Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037139.D
Acq On : 02 Jun 2025 19:22
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:17:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:14:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	2415	20.000	ng		0.00
7) Naphthalene-d8	10.383	136	6444	20.000	ng		# 0.00
13) Acenaphthene-d10	14.245	164	4056	20.000	ng		0.00
19) Phenanthrene-d10	16.996	188	8483	20.000	ng		0.00
29) Chrysene-d12	21.189	240	7611	20.000	ng		0.00
35) Perylene-d12	23.380	264	6269	20.000	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	29372	4.884	ng		0.00
5) Phenol-d6	6.773	99	39473	5.272	ng		0.00
8) Nitrobenzene-d5	8.749	82	35996	5.252	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	48576	5.273	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	9914	5.196	ng		0.00
15) 2-Fluorobiphenyl	12.868	172	83417	4.964	ng		0.00
27) Fluoranthene-d10	19.031	212	121567	5.297	ng		0.00
31) Terphenyl-d14	19.635	244	87643	4.894	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	13807	4.242	ng		96
3) n-Nitrosodimethylamine	3.429	42	30068	4.749	ng	#	94
6) bis(2-Chloroethyl)ether	7.033	93	35575	5.257	ng		97
9) Naphthalene	10.426	128	93455	5.046	ng		95
10) Hexachlorobutadiene	10.725	225	18739	4.712	ng	#	98
12) 2-Methylnaphthalene	12.052	142	65333	5.316	ng		97
16) Acenaphthylene	13.967	152	105761	5.363	ng		99
17) Acenaphthene	14.309	154	67096	5.231	ng		97
18) Fluorene	15.304	166	91795	5.203	ng		98
20) 4,6-Dinitro-2-methylph...	15.389	198	13371	6.757	ng	#	28
21) 4-Bromophenyl-phenylether	16.189	248	27905	5.194	ng	#	70
22) Hexachlorobenzene	16.301	284	28570	4.866	ng		99
23) Atrazine	16.475	200	26964	5.547	ng	#	90
24) Pentachlorophenol	16.649	266	18927	5.927	ng		99
25) Phenanthrene	17.034	178	141596	5.159	ng		99
26) Anthracene	17.120	178	138168	5.483	ng		99
28) Fluoranthene	19.059	202	173993	5.375	ng		99
30) Pyrene	19.421	202	174637	4.845	ng		100
32) Benzo(a)anthracene	21.171	228	148580	5.371	ng		99
33) Chrysene	21.224	228	148983	4.855	ng		98
34) Bis(2-ethylhexyl)phtha...	21.117	149	103401	5.248	ng	#	100
36) Indeno(1,2,3-cd)pyrene	25.585	276	125437	5.452	ng	#	94
37) Benzo(b)fluoranthene	22.725	252	138216	5.387	ng	#	89
38) Benzo(k)fluoranthene	22.766	252	135921	5.280	ng	#	90
39) Benzo(a)pyrene	23.284	252	113697	5.360	ng	#	82
40) Dibenzo(a,h)anthracene	25.593	278	97503	5.662	ng	#	89
41) Benzo(g,h,i)perylene	26.251	276	104960	5.112	ng		96

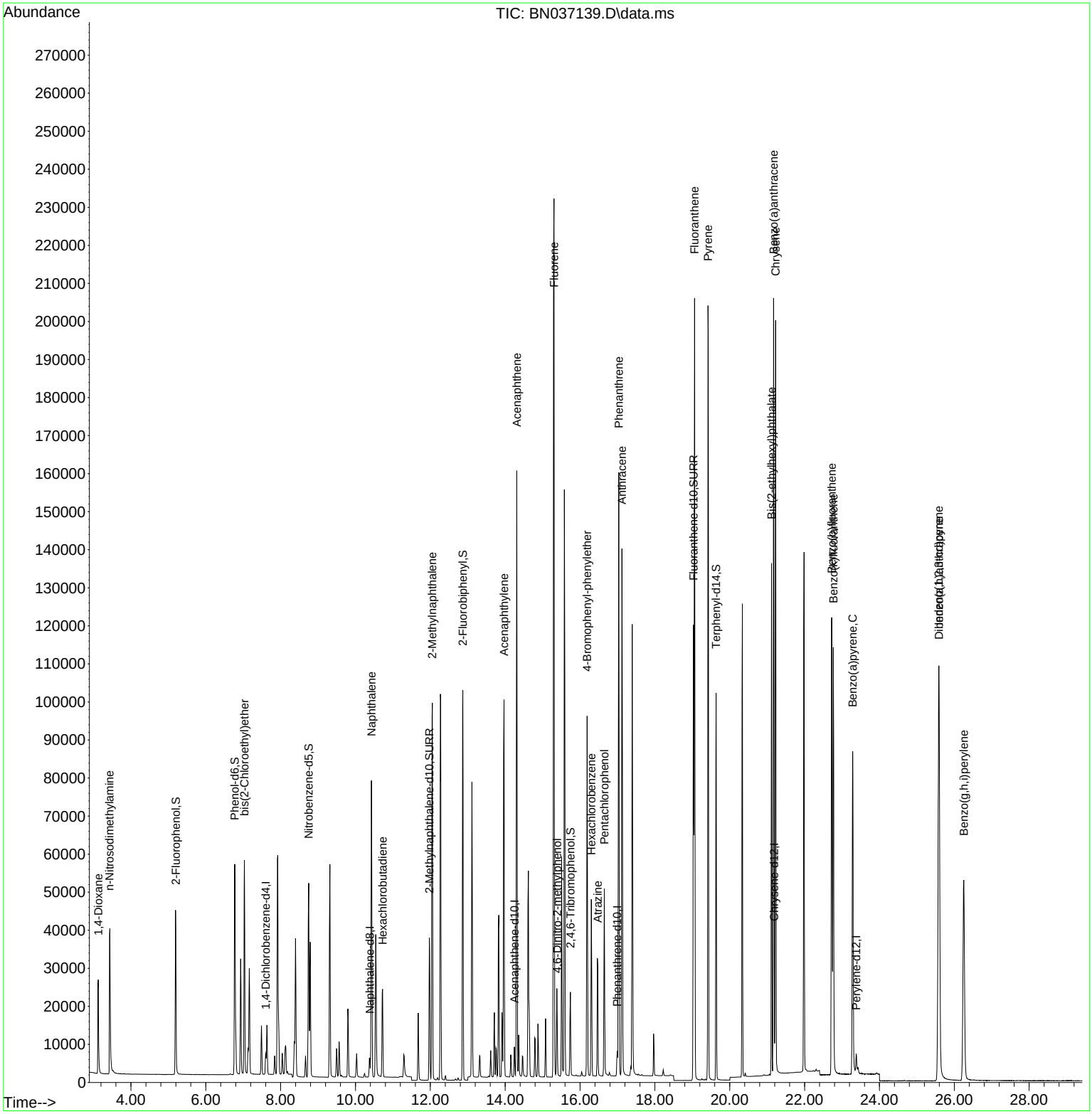
(#) = qualifier out of range (m) = manual integration (+) = signals summed

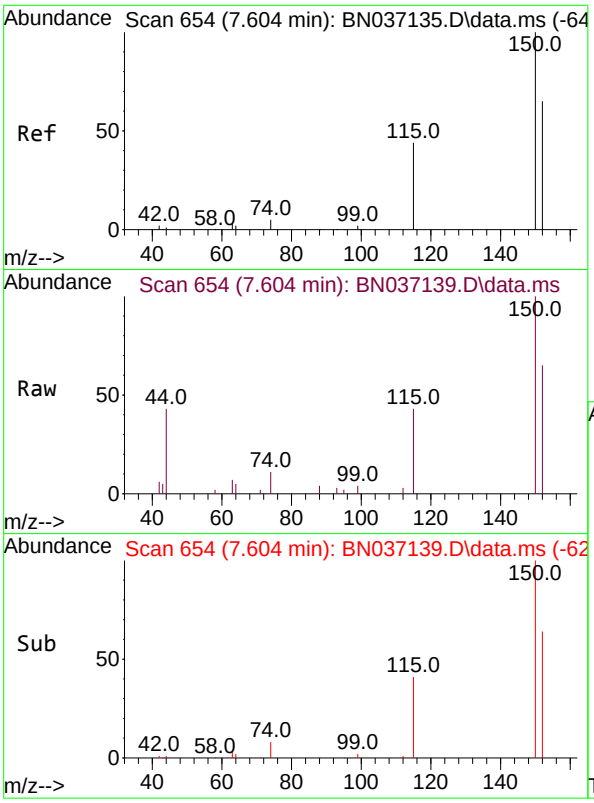
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037139.D
Acq On : 02 Jun 2025 19:22
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:17:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:14:01 2025
Response via : Initial Calibration



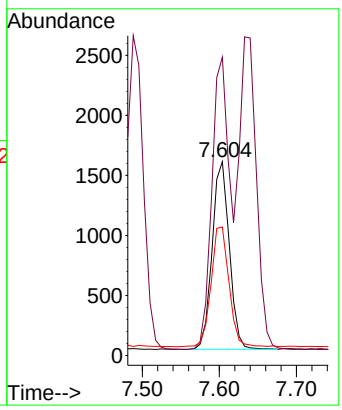


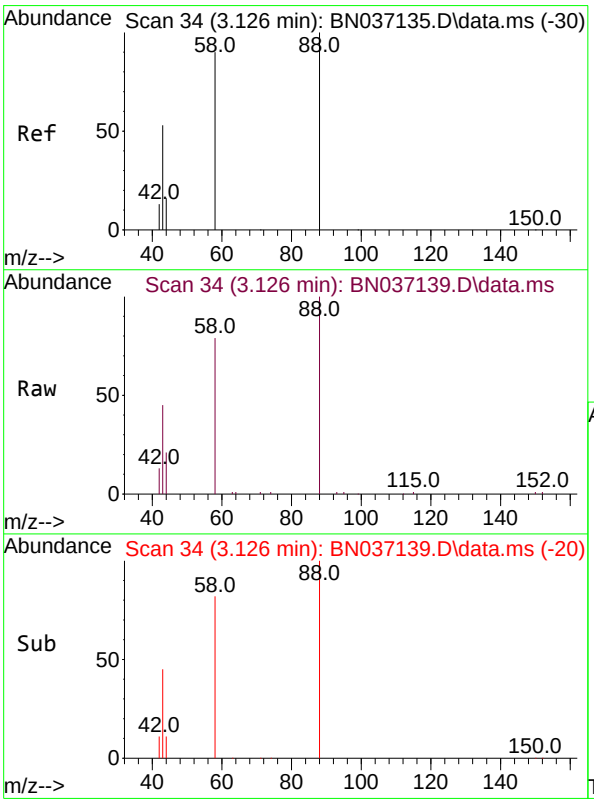
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.604 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2415

Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.6	180.8
115	66.3	56.6	85.0

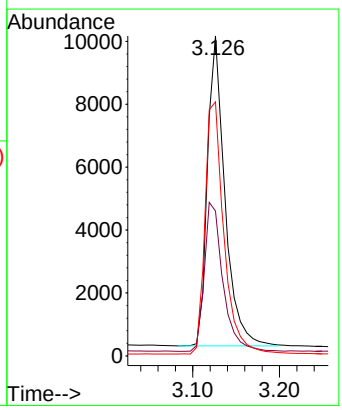


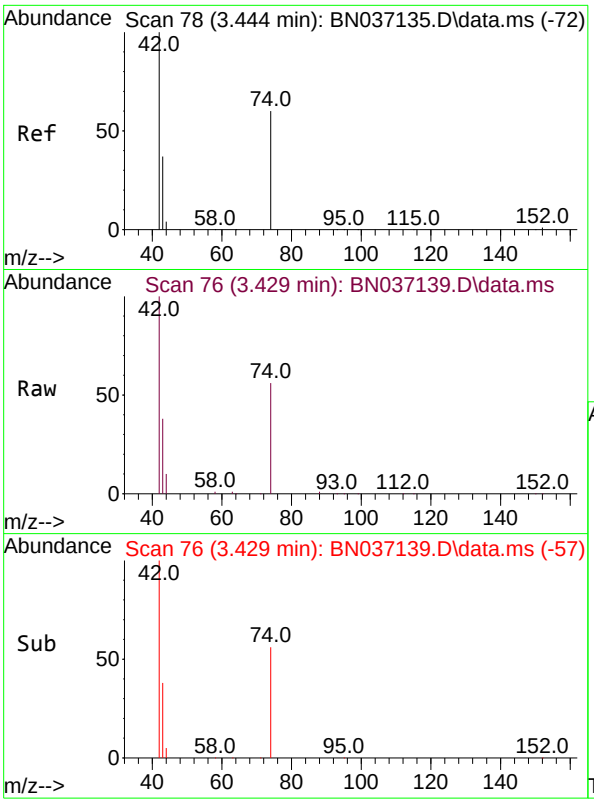


#2
1,4-Dioxane
Concen: 4.242 ng
RT: 3.126 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion: 88 Resp: 13807

