Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052925\
Data File : BN037128.D
Acq On : 29 May 2025 10:07
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 11:46:14 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	7.604	152	2387	0.400	ng		-0.01
7) Naphthalene-d8	10.383	136	6582	0.400	ng		-0.02
13) Acenaphthene-d10	14.256	164	3682	0.400	ng		-0.01
19) Phenanthrene-d10	16.996	188	6656	0.400	ng		-0.01
29) Chrysene-d12	21.198	240	4500	0.400	ng		# 0.00
35) Perylene-d12	23.392	264	3905	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	2247	0.359	ng		-0.01
5) Phenol-d6	6.781	99	2766	0.353	ng		-0.01
8) Nitrobenzene-d5	8.749	82	2683	0.374	ng		-0.02
11) 2-Methylnaphthalene-d10	11.981	152	3798	0.410	ng		-0.02
14) 2,4,6-Tribromophenol	15.755	330	522	0.323	ng		-0.01
15) 2-Fluorobiphenyl	12.873	172	6620	0.393	ng		-0.02
27) Fluoranthene-d10	19.040	212	6590	0.361	ng		0.00
31) Terphenyl-d14	19.644	244	4257	0.442	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1115	0.381	ng		95
3) n-Nitrosodimethylamine	3.451	42	2397	0.381	ng	#	91
6) bis(2-Chloroethyl)ether	7.041	93	2805	0.389	ng		98
9) Naphthalene	10.436	128	7303	0.375	ng		98
10) Hexachlorobutadiene	10.725	225	1617	0.396	ng	#	100
12) 2-Methylnaphthalene	12.057	142	4625	0.370	ng		99
16) Acenaphthylene	13.967	152	6514	0.363	ng		100
17) Acenaphthene	14.320	154	4370	0.373	ng		99
18) Fluorene	15.304	166	5520	0.359	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	491	0.384	ng		92
21) 4-Bromophenyl-phenylether	16.202	248	1638	0.390	ng		96
22) Hexachlorobenzene	16.314	284	1860	0.413	ng		98
23) Atrazine	16.475	200	1309	0.357	ng		97
24) Pentachlorophenol	16.661	266	836	0.337	ng		98
25) Phenanthrene	17.046	178	8191	0.377	ng		99
26) Anthracene	17.133	178	7026	0.355	ng		99
28) Fluoranthene	19.068	202	8637	0.332	ng		99
30) Pyrene	19.430	202	8591	0.446	ng		99
32) Benzo(a)anthracene	21.180	228	6109	0.361	ng		99
33) Chrysene	21.233	228	6811	0.380	ng		97
34) Bis(2-ethylhexyl)phtha...	21.126	149	3761	0.361	ng		99
36) Indeno(1,2,3-cd)pyrene	25.596	276	6266	0.393	ng		97
37) Benzo(b)fluoranthene	22.737	252	6045	0.373	ng		97
38) Benzo(k)fluoranthene	22.778	252	6392	0.400	ng		97
39) Benzo(a)pyrene	23.298	252	5247	0.382	ng	#	93
40) Dibenzo(a,h)anthracene	25.608	278	4793	0.386	ng		99
41) Benzo(g,h,i)perylene	26.266	276	5529	0.410	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052925\
Data File : BN037128.D
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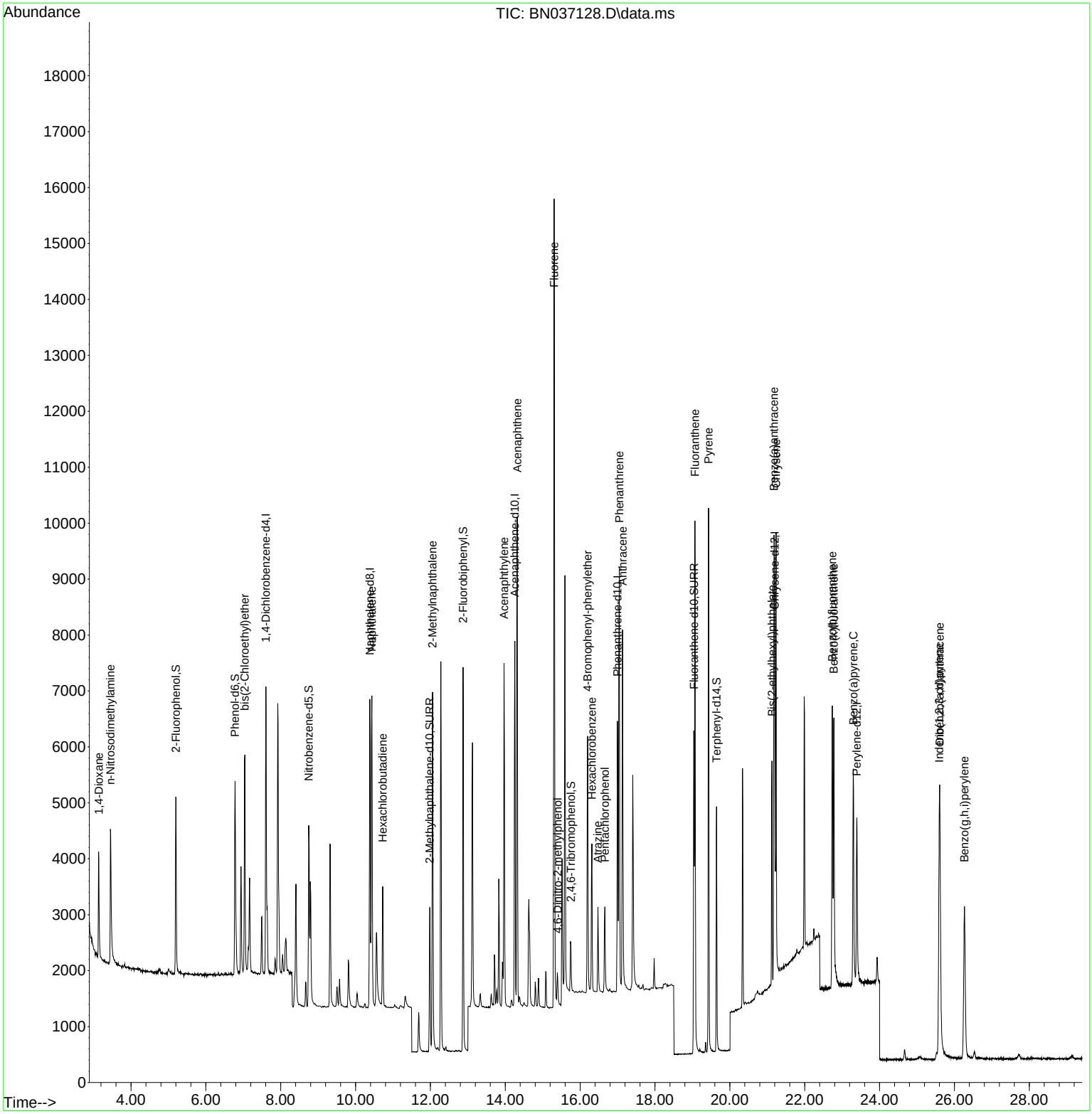
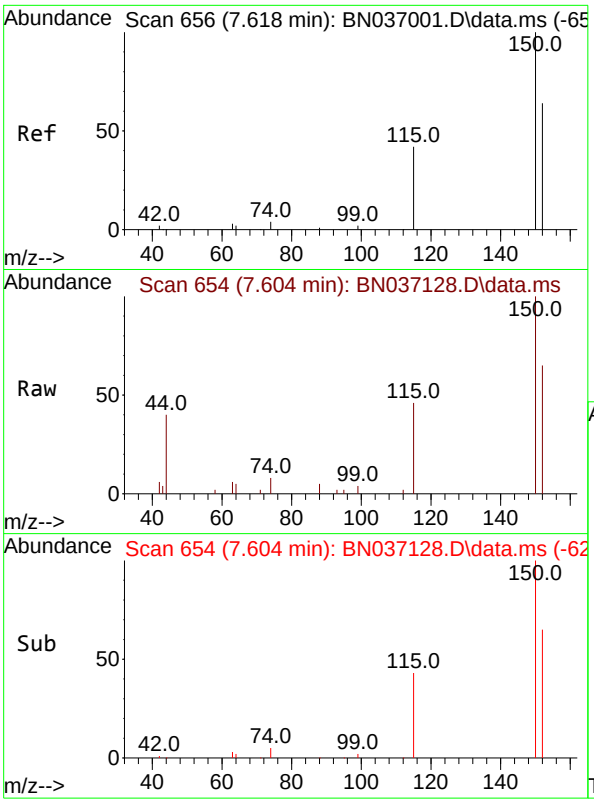
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 11:46:14 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



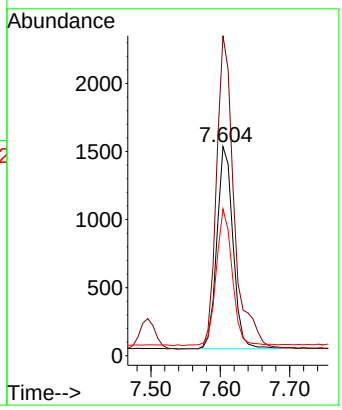


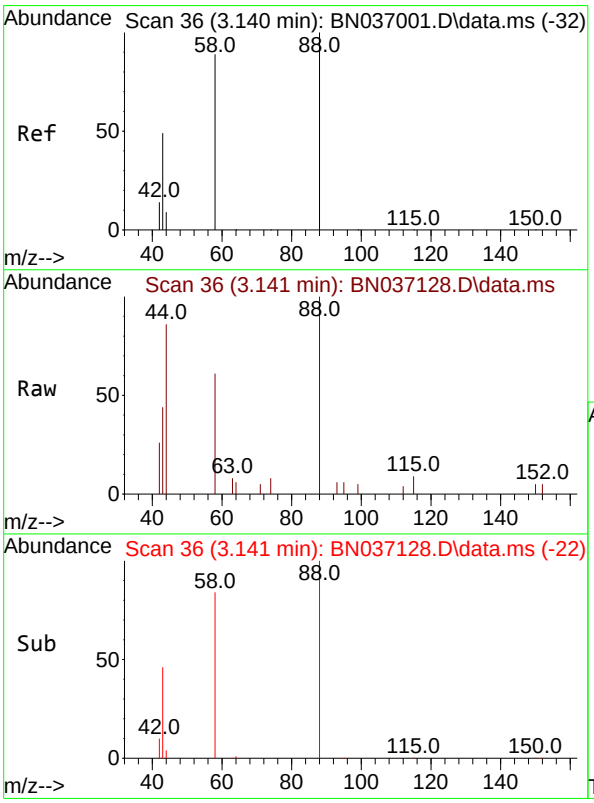
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.604 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2387

