Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038185.D
Acq On : 12 Nov 2025 10:44
Operator : RC/JU
Sample : PB170483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Quant Time: Nov 12 11:09:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	11079	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	33638	0.400	ng		0.00
13) Acenaphthene-d10	14.430	164	18281	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	33841	0.400	ng		0.00
29) Chrysene-d12	21.375	240	23862	0.400	ng		0.00
35) Perylene-d12	23.683	264	21641	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	10277	0.394	ng		0.00
5) Phenol-d6	6.937	99	11978	0.377	ng		0.00
8) Nitrobenzene-d5	8.918	82	10064	0.371	ng		-0.01
11) 2-Methylnaphthalene-d10	12.172	152	17459	0.363	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2025	0.269	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	27223	0.372	ng		0.00
27) Fluoranthene-d10	19.220	212	28223	0.331	ng		0.00
31) Terphenyl-d14	19.819	244	22475	0.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	3649	0.319	ng	#	64
3) n-Nitrosodimethylamine	3.564	42	4978	0.338	ng	#	95
6) bis(2-Chloroethyl)ether	7.190	93	11386	0.365	ng		99
9) Naphthalene	10.626	128	32861	0.355	ng		100
10) Hexachlorobutadiene	10.915	225	5768	0.369	ng	#	99
12) 2-Methylnaphthalene	12.243	142	19357	0.313	ng		98
16) Acenaphthylene	14.152	152	31993	0.386	ng		99
17) Acenaphthene	14.494	154	19697	0.340	ng		98
18) Fluorene	15.489	166	26917	0.355	ng		100
20) 4,6-Dinitro-2-methylph...	15.572	198	646	0.284	ng	#	71
21) 4-Bromophenyl-phenylether	16.379	248	7923	0.357	ng		92
22) Hexachlorobenzene	16.491	284	9691	0.384	ng		98
23) Atrazine	16.652	200	5427	0.334	ng		98
24) Pentachlorophenol	16.838	266	4291	0.395	ng		98
25) Phenanthrene	17.223	178	37919	0.353	ng		100
26) Anthracene	17.322	178	34132	0.363	ng		99
28) Fluoranthene	19.248	202	39000	0.325	ng		100
30) Pyrene	19.610	202	38950	0.362	ng		100
32) Benzo(a)anthracene	21.357	228	31304	0.368	ng		99
33) Chrysene	21.411	228	34651	0.375	ng		100
34) Bis(2-ethylhexyl)phtha...	21.295	149	16109	0.359	ng		100
36) Indeno(1,2,3-cd)pyrene	26.037	276	36958	0.416	ng		99
37) Benzo(b)fluoranthene	22.984	252	31609	0.342	ng		99
38) Benzo(k)fluoranthene	23.031	252	33378	0.358	ng		98
39) Benzo(a)pyrene	23.581	252	28450	0.384	ng		97
40) Dibenzo(a,h)anthracene	26.054	278	28160	0.412	ng		97
41) Benzo(g,h,i)perylene	26.750	276	31402	0.402	ng		99

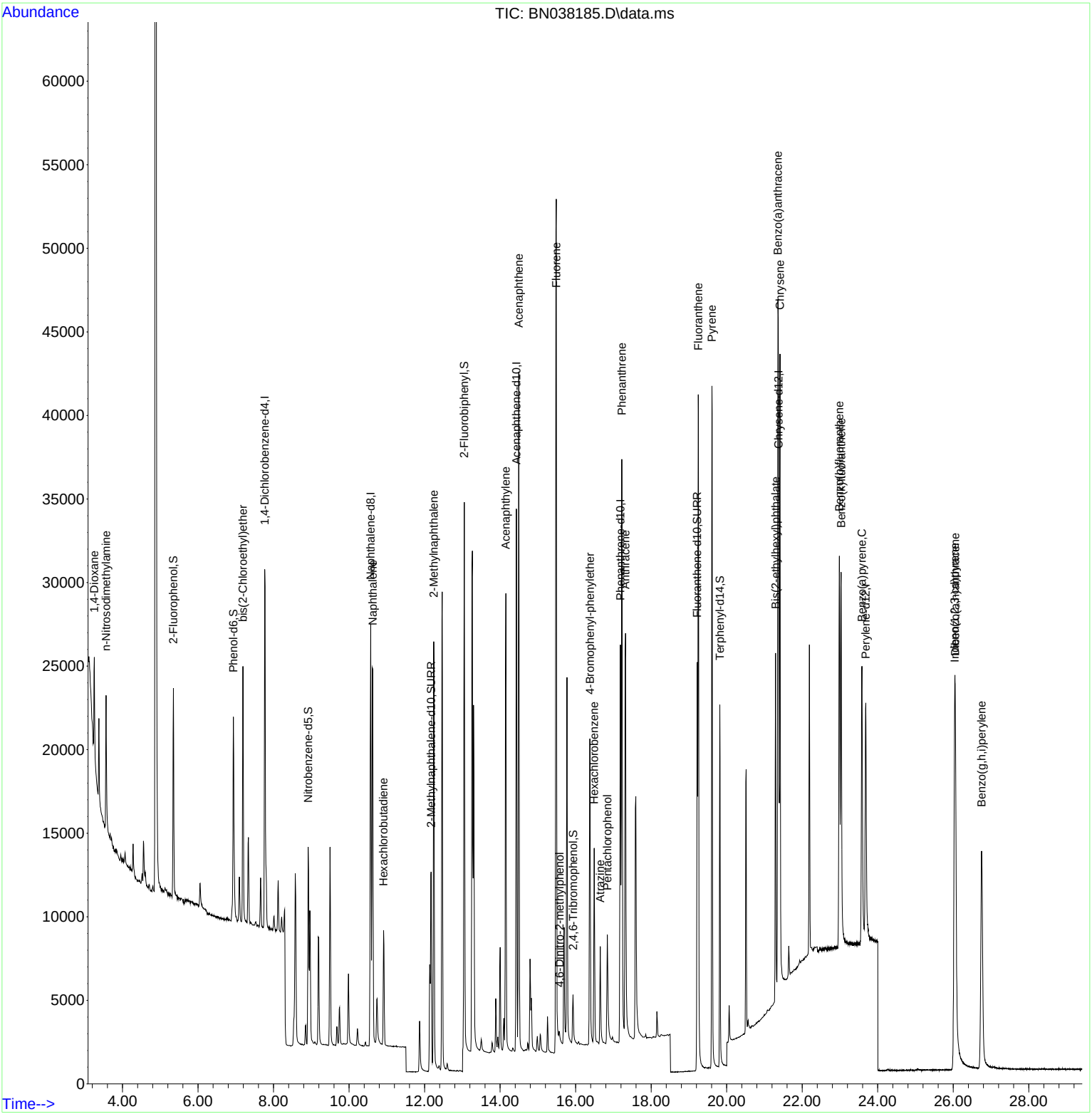
(#) = qualifier out of range (m) = manual integration (+) = signals summed

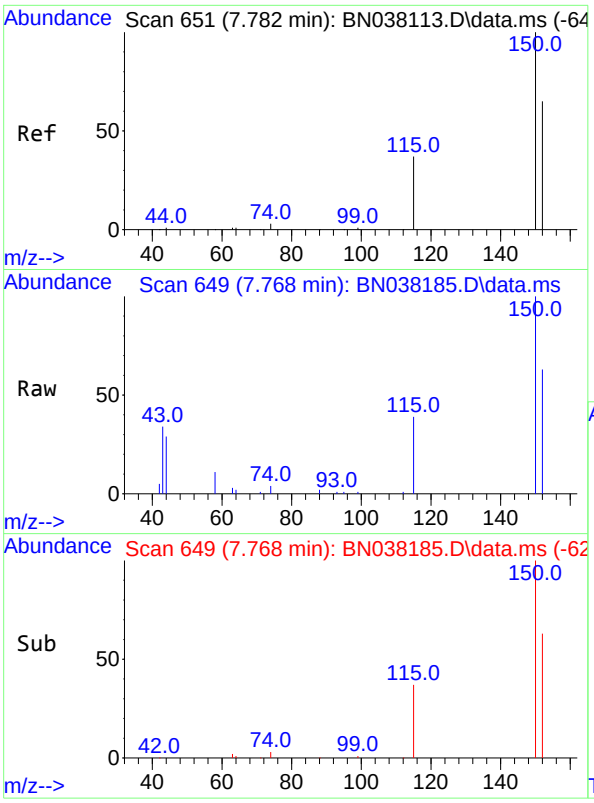
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038185.D
Acq On : 12 Nov 2025 10:44
Operator : RC/JU
Sample : PB170483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Quant Time: Nov 12 11:09:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



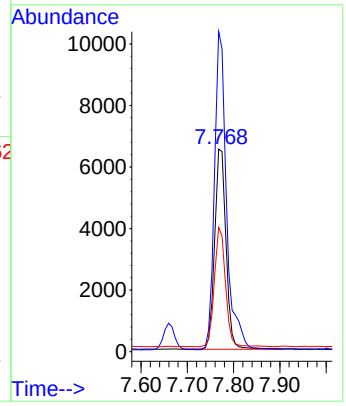


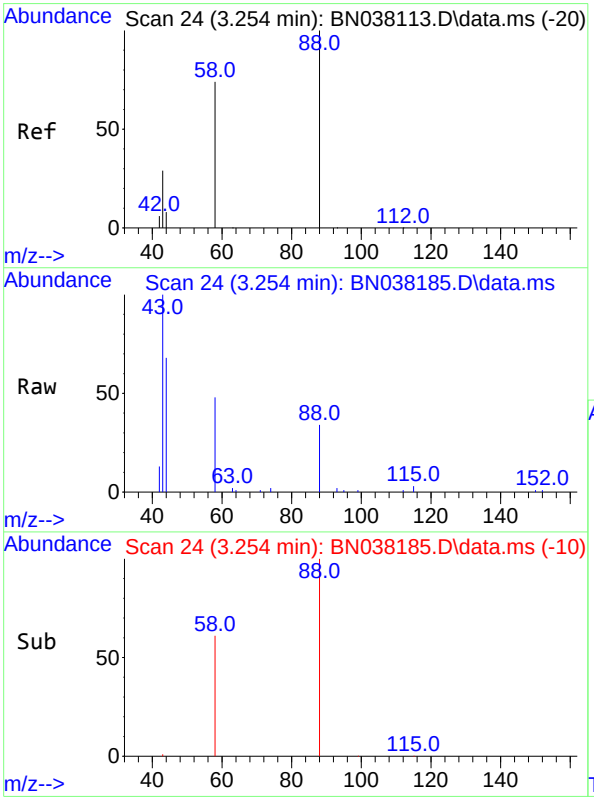
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:152 Resp: 11079

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.3	183.5
115	61.4	47.4	71.0

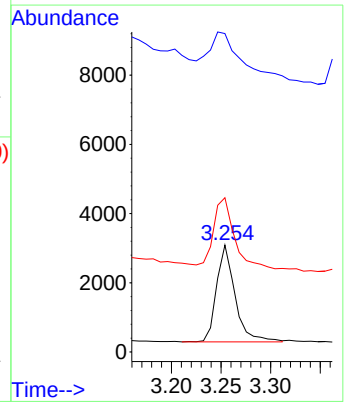


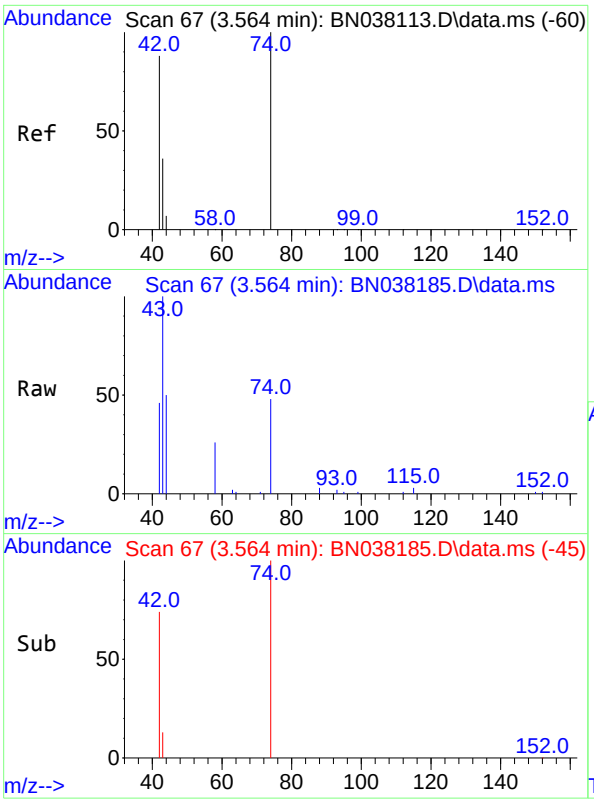


#2
1,4-Dioxane
Concen: 0.319 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion: 88 Resp: 3649