Ion	Ratio	Lower	Upper
88	100		
43	51.0	41.6	62.4
58	87.9	65.8	98.8



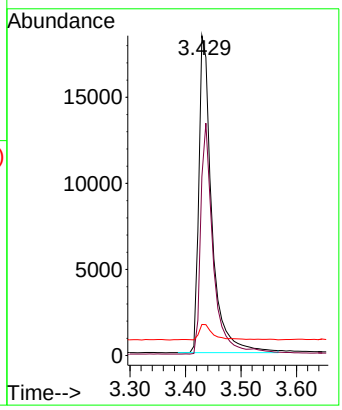


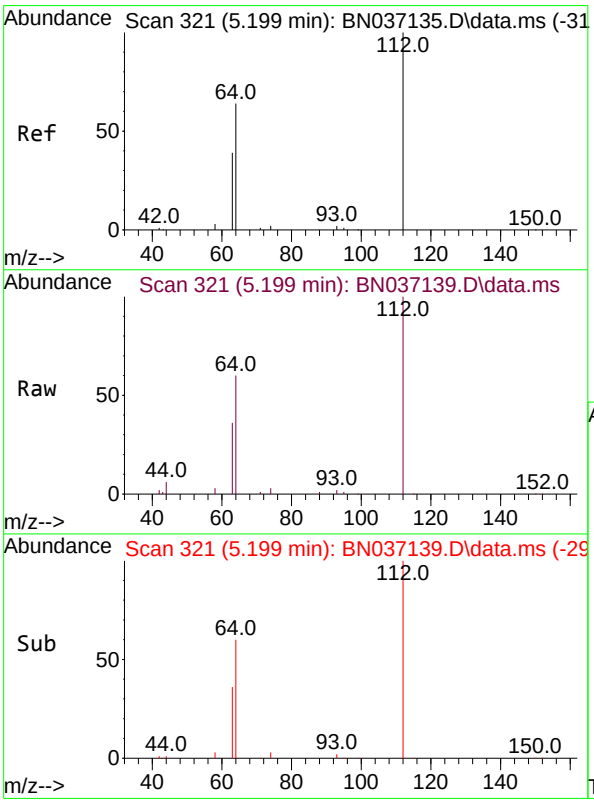
#3
n-Nitrosodimethylamine
Concen: 4.749 ng
RT: 3.429 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 30068

Ion	Ratio	Lower	Upper
42	100		
74	70.6	53.0	79.4
44	5.0	7.2	10.8#

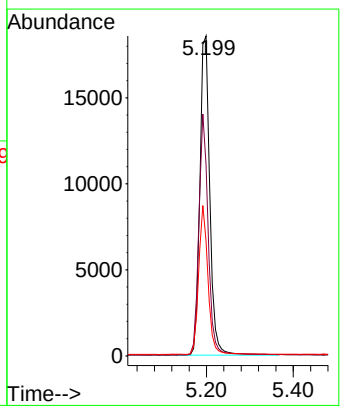


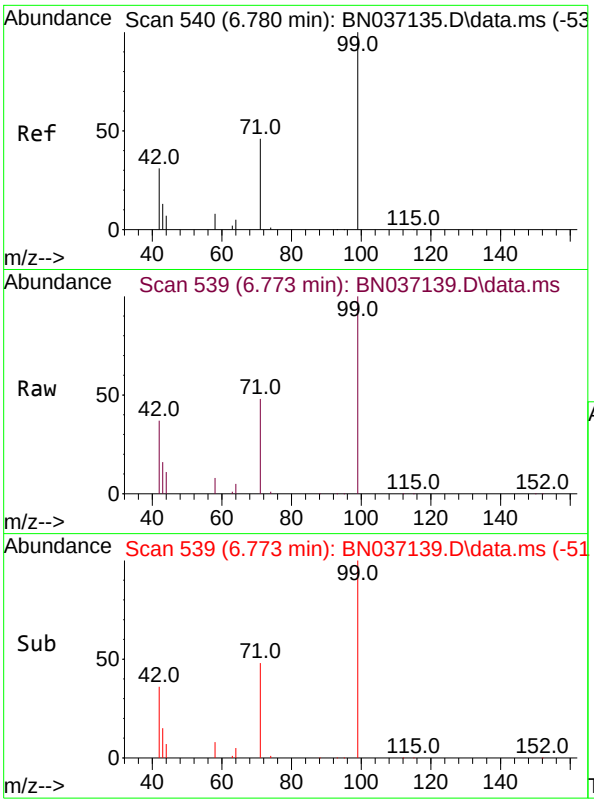


#4
2-Fluorophenol
Concen: 4.884 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:112 Resp: 29372

Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.0	84.0
63	43.8	37.0	55.4



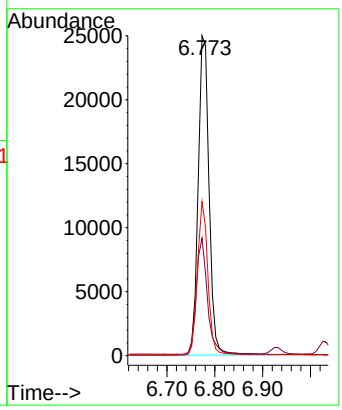


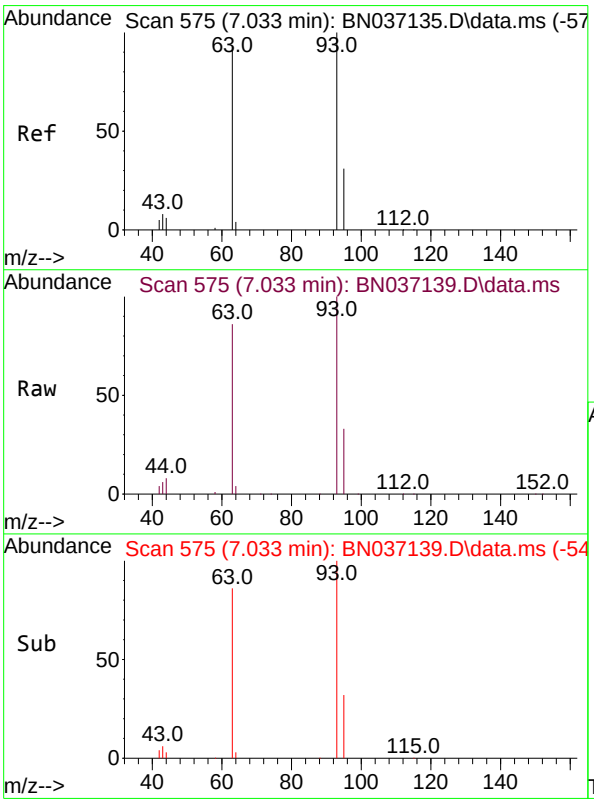
#5
Phenol-d6
Concen: 5.272 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 39473

Ion	Ratio	Lower	Upper
99	100		
42	37.2	30.5	45.7
71	46.2	39.1	58.7

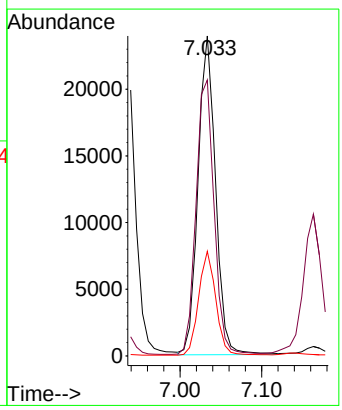


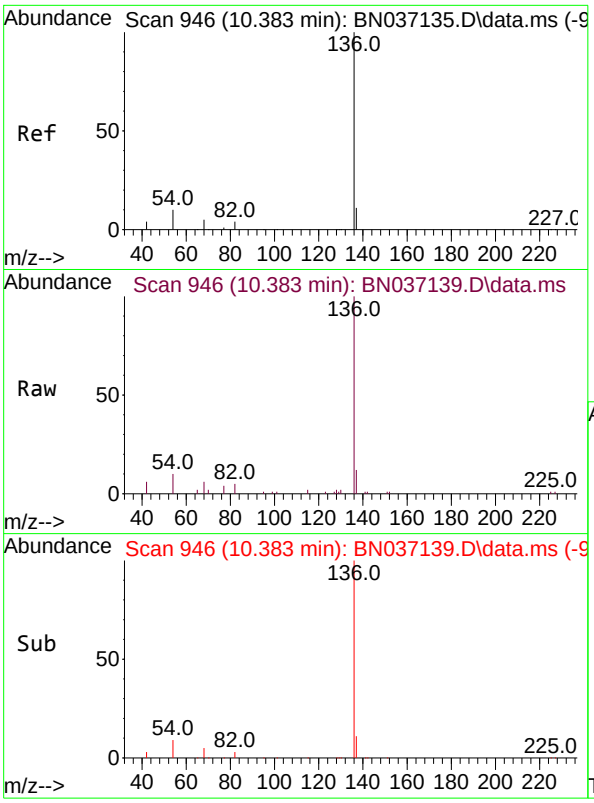


#6
bis(2-Chloroethyl)ether
Concen: 5.257 ng
RT: 7.033 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion: 93 Resp: 35575

Ion	Ratio	Lower	Upper
93	100		
63	88.6	68.4	102.6
95	31.9	24.2	36.4



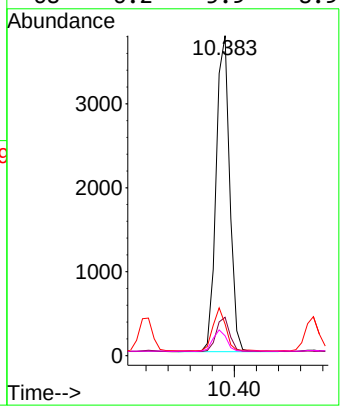


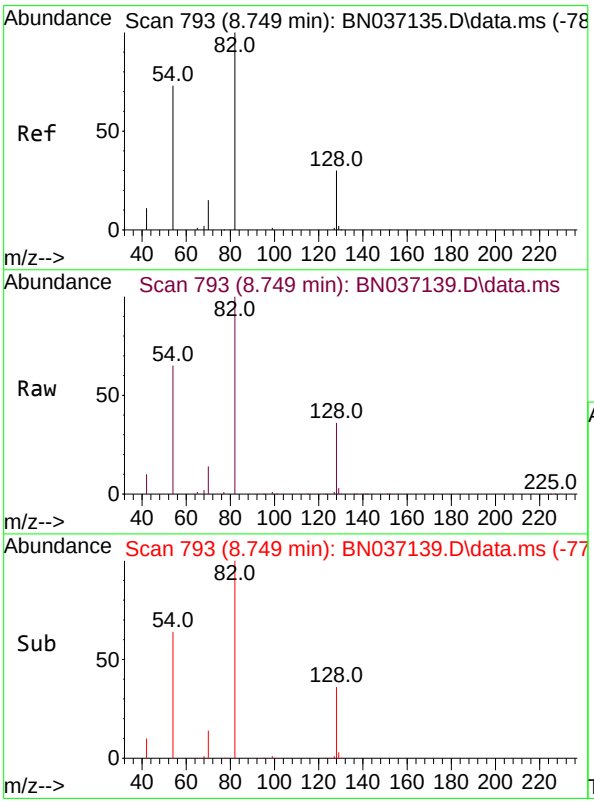
#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.383 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6444

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.3	15.5
54	9.9	9.9	14.9#
68	6.2	5.9	8.9

