Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037468.D
Acq On : 11 Jul 2025 11:46
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 11 15:25:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:17:19 2025
Response via : Initial Calibration

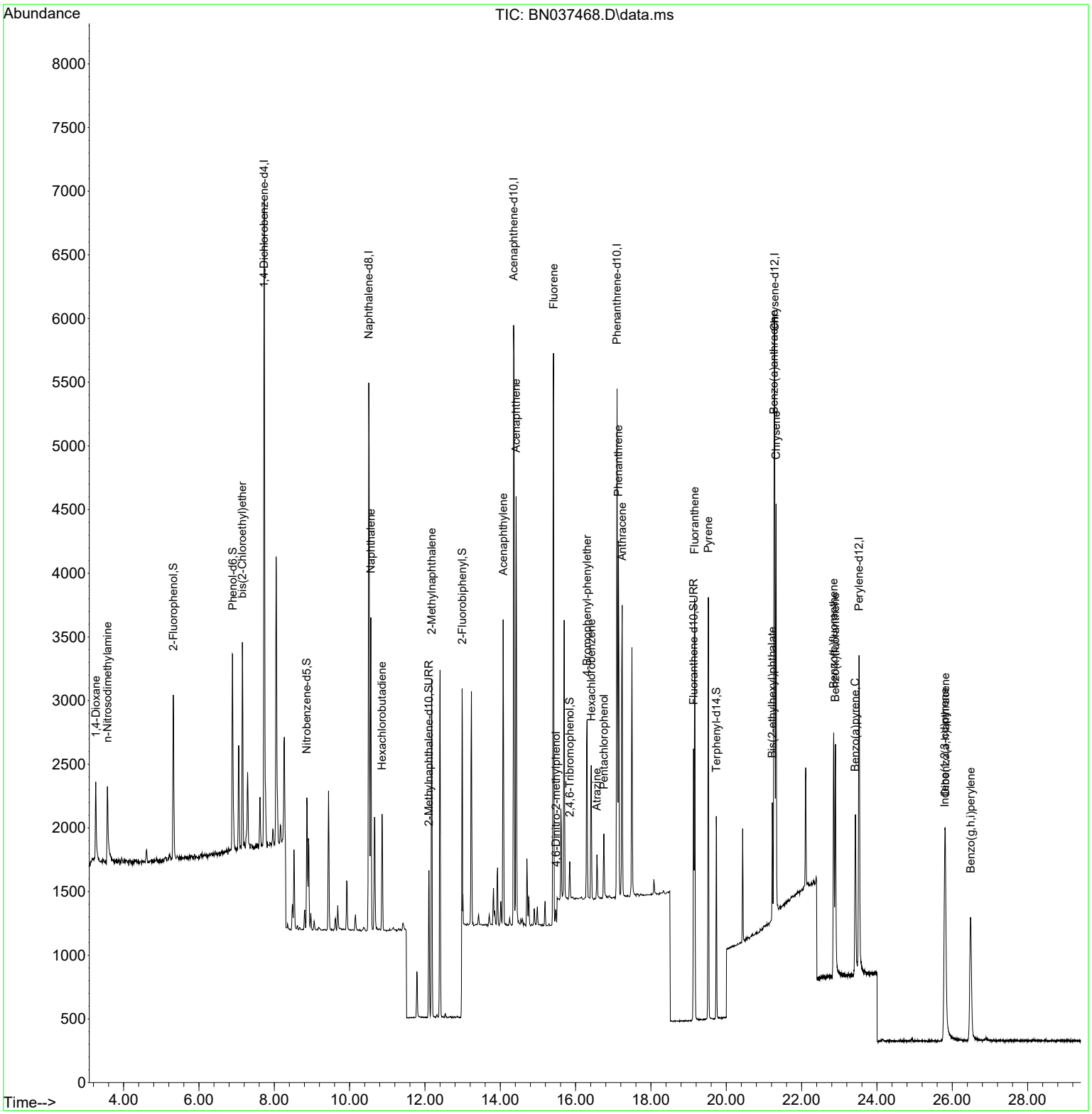
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	2429	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5847	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2772	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	4915	0.400	ng		0.00
29) Chrysene-d12	21.286	240	3653	0.400	ng	#	0.00
35) Perylene-d12	23.525	264	3449	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1135	0.201	ng		0.00
5) Phenol-d6	6.894	99	1452	0.204	ng		0.00
8) Nitrobenzene-d5	8.865	82	810	0.191	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	1487	0.187	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	159	0.169	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	2982	0.188	ng		0.00
27) Fluoranthene-d10	19.132	212	2301	0.186	ng		0.00
31) Terphenyl-d14	19.736	244	1501	0.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	449	0.197	ng		97
3) n-Nitrosodimethylamine	3.572	42	580	0.190	ng	#	98
6) bis(2-Chloroethyl)ether	7.154	93	1192	0.200	ng		99
9) Naphthalene	10.562	128	3069	0.195	ng		99
10) Hexachlorobutadiene	10.861	225	733	0.194	ng	#	100
12) 2-Methylnaphthalene	12.177	142	1870	0.190	ng		97
16) Acenaphthylene	14.078	152	2451	0.194	ng		99
17) Acenaphthene	14.420	154	1617	0.191	ng		99
18) Fluorene	15.414	166	1985	0.186	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	88	0.159	ng	#	71
21) 4-Bromophenyl-phenylether	16.304	248	585	0.191	ng		96
22) Hexachlorobenzene	16.416	284	836	0.198	ng		98
23) Atrazine	16.565	200	273	0.179	ng		92
24) Pentachlorophenol	16.751	266	258	0.177	ng		98
25) Phenanthrene	17.136	178	2862	0.191	ng		99
26) Anthracene	17.235	178	2543	0.188	ng		100
28) Fluoranthene	19.160	202	3035	0.185	ng		100
30) Pyrene	19.522	202	2977	0.203	ng		100
32) Benzo(a)anthracene	21.268	228	2392	0.193	ng		98
33) Chrysene	21.322	228	2716	0.201	ng		99
34) Bis(2-ethylhexyl)phtha...	21.223	149	823	0.196	ng		98
36) Indeno(1,2,3-cd)pyrene	25.797	276	2270	0.170	ng		99
37) Benzo(b)fluoranthene	22.853	252	2454	0.183	ng		96
38) Benzo(k)fluoranthene	22.897	252	2369	0.174	ng		95
39) Benzo(a)pyrene	23.426	252	1913	0.177	ng		94
40) Dibenzo(a,h)anthracene	25.817	278	1791	0.166	ng		95
41) Benzo(g,h,i)perylene	26.487	276	2131	0.180	ng		95

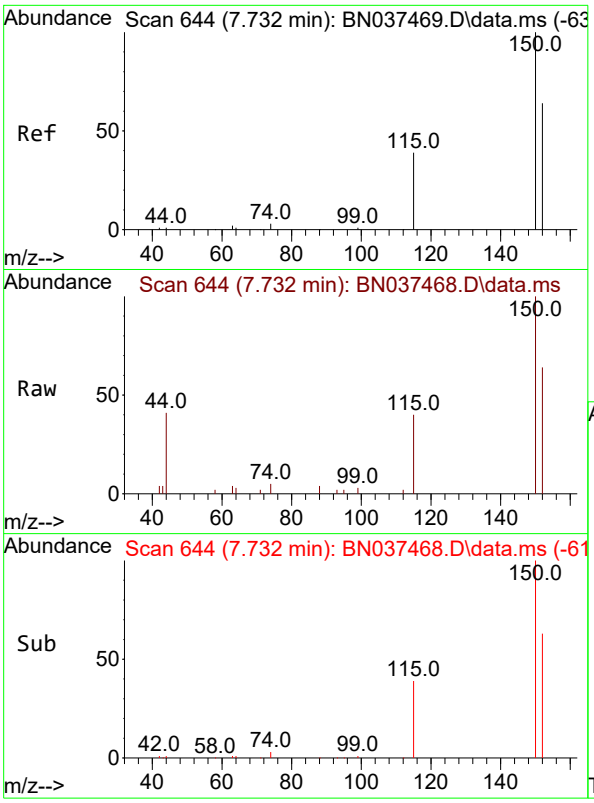
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037468.D
Acq On : 11 Jul 2025 11:46
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 11 15:25:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:17:19 2025
Response via : Initial Calibration



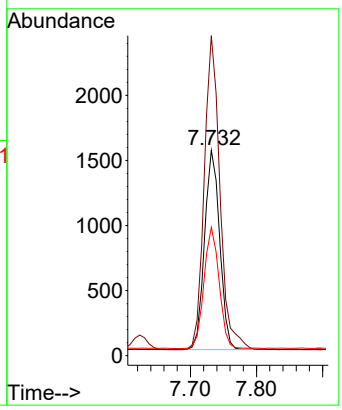


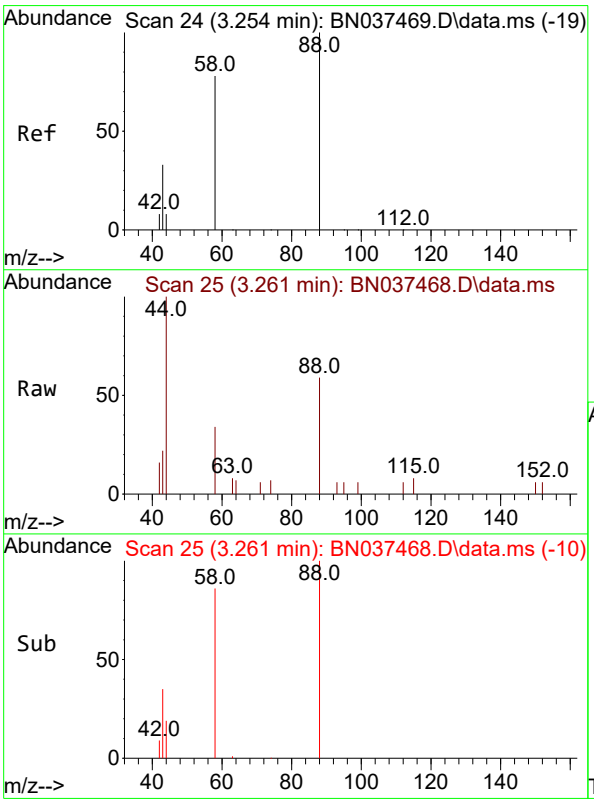
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2429

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.5	183.7
115	62.4	49.9	74.9

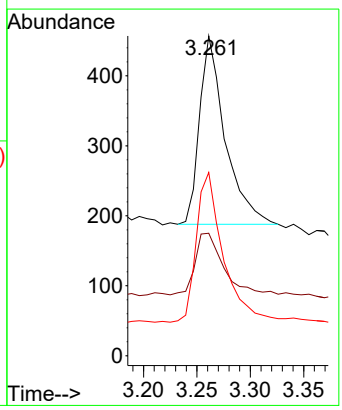


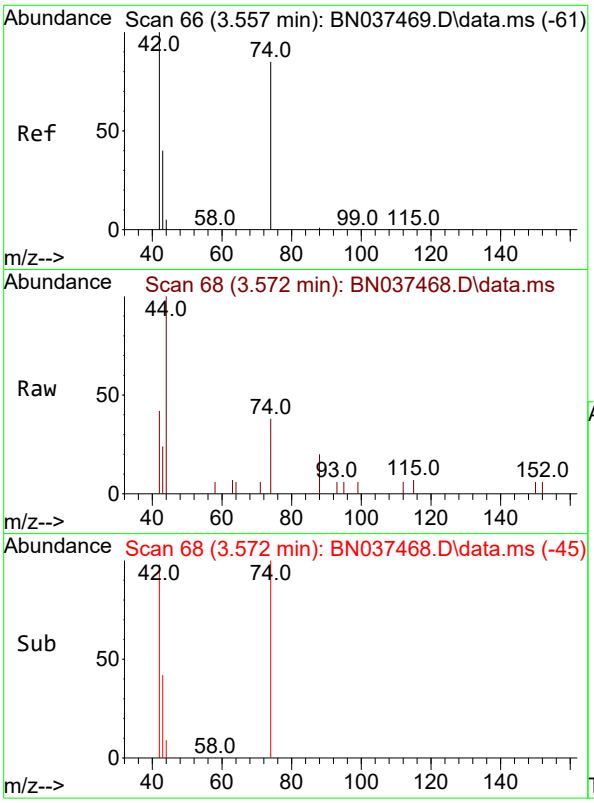


#2
1,4-Dioxane
Concen: 0.197 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.007 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion: 88 Resp: 449

