Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037403.D
Acq On : 26 Jun 2025 21:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 27 03:00:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

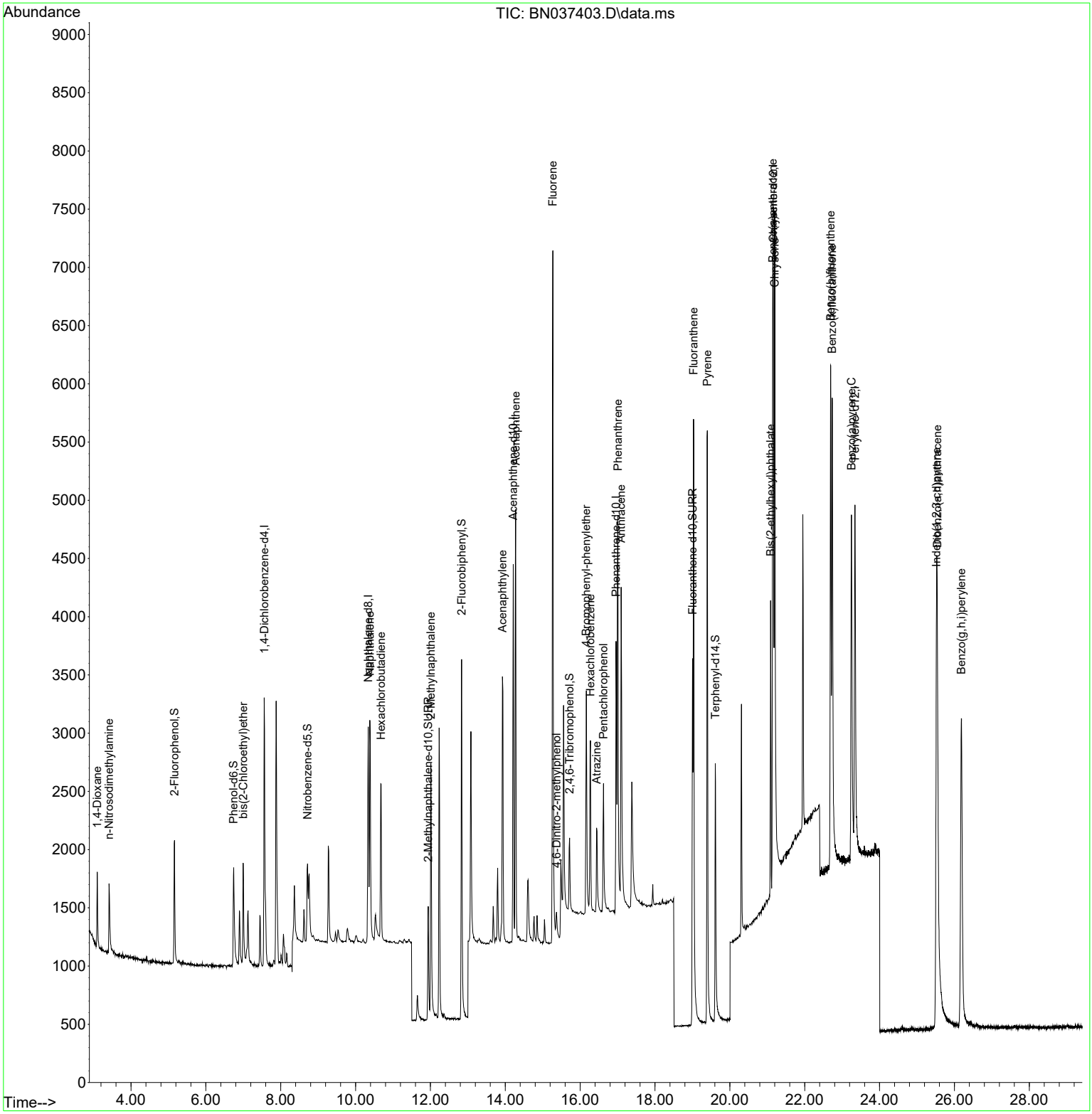
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	1253	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	2741	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	1842	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	3978	0.400	ng		0.00
29) Chrysene-d12	21.162	240	3956	0.400	ng		0.00
35) Perylene-d12	23.342	264	4281	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	939	0.389	ng		0.00
5) Phenol-d6	6.744	99	980	0.391	ng		0.00
8) Nitrobenzene-d5	8.717	82	824	0.375	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	1618	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	532	0.492	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	3183	0.400	ng		0.00
27) Fluoranthene-d10	19.003	212	4555	0.400	ng		0.00
31) Terphenyl-d14	19.611	244	3431	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	467	0.393	ng		96
3) n-Nitrosodimethylamine	3.415	42	469	0.400	ng	#	90
6) bis(2-Chloroethyl)ether	6.997	93	828	0.372	ng		95
9) Naphthalene	10.383	128	2760	0.391	ng		97
10) Hexachlorobutadiene	10.682	225	1242	0.443	ng	#	99
12) 2-Methylnaphthalene	12.011	142	1868	0.385	ng		95
16) Acenaphthylene	13.924	152	2920	0.382	ng		99
17) Acenaphthene	14.277	154	1878	0.376	ng		99
18) Fluorene	15.271	166	2778	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	15.368	198	435	0.426	ng		97
21) 4-Bromophenyl-phenylether	16.165	248	1143	0.407	ng		99
22) Hexachlorobenzene	16.276	284	1236	0.410	ng		97
23) Atrazine	16.438	200	901	0.405	ng	#	92
24) Pentachlorophenol	16.624	266	737	0.452	ng		94
25) Phenanthrene	17.009	178	4265	0.381	ng		100
26) Anthracene	17.095	178	3988	0.387	ng		99
28) Fluoranthene	19.031	202	5729	0.400	ng		99
30) Pyrene	19.398	202	5716	0.382	ng		100
32) Benzo(a)anthracene	21.144	228	4770	0.384	ng		99
33) Chrysene	21.197	228	6302	0.410	ng		99
34) Bis(2-ethylhexyl)phtha...	21.090	149	2069	0.420	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.520	276	7185	0.398	ng		97
37) Benzo(b)fluoranthene	22.690	252	5748	0.381	ng		99
38) Benzo(k)fluoranthene	22.734	252	6484	0.402	ng		99
39) Benzo(a)pyrene	23.249	252	5244	0.391	ng		96
40) Dibenzo(a,h)anthracene	25.541	278	5585	0.403	ng		98
41) Benzo(g,h,i)perylene	26.184	276	6411	0.387	ng		99

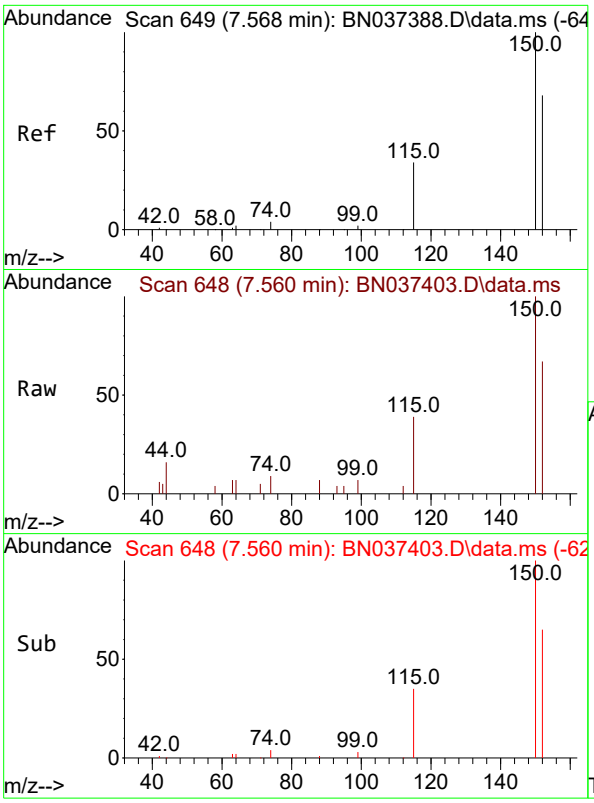
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037403.D
Acq On : 26 Jun 2025 21:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 27 03:00:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration



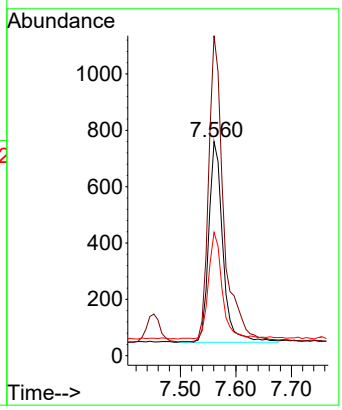


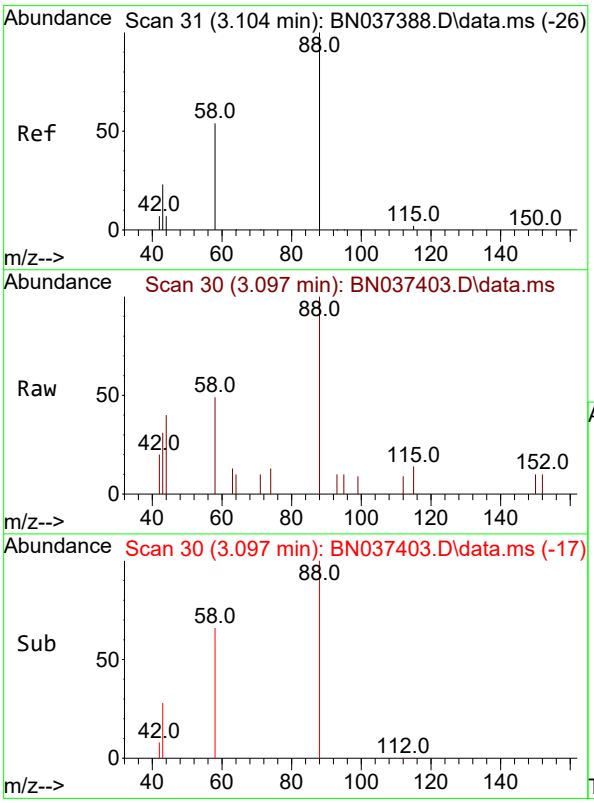
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.560 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1253

