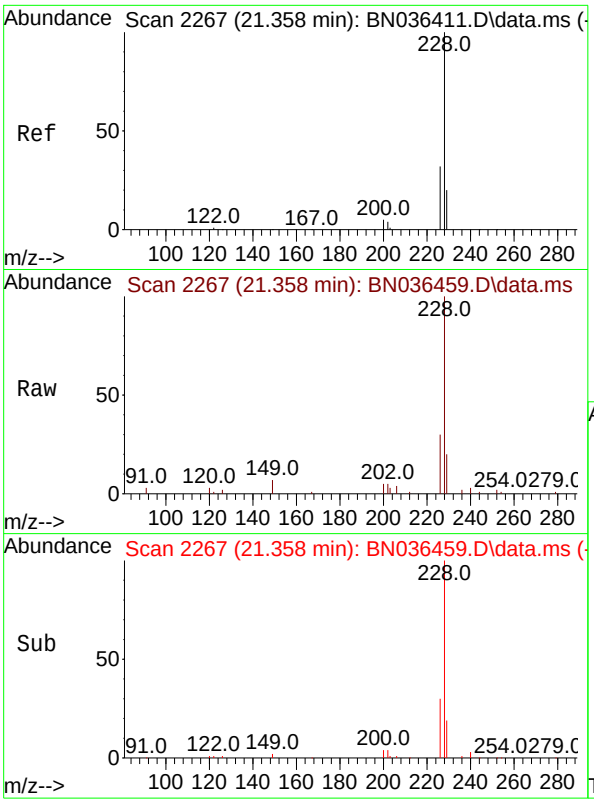


#32
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:228 Resp: 10305

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	20.5	16.5	24.7



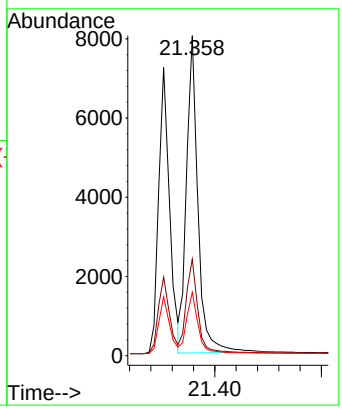


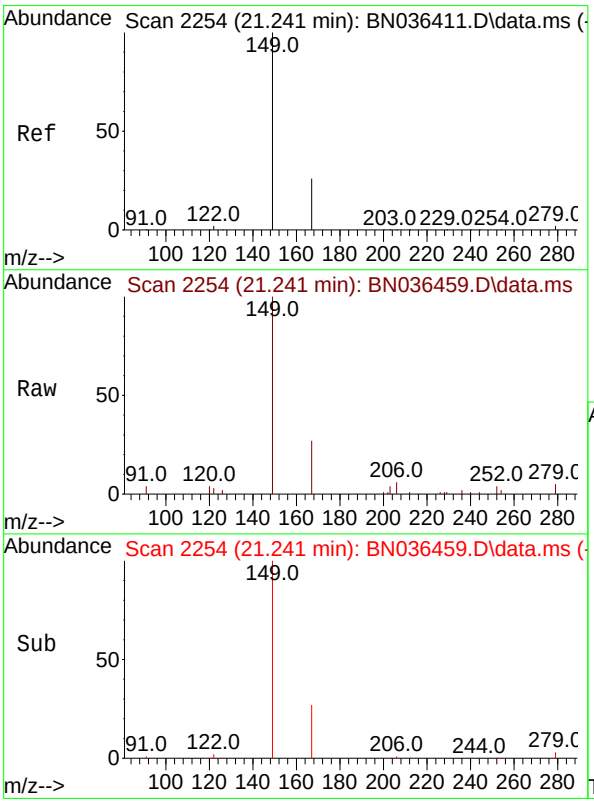
#33
Chrysene
Concen: 0.419 ng
RT: 21.358 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12019