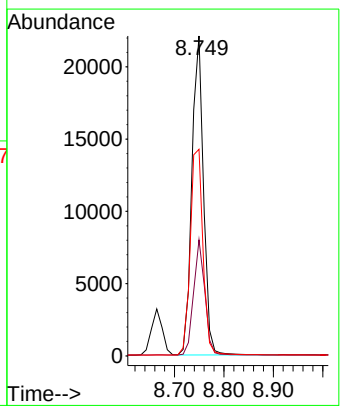


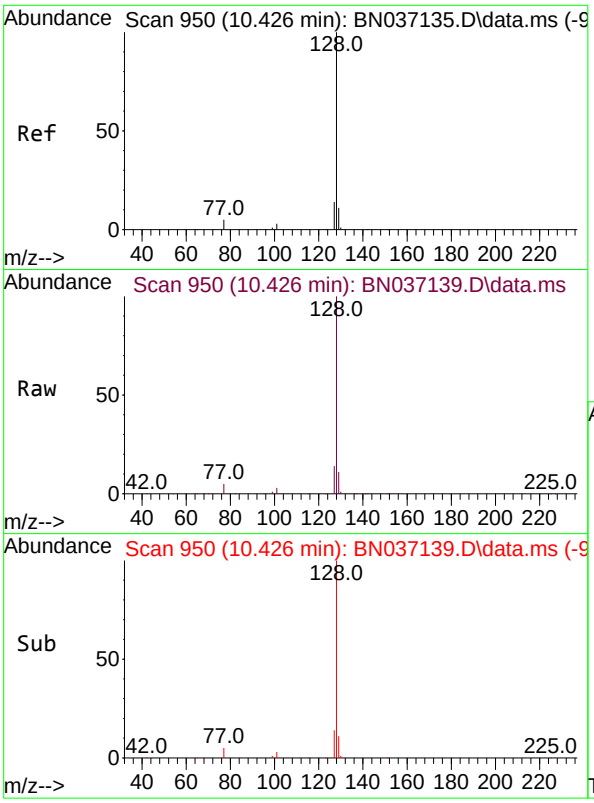


#8
Nitrobenzene-d5
Concen: 5.252 ng
RT: 8.749 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion: 82 Resp: 35996

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.2	42.2
54	64.6	60.2	90.2



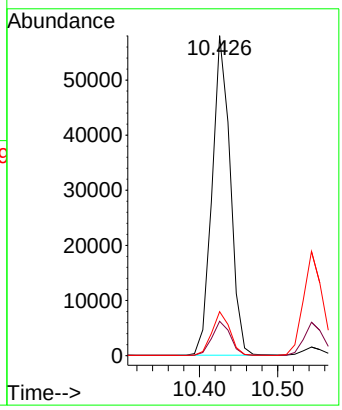


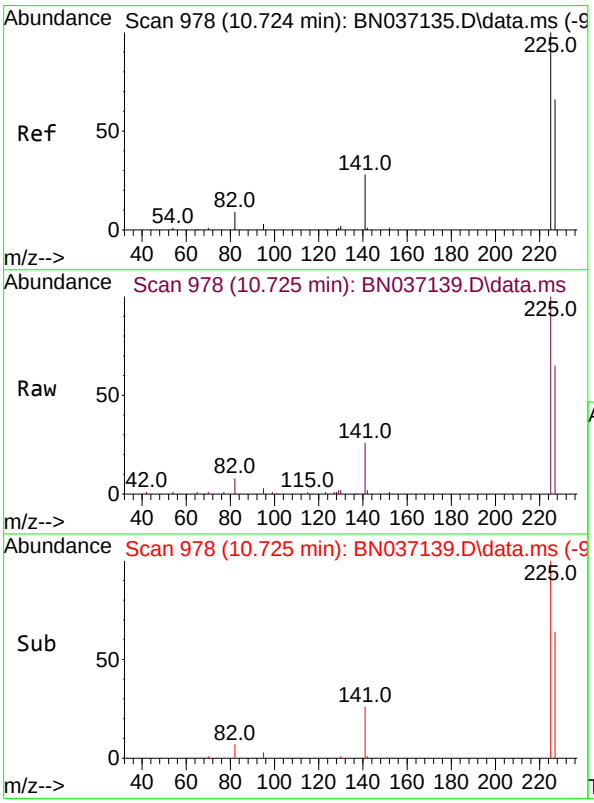
#9
Naphthalene
Concen: 5.046 ng
RT: 10.426 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 93455

Ion	Ratio	Lower	Upper
128	100		
129	10.7	10.2	15.4
127	13.7	12.6	18.8

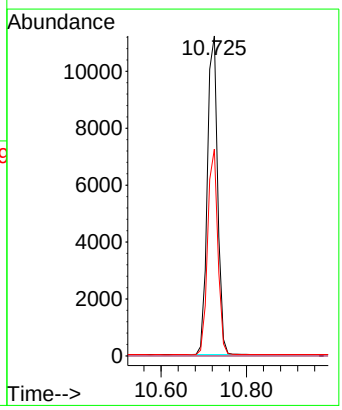


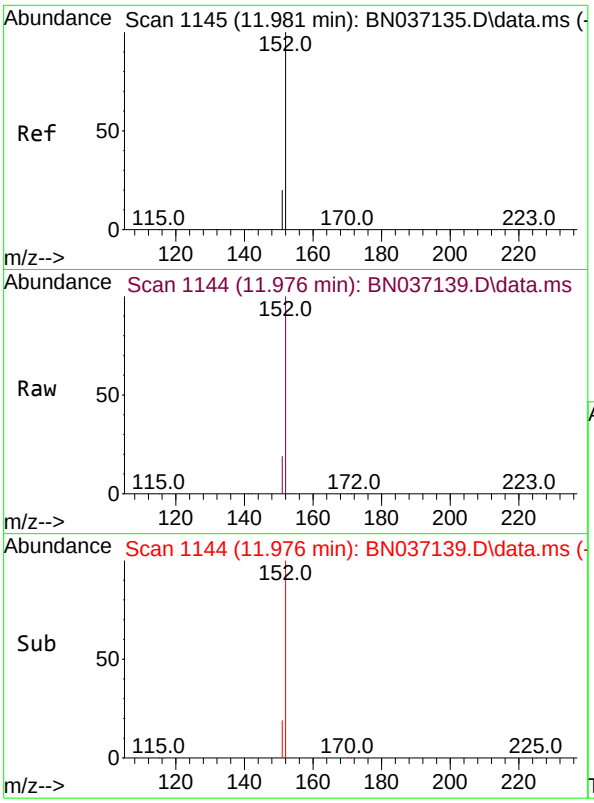


#10
Hexachlorobutadiene
Concen: 4.712 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:225 Resp: 18739

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.8	77.8



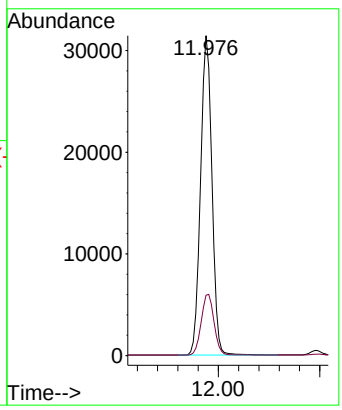


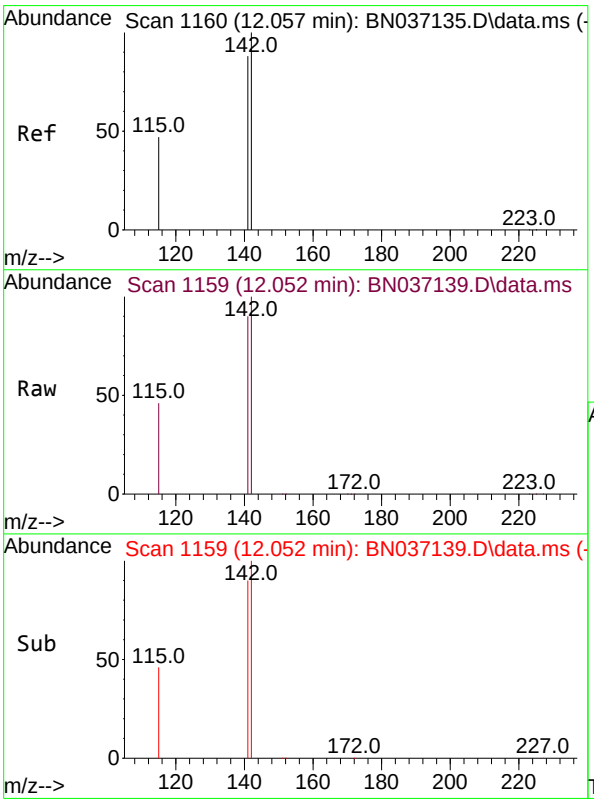
#11
2-Methylnaphthalene-d10
Concen: 5.273 ng
RT: 11.976 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 48576

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.8	26.6

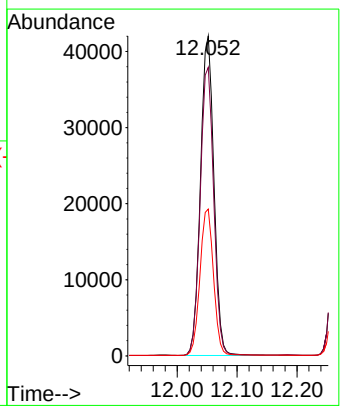


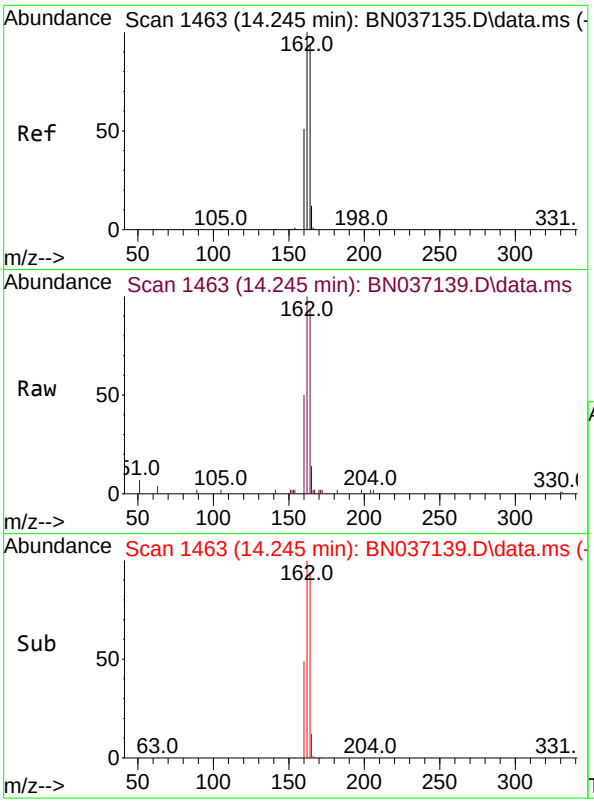


#12
2-Methylnaphthalene
Concen: 5.316 ng
RT: 12.052 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:142 Resp: 65333

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.6	106.0
115	45.9	39.7	59.5



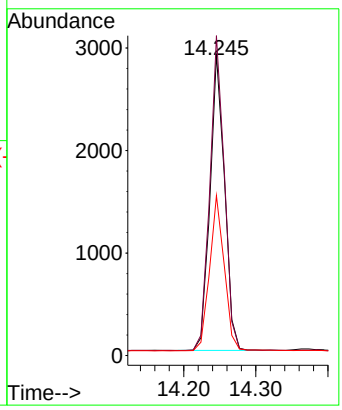


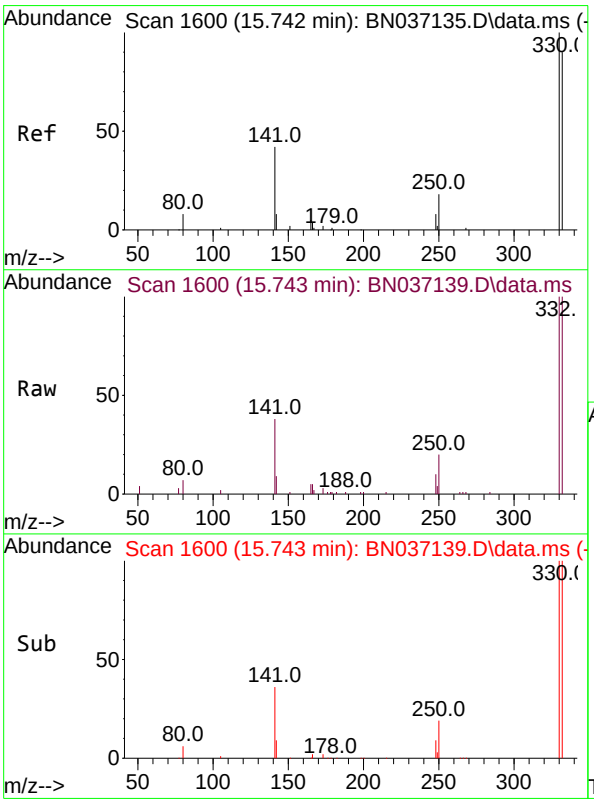
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4056