Ion	Ratio	Lower	Upper
152	100		
150	149.5	116.2	174.2
115	57.6	42.9	64.3

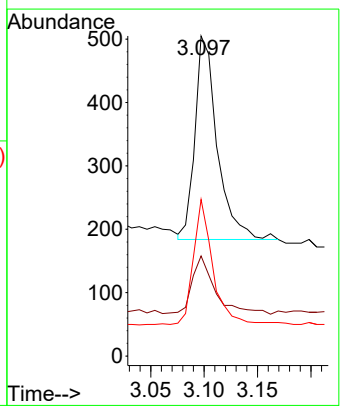


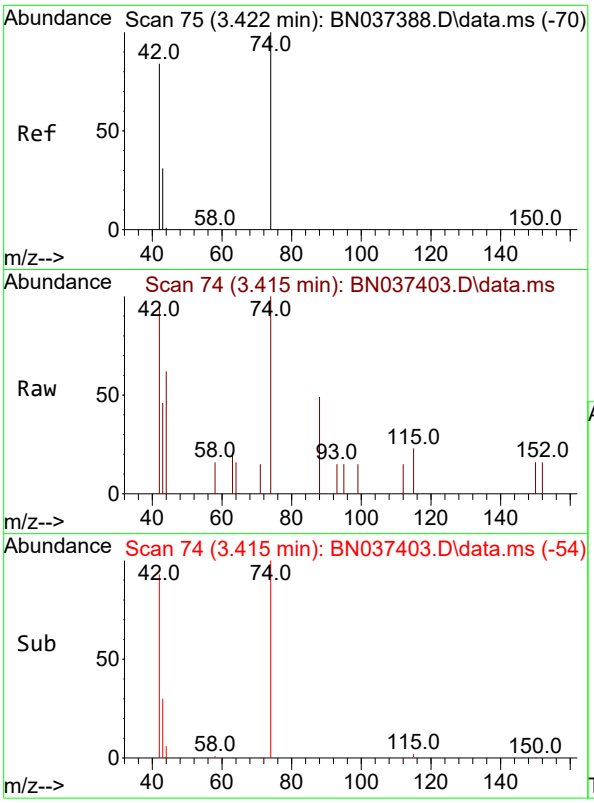


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion: 88 Resp: 467

Ion	Ratio	Lower	Upper
88	100		
43	29.6	21.6	32.4
58	54.8	45.9	68.9



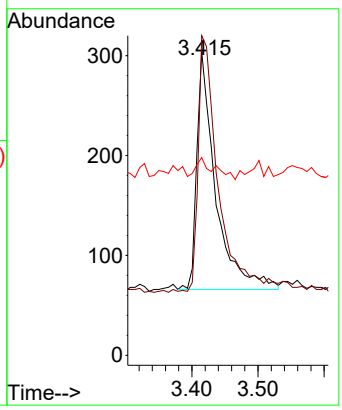


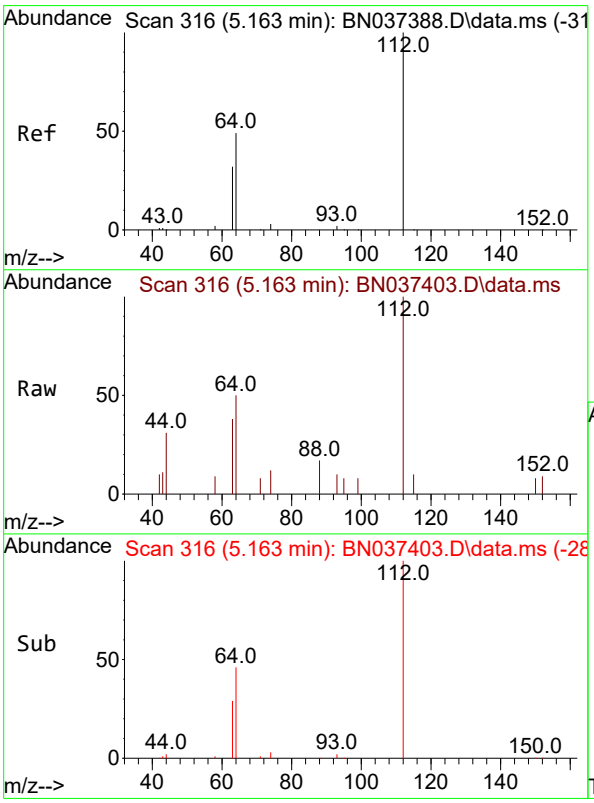
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.415 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 469

Ion	Ratio	Lower	Upper
42	100		
74	112.4	97.8	146.8
44	4.3	8.7	13.1#

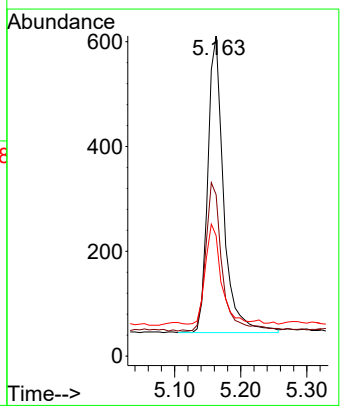


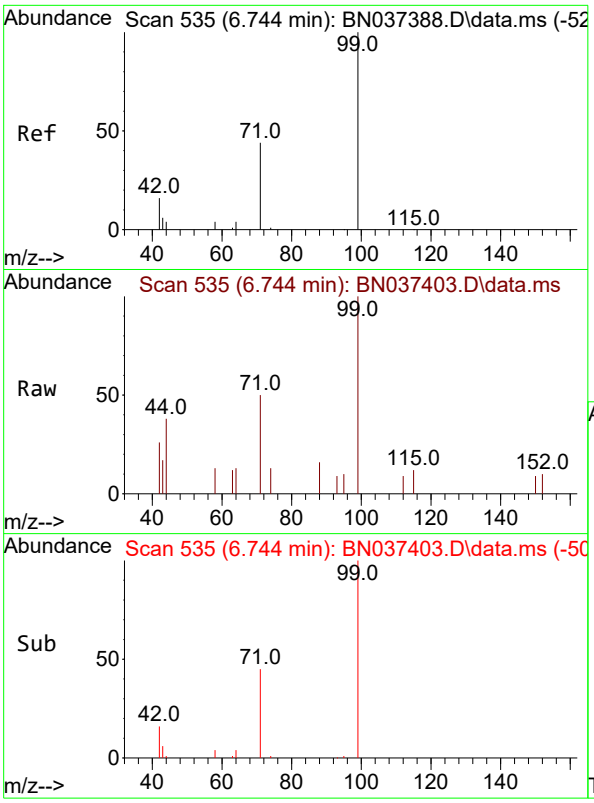


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:112 Resp: 939

Ion	Ratio	Lower	Upper
112	100		
64	52.6	40.3	60.5
63	33.5	26.1	39.1



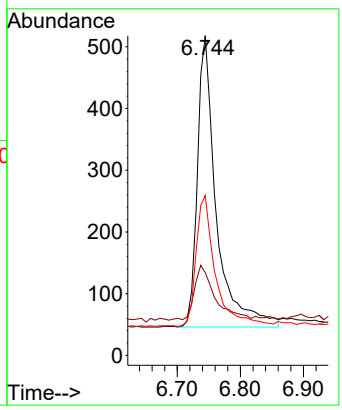


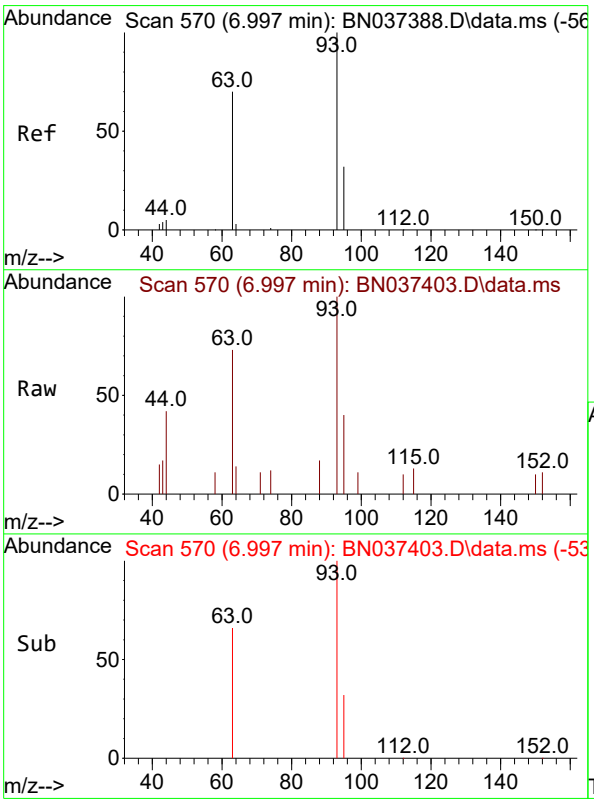
#5
Phenol-d6
Concen: 0.391 ng
RT: 6.744 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 980

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.6	23.4
71	46.0	35.8	53.8

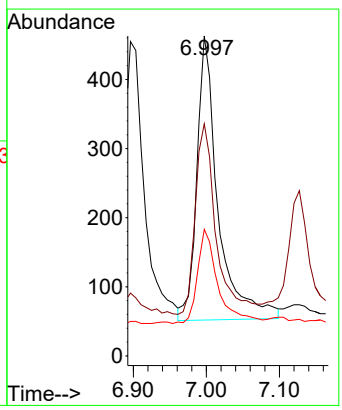


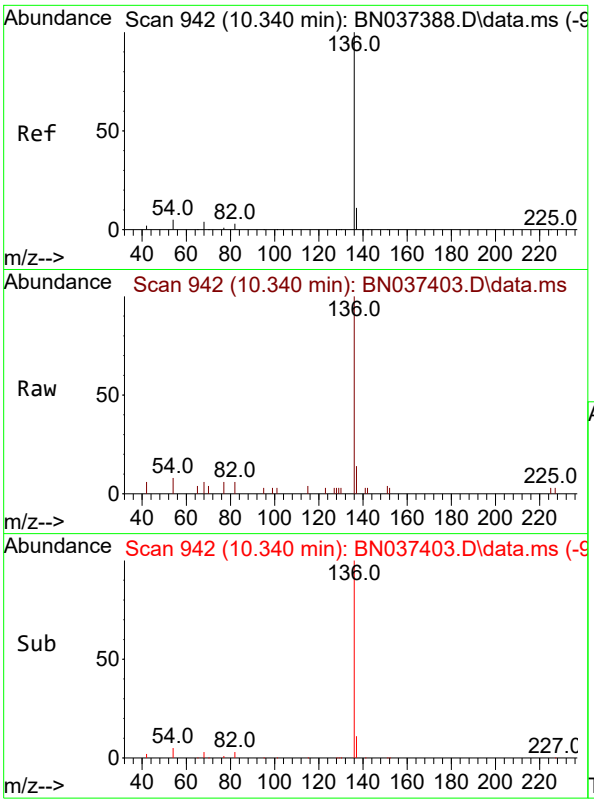


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 6.997 min Scan# 570
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion: 93 Resp: 828

Ion	Ratio	Lower	Upper
93	100		
63	65.8	49.6	74.4
95	31.9	23.9	35.9



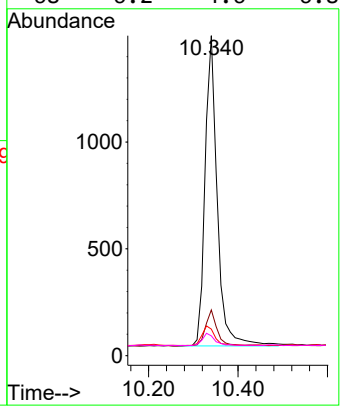


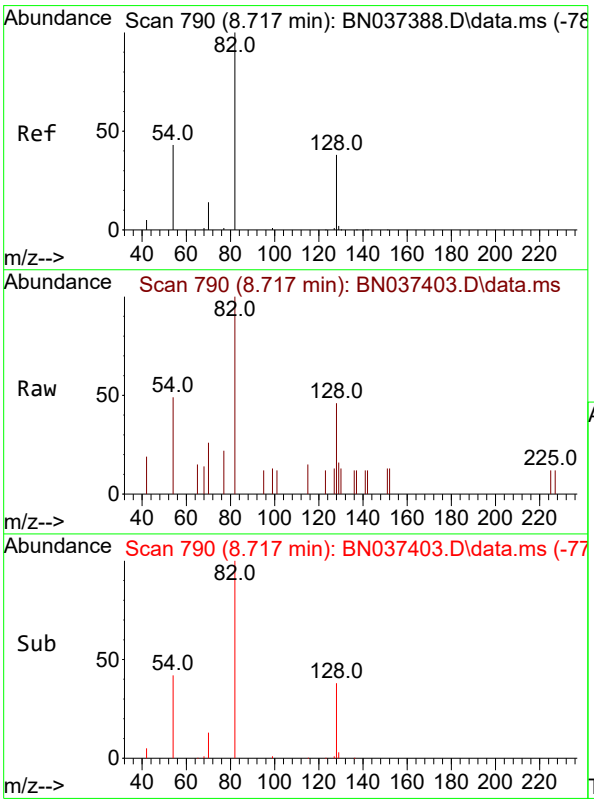
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2741

