Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037847.D
Acq On : 20 Sep 2025 11:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 22 00:38:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	6137	0.400	ng		-0.01
7) Naphthalene-d8	10.626	136	16197	0.400	ng		-0.02
13) Acenaphthene-d10	14.473	164	7238	0.400	ng		-0.02
19) Phenanthrene-d10	17.223	188	13073	0.400	ng		-0.01
29) Chrysene-d12	21.402	240	12006	0.400	ng		#-0.02
35) Perylene-d12	23.736	264	11862	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	5373	0.381	ng		0.00
5) Phenol-d6	6.980	99	6805	0.373	ng		0.00
8) Nitrobenzene-d5	8.971	82	4665	0.394	ng		-0.02
11) 2-Methylnaphthalene-d10	12.222	152	7614	0.355	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	891	0.472	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	11631	0.384	ng		-0.01
27) Fluoranthene-d10	19.257	212	11964	0.365	ng		-0.01
31) Terphenyl-d14	19.856	244	8481	0.348	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	2596	0.406	ng		95
3) n-Nitrosodimethylamine	3.608	42	3185	0.381	ng		92
6) bis(2-Chloroethyl)ether	7.240	93	6315	0.387	ng		99
9) Naphthalene	10.680	128	17021	0.384	ng		99
10) Hexachlorobutadiene	10.979	225	3043	0.380	ng	#	100
12) 2-Methylnaphthalene	12.298	142	10117	0.369	ng		99
16) Acenaphthylene	14.195	152	12119	0.365	ng		100
17) Acenaphthene	14.537	154	8461	0.377	ng		97
18) Fluorene	15.522	166	9893	0.364	ng		98
20) 4,6-Dinitro-2-methylph...	15.597	198	396	0.327	ng		87
21) 4-Bromophenyl-phenylether	16.416	248	3095	0.363	ng	#	74
22) Hexachlorobenzene	16.540	284	3993	0.407	ng		98
23) Atrazine	16.689	200	1936	0.357	ng		100
24) Pentachlorophenol	16.875	266	1204	0.423	ng		98
25) Phenanthrene	17.260	178	15813	0.384	ng		99
26) Anthracene	17.359	178	13675	0.375	ng		100
28) Fluoranthene	19.285	202	17285	0.383	ng		100
30) Pyrene	19.647	202	17226	0.367	ng		100
32) Benzo(a)anthracene	21.393	228	15817	0.378	ng		99
33) Chrysene	21.438	228	17106	0.381	ng		97
34) Bis(2-ethylhexyl)phtha...	21.331	149	4990	0.402	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	20571	0.413	ng		100
37) Benzo(b)fluoranthene	23.028	252	18556	0.397	ng		97
38) Benzo(k)fluoranthene	23.075	252	19102	0.401	ng		97
39) Benzo(a)pyrene	23.630	252	14379	0.384	ng	#	96
40) Dibenzo(a,h)anthracene	26.127	278	15603	0.392	ng		98
41) Benzo(g,h,i)perylene	26.835	276	17395	0.390	ng		99

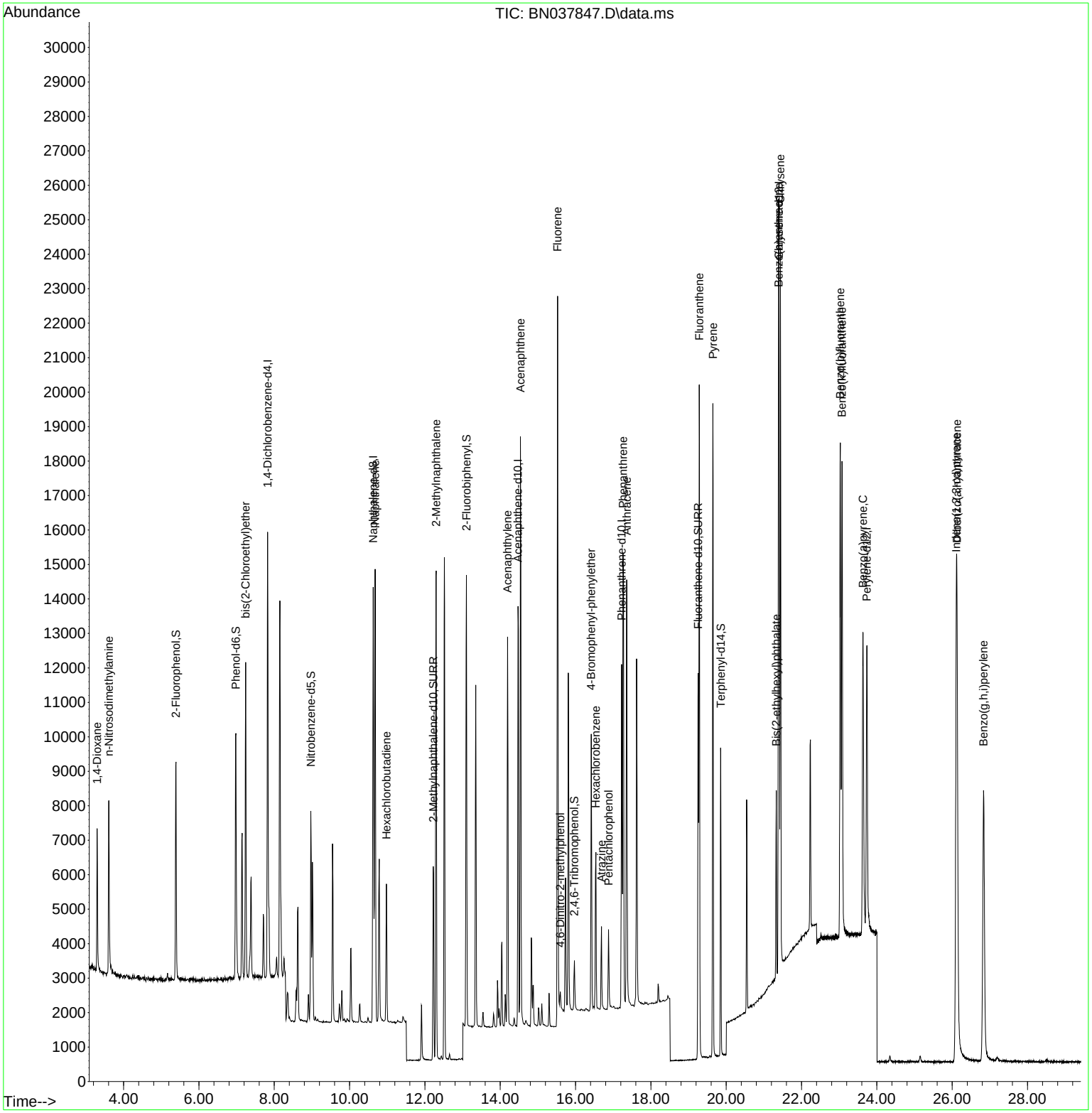
(#) = qualifier out of range (m) = manual integration (+) = signals summed

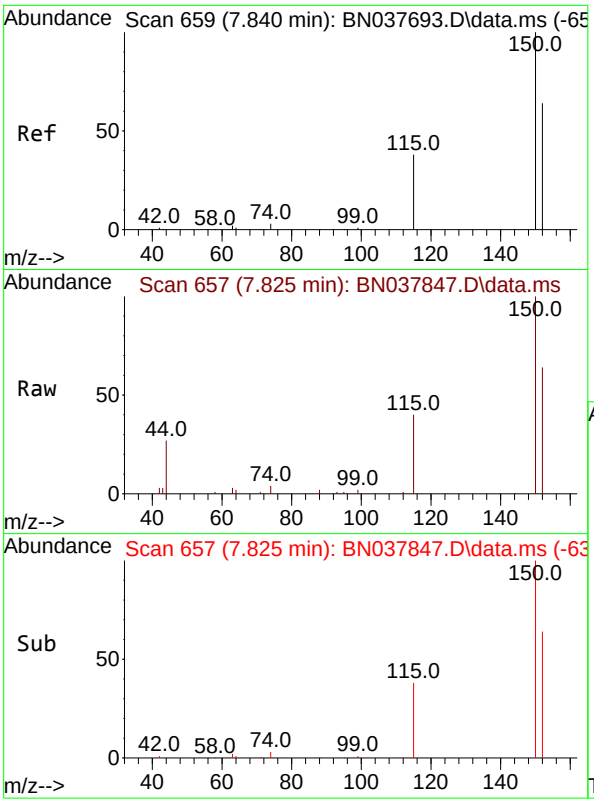
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037847.D
Acq On : 20 Sep 2025 11:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 22 00:38:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



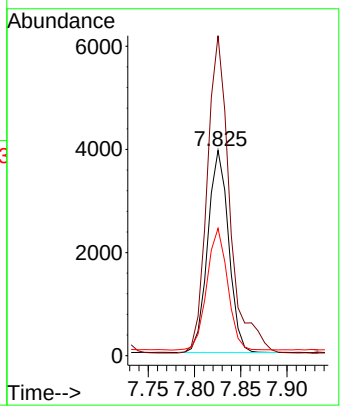


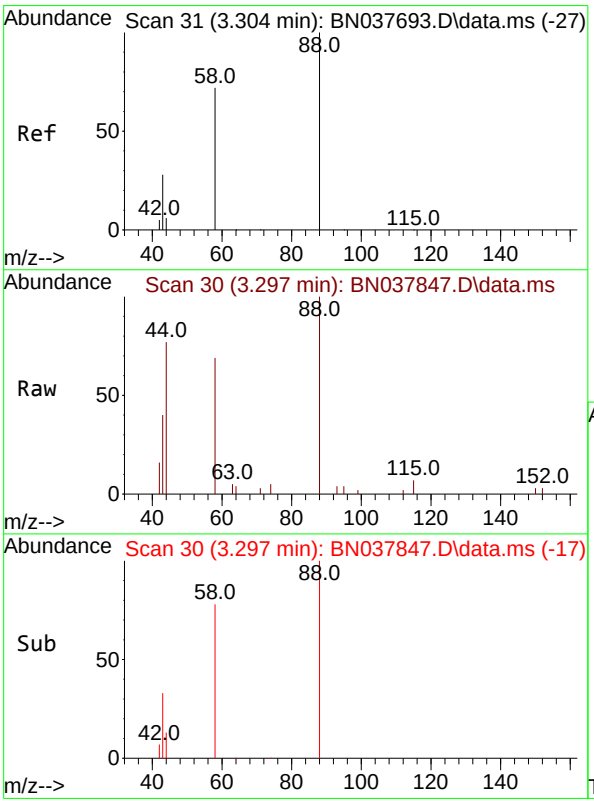
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6137