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.1	127.7
160	53.1	44.2	66.4

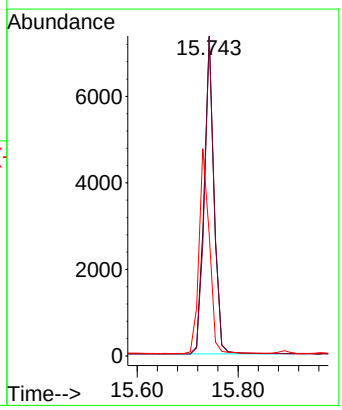


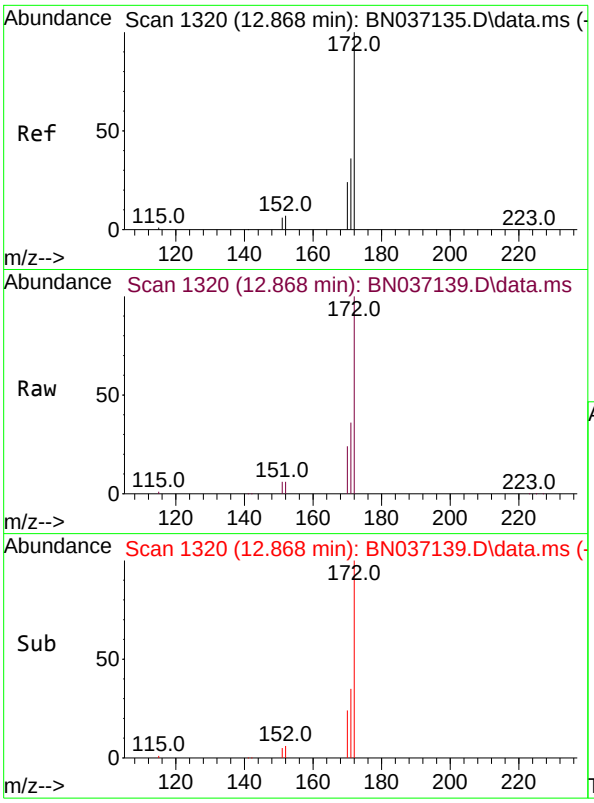


#14
2,4,6-Tribromophenol
Concen: 5.196 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:330 Resp: 9914

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	115.0
141	67.6	47.3	70.9



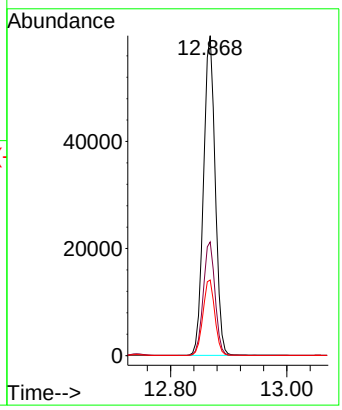


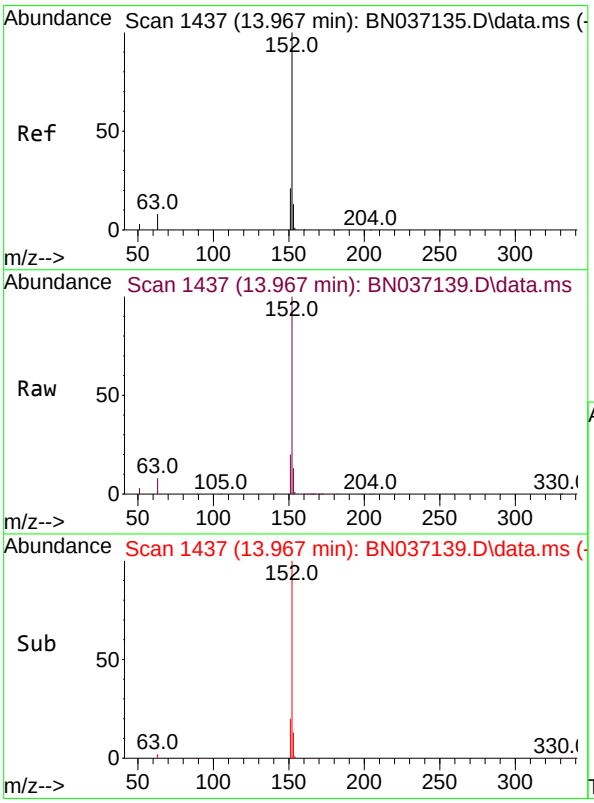
#15
2-Fluorobiphenyl
Concen: 4.964 ng
RT: 12.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 83417

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.6	20.5	30.7

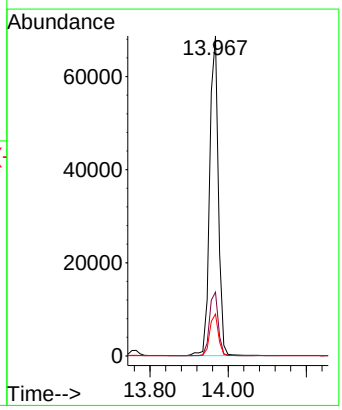


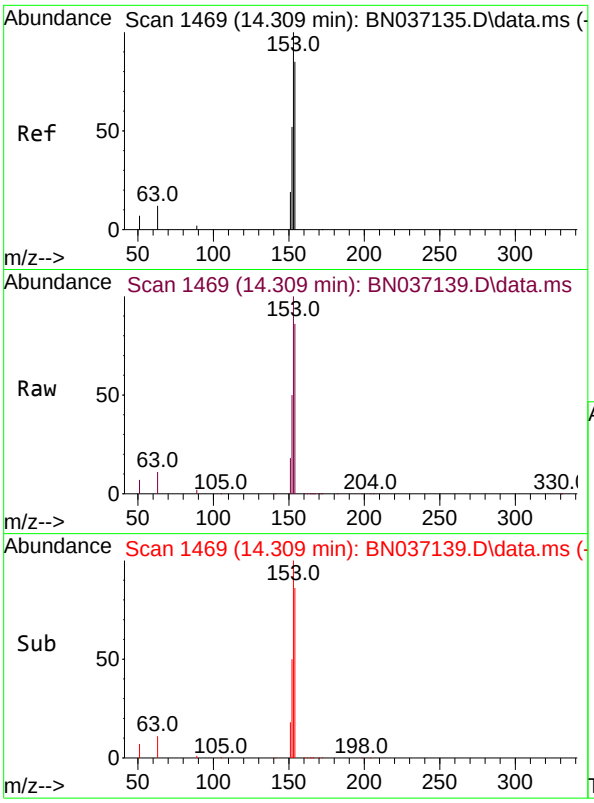


#16
Acenaphthylene
Concen: 5.363 ng
RT: 13.967 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:152 Resp: 105761

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.0	10.5	15.7



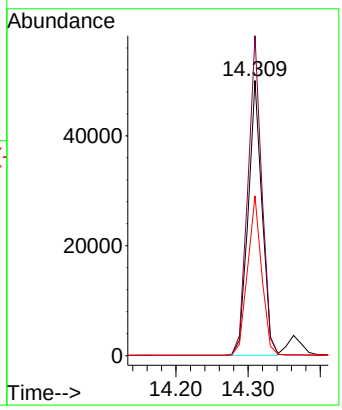


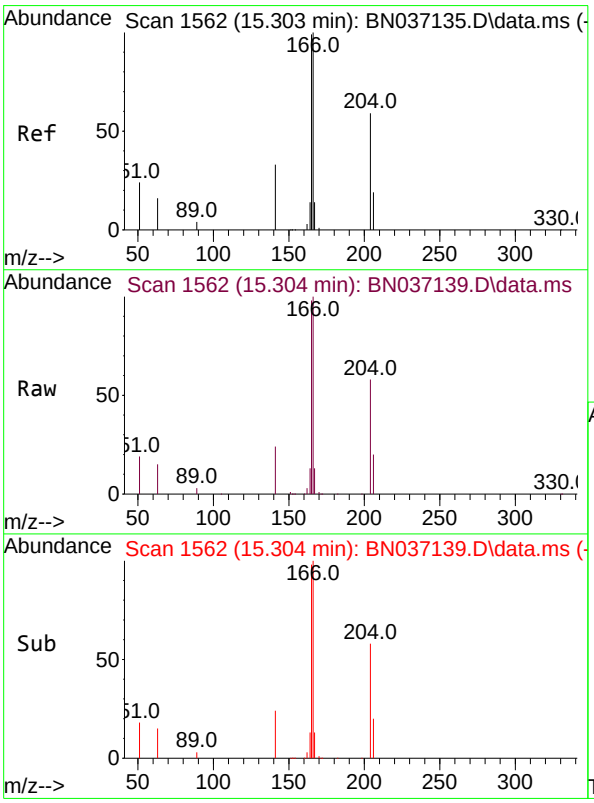
#17
Acenaphthene
Concen: 5.231 ng
RT: 14.309 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 67096

Ion	Ratio	Lower	Upper
154	100		
153	116.9	95.4	143.2
152	59.2	50.6	75.8

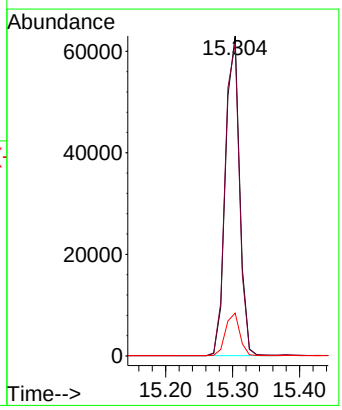


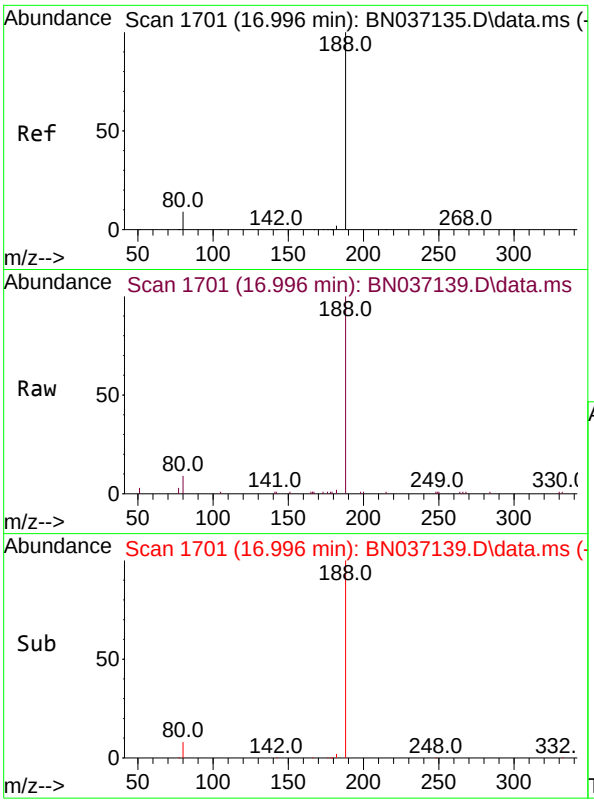


#18
Fluorene
Concen: 5.203 ng
RT: 15.304 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:166 Resp: 91795