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.9	185.9
115	70.1	55.8	83.8

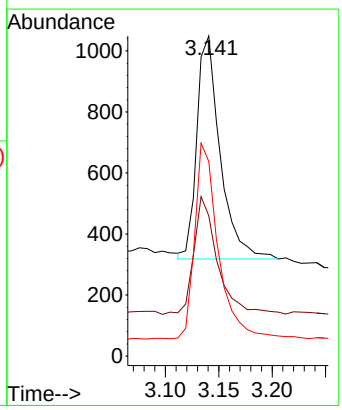


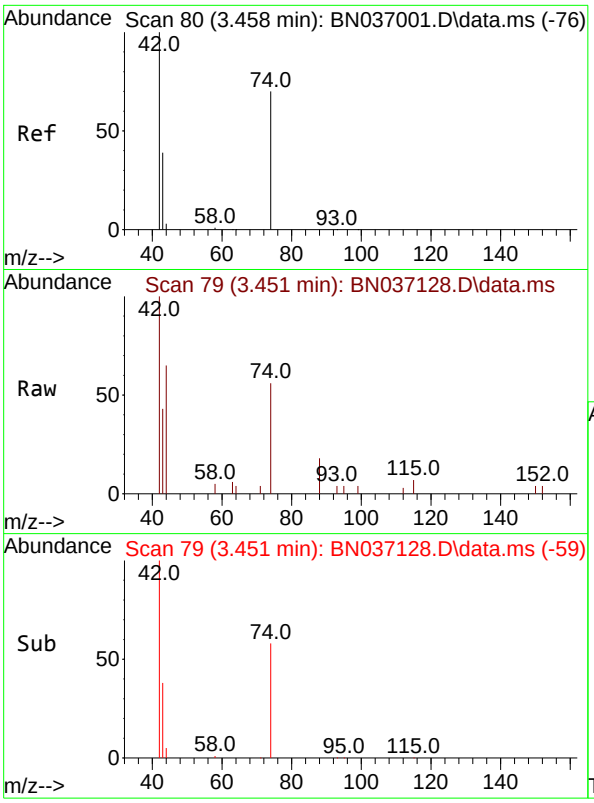


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion: 88 Resp: 1115

Ion	Ratio	Lower	Upper
88	100		
43	53.2	37.4	56.0
58	88.6	68.8	103.2



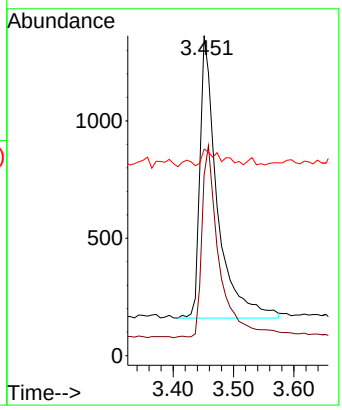


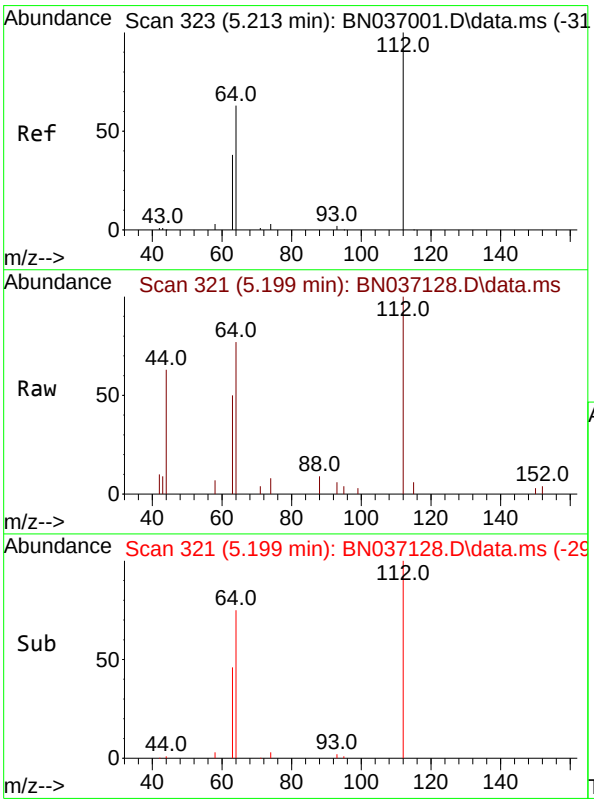
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.451 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2397

Ion	Ratio	Lower	Upper
42	100		
74	69.0	59.8	89.6
44	6.8	11.9	17.9#

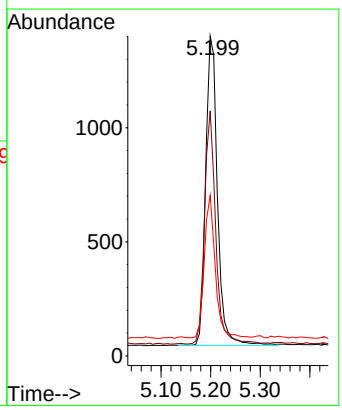


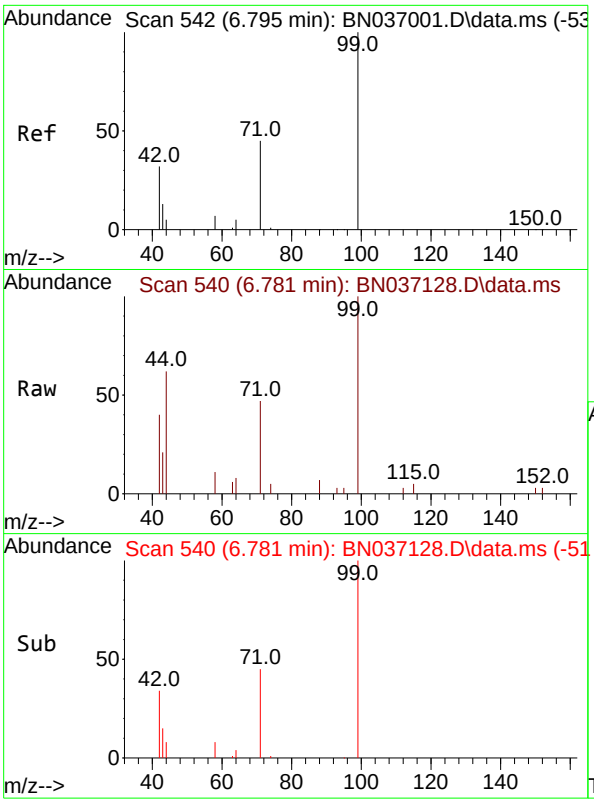


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.199 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:112 Resp: 2247

Ion	Ratio	Lower	Upper
112	100		
64	71.3	55.7	83.5
63	42.6	34.6	51.8



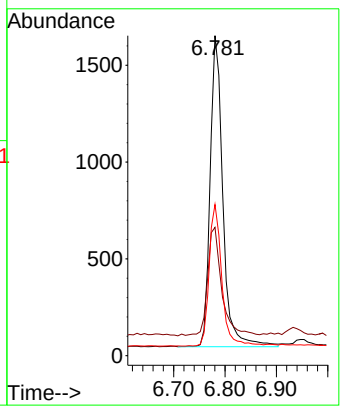


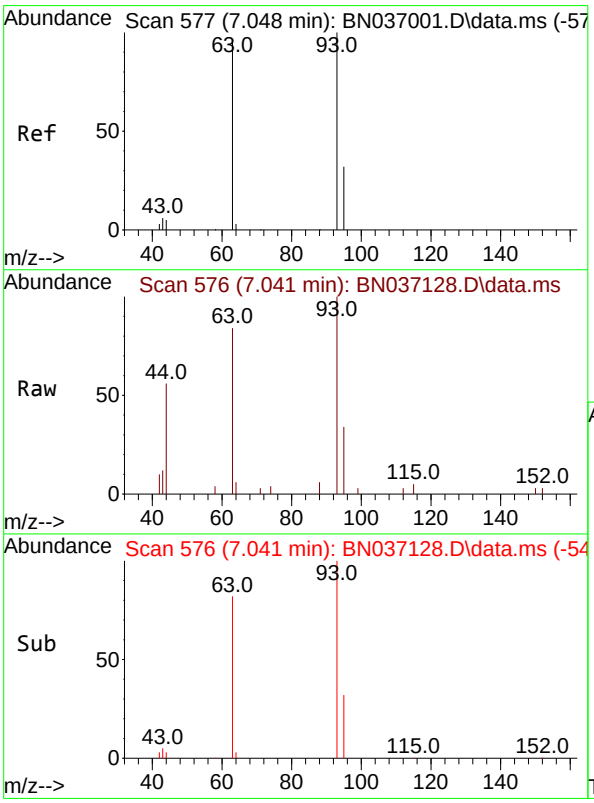
#5
Phenol-d6
Concen: 0.353 ng
RT: 6.781 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2766

Ion	Ratio	Lower	Upper
99	100		
42	39.0	29.3	43.9
71	45.3	35.7	53.5

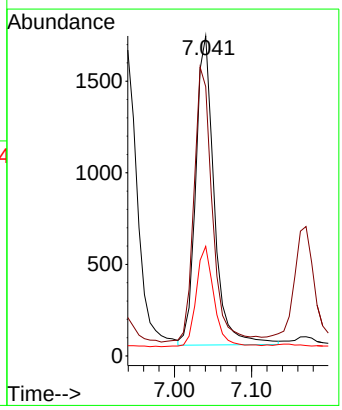


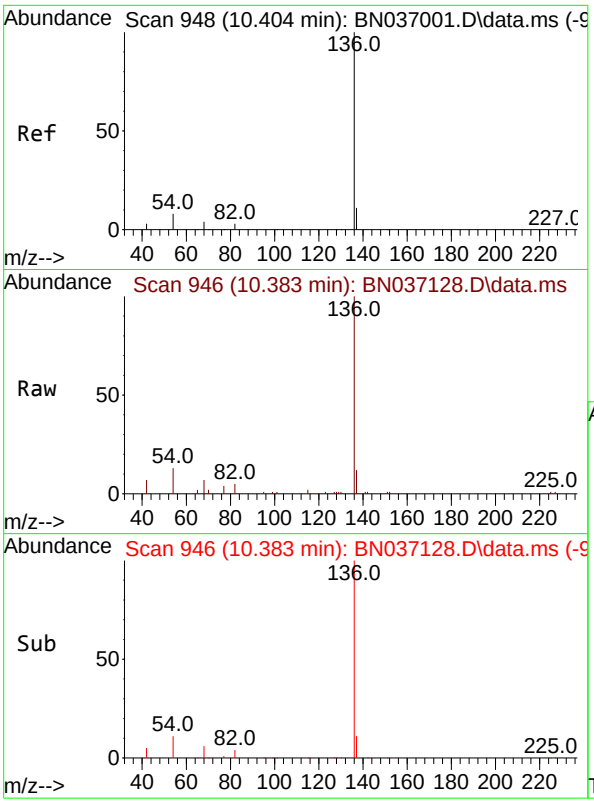


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.041 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion: 93 Resp: 2805

Ion	Ratio	Lower	Upper
93	100		
63	89.1	70.1	105.1
95	31.4	26.2	39.2



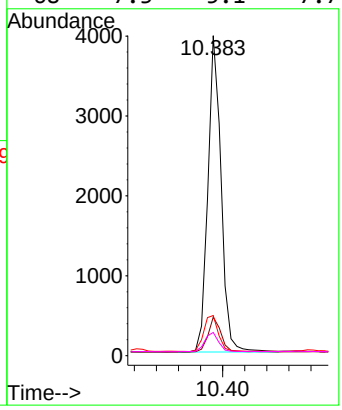


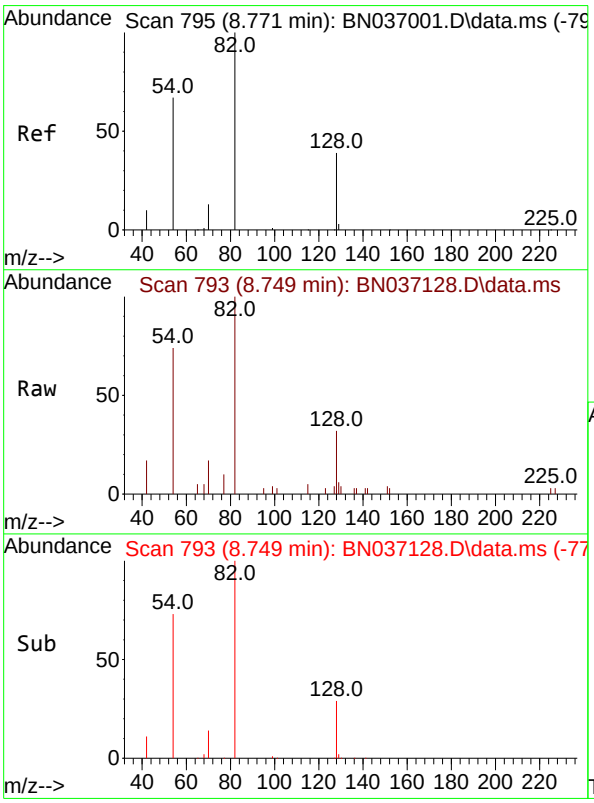
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6582

