Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
Data File : BN037166.D
Acq On : 04 Jun 2025 10:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 04 10:54:51 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	2757	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	7191	0.400	ng		0.00
13) Acenaphthene-d10	14.234	164	3834	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	6868	0.400	ng		0.00
29) Chrysene-d12	21.180	240	4452	0.400	ng	#	0.00
35) Perylene-d12	23.374	264	4092	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	2623	0.385	ng		0.00
5) Phenol-d6	6.766	99	3226	0.390	ng		0.00
8) Nitrobenzene-d5	8.739	82	3018	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	11.970	152	4011	0.401	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	528	0.342	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	6521	0.399	ng		0.00
27) Fluoranthene-d10	19.026	212	6371	0.365	ng		0.00
31) Terphenyl-d14	19.630	244	4046	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	1399	0.381	ng		97
3) n-Nitrosodimethylamine	3.437	42	2765	0.375	ng		95
6) bis(2-Chloroethyl)ether	7.026	93	3223	0.409	ng		97
9) Naphthalene	10.415	128	8076	0.389	ng		98
10) Hexachlorobutadiene	10.714	225	1769	0.391	ng	#	100
12) 2-Methylnaphthalene	12.041	142	4961	0.373	ng		96
16) Acenaphthylene	13.956	152	6807	0.362	ng		99
17) Acenaphthene	14.299	154	4451	0.365	ng		98
18) Fluorene	15.293	166	5636	0.351	ng		99
20) 4,6-Dinitro-2-methylph...	15.378	198	485	0.515	ng	#	80
21) 4-Bromophenyl-phenylether	16.189	248	1611	0.358	ng		93
22) Hexachlorobenzene	16.301	284	1849	0.381	ng		99
23) Atrazine	16.462	200	1245	0.335	ng		95
24) Pentachlorophenol	16.649	266	823	0.498	ng		96
25) Phenanthrene	17.021	178	8135	0.366	ng		100
26) Anthracene	17.120	178	6966	0.343	ng		98
28) Fluoranthene	19.054	202	8355	0.340	ng		99
30) Pyrene	19.416	202	8281	0.381	ng		99
32) Benzo(a)anthracene	21.171	228	5983	0.371	ng		100
33) Chrysene	21.215	228	6546	0.365	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3537	0.348	ng		99
36) Indeno(1,2,3-cd)pyrene	25.573	276	6087	0.374	ng		99
37) Benzo(b)fluoranthene	22.719	252	5916	0.358	ng		99
38) Benzo(k)fluoranthene	22.763	252	6048	0.359	ng		98
39) Benzo(a)pyrene	23.281	252	4995	0.361	ng		99
40) Dibenzo(a,h)anthracene	25.587	278	4662	0.371	ng		98
41) Benzo(g,h,i)perylene	26.239	276	5291	0.367	ng		99

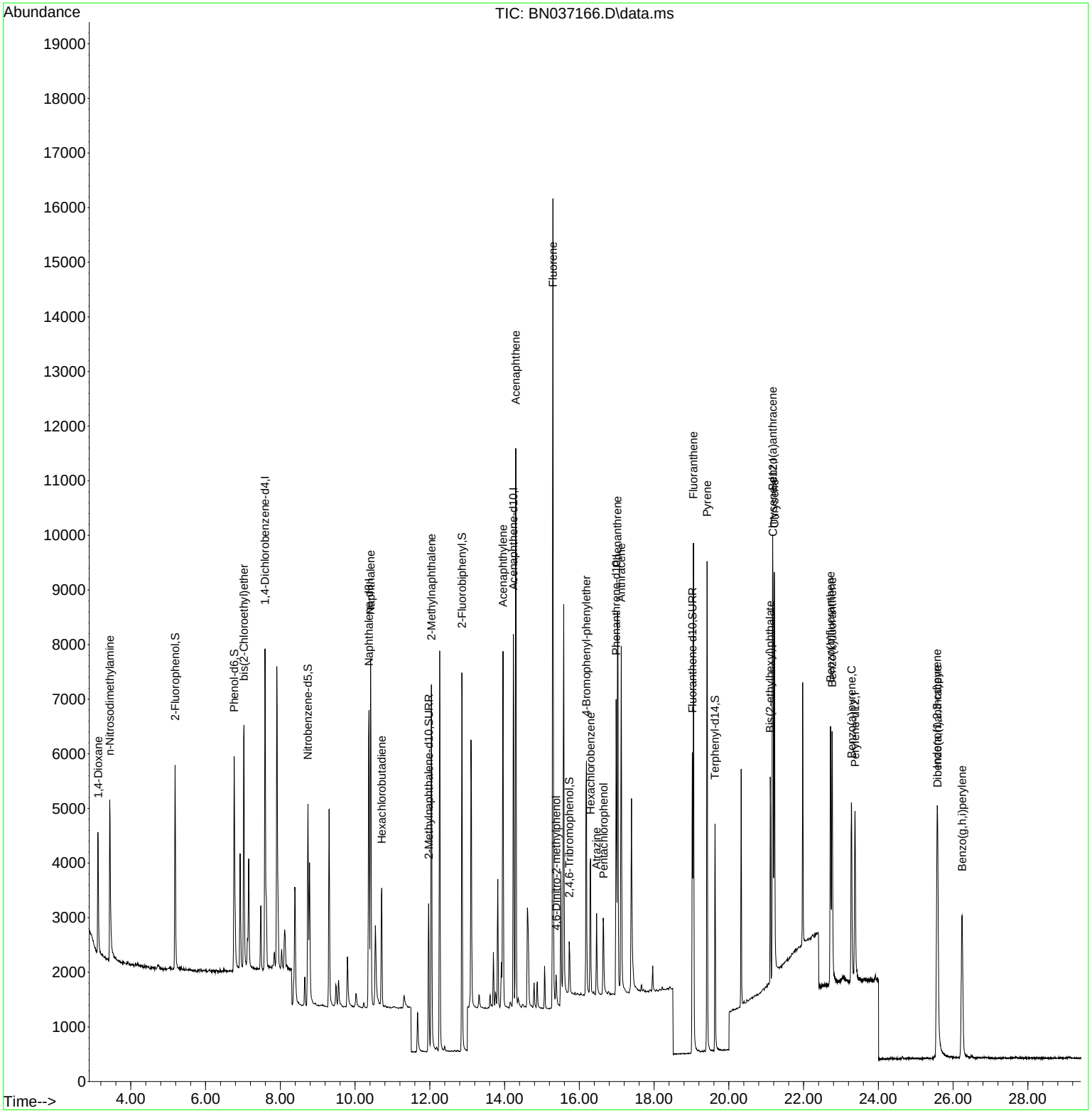
(#) = qualifier out of range (m) = manual integration (+) = signals summed

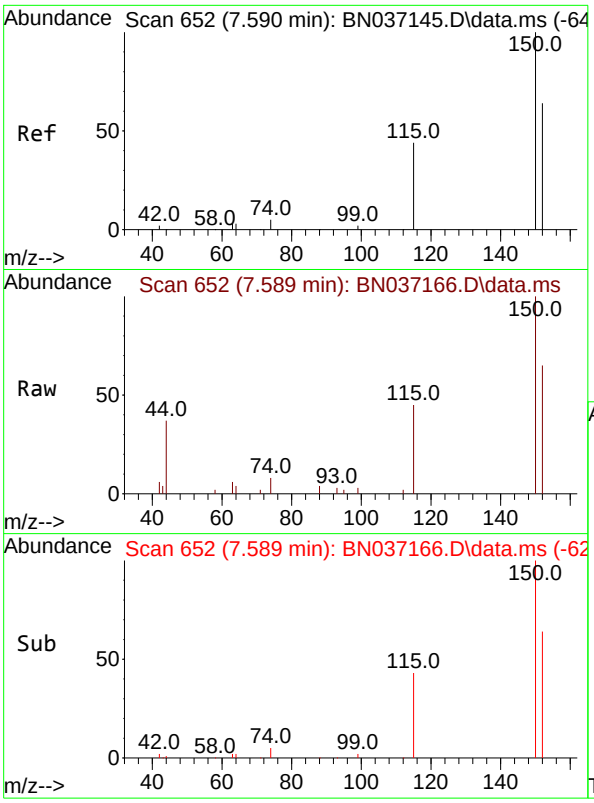
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
Data File : BN037166.D
Acq On : 04 Jun 2025 10:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 04 10:54:51 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



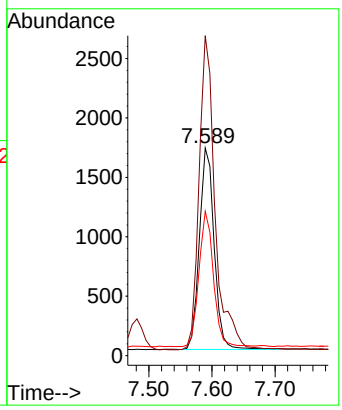


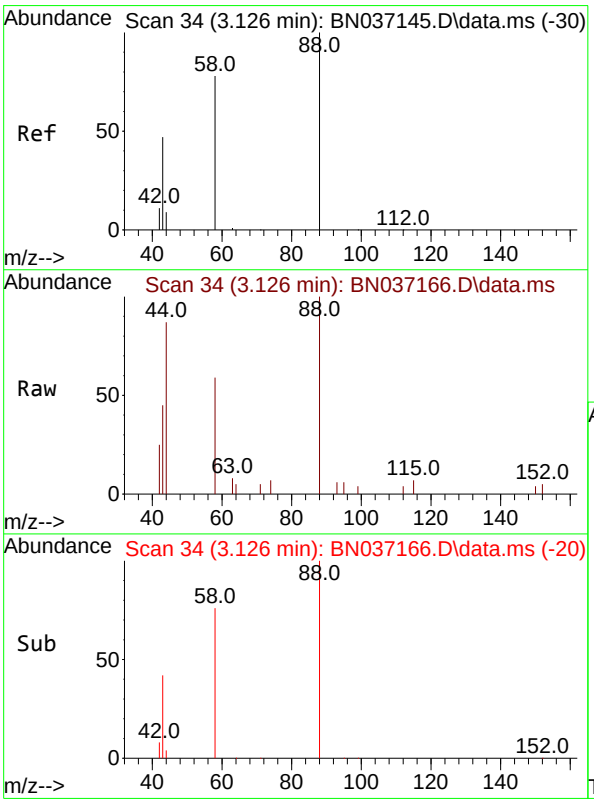
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2757

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.2	184.8
115	69.5	56.6	85.0

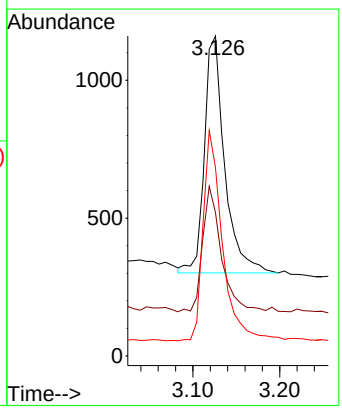


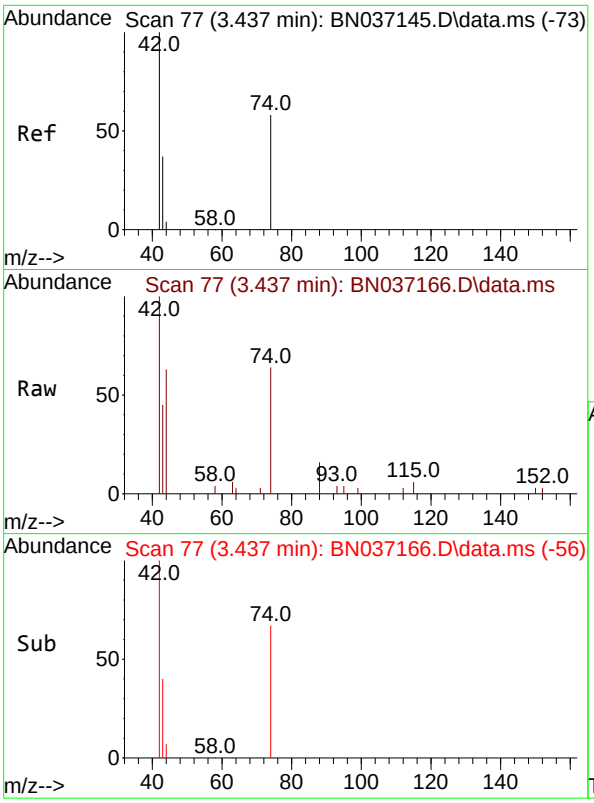


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.126 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion: 88 Resp: 1399