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.5	186.7
115	62.0	49.2	73.8

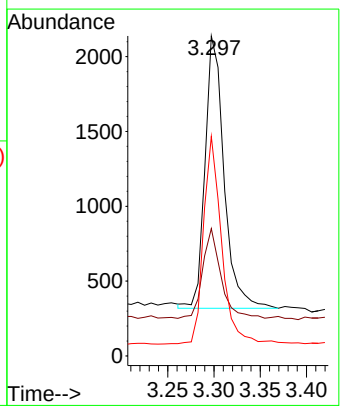


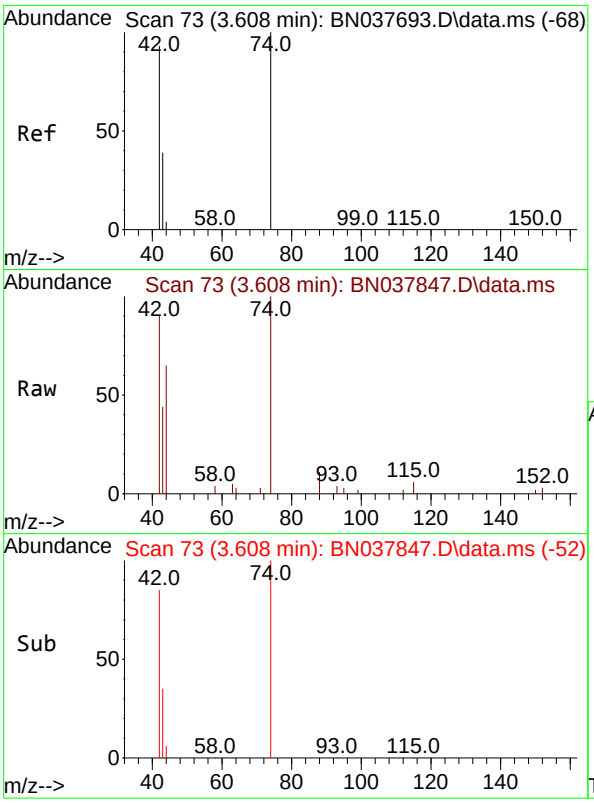


#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion: 88 Resp: 2596

Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.8	40.2
58	72.9	61.9	92.9



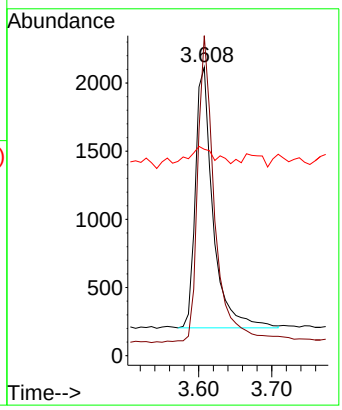


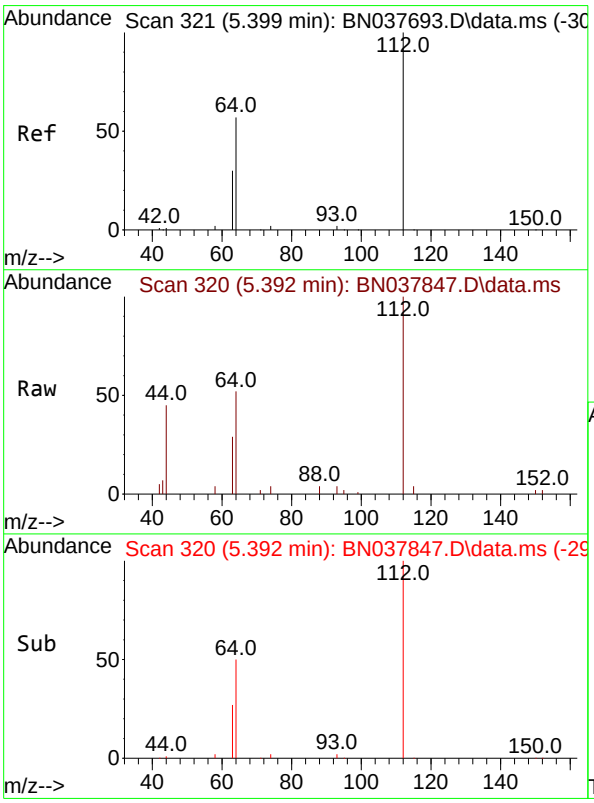
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.608 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3185

Ion	Ratio	Lower	Upper
42	100		
74	116.1	86.0	129.0
44	8.6	8.4	12.6

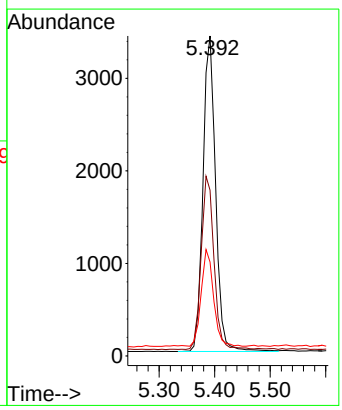


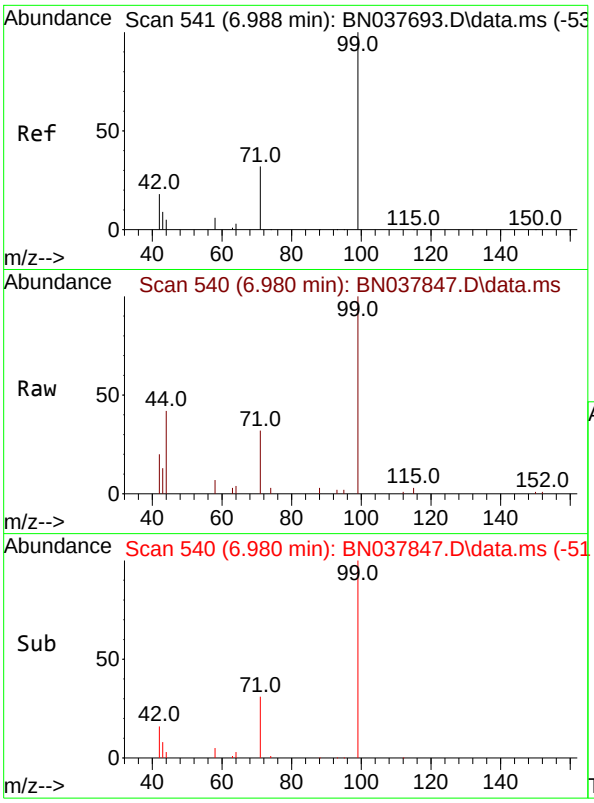


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:112 Resp: 5373

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.9	67.3
63	29.9	24.7	37.1



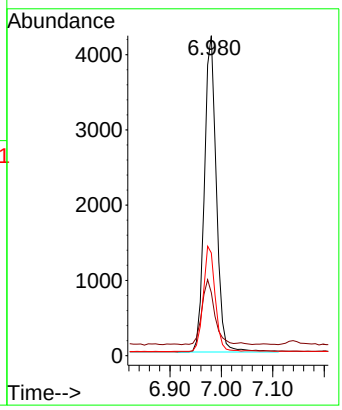


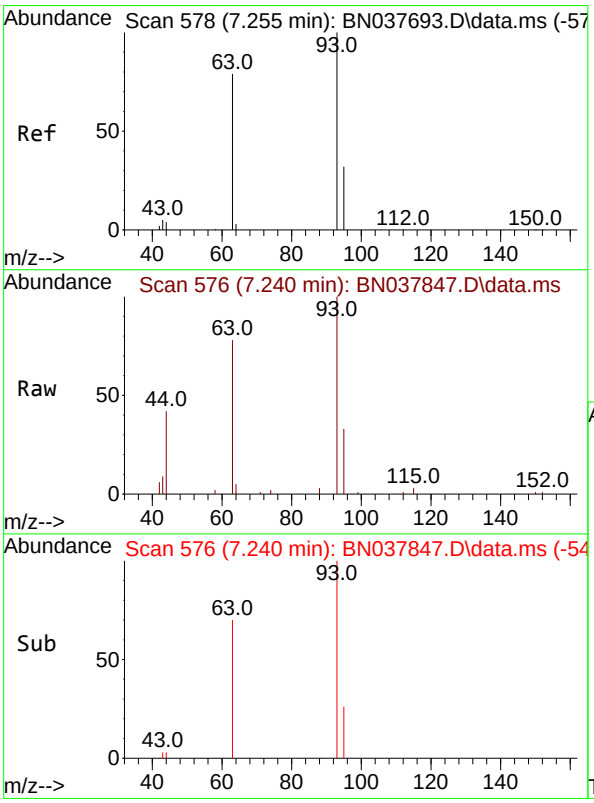
#5
Phenol-d6
Concen: 0.373 ng
RT: 6.980 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6805

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.6	24.8
71	33.1	26.7	40.1

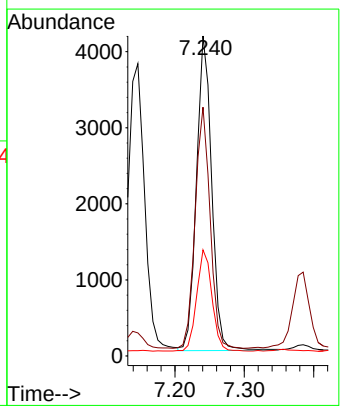


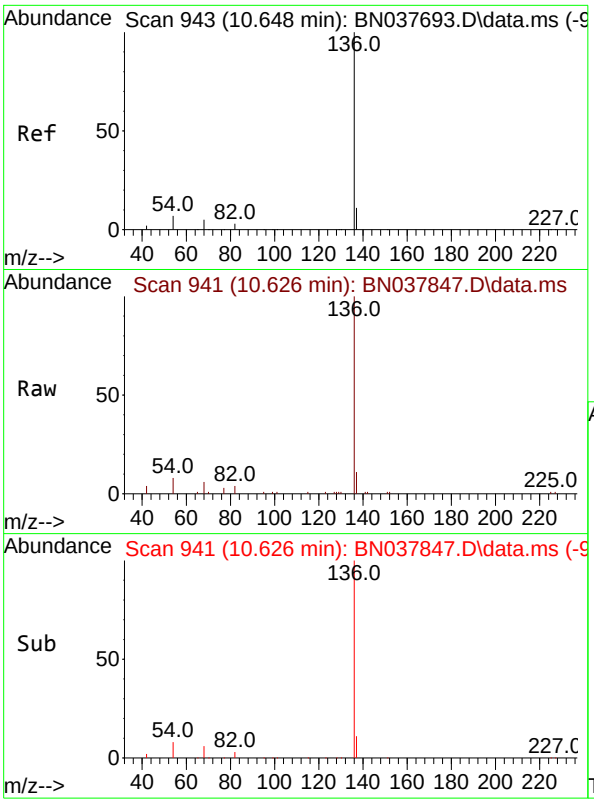


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.240 min Scan# 576
Delta R.T. -0.015 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion: 93 Resp: 6315

Ion	Ratio	Lower	Upper
93	100		
63	75.2	60.6	90.8
95	32.2	26.0	39.0



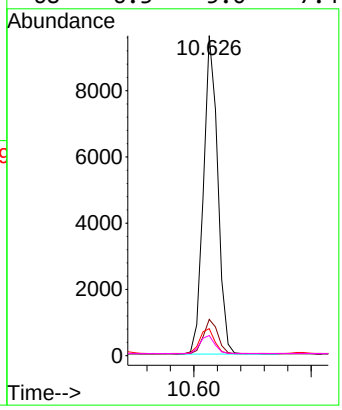


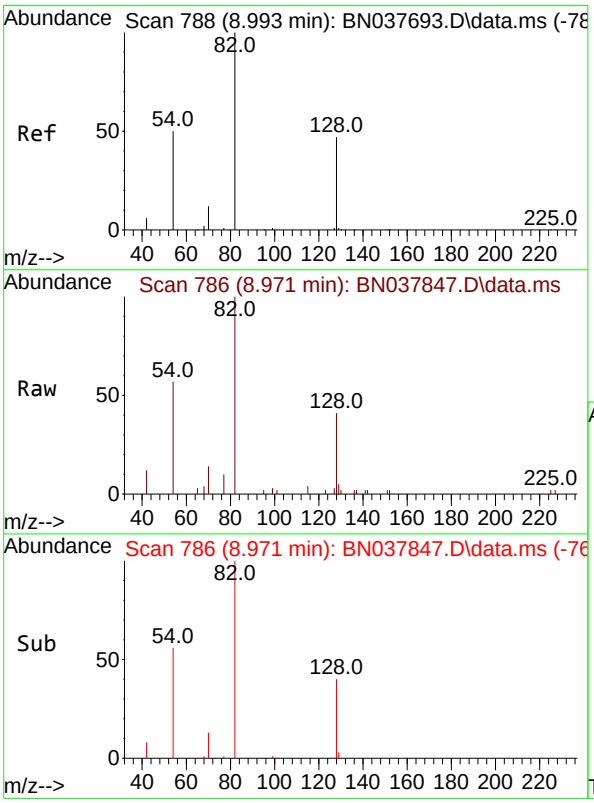
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16197

