Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090925\
Data File : BN037672.D
Acq On : 09 Sep 2025 19:33
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 10 01:52:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 01:49:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5479	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14691	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	7565	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	13693	0.400	ng		#-0.01
29) Chrysene-d12	21.420	240	12732	0.400	ng		0.00
35) Perylene-d12	23.750	264	12699	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	43767	3.120	ng		0.00
5) Phenol-d6	6.988	99	55399	3.144	ng		0.00
8) Nitrobenzene-d5	8.993	82	30175	3.334	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	66311	3.211	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	7310	3.475	ng		0.00
15) 2-Fluorobiphenyl	13.126	172	97322	3.271	ng		0.00
27) Fluoranthene-d10	19.271	212	117123	3.314	ng		0.00
31) Terphenyl-d14	19.870	244	82873	3.087	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	19074	3.209	ng		97
3) n-Nitrosodimethylamine	3.600	42	23956	3.200	ng	#	97
6) bis(2-Chloroethyl)ether	7.262	93	47222	3.167	ng		99
9) Naphthalene	10.701	128	129207	3.245	ng		99
10) Hexachlorobutadiene	11.000	225	22556	3.201	ng	#	99
12) 2-Methylnaphthalene	12.319	142	84086	3.264	ng		98
16) Acenaphthylene	14.216	152	115736	3.271	ng		100
17) Acenaphthene	14.559	154	74756	3.297	ng		99
18) Fluorene	15.547	166	92132	3.324	ng		99
20) 4,6-Dinitro-2-methylph...	15.609	198	2719	3.563	ng	#	12
21) 4-Bromophenyl-phenylether	16.441	248	29567	3.295	ng		96
22) Hexachlorobenzene	16.553	284	31039	3.274	ng		99
23) Atrazine	16.702	200	19827	3.538	ng		97
24) Pentachlorophenol	16.888	266	9707	3.054	ng		97
25) Phenanthrene	17.285	178	138407	3.307	ng		100
26) Anthracene	17.372	178	129973	3.348	ng		100
28) Fluoranthene	19.299	202	161205	3.428	ng		100
30) Pyrene	19.661	202	160941	3.170	ng		100
32) Benzo(a)anthracene	21.402	228	148967	3.275	ng		100
33) Chrysene	21.456	228	148865	3.228	ng		99
34) Bis(2-ethylhexyl)phtha...	21.357	149	43430	3.436	ng		100
36) Indeno(1,2,3-cd)pyrene	26.139	276	172940	3.592	ng		100
37) Benzo(b)fluoranthene	23.046	252	157611	3.367	ng		95
38) Benzo(k)fluoranthene	23.092	252	156875	3.405	ng	#	94
39) Benzo(a)pyrene	23.648	252	132213	3.393	ng		93
40) Dibenzo(a,h)anthracene	26.162	278	136577	3.772	ng	#	92
41) Benzo(g,h,i)perylene	26.864	276	149074	3.416	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090925\
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Operator : RC/JU
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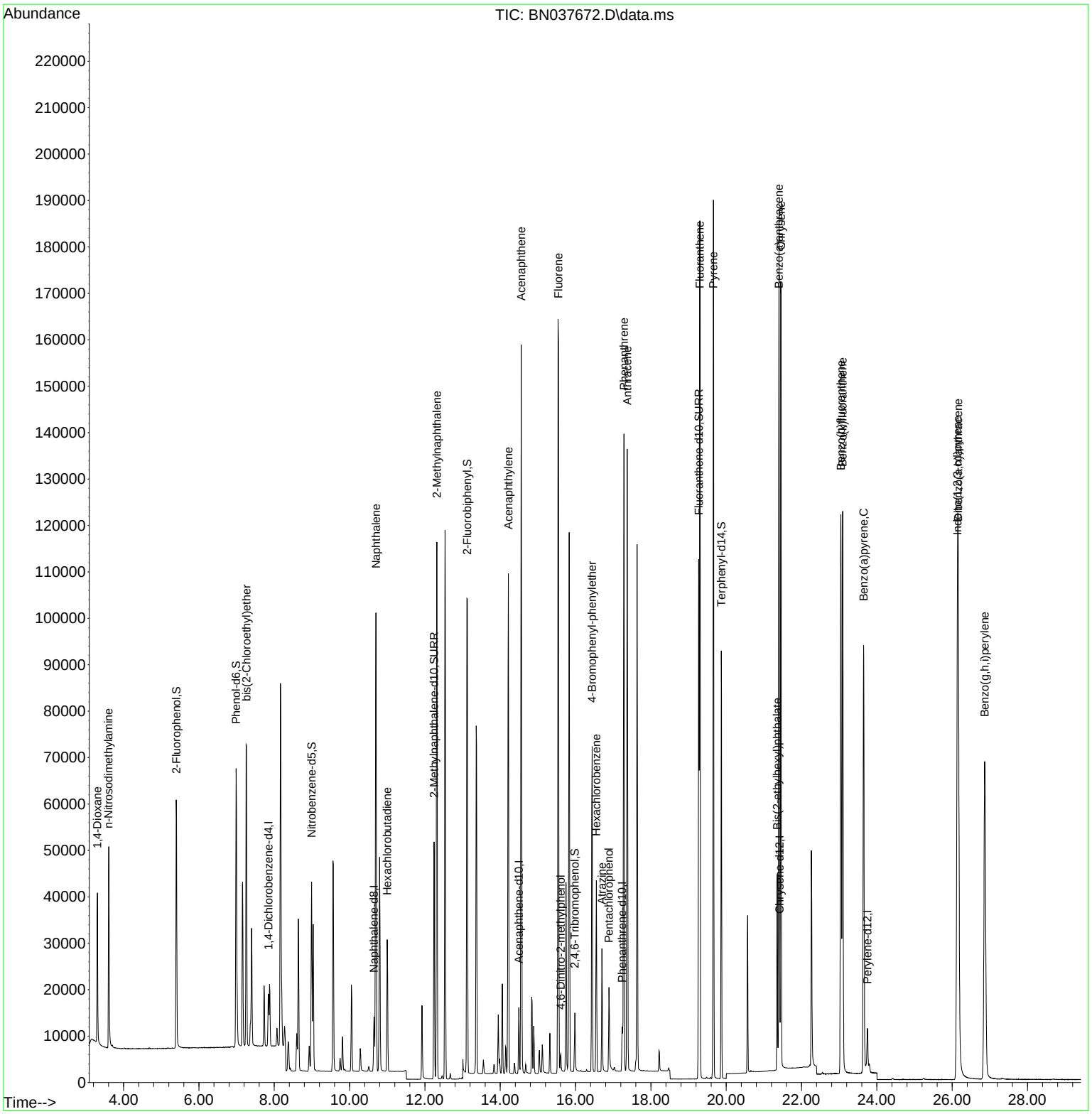
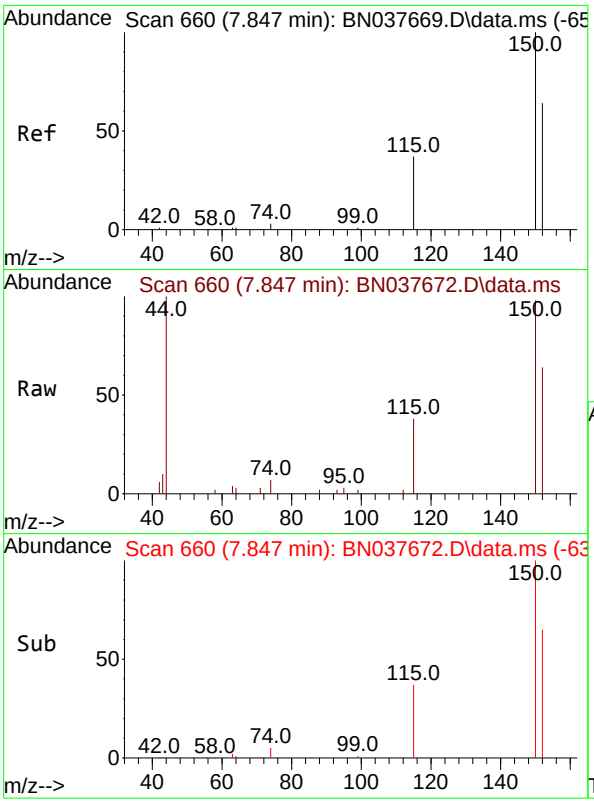
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 10 01:52:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 01:49:31 2025
Response via : Initial Calibration



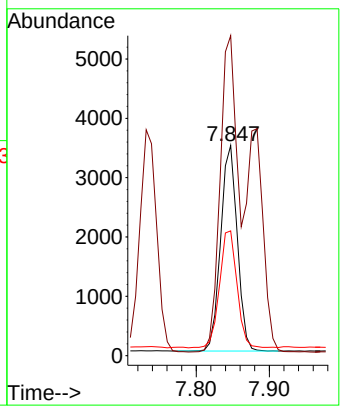


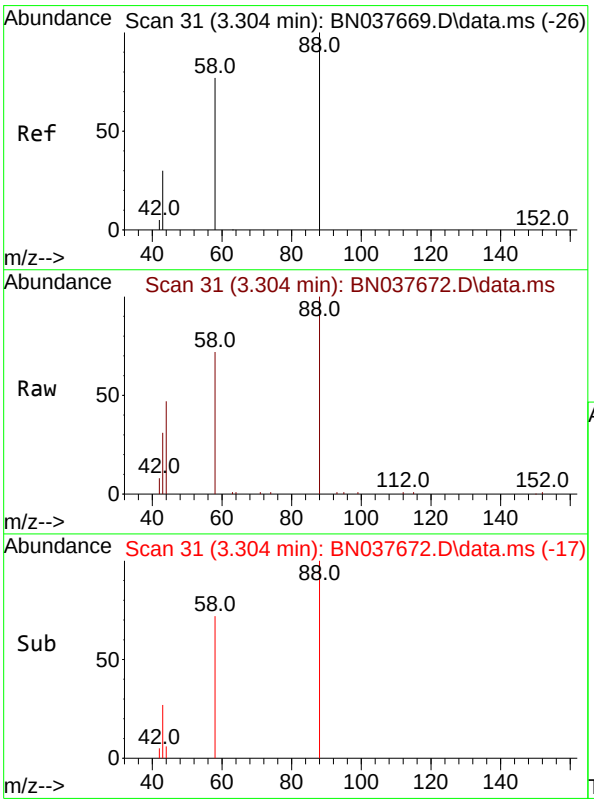
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5479

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.2	184.8
115	59.3	49.0	73.4

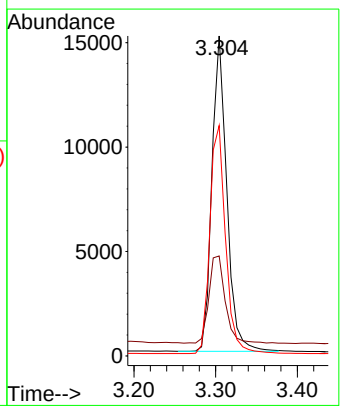


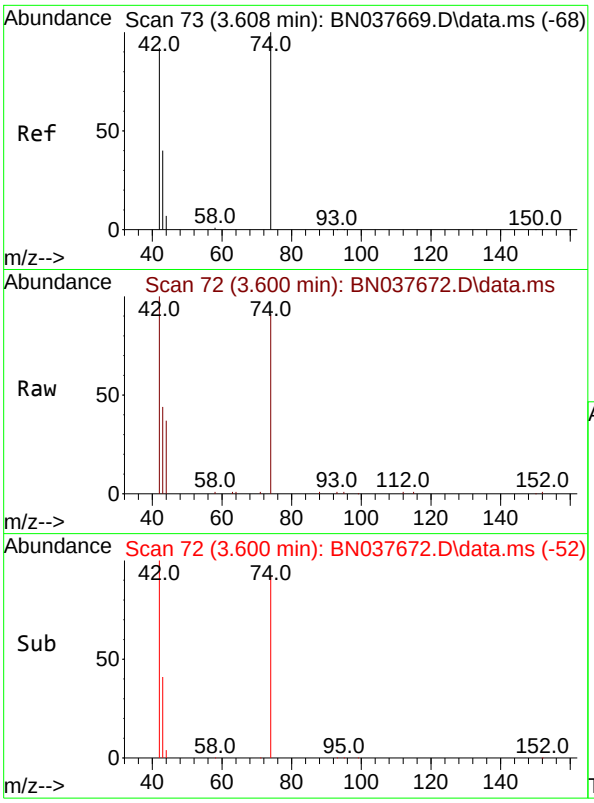


#2
1,4-Dioxane
Concen: 3.209 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion: 88 Resp: 19074

