Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112725\
Data File : BN038218.D
Acq On : 27 Nov 2025 00:13
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 28 20:56:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 20:22:09 2025
Response via : Initial Calibration

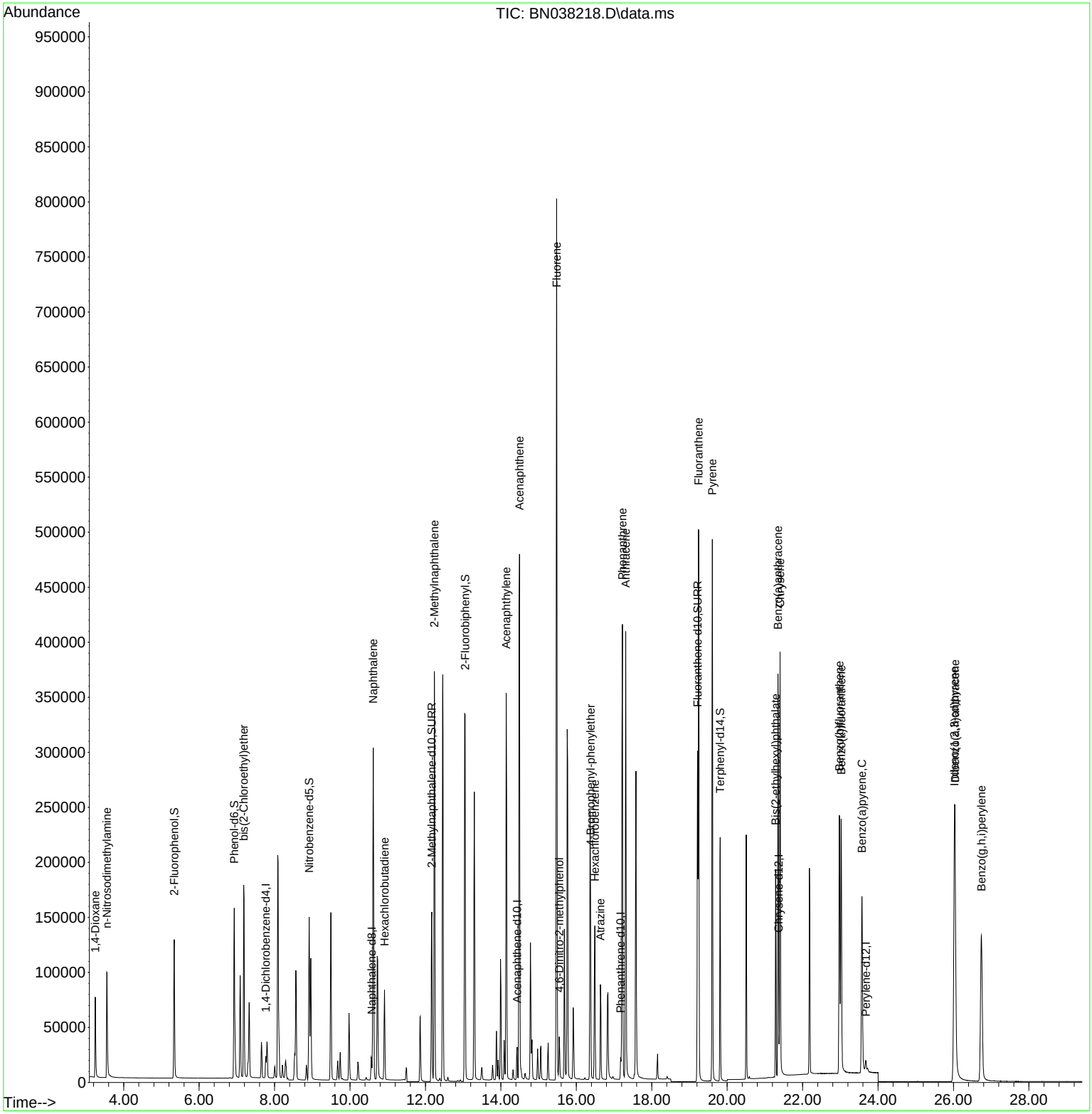
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	9425	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	28584	0.400	ng		0.00
13) Acenaphthene-d10	14.430	164	16460	0.400	ng		0.00
19) Phenanthrene-d10	17.173	188	28173	0.400	ng		#-0.01
29) Chrysene-d12	21.366	240	17259	0.400	ng		# 0.00
35) Perylene-d12	23.677	264	14227	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	105128	4.772	ng		0.00
5) Phenol-d6	6.930	99	140266	5.096	ng		0.00
8) Nitrobenzene-d5	8.918	82	111113	4.861	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	206762	5.096	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
15) 2-Fluorobiphenyl	13.051	172	300119	4.720	ng		0.00
27) Fluoranthene-d10	19.215	212	316915	5.186	ng		0.00
31) Terphenyl-d14	19.815	244	204734	5.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	44504	4.482	ng		100
3) n-Nitrosodimethylamine	3.550	42	60047	4.904	ng	#	95
6) bis(2-Chloroethyl)ether	7.183	93	128213	4.866	ng		98
9) Naphthalene	10.616	128	386463	4.869	ng		99
10) Hexachlorobutadiene	10.915	225	63118	4.675	ng	#	99
12) 2-Methylnaphthalene	12.238	142	264783	5.069	ng		99
16) Acenaphthylene	14.142	152	386815	5.255	ng		100
17) Acenaphthene	14.494	154	259349	5.054	ng		97
18) Fluorene	15.478	166	350358	5.275	ng		99
20) 4,6-Dinitro-2-methylph...	15.547	198	24887	4.740	ng	#	13
21) 4-Bromophenyl-phenylether	16.379	248	98459	5.044	ng	#	89
22) Hexachlorobenzene	16.491	284	108089	4.503	ng		100
23) Atrazine	16.640	200	70335	5.642	ng	#	91
25) Phenanthrene	17.223	178	443212	5.011	ng		99
26) Anthracene	17.310	178	410739	5.443	ng		99
28) Fluoranthene	19.243	202	445842	5.231	ng		99
30) Pyrene	19.606	202	432809	5.021	ng		100
32) Benzo(a)anthracene	21.348	228	303930	5.200	ng		99
33) Chrysene	21.402	228	322253	4.672	ng		98
34) Bis(2-ethylhexyl)phtha...	21.286	149	160858	5.026	ng		98
36) Indeno(1,2,3-cd)pyrene	26.022	276	348640	5.295	ng		98
37) Benzo(b)fluoranthene	22.975	252	300462	5.145	ng	#	84
38) Benzo(k)fluoranthene	23.022	252	309850	5.104	ng	#	84
39) Benzo(a)pyrene	23.575	252	252042	5.149	ng	#	75
40) Dibenzo(a,h)anthracene	26.042	278	272232	5.462	ng	#	90
41) Benzo(g,h,i)perylene	26.741	276	296912	5.013	ng		96

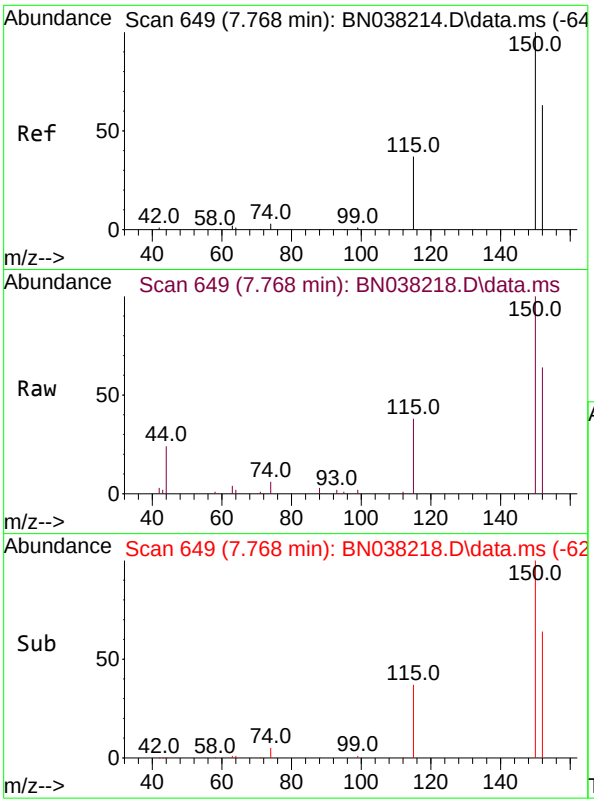
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112725\
Data File : BN038218.D
Acq On : 27 Nov 2025 00:13
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 28 20:56:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 20:22:09 2025
Response via : Initial Calibration



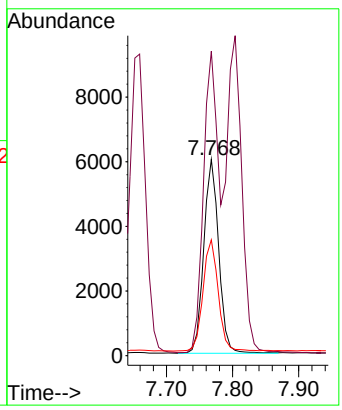


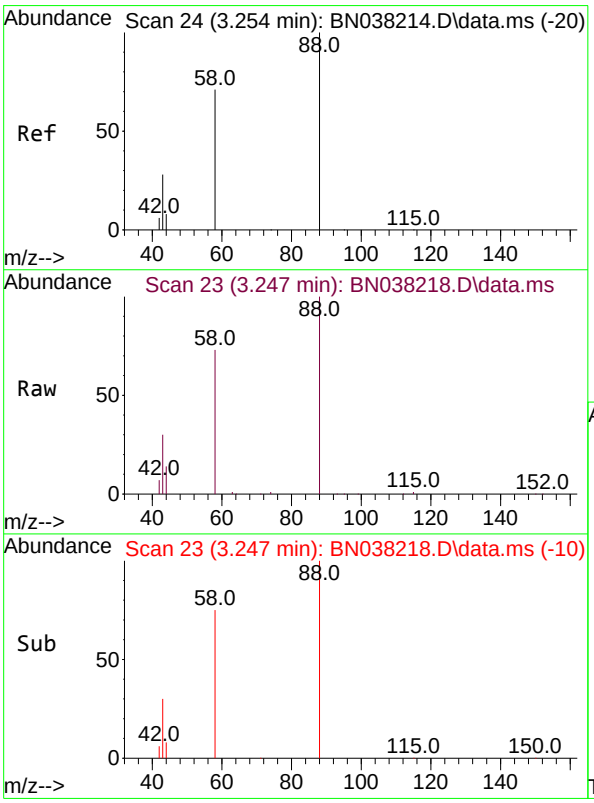
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 9425

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	58.9	49.0	73.4

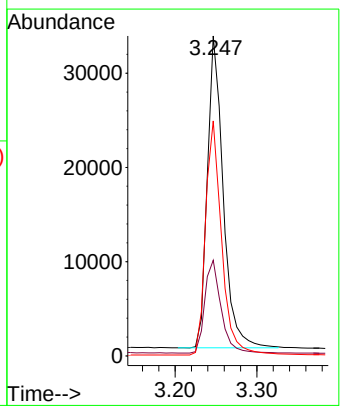


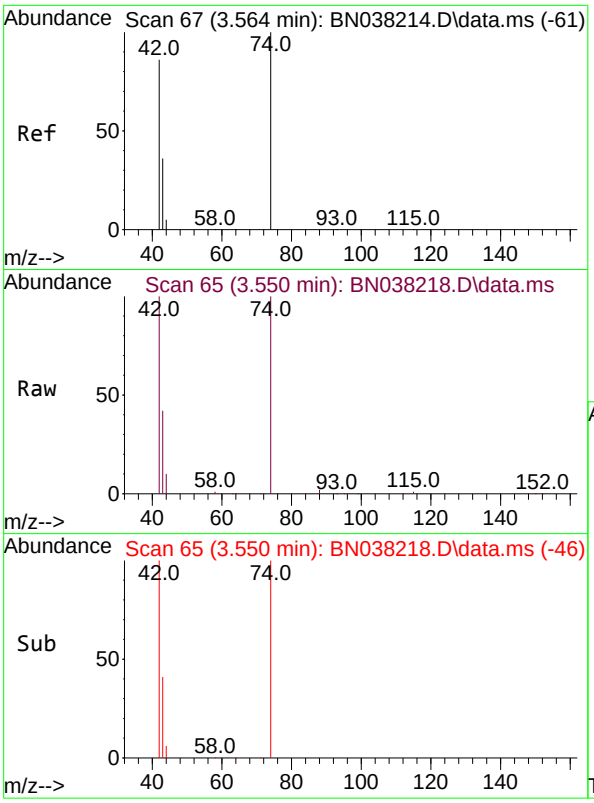


#2
1,4-Dioxane
Concen: 4.482 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion: 88 Resp: 44504

Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.8	37.2
58	76.3	61.1	91.7



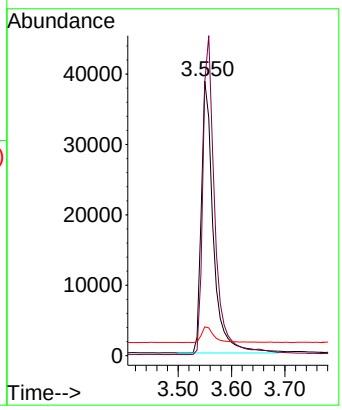


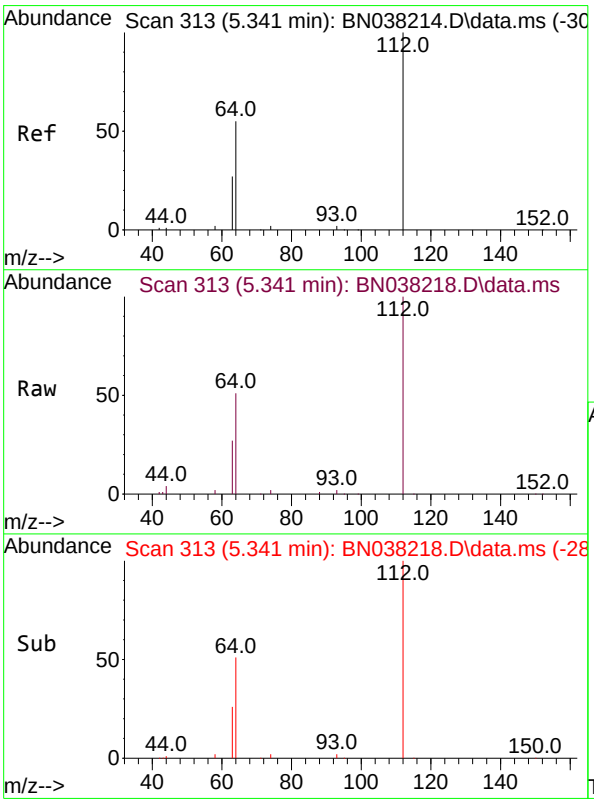
#3
n-Nitrosodimethylamine
Concen: 4.904 ng
RT: 3.550 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 60047

Ion	Ratio	Lower	Upper
42	100		
74	115.5	96.2	144.2
44	6.0	8.0	12.0#

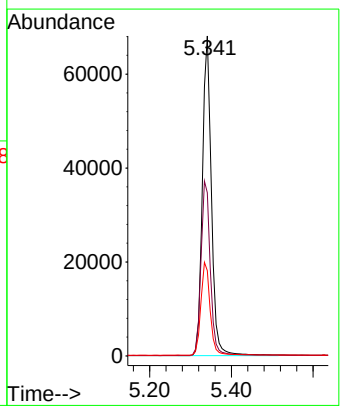


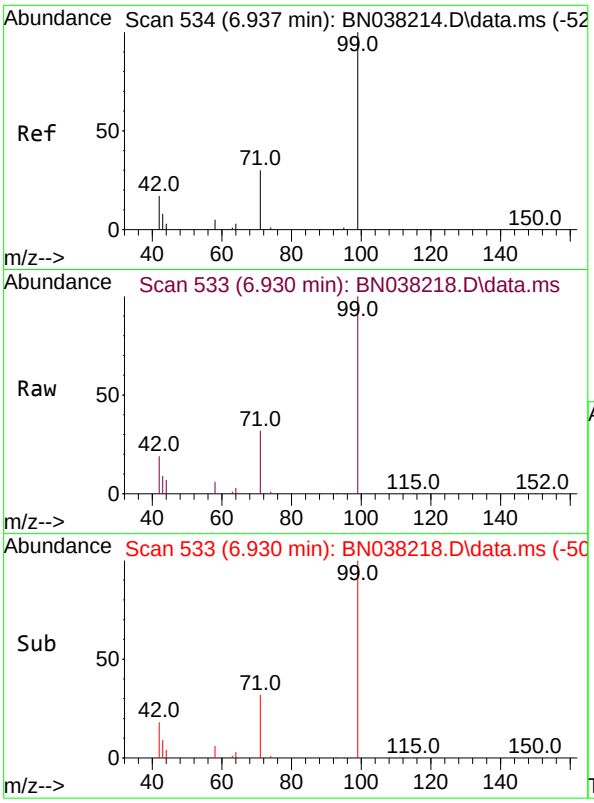


#4
2-Fluorophenol
Concen: 4.772 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:112 Resp: 105128

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.0	67.4
63	29.8	23.2	34.8



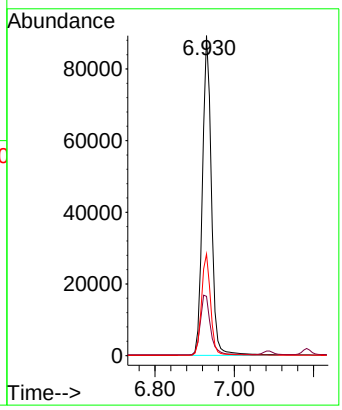


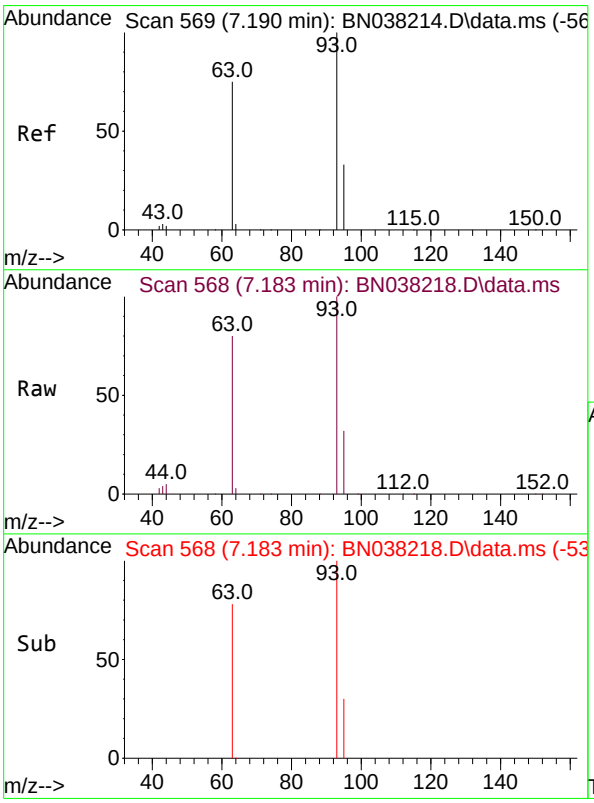
#5
Phenol-d6
Concen: 5.096 ng
RT: 6.930 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 140266

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	32.1	25.4	38.2

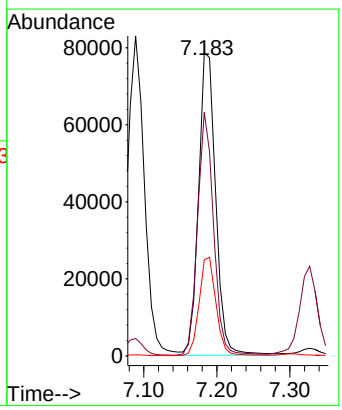


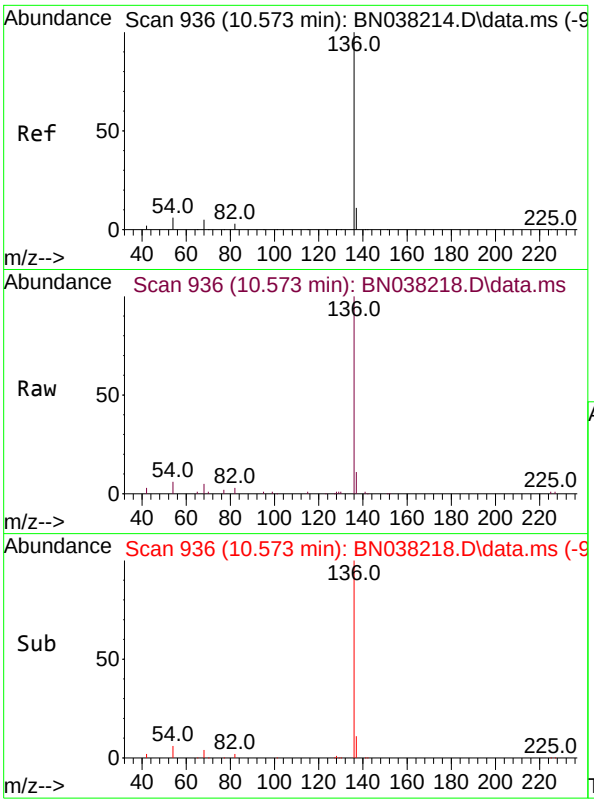


#6
bis(2-Chloroethyl)ether
Concen: 4.866 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion: 93 Resp: 128213

Ion	Ratio	Lower	Upper
93	100		
63	74.8	58.1	87.1
95	31.9	25.1	37.7



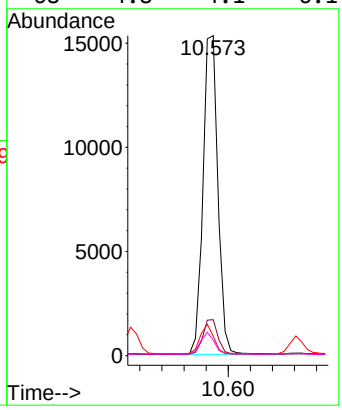


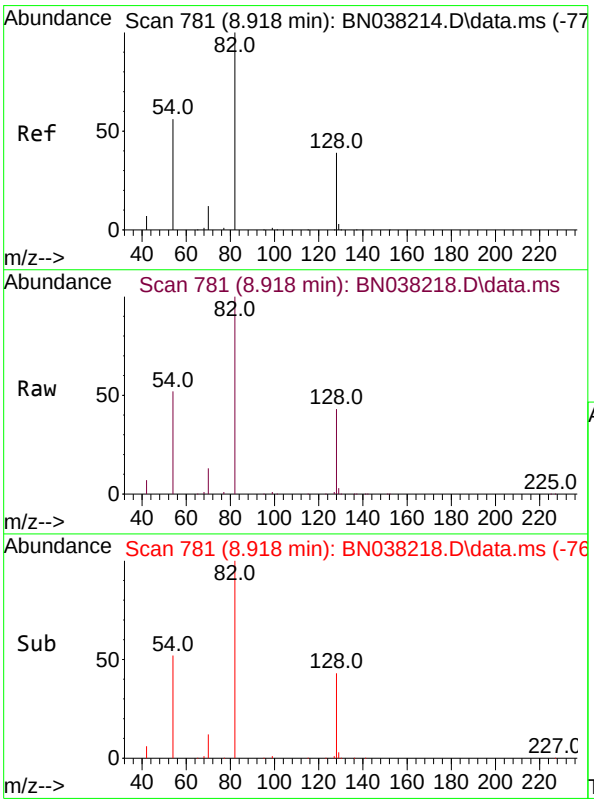
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 28584

