Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038198.D
Acq On : 13 Nov 2025 12:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 13 12:55:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

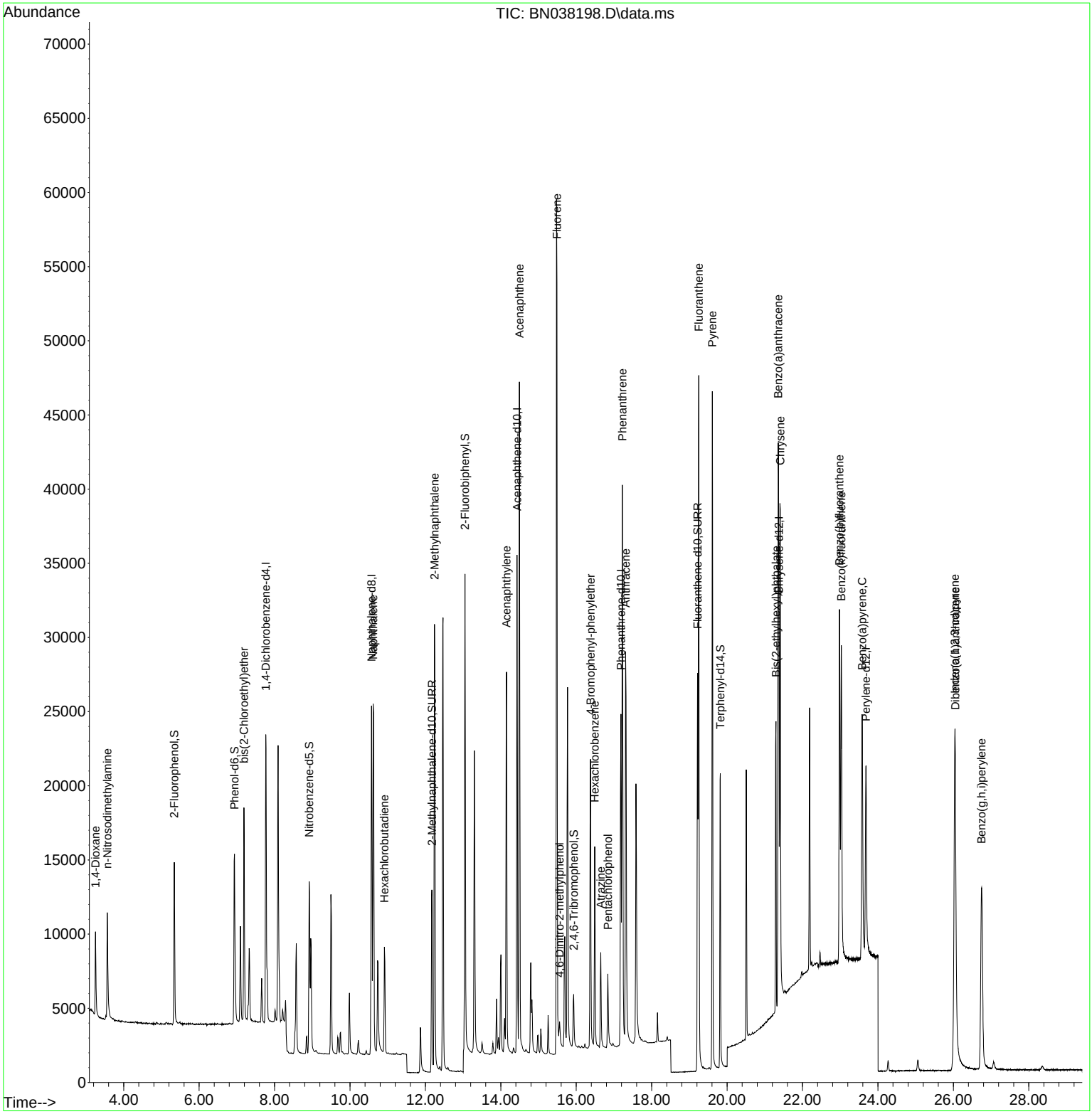
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	10040	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	31592	0.400	ng		0.00
13) Acenaphthene-d10	14.430	164	18577	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	34361	0.400	ng	#	0.00
29) Chrysene-d12	21.376	240	21808	0.400	ng		0.00
35) Perylene-d12	23.683	264	18964	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	9469	0.400	ng		0.00
5) Phenol-d6	6.937	99	11898	0.413	ng		0.00
8) Nitrobenzene-d5	8.918	82	10218	0.401	ng		-0.01
11) 2-Methylnaphthalene-d10	12.172	152	17860	0.396	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2584	0.338	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	27324	0.367	ng		0.00
27) Fluoranthene-d10	19.215	212	30777	0.355	ng		0.00
31) Terphenyl-d14	19.819	244	20981	0.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	3916	0.377	ng		98
3) n-Nitrosodimethylamine	3.564	42	5311	0.398	ng		94
6) bis(2-Chloroethyl)ether	7.190	93	11116	0.393	ng		100
9) Naphthalene	10.616	128	34377	0.395	ng		99
10) Hexachlorobutadiene	10.915	225	5859	0.399	ng	#	98
12) 2-Methylnaphthalene	12.243	142	22981	0.396	ng		99
16) Acenaphthylene	14.153	152	31526	0.375	ng		100
17) Acenaphthene	14.495	154	22152	0.376	ng		98
18) Fluorene	15.489	166	29025	0.376	ng		98
20) 4,6-Dinitro-2-methylph...	15.560	198	1226	0.371	ng		93
21) 4-Bromophenyl-phenylether	16.379	248	8816	0.391	ng	#	88
22) Hexachlorobenzene	16.491	284	10526	0.411	ng		99
23) Atrazine	16.652	200	5722	0.347	ng		98
24) Pentachlorophenol	16.838	266	2918	0.264	ng		98
25) Phenanthrene	17.223	178	41988	0.385	ng		100
26) Anthracene	17.310	178	35293	0.370	ng		99
28) Fluoranthene	19.248	202	43862	0.360	ng		100
30) Pyrene	19.610	202	43076	0.438	ng		100
32) Benzo(a)anthracene	21.358	228	29412	0.378	ng		99
33) Chrysene	21.411	228	33231	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	19352	0.472	ng		99
36) Indeno(1,2,3-cd)pyrene	26.037	276	33765	0.433	ng		98
37) Benzo(b)fluoranthene	22.981	252	30534	0.377	ng		96
38) Benzo(k)fluoranthene	23.028	252	31452	0.385	ng		99
39) Benzo(a)pyrene	23.581	252	25562	0.394	ng	#	92
40) Dibenzo(a,h)anthracene	26.051	278	25784	0.430	ng		97
41) Benzo(g,h,i)perylene	26.747	276	29305	0.428	ng		100

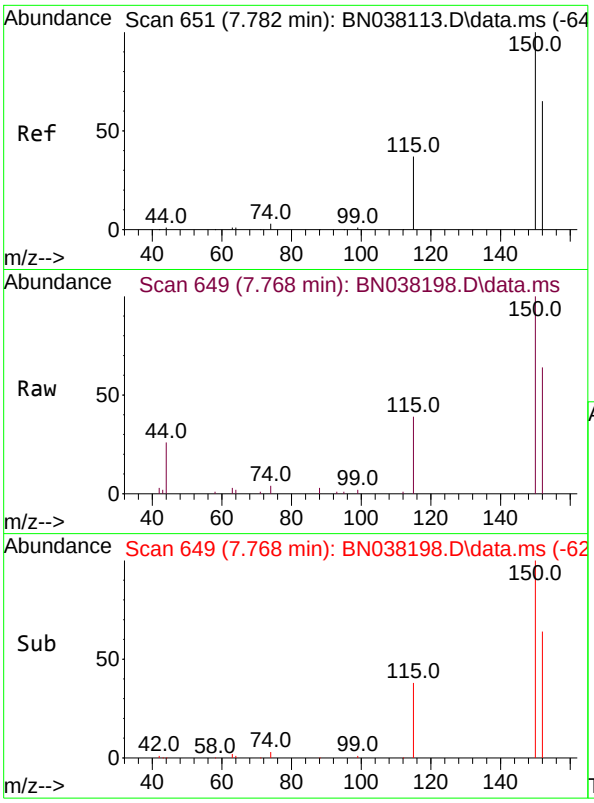
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038198.D
Acq On : 13 Nov 2025 12:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 13 12:55:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



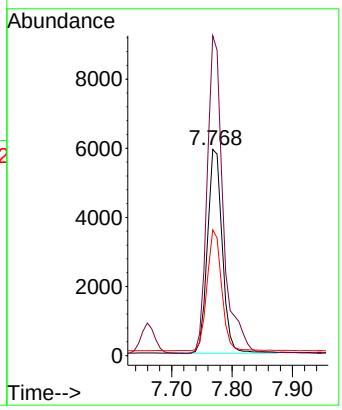


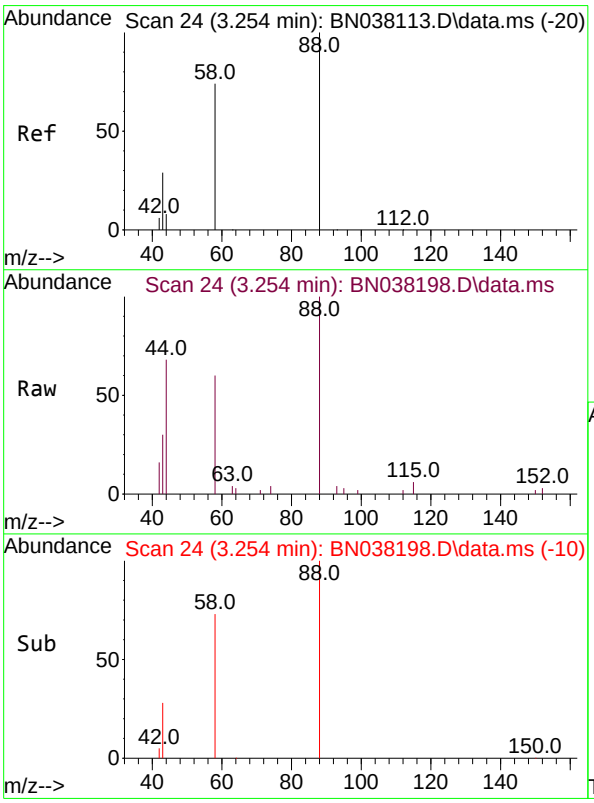
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 10040

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.3	183.5
115	61.0	47.4	71.0

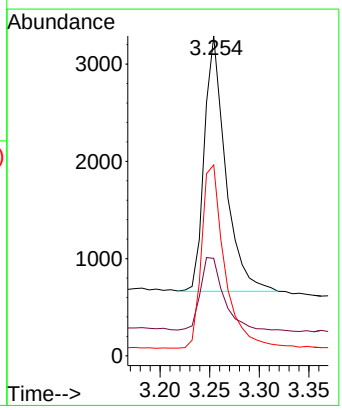


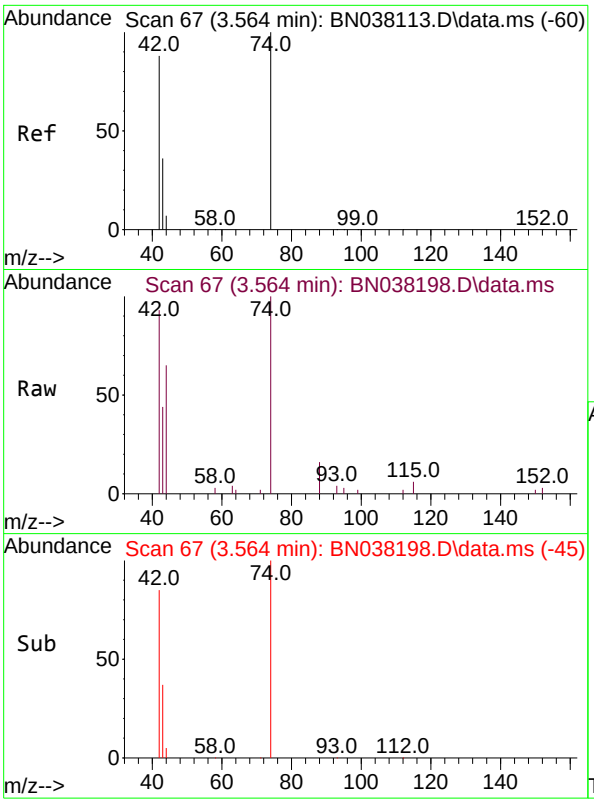


#2
1,4-Dioxane
Concen: 0.377 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion: 88 Resp: 3916

Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.3	36.5
58	77.9	60.4	90.6



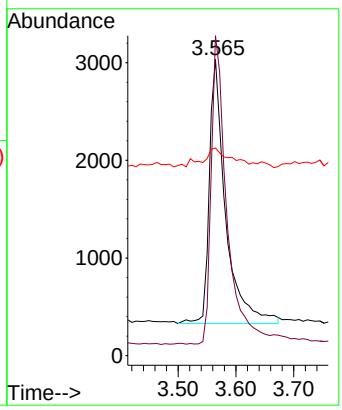


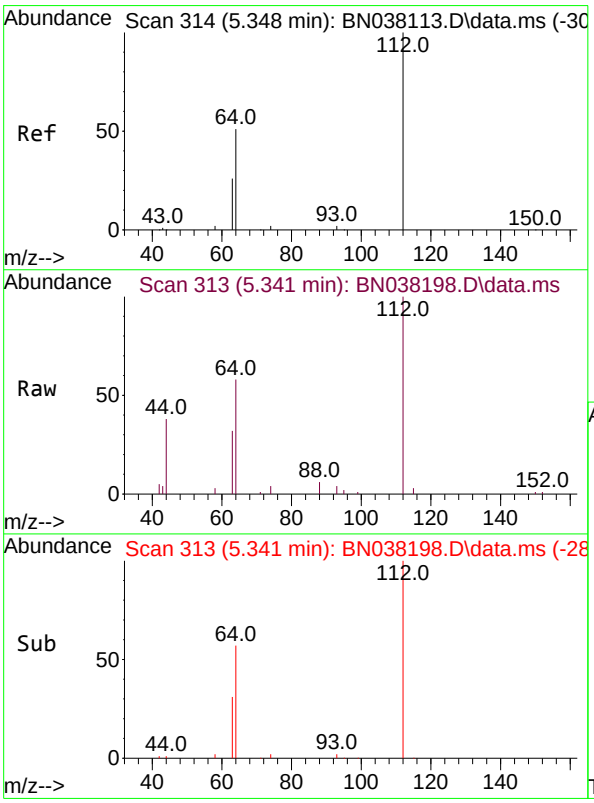
#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 5311

Ion	Ratio	Lower	Upper
42	100		
74	113.9	96.8	145.2
44	7.2	5.3	7.9

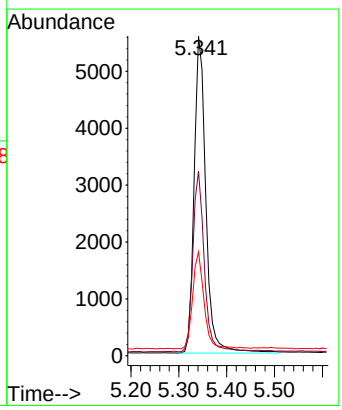


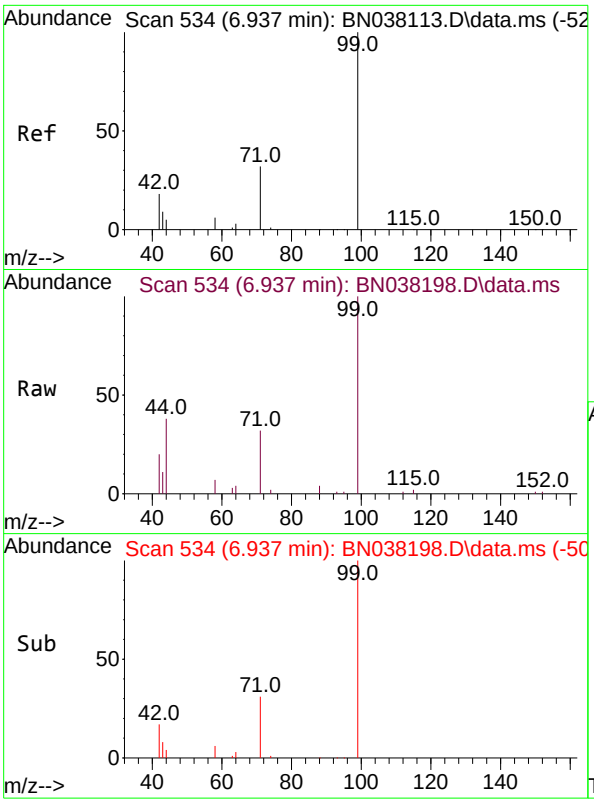


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:112 Resp: 9469

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.4	68.0
63	29.4	23.2	34.8



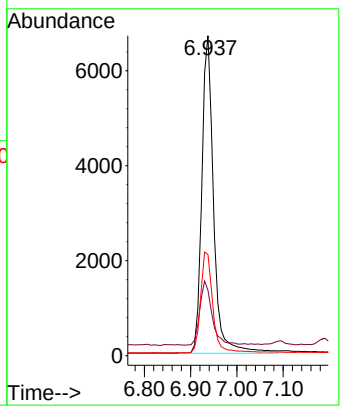


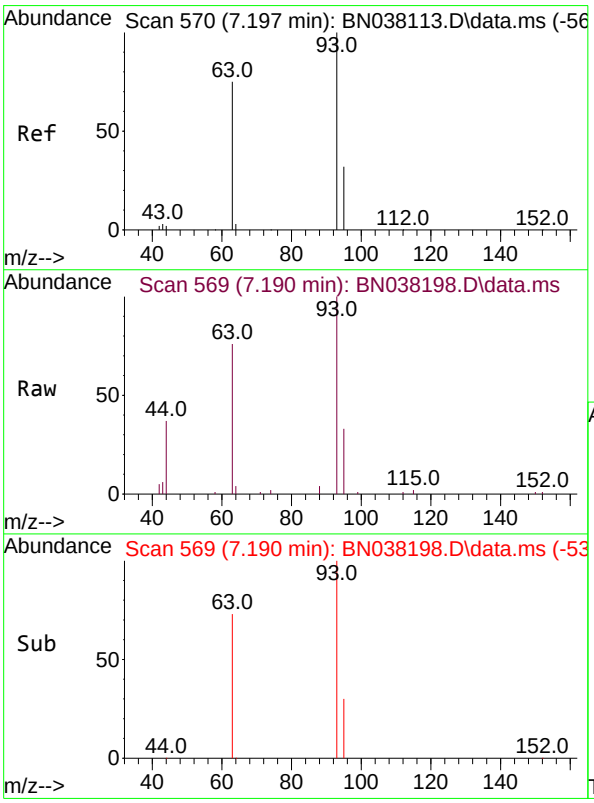
#5
Phenol-d6
Concen: 0.413 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 11898

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	24.8
71	32.6	25.4	38.2

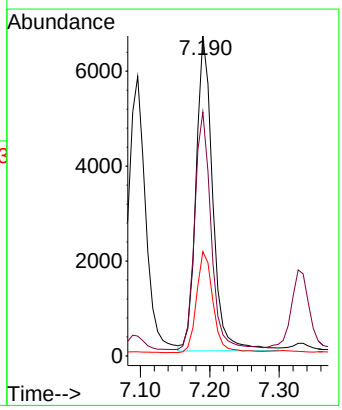


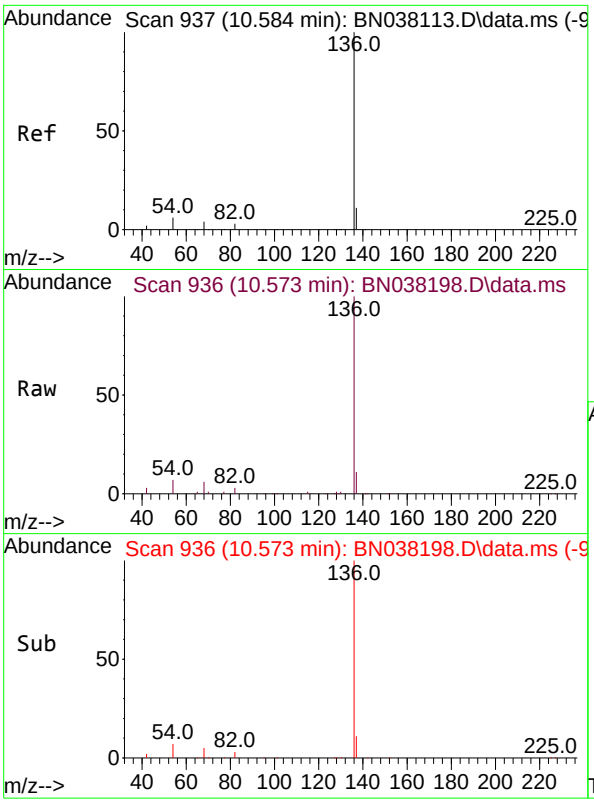


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.190 min Scan# 569
Delta R.T. -0.007 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion: 93 Resp: 11116

Ion	Ratio	Lower	Upper
93	100		
63	74.3	59.3	88.9
95	31.8	25.2	37.8



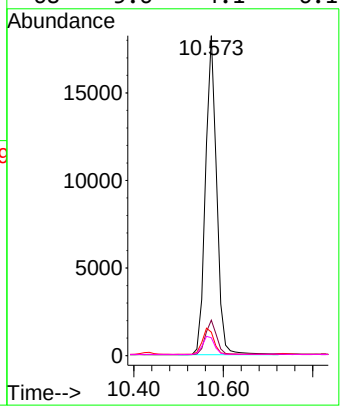


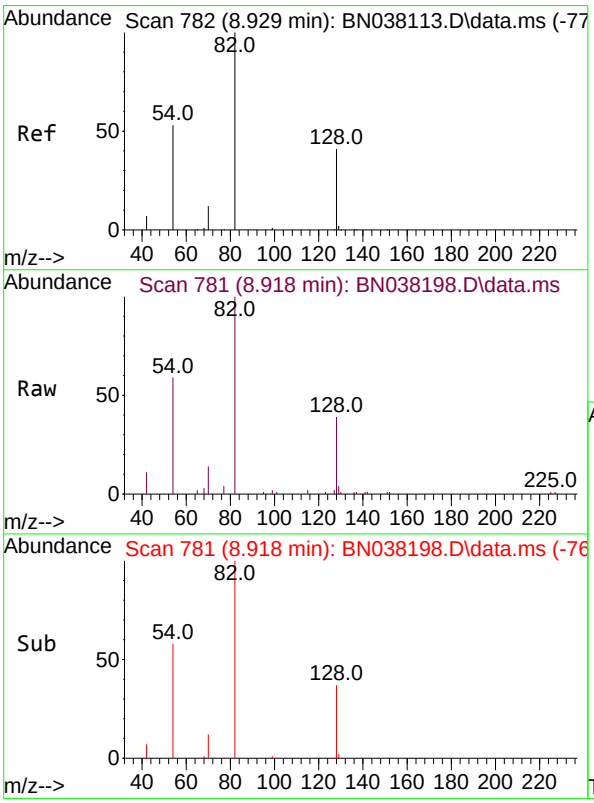
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 31592

