Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN036999.D
Acq On : 13 May 2025 17:41
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 14 10:59:44 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 10:57:36 2025
Response via : Initial Calibration

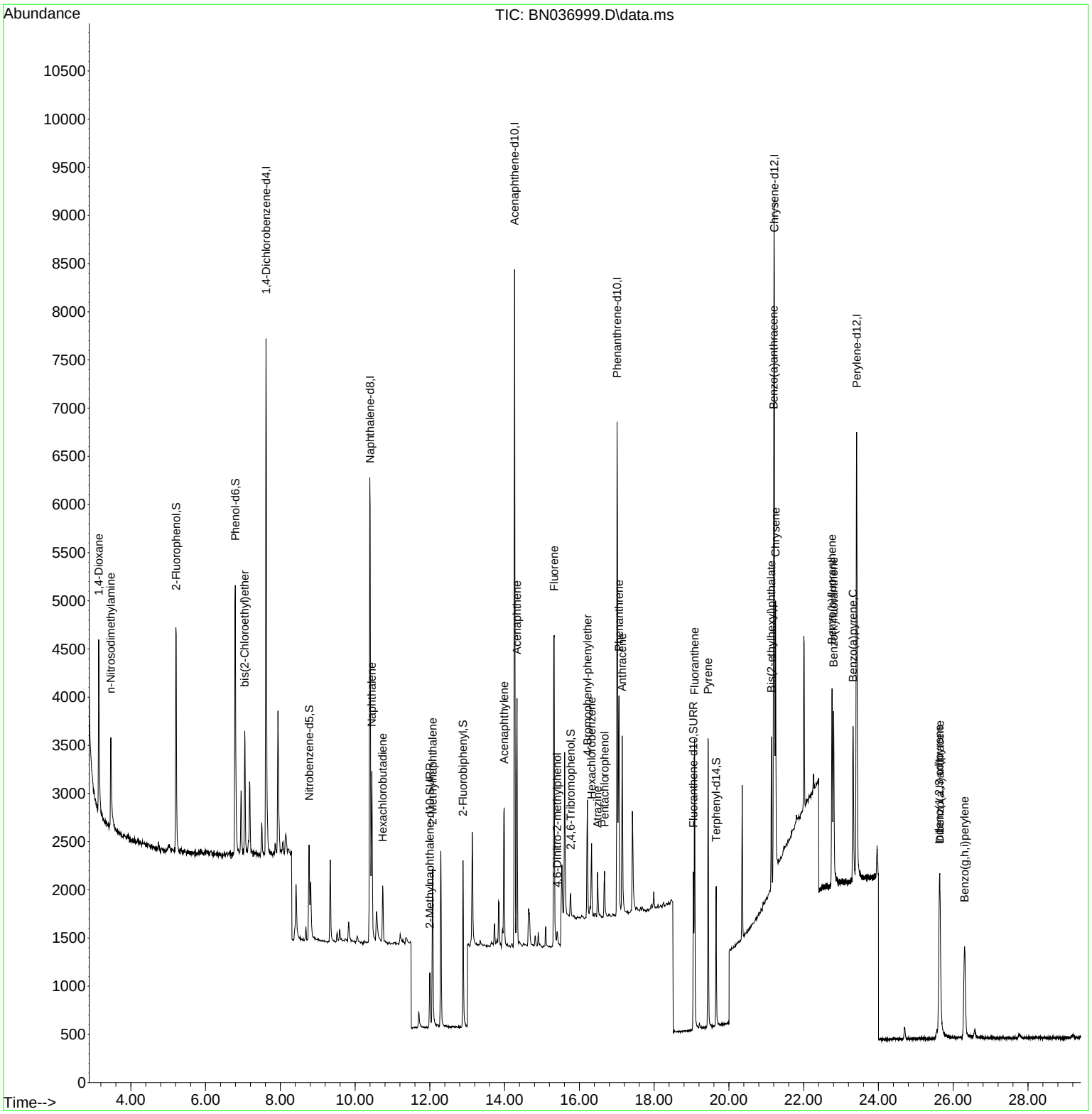
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	2512	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	6713	0.400	ng		0.00
13) Acenaphthene-d10	14.267	164	3705	0.400	ng		0.00
19) Phenanthrene-d10	17.009	188	7492	0.400	ng		0.00
29) Chrysene-d12	21.216	240	6297	0.400	ng	#	0.00
35) Perylene-d12	23.418	264	6037	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	1766	0.268	ng		0.00
5) Phenol-d6	6.795	99	2379	0.289	ng		0.00
8) Nitrobenzene-d5	8.771	82	917	0.125	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	888	0.094	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	161	0.099	ng		0.00
15) 2-Fluorobiphenyl	12.889	172	1771	0.104	ng		0.00
27) Fluoranthene-d10	19.049	212	1934	0.094	ng		0.00
31) Terphenyl-d14	19.658	244	1412	0.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1165	0.378	ng		97
3) n-Nitrosodimethylamine	3.466	42	920	0.139	ng	#	94
6) bis(2-Chloroethyl)ether	7.048	93	905	0.119	ng		98
9) Naphthalene	10.447	128	2225	0.112	ng		97
10) Hexachlorobutadiene	10.735	225	480	0.115	ng	#	100
12) 2-Methylnaphthalene	12.072	142	1266	0.099	ng		98
16) Acenaphthylene	13.989	152	1765	0.098	ng		99
17) Acenaphthene	14.331	154	1162	0.099	ng		99
18) Fluorene	15.325	166	1484	0.096	ng		99
20) 4,6-Dinitro-2-methylph...	15.411	198	113	0.093	ng	#	1
21) 4-Bromophenyl-phenylether	16.214	248	455	0.096	ng		98
22) Hexachlorobenzene	16.326	284	500	0.099	ng		97
23) Atrazine	16.487	200	372	0.090	ng	#	93
24) Pentachlorophenol	16.674	266	249	0.088	ng		97
25) Phenanthrene	17.058	178	2359	0.096	ng		99
26) Anthracene	17.145	178	2059	0.092	ng		99
28) Fluoranthene	19.082	202	2737	0.094	ng		100
30) Pyrene	19.444	202	2745	0.102	ng		100
32) Benzo(a)anthracene	21.198	228	2303	0.097	ng		96
33) Chrysene	21.251	228	2605	0.104	ng		97
34) Bis(2-ethylhexyl)phtha...	21.135	149	1504	0.103	ng		99
36) Indeno(1,2,3-cd)pyrene	25.629	276	2280	0.092	ng		97
37) Benzo(b)fluoranthene	22.758	252	2461	0.098	ng	#	75
38) Benzo(k)fluoranthene	22.801	252	2322	0.094	ng	#	73
39) Benzo(a)pyrene	23.322	252	2083	0.098	ng	#	62
40) Dibenzo(a,h)anthracene	25.646	278	1685	0.088	ng	#	78
41) Benzo(g,h,i)perylene	26.304	276	1960	0.094	ng	#	87

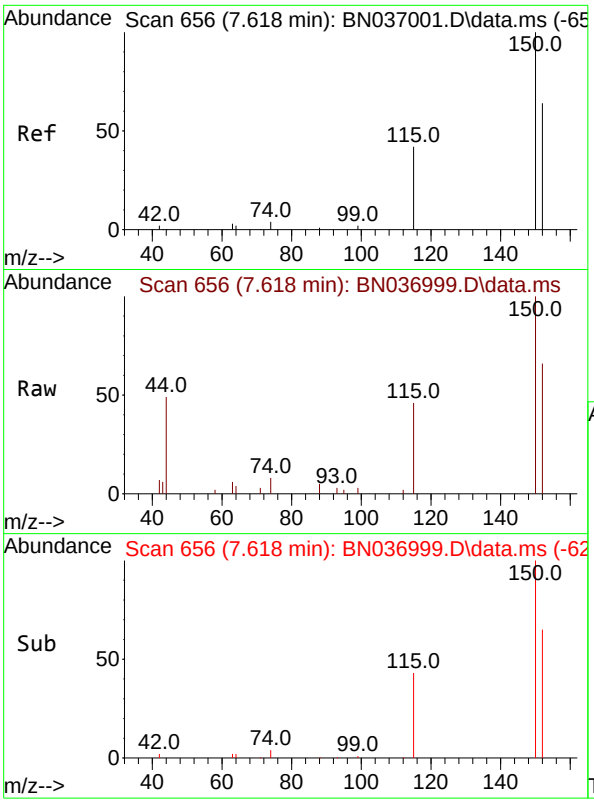
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN036999.D
Acq On : 13 May 2025 17:41
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 14 10:59:44 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 10:57:36 2025
Response via : Initial Calibration



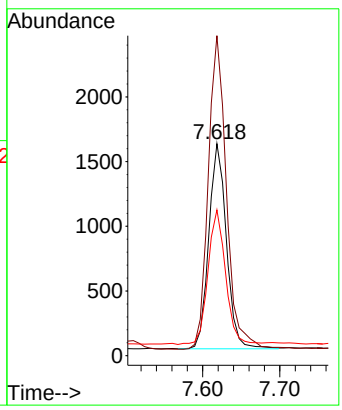


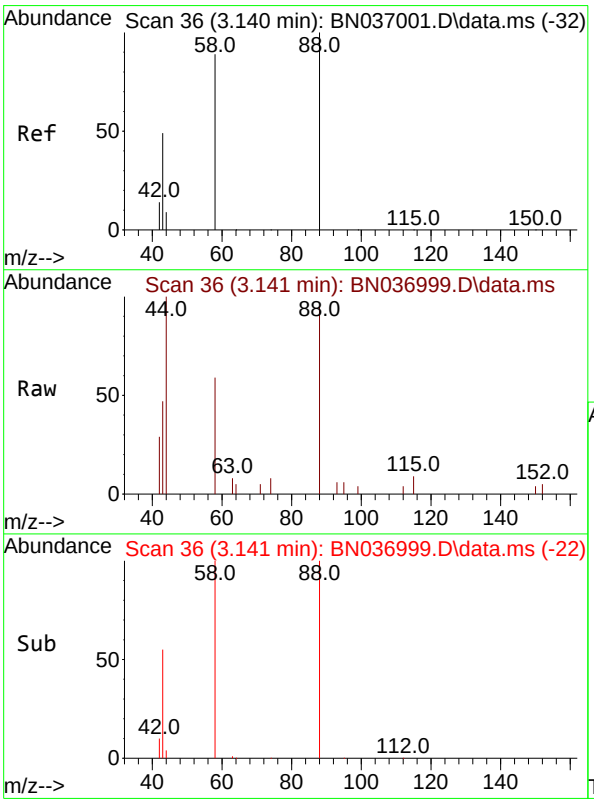
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2512

Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.9	185.9
115	68.7	55.8	83.8

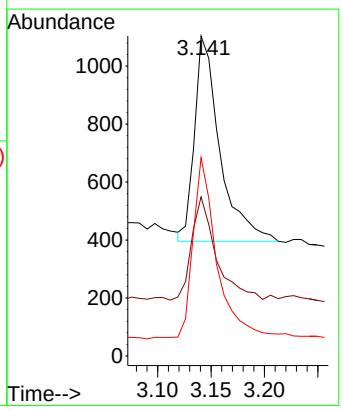


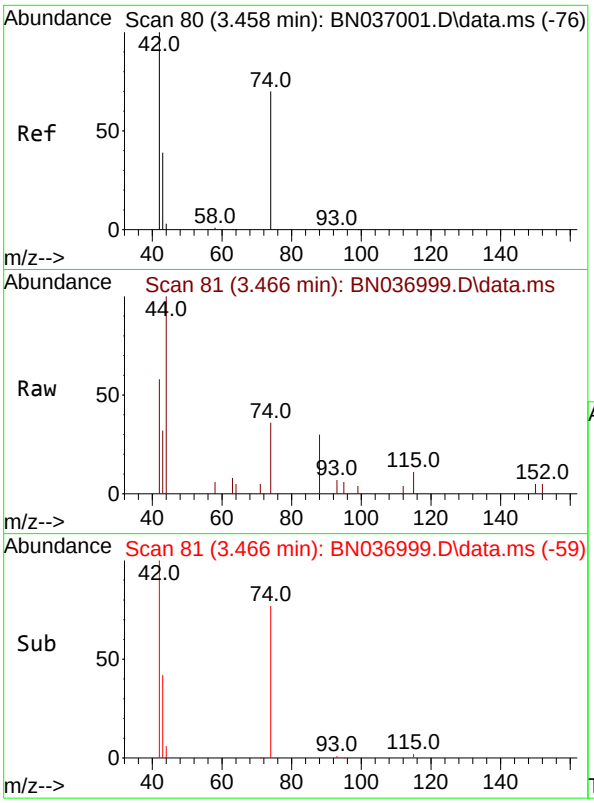


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion: 88 Resp: 1165

Ion	Ratio	Lower	Upper
88	100		
43	49.5	37.4	56.0
58	84.3	68.8	103.2



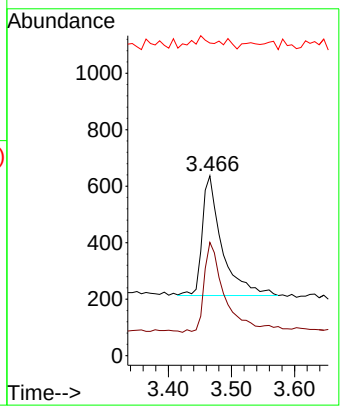


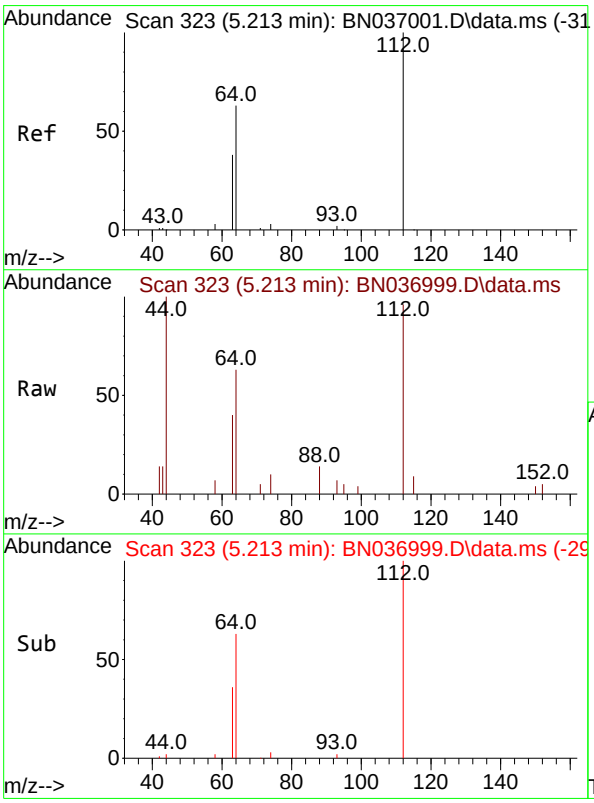
#3
n-Nitrosodimethylamine
Concen: 0.139 ng
RT: 3.466 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 920

Ion	Ratio	Lower	Upper
42	100		
74	76.3	59.8	89.6
44	4.1	11.9	17.9#

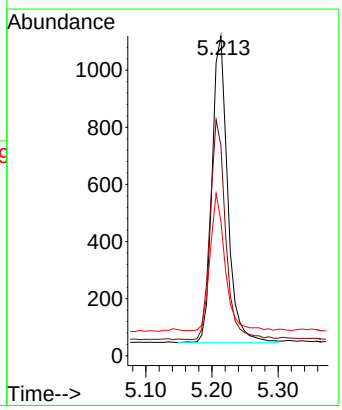


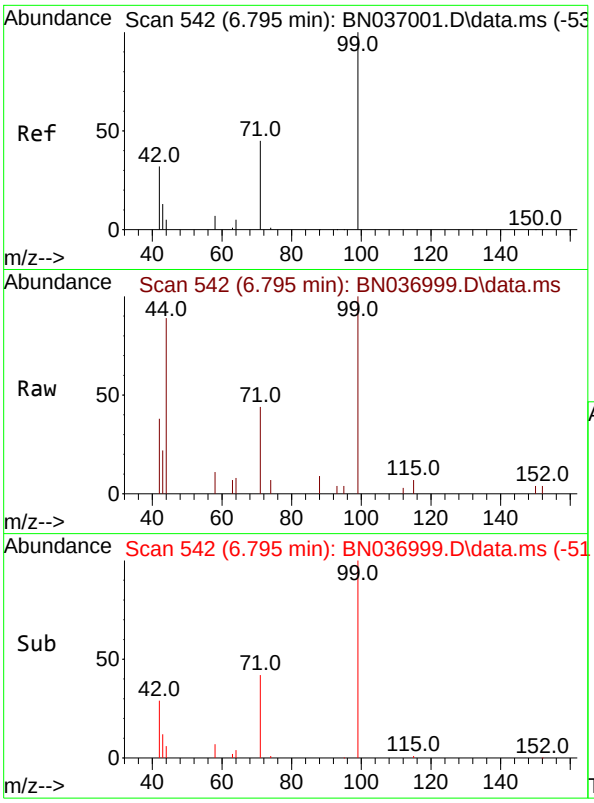


#4
2-Fluorophenol
Concen: 0.268 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:112 Resp: 1766

Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.7	83.5
63	42.8	34.6	51.8



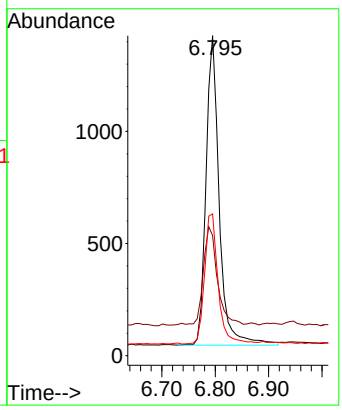


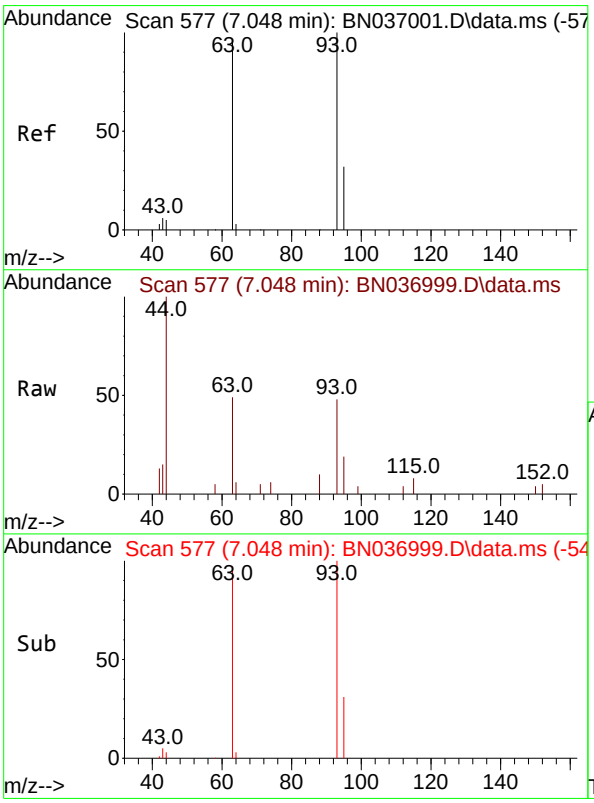
#5
Phenol-d6
Concen: 0.289 ng
RT: 6.795 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2379

Ion	Ratio	Lower	Upper
99	100		
42	32.9	29.3	43.9
71	43.2	35.7	53.5

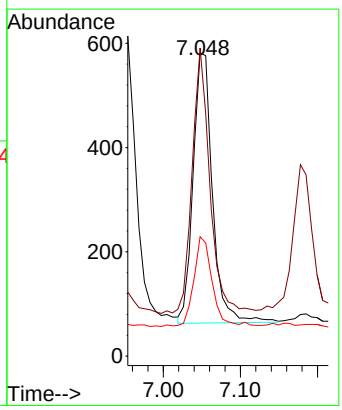


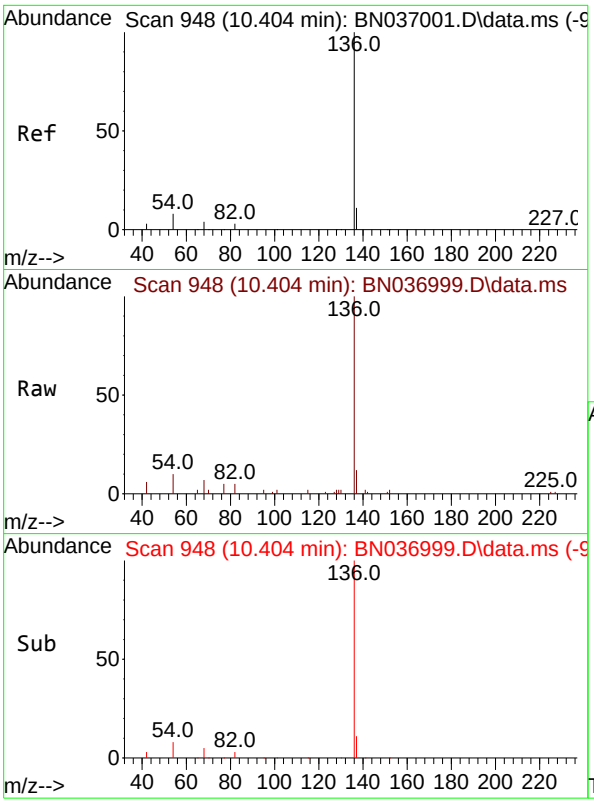


#6
bis(2-Chloroethyl)ether
Concen: 0.119 ng
RT: 7.048 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion: 93 Resp: 905

Ion	Ratio	Lower	Upper
93	100		
63	90.2	70.1	105.1
95	32.2	26.2	39.2



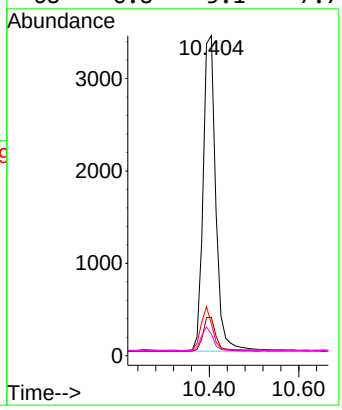


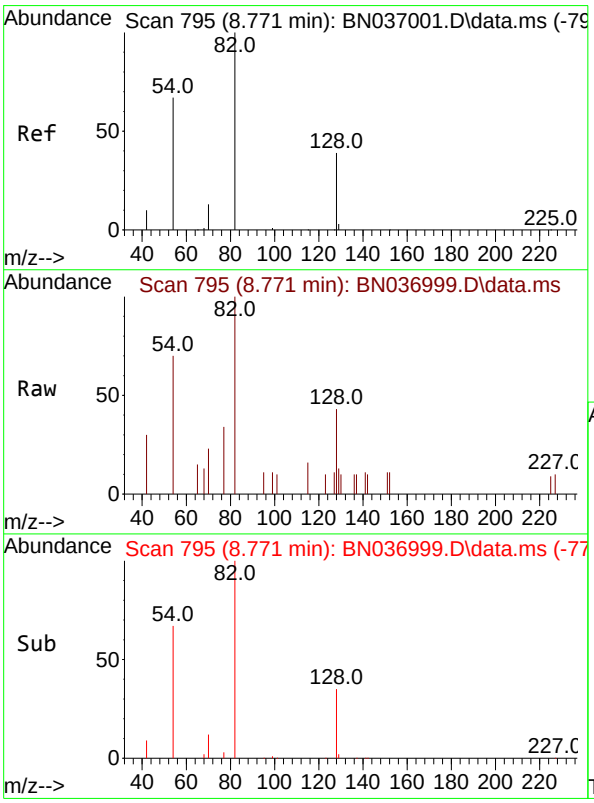
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 6713

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	10.0	8.5	12.7
68	6.8	5.1	7.7