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.1	5.4	8.0
68	4.8	4.1	6.1

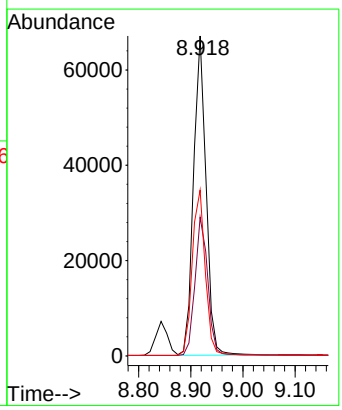


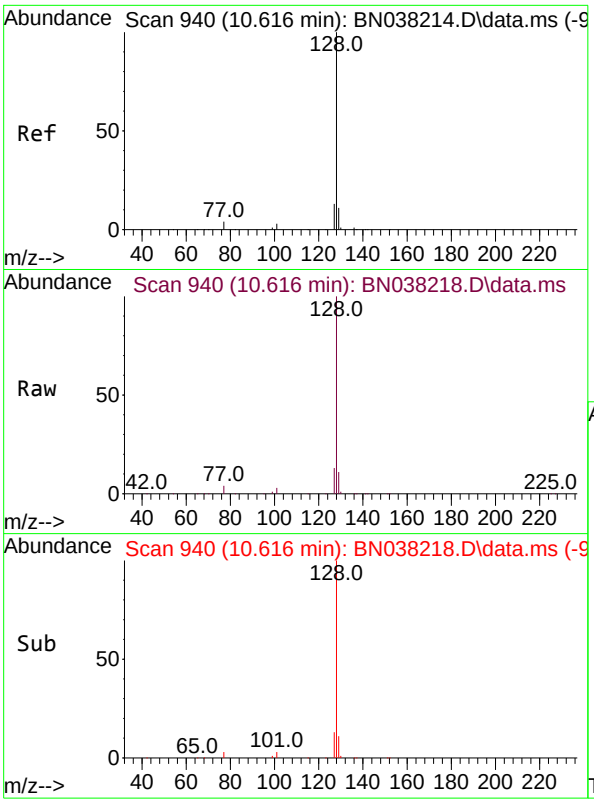


#8
Nitrobenzene-d5
Concen: 4.861 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion: 82 Resp: 111113

Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.6	48.8
54	51.8	45.4	68.0



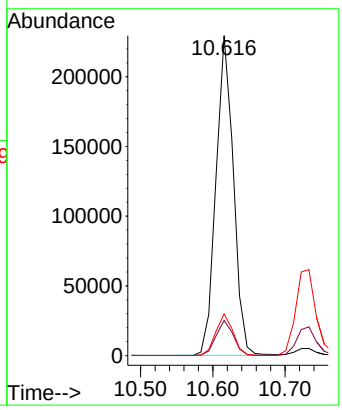


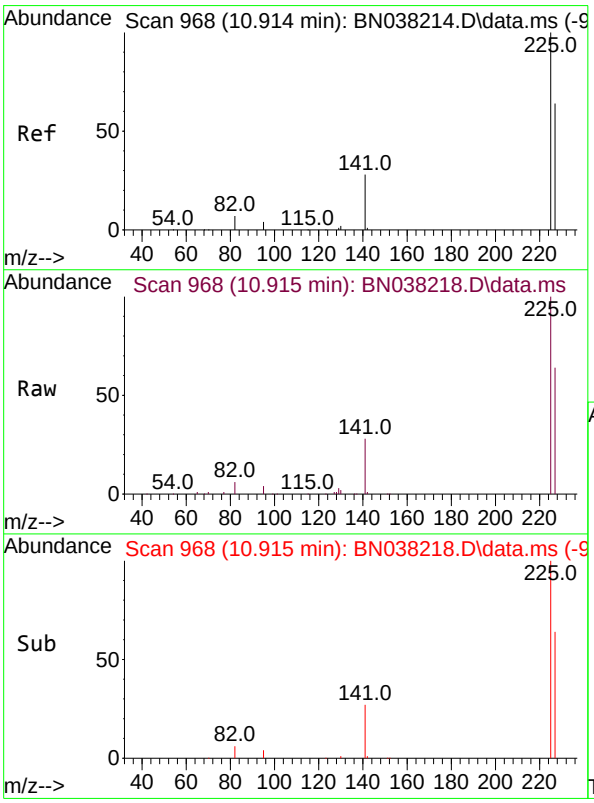
#9
Naphthalene
Concen: 4.869 ng
RT: 10.616 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 386463

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.0	10.6	16.0

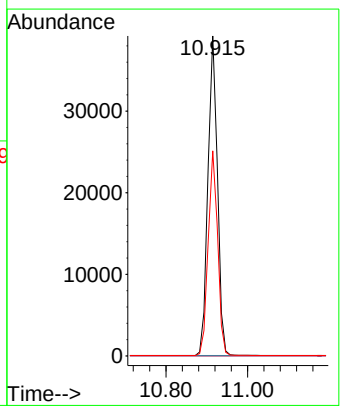


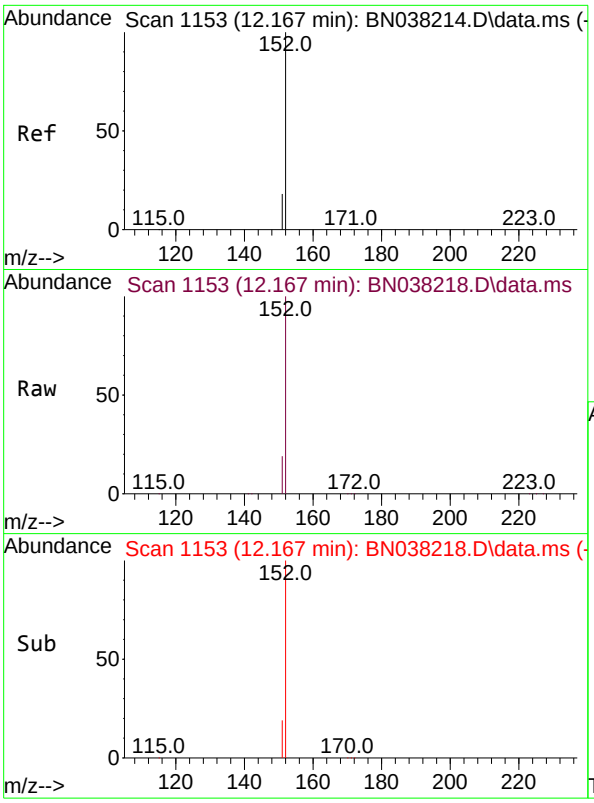


#10
Hexachlorobutadiene
Concen: 4.675 ng
RT: 10.915 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:225 Resp: 63118

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.5	75.7



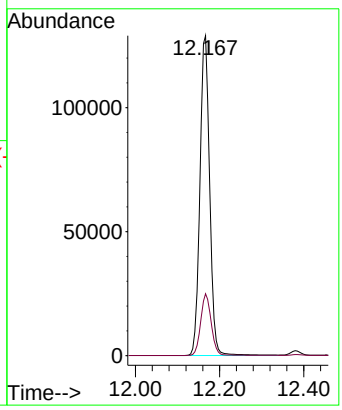


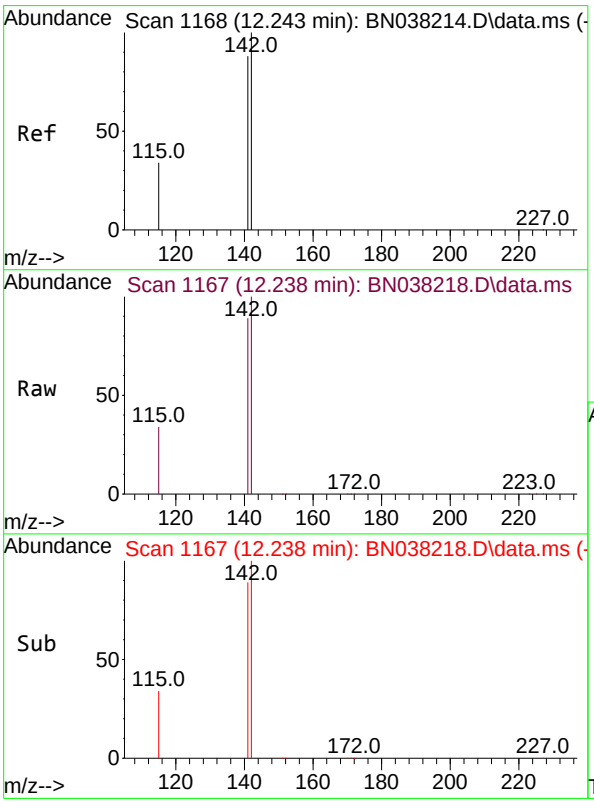
#11
2-Methylnaphthalene-d10
Concen: 5.096 ng
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 206762

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

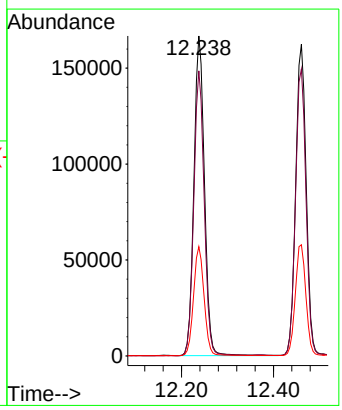


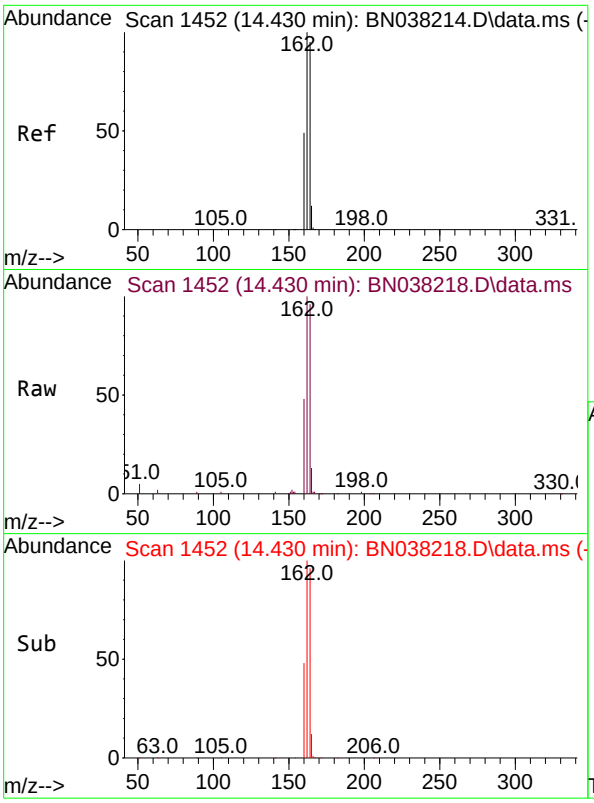


#12
2-Methylnaphthalene
Concen: 5.069 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:142 Resp: 264783