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	5.2	7.8
68	5.6	4.1	6.1

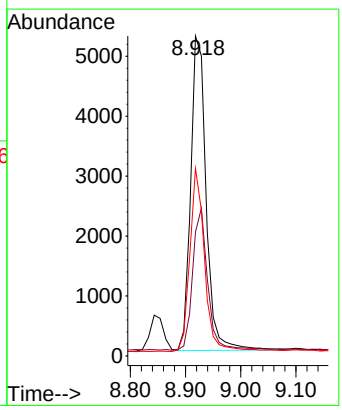


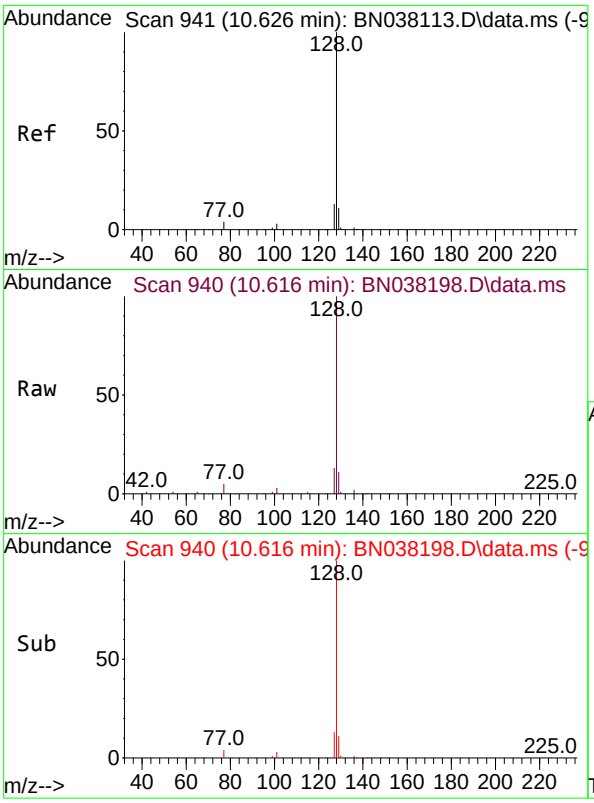


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion: 82 Resp: 10218

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.1	51.1
54	58.6	43.5	65.3



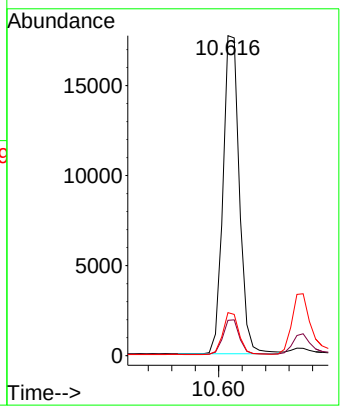


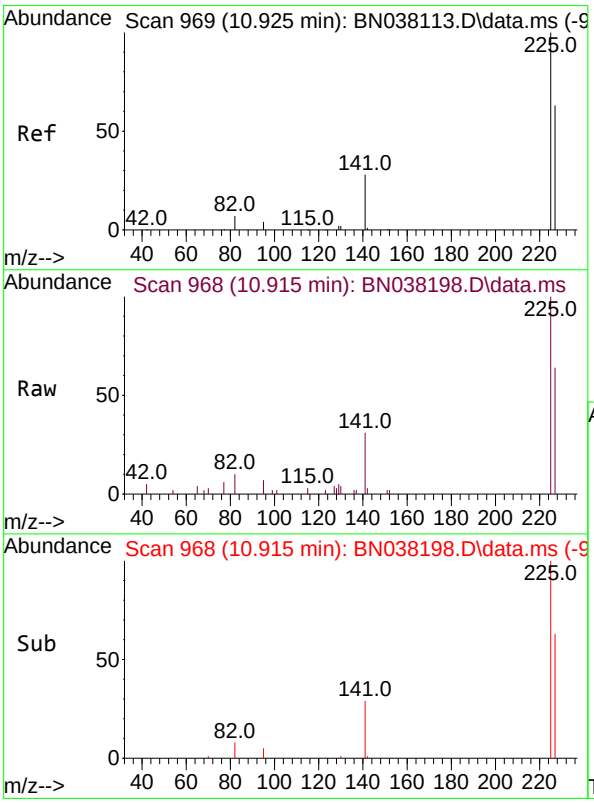
#9
Naphthalene
Concen: 0.395 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 34377

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.4	10.5	15.7

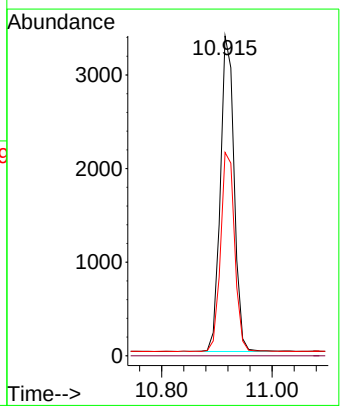


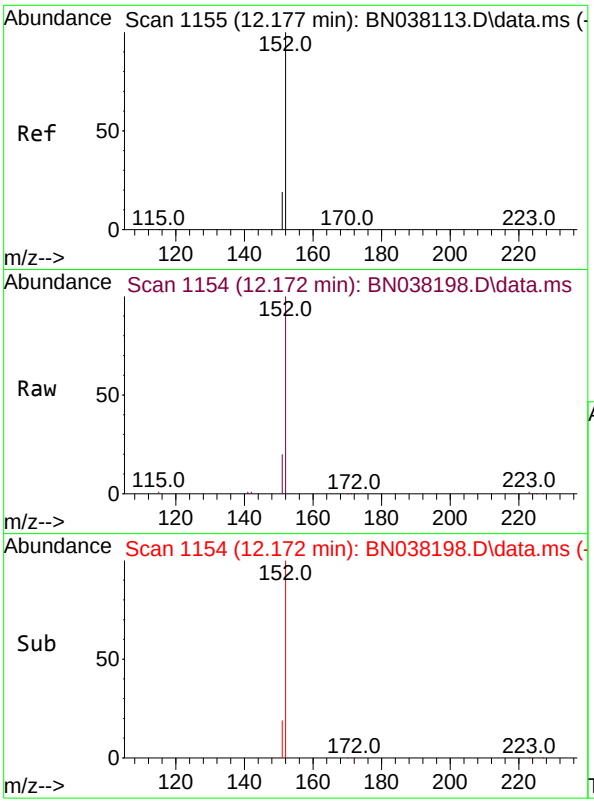


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.915 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:225 Resp: 5859

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.3	75.5



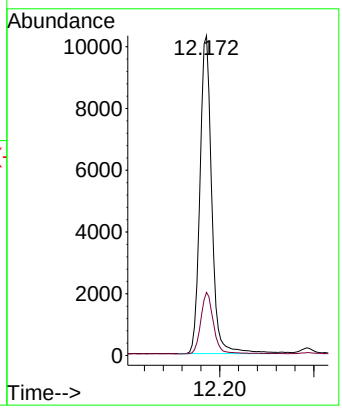


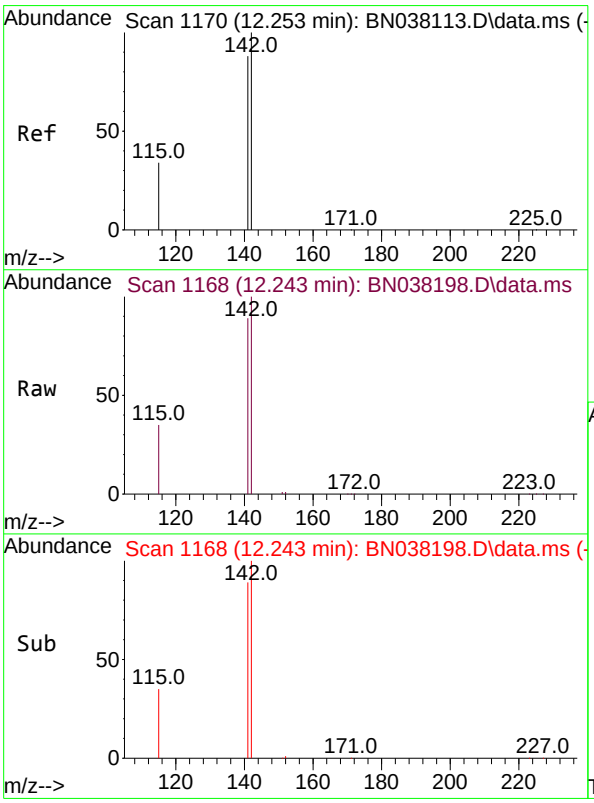
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 17860

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2

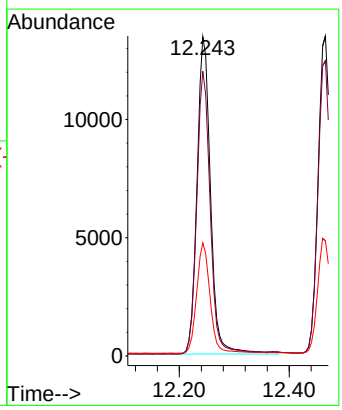


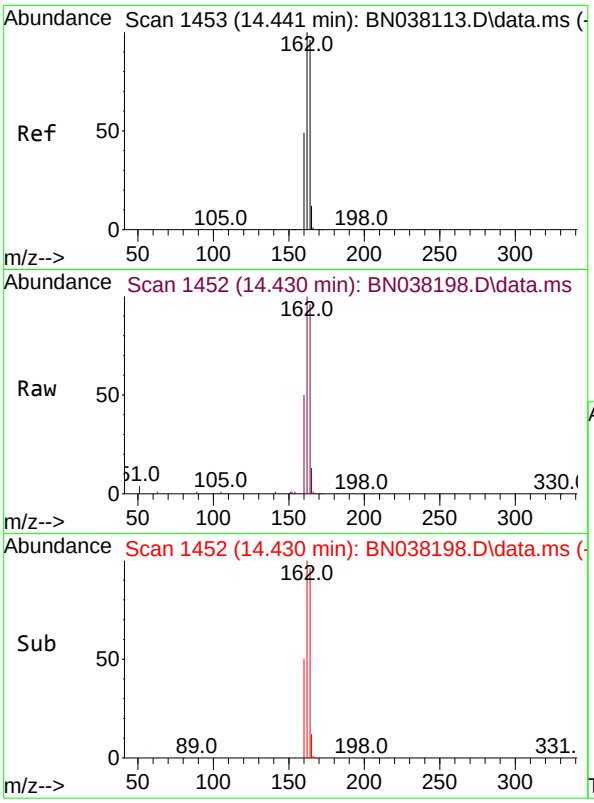


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.243 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:142 Resp: 22981

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	35.4	27.8	41.6



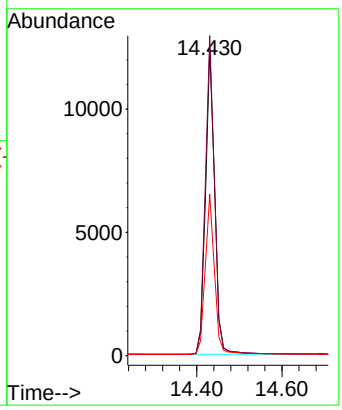


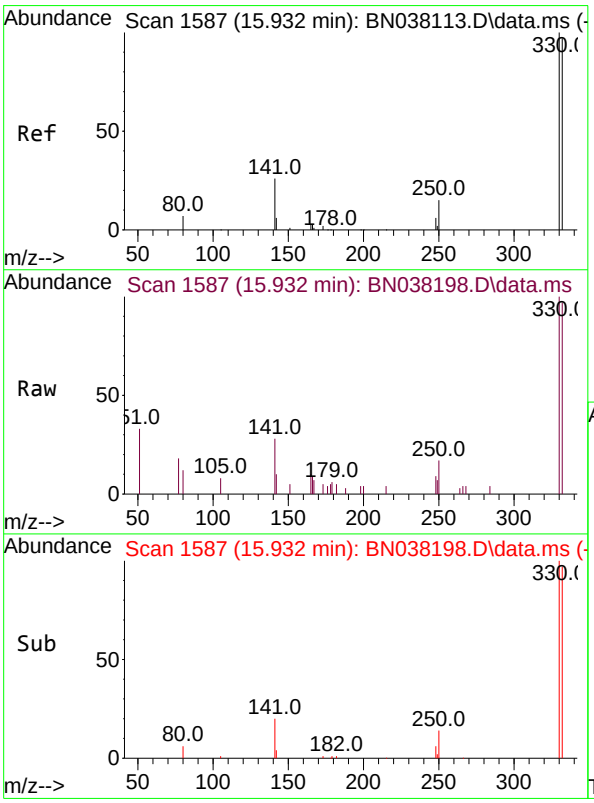
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 18577

