Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	2144	0.400	ng		0.00
7) Naphthalene-d8	10.361	136	5670	0.400	ng		#-0.01
13) Acenaphthene-d10	14.234	164	2991	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5389	0.400	ng		0.00
29) Chrysene-d12	21.188	240	3448	0.400	ng		0.00
35) Perylene-d12	23.380	264	3177	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	842	0.159	ng		0.00
5) Phenol-d6	6.766	99	649	0.101	ng		0.00
8) Nitrobenzene-d5	8.739	82	1888	0.316	ng		0.00
11) 2-Methylnaphthalene-d10	11.965	152	2689	0.341	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	466	0.387	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	4371	0.343	ng		0.00
27) Fluoranthene-d10	19.026	212	5042	0.368	ng		0.00
31) Terphenyl-d14	19.630	244	3837	0.473	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.111	88	8692	3.041	ng		94
3) n-Nitrosodimethylamine	3.429	42	693	0.121	ng	#	80
6) bis(2-Chloroethyl)ether	7.019	93	2028	0.331	ng		96
9) Naphthalene	10.415	128	5151	0.315	ng		99
10) Hexachlorobutadiene	10.703	225	918	0.258	ng	#	100
12) 2-Methylnaphthalene	12.036	142	3206	0.306	ng		98
16) Acenaphthylene	13.956	152	5430	0.370	ng		100
17) Acenaphthene	14.299	154	3253	0.342	ng		99
18) Fluorene	15.293	166	4617	0.369	ng		98
20) 4,6-Dinitro-2-methylph...	15.378	198	513	0.599	ng	#	58
21) 4-Bromophenyl-phenylether	16.189	248	1414	0.400	ng	#	83
22) Hexachlorobenzene	16.301	284	1382	0.363	ng		99
23) Atrazine	16.462	200	1269	0.435	ng	#	91
24) Pentachlorophenol	16.636	266	1565	0.901	ng		98
25) Phenanthrene	17.021	178	7297	0.418	ng		99
26) Anthracene	17.120	178	6246	0.392	ng		98
28) Fluoranthene	19.054	202	7085	0.367	ng	#	97
30) Pyrene	19.416	202	7143	0.424	ng		99
32) Benzo(a)anthracene	21.171	228	5416	0.434	ng		99
33) Chrysene	21.224	228	5649	0.407	ng		100
34) Bis(2-ethylhexyl)phtha...	21.117	149	3531	0.448	ng		99
36) Indeno(1,2,3-cd)pyrene	25.576	276	5130	0.406	ng		99
37) Benzo(b)fluoranthene	22.766	252	4787	0.373	ng		94
38) Benzo(k)fluoranthene	22.766	252	4787	0.366	ng		94
39) Benzo(a)pyrene	23.284	252	4119	0.383	ng		93
40) Dibenzo(a,h)anthracene	25.590	278	4003	0.411	ng		100
41) Benzo(g,h,i)perylene	26.245	276	4218	0.377	ng		99

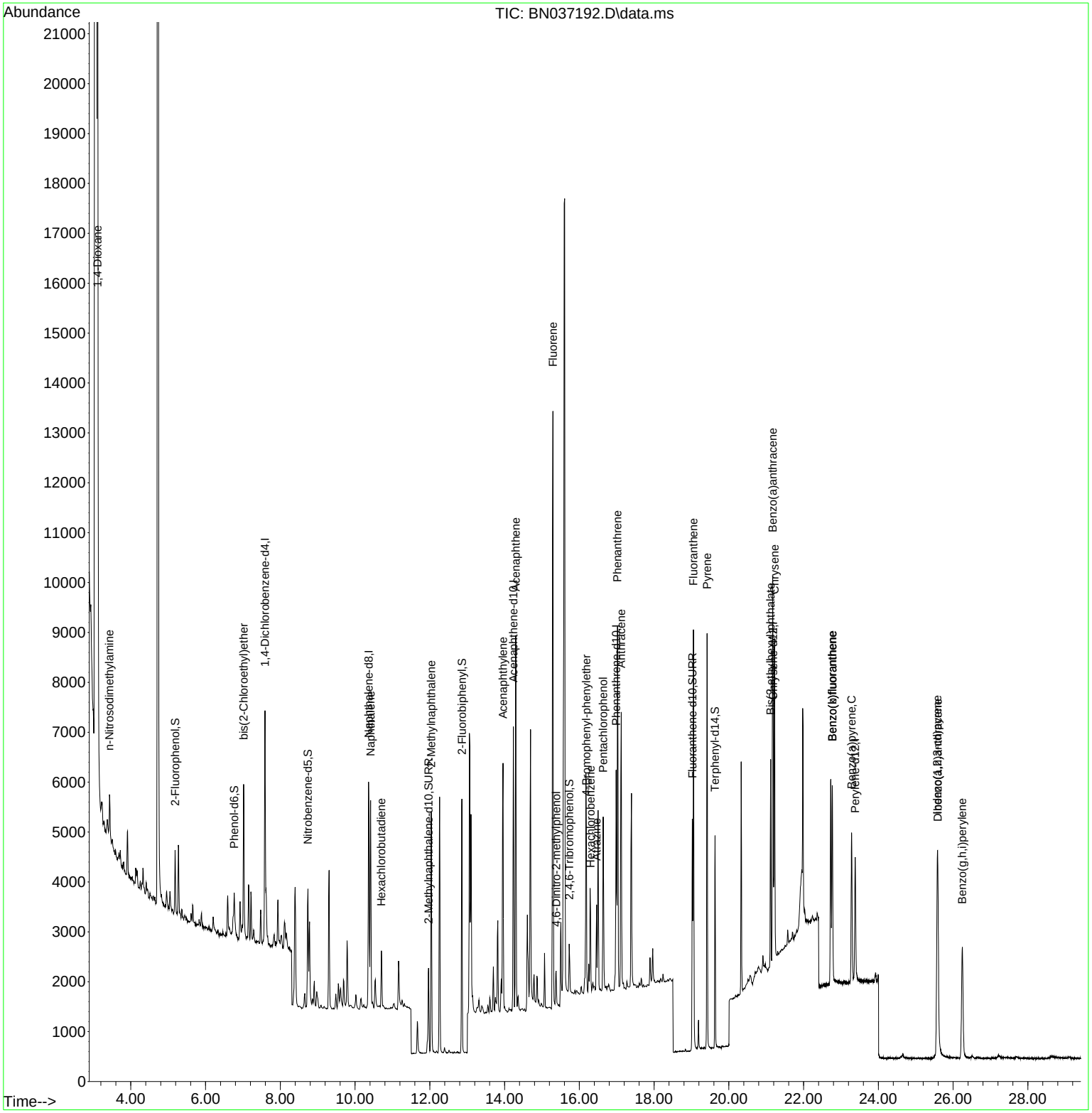
(#) = qualifier out of range (m) = manual integration (+) = signals summed

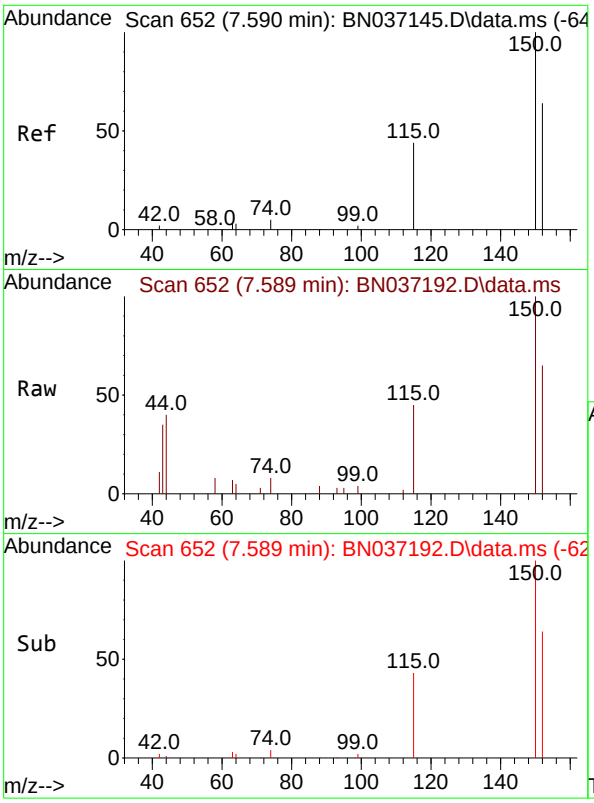
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



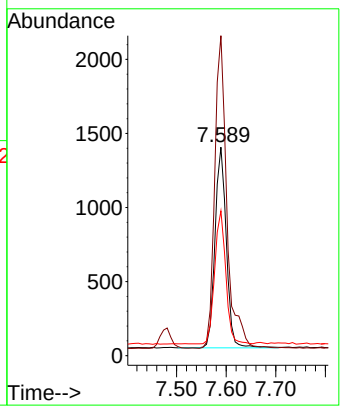


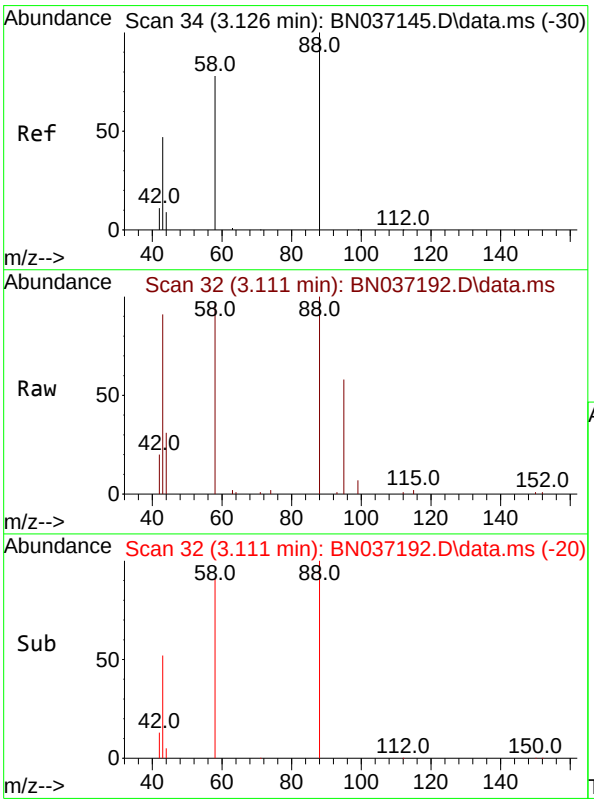
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2144

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.2	184.8
115	69.4	56.6	85.0

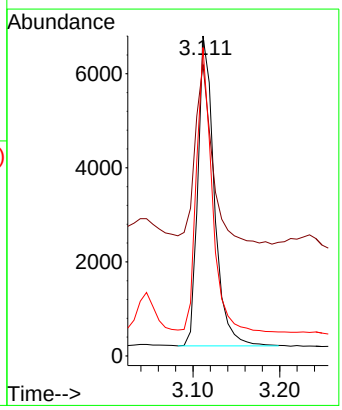


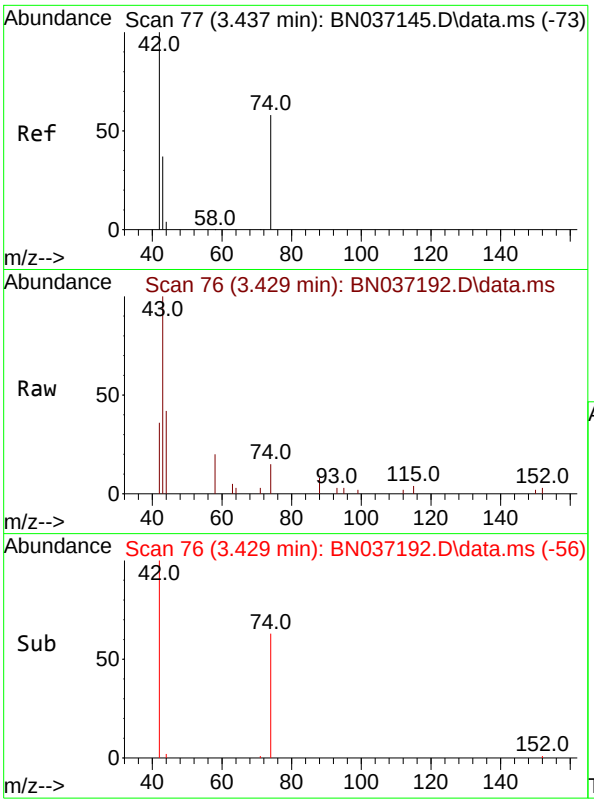


#2
1,4-Dioxane
Concen: 3.041 ng
RT: 3.111 min Scan# 32
Delta R.T. -0.015 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion: 88 Resp: 8692