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.5	38.3
229	19.8	16.4	24.6

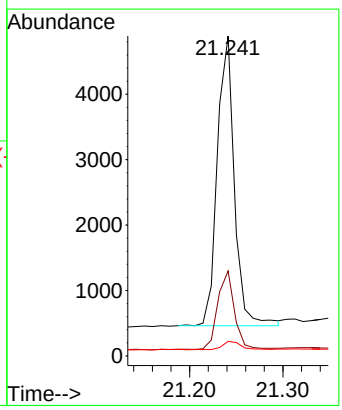


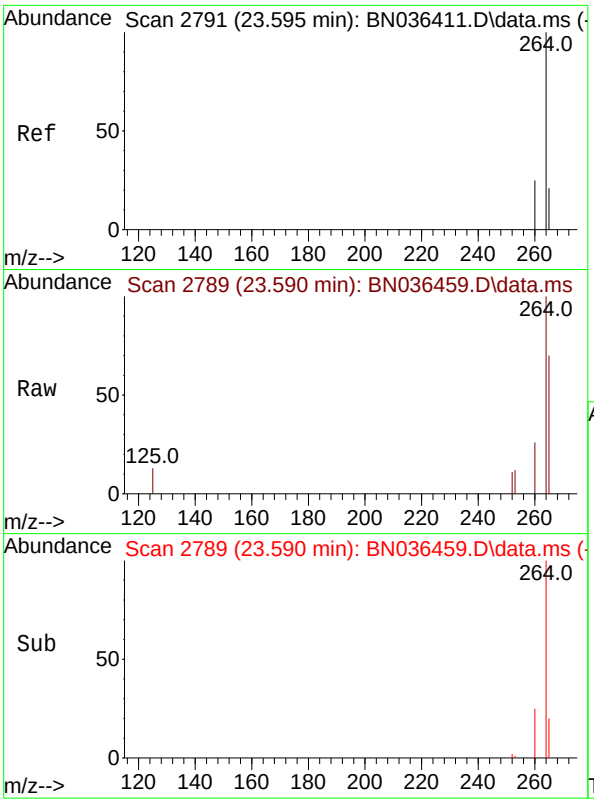


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.340 ng
RT: 21.241 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:149 Resp: 5624

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.2	31.8
279	3.0	2.7	4.1



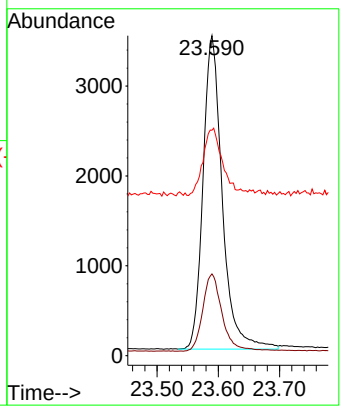


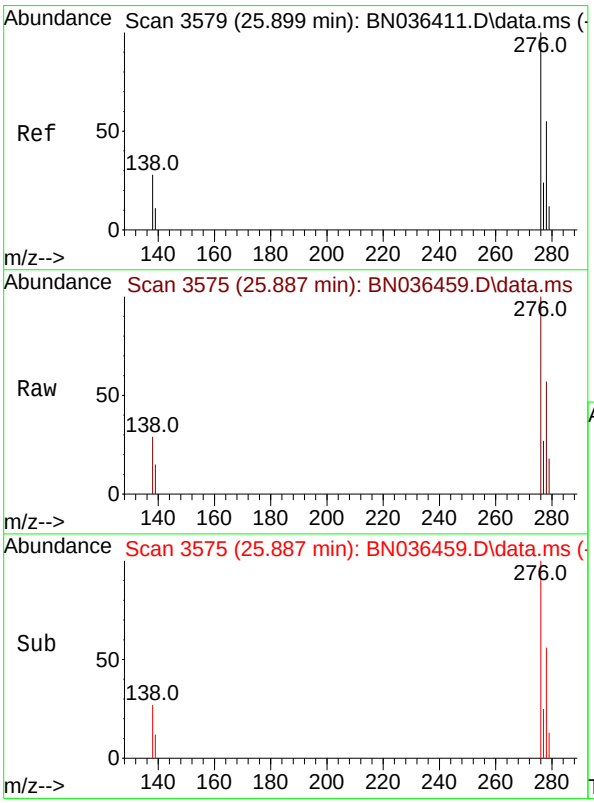
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.590 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 7613