Ion	Ratio	Lower	Upper
136	100		
137	14.3	10.4	15.6
54	8.3	5.6	8.4
68	6.2	4.6	6.8

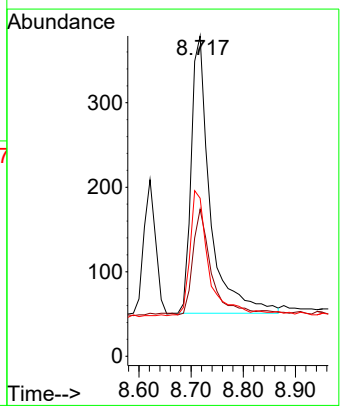


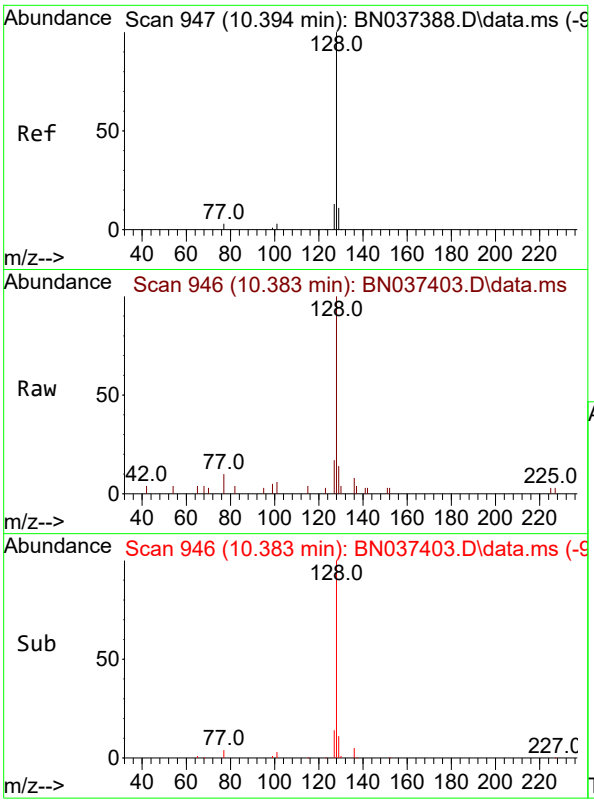


#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion: 82 Resp: 824

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	49.3	37.7	56.5



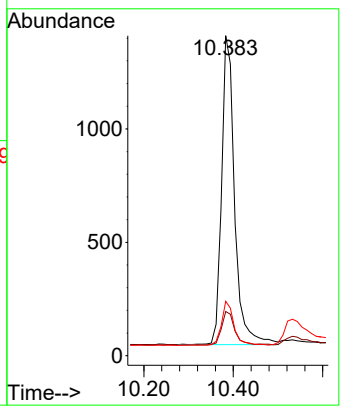


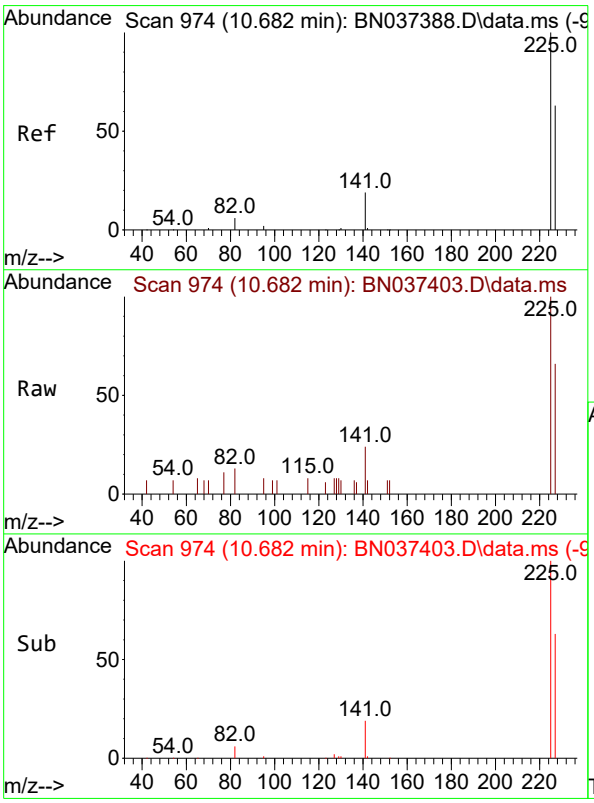
#9
Naphthalene
Concen: 0.391 ng
RT: 10.383 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 2760

Ion	Ratio	Lower	Upper
128	100		
129	13.8	10.4	15.6
127	17.0	12.2	18.4

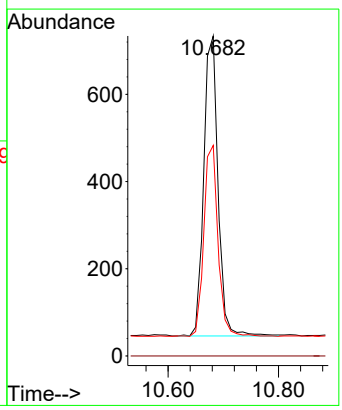


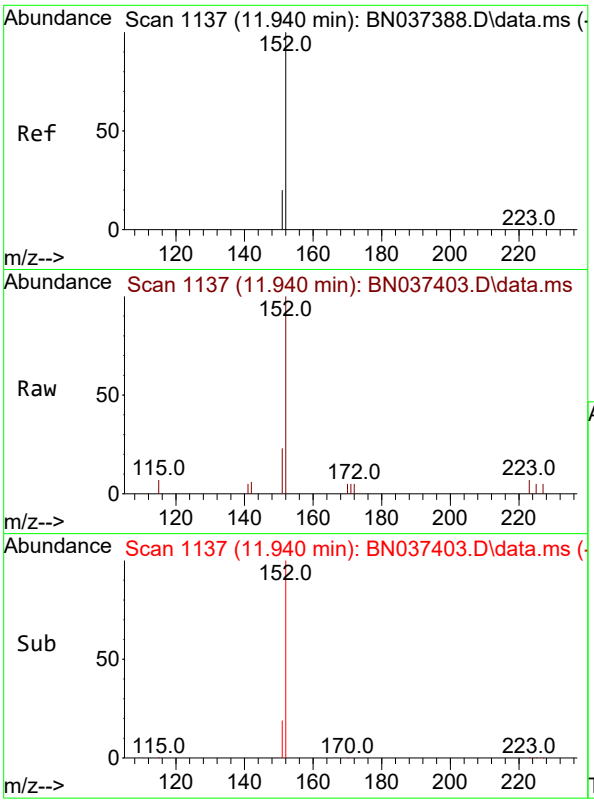


#10
Hexachlorobutadiene
Concen: 0.443 ng
RT: 10.682 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:225 Resp: 1242

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	49.9	74.9



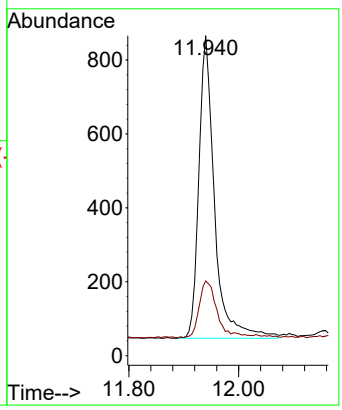


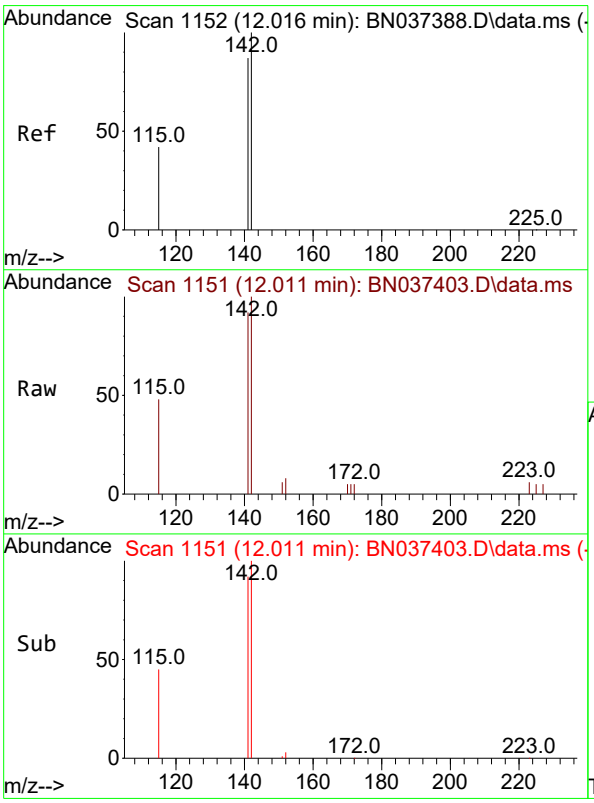
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1618

Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.4	27.6

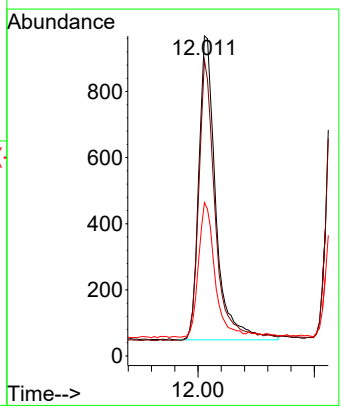


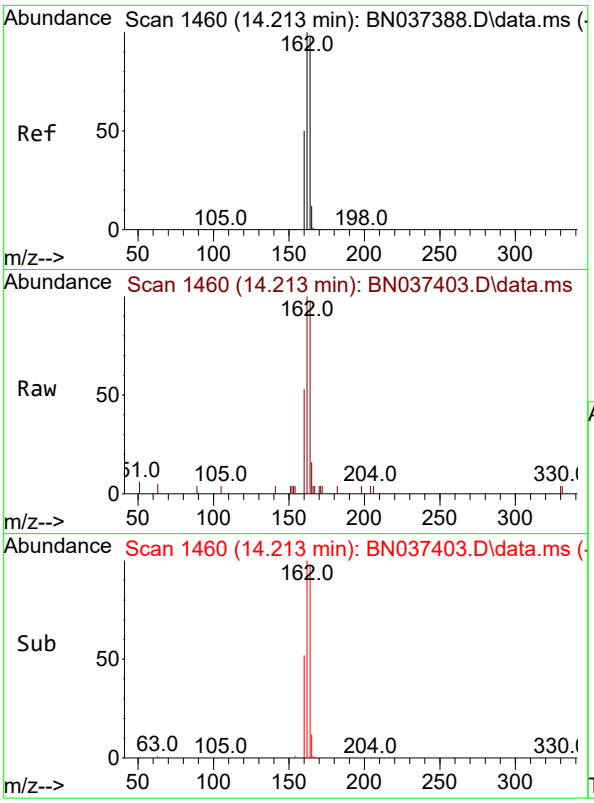


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.011 min Scan# 1151
Delta R.T. -0.005 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:142 Resp: 1868

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.1	105.1
115	47.9	35.8	53.6



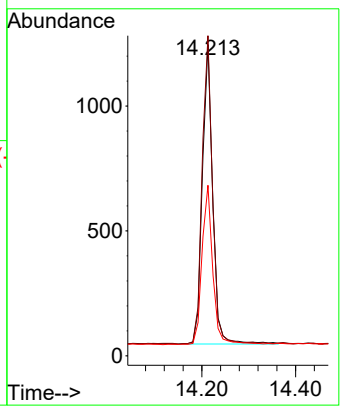


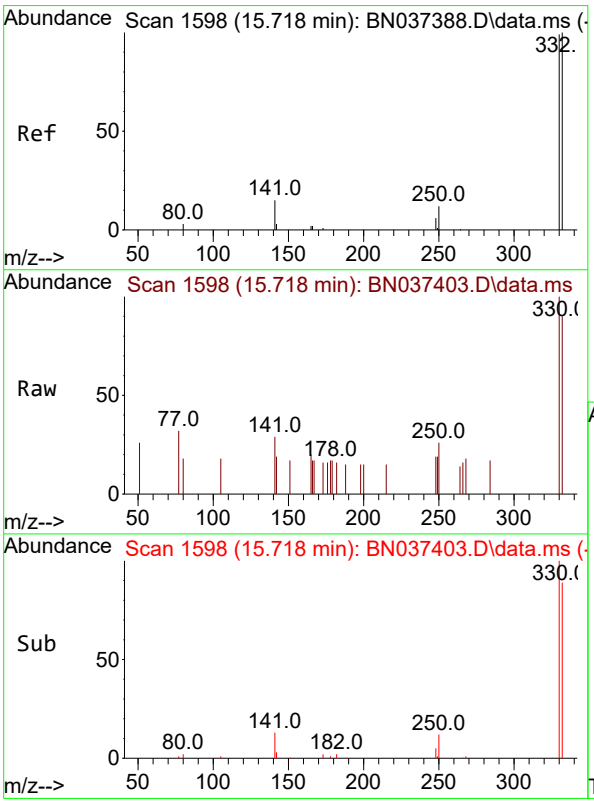
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1842