Ion	Ratio	Lower	Upper
88	100		
43	30.5	26.8	40.2
58	76.8	62.6	93.8



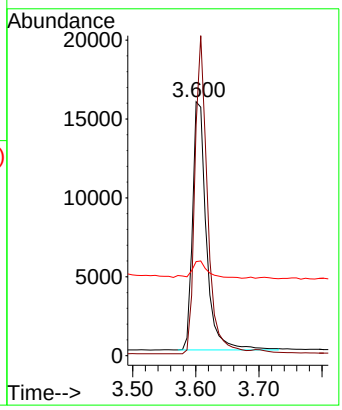


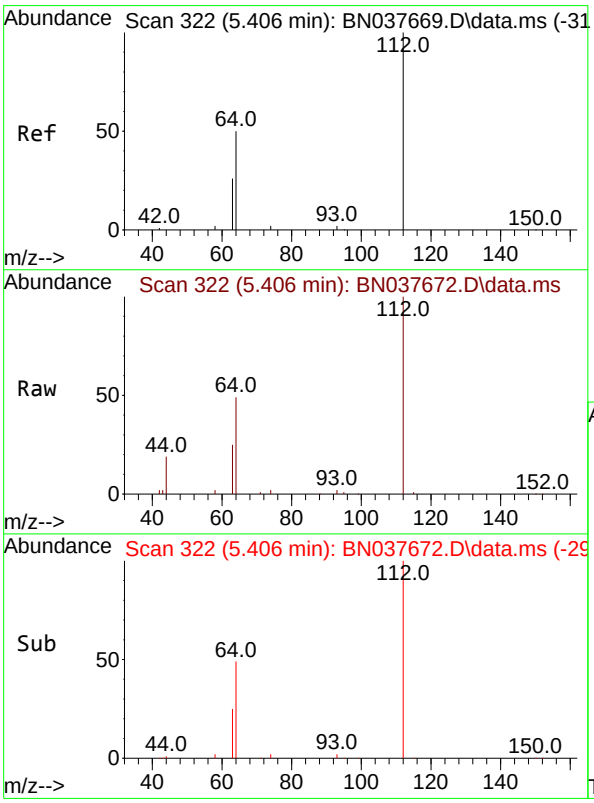
#3
n-Nitrosodimethylamine
Concen: 3.200 ng
RT: 3.600 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 23956

Ion	Ratio	Lower	Upper
42	100		
74	116.6	94.9	142.3
44	8.2	10.6	16.0#

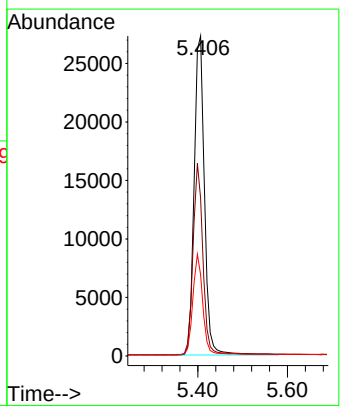


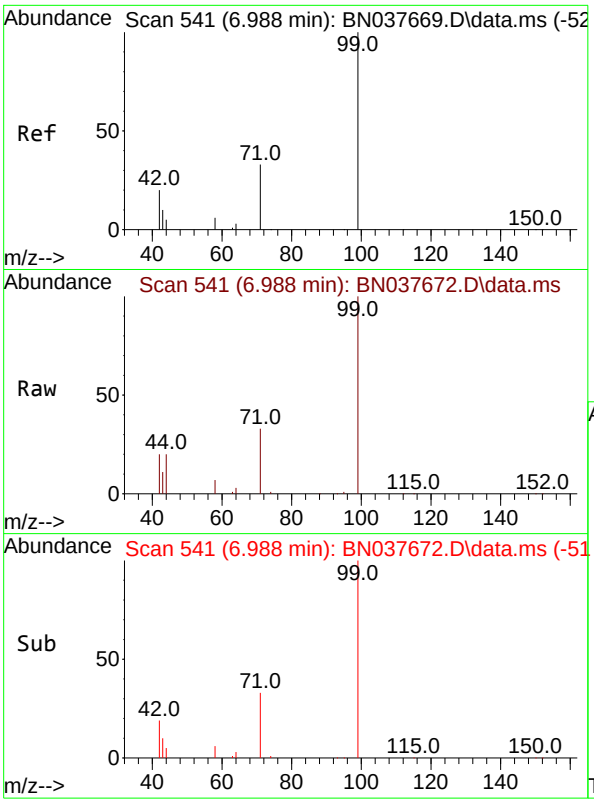


#4
2-Fluorophenol
Concen: 3.120 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:112 Resp: 43767

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	30.1	23.7	35.5



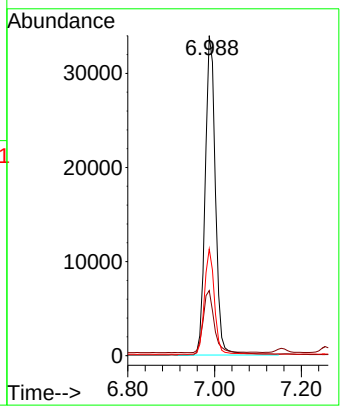


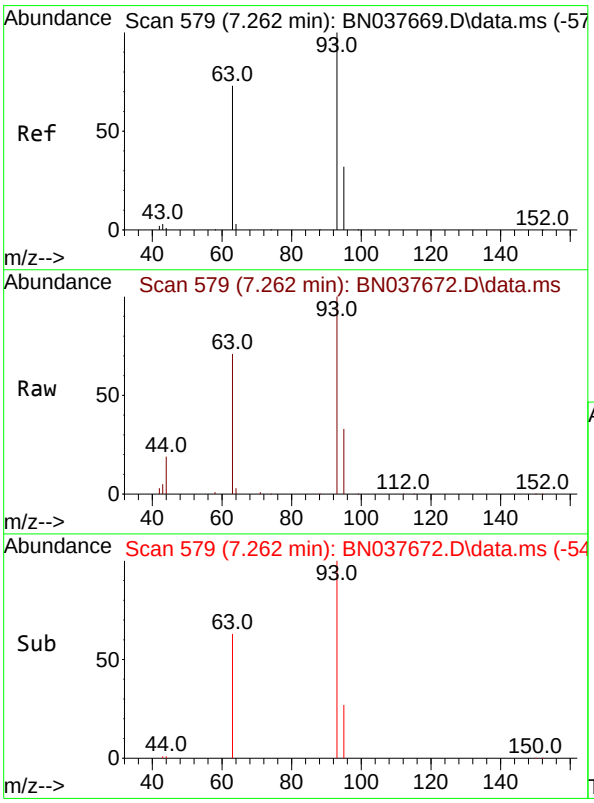
#5
Phenol-d6
Concen: 3.144 ng
RT: 6.988 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 55399

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.7	26.5
71	32.4	26.7	40.1

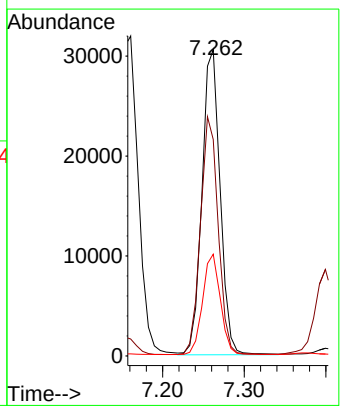


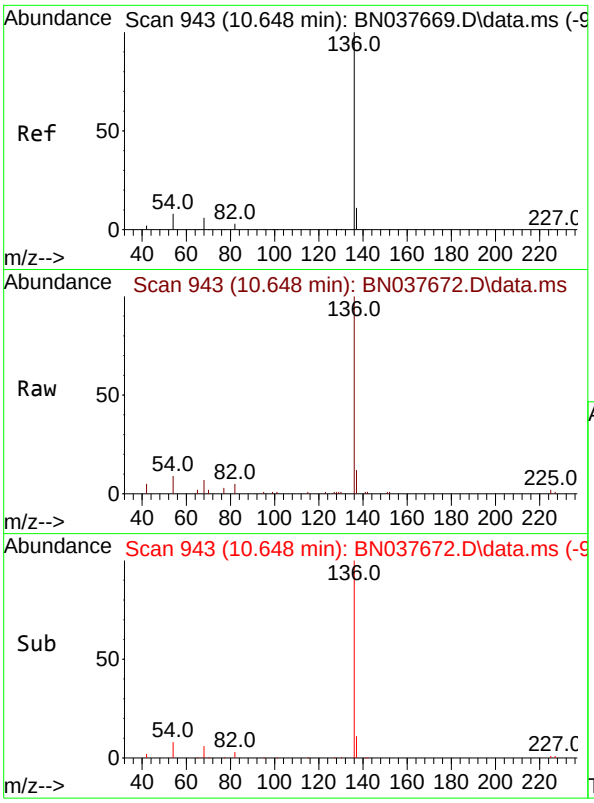


#6
bis(2-Chloroethyl)ether
Concen: 3.167 ng
RT: 7.262 min Scan# 579
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion: 93 Resp: 47222

Ion	Ratio	Lower	Upper
93	100		
63	76.1	62.1	93.1
95	32.2	26.0	39.0



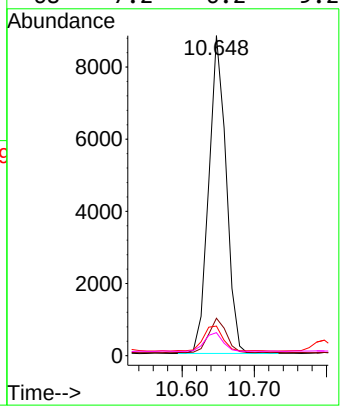


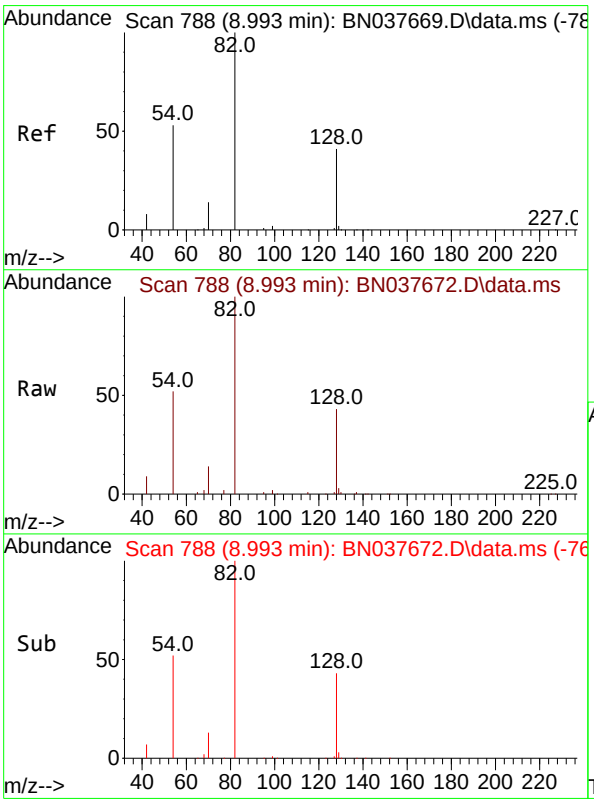
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 14691

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	9.3	8.1	12.1
68	7.2	6.2	9.2

