Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037314.D
Acq On : 18 Jun 2025 14:42
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 18 18:32:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration

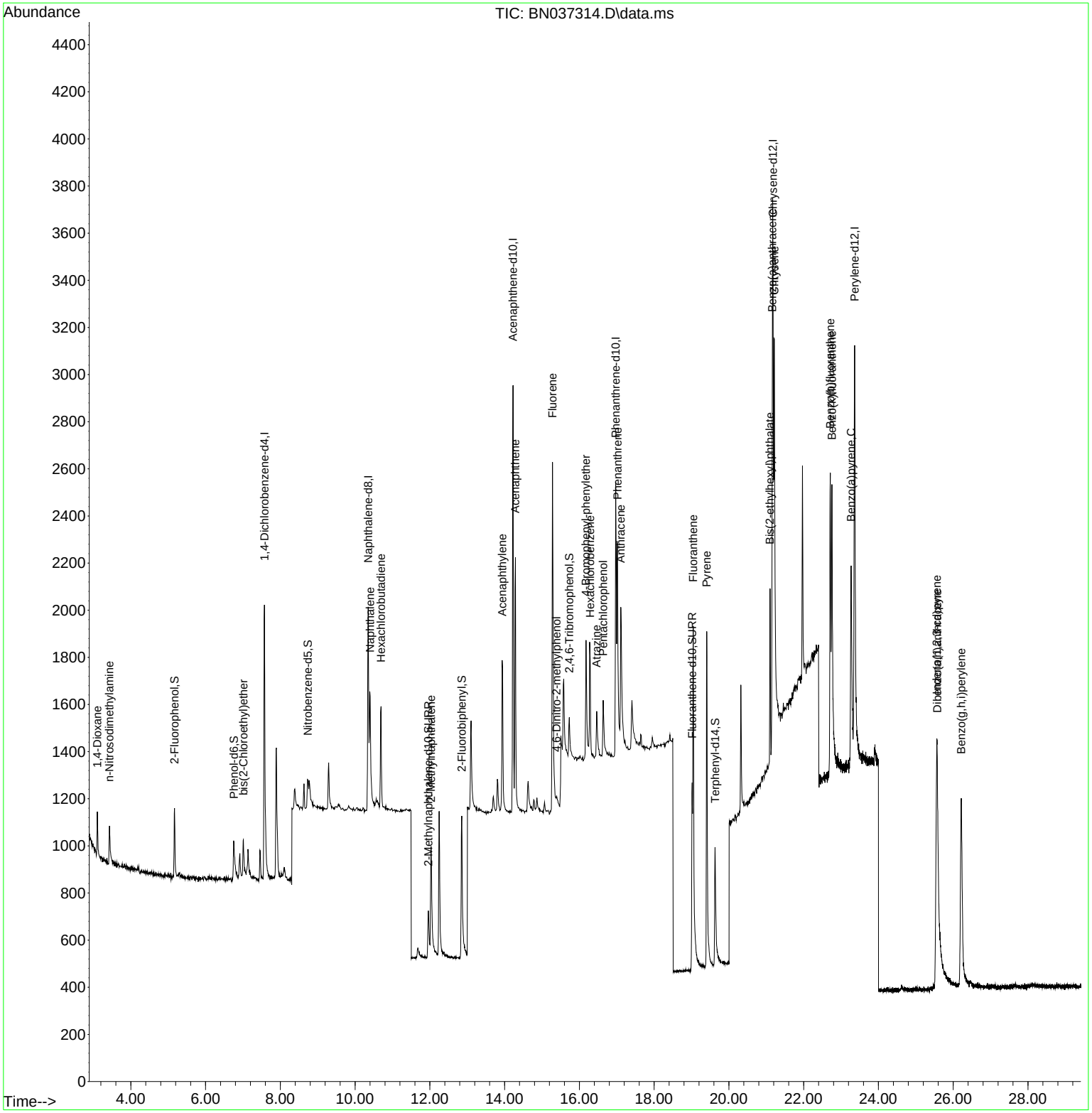
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	715	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	1542	0.400	ng		0.00
13) Acenaphthene-d10	14.224	164	1109	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2337	0.400	ng		0.00
29) Chrysene-d12	21.180	240	2507	0.400	ng		0.00
35) Perylene-d12	23.363	264	2797	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	270	0.208	ng		0.00
5) Phenol-d6	6.759	99	221	0.173	ng		0.00
8) Nitrobenzene-d5	8.739	82	202	0.160	ng		0.01
11) 2-Methylnaphthalene-d10	11.961	152	451	0.180	ng		0.01
14) 2,4,6-Tribromophenol	15.730	330	152	0.191	ng		0.01
15) 2-Fluorobiphenyl	12.853	172	907	0.187	ng		0.01
27) Fluoranthene-d10	19.017	212	1458	0.197	ng		0.00
31) Terphenyl-d14	19.630	244	1097	0.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	151	0.237	ng		96
3) n-Nitrosodimethylamine	3.429	42	171	0.231	ng		92
6) bis(2-Chloroethyl)ether	7.012	93	185	0.169	ng		95
9) Naphthalene	10.404	128	780	0.196	ng	#	92
10) Hexachlorobutadiene	10.693	225	418	0.207	ng	#	99
12) 2-Methylnaphthalene	12.031	142	536	0.191	ng		95
16) Acenaphthylene	13.935	152	890	0.191	ng		99
17) Acenaphthene	14.288	154	618	0.199	ng		95
18) Fluorene	15.282	166	844	0.192	ng		100
20) 4,6-Dinitro-2-methylph...	15.389	198	92	0.131	ng	#	64
21) 4-Bromophenyl-phenylether	16.177	248	389	0.201	ng	#	92
22) Hexachlorobenzene	16.289	284	441	0.217	ng		95
23) Atrazine	16.463	200	306	0.202	ng		94
24) Pentachlorophenol	16.636	266	229	0.204	ng		90
25) Phenanthrene	17.021	178	1258	0.191	ng		99
26) Anthracene	17.108	178	1168	0.189	ng		96
28) Fluoranthene	19.045	202	1799	0.197	ng		99
30) Pyrene	19.407	202	1856	0.194	ng		99
32) Benzo(a)anthracene	21.162	228	1461	0.181	ng		94
33) Chrysene	21.216	228	2167	0.210	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	714	0.216	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.561	276	2171	0.185	ng	#	98
37) Benzo(b)fluoranthene	22.711	252	1740	0.178	ng	#	87
38) Benzo(k)fluoranthene	22.755	252	2013	0.188	ng	#	90
39) Benzo(a)pyrene	23.269	252	1711	0.189	ng	#	85
40) Dibenzo(a,h)anthracene	25.573	278	1538	0.164	ng	#	84
41) Benzo(g,h,i)perylene	26.216	276	2056	0.191	ng	#	95

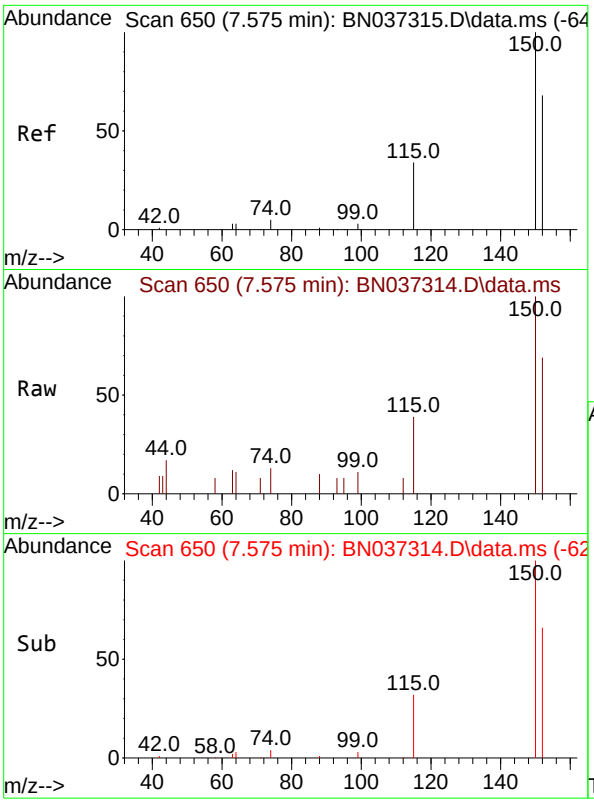
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037314.D
Acq On : 18 Jun 2025 14:42
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 18 18:32:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration



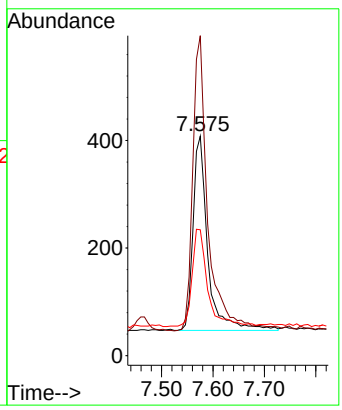


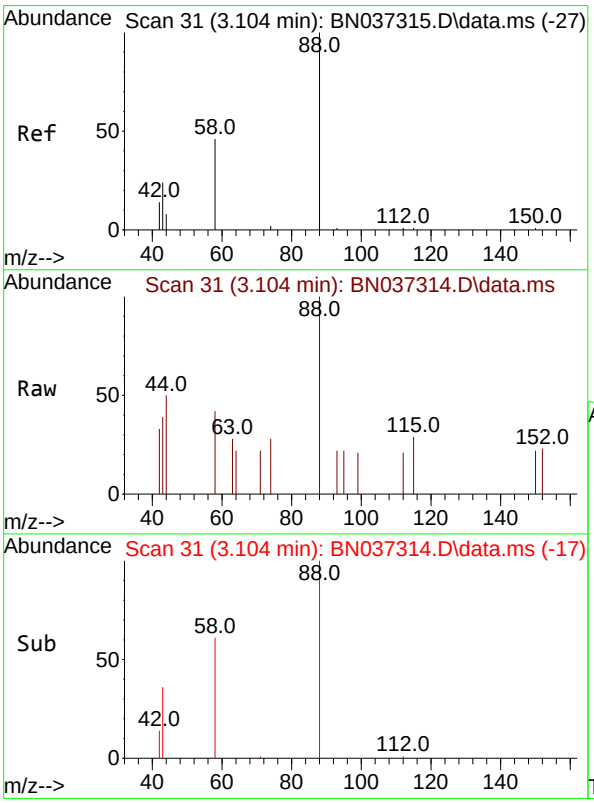
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 715

Ion	Ratio	Lower	Upper
152	100		
150	145.8	112.7	169.1
115	57.4	45.9	68.9

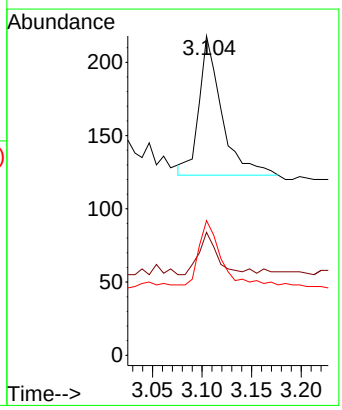


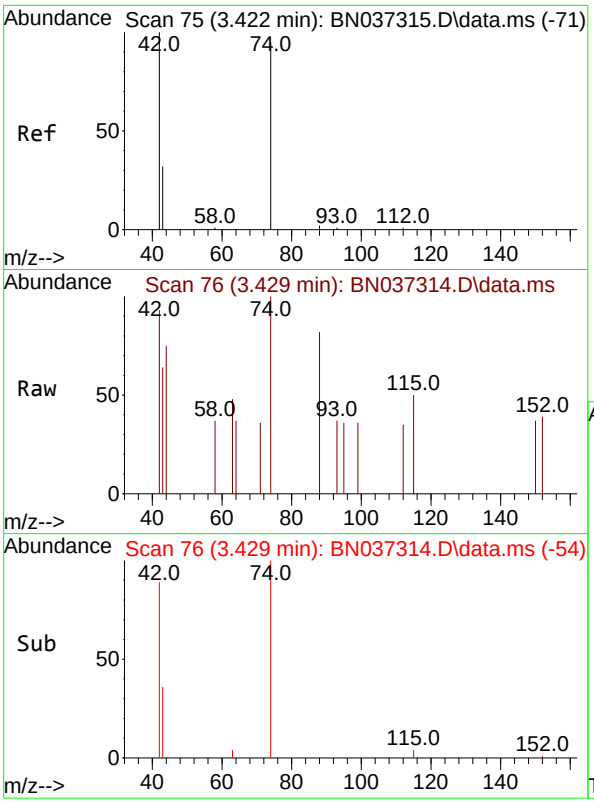


#2
1,4-Dioxane
Concen: 0.237 ng
RT: 3.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion: 88 Resp: 151

