Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112725\
Data File : BN038217.D
Acq On : 26 Nov 2025 23:37
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 28 20:55:50 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	8921	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	27682	0.400	ng		#-0.01
13) Acenaphthene-d10	14.430	164	16051	0.400	ng		0.00
19) Phenanthrene-d10	17.174	188	27295	0.400	ng		#-0.01
29) Chrysene-d12	21.367	240	16427	0.400	ng		# 0.00
35) Perylene-d12	23.674	264	13786	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	65305	3.132	ng		0.00
5) Phenol-d6	6.930	99	85830	3.295	ng		0.00
8) Nitrobenzene-d5	8.918	82	68353	3.088	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	129220	3.288	ng		0.00
14) 2,4,6-Tribromophenol	15.920	330	21150	4.188	ng		-0.01
15) 2-Fluorobiphenyl	13.051	172	189268	3.053	ng		0.00
27) Fluoranthene-d10	19.215	212	197760	3.340	ng		0.00
31) Terphenyl-d14	19.815	244	127791	3.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	28493	3.032	ng		100
3) n-Nitrosodimethylamine	3.550	42	37688	3.252	ng	#	96
6) bis(2-Chloroethyl)ether	7.183	93	80616	3.232	ng		98
9) Naphthalene	10.616	128	242099	3.149	ng		99
10) Hexachlorobutadiene	10.915	225	39924	3.054	ng	#	99
12) 2-Methylnaphthalene	12.238	142	166016	3.282	ng		99
16) Acenaphthylene	14.142	152	239664	3.339	ng		100
17) Acenaphthene	14.495	154	162095	3.240	ng		97
18) Fluorene	15.478	166	219348	3.387	ng		99
20) 4,6-Dinitro-2-methylph...	15.560	198	12986	3.198	ng	#	1
21) 4-Bromophenyl-phenylether	16.379	248	62082	3.283	ng	#	91
22) Hexachlorobenzene	16.491	284	69759	3.000	ng		100
23) Atrazine	16.640	200	43154	3.573	ng	#	91
24) Pentachlorophenol	16.838	266	25503	4.002	ng		98
25) Phenanthrene	17.223	178	282285	3.294	ng		100
26) Anthracene	17.310	178	252456	3.453	ng		99
28) Fluoranthene	19.243	202	279719	3.387	ng		99
30) Pyrene	19.606	202	272924	3.326	ng		100
32) Benzo(a)anthracene	21.349	228	186737	3.357	ng		99
33) Chrysene	21.402	228	202547	3.085	ng		99
34) Bis(2-ethylhexyl)phtha...	21.286	149	97307	3.194	ng		99
36) Indeno(1,2,3-cd)pyrene	26.025	276	216471	3.393	ng		98
37) Benzo(b)fluoranthene	22.979	252	189788	3.354	ng	#	84
38) Benzo(k)fluoranthene	23.022	252	195835	3.329	ng	#	85
39) Benzo(a)pyrene	23.572	252	156001	3.289	ng	#	76
40) Dibenzo(a,h)anthracene	26.040	278	169926	3.518	ng	#	90
41) Benzo(g,h,i)perylene	26.738	276	186060	3.242	ng		97

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

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Misc :
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Instrument :
BNA_N
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SSTDICC3.2