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	54.8	42.2	63.2

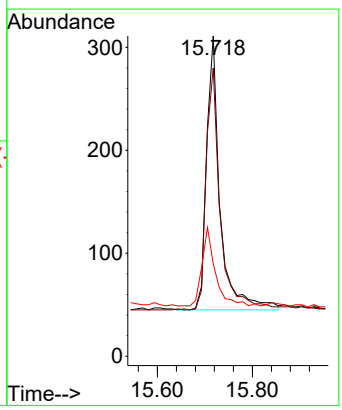


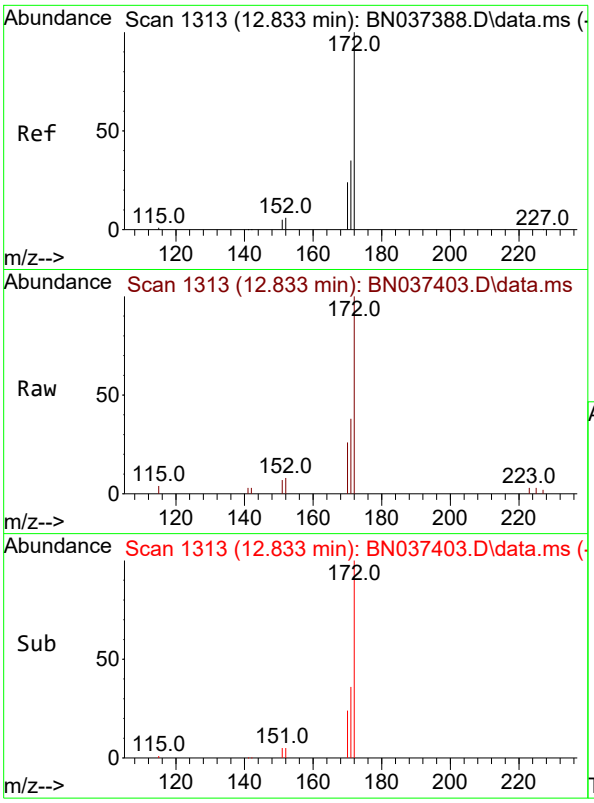


#14
2,4,6-Tribromophenol
Concen: 0.492 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:330 Resp: 532

Ion	Ratio	Lower	Upper
330	100		
332	91.0	77.8	116.8
141	27.8	24.0	36.0



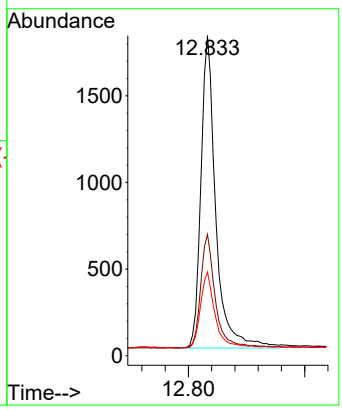


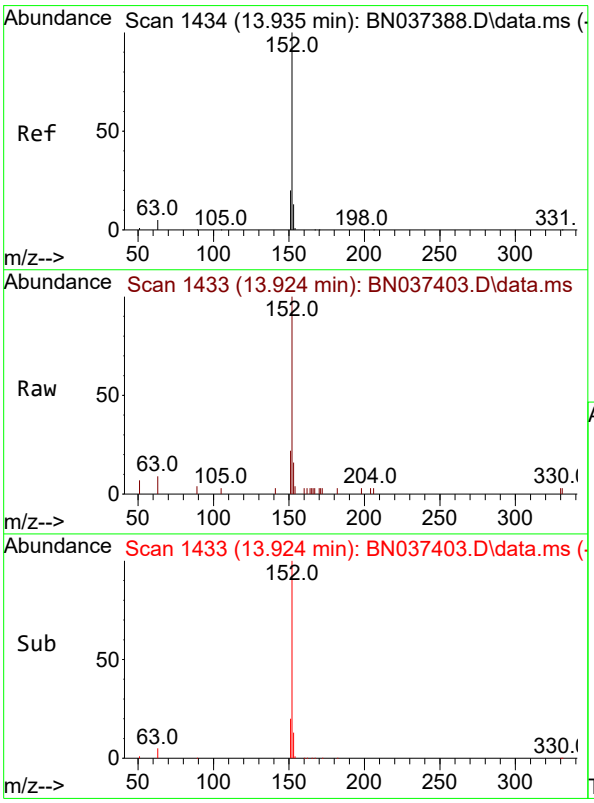
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3183

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.8	43.2
170	26.2	20.3	30.5

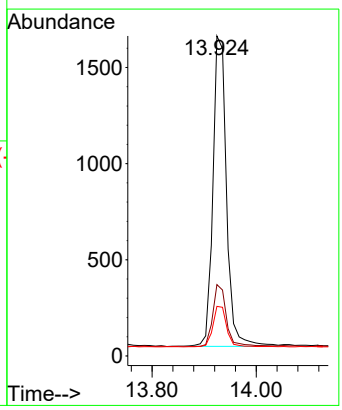


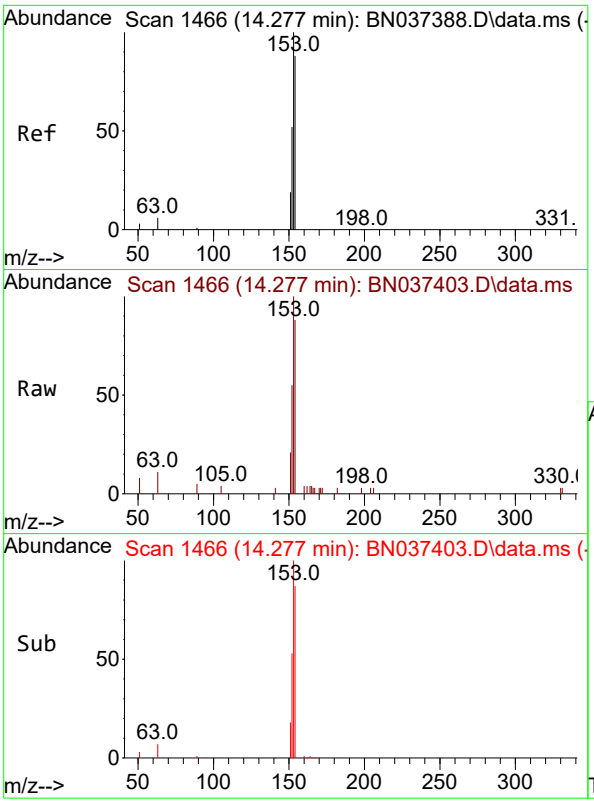


#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:152 Resp: 2920

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.5	10.3	15.5



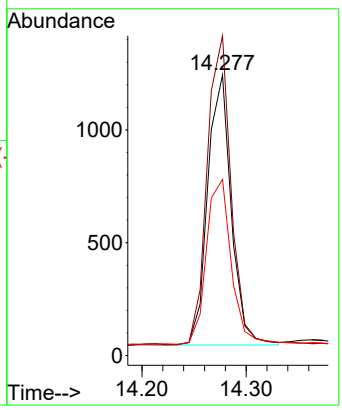


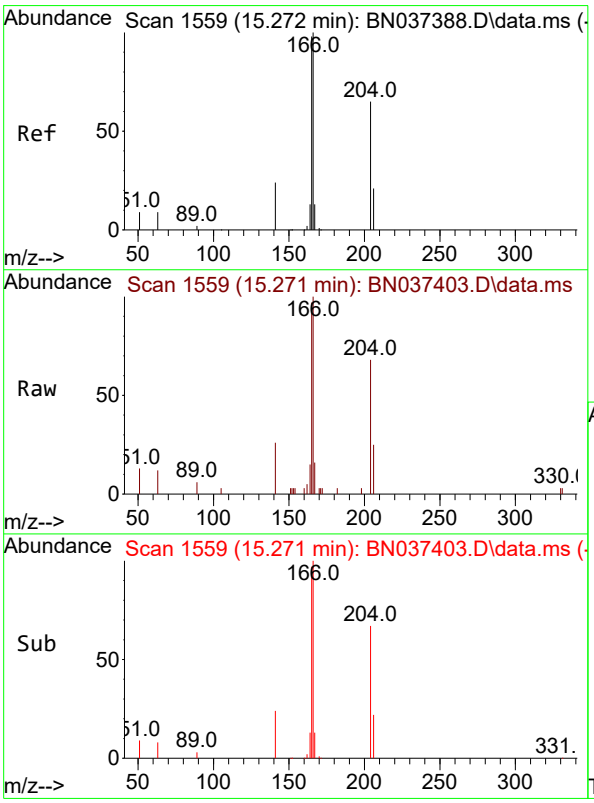
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1878

Ion	Ratio	Lower	Upper
154	100		
153	118.1	94.6	141.8
152	64.9	50.2	75.2

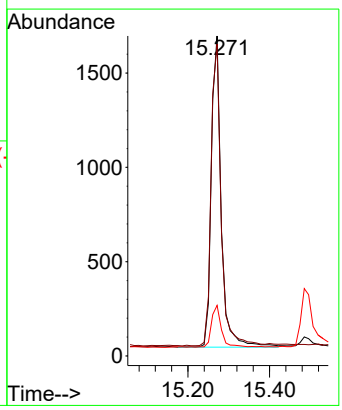


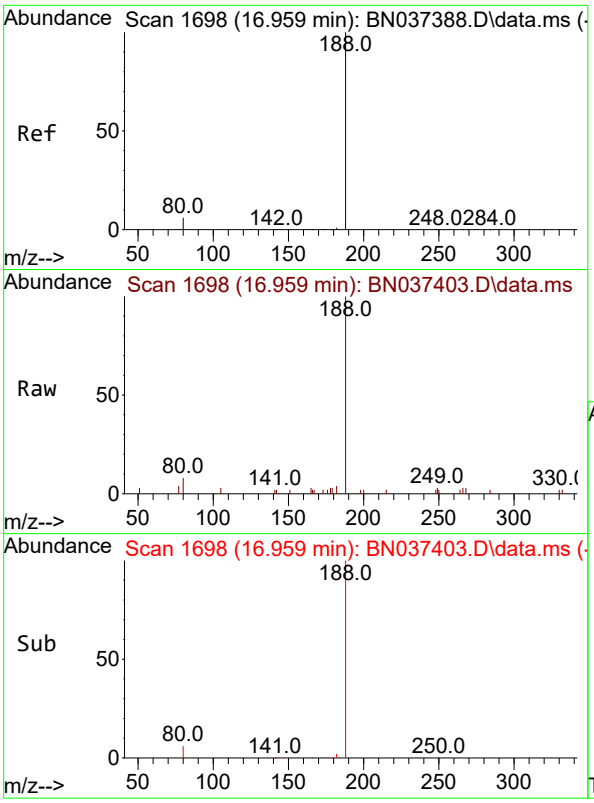


#18
Fluorene
Concen: 0.394 ng
RT: 15.271 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:166 Resp: 2778

