Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037126.D
Acq On : 29 May 2025 01:35
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 03:44:52 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	7.611	152	2032	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	5568	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	3201	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	5866	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	3944	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	3424	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	1923	0.361	ng	-0.01
5) Phenol-d6	6.781	99	2378	0.357	ng	-0.01
8) Nitrobenzene-d5	8.760	82	2265	0.374	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	3215	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	491	0.349	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	5253	0.358	ng	-0.02
27) Fluoranthene-d10	19.040	212	5978	0.372	ng	0.00
31) Terphenyl-d14	19.644	244	3958	0.469	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	933	0.374	ng	# 94
3) n-Nitrosodimethylamine	3.451	42	2159	0.403	ng	# 88
6) bis(2-Chloroethyl)ether	7.041	93	2314	0.377	ng	97
9) Naphthalene	10.436	128	6206	0.377	ng	99
10) Hexachlorobutadiene	10.725	225	1409	0.408	ng	# 100
12) 2-Methylnaphthalene	12.057	142	3960	0.374	ng	98
16) Acenaphthylene	13.967	152	5690	0.365	ng	99
17) Acenaphthene	14.320	154	3760	0.369	ng	100
18) Fluorene	15.304	166	4908	0.367	ng	100
20) 4,6-Dinitro-2-methylph...	15.400	198	466	0.410	ng	# 83
21) 4-Bromophenyl-phenylether	16.202	248	1474	0.398	ng	99
22) Hexachlorobenzene	16.314	284	1676	0.423	ng	97
23) Atrazine	16.475	200	1212	0.375	ng	97
24) Pentachlorophenol	16.661	266	748	0.342	ng	95
25) Phenanthrene	17.046	178	7265	0.379	ng	99
26) Anthracene	17.133	178	6349	0.364	ng	100
28) Fluoranthene	19.068	202	7765	0.339	ng	98
30) Pyrene	19.430	202	7766	0.460	ng	100
32) Benzo(a)anthracene	21.180	228	5419	0.365	ng	98
33) Chrysene	21.233	228	6182	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.126	149	3666	0.401	ng	99
36) Indeno(1,2,3-cd)pyrene	25.599	276	5322	0.381	ng	97
37) Benzo(b)fluoranthene	22.737	252	5275	0.371	ng	98
38) Benzo(k)fluoranthene	22.778	252	5528	0.394	ng	98
39) Benzo(a)pyrene	23.298	252	4455	0.370	ng	96
40) Dibenzo(a,h)anthracene	25.611	278	4085	0.375	ng	99
41) Benzo(g,h,i)perylene	26.263	276	4756	0.402	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
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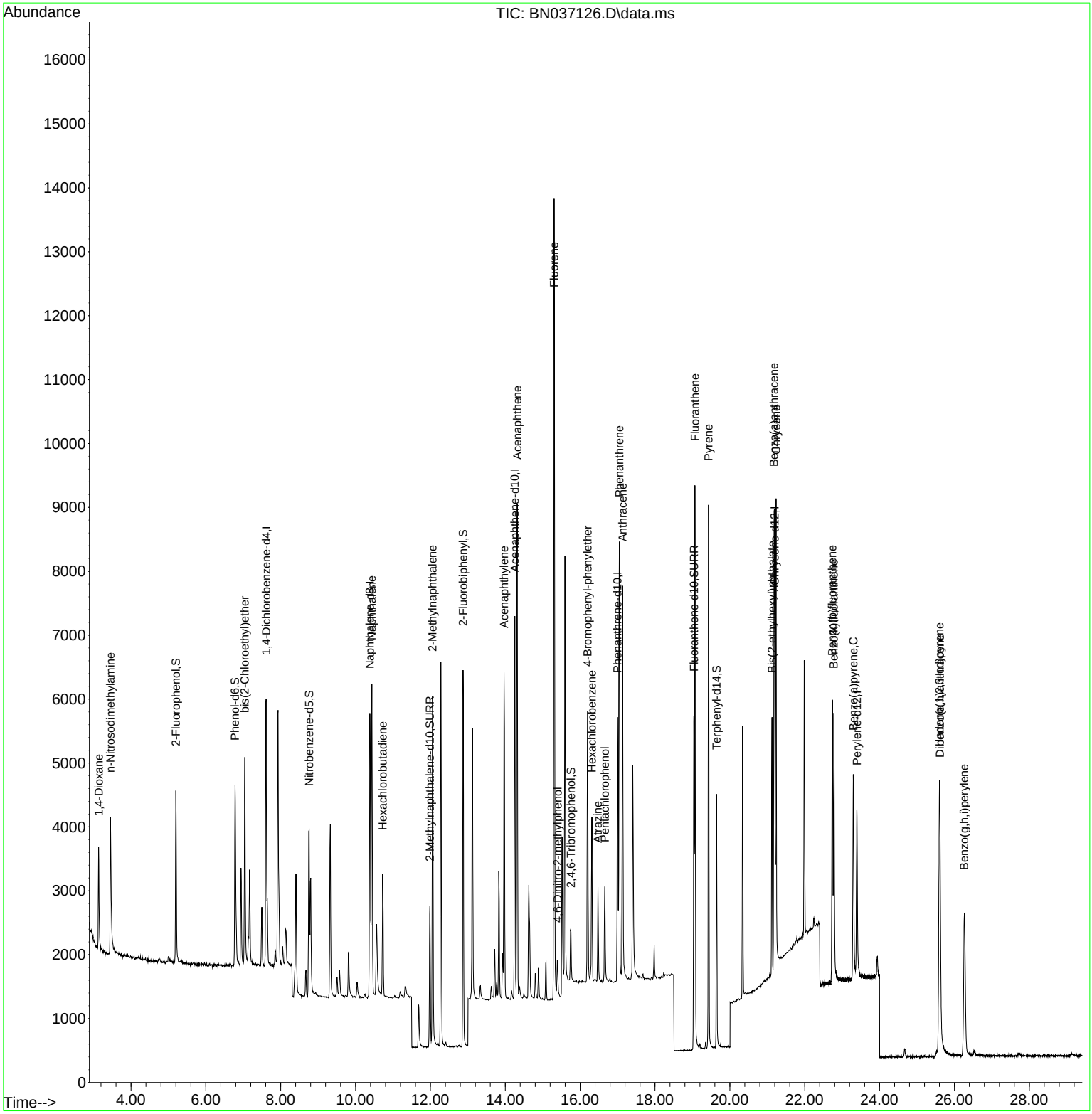
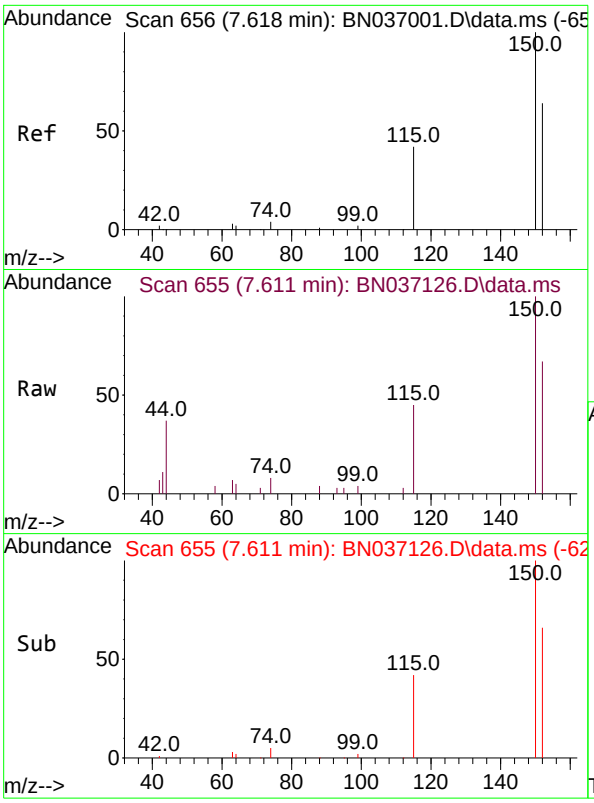
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 03:44:52 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



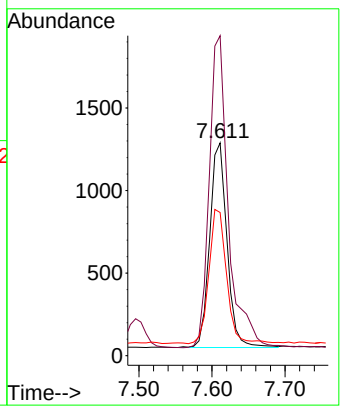


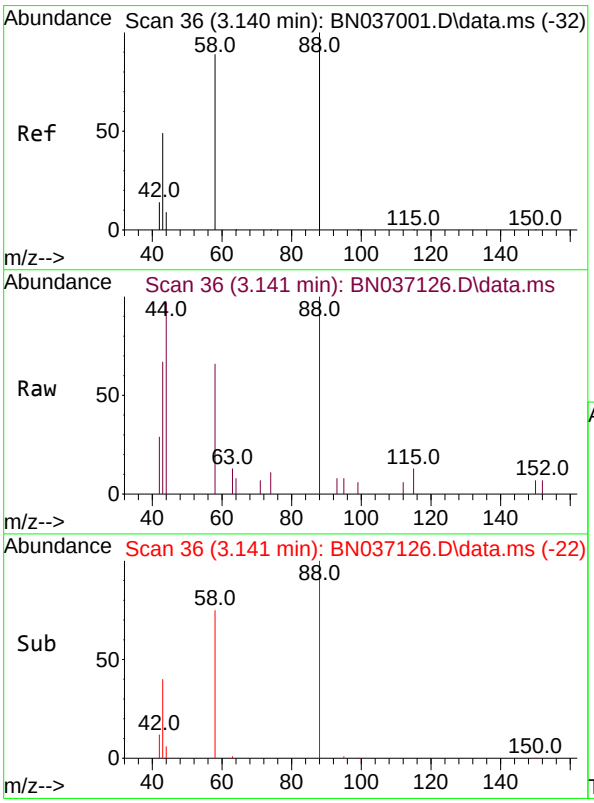
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2032