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	34.1	27.7	41.5



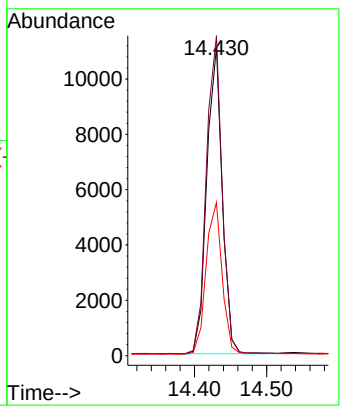


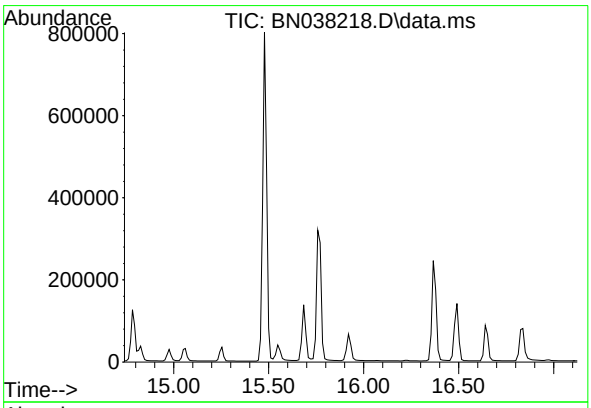
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 16460

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.8	125.8
160	49.7	41.6	62.4



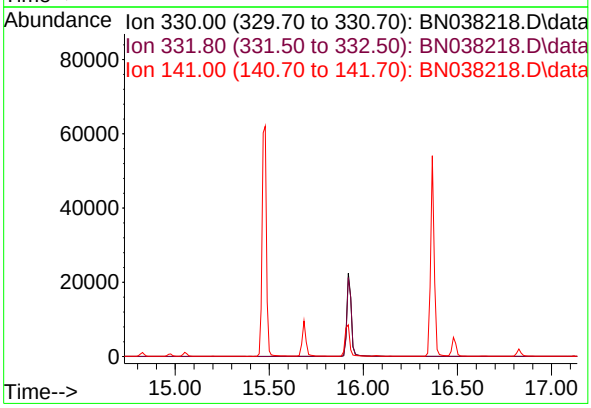


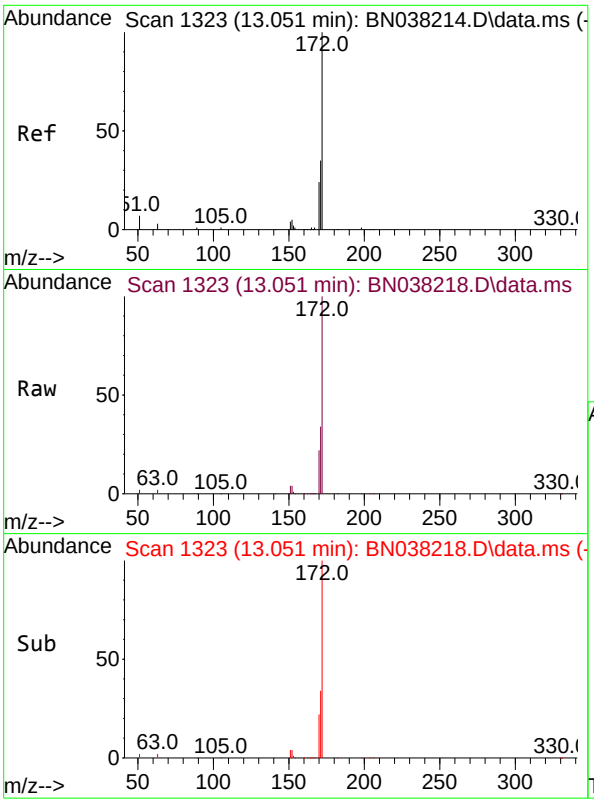
#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.93 min

Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.2
141	41.2



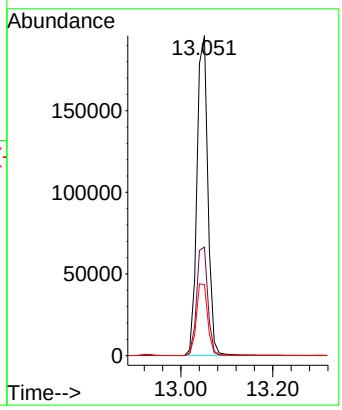


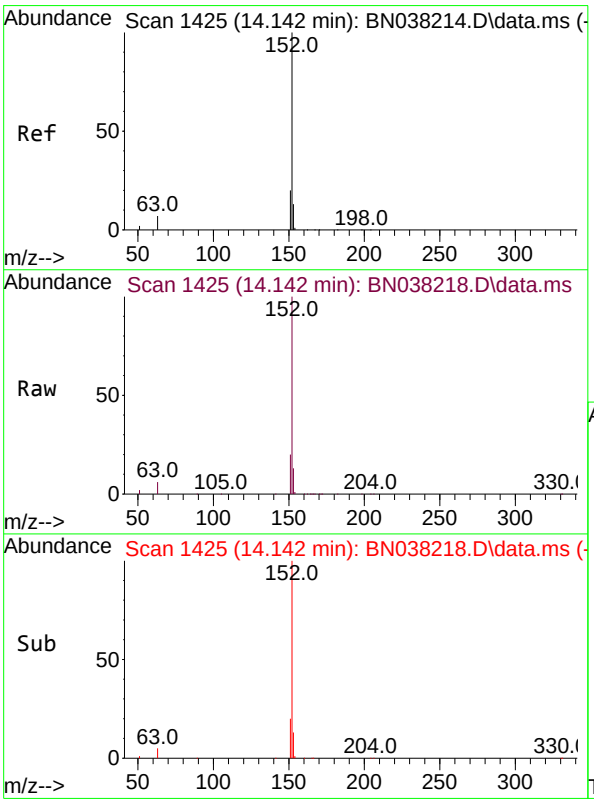
#15
2-Fluorobiphenyl
Concen: 4.720 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 300119

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.1	42.1
170	22.2	19.1	28.7

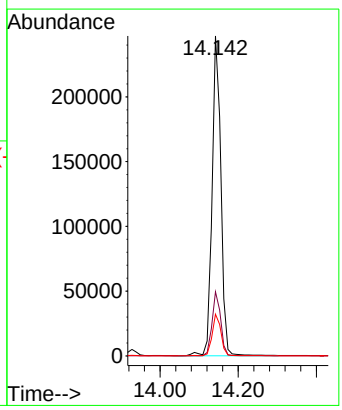


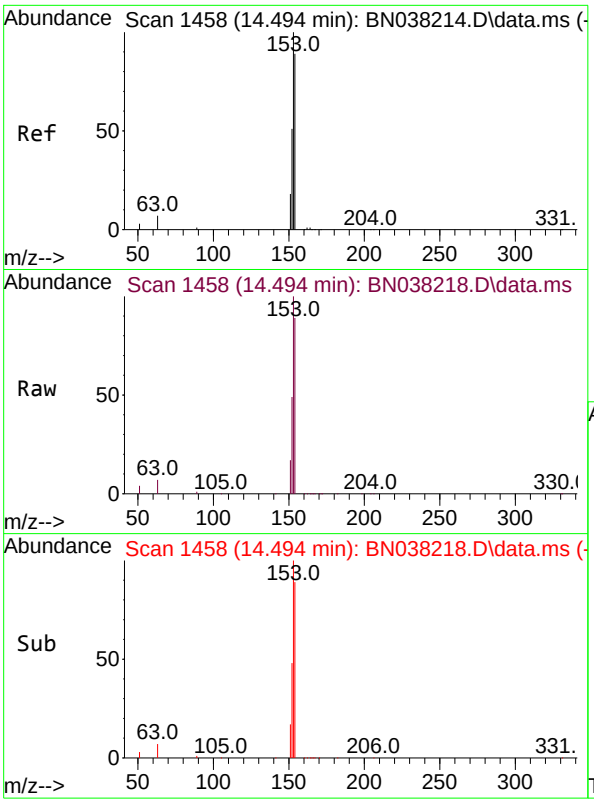


#16
Acenaphthylene
Concen: 5.255 ng
RT: 14.142 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:152 Resp: 386815

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.6	15.8



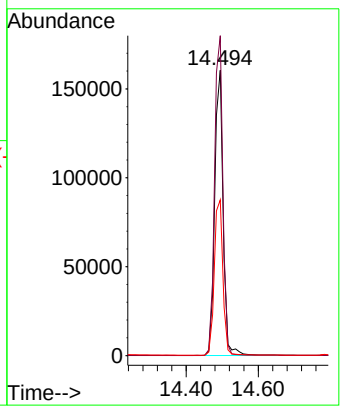


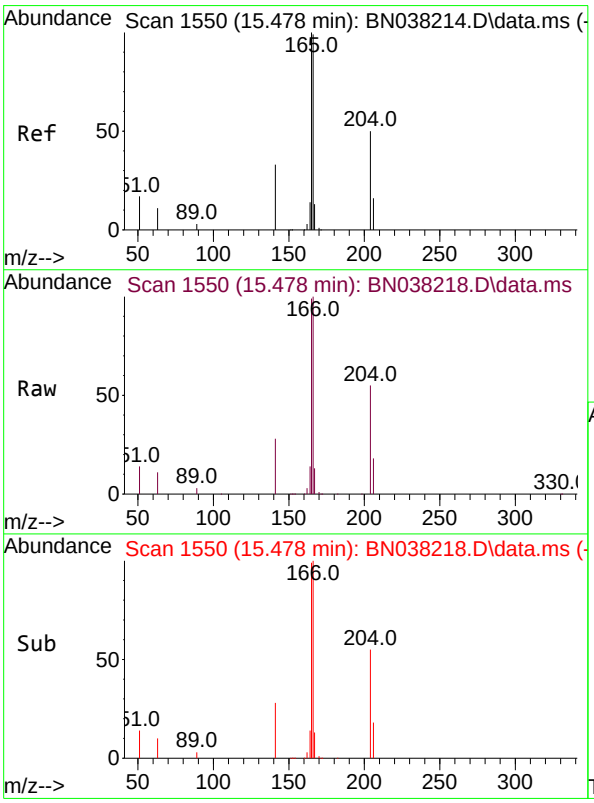
#17
Acenaphthene
Concen: 5.054 ng
RT: 14.494 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 259349

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.1	136.7
152	56.0	48.2	72.2

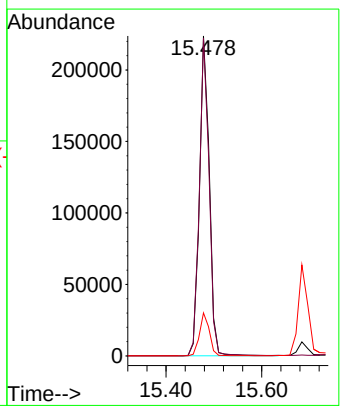


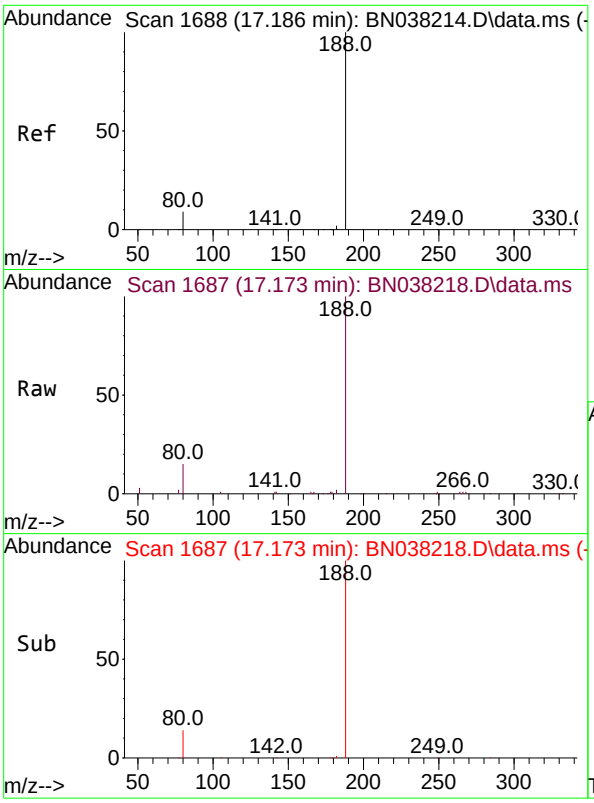


#18
Fluorene
Concen: 5.275 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:166 Resp: 350358