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.4	119.2
167	13.4	10.6	15.8



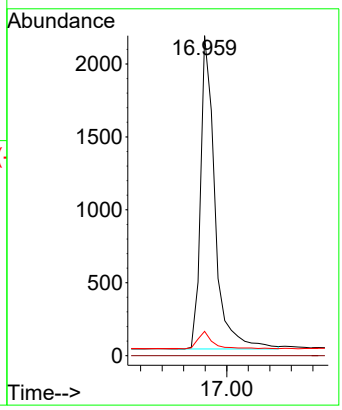


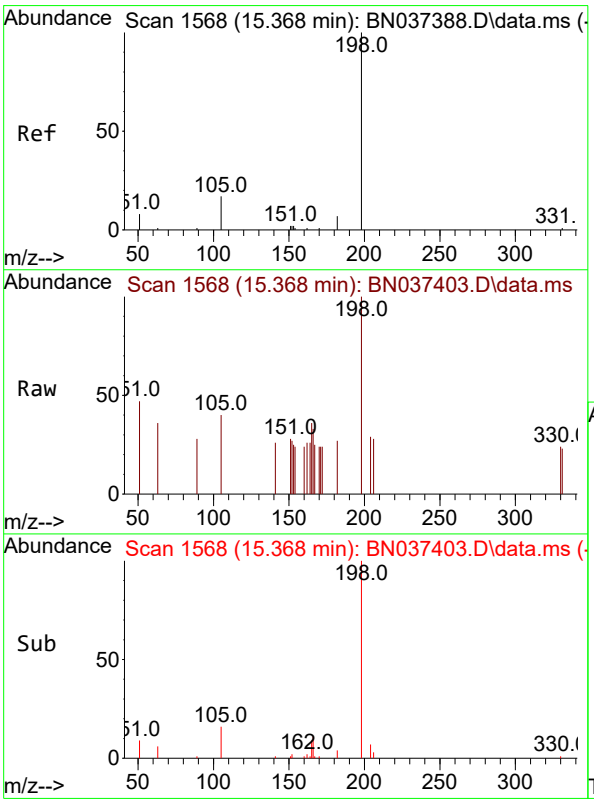
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.959 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 3978

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.2	9.4

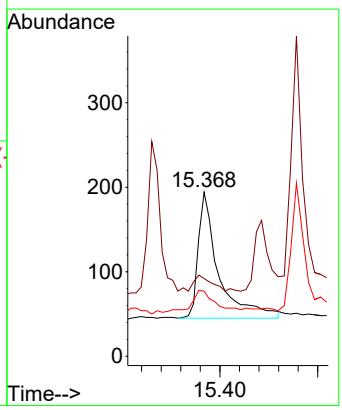


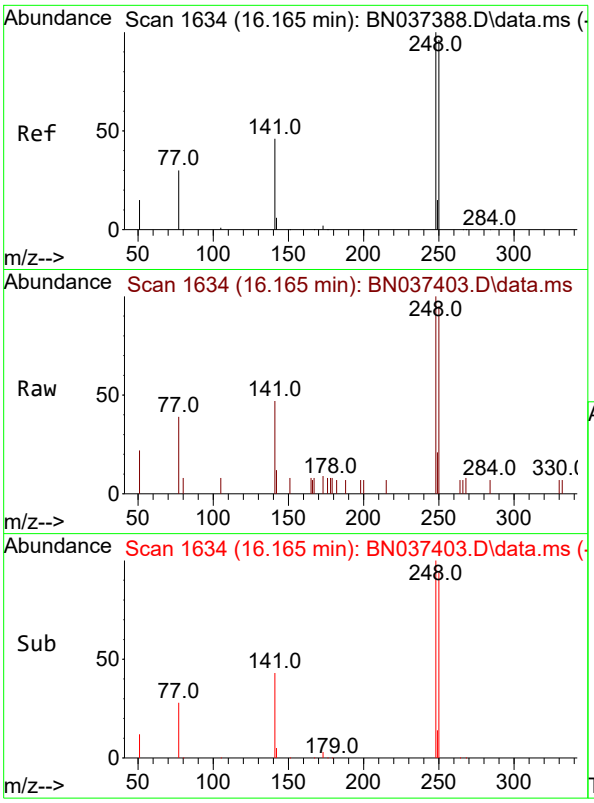


#20
4,6-Dinitro-2-methylphenol
Concen: 0.426 ng
RT: 15.368 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:198 Resp: 435

Ion	Ratio	Lower	Upper
198	100		
51	47.4	38.8	58.2
105	39.7	29.8	44.6



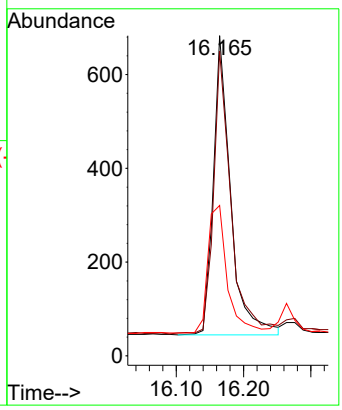


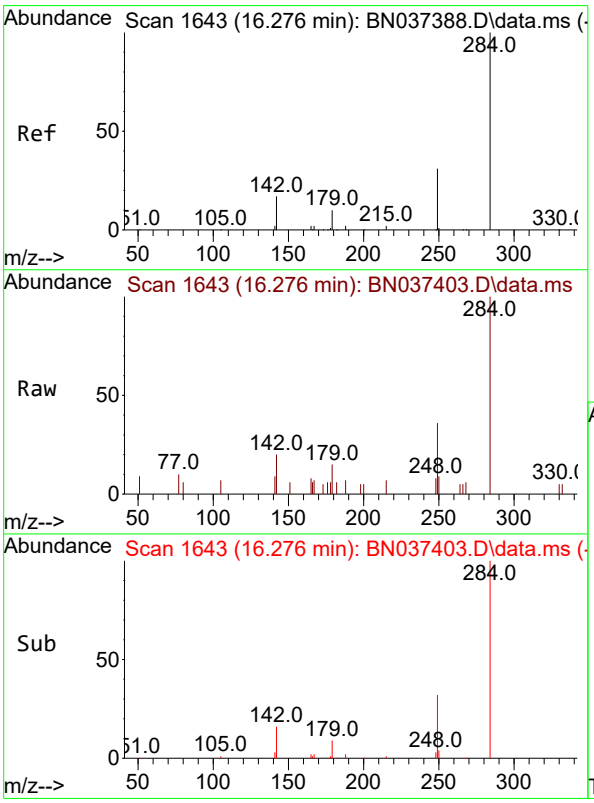
#21
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.165 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1143

Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.0	115.4
141	47.0	38.7	58.1

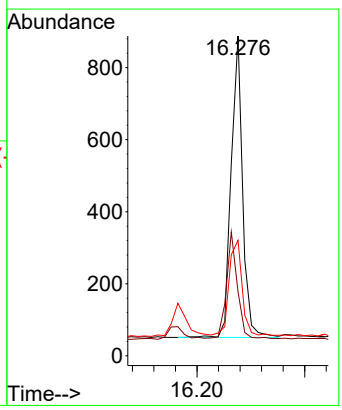


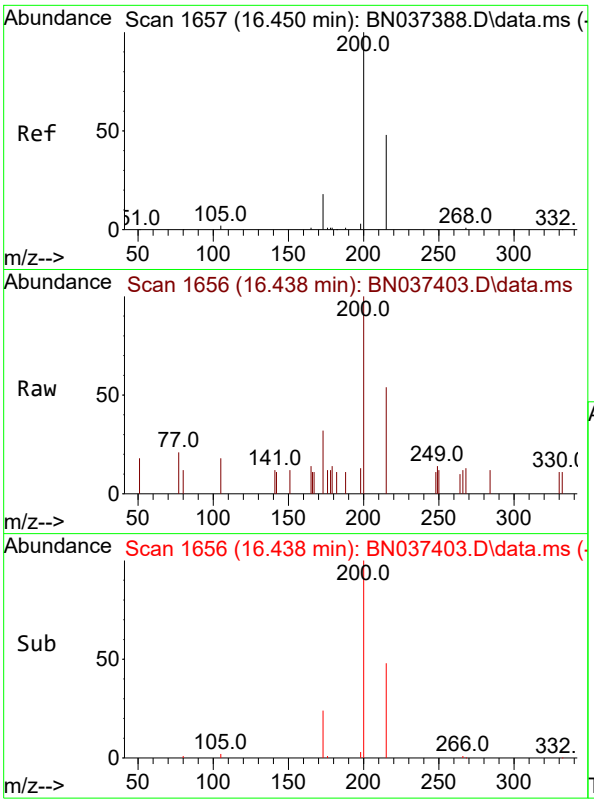


#22
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.276 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:284 Resp: 1236

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.2	40.8
249	36.0	26.7	40.1



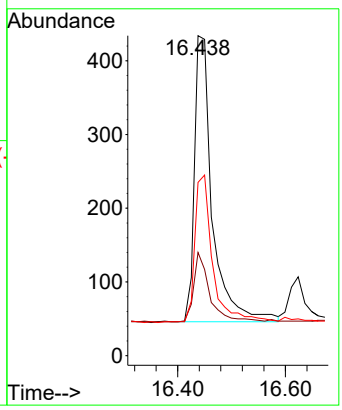


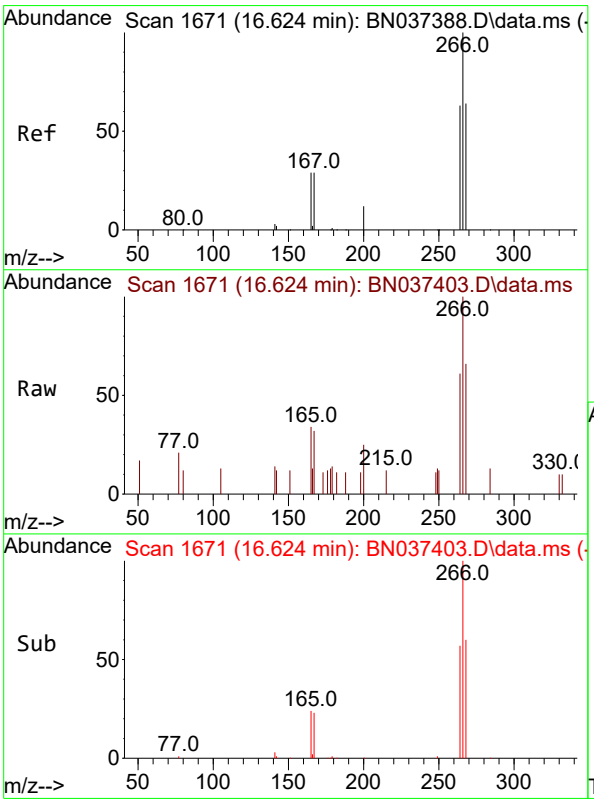
#23
Atrazine
Concen: 0.405 ng
RT: 16.438 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 901

Ion	Ratio	Lower	Upper
200	100		
173	32.3	19.0	28.6#
215	54.1	41.3	61.9

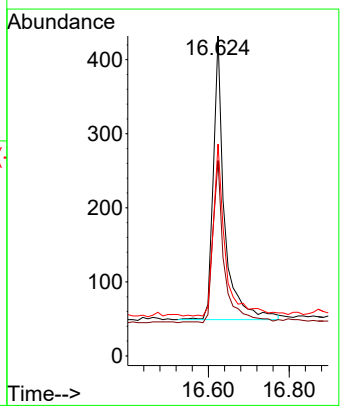


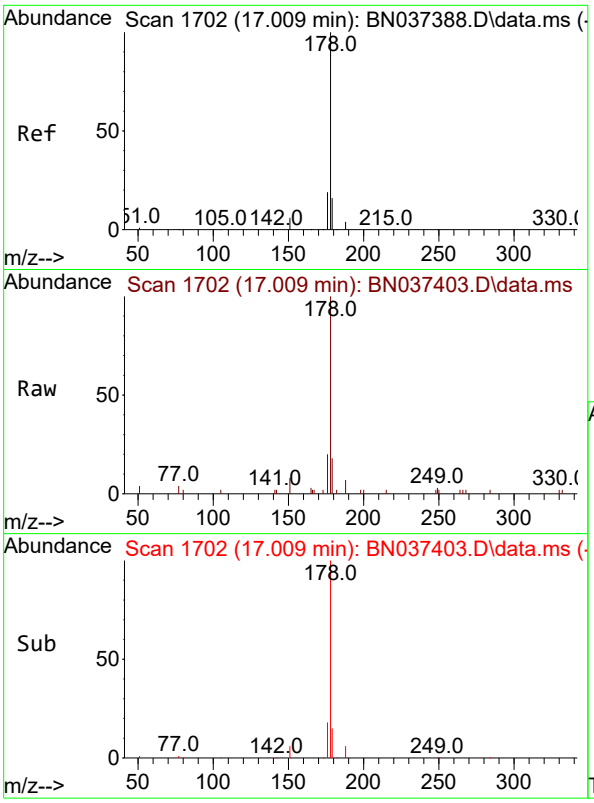


#24
Pentachlorophenol
Concen: 0.452 ng
RT: 16.624 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:266 Resp: 737