Quant Time: Nov 28 20:55:50 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
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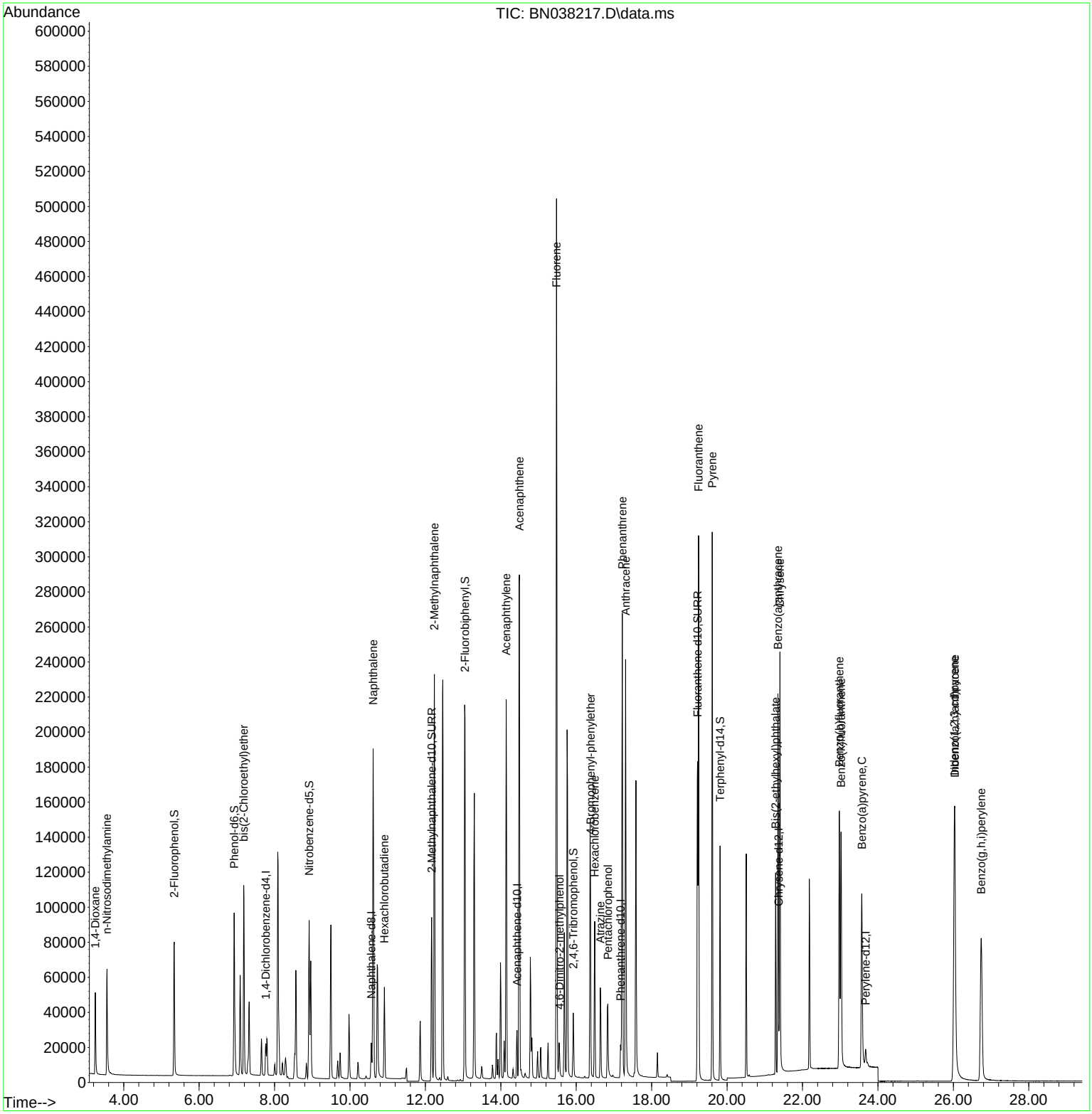
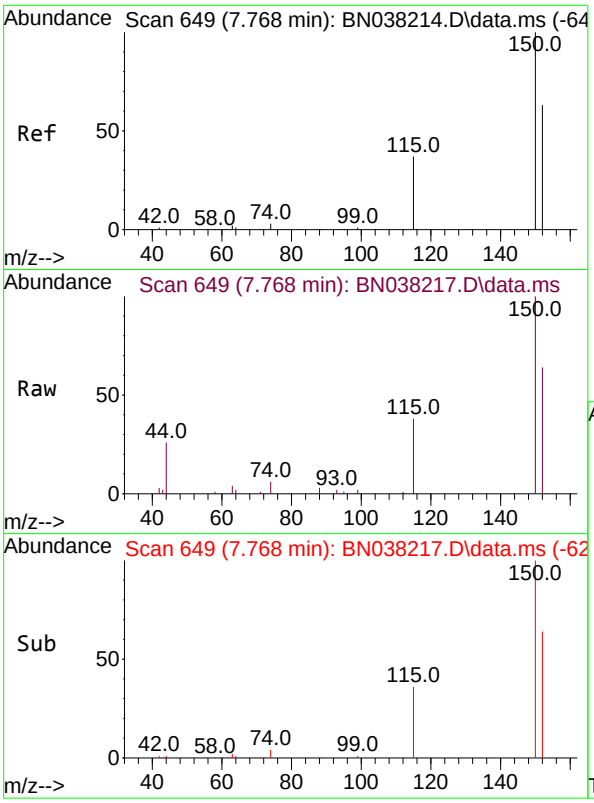


