Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051525\
Data File : BN037025.D
Acq On : 15 May 2025 09:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 15 11:15:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	2015	0.400	ng		0.00
7) Naphthalene-d8	10.393	136	5524	0.400	ng		-0.01
13) Acenaphthene-d10	14.266	164	3171	0.400	ng		0.00
19) Phenanthrene-d10	17.008	188	6273	0.400	ng	#	0.00
29) Chrysene-d12	21.206	240	5549	0.400	ng	#	0.00
35) Perylene-d12	23.406	264	5292	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2166	0.410	ng		0.00
5) Phenol-d6	6.787	99	2706	0.410	ng		0.00
8) Nitrobenzene-d5	8.760	82	2299	0.382	ng		-0.01
11) 2-Methylnaphthalene-d10	11.990	152	3096	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	545	0.391	ng		-0.01
15) 2-Fluorobiphenyl	12.883	172	5338	0.368	ng		0.00
27) Fluoranthene-d10	19.044	212	6664	0.387	ng		0.00
31) Terphenyl-d14	19.653	244	4809	0.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	1020	0.413	ng		96
3) n-Nitrosodimethylamine	3.451	42	2103	0.396	ng	#	92
6) bis(2-Chloroethyl)ether	7.047	93	2426	0.399	ng		98
9) Naphthalene	10.447	128	6358	0.390	ng		98
10) Hexachlorobutadiene	10.735	225	1335	0.390	ng	#	99
12) 2-Methylnaphthalene	12.067	142	4161	0.396	ng		98
16) Acenaphthylene	13.978	152	6037	0.391	ng		99
17) Acenaphthene	14.320	154	3955	0.392	ng		99
18) Fluorene	15.314	166	5232	0.395	ng		99
20) 4,6-Dinitro-2-methylph...	15.399	198	511	0.419	ng		90
21) 4-Bromophenyl-phenylether	16.214	248	1564	0.395	ng	#	84
22) Hexachlorobenzene	16.326	284	1739	0.410	ng		98
23) Atrazine	16.487	200	1297	0.375	ng		95
24) Pentachlorophenol	16.661	266	890	0.381	ng		99
25) Phenanthrene	17.045	178	8176	0.399	ng		100
26) Anthracene	17.145	178	7217	0.387	ng		99
28) Fluoranthene	19.077	202	9461	0.386	ng		99
30) Pyrene	19.439	202	9573	0.403	ng		100
32) Benzo(a)anthracene	21.188	228	7869	0.377	ng		99
33) Chrysene	21.242	228	8915	0.403	ng		98
34) Bis(2-ethylhexyl)phtha...	21.134	149	4908	0.382	ng		98
36) Indeno(1,2,3-cd)pyrene	25.616	276	8802	0.407	ng		99
37) Benzo(b)fluoranthene	22.748	252	8546	0.389	ng		98
38) Benzo(k)fluoranthene	22.792	252	8643	0.399	ng		98
39) Benzo(a)pyrene	23.313	252	7451	0.400	ng	#	91
40) Dibenzo(a,h)anthracene	25.631	278	6903	0.410	ng		97
41) Benzo(g,h,i)perylene	26.289	276	7441	0.407	ng		100

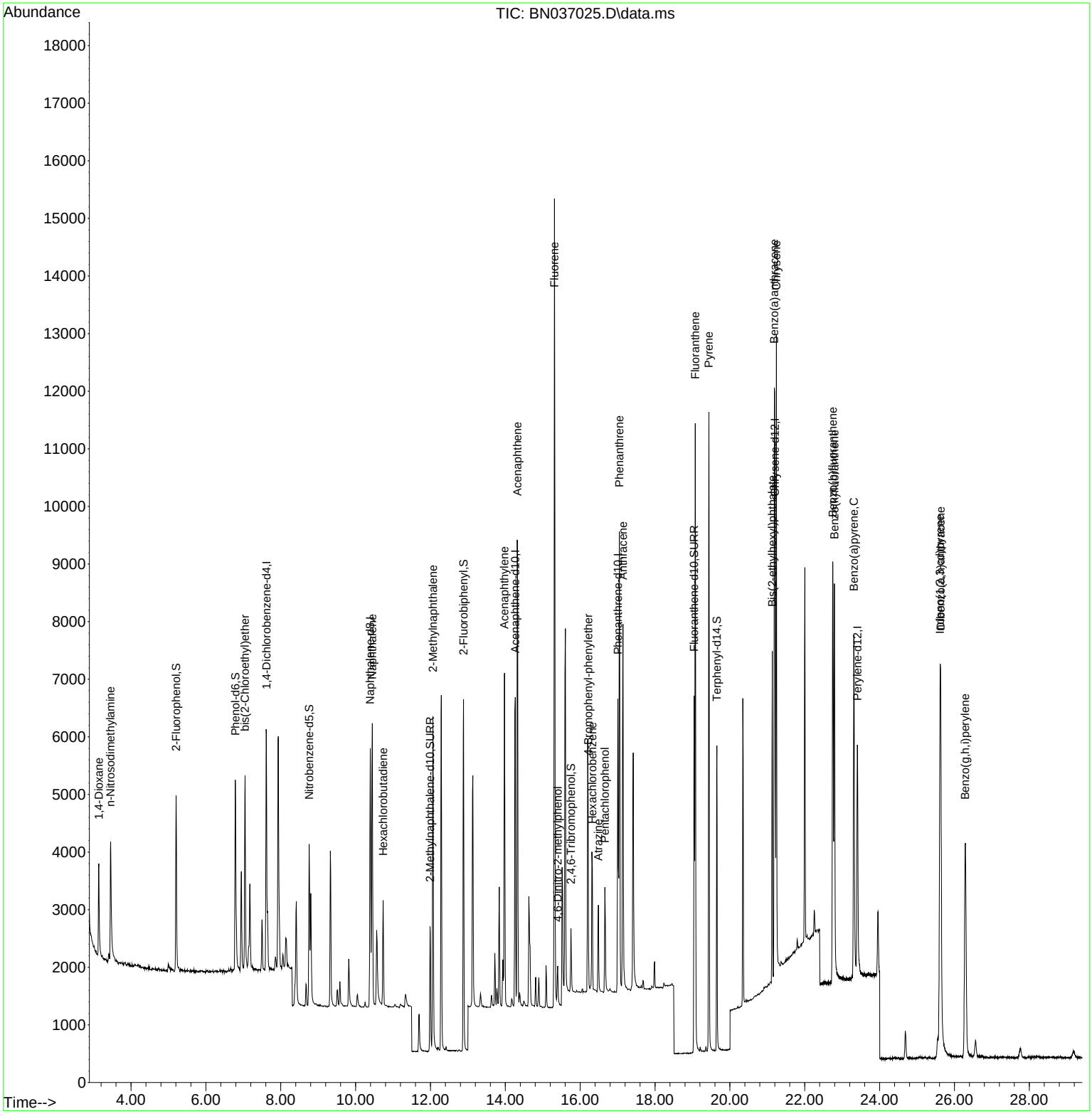
(#) = qualifier out of range (m) = manual integration (+) = signals summed

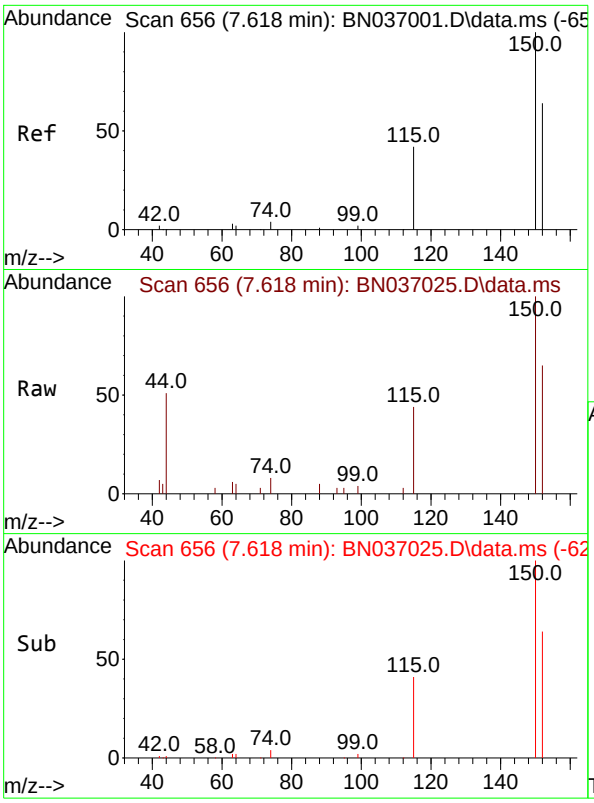
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051525\
Data File : BN037025.D
Acq On : 15 May 2025 09:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 15 11:15:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



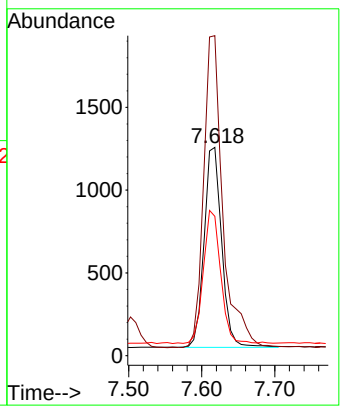


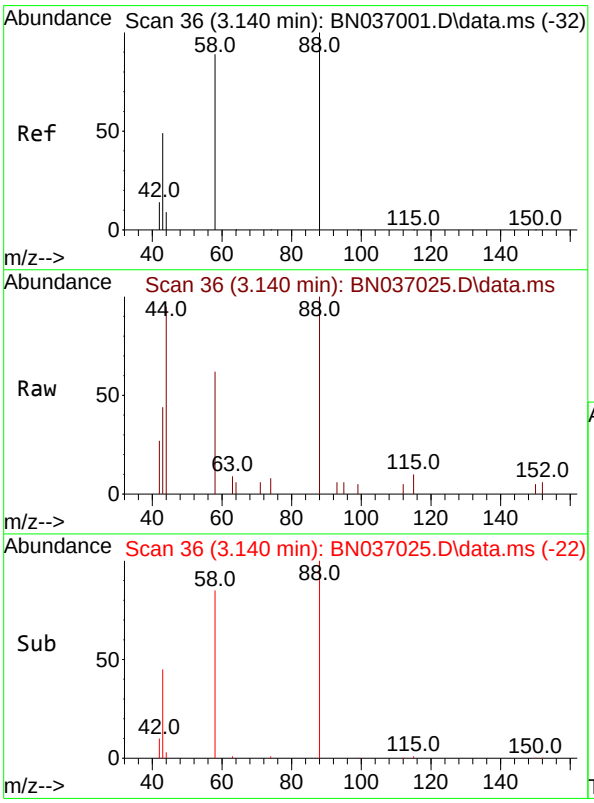
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2015

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.9	185.9
115	66.9	55.8	83.8

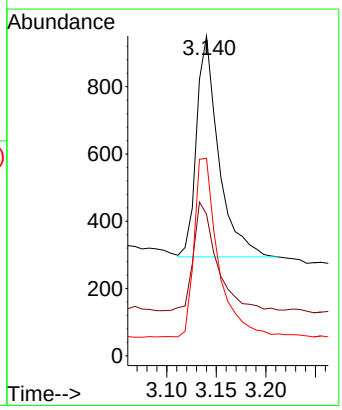


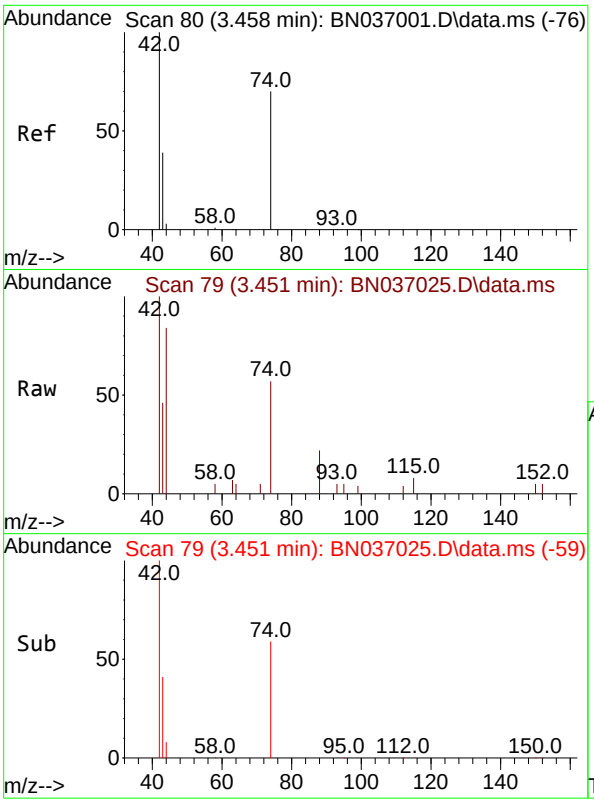


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.140 min Scan# 36
Delta R.T. 0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion: 88 Resp: 1020

