Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071525\
Data File : BN037503.D
Acq On : 15 Jul 2025 15:01
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jul 15 17:27:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 16:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	2129	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5384	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	3005	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	5542	0.400	ng		0.00
29) Chrysene-d12	21.277	240	4955	0.400	ng		0.00
35) Perylene-d12	23.516	264	4551	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	8362	1.588	ng		0.00
5) Phenol-d6	6.886	99	10225	1.548	ng		0.00
8) Nitrobenzene-d5	8.864	82	6457	1.604	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	12096	1.566	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	2331	1.578	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	27369	1.751	ng		0.00
27) Fluoranthene-d10	19.127	212	23071	1.572	ng		0.00
31) Terphenyl-d14	19.731	244	16936	1.591	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3392	1.657	ng		98
3) n-Nitrosodimethylamine	3.543	42	4327	1.681	ng	#	90
6) bis(2-Chloroethyl)ether	7.146	93	8832	1.607	ng		99
9) Naphthalene	10.551	128	23495	1.636	ng		98
10) Hexachlorobutadiene	10.861	225	5277	1.663	ng	#	98
12) 2-Methylnaphthalene	12.172	142	15410	1.632	ng		99
16) Acenaphthylene	14.077	152	22002	1.635	ng		100
17) Acenaphthene	14.419	154	14877	1.625	ng		99
18) Fluorene	15.403	166	19298	1.638	ng		98
20) 4,6-Dinitro-2-methylph...	15.467	198	1268	1.576	ng	#	75
21) 4-Bromophenyl-phenylether	16.292	248	5943	1.674	ng		98
22) Hexachlorobenzene	16.404	284	7650	1.668	ng		100
23) Atrazine	16.565	200	4016	1.621	ng		95
24) Pentachlorophenol	16.751	266	3347	1.627	ng		99
25) Phenanthrene	17.136	178	27669	1.666	ng		100
26) Anthracene	17.223	178	25717	1.697	ng		100
28) Fluoranthene	19.155	202	31674	1.654	ng		99
30) Pyrene	19.517	202	31858	1.596	ng		100
32) Benzo(a)anthracene	21.259	228	28317	1.632	ng		99
33) Chrysene	21.313	228	29489	1.632	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	11959	1.532	ng		99
36) Indeno(1,2,3-cd)pyrene	25.782	276	32244	1.701	ng		99
37) Benzo(b)fluoranthene	22.844	252	28933	1.675	ng	#	94
38) Benzo(k)fluoranthene	22.890	252	30228	1.696	ng	#	94
39) Benzo(a)pyrene	23.420	252	24034	1.668	ng	#	93
40) Dibenzo(a,h)anthracene	25.800	278	26285	1.712	ng		95
41) Benzo(g,h,i)perylene	26.466	276	26971	1.697	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071525\
Data File : BN037503.D
Acq On : 15 Jul 2025 15:01
Operator : RC/JU
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Misc :
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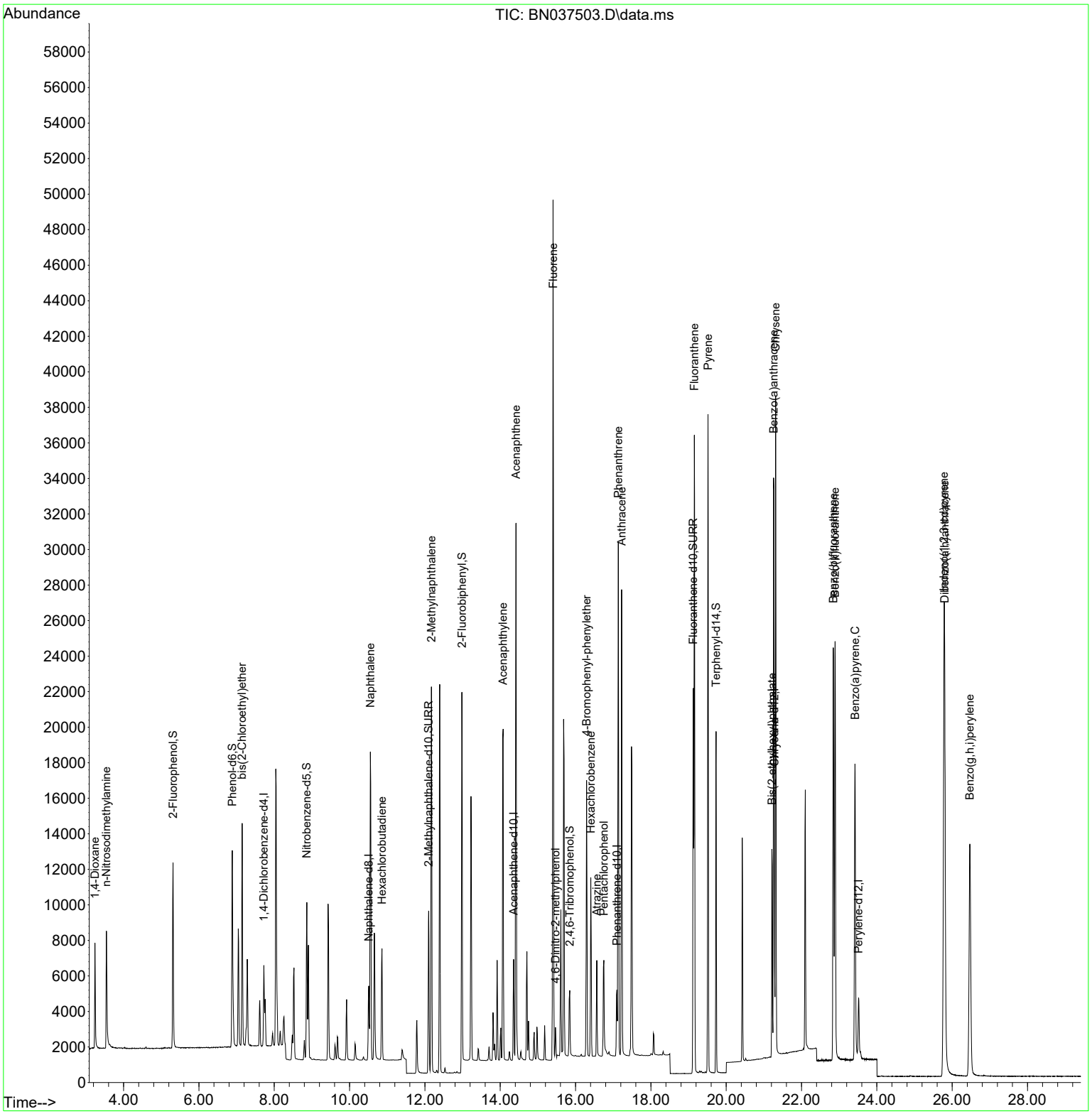
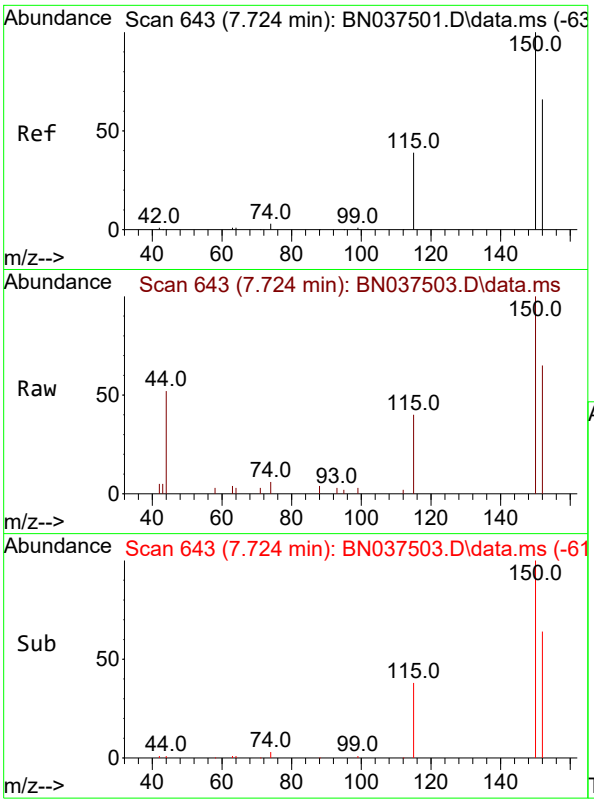
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jul 15 17:27:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 16:45:15 2025
Response via : Initial Calibration



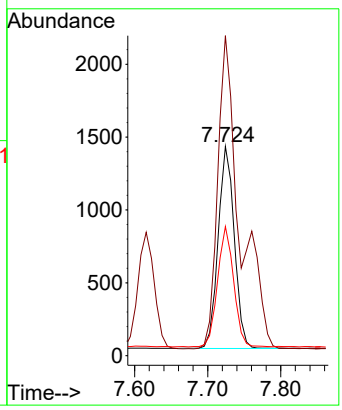


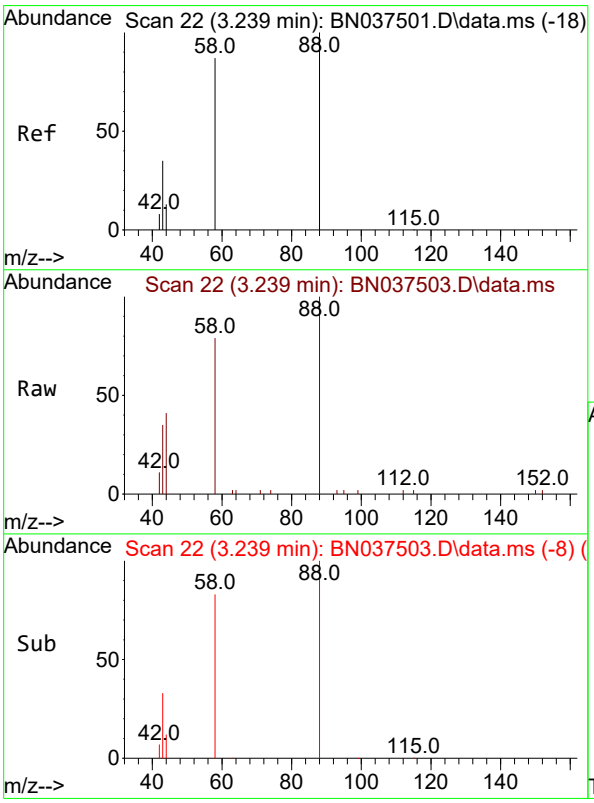
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 2129

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.8	179.8
115	61.7	49.1	73.7

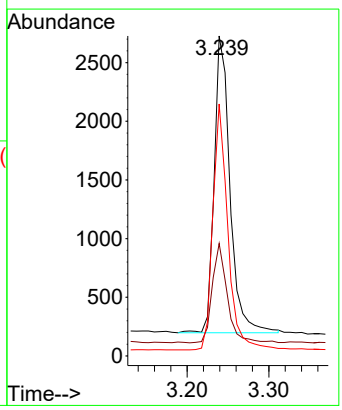


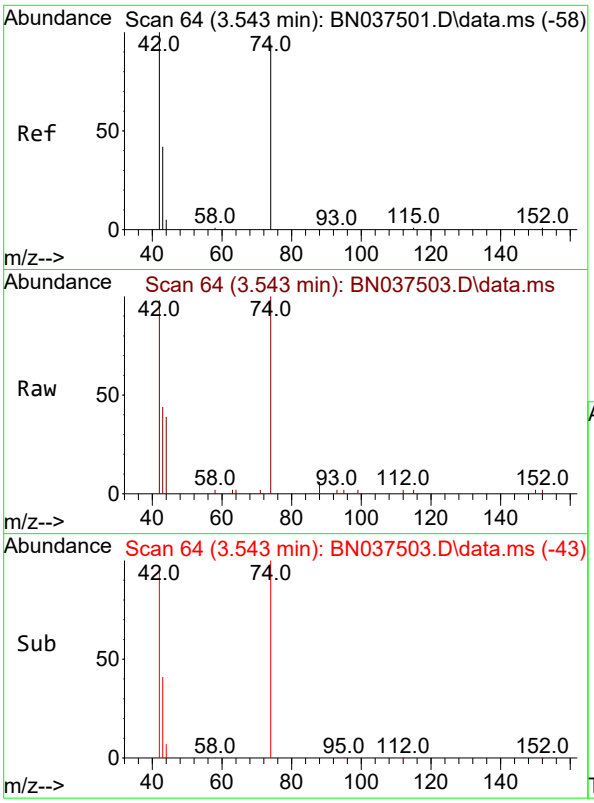


#2
1,4-Dioxane
Concen: 1.657 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion: 88 Resp: 3392

Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.5	41.3
58	78.8	62.7	94.1



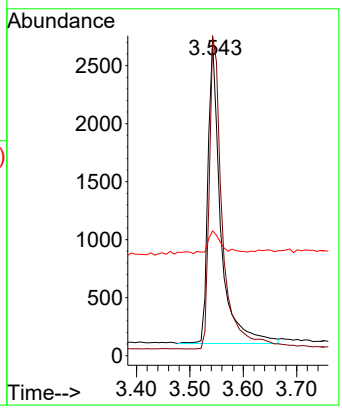


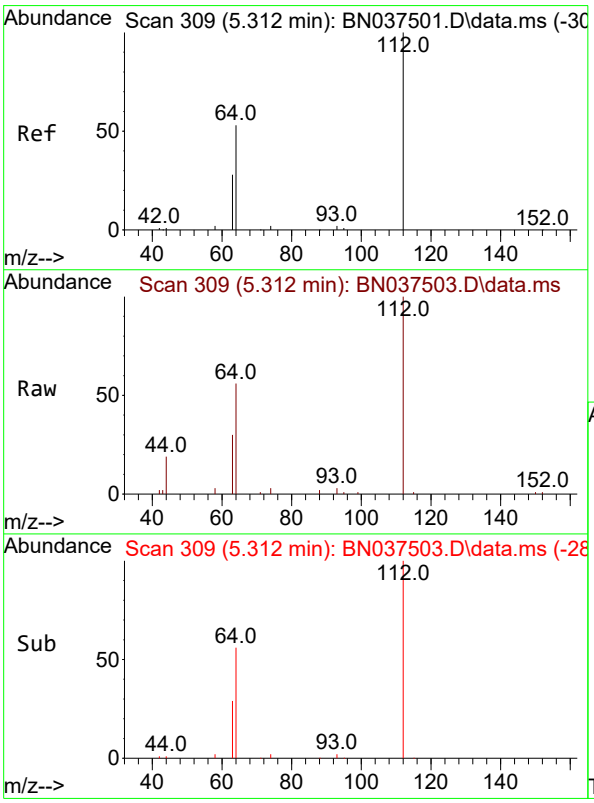
#3
n-Nitrosodimethylamine
Concen: 1.681 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4327

Ion	Ratio	Lower	Upper
42	100		
74	106.7	91.8	137.6
44	8.3	15.0	22.6#

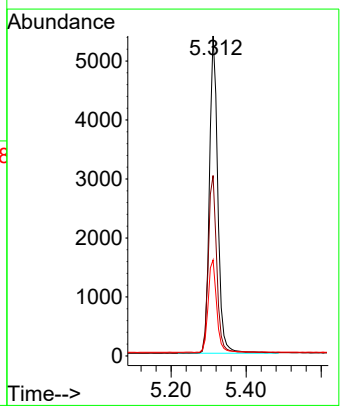


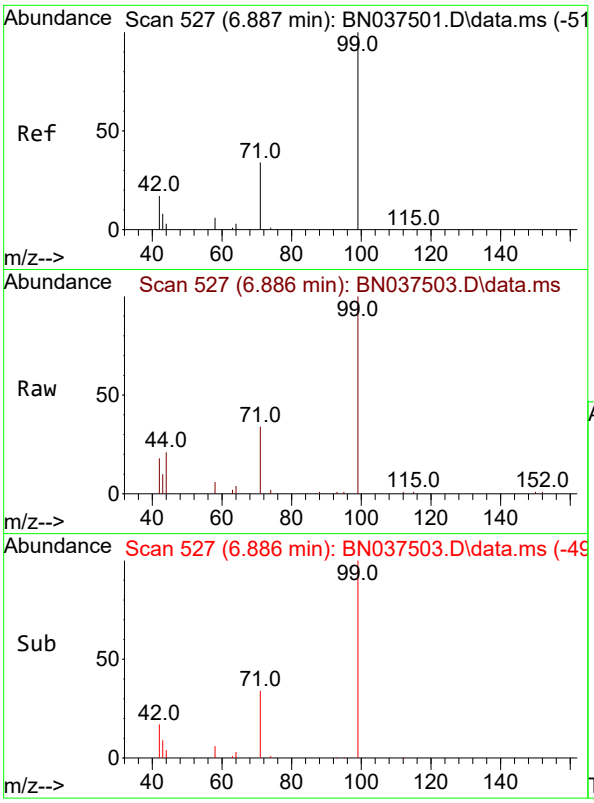


#4
2-Fluorophenol
Concen: 1.588 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:112 Resp: 8362

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.1	67.7
63	29.9	23.8	35.8



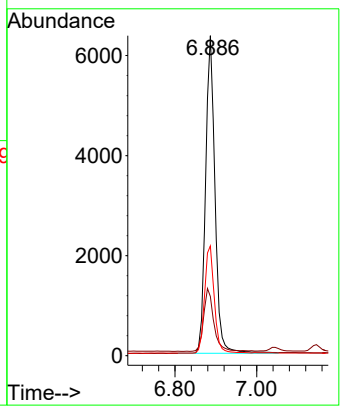


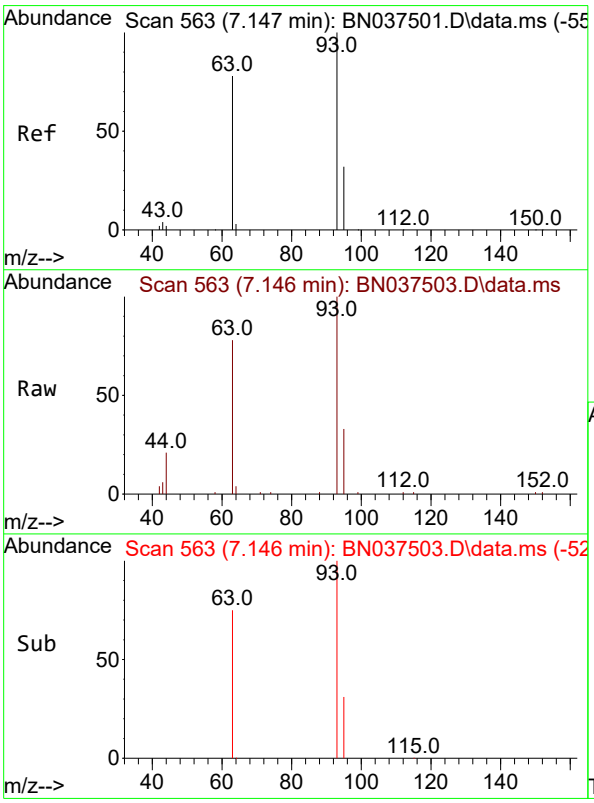
#5
Phenol-d6
Concen: 1.548 ng
RT: 6.886 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 10225

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.1	25.7
71	34.7	27.8	41.8

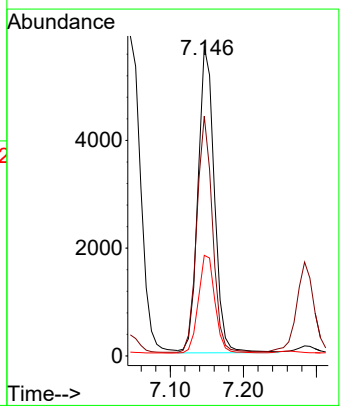


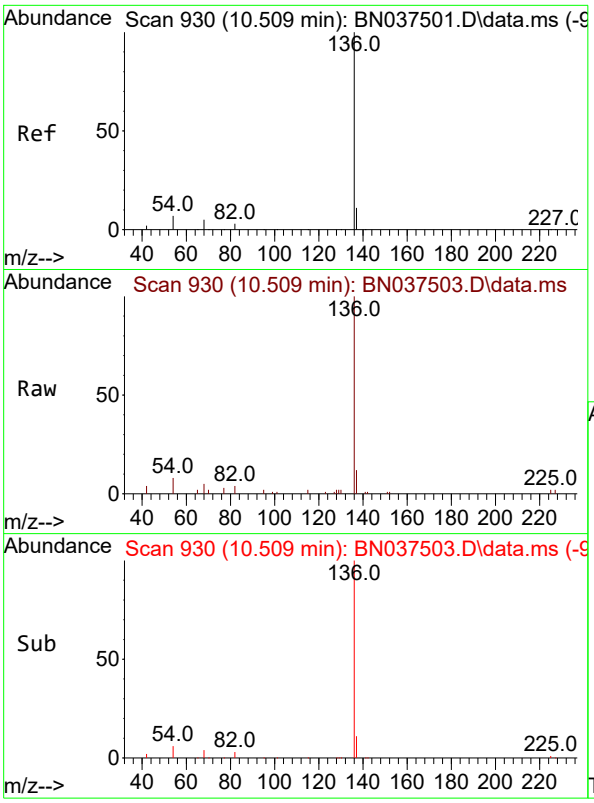


#6
bis(2-Chloroethyl)ether
Concen: 1.607 ng
RT: 7.146 min Scan# 563
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion: 93 Resp: 8832

Ion	Ratio	Lower	Upper
93	100		
63	73.9	58.2	87.4
95	32.4	25.3	37.9



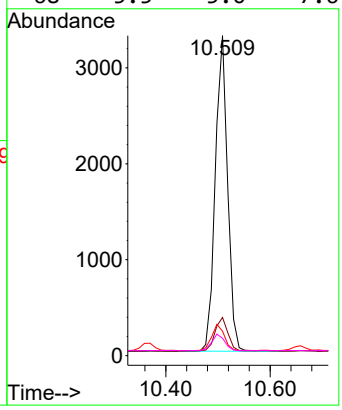


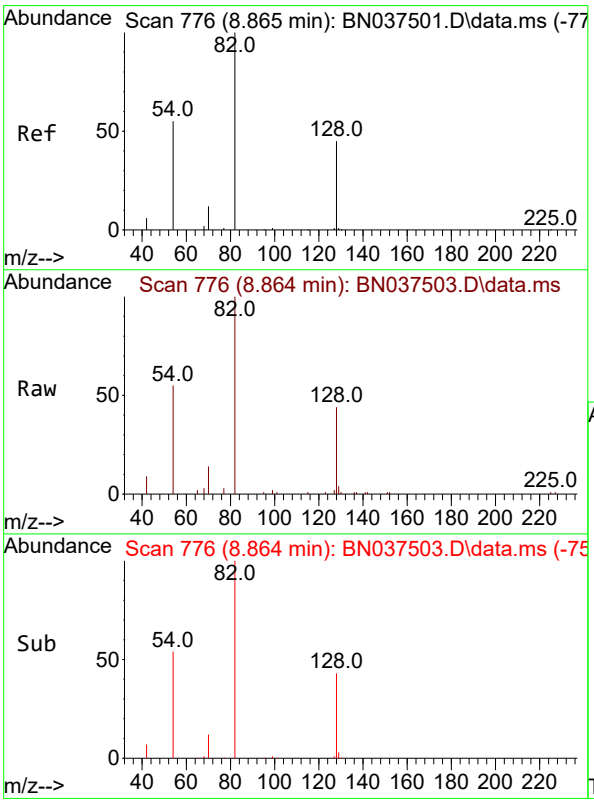
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 5384