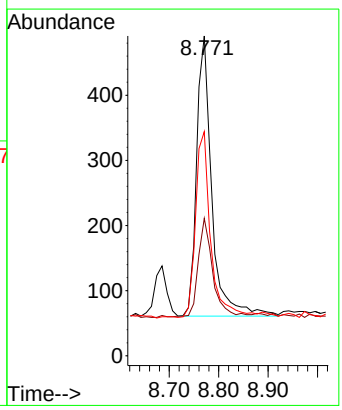


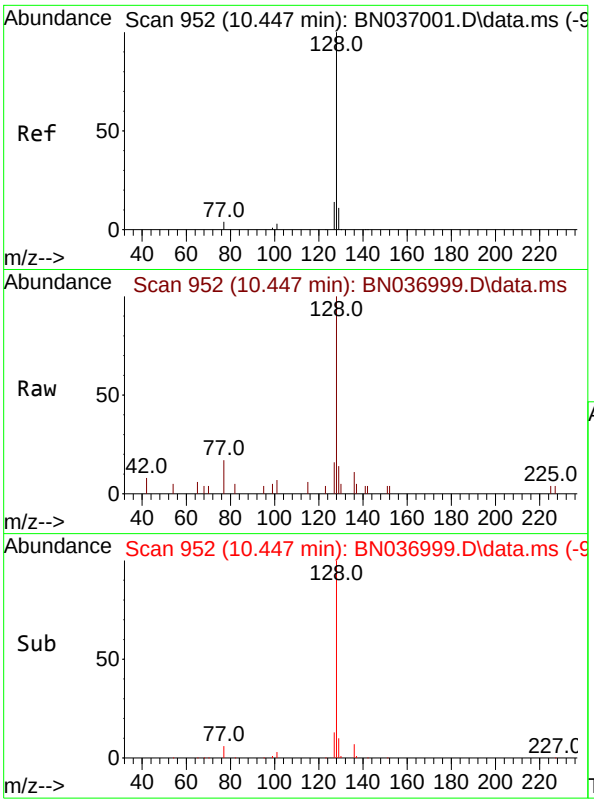


#8
Nitrobenzene-d5
Concen: 0.125 ng
RT: 8.771 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion: 82 Resp: 917

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	70.1	55.0	82.4



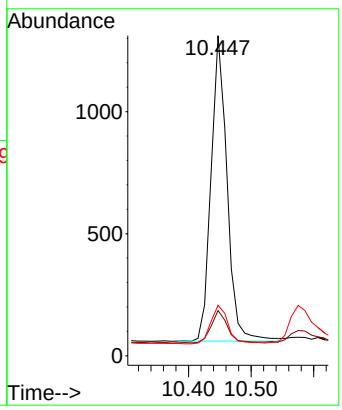


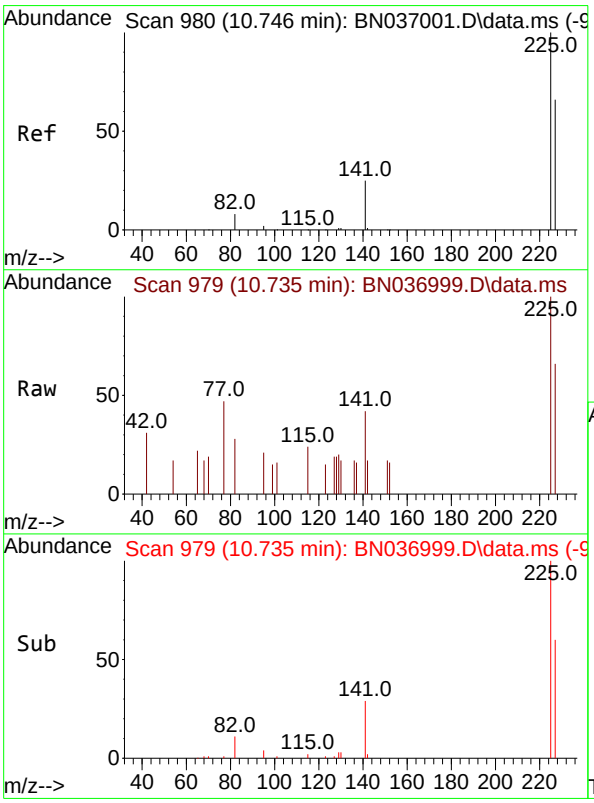
#9
Naphthalene
Concen: 0.112 ng
RT: 10.447 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 2225

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.7	14.5
127	15.8	12.4	18.6

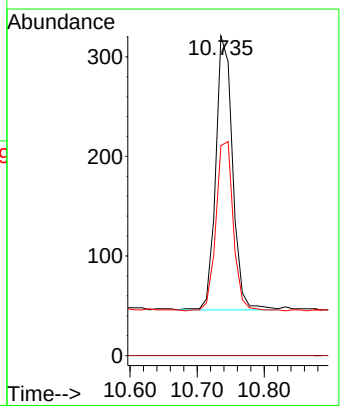


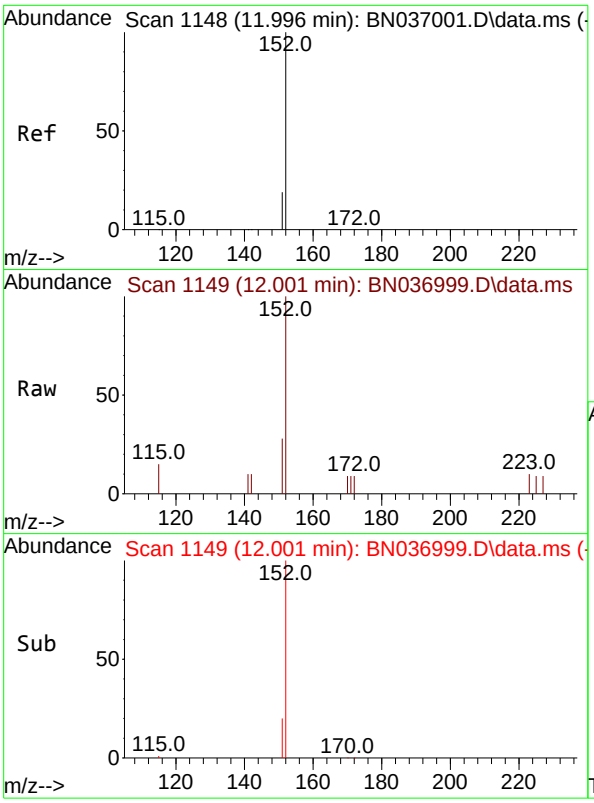


#10
Hexachlorobutadiene
Concen: 0.115 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:225 Resp: 480

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.9	76.3



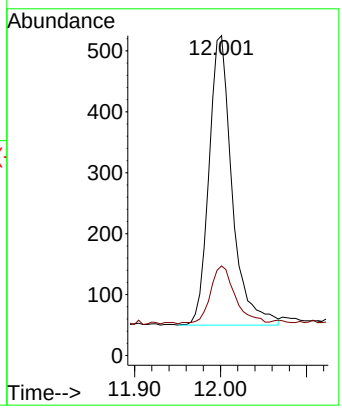


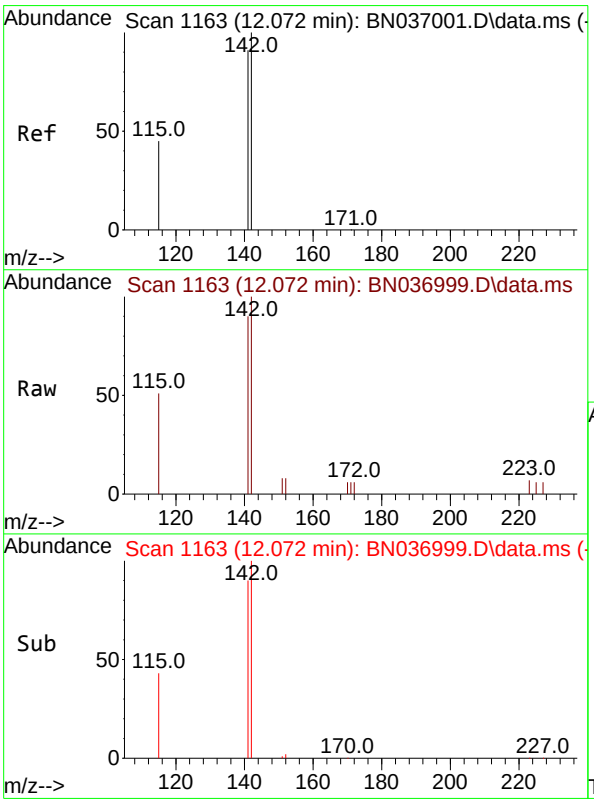
#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.001 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 888

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.5	26.3

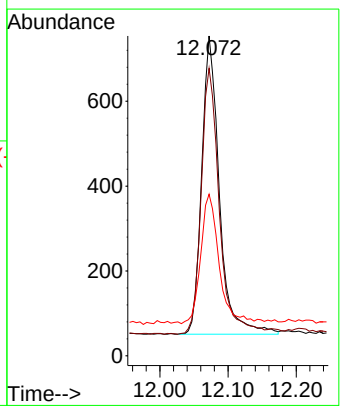


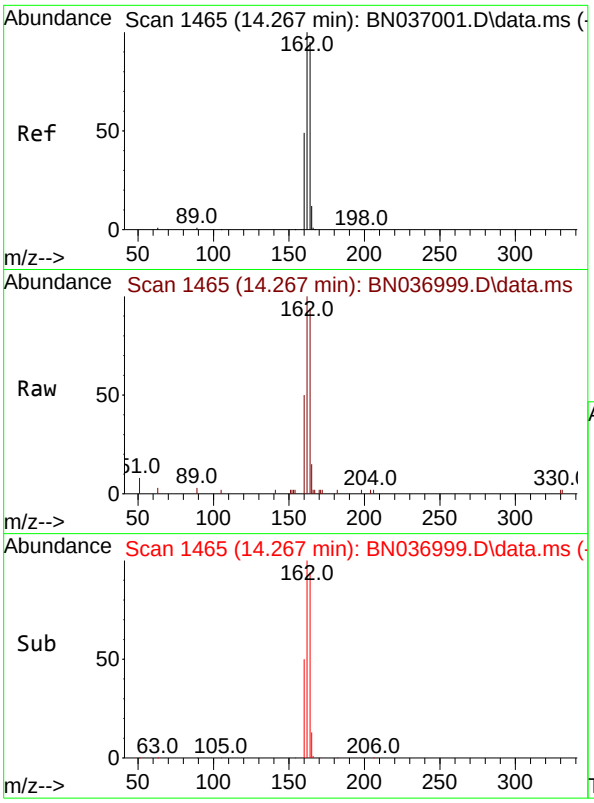


#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.072 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:142 Resp: 1266

Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.3	109.9
115	50.5	38.4	57.6



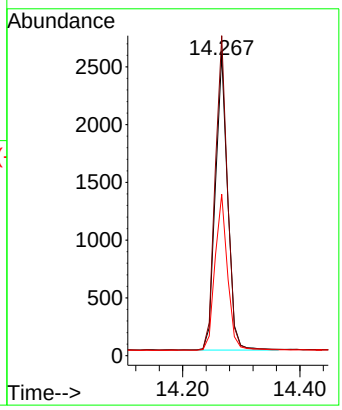


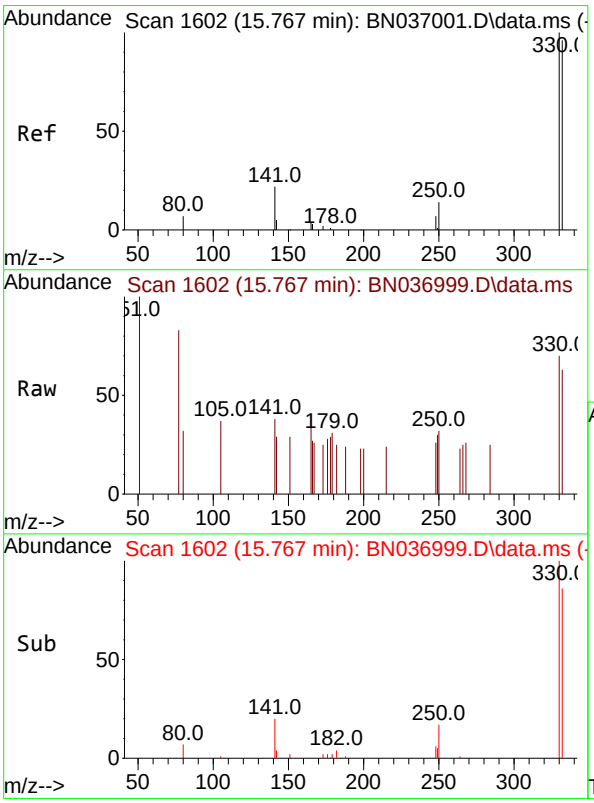
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 3705