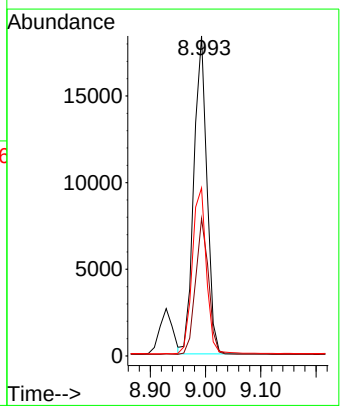


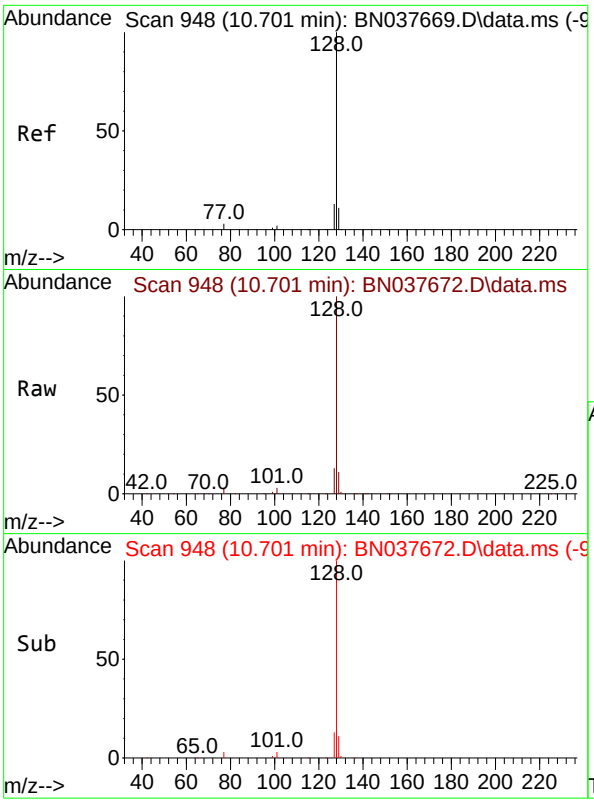


#8
Nitrobenzene-d5
Concen: 3.334 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion: 82 Resp: 30175

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.3	51.5
54	52.5	45.5	68.3



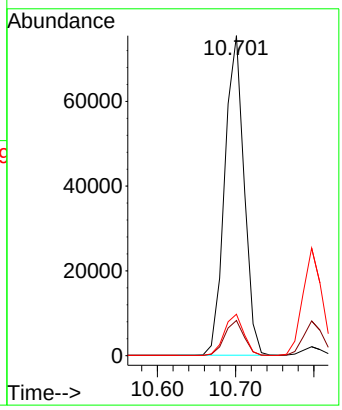


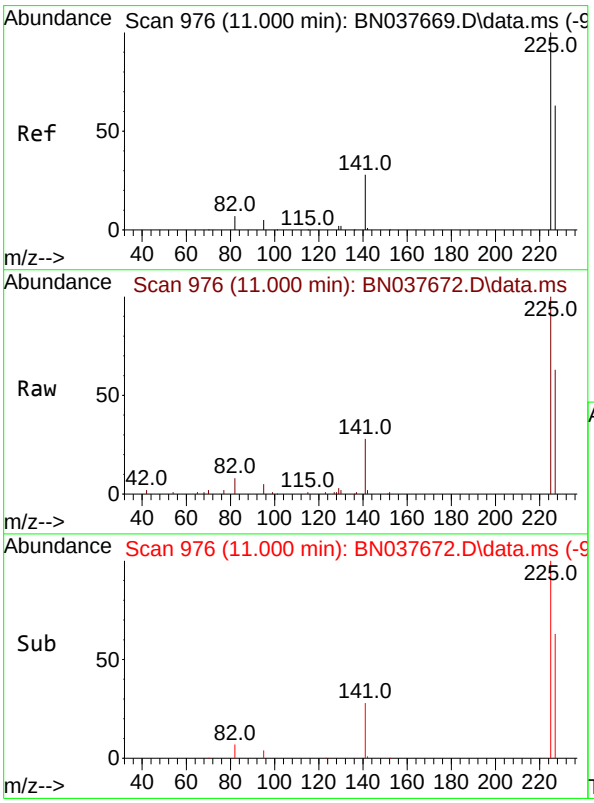
#9
Naphthalene
Concen: 3.245 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 129207

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.0	10.7	16.1

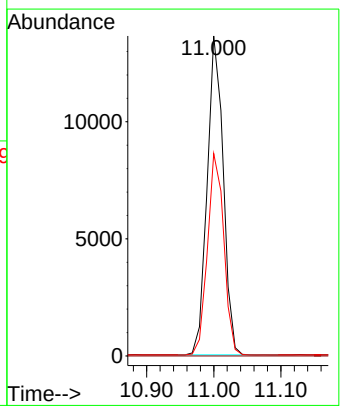


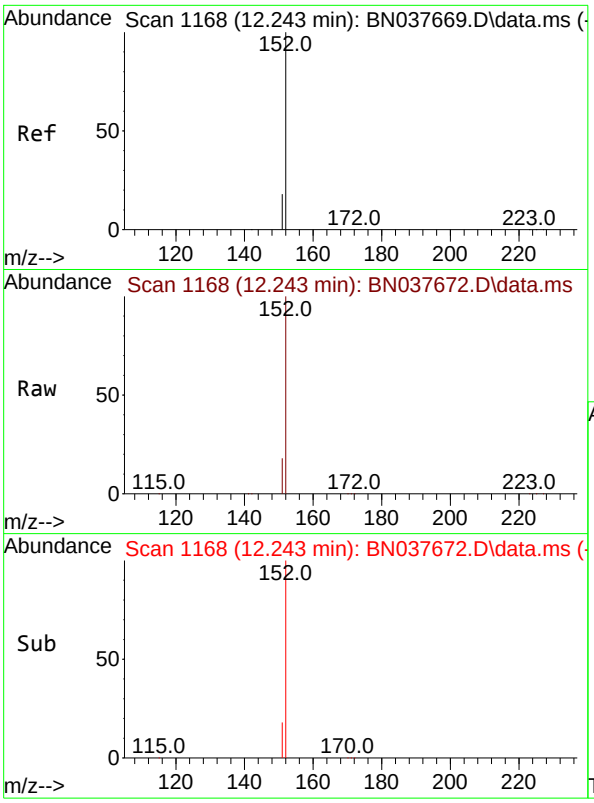


#10
Hexachlorobutadiene
Concen: 3.201 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:225 Resp: 22556

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.7	77.5



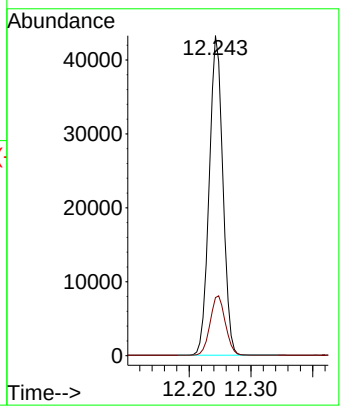


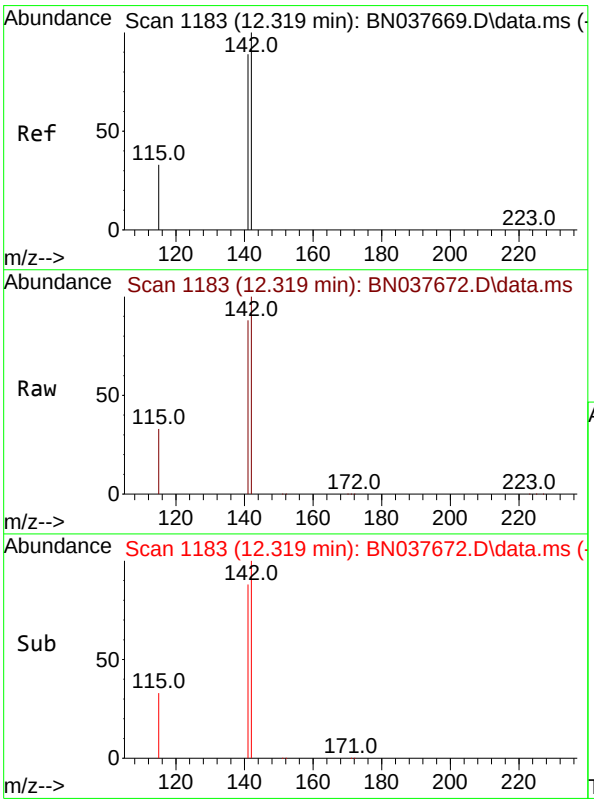
#11
2-Methylnaphthalene-d10
Concen: 3.211 ng
RT: 12.243 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 66311

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

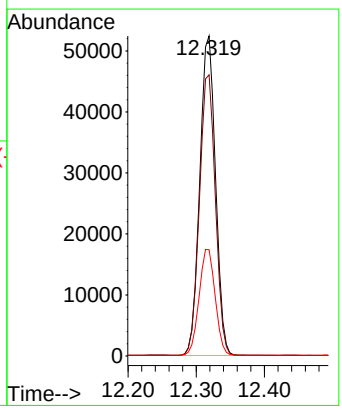


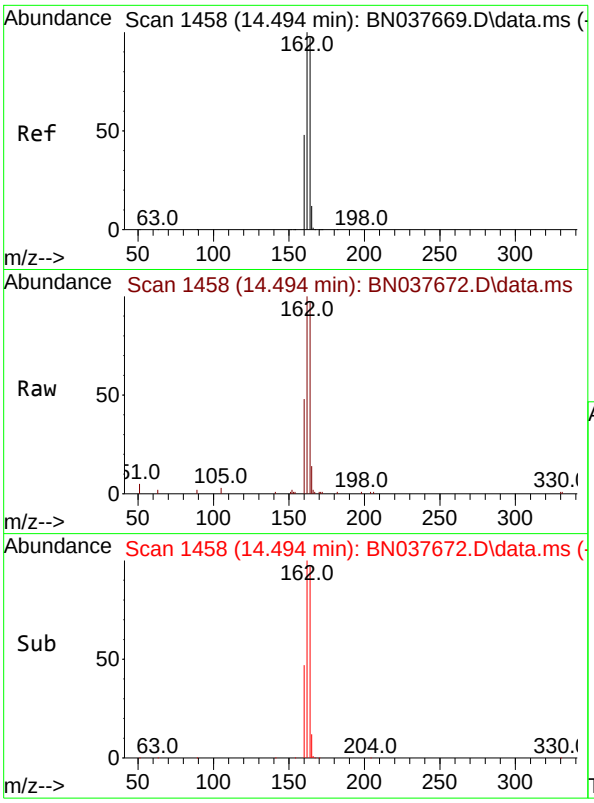


#12
2-Methylnaphthalene
Concen: 3.264 ng
RT: 12.319 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:142 Resp: 84086

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.5	107.3
115	33.2	28.0	42.0



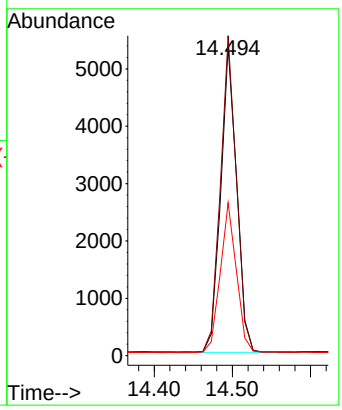


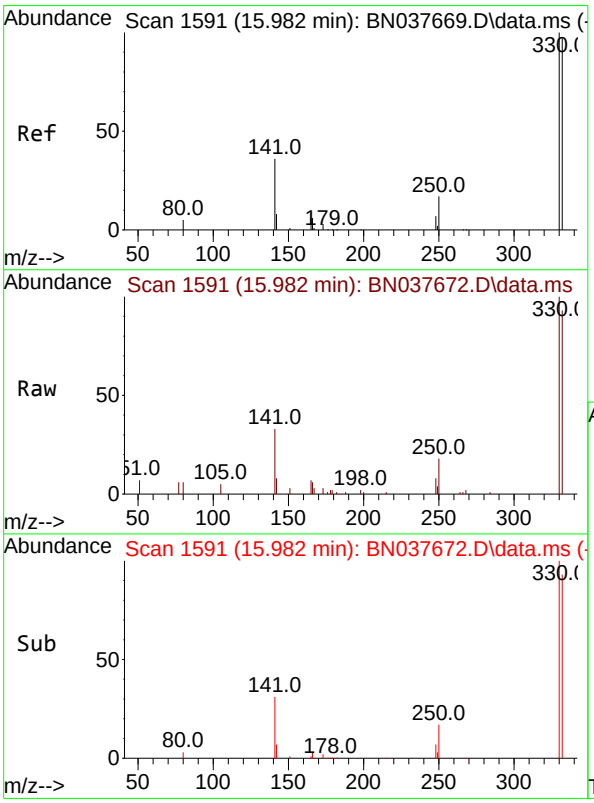
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 7565