Ion	Ratio	Lower	Upper
88	100		
43	24.5	21.0	31.6
58	45.0	38.0	57.0



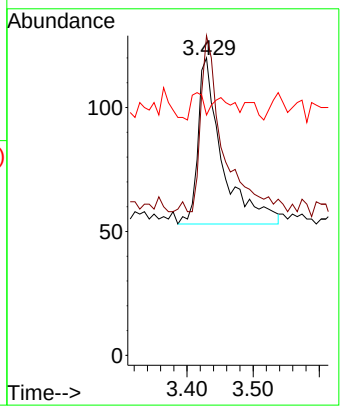


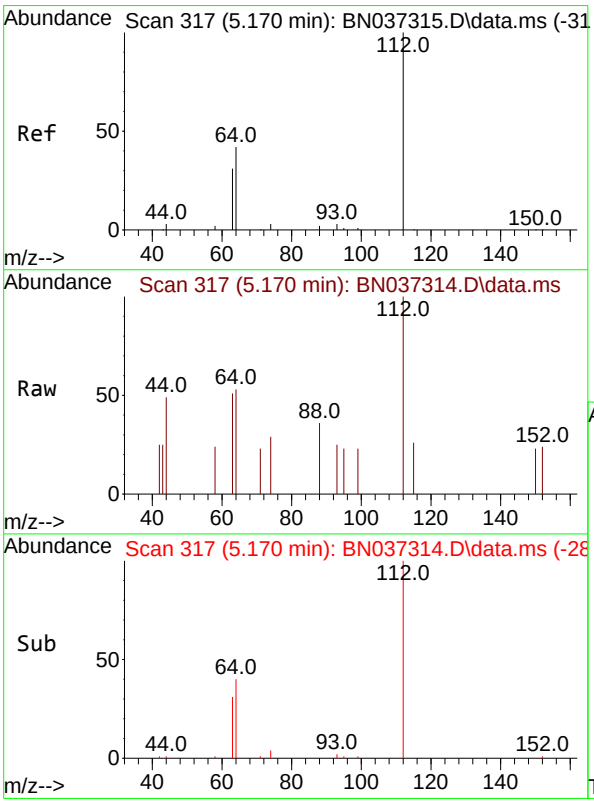
#3
n-Nitrosodimethylamine
Concen: 0.231 ng
RT: 3.429 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 171

Ion	Ratio	Lower	Upper
42	100		
74	97.1	84.3	126.5
44	7.0	5.0	7.4

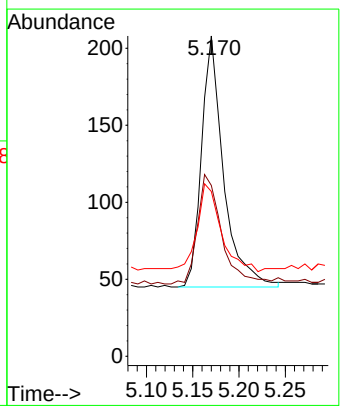


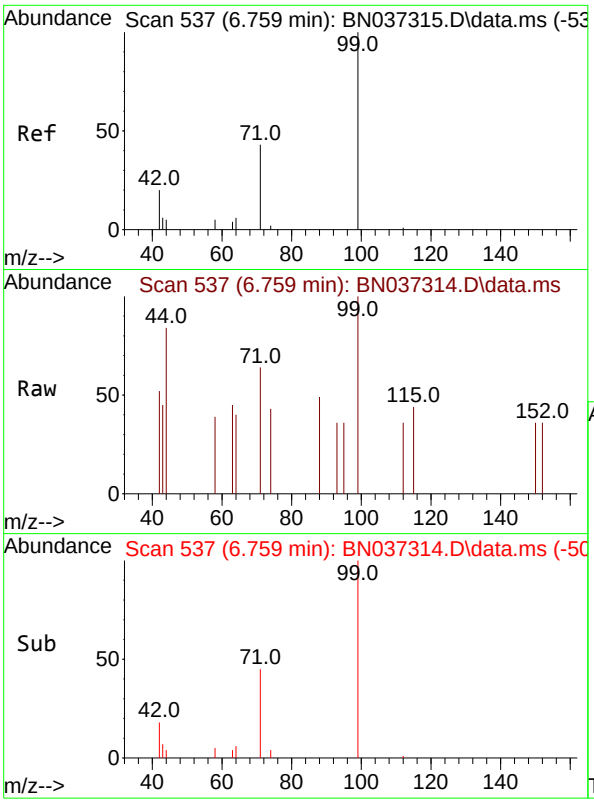


#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:112 Resp: 270

Ion	Ratio	Lower	Upper
112	100		
64	47.4	38.7	58.1
63	33.7	26.4	39.6



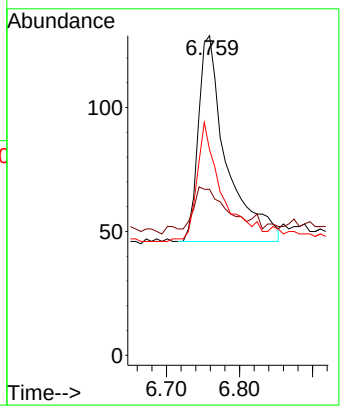


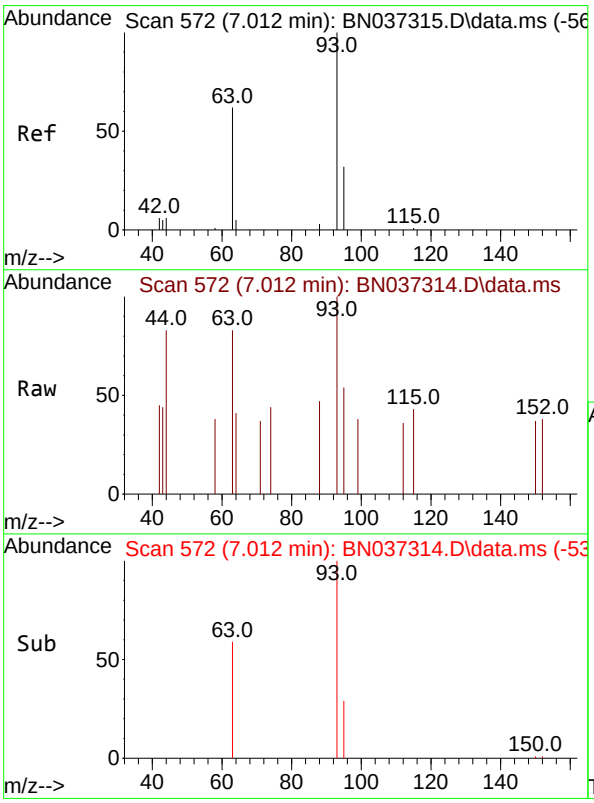
#5
Phenol-d6
Concen: 0.173 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 221

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.8
71	52.5	42.6	64.0

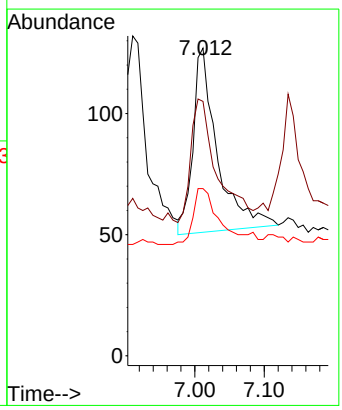


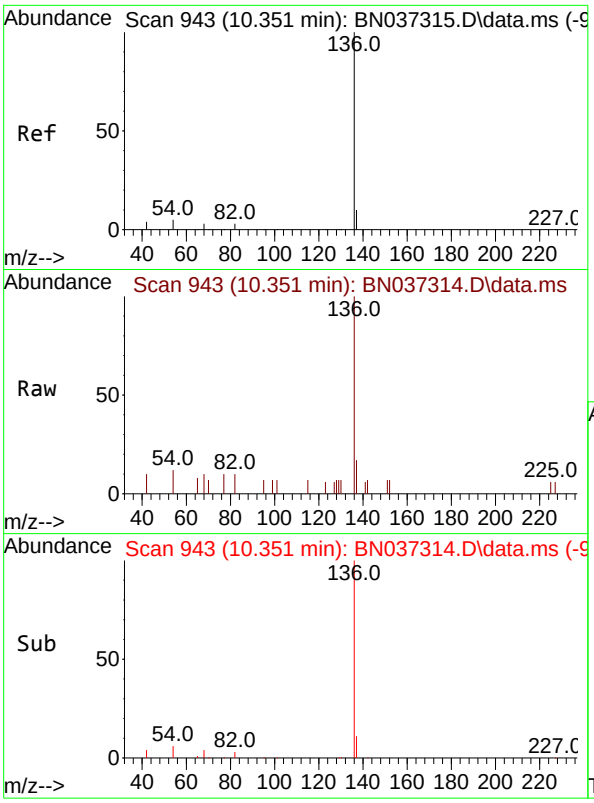


#6
bis(2-Chloroethyl)ether
Concen: 0.169 ng
RT: 7.012 min Scan# 572
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion: 93 Resp: 185

Ion	Ratio	Lower	Upper
93	100		
63	72.4	53.2	79.8
95	34.6	27.3	40.9



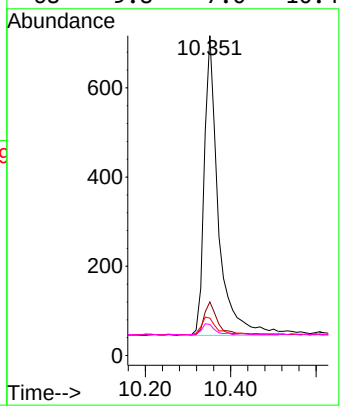


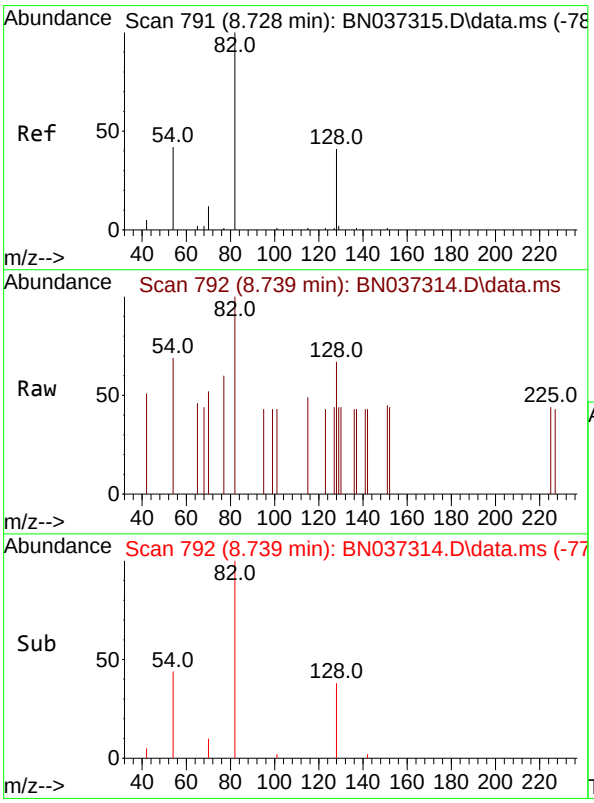
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 1542

Ion	Ratio	Lower	Upper
136	100		
137	16.7	12.2	18.2
54	11.7	8.8	13.2
68	9.8	7.0	10.4