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.4
160	52.6	40.7	61.1

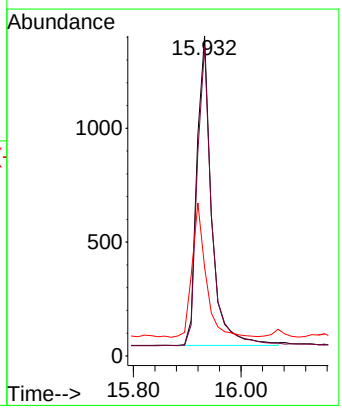


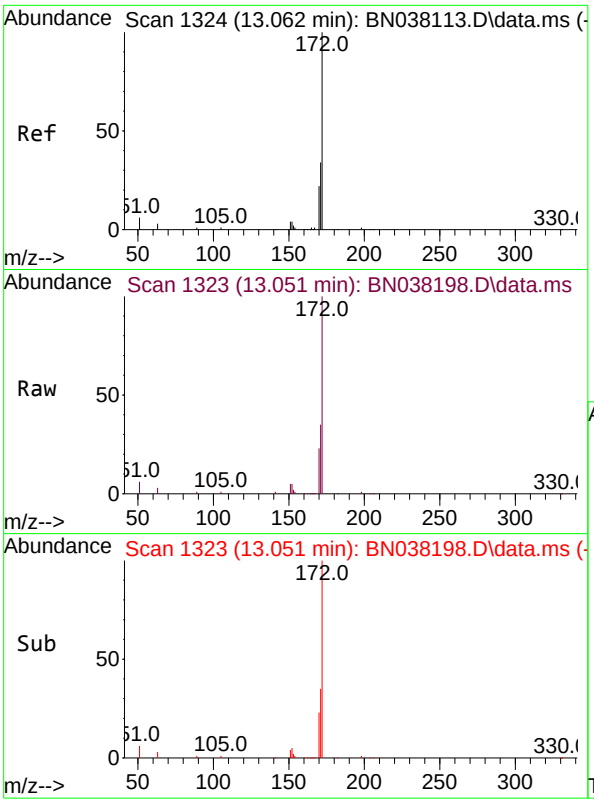


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:330 Resp: 2584

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	40.8	34.1	51.1



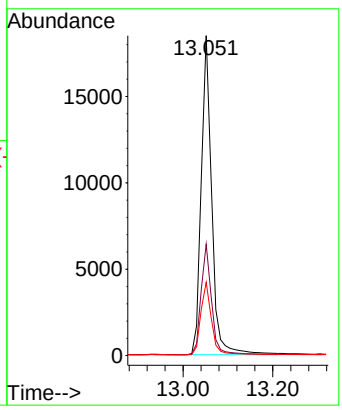


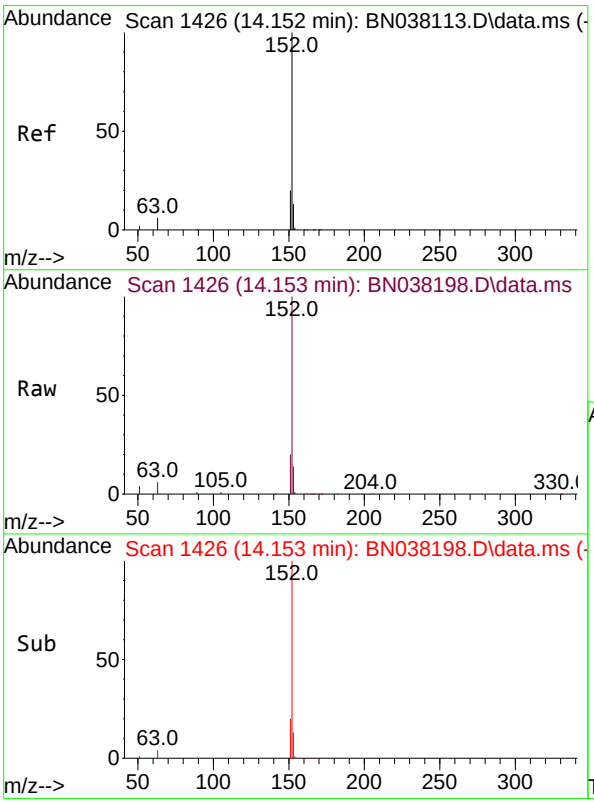
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 27324

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	22.9	18.1	27.1

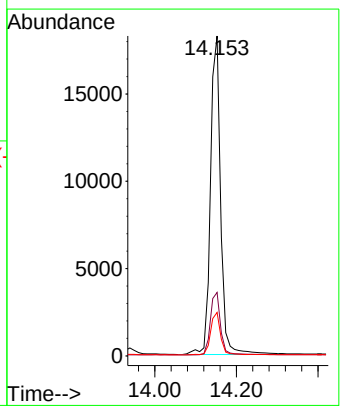


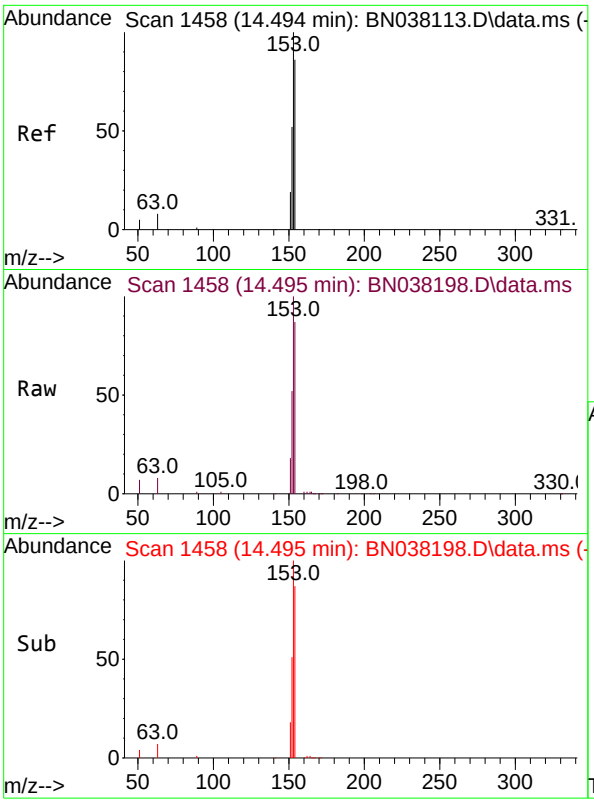


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.153 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:152 Resp: 31526

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.2	15.2



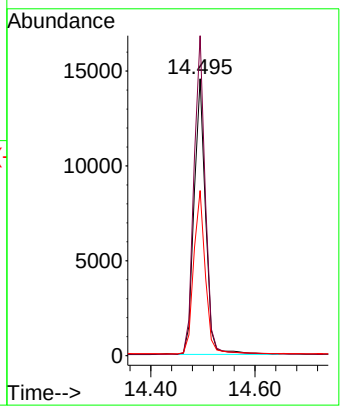


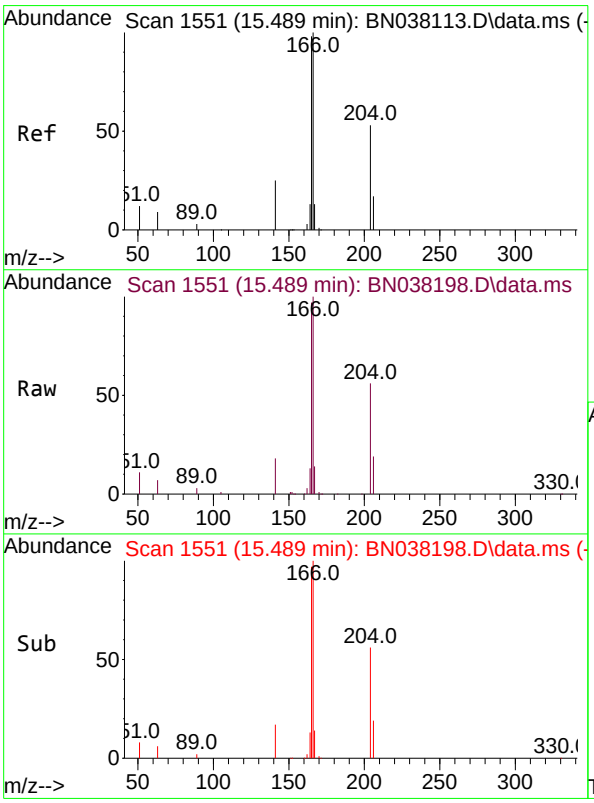
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 22152

Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.0	135.0
152	60.0	47.3	70.9

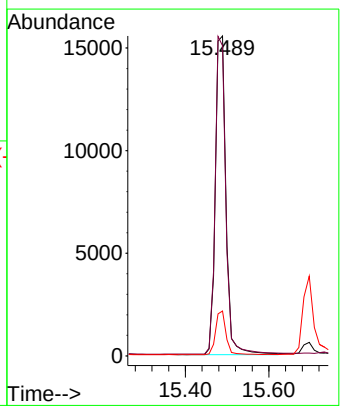


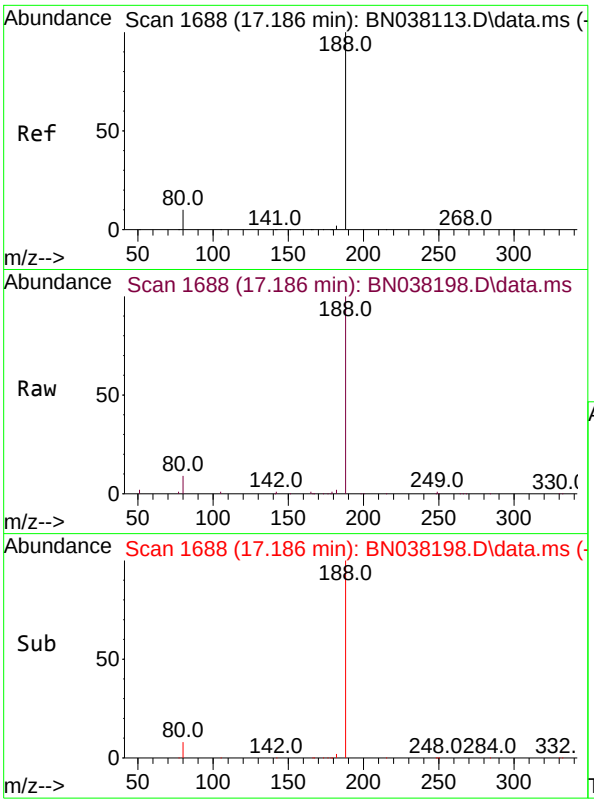


#18
Fluorene
Concen: 0.376 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:166 Resp: 29025