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

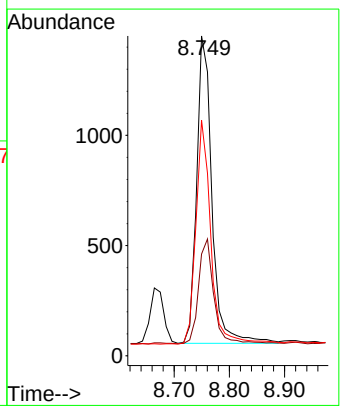


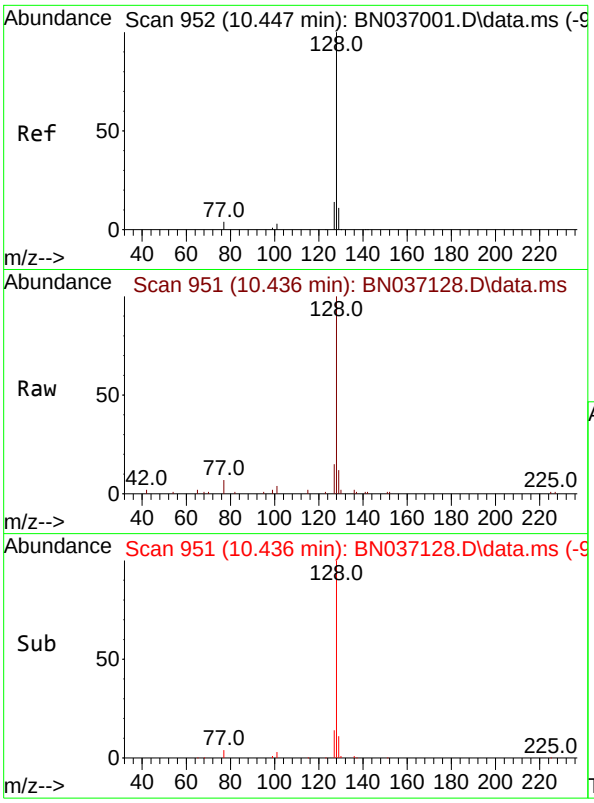


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.749 min Scan# 793
Delta R.T. -0.021 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion: 82 Resp: 2683

Ion	Ratio	Lower	Upper
82	100		
128	31.8	34.0	51.0#
54	73.7	55.0	82.4



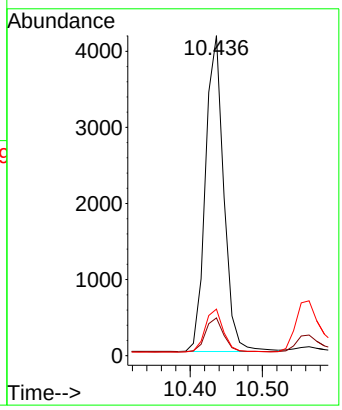


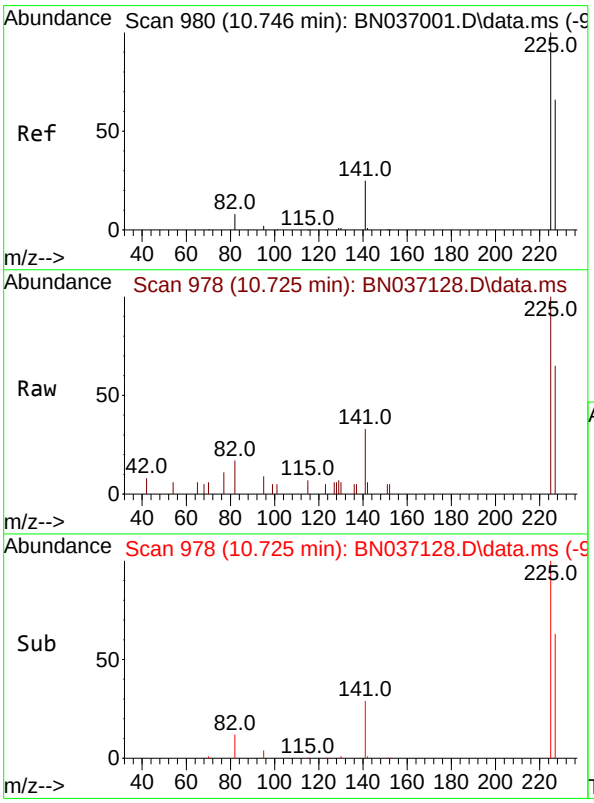
#9
Naphthalene
Concen: 0.375 ng
RT: 10.436 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 7303

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	14.6	12.4	18.6

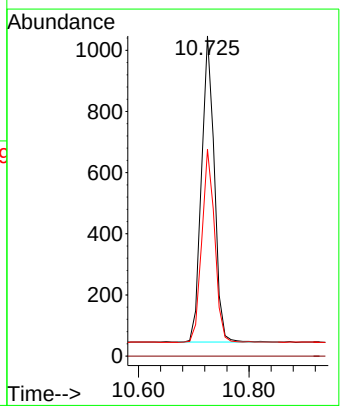


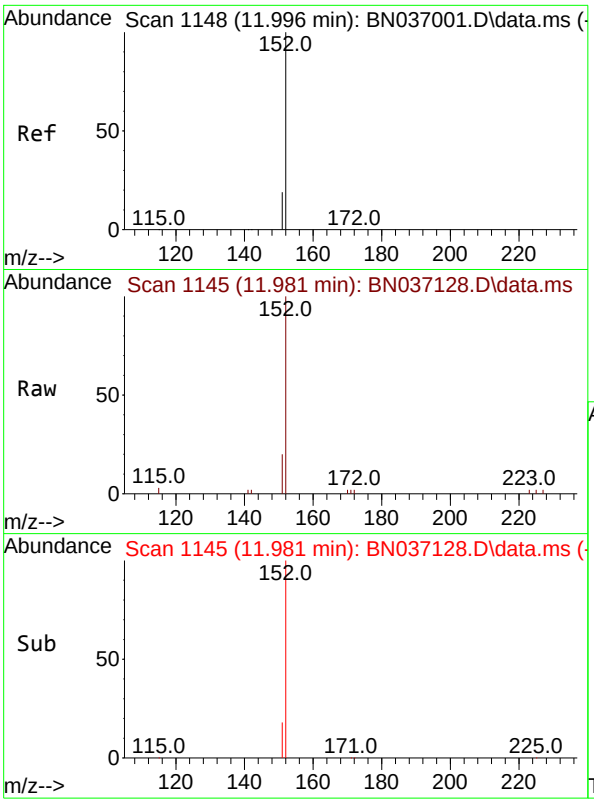


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.725 min Scan# 978
Delta R.T. -0.021 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:225 Resp: 1617

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.9	76.3



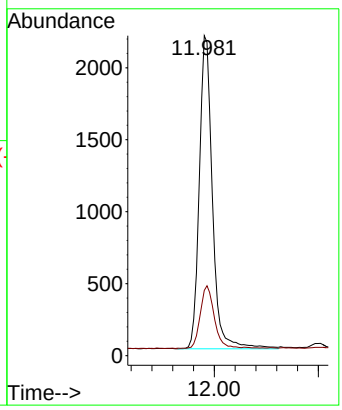


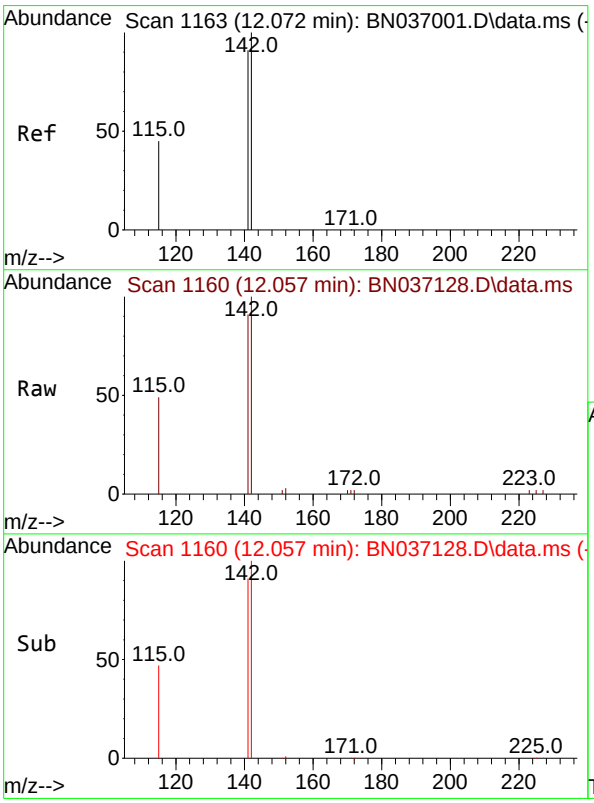
#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 11.981 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3798

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3

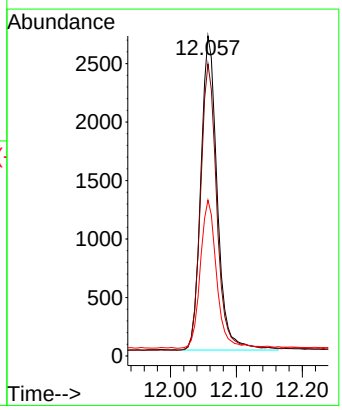


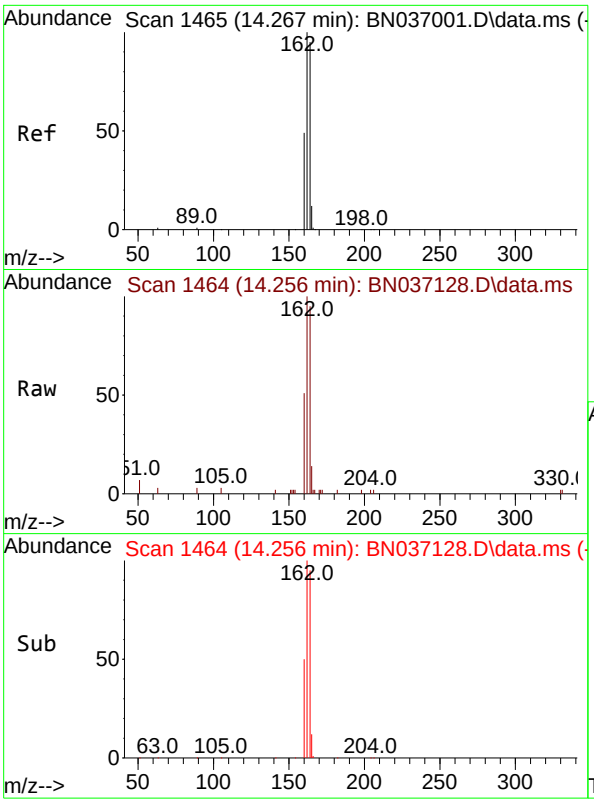


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.057 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:142 Resp: 4625

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.3	109.9
115	48.7	38.4	57.6



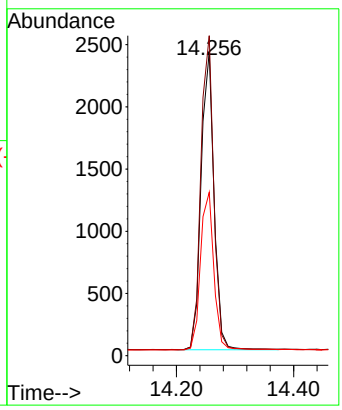


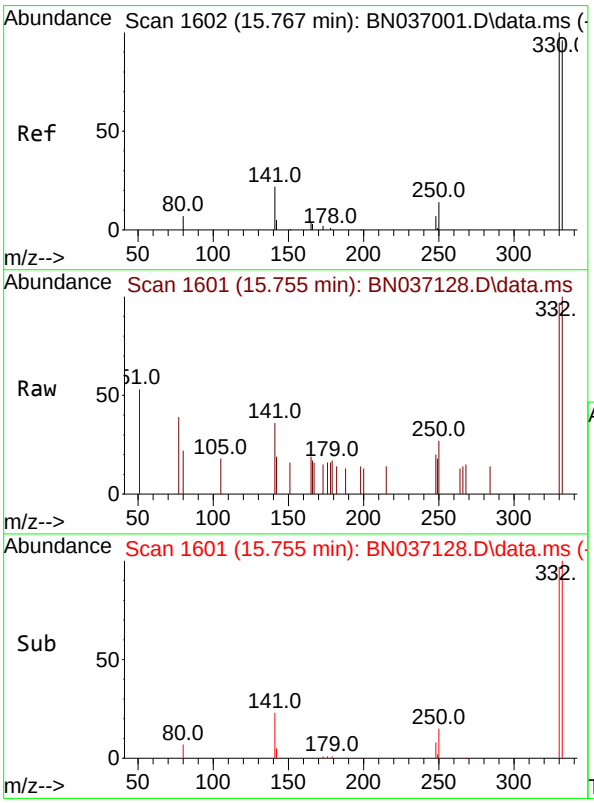
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3682