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.4	122.0
167	13.3	10.9	16.3



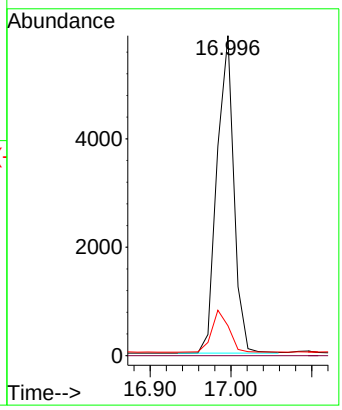


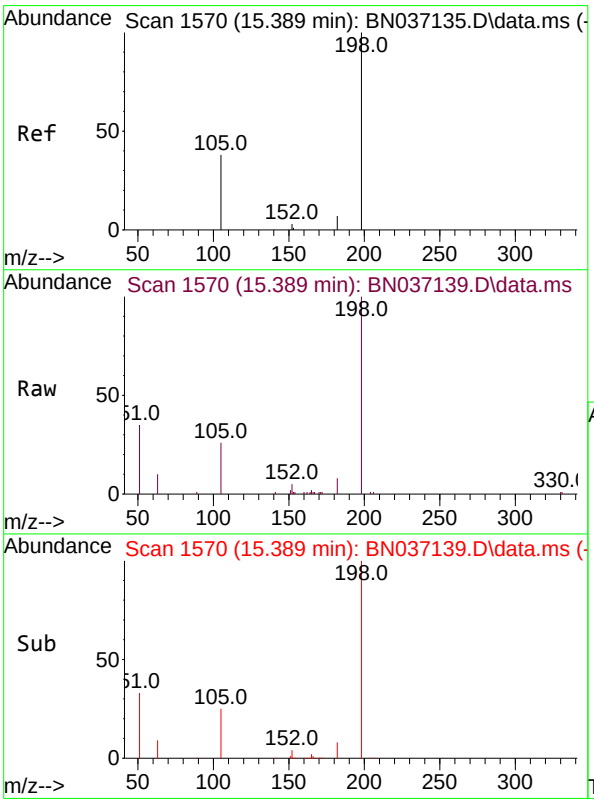
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.996 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 8483

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.4	12.6

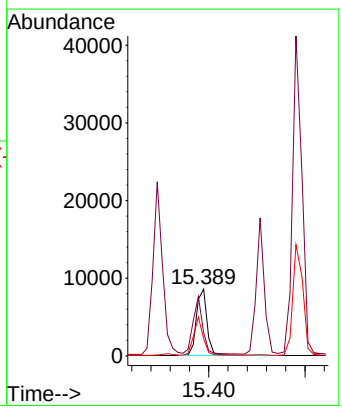


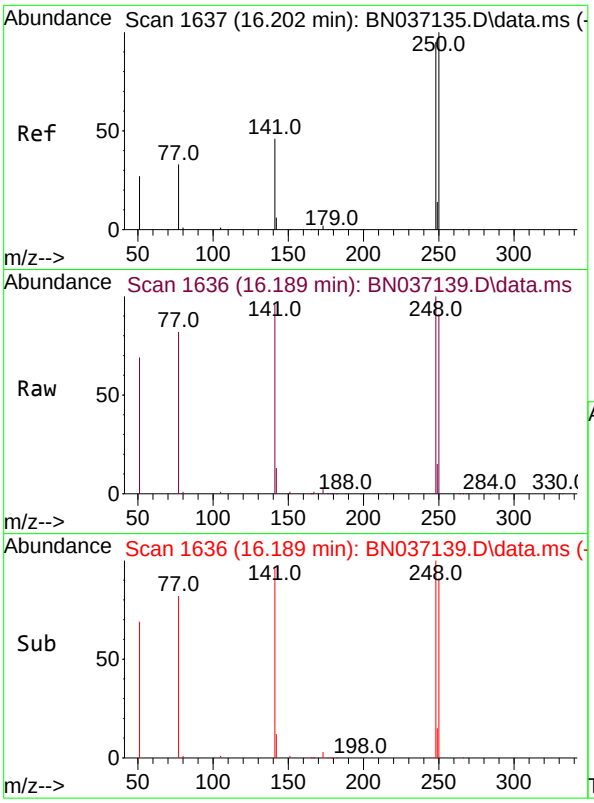


#20
4,6-Dinitro-2-methylphenol
Concen: 6.757 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:198 Resp: 13371

Ion	Ratio	Lower	Upper
198	100		
51	34.8	109.0	163.6#
105	26.0	43.0	64.4#



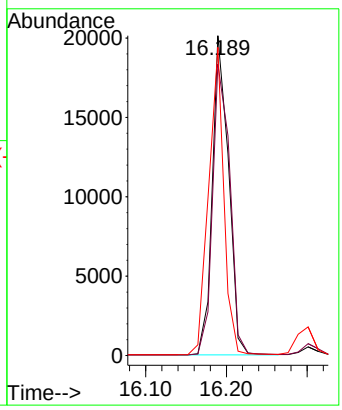


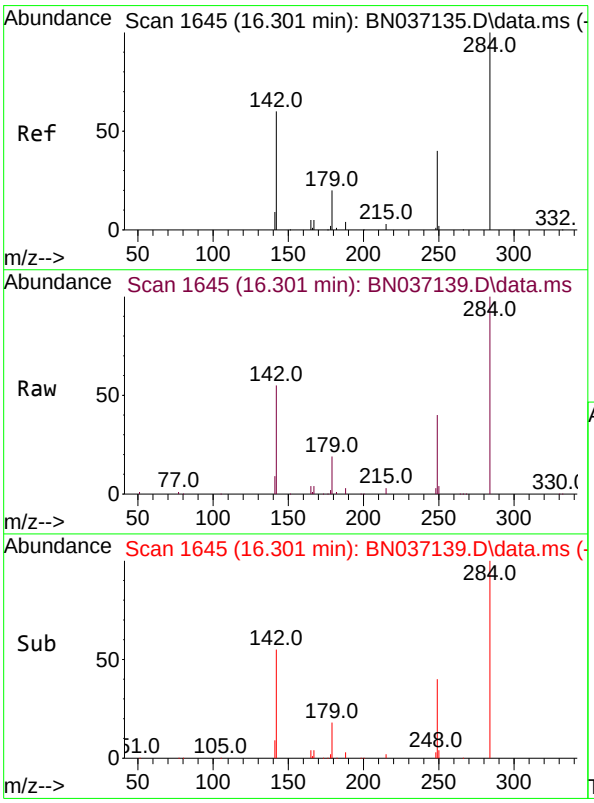
#21
4-Bromophenyl-phenylether
Concen: 5.194 ng
RT: 16.189 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 27905

Ion	Ratio	Lower	Upper
248	100		
250	91.1	83.8	125.6
141	96.3	41.9	62.9#

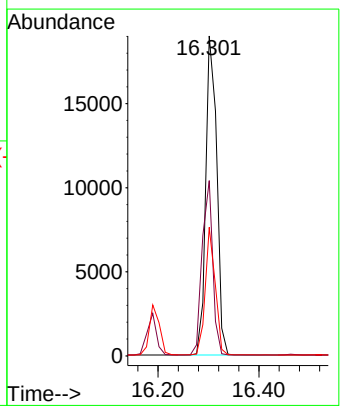


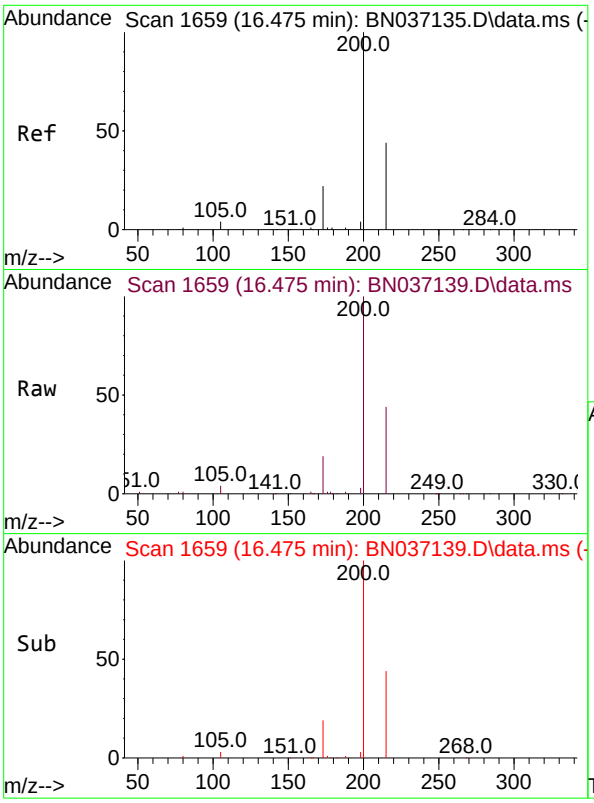


#22
Hexachlorobenzene
Concen: 4.866 ng
RT: 16.301 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:284 Resp: 28570

Ion	Ratio	Lower	Upper
284	100		
142	52.6	43.0	64.6
249	36.4	29.4	44.0



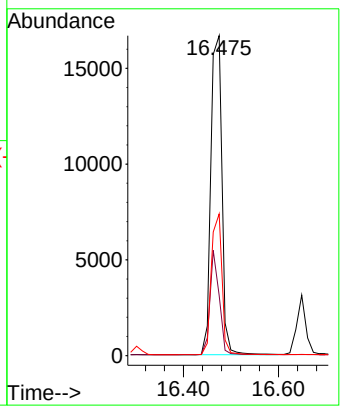


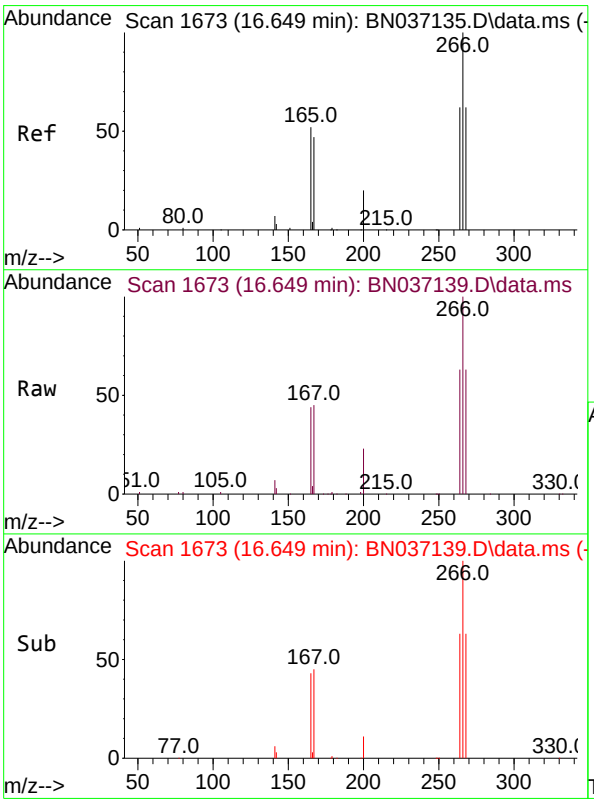
#23
Atrazine
Concen: 5.547 ng
RT: 16.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 26964

Ion	Ratio	Lower	Upper
200	100		
173	18.8	22.3	33.5#
215	44.3	38.3	57.5

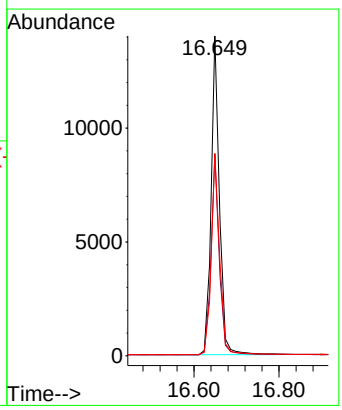


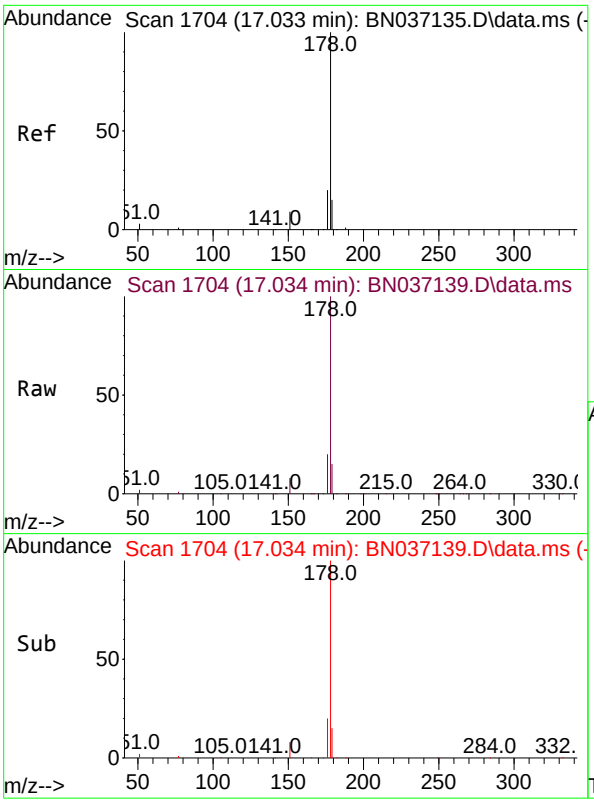


#24
Pentachlorophenol
Concen: 5.927 ng
RT: 16.649 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:266 Resp: 18927