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.9	185.9
115	67.3	55.8	83.8

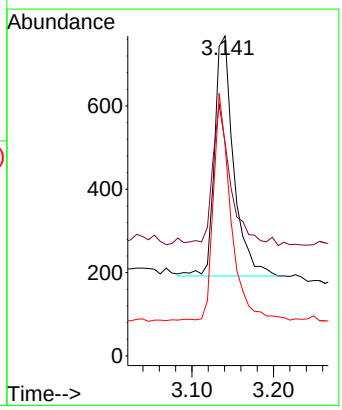


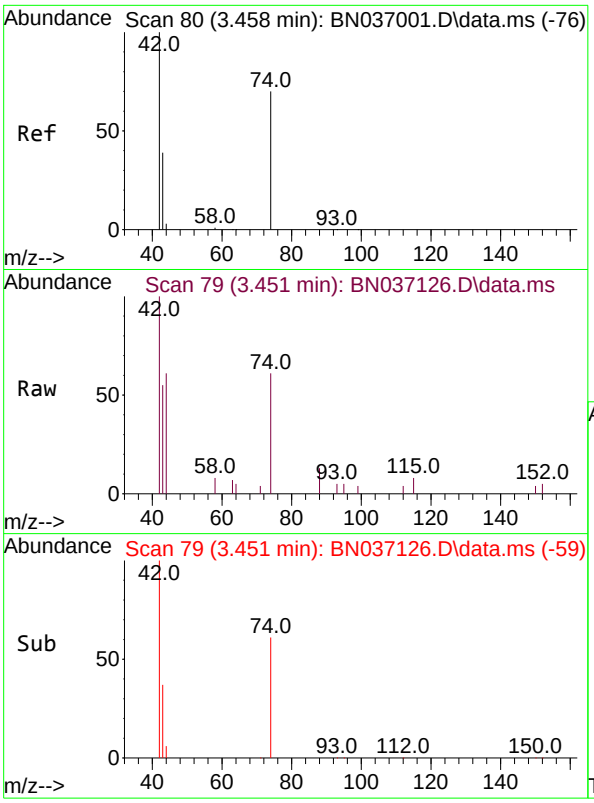


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion: 88 Resp: 933

Ion	Ratio	Lower	Upper
88	100		
43	56.7	37.4	56.0#
58	86.5	68.8	103.2



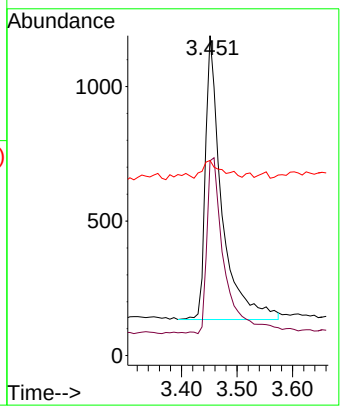


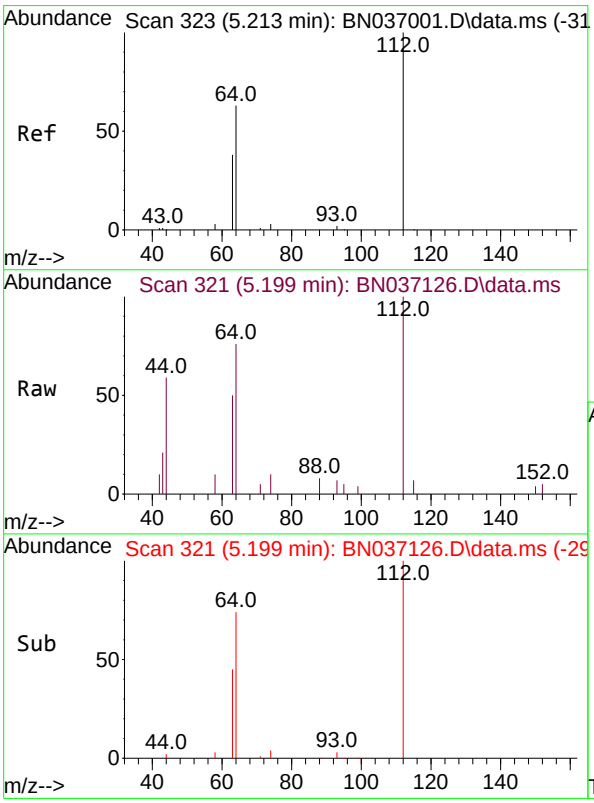
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.451 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2159

Ion	Ratio	Lower	Upper
42	100		
74	65.6	59.8	89.6
44	7.2	11.9	17.9#

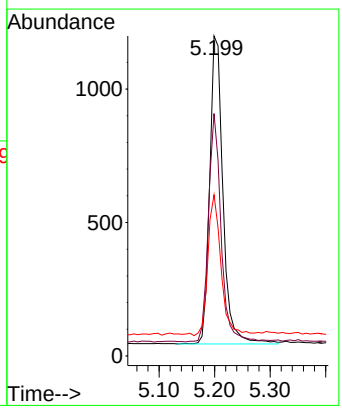


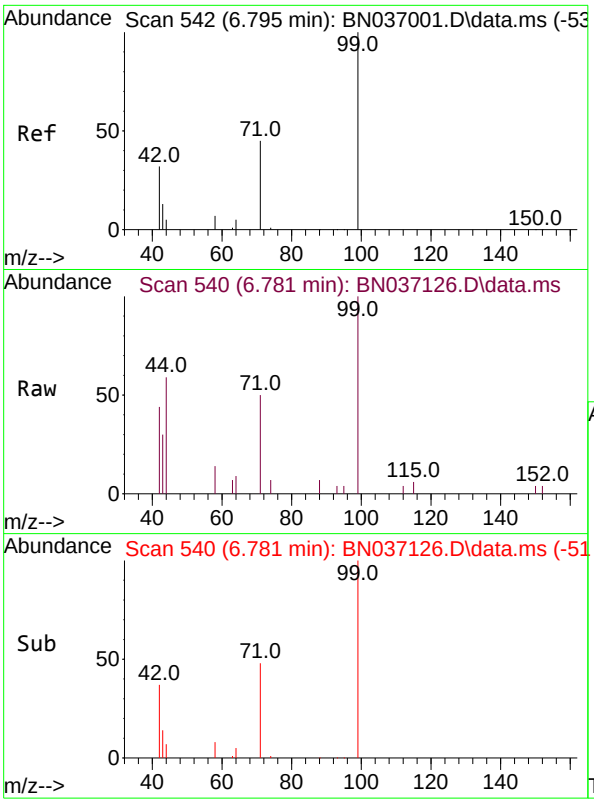


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.199 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:112 Resp: 1923

Ion	Ratio	Lower	Upper
112	100		
64	70.7	55.7	83.5
63	45.4	34.6	51.8



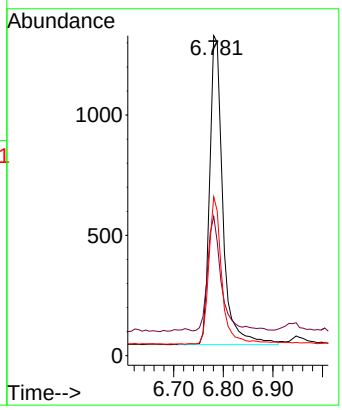


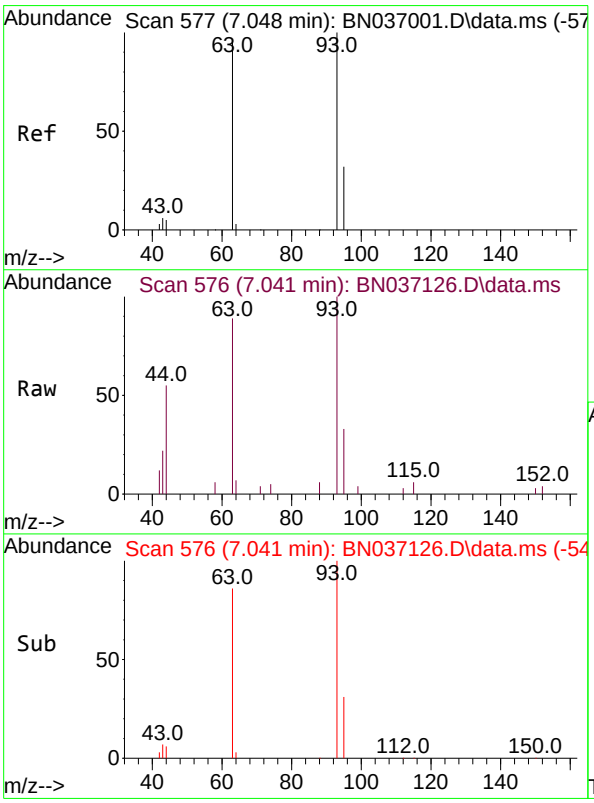
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.781 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2378

Ion	Ratio	Lower	Upper
99	100		
42	38.4	29.3	43.9
71	48.1	35.7	53.5

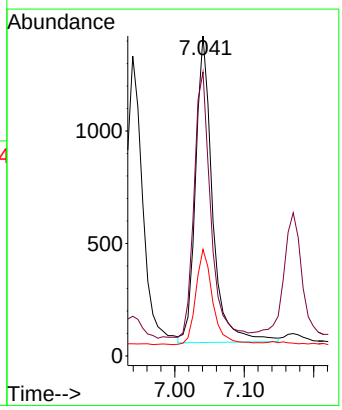


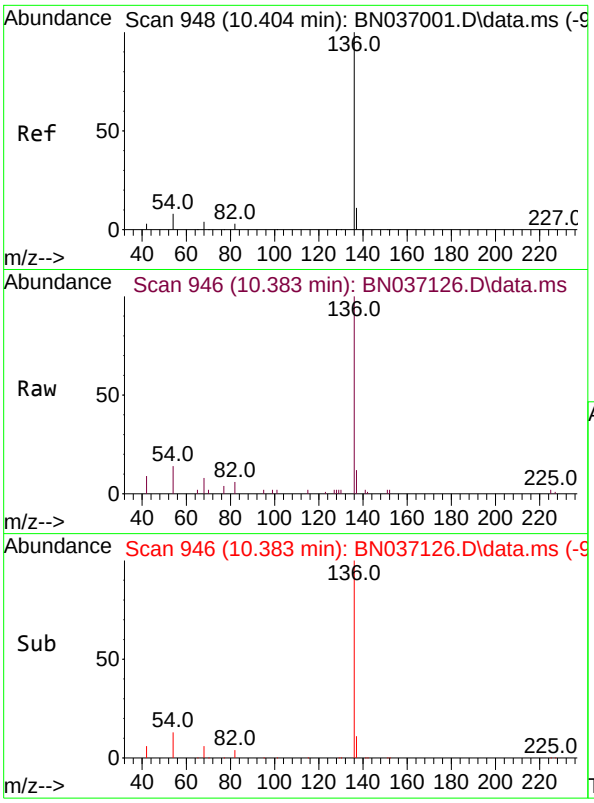


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.041 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion: 93 Resp: 2314

Ion	Ratio	Lower	Upper
93	100		
63	85.0	70.1	105.1
95	31.4	26.2	39.2



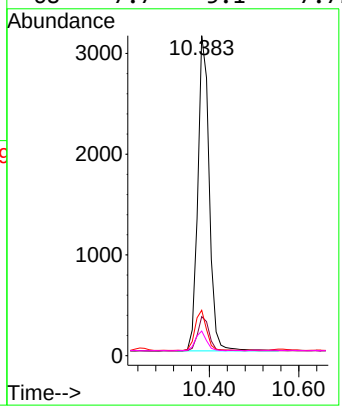


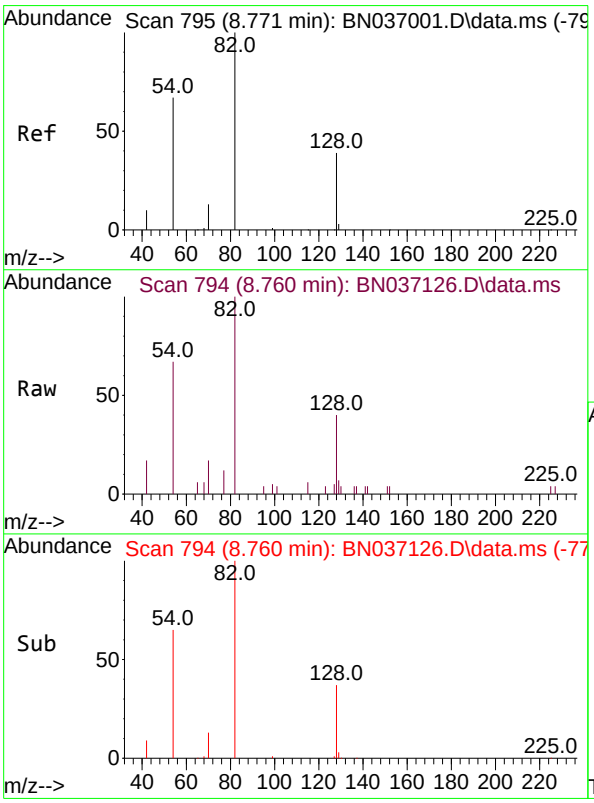
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5568

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.4	15.6
54	14.2	8.5	12.7#
68	7.7	5.1	7.7#