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	7.7	6.6	9.8
68	5.5	5.0	7.6

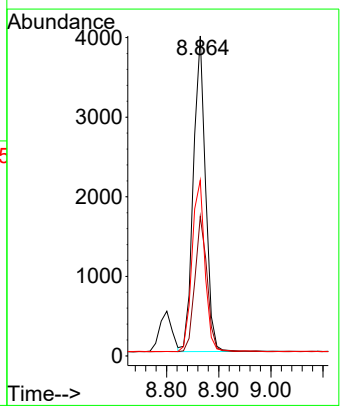


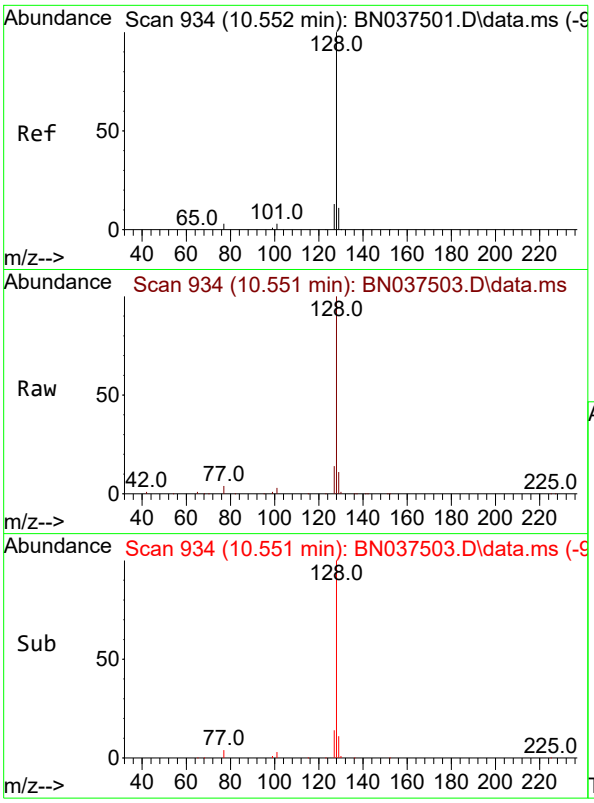


#8
Nitrobenzene-d5
Concen: 1.604 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion: 82 Resp: 6457

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.5	56.3
54	54.9	45.3	67.9



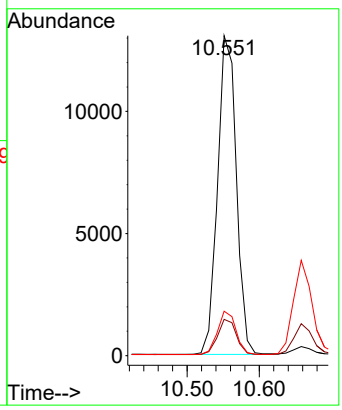


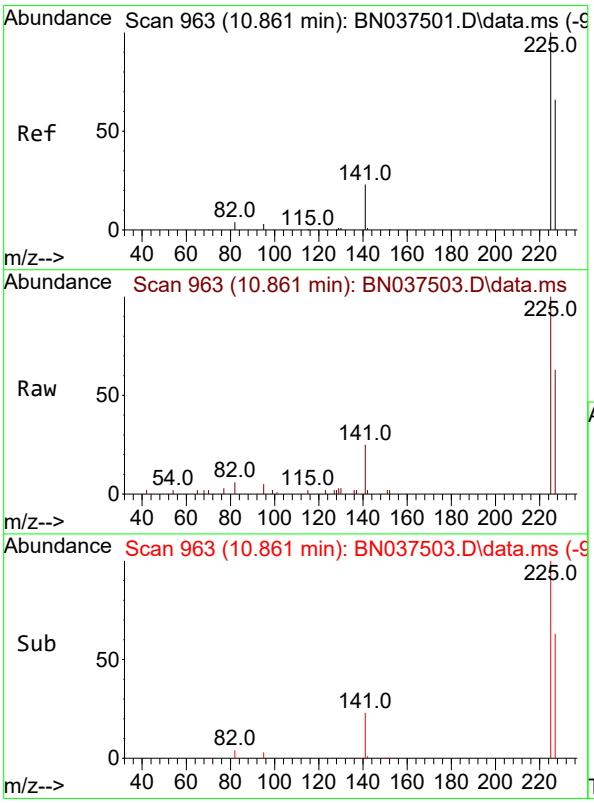
#9
Naphthalene
Concen: 1.636 ng
RT: 10.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 23495

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.9	11.5	17.3

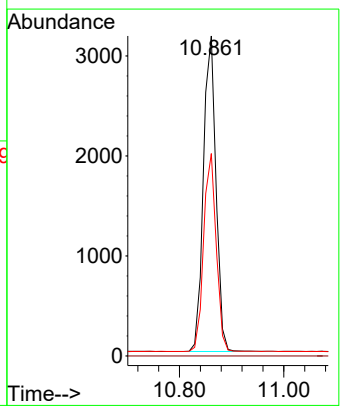


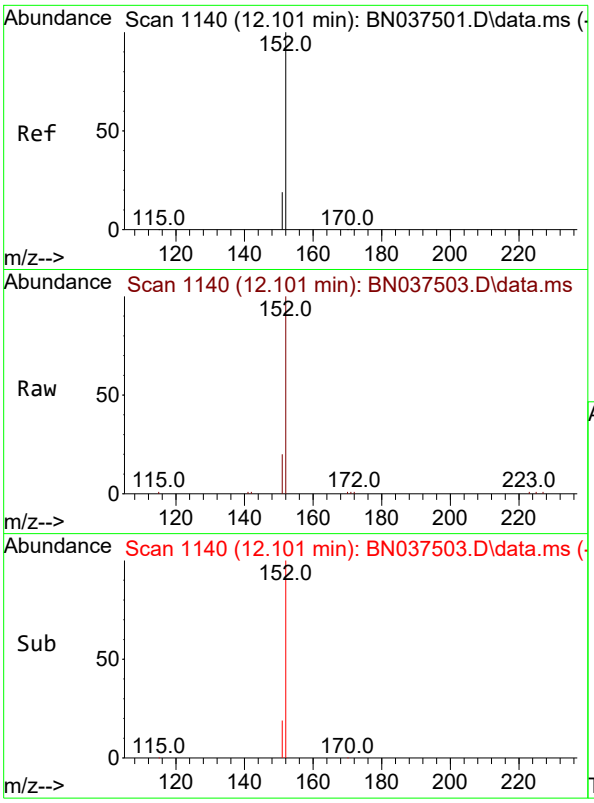


#10
Hexachlorobutadiene
Concen: 1.663 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:225 Resp: 5277

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	51.0	76.4



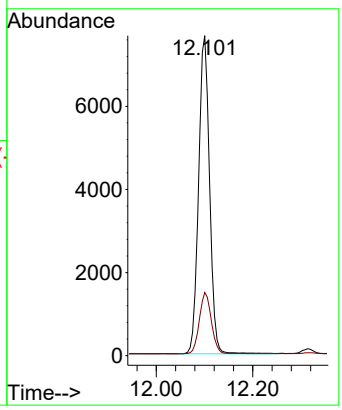


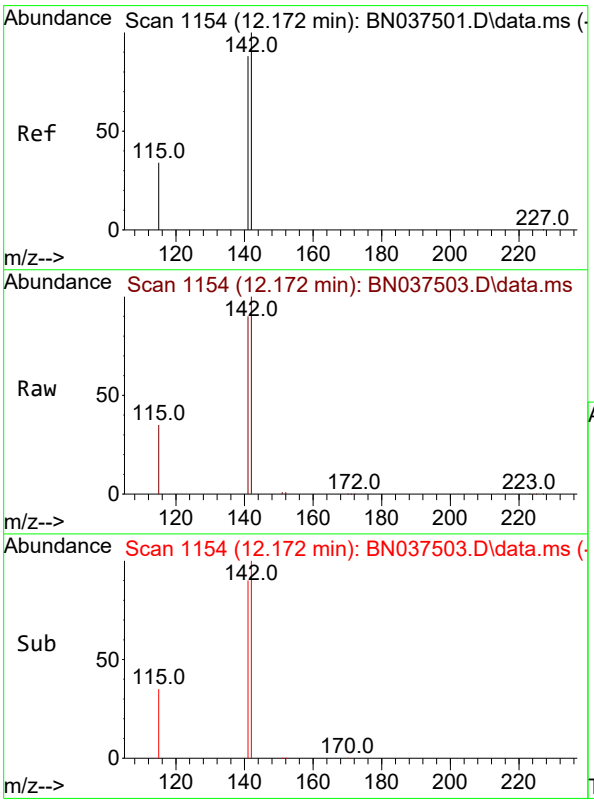
#11
2-Methylnaphthalene-d10
Concen: 1.566 ng
RT: 12.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 12096

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2

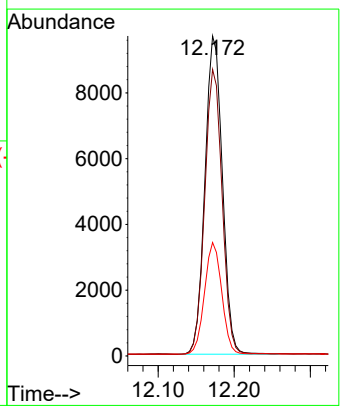


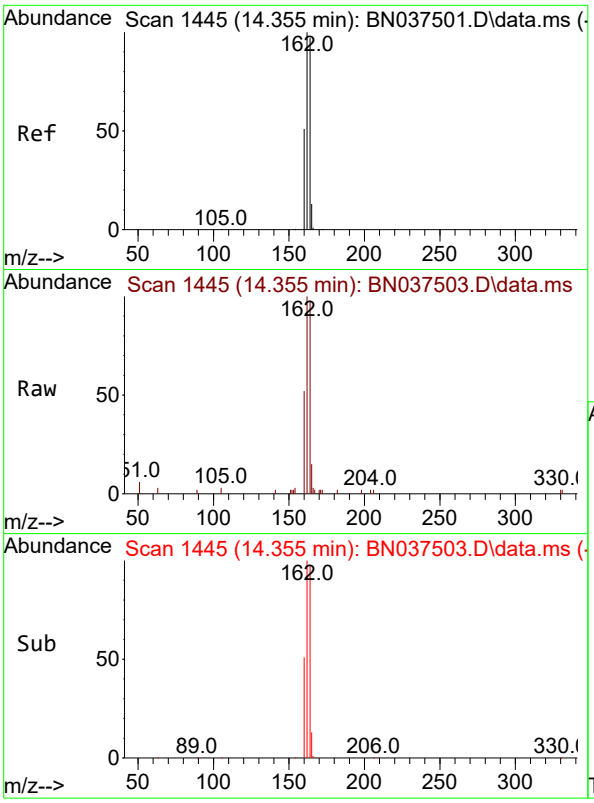


#12
2-Methylnaphthalene
Concen: 1.632 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:142 Resp: 15410

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.4
115	35.4	29.0	43.4



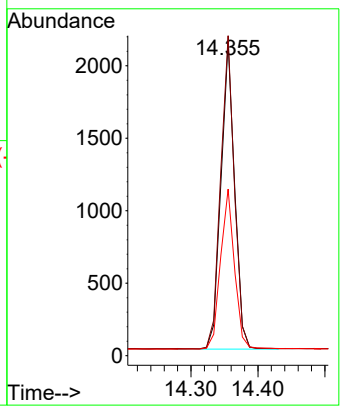


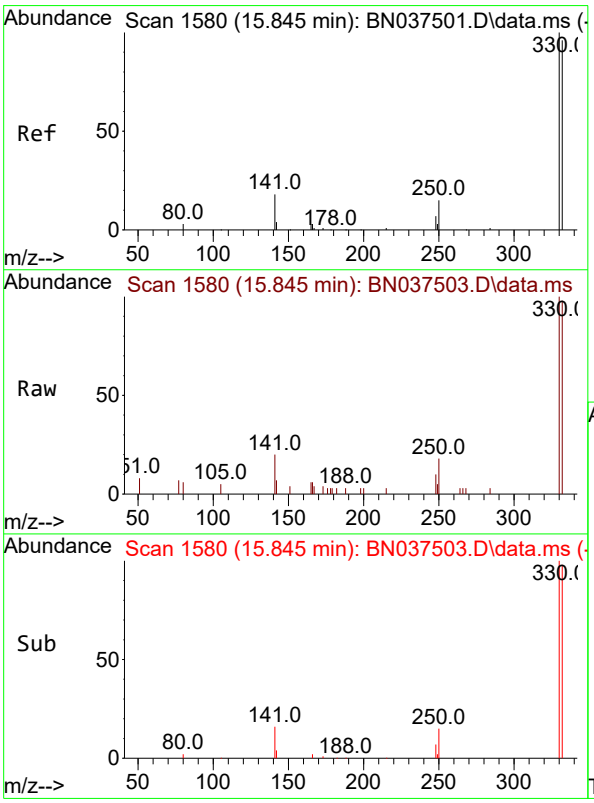
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 3005