Ion	Ratio	Lower	Upper
266	100		
264	56.2	49.2	73.8
268	64.0	54.2	81.4



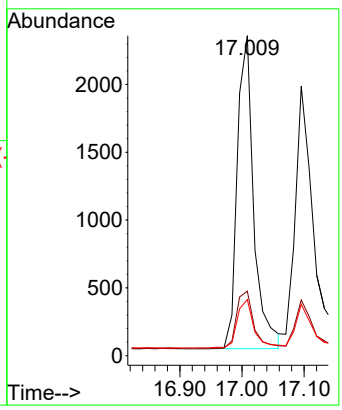


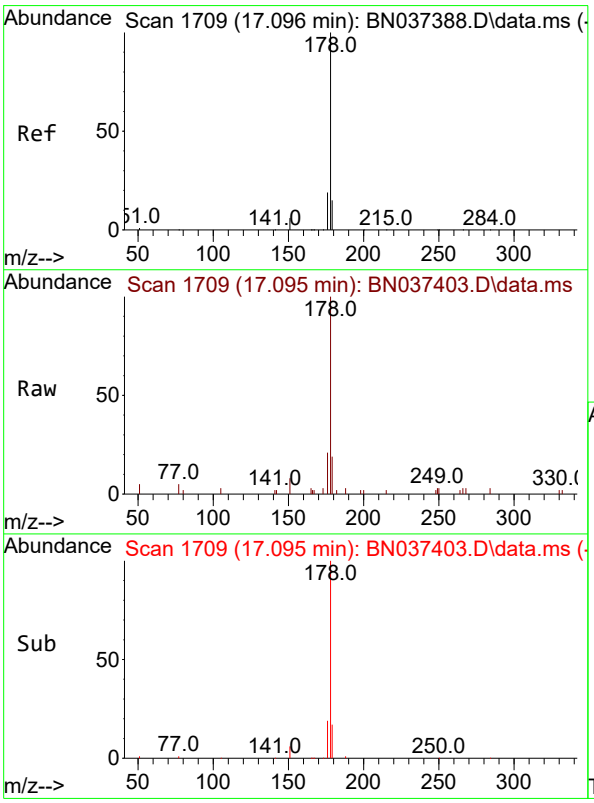
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 4265

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.8	12.8	19.2

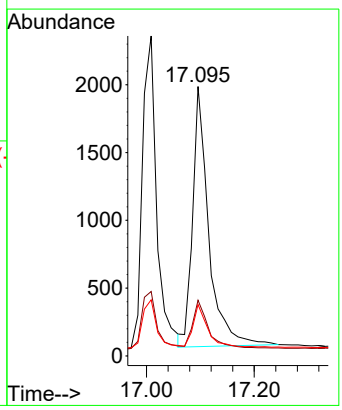


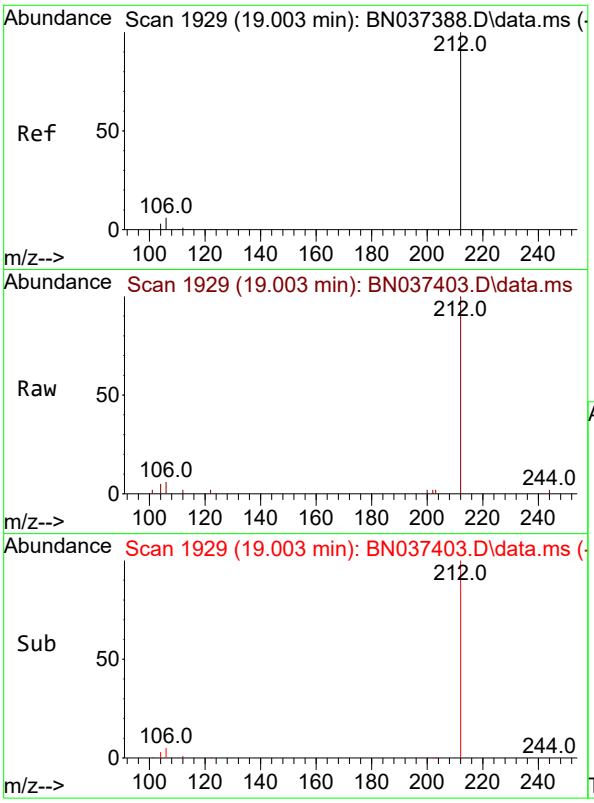


#26
Anthracene
Concen: 0.387 ng
RT: 17.095 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:178 Resp: 3988

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	15.5	12.4	18.6



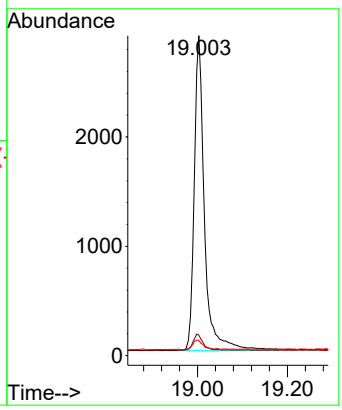


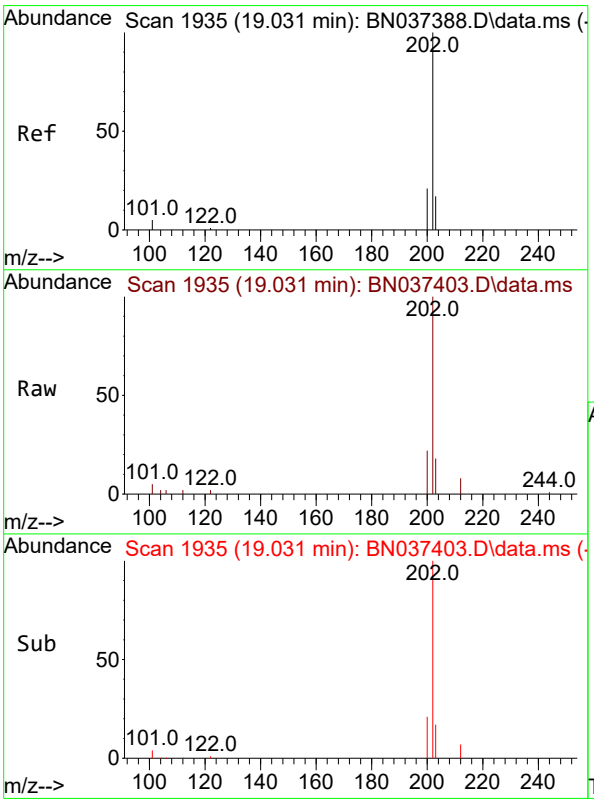
#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.003 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 4555

Ion	Ratio	Lower	Upper
212	100		
106	5.1	4.5	6.7
104	3.0	2.7	4.1

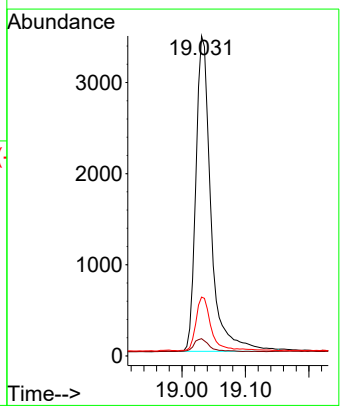


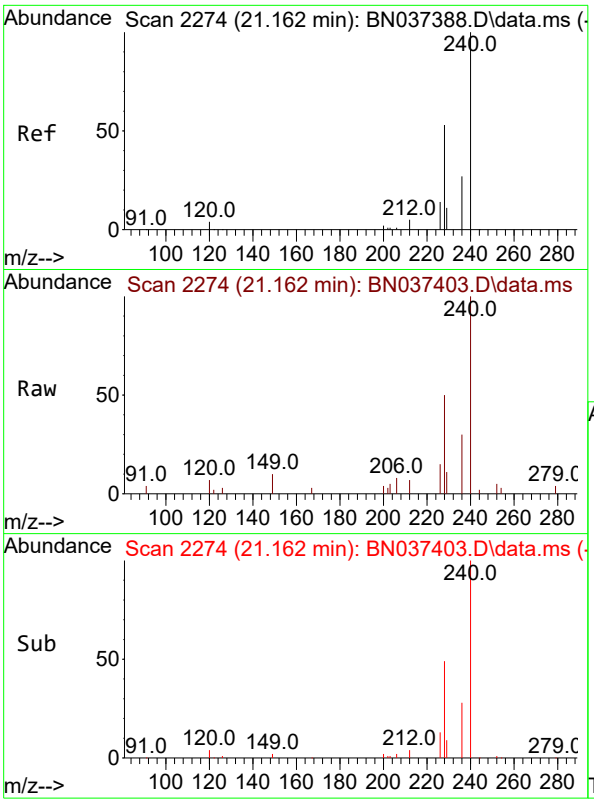


#28
Fluoranthene
Concen: 0.400 ng
RT: 19.031 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:202 Resp: 5729

Ion	Ratio	Lower	Upper
202	100		
101	4.3	3.8	5.6
203	17.4	13.5	20.3



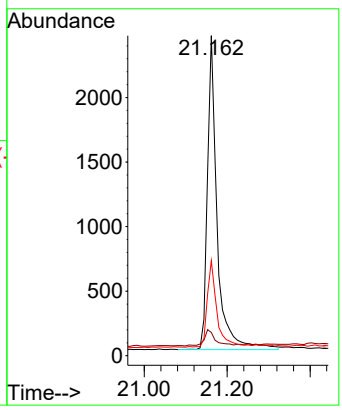


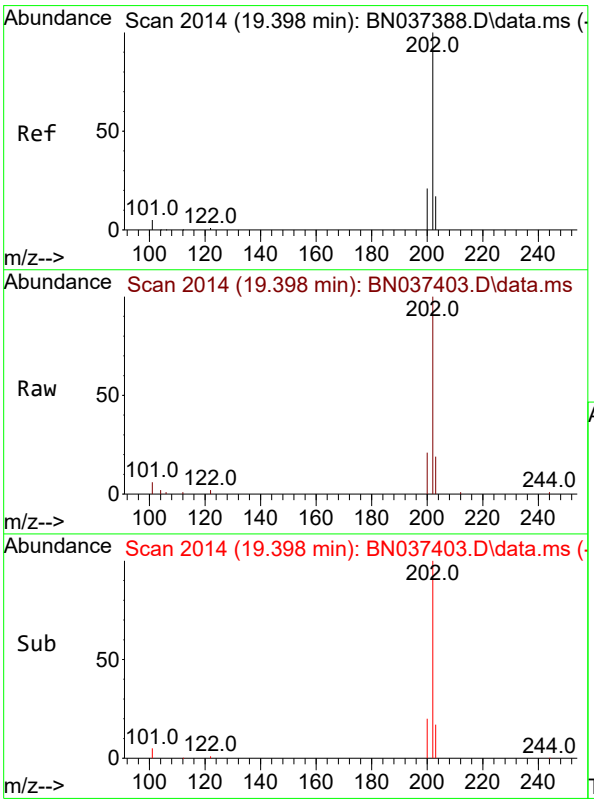
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 3956