Ion	Ratio	Lower	Upper
88	100		
43	37.0	30.7	46.1
58	83.5	65.0	97.4



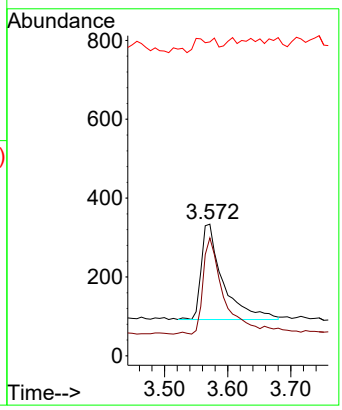


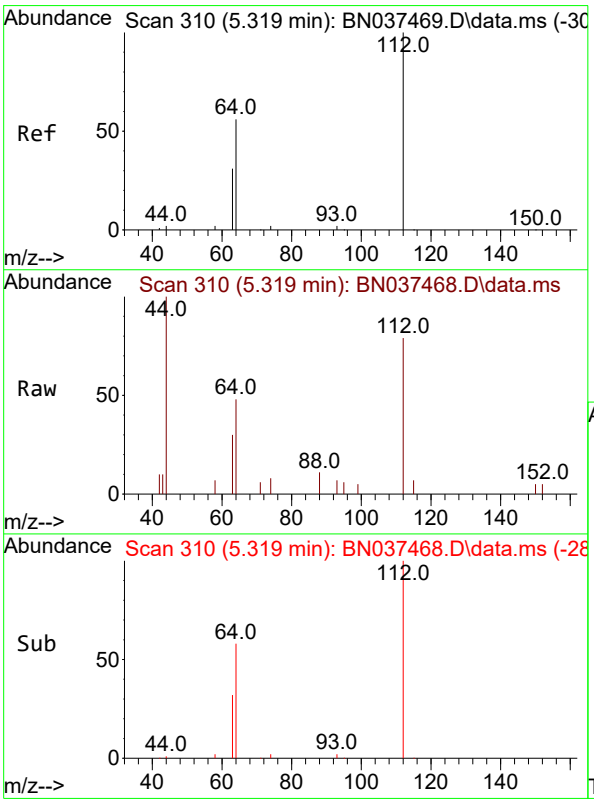
#3
n-Nitrosodimethylamine
Concen: 0.190 ng
RT: 3.572 min Scan# 6
Delta R.T. 0.014 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 580

Ion	Ratio	Lower	Upper
42	100		
74	93.1	74.9	112.3
44	13.6	7.2	10.8#

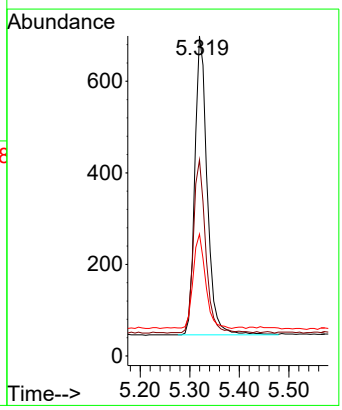


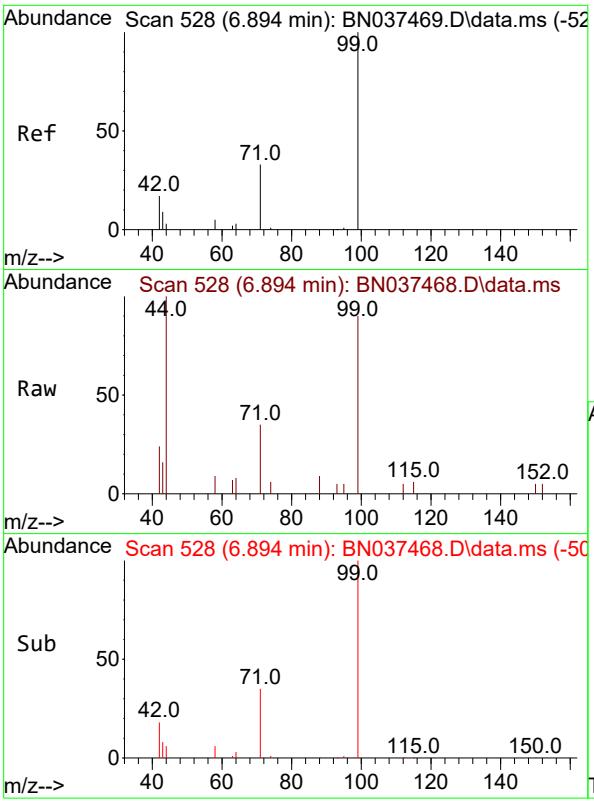


#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:112 Resp: 1135

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.0
63	31.4	24.7	37.1



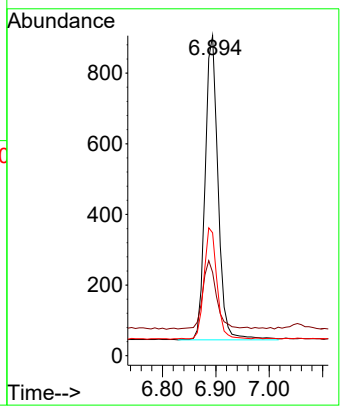


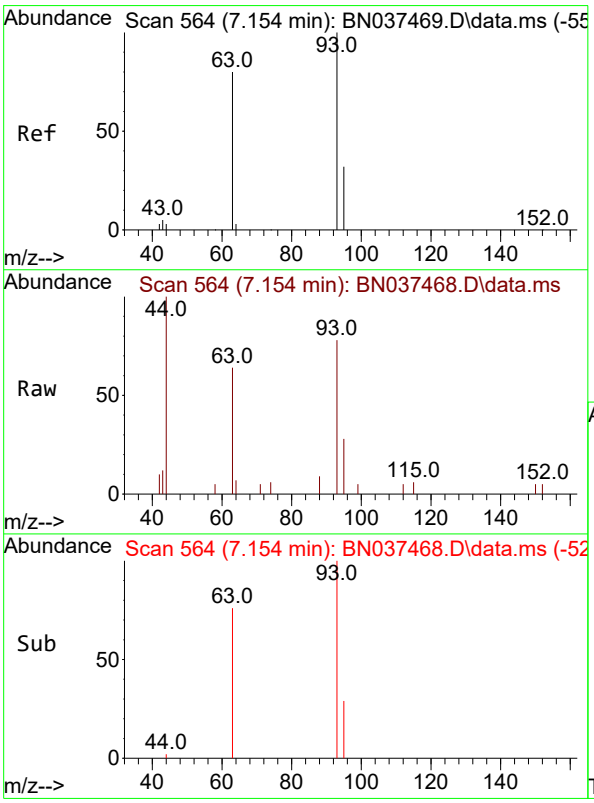
#5
Phenol-d6
Concen: 0.204 ng
RT: 6.894 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1452

Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.5	29.3
71	36.2	29.4	44.2

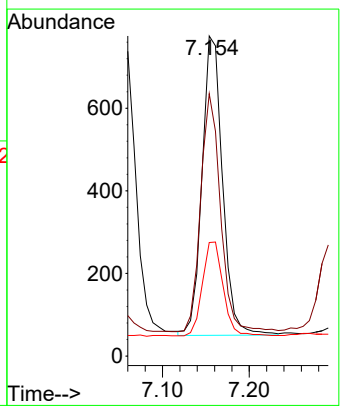


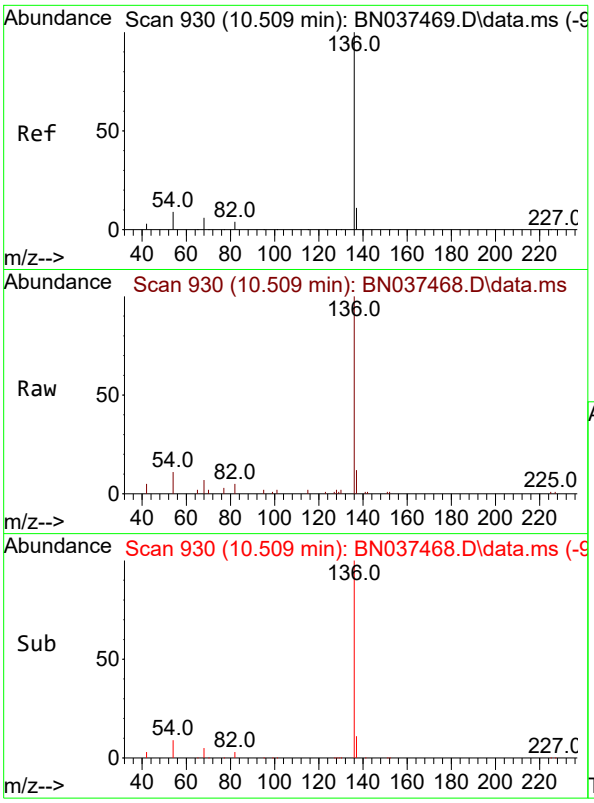


#6
bis(2-Chloroethyl)ether
Concen: 0.200 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion: 93 Resp: 1192

Ion	Ratio	Lower	Upper
93	100		
63	76.8	60.8	91.2
95	31.9	25.6	38.4



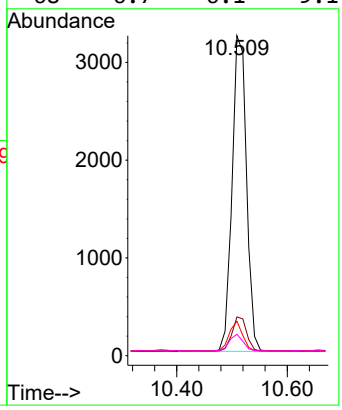


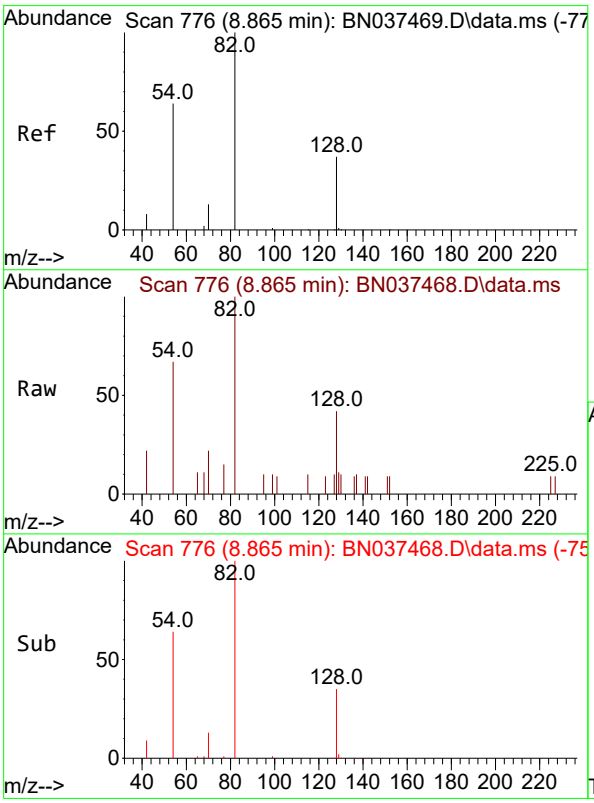
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 5847

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.0	15.0
54	10.8	9.0	13.6
68	6.7	6.1	9.1