Ion	Ratio	Lower	Upper
88	100		
43	49.5	43.5	65.3
58	84.6	67.7	101.5



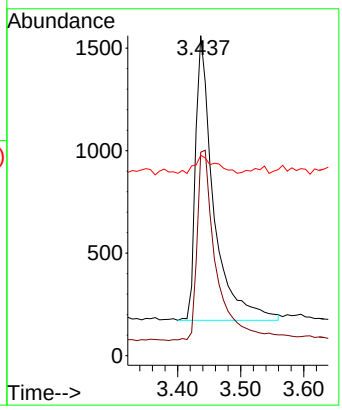


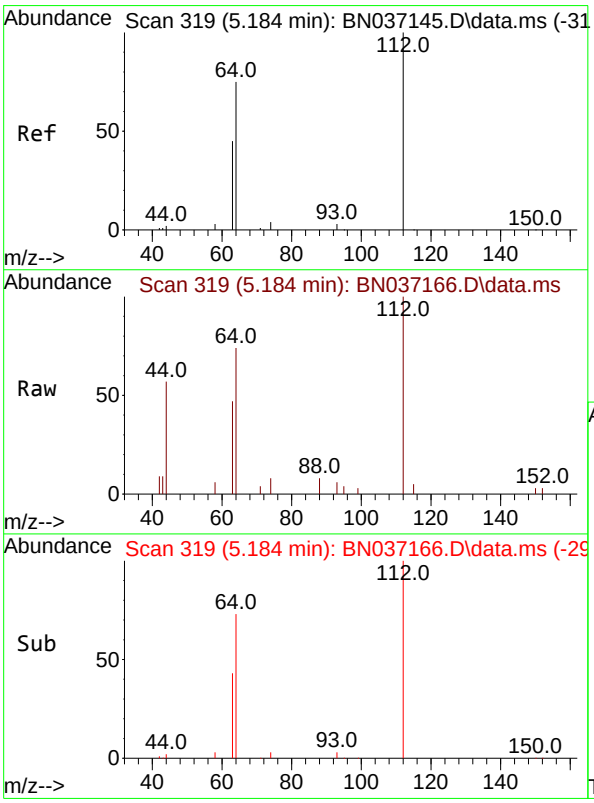
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.437 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2765

Ion	Ratio	Lower	Upper
42	100		
74	70.6	53.0	79.4
44	7.8	5.9	8.9

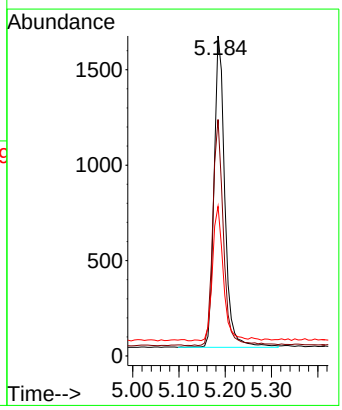


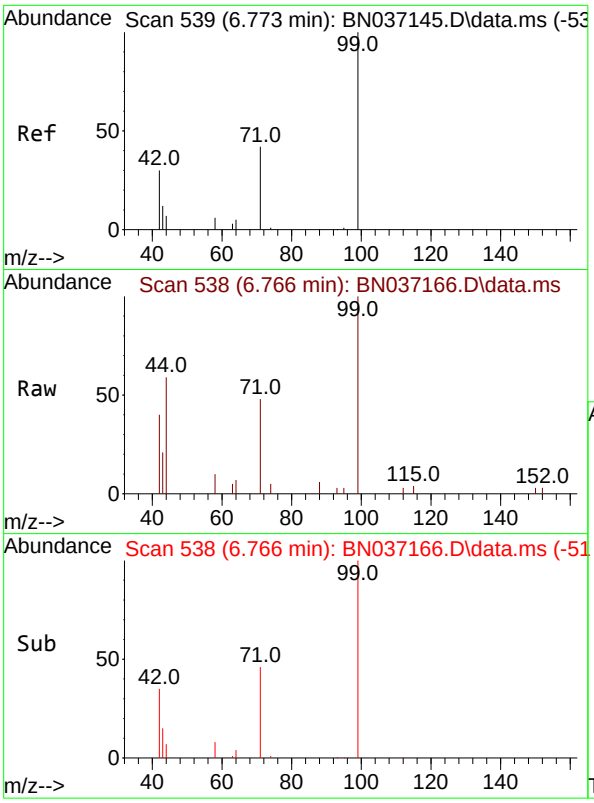


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:112 Resp: 2623

Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.3	84.5
63	43.5	36.2	54.4



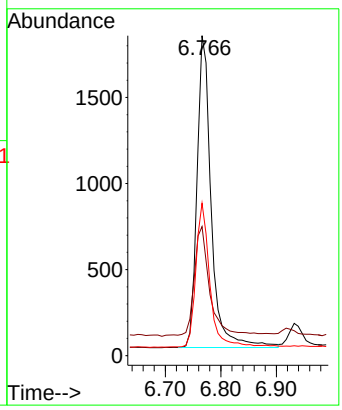


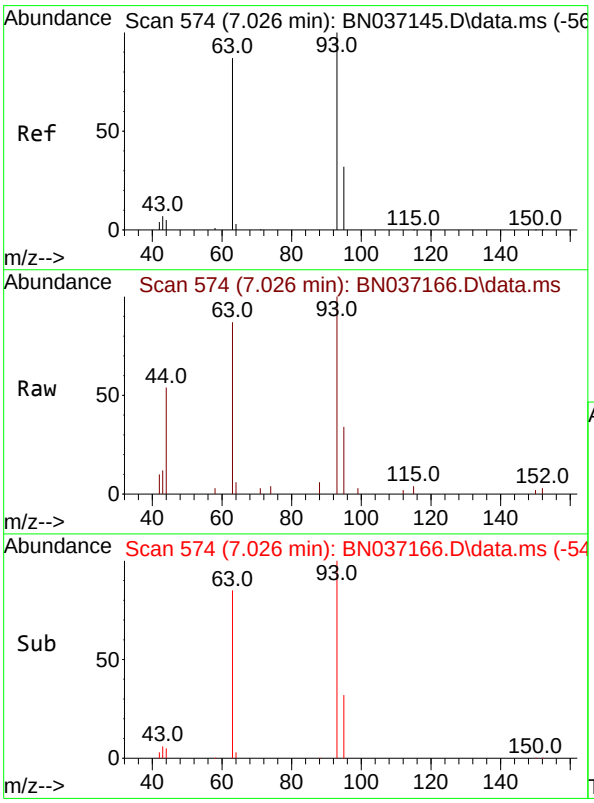
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.766 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3226

Ion	Ratio	Lower	Upper
99	100		
42	39.4	31.3	46.9
71	45.6	38.2	57.2

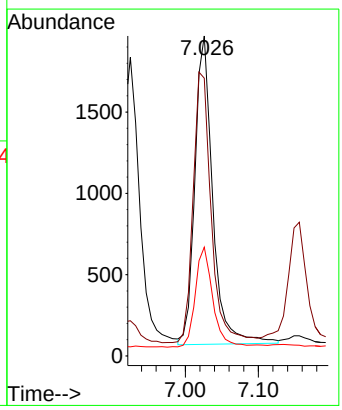


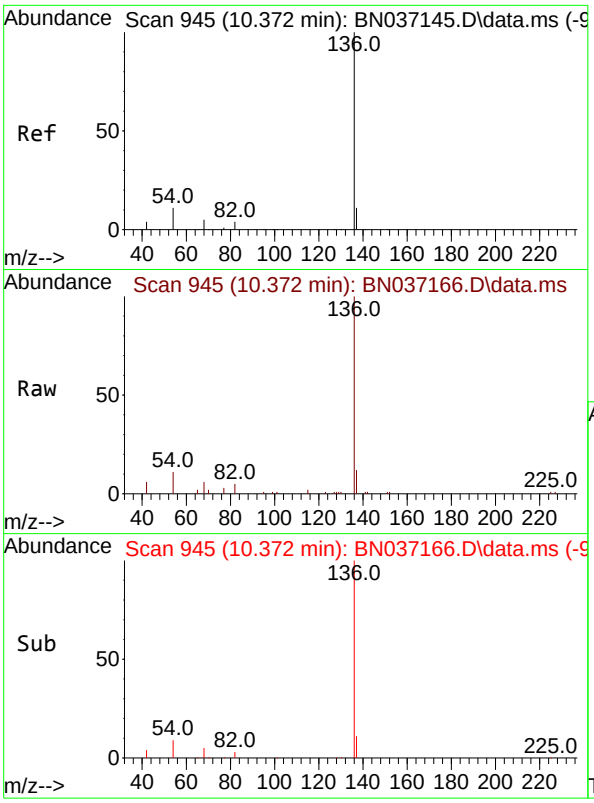


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion: 93 Resp: 3223

Ion	Ratio	Lower	Upper
93	100		
63	88.4	68.6	103.0
95	31.9	24.3	36.5



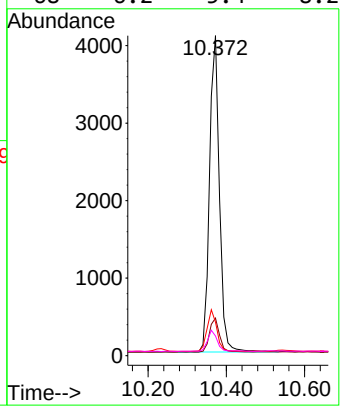


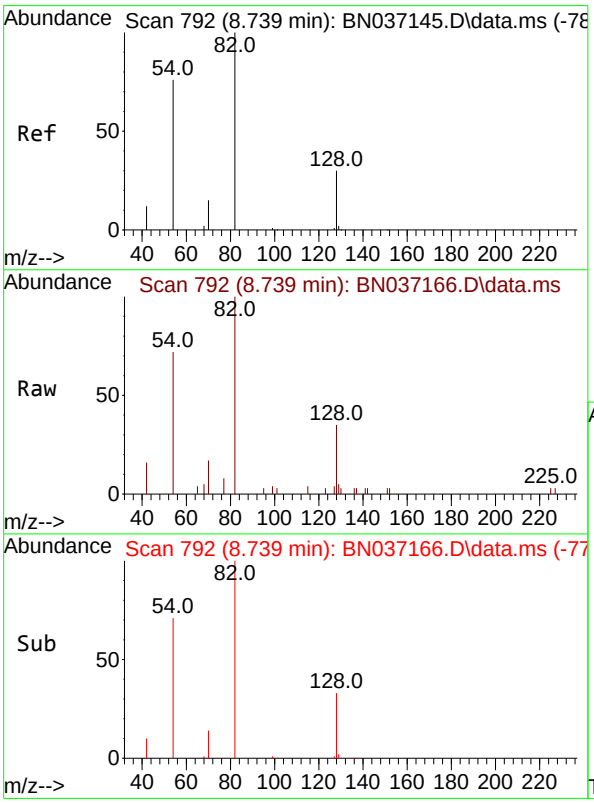
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 7191

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	10.5	9.7	14.5
68	6.2	5.4	8.2