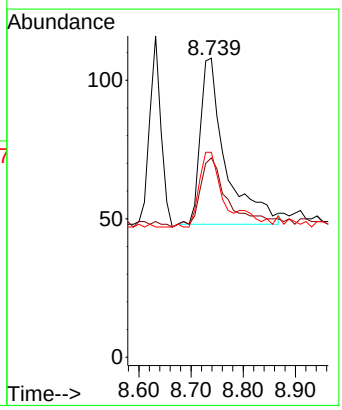


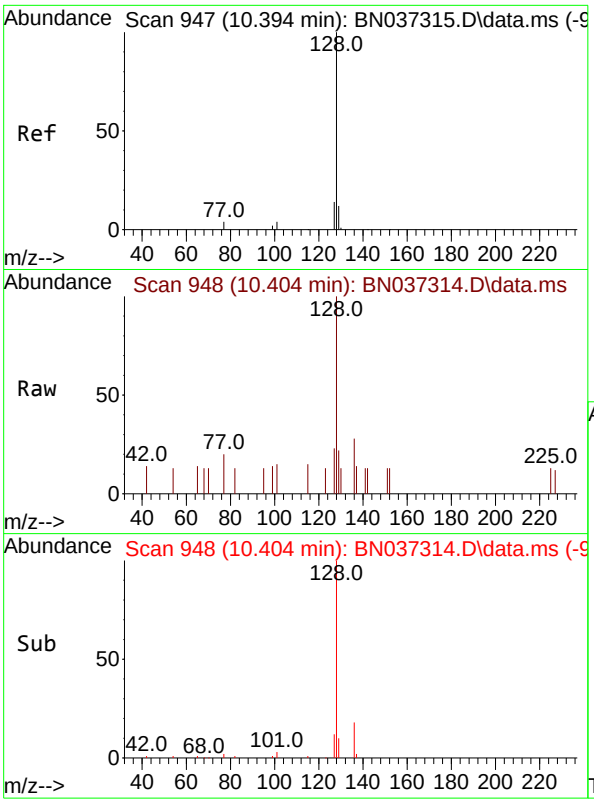


#8
Nitrobenzene-d5
Concen: 0.160 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion: 82 Resp: 202

Ion	Ratio	Lower	Upper
82	100		
128	66.7	42.5	63.7#
54	68.5	43.2	64.8#



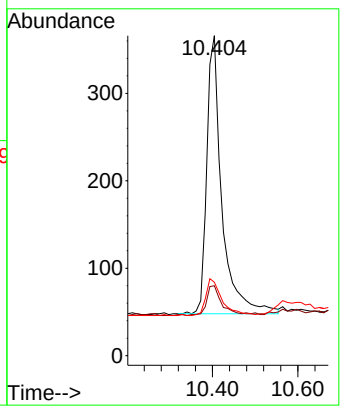


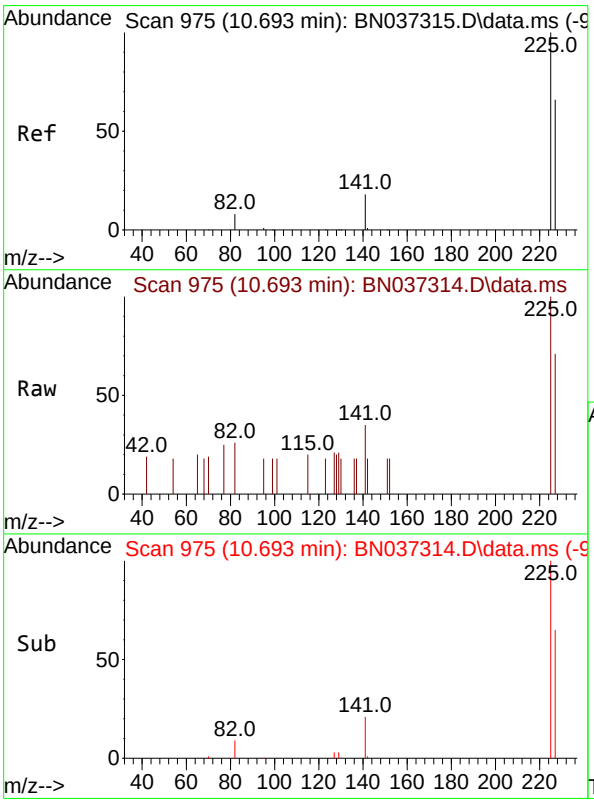
#9
Naphthalene
Concen: 0.196 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 780

Ion	Ratio	Lower	Upper
128	100		
129	21.9	14.0	21.0#
127	23.0	15.8	23.8

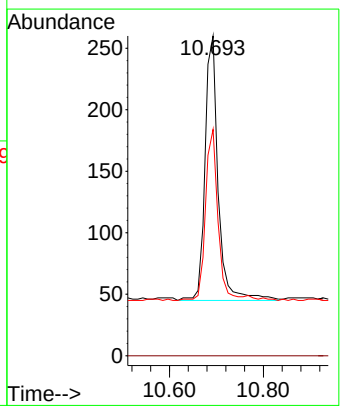


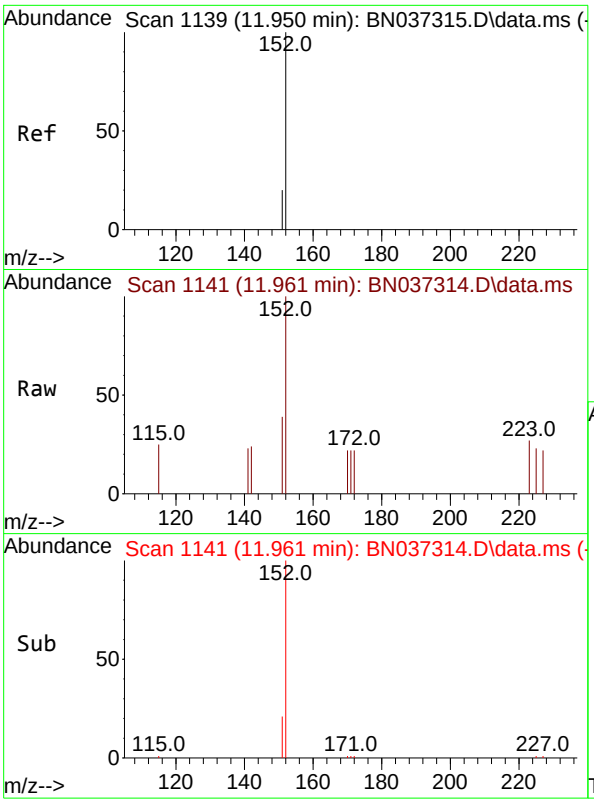


#10
Hexachlorobutadiene
Concen: 0.207 ng
RT: 10.693 min Scan# 975
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:225 Resp: 418

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	50.3	75.5



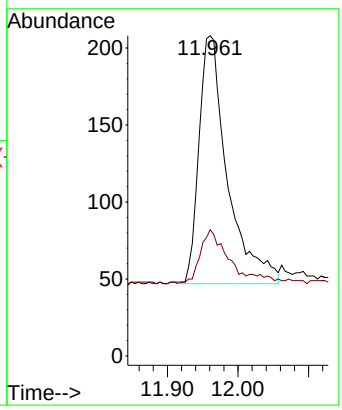


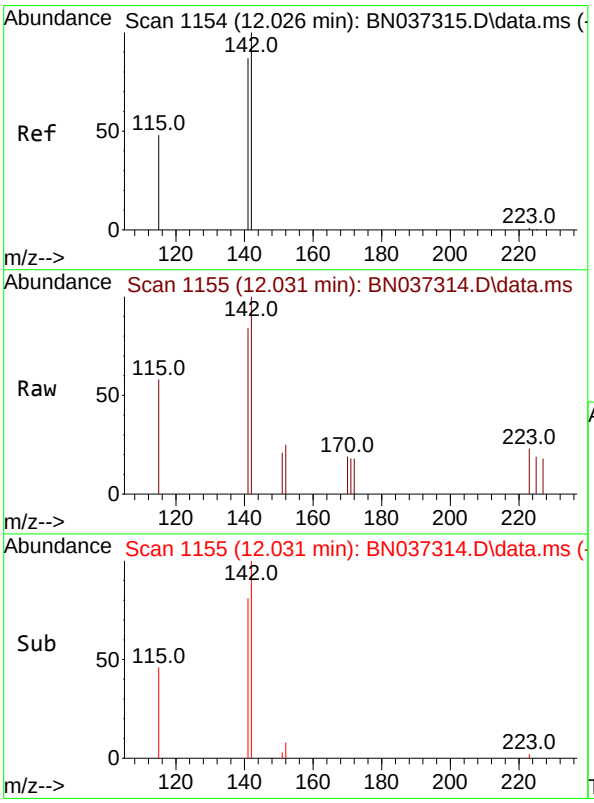
#11
2-Methylnaphthalene-d10
Concen: 0.180 ng
RT: 11.961 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 451

Ion	Ratio	Lower	Upper
152	100		
151	18.8	17.4	26.0

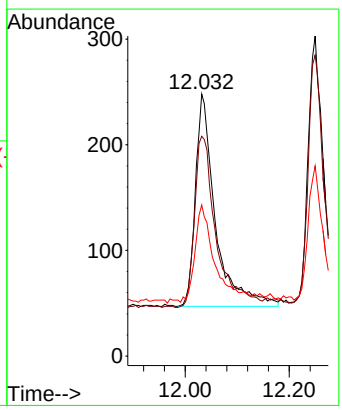


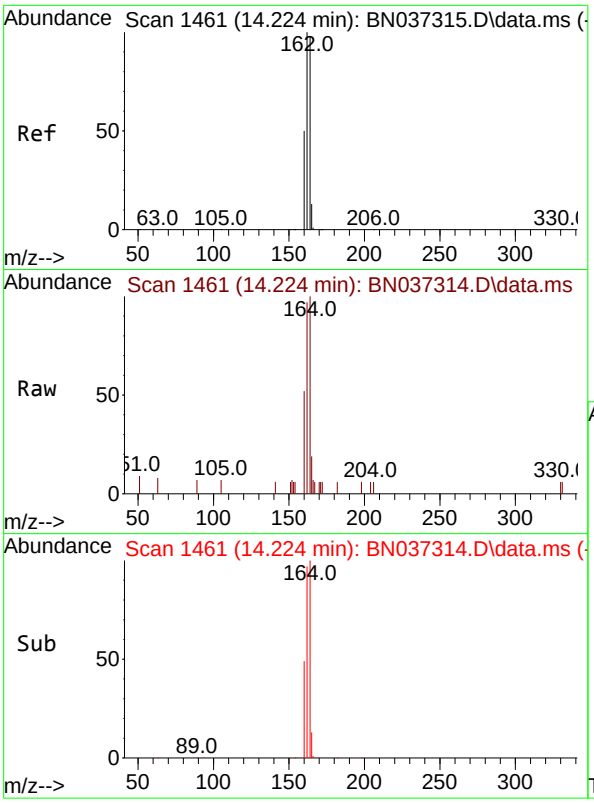


#12
2-Methylnaphthalene
Concen: 0.191 ng
RT: 12.031 min Scan# 1155
Delta R.T. 0.005 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:142 Resp: 536

Ion	Ratio	Lower	Upper
142	100		
141	83.9	70.2	105.2
115	57.7	43.0	64.4



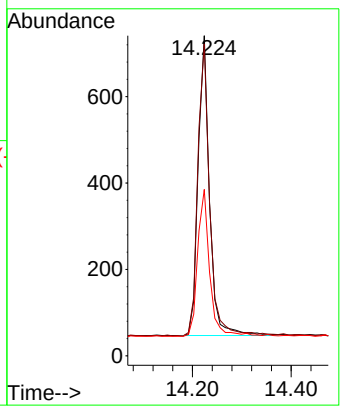


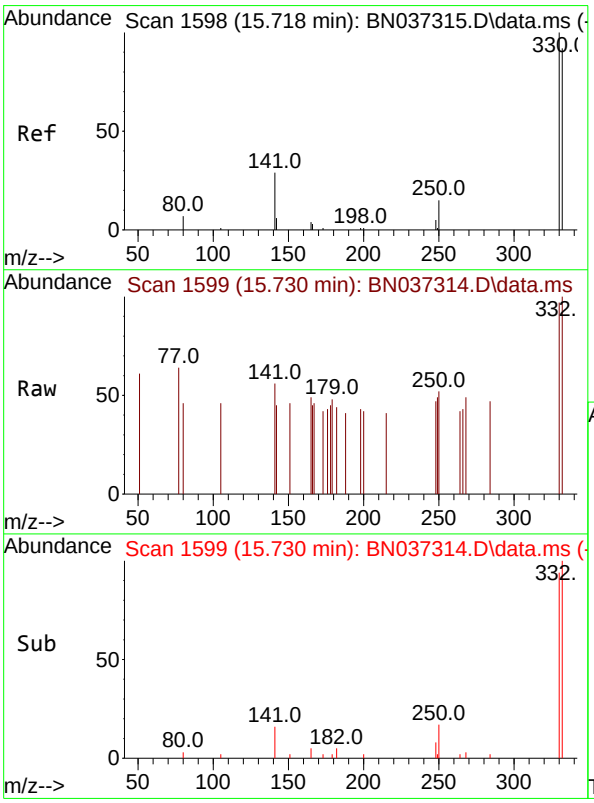
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1109