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.7	118.1
167	13.3	10.9	16.3



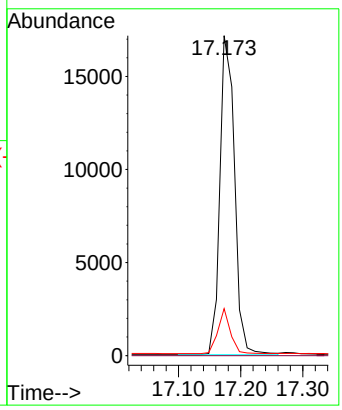


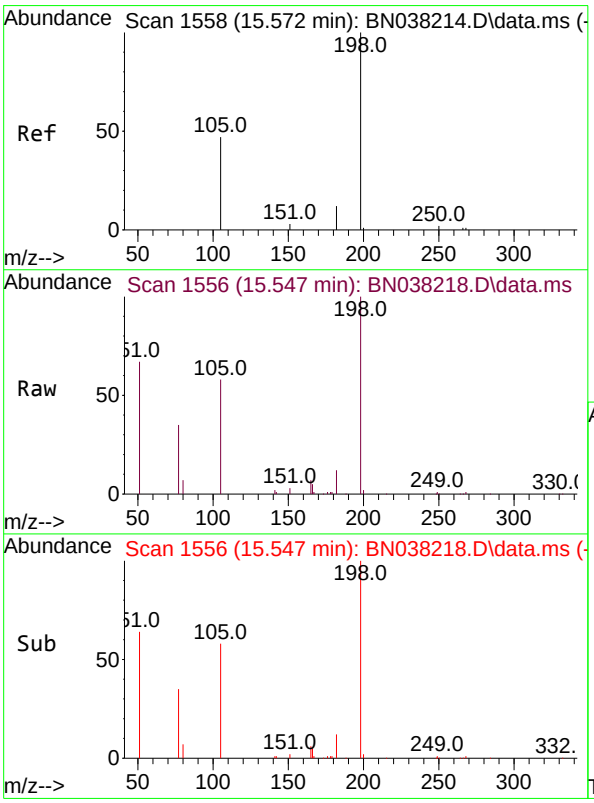
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 28173

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	7.7	11.5#

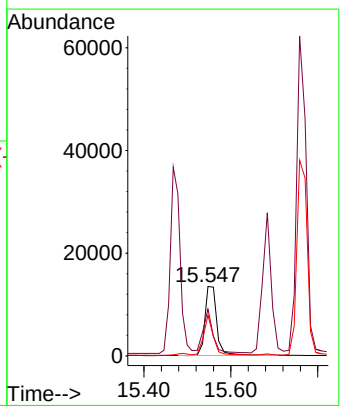


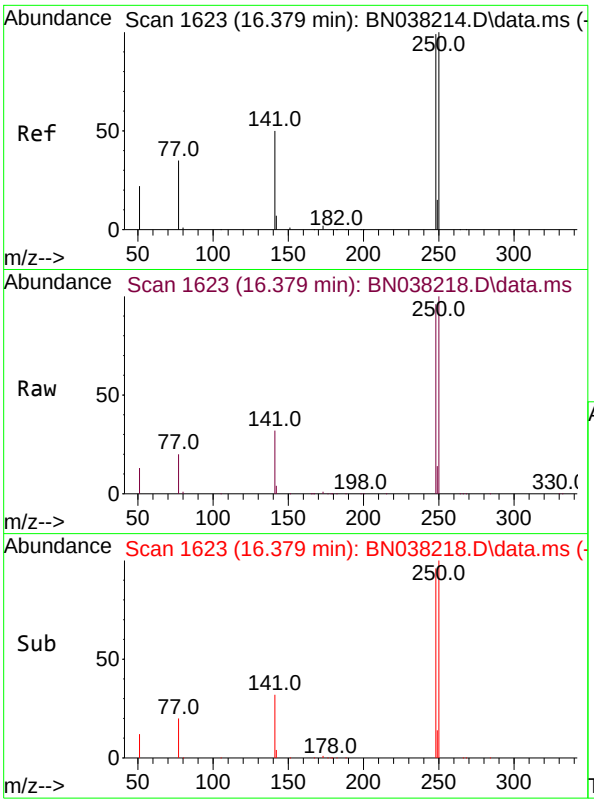


#20
4,6-Dinitro-2-methylphenol
Concen: 4.740 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.025 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:198 Resp: 24887

Ion	Ratio	Lower	Upper
198	100		
51	67.1	205.1	307.7#
105	58.3	61.6	92.4#



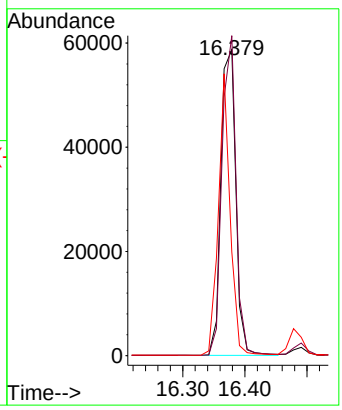


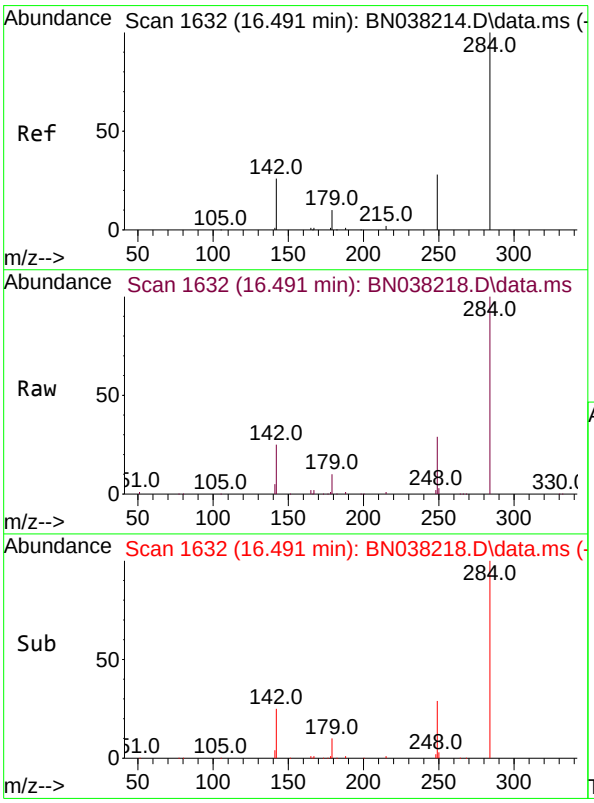
#21
4-Bromophenyl-phenylether
Concen: 5.044 ng
RT: 16.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 98459

Ion	Ratio	Lower	Upper
248	100		
250	104.5	80.8	121.2
141	33.9	41.0	61.6#

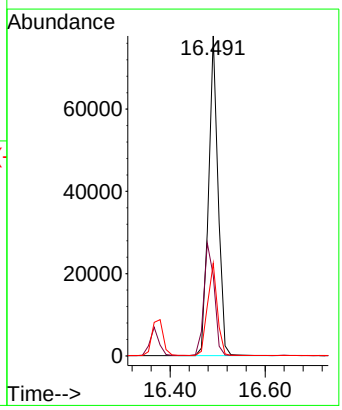


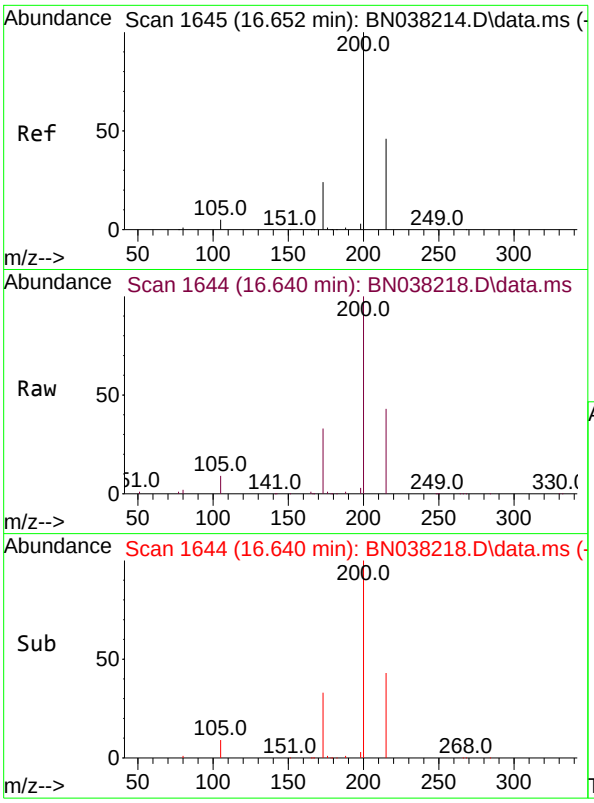


#22
Hexachlorobenzene
Concen: 4.503 ng
RT: 16.491 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:284 Resp: 108089

Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.5	45.7
249	29.7	23.8	35.8



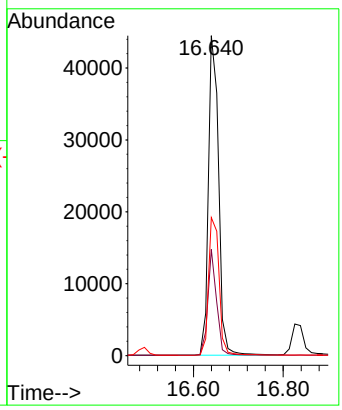


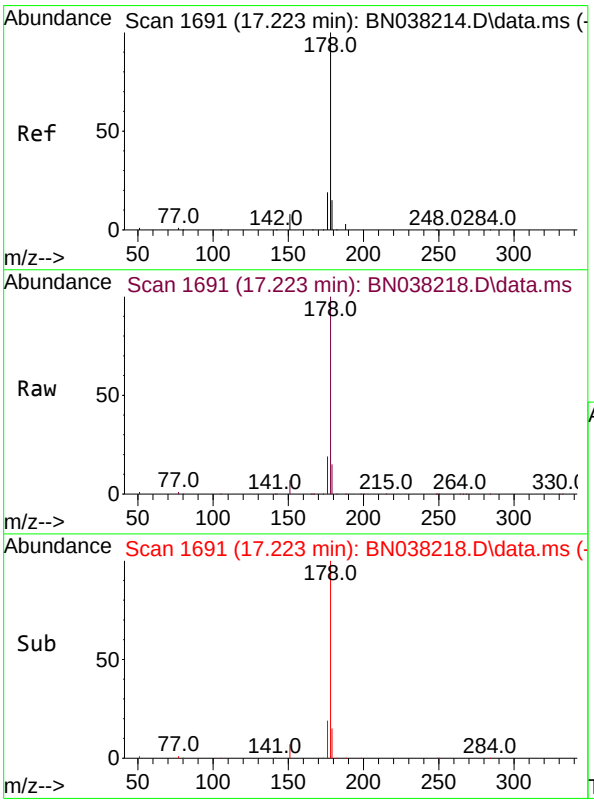
#23
Atrazine
Concen: 5.642 ng
RT: 16.640 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 70335