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.0	73.4
268	63.8	51.6	77.4



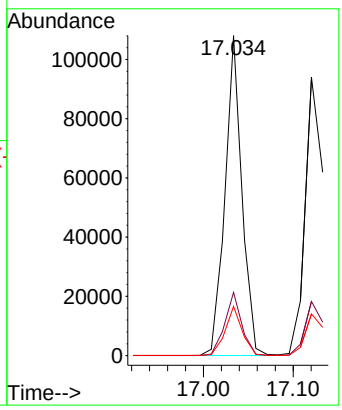


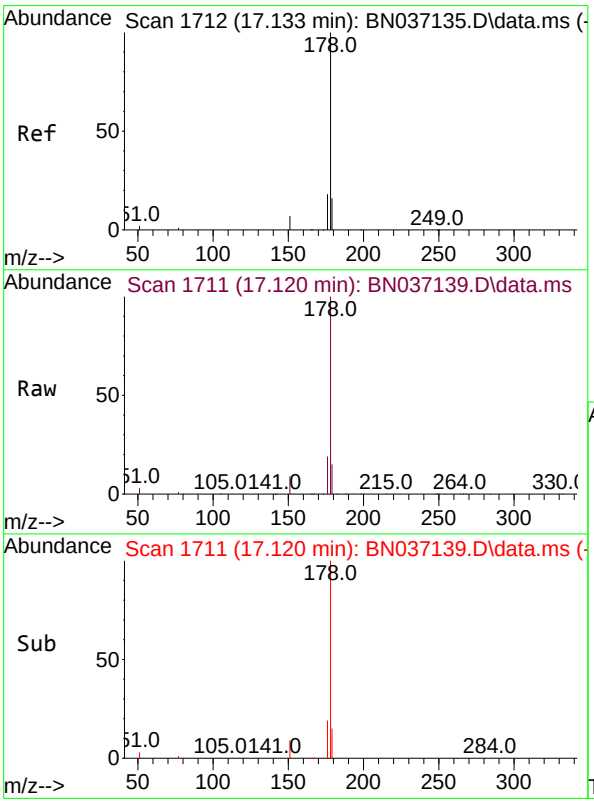
#25
Phenanthrene
Concen: 5.159 ng
RT: 17.034 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 141596

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.3	12.4	18.6

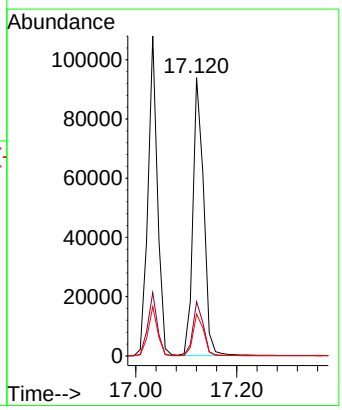


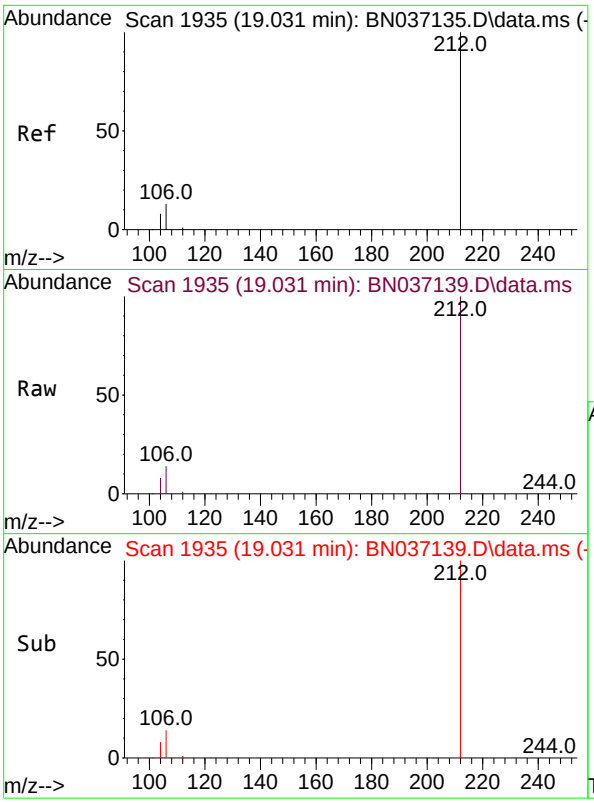


#26
Anthracene
Concen: 5.483 ng
RT: 17.120 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:178 Resp: 138168

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.1	12.3	18.5



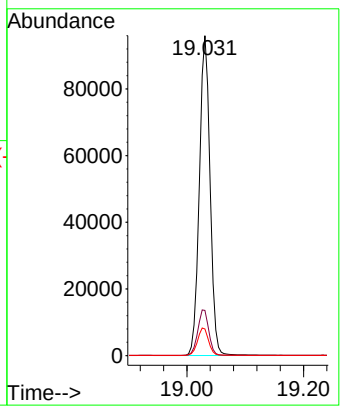


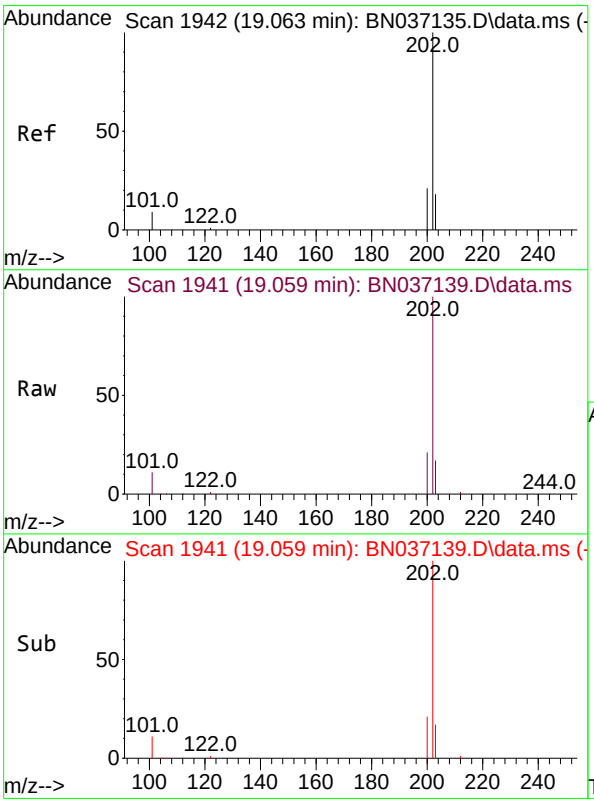
#27
Fluoranthene-d10
Concen: 5.297 ng
RT: 19.031 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 121567

Ion	Ratio	Lower	Upper
212	100		
106	14.7	10.8	16.2
104	8.7	6.8	10.2

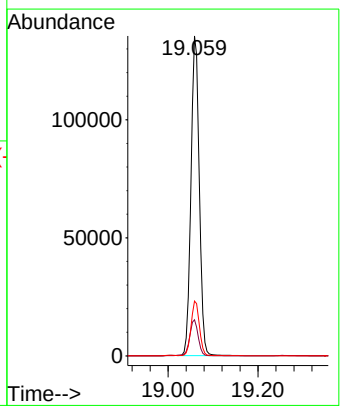


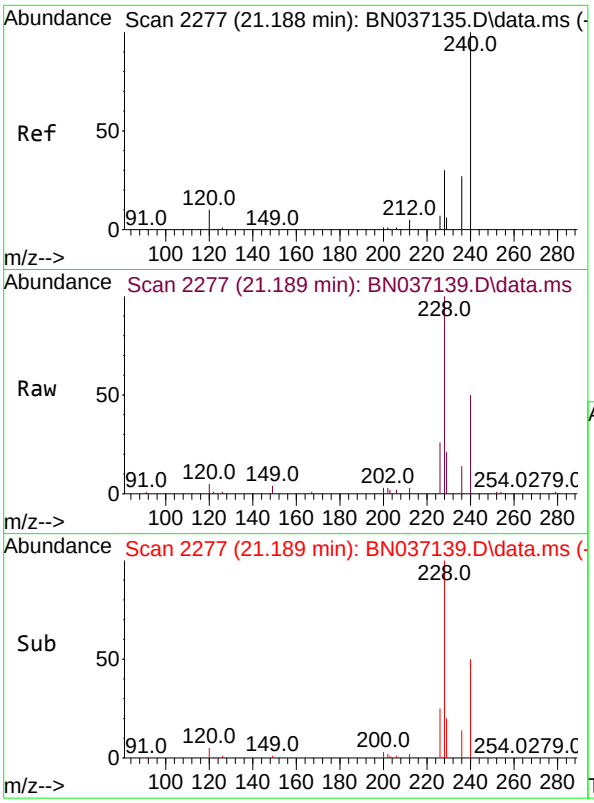


#28
Fluoranthene
Concen: 5.375 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:202 Resp: 173993

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.4	12.6
203	17.2	13.6	20.4



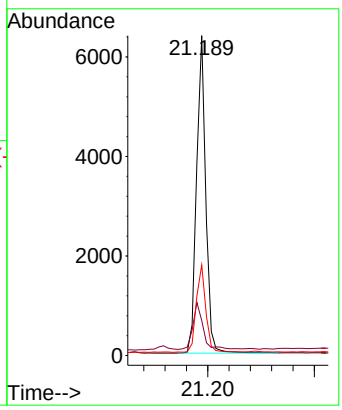


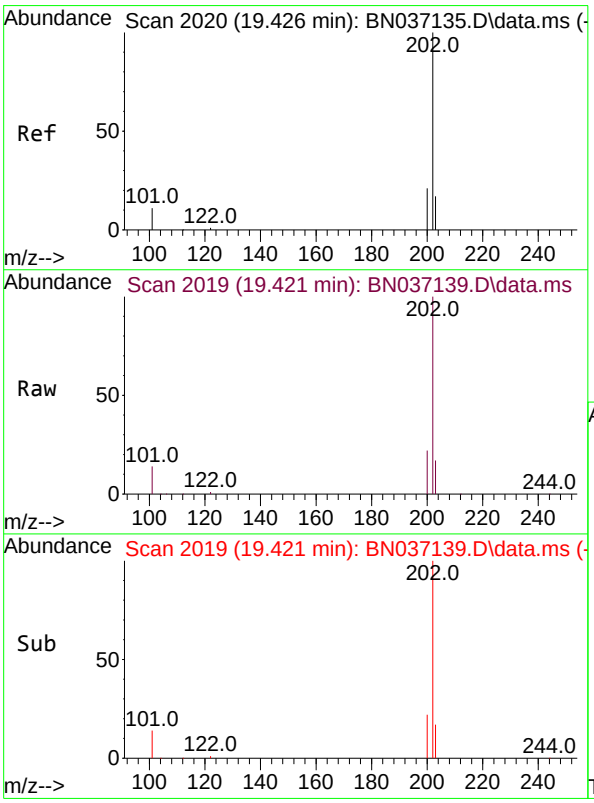
#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.189 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7611