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.5	122.3
160	52.0	43.0	64.4

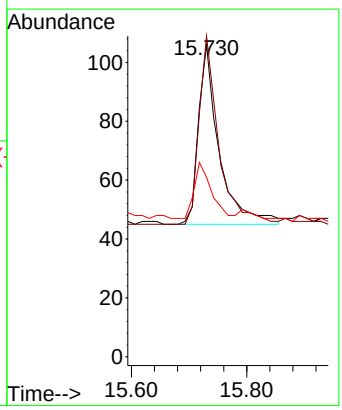


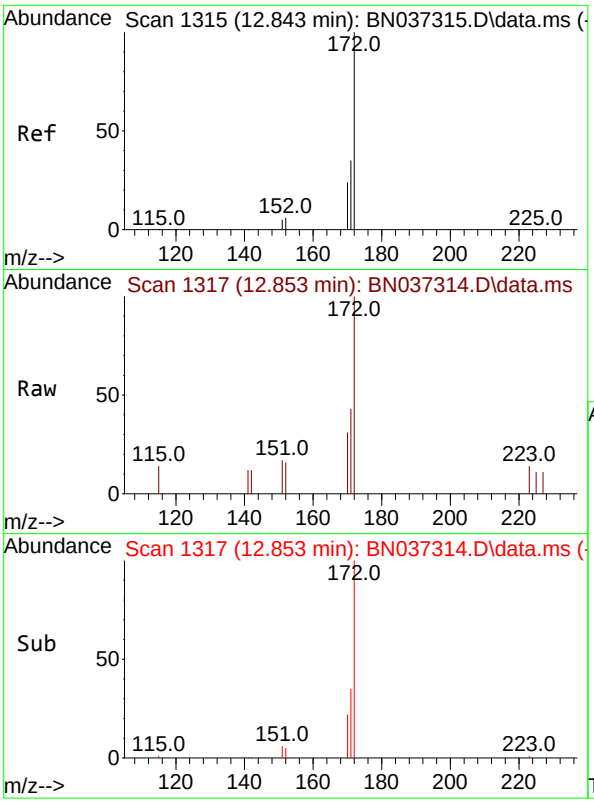


#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:330 Resp: 152

Ion	Ratio	Lower	Upper
330	100		
332	100.0	78.4	117.6
141	25.7	24.4	36.6



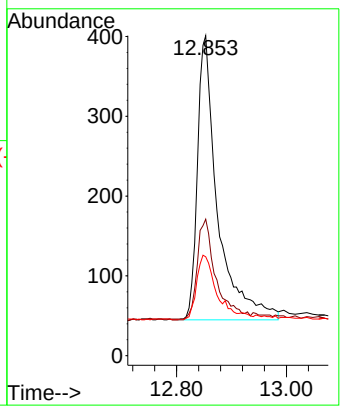


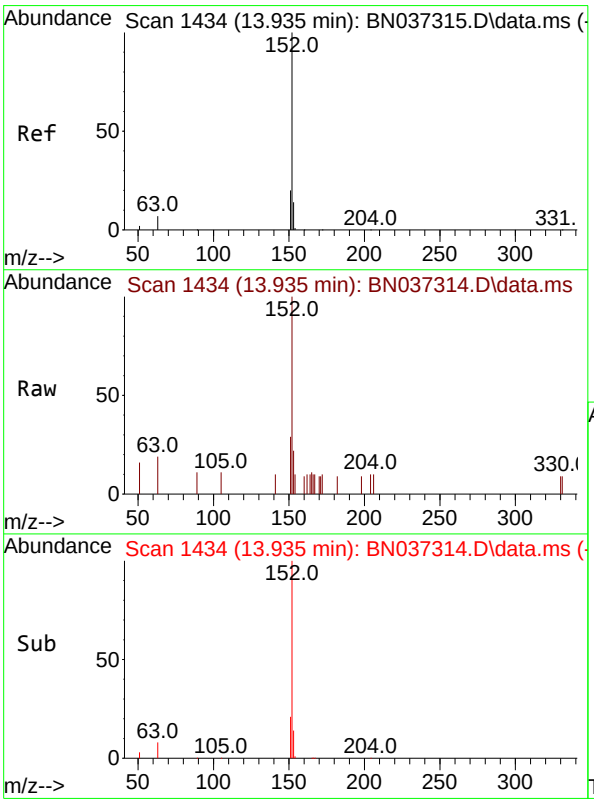
#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 12.853 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 907

Ion	Ratio	Lower	Upper
172	100		
171	42.6	30.8	46.2
170	30.9	21.9	32.9

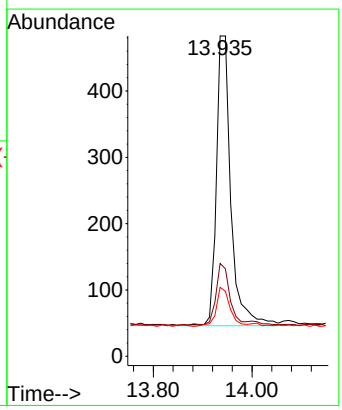


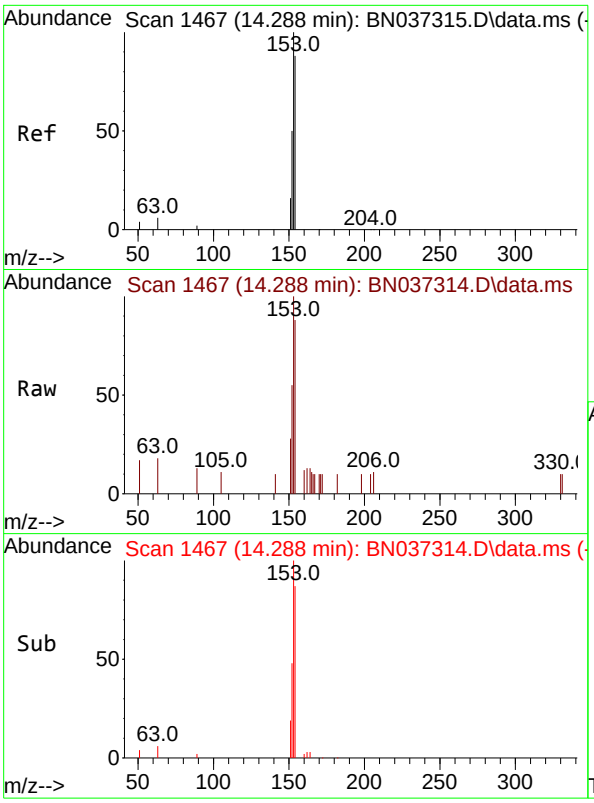


#16
Acenaphthylene
Concen: 0.191 ng
RT: 13.935 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:152 Resp: 890

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.6	24.8
153	12.8	10.2	15.2



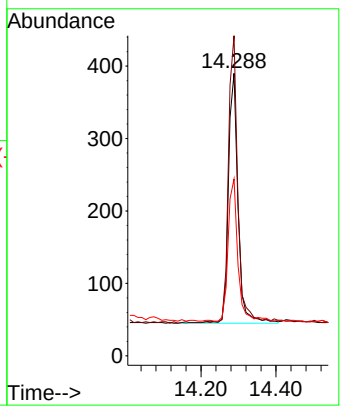


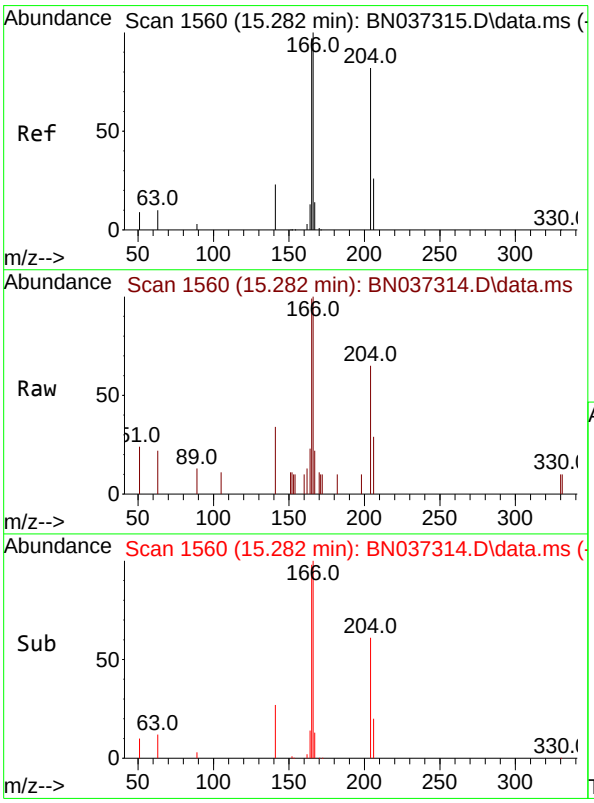
#17
Acenaphthene
Concen: 0.199 ng
RT: 14.288 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 618

Ion	Ratio	Lower	Upper
154	100		
153	110.7	93.1	139.7
152	57.1	48.6	73.0

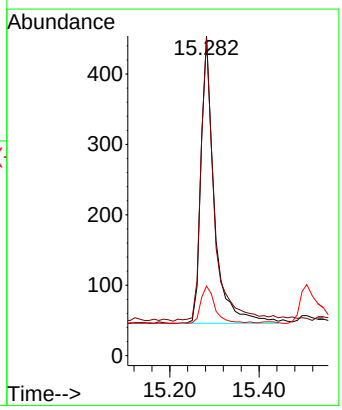


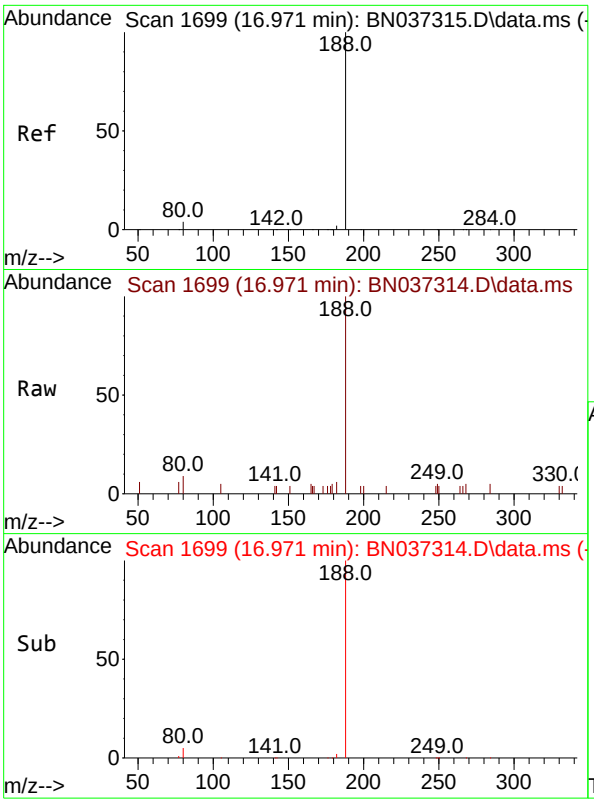


#18
Fluorene
Concen: 0.192 ng
RT: 15.282 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:166 Resp: 844