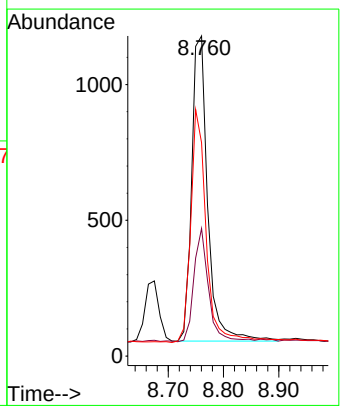


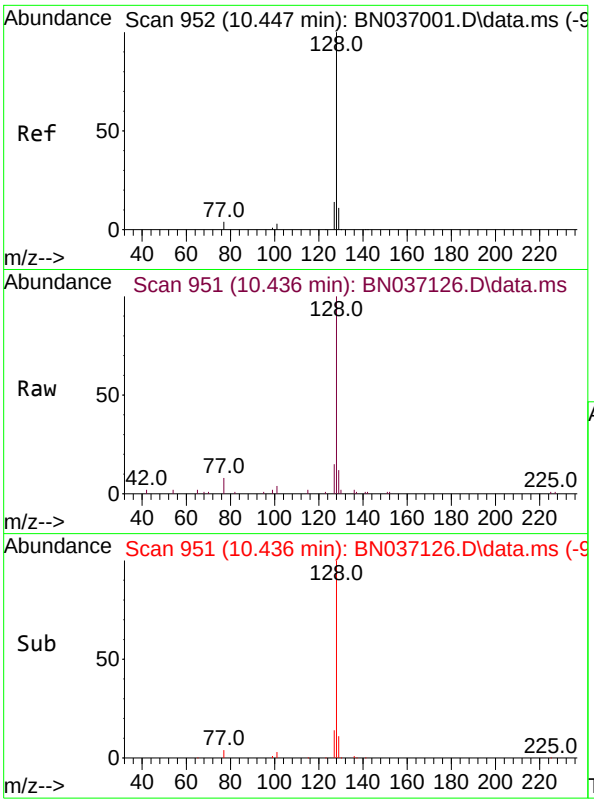


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion: 82 Resp: 2265

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	66.7	55.0	82.4



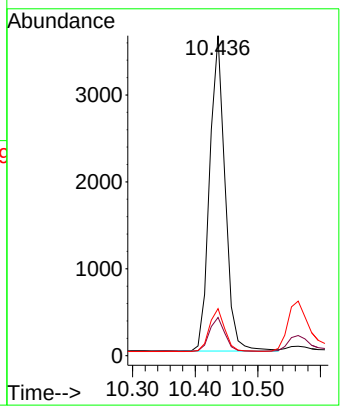


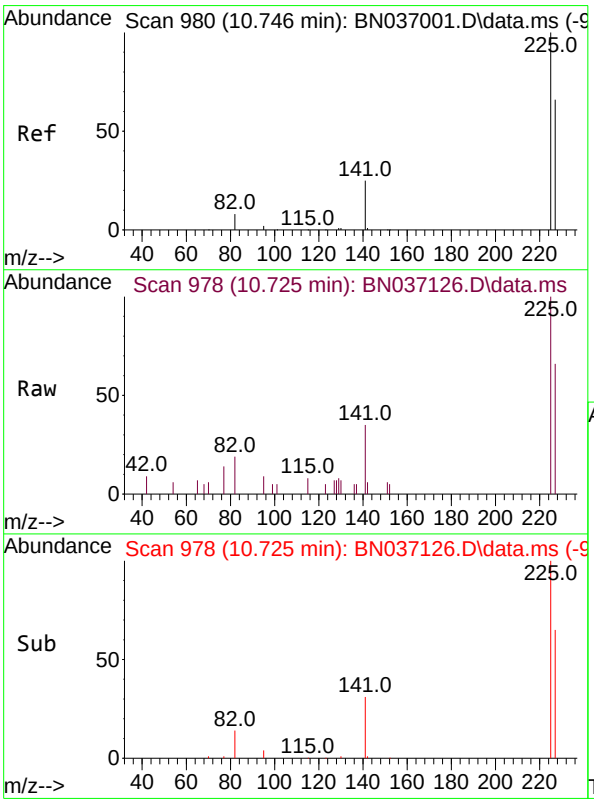
#9
Naphthalene
Concen: 0.377 ng
RT: 10.436 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 6206

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	14.7	12.4	18.6

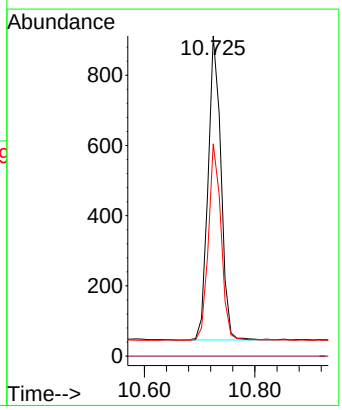


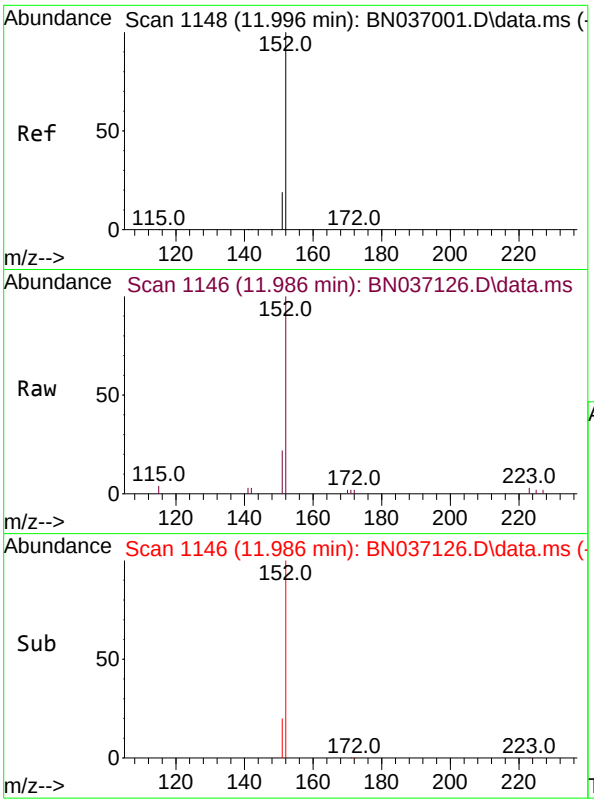


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 10.725 min Scan# 978
Delta R.T. -0.021 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:225 Resp: 1409

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.9	76.3



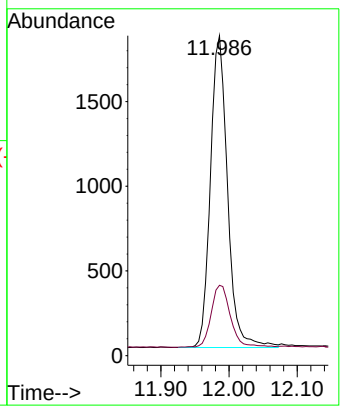


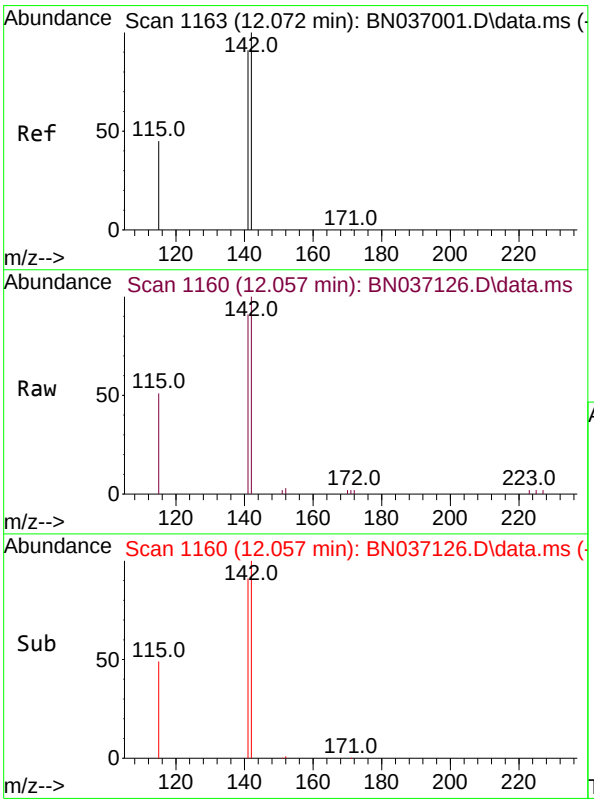
#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 11.986 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3215

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.5	26.3

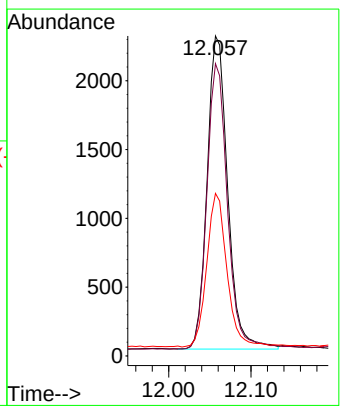


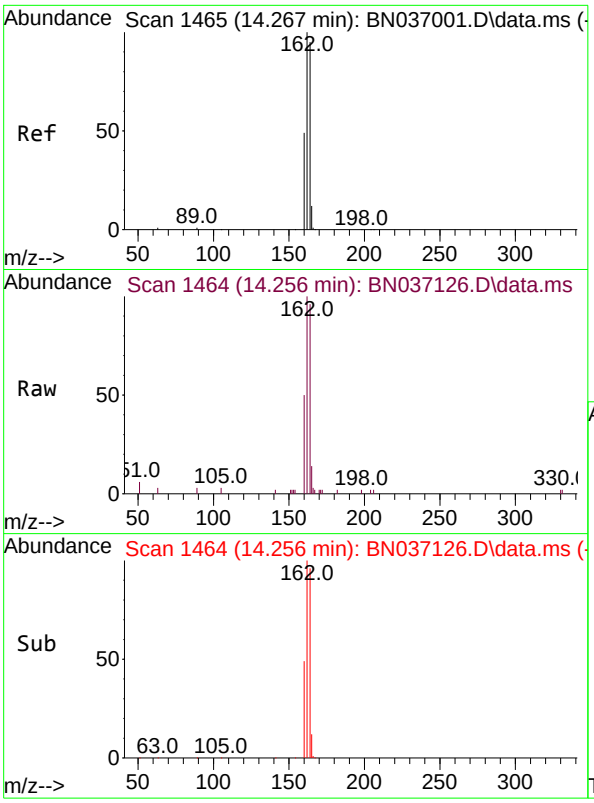


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.057 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:142 Resp: 3960

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.3	109.9
115	50.8	38.4	57.6



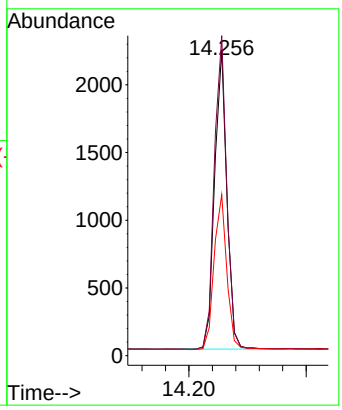


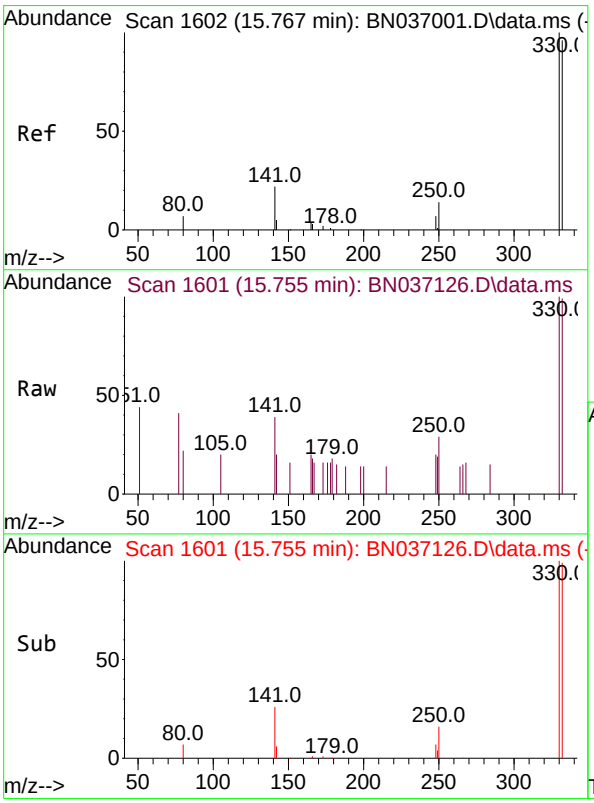
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3201