Ion	Ratio	Lower	Upper
88	100		
43	86.1	24.3	36.5#
58	83.3	60.4	90.6



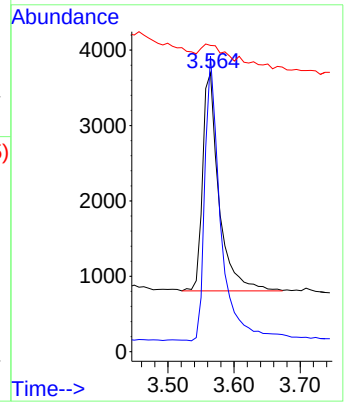


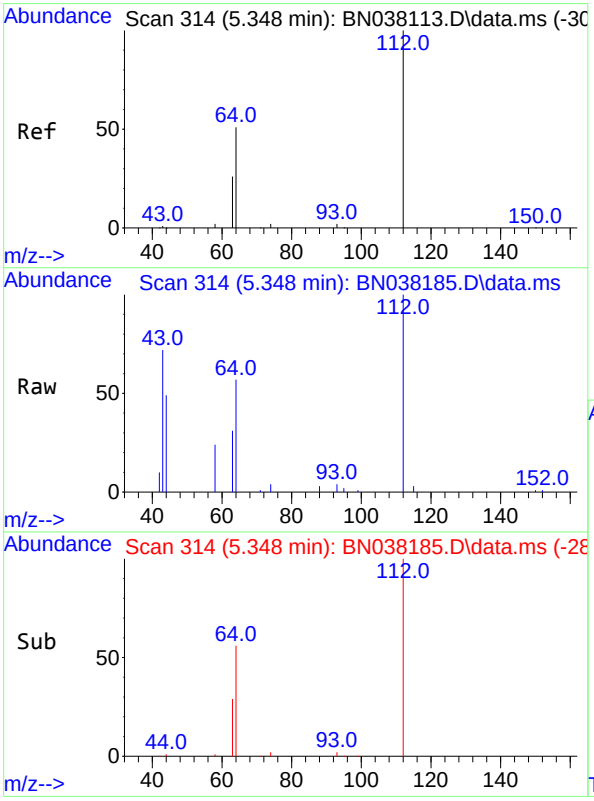
#3
n-Nitrosodimethylamine
Concen: 0.338 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion: 42 Resp: 4978

Ion	Ratio	Lower	Upper
42	100		
74	125.1	96.8	145.2
44	18.8	5.3	7.9#

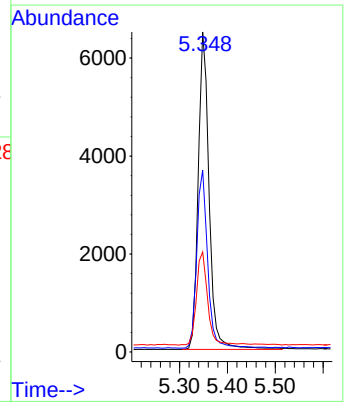


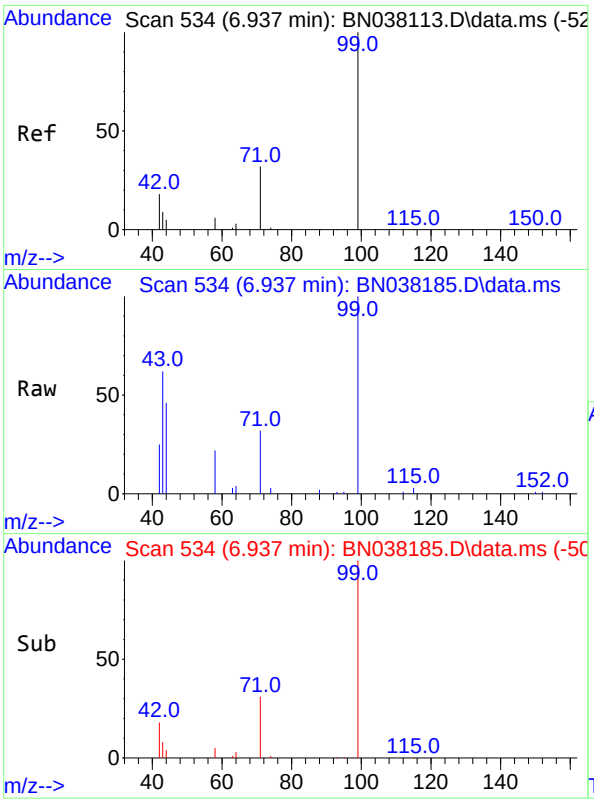


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:112 Resp: 10277

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.4	68.0
63	29.8	23.2	34.8



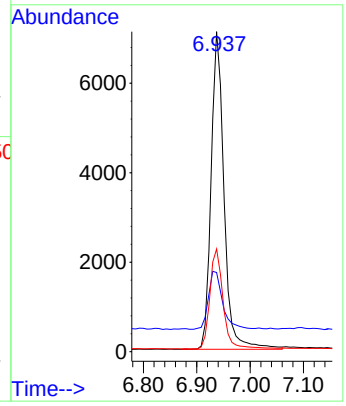


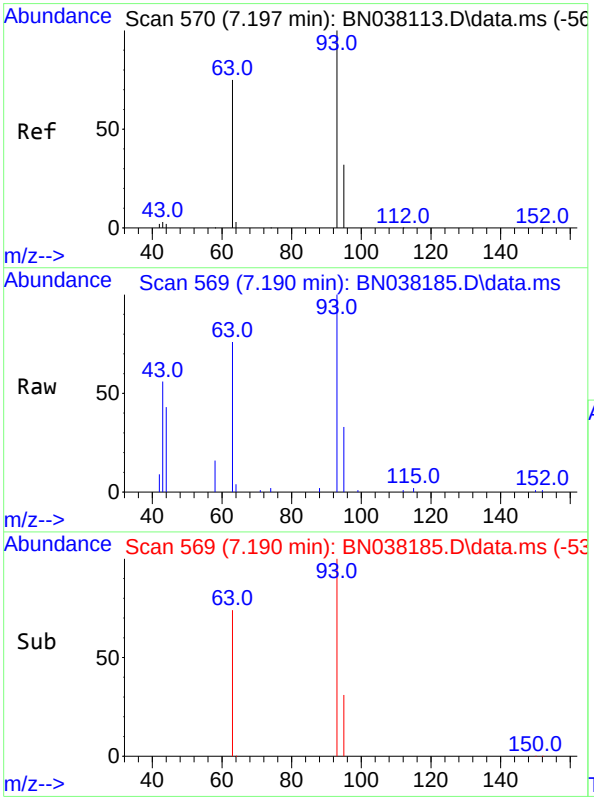
#5
Phenol-d6
Concen: 0.377 ng
RT: 6.937 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion: 99 Resp: 11978

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.6	24.8
71	32.2	25.4	38.2

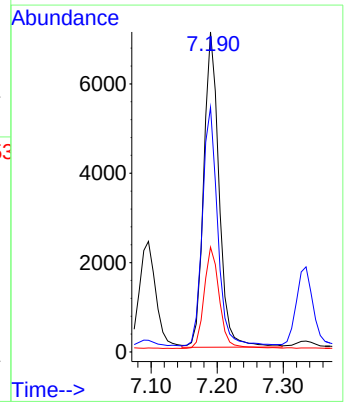


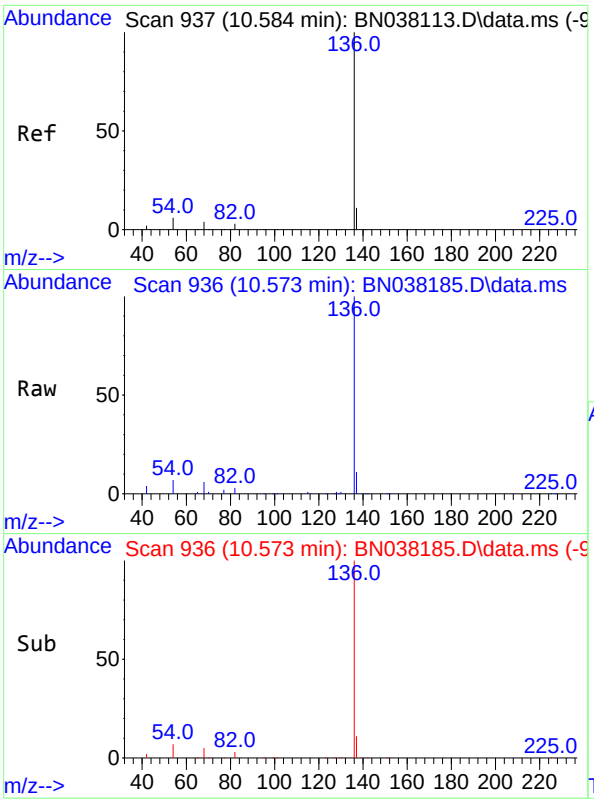


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.190 min Scan# 569
Delta R.T. -0.007 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion: 93 Resp: 11386

Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.3	88.9
95	32.0	25.2	37.8



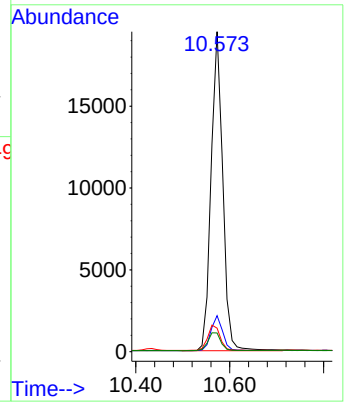


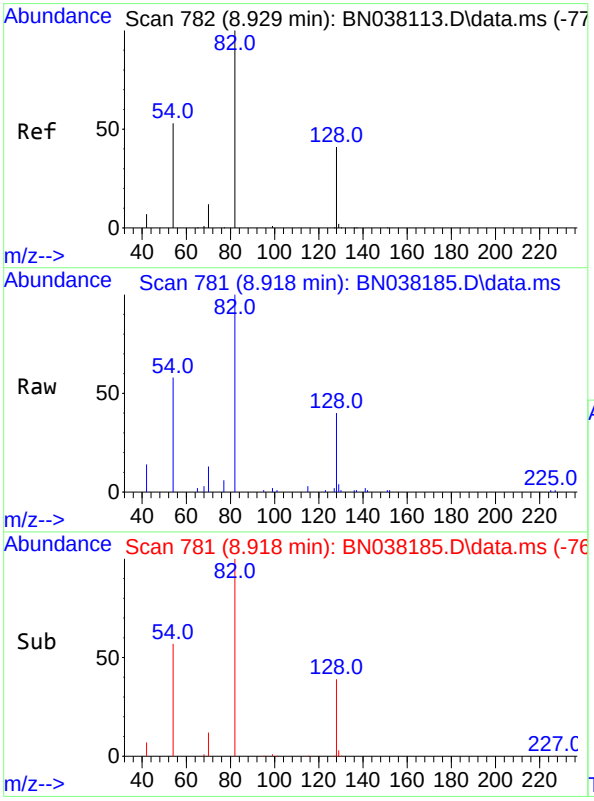
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:136 Resp: 33638