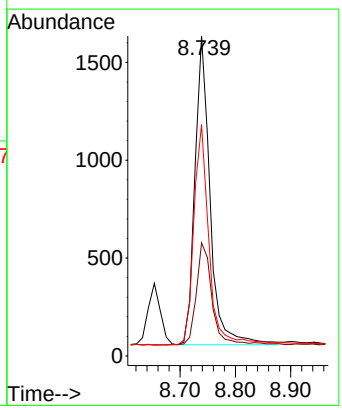


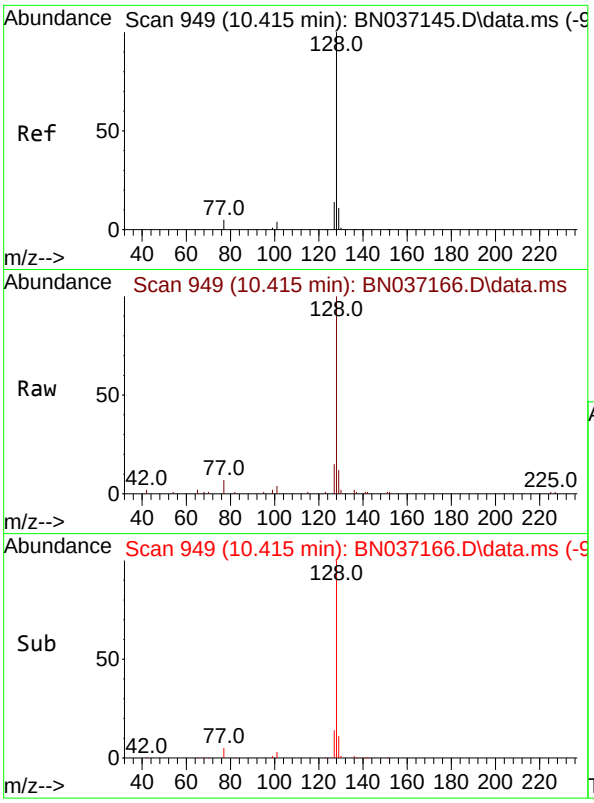


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion: 82 Resp: 3018

Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.9	40.3
54	72.3	61.4	92.2



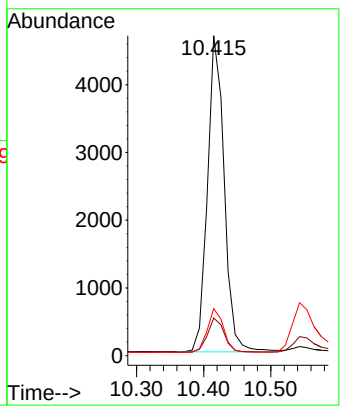


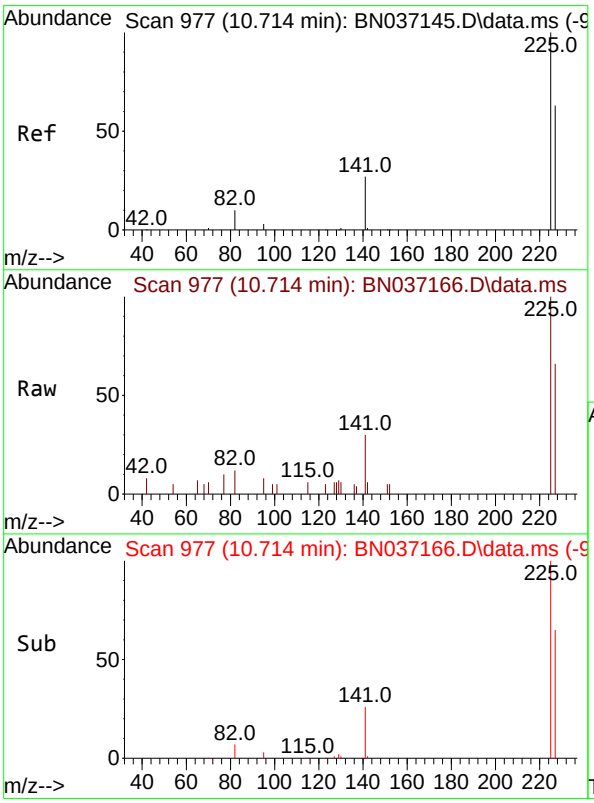
#9
Naphthalene
Concen: 0.389 ng
RT: 10.415 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 8076

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	14.7	12.3	18.5

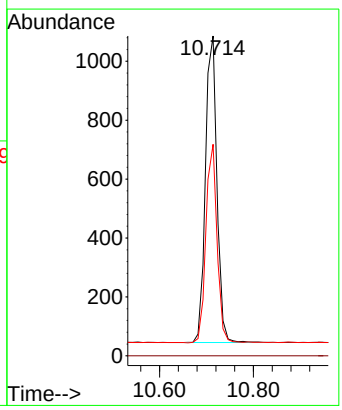


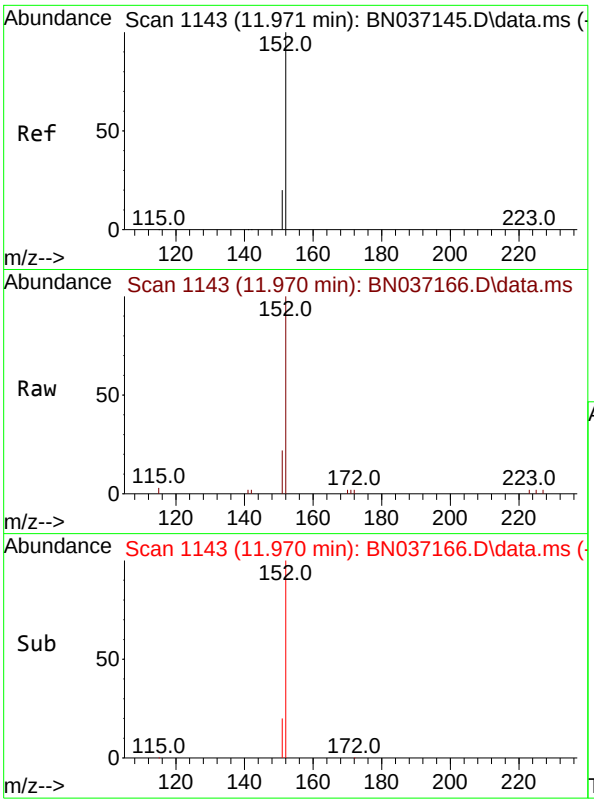


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.714 min Scan# 977
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:225 Resp: 1769

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.3	75.5



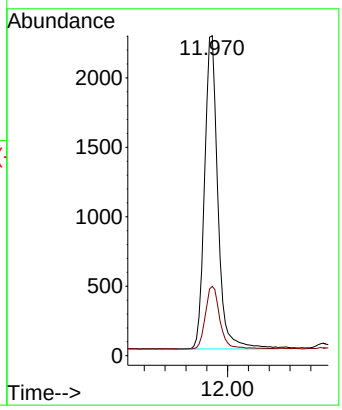


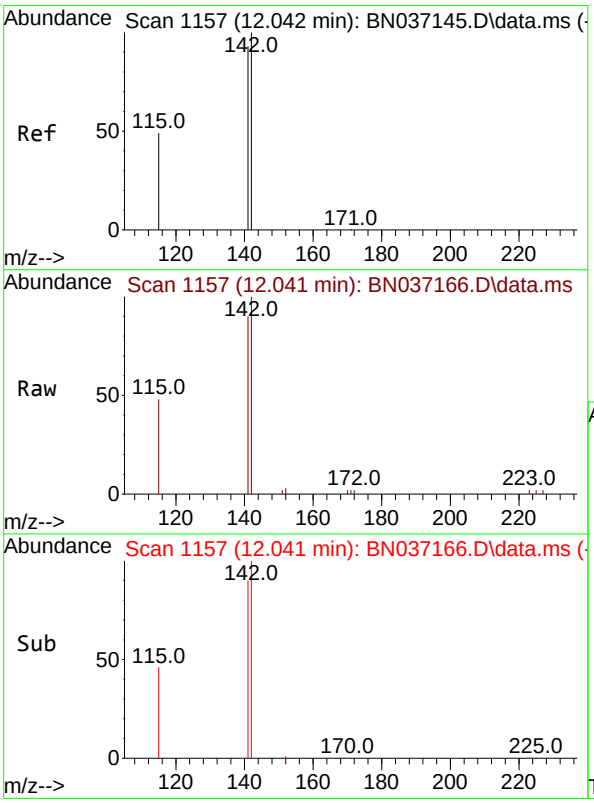
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4011

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7

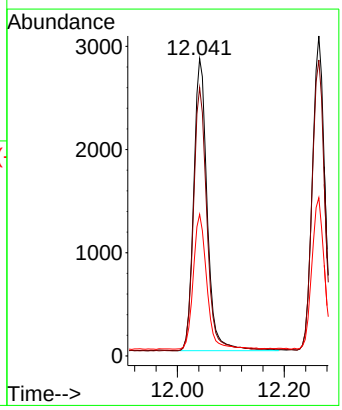


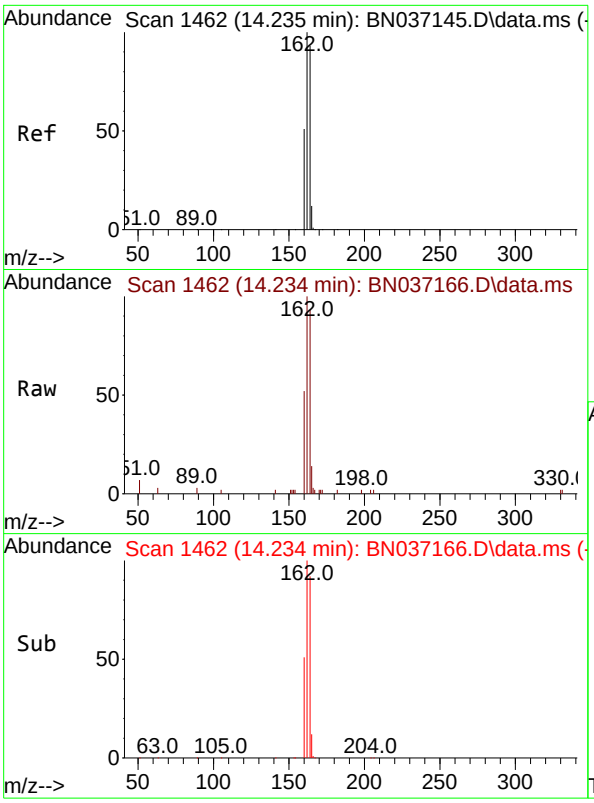


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.041 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:142 Resp: 4961

Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.6	111.8
115	47.6	41.0	61.4



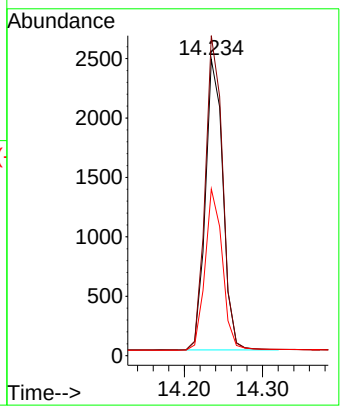


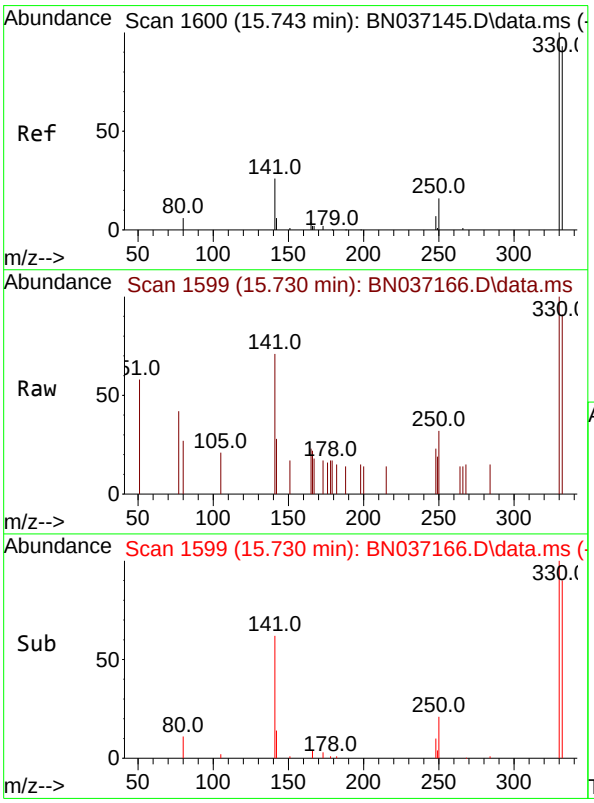
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3834