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.0	118.4
167	13.6	10.7	16.1



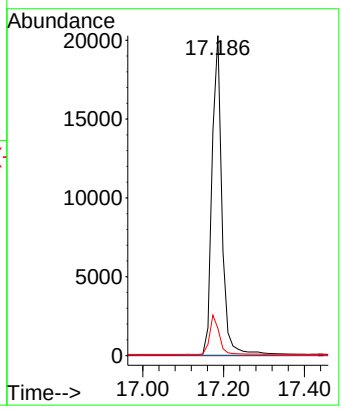


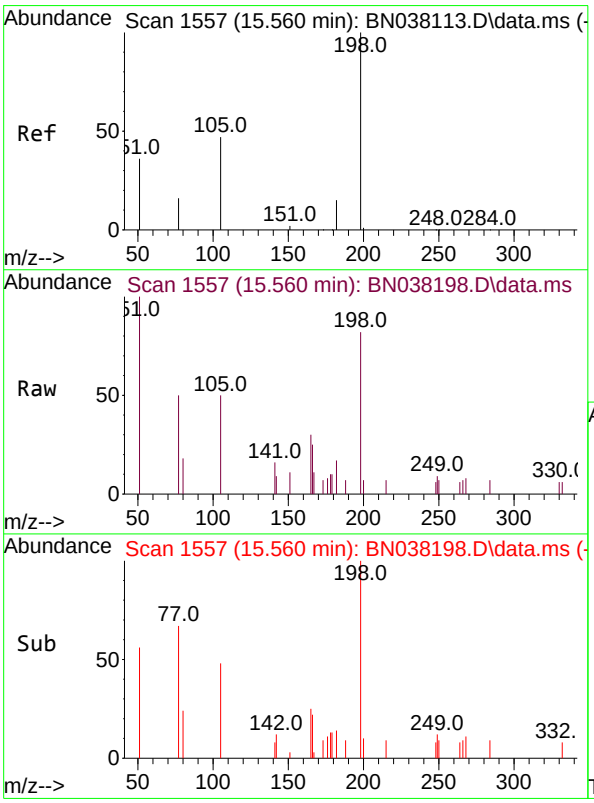
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 34361

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	8.6	13.0#

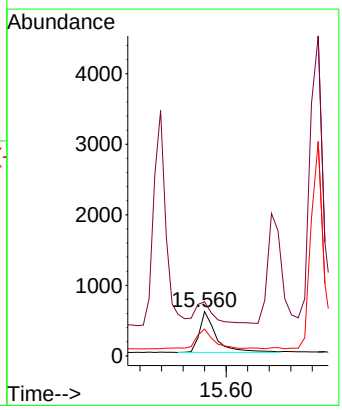


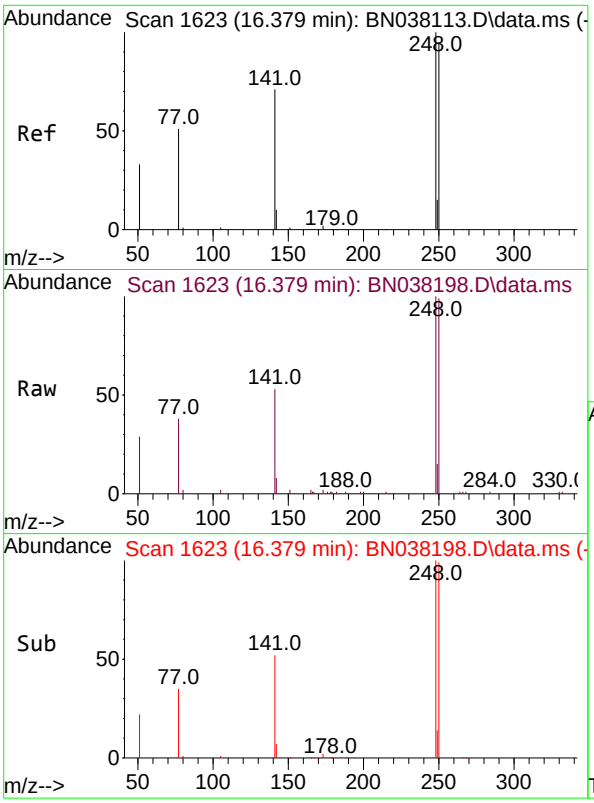


#20
4,6-Dinitro-2-methylphenol
Concen: 0.371 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:198 Resp: 1226

Ion	Ratio	Lower	Upper
198	100		
51	122.3	88.9	133.3
105	60.8	49.2	73.8



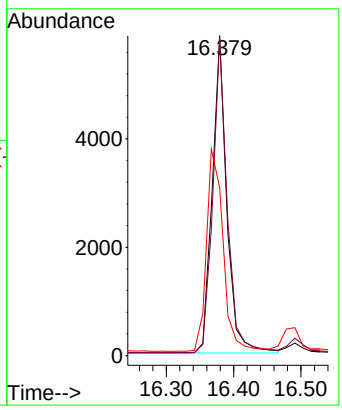


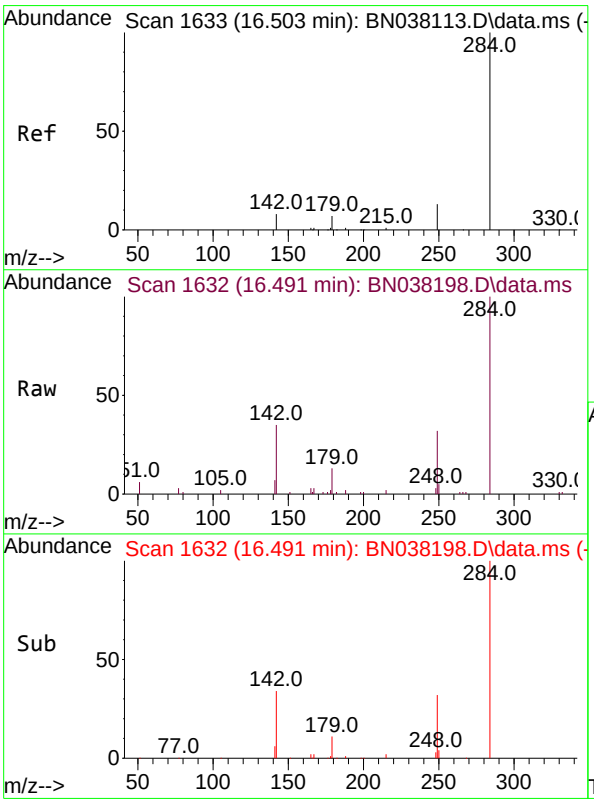
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 8816

Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.2	114.2
141	52.6	57.6	86.4#

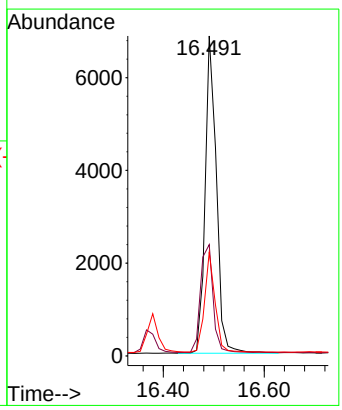


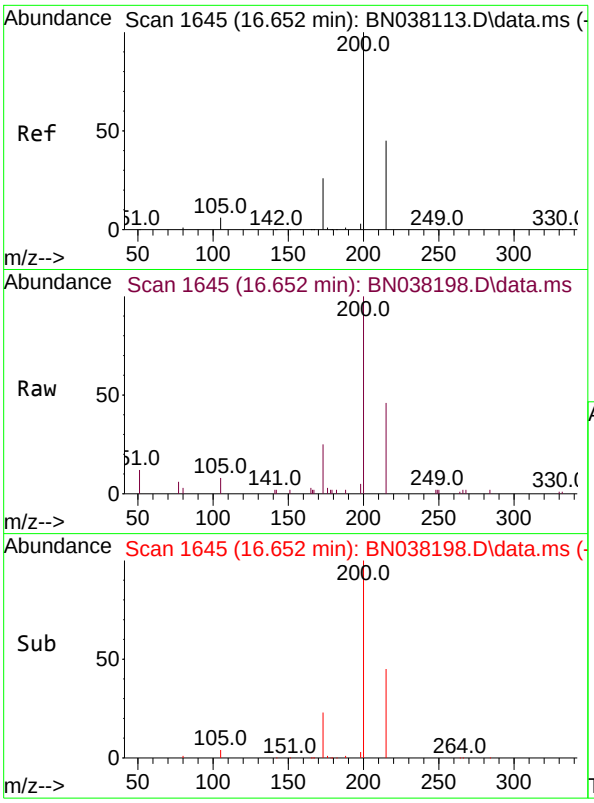


#22
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.491 min Scan# 1632
Delta R.T. -0.012 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:284 Resp: 10526

Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.5	45.7
249	30.1	23.5	35.3



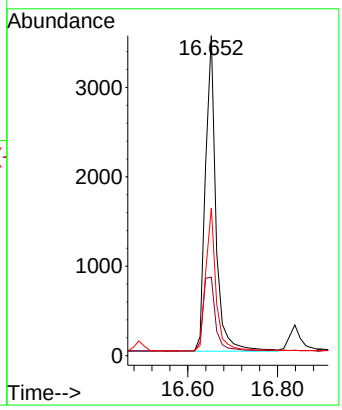


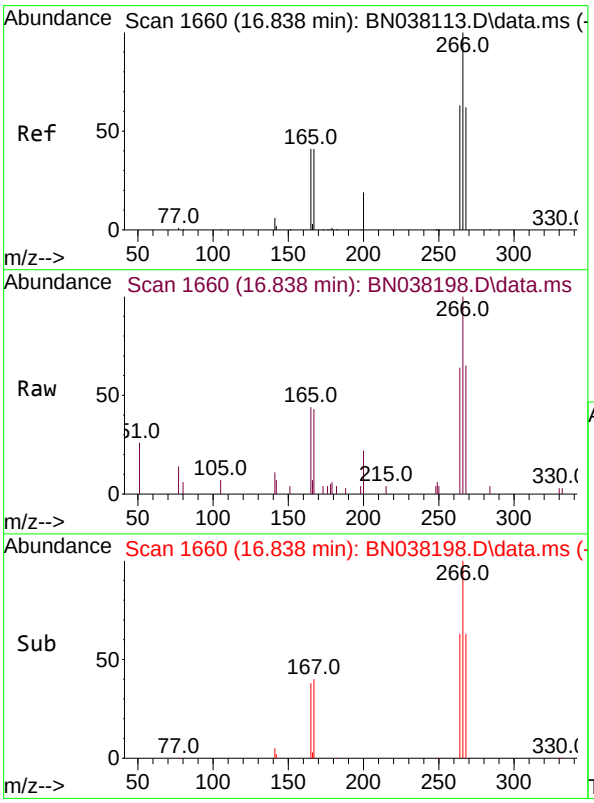
#23
Atrazine
Concen: 0.347 ng
RT: 16.652 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 5722

Ion	Ratio	Lower	Upper
200	100		
173	24.5	21.4	32.2
215	46.1	36.7	55.1

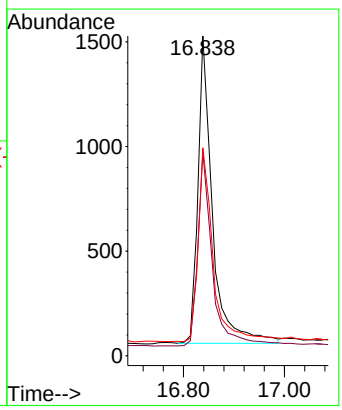


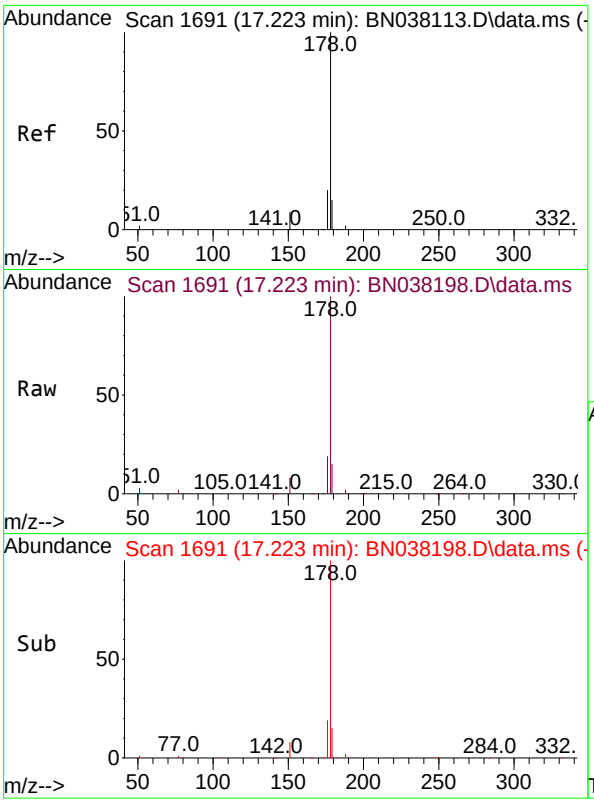


#24
Pentachlorophenol
Concen: 0.264 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:266 Resp: 2918