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.0	123.0
160	53.1	42.4	63.6

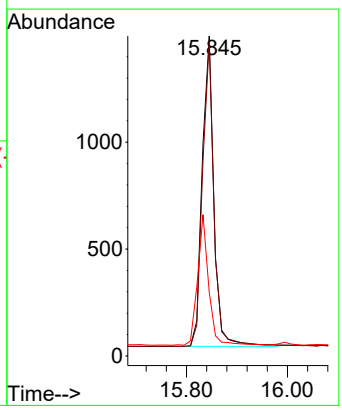


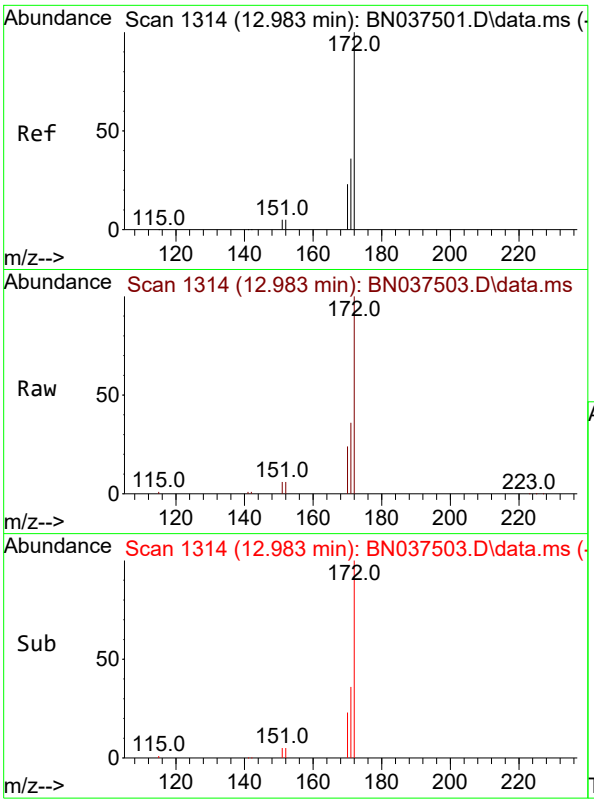


#14
2,4,6-Tribromophenol
Concen: 1.578 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:330 Resp: 2331

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.1	114.1
141	40.0	33.4	50.0



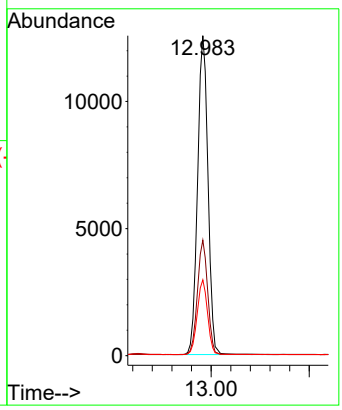


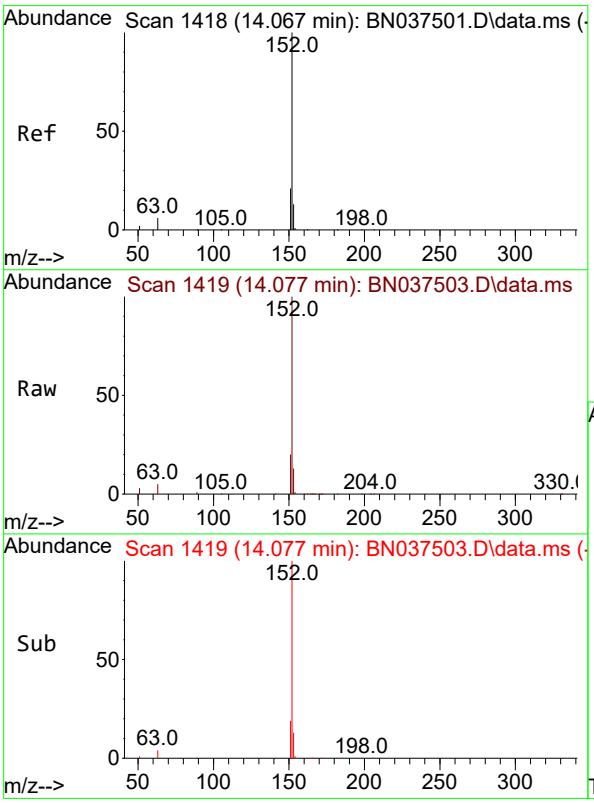
#15
2-Fluorobiphenyl
Concen: 1.751 ng
RT: 12.983 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 27369

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	23.7	19.4	29.0

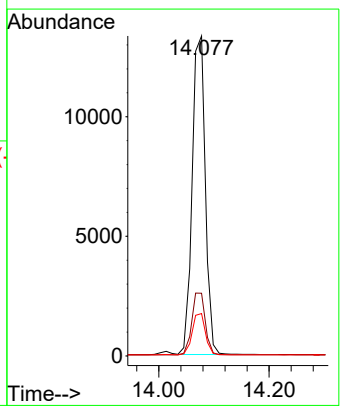


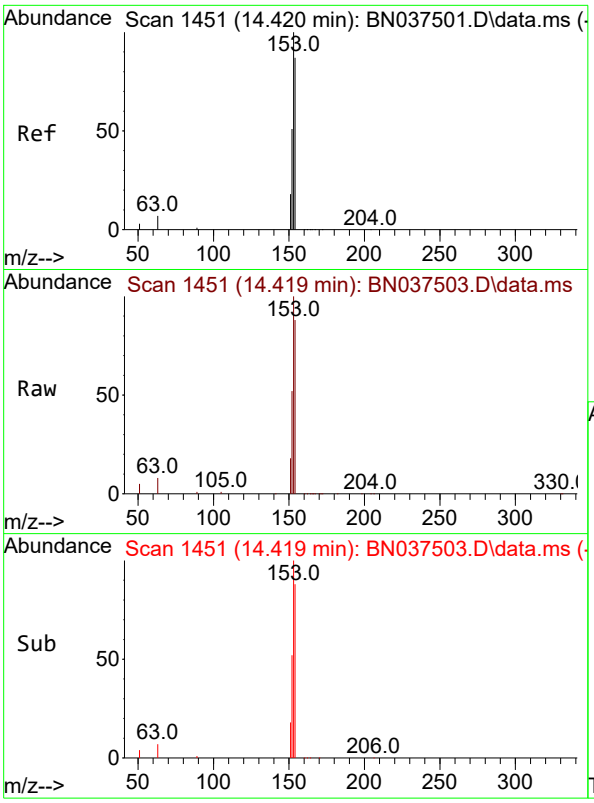


#16
Acenaphthylene
Concen: 1.635 ng
RT: 14.077 min Scan# 1419
Delta R.T. 0.011 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:152 Resp: 22002

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.7	16.1



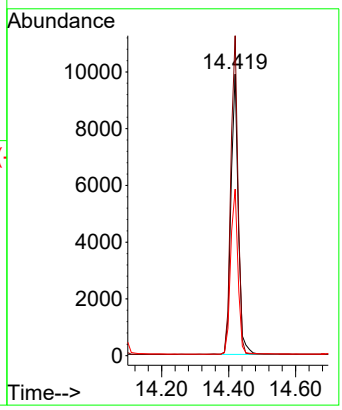


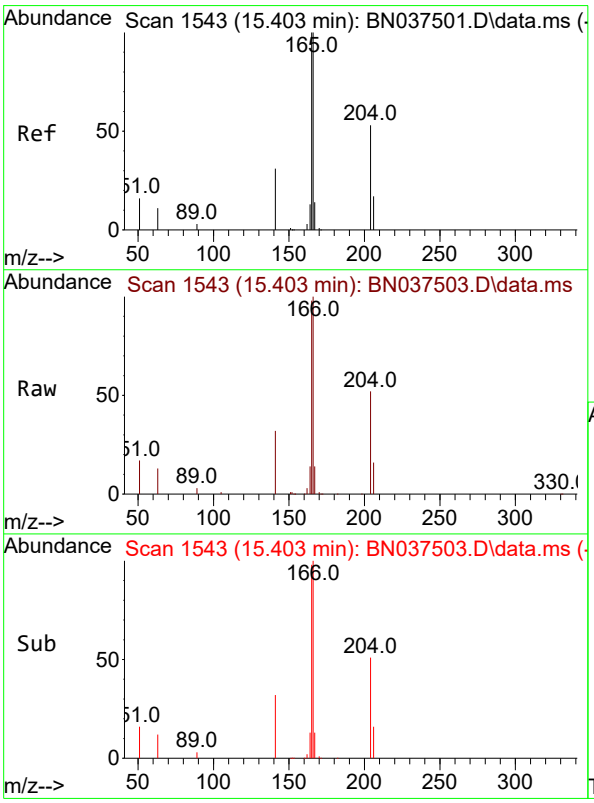
#17
Acenaphthene
Concen: 1.625 ng
RT: 14.419 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 14877

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.2	133.8
152	59.5	48.0	72.0

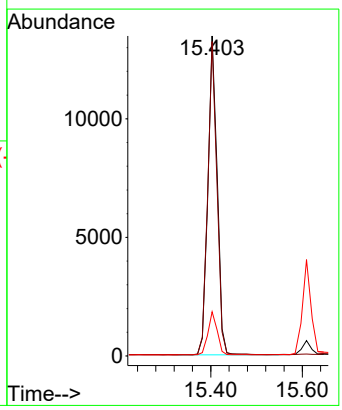


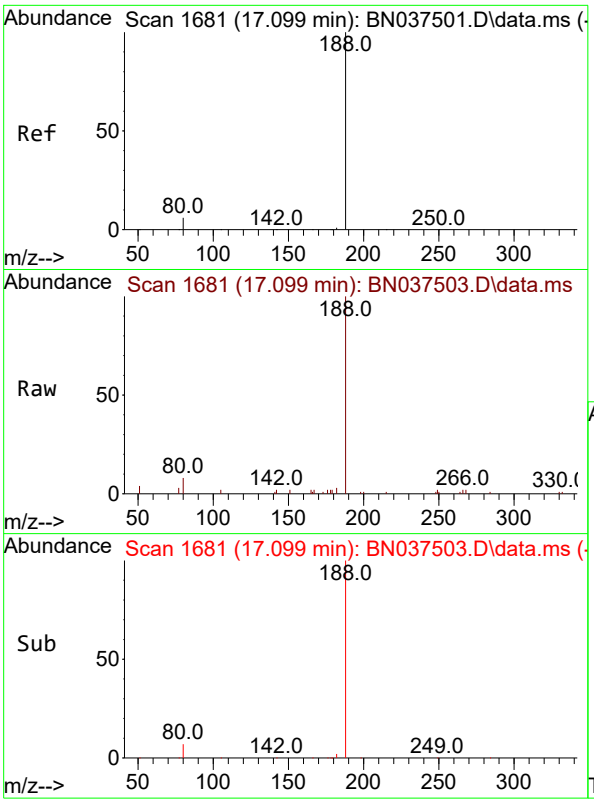


#18
Fluorene
Concen: 1.638 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:166 Resp: 19298