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.4	5.2	7.8
68	5.8	4.1	6.1

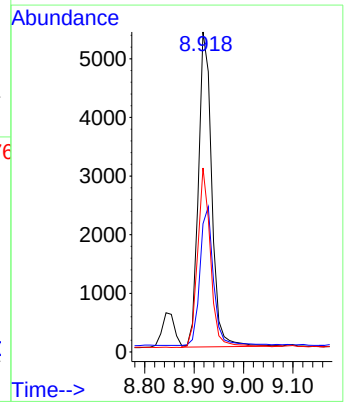


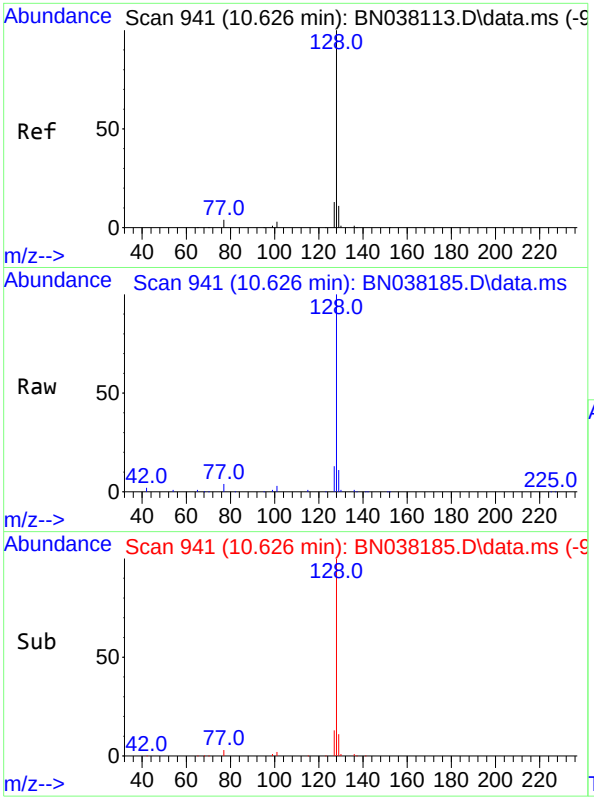


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion: 82 Resp: 10064

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.1	51.1
54	57.5	43.5	65.3



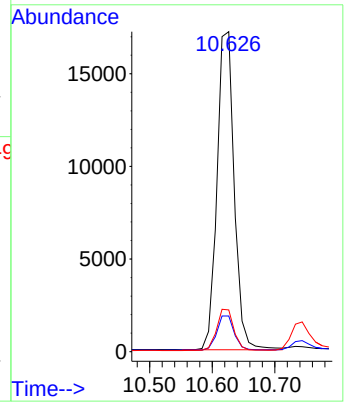


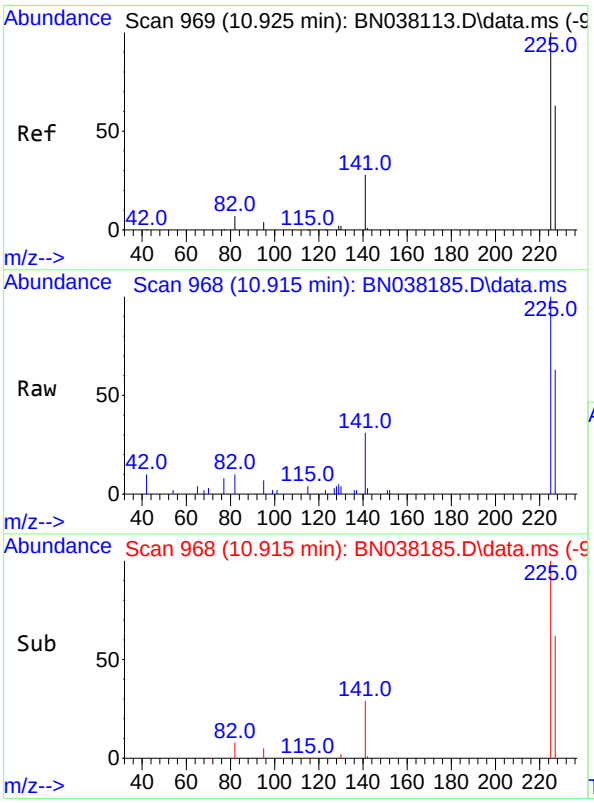
#9
Naphthalene
Concen: 0.355 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:128 Resp: 32861

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.0	10.5	15.7

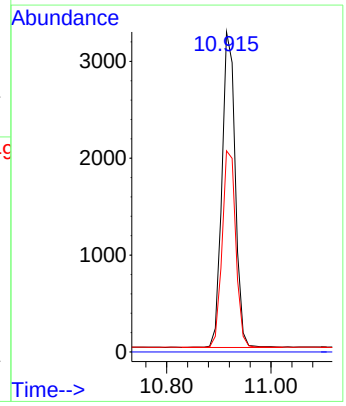


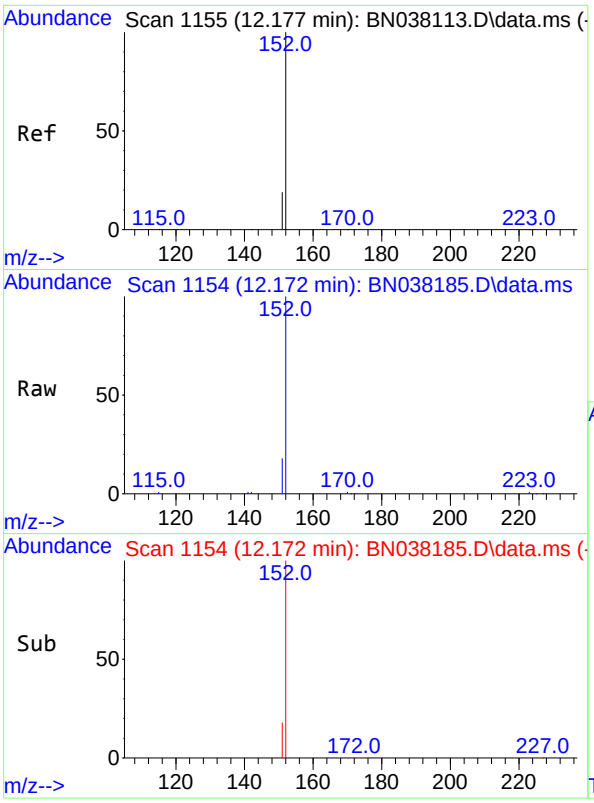


#10
Hexachlorobutadiene
Concen: 0.369 ng
RT: 10.915 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:225 Resp: 5768

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.3	75.5



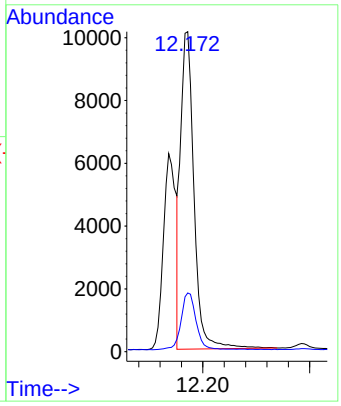


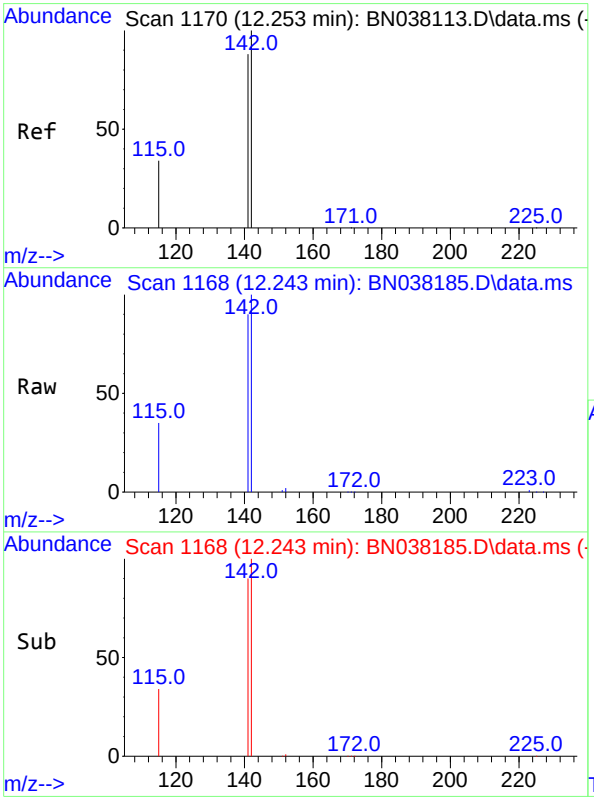
#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:152 Resp: 17459

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2

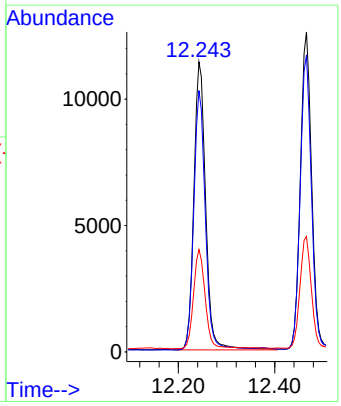


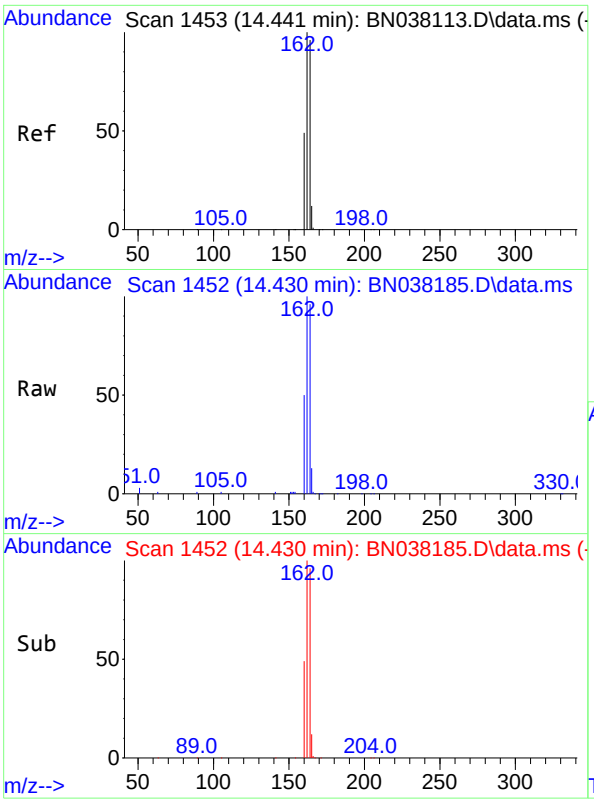


#12
2-Methylnaphthalene
Concen: 0.313 ng
RT: 12.243 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:142 Resp: 19357

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.3	105.5
115	35.3	27.8	41.6



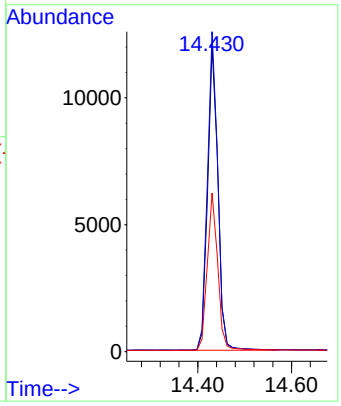


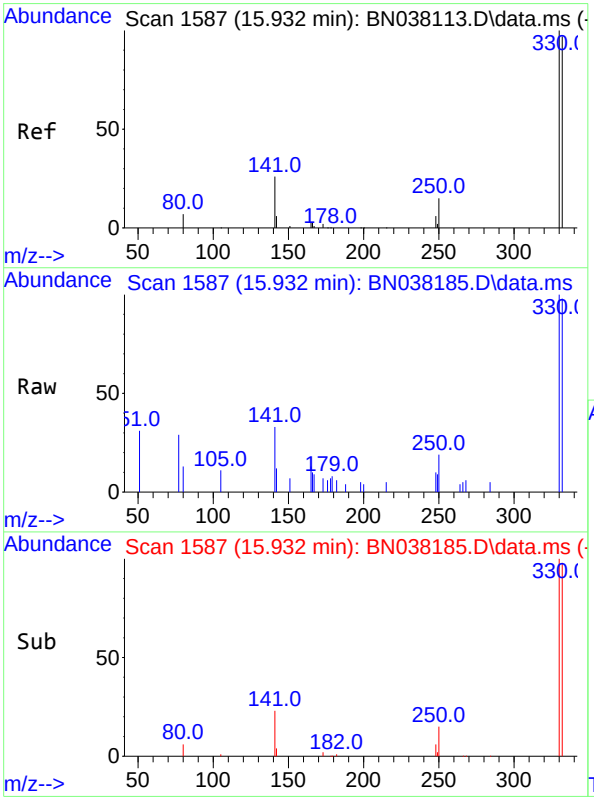
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:164 Resp: 18281