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.5	128.3
160	56.3	44.6	67.0

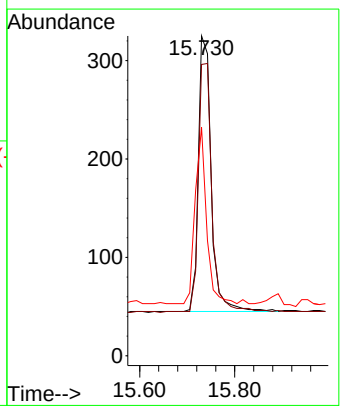


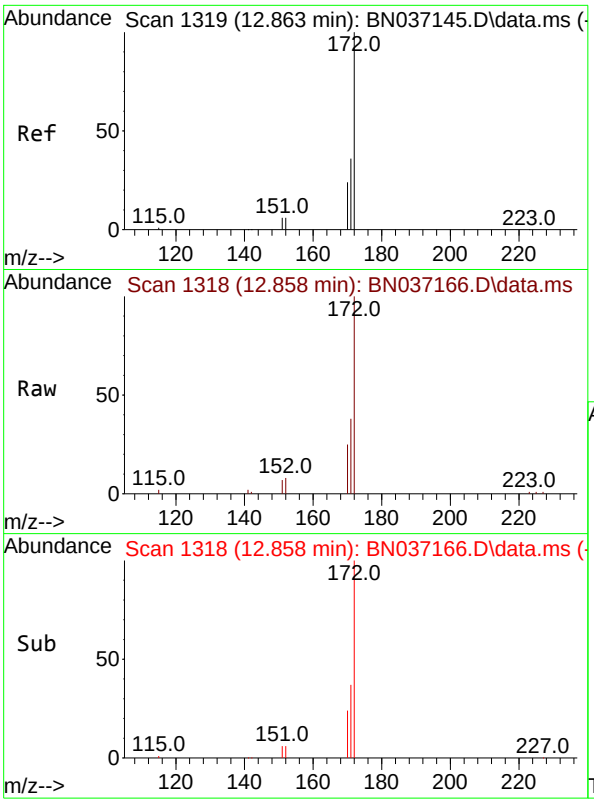


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:330 Resp: 528

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.1	115.7
141	56.1	46.4	69.6



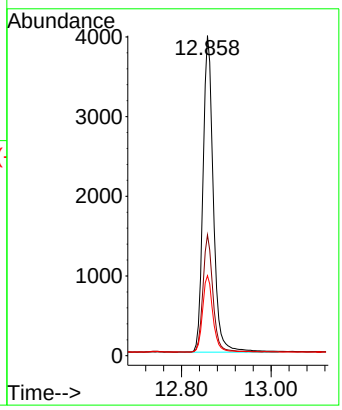


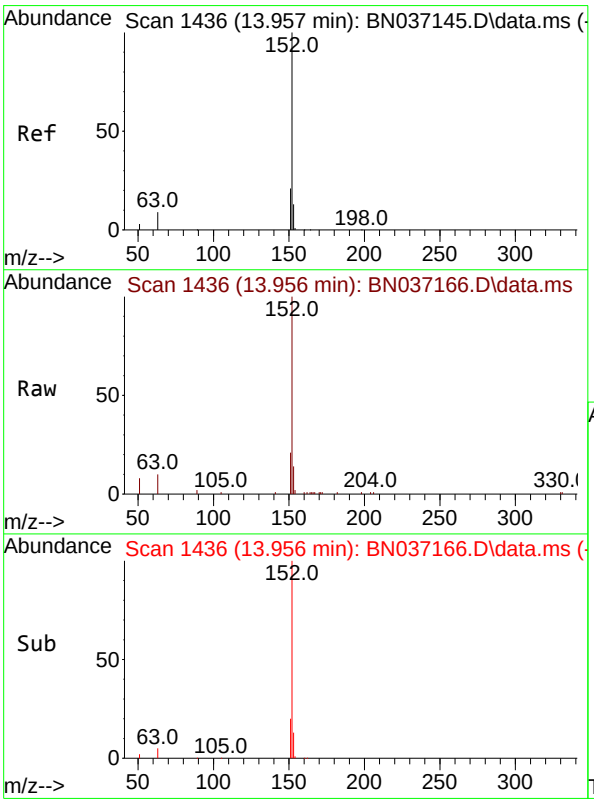
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6521

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.6	44.4
170	25.0	20.3	30.5

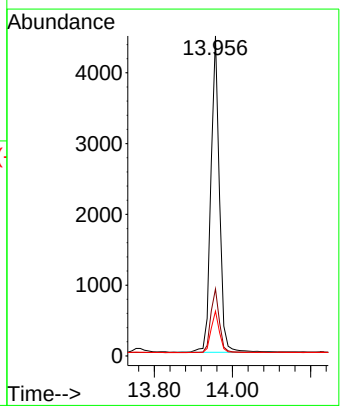


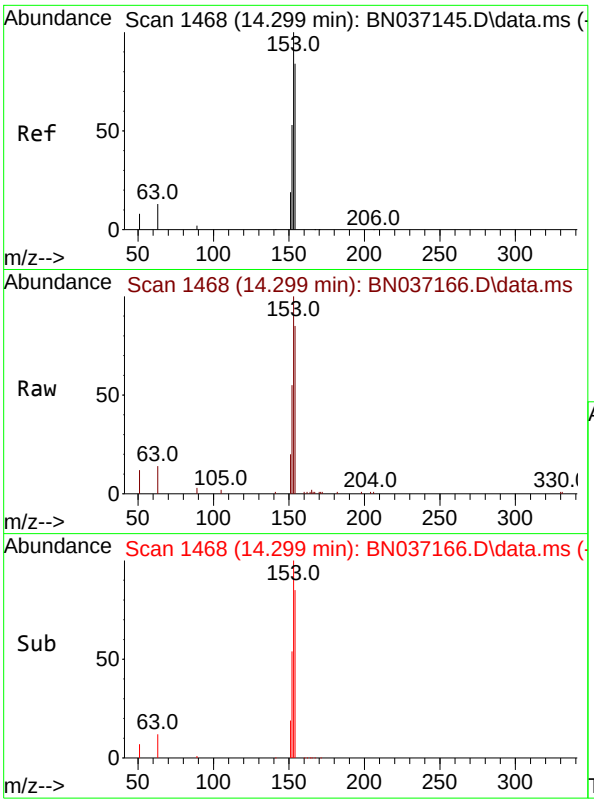


#16
Acenaphthylene
Concen: 0.362 ng
RT: 13.956 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:152 Resp: 6807

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.6	15.8



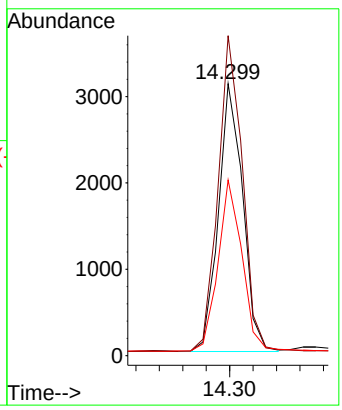


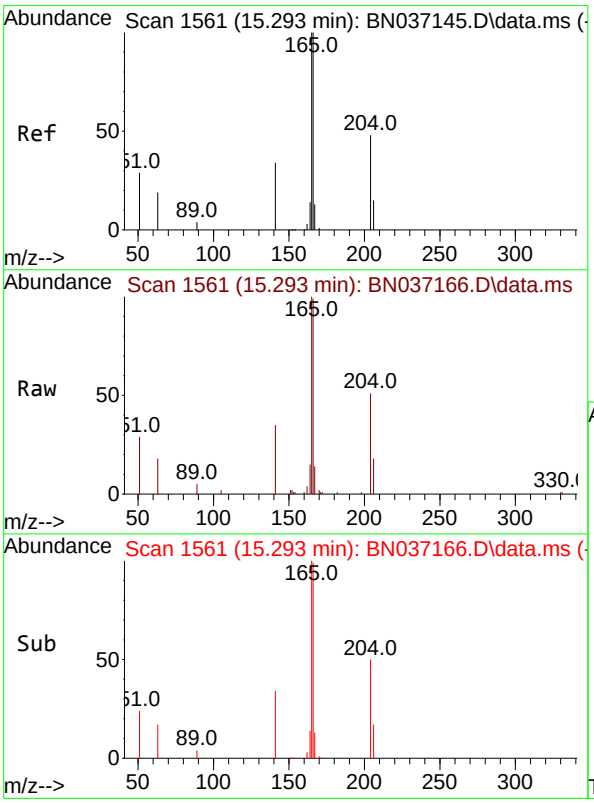
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.299 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4451

Ion	Ratio	Lower	Upper
154	100		
153	119.6	93.8	140.8
152	63.7	50.5	75.7

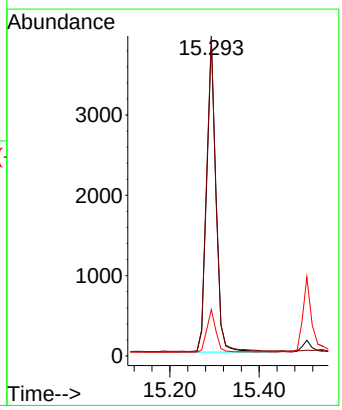


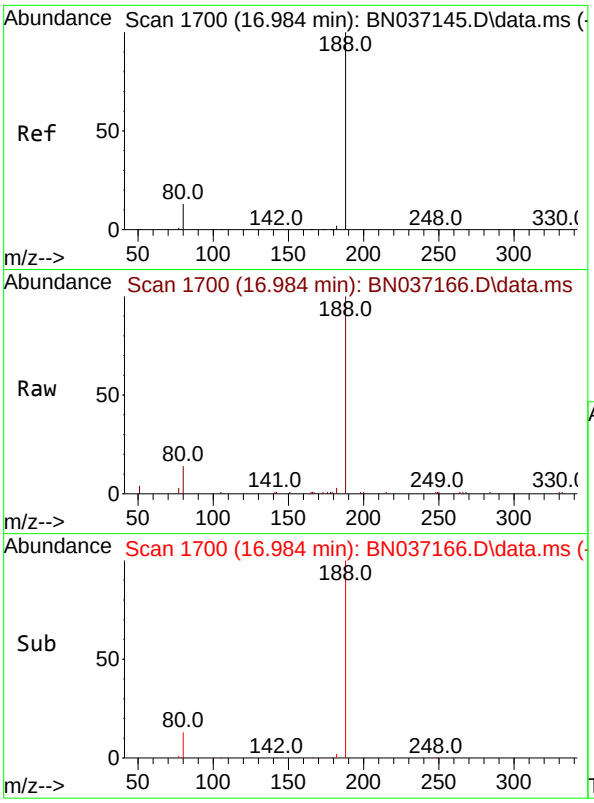


#18
Fluorene
Concen: 0.351 ng
RT: 15.293 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:166 Resp: 5636