Ion	Ratio	Lower	Upper
164	100		
162	104.6	84.2	126.4
160	52.6	42.6	63.8

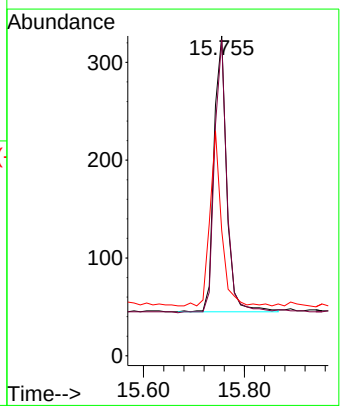


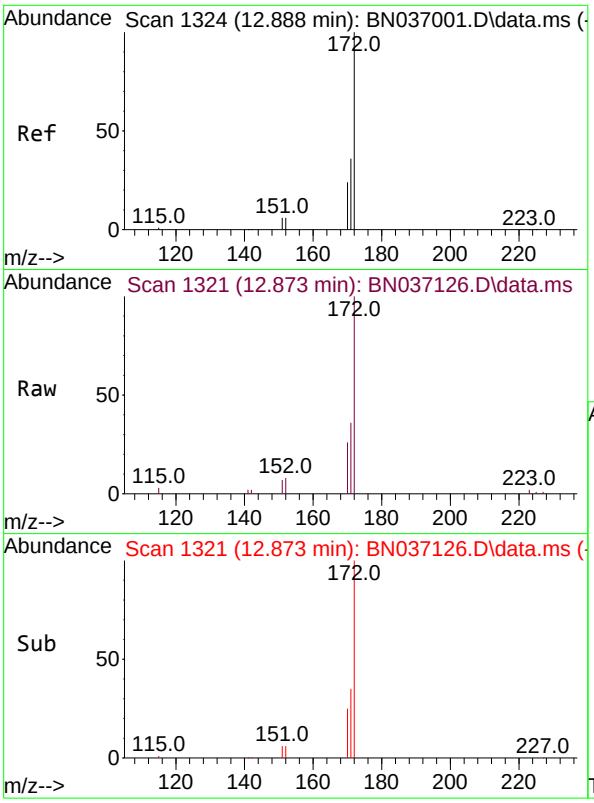


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:330 Resp: 491

Ion	Ratio	Lower	Upper
330	100		
332	97.1	73.8	110.8
141	58.5	43.9	65.9



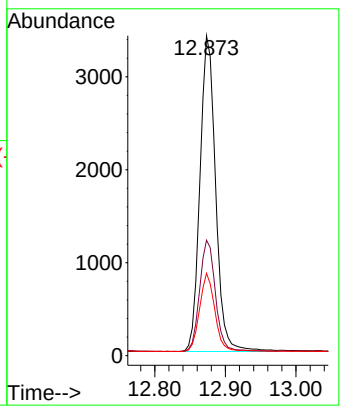


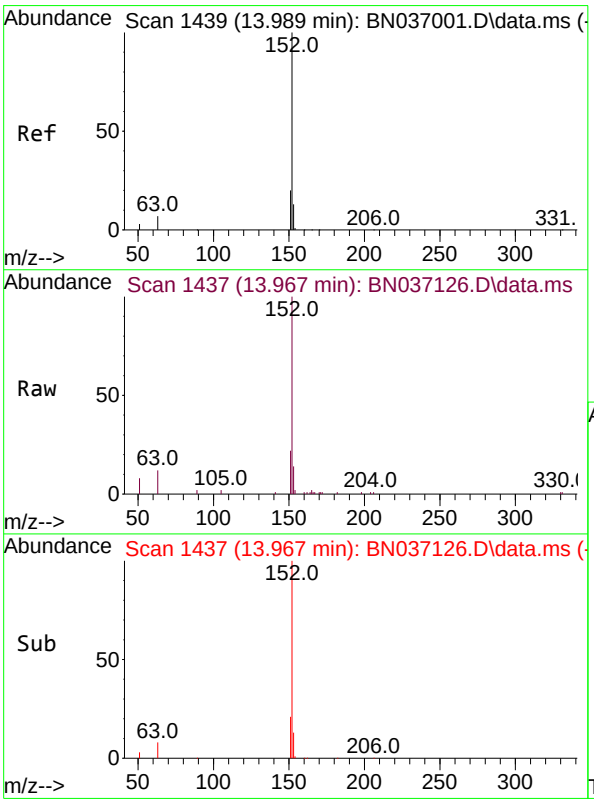
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.873 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5253

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	25.8	20.5	30.7

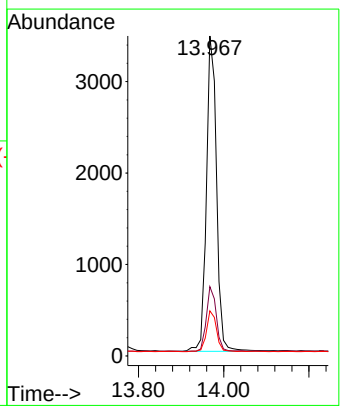


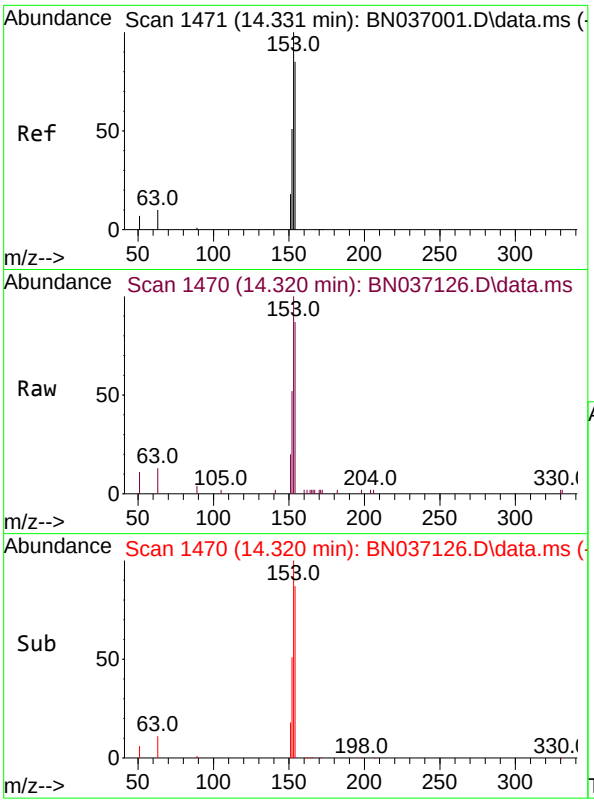


#16
Acenaphthylene
Concen: 0.365 ng
RT: 13.967 min Scan# 1437
Delta R.T. -0.021 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:152 Resp: 5690

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	12.8	10.5	15.7



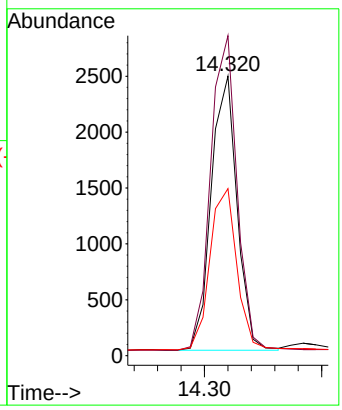


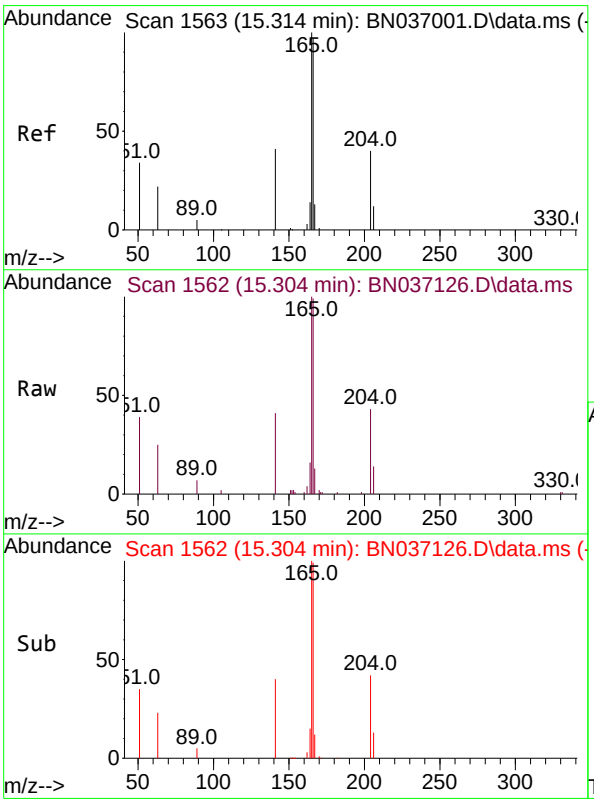
#17
Acenaphthene
Concen: 0.369 ng
RT: 14.320 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3760

Ion	Ratio	Lower	Upper
154	100		
153	117.6	94.2	141.4
152	62.2	49.4	74.0

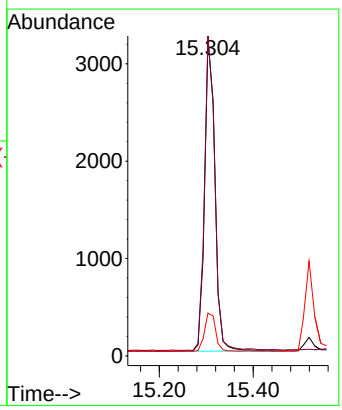


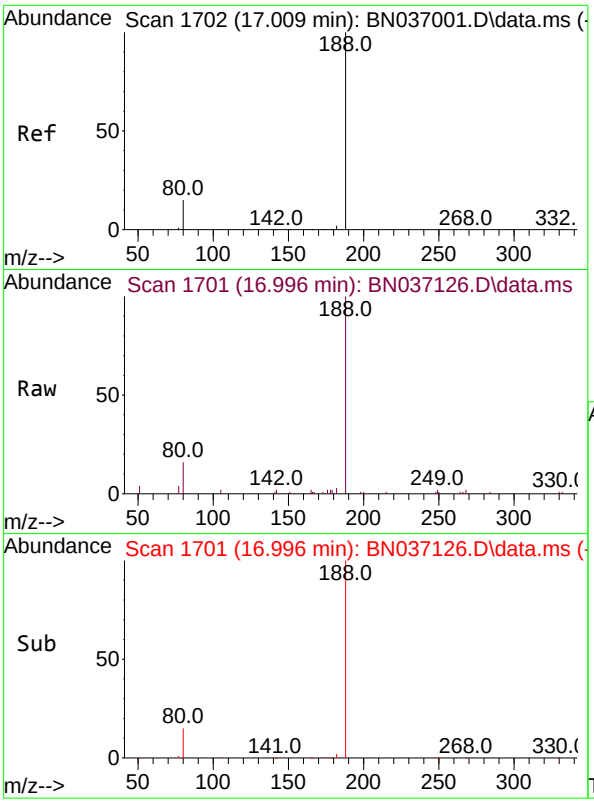


#18
Fluorene
Concen: 0.367 ng
RT: 15.304 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:166 Resp: 4908

Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.6	120.8
167	13.2	10.6	16.0



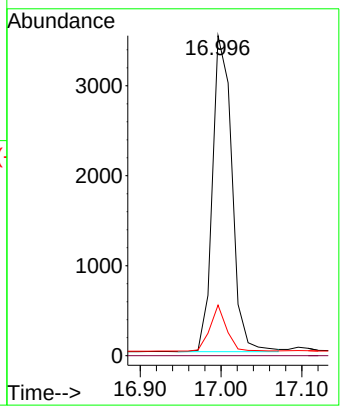


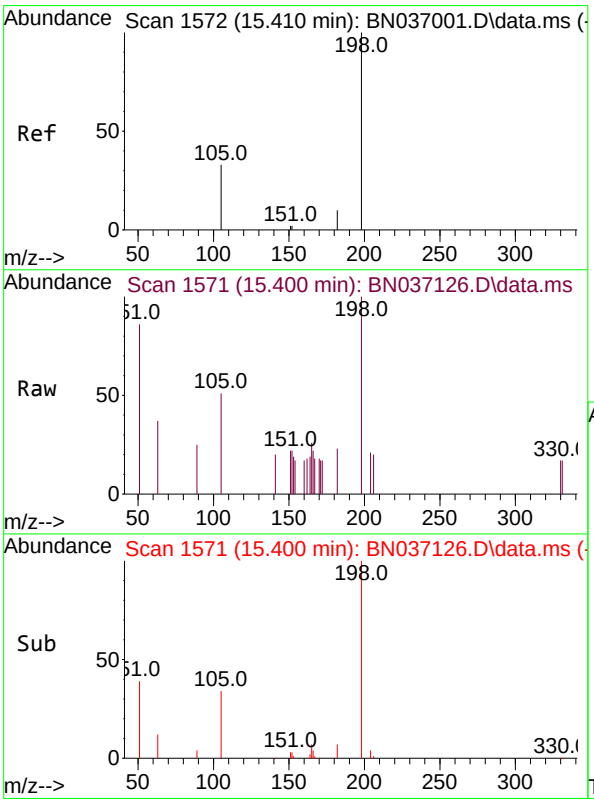
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 5866

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	13.4	20.0

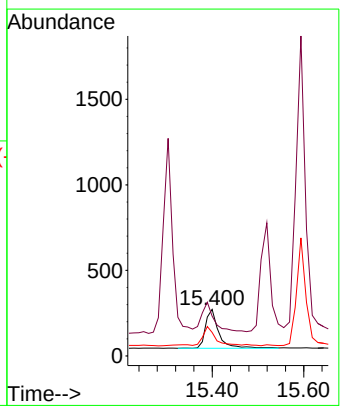


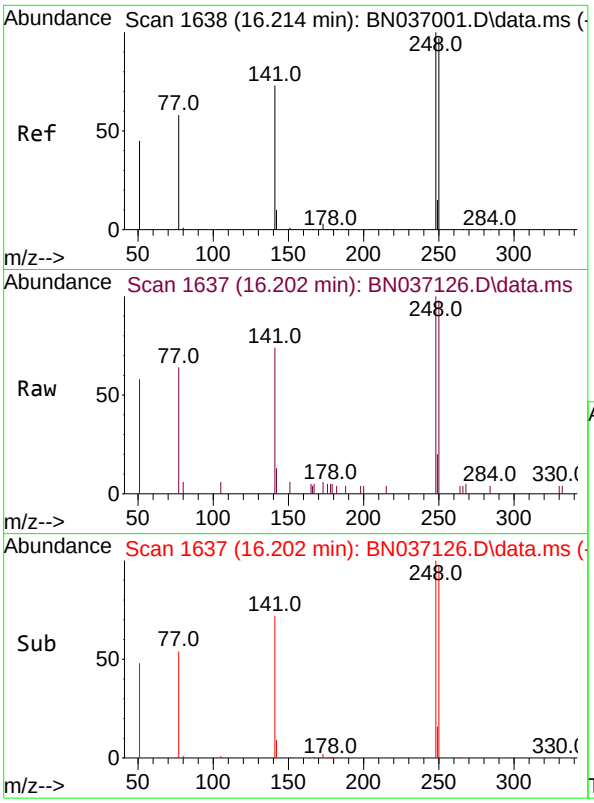


#20
4,6-Dinitro-2-methylphenol
Concen: 0.410 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:198 Resp: 466

Ion	Ratio	Lower	Upper
198	100		
51	85.7	87.8	131.6#
105	50.7	44.2	66.4



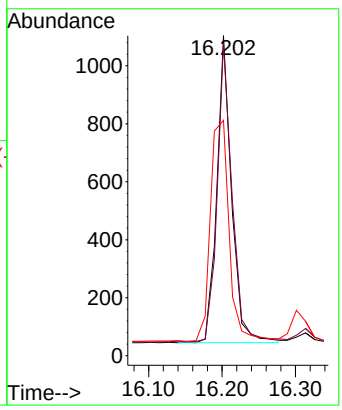


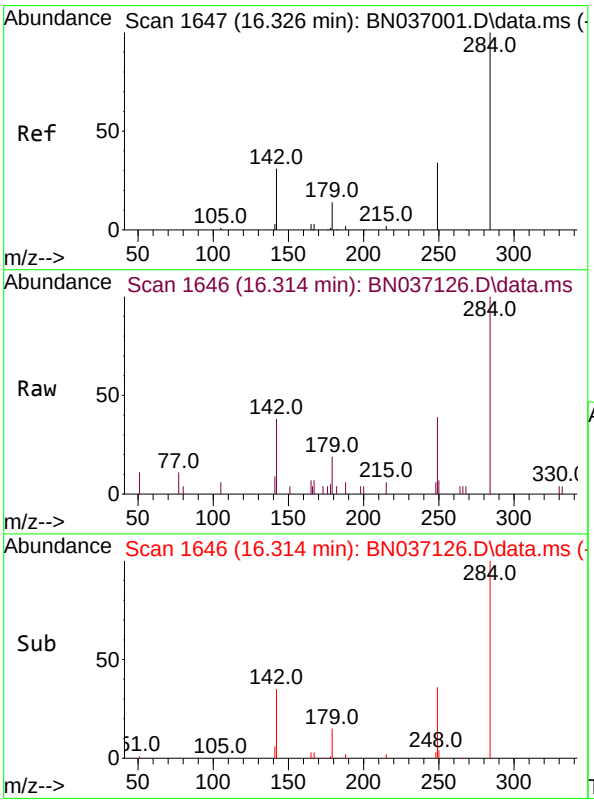
#21
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.202 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 1474

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.1	117.1
141	73.6	59.7	89.5

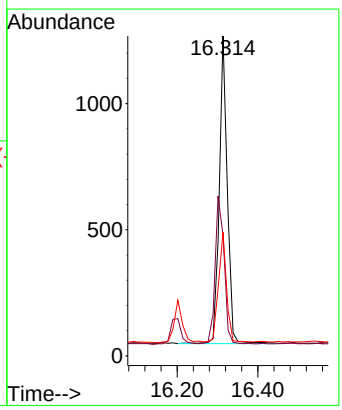


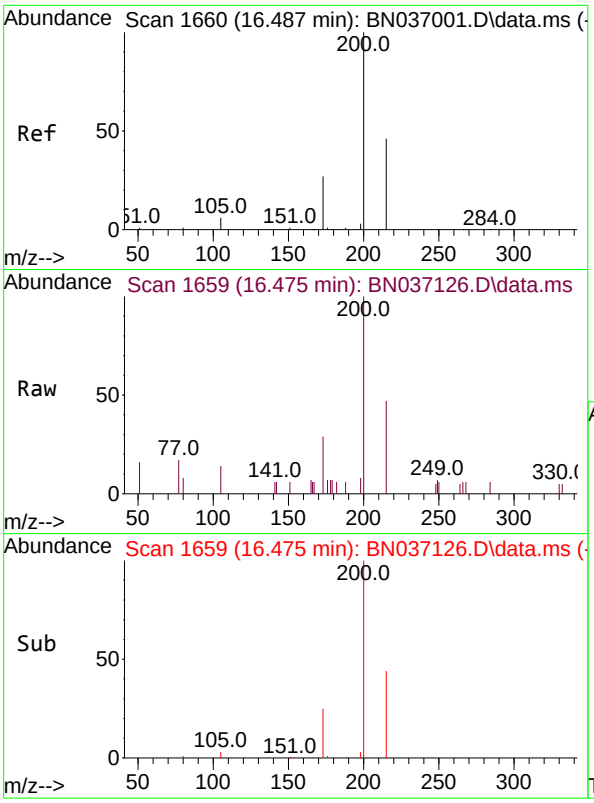


#22
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.314 min Scan# 1646
Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:284 Resp: 1676

Ion	Ratio	Lower	Upper
284	100		
142	54.1	41.2	61.8
249	35.3	28.7	43.1



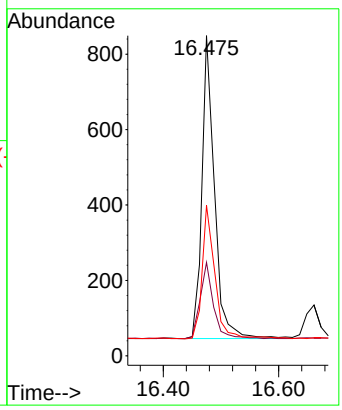


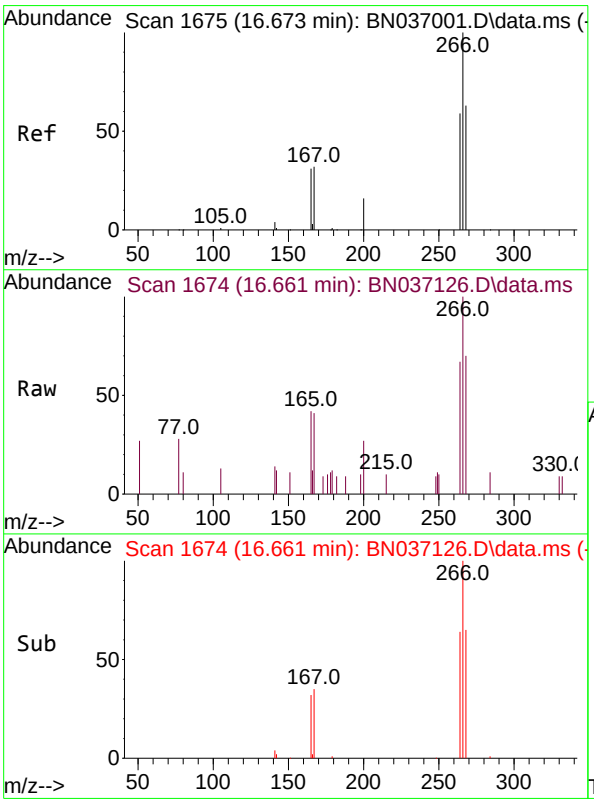
#23
Atrazine
Concen: 0.375 ng
RT: 16.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 1212

Ion	Ratio	Lower	Upper
200	100		
173	29.2	25.2	37.8
215	47.0	39.3	58.9

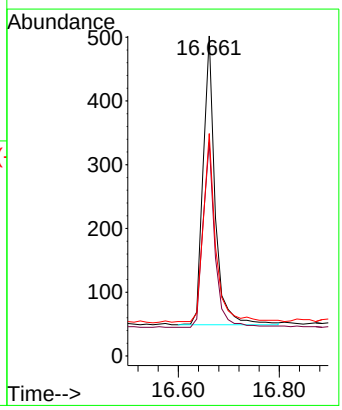


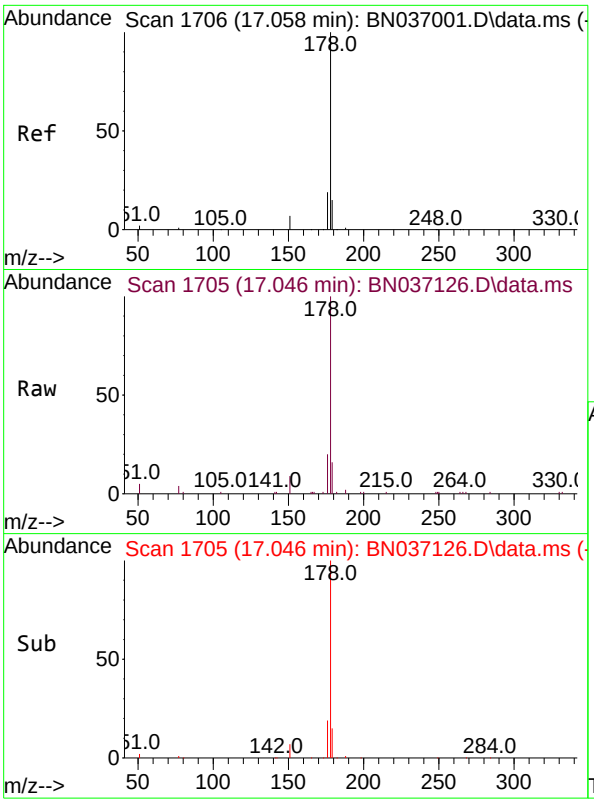


#24
Pentachlorophenol
Concen: 0.342 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:266 Resp: 748