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.1	117.1
167	13.1	11.0	16.6



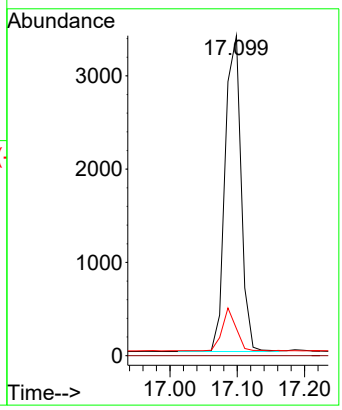


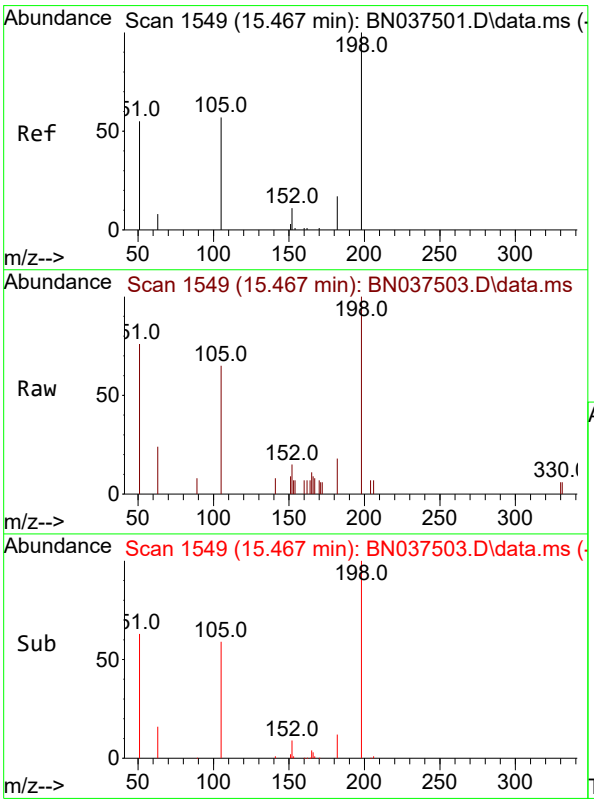
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 5542

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.0	9.0

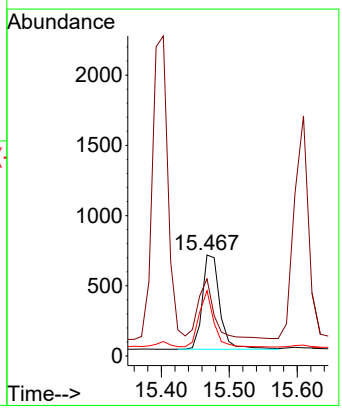


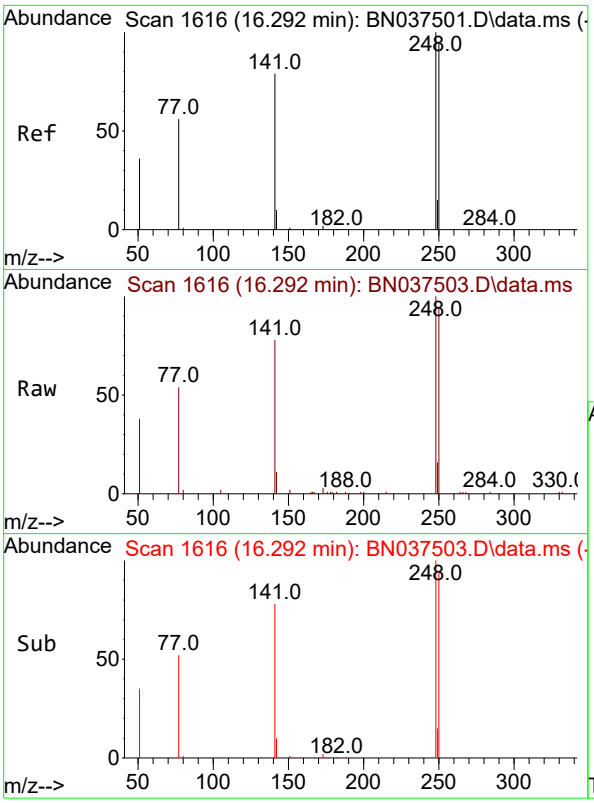


#20
4,6-Dinitro-2-methylphenol
Concen: 1.576 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:198 Resp: 1268

Ion	Ratio	Lower	Upper
198	100		
51	76.5	88.5	132.7#
105	64.7	61.2	91.8



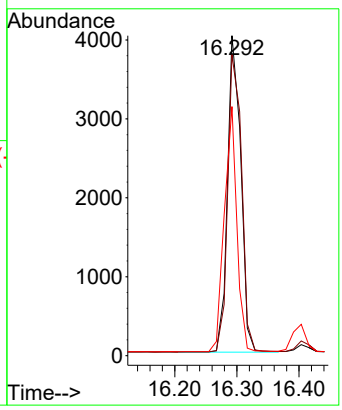


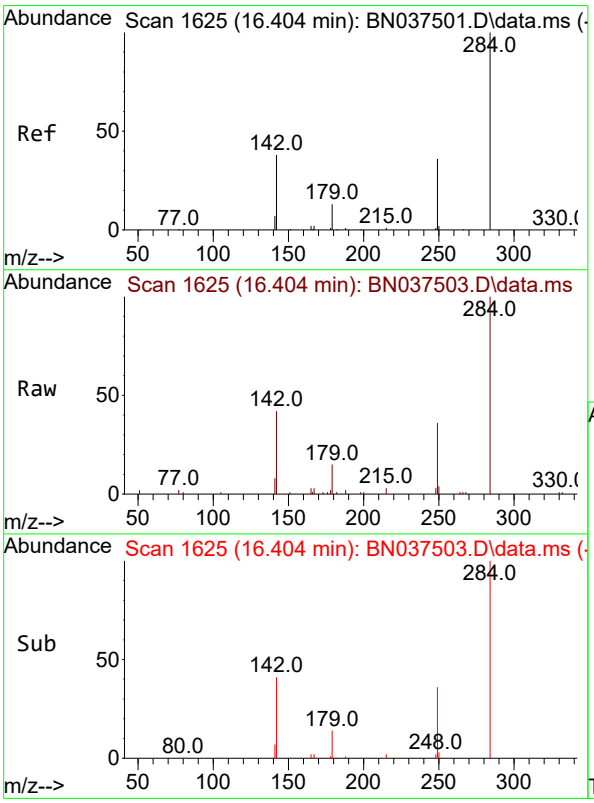
#21
4-Bromophenyl-phenylether
Concen: 1.674 ng
RT: 16.292 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 5943

Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.2	114.2
141	77.8	63.9	95.9

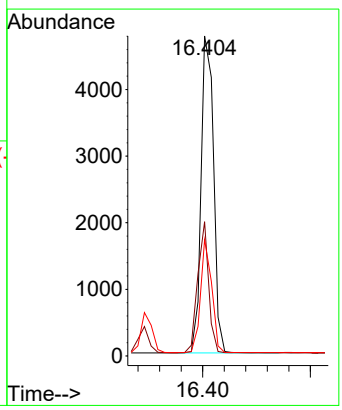


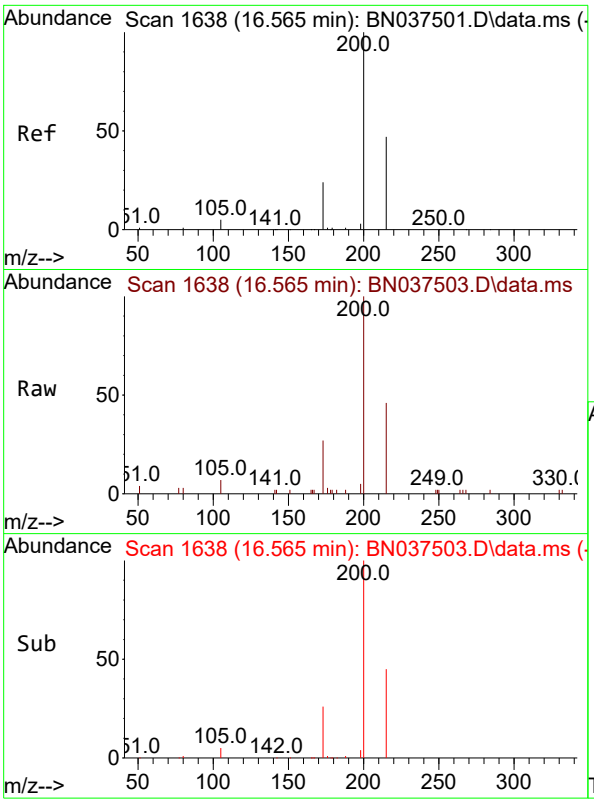


#22
Hexachlorobenzene
Concen: 1.668 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:284 Resp: 7650

Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.9	43.3
249	32.1	25.8	38.6



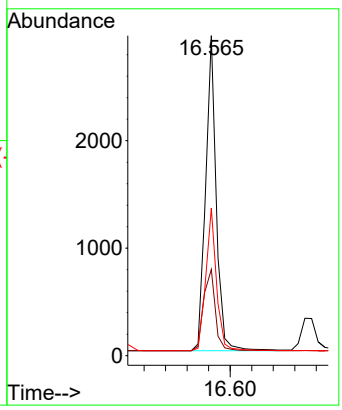


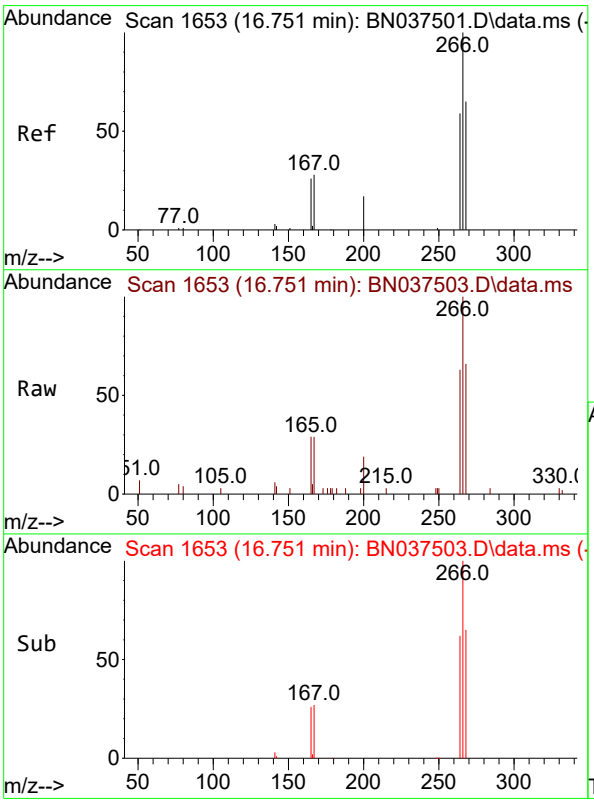
#23
Atrazine
Concen: 1.621 ng
RT: 16.565 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 4016

Ion	Ratio	Lower	Upper
200	100		
173	27.0	23.2	34.8
215	46.1	40.2	60.4

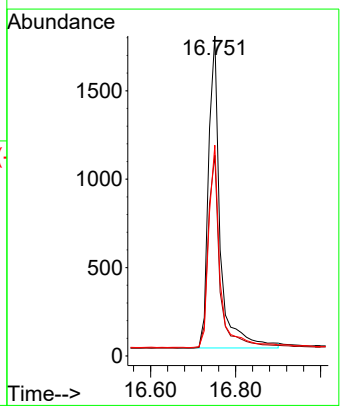


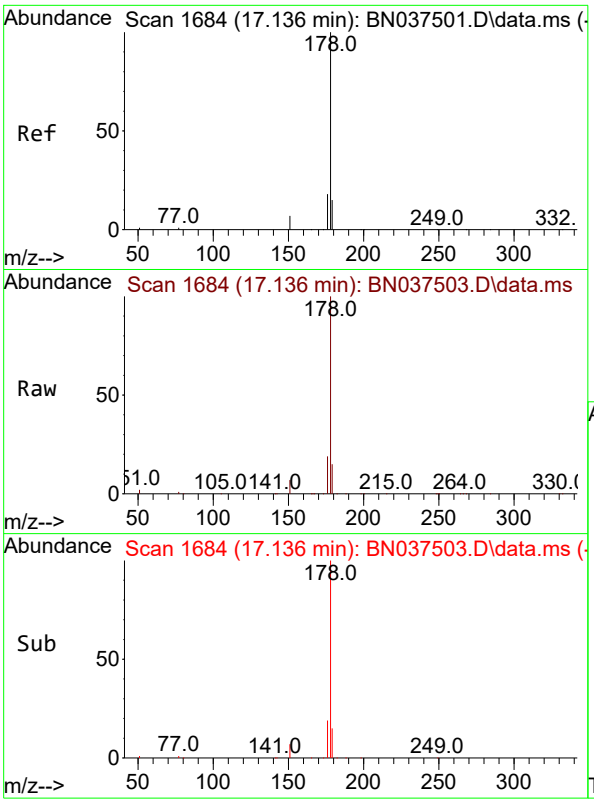


#24
Pentachlorophenol
Concen: 1.627 ng
RT: 16.751 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:266 Resp: 3347