Ion	Ratio	Lower	Upper
164	100		
162	106.3	84.2	126.4
160	53.6	42.6	63.8

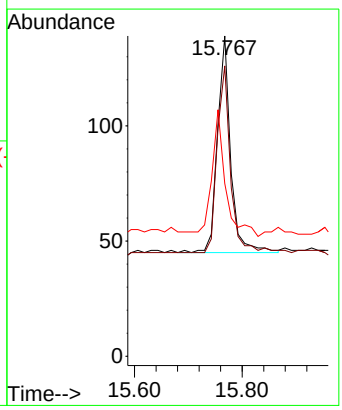


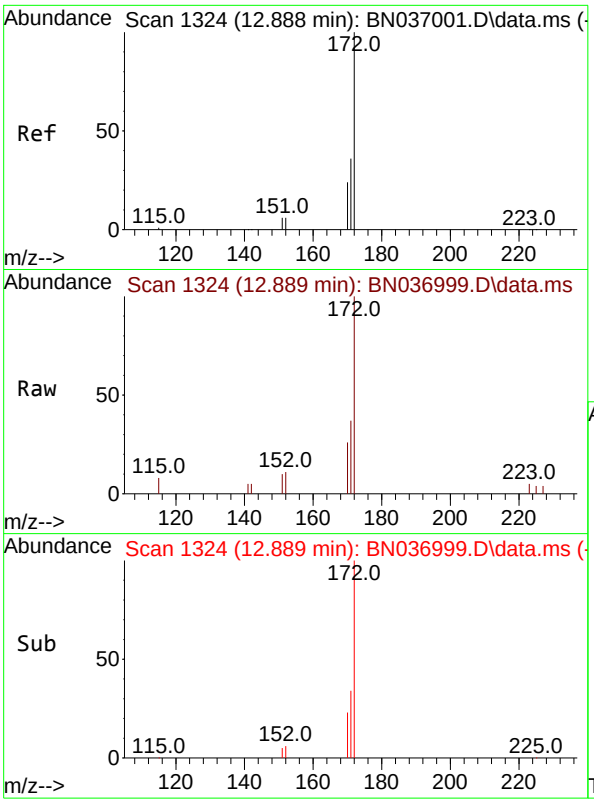


#14
2,4,6-Tribromophenol
Concen: 0.099 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:330 Resp: 161

Ion	Ratio	Lower	Upper
330	100		
332	87.0	73.8	110.8
141	60.2	43.9	65.9



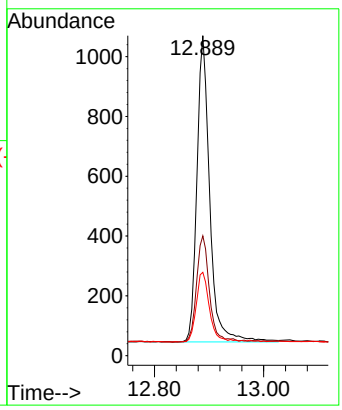


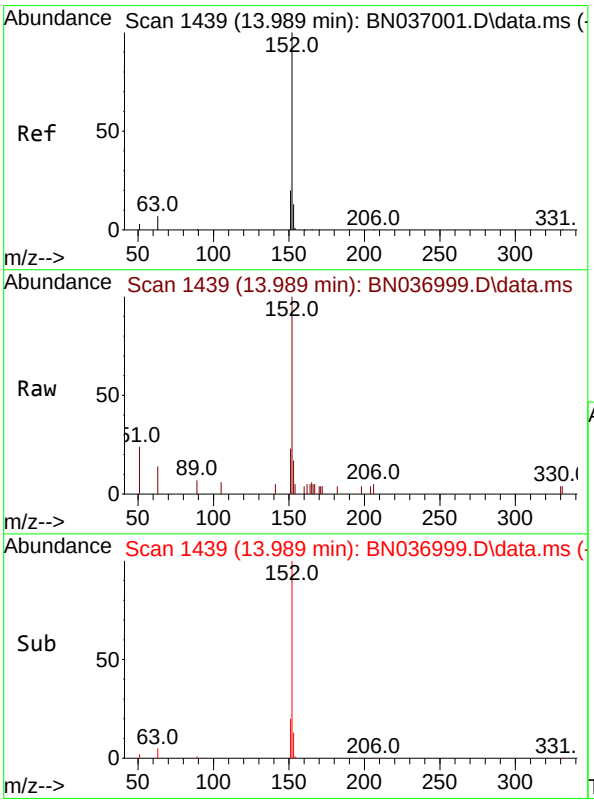
#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 12.889 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1771

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.2	43.8
170	26.1	20.5	30.7

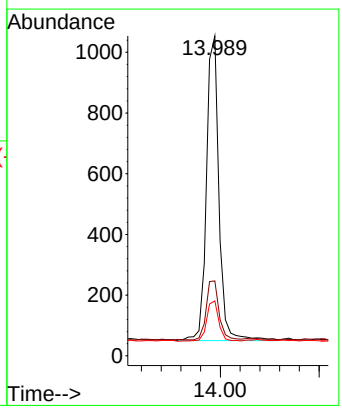


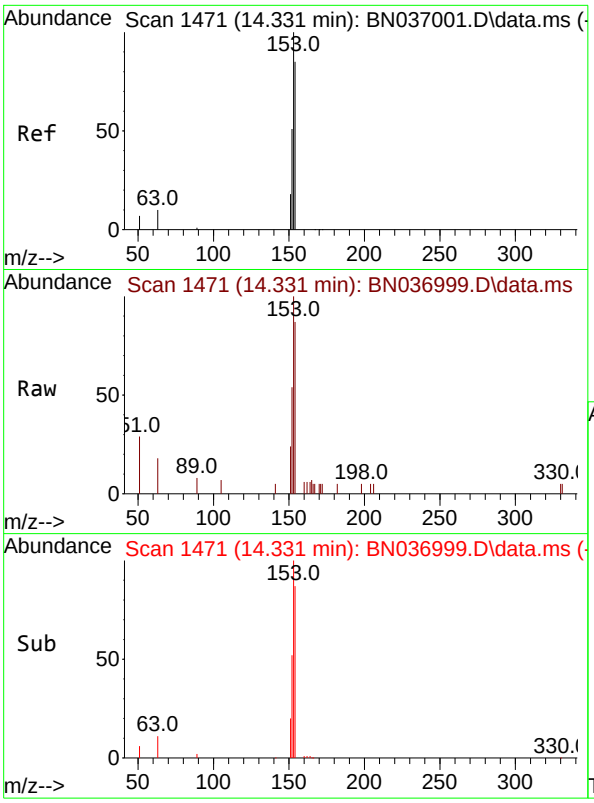


#16
Acenaphthylene
Concen: 0.098 ng
RT: 13.989 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:152 Resp: 1765

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	12.5	10.5	15.7



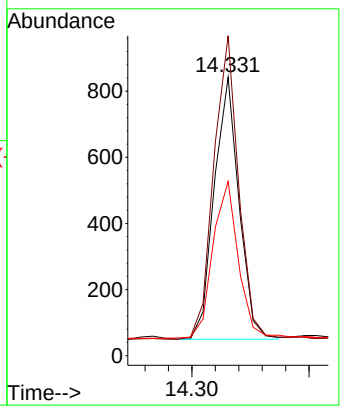


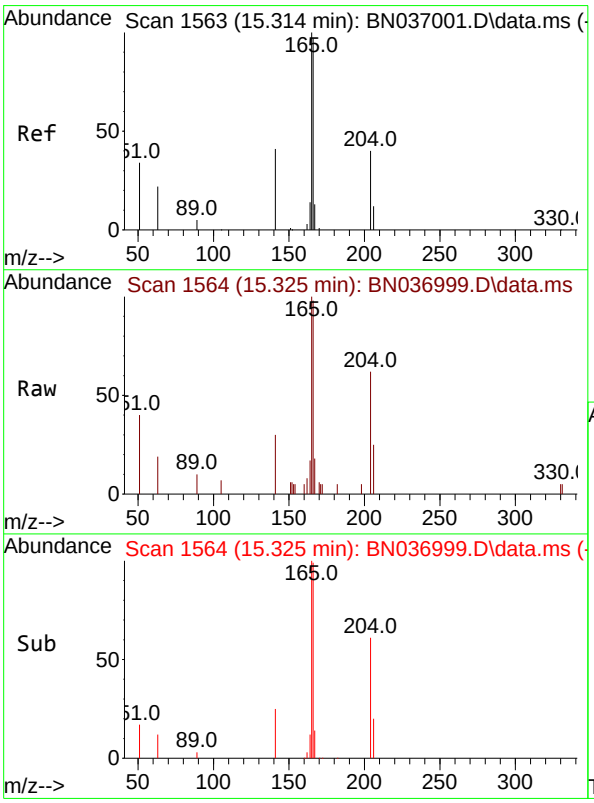
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.331 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1162

Ion	Ratio	Lower	Upper
154	100		
153	117.2	94.2	141.4
152	62.1	49.4	74.0

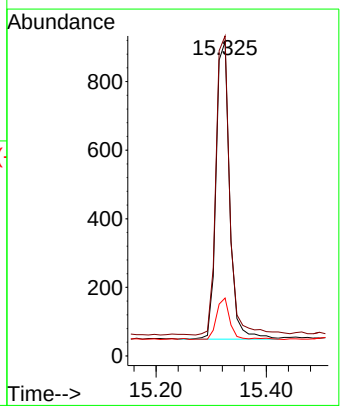


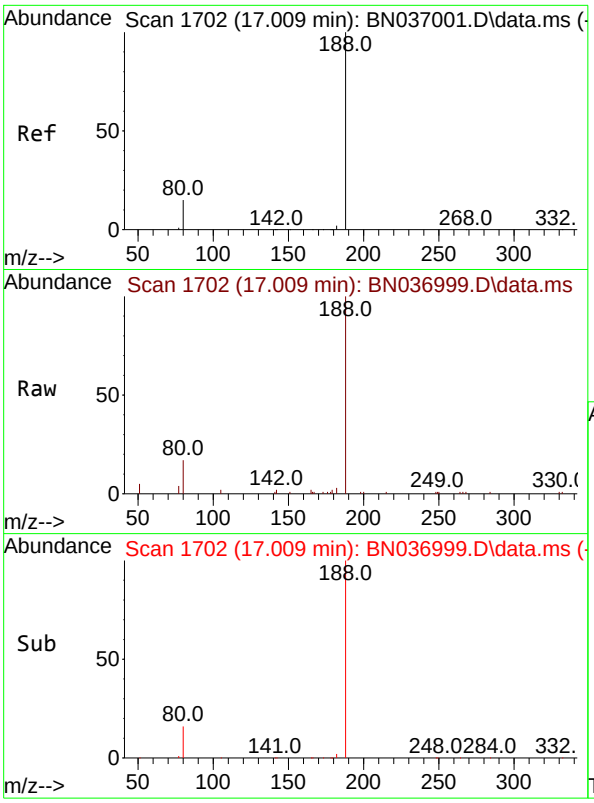


#18
Fluorene
Concen: 0.096 ng
RT: 15.325 min Scan# 1564
Delta R.T. 0.011 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:166 Resp: 1484

Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.6	120.8
167	13.3	10.6	16.0



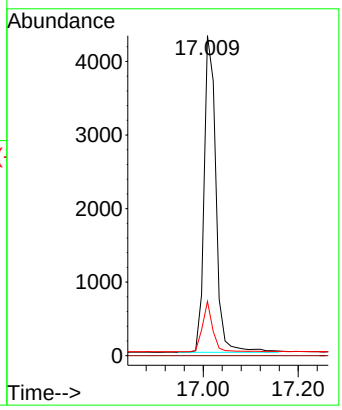


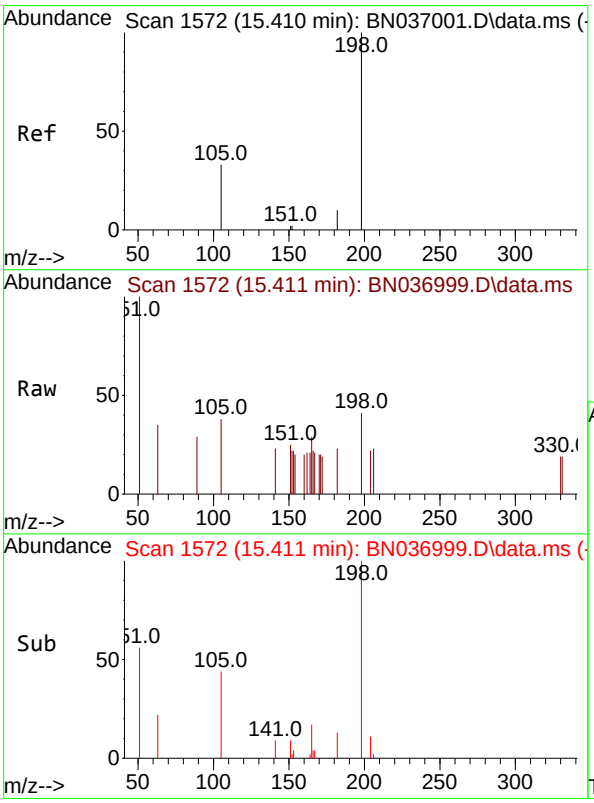
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 7492

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.9	13.4	20.0

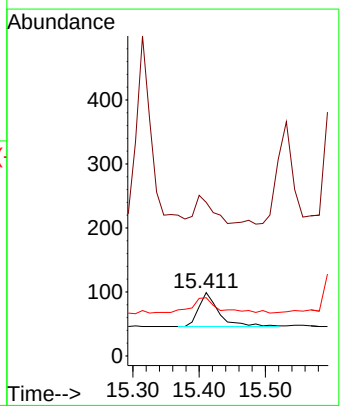


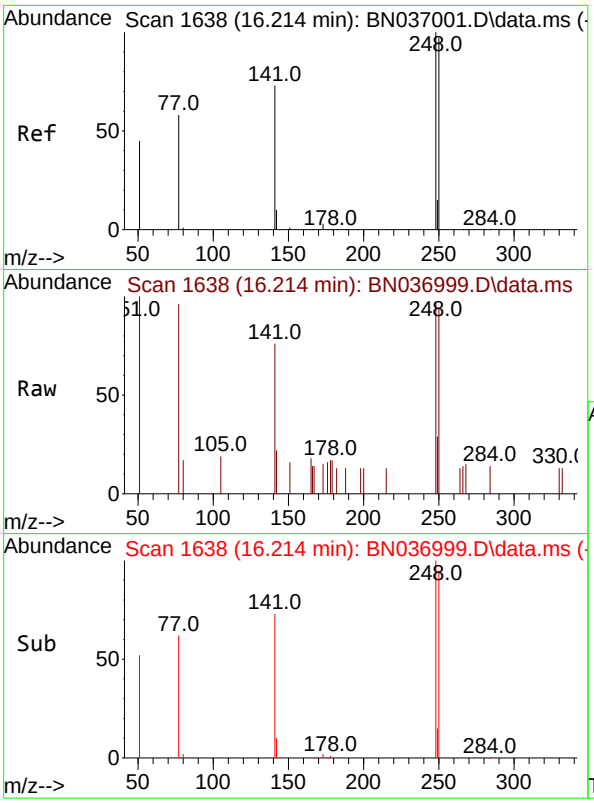


#20
4,6-Dinitro-2-methylphenol
Concen: 0.093 ng
RT: 15.411 min Scan# 1572
Delta R.T. 0.001 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
51	242.4	87.8	131.6#
105	91.9	44.2	66.4#



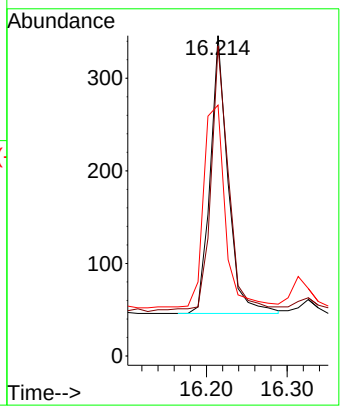


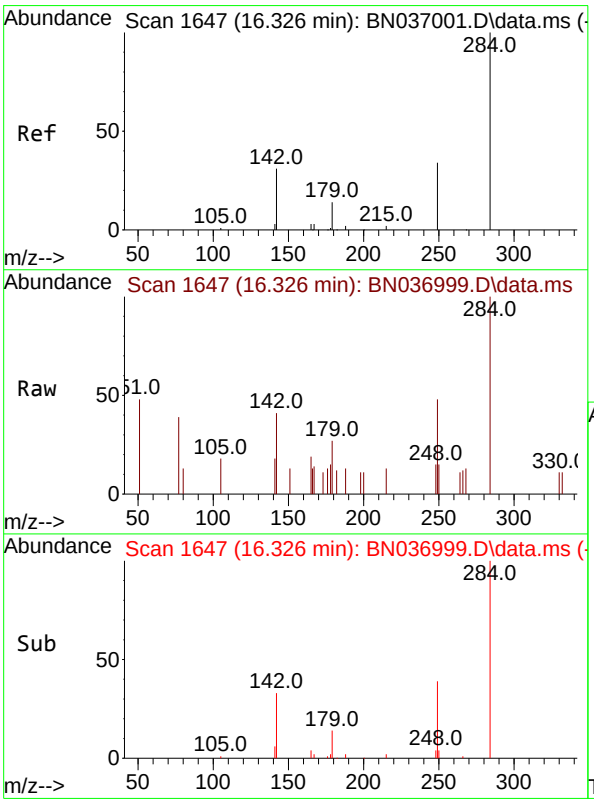
#21
4-Bromophenyl-phenylether
Concen: 0.096 ng
RT: 16.214 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 455

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.1	117.1
141	78.3	59.7	89.5

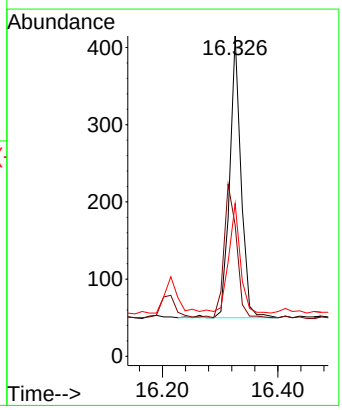


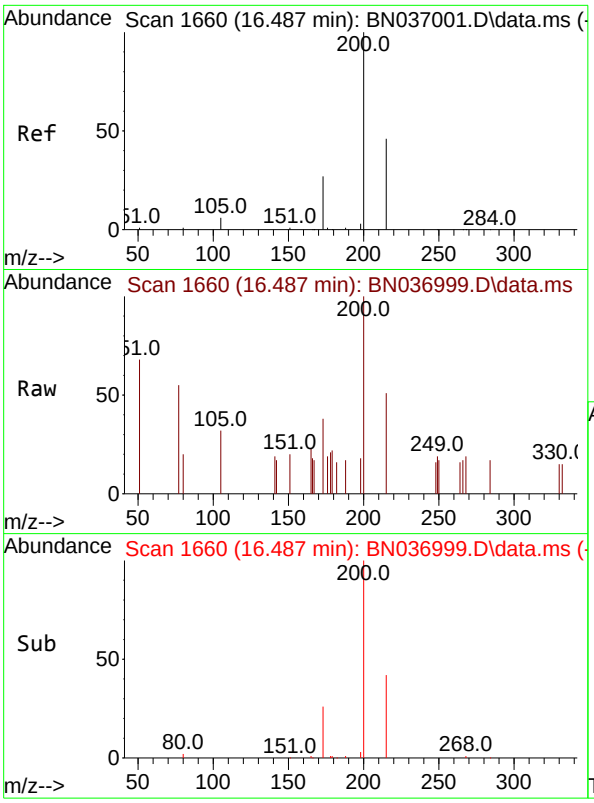


#22
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.326 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:284 Resp: 500

Ion	Ratio	Lower	Upper
284	100		
142	52.2	41.2	61.8
249	40.0	28.7	43.1



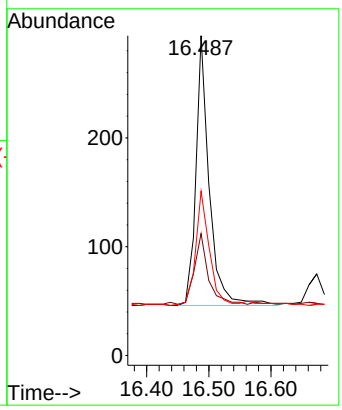


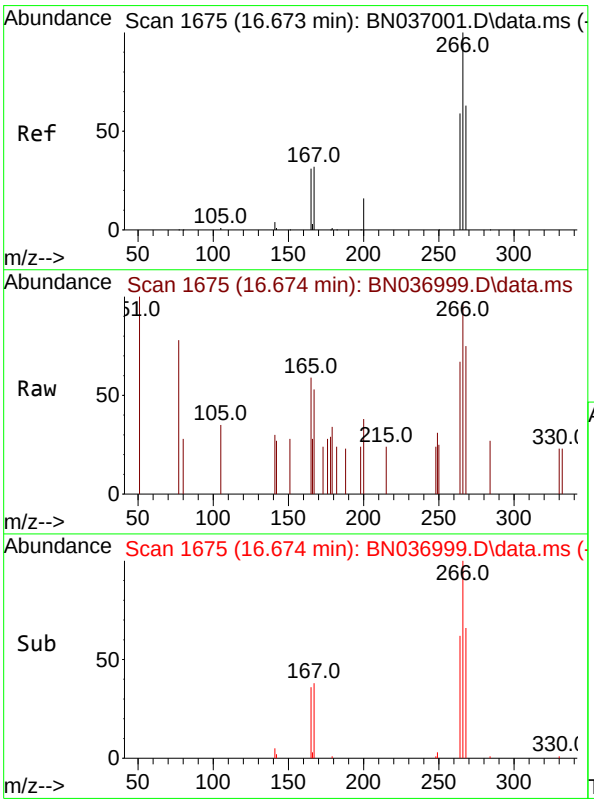
#23
Atrazine
Concen: 0.090 ng
RT: 16.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 372

Ion	Ratio	Lower	Upper
200	100		
173	38.1	25.2	37.8#
215	51.4	39.3	58.9

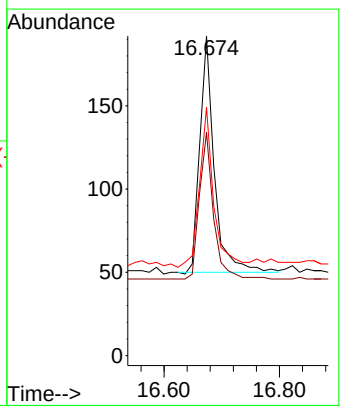


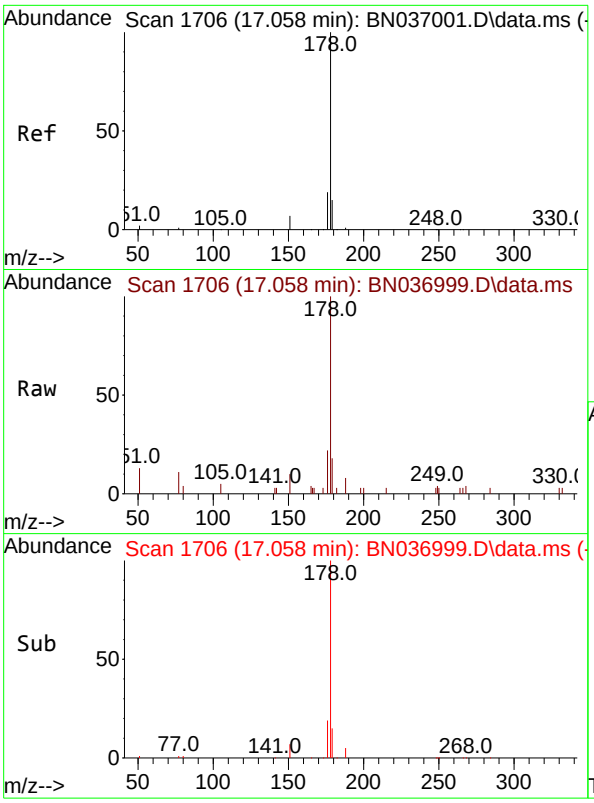


#24
Pentachlorophenol
Concen: 0.088 ng
RT: 16.674 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:266 Resp: 249