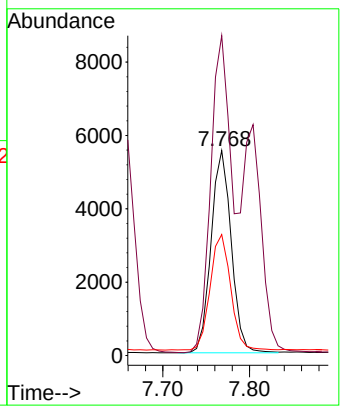


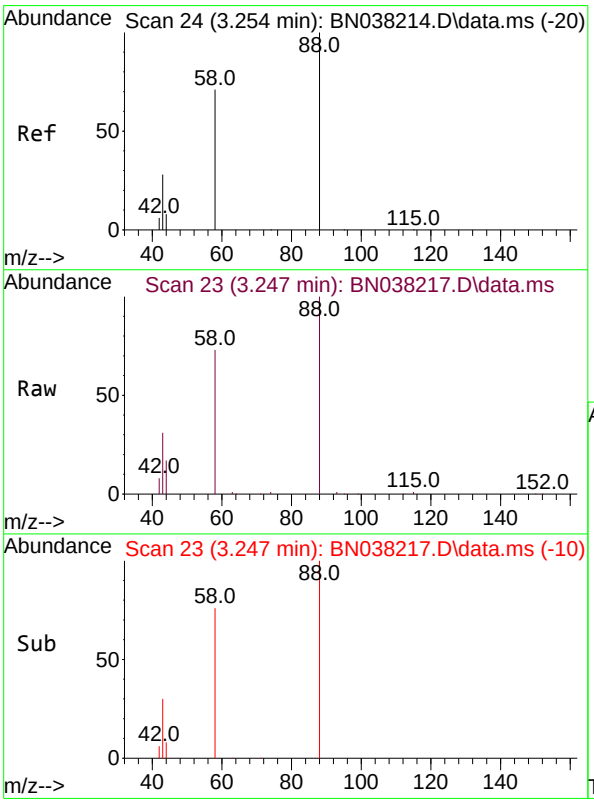
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 8921