Ion	Ratio	Lower	Upper
266	100		
264	63.5	47.9	71.9
268	66.0	50.0	75.0





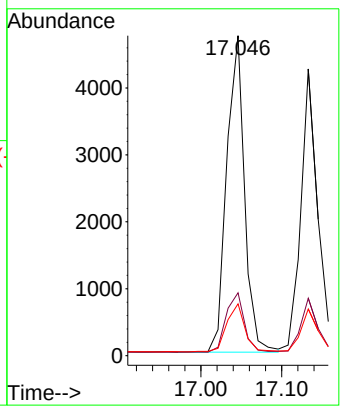
#25
Phenanthrene
Concen: 0.379 ng
RT: 17.046 min Scan# 1

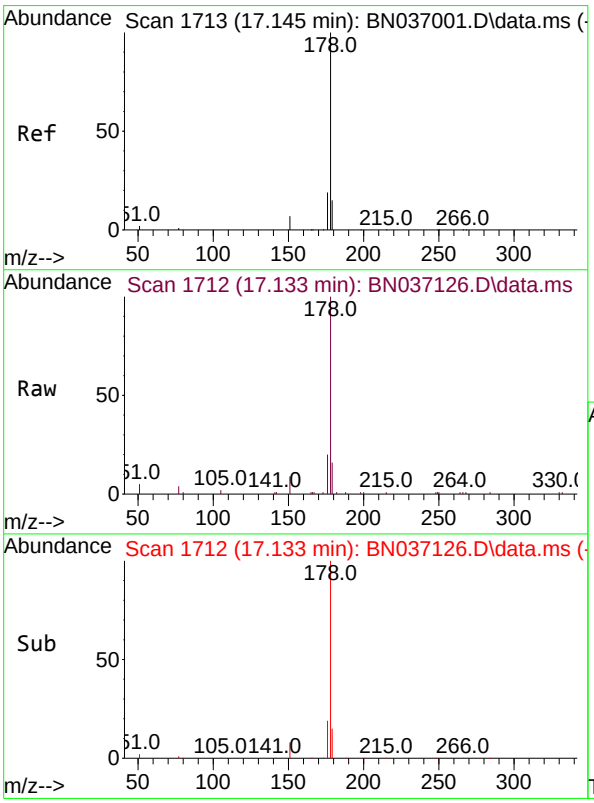
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:178 Resp: 7265

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.5	12.2	18.2

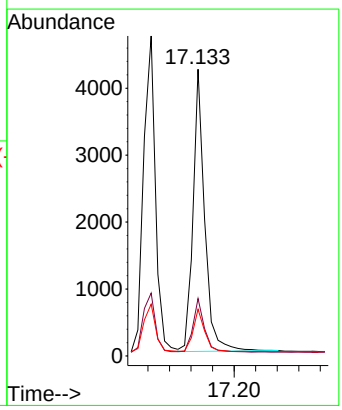


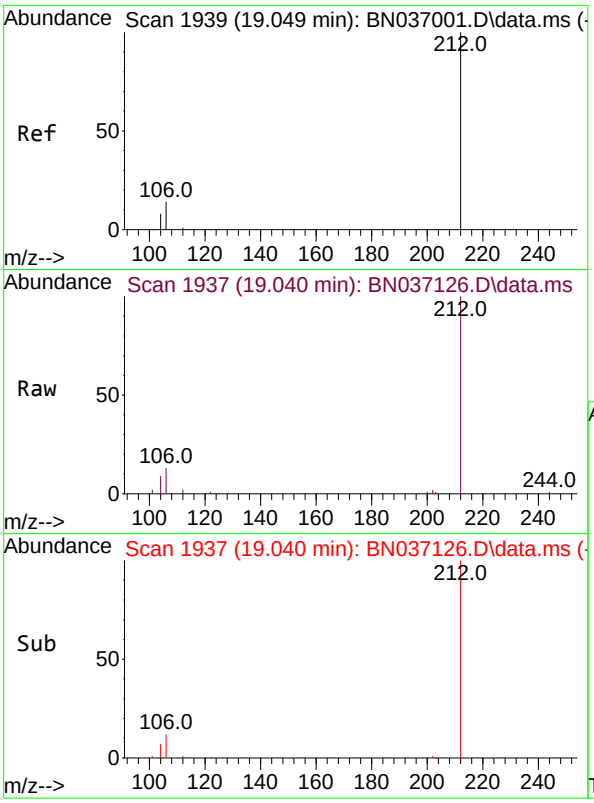


#26
Anthracene
Concen: 0.364 ng
RT: 17.133 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:178 Resp: 6349

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.3	12.3	18.5



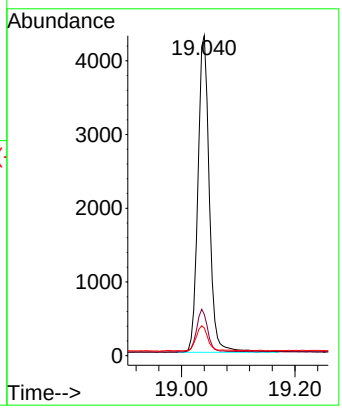


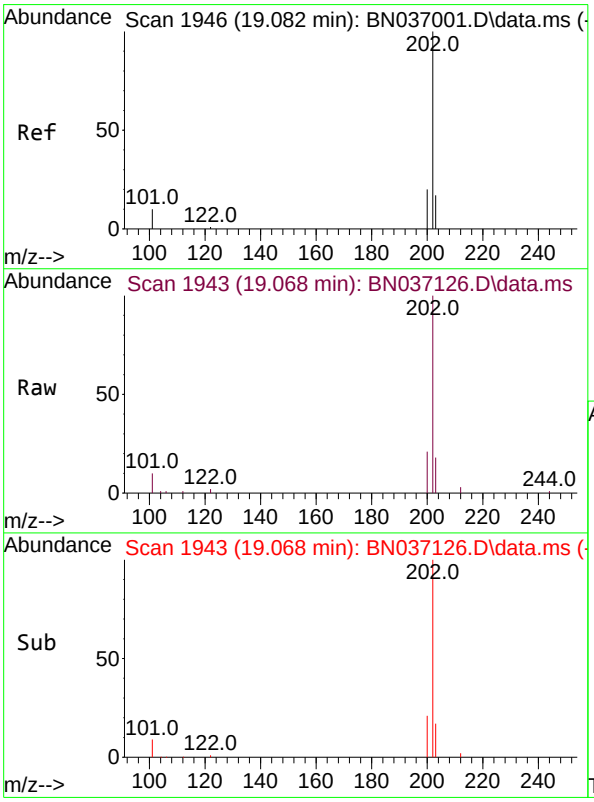
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 5978

Ion	Ratio	Lower	Upper
212	100		
106	13.2	11.3	16.9
104	7.7	6.7	10.1

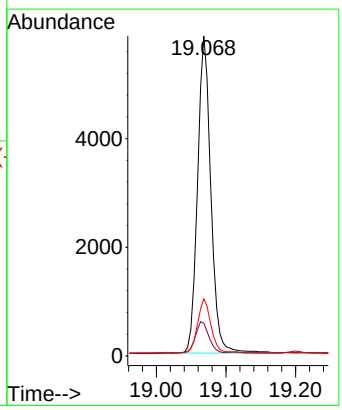


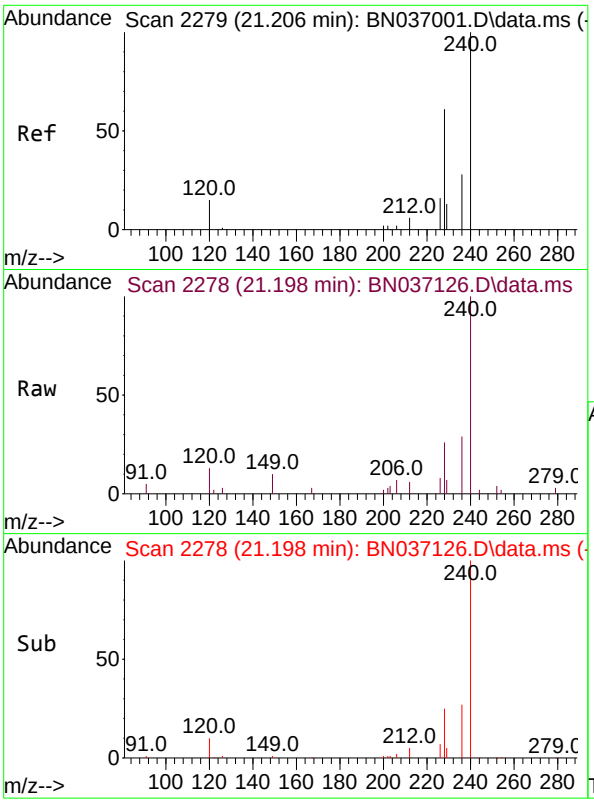


#28
Fluoranthene
Concen: 0.339 ng
RT: 19.068 min Scan# 1943
Delta R.T. -0.014 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:202 Resp: 7765

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
203	16.9	13.8	20.8



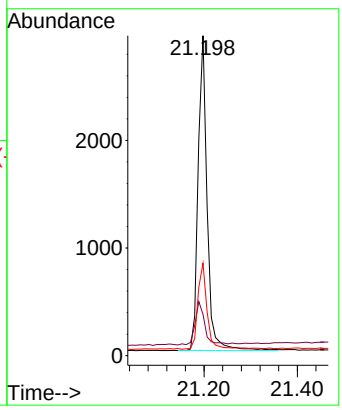


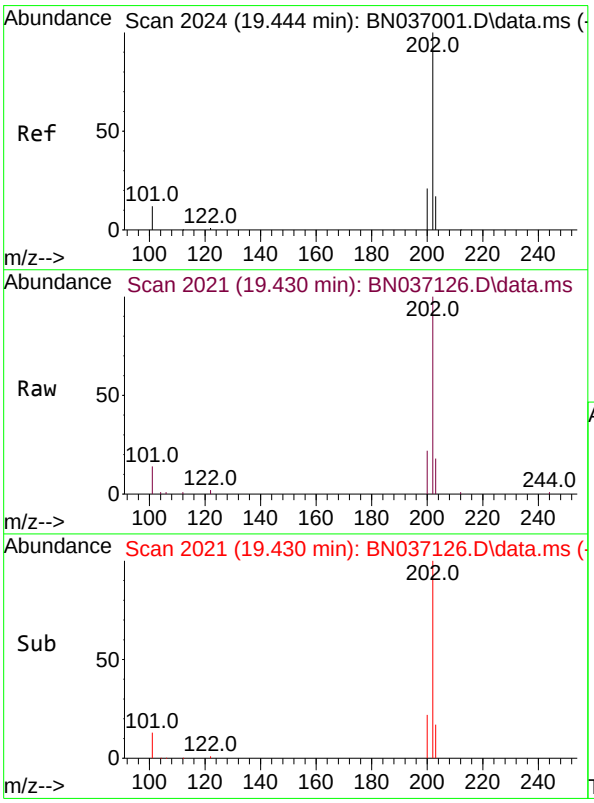
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 3944