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	29.7	22.7	34.1

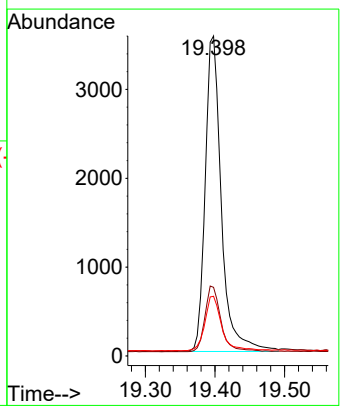


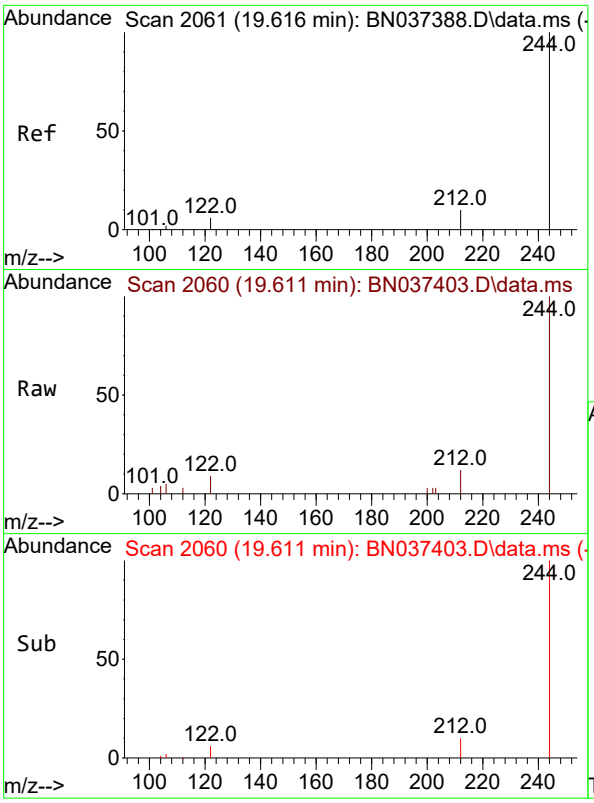


#30
Pyrene
Concen: 0.382 ng
RT: 19.398 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:202 Resp: 5716

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.8	14.2	21.2



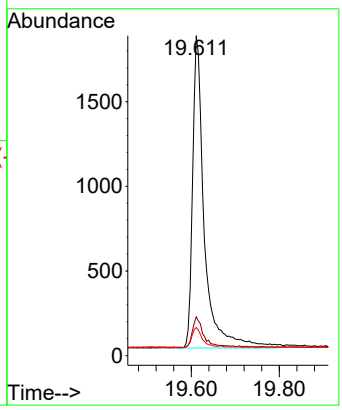


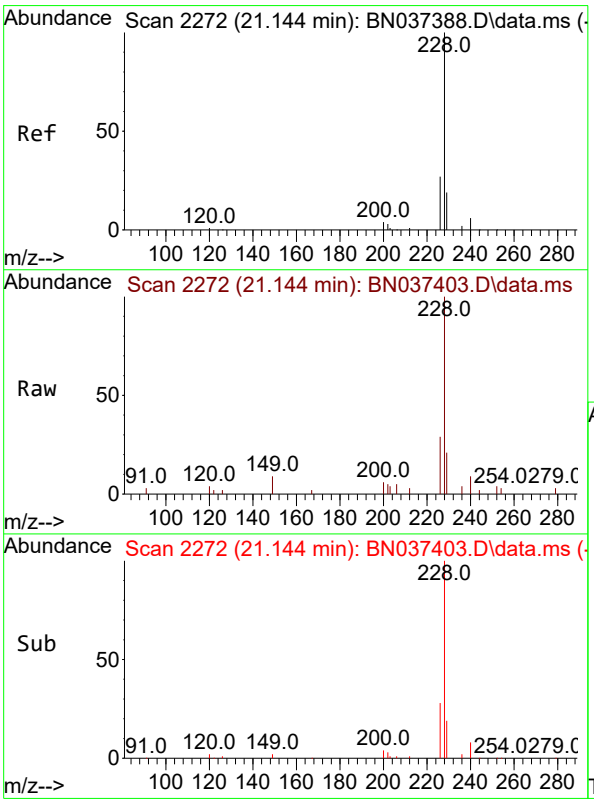
#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.611 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 3431

Ion	Ratio	Lower	Upper
244	100		
212	12.1	9.1	13.7
122	8.8	6.3	9.5

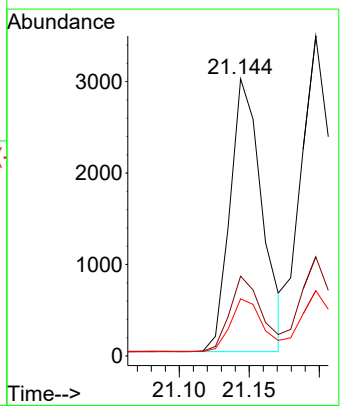


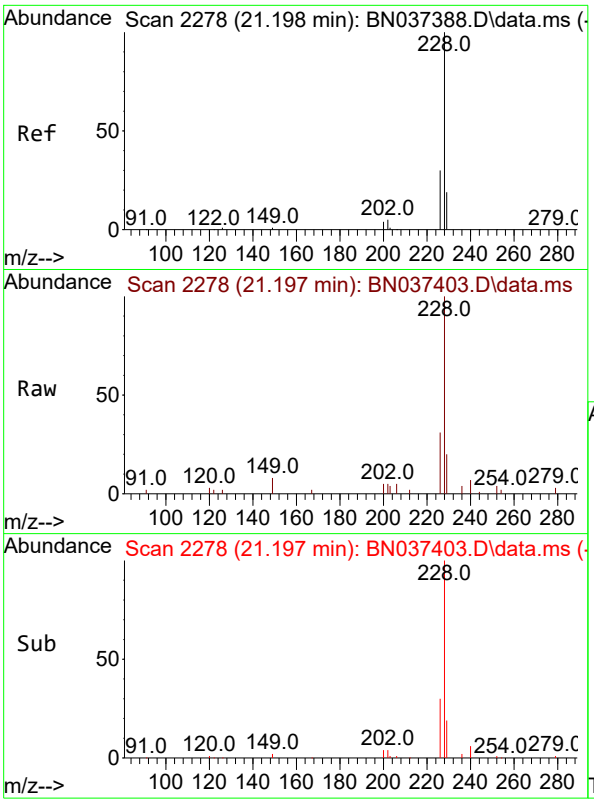


#32
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.144 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:228 Resp: 4770

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	20.6	16.2	24.2



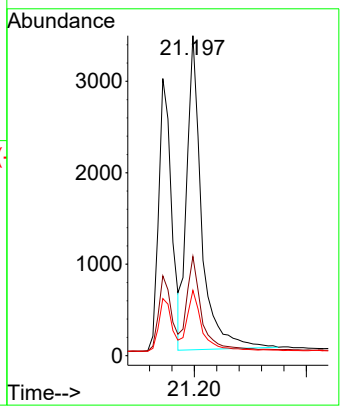


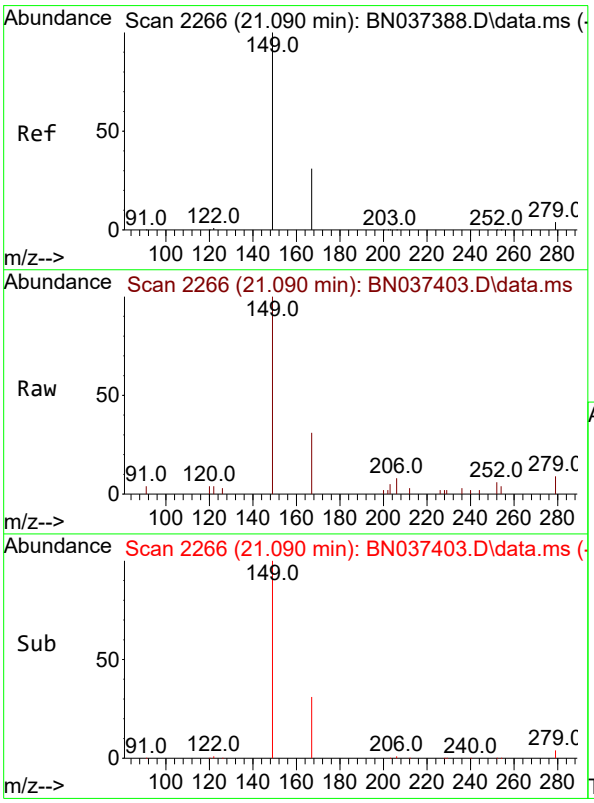
#33
Chrysene
Concen: 0.410 ng
RT: 21.197 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 6302

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	20.4	16.1	24.1

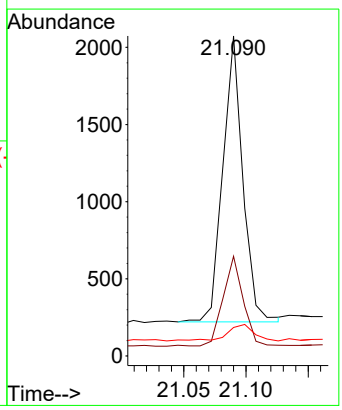


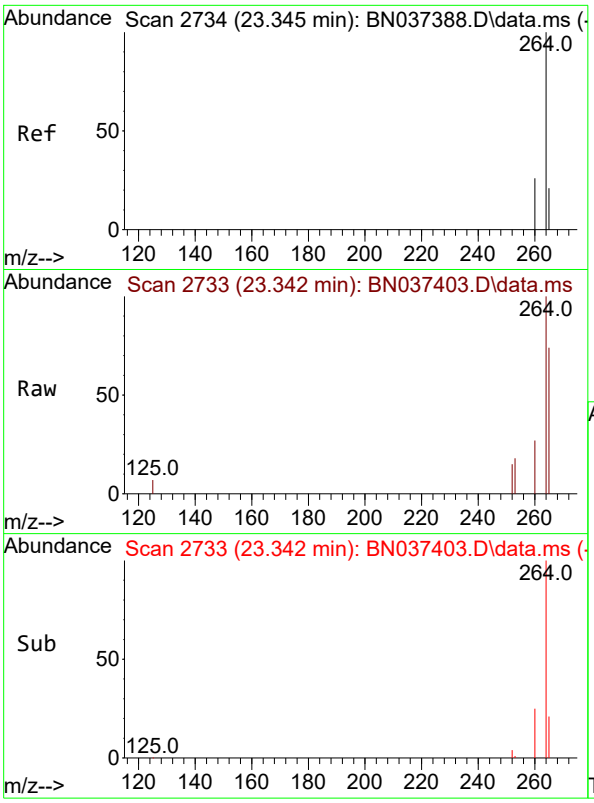


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.420 ng
RT: 21.090 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:149 Resp: 2069

Ion	Ratio	Lower	Upper
149	100		
167	32.0	24.8	37.2
279	7.6	5.0	7.6#



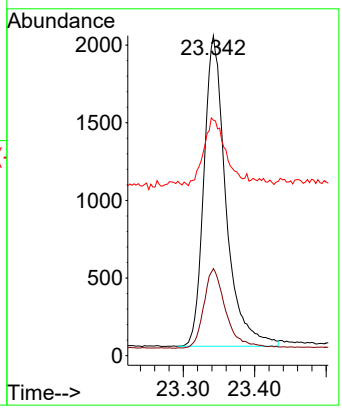


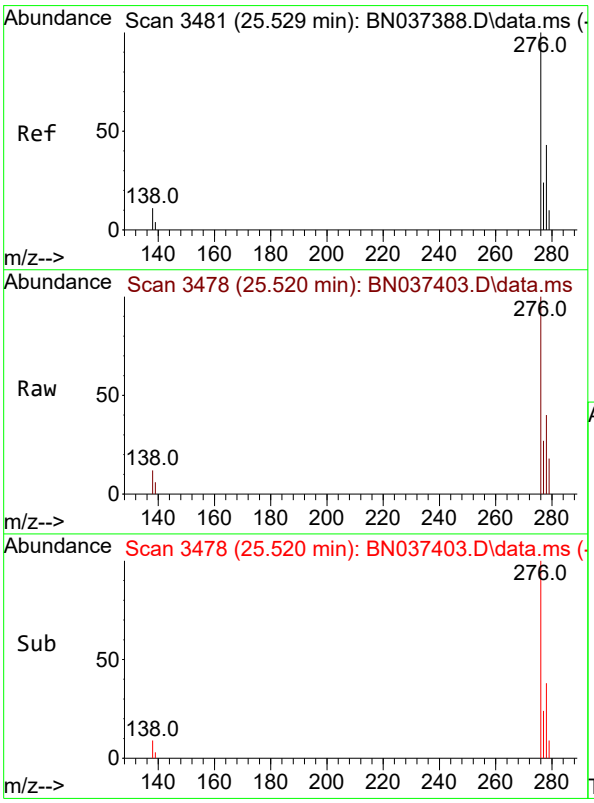
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.342 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4281