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.5	6.3	9.5
68	6.3	5.0	7.4

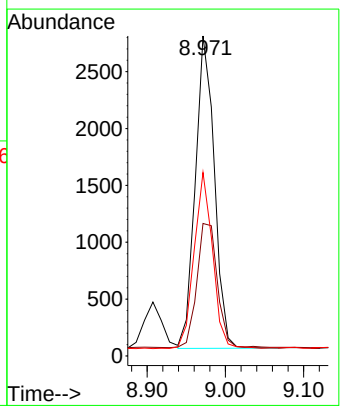


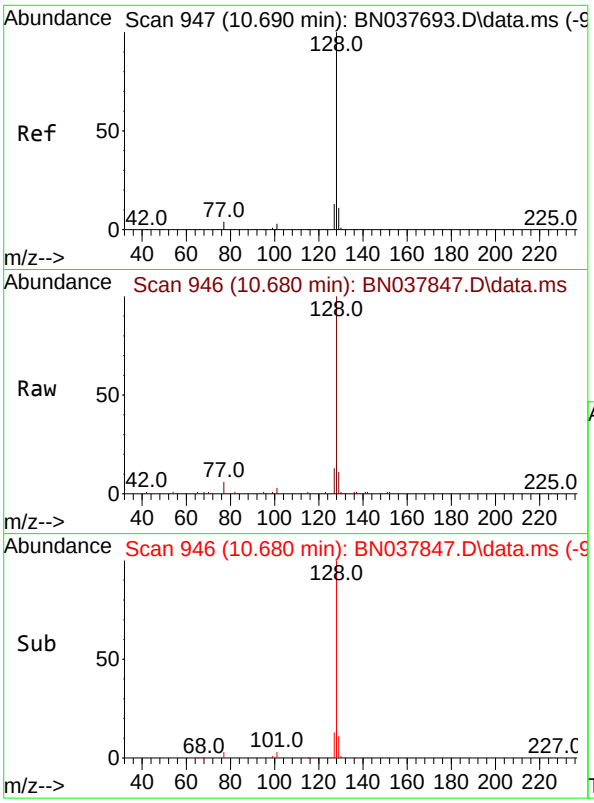


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion: 82 Resp: 4665

Ion	Ratio	Lower	Upper
82	100		
128	41.4	38.3	57.5
54	57.4	41.4	62.2



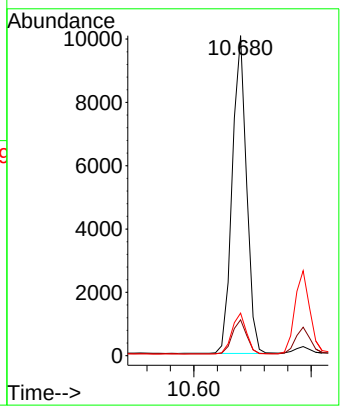


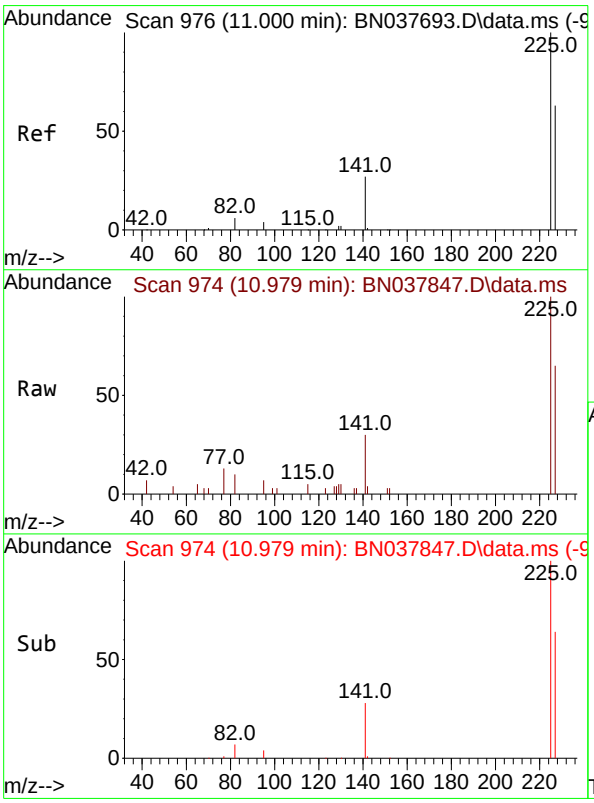
#9
Naphthalene
Concen: 0.384 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 17021

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.3	10.9	16.3

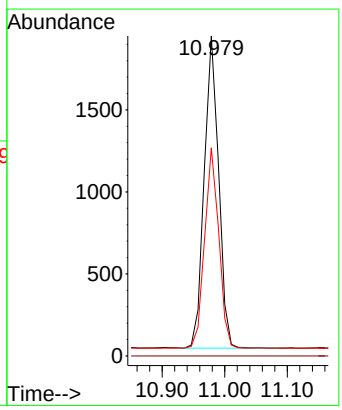


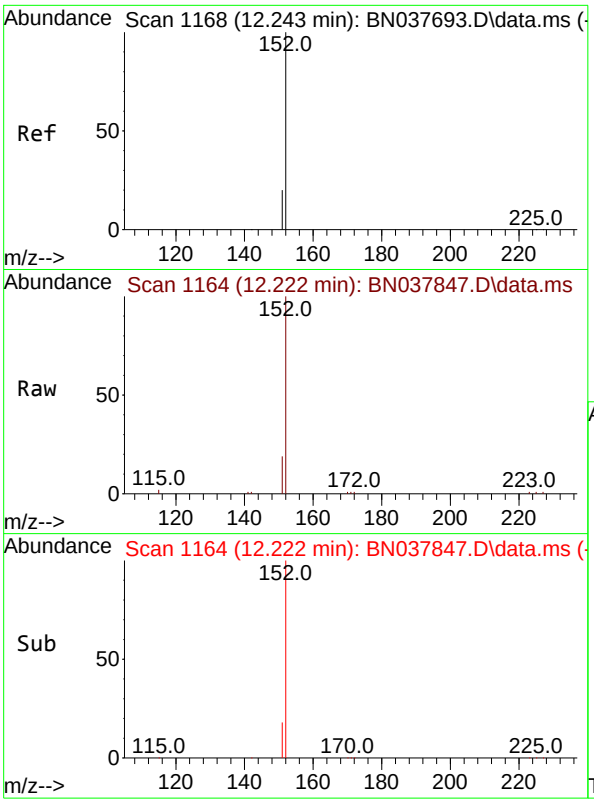


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.979 min Scan# 974
Delta R.T. -0.021 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:225 Resp: 3043

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



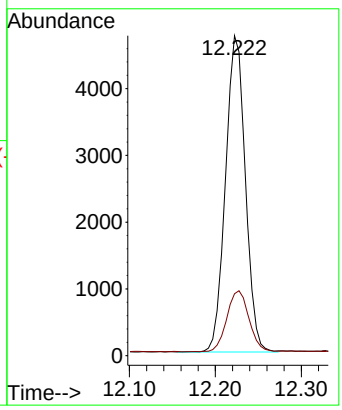


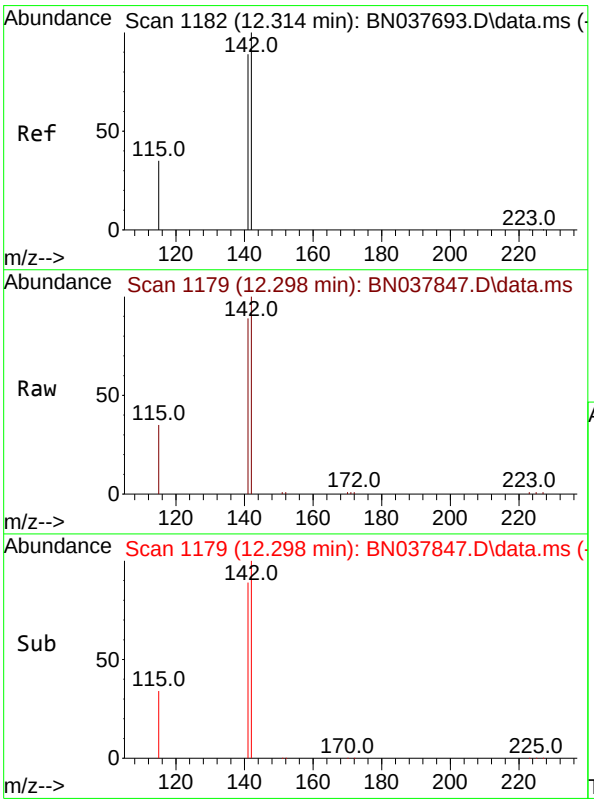
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.222 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7614

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6

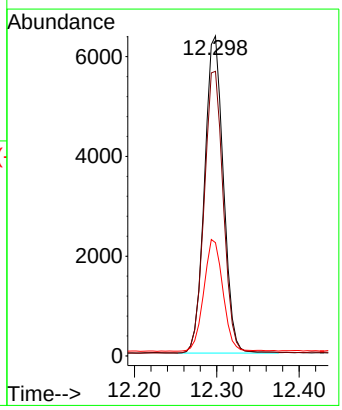


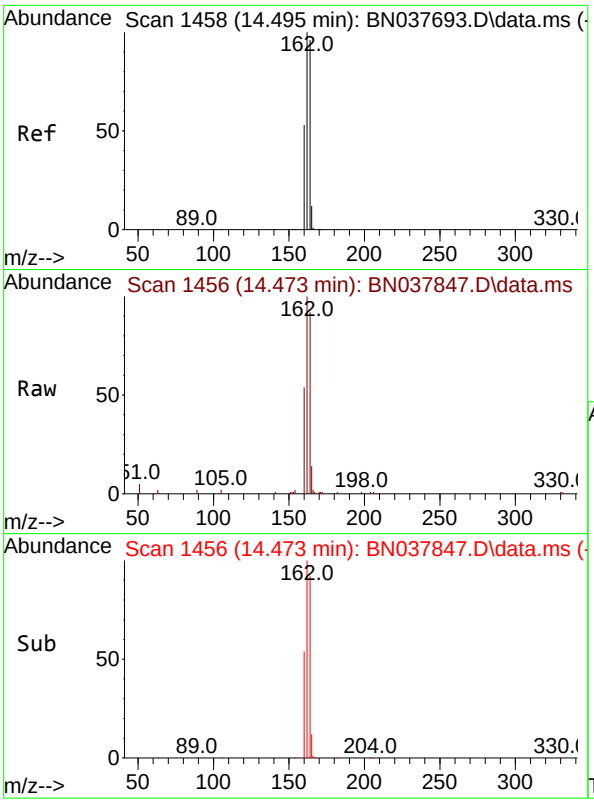


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.298 min Scan# 1179
Delta R.T. -0.015 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:142 Resp: 10117

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	35.4	28.6	43.0



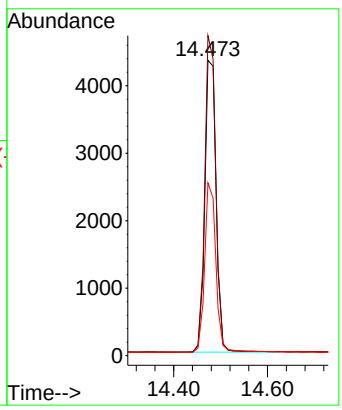


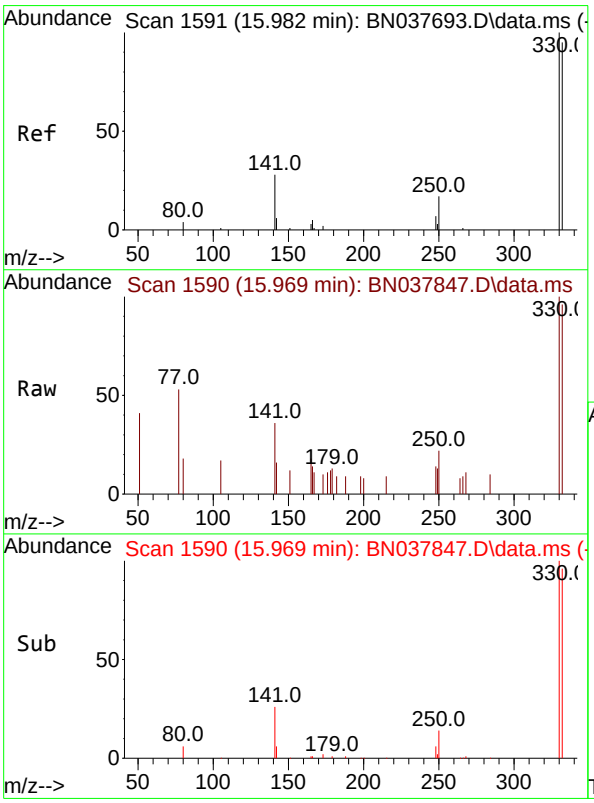
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 14
Delta R.T. -0.022 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7238