Ion	Ratio	Lower	Upper
88	100		
43	52.0	37.4	56.0
58	88.4	68.8	103.2



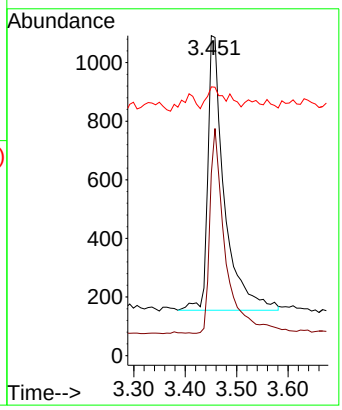


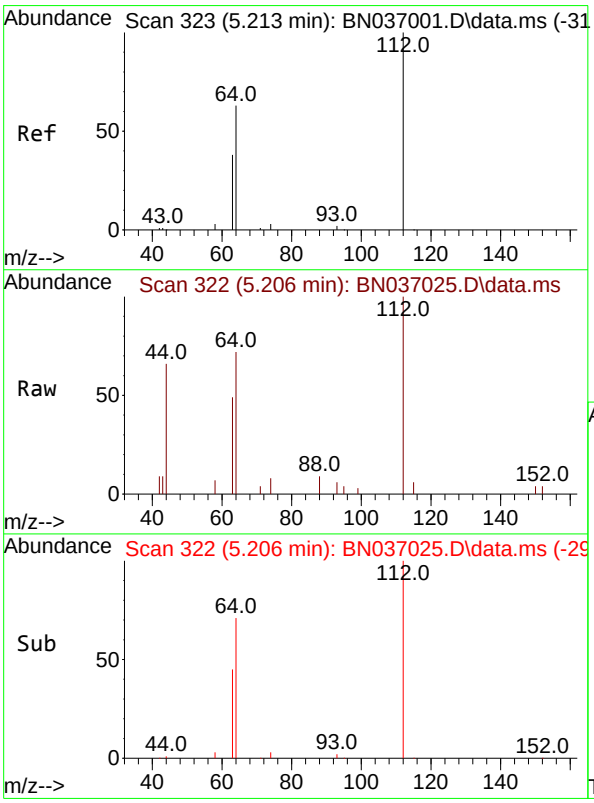
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.451 min Scan# 7
Delta R.T. -0.008 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2103

Ion	Ratio	Lower	Upper
42	100		
74	69.8	59.8	89.6
44	6.8	11.9	17.9#

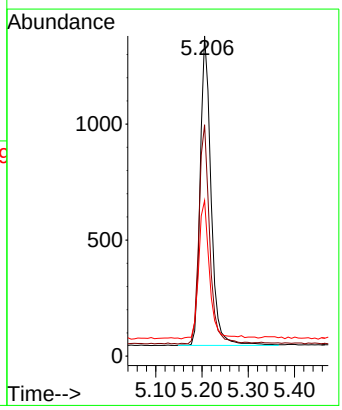


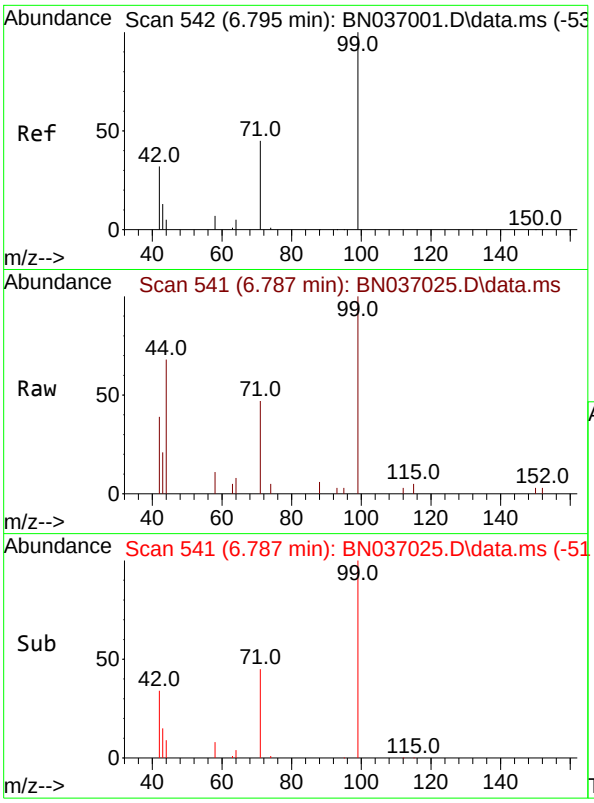


#4
2-Fluorophenol
Concen: 0.410 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:112 Resp: 2166

Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.7	83.5
63	45.6	34.6	51.8



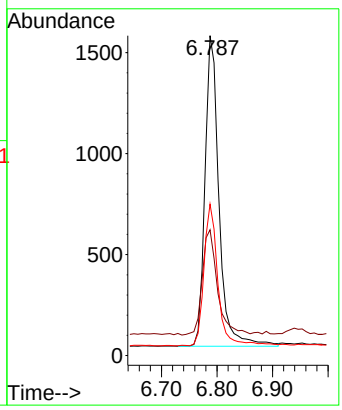


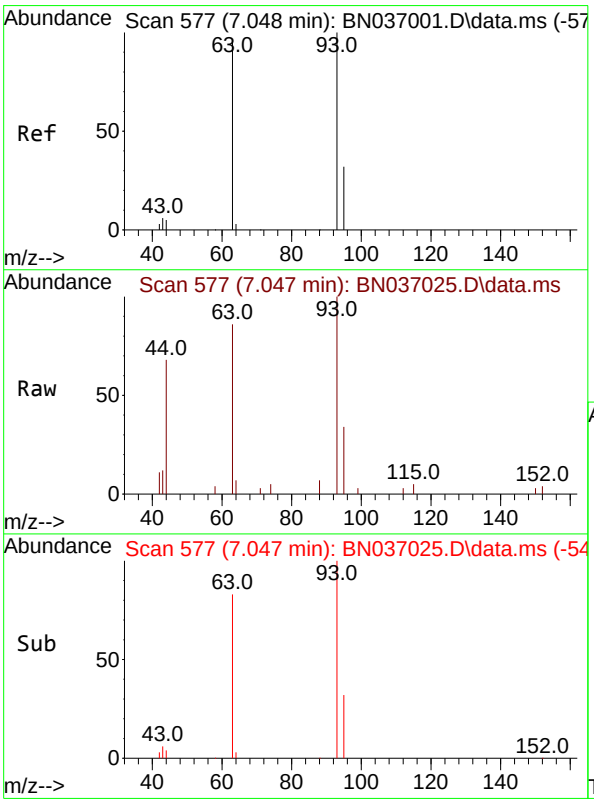
#5
Phenol-d6
Concen: 0.410 ng
RT: 6.787 min Scan# 54
Delta R.T. -0.008 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2706

Ion	Ratio	Lower	Upper
99	100		
42	36.6	29.3	43.9
71	45.3	35.7	53.5

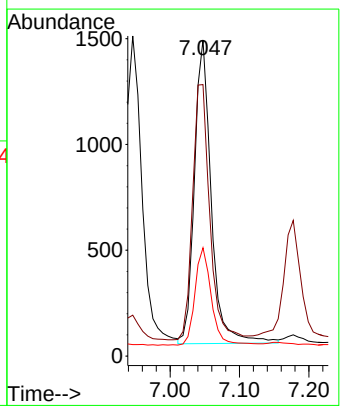


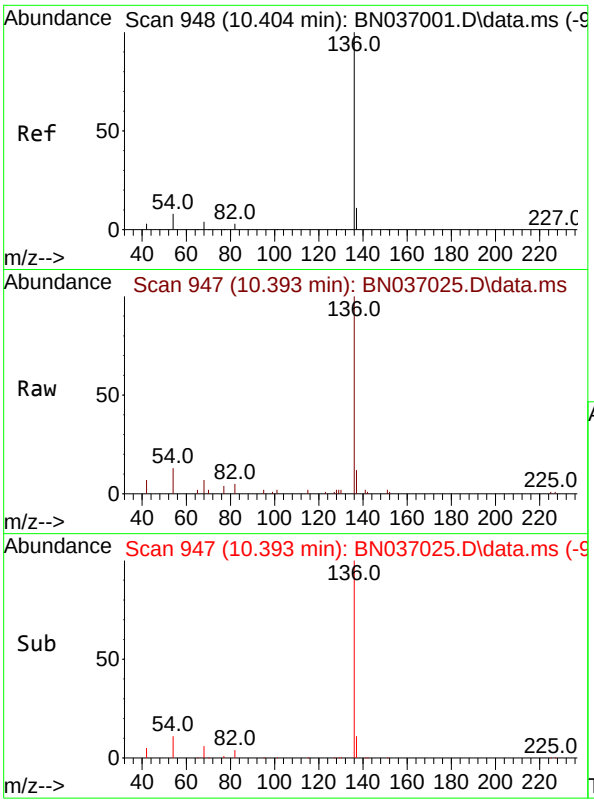


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.047 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion: 93 Resp: 2426

Ion	Ratio	Lower	Upper
93	100		
63	85.8	70.1	105.1
95	31.3	26.2	39.2



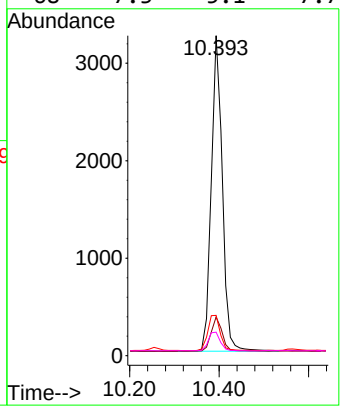


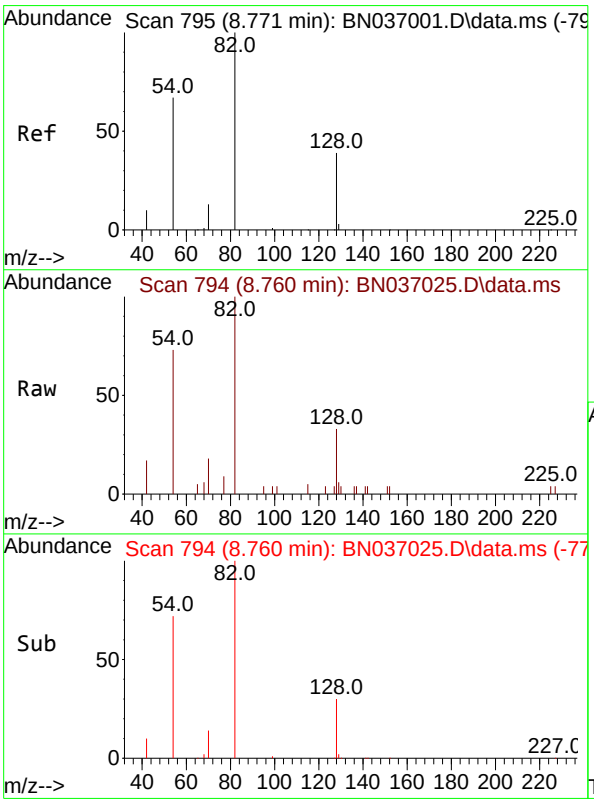
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5524