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.1	121.7
167	13.4	10.8	16.2



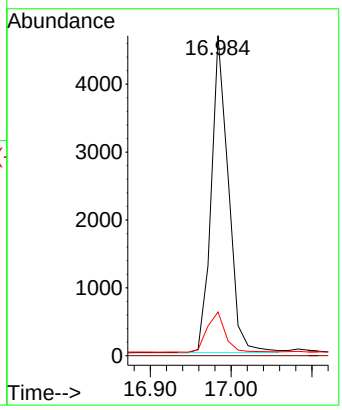


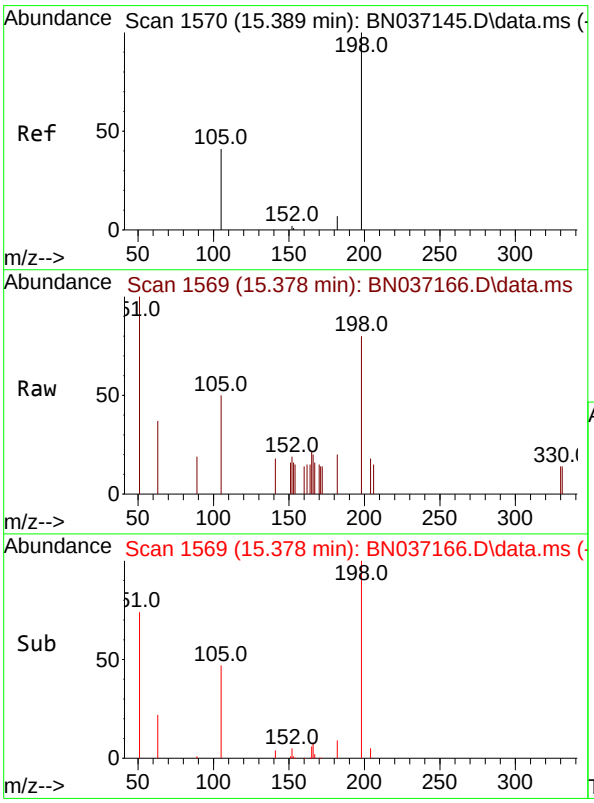
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6868

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	11.3	16.9

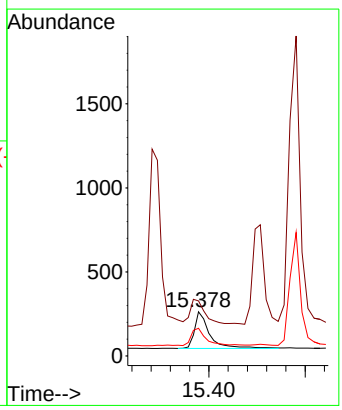


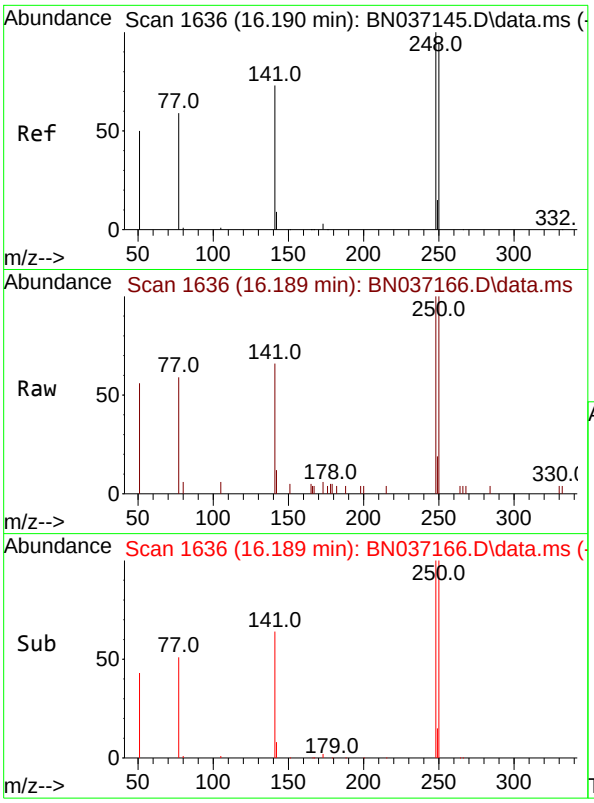


#20
4,6-Dinitro-2-methylphenol
Concen: 0.515 ng
RT: 15.378 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:198 Resp: 485

Ion	Ratio	Lower	Upper
198	100		
51	124.7	125.2	187.8#
105	62.7	57.1	85.7



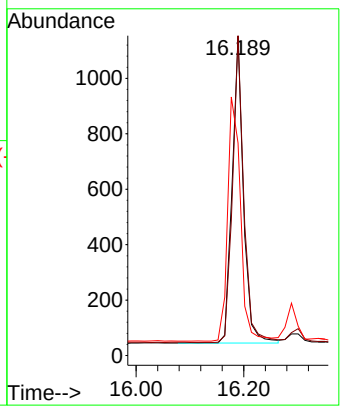


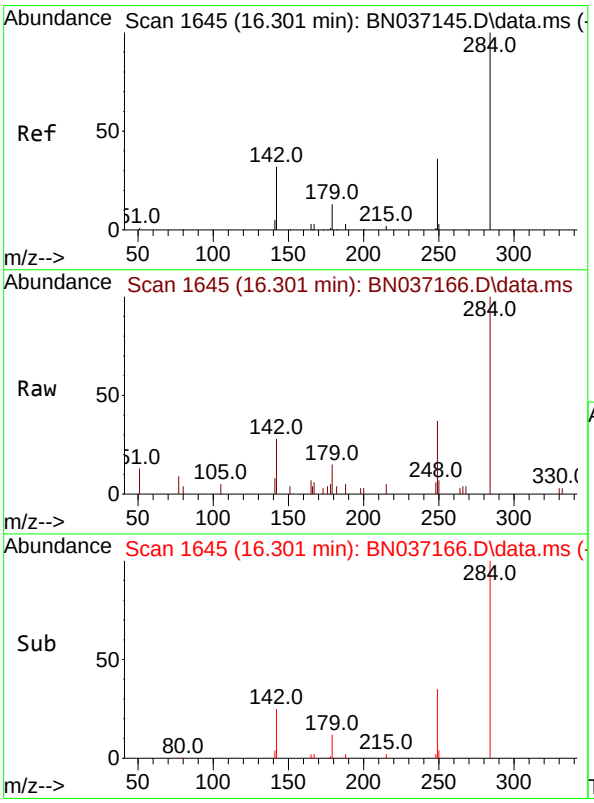
#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.189 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1611

Ion	Ratio	Lower	Upper
248	100		
250	100.1	76.1	114.1
141	66.5	60.1	90.1

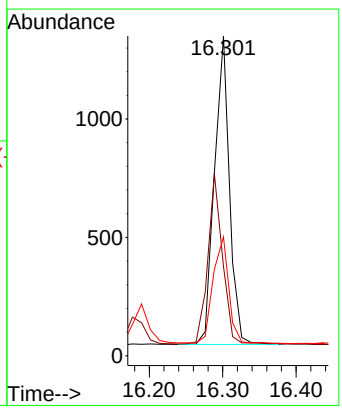


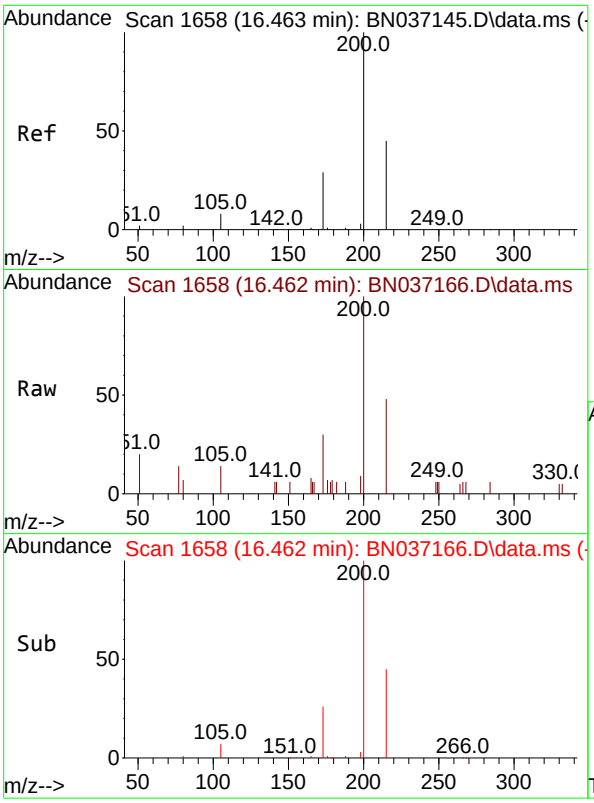


#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.301 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:284 Resp: 1849

Ion	Ratio	Lower	Upper
284	100		
142	54.4	44.0	66.0
249	36.6	29.7	44.5



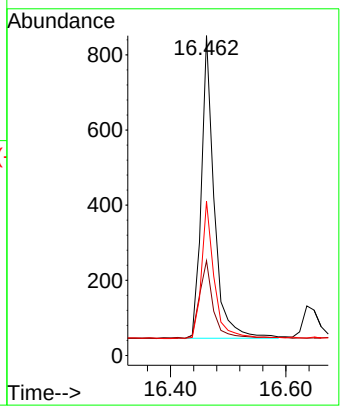


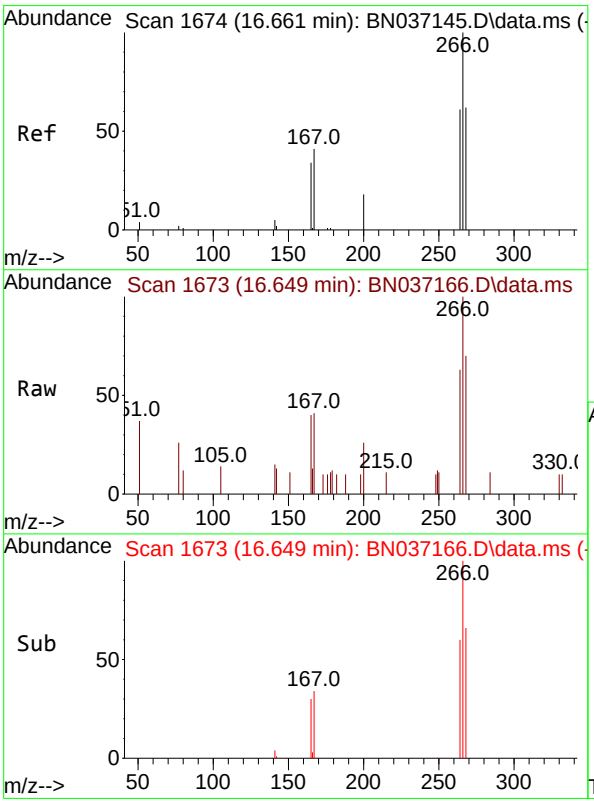
#23
Atrazine
Concen: 0.335 ng
RT: 16.462 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1245

Ion	Ratio	Lower	Upper
200	100		
173	29.6	28.1	42.1
215	48.2	39.3	58.9

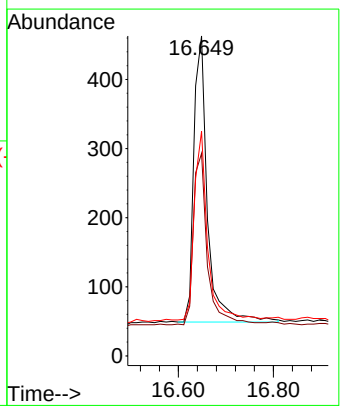


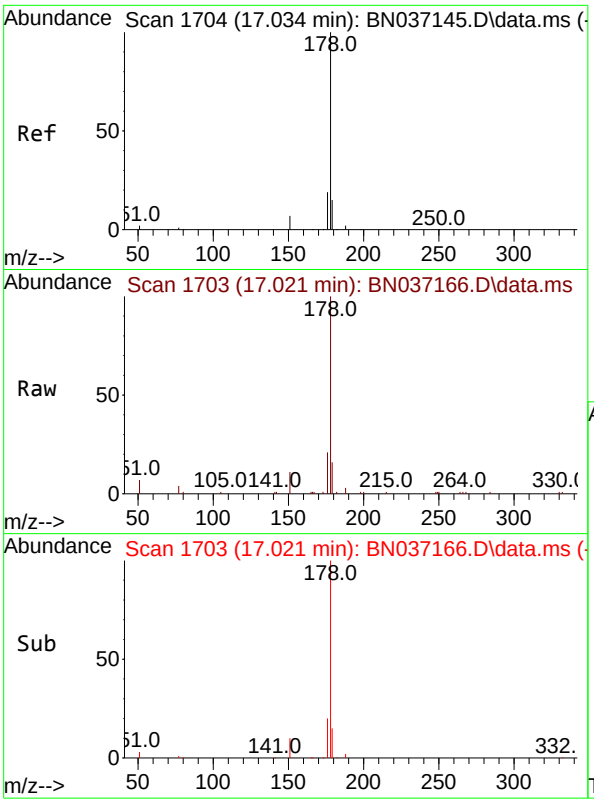


#24
Pentachlorophenol
Concen: 0.498 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:266 Resp: 823