Ion	Ratio	Lower	Upper
200	100		
173	33.2	21.0	31.6#
215	43.2	37.8	56.8

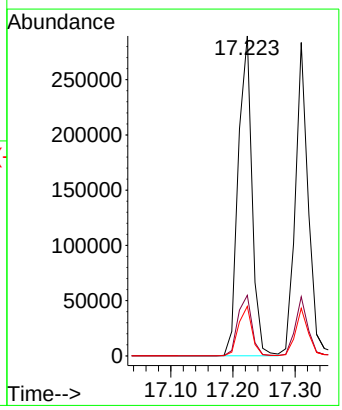


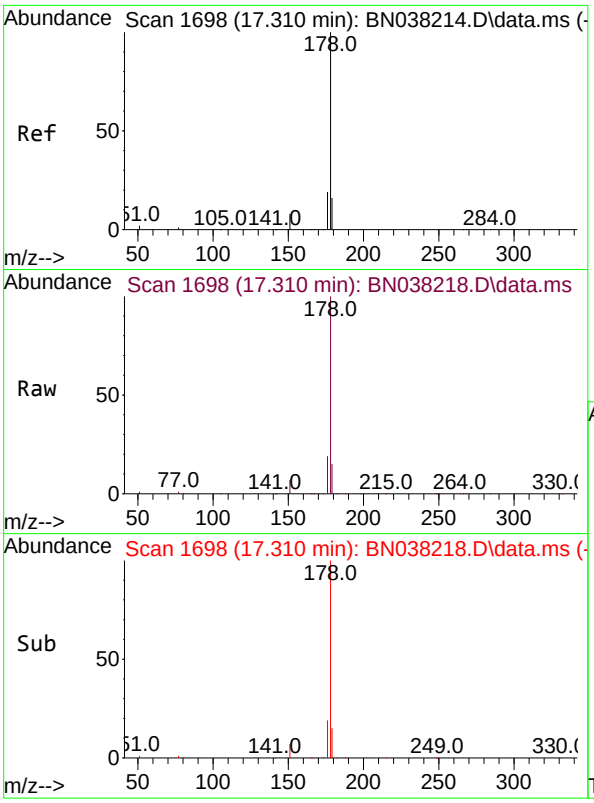


#25
Phenanthrene
Concen: 5.011 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:178 Resp: 443212

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.0	18.0



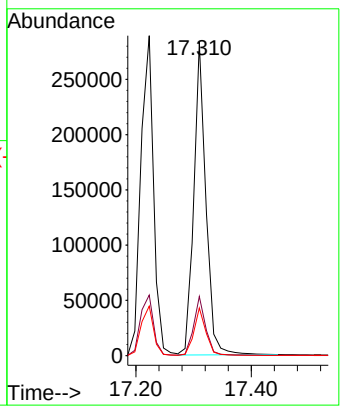


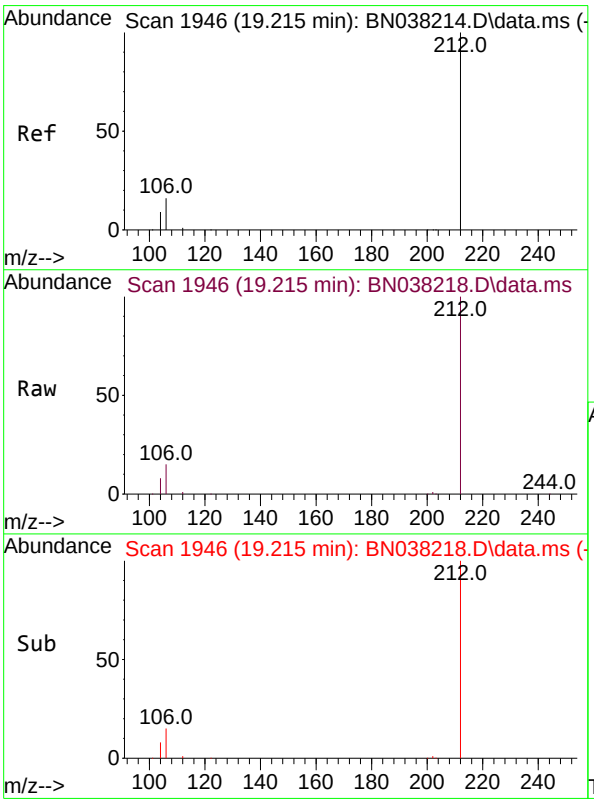
#26
Anthracene
Concen: 5.443 ng
RT: 17.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 410739

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.2	12.3	18.5

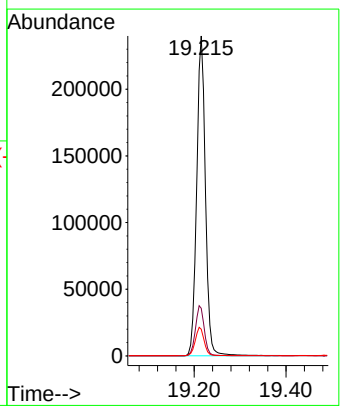


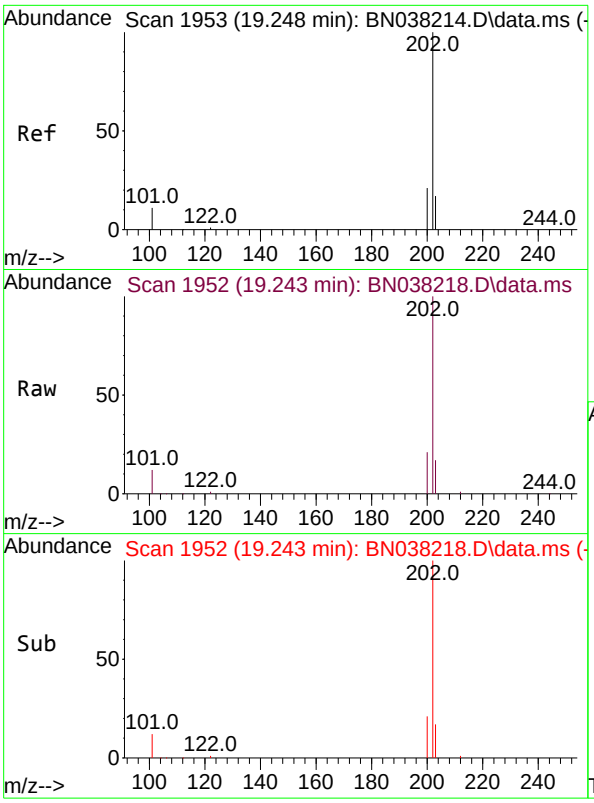


#27
Fluoranthene-d10
Concen: 5.186 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:212 Resp: 316915

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.7	19.1
104	8.9	7.3	10.9



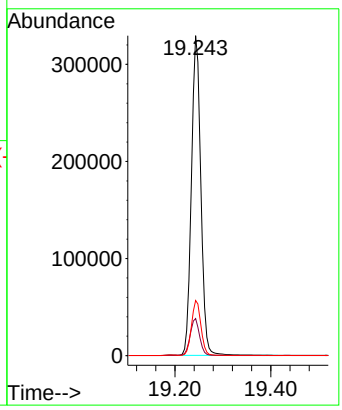


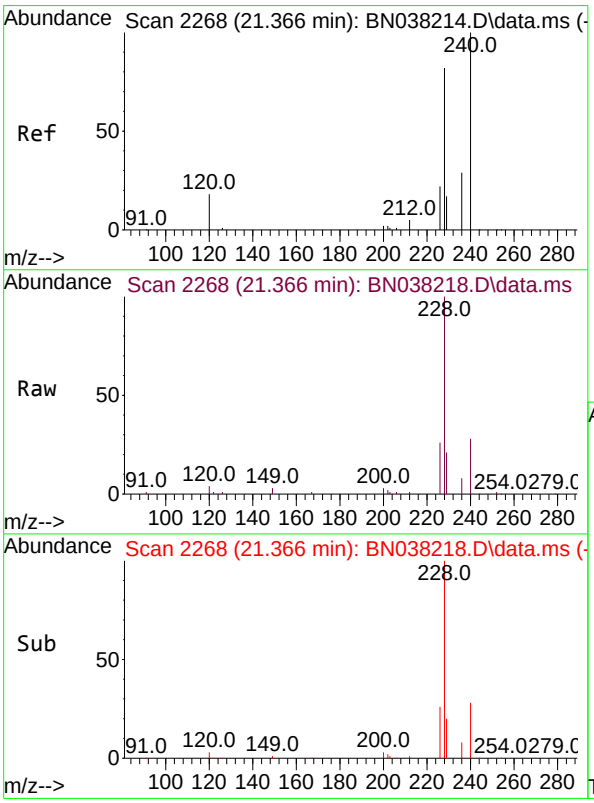
#28
Fluoranthene
Concen: 5.231 ng
RT: 19.243 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 445842

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
203	17.3	13.6	20.4

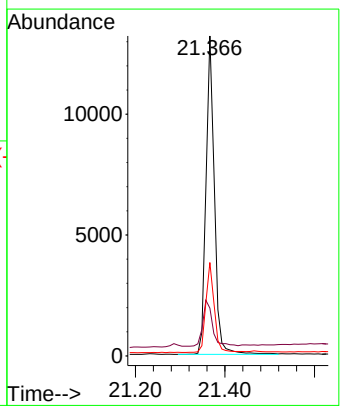


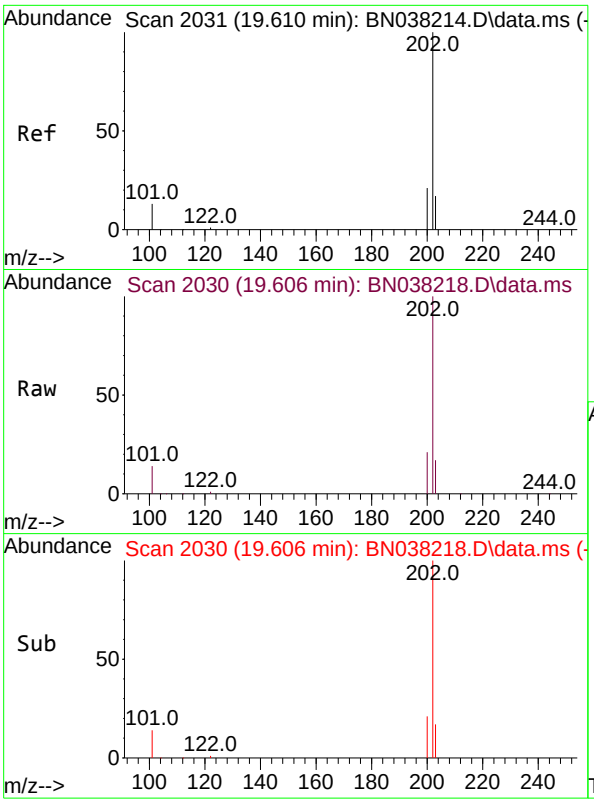


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:240 Resp: 17259

Ion	Ratio	Lower	Upper
240	100		
120	14.9	18.1	27.1#
236	29.2	24.2	36.4



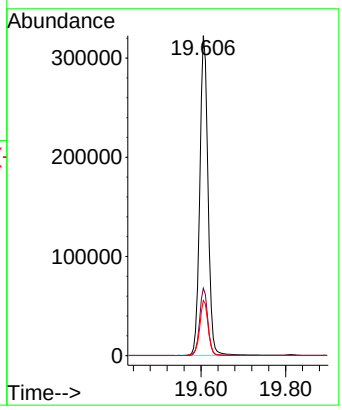


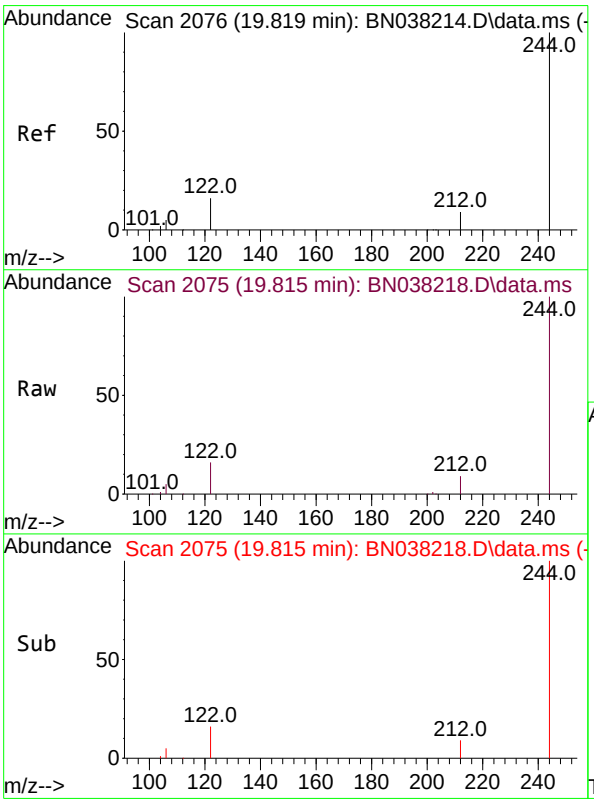
#30
Pyrene
Concen: 5.021 ng
RT: 19.606 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 432809