Ion	Ratio	Lower	Upper
164	100		
162	108.4	83.1	124.7
160	58.5	44.3	66.5

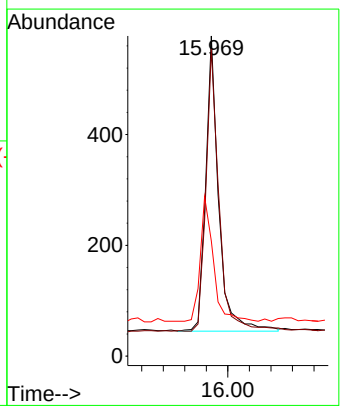


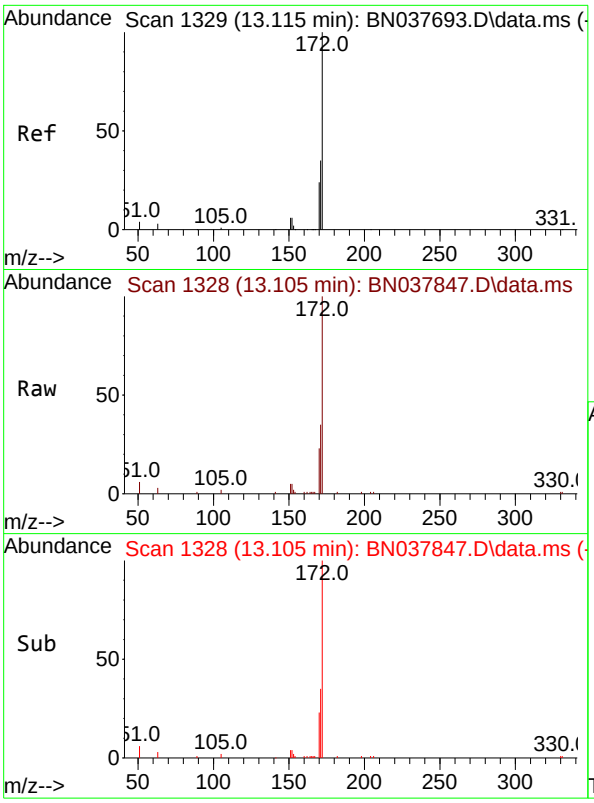


#14
2,4,6-Tribromophenol
Concen: 0.472 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:330 Resp: 891

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.3	112.9
141	42.8	35.0	52.4



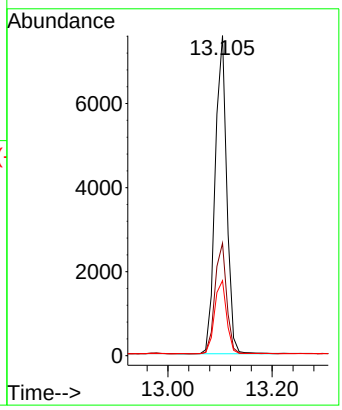


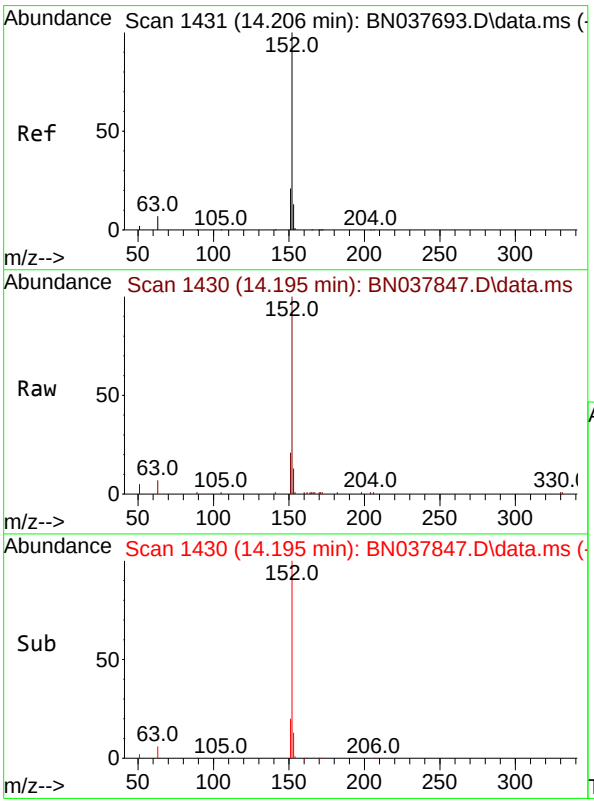
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 11631

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.5	19.8	29.8

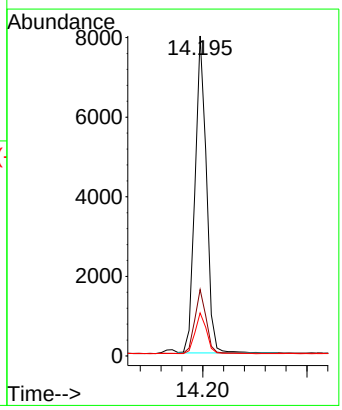


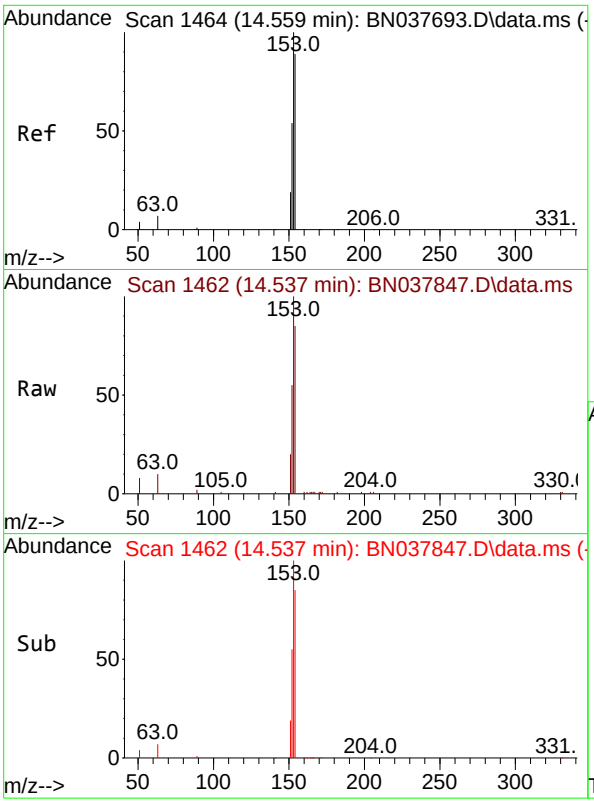


#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.195 min Scan# 1430
Delta R.T. -0.011 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:152 Resp: 12119

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	12.9	10.4	15.6



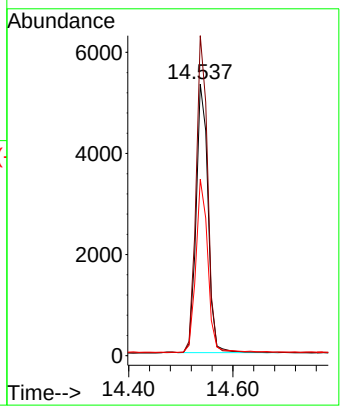


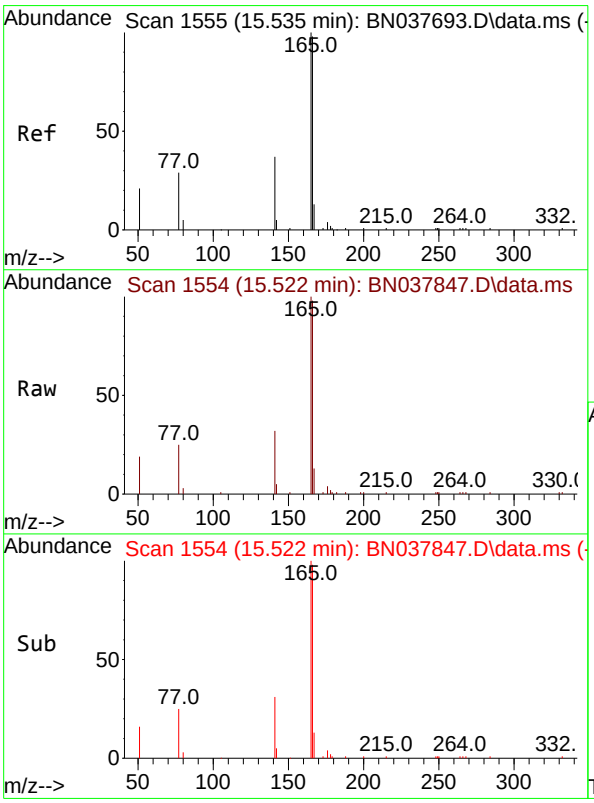
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.537 min Scan# 14
Delta R.T. -0.022 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8461

Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.8	134.8
152	65.0	50.2	75.2

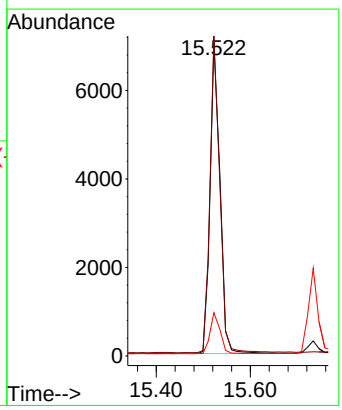


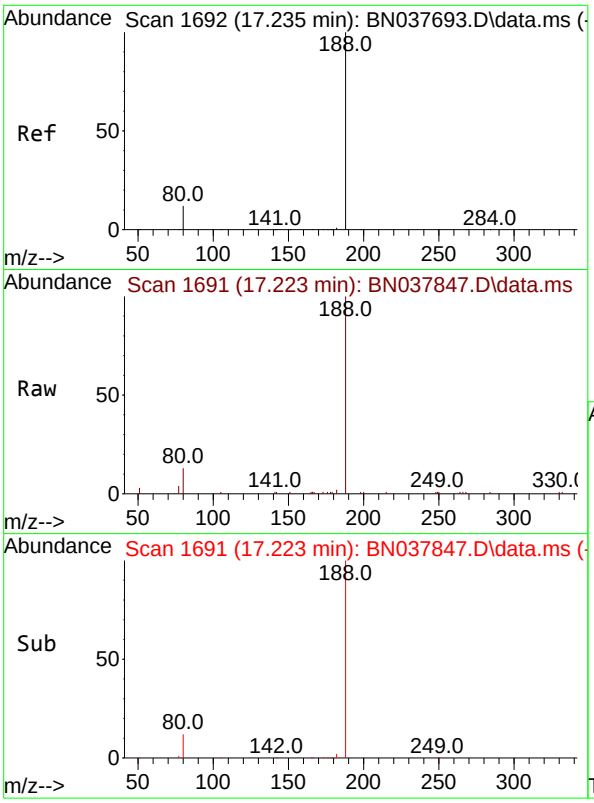


#18
Fluorene
Concen: 0.364 ng
RT: 15.522 min Scan# 1554
Delta R.T. -0.013 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:166 Resp: 9893