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.5	119.3
167	13.9	10.7	16.1



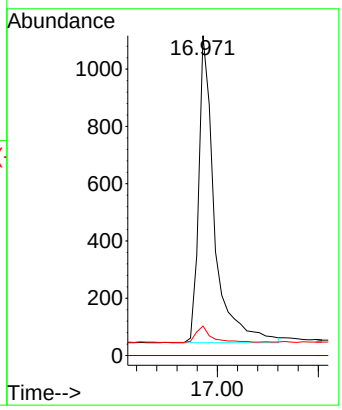


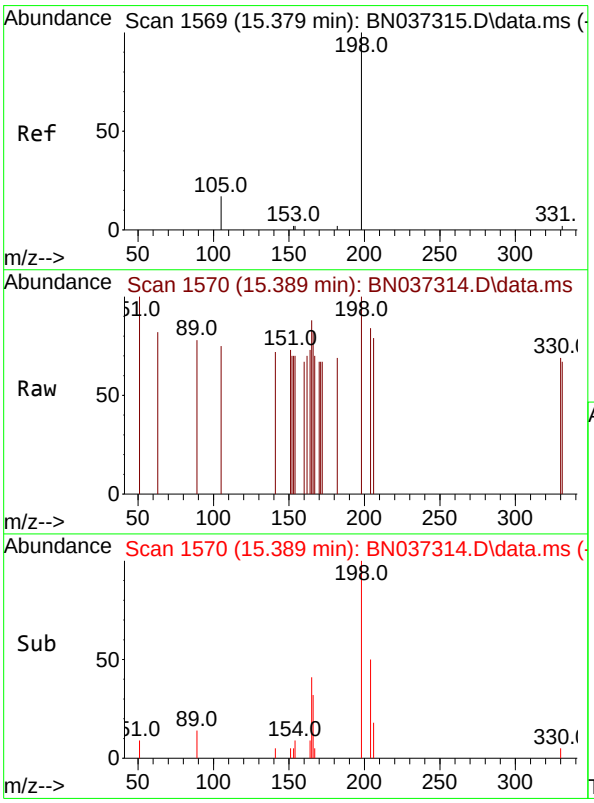
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 2337

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	6.2	9.2

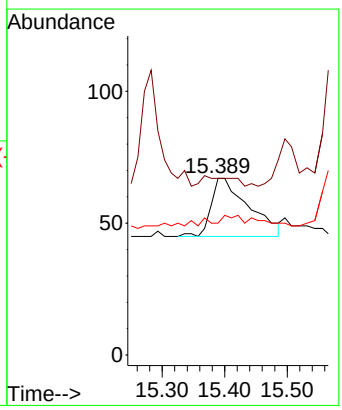


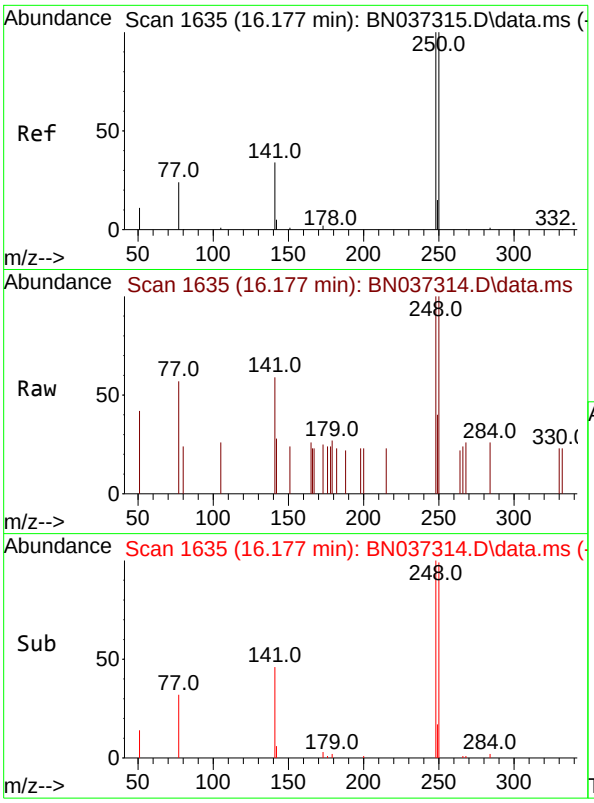


#20
4,6-Dinitro-2-methylphenol
Concen: 0.131 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:198 Resp: 92

Ion	Ratio	Lower	Upper
198	100		
51	100.0	51.4	77.0#
105	74.6	45.5	68.3#



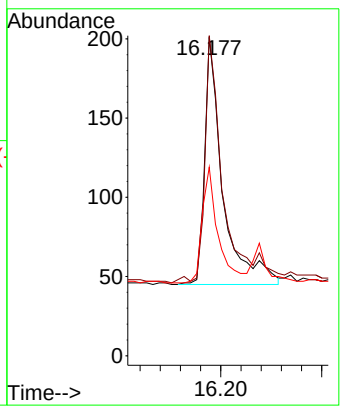


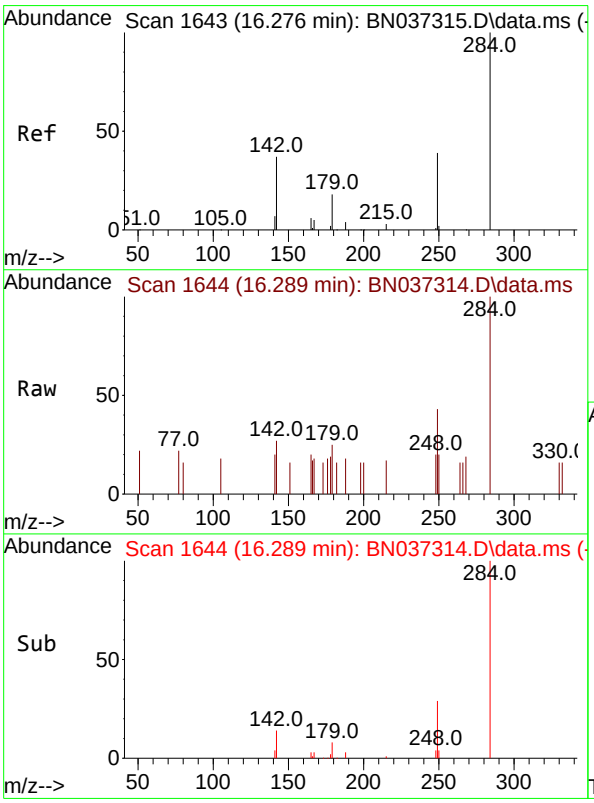
#21
4-Bromophenyl-phenylether
Concen: 0.201 ng
RT: 16.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 389

Ion	Ratio	Lower	Upper
248	100		
250	100.5	80.4	120.6
141	59.2	33.3	49.9#

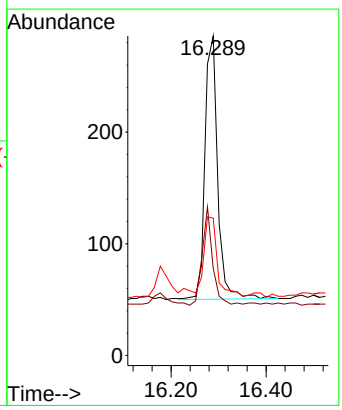


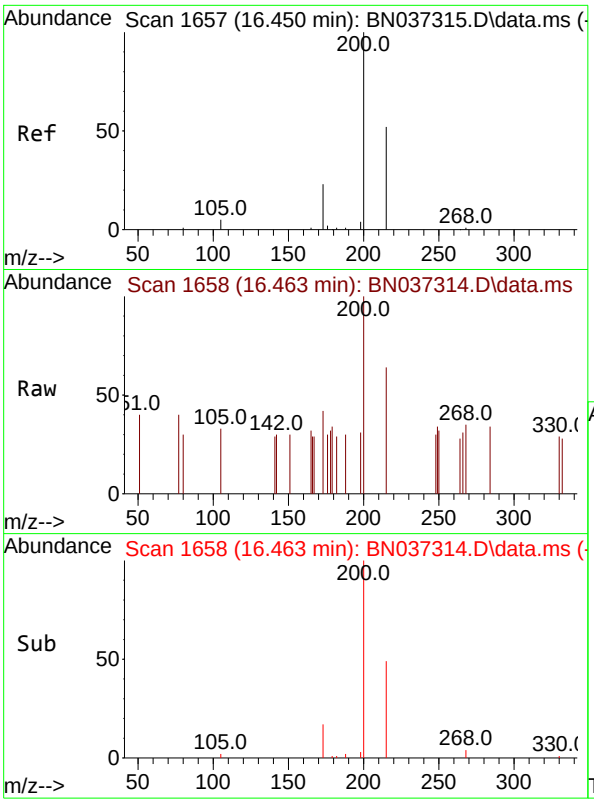


#22
Hexachlorobenzene
Concen: 0.217 ng
RT: 16.289 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:284 Resp: 441

Ion	Ratio	Lower	Upper
284	100		
142	30.8	27.0	40.6
249	33.3	28.8	43.2



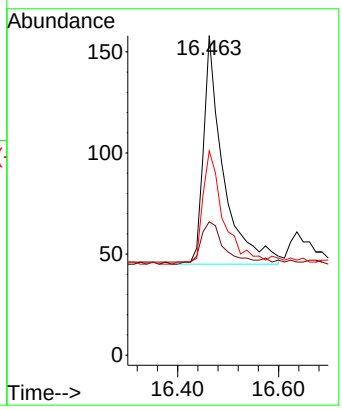


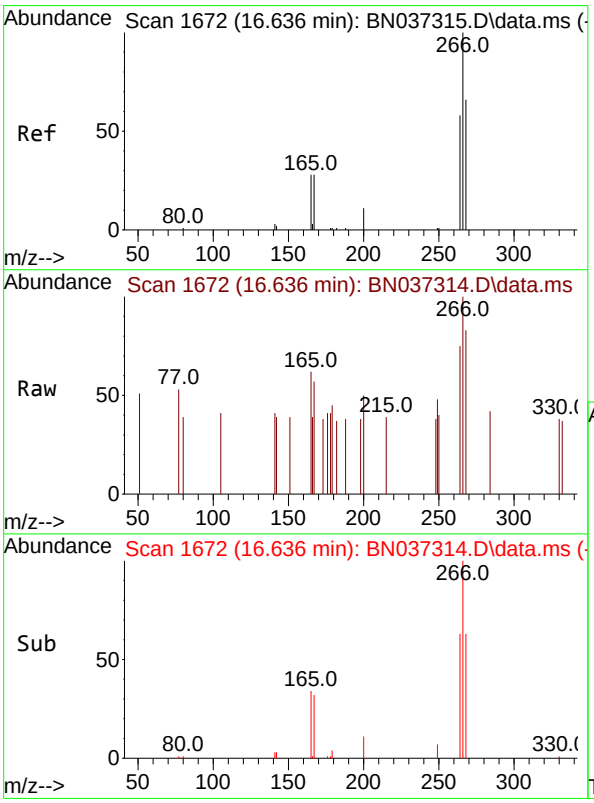
#23
Atrazine
Concen: 0.202 ng
RT: 16.463 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 306

Ion	Ratio	Lower	Upper
200	100		
173	41.8	29.2	43.8
215	63.9	48.8	73.2

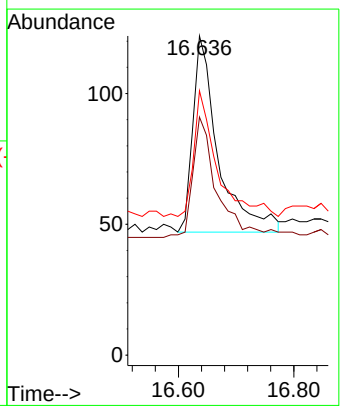


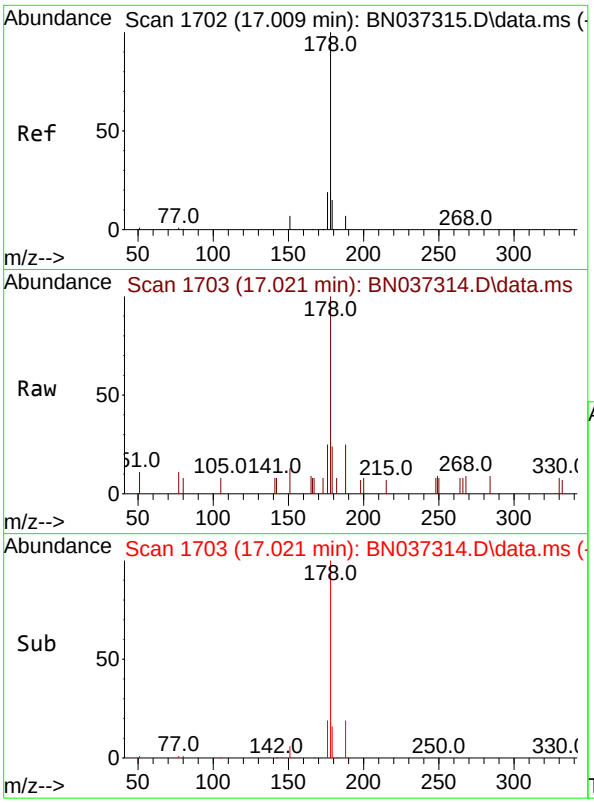


#24
Pentachlorophenol
Concen: 0.204 ng
RT: 16.636 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:266 Resp: 229