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.2	126.4
160	53.8	42.6	63.8

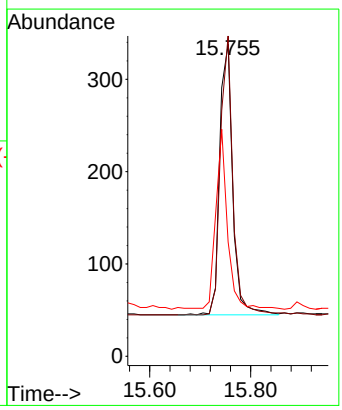


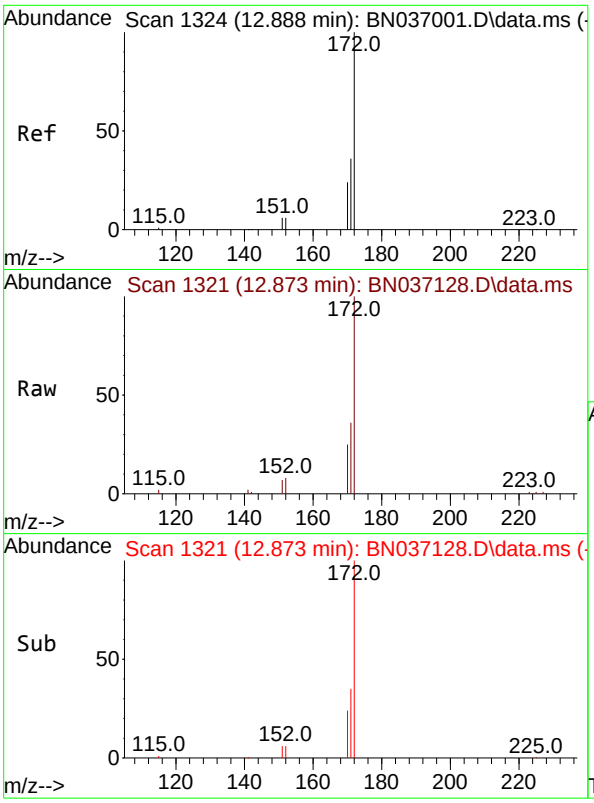


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:330 Resp: 522

Ion	Ratio	Lower	Upper
330	100		
332	99.2	73.8	110.8
141	60.0	43.9	65.9



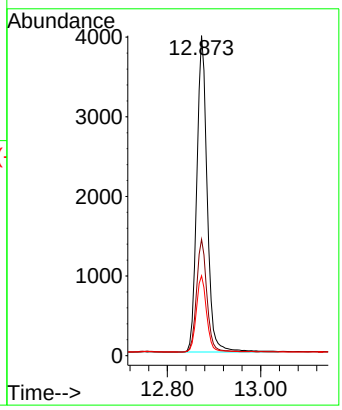


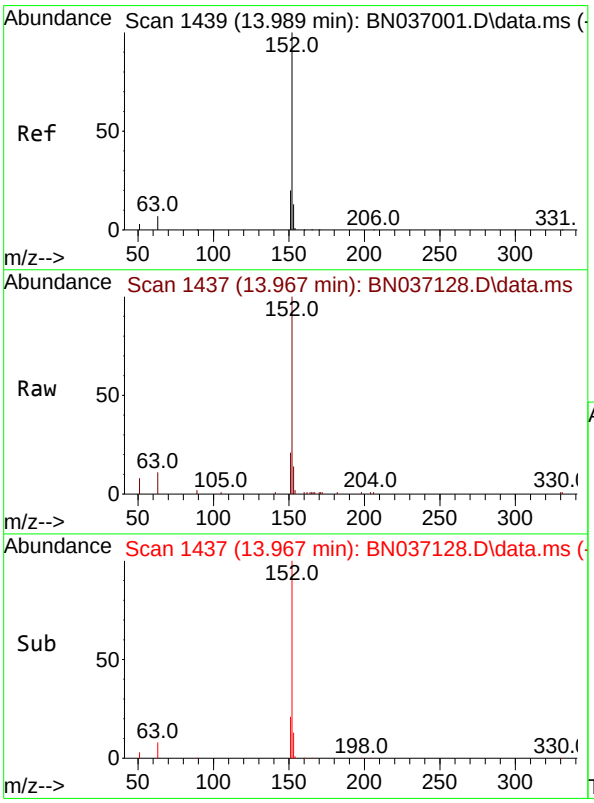
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.873 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6620

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	25.0	20.5	30.7

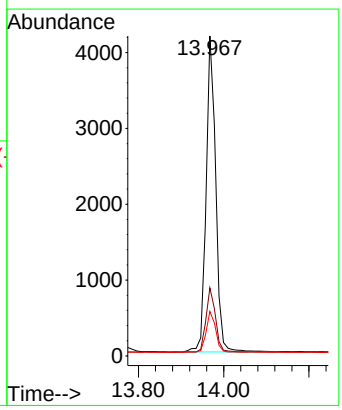


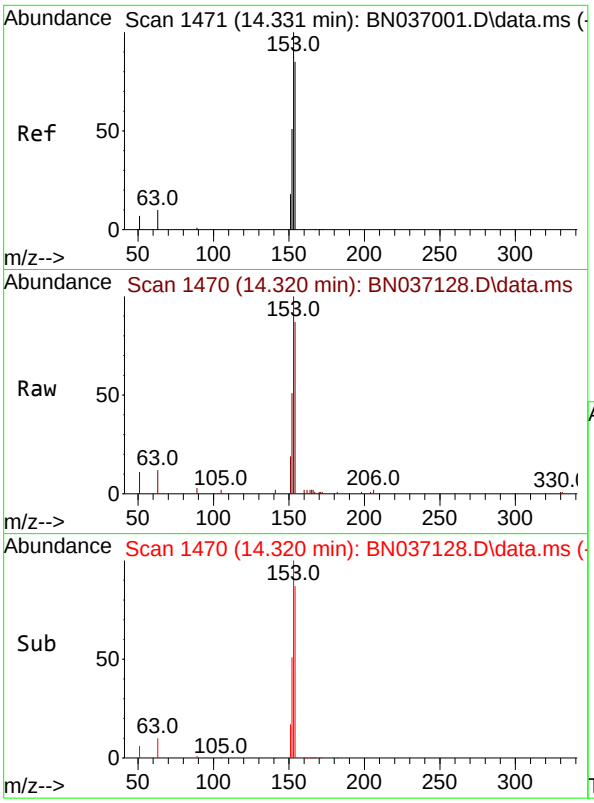


#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.967 min Scan# 1437
Delta R.T. -0.021 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:152 Resp: 6514

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.8	10.5	15.7



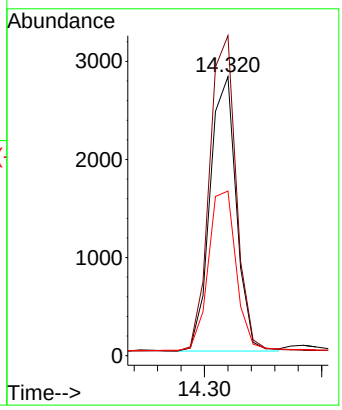


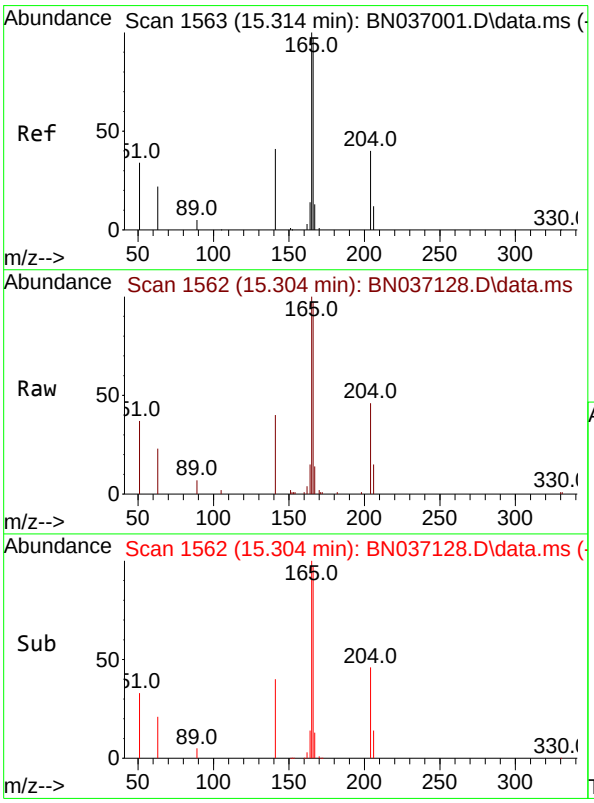
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.320 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4370

Ion	Ratio	Lower	Upper
154	100		
153	116.9	94.2	141.4
152	61.8	49.4	74.0

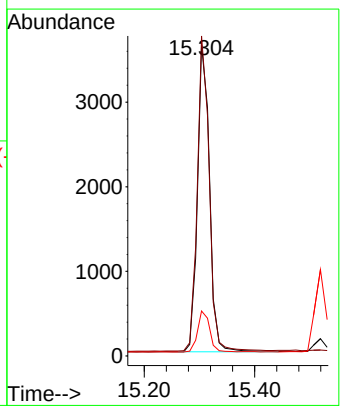


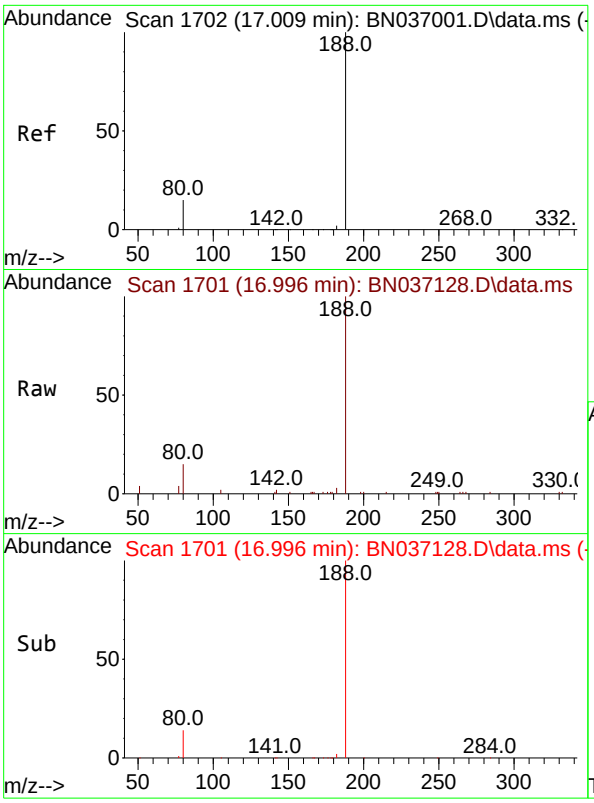


#18
Fluorene
Concen: 0.359 ng
RT: 15.304 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:166 Resp: 5520