Ion	Ratio	Lower	Upper
88	100		
43	62.0	43.5	65.3
58	87.9	67.7	101.5



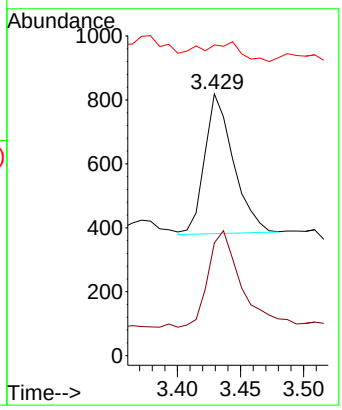


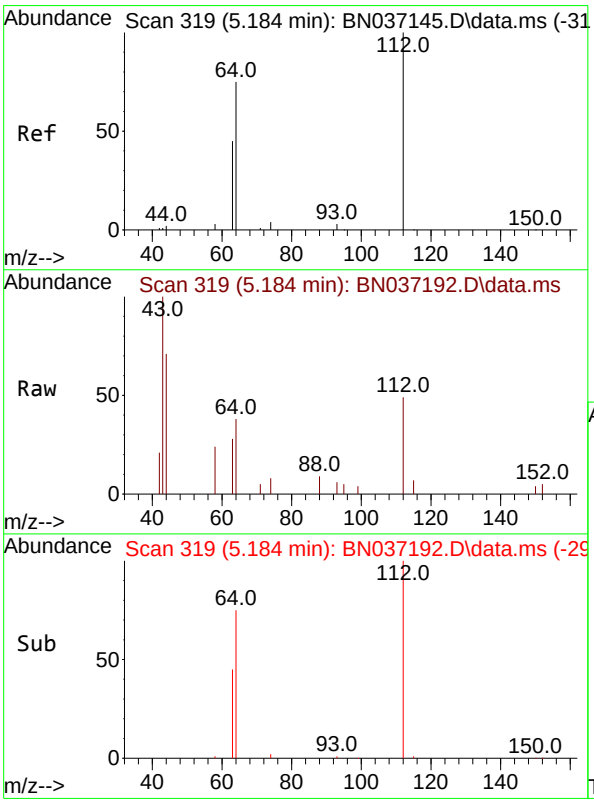
#3
n-Nitrosodimethylamine
Concen: 0.121 ng
RT: 3.429 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 693

Ion	Ratio	Lower	Upper
42	100		
74	81.1	53.0	79.4#
44	19.9	5.9	8.9#

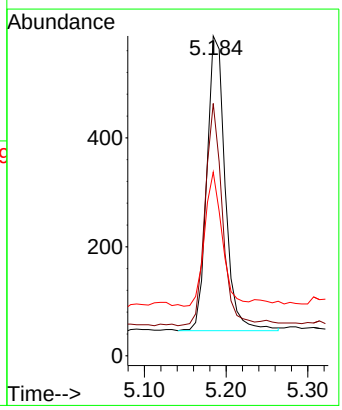


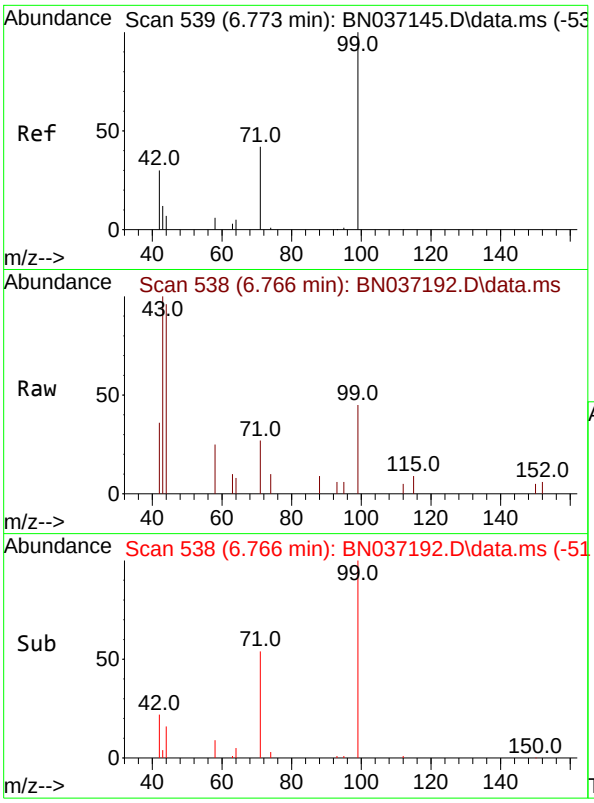


#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:112 Resp: 842

Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.3	84.5
63	44.7	36.2	54.4



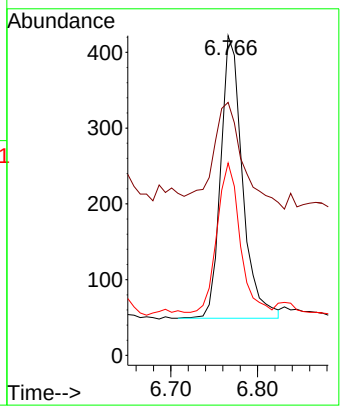


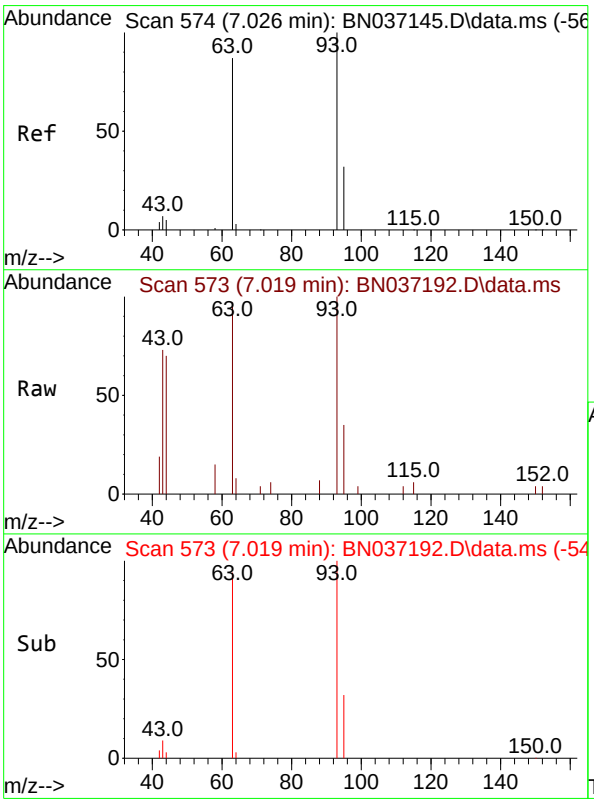
#5
Phenol-d6
Concen: 0.101 ng
RT: 6.766 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 649

Ion	Ratio	Lower	Upper
99	100		
42	53.5	31.3	46.9#
71	57.5	38.2	57.2#

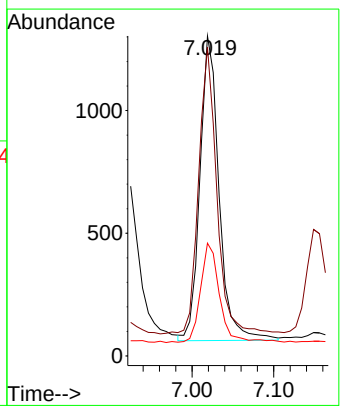


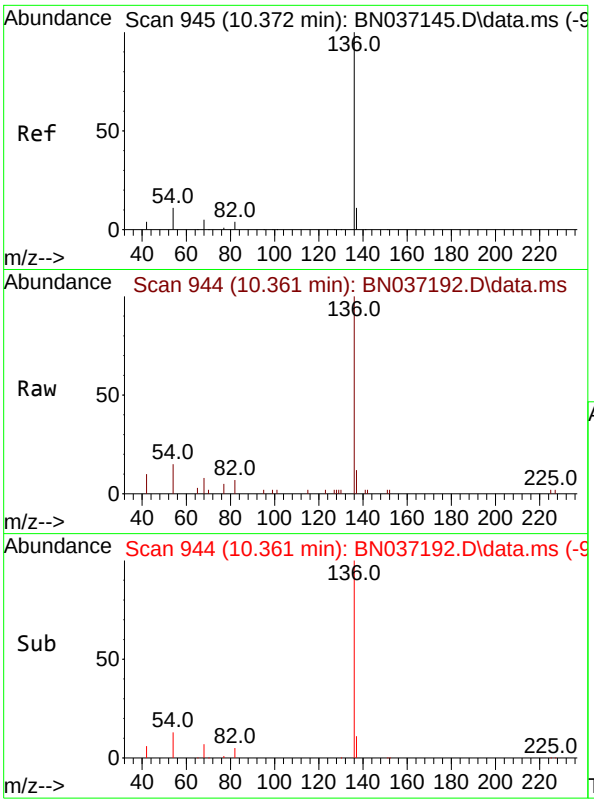


#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 7.019 min Scan# 573
Delta R.T. -0.007 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion: 93 Resp: 2028

Ion	Ratio	Lower	Upper
93	100		
63	89.6	68.6	103.0
95	32.3	24.3	36.5



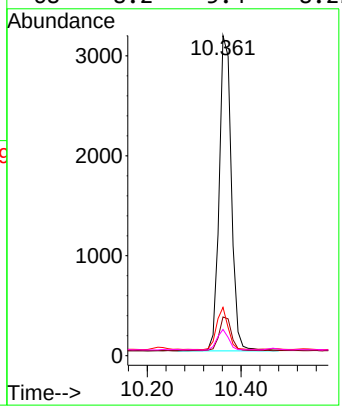


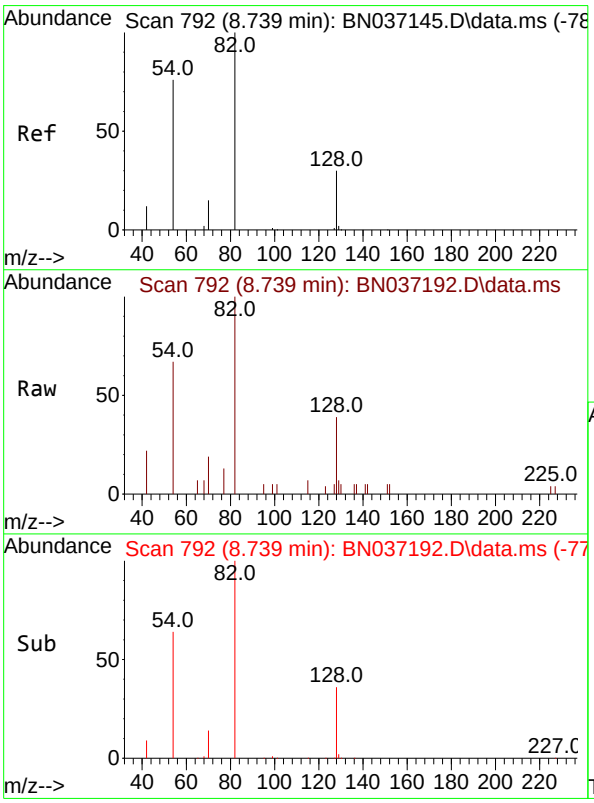
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5670

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	15.1	9.7	14.5#
68	8.2	5.4	8.2#