Ion	Ratio	Lower	Upper
266	100		
264	59.0	50.3	75.5
268	57.6	55.3	82.9



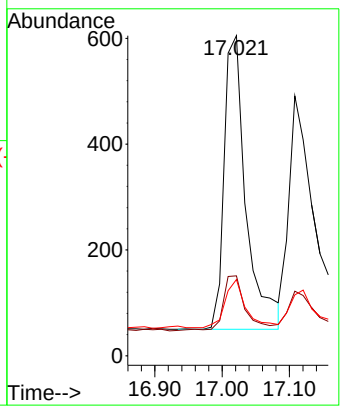


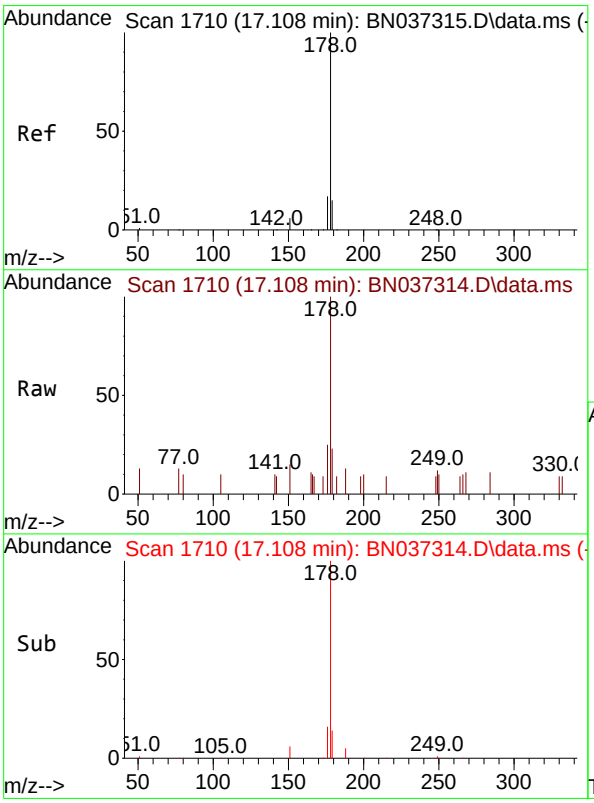
#25
Phenanthrene
Concen: 0.191 ng
RT: 17.021 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1258

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.6	12.9	19.3

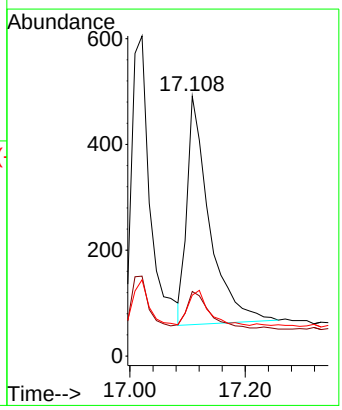


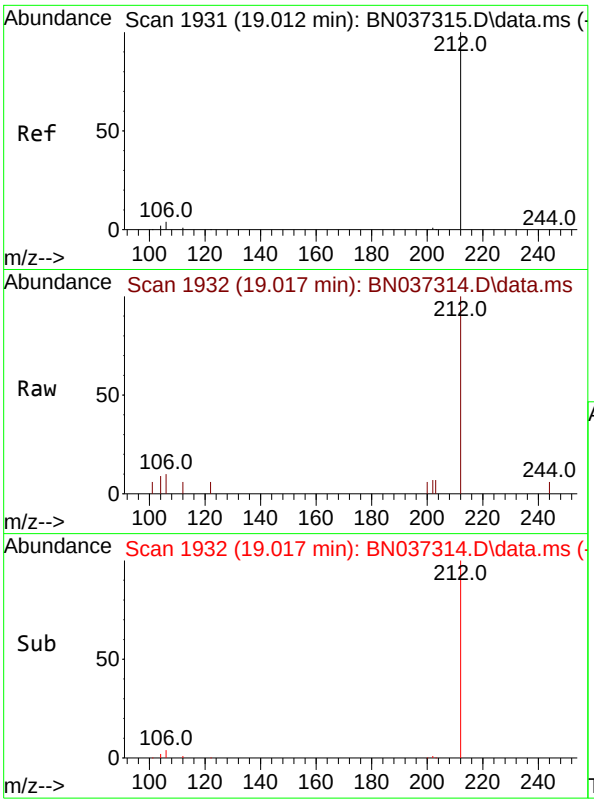


#26
Anthracene
Concen: 0.189 ng
RT: 17.108 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:178 Resp: 1168

Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.7	22.1
179	14.4	13.0	19.6



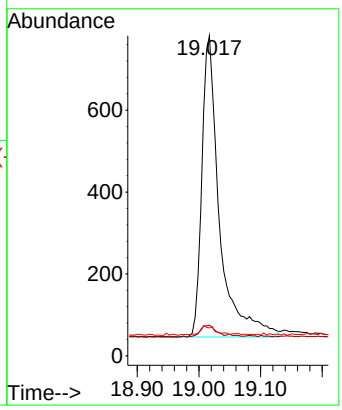


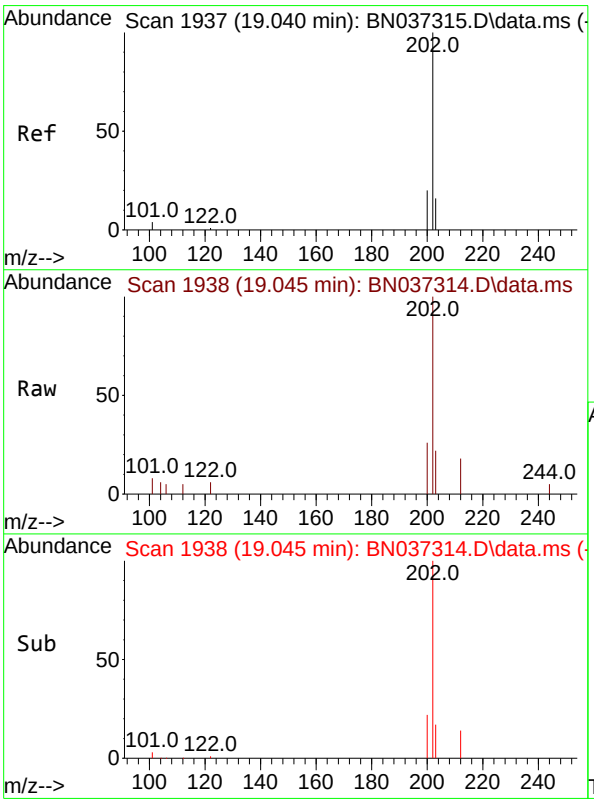
#27
Fluoranthene-d10
Concen: 0.197 ng
RT: 19.017 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 1458

Ion	Ratio	Lower	Upper
212	100		
106	3.6	3.0	4.4
104	2.9	2.0	3.0

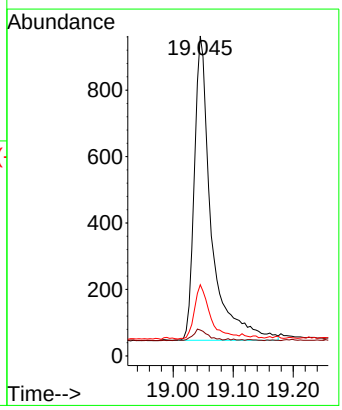


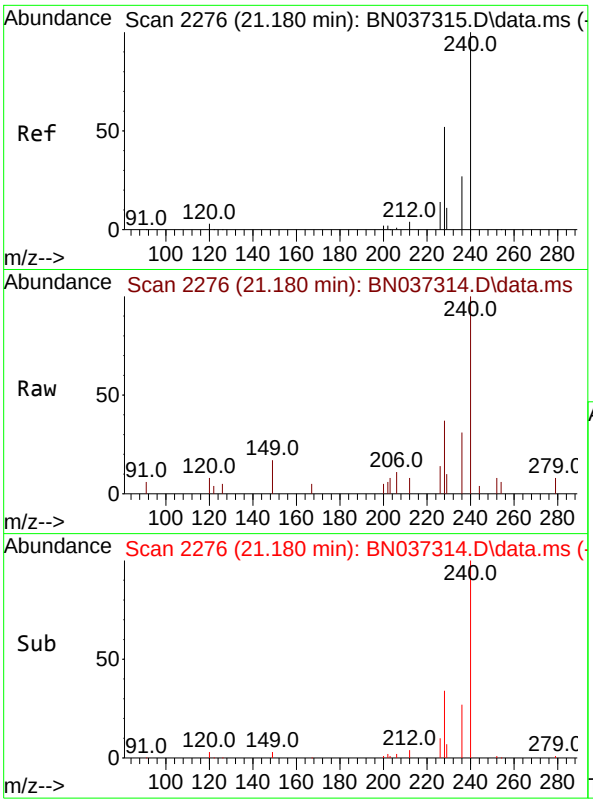


#28
Fluoranthene
Concen: 0.197 ng
RT: 19.045 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:202 Resp: 1799

Ion	Ratio	Lower	Upper
202	100		
101	3.2	3.0	4.6
203	16.7	13.7	20.5



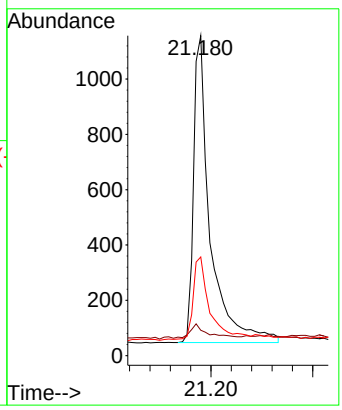


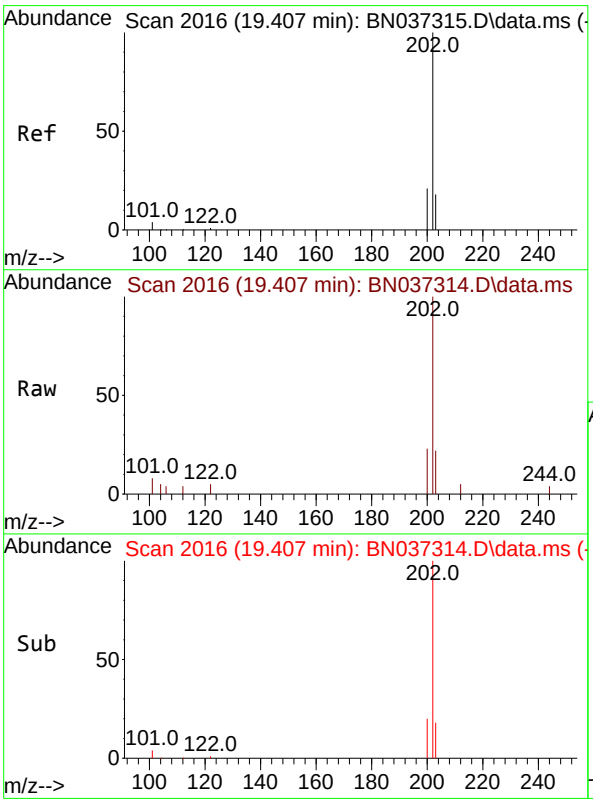
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 2507