Ion	Ratio	Lower	Upper
240	100		
120	12.9	15.1	22.7#
236	28.9	24.0	36.0

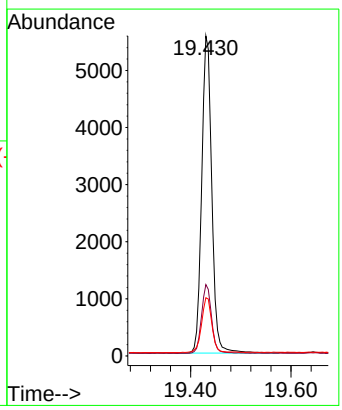


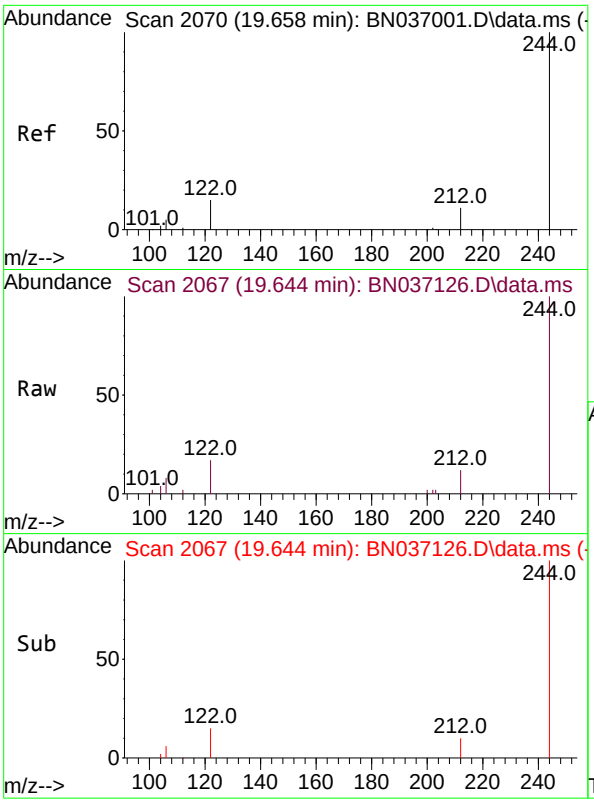


#30
Pyrene
Concen: 0.460 ng
RT: 19.430 min Scan# 2021
Delta R.T. -0.014 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:202 Resp: 7766

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.9	14.2	21.4



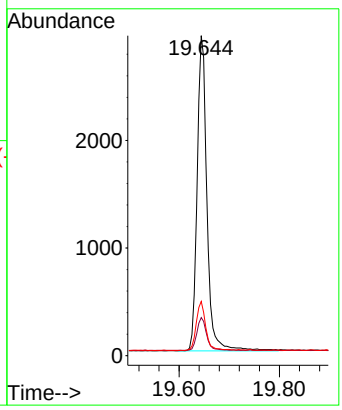


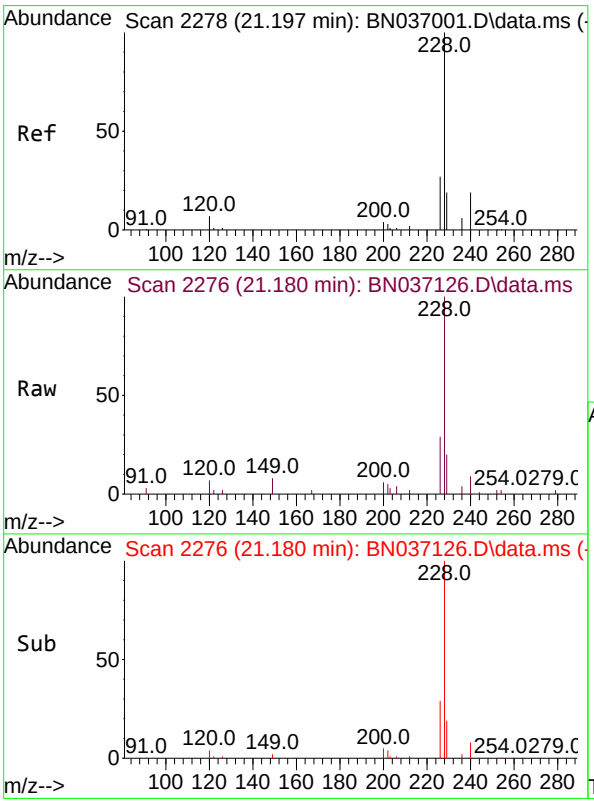
#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 3958

Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.7	14.5
122	17.0	13.4	20.0

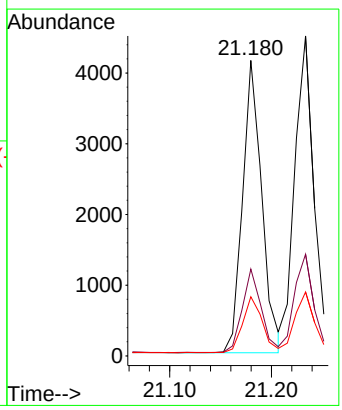


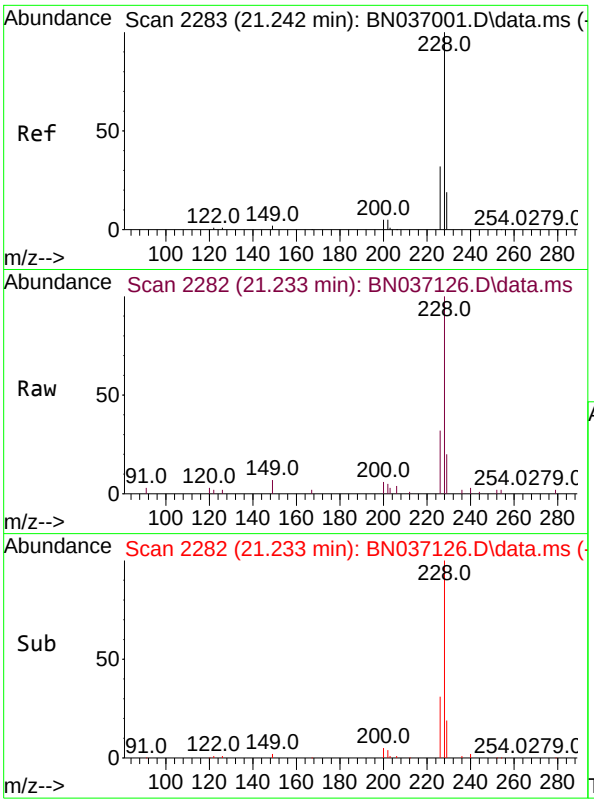


#32
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:228 Resp: 5419

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.2	33.4
229	20.0	16.0	24.0



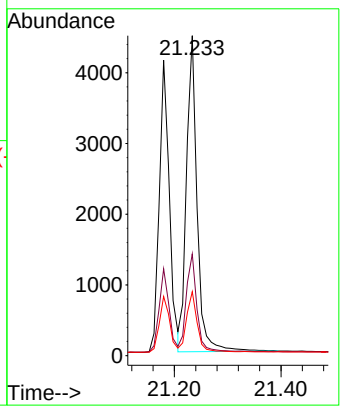


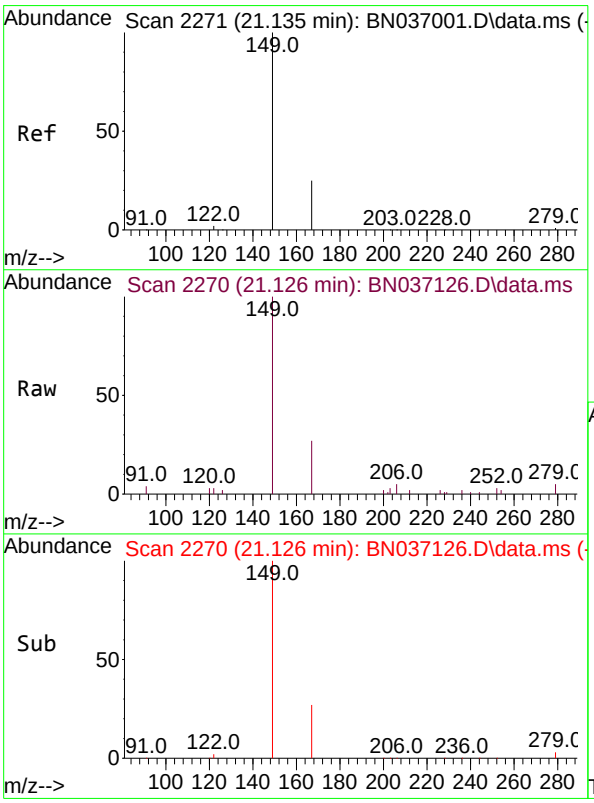
#33
Chrysene
Concen: 0.394 ng
RT: 21.233 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 6182

Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.3	39.5
229	20.0	16.2	24.2

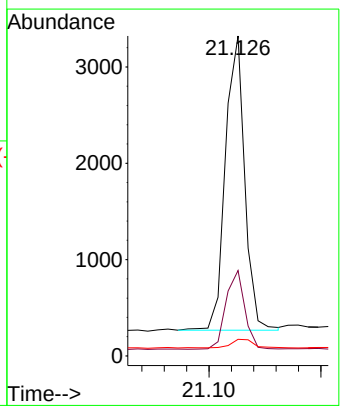


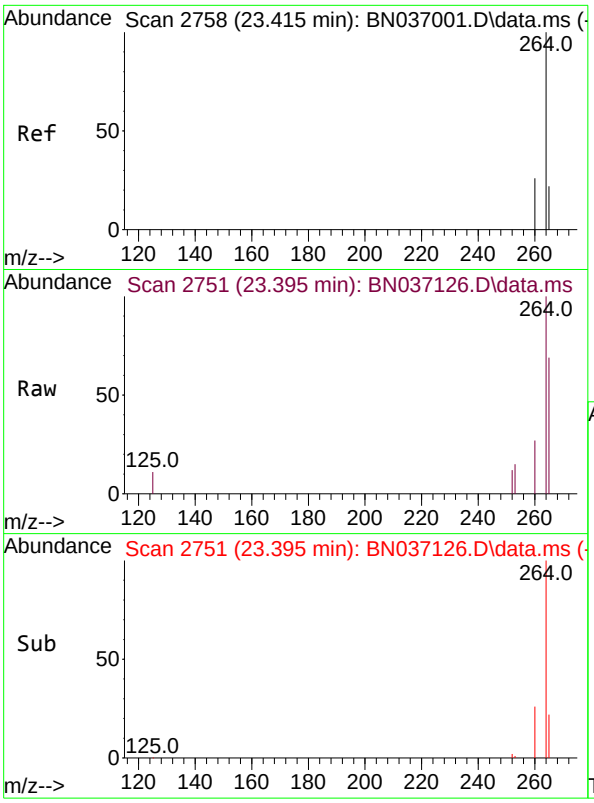


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.401 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:149 Resp: 3666

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



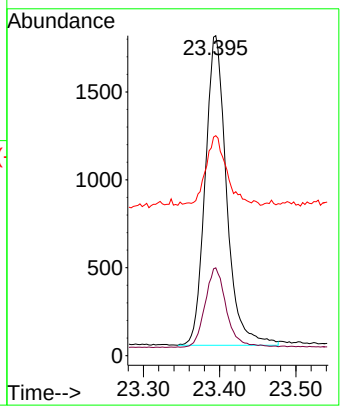


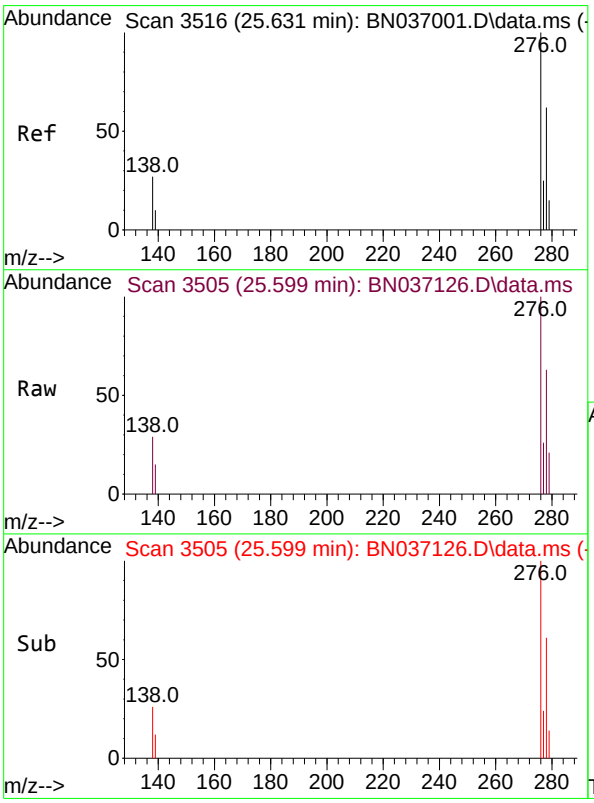
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.395 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 3424