Ion	Ratio	Lower	Upper
266	100		
264	59.8	47.9	71.9
268	66.7	50.0	75.0



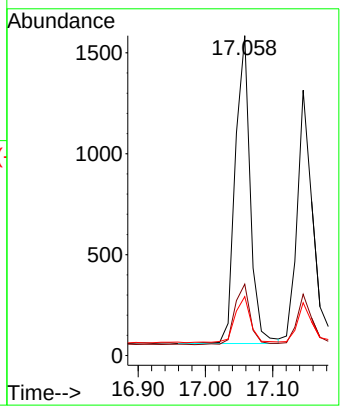


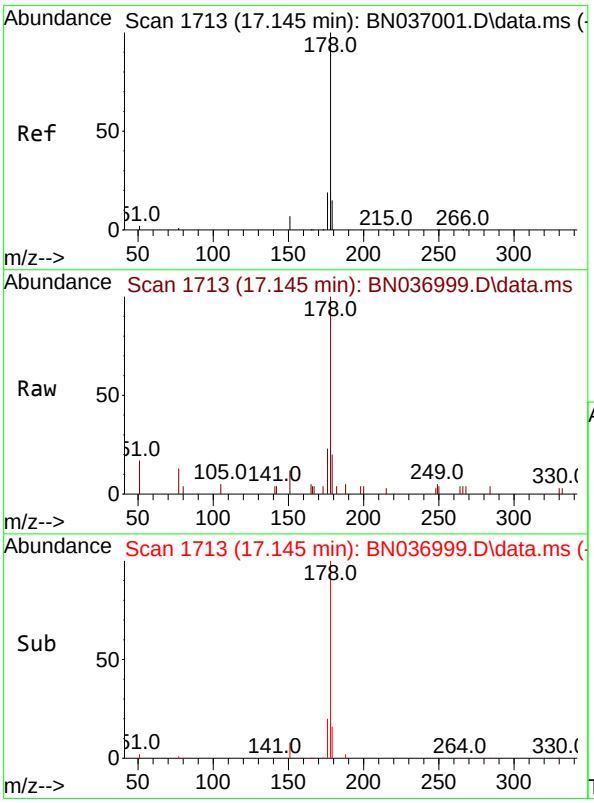
#25
Phenanthrene
Concen: 0.096 ng
RT: 17.058 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2359

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	15.7	12.2	18.2

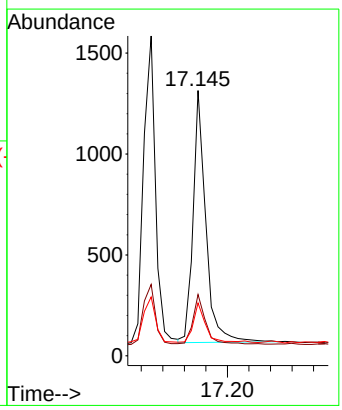


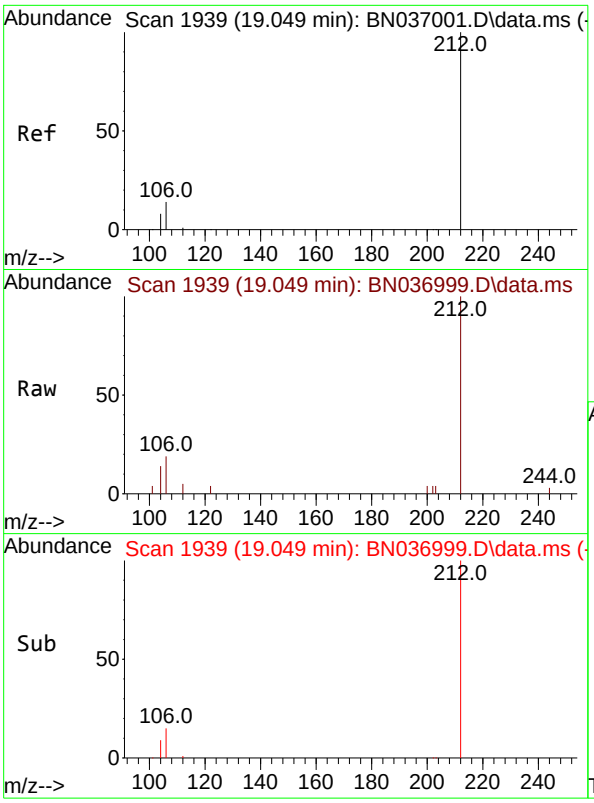


#26
Anthracene
Concen: 0.092 ng
RT: 17.145 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:178 Resp: 2059

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.6
179	15.3	12.3	18.5



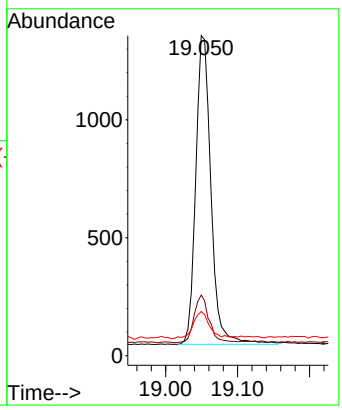


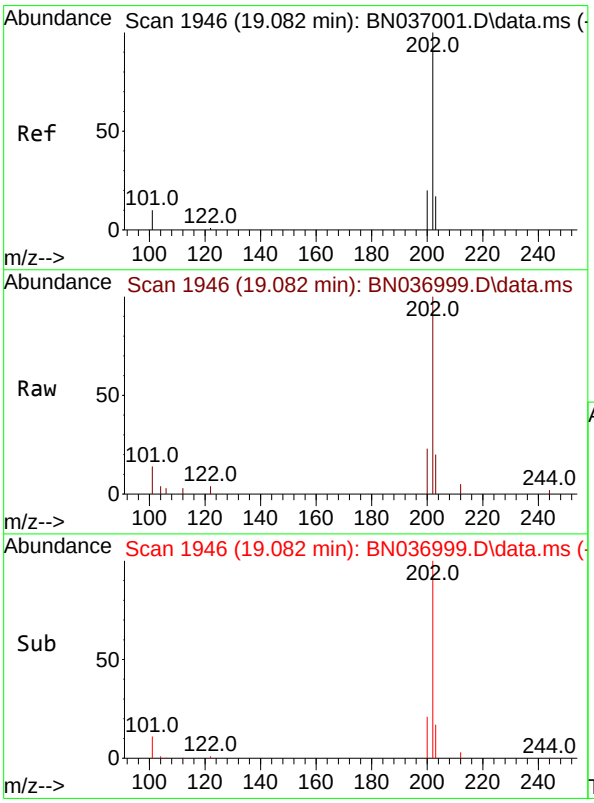
#27
Fluoranthene-d10
Concen: 0.094 ng
RT: 19.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 1934

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.3	16.9
104	9.6	6.7	10.1

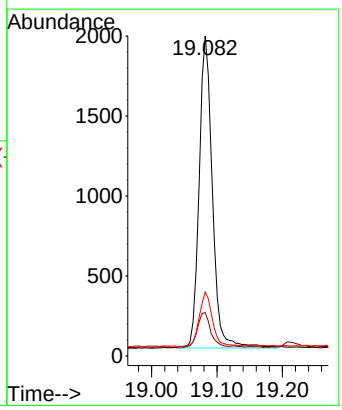


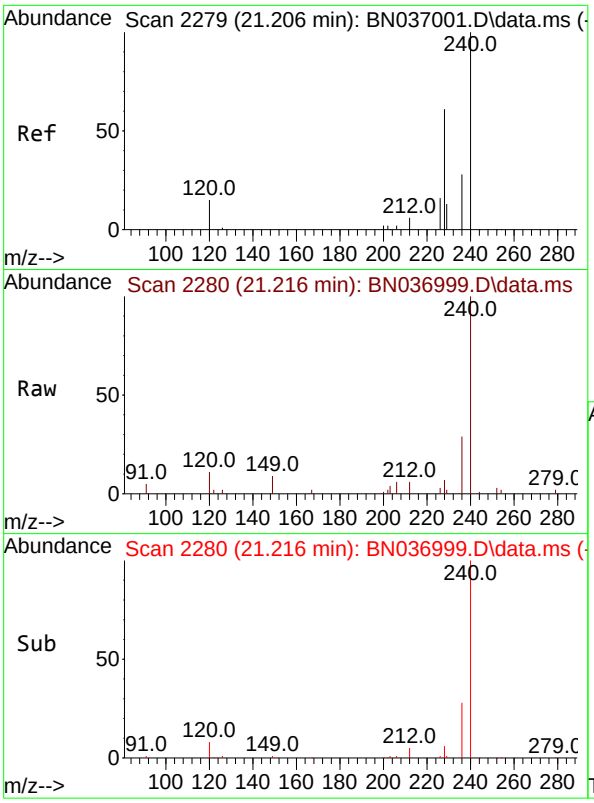


#28
Fluoranthene
Concen: 0.094 ng
RT: 19.082 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:202 Resp: 2737

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	17.3	13.8	20.8



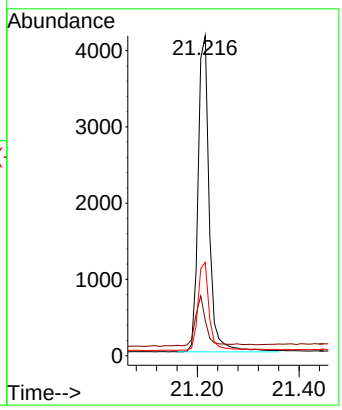


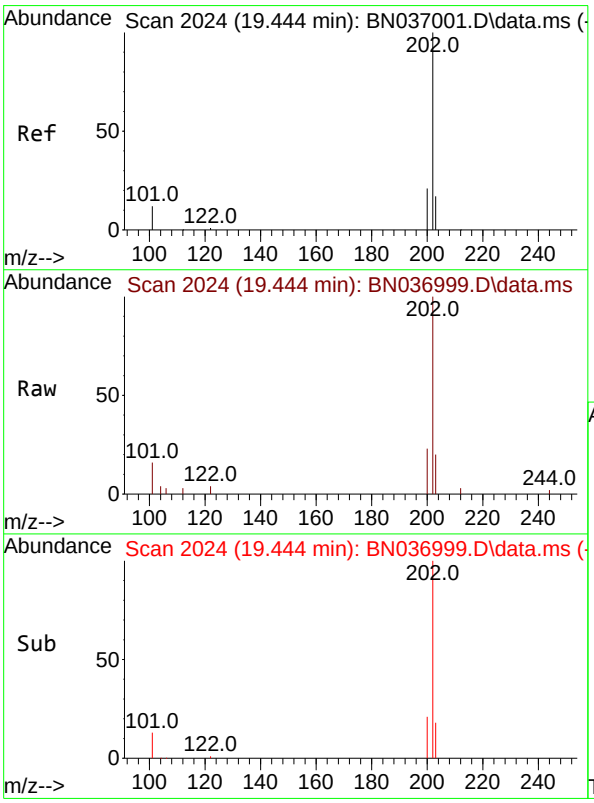
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 6297