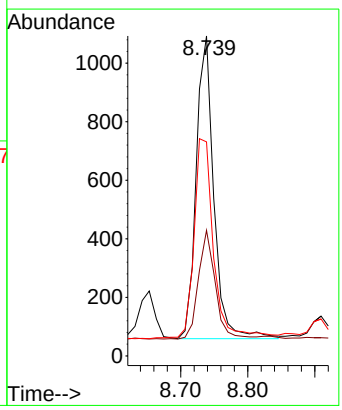


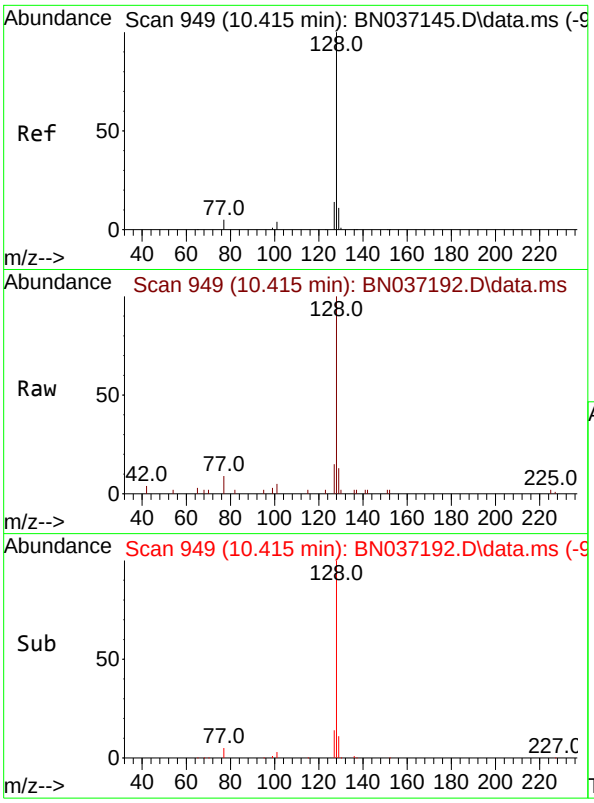


#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion: 82 Resp: 1888

Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.9	40.3
54	66.9	61.4	92.2



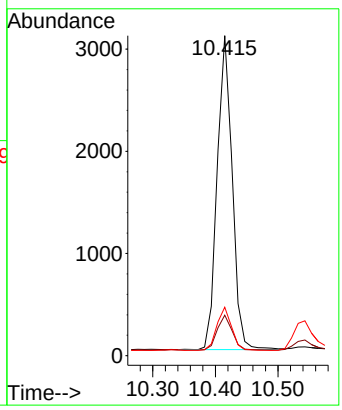


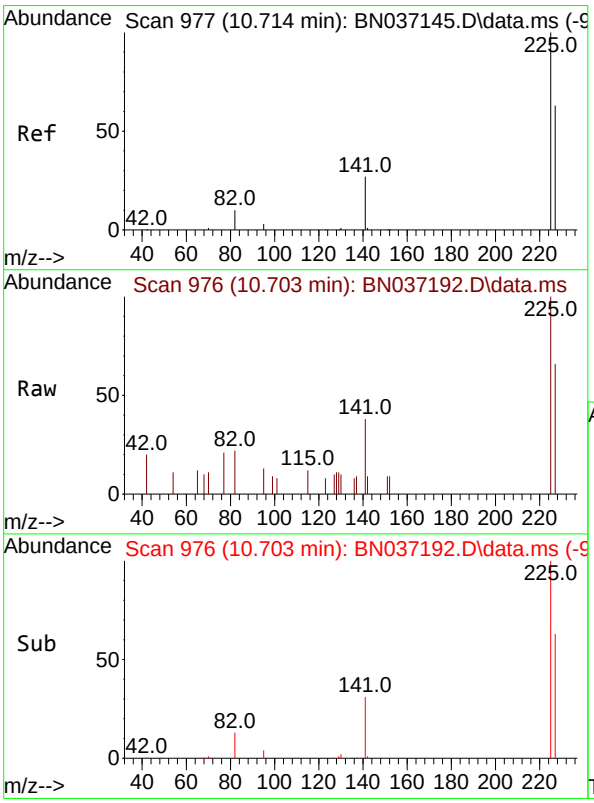
#9
Naphthalene
Concen: 0.315 ng
RT: 10.415 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5151

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.8	14.8
127	15.1	12.3	18.5

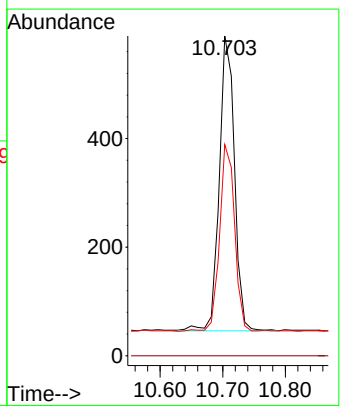


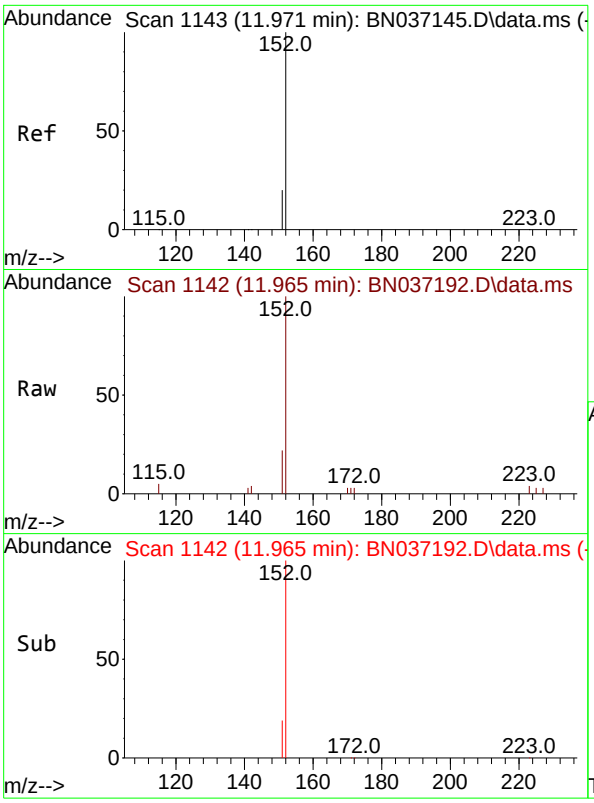


#10
Hexachlorobutadiene
Concen: 0.258 ng
RT: 10.703 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:225 Resp: 918

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	50.3	75.5



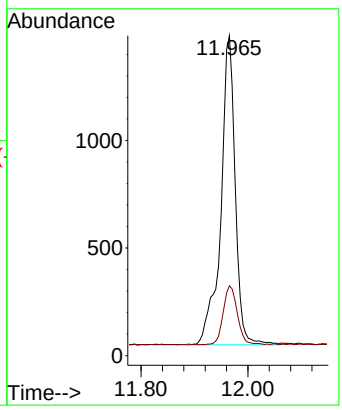


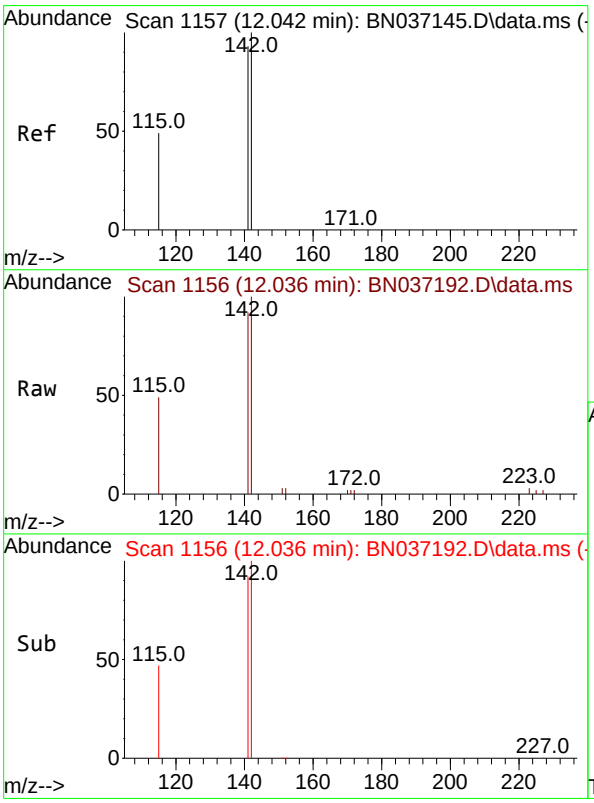
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.965 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2689

Ion	Ratio	Lower	Upper
152	100		
151	18.6	17.1	25.7

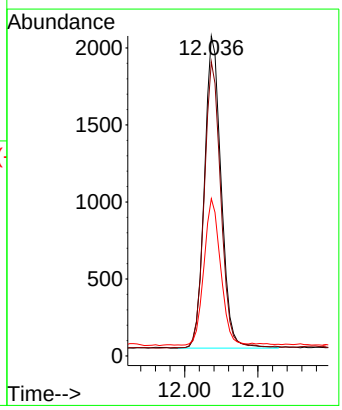


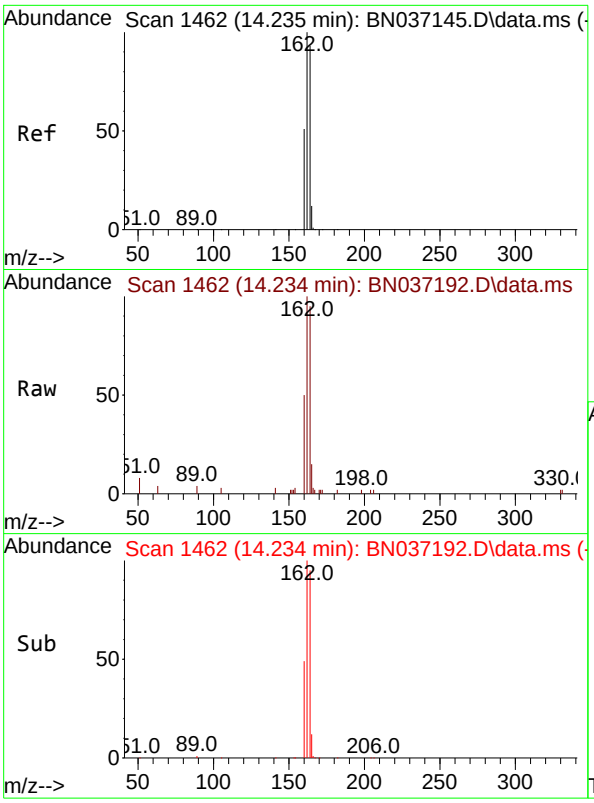


#12
2-Methylnaphthalene
Concen: 0.306 ng
RT: 12.036 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:142 Resp: 3206

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.6	111.8
115	49.2	41.0	61.4



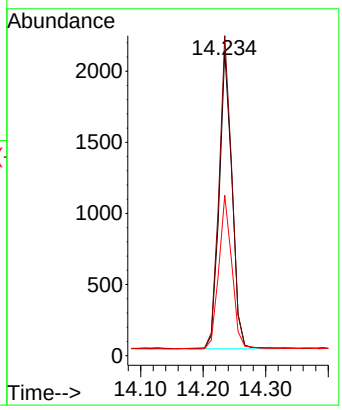


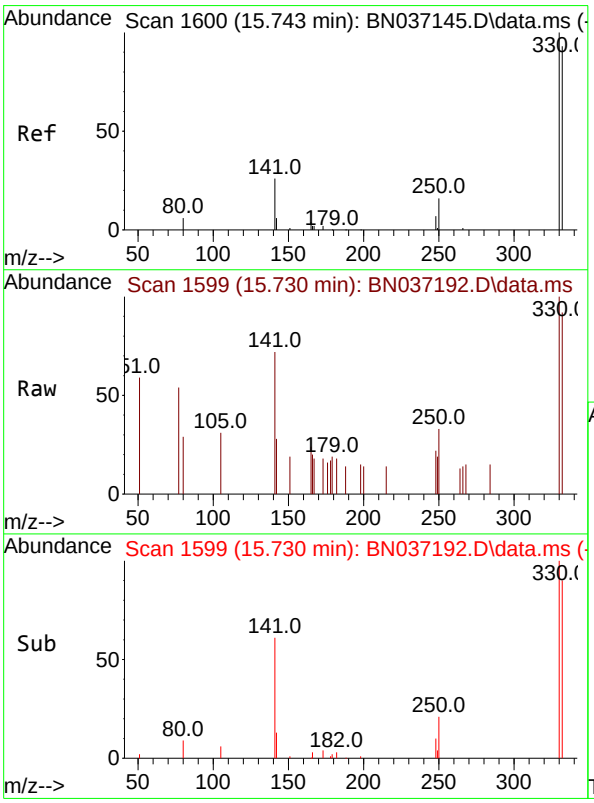
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2991