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.3	73.9
268	64.1	51.6	77.4



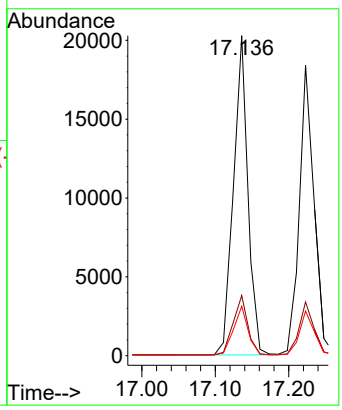


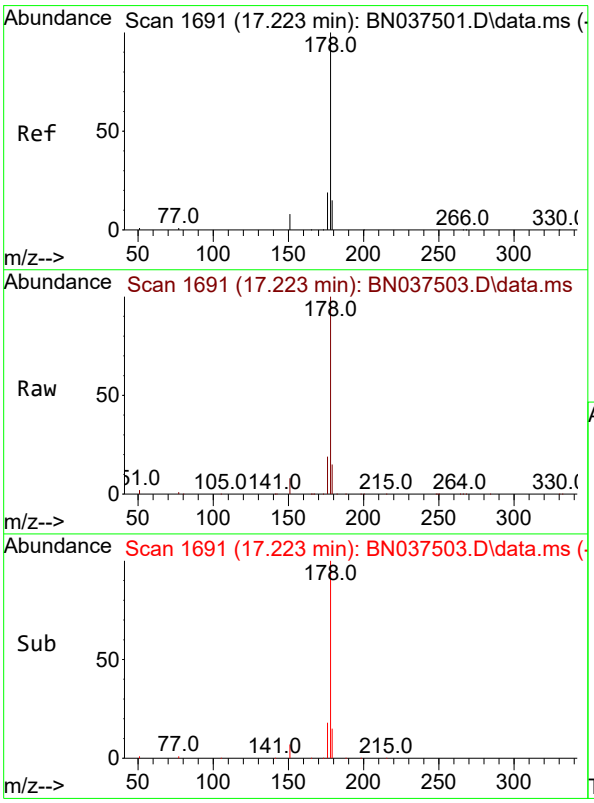
#25
Phenanthrene
Concen: 1.666 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 27669

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.2	18.2

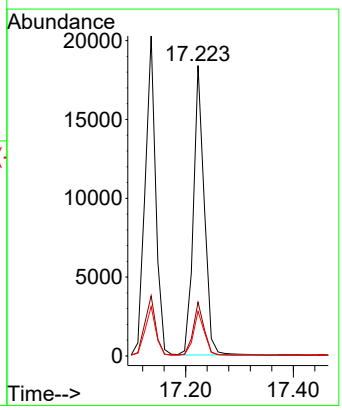


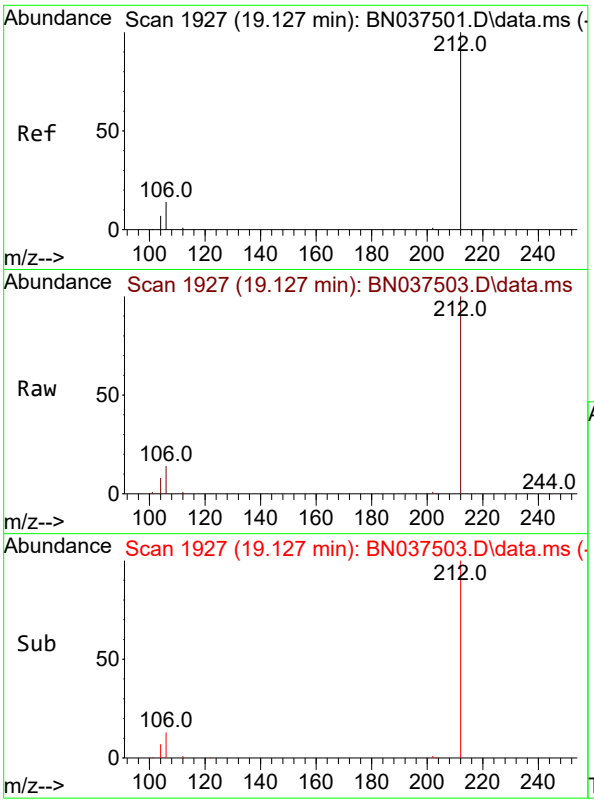


#26
Anthracene
Concen: 1.697 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:178 Resp: 25717

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.3	12.3	18.5



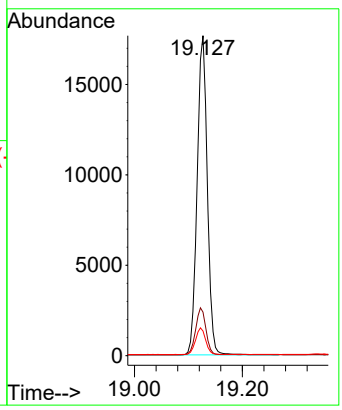


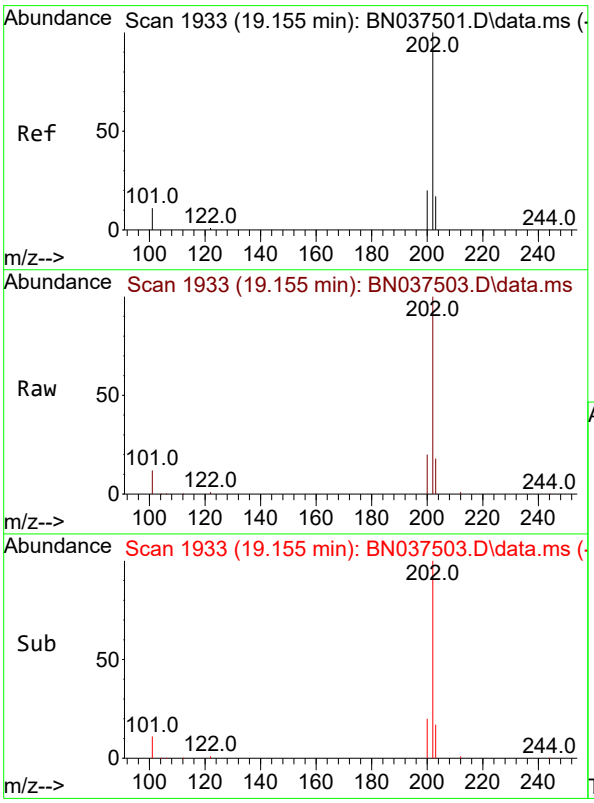
#27
Fluoranthene-d10
Concen: 1.572 ng
RT: 19.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 23071

Ion	Ratio	Lower	Upper
212	100		
106	14.8	12.2	18.4
104	8.3	6.7	10.1

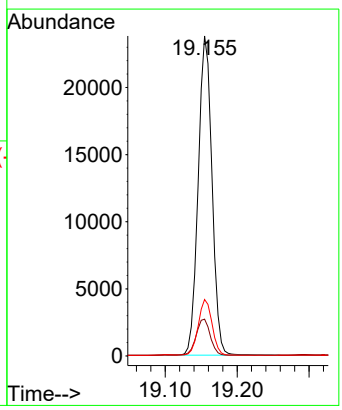


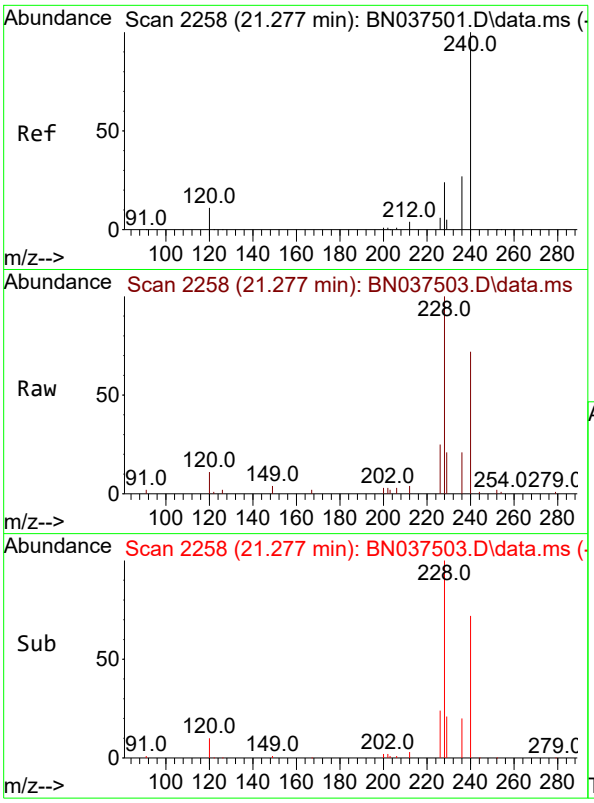


#28
Fluoranthene
Concen: 1.654 ng
RT: 19.155 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:202 Resp: 31674

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	17.3	13.6	20.4



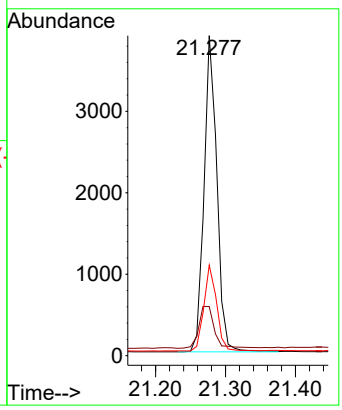


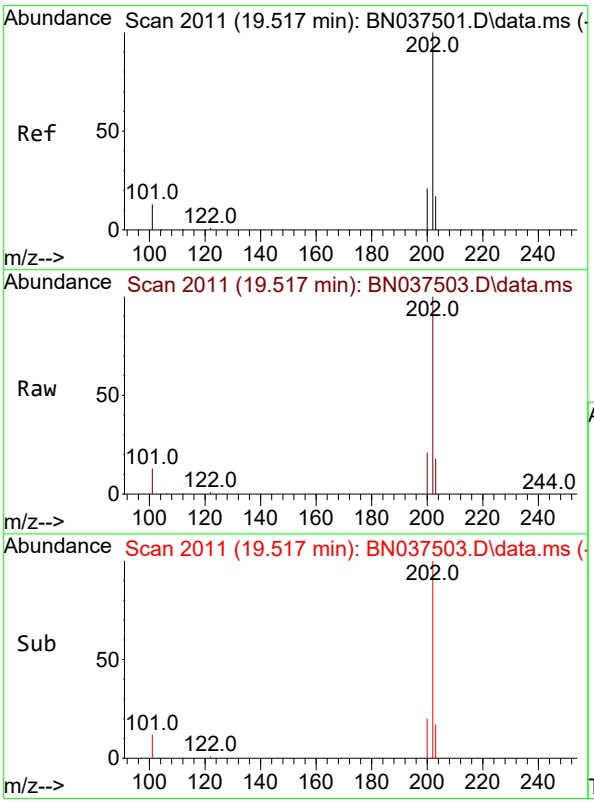
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 4955