Ion	Ratio	Lower	Upper
240	100		
120	11.0	15.1	22.7#
236	29.2	24.0	36.0

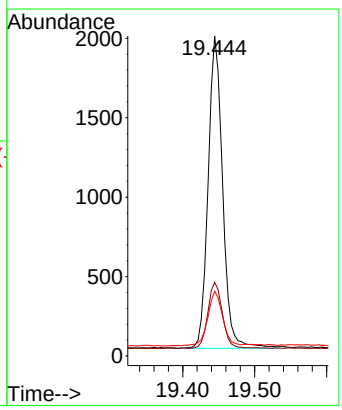


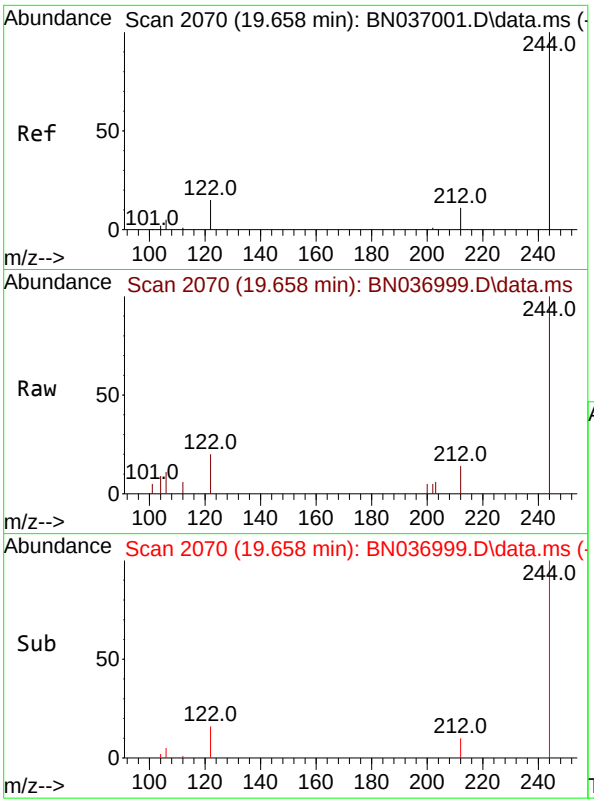


#30
Pyrene
Concen: 0.102 ng
RT: 19.444 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:202 Resp: 2745

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.1	14.2	21.4



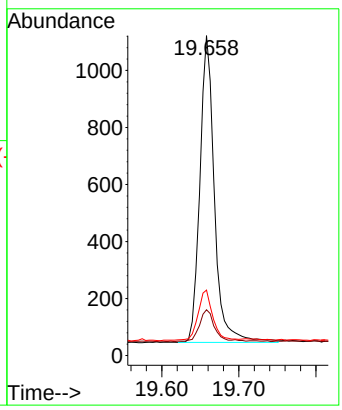


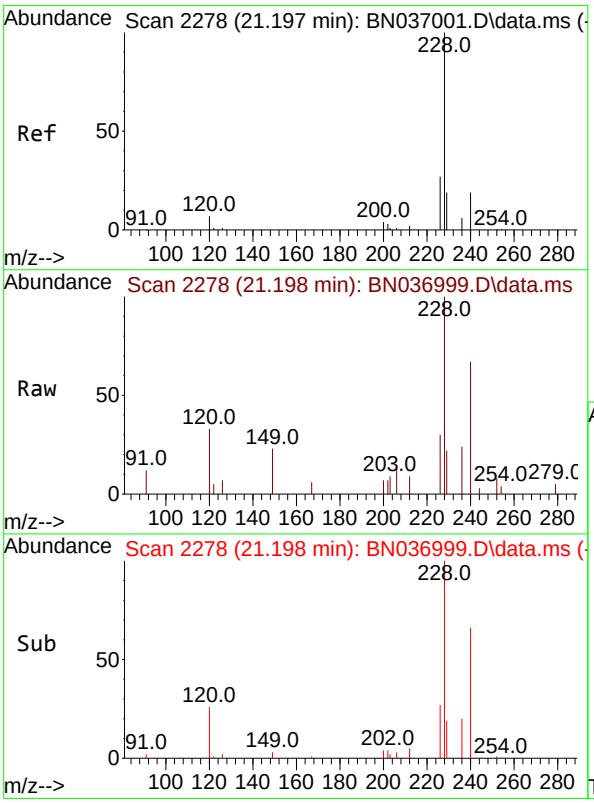
#31
Terphenyl-d14
Concen: 0.105 ng
RT: 19.658 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1412

Ion	Ratio	Lower	Upper
244	100		
212	14.3	9.7	14.5
122	20.5	13.4	20.0#

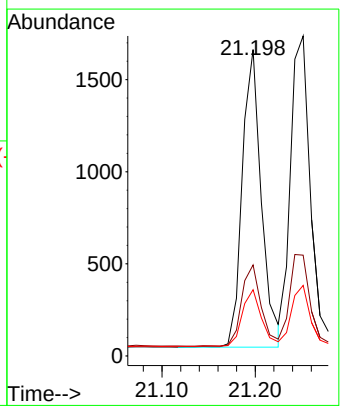


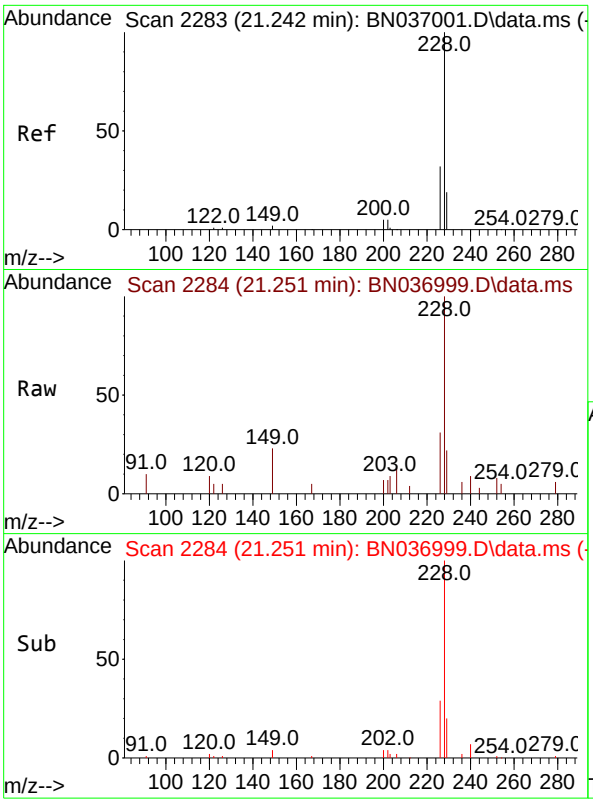


#32
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.198 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:228 Resp: 2303

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	21.6	16.0	24.0



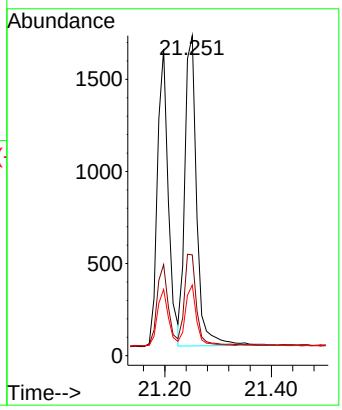


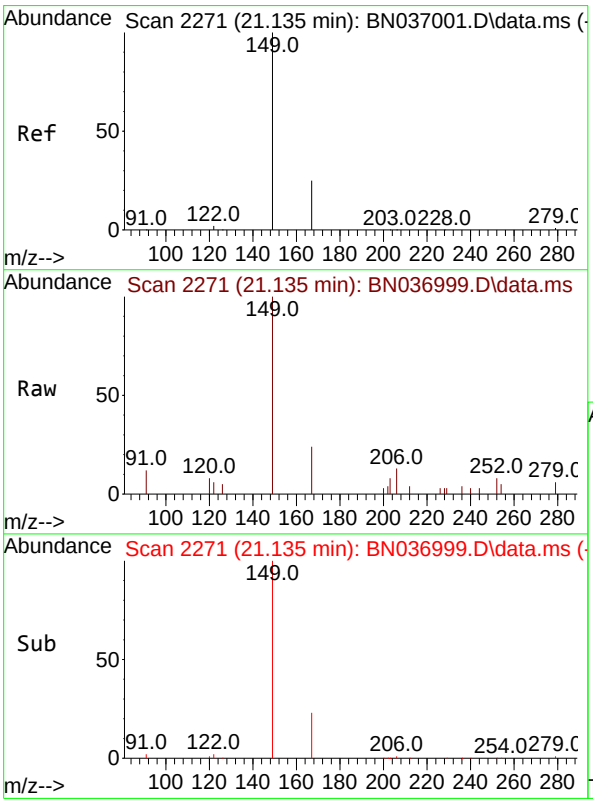
#33
Chrysene
Concen: 0.104 ng
RT: 21.251 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2605

Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.3	39.5
229	22.0	16.2	24.2

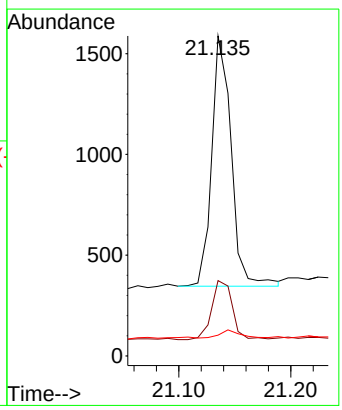


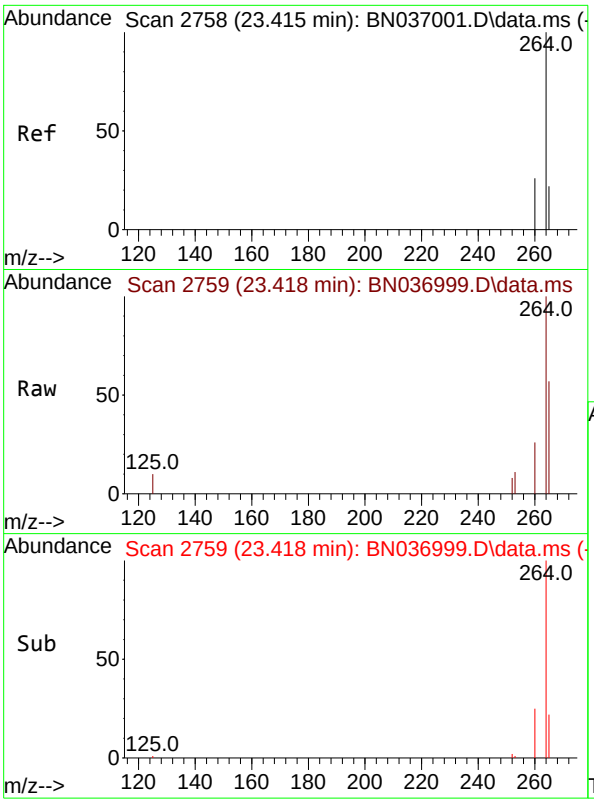


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:149 Resp: 1504

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.6	30.8
279	3.1	2.6	3.8



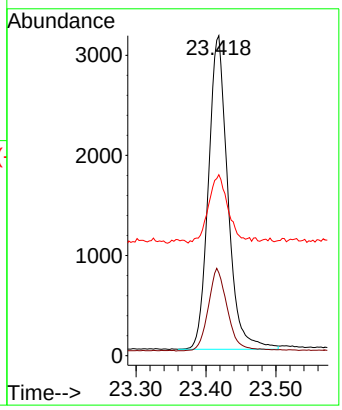


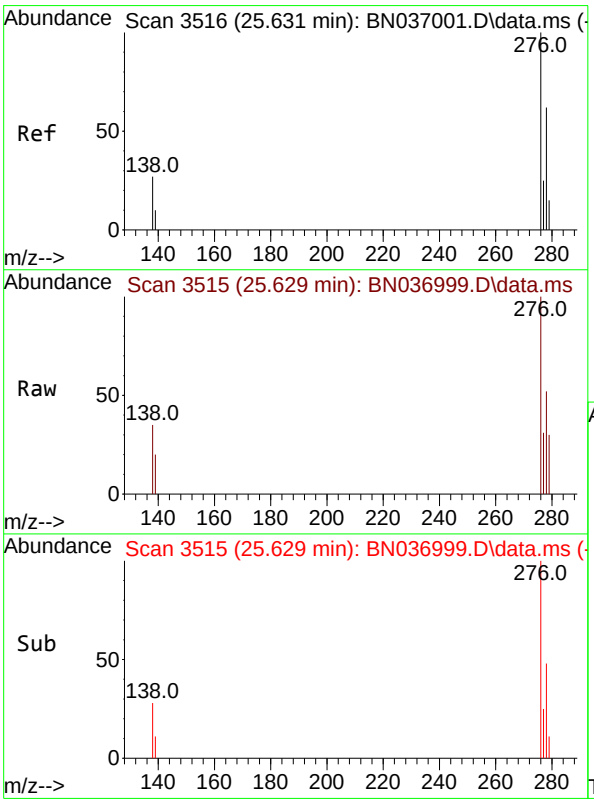
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.418 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 6037