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	120.8
167	13.3	10.6	16.0



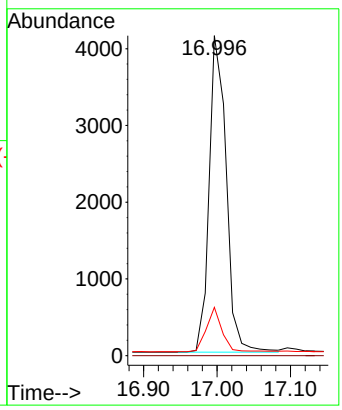


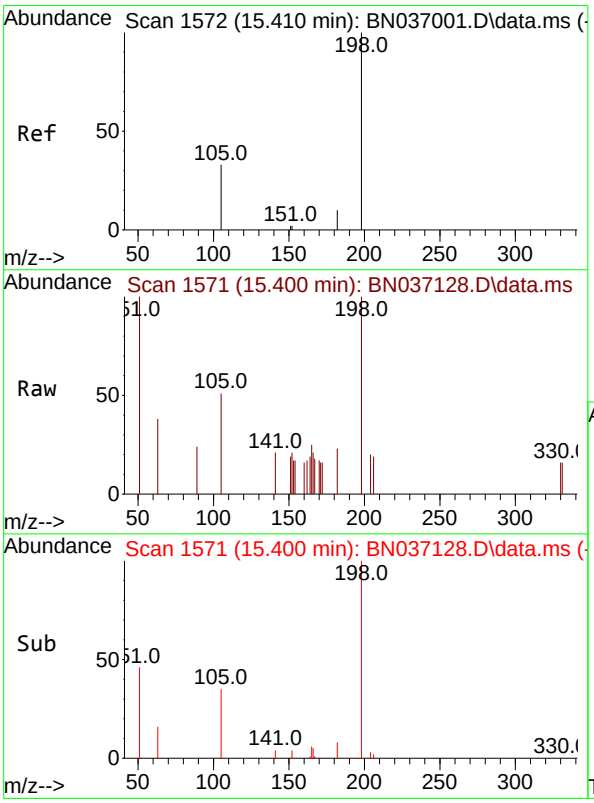
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6656

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	13.4	20.0

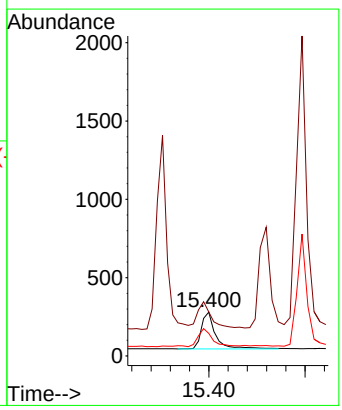


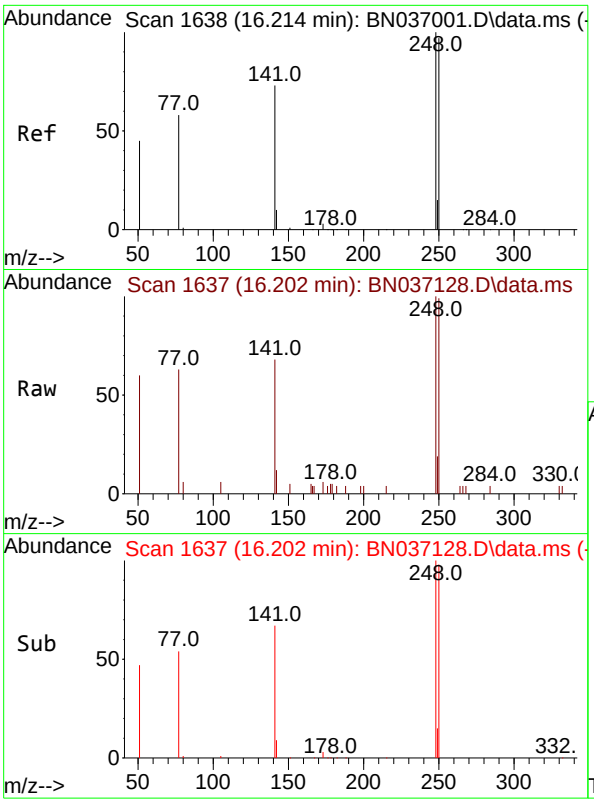


#20
4,6-Dinitro-2-methylphenol
Concen: 0.384 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:198 Resp: 491

Ion	Ratio	Lower	Upper
198	100		
51	100.4	87.8	131.6
105	51.4	44.2	66.4



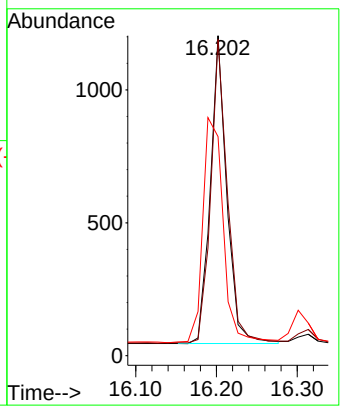


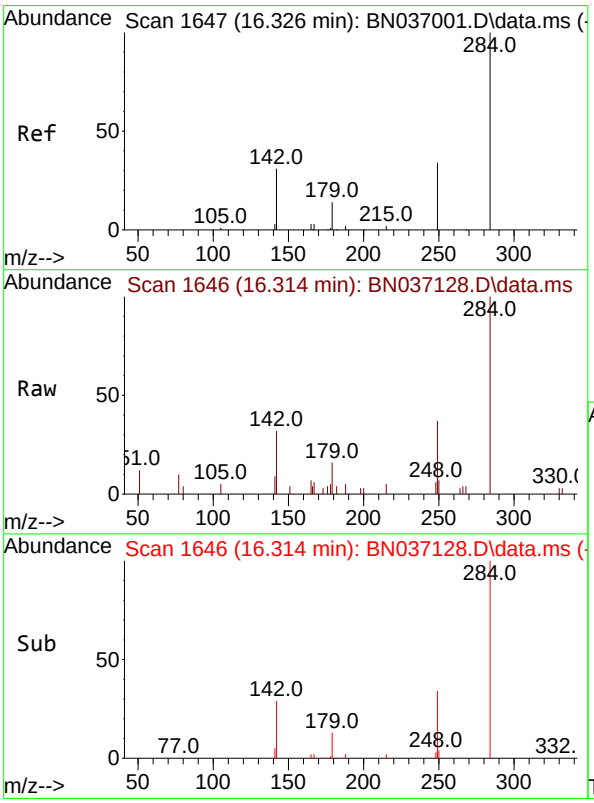
#21
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.202 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1638

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.1	117.1
141	68.4	59.7	89.5

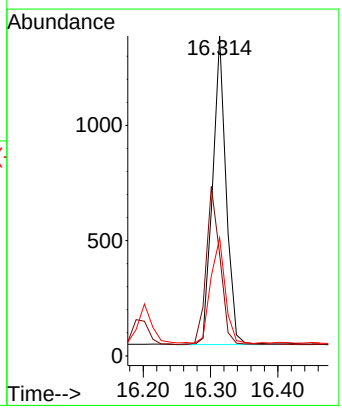


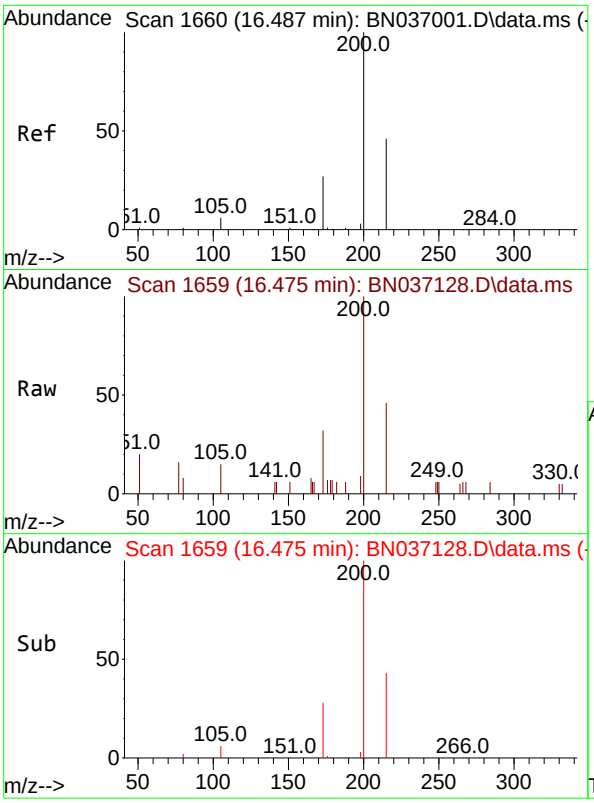


#22
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.314 min Scan# 1646
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:284 Resp: 1860

Ion	Ratio	Lower	Upper
284	100		
142	52.9	41.2	61.8
249	36.9	28.7	43.1



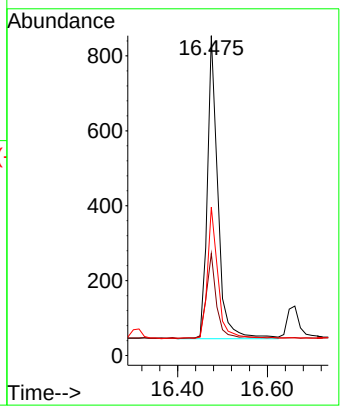


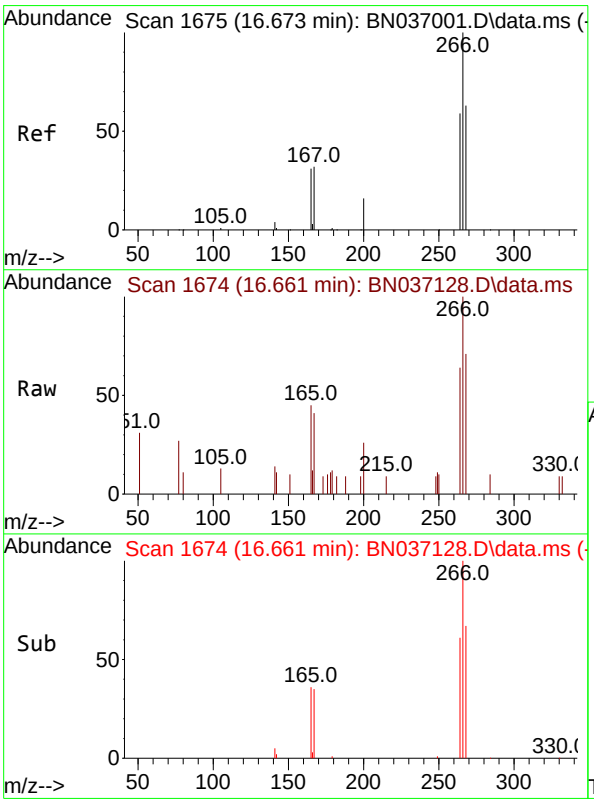
#23
Atrazine
Concen: 0.357 ng
RT: 16.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1309

Ion	Ratio	Lower	Upper
200	100		
173	31.9	25.2	37.8
215	46.4	39.3	58.9

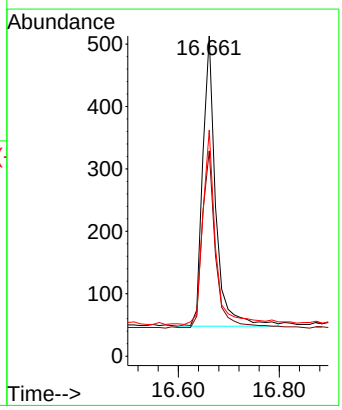


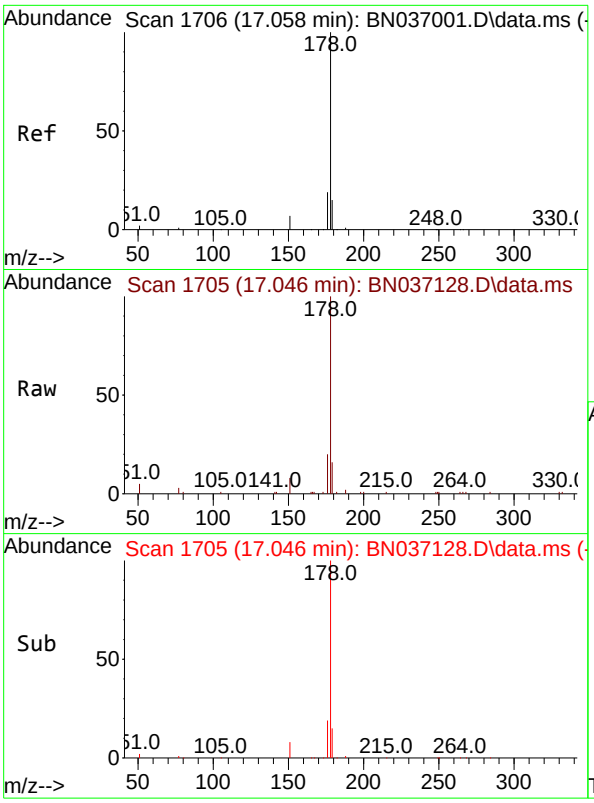


#24
Pentachlorophenol
Concen: 0.337 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:266 Resp: 836