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	59.1	49.0	73.4

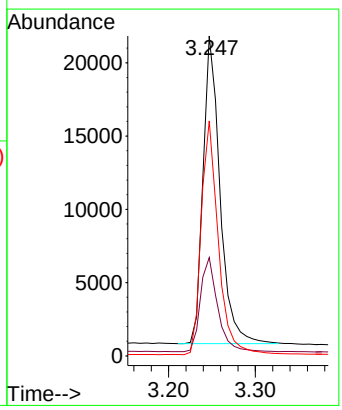


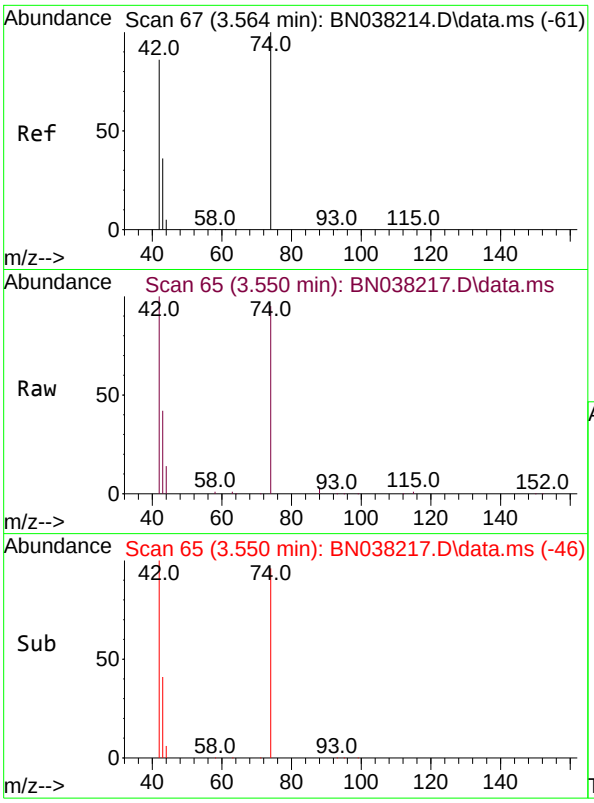


#2
1,4-Dioxane
Concen: 3.032 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion: 88 Resp: 28493

Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.8	37.2
58	76.3	61.1	91.7



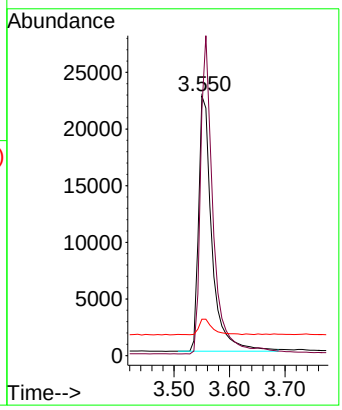


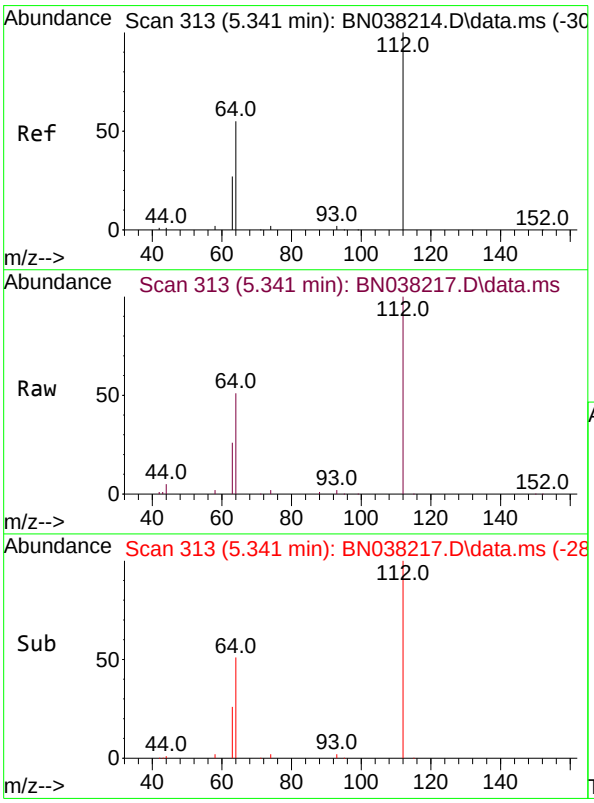
#3
n-Nitrosodimethylamine
Concen: 3.252 ng
RT: 3.550 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 37688