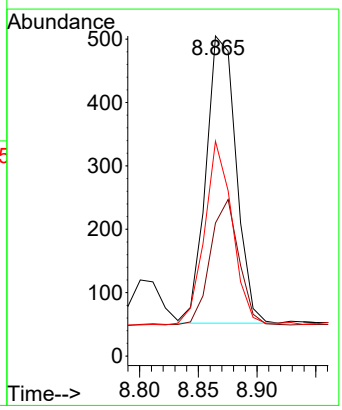


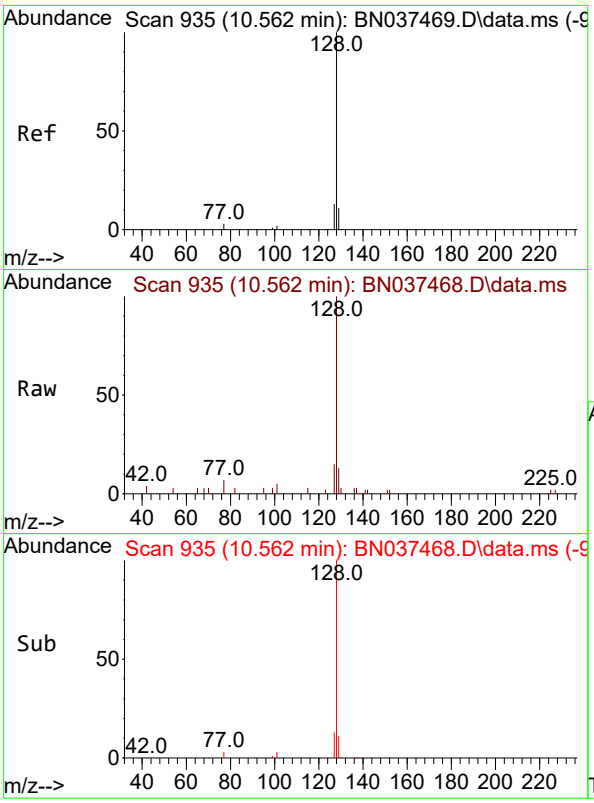


#8
Nitrobenzene-d5
Concen: 0.191 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion: 82 Resp: 810

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.1	49.7
54	67.1	53.0	79.4



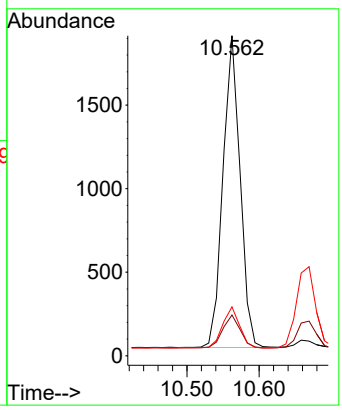


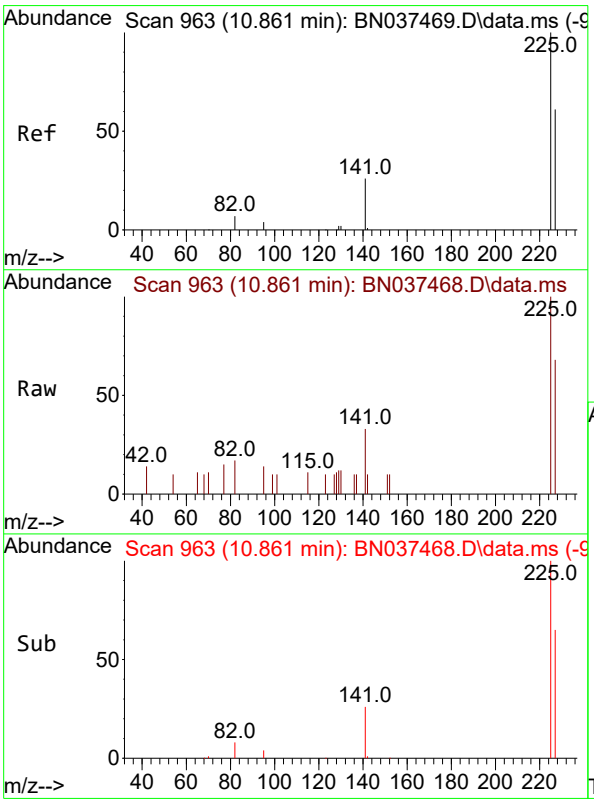
#9
Naphthalene
Concen: 0.195 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 3069

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.2	15.2
127	15.3	11.8	17.6

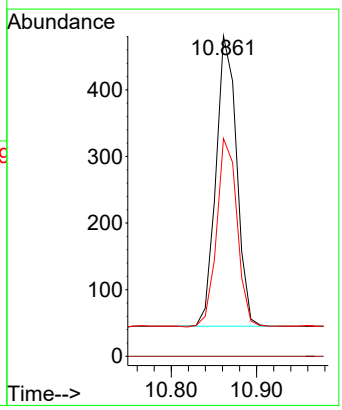


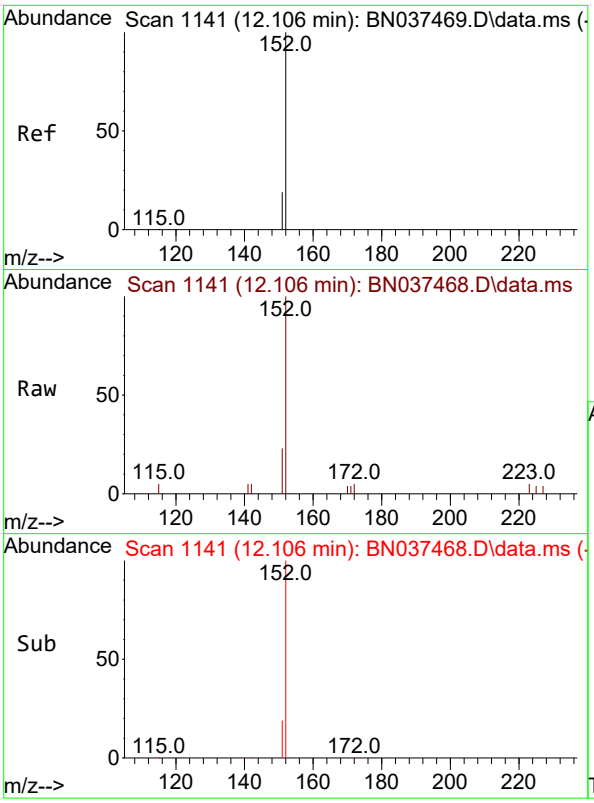


#10
Hexachlorobutadiene
Concen: 0.194 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:225 Resp: 733

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.4	77.2



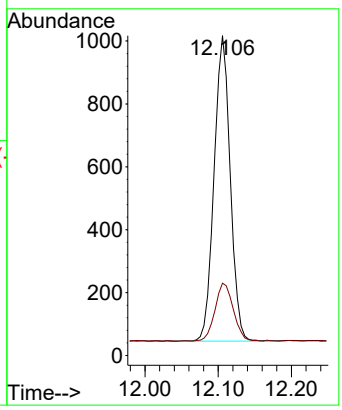


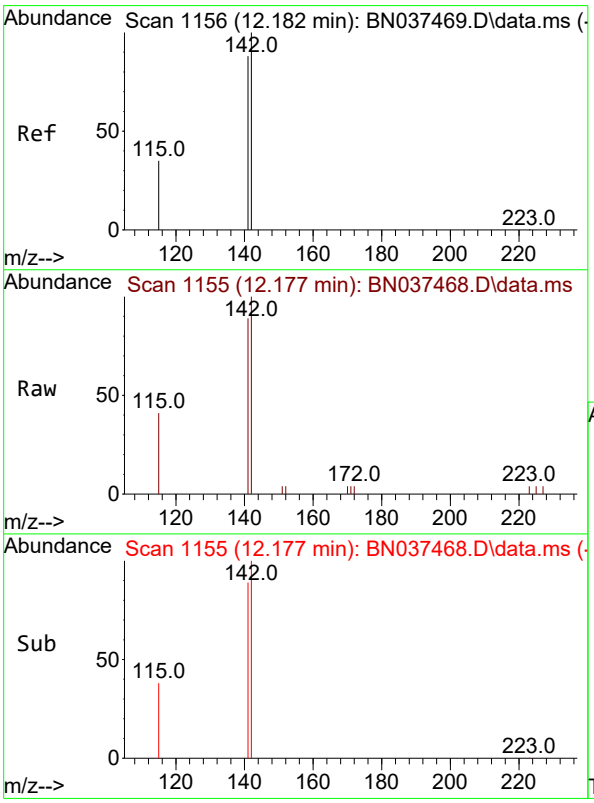
#11
2-Methylnaphthalene-d10
Concen: 0.187 ng
RT: 12.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1487

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6

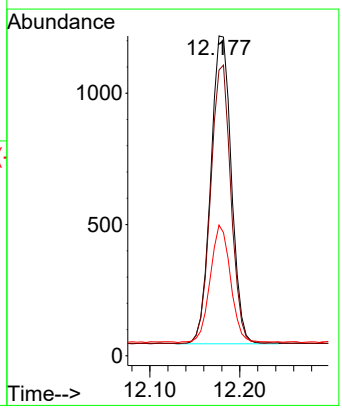


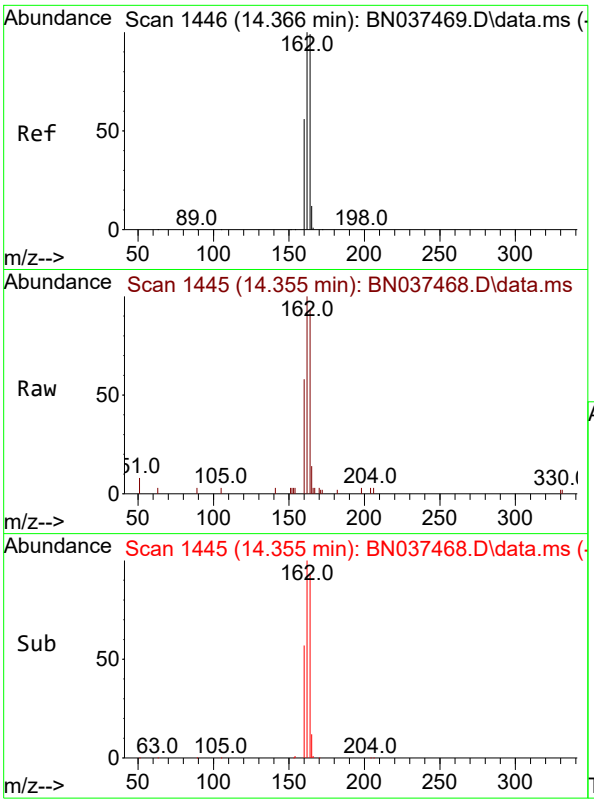


#12
2-Methylnaphthalene
Concen: 0.190 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:142 Resp: 1870

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	105.8
115	40.9	30.0	45.0



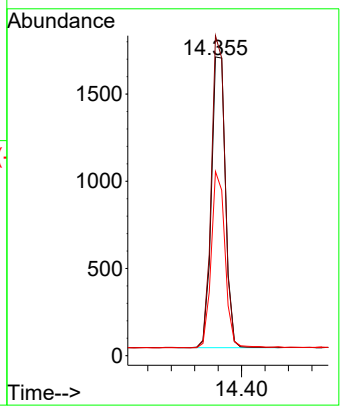


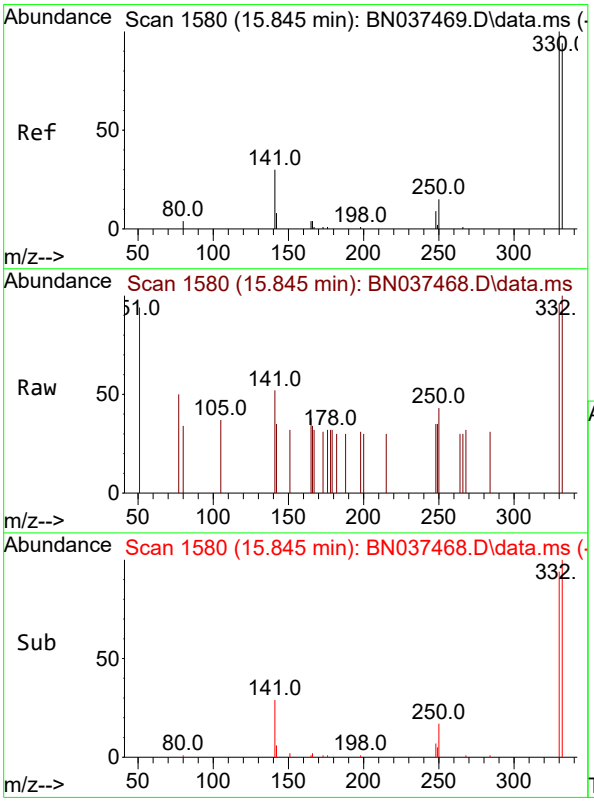
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2772