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.7	14.4	21.6

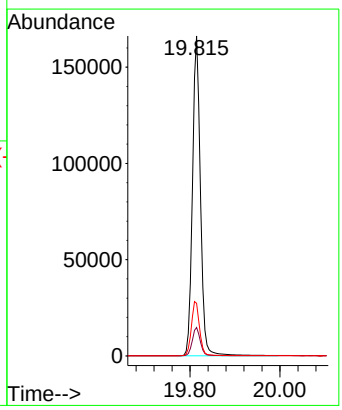


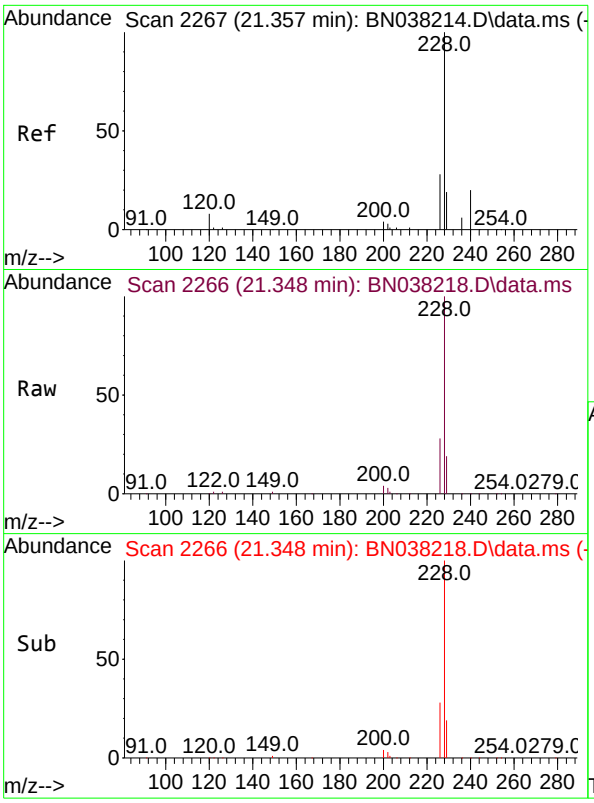


#31
Terphenyl-d14
Concen: 5.136 ng
RT: 19.815 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:244 Resp: 204734

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.7	11.5
122	16.5	13.6	20.4



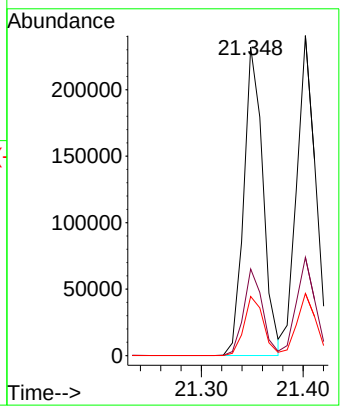


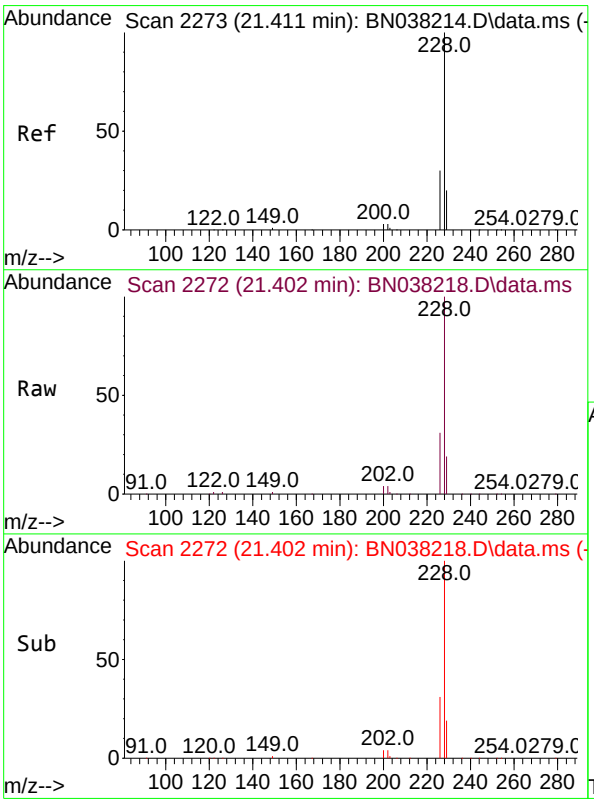
#32
Benzo(a)anthracene
Concen: 5.200 ng
RT: 21.348 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 303930

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.2	15.8	23.8

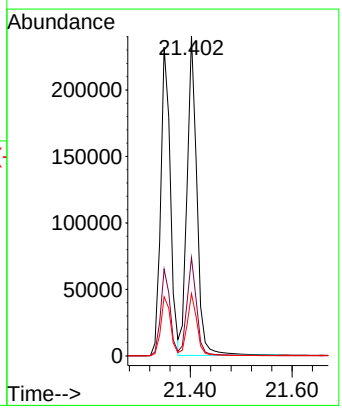


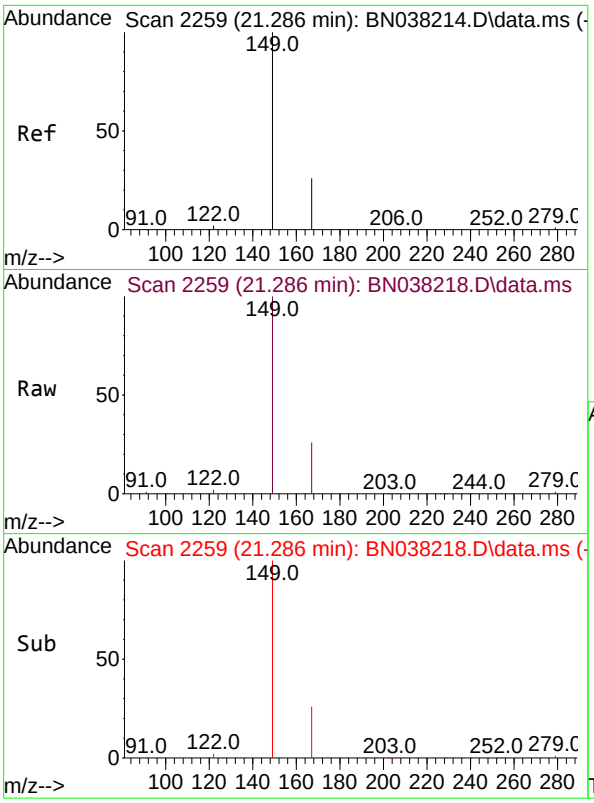


#33
Chrysene
Concen: 4.672 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.009 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:228 Resp: 322253

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	19.4	16.1	24.1



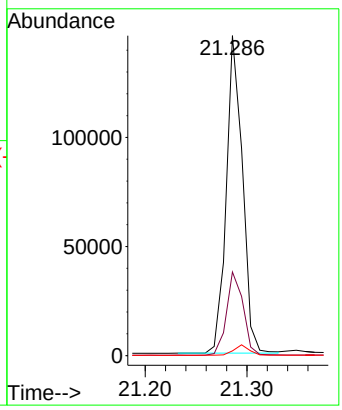


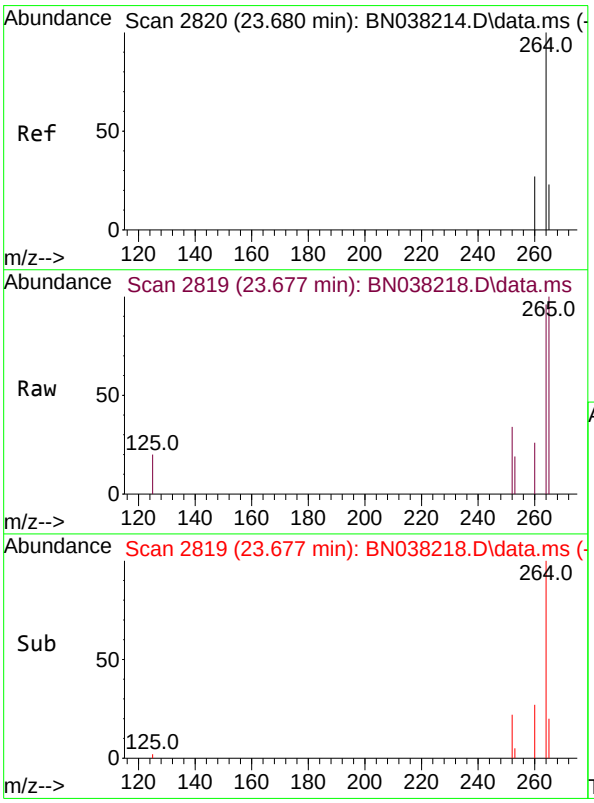
#34
Bis(2-ethylhexyl)phthalate
Concen: 5.026 ng
RT: 21.286 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 160858

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.7	31.1
279	3.2	2.5	3.7

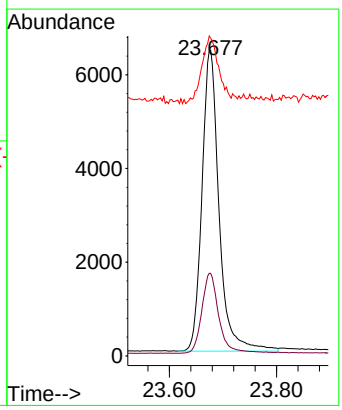


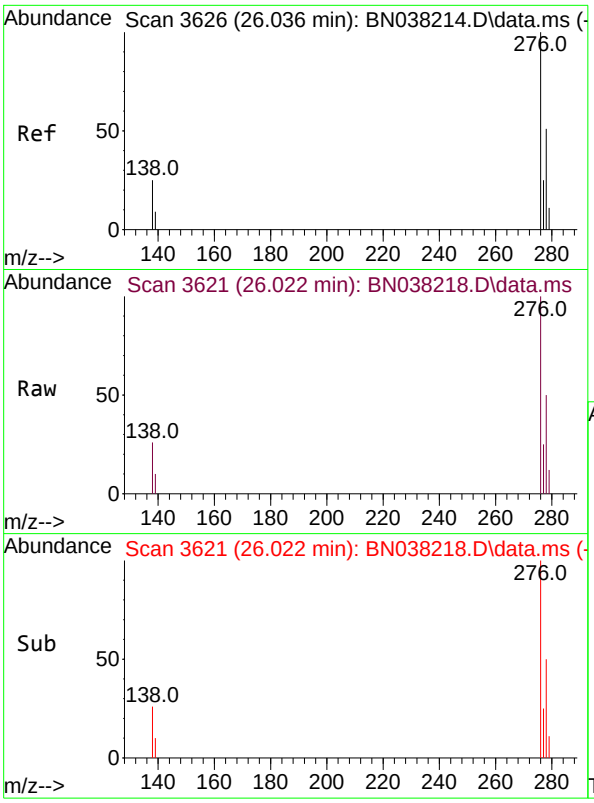


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.677 min Scan# 2819
Delta R.T. -0.003 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:264 Resp: 14227