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.3	73.9
268	64.9	50.6	75.8



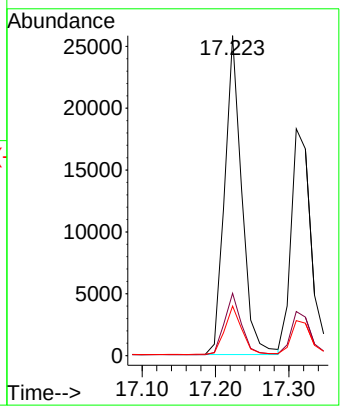


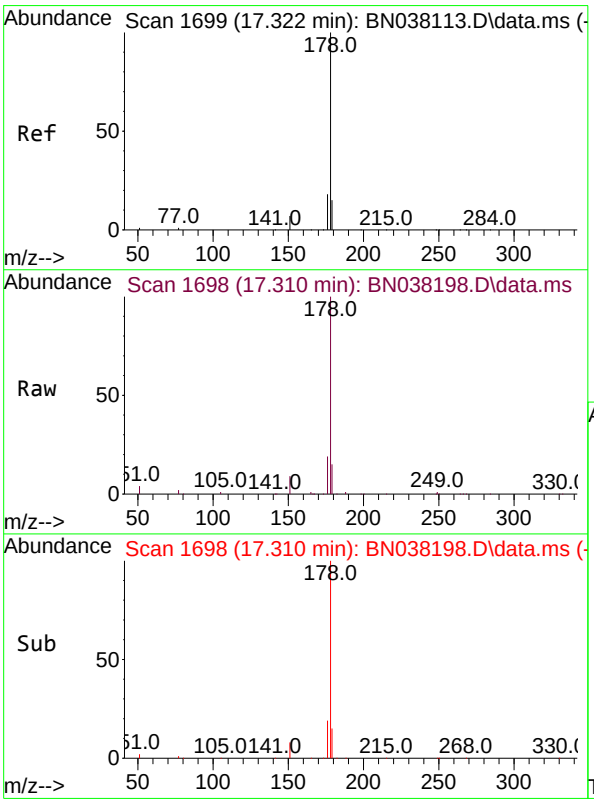
#25
Phenanthrene
Concen: 0.385 ng
RT: 17.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 41988

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.3	12.2	18.4

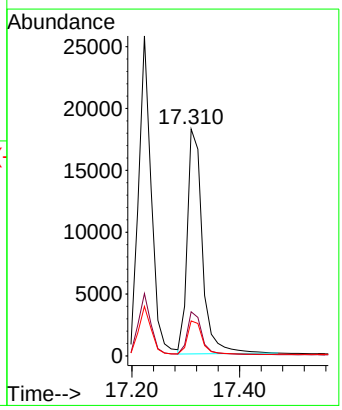


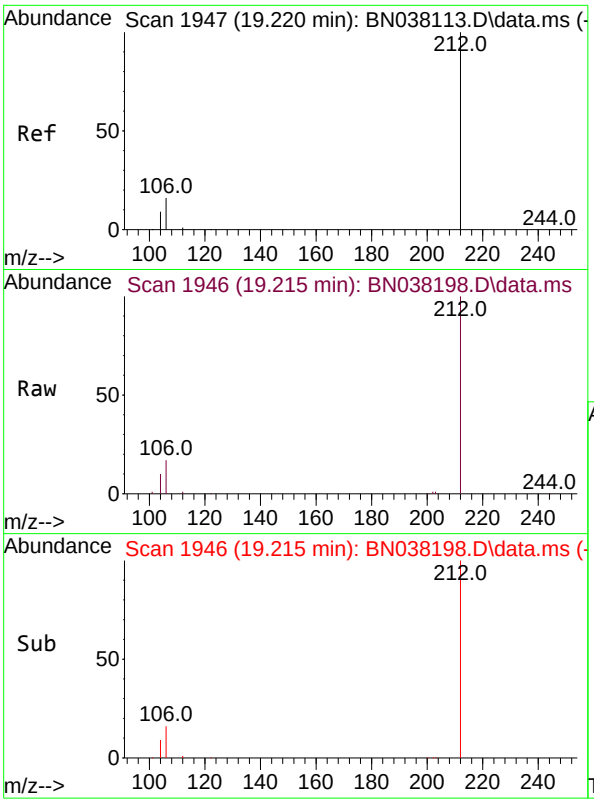


#26
Anthracene
Concen: 0.370 ng
RT: 17.310 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:178 Resp: 35293

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	11.8	17.8



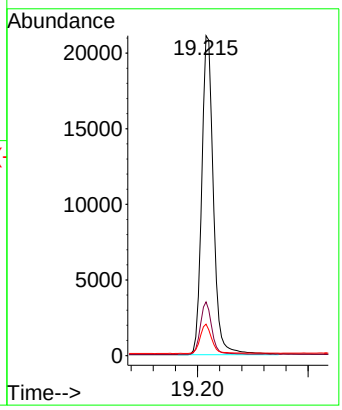


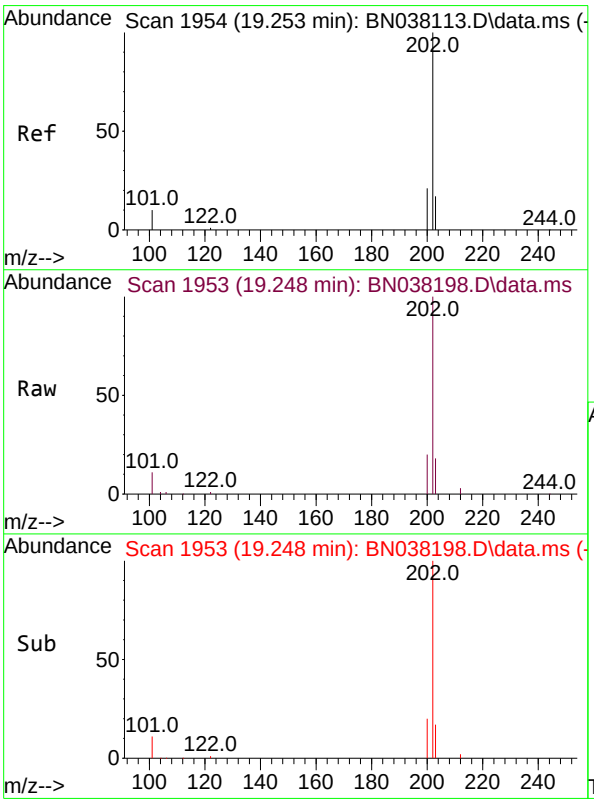
#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.215 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 30777

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.0	7.1	10.7

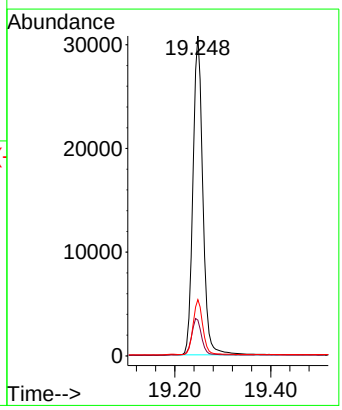


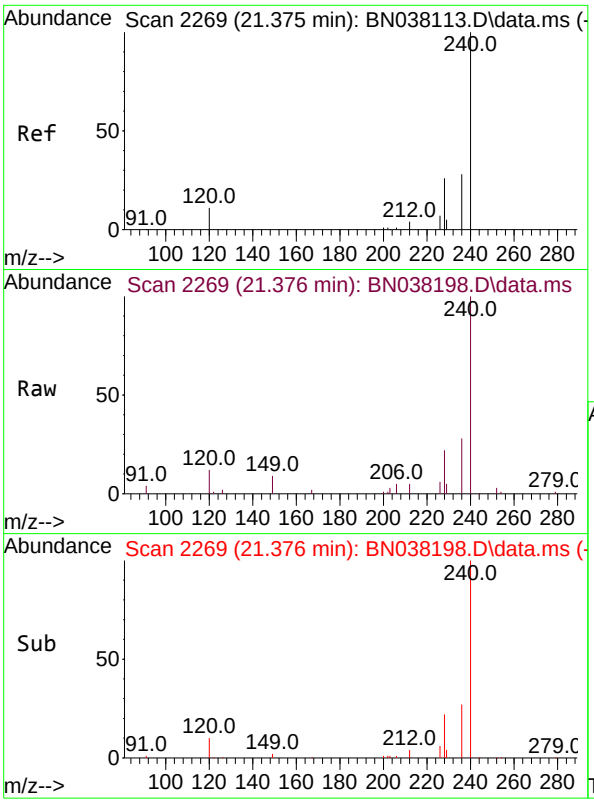


#28
Fluoranthene
Concen: 0.360 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:202 Resp: 43862

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.2
203	16.8	13.4	20.2



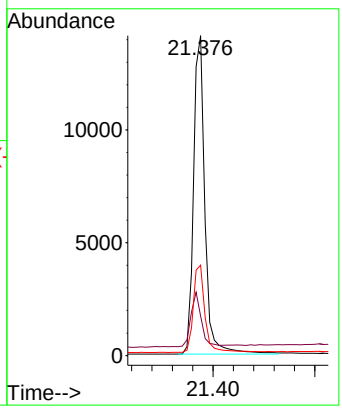


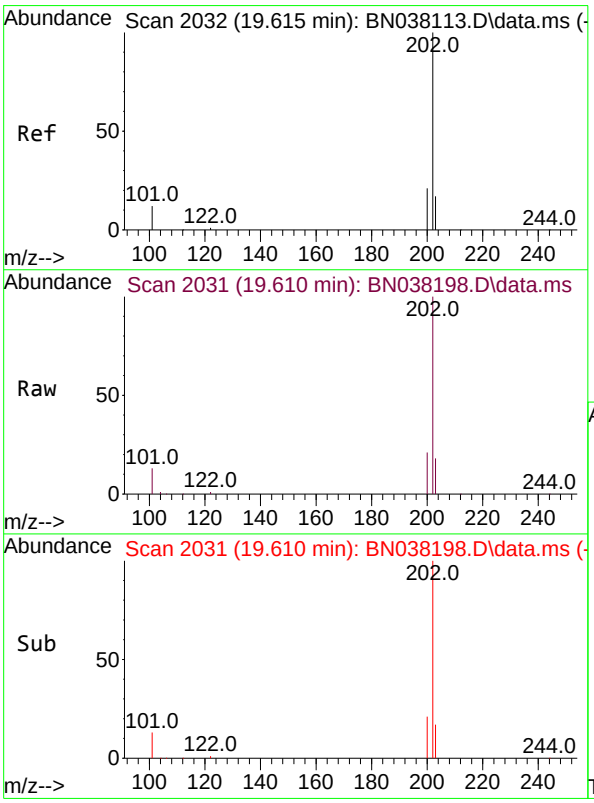
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 21808