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.4	15.6
54	12.6	8.5	12.7
68	7.3	5.1	7.7

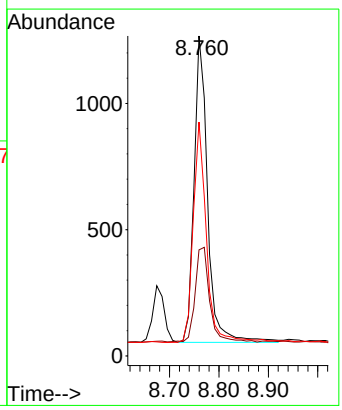


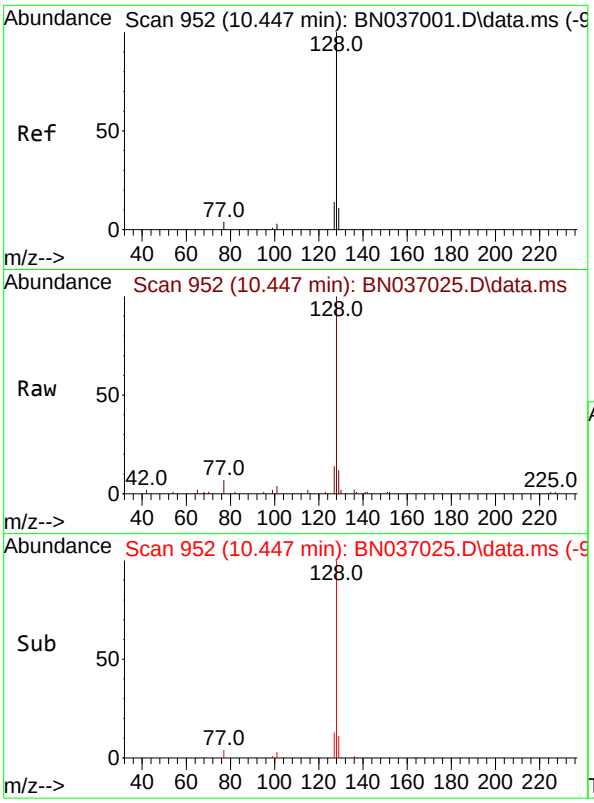


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion: 82 Resp: 2299

Ion	Ratio	Lower	Upper
82	100		
128	33.1	34.0	51.0#
54	73.1	55.0	82.4



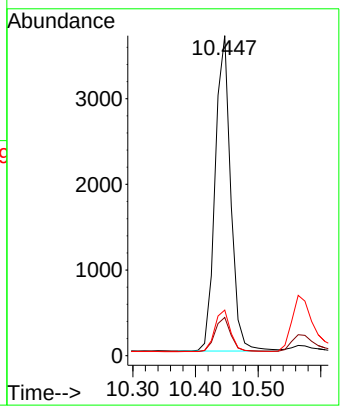


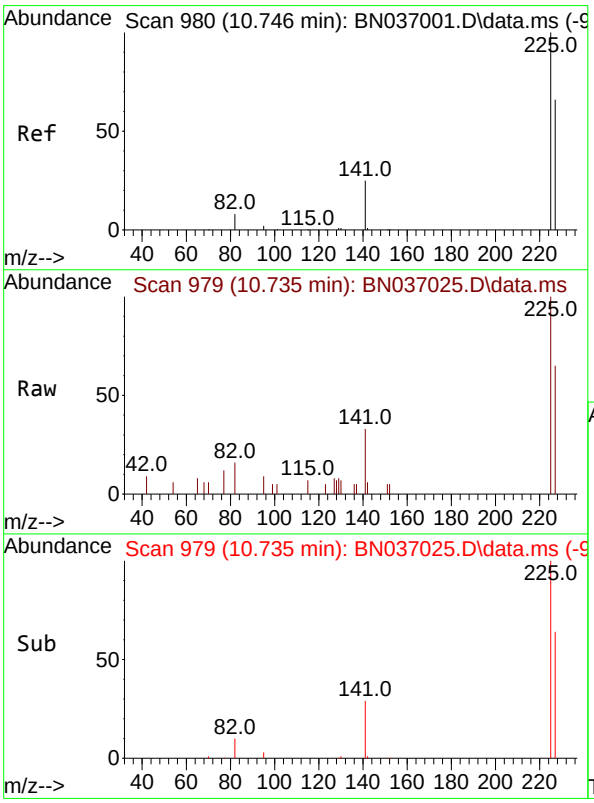
#9
Naphthalene
Concen: 0.390 ng
RT: 10.447 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6358

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	14.3	12.4	18.6

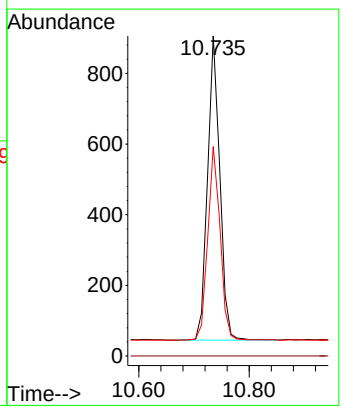


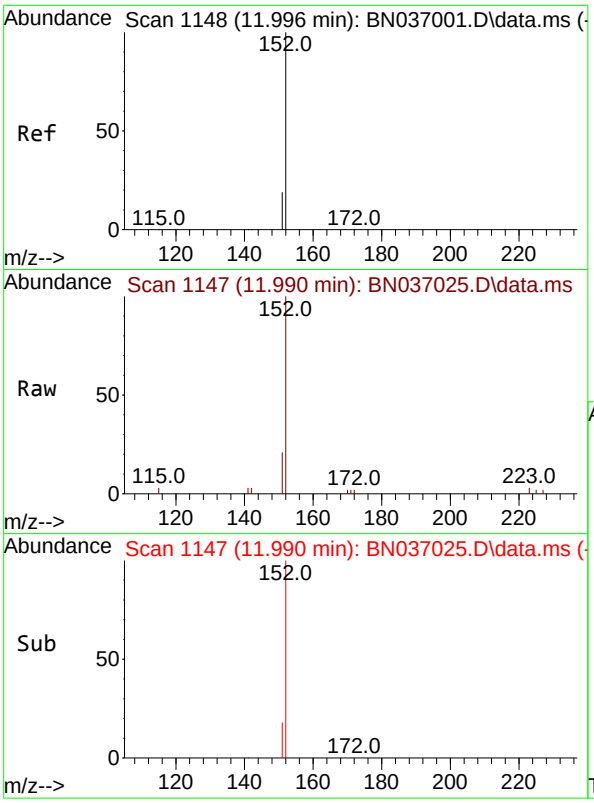


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:225 Resp: 1335

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.9	76.3



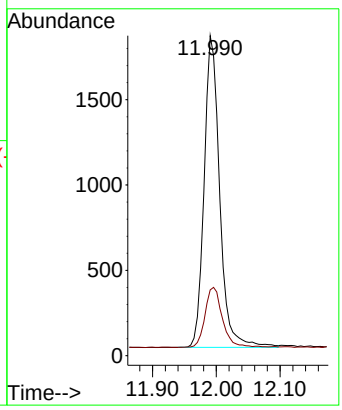


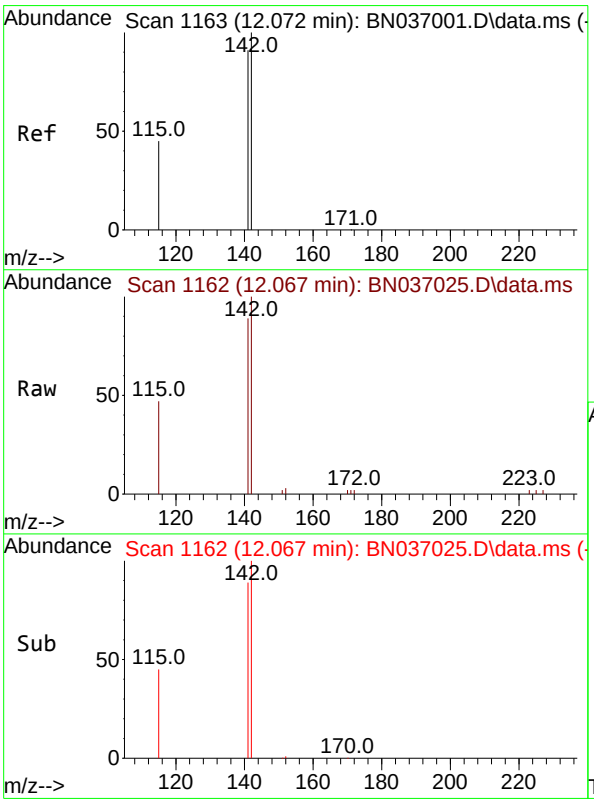
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.990 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3096

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.5	26.3

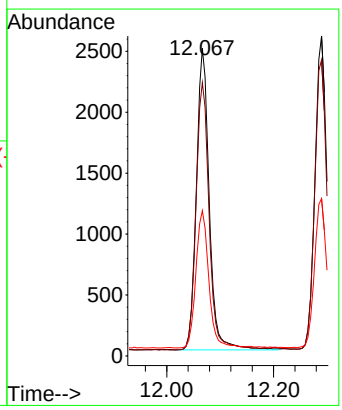


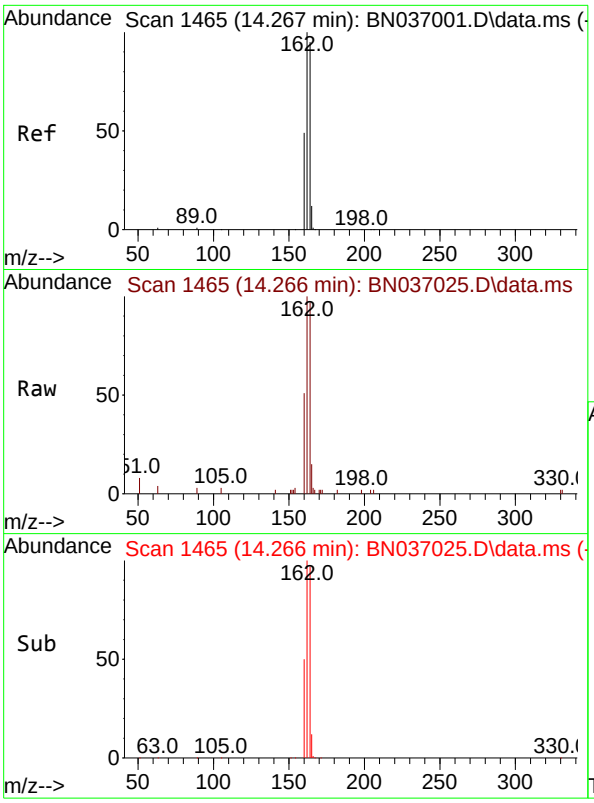


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.067 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:142 Resp: 4161

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.3	109.9
115	47.2	38.4	57.6



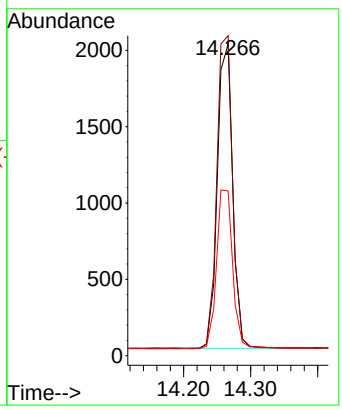


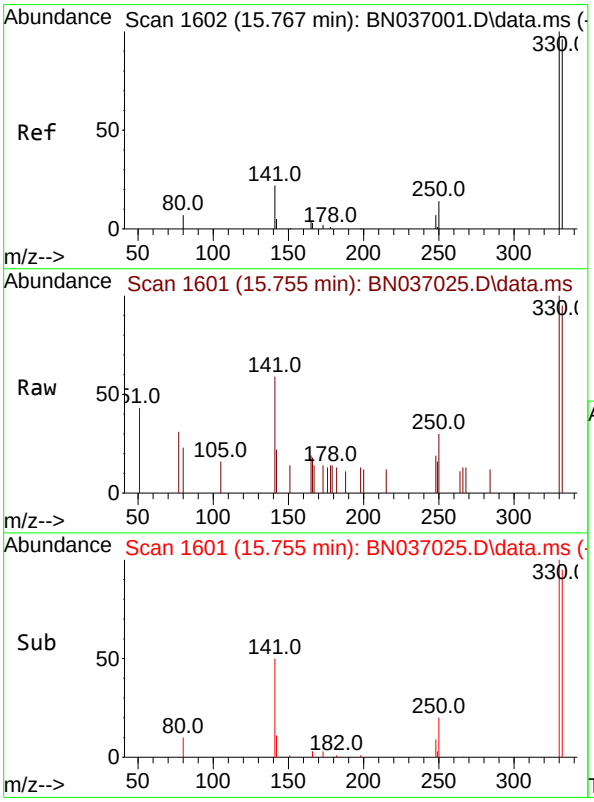
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3171

Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.2	126.4
160	52.8	42.6	63.8

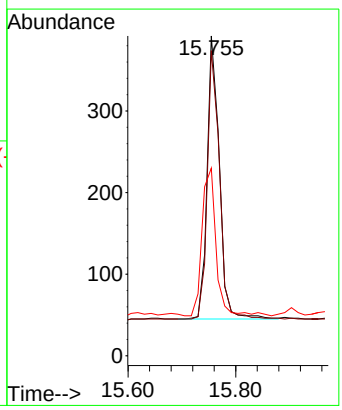


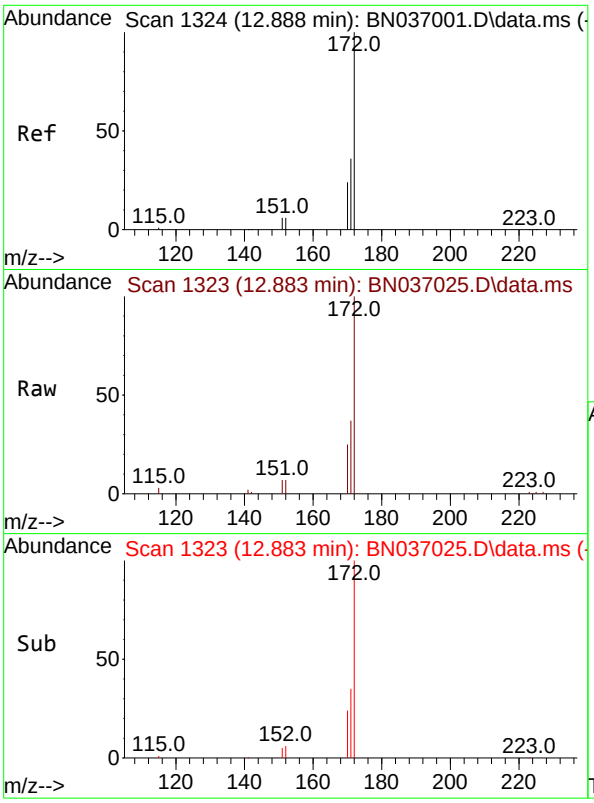


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.013 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:330 Resp: 545

Ion	Ratio	Lower	Upper
330	100		
332	94.9	73.8	110.8
141	60.2	43.9	65.9



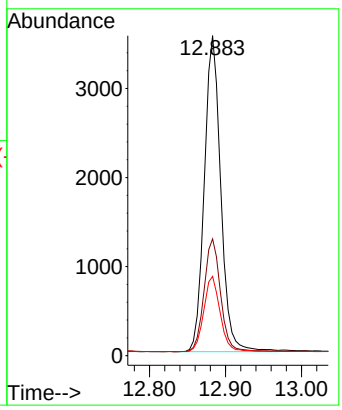


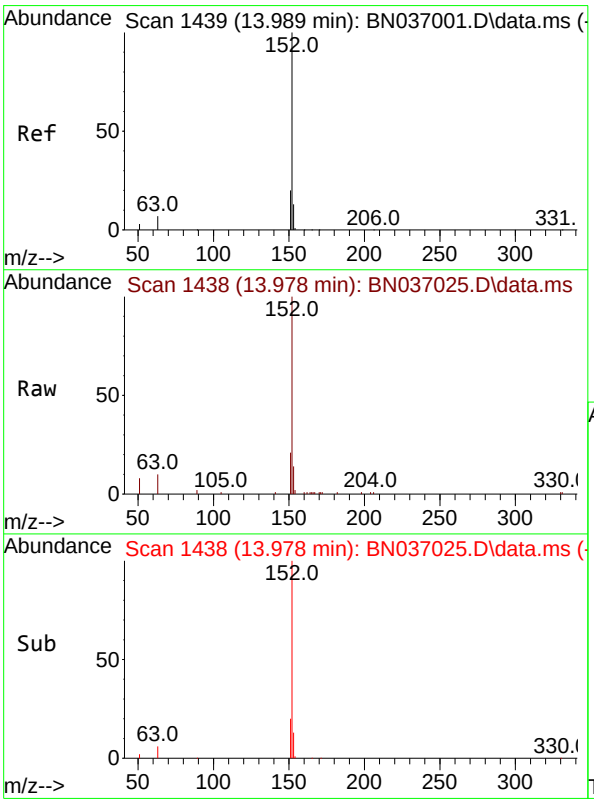
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.883 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5338

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.8	20.5	30.7

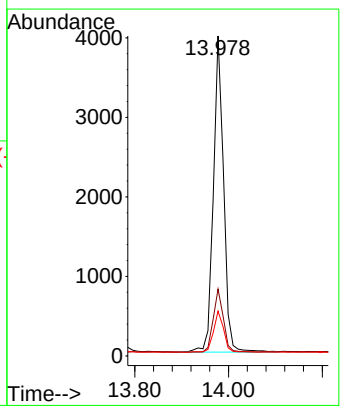


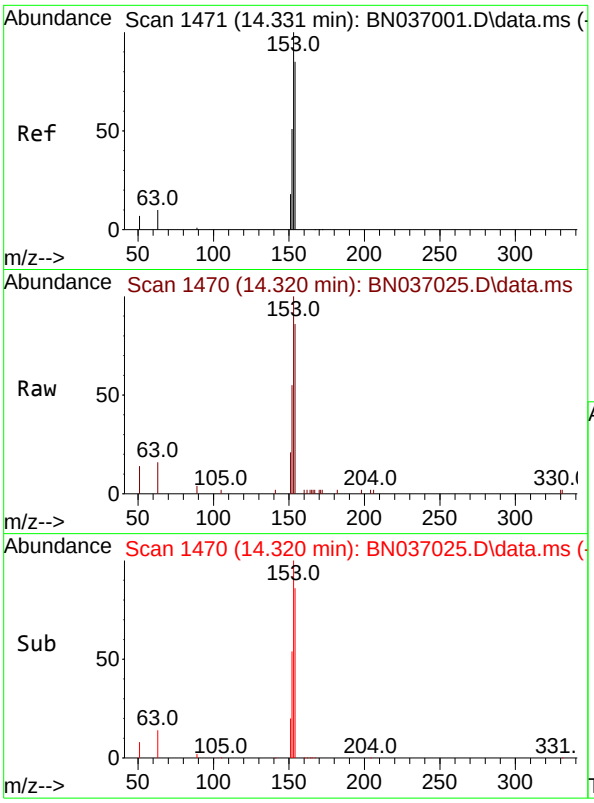


#16
Acenaphthylene
Concen: 0.391 ng
RT: 13.978 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:152 Resp: 6037

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.5	15.7



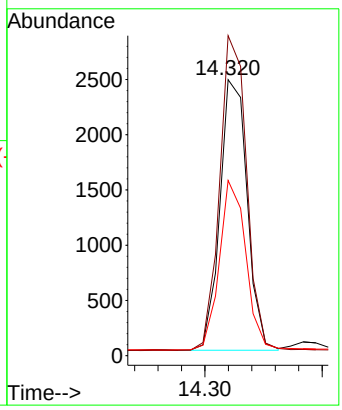


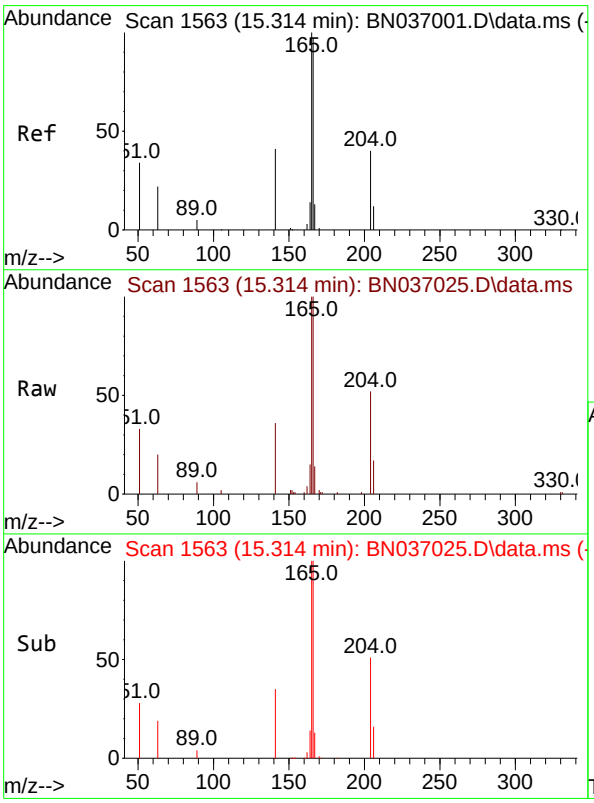
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.320 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3955

Ion	Ratio	Lower	Upper
154	100		
153	115.4	94.2	141.4
152	61.6	49.4	74.0

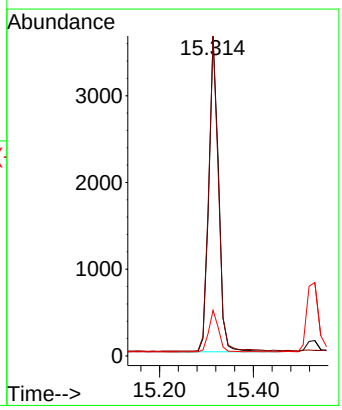


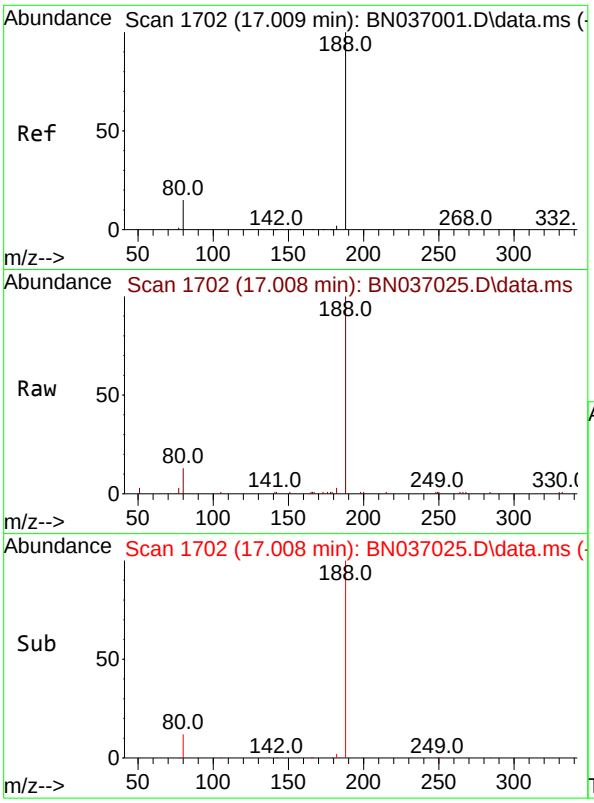


#18
Fluorene
Concen: 0.395 ng
RT: 15.314 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:166 Resp: 5232