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.9	32.9
265	56.5	51.6	77.4

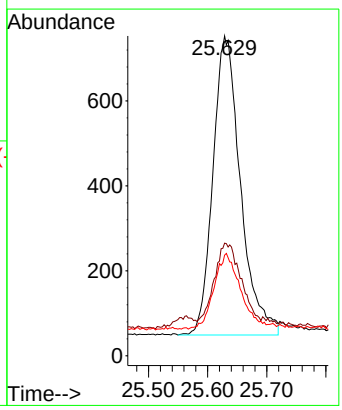


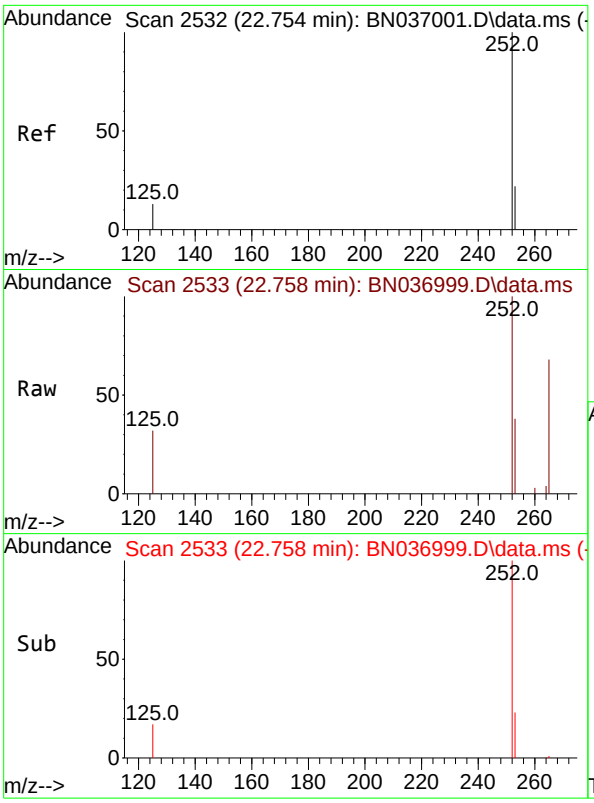


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng
RT: 25.629 min Scan# 3515
Delta R.T. -0.003 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:276 Resp: 2280

Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.7	34.1
277	24.3	20.0	30.0



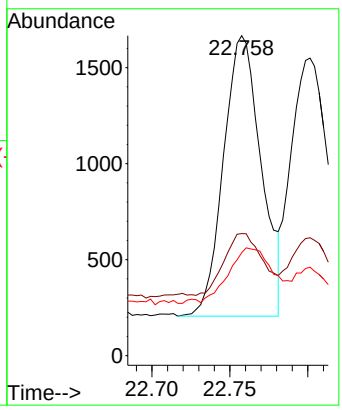


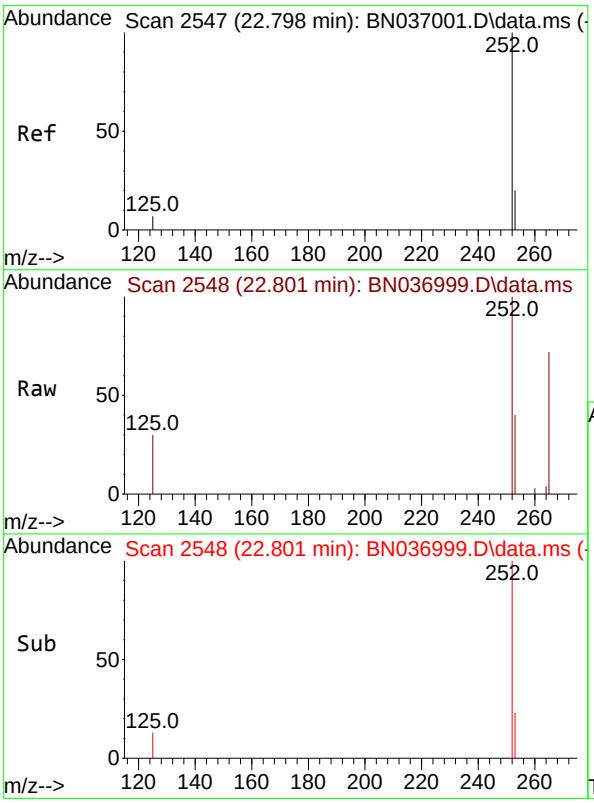
#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 22.758 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2461

Ion	Ratio	Lower	Upper
252	100		
253	38.2	21.8	32.6#
125	32.2	14.6	21.8#

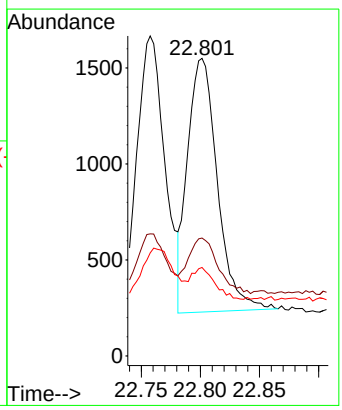


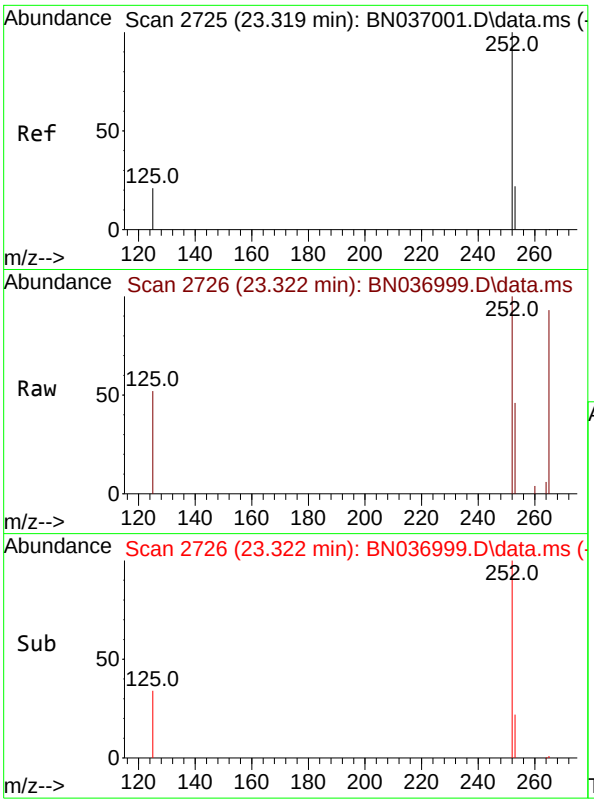


#38
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 22.801 min Scan# 2548
Delta R.T. 0.003 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:252 Resp: 2322

Ion	Ratio	Lower	Upper
252	100		
253	39.6	21.4	32.2#
125	29.7	13.0	19.4#



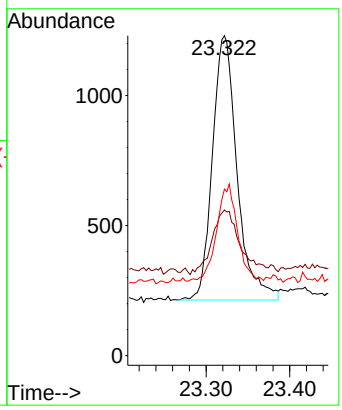


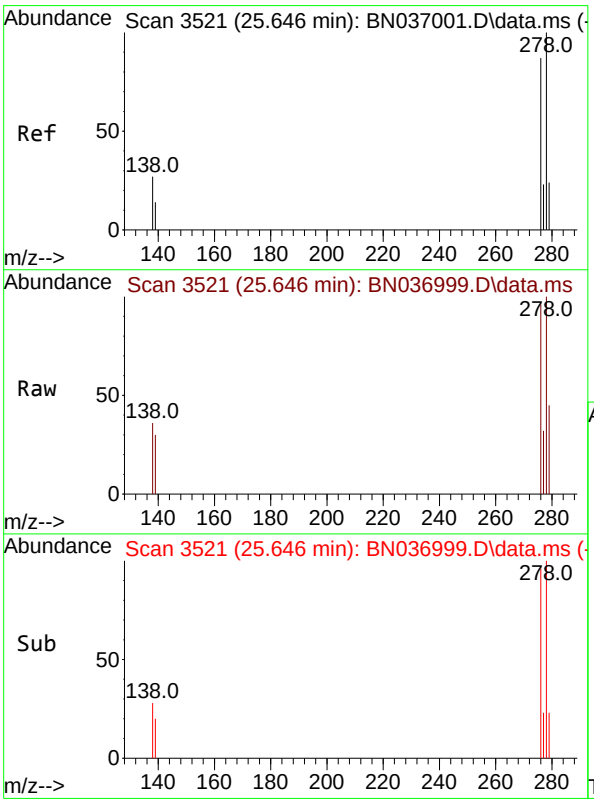
#39
Benzo(a)pyrene
Concen: 0.098 ng
RT: 23.322 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2083

Ion	Ratio	Lower	Upper
252	100		
253	45.5	23.8	35.6#
125	52.0	21.8	32.6#

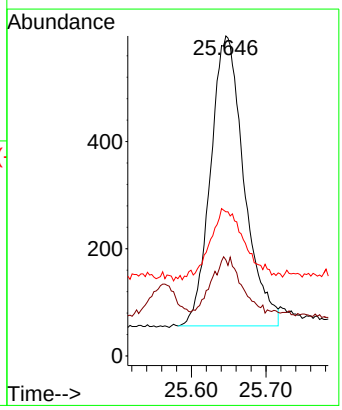


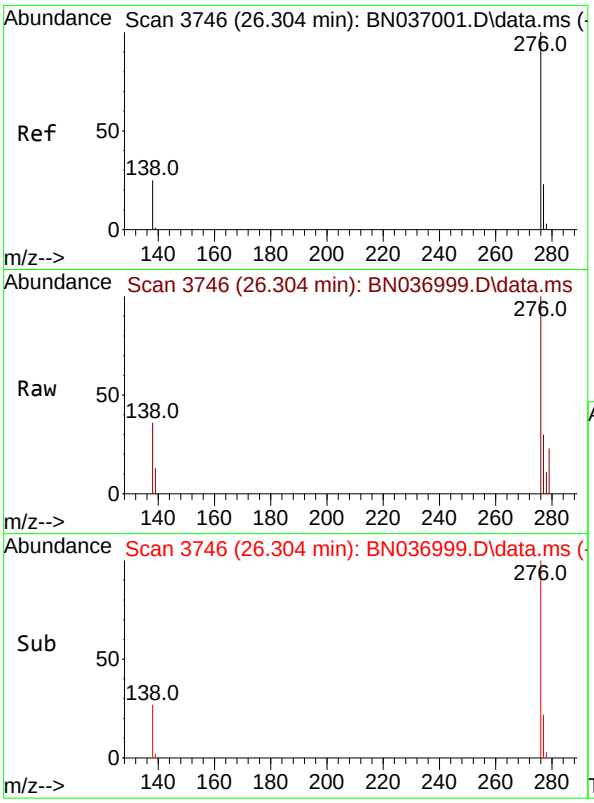


#40
Dibenzo(a,h)anthracene
Concen: 0.088 ng
RT: 25.646 min Scan# 3521
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Tgt Ion:278 Resp: 1685

Ion	Ratio	Lower	Upper
278	100		
139	30.0	17.4	26.0#
279	45.1	24.6	37.0#





#41
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 26.304 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036999.D
Acq: 13 May 2025 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1960

Ion	Ratio	Lower	Upper
276	100		
277	30.1	20.2	30.4
138	35.5	22.0	33.0#