Ion	Ratio	Lower	Upper
42	100		
74	116.3	96.2	144.2
44	6.3	8.0	12.0#

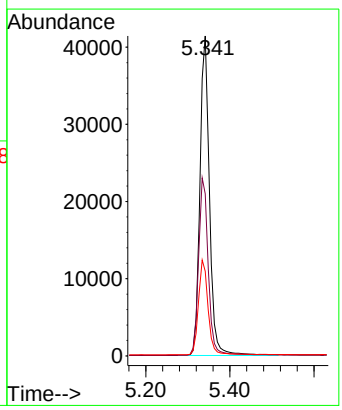


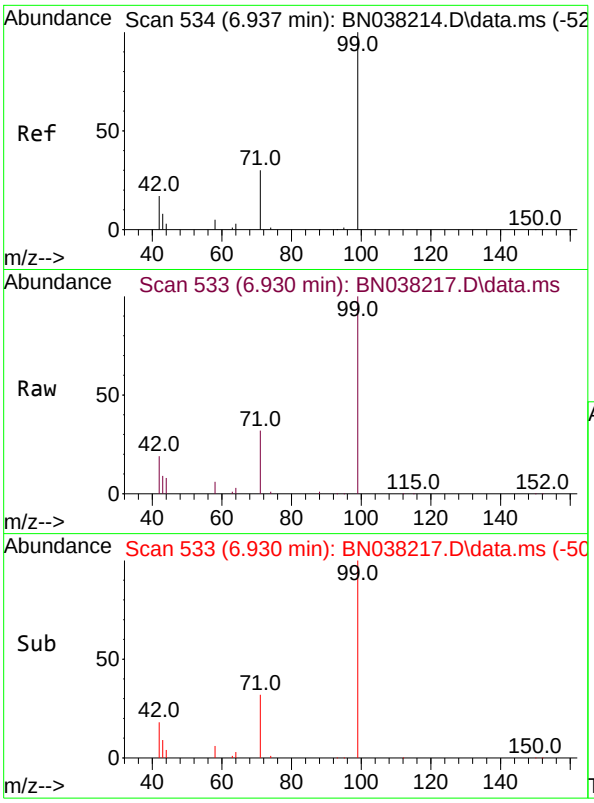


#4
2-Fluorophenol
Concen: 3.132 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:112 Resp: 65305

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.0	67.4
63	29.7	23.2	34.8



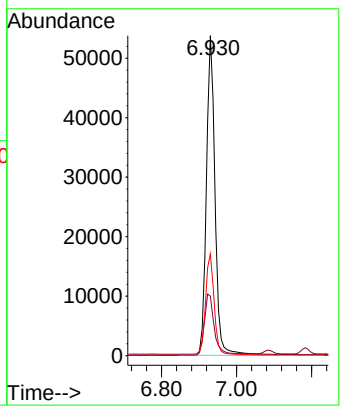


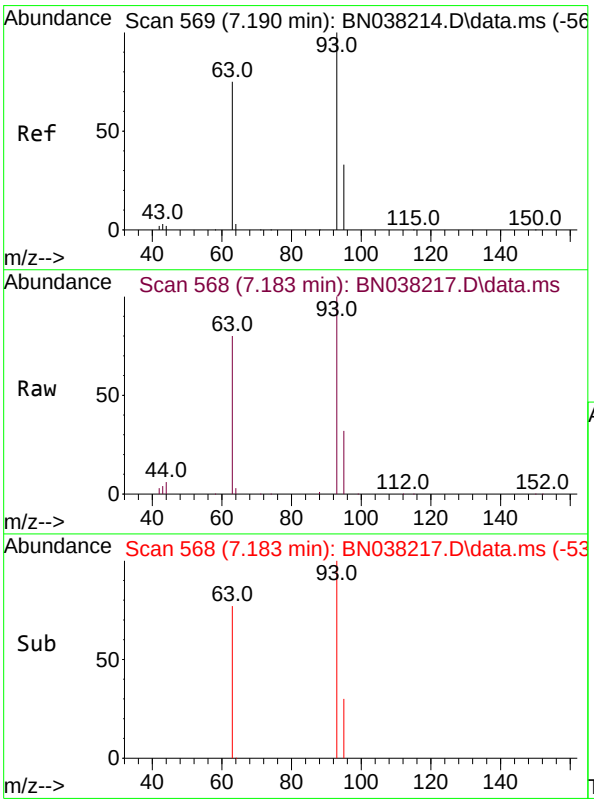
#5
Phenol-d6
Concen: 3.295 ng
RT: 6.930 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 85830