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	49.4	39.7	59.5

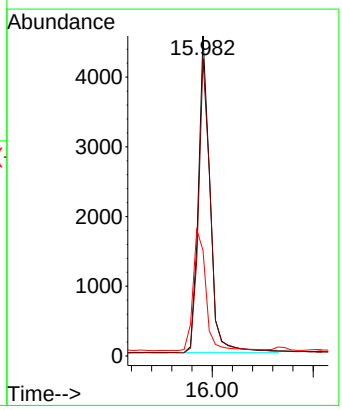


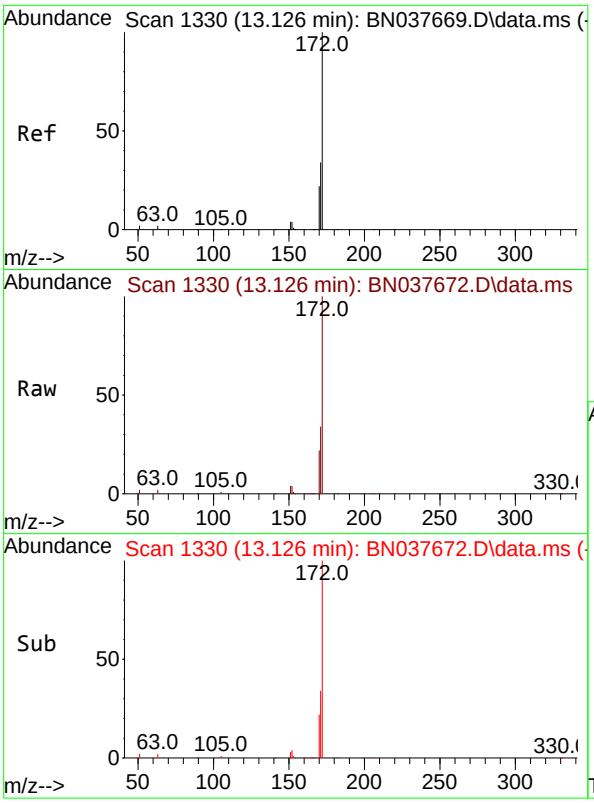


#14
2,4,6-Tribromophenol
Concen: 3.475 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:330 Resp: 7310

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.8	118.2
141	42.6	37.8	56.6



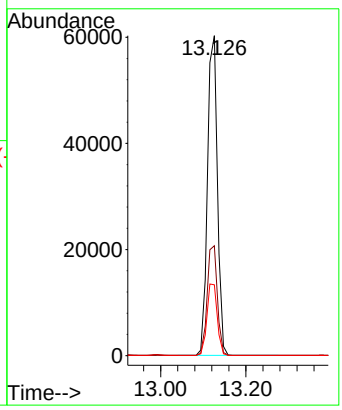


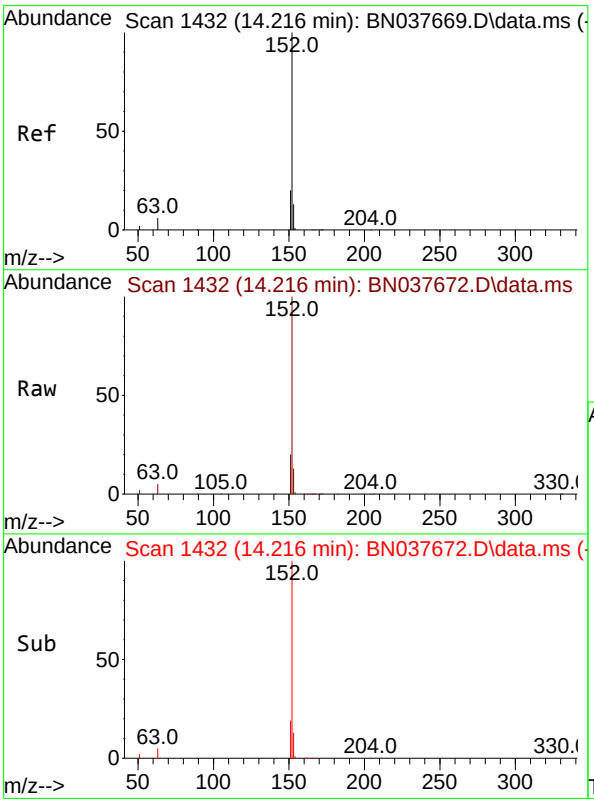
#15
2-Fluorobiphenyl
Concen: 3.271 ng
RT: 13.126 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 97322

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	22.1	18.4	27.6

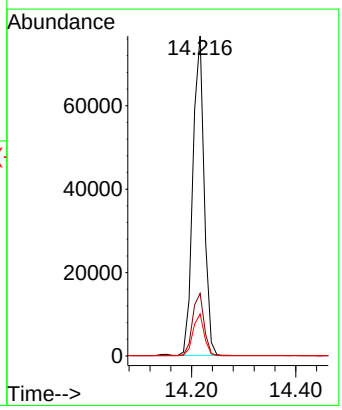


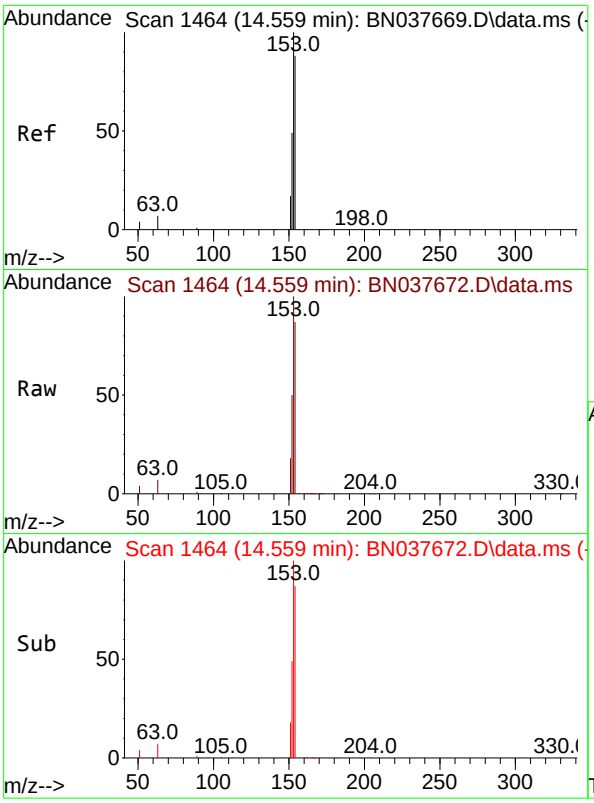


#16
Acenaphthylene
Concen: 3.271 ng
RT: 14.216 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:152 Resp: 115736

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.9	10.4	15.6



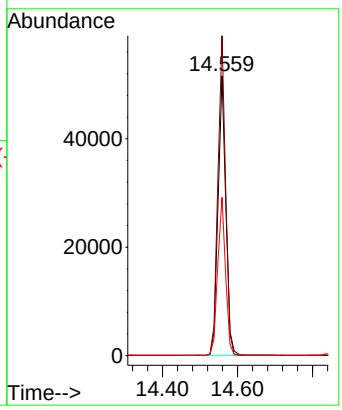


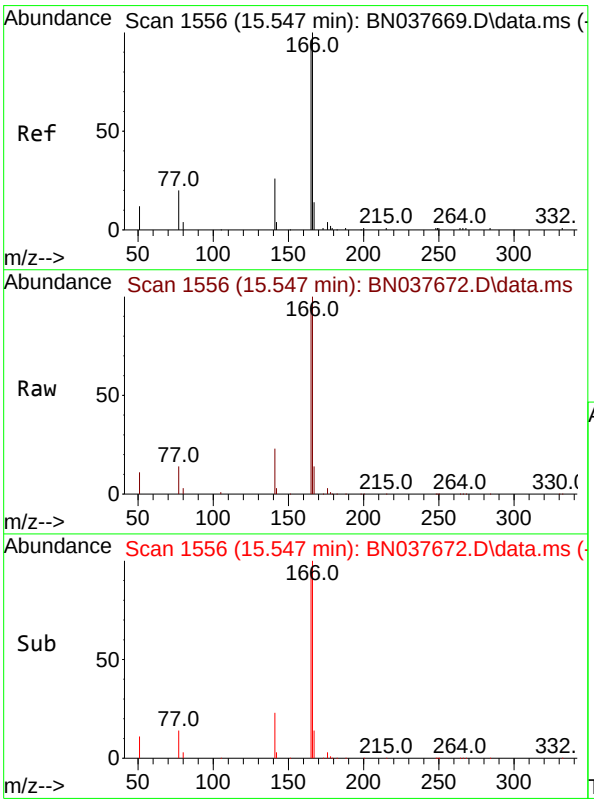
#17
Acenaphthene
Concen: 3.297 ng
RT: 14.559 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 74756

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.7	136.1
152	56.7	46.4	69.6

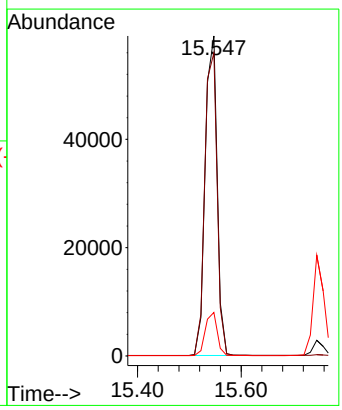


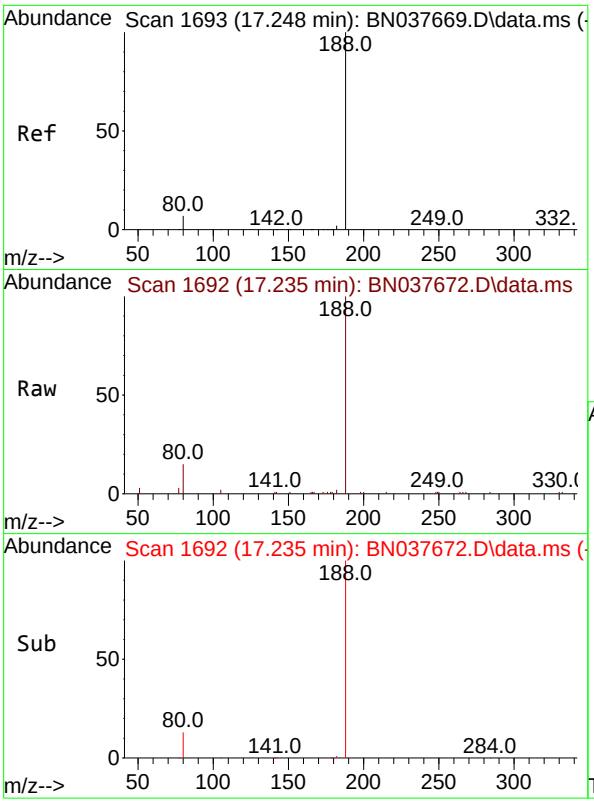


#18
Fluorene
Concen: 3.324 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:166 Resp: 92132