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.5	15.7
236	28.3	23.0	34.6

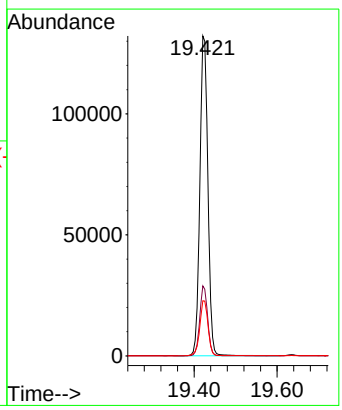


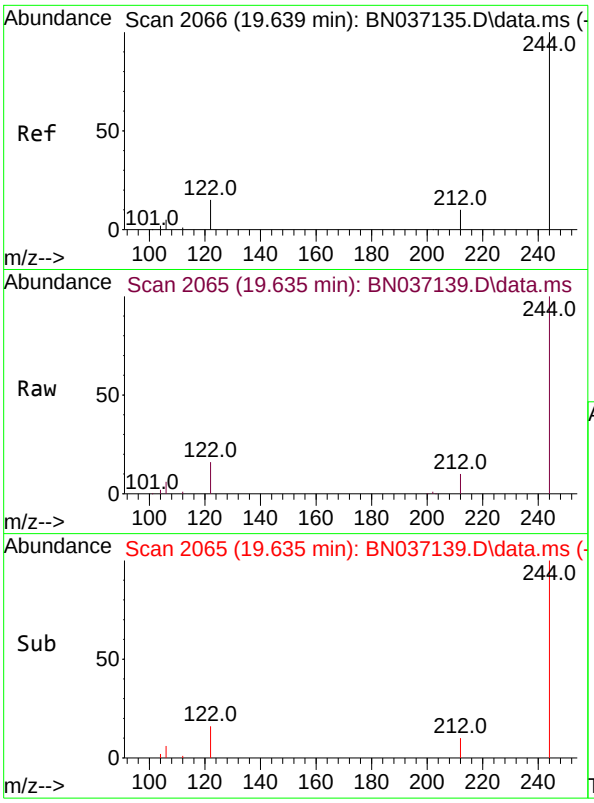


#30
Pyrene
Concen: 4.845 ng
RT: 19.421 min Scan# 2019
Delta R.T. -0.004 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:202 Resp: 174637

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.7	14.2	21.4



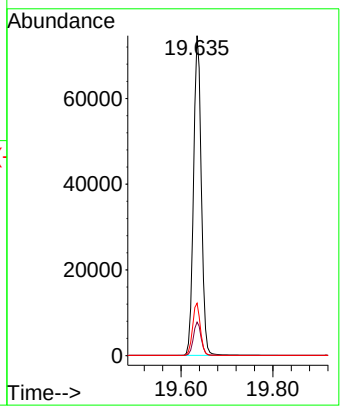


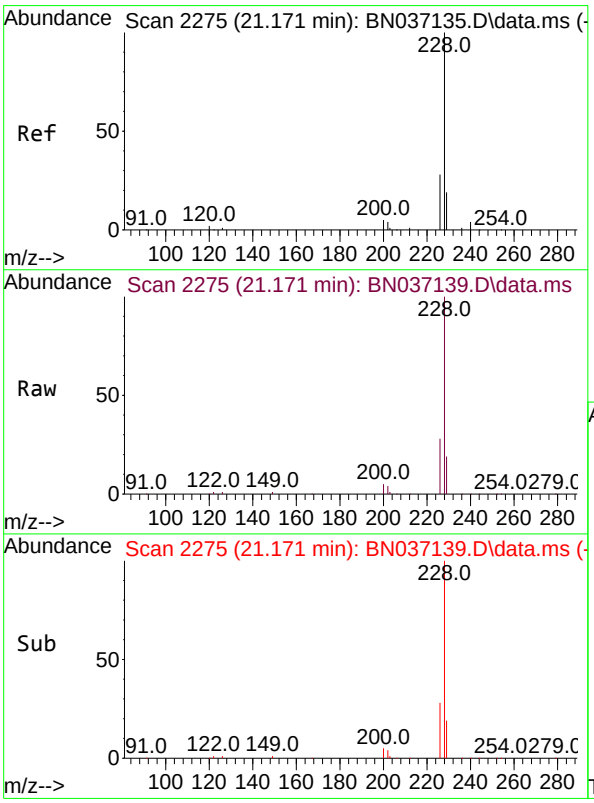
#31
Terphenyl-d14
Concen: 4.894 ng
RT: 19.635 min Scan# 20
Delta R.T. -0.004 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 87643

Ion	Ratio	Lower	Upper
244	100		
212	10.5	9.2	13.8
122	16.4	13.2	19.8

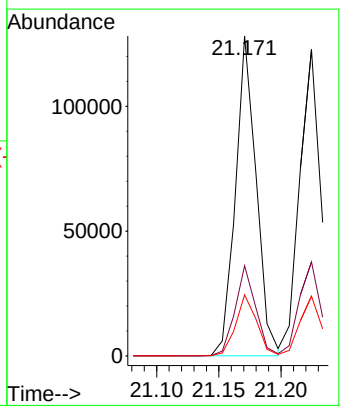


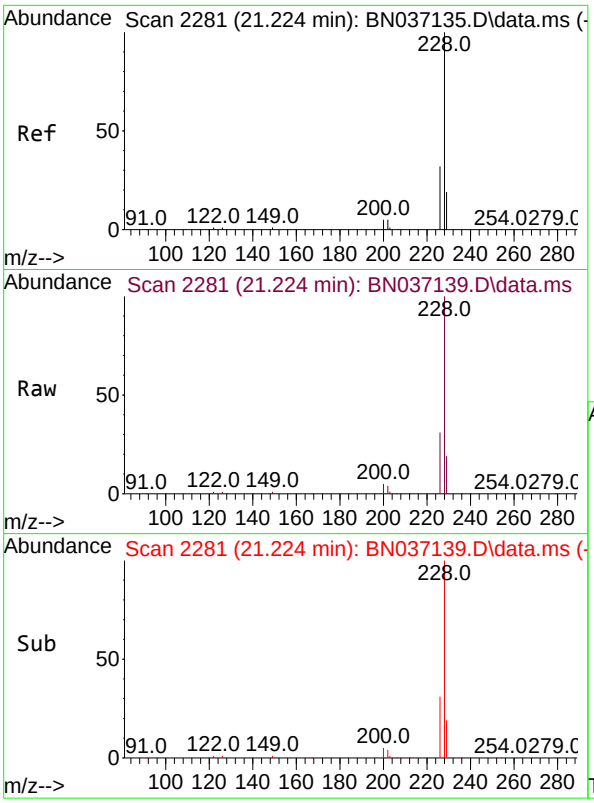


#32
Benzo(a)anthracene
Concen: 5.371 ng
RT: 21.171 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:228 Resp: 148580

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	19.1	15.8	23.8



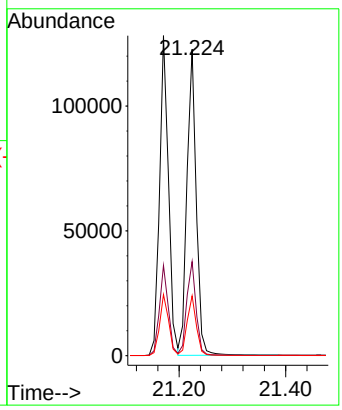


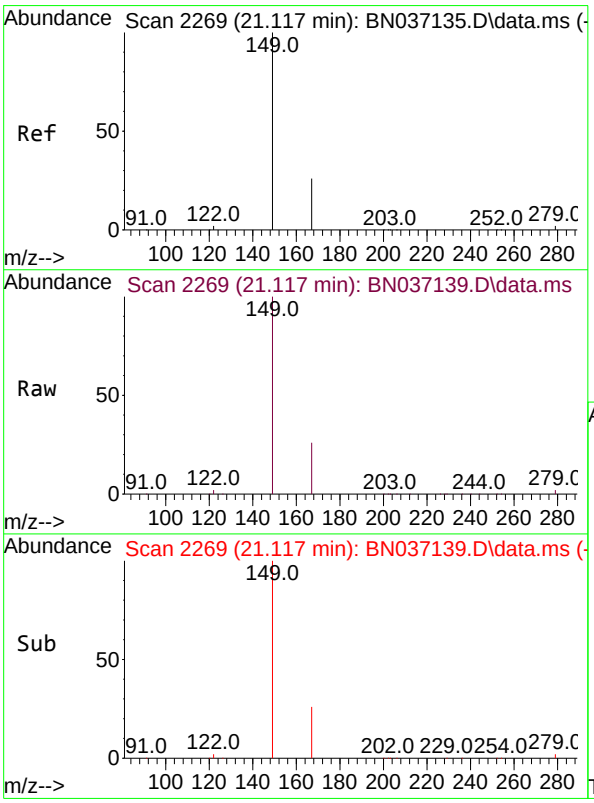
#33
Chrysene
Concen: 4.855 ng
RT: 21.224 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 148983

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	19.5	16.3	24.5

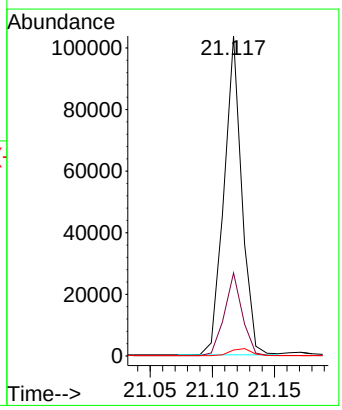


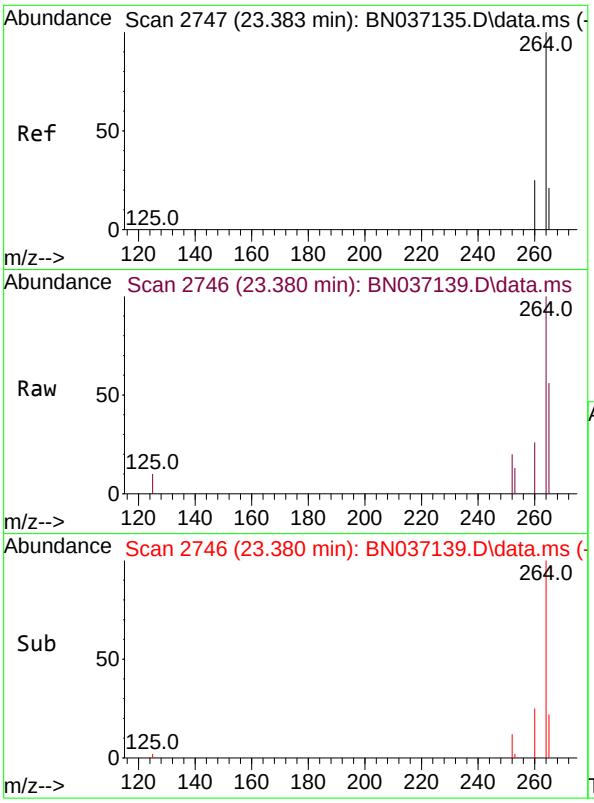


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.248 ng
RT: 21.117 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:149 Resp: 103401

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.7	31.1
279	2.5	2.8	4.2#



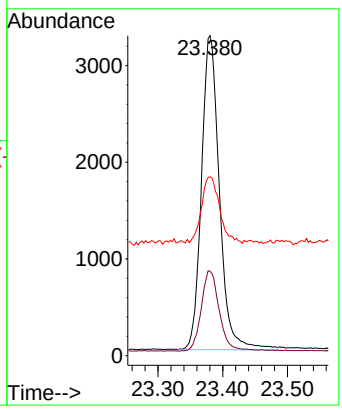


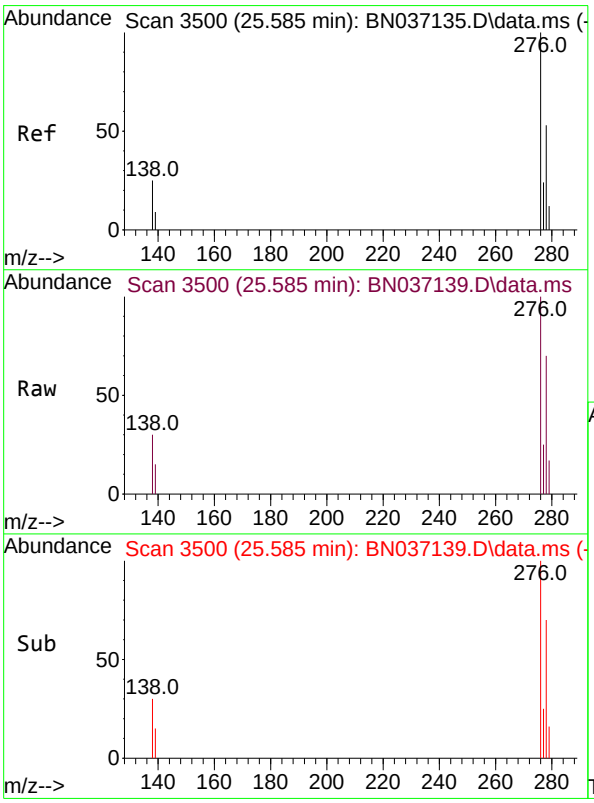
#35
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 6269