Ion	Ratio	Lower	Upper
164	100		
162	107.1	81.1	121.7
160	61.6	46.5	69.7

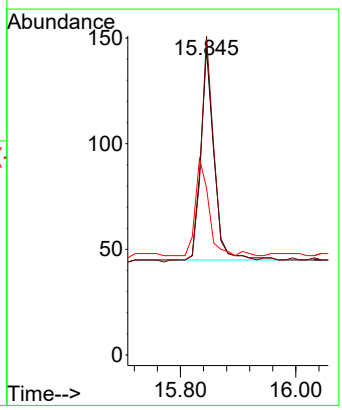


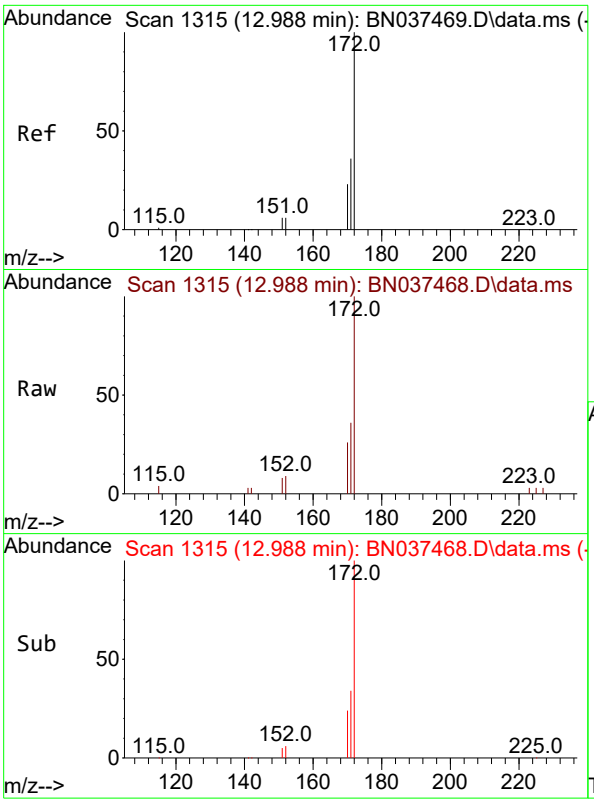


#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:330 Resp: 159

Ion	Ratio	Lower	Upper
330	100		
332	106.9	82.0	123.0
141	45.9	36.2	54.2



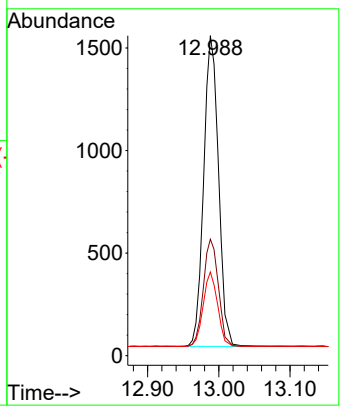


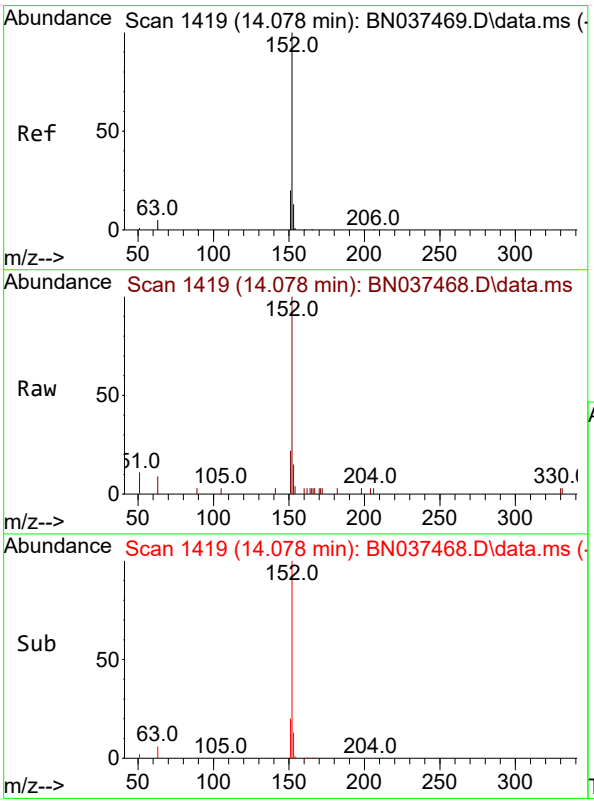
#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 12.988 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 2982

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.8
170	26.2	20.0	30.0

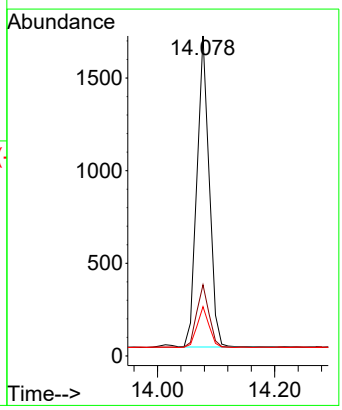


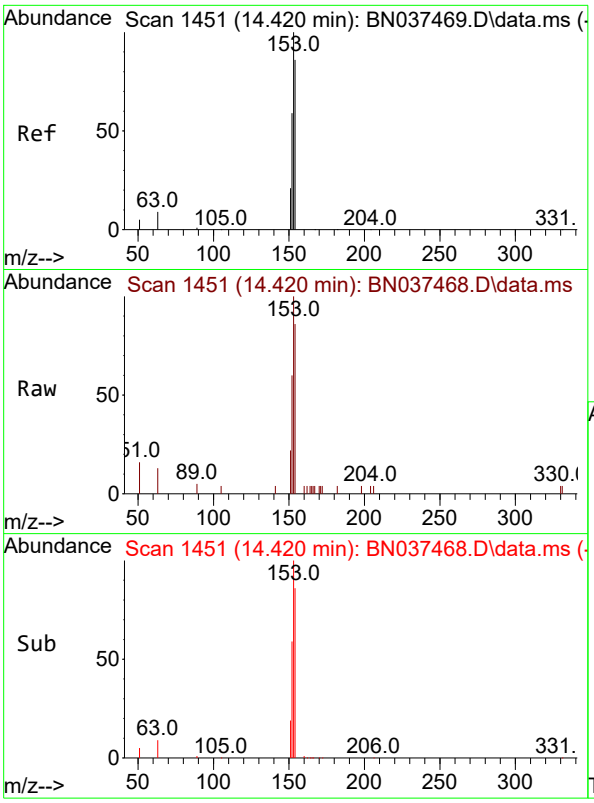


#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.078 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:152 Resp: 2451

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	12.8	10.6	15.8



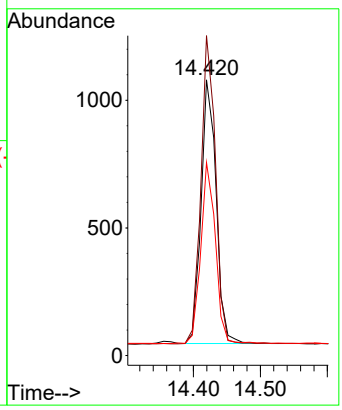


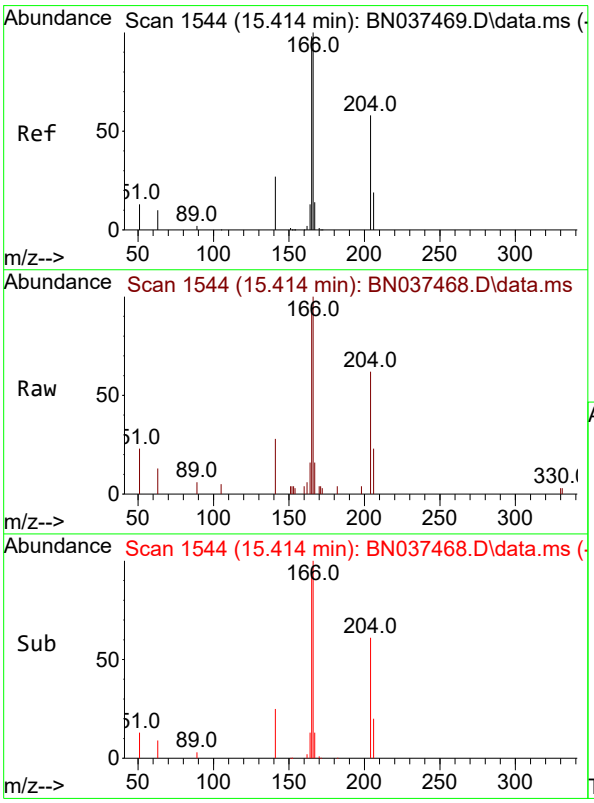
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.420 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1617

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.0
152	67.0	53.2	79.8

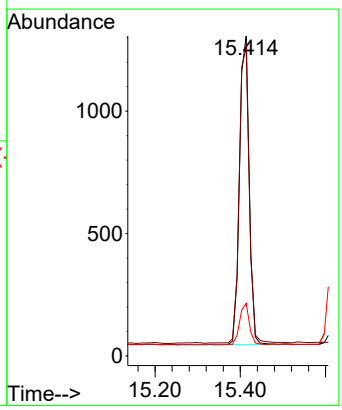


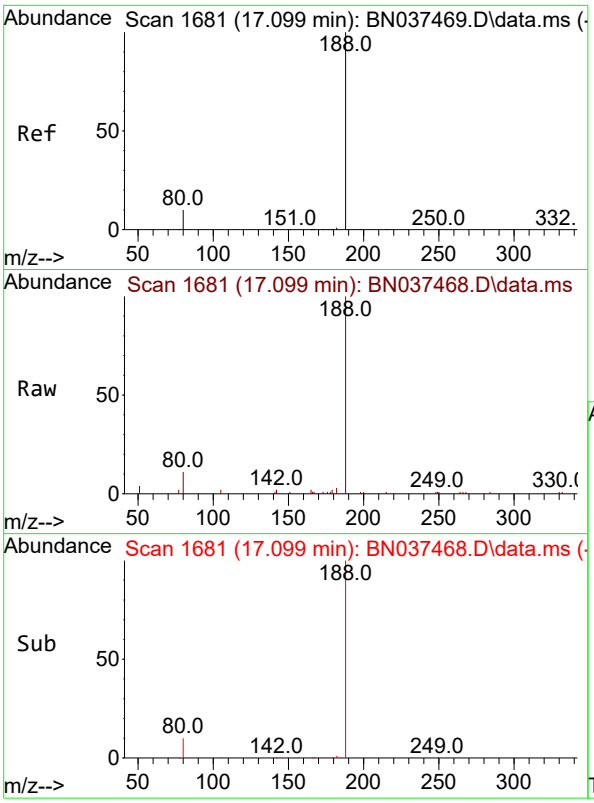


#18
Fluorene
Concen: 0.186 ng
RT: 15.414 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:166 Resp: 1985