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.9	31.3
265	70.5	60.7	91.1

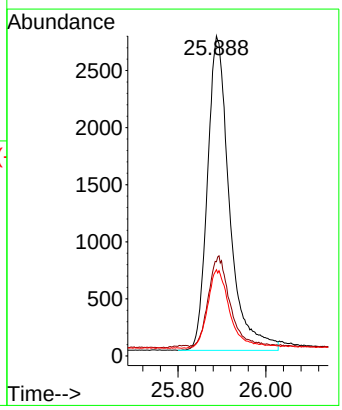


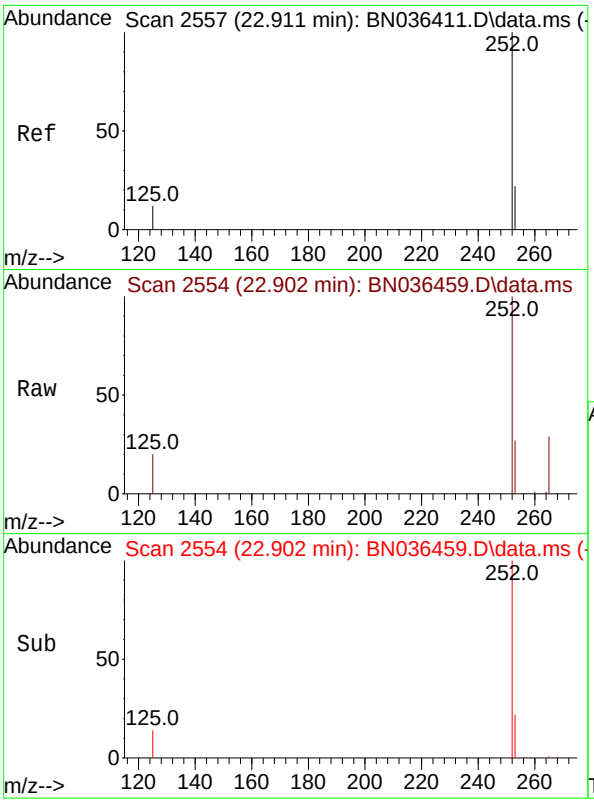


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng
RT: 25.887 min Scan# 3575
Delta R.T. -0.012 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:276 Resp: 9599