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.4
160	51.8	40.7	61.1

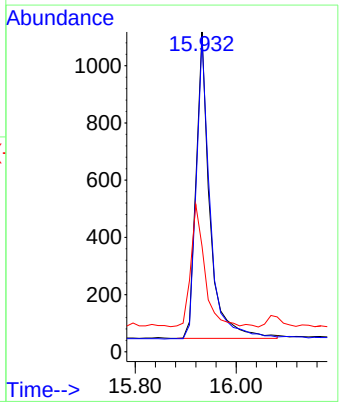


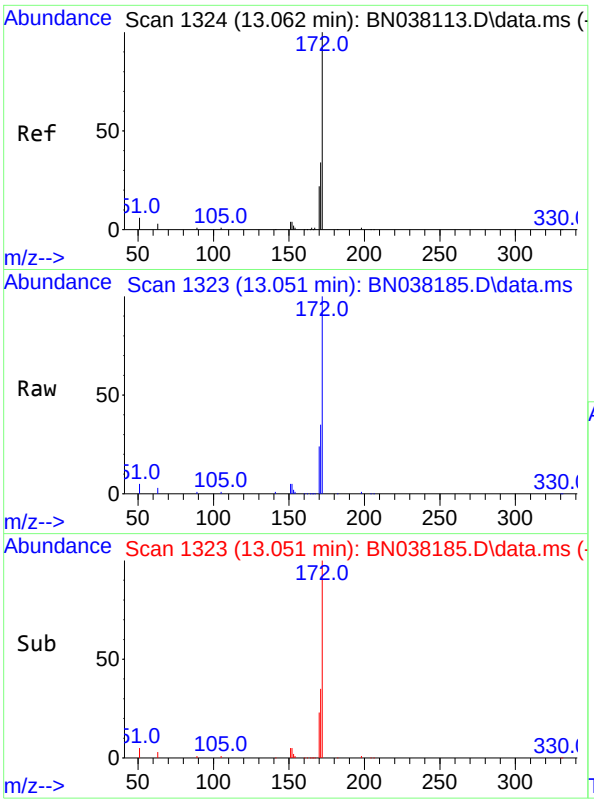


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:330 Resp: 2025

Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.6	114.8
141	40.8	34.1	51.1



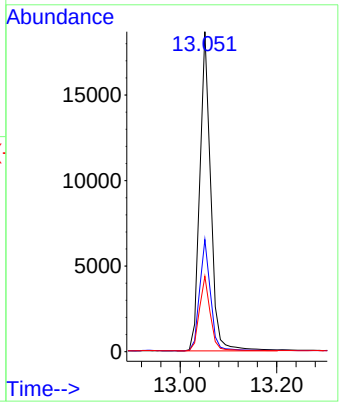


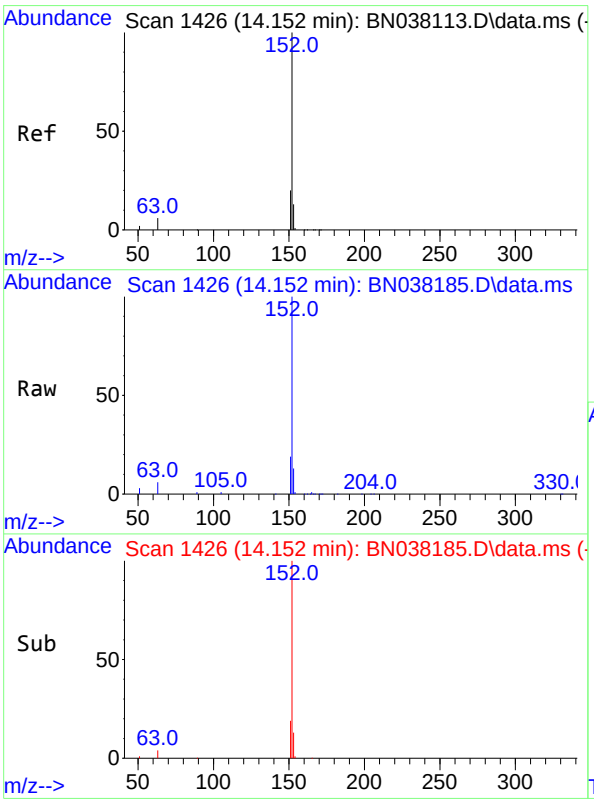
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:172 Resp: 27223

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.6	18.1	27.1

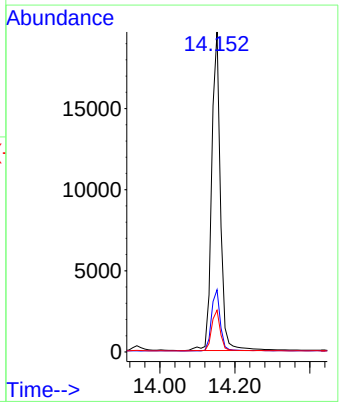


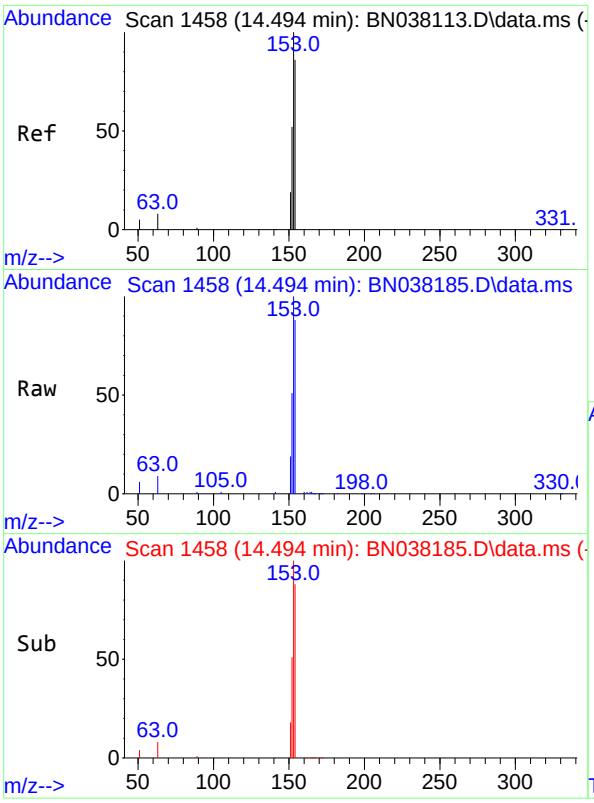


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.152 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:152 Resp: 31993

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	12.7	10.2	15.2



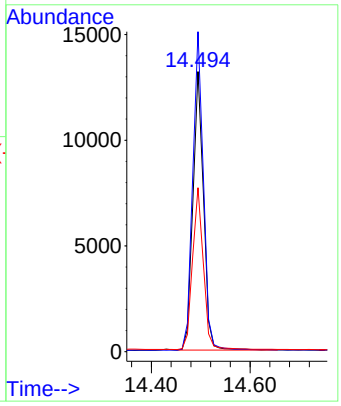


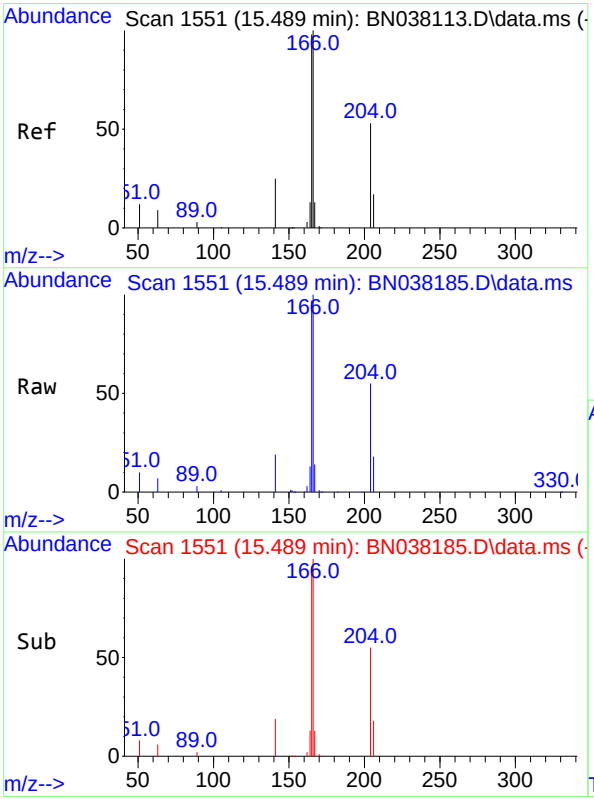
#17
Acenaphthene
Concen: 0.340 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:154 Resp: 19697

Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.0	135.0
152	59.1	47.3	70.9

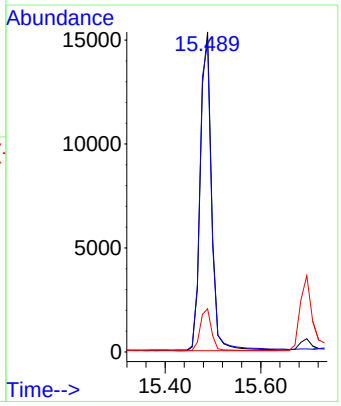


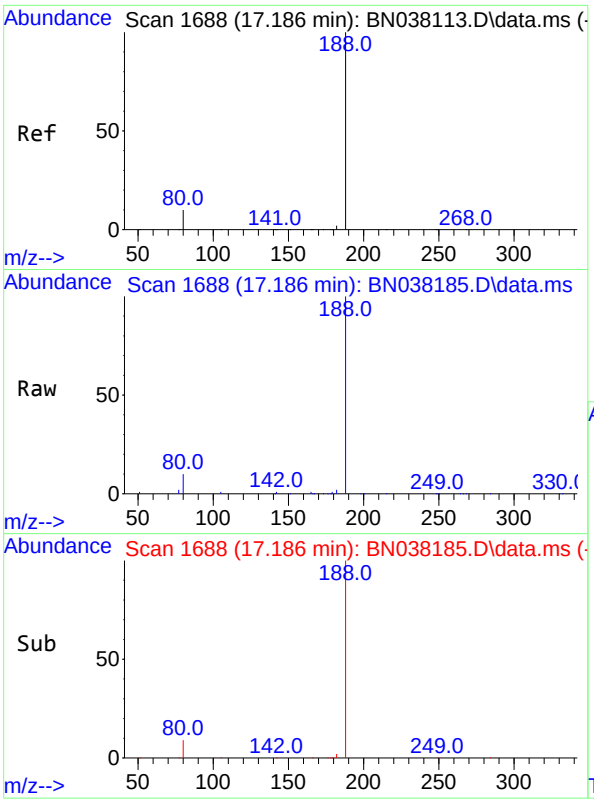


#18
Fluorene
Concen: 0.355 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:166 Resp: 26917