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.4	119.2
167	13.4	10.6	15.8



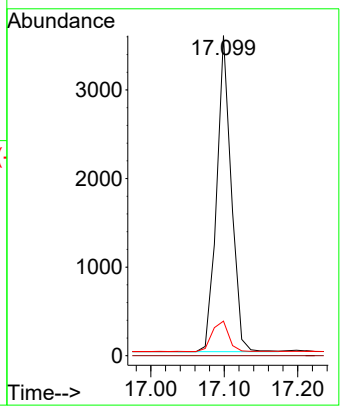


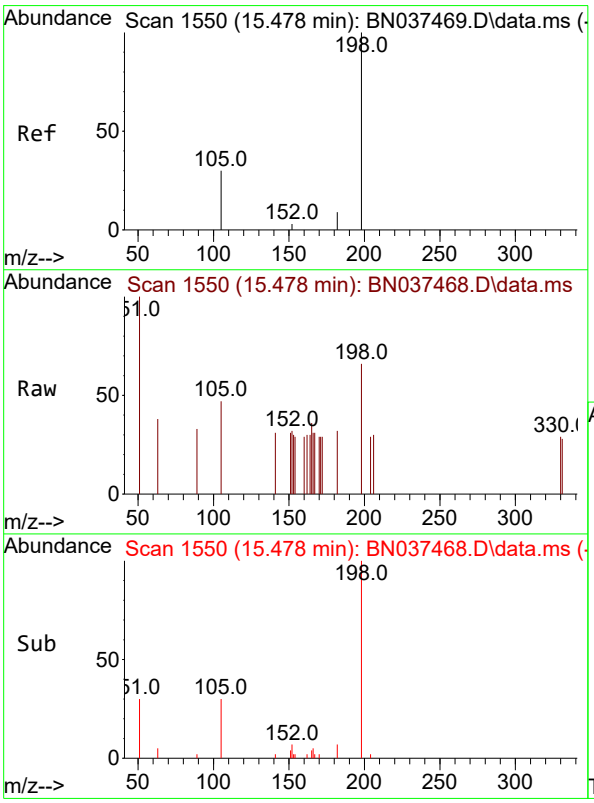
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 4915

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	9.3	13.9

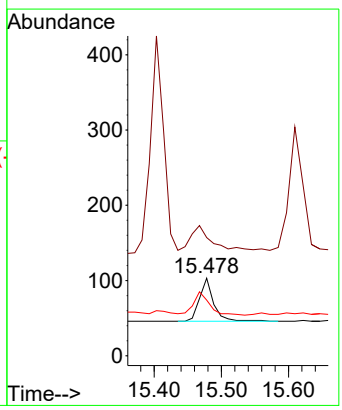


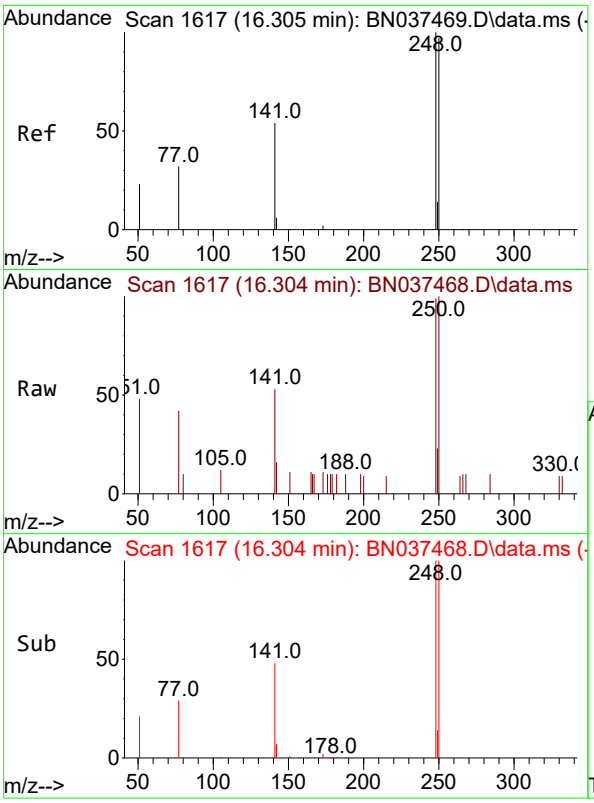


#20
4,6-Dinitro-2-methylphenol
Concen: 0.159 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:198 Resp: 88

Ion	Ratio	Lower	Upper
198	100		
51	152.4	86.0	129.0#
105	71.8	53.0	79.4



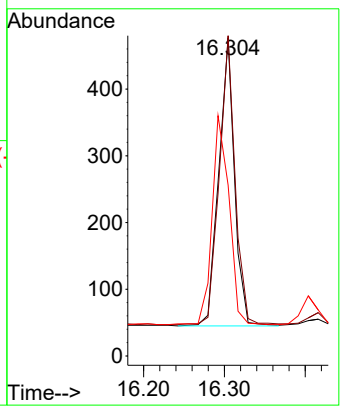


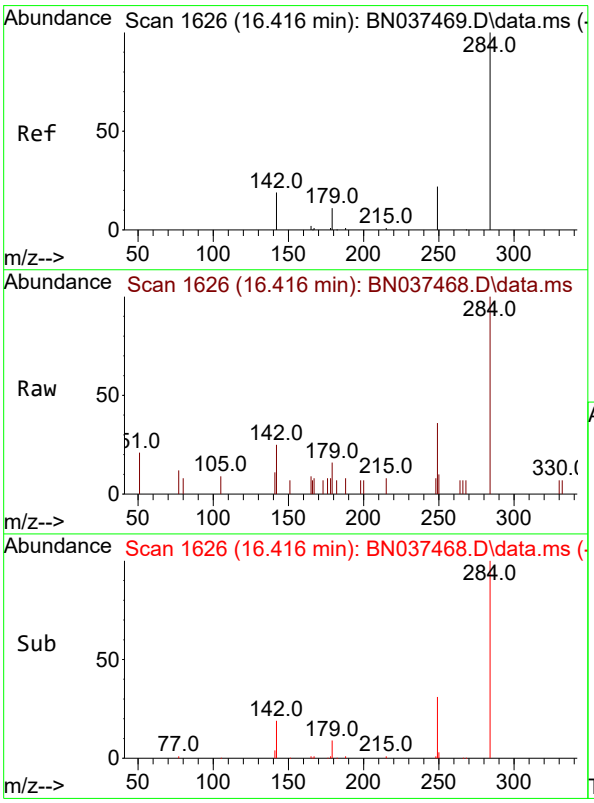
#21
4-Bromophenyl-phenylether
Concen: 0.191 ng
RT: 16.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 585

Ion	Ratio	Lower	Upper
248	100		
250	100.6	77.8	116.6
141	53.7	45.9	68.9

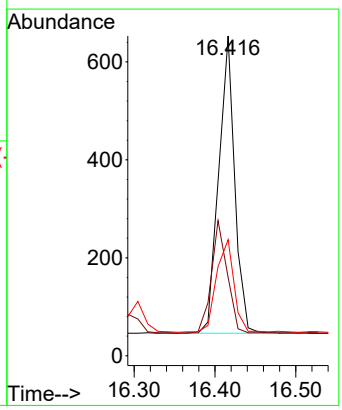


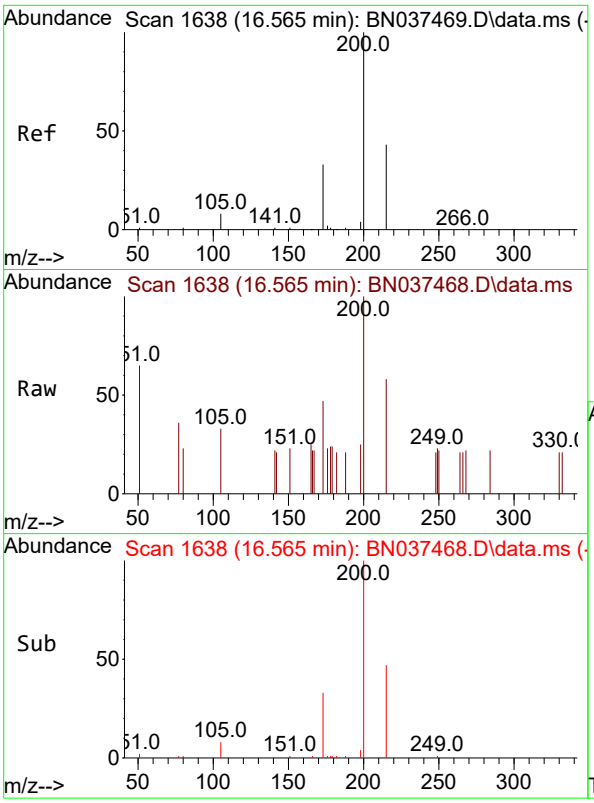


#22
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.416 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:284 Resp: 836

Ion	Ratio	Lower	Upper
284	100		
142	37.7	31.3	46.9
249	34.4	26.6	40.0



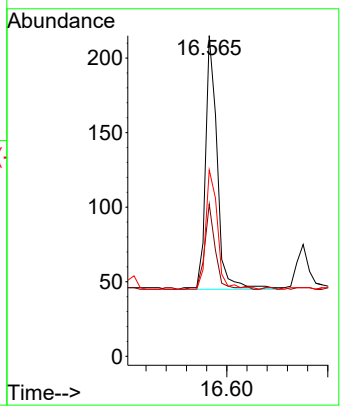


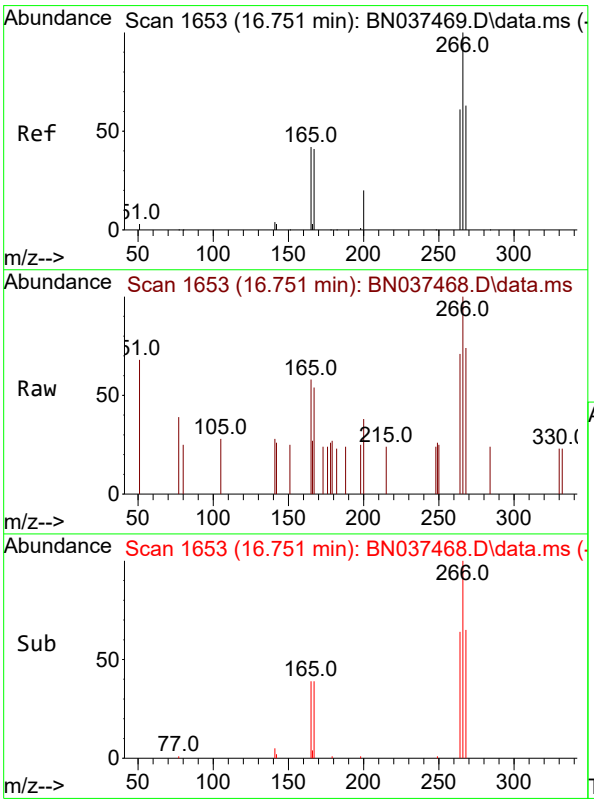
#23
Atrazine
Concen: 0.179 ng
RT: 16.565 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 273

Ion	Ratio	Lower	Upper
200	100		
173	47.4	34.3	51.5
215	58.1	41.6	62.4

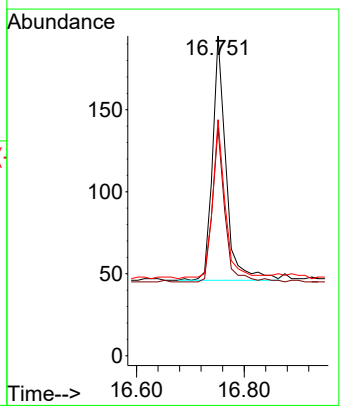


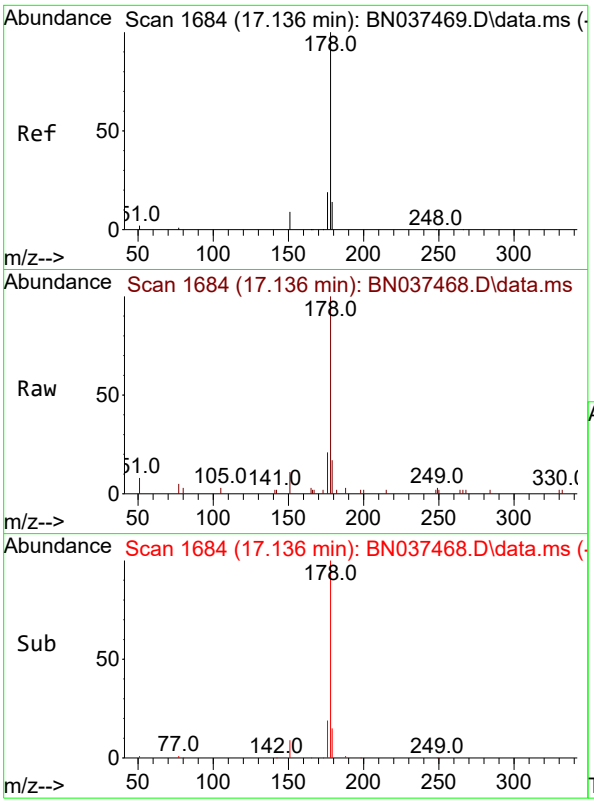


#24
Pentachlorophenol
Concen: 0.177 ng
RT: 16.751 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:266 Resp: 258