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.4	116.0
167	13.6	10.6	15.8



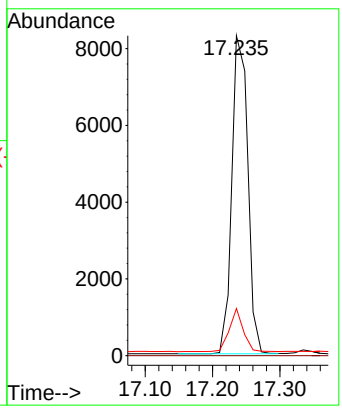


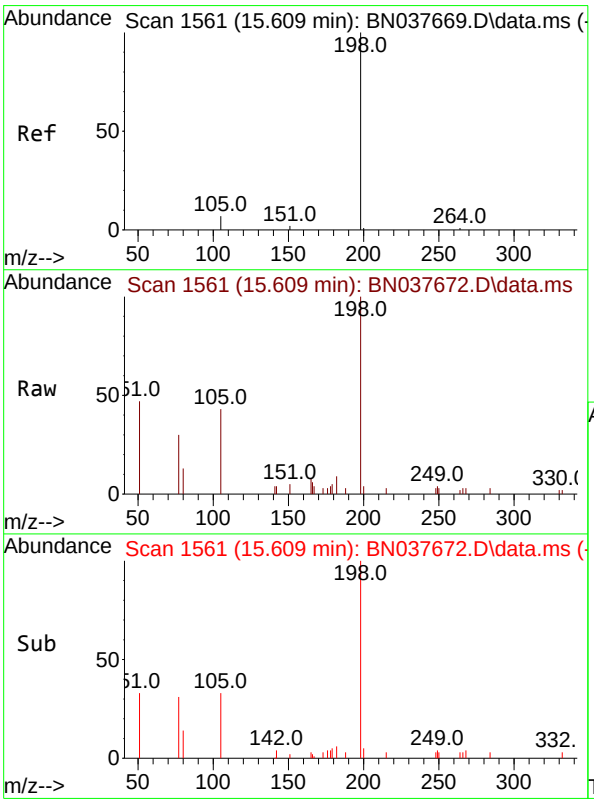
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 13693

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.8	6.3	9.5#

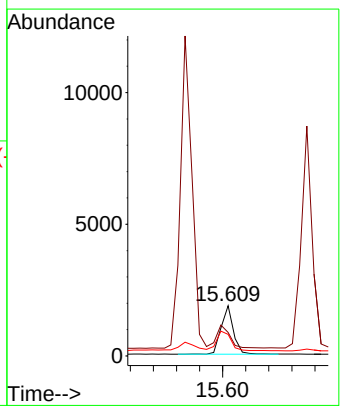


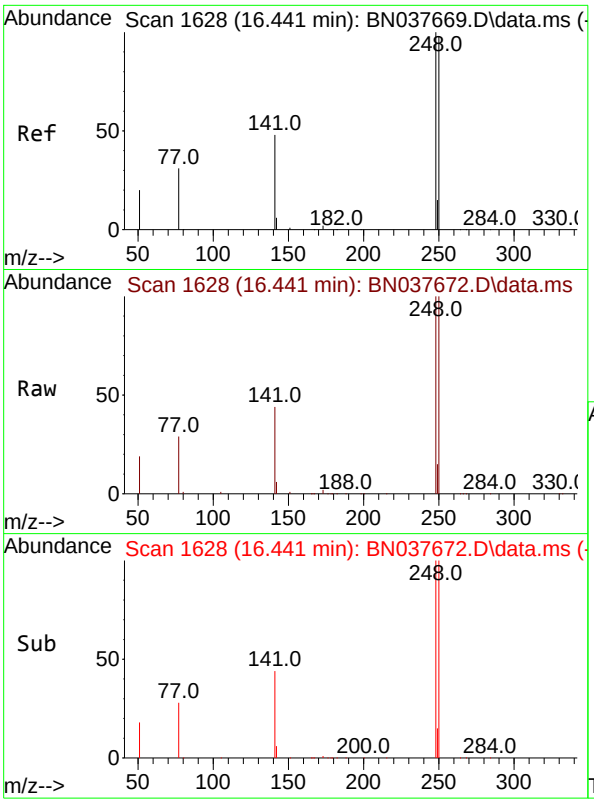


#20
4,6-Dinitro-2-methylphenol
Concen: 3.563 ng
RT: 15.609 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:198 Resp: 2719

Ion	Ratio	Lower	Upper
198	100		
51	46.8	144.8	217.2#
105	43.0	110.7	166.1#



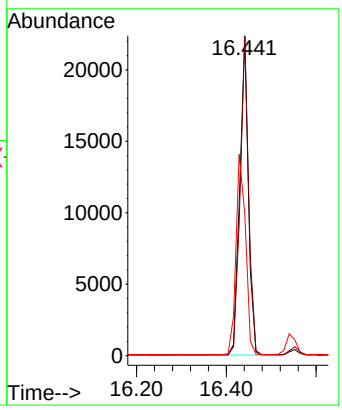


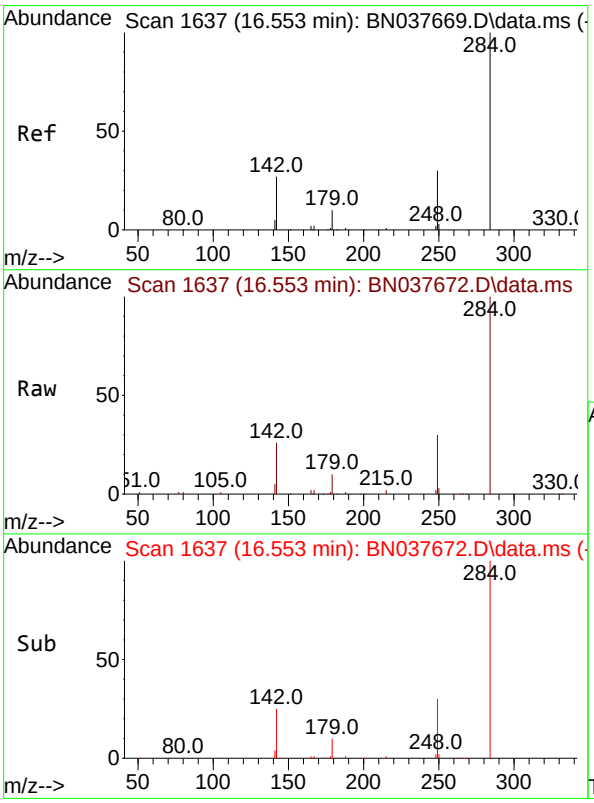
#21
4-Bromophenyl-phenylether
Concen: 3.295 ng
RT: 16.441 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 29567

Ion	Ratio	Lower	Upper
248	100		
250	100.2	78.7	118.1
141	44.6	40.2	60.4

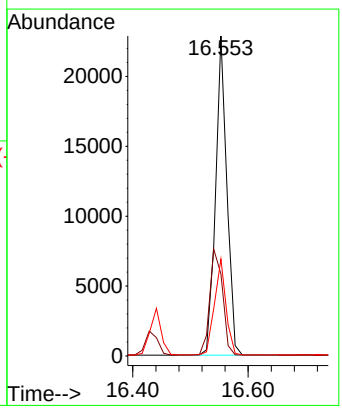


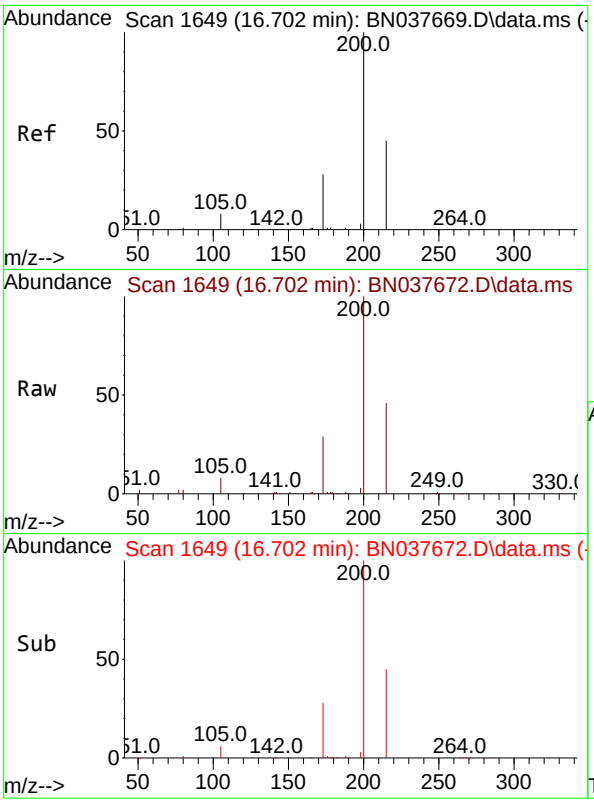


#22
Hexachlorobenzene
Concen: 3.274 ng
RT: 16.553 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:284 Resp: 31039

Ion	Ratio	Lower	Upper
284	100		
142	37.3	29.4	44.2
249	30.4	24.4	36.6



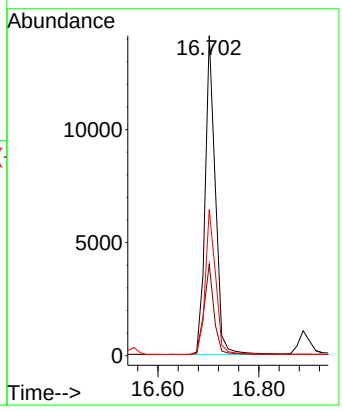


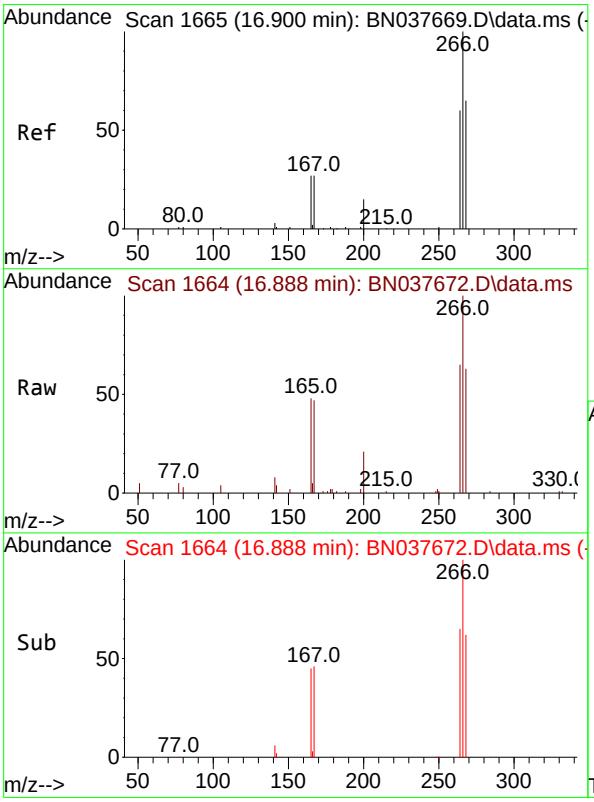
#23
Atrazine
Concen: 3.538 ng
RT: 16.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 19827

Ion	Ratio	Lower	Upper
200	100		
173	28.6	24.7	37.1
215	45.7	37.5	56.3

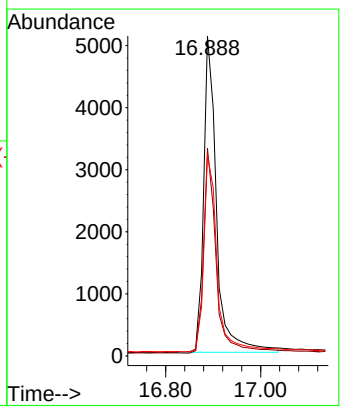


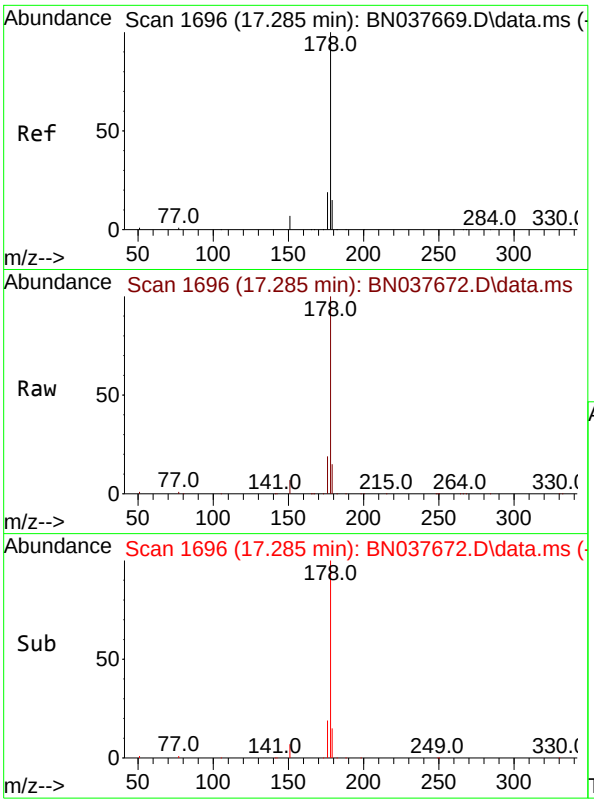


#24
Pentachlorophenol
Concen: 3.054 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:266 Resp: 9707