Ion	Ratio	Lower	Upper
266	100		
264	61.1	47.9	71.9
268	64.6	50.0	75.0



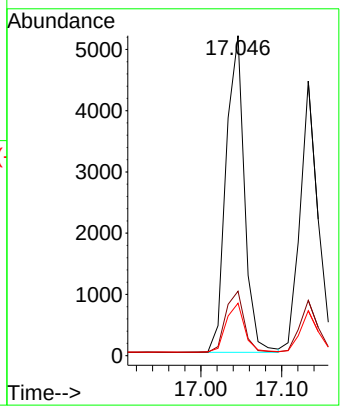


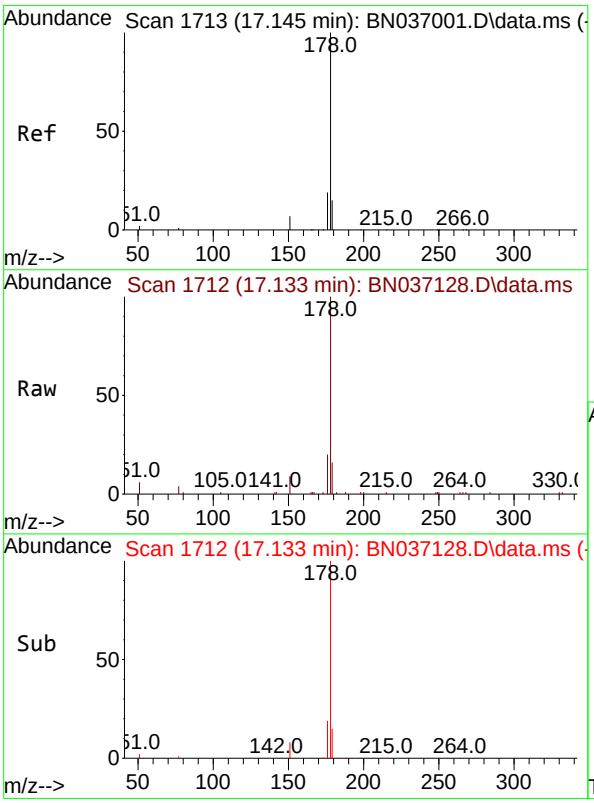
#25
Phenanthrene
Concen: 0.377 ng
RT: 17.046 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 8191

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

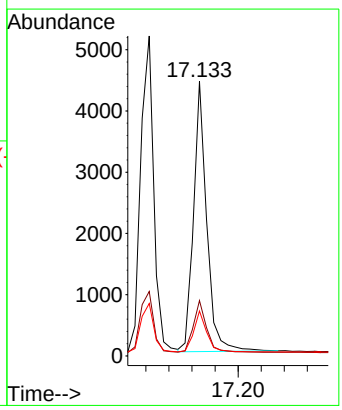


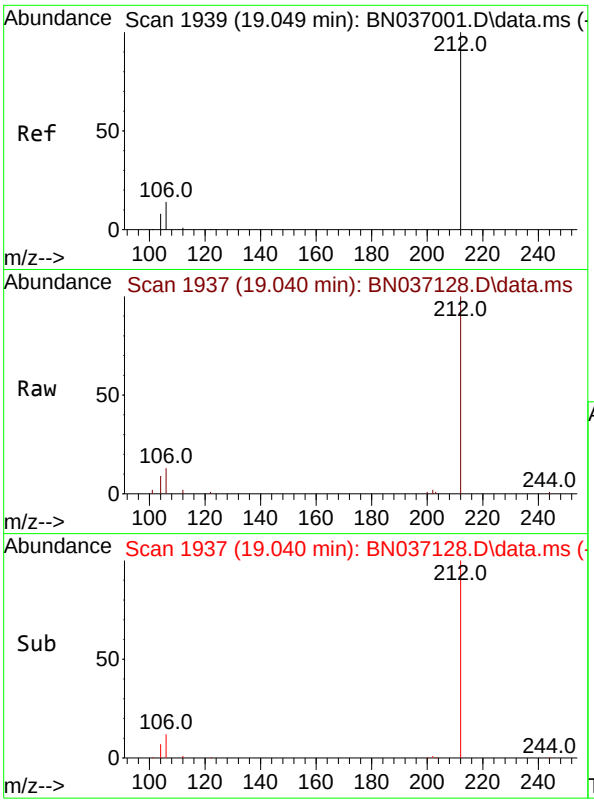


#26
Anthracene
Concen: 0.355 ng
RT: 17.133 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:178 Resp: 7026

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.6
179	15.3	12.3	18.5



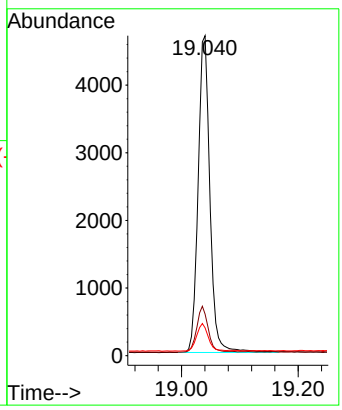


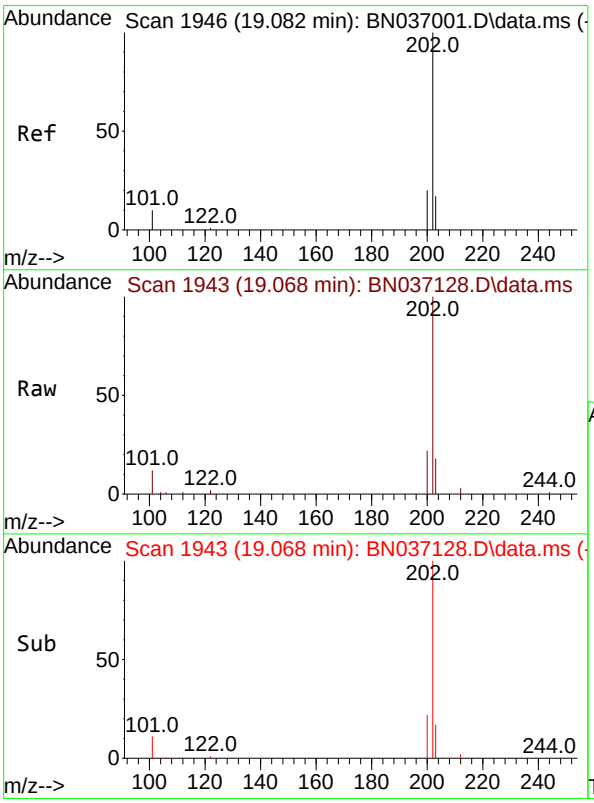
#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 6590

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.3	16.9
104	8.4	6.7	10.1

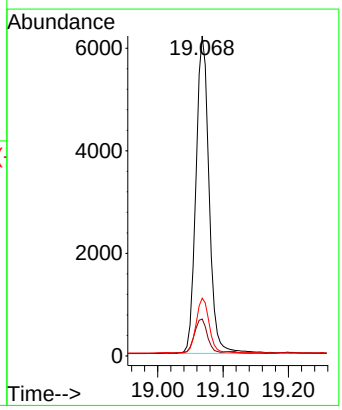


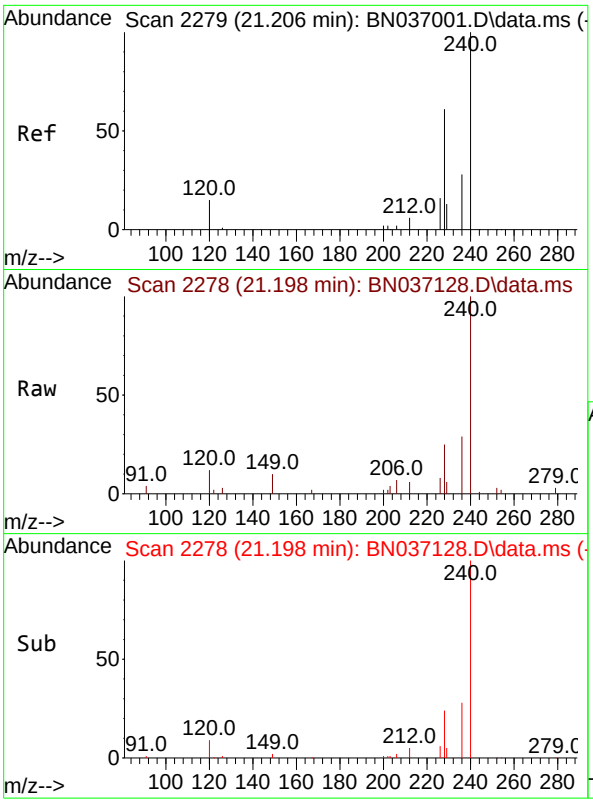


#28
Fluoranthene
Concen: 0.332 ng
RT: 19.068 min Scan# 1943
Delta R.T. -0.014 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:202 Resp: 8637

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.0	13.8	20.8



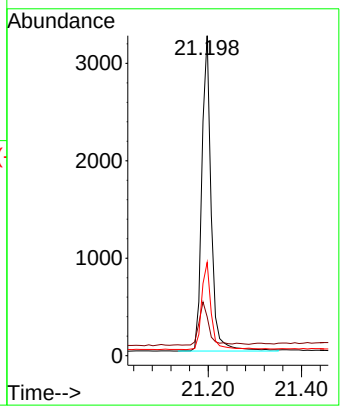


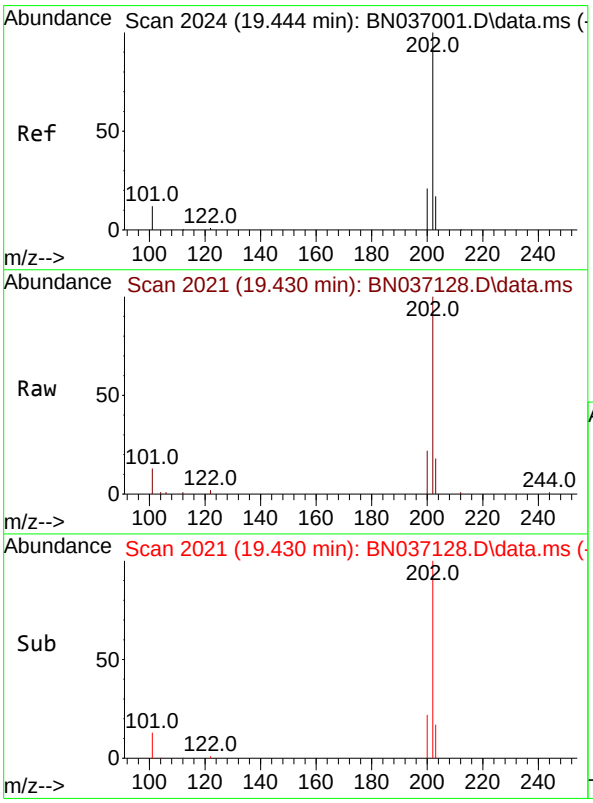
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 4500