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.7	16.1
236	28.3	22.6	33.8

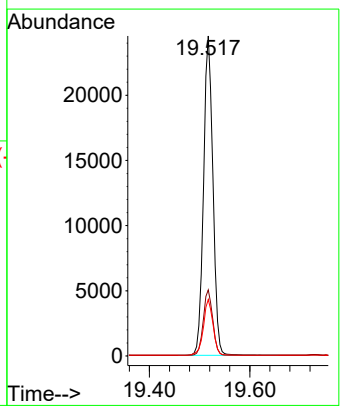


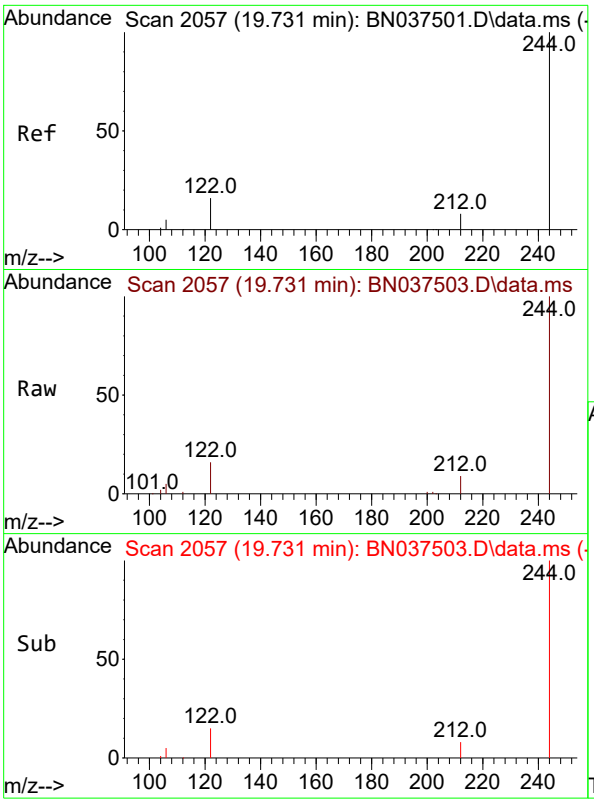


#30
Pyrene
Concen: 1.596 ng
RT: 19.517 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:202 Resp: 31858

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	14.3	21.5



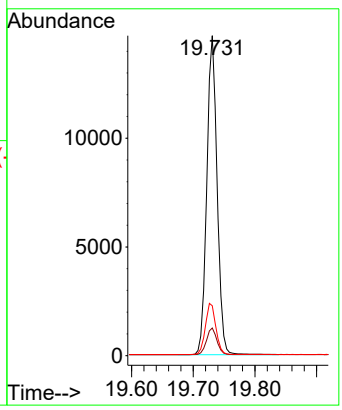


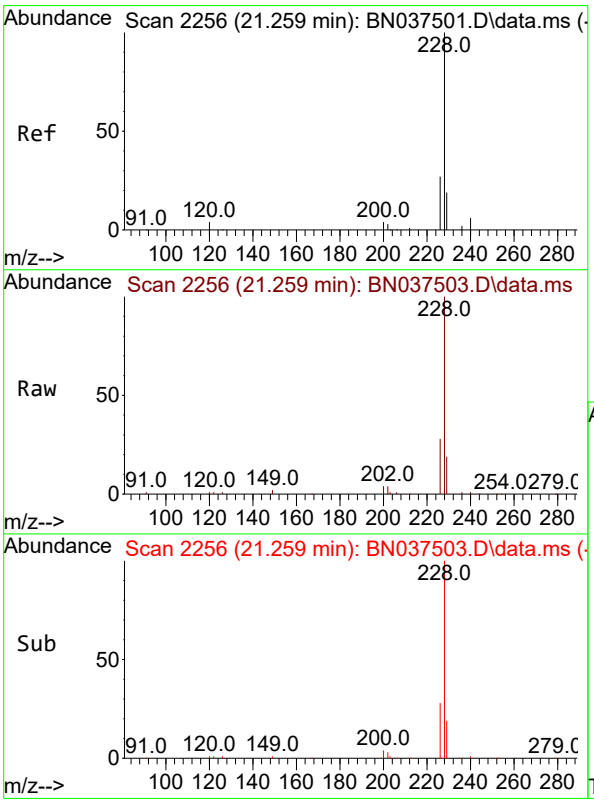
#31
Terphenyl-d14
Concen: 1.591 ng
RT: 19.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 16936

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	15.6	13.6	20.4

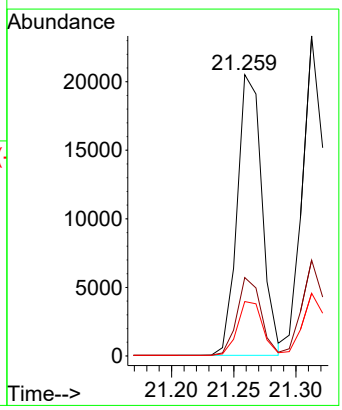


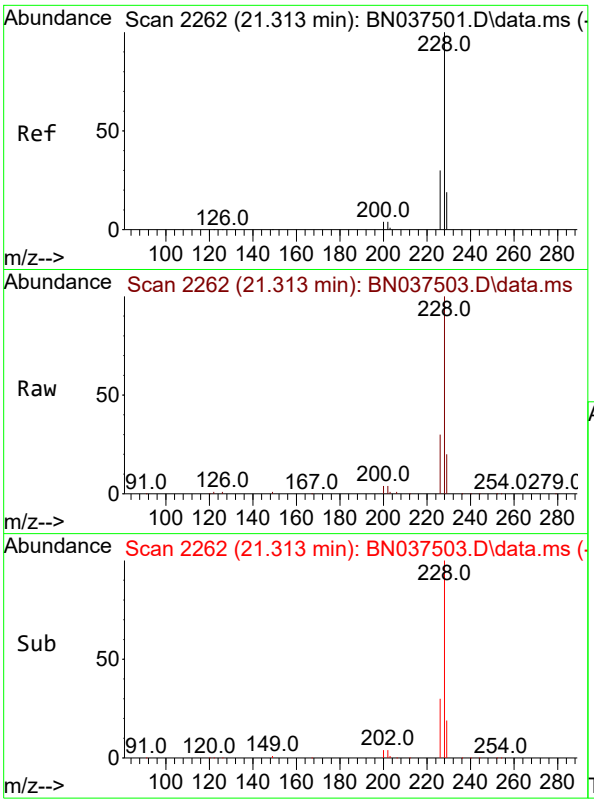


#32
Benzo(a)anthracene
Concen: 1.632 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:228 Resp: 28317

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.9	32.9
229	19.3	15.8	23.8



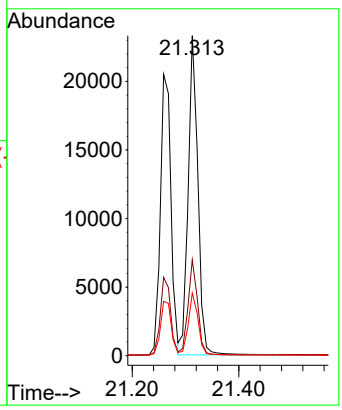


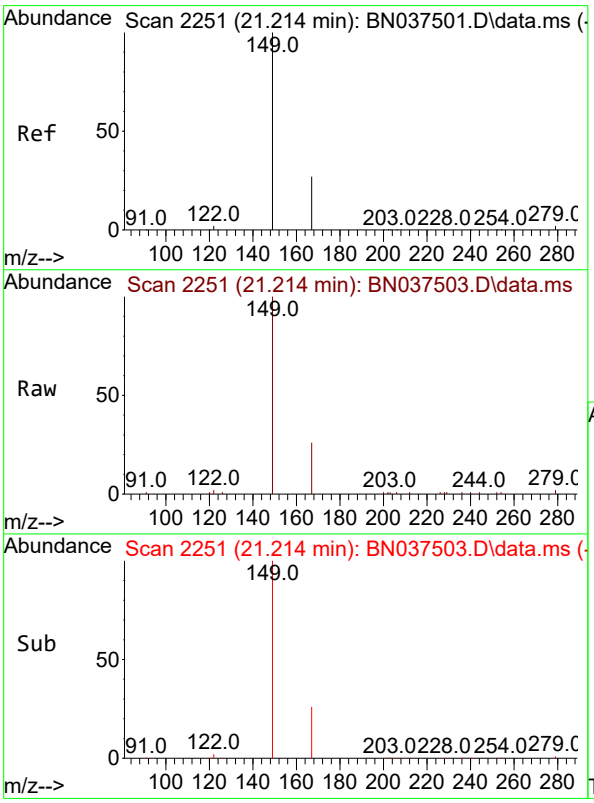
#33
Chrysene
Concen: 1.632 ng
RT: 21.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 29489

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.6	16.1	24.1

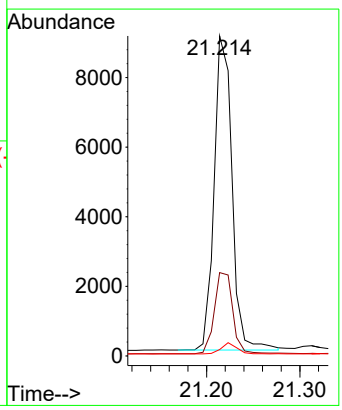


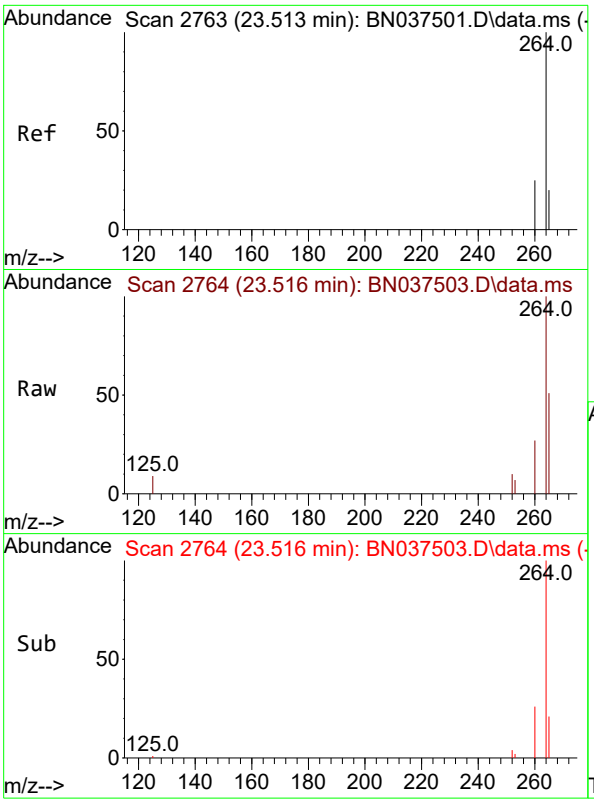


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.532 ng
RT: 21.214 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:149 Resp: 11959

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.8
279	3.1	3.0	4.4



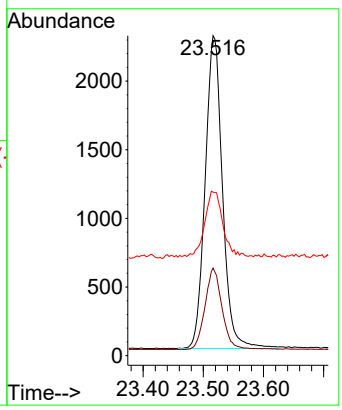


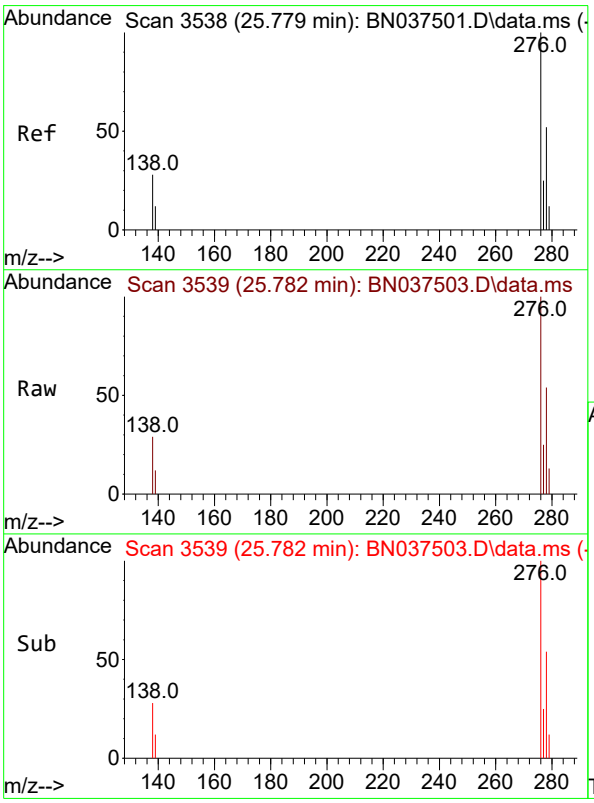
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 4551