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.3	73.9
268	67.4	49.0	73.4



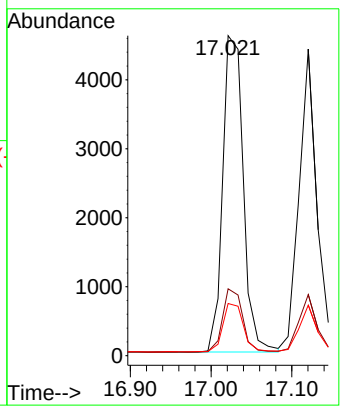


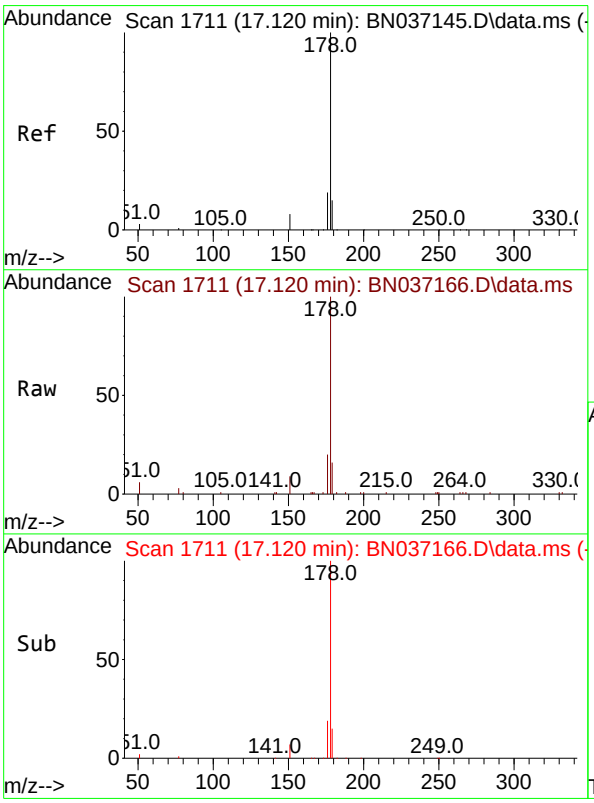
#25
Phenanthrene
Concen: 0.366 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8135

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.6	12.3	18.5

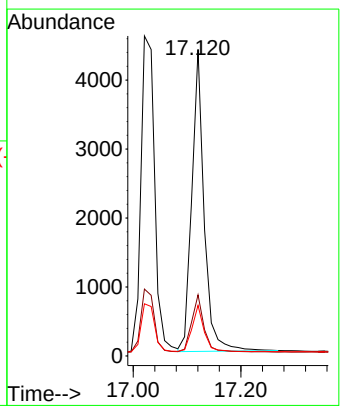


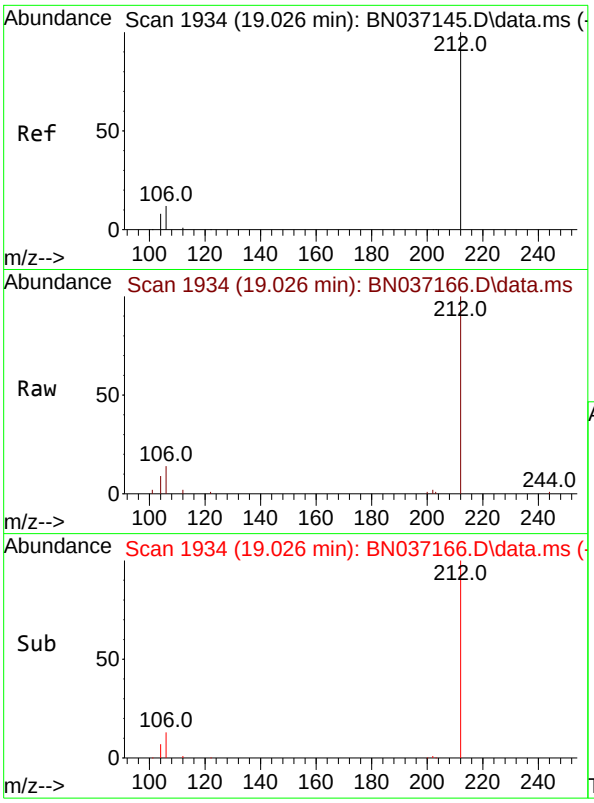


#26
Anthracene
Concen: 0.343 ng
RT: 17.120 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:178 Resp: 6966

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.0	12.9	19.3



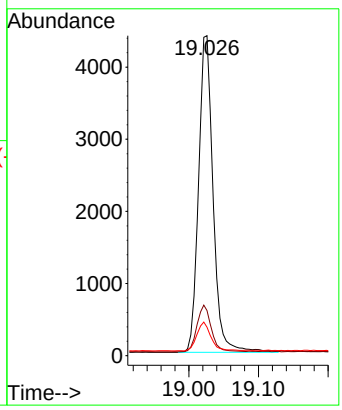


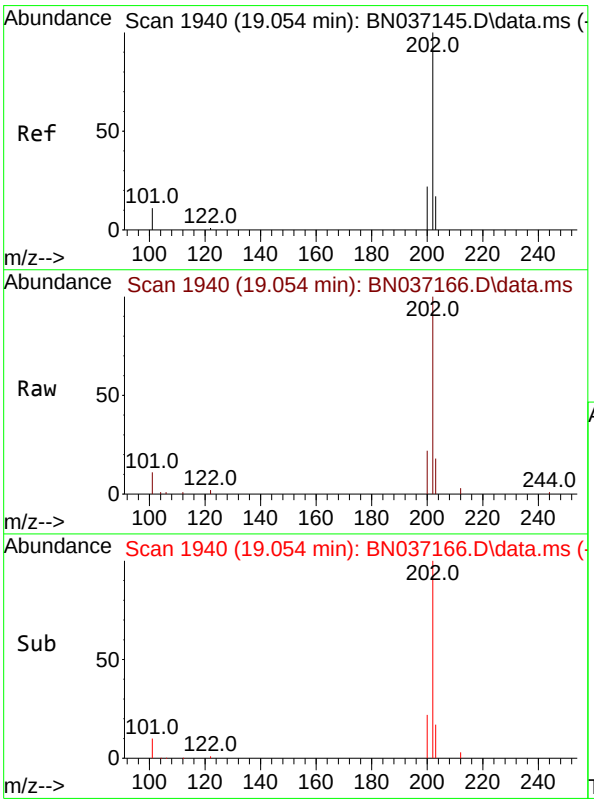
#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6371

Ion	Ratio	Lower	Upper
212	100		
106	14.5	10.6	15.8
104	8.9	6.6	9.8

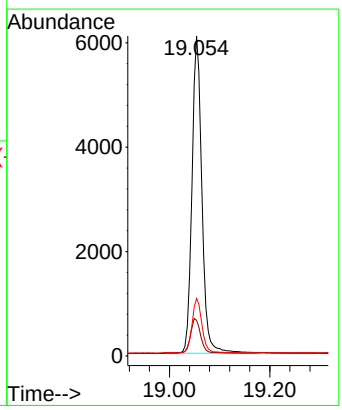


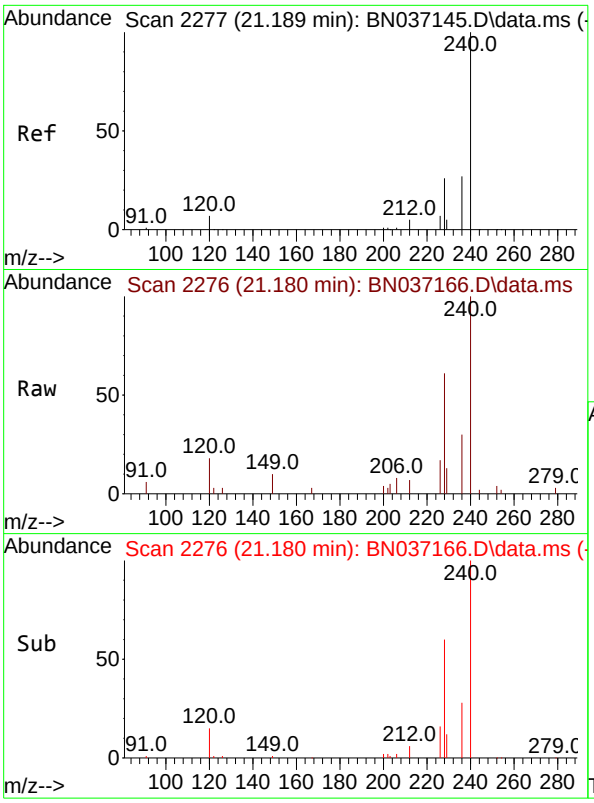


#28
Fluoranthene
Concen: 0.340 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:202 Resp: 8355

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.7	13.1
203	17.0	13.5	20.3



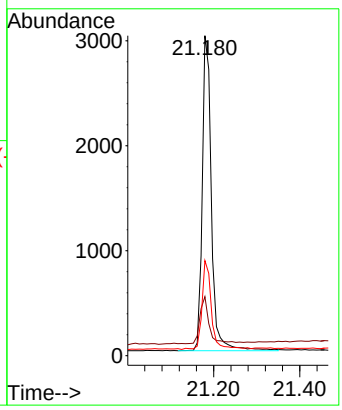


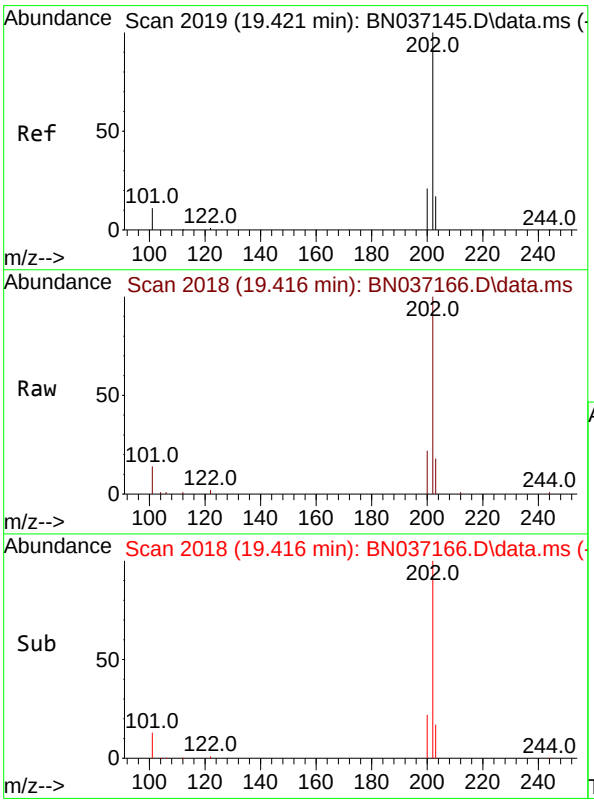
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4452