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.5	128.3
160	52.6	44.6	67.0

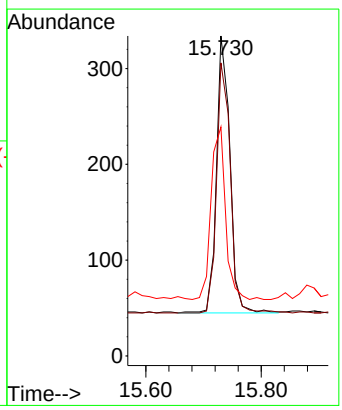


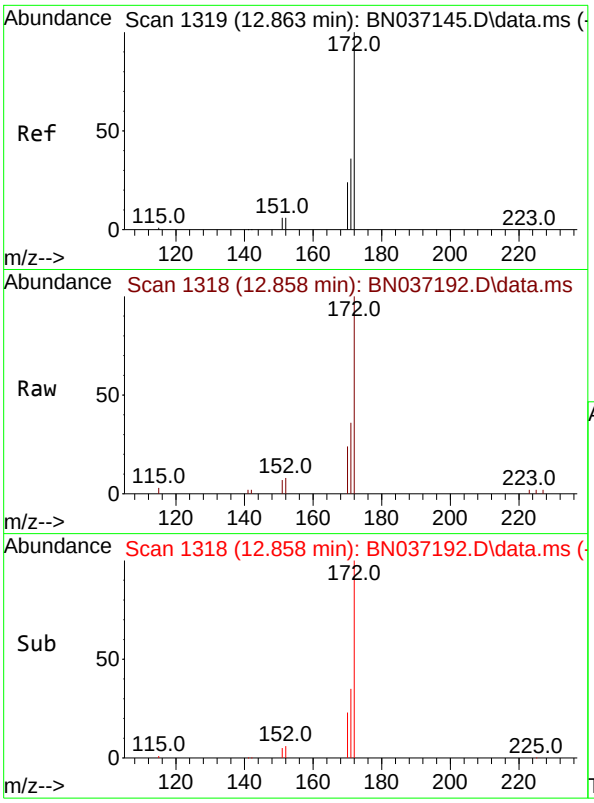


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:330 Resp: 466

Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.1	115.7
141	66.7	46.4	69.6



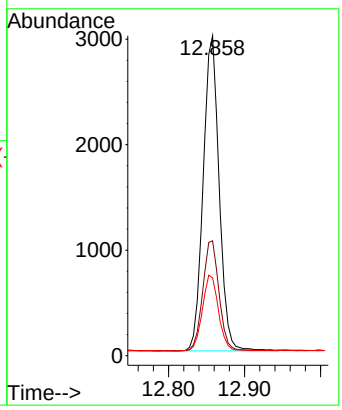


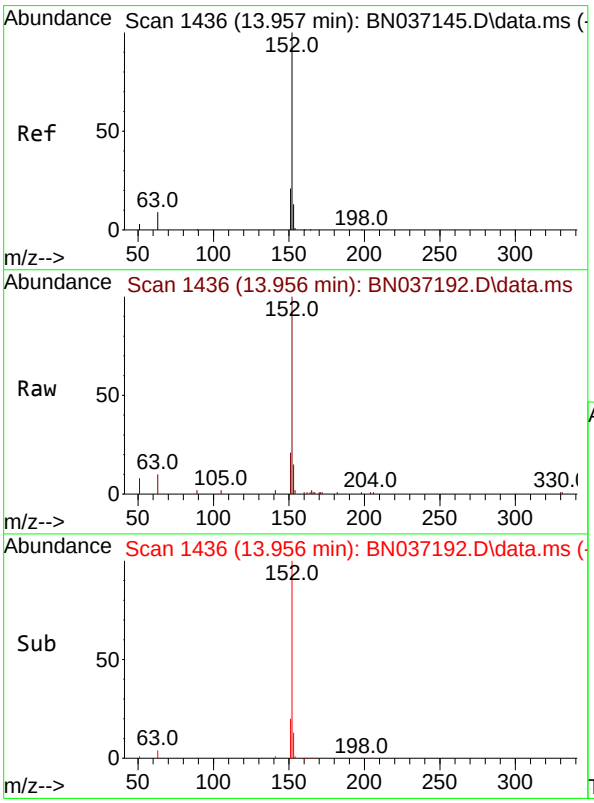
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4371

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	20.3	30.5

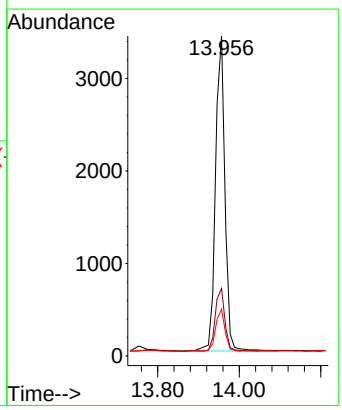


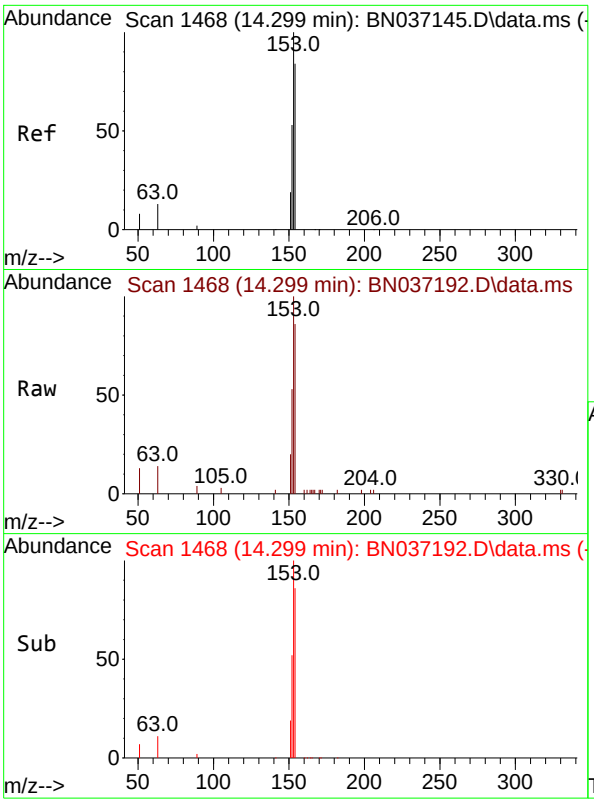


#16
Acenaphthylene
Concen: 0.370 ng
RT: 13.956 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:152 Resp: 5430

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.2	10.6	15.8



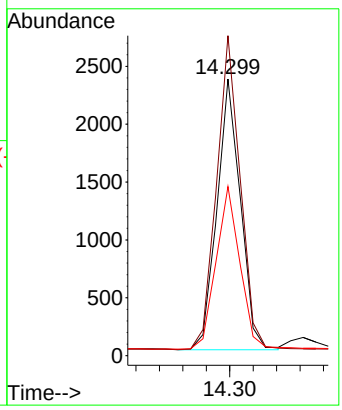


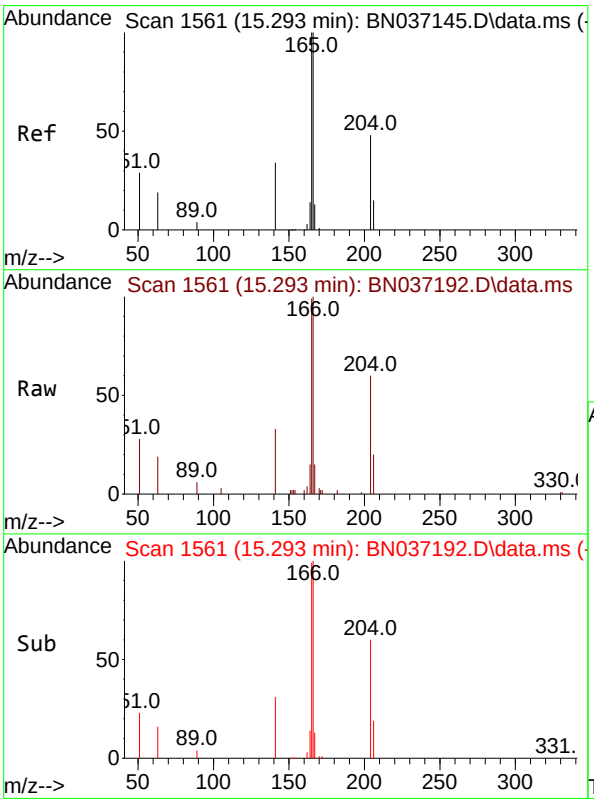
#17
Acenaphthene
Concen: 0.342 ng
RT: 14.299 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3253

Ion	Ratio	Lower	Upper
154	100		
153	116.9	93.8	140.8
152	61.8	50.5	75.7

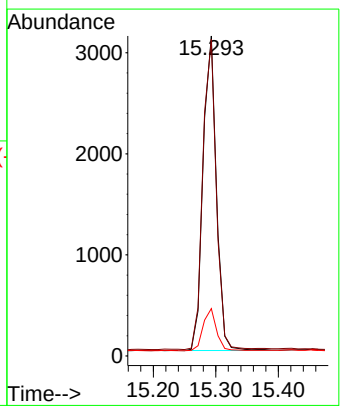


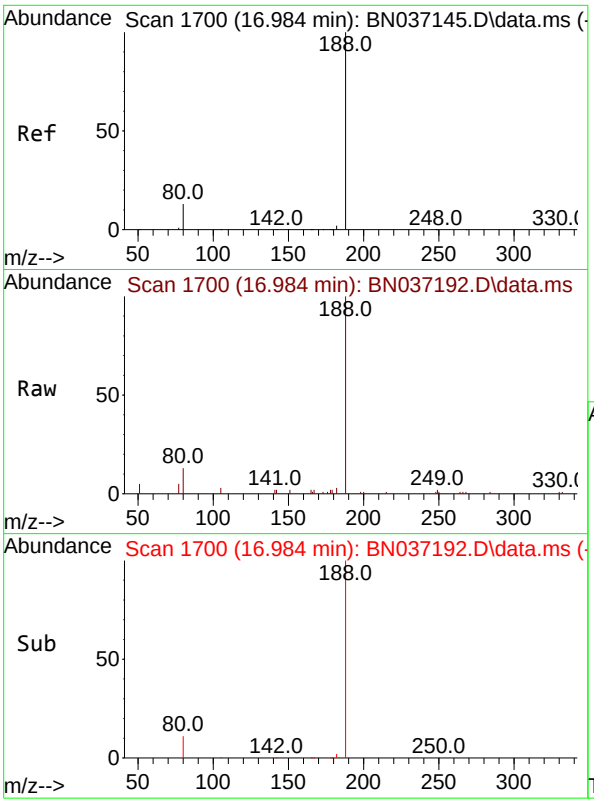


#18
Fluorene
Concen: 0.369 ng
RT: 15.293 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:166 Resp: 4617

Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.1	121.7
167	13.4	10.8	16.2



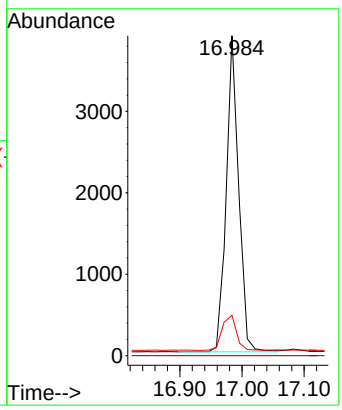


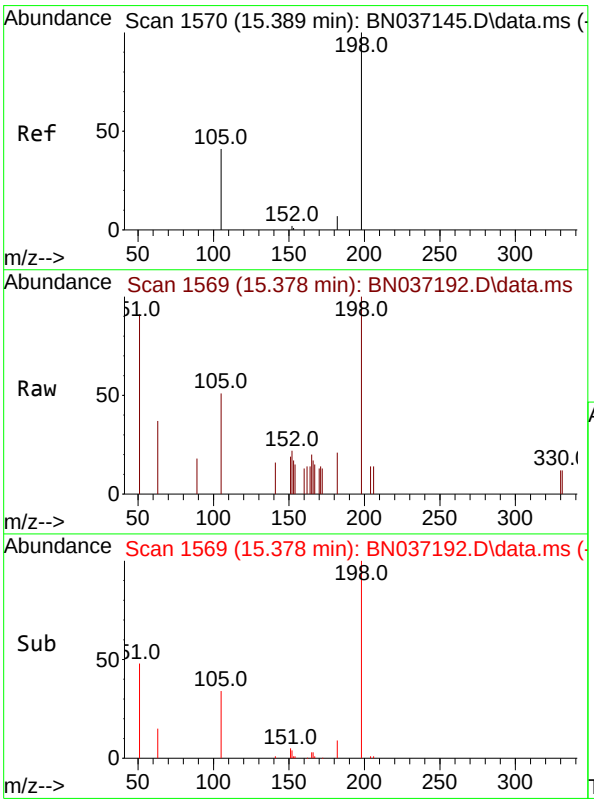
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5389

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	11.3	16.9

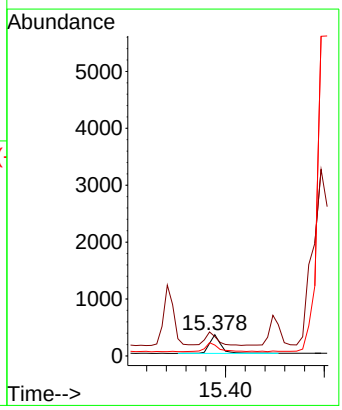


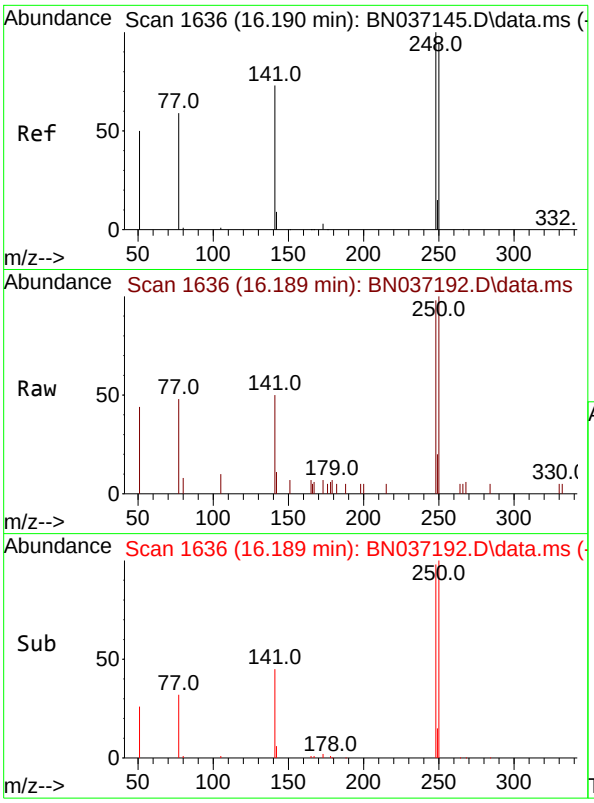


#20
4,6-Dinitro-2-methylphenol
Concen: 0.599 ng
RT: 15.378 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:198 Resp: 513

Ion	Ratio	Lower	Upper
198	100		
51	90.7	125.2	187.8#
105	50.9	57.1	85.7#



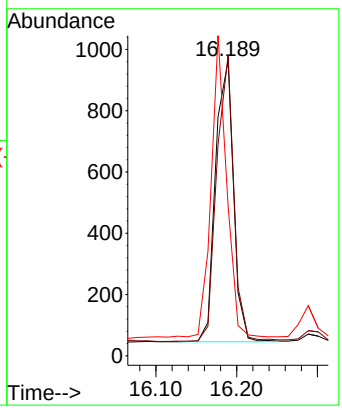


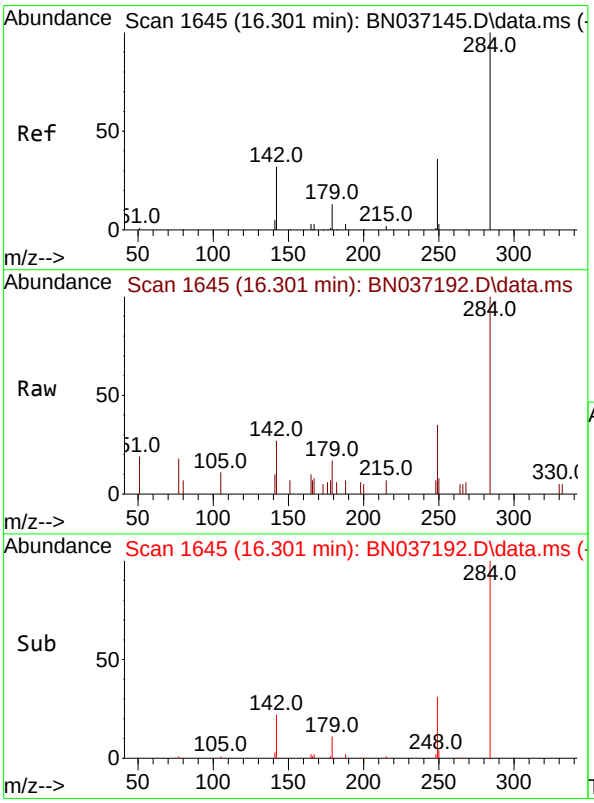
#21
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.189 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1414

Ion	Ratio	Lower	Upper
248	100		
250	101.9	76.1	114.1
141	50.6	60.1	90.1#

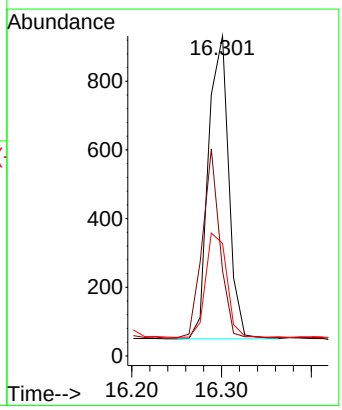


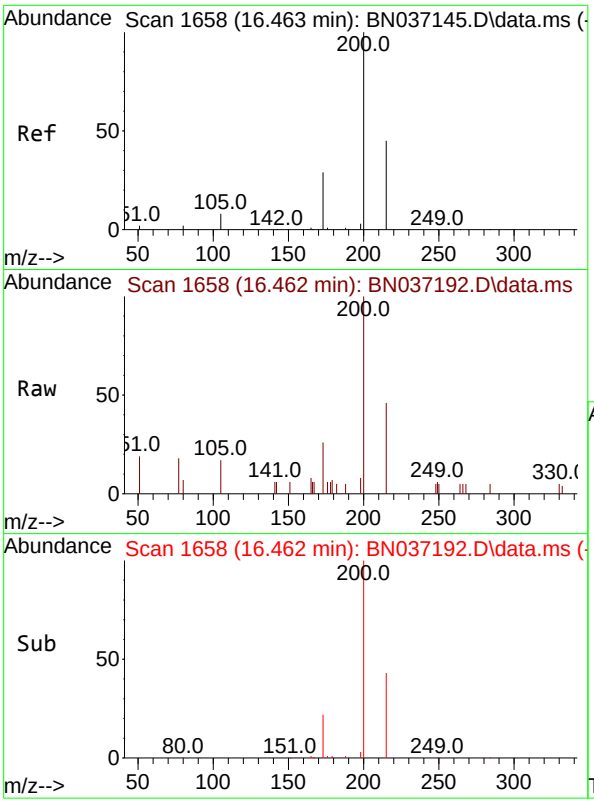


#22
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.301 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:284 Resp: 1382

Ion	Ratio	Lower	Upper
284	100		
142	54.3	44.0	66.0
249	35.8	29.7	44.5



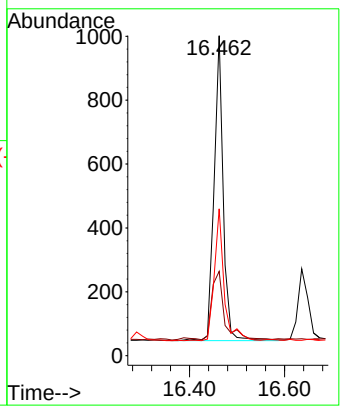


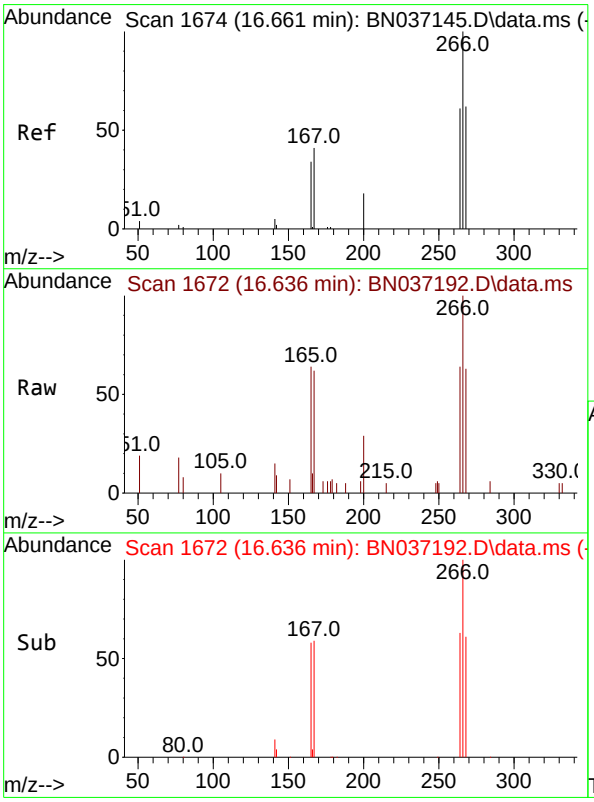
#23
Atrazine
Concen: 0.435 ng
RT: 16.462 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1269

Ion	Ratio	Lower	Upper
200	100		
173	26.3	28.1	42.1#
215	45.9	39.3	58.9

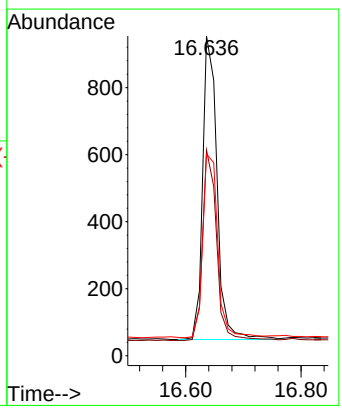


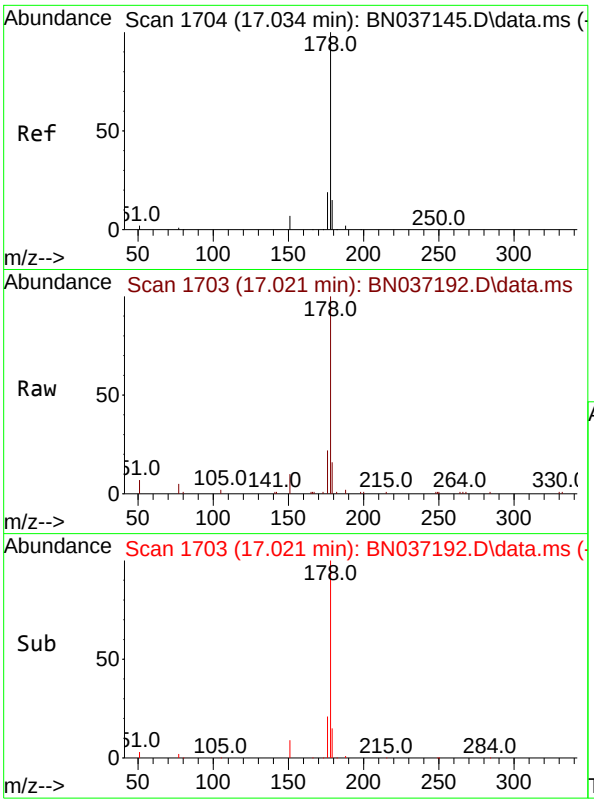


#24
Pentachlorophenol
Concen: 0.901 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:266 Resp: 1565

Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.3	73.9
268	63.3	49.0	73.4



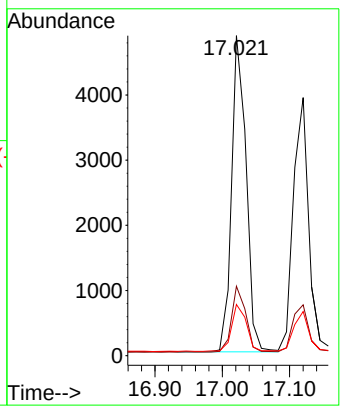


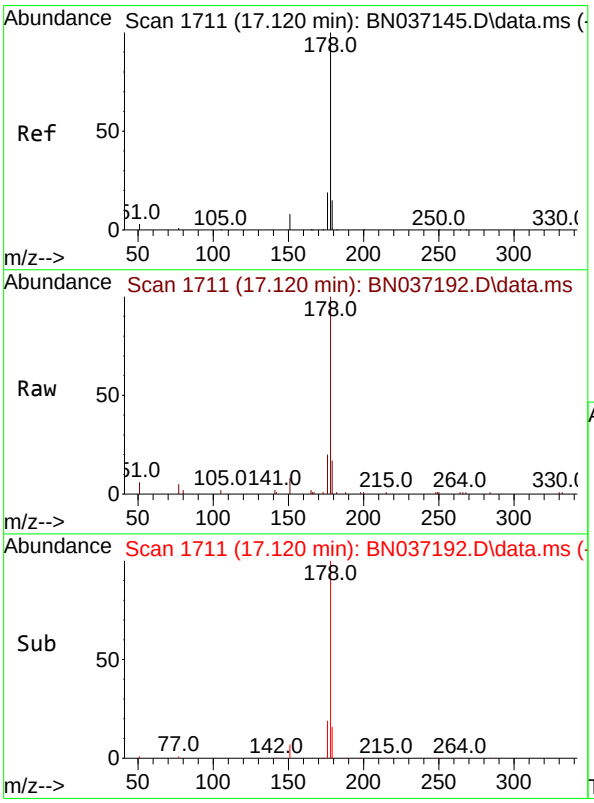
#25
Phenanthrene
Concen: 0.418 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7297

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	15.2	12.3	18.5

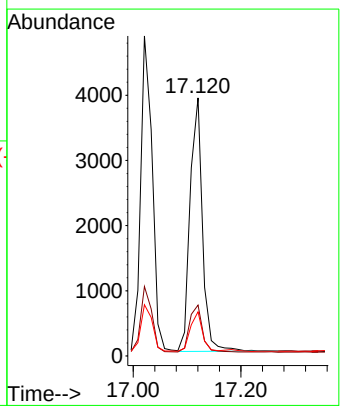


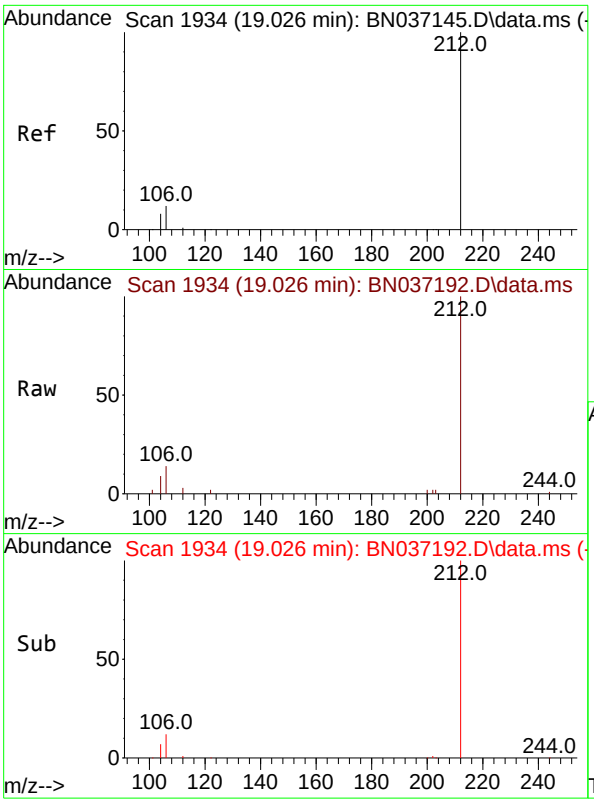


#26
Anthracene
Concen: 0.392 ng
RT: 17.120 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:178 Resp: 6246

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	14.7	12.9	19.3



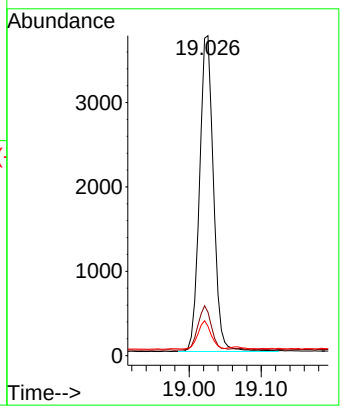


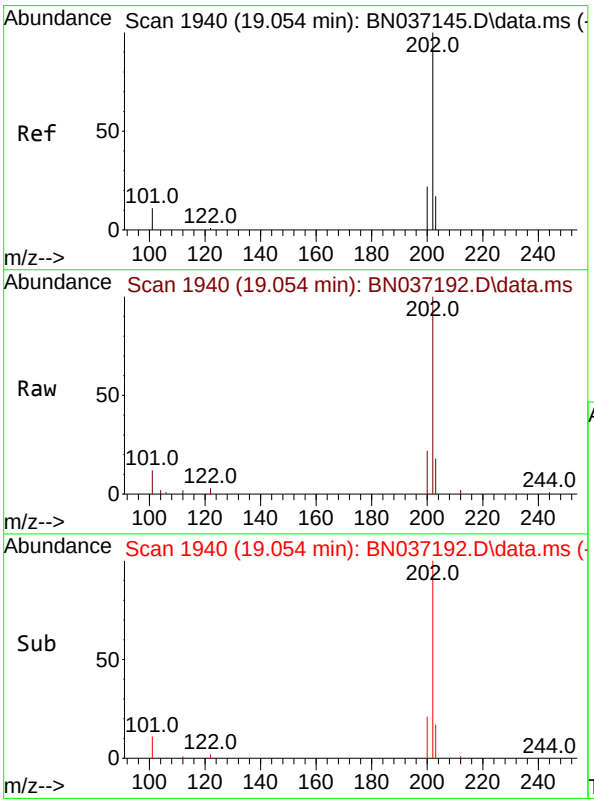
#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5042

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	15.8
104	8.3	6.6	9.8

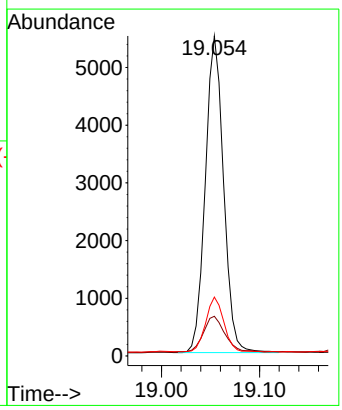


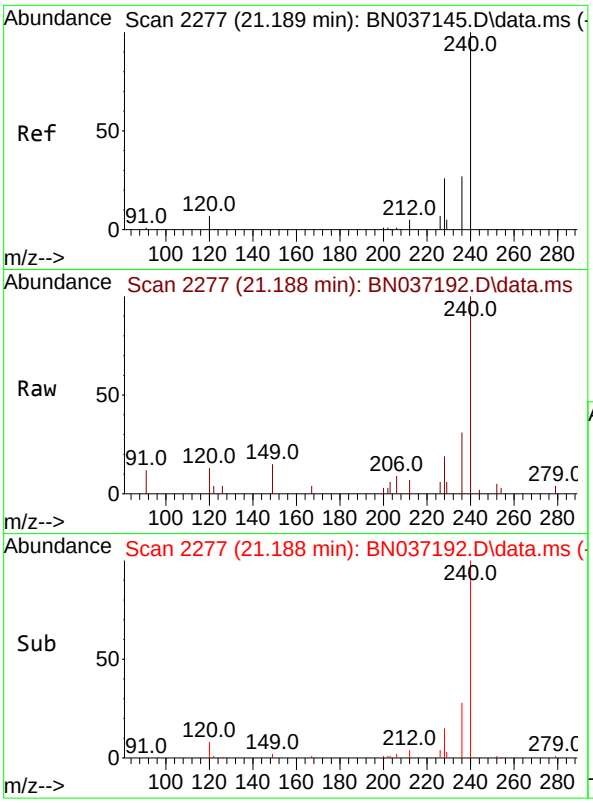


#28
Fluoranthene
Concen: 0.367 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:202 Resp: 7085

Ion	Ratio	Lower	Upper
202	100		
101	13.6	8.7	13.1#
203	17.1	13.5	20.3



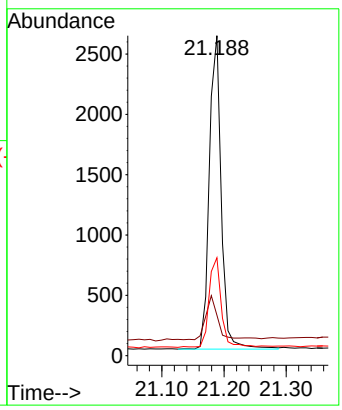


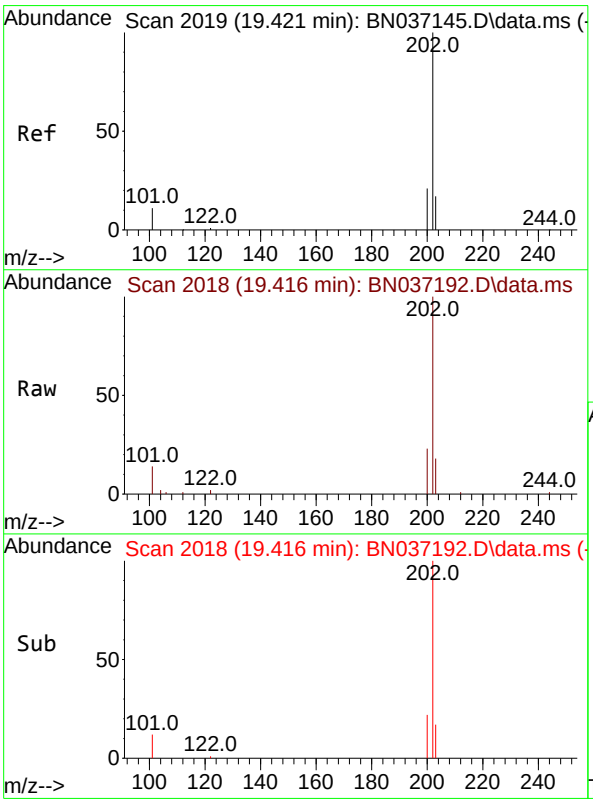
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3448