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.7	16.1
236	28.3	23.1	34.7

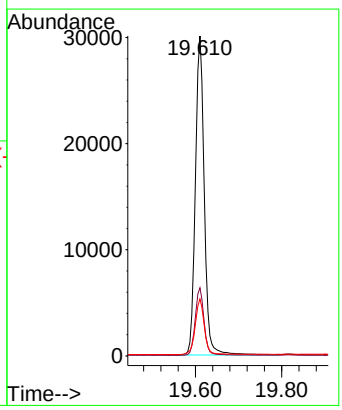


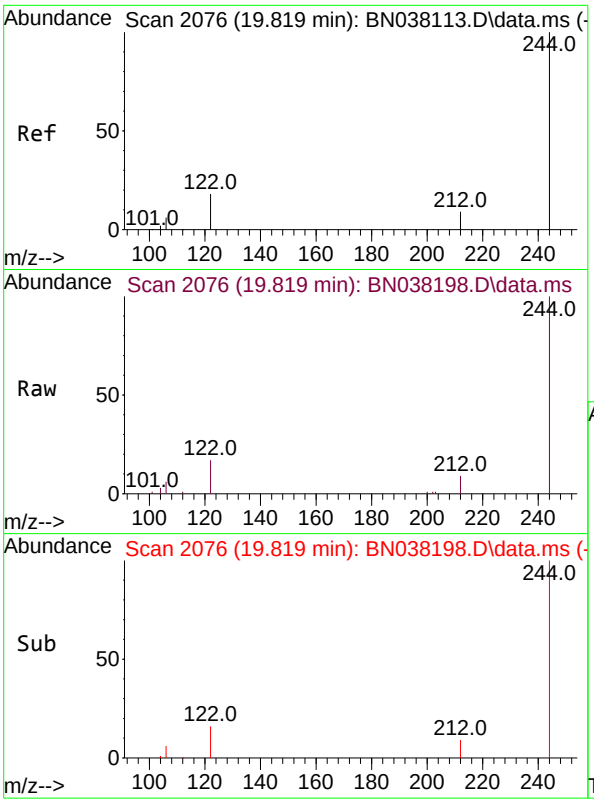


#30
Pyrene
Concen: 0.438 ng
RT: 19.610 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:202 Resp: 43076

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.2	21.2



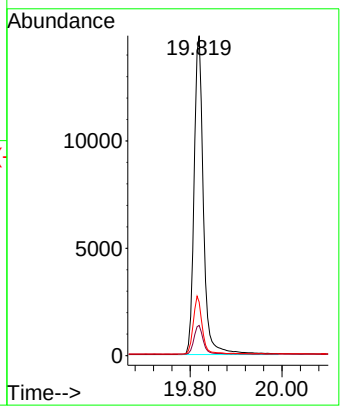


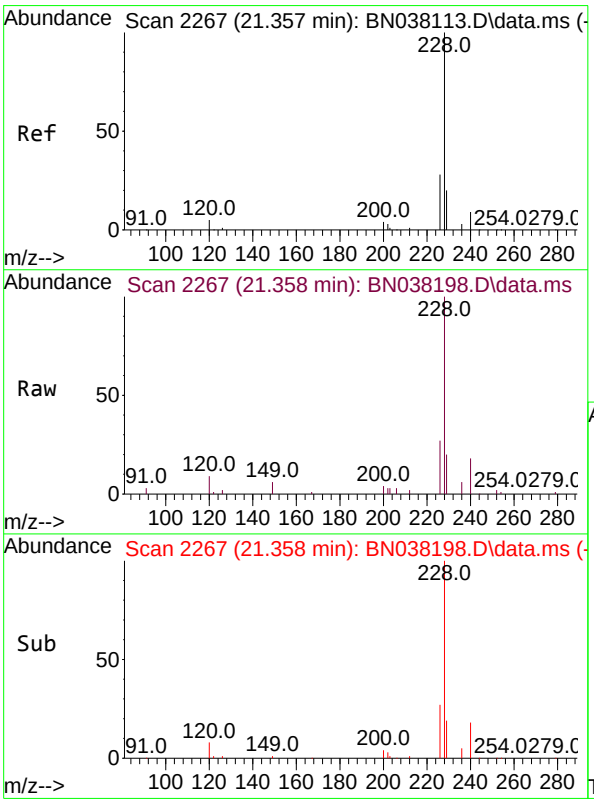
#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 20981

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.8	11.6
122	16.7	15.2	22.8

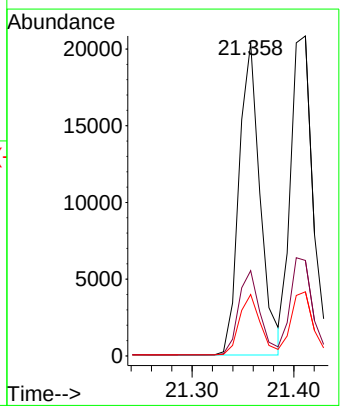


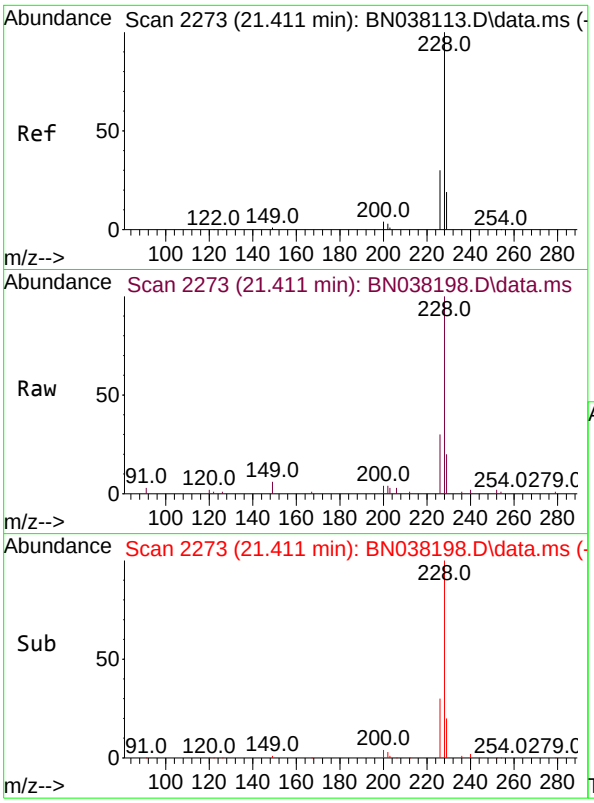


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.358 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:228 Resp: 29412

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	19.6	15.8	23.8



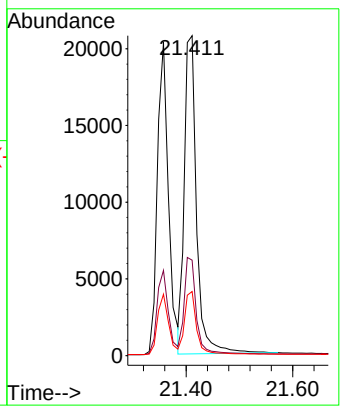


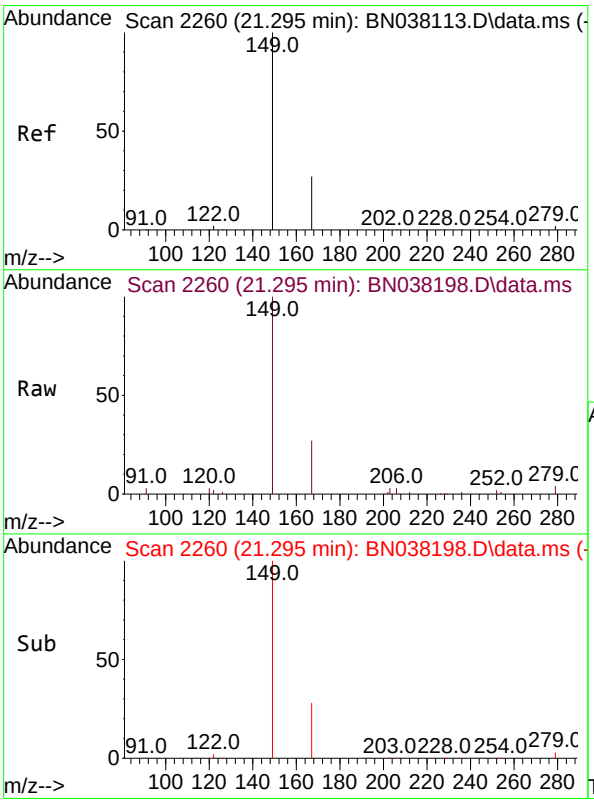
#33
Chrysene
Concen: 0.394 ng
RT: 21.411 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 33231

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	20.0	15.7	23.5

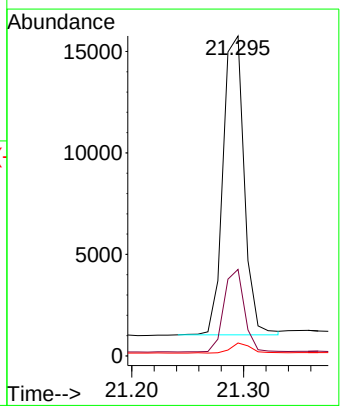


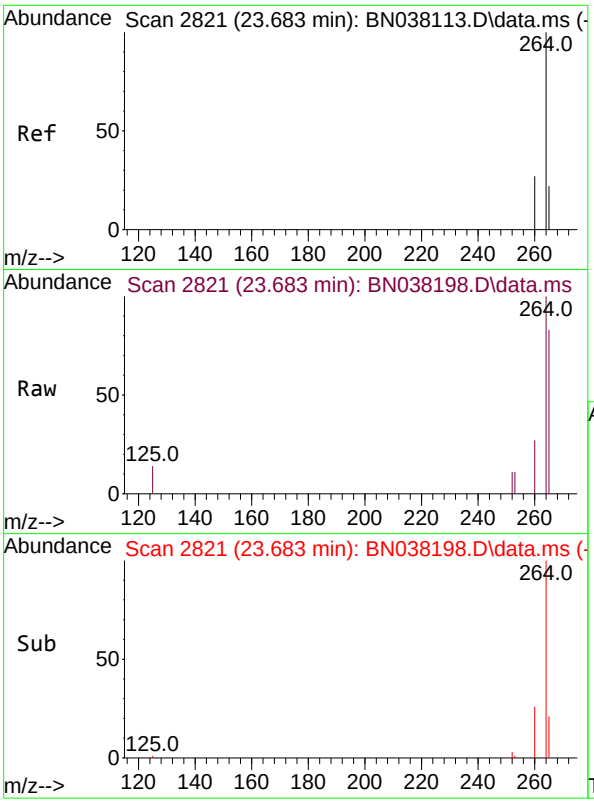


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.472 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:149 Resp: 19352

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.1	31.7
279	3.3	2.9	4.3



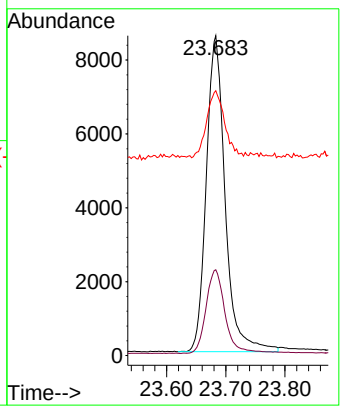


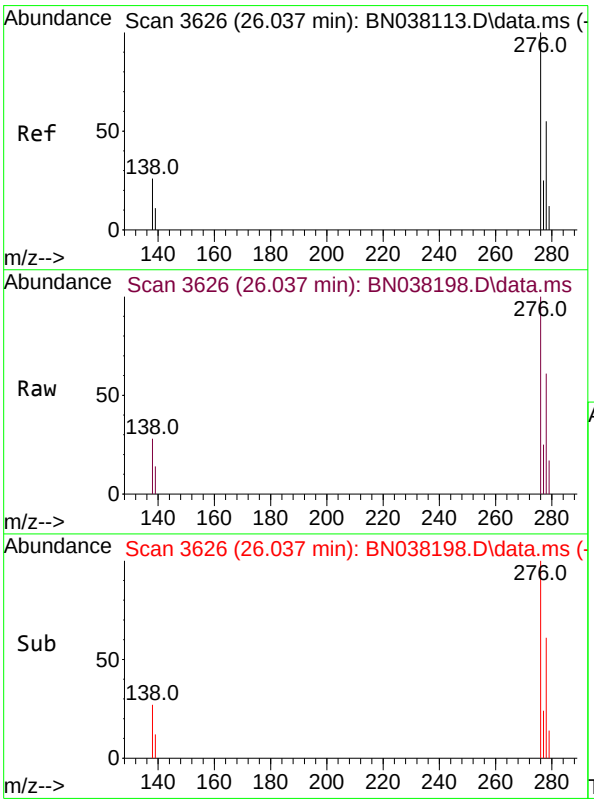
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 28
Delta R.T. 0.003 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 18964