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.5	10.7	16.1



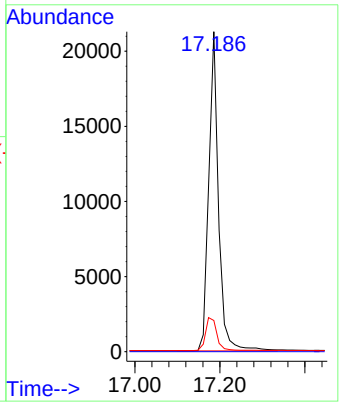


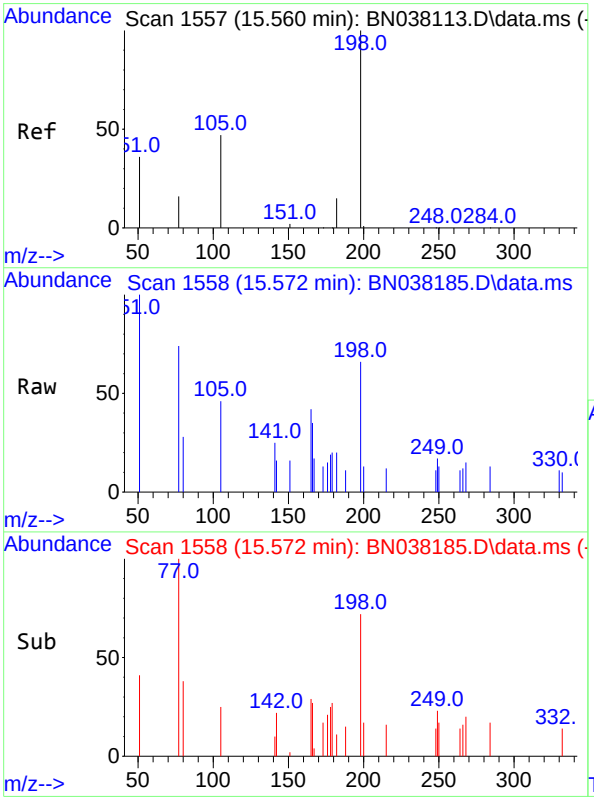
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:188 Resp: 33841

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	8.6	13.0

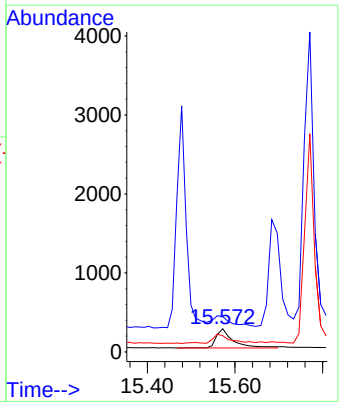


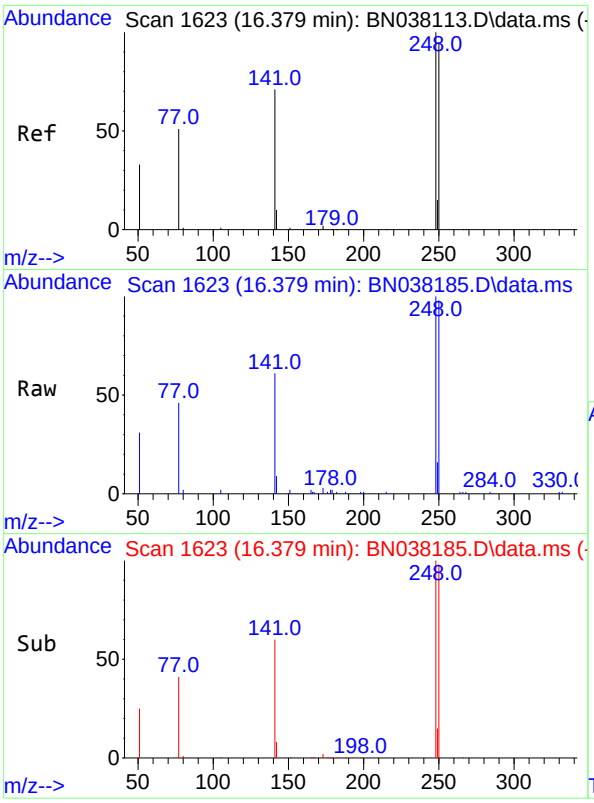


#20
4,6-Dinitro-2-methylphenol
Concen: 0.284 ng
RT: 15.572 min Scan# 1558
Delta R.T. 0.012 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:198 Resp: 646

Ion	Ratio	Lower	Upper
198	100		
51	152.6	88.9	133.3#
105	69.6	49.2	73.8



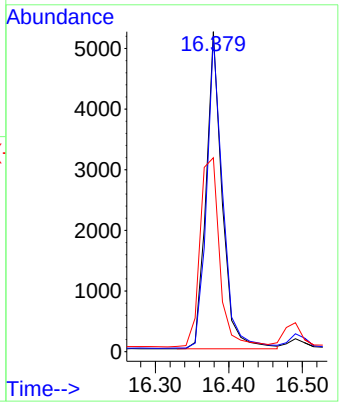


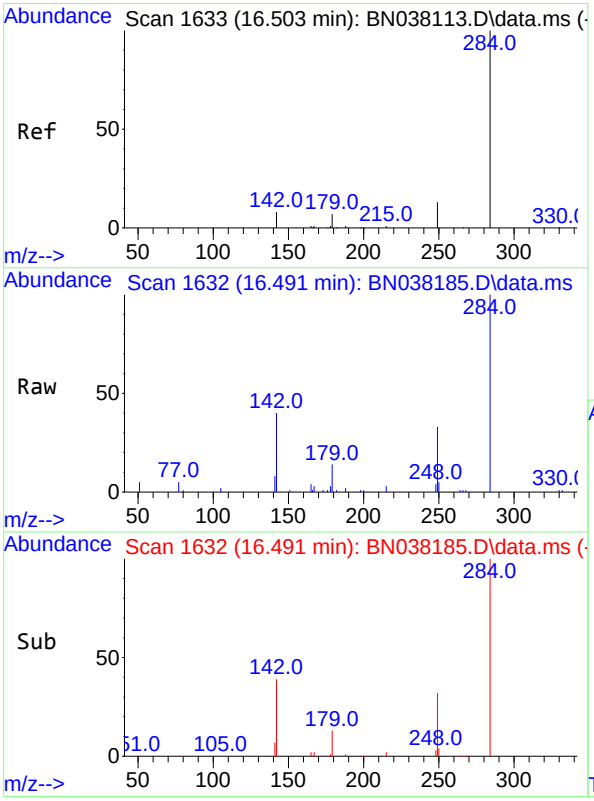
#21
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:248 Resp: 7923

Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.2	114.2
141	60.6	57.6	86.4

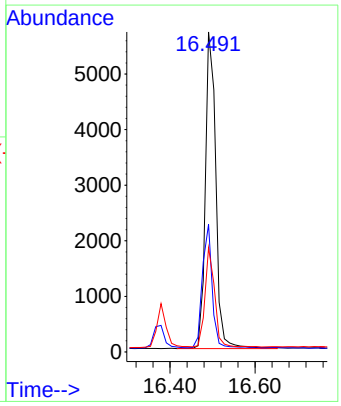


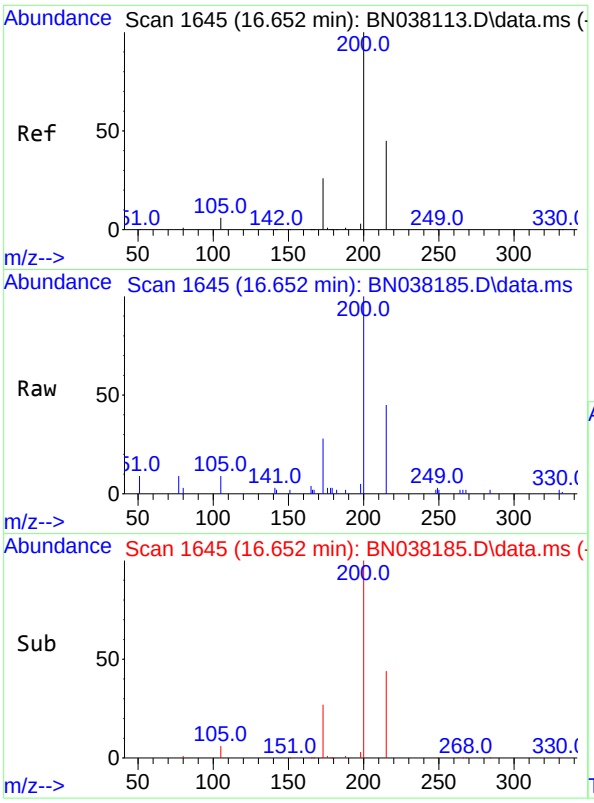


#22
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.491 min Scan# 1632
Delta R.T. -0.012 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:284 Resp: 9691

Ion	Ratio	Lower	Upper
284	100		
142	36.5	30.5	45.7
249	28.7	23.5	35.3



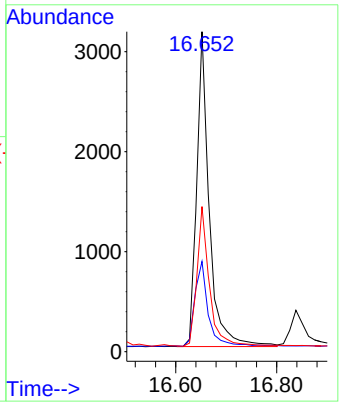


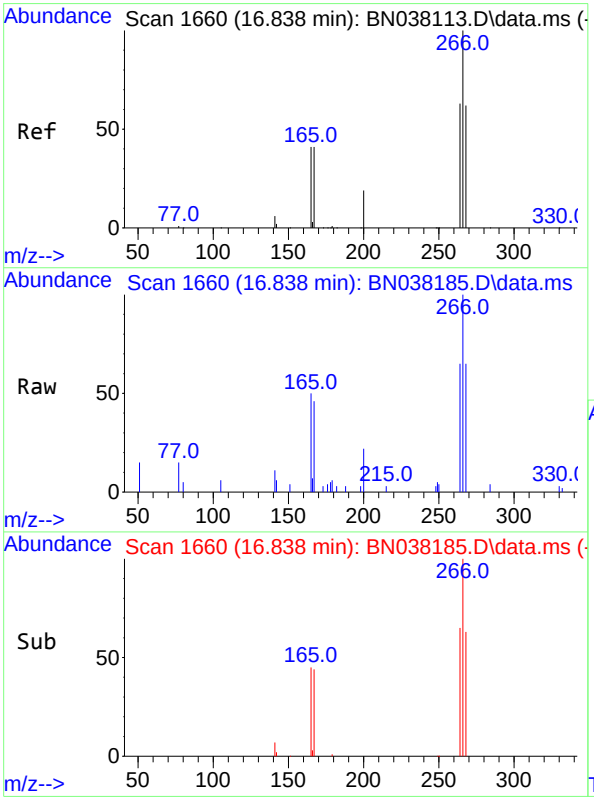
#23
Atrazine
Concen: 0.334 ng
RT: 16.652 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:200 Resp: 5427

Ion	Ratio	Lower	Upper
200	100		
173	28.2	21.4	32.2
215	45.3	36.7	55.1

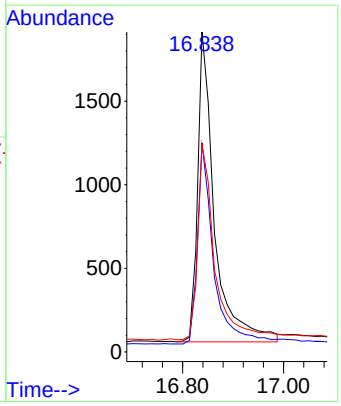


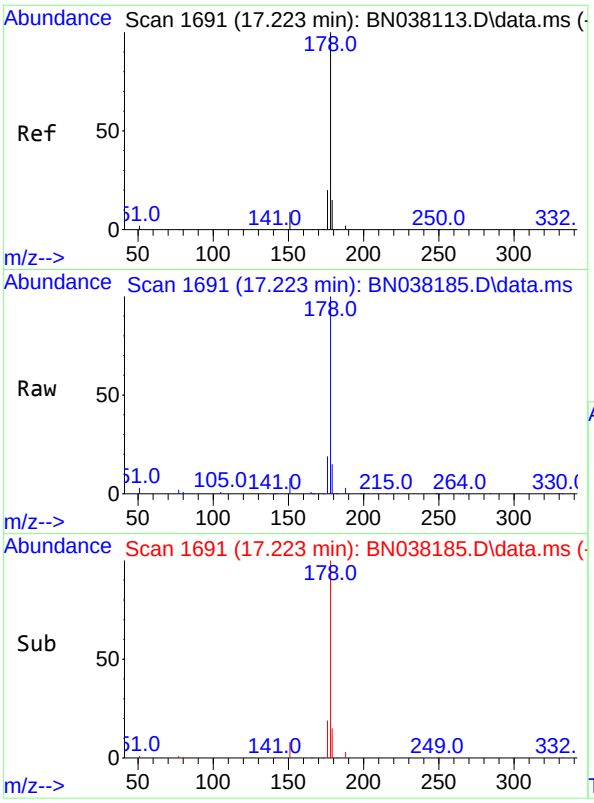


#24
Pentachlorophenol
Concen: 0.395 ng
RT: 16.838 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:266 Resp: 4291