Ion	Ratio	Lower	Upper
240	100		
120	18.5	9.0	13.4#
236	29.7	23.0	34.4

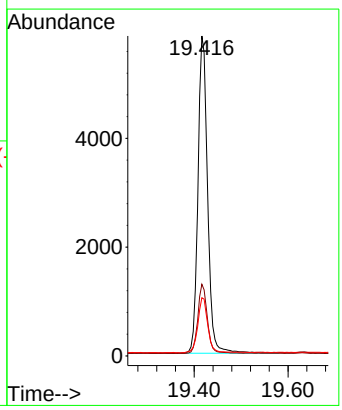


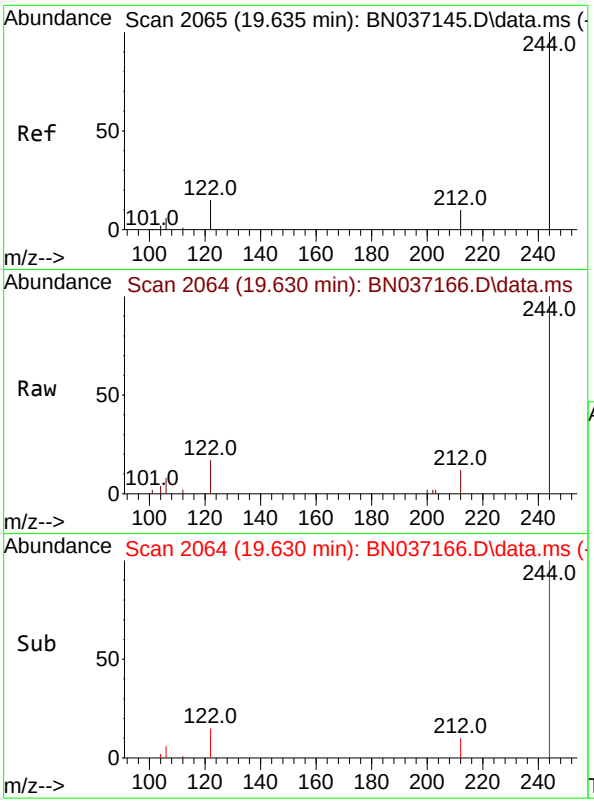


#30
Pyrene
Concen: 0.381 ng
RT: 19.416 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:202 Resp: 8281

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	18.2	14.2	21.4



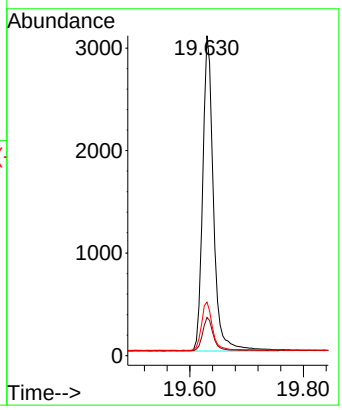


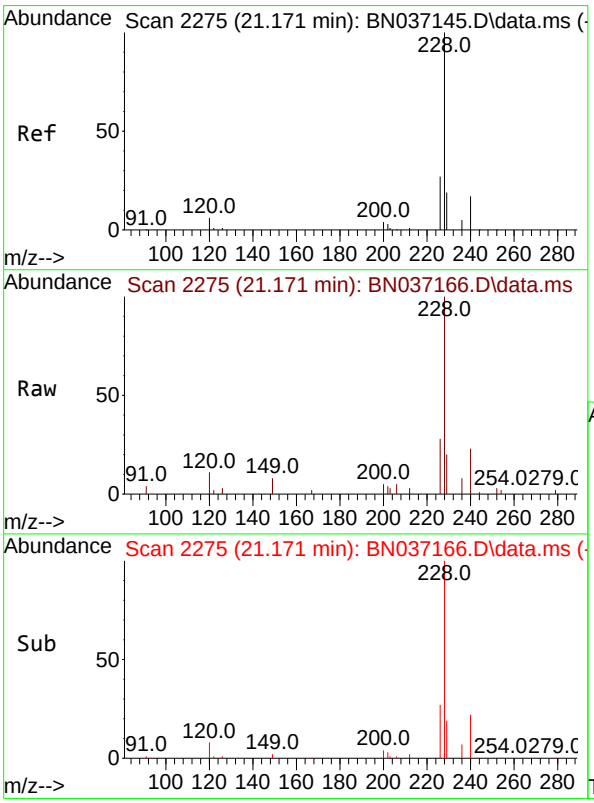
#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4046

Ion	Ratio	Lower	Upper
244	100		
212	11.9	10.0	15.0
122	16.7	13.2	19.8

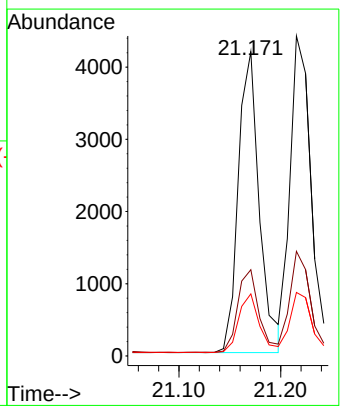


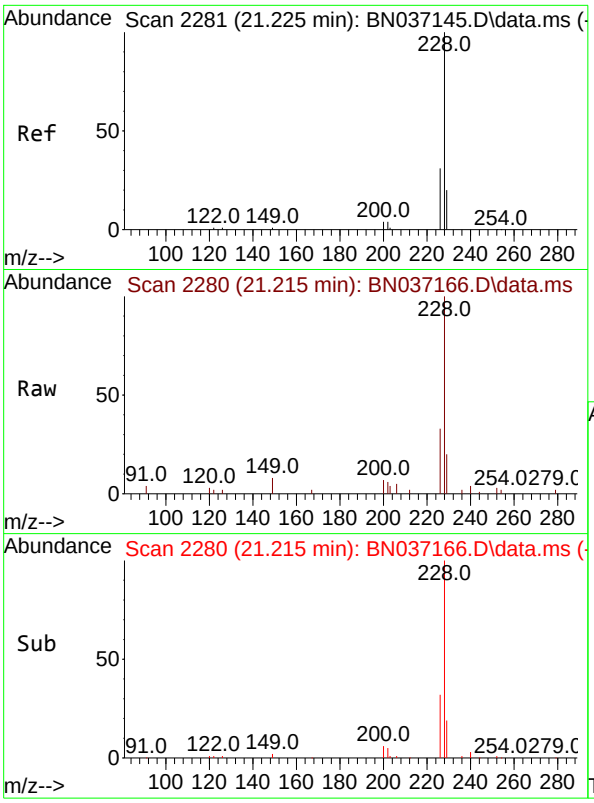


#32
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:228 Resp: 5983

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.4	16.2	24.2



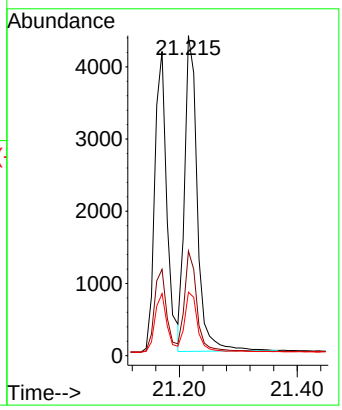


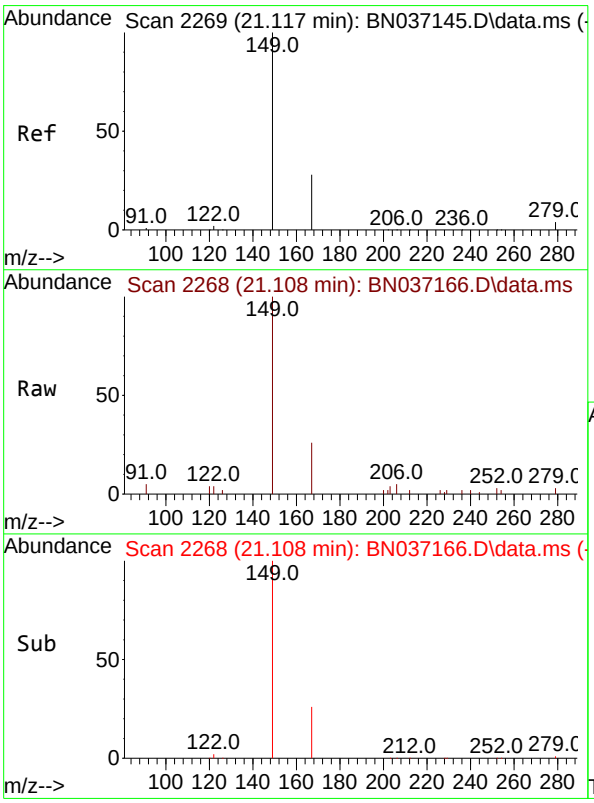
#33
Chrysene
Concen: 0.365 ng
RT: 21.215 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6546

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	19.9	16.8	25.2

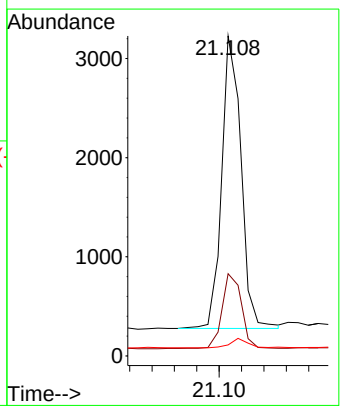


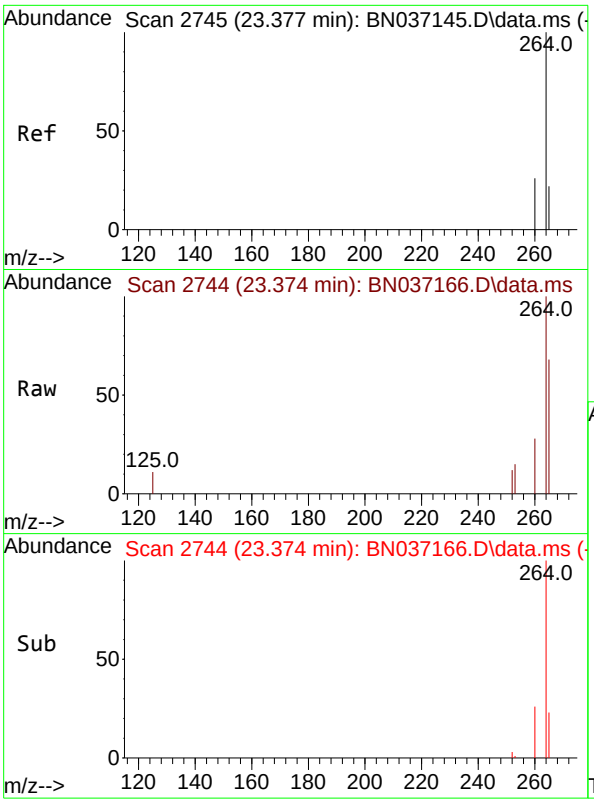


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.108 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:149 Resp: 3537

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	3.1	2.9	4.3



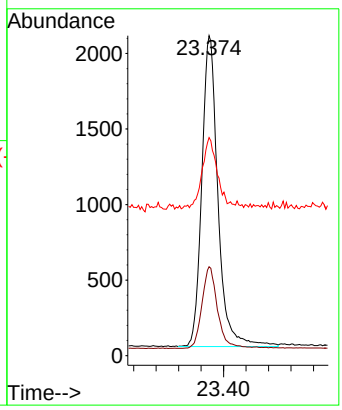


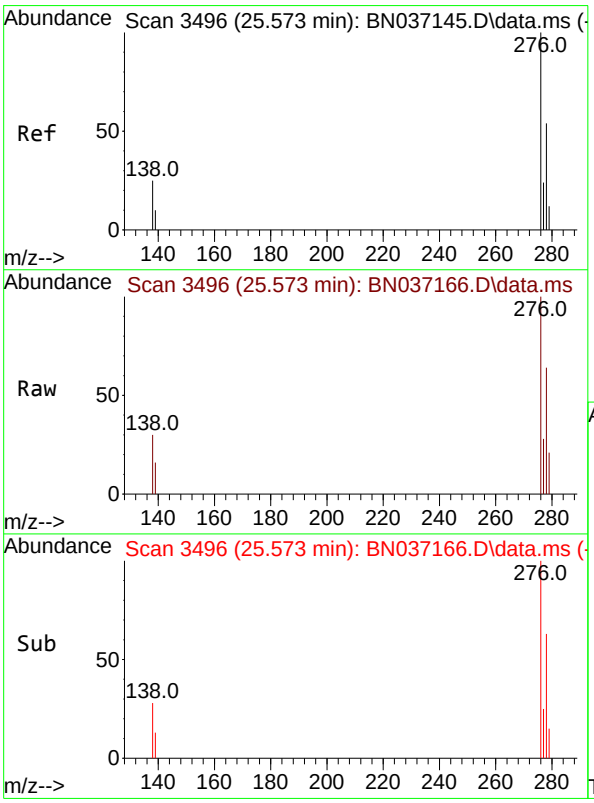
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 4092