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.6	120.8
167	13.3	10.6	16.0



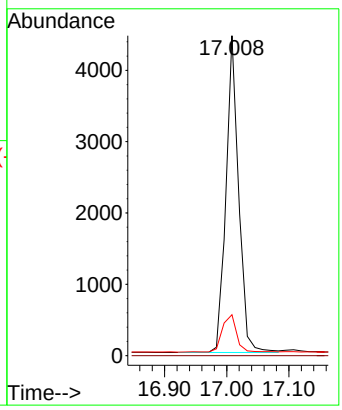


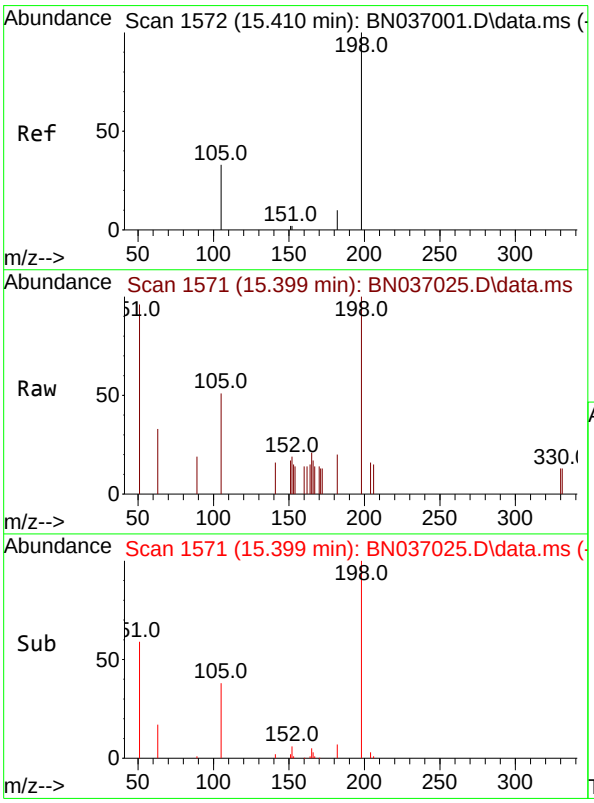
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.008 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6273

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	13.4	20.0#

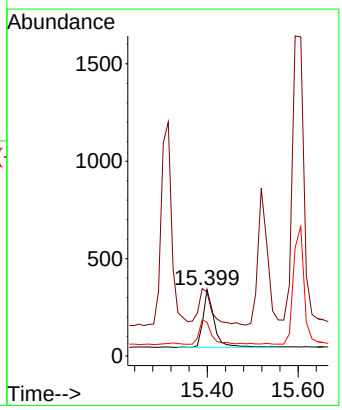


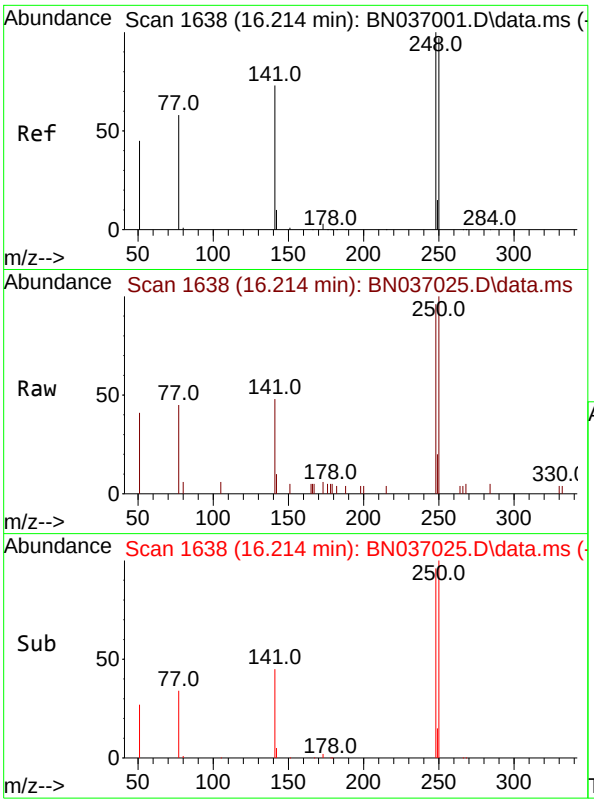


#20
4,6-Dinitro-2-methylphenol
Concen: 0.419 ng
RT: 15.399 min Scan# 1571
Delta R.T. -0.011 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:198 Resp: 511

Ion	Ratio	Lower	Upper
198	100		
51	96.2	87.8	131.6
105	51.0	44.2	66.4



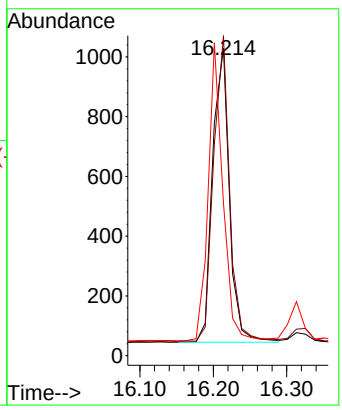


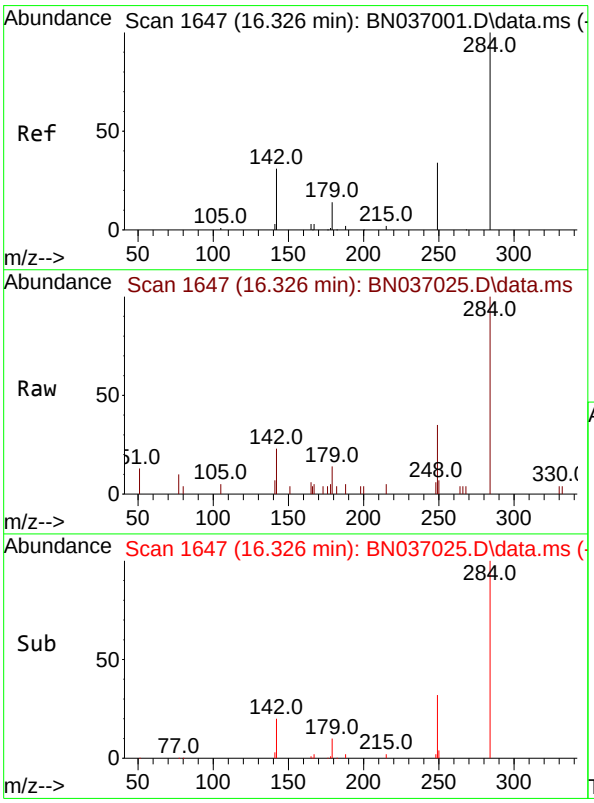
#21
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.214 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1564

Ion	Ratio	Lower	Upper
248	100		
250	104.0	78.1	117.1
141	49.5	59.7	89.5#

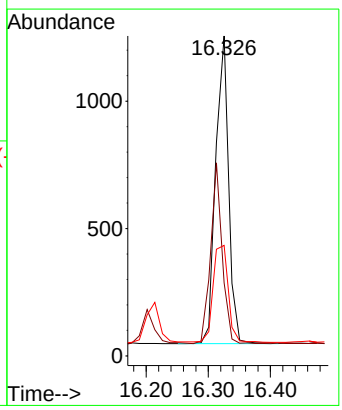


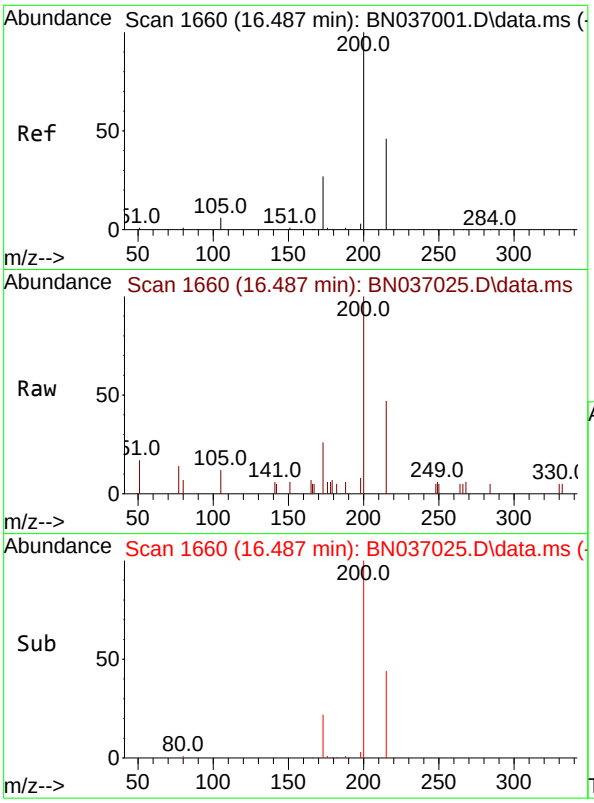


#22
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.326 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:284 Resp: 1739

Ion	Ratio	Lower	Upper
284	100		
142	53.1	41.2	61.8
249	37.3	28.7	43.1



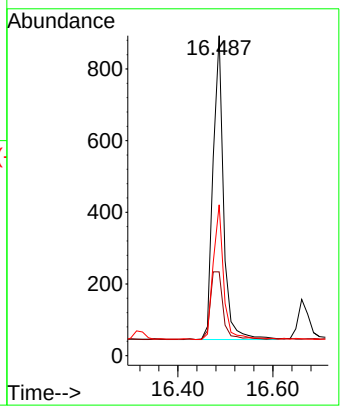


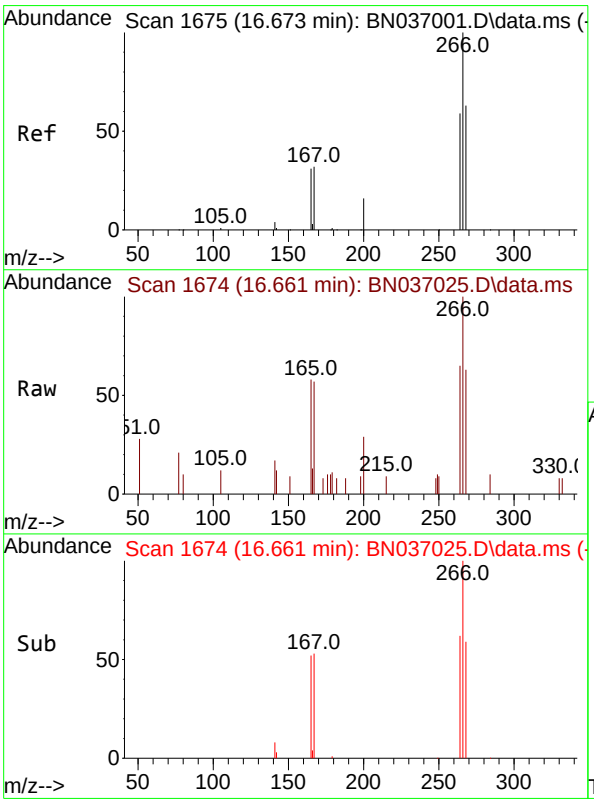
#23
Atrazine
Concen: 0.375 ng
RT: 16.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1297

Ion	Ratio	Lower	Upper
200	100		
173	26.2	25.2	37.8
215	47.1	39.3	58.9

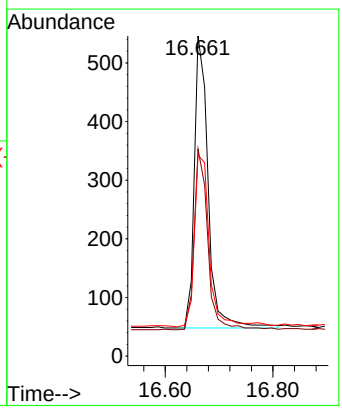


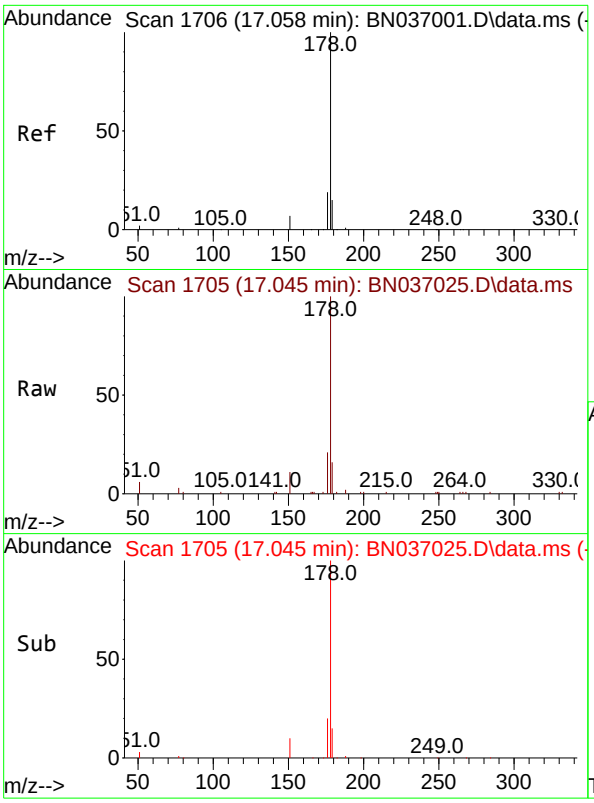


#24
Pentachlorophenol
Concen: 0.381 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.013 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:266 Resp: 890