Ion	Ratio	Lower	Upper
240	100		
120	12.1	15.1	22.7#
236	29.1	24.0	36.0

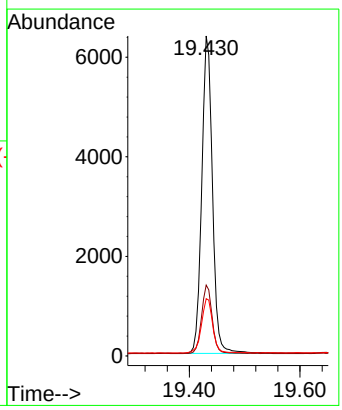


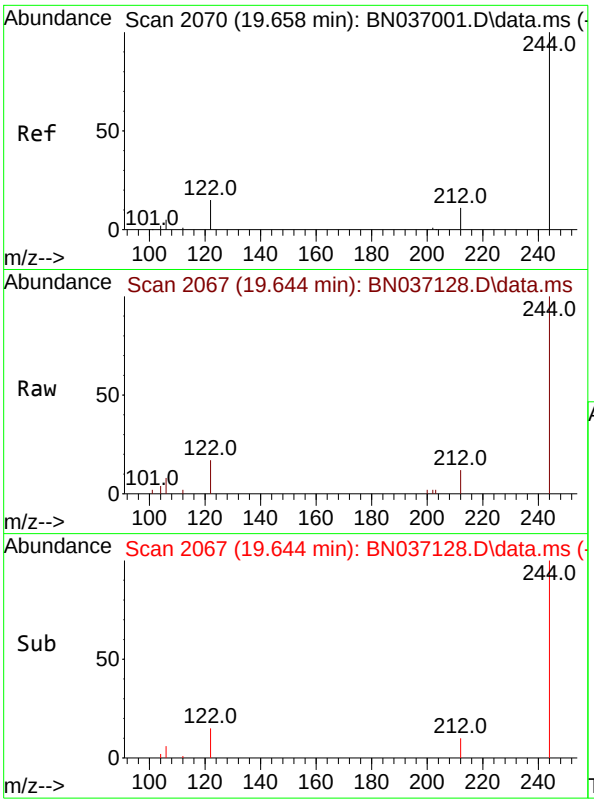


#30
Pyrene
Concen: 0.446 ng
RT: 19.430 min Scan# 2021
Delta R.T. -0.014 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:202 Resp: 8591

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	18.2	14.2	21.4



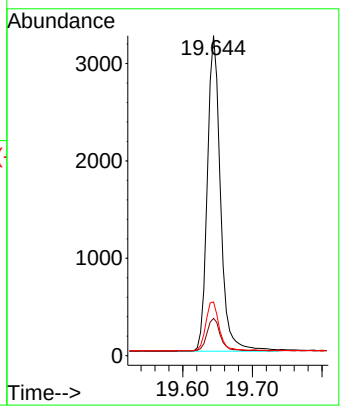


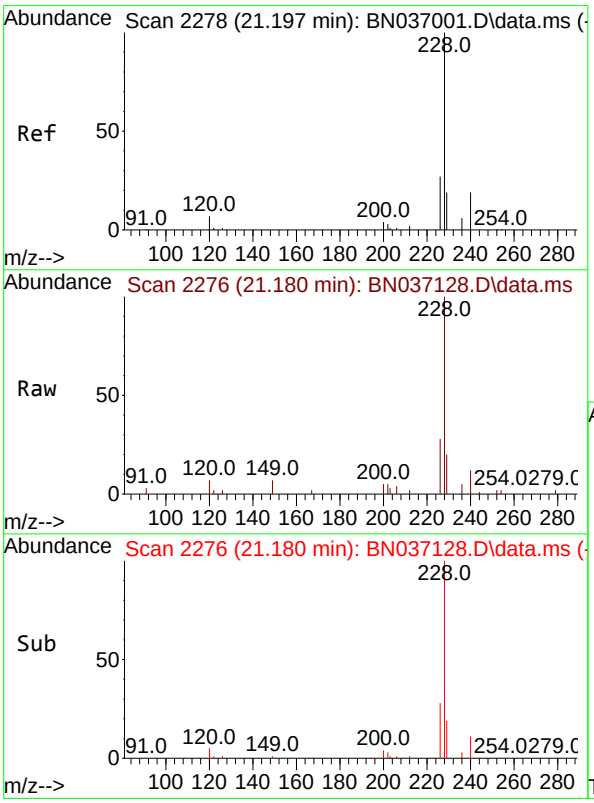
#31
Terphenyl-d14
Concen: 0.442 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4257

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	16.8	13.4	20.0

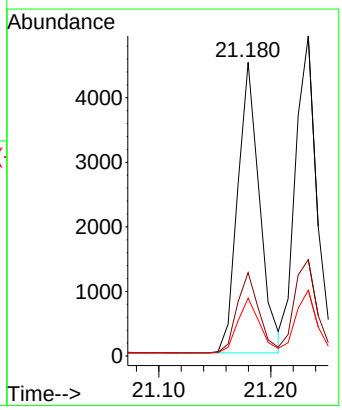


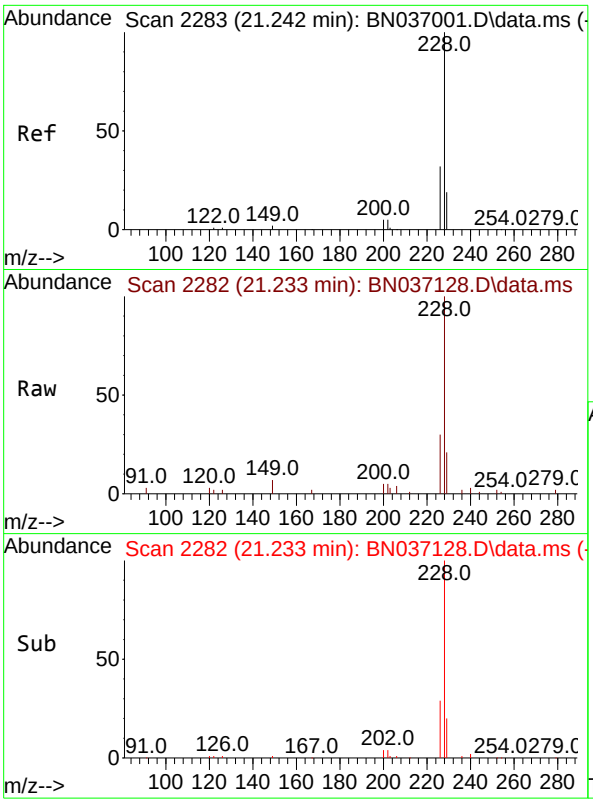


#32
Benzo(a)anthracene
Concen: 0.361 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:228 Resp: 6109

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	19.7	16.0	24.0



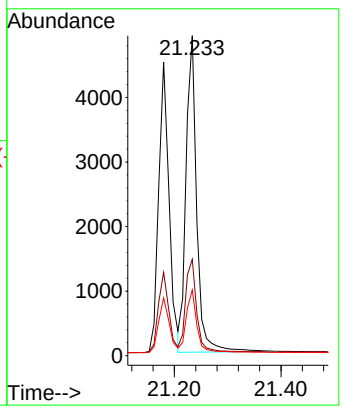


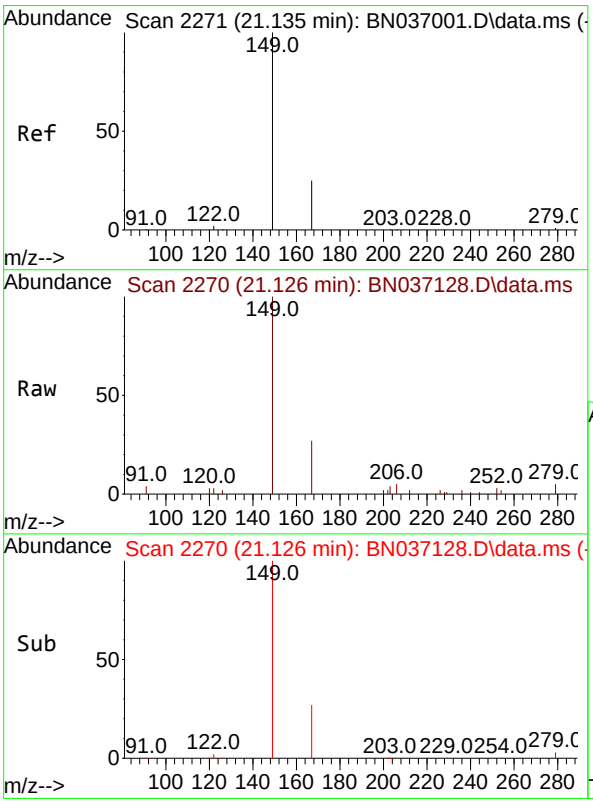
#33
Chrysene
Concen: 0.380 ng
RT: 21.233 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 6811

Ion	Ratio	Lower	Upper
228	100		
226	30.1	26.3	39.5
229	20.6	16.2	24.2

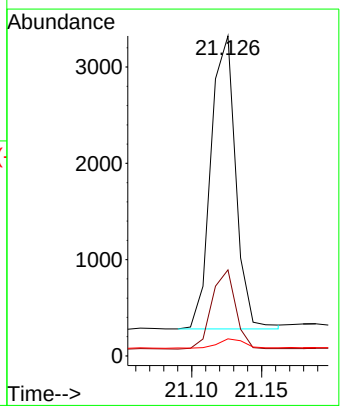


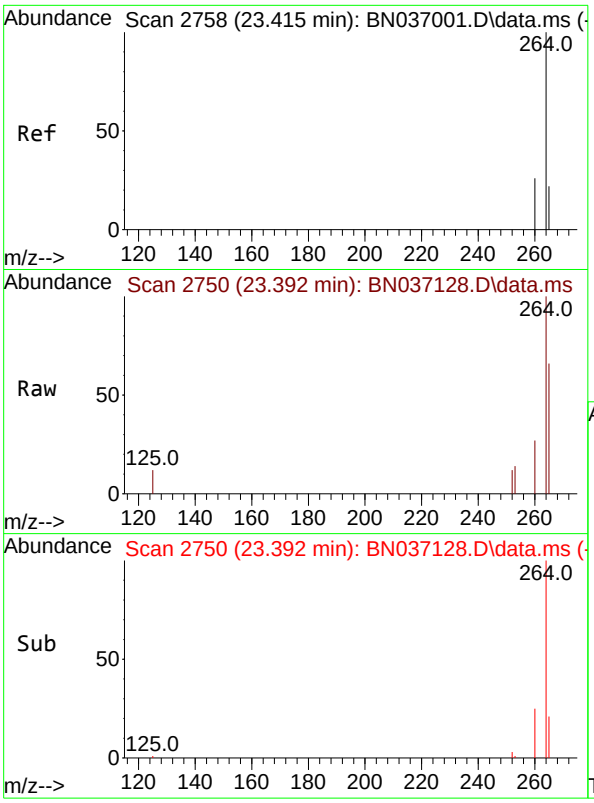


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:149 Resp: 3761

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.6	30.8
279	3.5	2.6	3.8



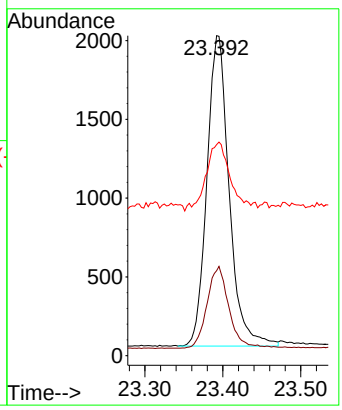


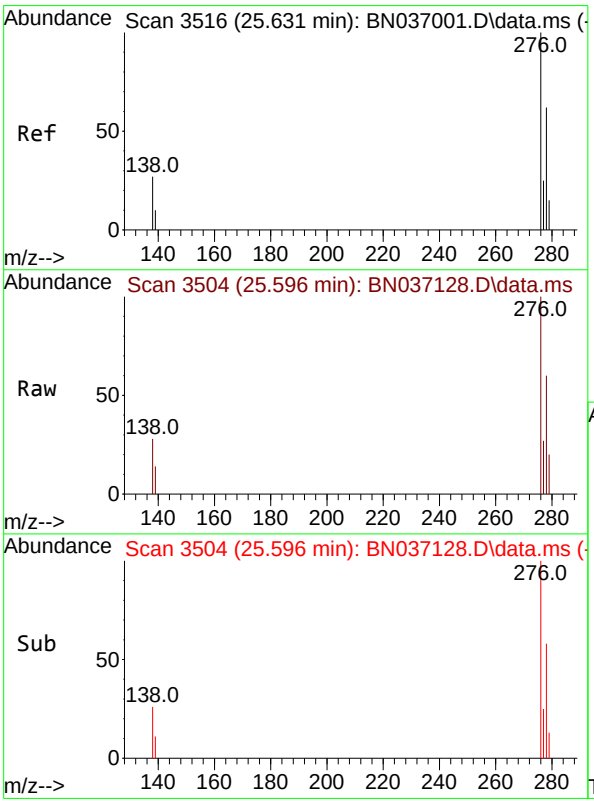
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.392 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 3905