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.4	32.2
265	55.9	51.2	76.8

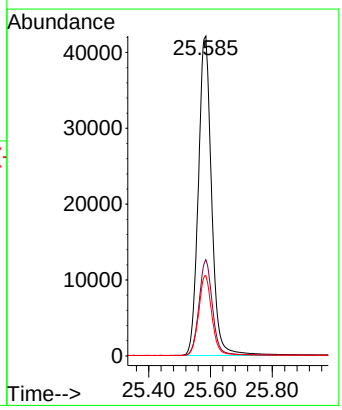


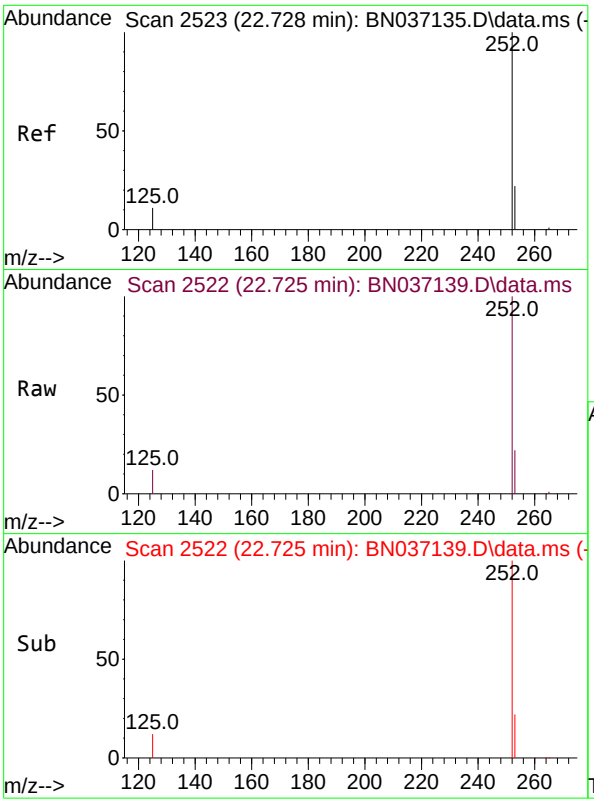


#36
Indeno(1,2,3-cd)pyrene
Concen: 5.452 ng
RT: 25.585 min Scan# 3500
Delta R.T. 0.000 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:276 Resp: 125437

Ion	Ratio	Lower	Upper
276	100		
138	30.4	19.5	29.3#
277	24.8	19.5	29.3



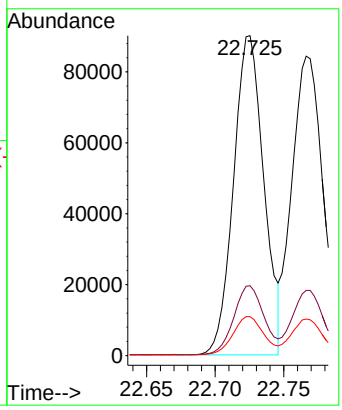


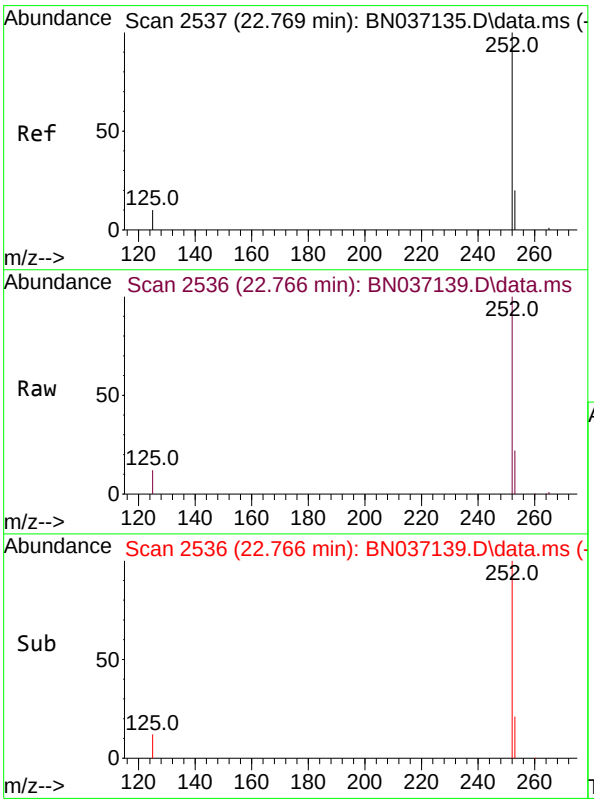
#37
Benzo(b)fluoranthene
Concen: 5.387 ng
RT: 22.725 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 138216

Ion	Ratio	Lower	Upper
252	100		
253	21.8	22.6	34.0#
125	12.2	13.0	19.6#

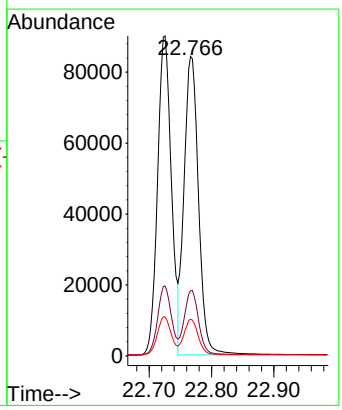


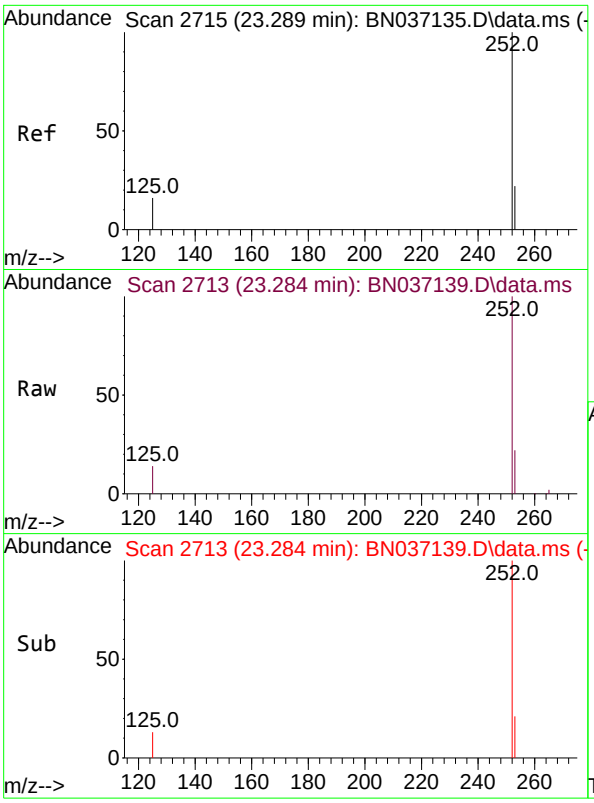


#38
Benzo(k)fluoranthene
Concen: 5.280 ng
RT: 22.766 min Scan# 2536
Delta R.T. -0.003 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:252 Resp: 135921

Ion	Ratio	Lower	Upper
252	100		
253	21.8	21.8	32.8#
125	12.2	13.2	19.8#



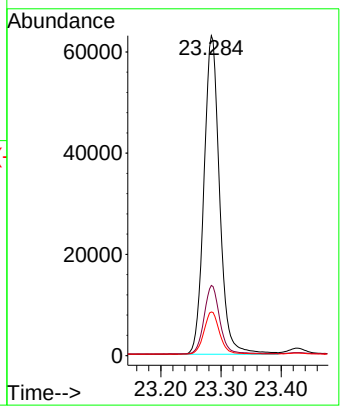


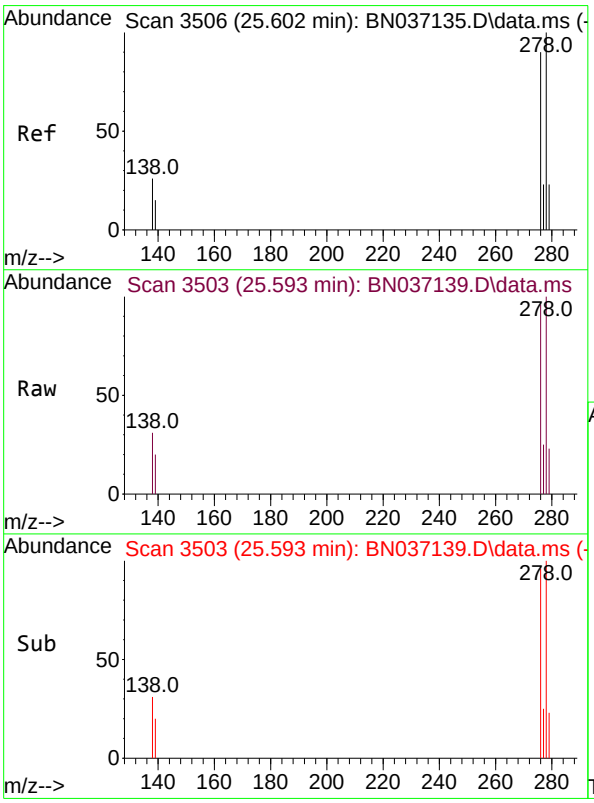
#39
Benzo(a)pyrene
Concen: 5.360 ng
RT: 23.284 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 113697

Ion	Ratio	Lower	Upper
252	100		
253	21.9	24.8	37.2#
125	13.6	18.7	28.1#

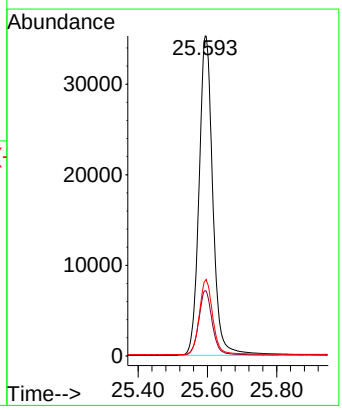


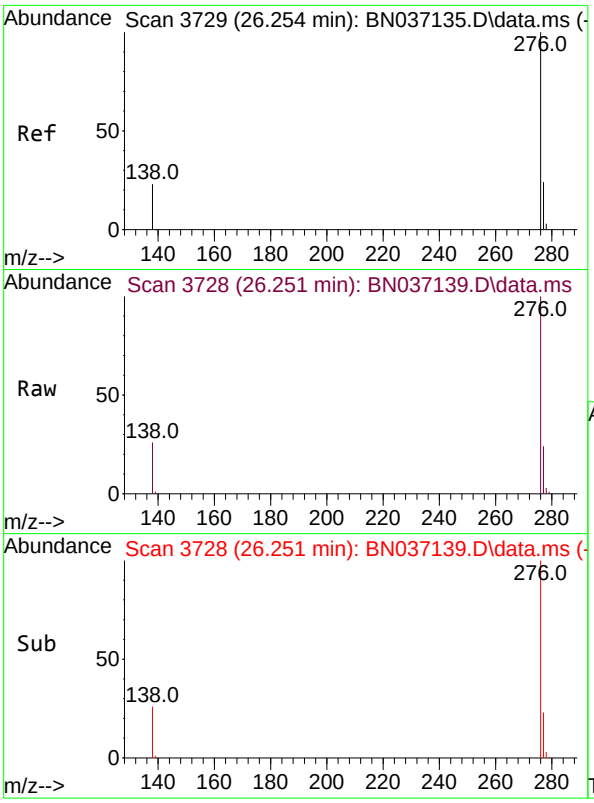


#40
Dibenzo(a,h)anthracene
Concen: 5.662 ng
RT: 25.593 min Scan# 3503
Delta R.T. -0.009 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Tgt Ion:278 Resp: 97503

Ion	Ratio	Lower	Upper
278	100		
139	20.4	17.2	25.8
279	23.5	26.0	39.0#





#41
Benzo(g,h,i)perylene
Concen: 5.112 ng
RT: 26.251 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037139.D
Acq: 02 Jun 2025 19:22

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 104960

Ion	Ratio	Lower	Upper
276	100		
277	23.6	21.9	32.9
138	26.1	20.7	31.1