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.0	13.4
236	30.6	23.0	34.4

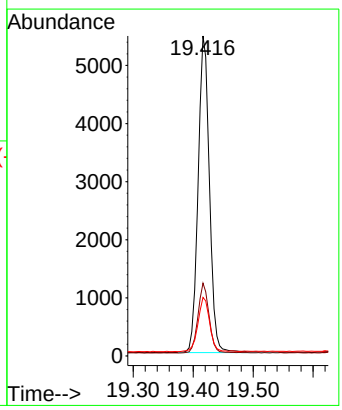


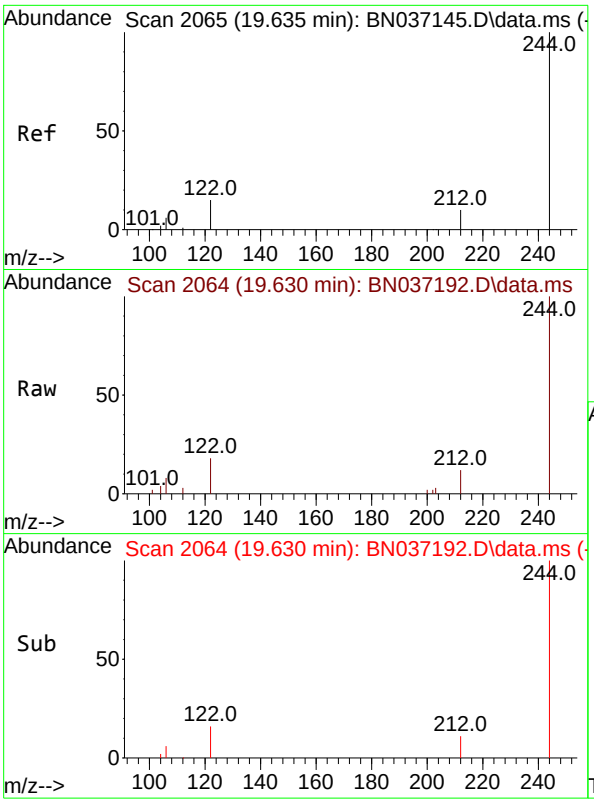


#30
Pyrene
Concen: 0.424 ng
RT: 19.416 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:202 Resp: 7143

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.5	14.2	21.4



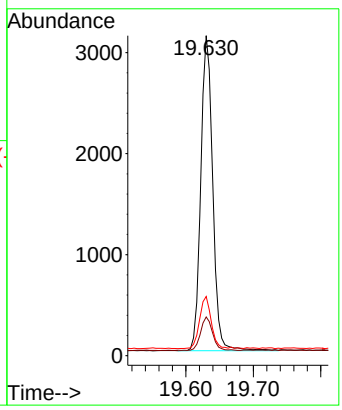


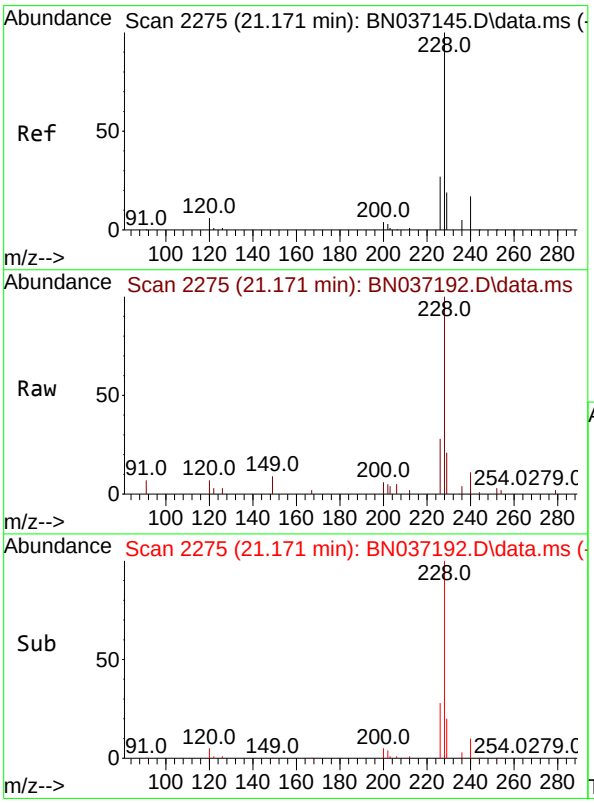
#31
Terphenyl-d14
Concen: 0.473 ng
RT: 19.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3837

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.0	15.0
122	18.5	13.2	19.8

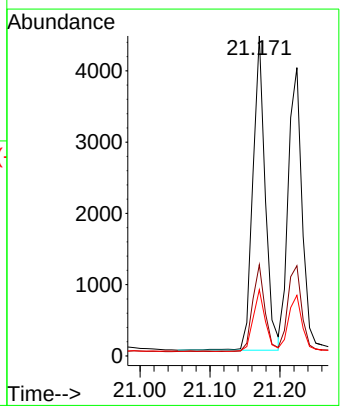


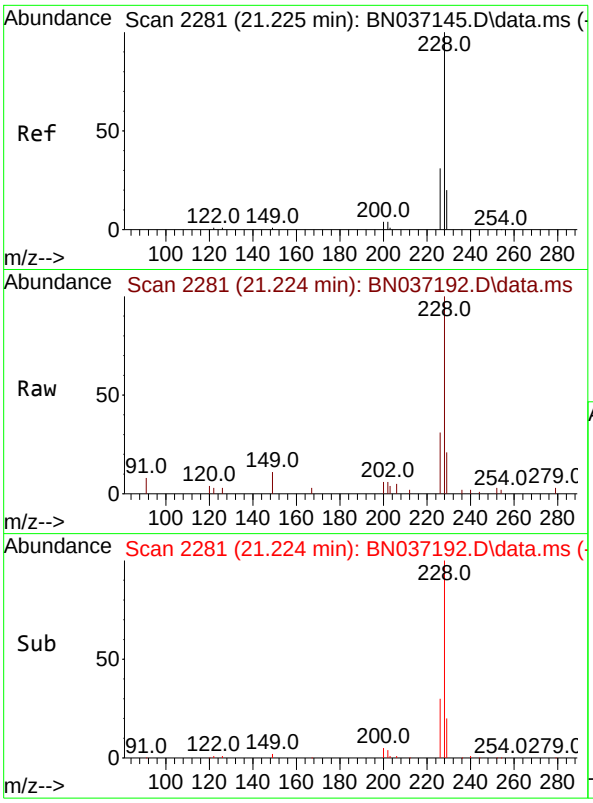


#32
Benzo(a)anthracene
Concen: 0.434 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:228 Resp: 5416

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.7	16.2	24.2



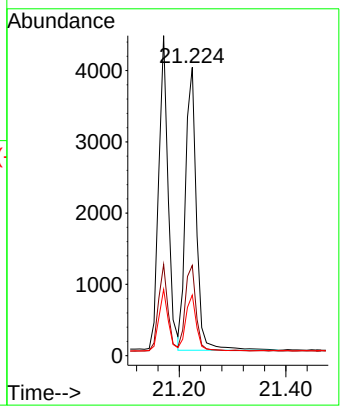


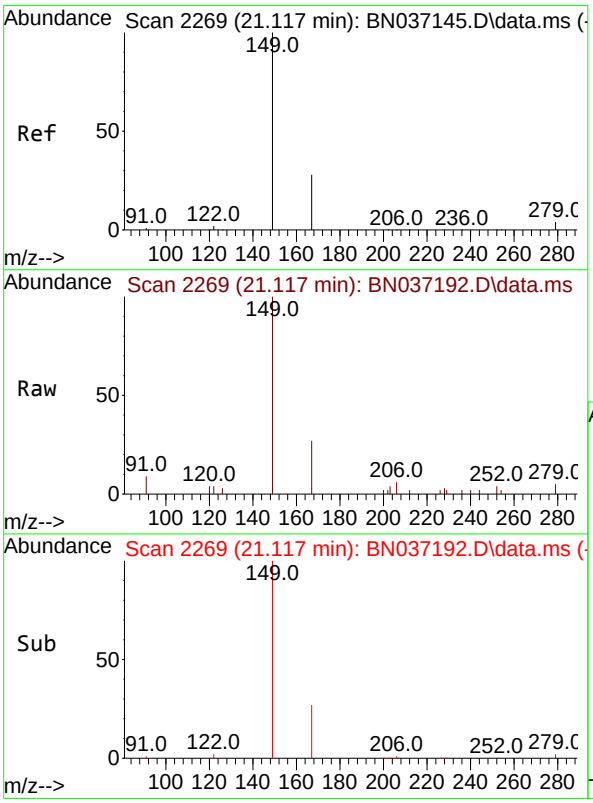
#33
Chrysene
Concen: 0.407 ng
RT: 21.224 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 5649

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	21.0	16.8	25.2

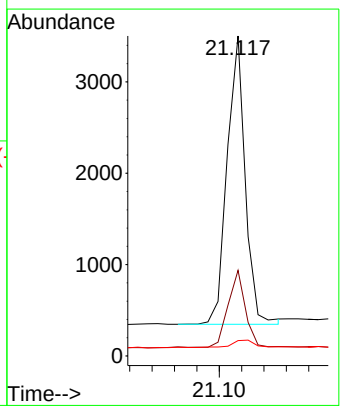


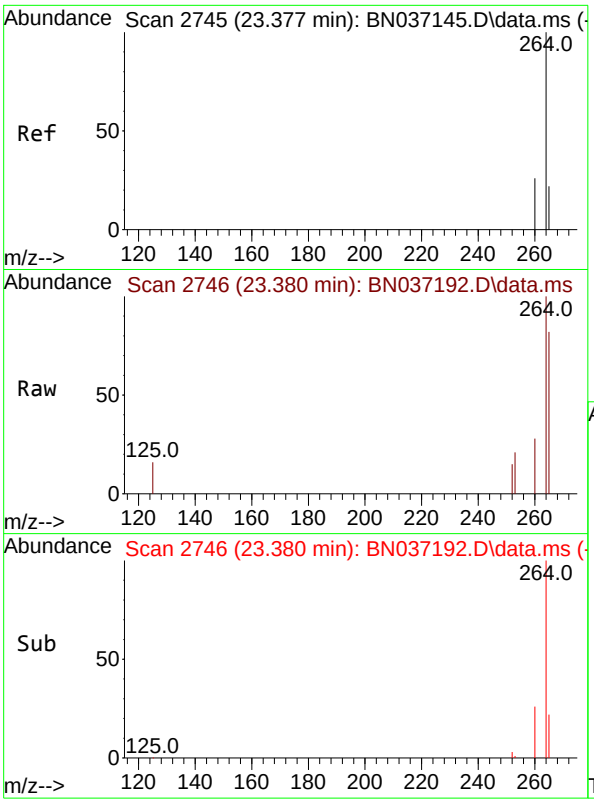


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.448 ng
RT: 21.117 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:149 Resp: 3531

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	3.5	2.9	4.3



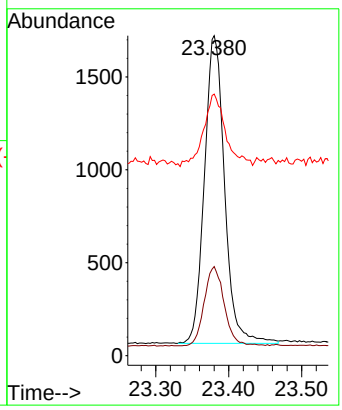


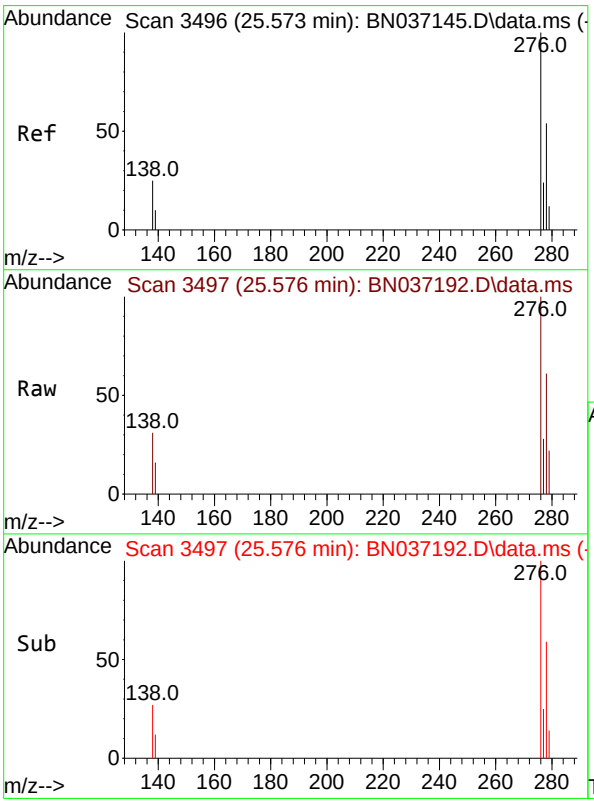
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3177