Ion	Ratio	Lower	Upper
266	100		
264	60.9	47.9	71.9
268	62.8	50.0	75.0



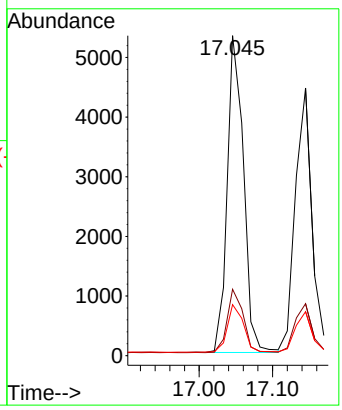


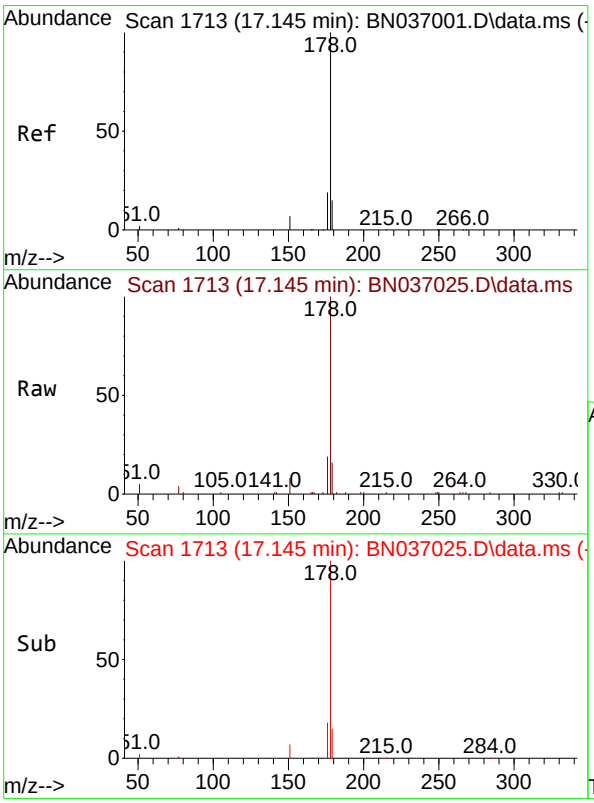
#25
Phenanthrene
Concen: 0.399 ng
RT: 17.045 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8176

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.1	12.2	18.2

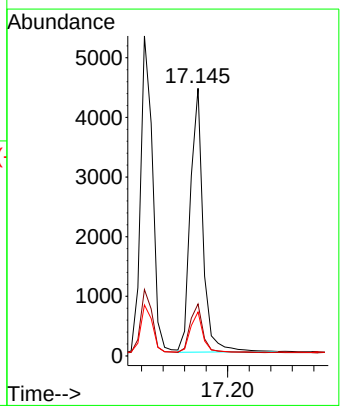


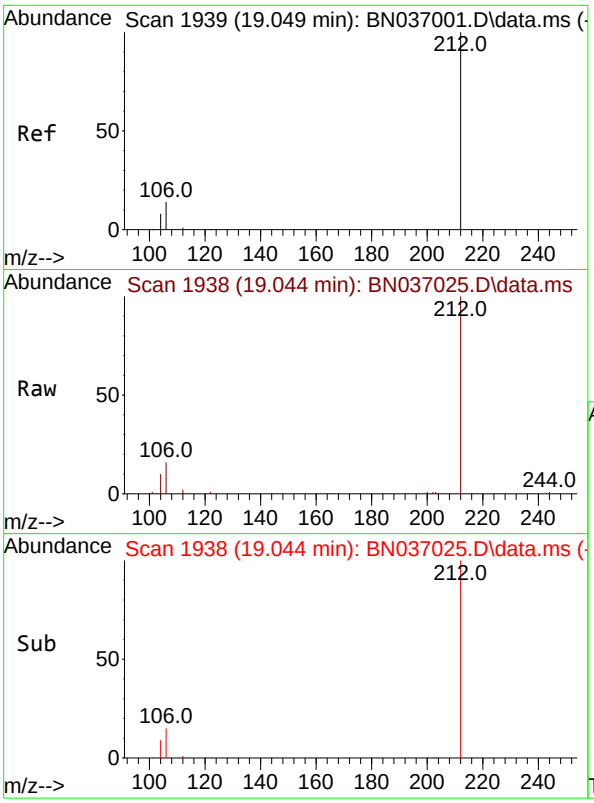


#26
Anthracene
Concen: 0.387 ng
RT: 17.145 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:178 Resp: 7217

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	14.8	12.3	18.5



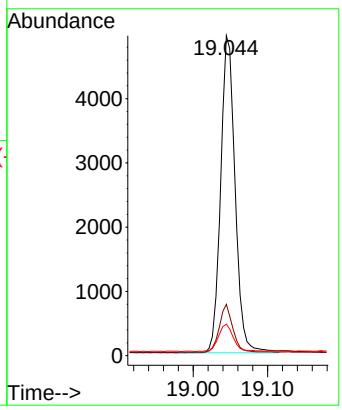


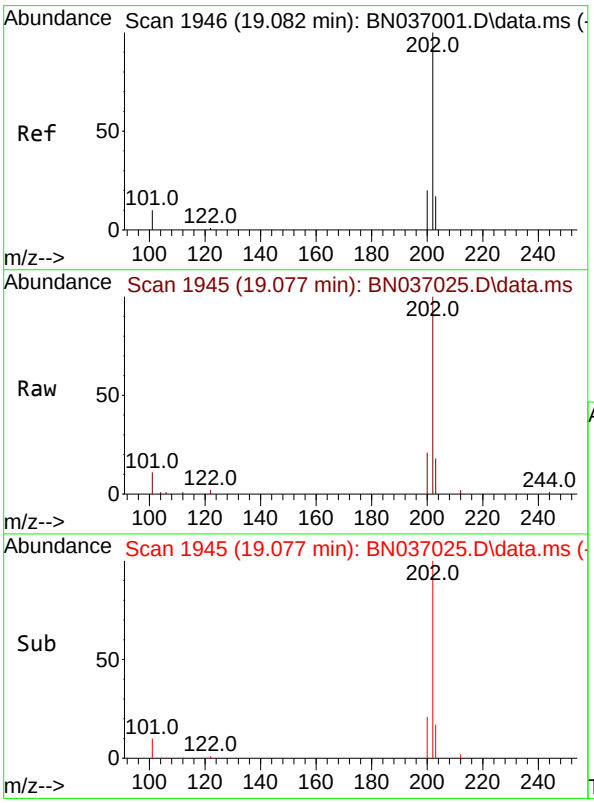
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.044 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6664

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.3	16.9
104	8.9	6.7	10.1

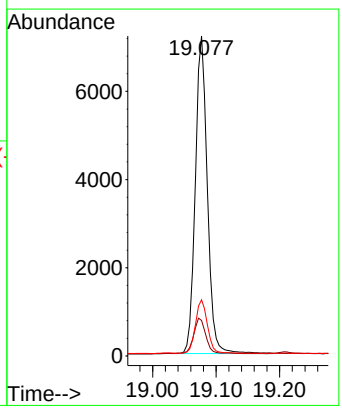


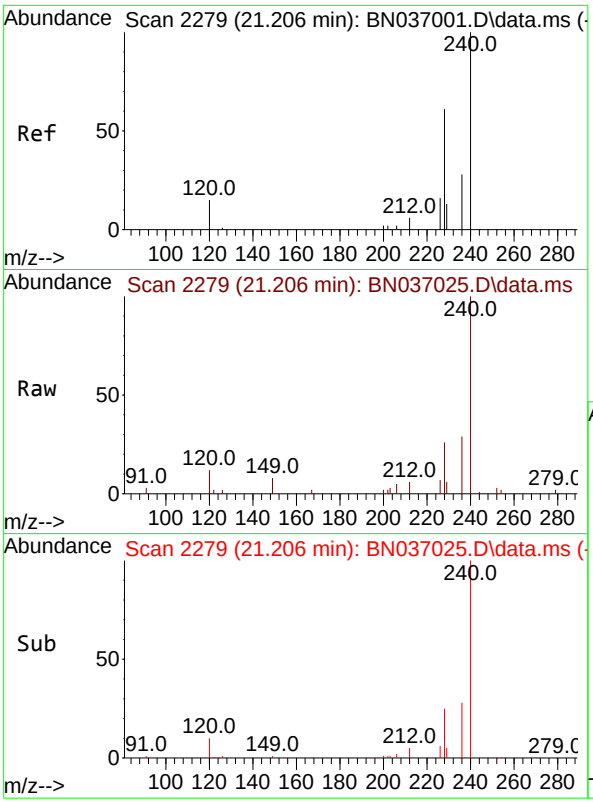


#28
Fluoranthene
Concen: 0.386 ng
RT: 19.077 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:202 Resp: 9461

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	16.7	13.8	20.8



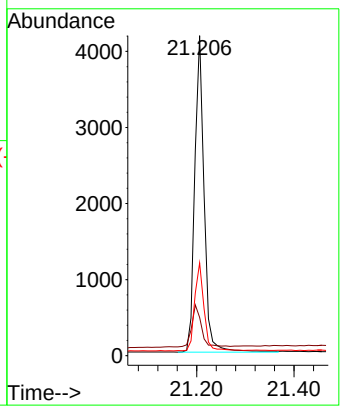


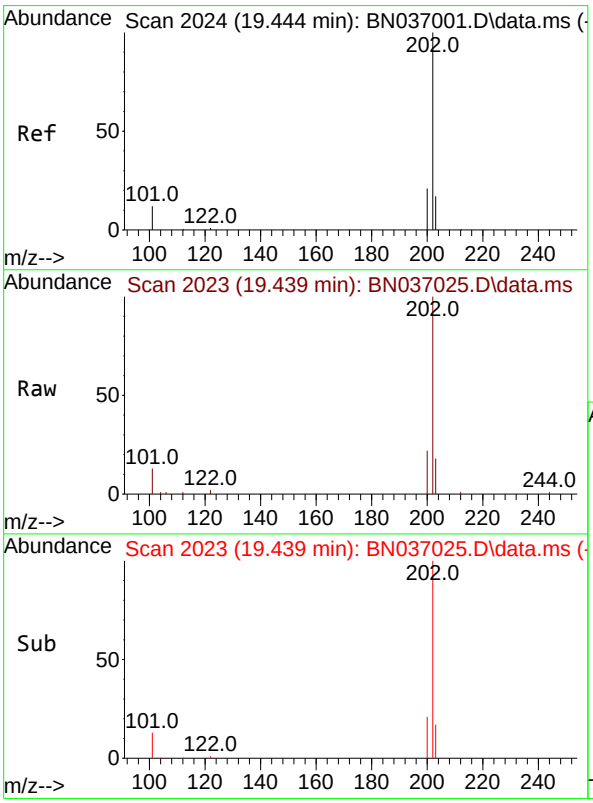
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5549