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.6	119.4
167	13.8	10.6	16.0



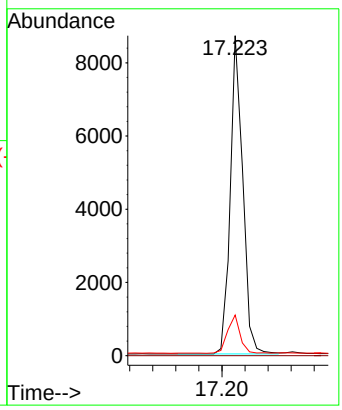


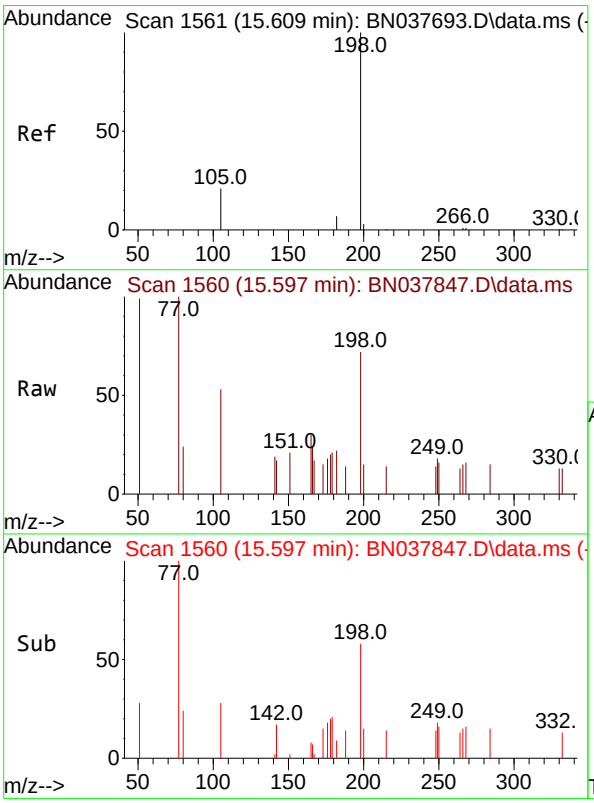
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 13073

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	10.6	15.8

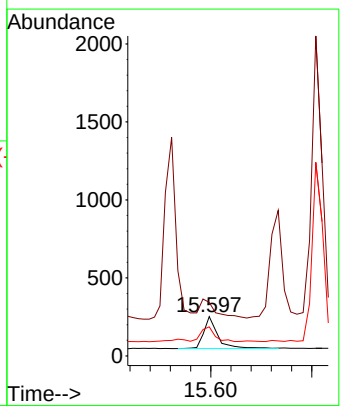


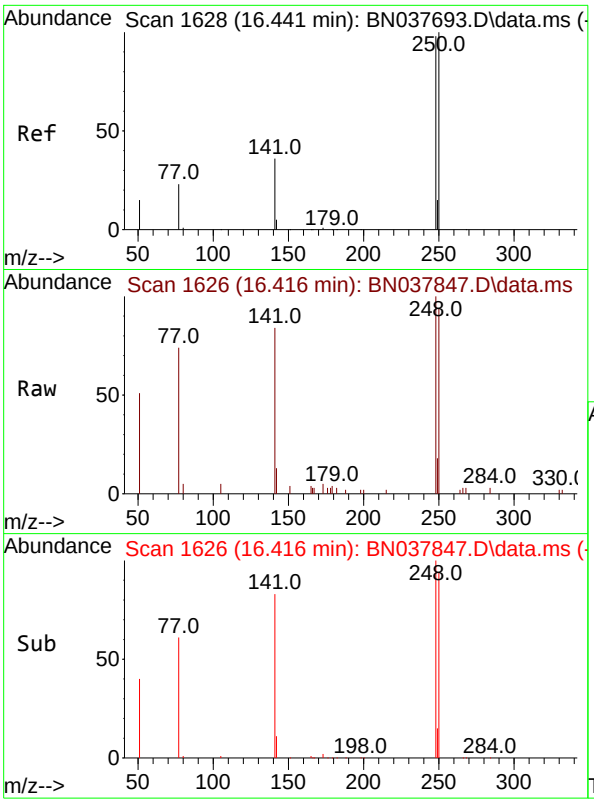


#20
4,6-Dinitro-2-methylphenol
Concen: 0.327 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:198 Resp: 396

Ion	Ratio	Lower	Upper
198	100		
51	136.1	95.1	142.7
105	73.8	53.8	80.6



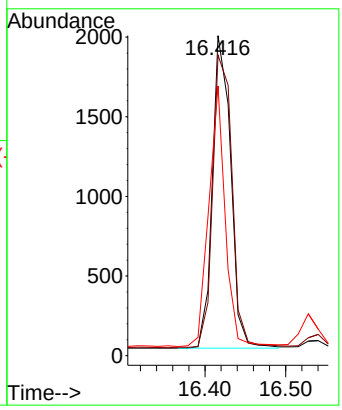


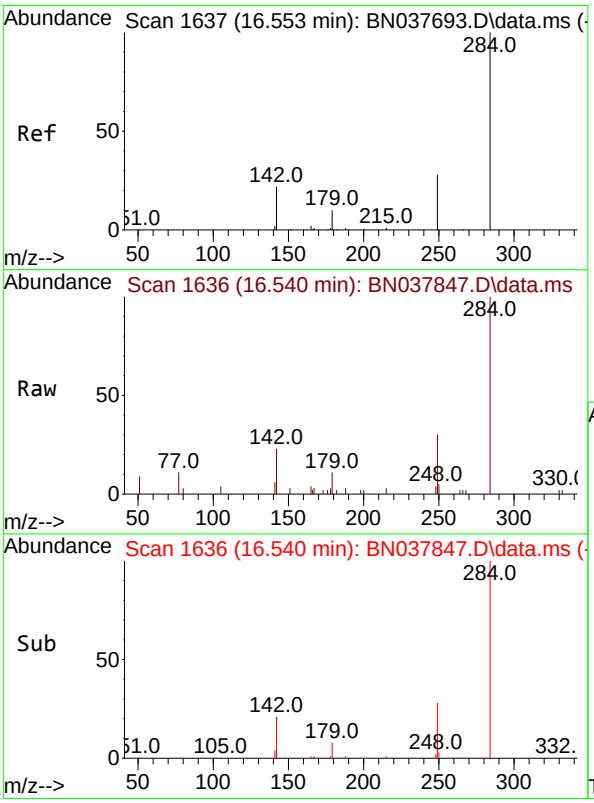
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.416 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 3095

Ion	Ratio	Lower	Upper
248	100		
250	93.9	81.5	122.3
141	84.3	30.8	46.2#

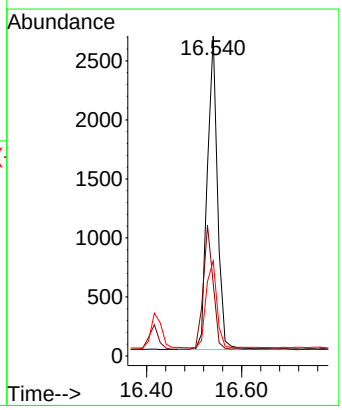


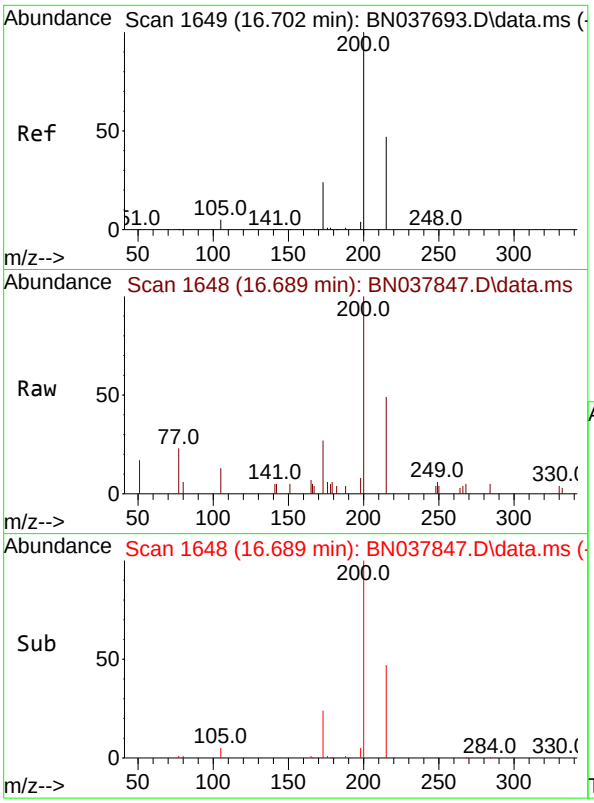


#22
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:284 Resp: 3993

Ion	Ratio	Lower	Upper
284	100		
142	38.4	30.9	46.3
249	28.9	24.8	37.2



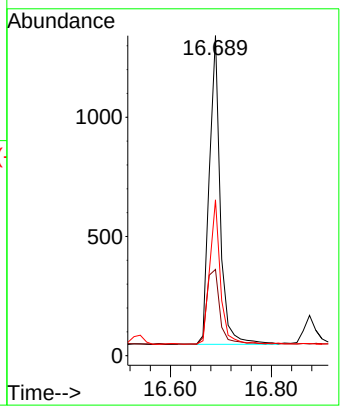


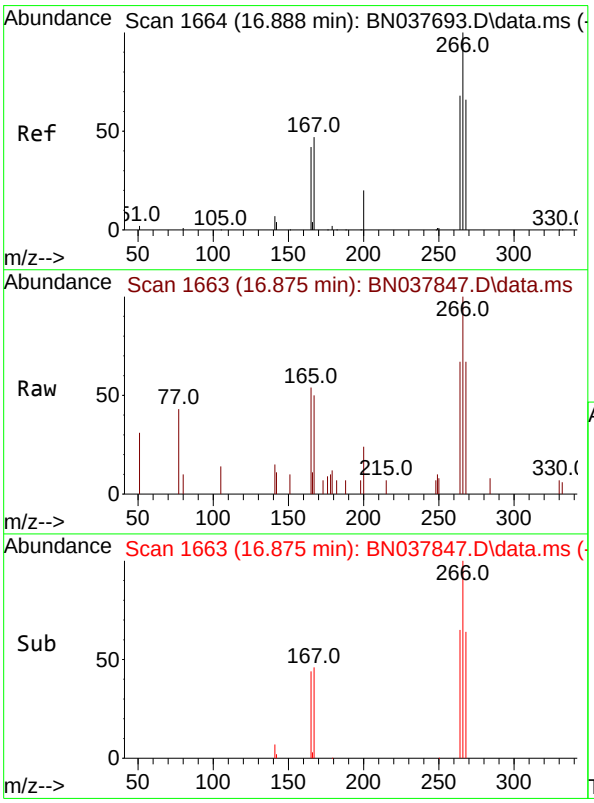
#23
Atrazine
Concen: 0.357 ng
RT: 16.689 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1936

Ion	Ratio	Lower	Upper
200	100		
173	27.0	21.4	32.2
215	48.7	39.2	58.8

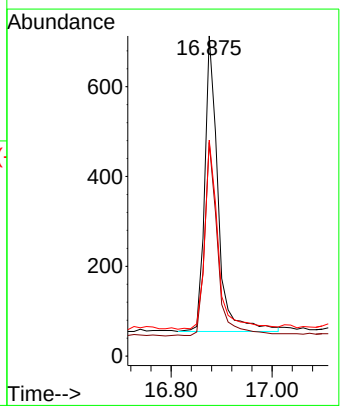


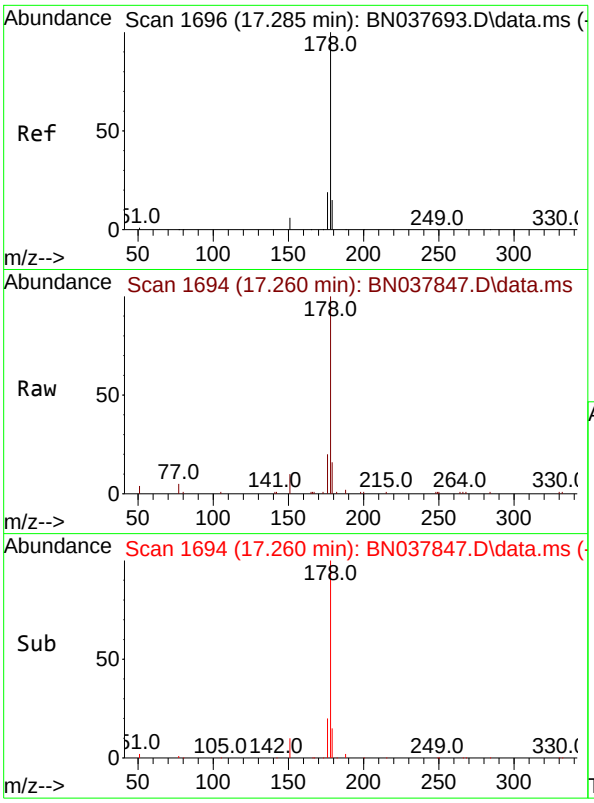


#24
Pentachlorophenol
Concen: 0.423 ng
RT: 16.875 min Scan# 1663
Delta R.T. -0.013 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:266 Resp: 1204