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.2	31.8
265	51.1	40.4	60.6

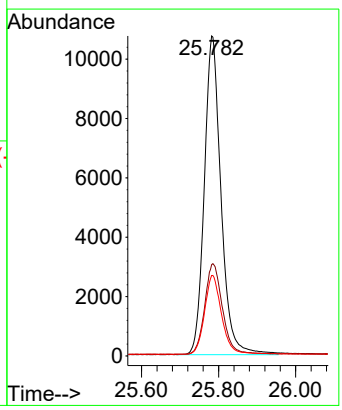


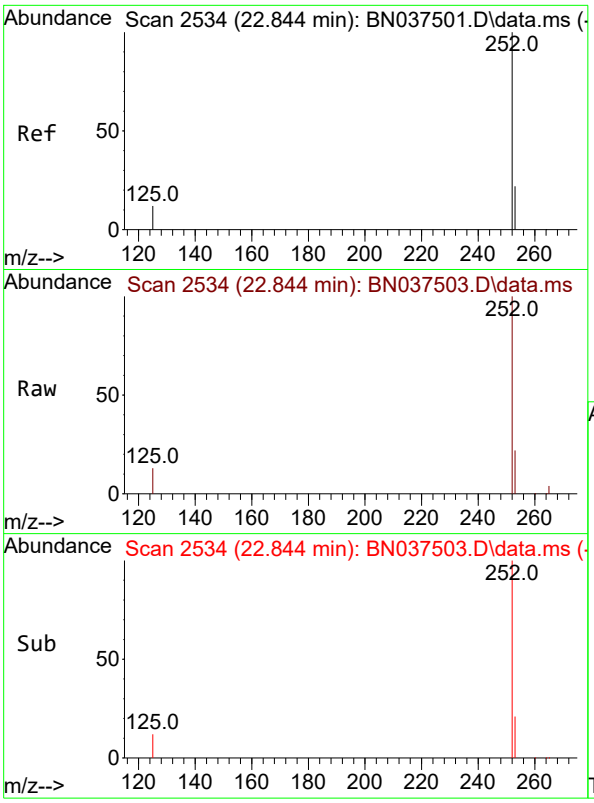


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.701 ng
RT: 25.782 min Scan# 3539
Delta R.T. 0.003 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:276 Resp: 32244

Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.0	36.0
277	25.1	20.5	30.7



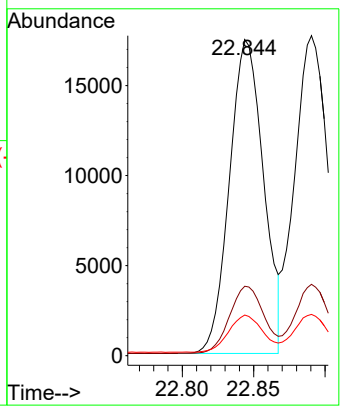


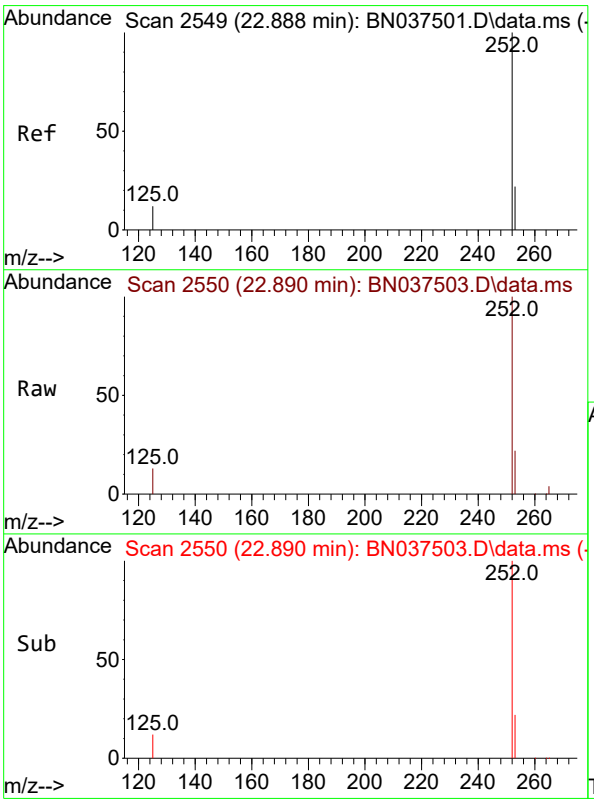
#37
Benzo(b)fluoranthene
Concen: 1.675 ng
RT: 22.844 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 28933

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.5	29.3
125	12.9	13.0	19.6#

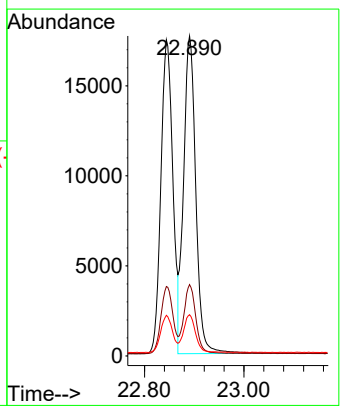


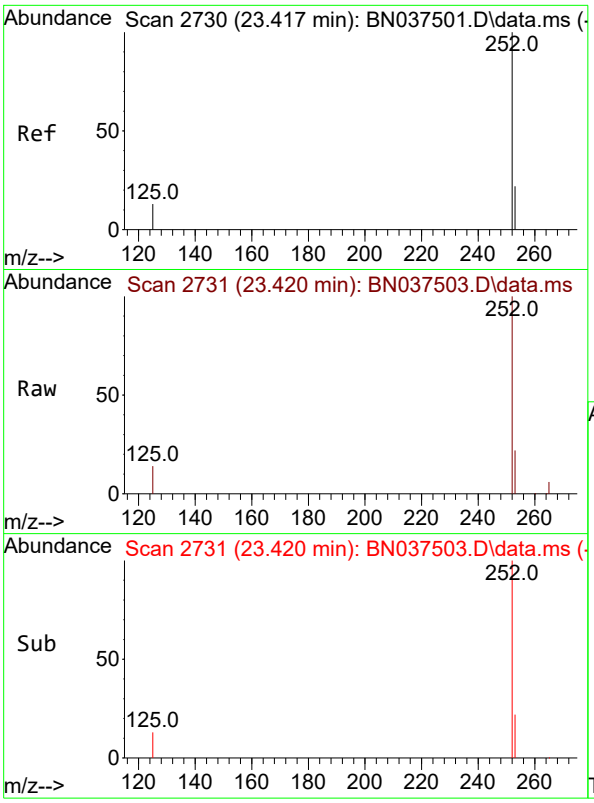


#38
Benzo(k)fluoranthene
Concen: 1.696 ng
RT: 22.890 min Scan# 2550
Delta R.T. 0.003 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:252 Resp: 30228

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.5	29.3
125	12.9	13.1	19.7#



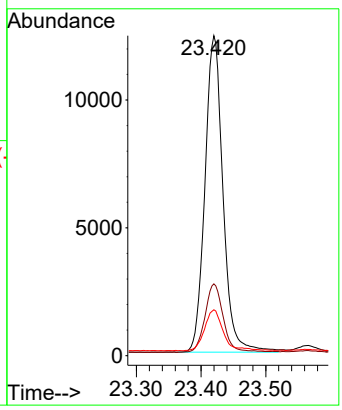


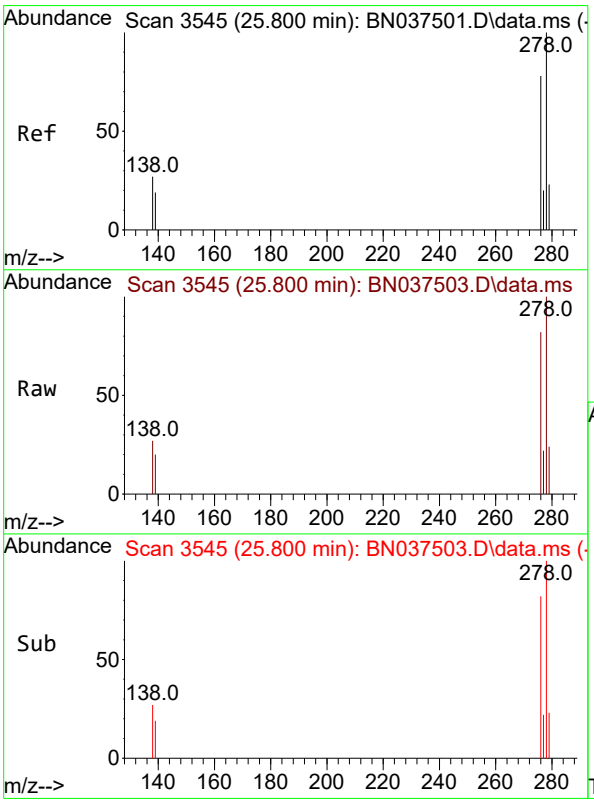
#39
Benzo(a)pyrene
Concen: 1.668 ng
RT: 23.420 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 24034

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.9	29.9
125	14.3	15.2	22.8#

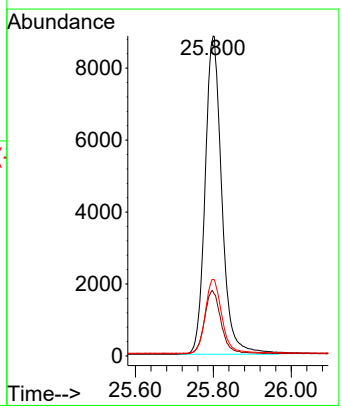


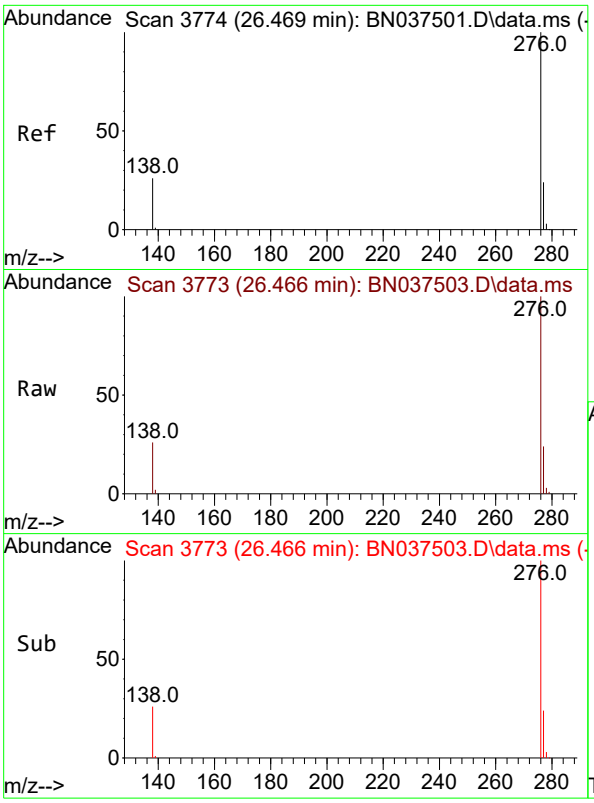


#40
Dibenzo(a,h)anthracene
Concen: 1.712 ng
RT: 25.800 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Tgt Ion:278 Resp: 26285

Ion	Ratio	Lower	Upper
278	100		
139	20.0	17.5	26.3
279	23.9	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 1.697 ng
RT: 26.466 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037503.D
Acq: 15 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 26971

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.9	31.3
138	26.1	22.6	33.8