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.1	33.1
265	68.1	55.8	83.8

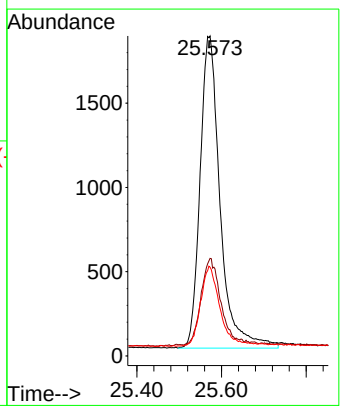


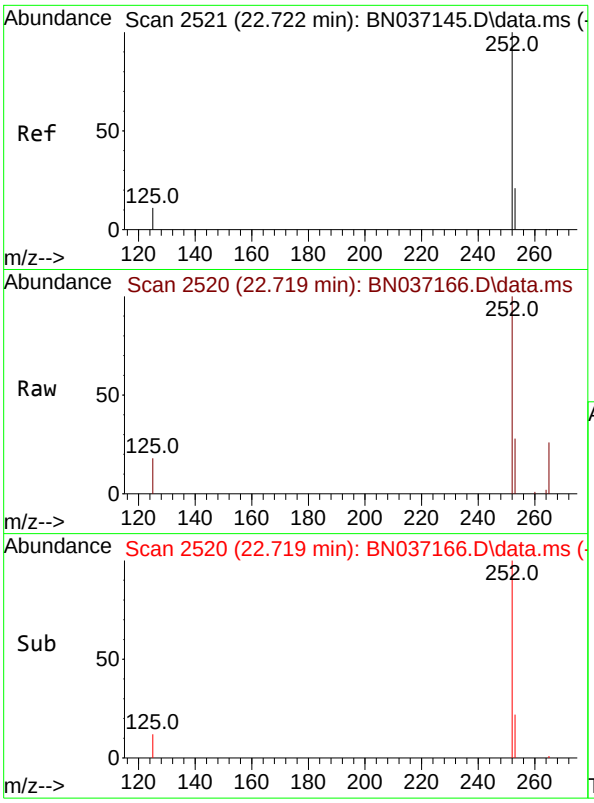


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 25.573 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:276 Resp: 6087

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.0	31.6
277	24.7	19.4	29.2



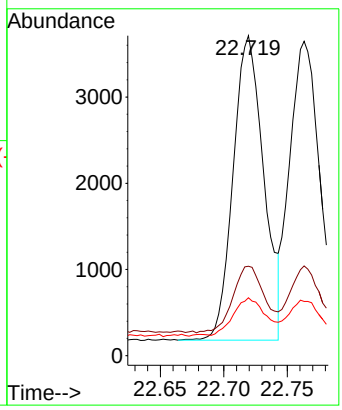


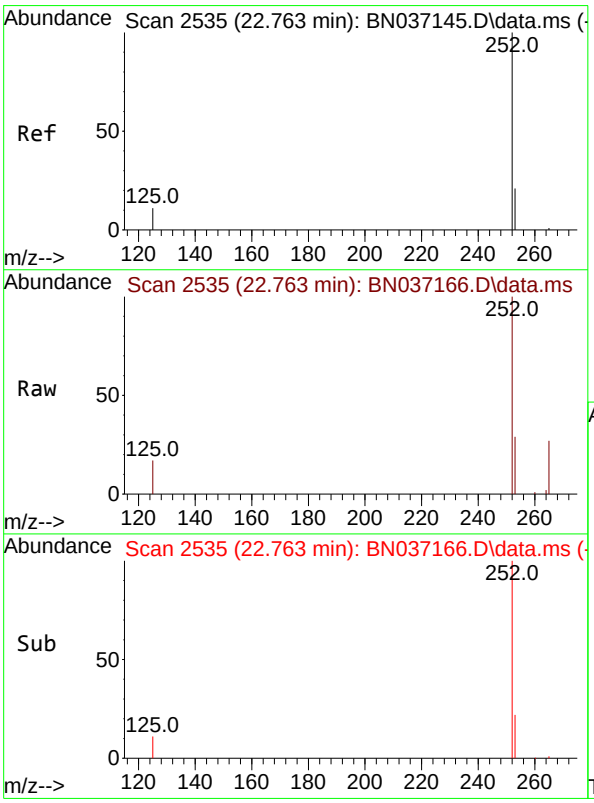
#37
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.719 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5916

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.3	33.5
125	18.1	13.2	19.8

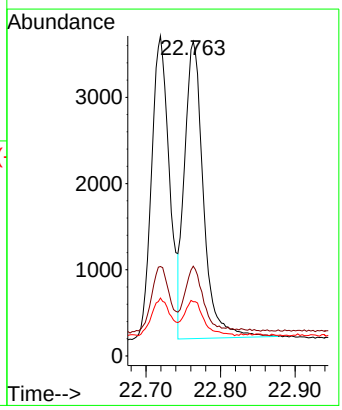


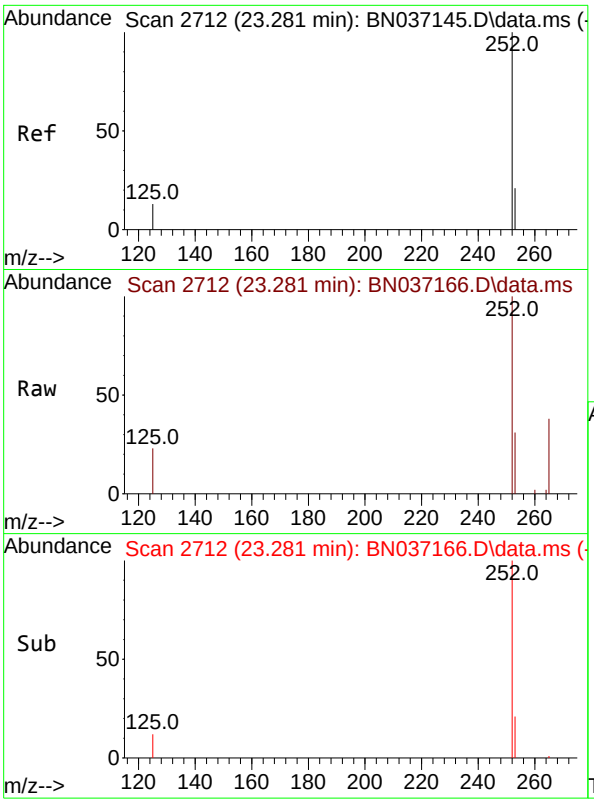


#38
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.763 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:252 Resp: 6048

Ion	Ratio	Lower	Upper
252	100		
253	28.5	22.2	33.4
125	17.2	13.2	19.8



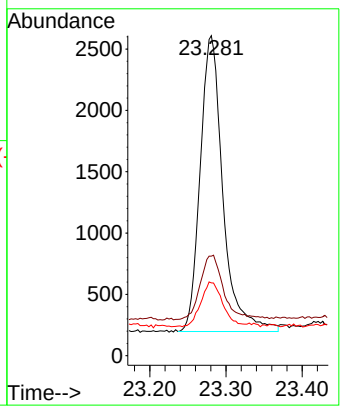


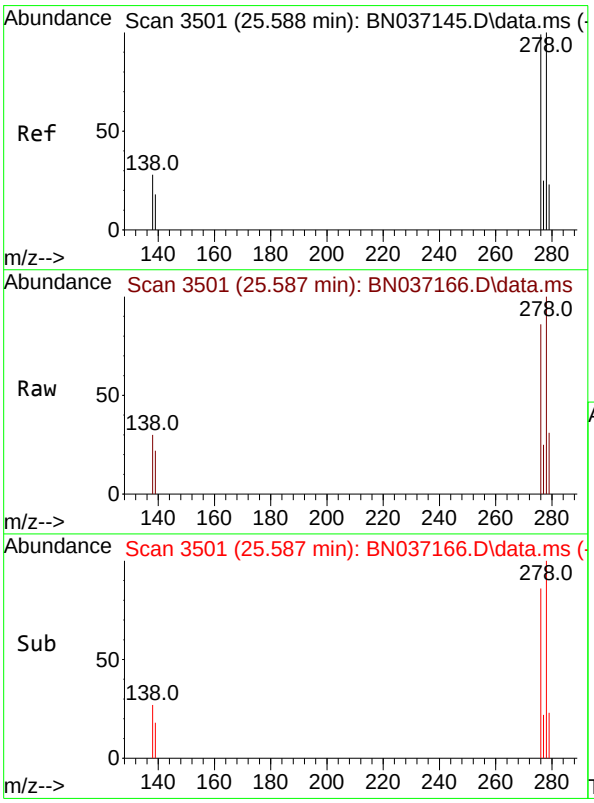
#39
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.281 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4995

Ion	Ratio	Lower	Upper
252	100		
253	31.1	25.0	37.4
125	22.8	17.0	25.6

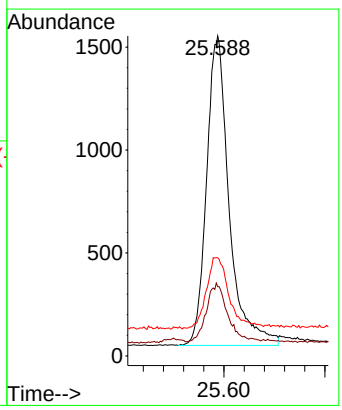


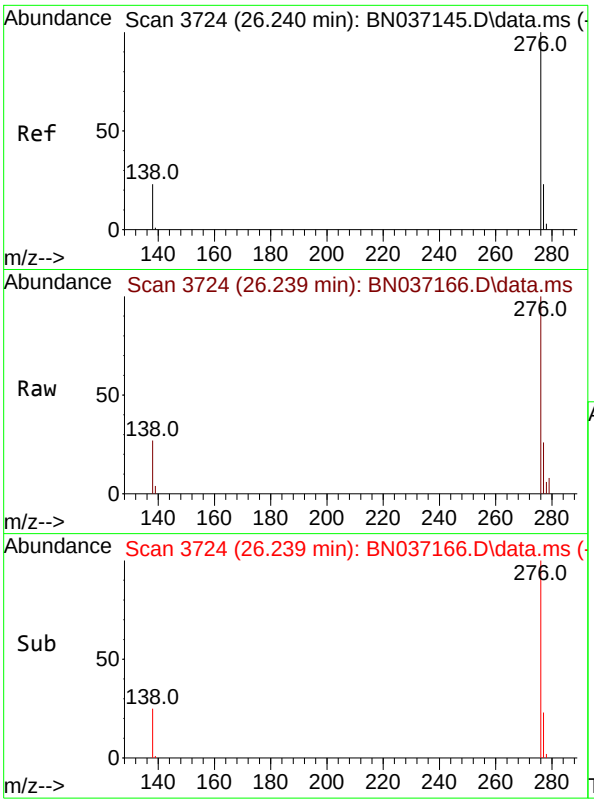


#40
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 25.587 min Scan# 3501
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Tgt Ion:278 Resp: 4662

Ion	Ratio	Lower	Upper
278	100		
139	21.6	17.6	26.4
279	30.7	26.0	39.0





#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 26.239 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037166.D
Acq: 04 Jun 2025 10:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5291

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.9	31.3
138	27.4	20.8	31.2