Ion	Ratio	Lower	Upper
266	100		
264	65.0	51.6	77.4
268	63.9	53.2	79.8



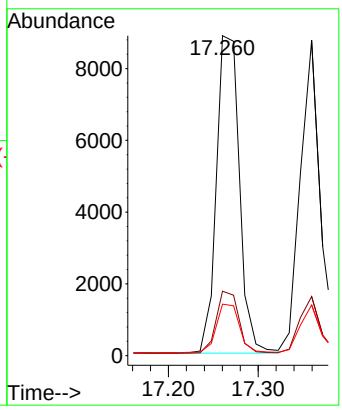


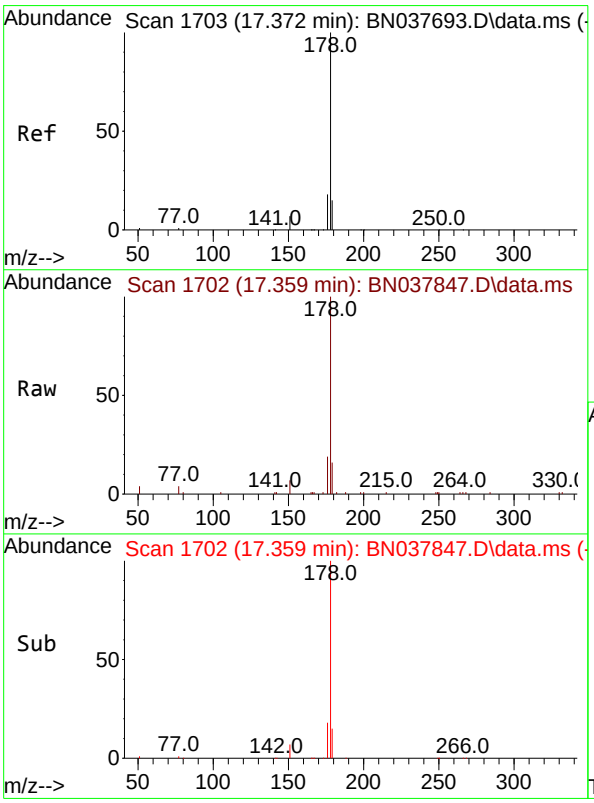
#25
Phenanthrene
Concen: 0.384 ng
RT: 17.260 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15813

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.7	12.2	18.2

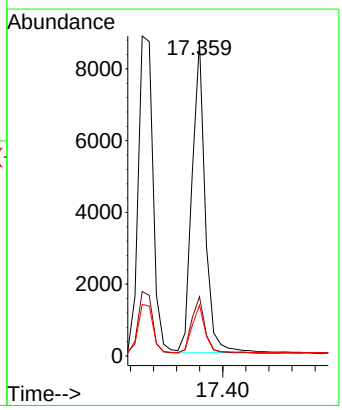


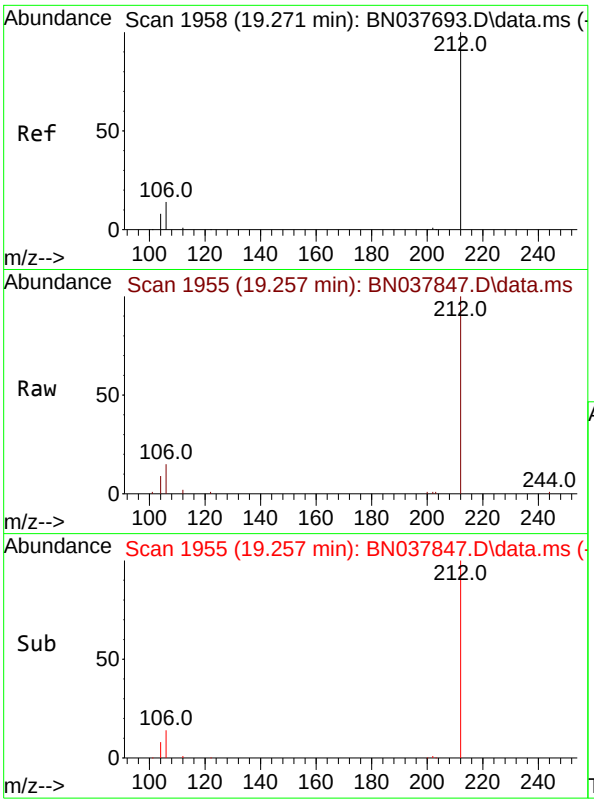


#26
Anthracene
Concen: 0.375 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:178 Resp: 13675

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.5	12.2	18.4



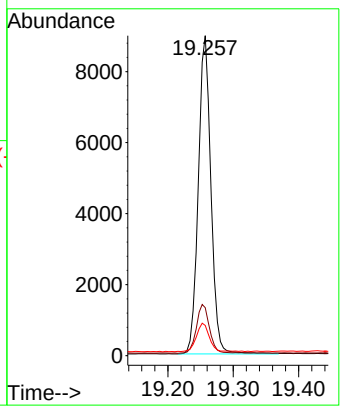


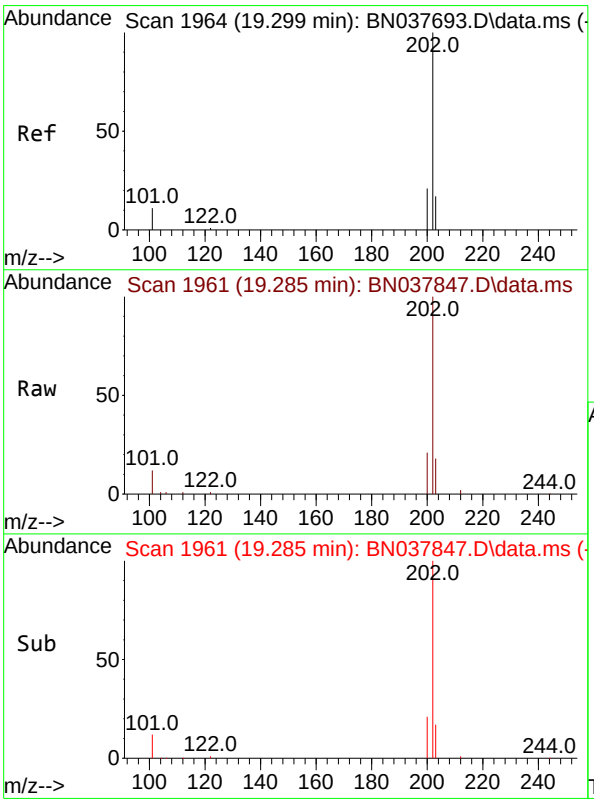
#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.257 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 11964

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.2	18.2
104	9.3	6.9	10.3

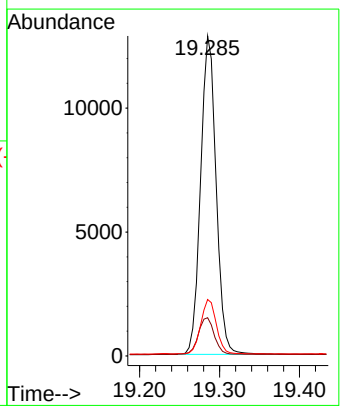


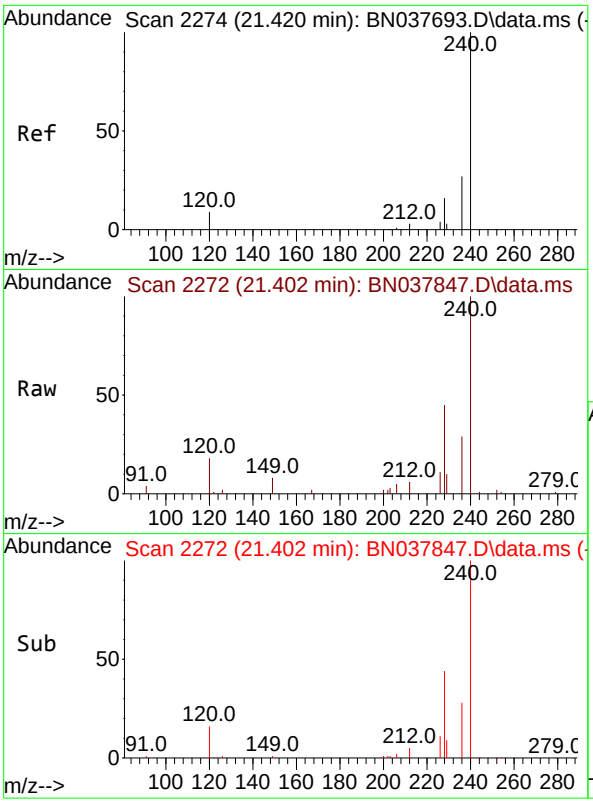


#28
Fluoranthene
Concen: 0.383 ng
RT: 19.285 min Scan# 1961
Delta R.T. -0.014 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:202 Resp: 17285

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
203	17.1	13.7	20.5



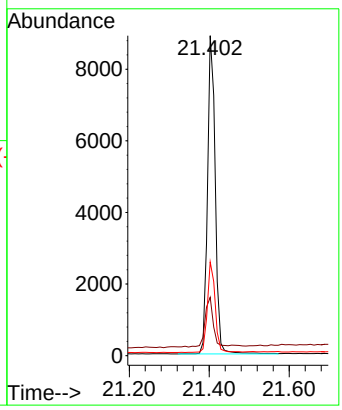


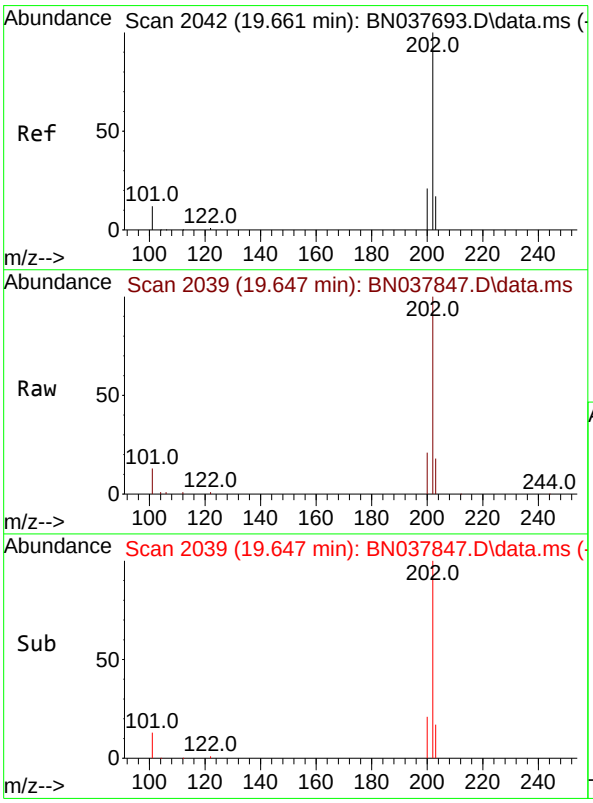
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 12006