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.9	32.9
265	68.7	51.6	77.4

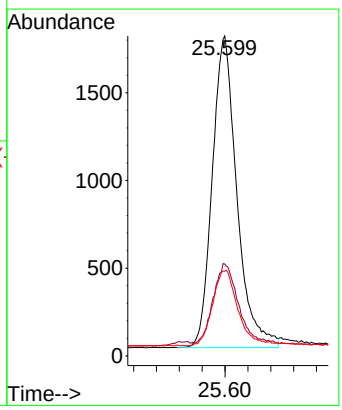


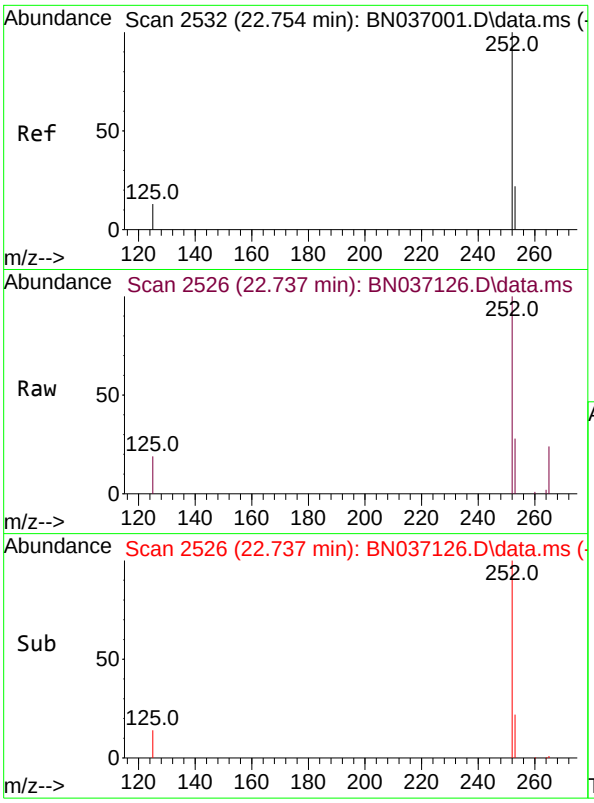


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 25.599 min Scan# 3505
Delta R.T. -0.032 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:276 Resp: 5322

Ion	Ratio	Lower	Upper
276	100		
138	25.7	22.7	34.1
277	24.8	20.0	30.0



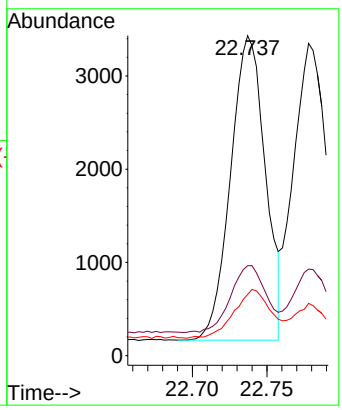


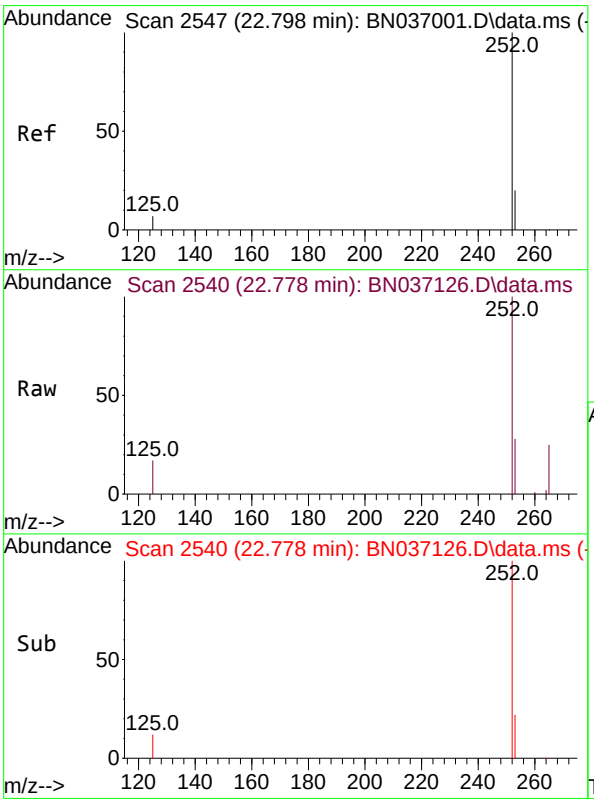
#37
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.737 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 5275

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.8	32.6
125	19.1	14.6	21.8

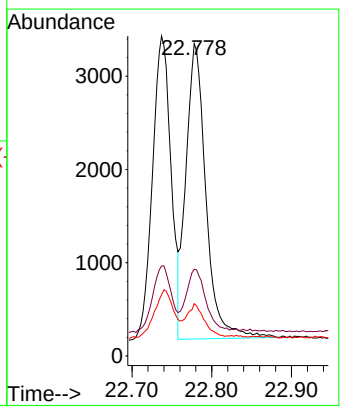


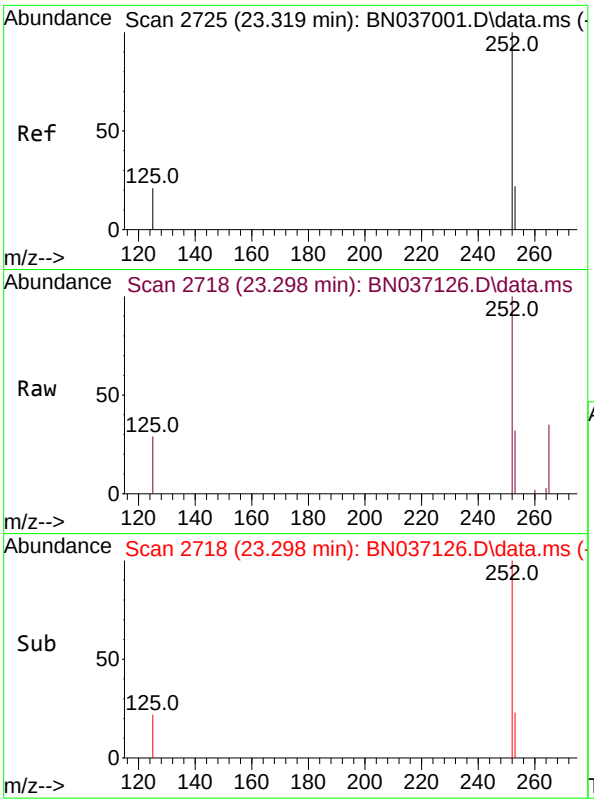


#38
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.778 min Scan# 2540
Delta R.T. -0.020 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:252 Resp: 5528

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.4	32.2
125	16.8	13.0	19.4



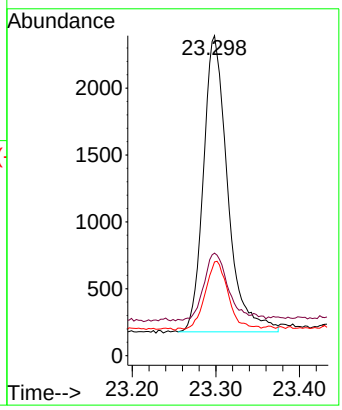


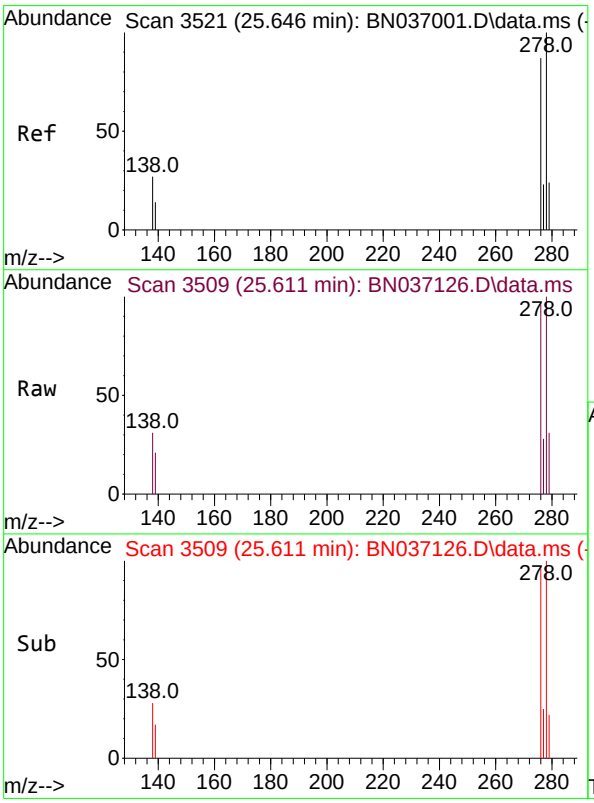
#39
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.298 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 4455

Ion	Ratio	Lower	Upper
252	100		
253	32.1	23.8	35.6
125	29.3	21.8	32.6

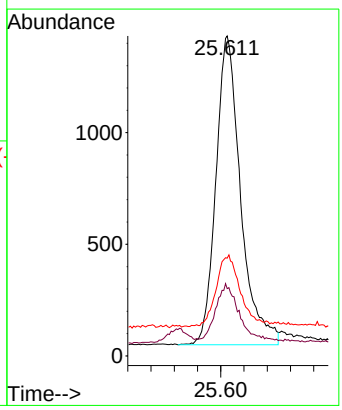


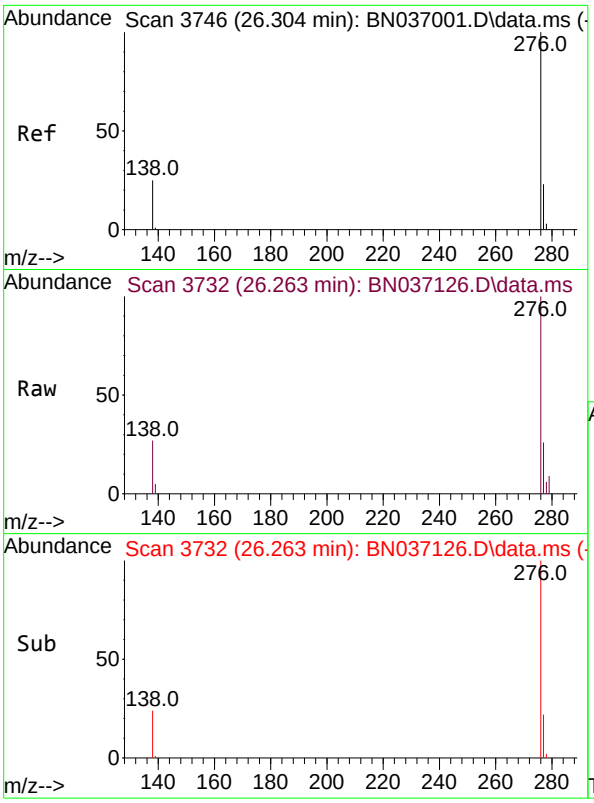


#40
Dibenzo(a,h)anthracene
Concen: 0.375 ng
RT: 25.611 min Scan# 3509
Delta R.T. -0.035 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Tgt Ion:278 Resp: 4085

Ion	Ratio	Lower	Upper
278	100		
139	21.1	17.4	26.0
279	30.6	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.263 min Scan# 3
Delta R.T. -0.041 min
Lab File: BN037126.D
Acq: 29 May 2025 01:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 4756

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.2	30.4
138	26.7	22.0	33.0