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.2	33.2
277	24.6	19.8	29.6



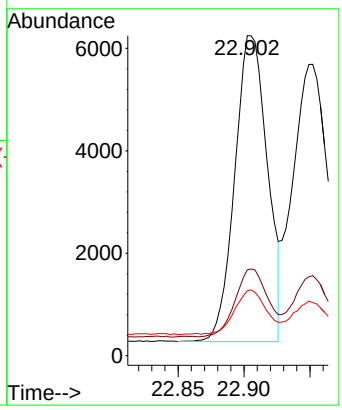


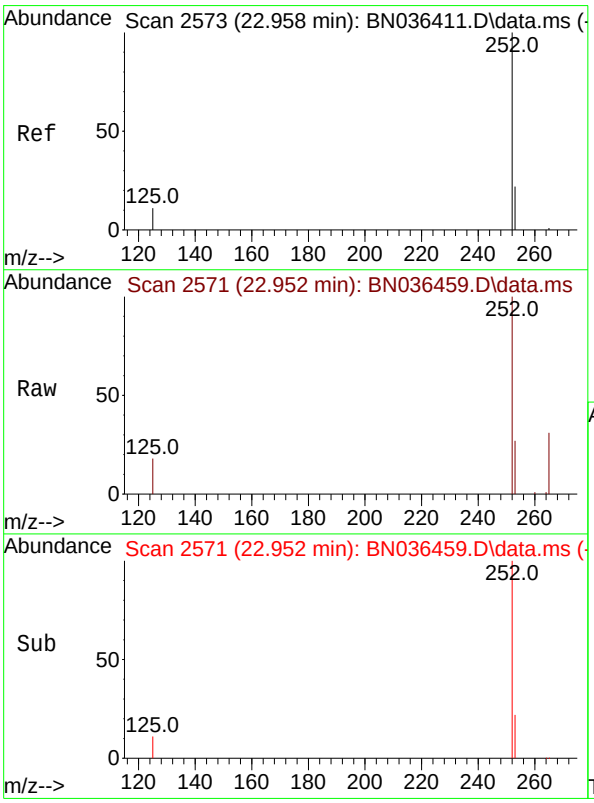
#37
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 22.902 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10269

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.9	32.9
125	20.3	15.0	22.6

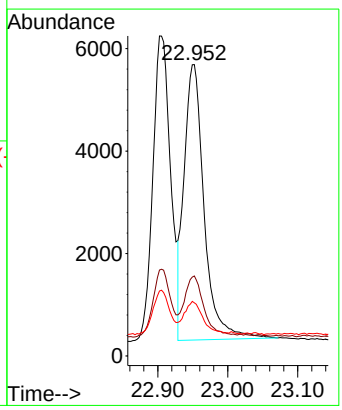


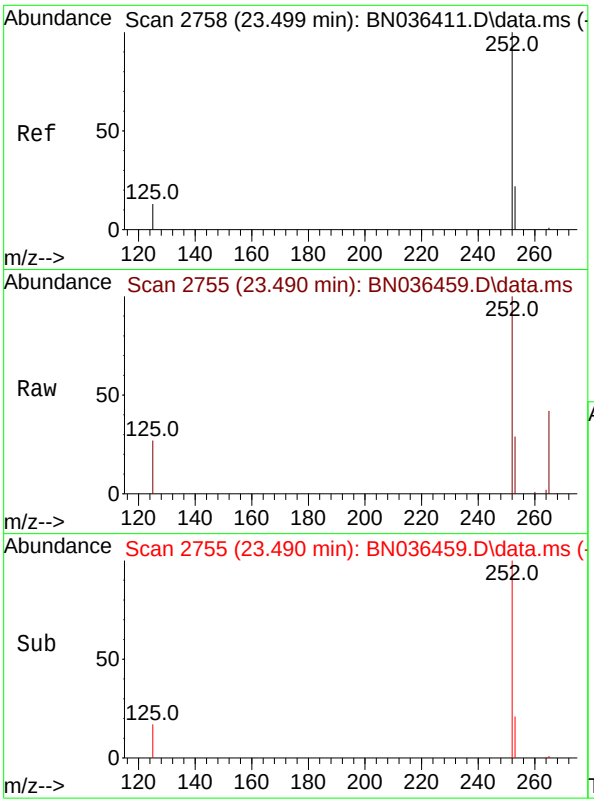


#38
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.952 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:252 Resp: 10723