Ion	Ratio	Lower	Upper
240	100		
120	18.3	9.2	13.8#
236	29.3	22.6	33.8

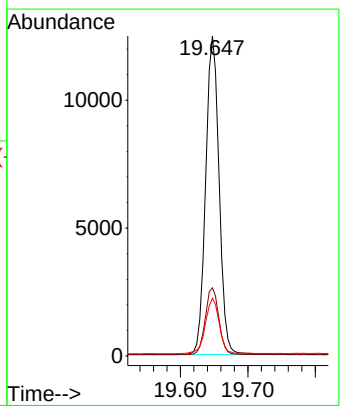


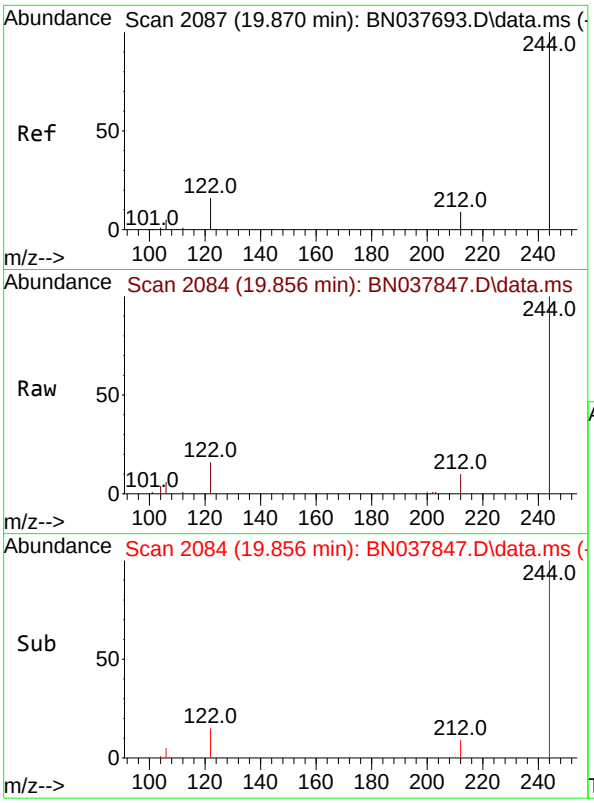


#30
Pyrene
Concen: 0.367 ng
RT: 19.647 min Scan# 2039
Delta R.T. -0.014 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:202 Resp: 17226

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.9	14.3	21.5



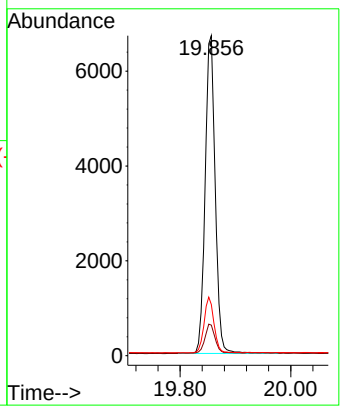


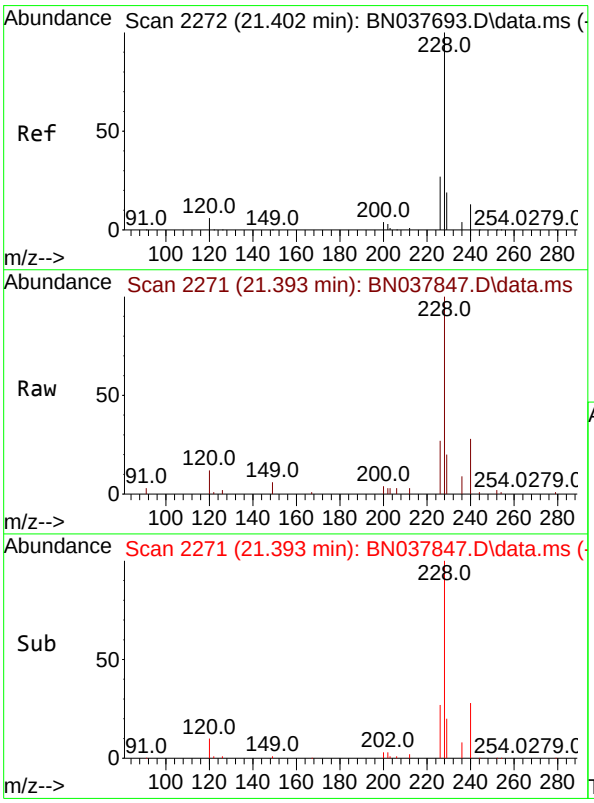
#31
Terphenyl-d14
Concen: 0.348 ng
RT: 19.856 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8481

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	16.0	13.2	19.8

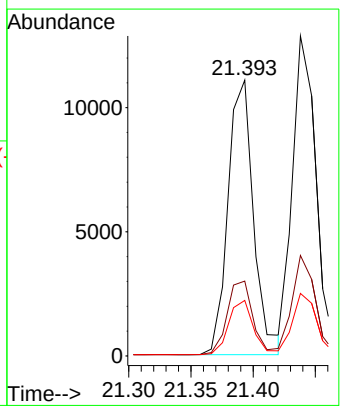


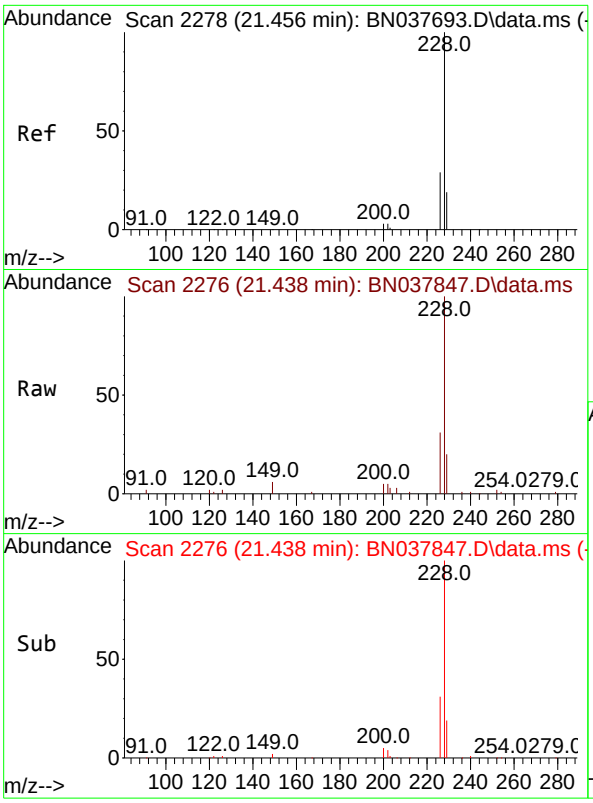


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:228 Resp: 15817

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.1	15.8	23.6



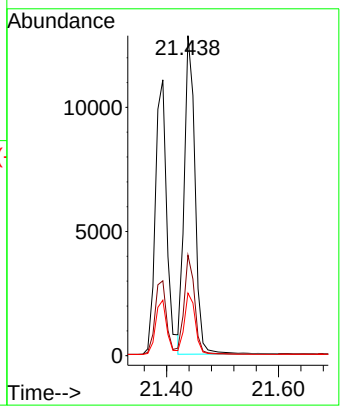


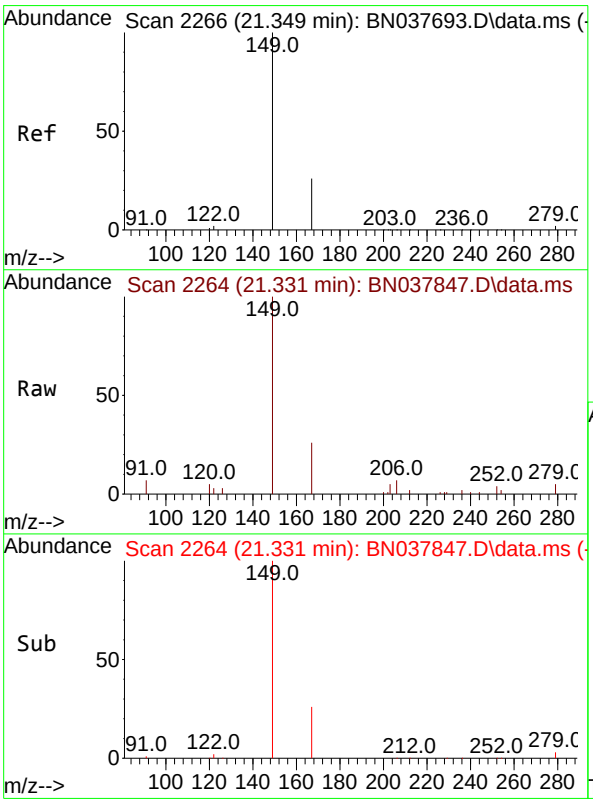
#33
Chrysene
Concen: 0.381 ng
RT: 21.438 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17106

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.5	35.3
229	19.5	15.9	23.9

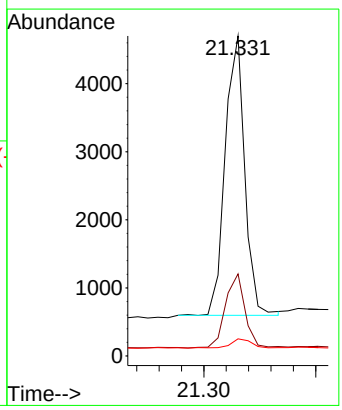


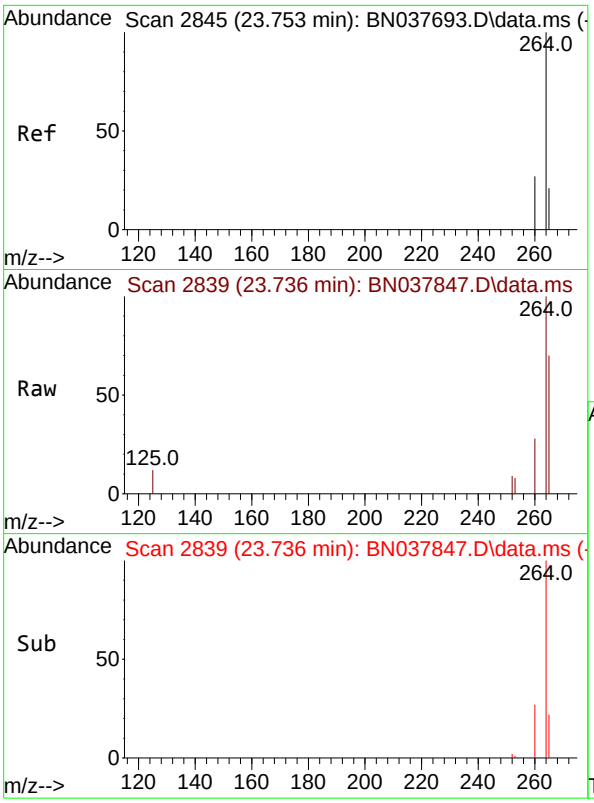


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.402 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:149 Resp: 4990

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.8	31.2
279	3.7	3.3	4.9



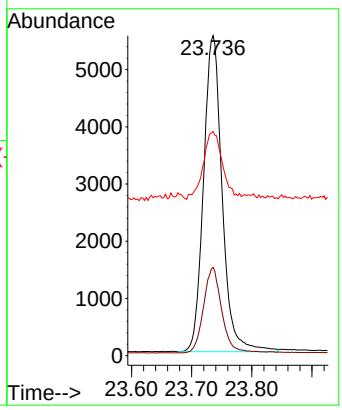


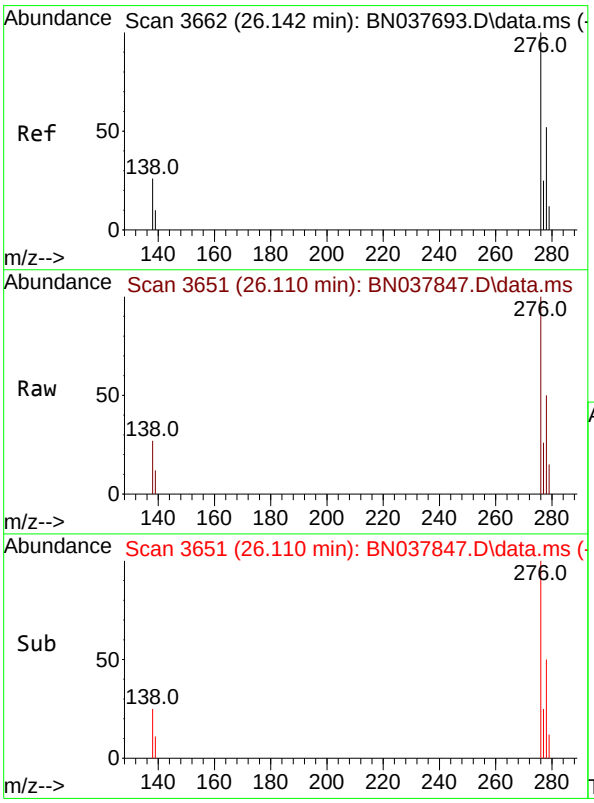
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.736 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 11862