Ion	Ratio	Lower	Upper
240	100		
120	12.0	15.1	22.7#
236	29.0	24.0	36.0

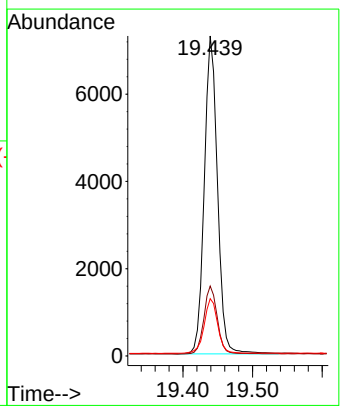


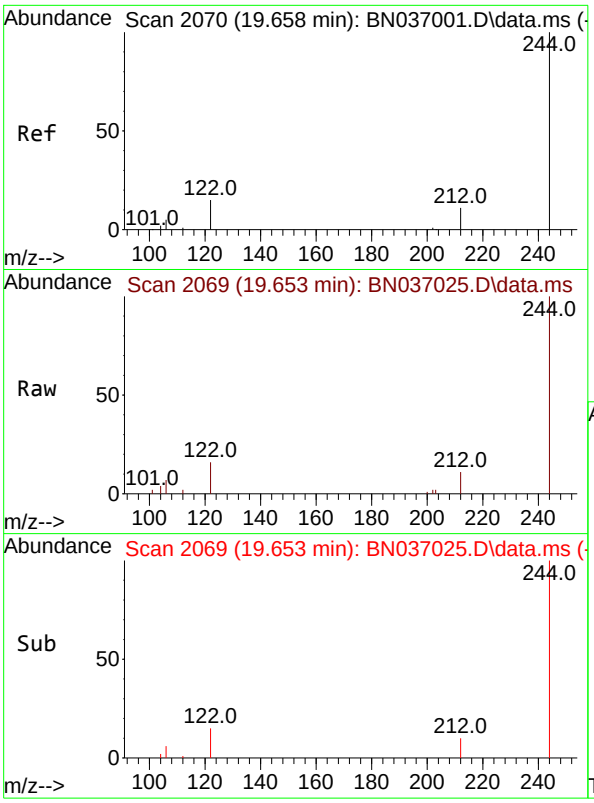


#30
Pyrene
Concen: 0.403 ng
RT: 19.439 min Scan# 2023
Delta R.T. -0.005 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:202 Resp: 9573

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.6	14.2	21.4



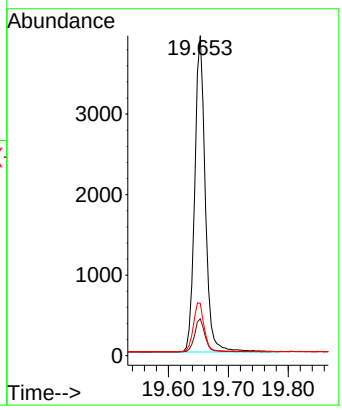


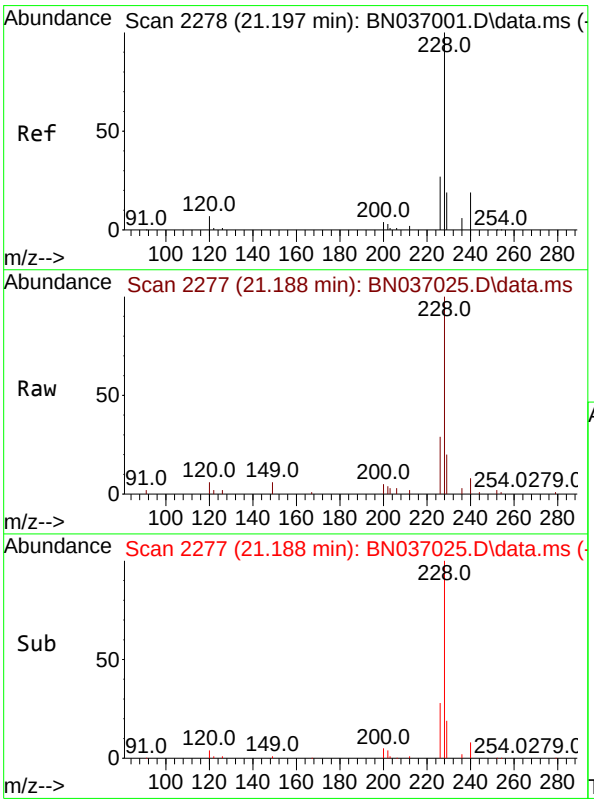
#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.653 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4809

Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.7	14.5
122	16.3	13.4	20.0

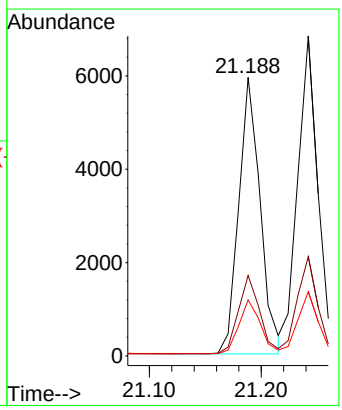


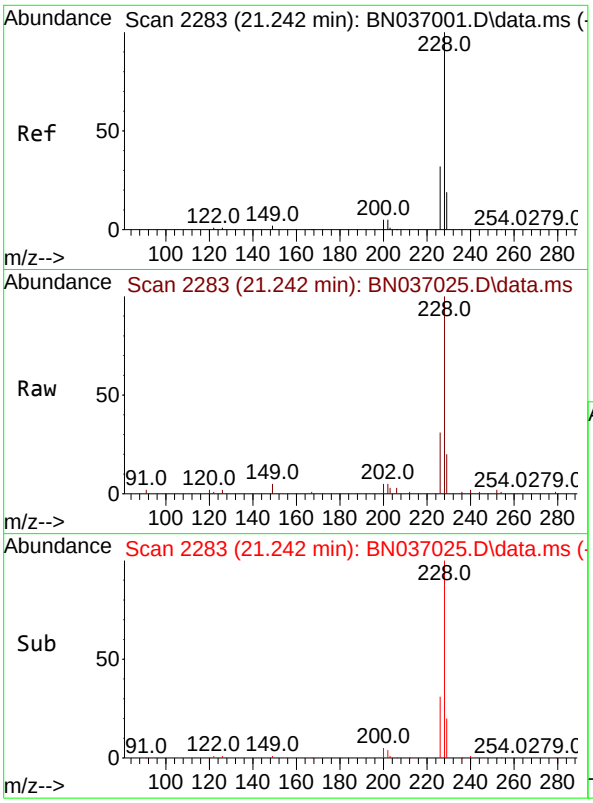


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.188 min Scan# 2277
Delta R.T. -0.009 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:228 Resp: 7869

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.4
229	20.1	16.0	24.0



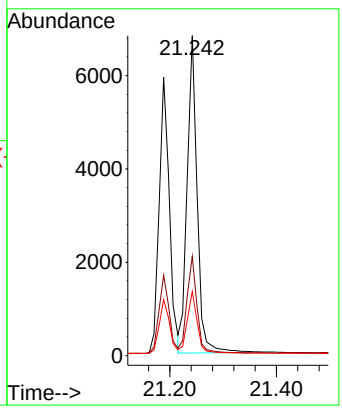


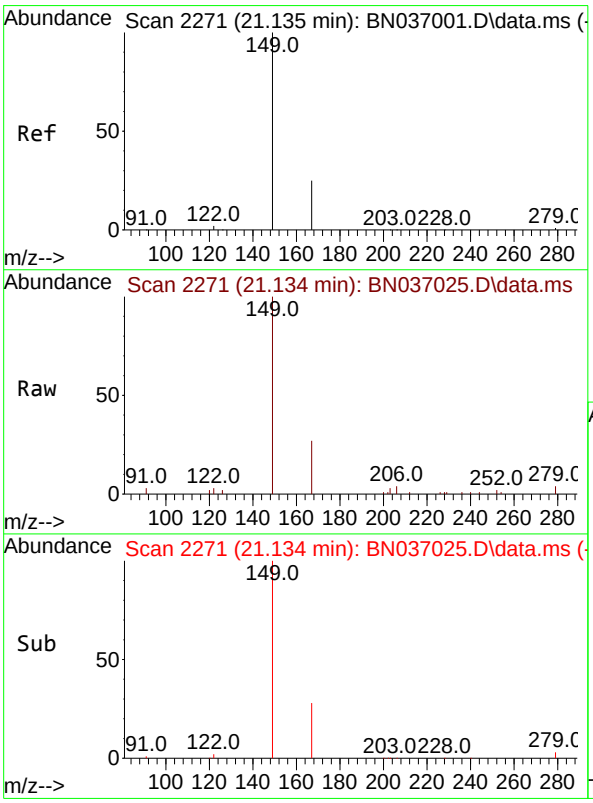
#33
Chrysene
Concen: 0.403 ng
RT: 21.242 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8915

Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.3	39.5
229	20.1	16.2	24.2

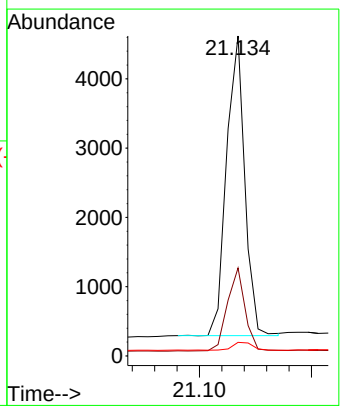


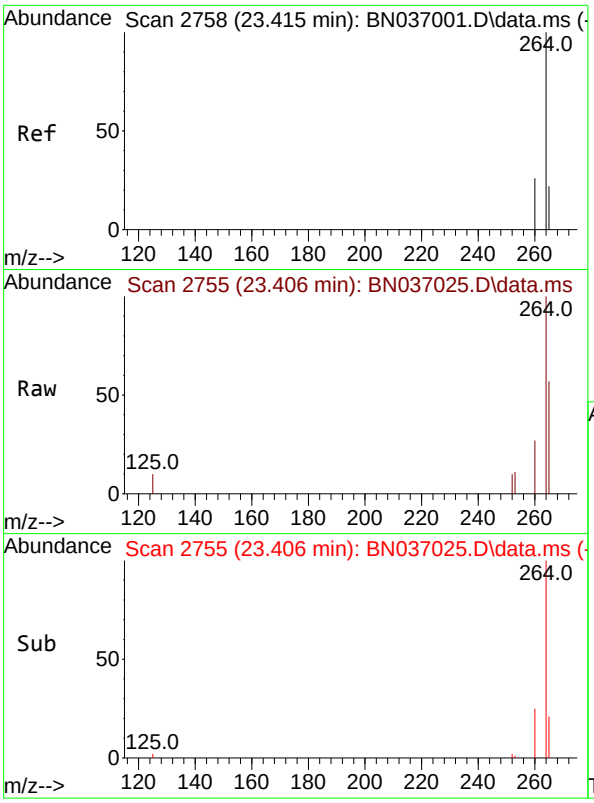


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.382 ng
RT: 21.134 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:149 Resp: 4908

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.6	30.8
279	3.0	2.6	3.8



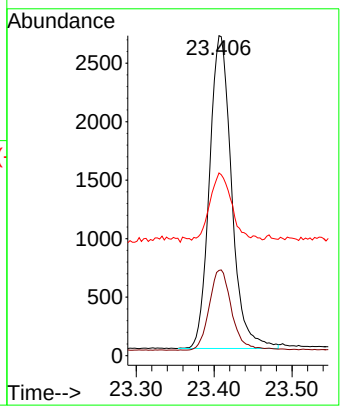


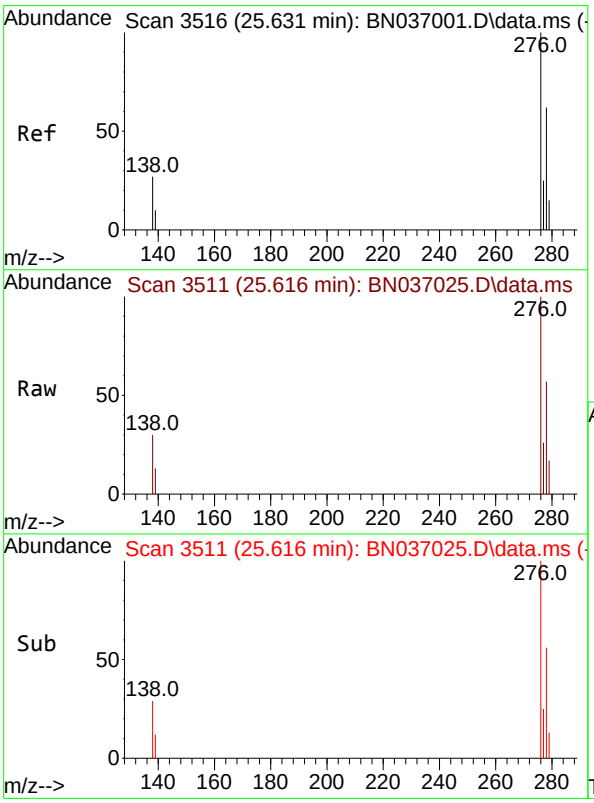
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.406 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5292