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	82.8	68.6	102.8

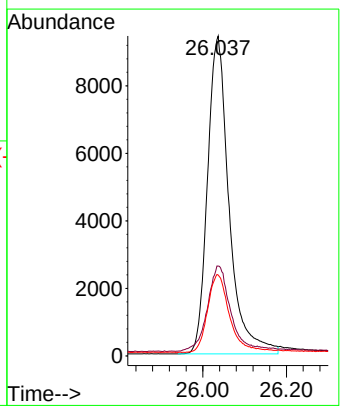


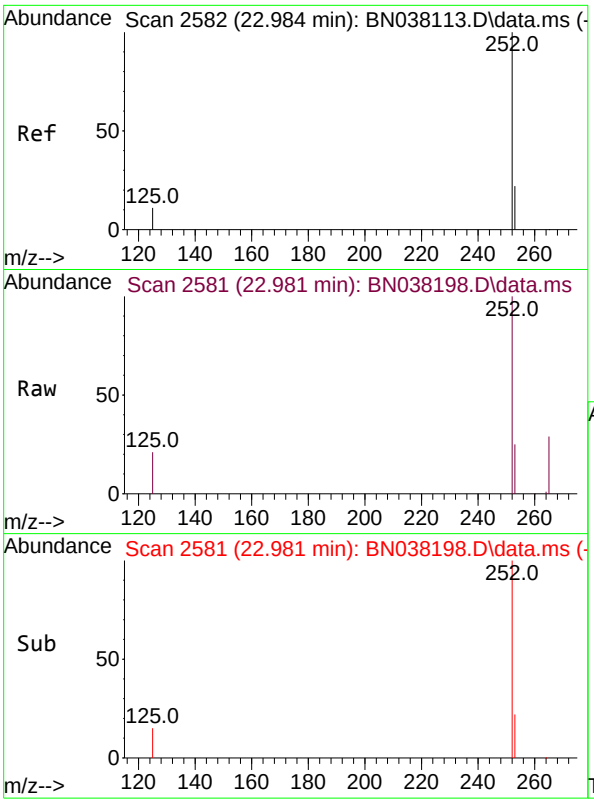


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 26.037 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:276 Resp: 33765

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.4	32.0
277	24.8	19.2	28.8



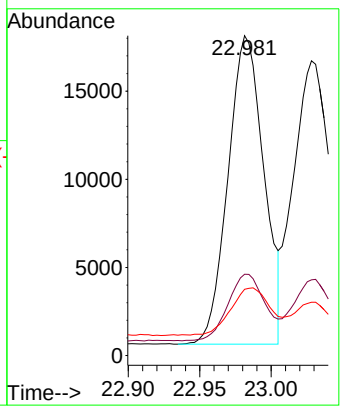


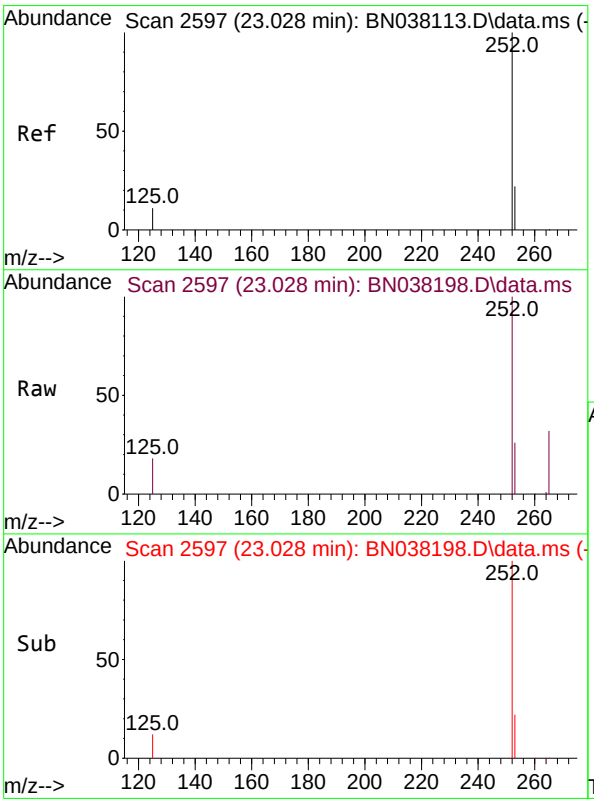
#37
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 22.981 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 30534

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.9	31.3
125	20.7	14.1	21.1

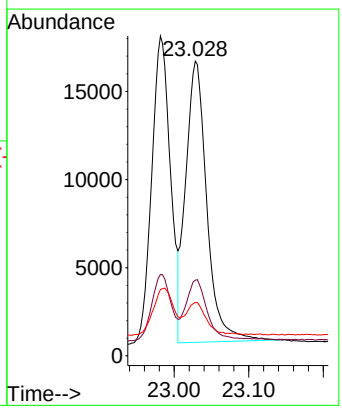


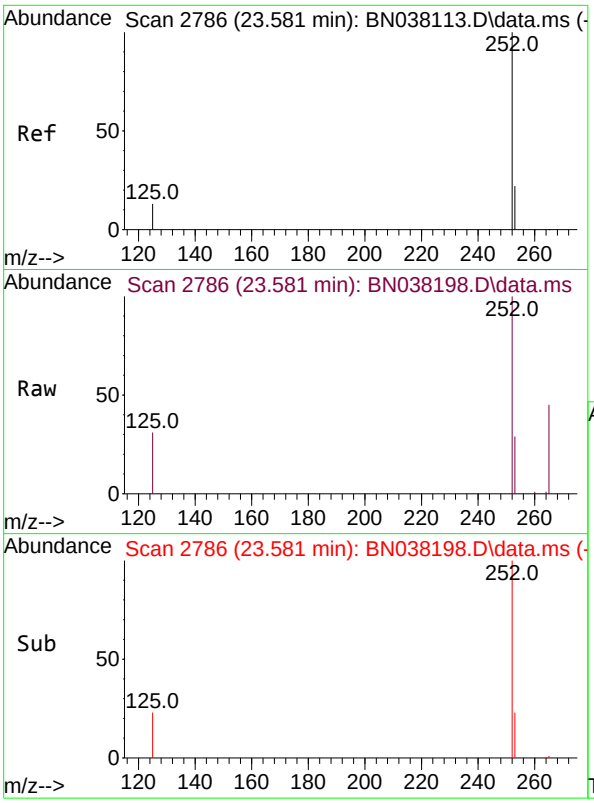


#38
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.028 min Scan# 2597
Delta R.T. 0.000 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:252 Resp: 31452

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.2	31.8
125	18.1	14.6	22.0



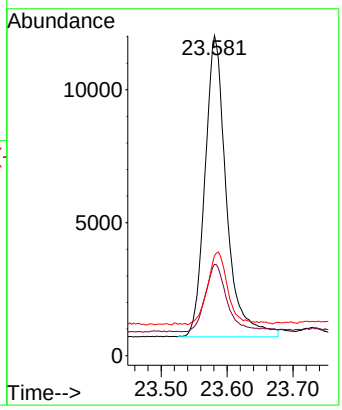


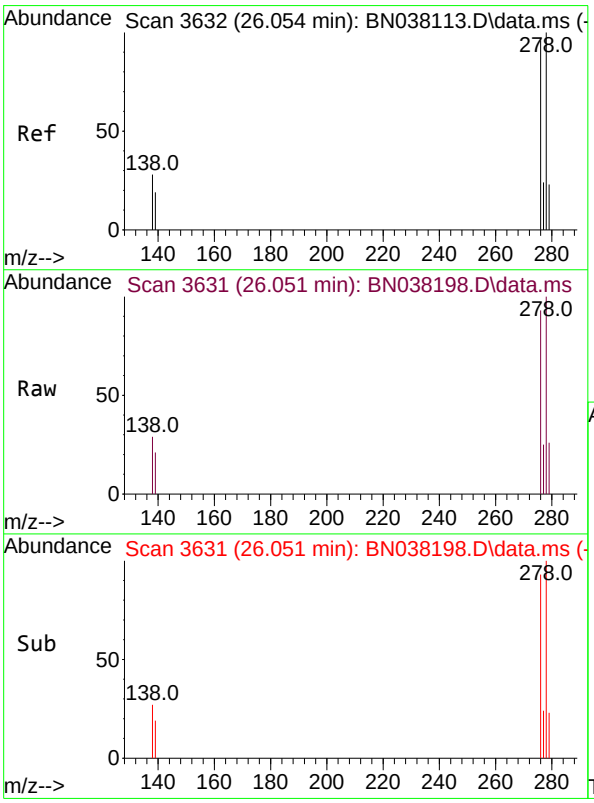
#39
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.581 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 25562

Ion	Ratio	Lower	Upper
252	100		
253	28.5	23.1	34.7
125	31.2	18.6	28.0#

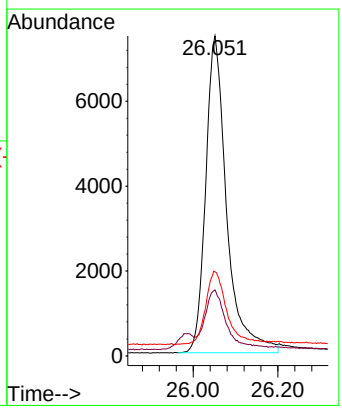


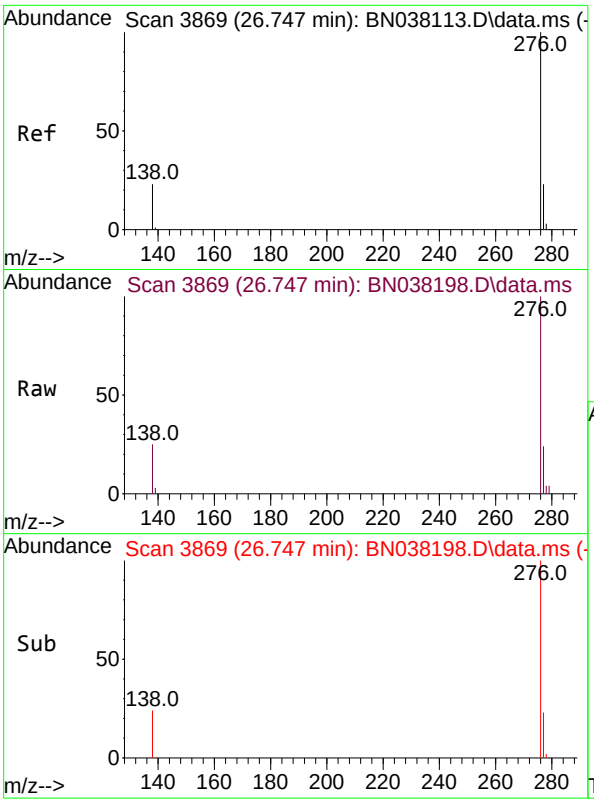


#40
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 26.051 min Scan# 3631
Delta R.T. 0.003 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Tgt Ion:278 Resp: 25784

Ion	Ratio	Lower	Upper
278	100		
139	20.6	17.6	26.4
279	26.2	22.6	33.8





#41
Benzo(g,h,i)perylene
Concen: 0.428 ng
RT: 26.747 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN038198.D
Acq: 13 Nov 2025 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 29305

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	25.0	20.2	30.4