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.5	11.3
236	30.9	24.9	37.3

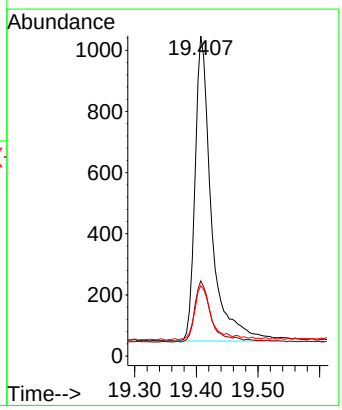


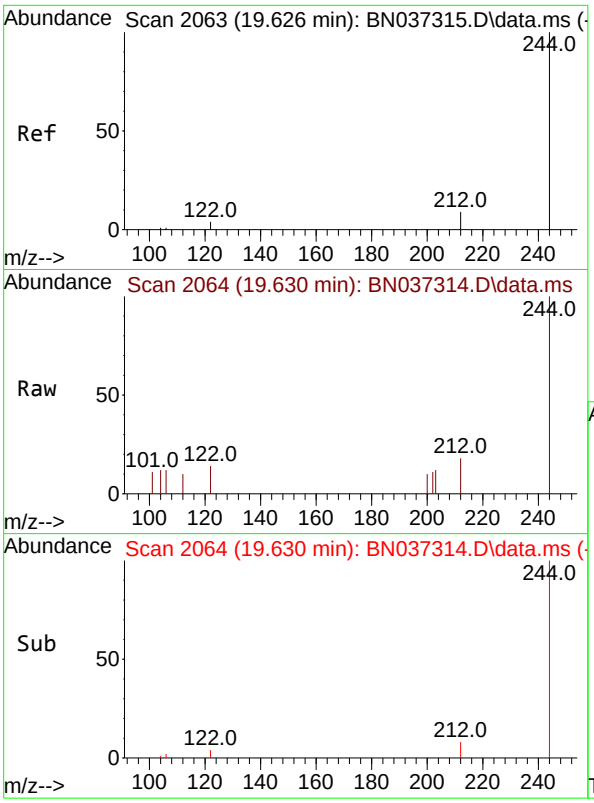


#30
Pyrene
Concen: 0.194 ng
RT: 19.407 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:202 Resp: 1856

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	18.1	14.5	21.7



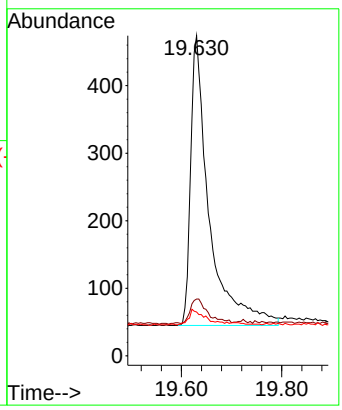


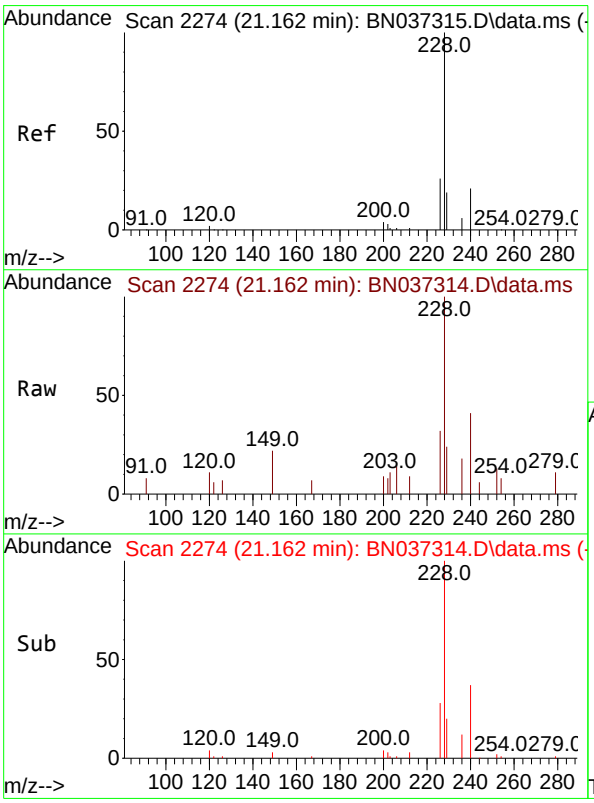
#31
Terphenyl-d14
Concen: 0.191 ng
RT: 19.630 min Scan# 2(
Delta R.T. 0.005 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 1097

Ion	Ratio	Lower	Upper
244	100		
212	17.7	11.1	16.7#
122	13.7	7.2	10.8#

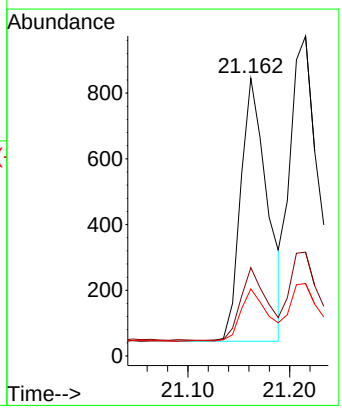


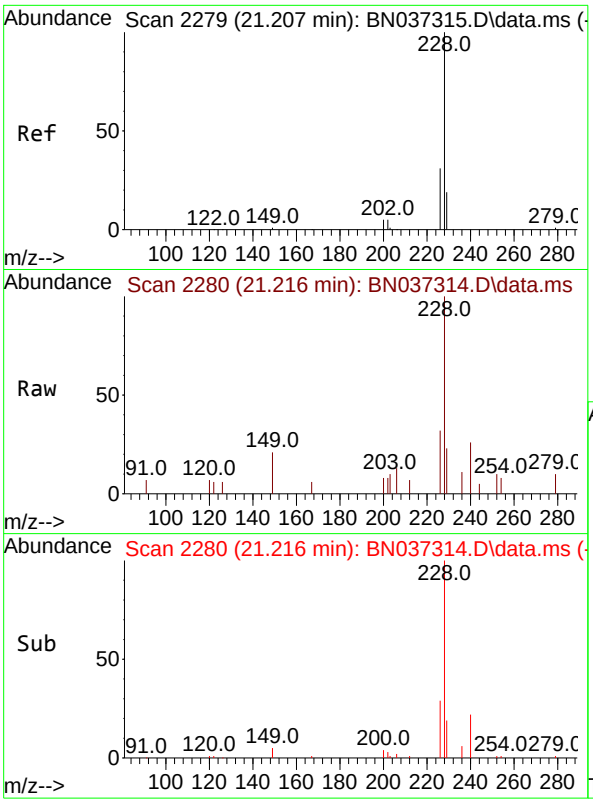


#32
Benzo(a)anthracene
Concen: 0.181 ng
RT: 21.162 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:228 Resp: 1461

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.0	34.4
229	24.1	17.4	26.0



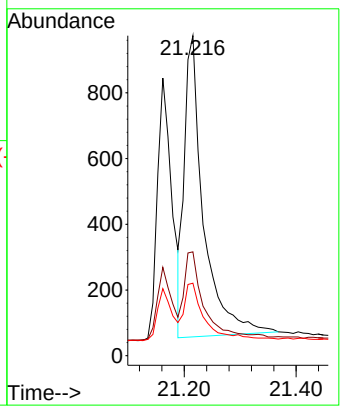


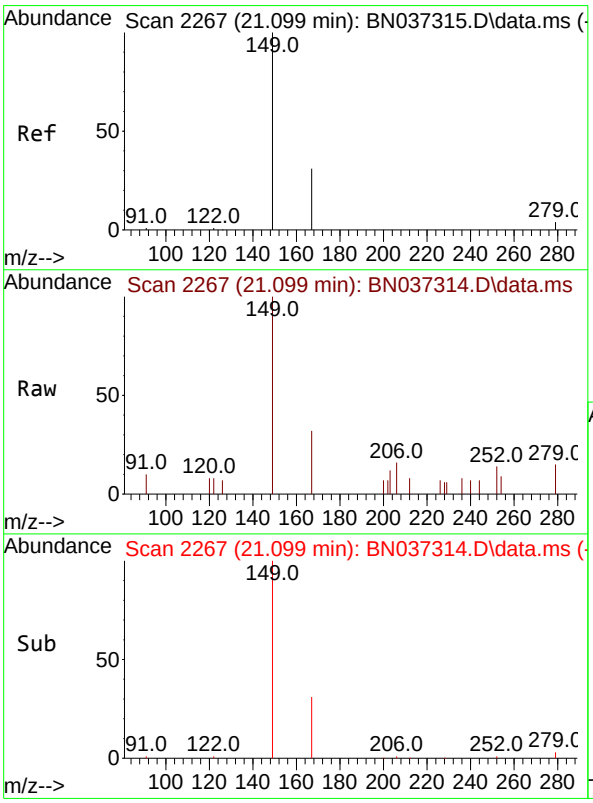
#33
Chrysene
Concen: 0.210 ng
RT: 21.216 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2167

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.2
229	22.7	17.3	25.9

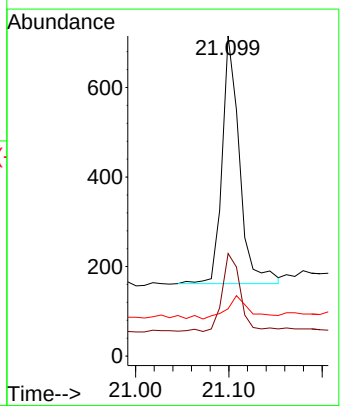


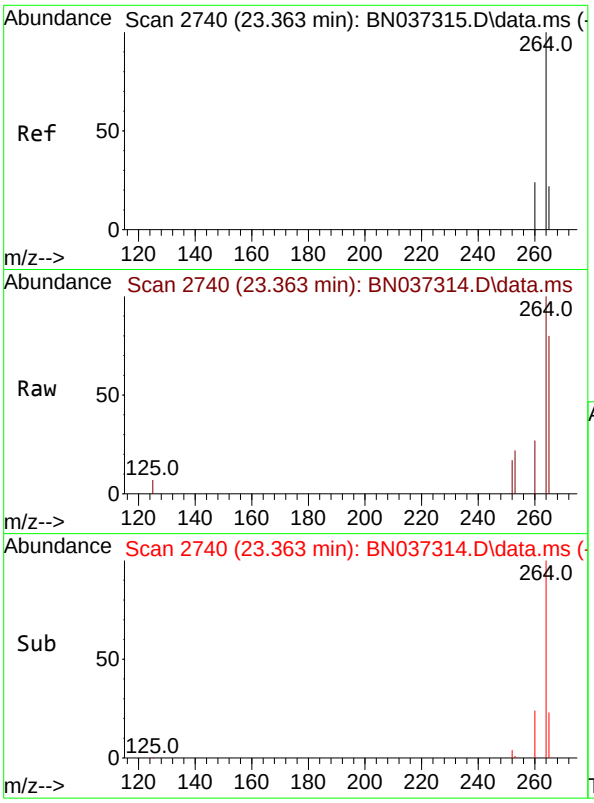


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.216 ng
RT: 21.099 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:149 Resp: 714

Ion	Ratio	Lower	Upper
149	100		
167	32.9	24.6	37.0
279	12.5	6.5	9.7#



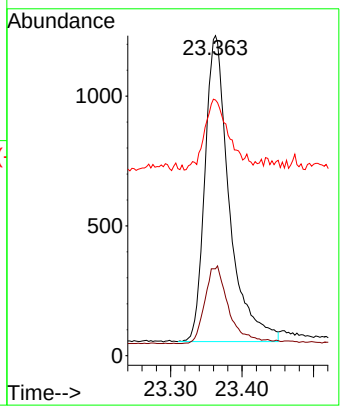


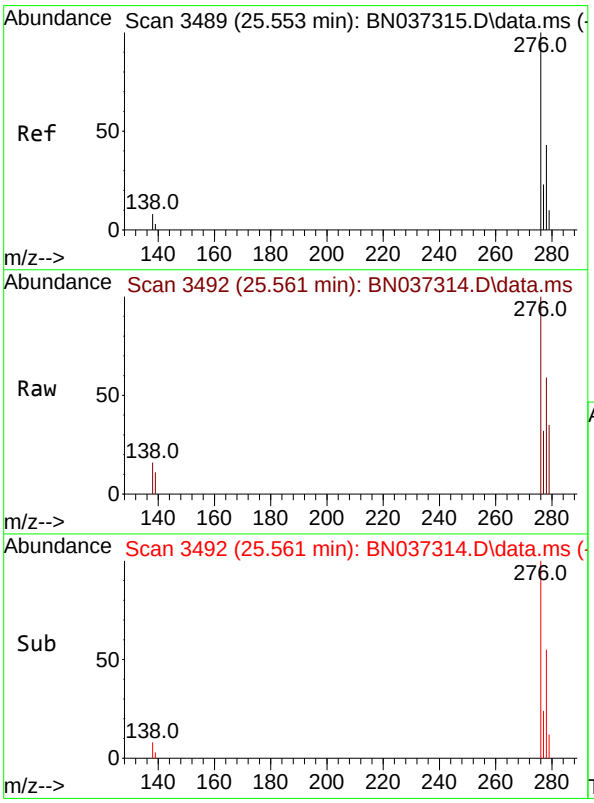
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.363 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 2797