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.9	32.9
265	65.9	51.6	77.4

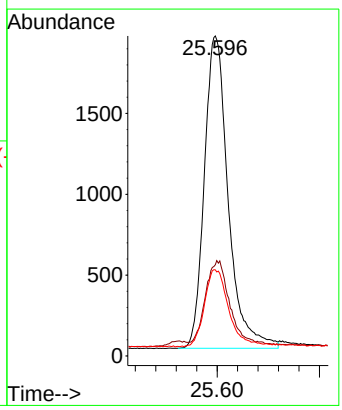


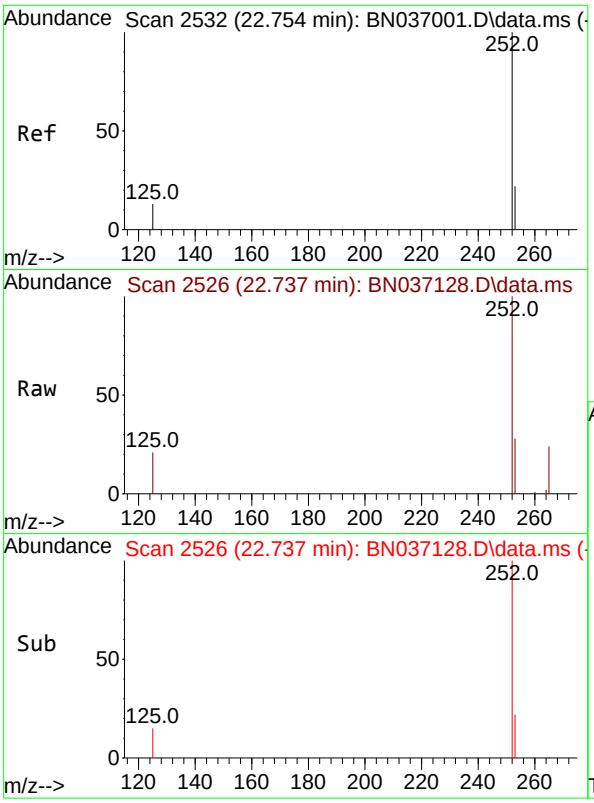


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 25.596 min Scan# 3504
Delta R.T. -0.035 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:276 Resp: 6266

Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.7	34.1
277	24.8	20.0	30.0



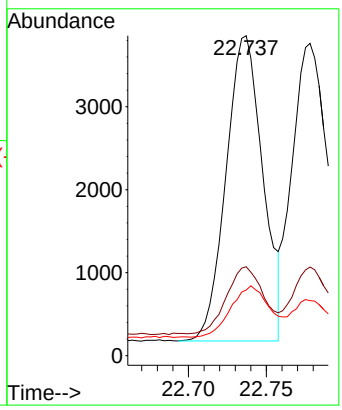


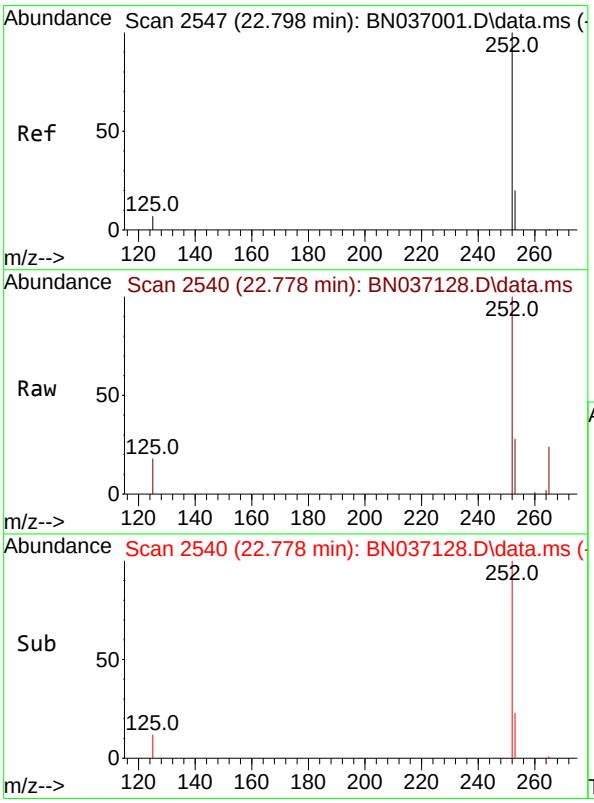
#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.737 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6045

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.8	32.6
125	20.5	14.6	21.8

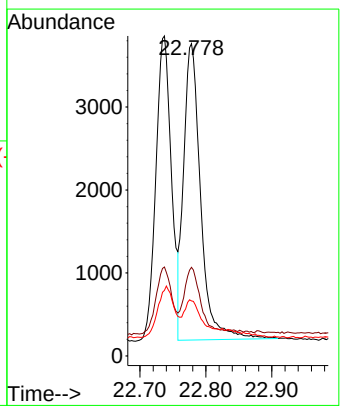


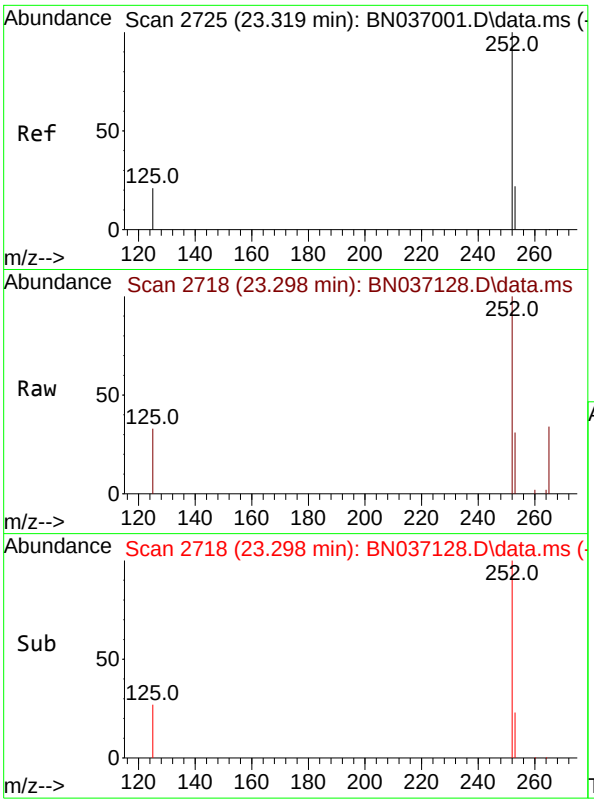


#38
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 22.778 min Scan# 2540
Delta R.T. -0.020 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:252 Resp: 6392

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.4	32.2
125	17.6	13.0	19.4



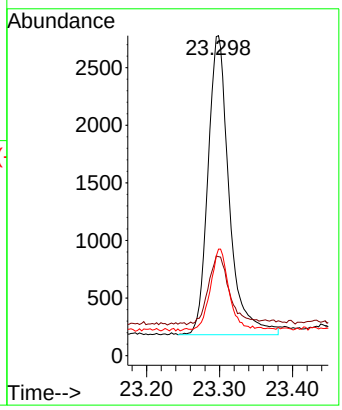


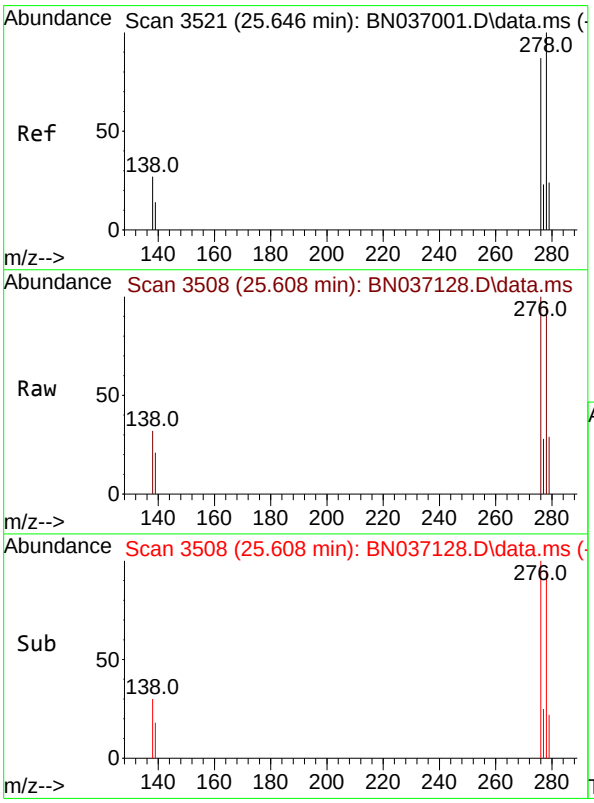
#39
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.298 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5247

Ion	Ratio	Lower	Upper
252	100		
253	31.0	23.8	35.6
125	33.3	21.8	32.6#

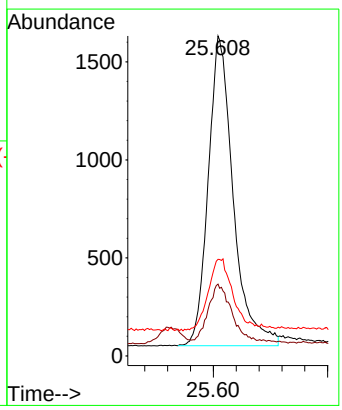


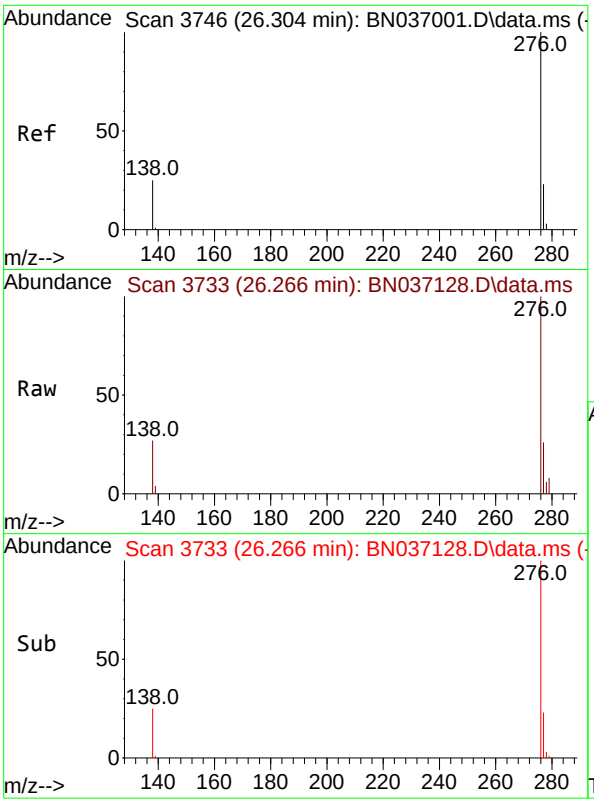


#40
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 25.608 min Scan# 3508
Delta R.T. -0.038 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Tgt Ion:278 Resp: 4793

Ion	Ratio	Lower	Upper
278	100		
139	22.4	17.4	26.0
279	30.2	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.410 ng
RT: 26.266 min Scan# 3
Delta R.T. -0.038 min
Lab File: BN037128.D
Acq: 29 May 2025 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 5529

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.2	30.4
138	27.1	22.0	33.0