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.7	74.5
268	64.0	48.7	73.1



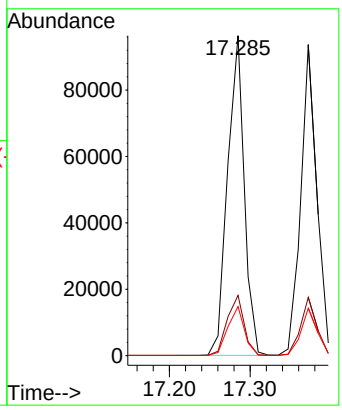


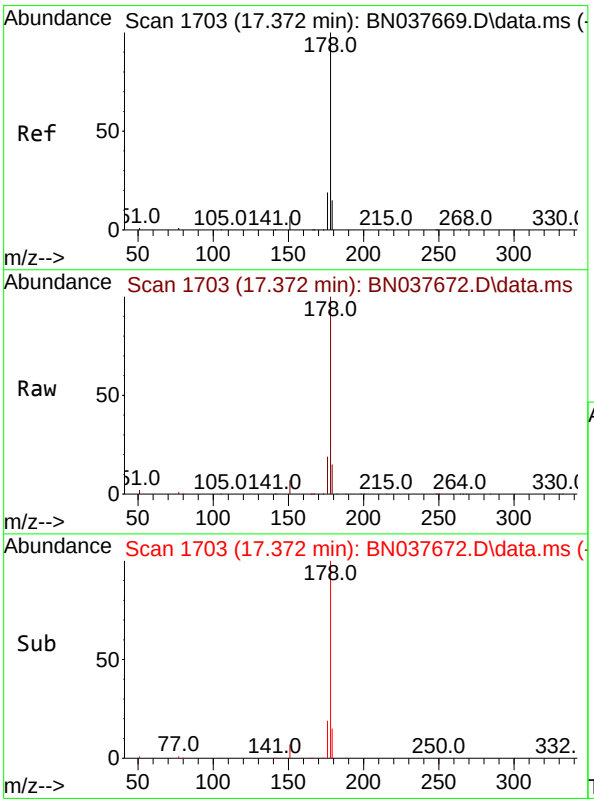
#25
Phenanthrene
Concen: 3.307 ng
RT: 17.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 138407

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.5	18.7

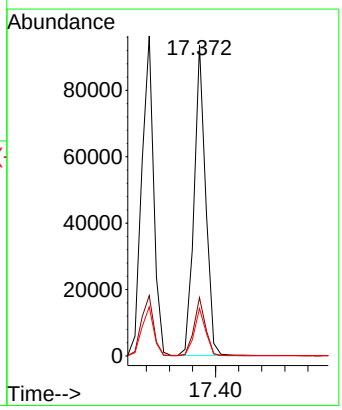


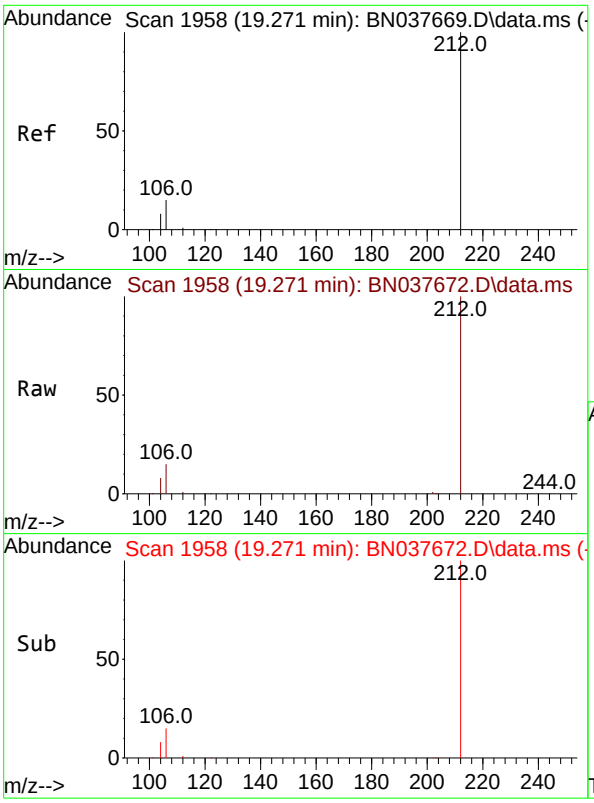


#26
Anthracene
Concen: 3.348 ng
RT: 17.372 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:178 Resp: 129973

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.3	12.0	18.0



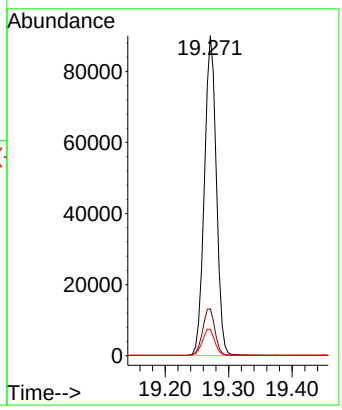


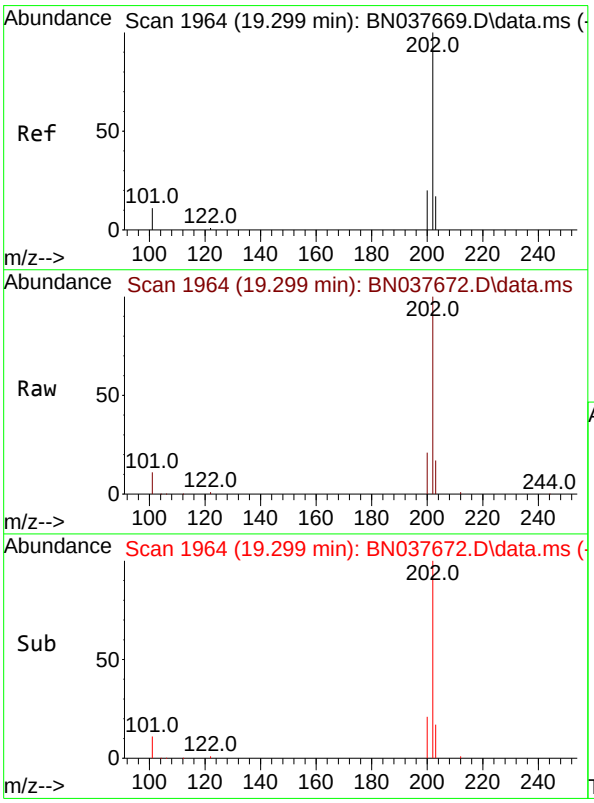
#27
Fluoranthene-d10
Concen: 3.314 ng
RT: 19.271 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 117123

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.8	17.6
104	8.4	6.6	10.0

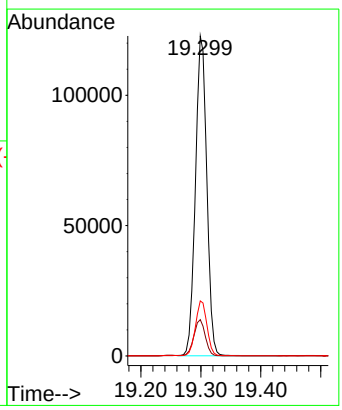


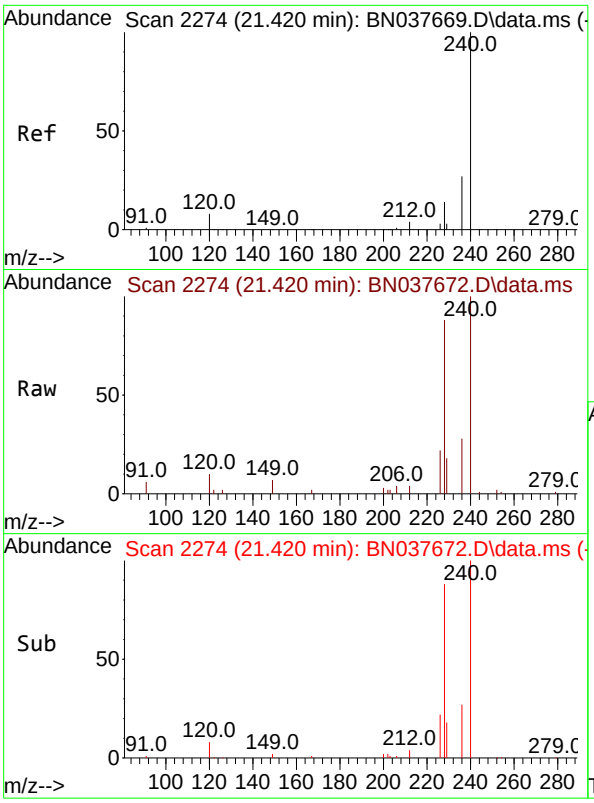


#28
Fluoranthene
Concen: 3.428 ng
RT: 19.299 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:202 Resp: 161205

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.6
203	17.2	13.8	20.8



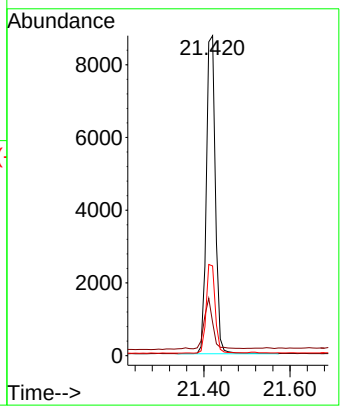


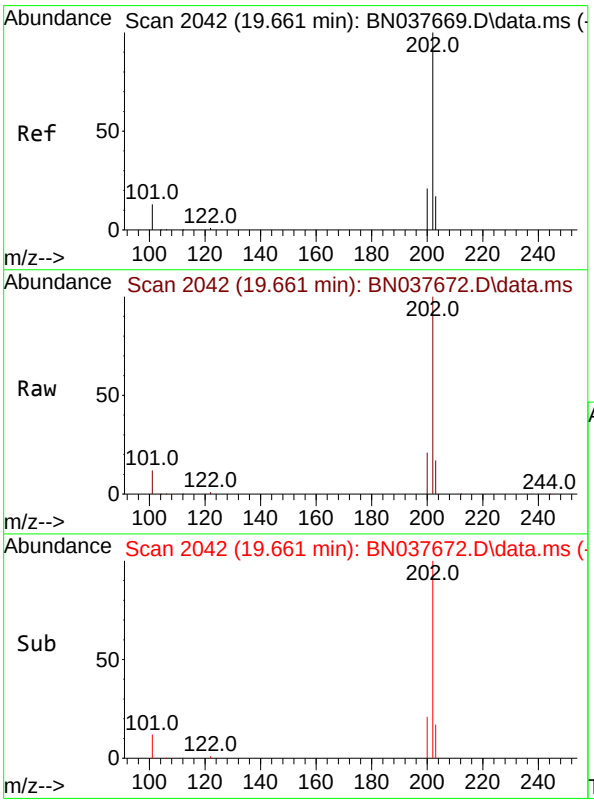
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 12732