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	103.9	98.0	147.0



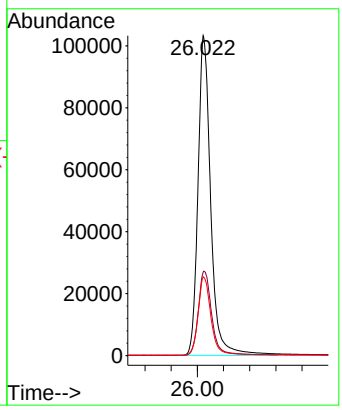


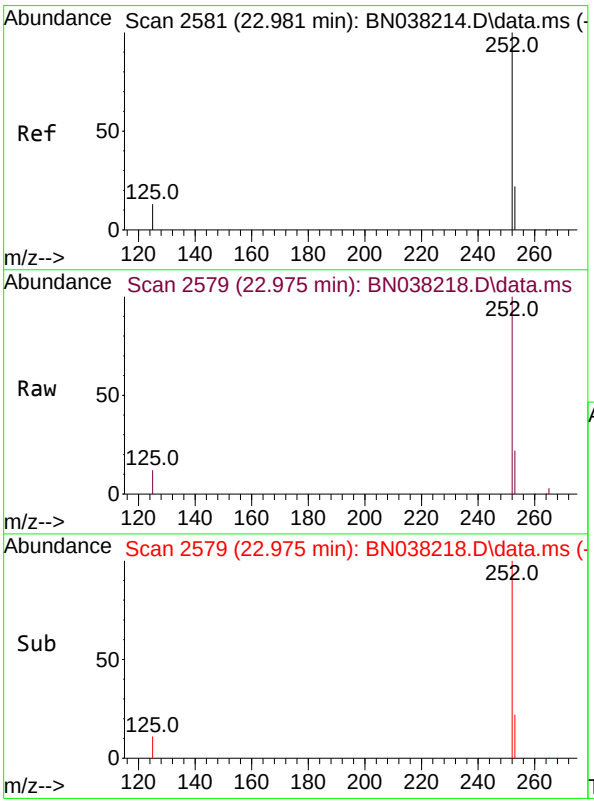
#36
Indeno(1,2,3-cd)pyrene
Concen: 5.295 ng
RT: 26.022 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 348640

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.4	32.2
277	24.9	19.1	28.7

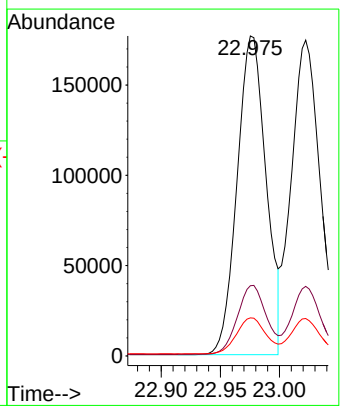


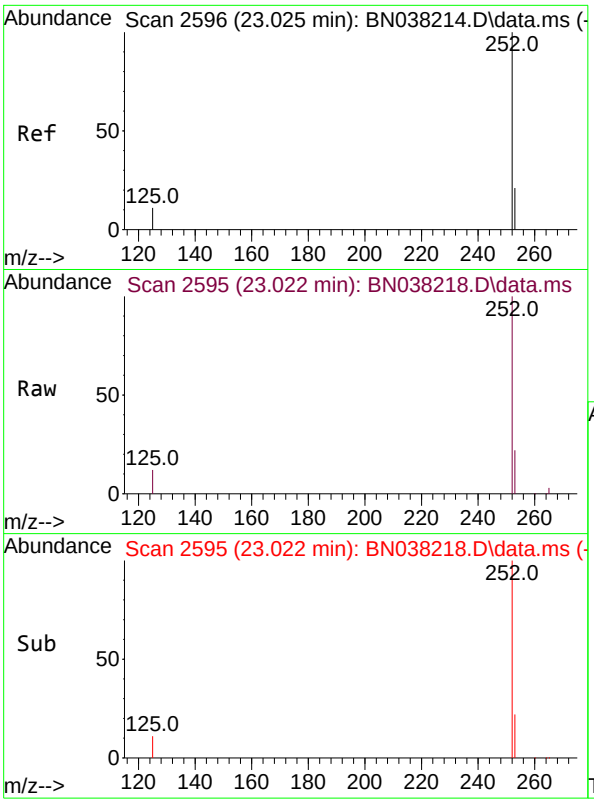


#37
Benzo(b)fluoranthene
Concen: 5.145 ng
RT: 22.975 min Scan# 2579
Delta R.T. -0.006 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:252 Resp: 300462

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.2	33.4#
125	11.9	18.0	27.0#



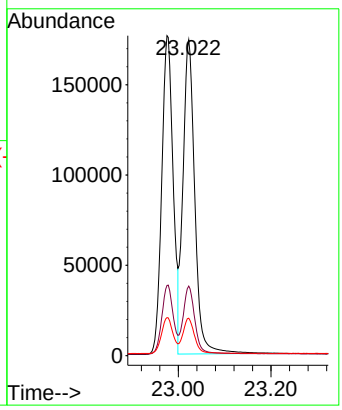


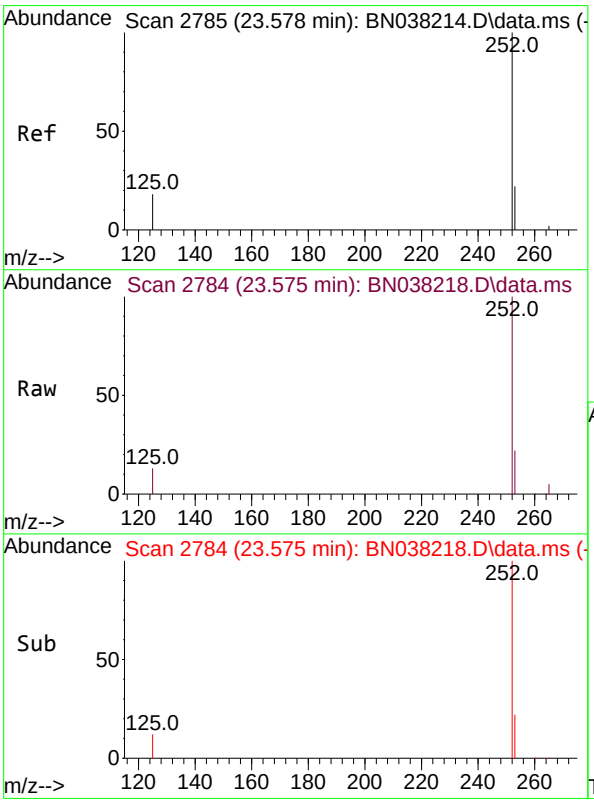
#38
Benzo(k)fluoranthene
Concen: 5.104 ng
RT: 23.022 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 309850

Ion	Ratio	Lower	Upper
252	100		
253	22.0	22.4	33.6#
125	11.8	17.5	26.3#

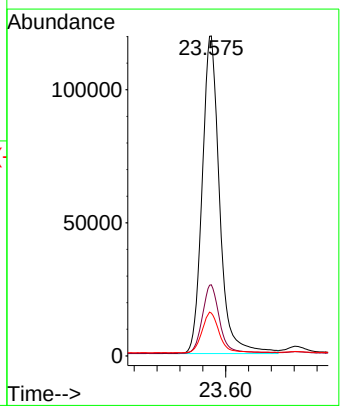


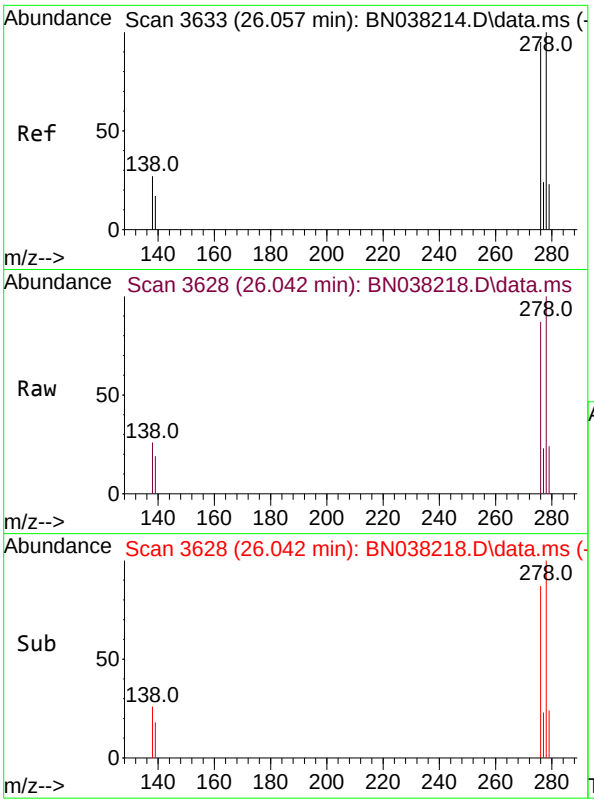


#39
Benzo(a)pyrene
Concen: 5.149 ng
RT: 23.575 min Scan# 2784
Delta R.T. -0.003 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:252 Resp: 252042

Ion	Ratio	Lower	Upper
252	100		
253	22.2	25.3	37.9#
125	13.4	25.2	37.8#



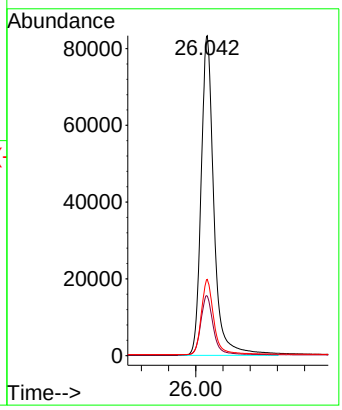


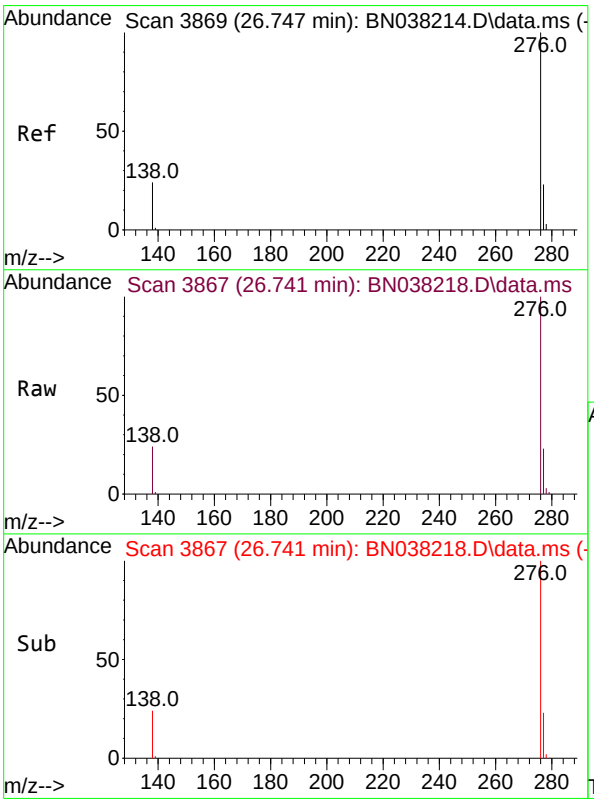
#40
Dibenzo(a,h)anthracene
Concen: 5.462 ng
RT: 26.042 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 272232

Ion	Ratio	Lower	Upper
278	100		
139	18.6	17.6	26.4
279	23.8	24.2	36.4#





#41
Benzo(g,h,i)perylene
Concen: 5.013 ng
RT: 26.741 min Scan# 3867
Delta R.T. -0.006 min
Lab File: BN038218.D
Acq: 27 Nov 2025 00:13

Tgt Ion:276 Resp: 296912

Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.2	30.2
138	24.1	20.8	31.2