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.9	32.9
265	57.1	51.6	77.4

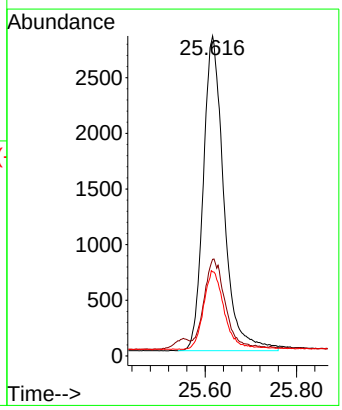


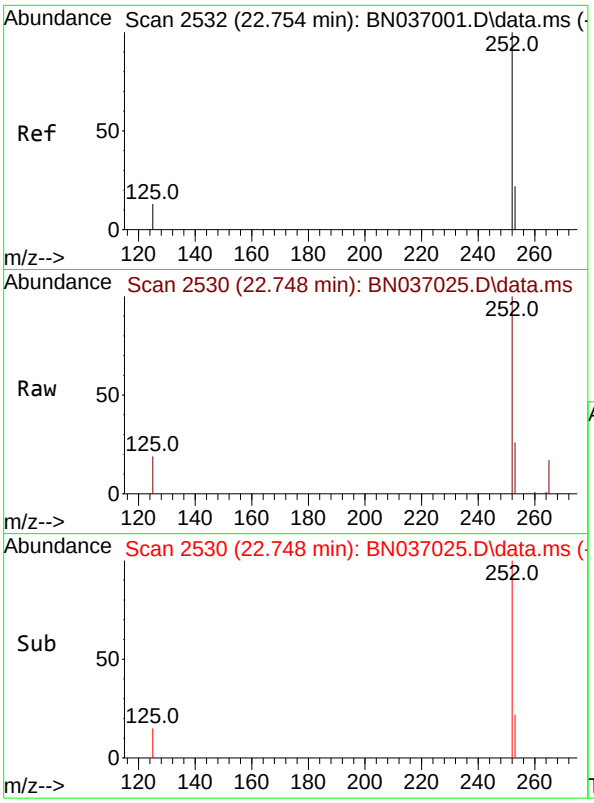


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 25.616 min Scan# 3511
Delta R.T. -0.015 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:276 Resp: 8802

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.7	34.1
277	25.2	20.0	30.0



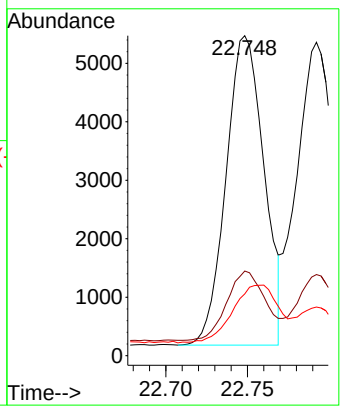


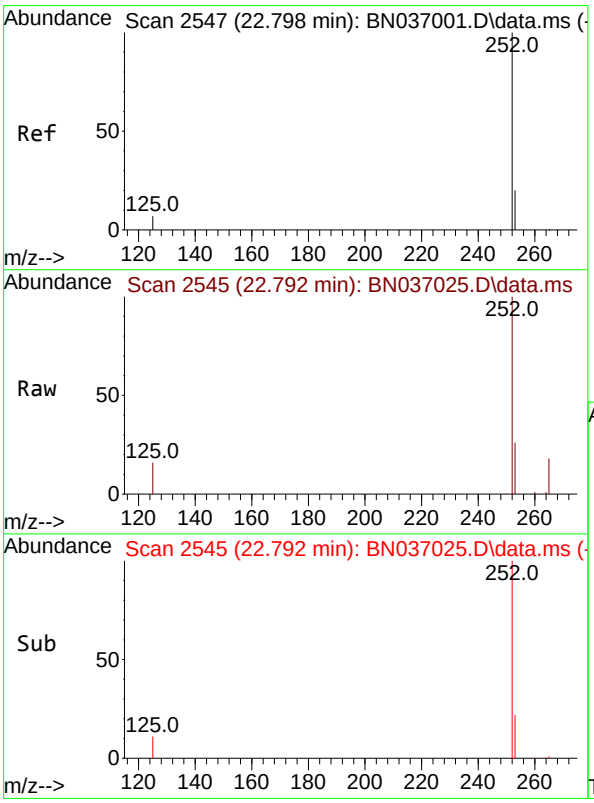
#37
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 22.748 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8546

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.8	32.6
125	19.3	14.6	21.8

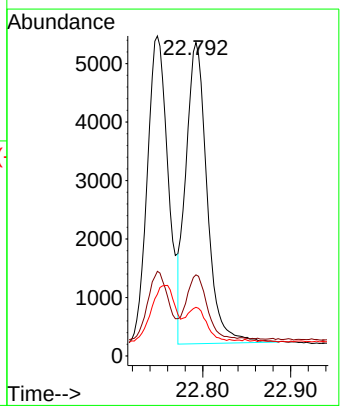


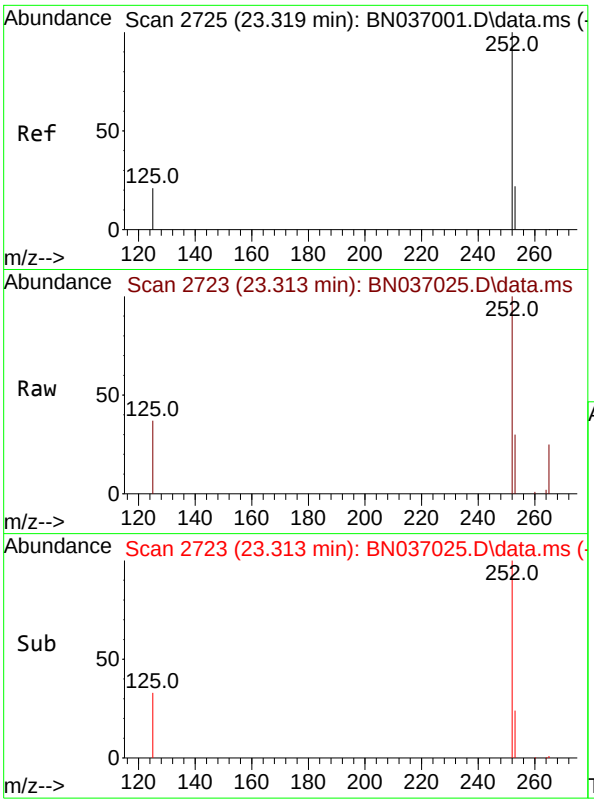


#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.792 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:252 Resp: 8643

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.4	32.2
125	15.5	13.0	19.4



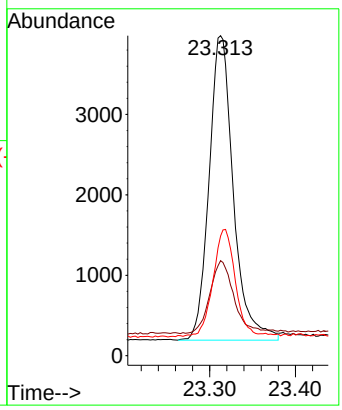


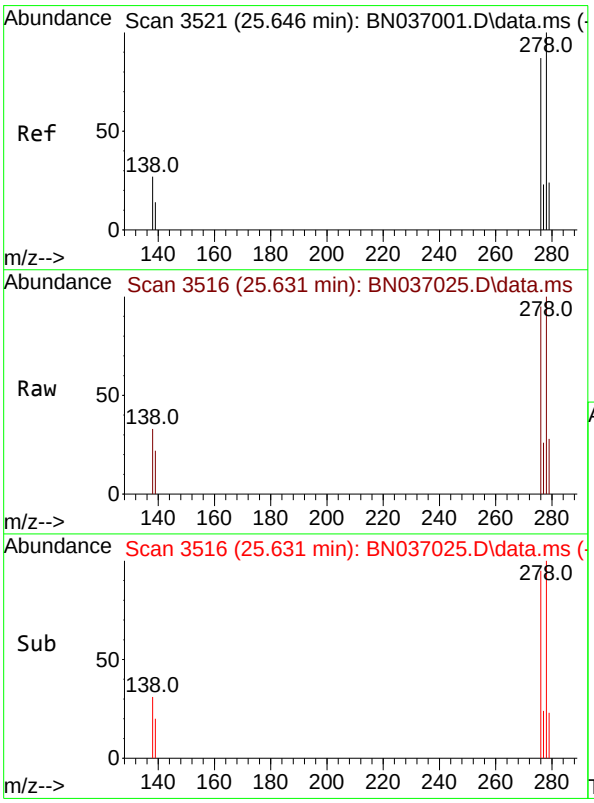
#39
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.313 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7451

Ion	Ratio	Lower	Upper
252	100		
253	29.7	23.8	35.6
125	37.4	21.8	32.6#

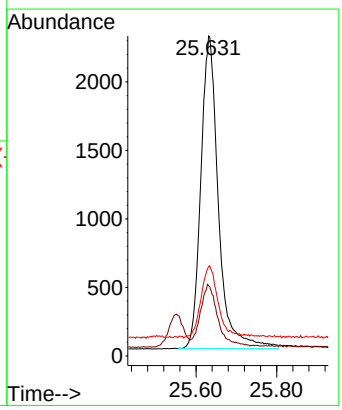


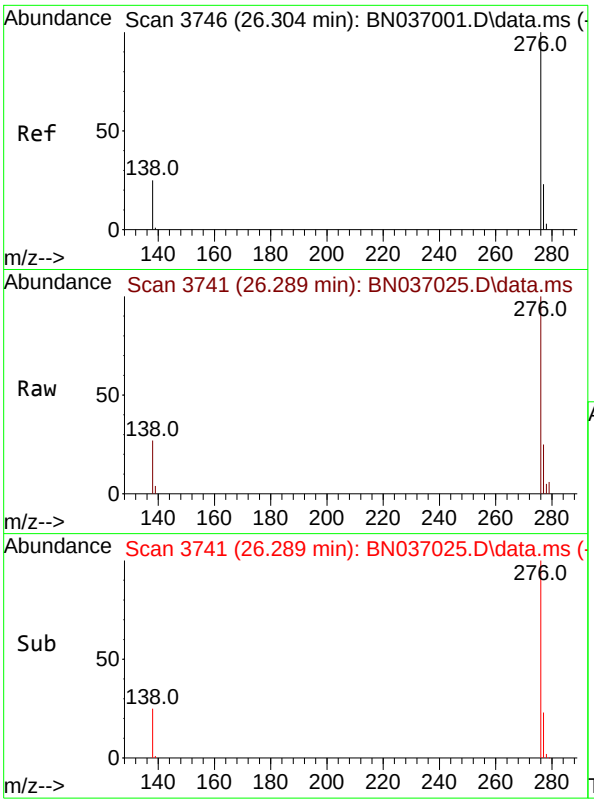


#40
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.631 min Scan# 3516
Delta R.T. -0.015 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Tgt Ion:278 Resp: 6903

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.4	26.0
279	27.9	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 26.289 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN037025.D
Acq: 15 May 2025 09:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7441

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	27.3	22.0	33.0