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.5	12.7
236	28.0	22.5	33.7

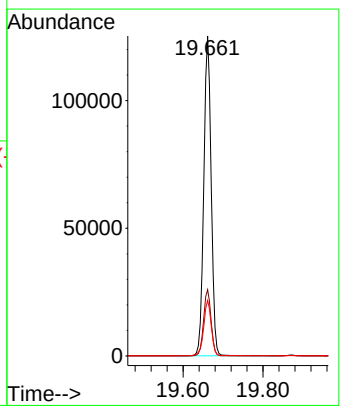


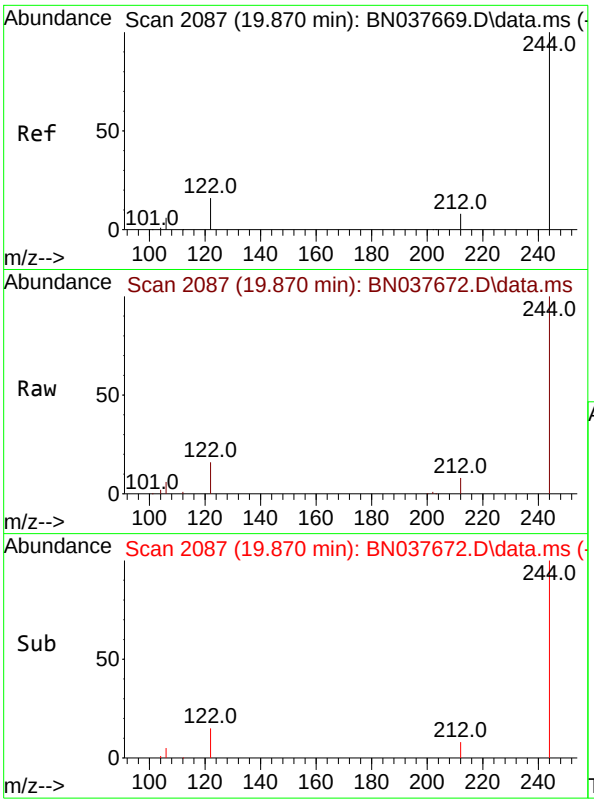


#30
Pyrene
Concen: 3.170 ng
RT: 19.661 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:202 Resp: 160941

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.7	14.3	21.5



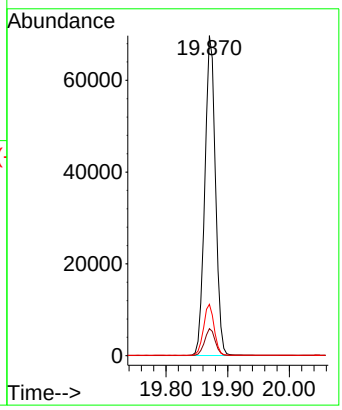


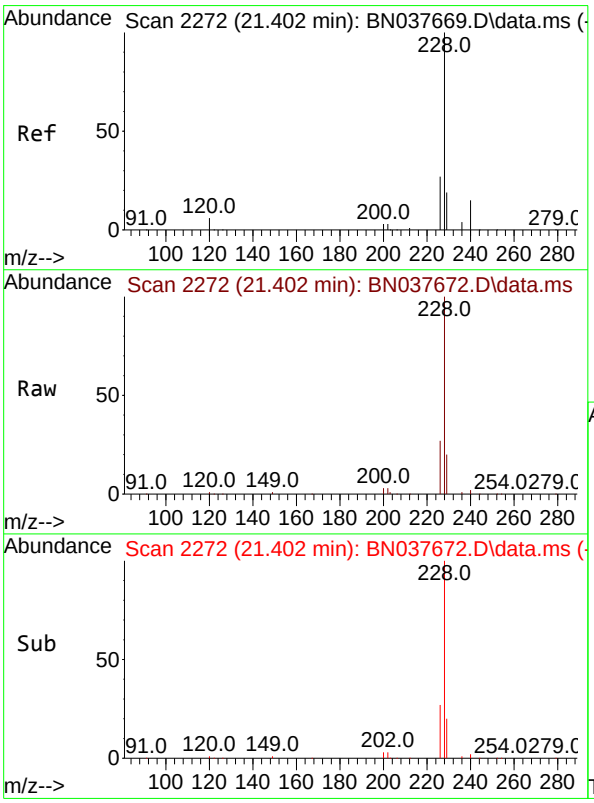
#31
Terphenyl-d14
Concen: 3.087 ng
RT: 19.870 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 82873

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	16.1	13.4	20.2

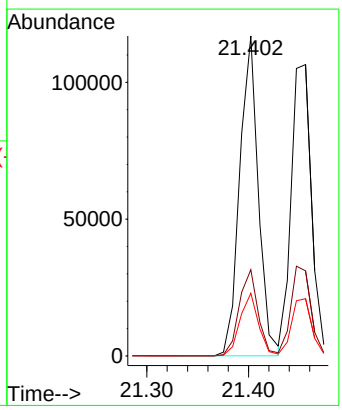


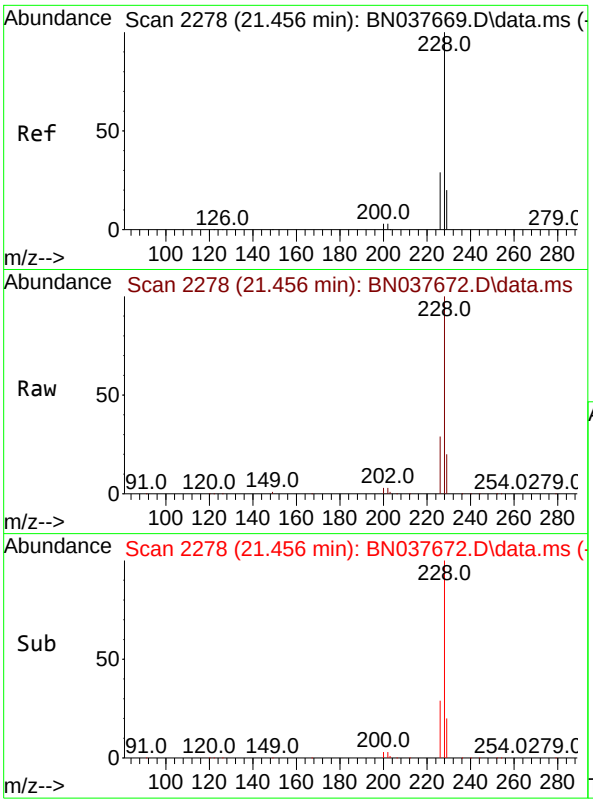


#32
Benzo(a)anthracene
Concen: 3.275 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:228 Resp: 148967

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.6	15.8	23.6



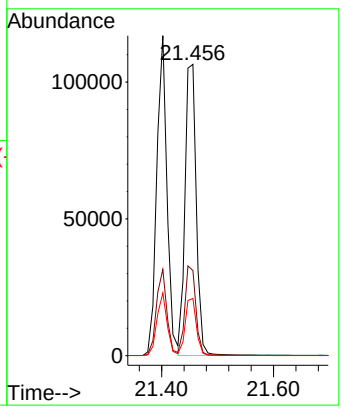


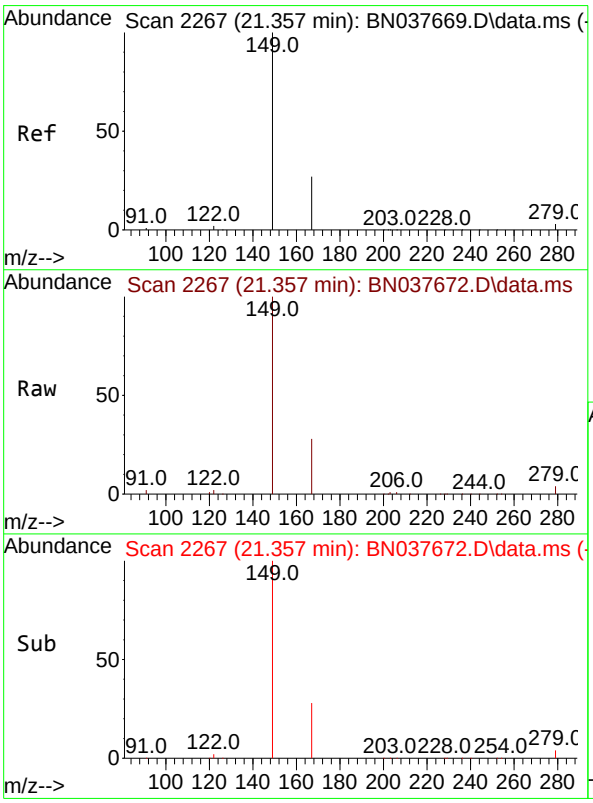
#33
Chrysene
Concen: 3.228 ng
RT: 21.456 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 148865

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	19.7	16.1	24.1

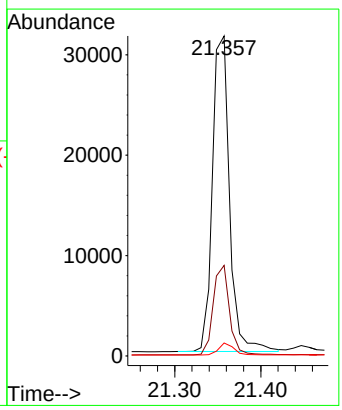


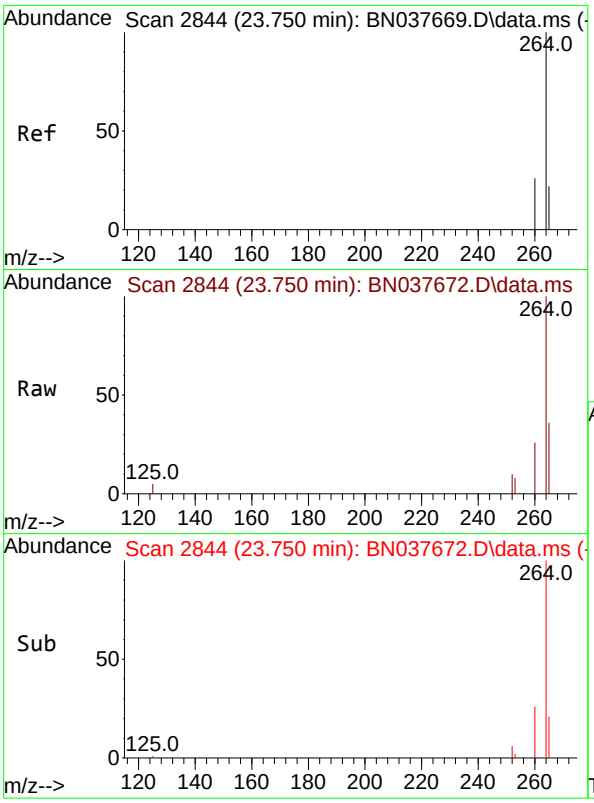


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.436 ng
RT: 21.357 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:149 Resp: 43430

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.3	2.6	3.8



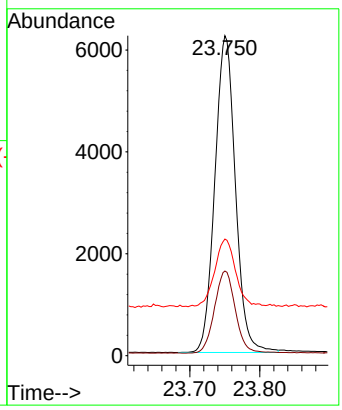


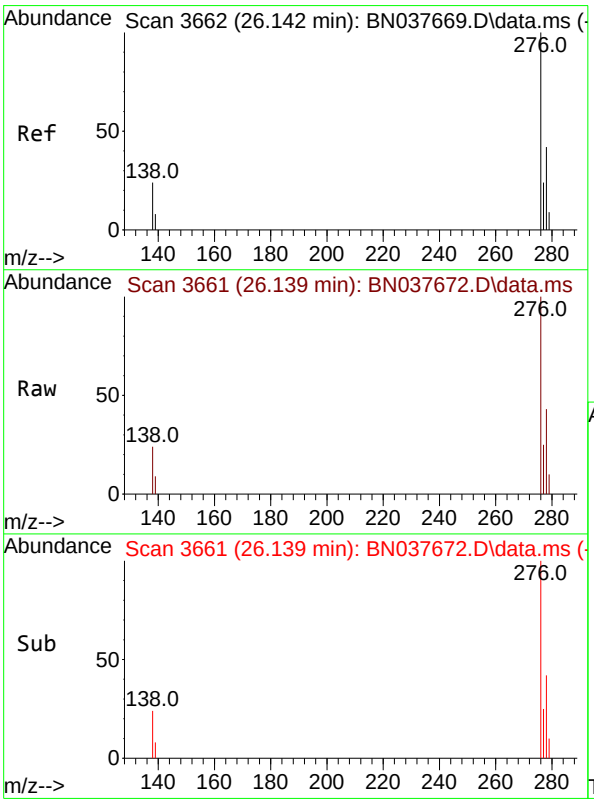
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.750 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 12699