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.3	73.9
268	65.7	50.6	75.8



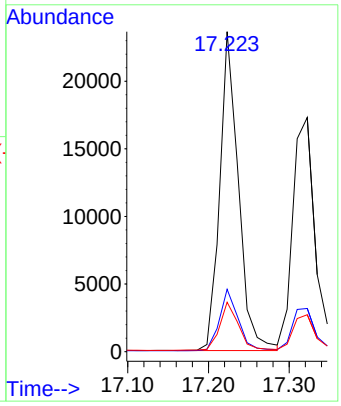


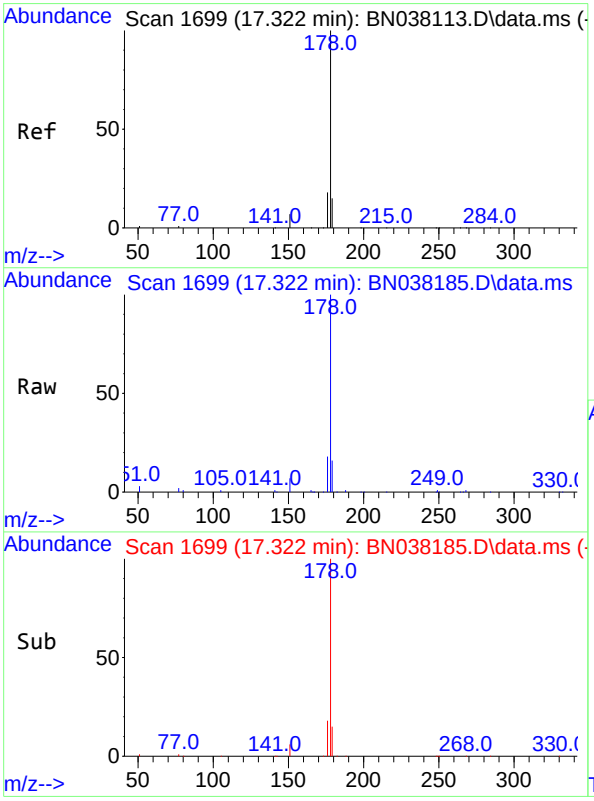
#25
Phenanthrene
Concen: 0.353 ng
RT: 17.223 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:178 Resp: 37919

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.2	18.4

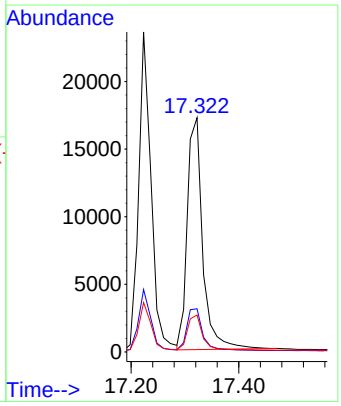


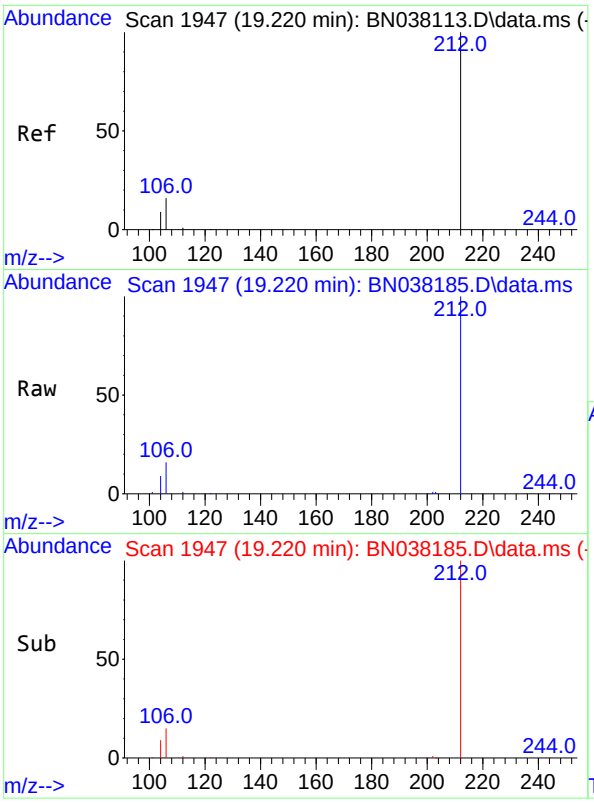


#26
Anthracene
Concen: 0.363 ng
RT: 17.322 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:178 Resp: 34132

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	11.8	17.8



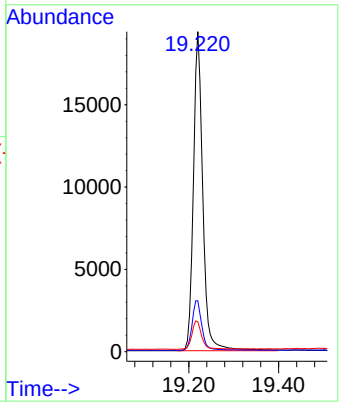


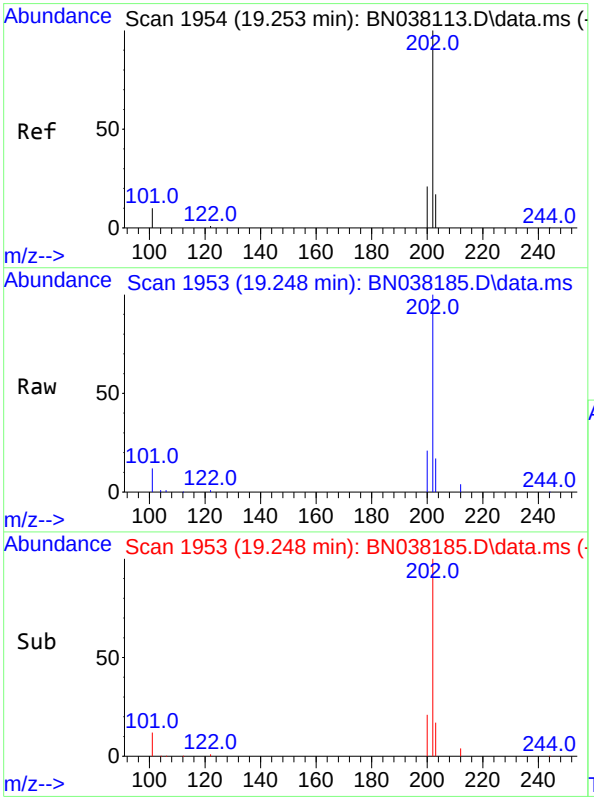
#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:212 Resp: 28223

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	9.2	7.1	10.7

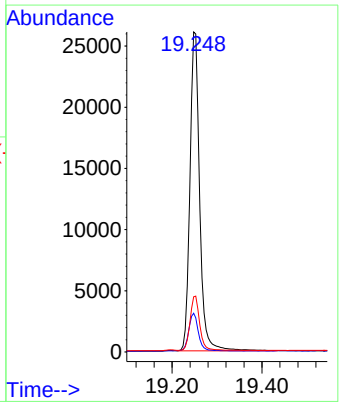


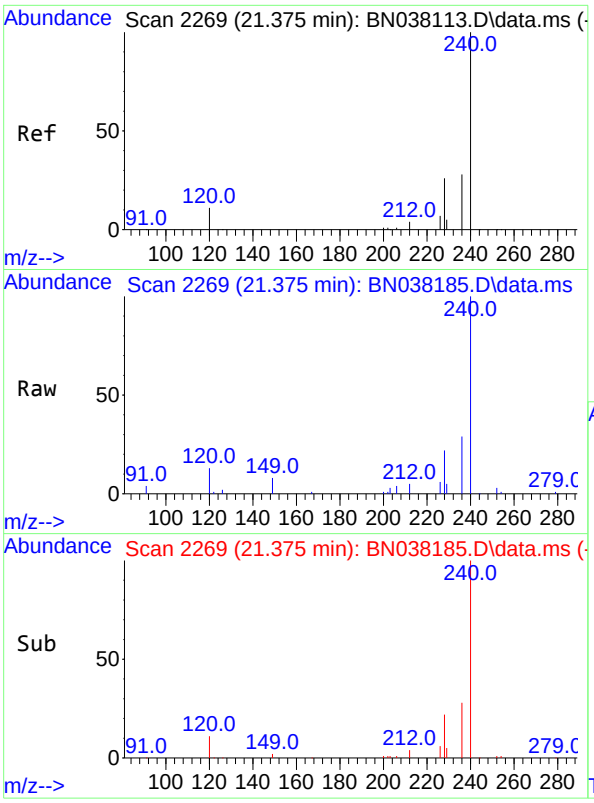


#28
Fluoranthene
Concen: 0.325 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:202 Resp: 39000

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.4	14.2
203	16.8	13.4	20.2



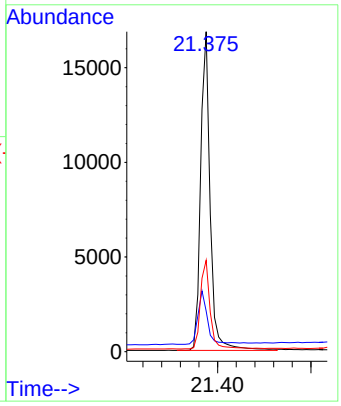


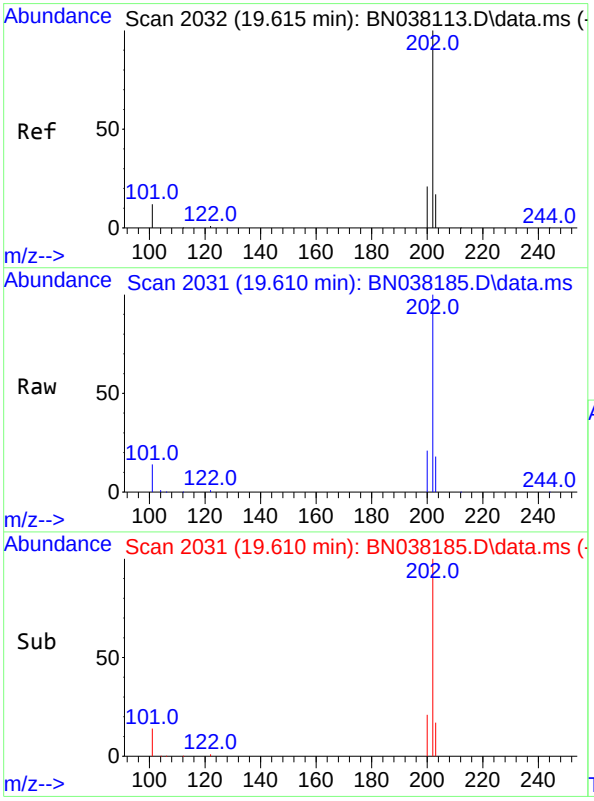
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:240 Resp: 23862