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.1	33.1
265	81.8	55.8	83.8

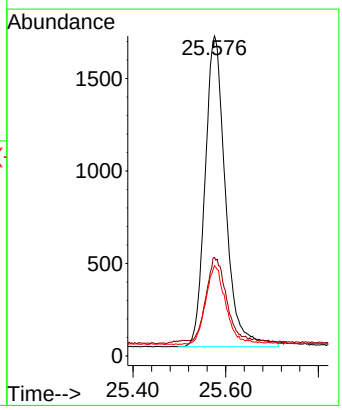


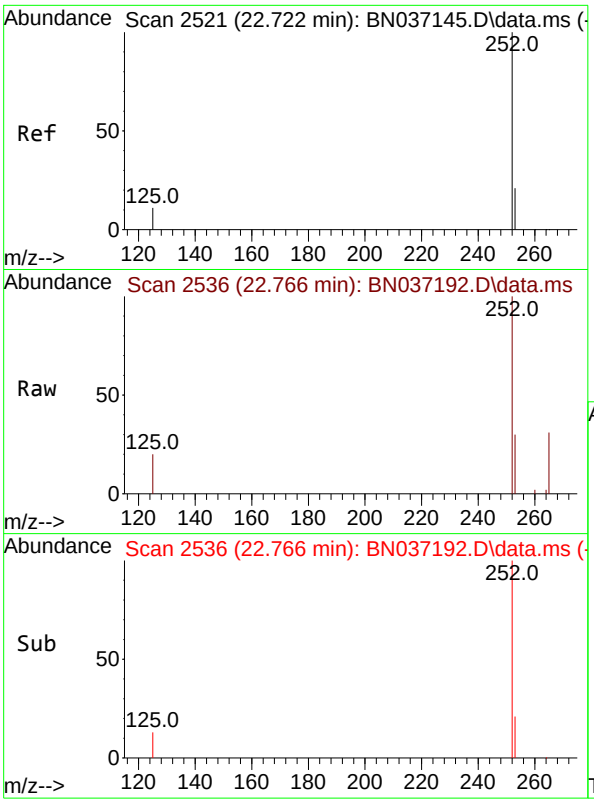


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 25.576 min Scan# 3497
Delta R.T. 0.003 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:276 Resp: 5130

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.6
277	24.2	19.4	29.2



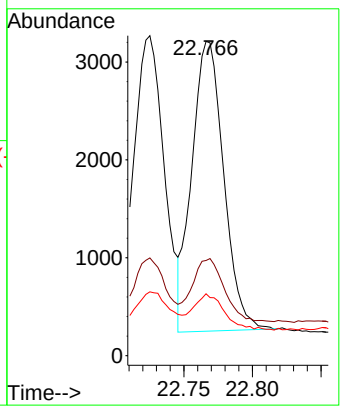


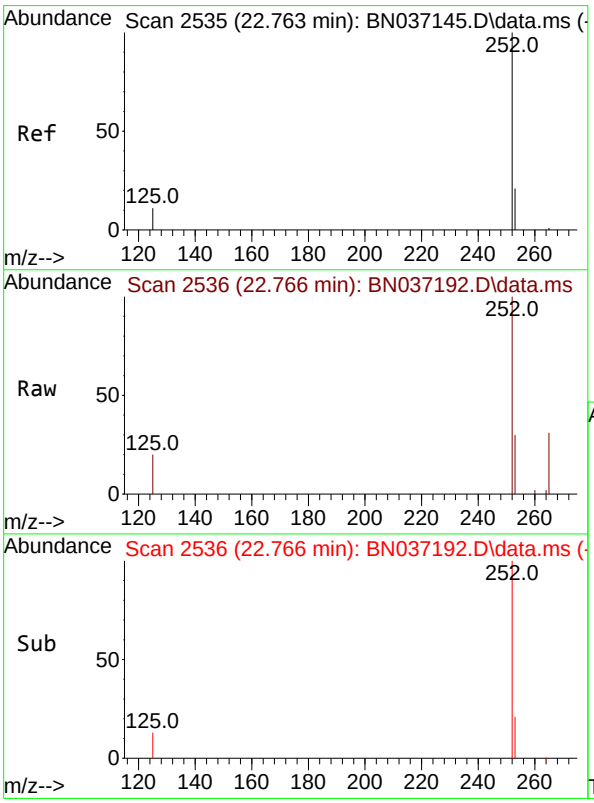
#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.766 min Scan# 2
Delta R.T. 0.044 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4787

Ion	Ratio	Lower	Upper
252	100		
253	30.3	22.3	33.5
125	19.7	13.2	19.8

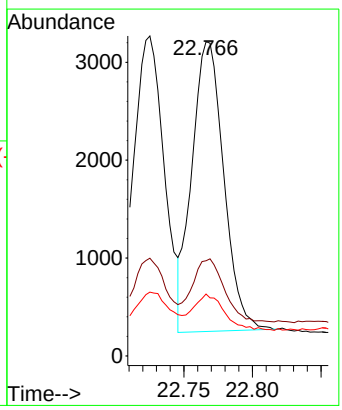


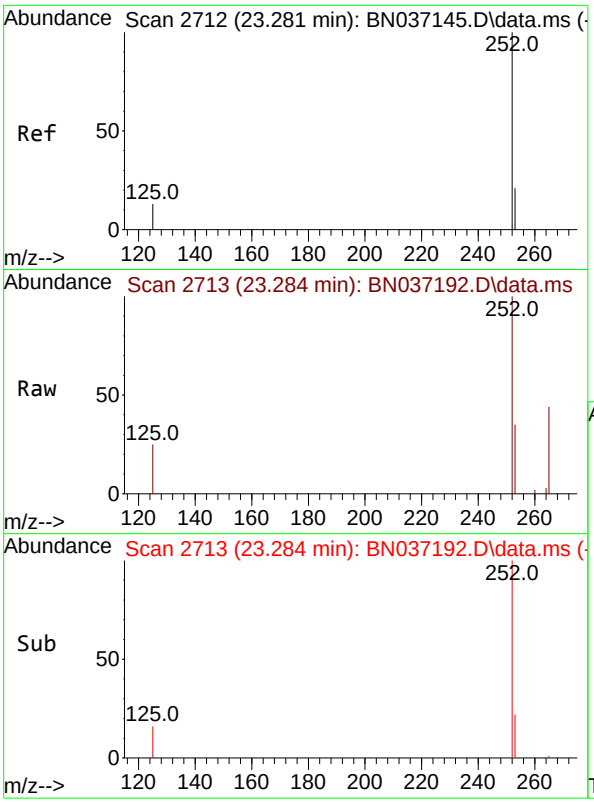


#38
Benzo(k)fluoranthene
Concen: 0.366 ng
RT: 22.766 min Scan# 2536
Delta R.T. 0.003 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:252 Resp: 4787

Ion	Ratio	Lower	Upper
252	100		
253	30.3	22.2	33.4
125	19.7	13.2	19.8



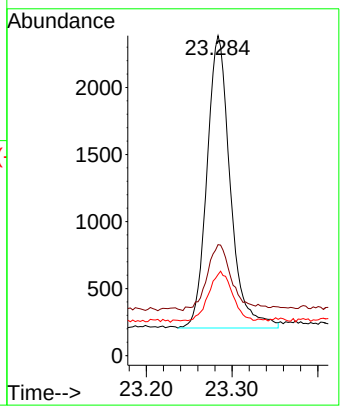


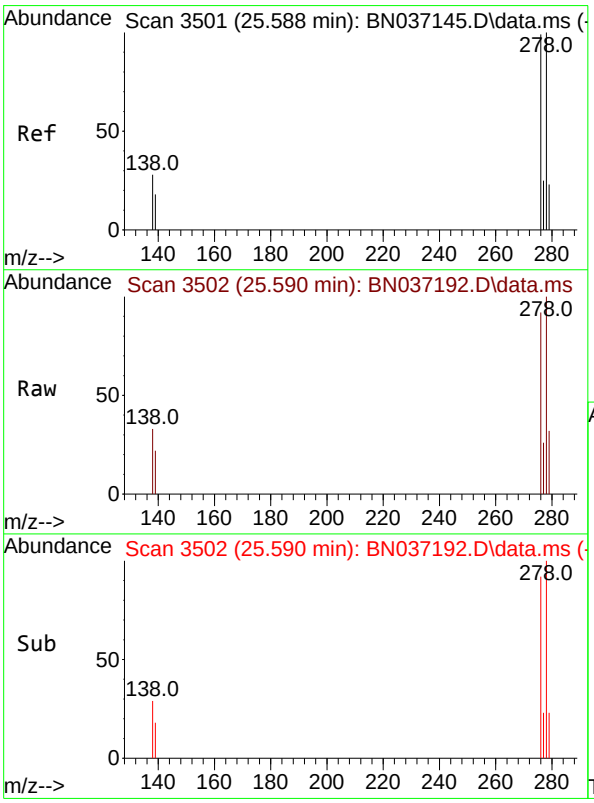
#39
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.284 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4119

Ion	Ratio	Lower	Upper
252	100		
253	34.7	25.0	37.4
125	25.3	17.0	25.6

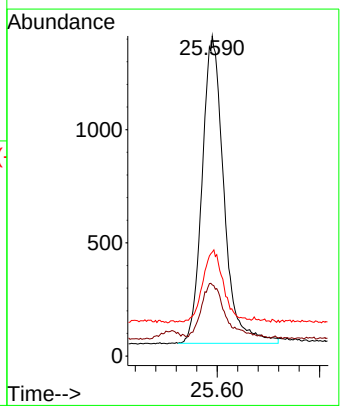


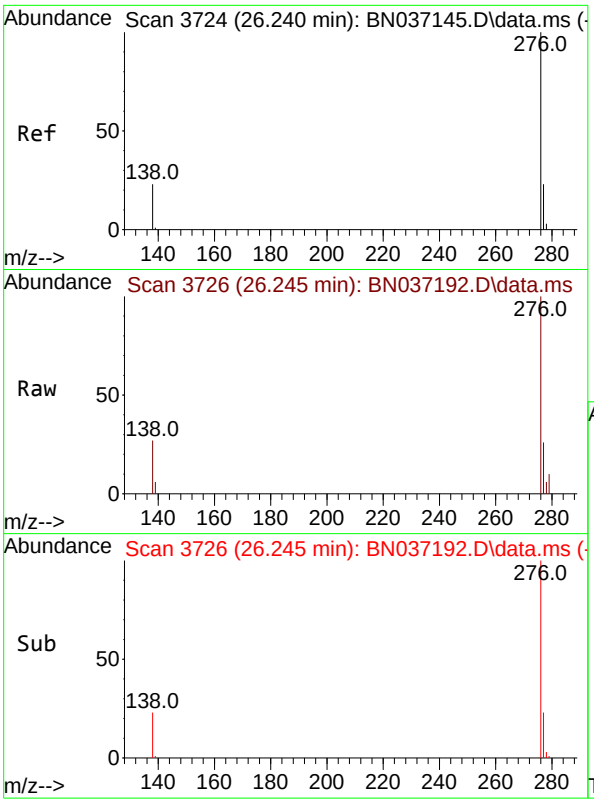


#40
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 25.590 min Scan# 3502
Delta R.T. 0.003 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Tgt Ion:278 Resp: 4003

Ion	Ratio	Lower	Upper
278	100		
139	22.2	17.6	26.4
279	32.5	26.0	39.0





#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 26.245 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN037192.D
Acq: 09 Jun 2025 14:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4218

Ion	Ratio	Lower	Upper
276	100		
277	26.5	20.9	31.3
138	27.0	20.8	31.2