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.0
265	73.6	56.2	84.4

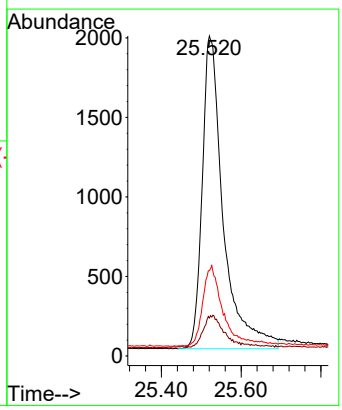


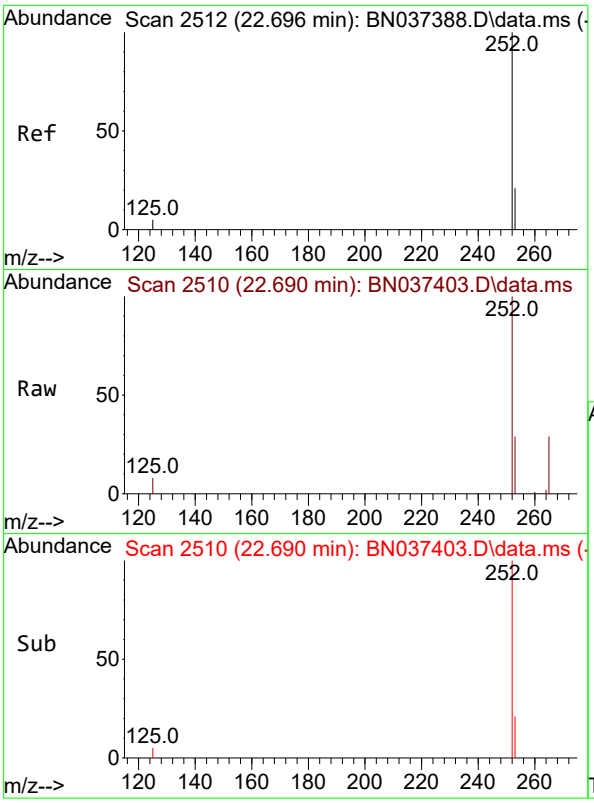


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 25.520 min Scan# 3478
Delta R.T. -0.009 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:276 Resp: 7185

Ion	Ratio	Lower	Upper
276	100		
138	9.6	8.5	12.7
277	23.3	19.7	29.5



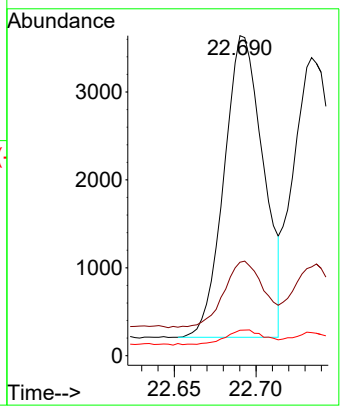


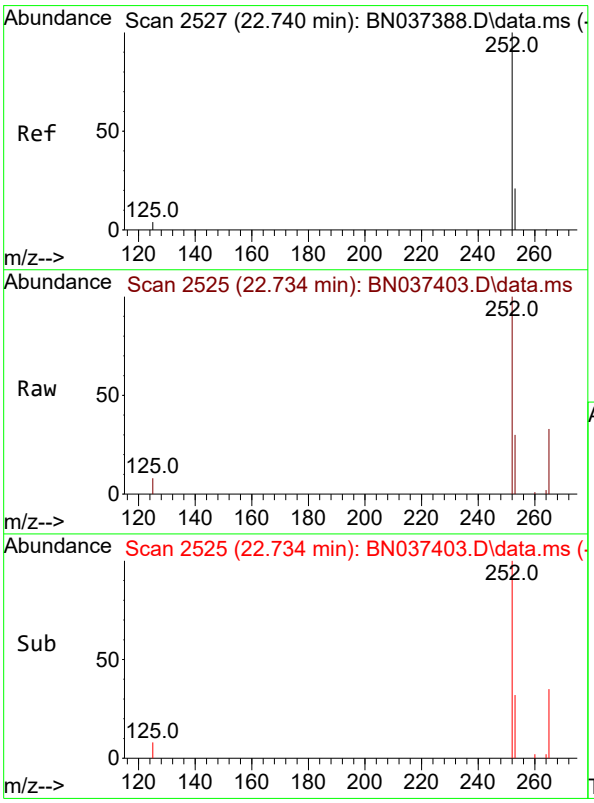
#37
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.690 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5748

Ion	Ratio	Lower	Upper
252	100		
253	29.2	22.8	34.2
125	8.0	6.2	9.4

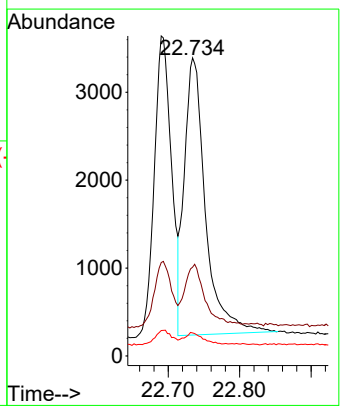


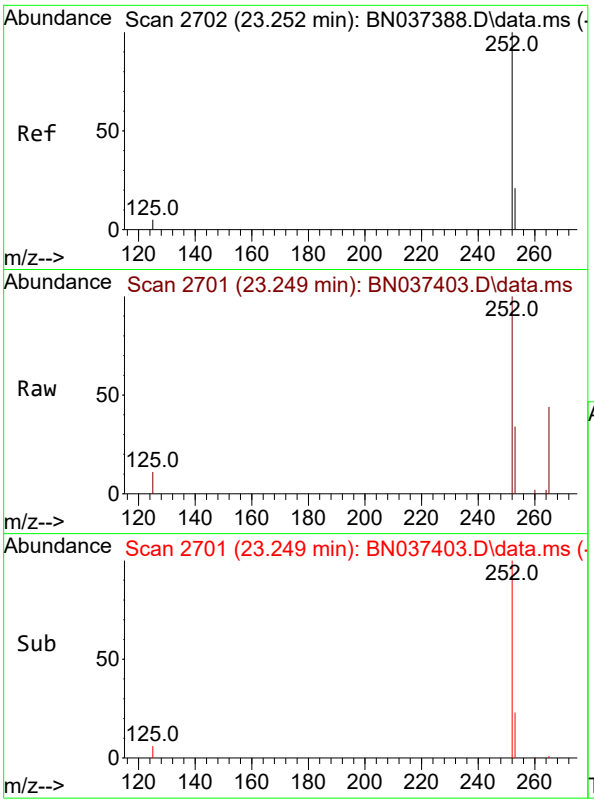


#38
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.734 min Scan# 2525
Delta R.T. -0.006 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:252 Resp: 6484

Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.2	34.8
125	7.7	6.0	9.0



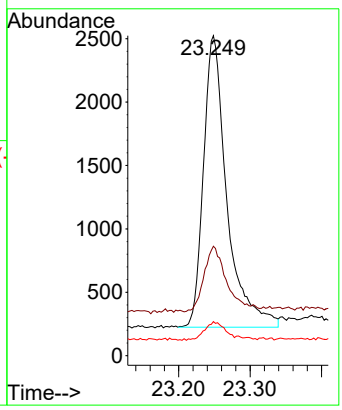


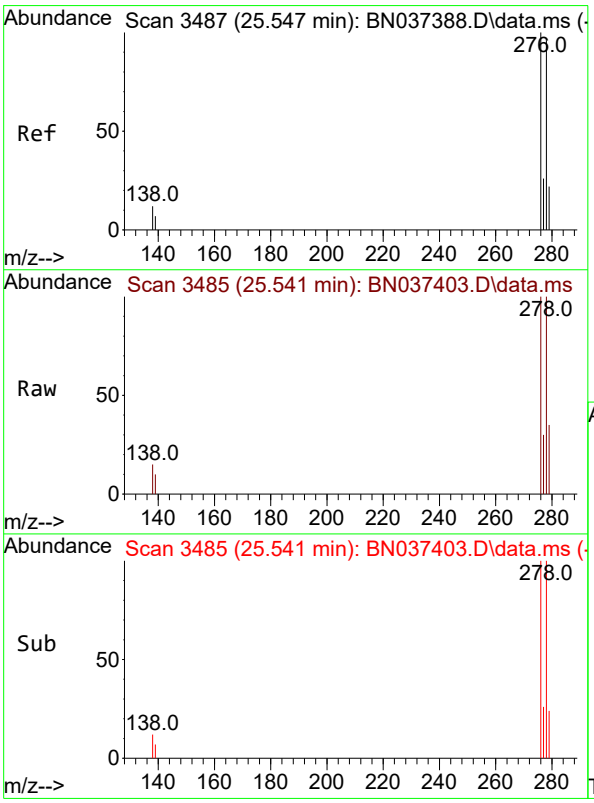
#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.249 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5244

Ion	Ratio	Lower	Upper
252	100		
253	34.2	25.6	38.4
125	10.6	7.5	11.3

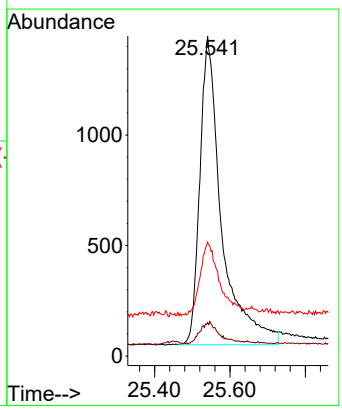


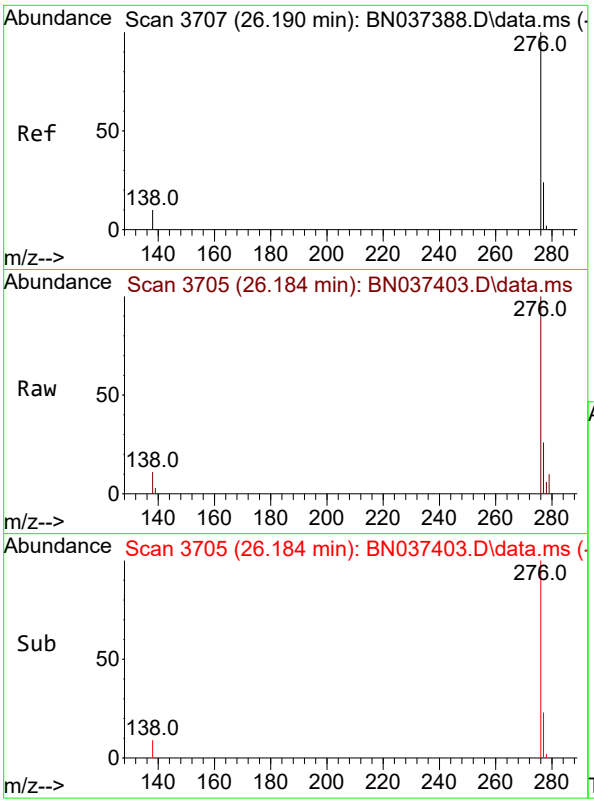


#40
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 25.541 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Tgt Ion:278 Resp: 5585

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.5	12.7
279	35.6	27.5	41.3





#41
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 26.184 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN037403.D
Acq: 26 Jun 2025 21:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6411

Ion	Ratio	Lower	Upper
276	100		
277	25.7	21.0	31.4
138	11.4	9.6	14.4