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	36.4	28.2	42.4

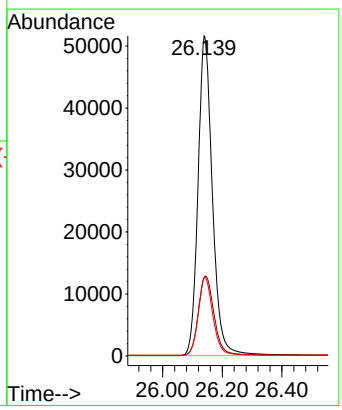


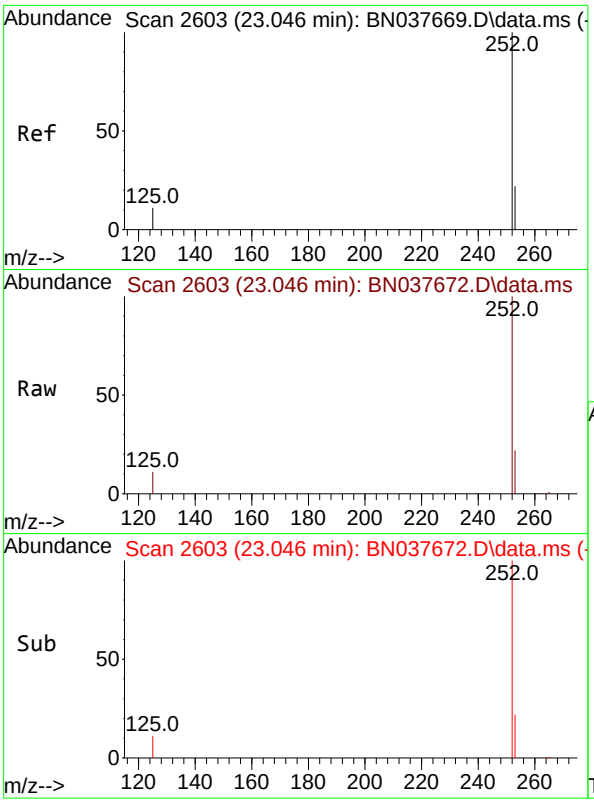


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.592 ng
RT: 26.139 min Scan# 3661
Delta R.T. -0.003 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:276 Resp: 172940

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.3	31.9
277	25.1	20.1	30.1



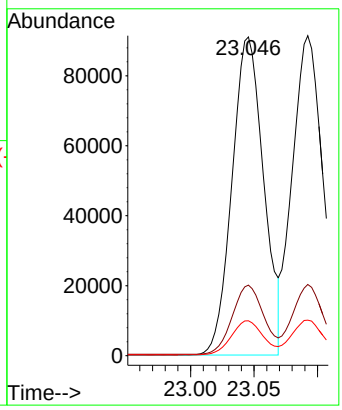


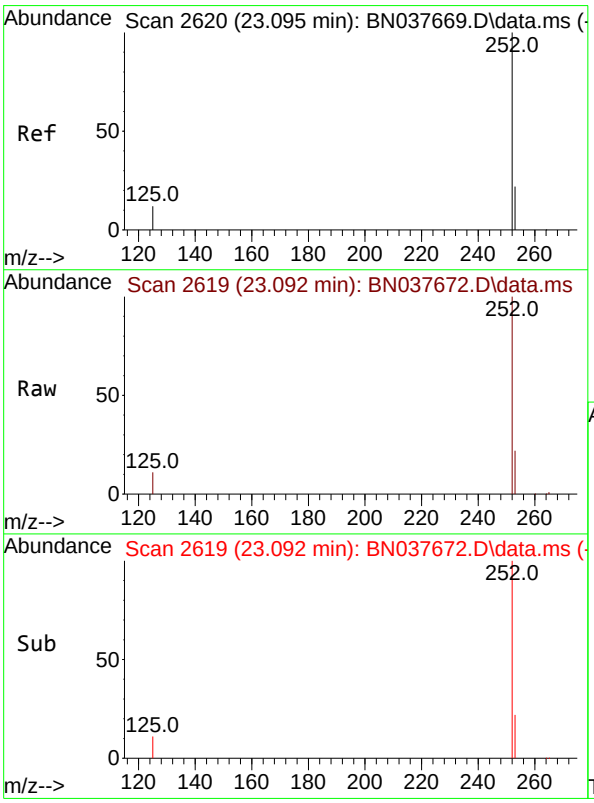
#37
Benzo(b)fluoranthene
Concen: 3.367 ng
RT: 23.046 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 157611

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.7	29.5
125	11.0	10.2	15.2

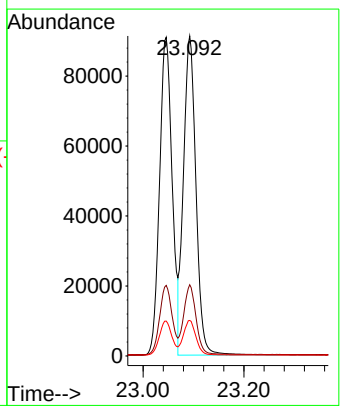


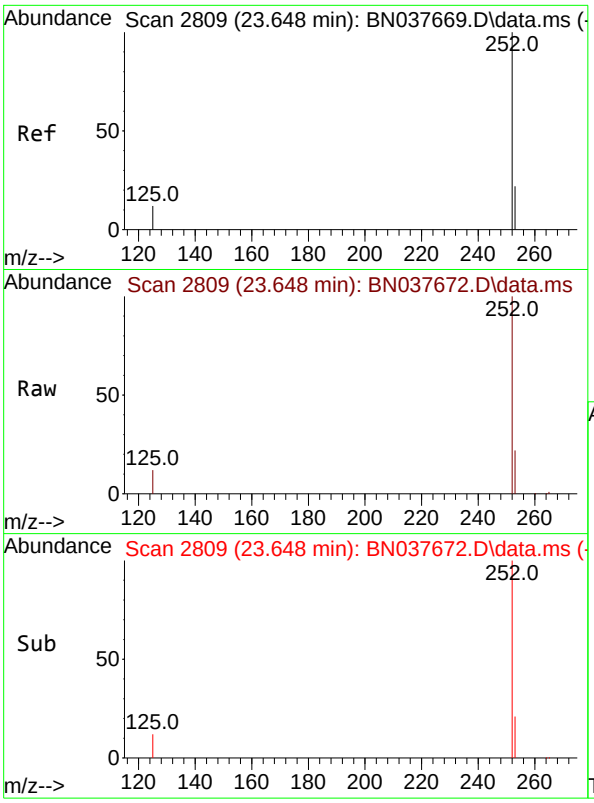


#38
Benzo(k)fluoranthene
Concen: 3.405 ng
RT: 23.092 min Scan# 2619
Delta R.T. -0.003 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:252 Resp: 156875

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.9	29.9
125	11.1	11.4	17.0#



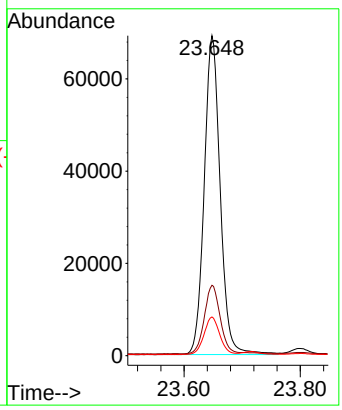


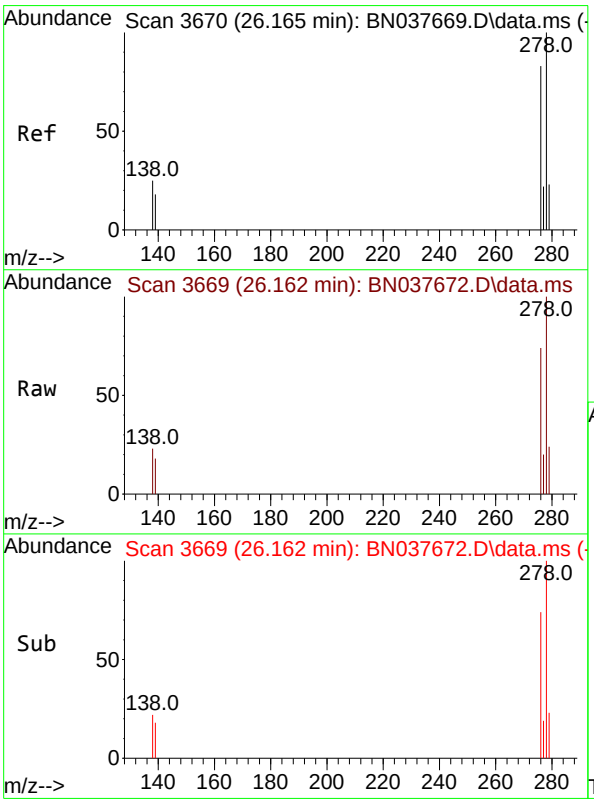
#39
Benzo(a)pyrene
Concen: 3.393 ng
RT: 23.648 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 132213

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.7	31.1
125	12.1	11.9	17.9

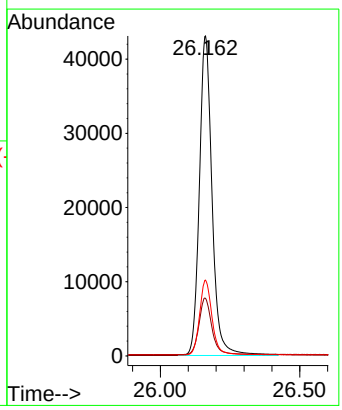


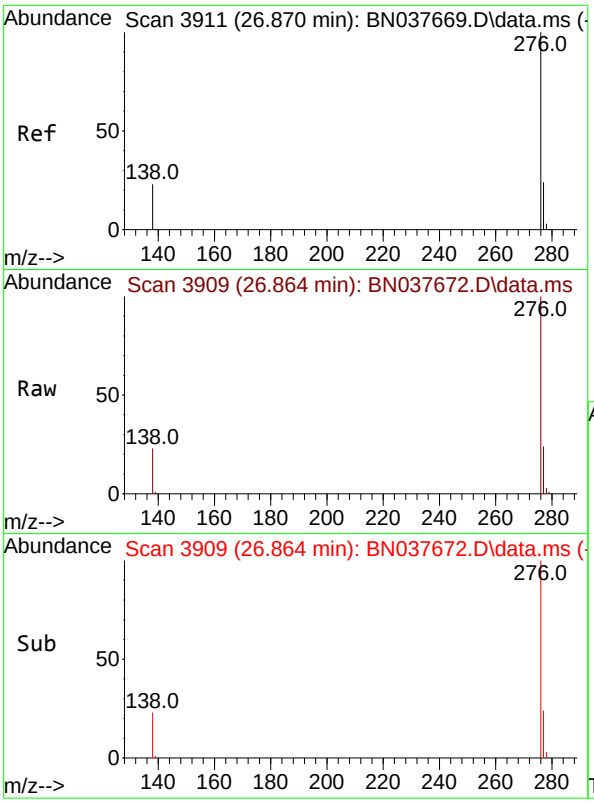


#40
Dibenzo(a,h)anthracene
Concen: 3.772 ng
RT: 26.162 min Scan# 3669
Delta R.T. -0.003 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Tgt Ion:278 Resp: 136577

Ion	Ratio	Lower	Upper
278	100		
139	18.0	19.1	28.7#
279	23.7	20.9	31.3





#41
Benzo(g,h,i)perylene
Concen: 3.416 ng
RT: 26.864 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN037672.D
Acq: 09 Sep 2025 19:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 149074

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.9	29.9
138	23.3	20.5	30.7