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	70.1	39.4	59.2#

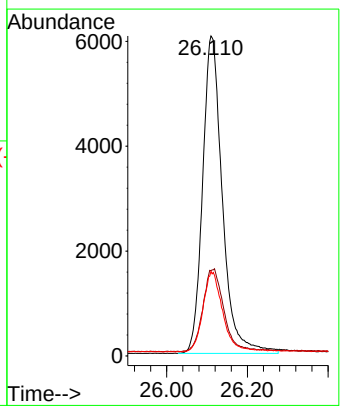


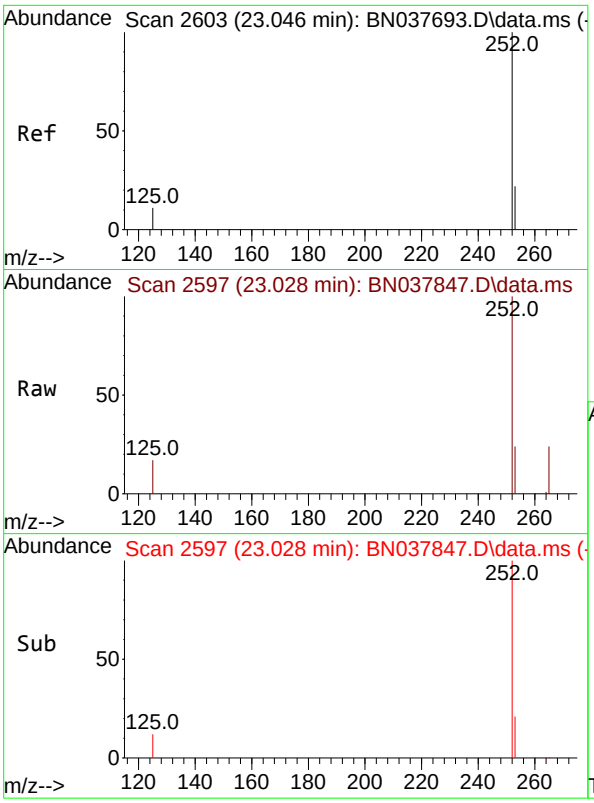


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 26.110 min Scan# 3651
Delta R.T. -0.032 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:276 Resp: 20571

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.9	32.9
277	25.0	20.1	30.1



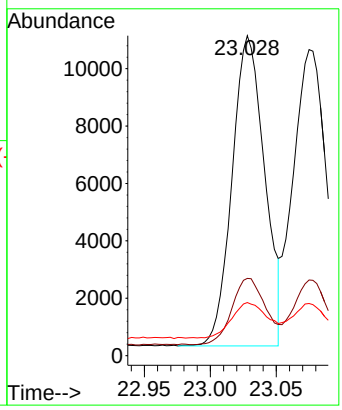


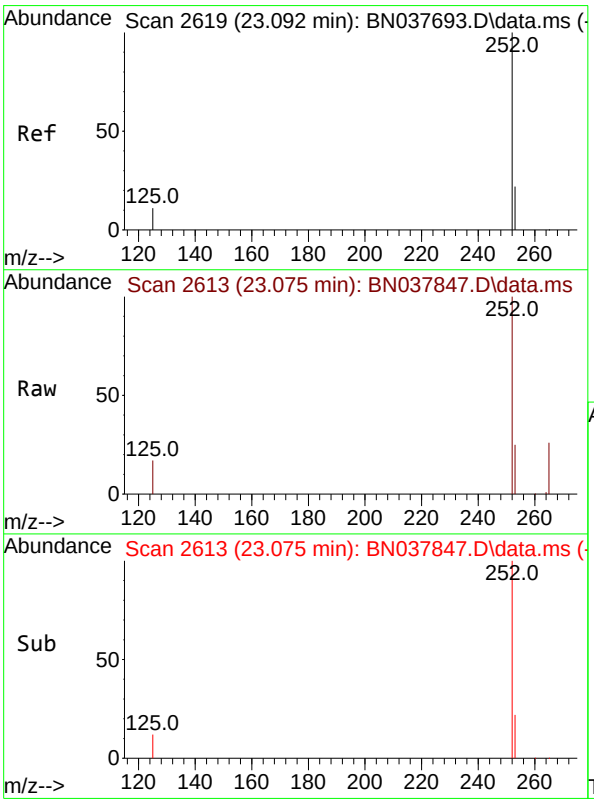
#37
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.028 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18556

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	16.6	11.2	16.8

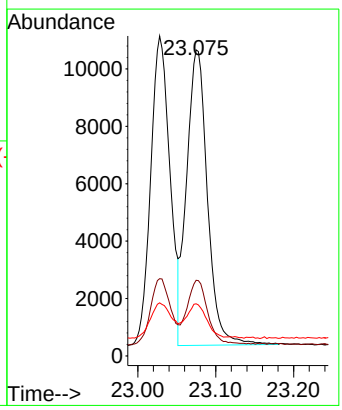


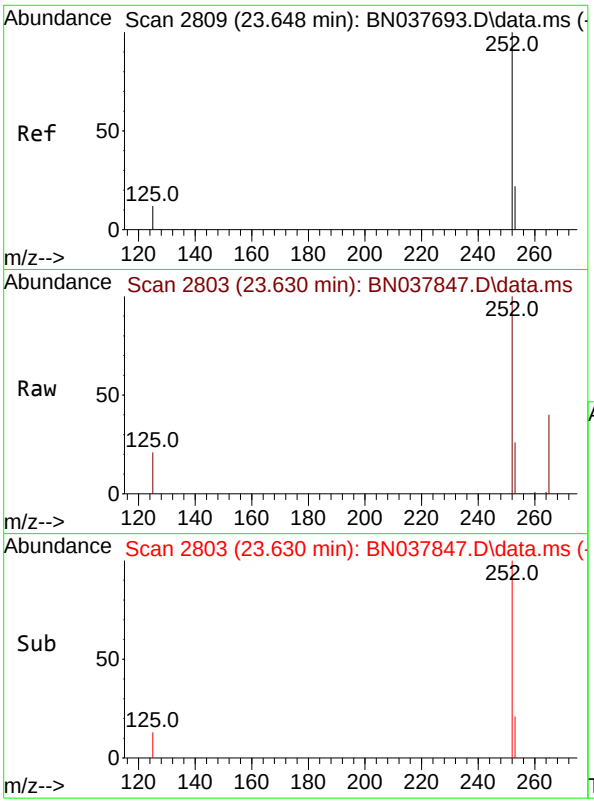


#38
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.075 min Scan# 2613
Delta R.T. -0.018 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:252 Resp: 19102

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.0
125	17.0	11.6	17.4



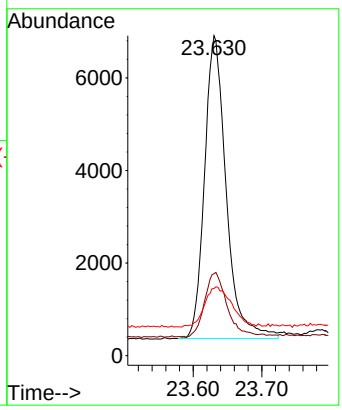


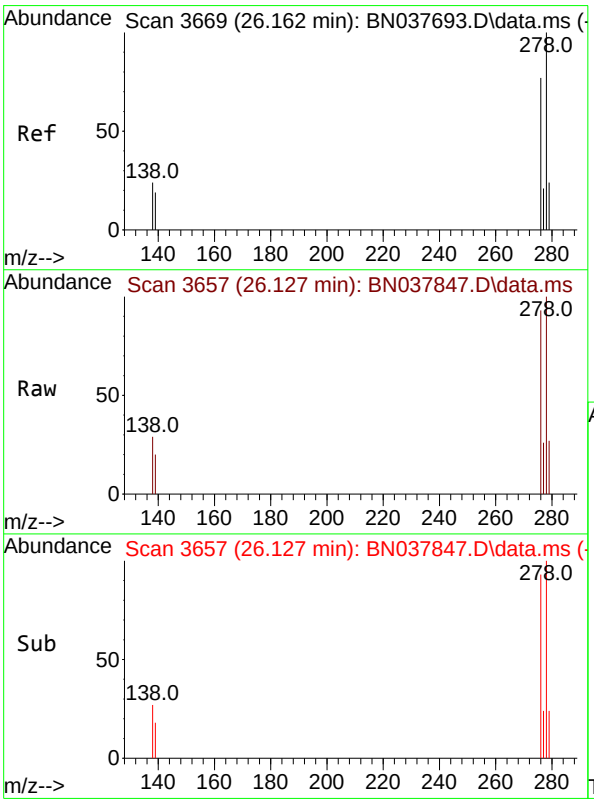
#39
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.630 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14379

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.8	31.2
125	21.0	13.9	20.9#

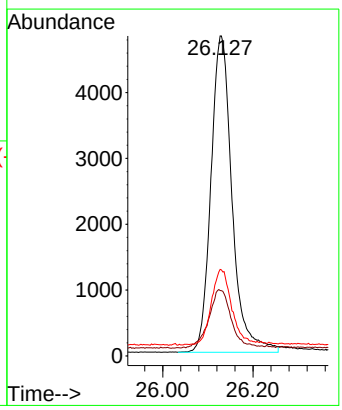


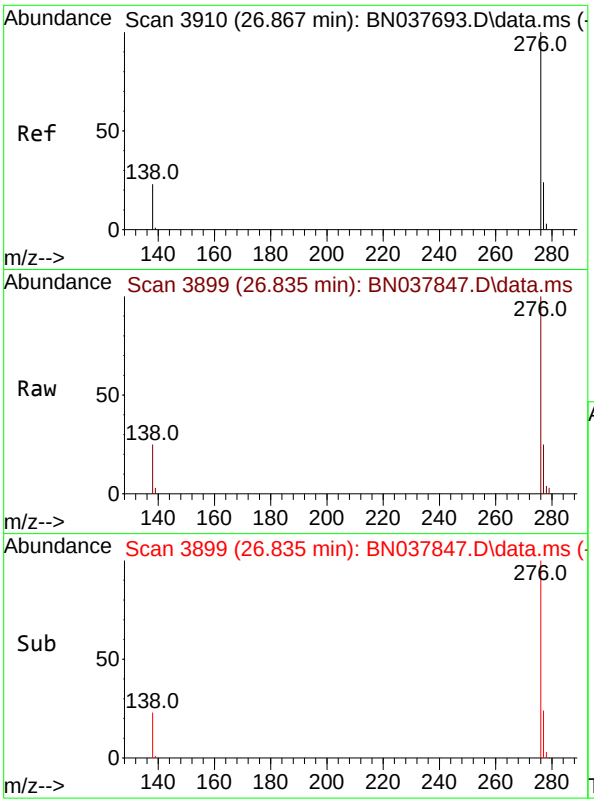


#40
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 26.127 min Scan# 3657
Delta R.T. -0.035 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Tgt Ion:278 Resp: 15603

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.8	26.6
279	27.0	22.0	33.0





#41
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.835 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN037847.D
Acq: 20 Sep 2025 11:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 17395

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.6	31.0
138	24.6	20.2	30.2