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.2	33.4
125	18.2	15.0	22.4



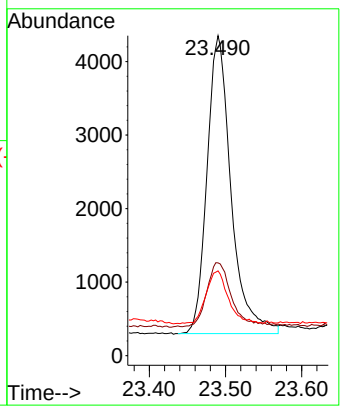


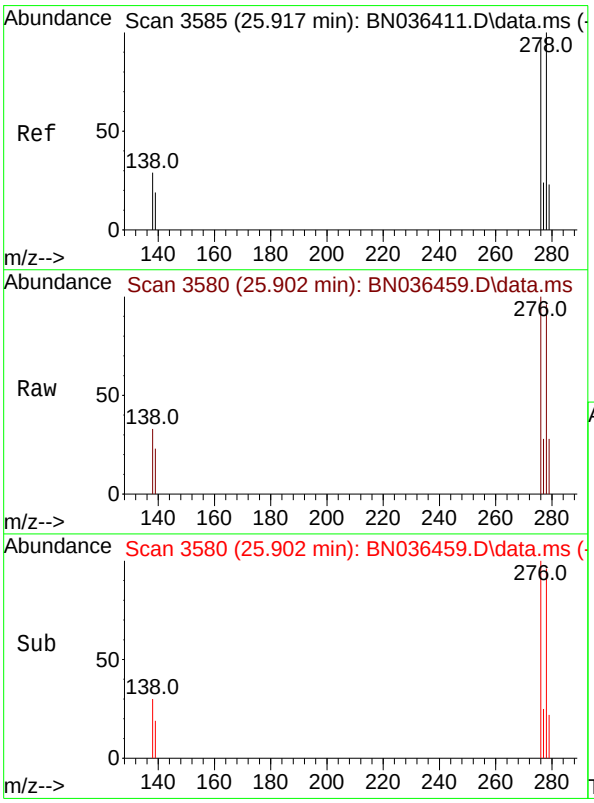
#39
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.490 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8881

Ion	Ratio	Lower	Upper
252	100		
253	29.0	24.4	36.6
125	26.5	18.2	27.2

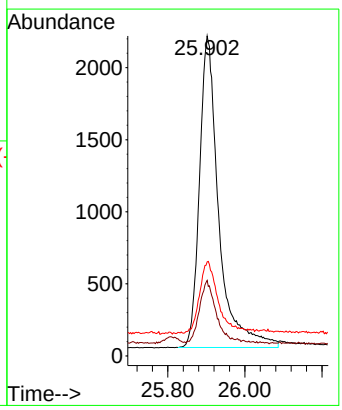


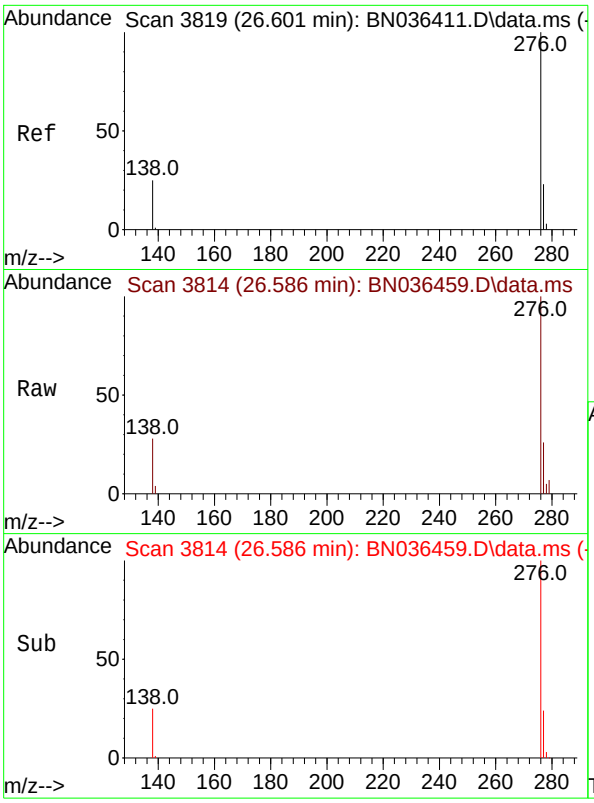


#40
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.902 min Scan# 3580
Delta R.T. -0.015 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Tgt Ion:278 Resp: 7499

Ion	Ratio	Lower	Upper
278	100		
139	23.6	18.5	27.7
279	29.4	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.356 ng
RT: 26.586 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN036459.D
Acq: 13 Feb 2025 09:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8475

Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.7	31.1
138	27.9	21.8	32.6