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	79.9	71.4	107.0

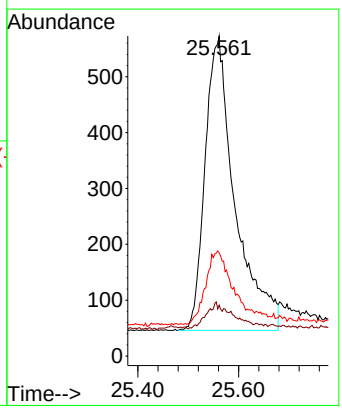


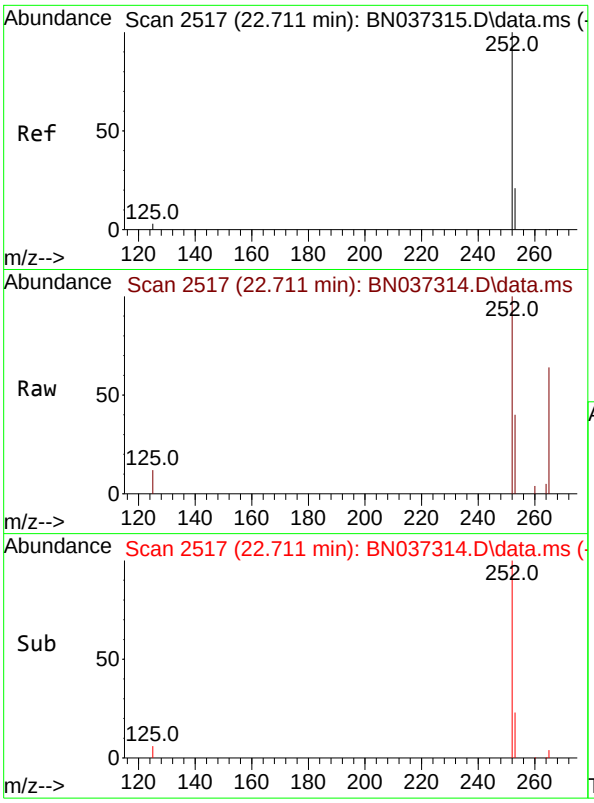


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng
RT: 25.561 min Scan# 3492
Delta R.T. 0.009 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:276 Resp: 2171

Ion	Ratio	Lower	Upper
276	100		
138	4.3	2.2	3.2#
277	22.4	17.1	25.7



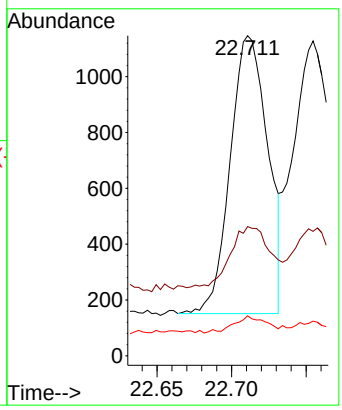


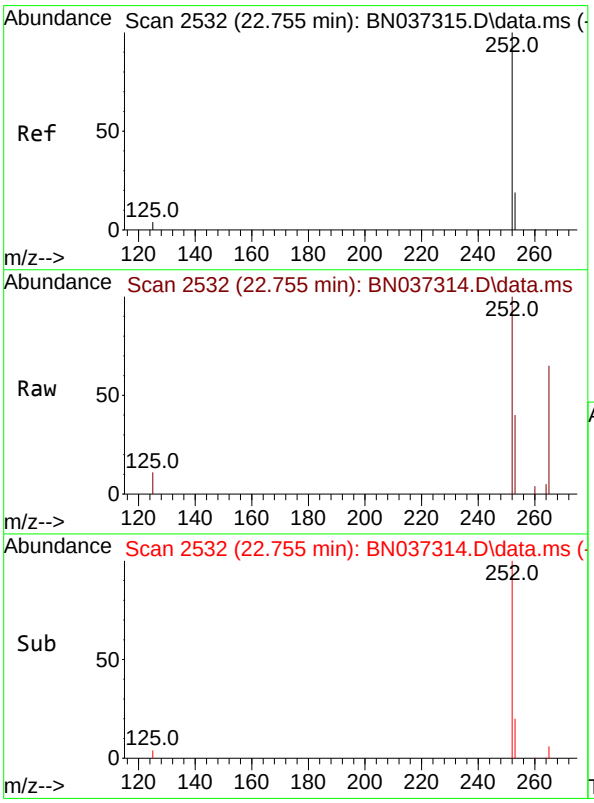
#37
Benzo(b)fluoranthene
Concen: 0.178 ng
RT: 22.711 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1740

Ion	Ratio	Lower	Upper
252	100		
253	40.4	26.6	40.0#
125	12.5	6.1	9.1#

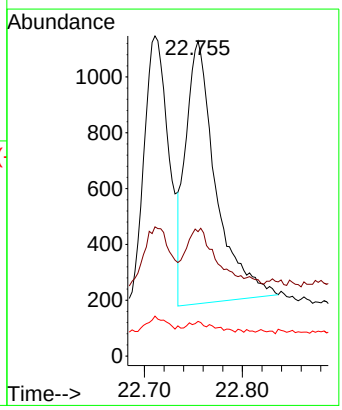


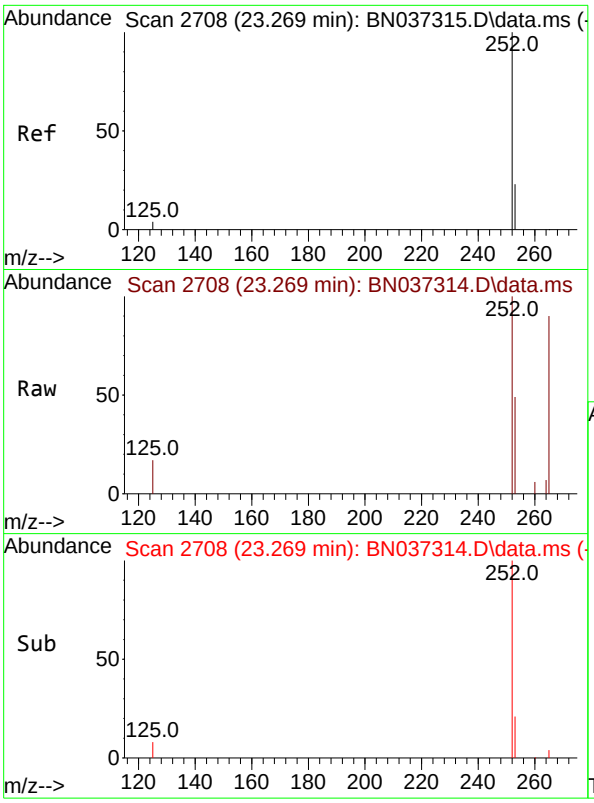


#38
Benzo(k)fluoranthene
Concen: 0.188 ng
RT: 22.755 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:252 Resp: 2013

Ion	Ratio	Lower	Upper
252	100		
253	39.5	26.7	40.1
125	11.0	6.5	9.7#



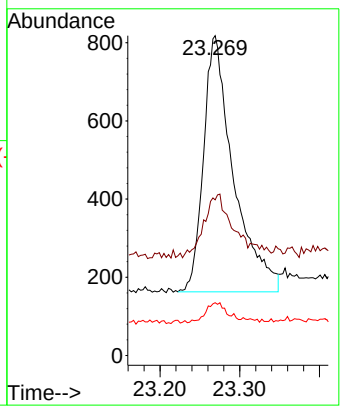


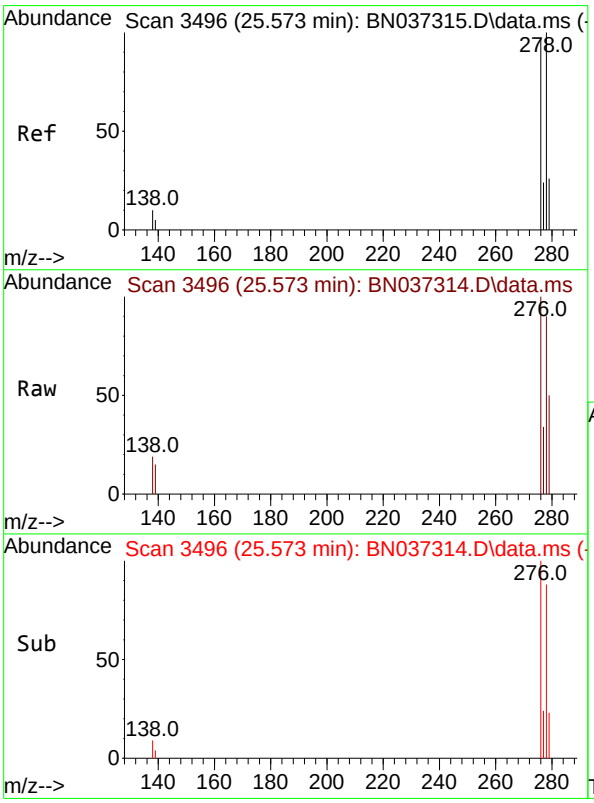
#39
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.269 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1711

Ion	Ratio	Lower	Upper
252	100		
253	48.7	31.6	47.4#
125	16.5	8.4	12.6#

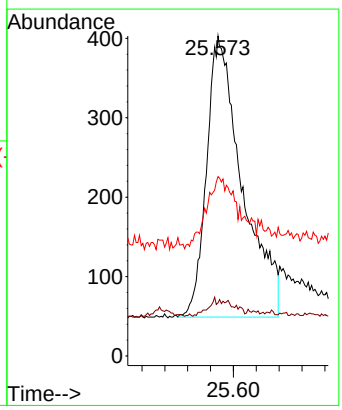


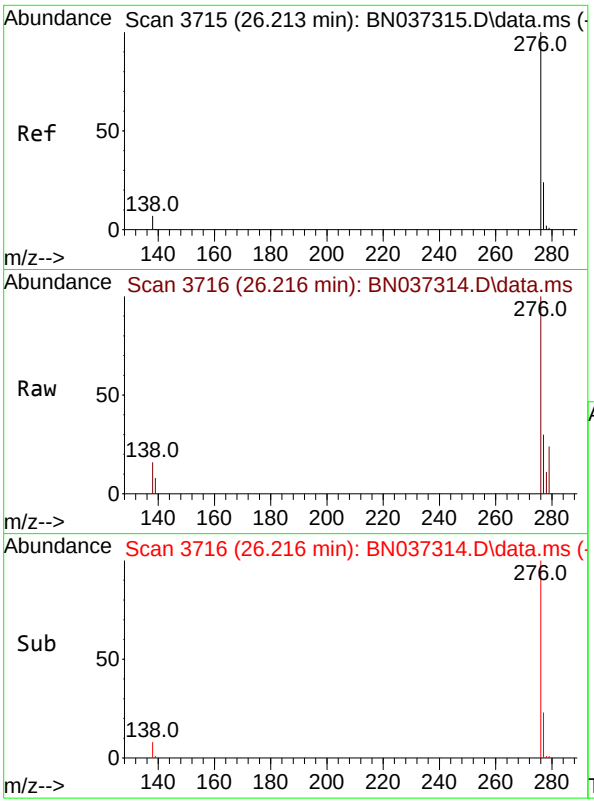


#40
Dibenzo(a,h)anthracene
Concen: 0.164 ng
RT: 25.573 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Tgt Ion:278 Resp: 1538

Ion	Ratio	Lower	Upper
278	100		
139	16.6	10.2	15.4#
279	56.1	35.6	53.4#





#41
Benzo(g,h,i)perylene
Concen: 0.191 ng
RT: 26.216 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037314.D
Acq: 18 Jun 2025 14:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2056

Ion	Ratio	Lower	Upper
276	100		
277	30.2	22.7	34.1
138	15.6	9.4	14.2#