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.7	16.1
236	28.6	23.1	34.7

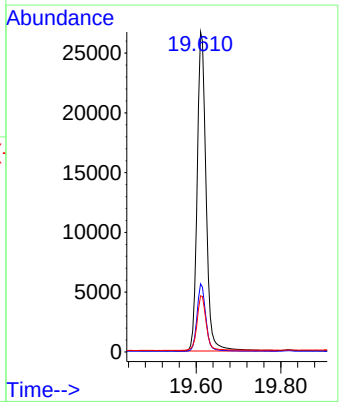


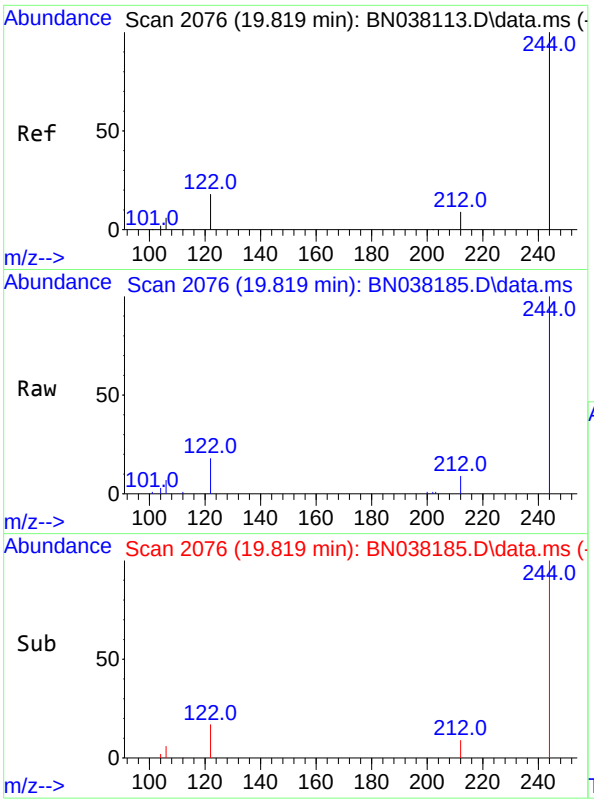


#30
Pyrene
Concen: 0.362 ng
RT: 19.610 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:202 Resp: 38950

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.2	21.2



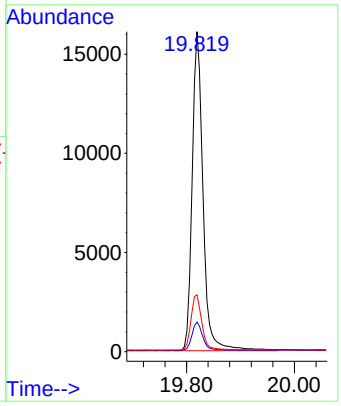


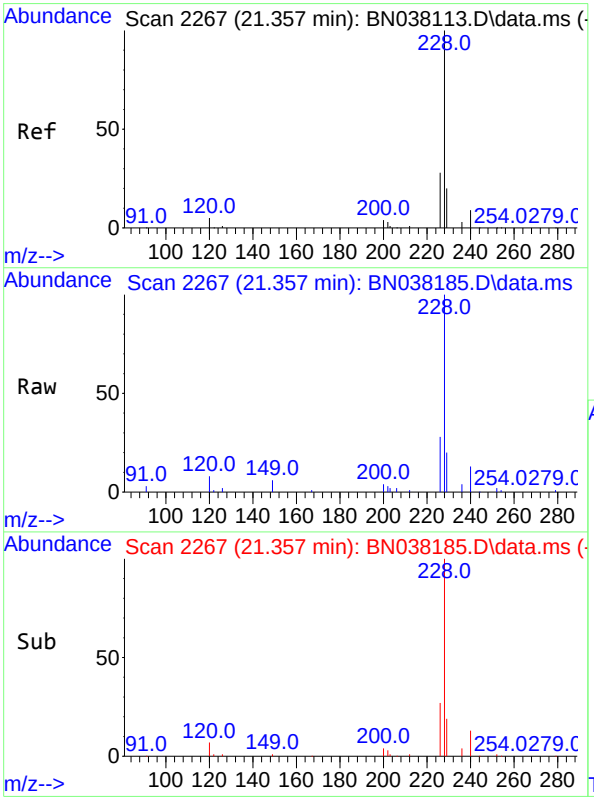
#31
Terphenyl-d14
Concen: 0.434 ng
RT: 19.819 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:244 Resp: 22475

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.8	11.6
122	17.8	15.2	22.8

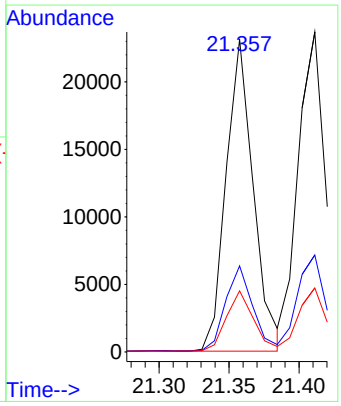


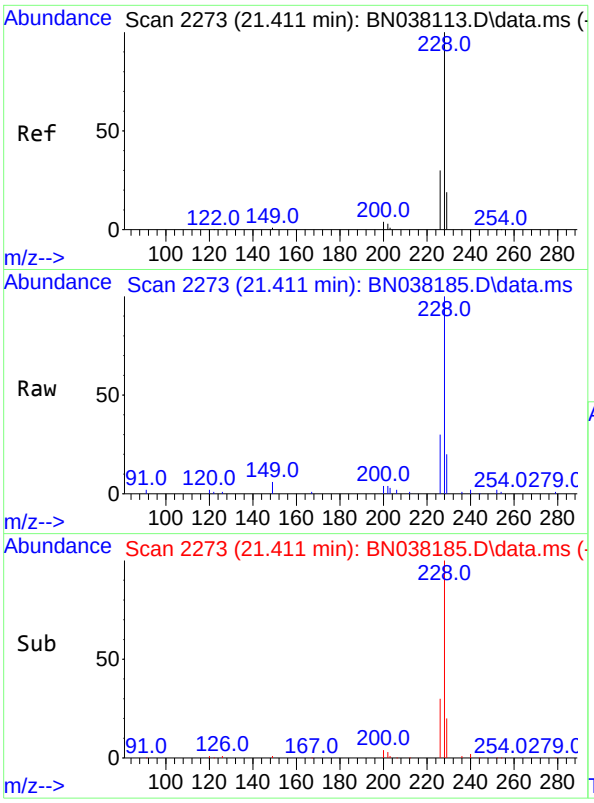


#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.357 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:228 Resp: 31304

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	19.5	15.8	23.8



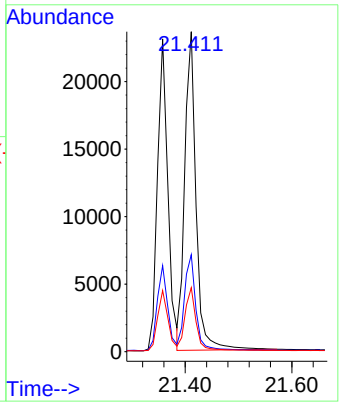


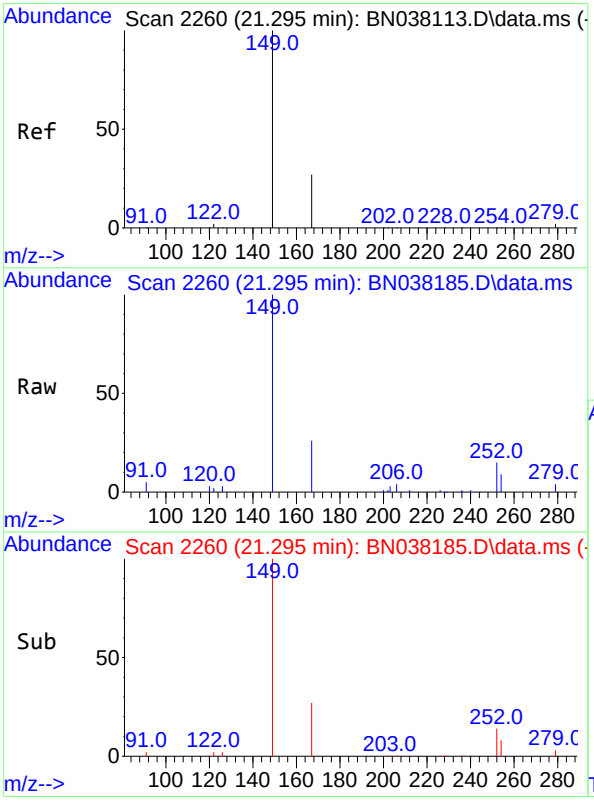
#33
Chrysene
Concen: 0.375 ng
RT: 21.411 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:228 Resp: 34651

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	20.0	15.7	23.5

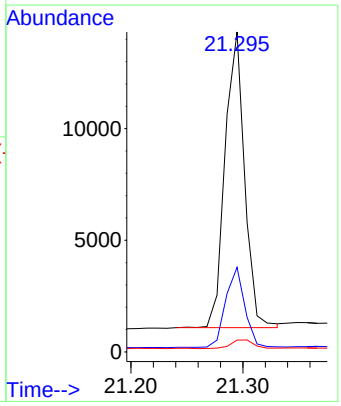


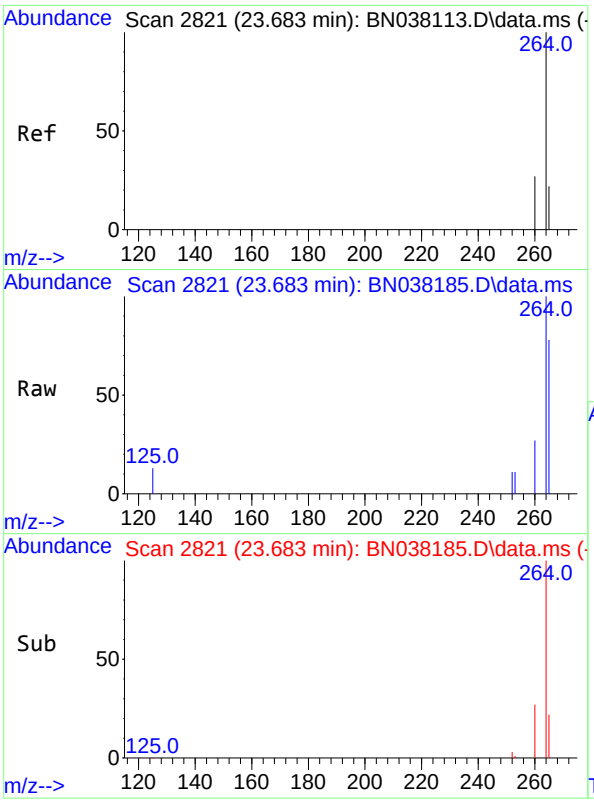


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.359 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:149 Resp: 16109

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.1	31.7
279	3.4	2.9	4.3



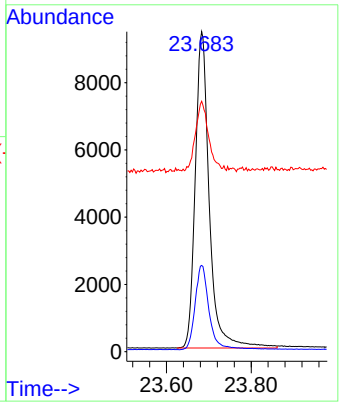


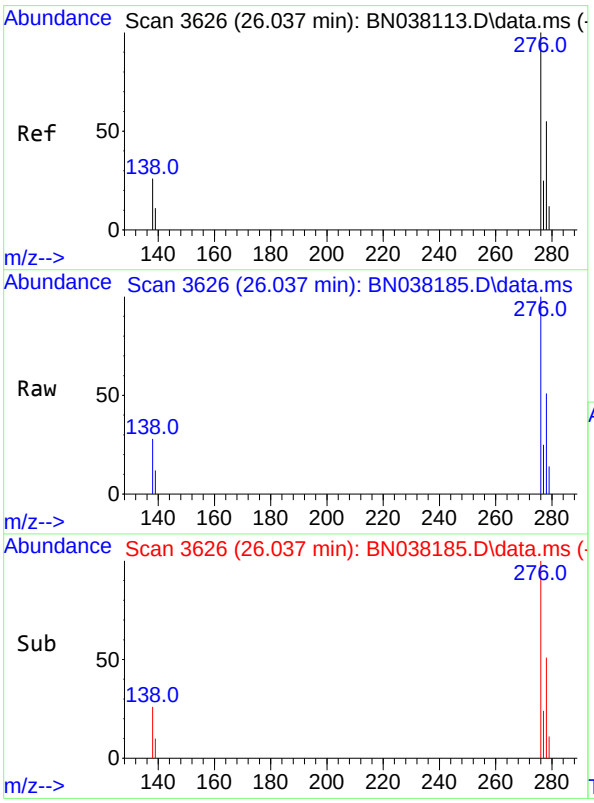
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:264 Resp: 21641