Ion	Ratio	Lower	Upper
266	100		
264	58.1	47.5	71.3
268	61.2	50.6	76.0



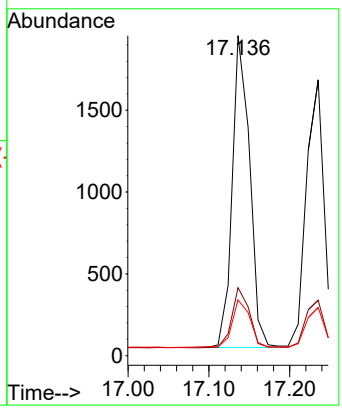


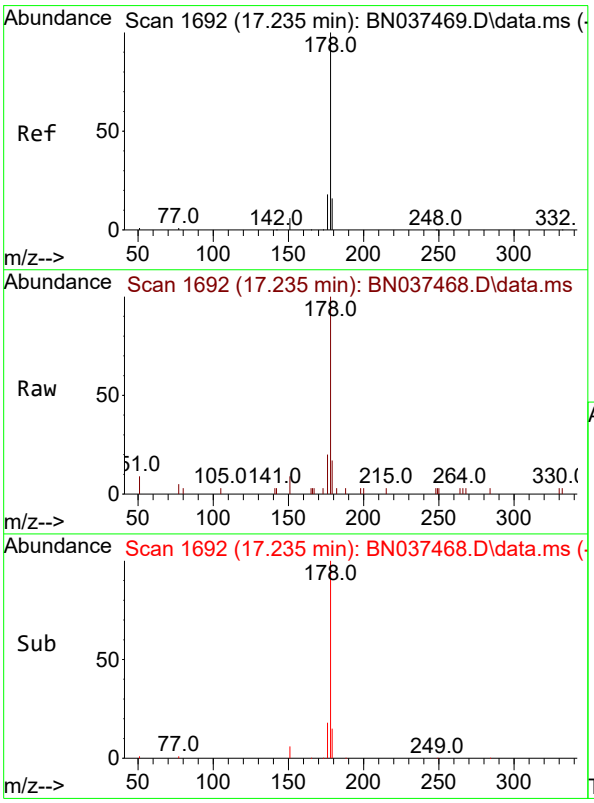
#25
Phenanthrene
Concen: 0.191 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2862

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.7	12.2	18.2

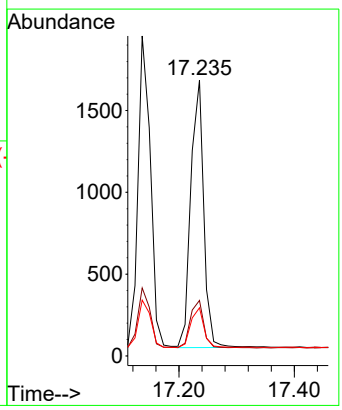


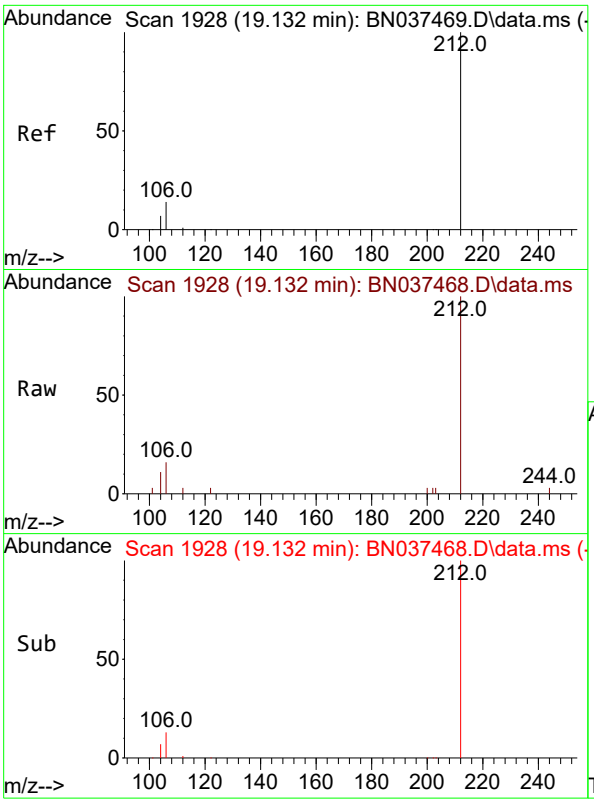


#26
Anthracene
Concen: 0.188 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:178 Resp: 2543

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.1	12.3	18.5



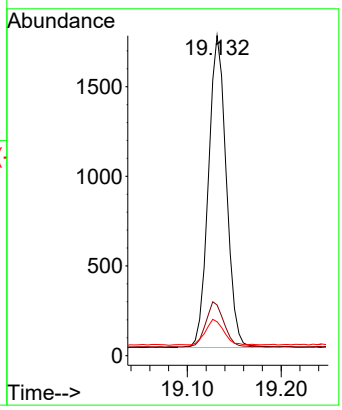


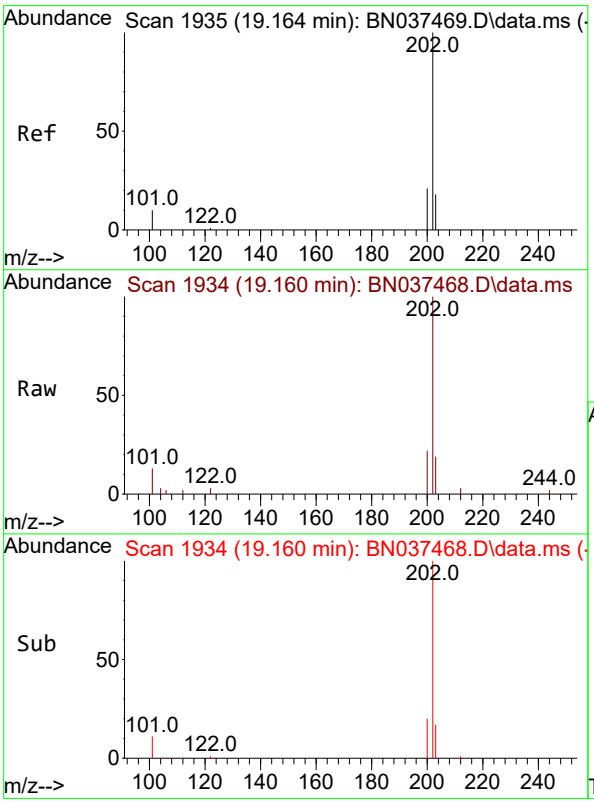
#27
Fluoranthene-d10
Concen: 0.186 ng
RT: 19.132 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 2301

Ion	Ratio	Lower	Upper
212	100		
106	14.5	11.7	17.5
104	8.2	6.6	10.0

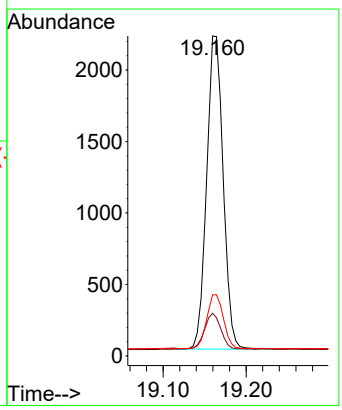


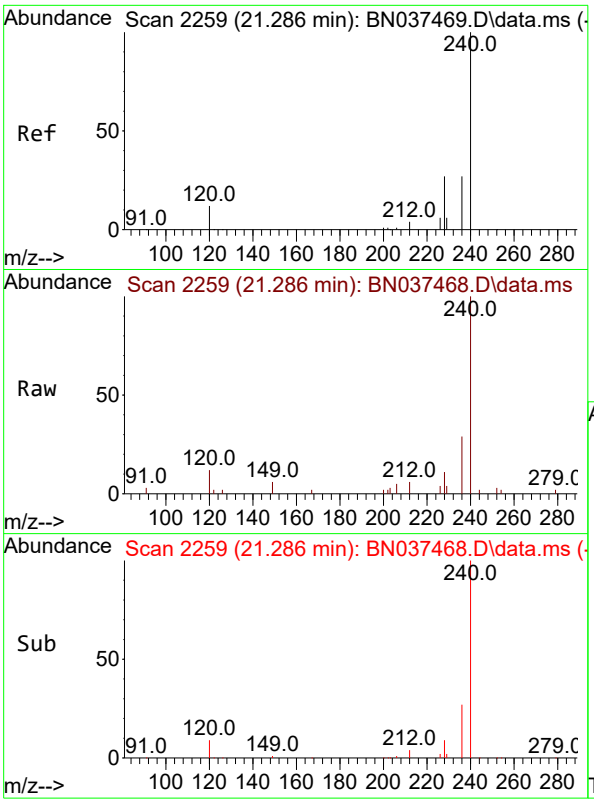


#28
Fluoranthene
Concen: 0.185 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:202 Resp: 3035

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
203	17.5	14.0	21.0



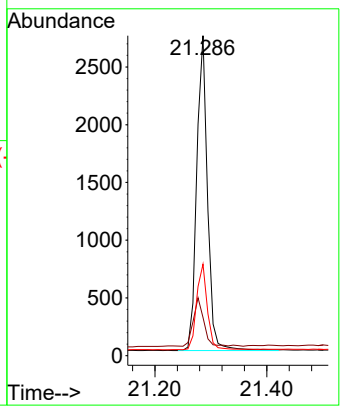


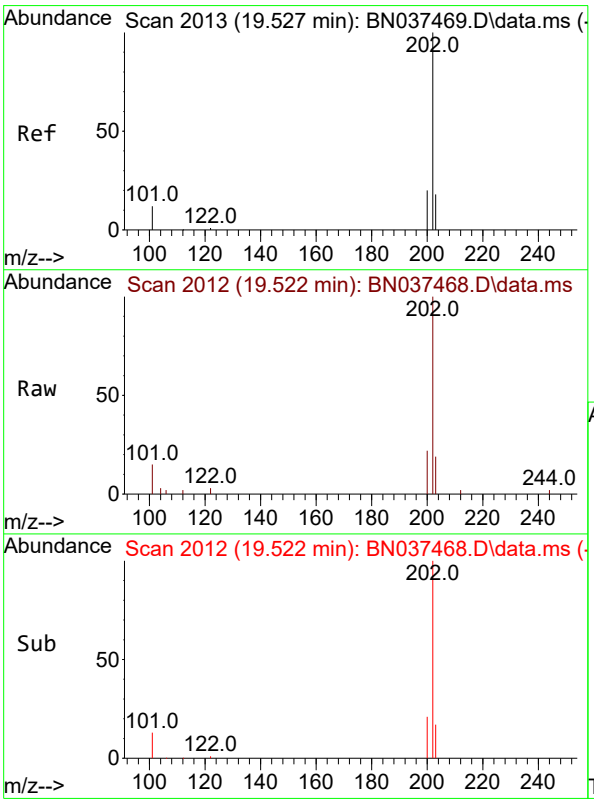
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 3653

Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.4	18.6#
236	28.6	22.9	34.3

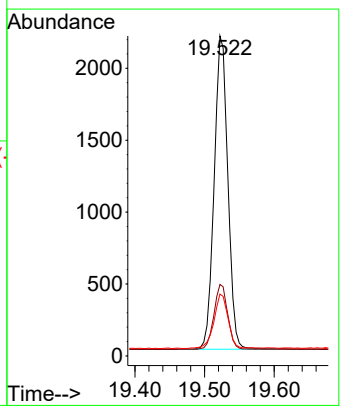


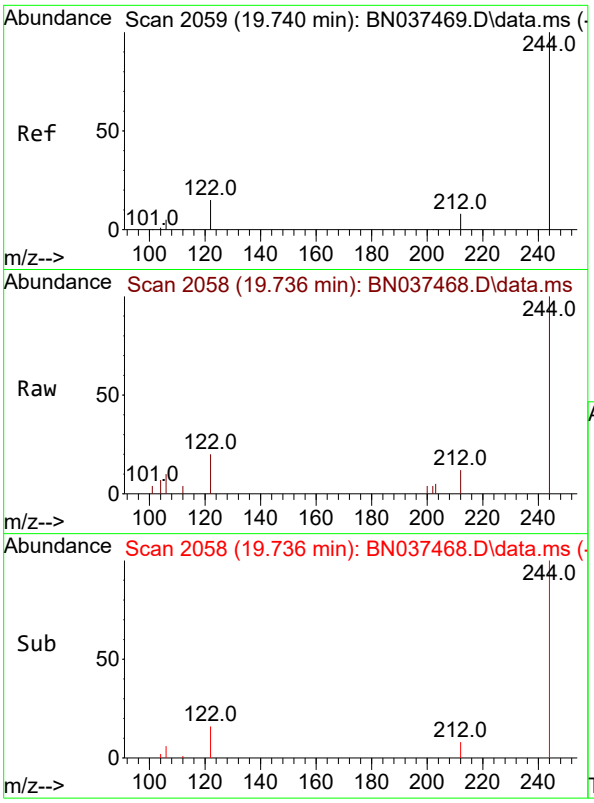


#30
Pyrene
Concen: 0.203 ng
RT: 19.522 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:202 Resp: 2977

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	18.0	14.3	21.5



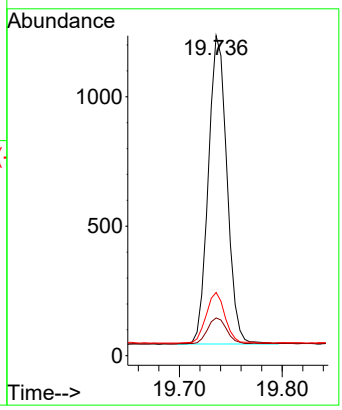


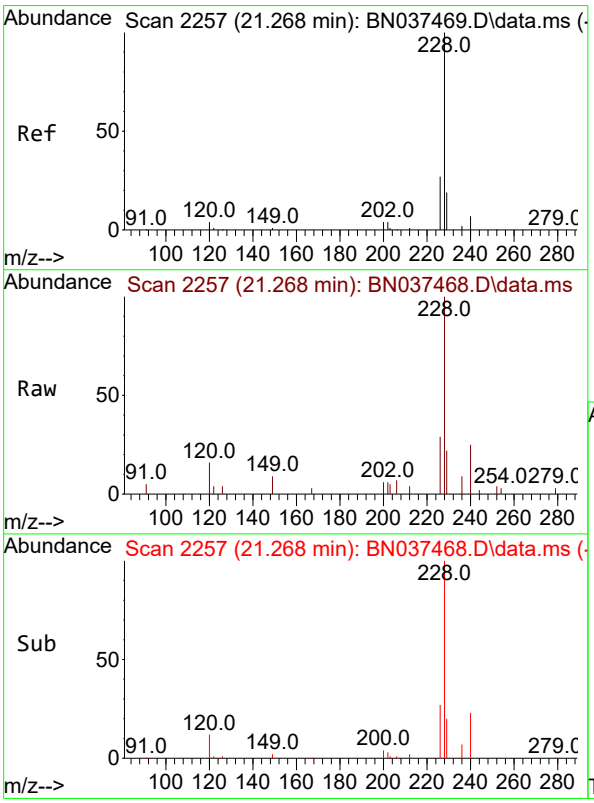
#31
Terphenyl-d14
Concen: 0.197 ng
RT: 19.736 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 1501

Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.7	13.1
122	19.7	14.1	21.1

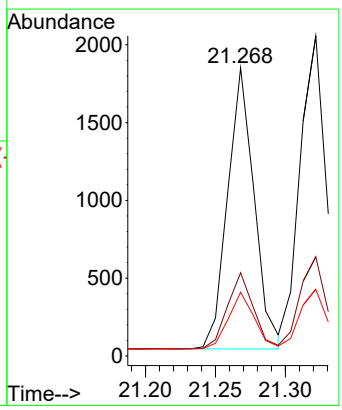


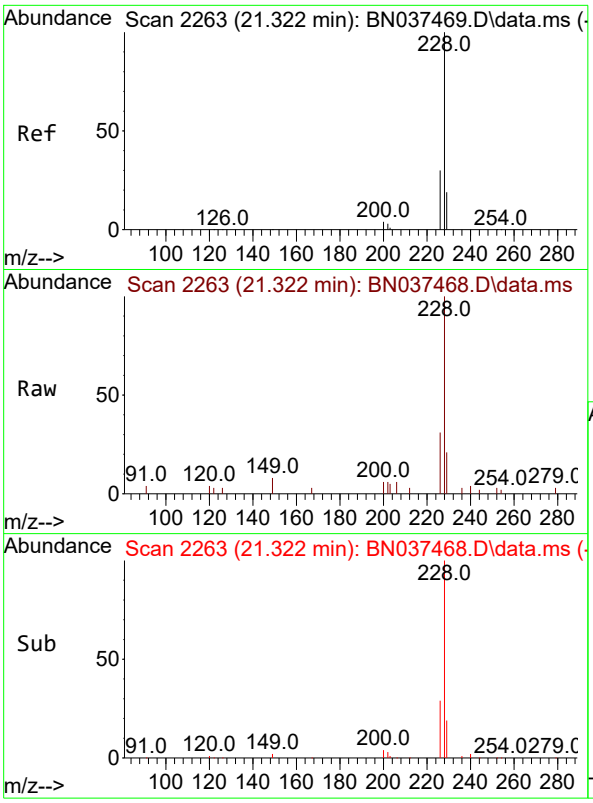


#32
Benzo(a)anthracene
Concen: 0.193 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:228 Resp: 2392

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	22.1	16.6	24.8



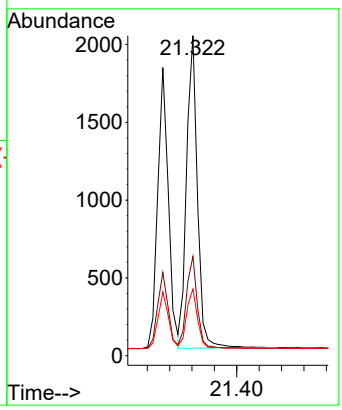


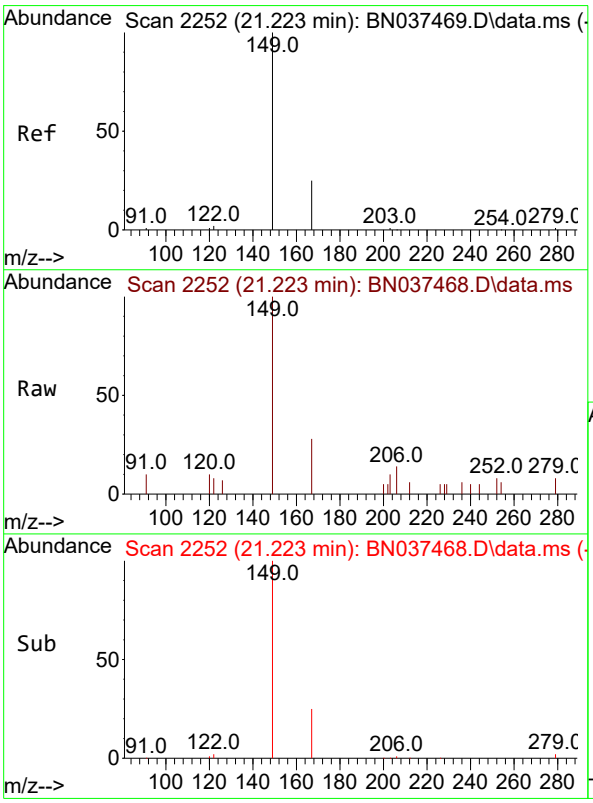
#33
Chrysene
Concen: 0.201 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 2716

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	20.9	16.4	24.6

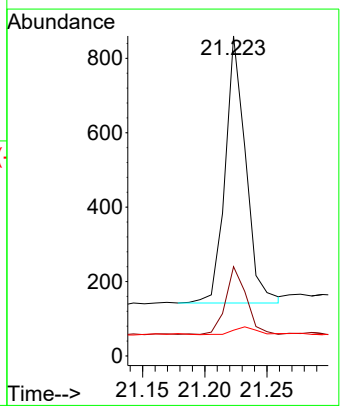


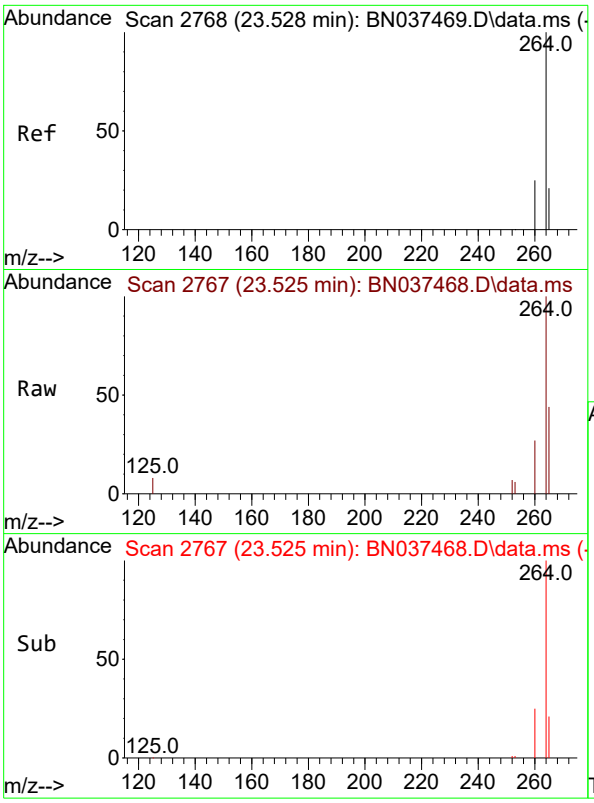


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.196 ng
RT: 21.223 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:149 Resp: 823

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.4	29.2
279	3.4	2.5	3.7



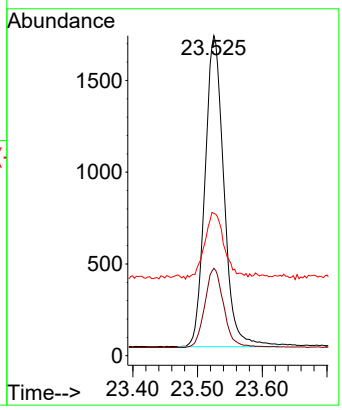


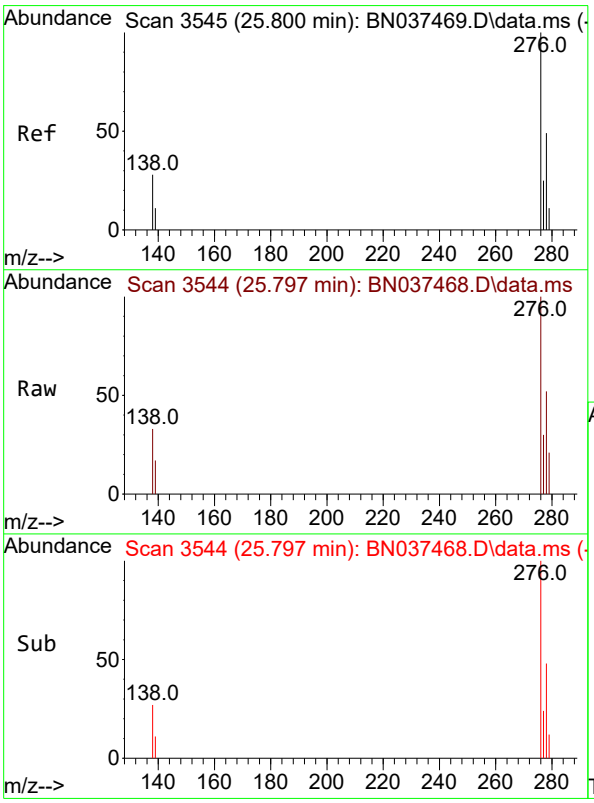
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 3449

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.7	32.5
265	44.4	41.6	62.4

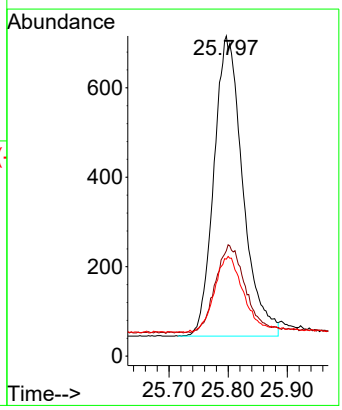


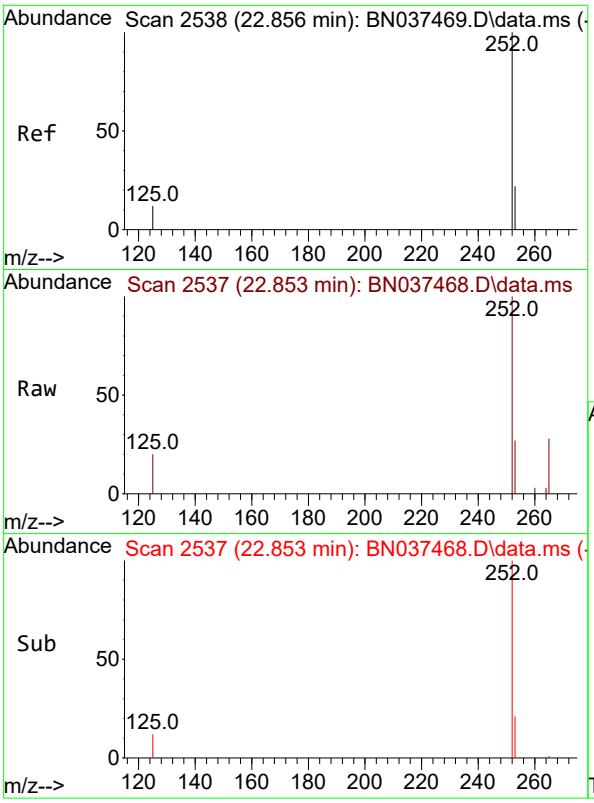


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng
RT: 25.797 min Scan# 3544
Delta R.T. -0.003 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:276 Resp: 2270

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.4	35.2
277	25.5	19.8	29.8



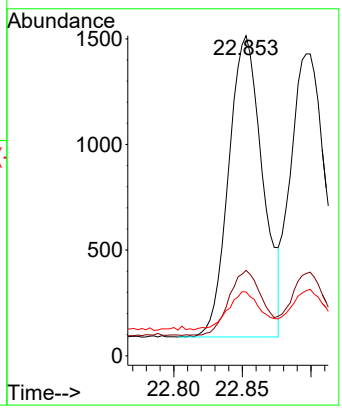


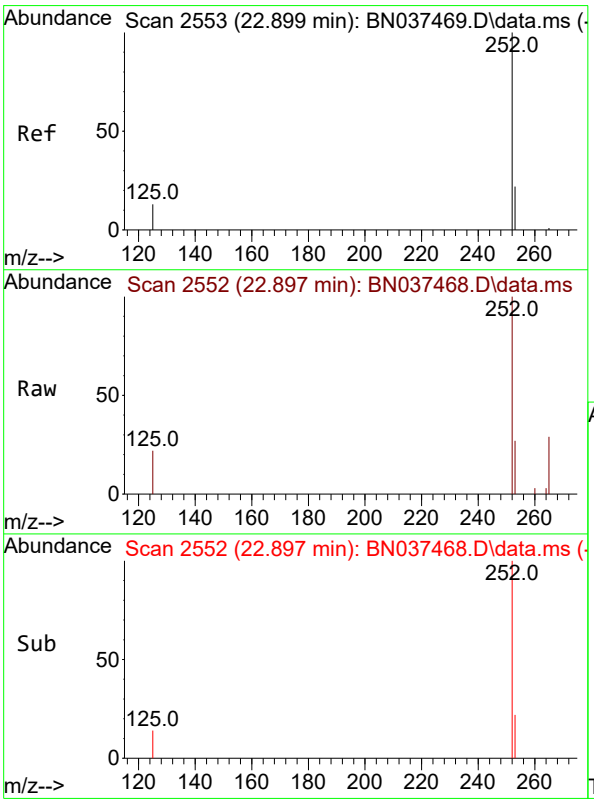
#37
Benzo(b)fluoranthene
Concen: 0.183 ng
RT: 22.853 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2454

Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.1	30.1
125	19.9	13.7	20.5

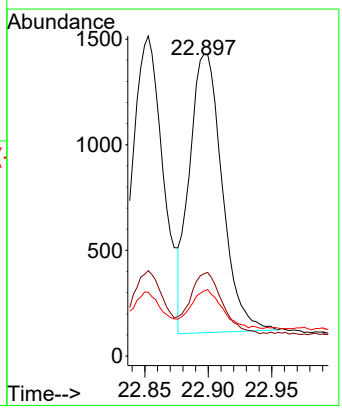


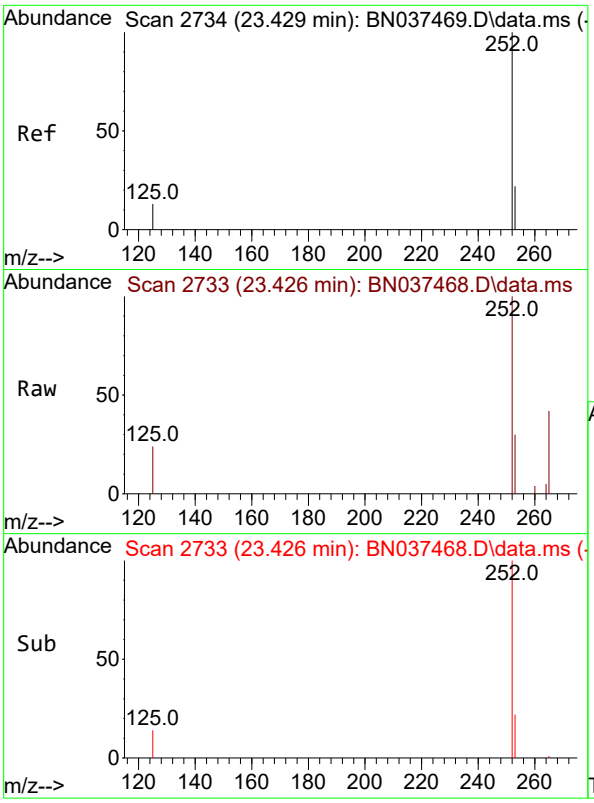


#38
Benzo(k)fluoranthene
Concen: 0.174 ng
RT: 22.897 min Scan# 2552
Delta R.T. -0.003 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:252 Resp: 2369

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.4	30.6
125	21.6	14.6	21.8



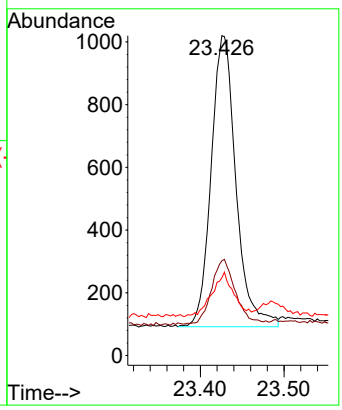


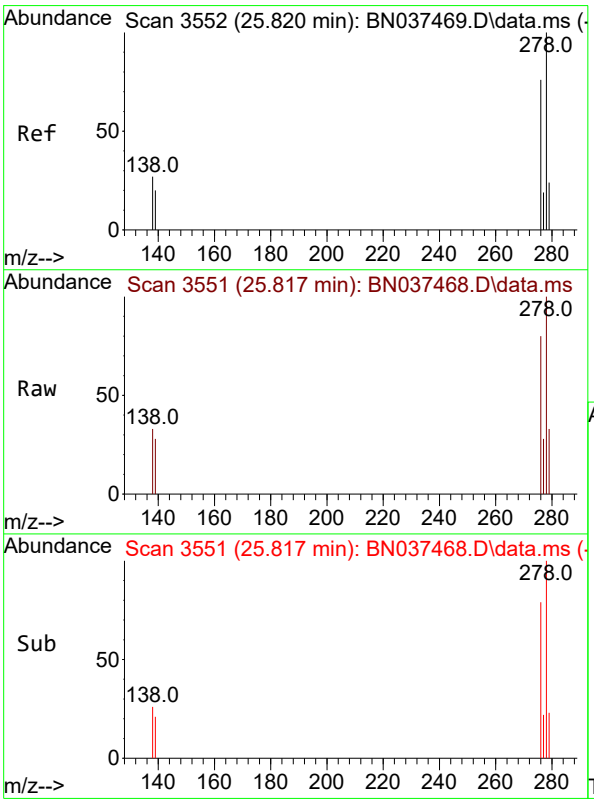
#39
Benzo(a)pyrene
Concen: 0.177 ng
RT: 23.426 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 1913

Ion	Ratio	Lower	Upper
252	100		
253	29.6	21.8	32.6
125	24.3	16.7	25.1

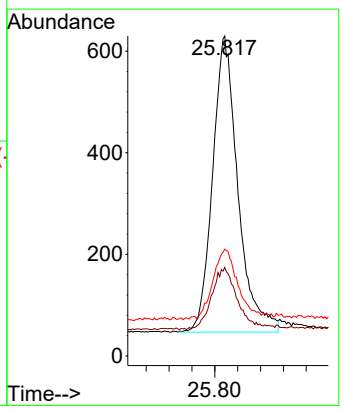


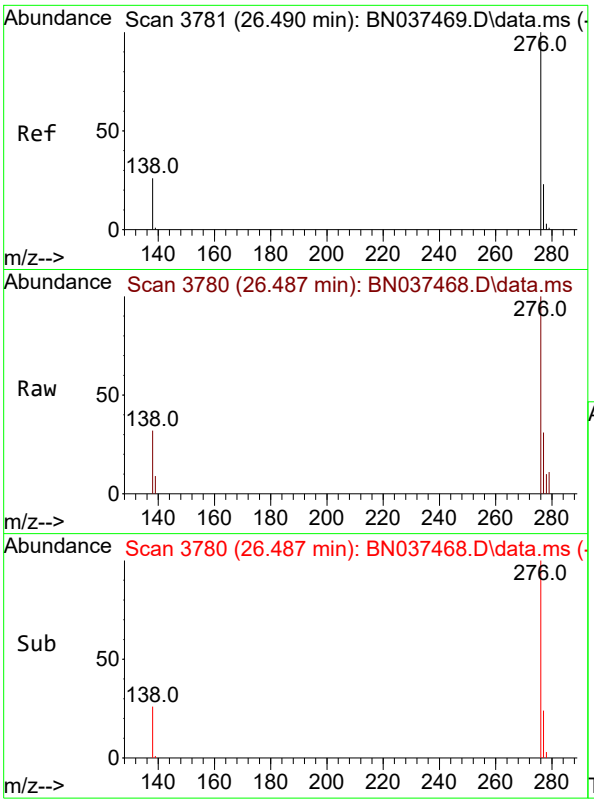


#40
Dibenzo(a,h)anthracene
Concen: 0.166 ng
RT: 25.817 min Scan# 3551
Delta R.T. -0.003 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Tgt Ion:278 Resp: 1791

Ion	Ratio	Lower	Upper
278	100		
139	27.6	19.9	29.9
279	33.3	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.180 ng
RT: 26.487 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037468.D
Acq: 11 Jul 2025 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 2131

Ion	Ratio	Lower	Upper
276	100		
277	30.7	21.7	32.5
138	31.7	24.3	36.5