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.8	32.8
265	78.3	68.6	102.8

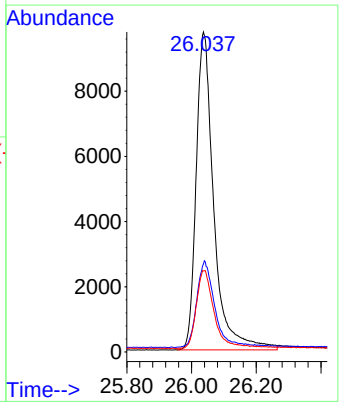


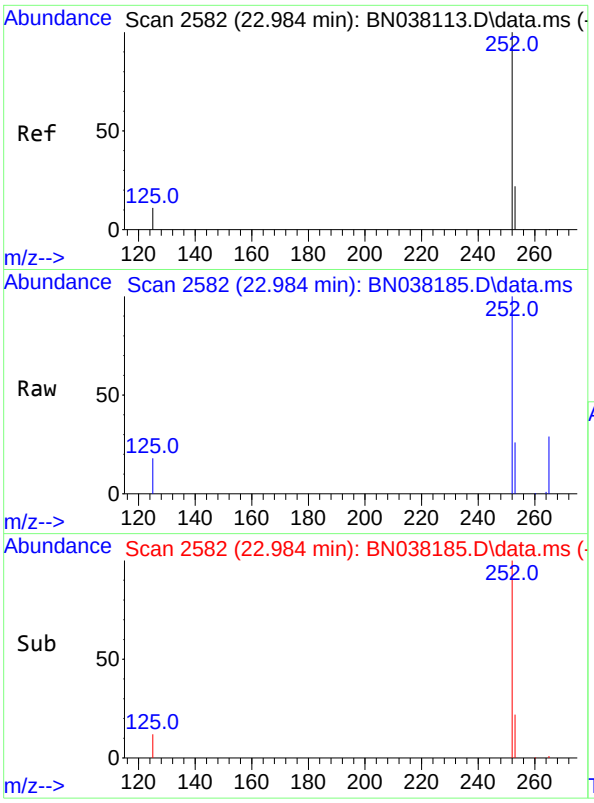


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 26.037 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:276 Resp: 36958

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.4	32.0
277	24.3	19.2	28.8



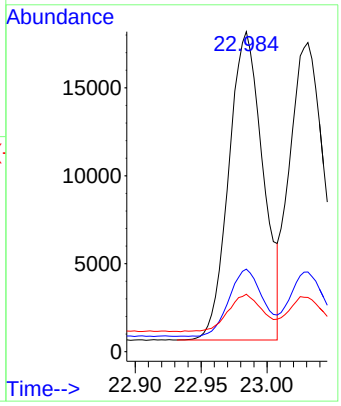


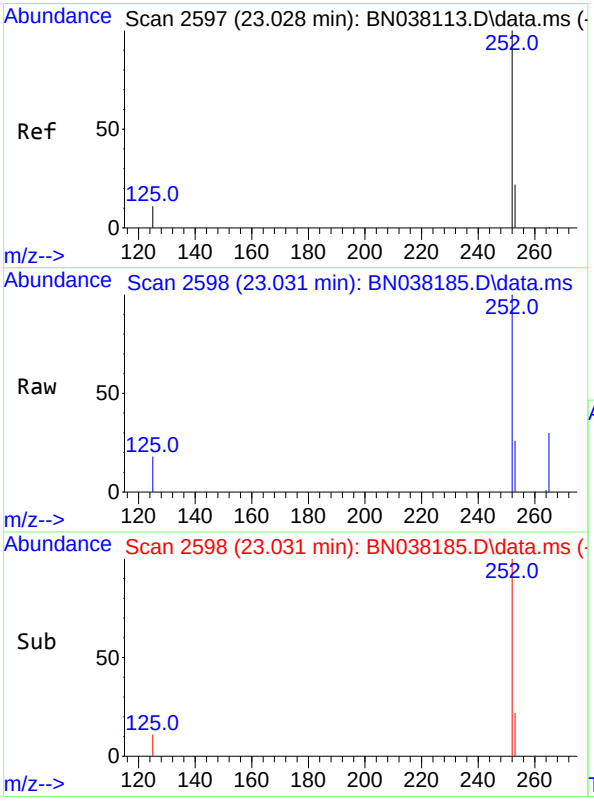
#37
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.984 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:252 Resp: 31609

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.9	31.3
125	17.9	14.1	21.1

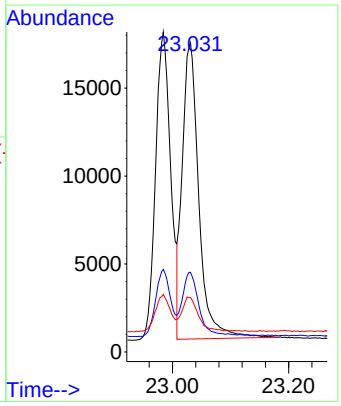


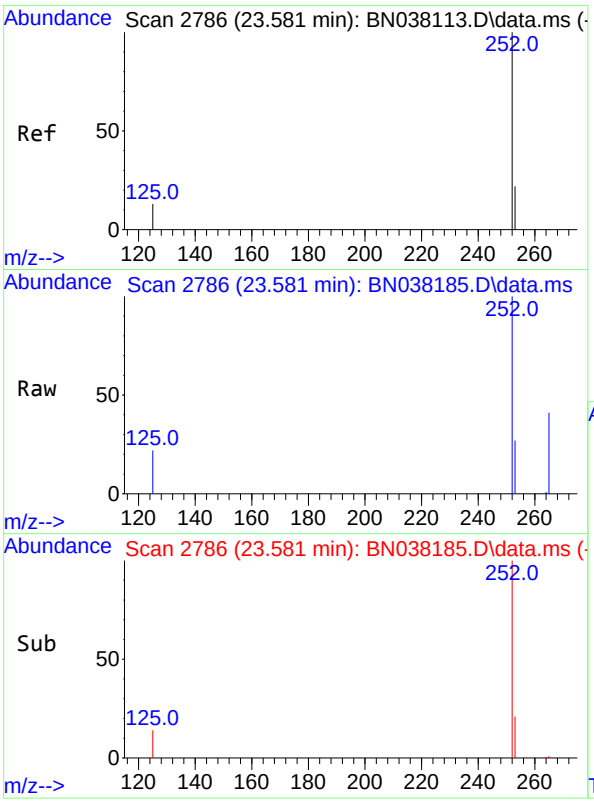


#38
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.031 min Scan# 2598
Delta R.T. 0.003 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:252 Resp: 33378

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.2	31.8
125	17.6	14.6	22.0



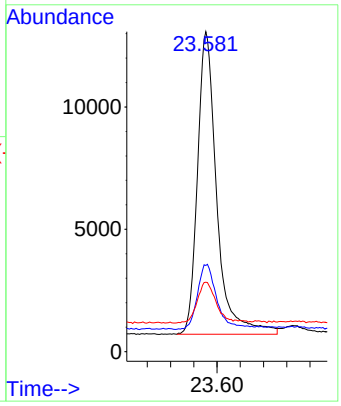


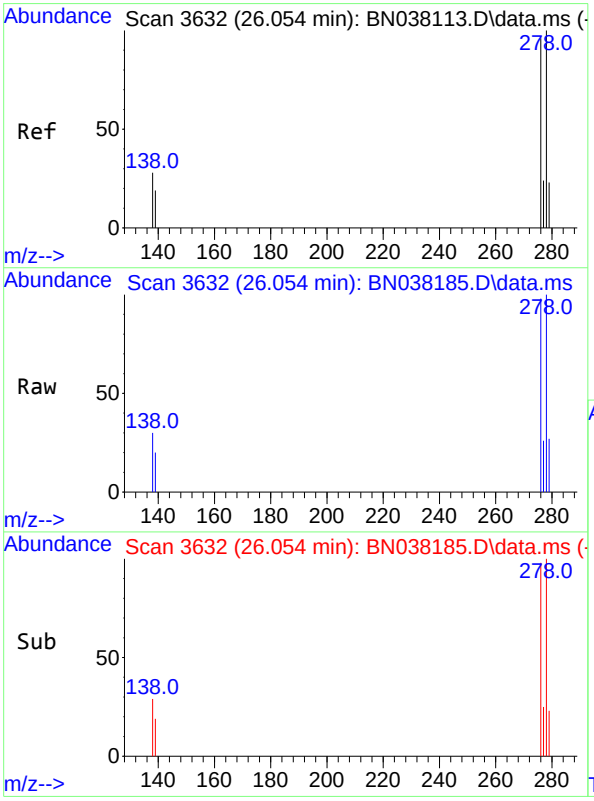
#39
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.581 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:252 Resp: 28450

Ion	Ratio	Lower	Upper
252	100		
253	27.0	23.1	34.7
125	21.7	18.6	28.0

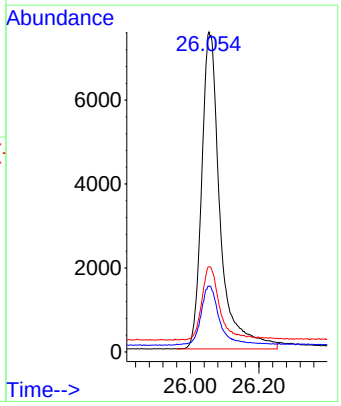


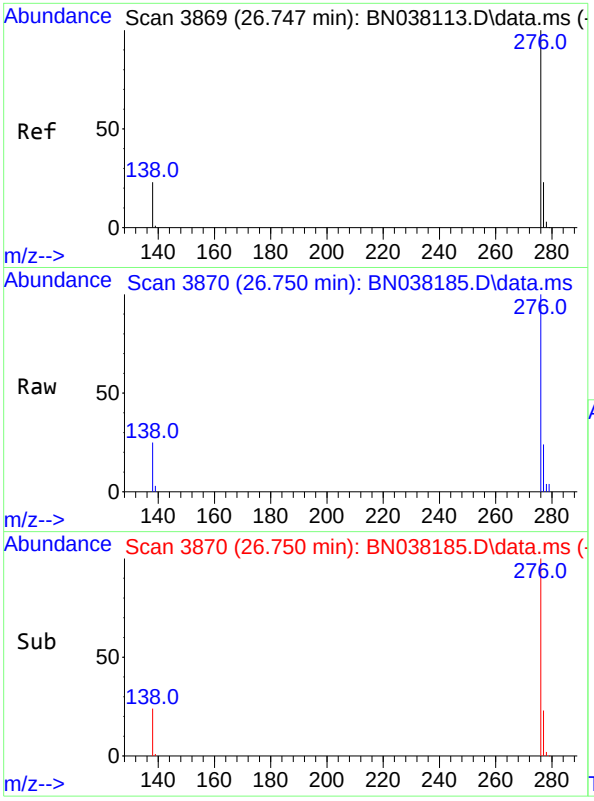


#40
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 26.054 min Scan# 3632
Delta R.T. 0.006 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Tgt Ion:278 Resp: 28160

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.6	26.4
279	26.6	22.6	33.8





#41
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.750 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN038185.D
Acq: 12 Nov 2025 10:44

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Tgt Ion:276 Resp: 31402

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.7	29.5
138	25.1	20.2	30.4