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	32.2	25.4	38.2

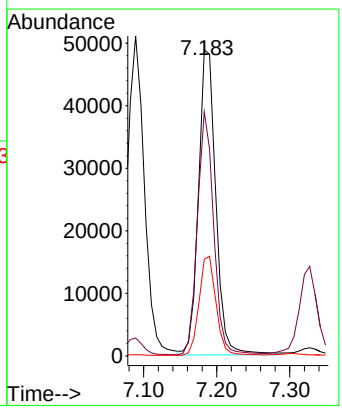


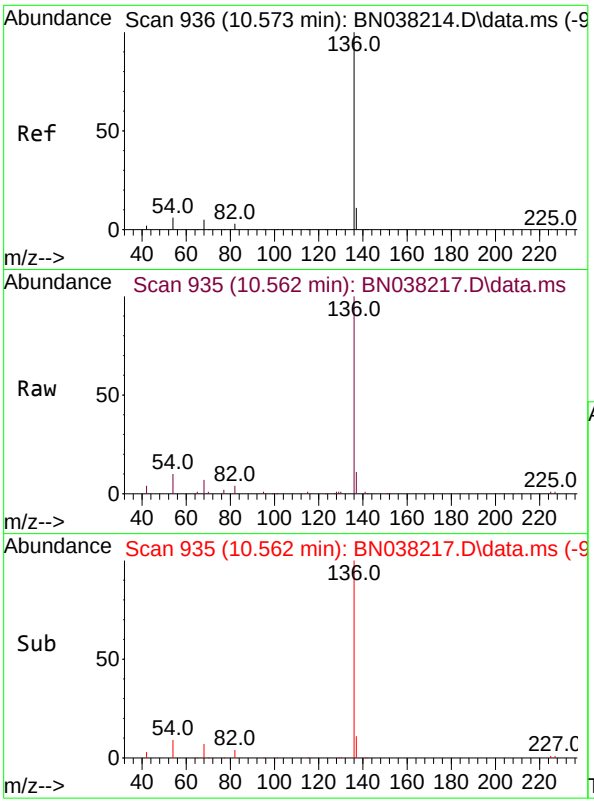


#6
bis(2-Chloroethyl)ether
Concen: 3.232 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion: 93 Resp: 80616

Ion	Ratio	Lower	Upper
93	100		
63	74.8	58.1	87.1
95	31.8	25.1	37.7



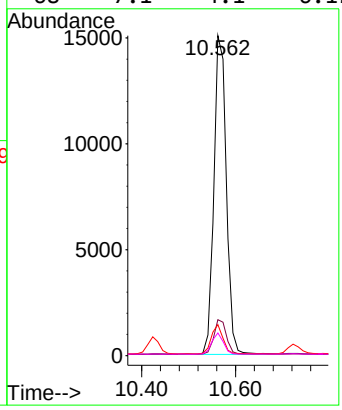


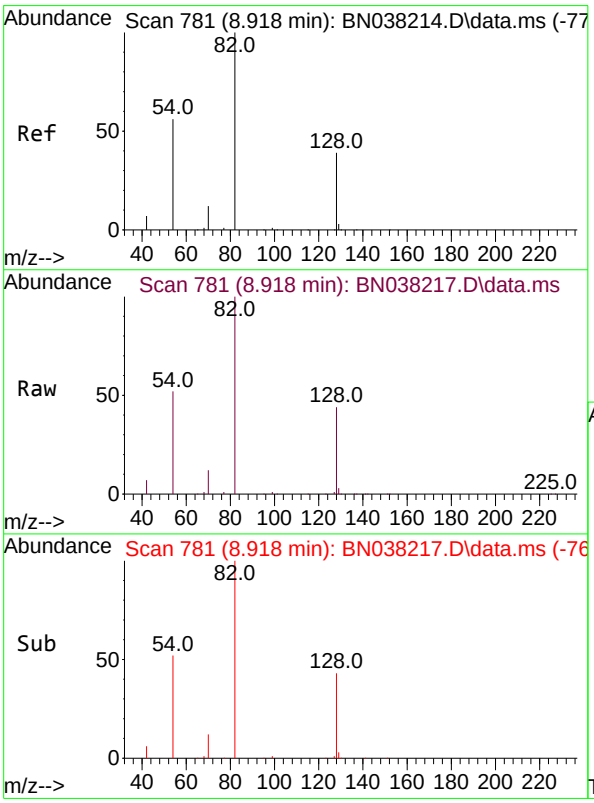
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 27682

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	5.4	8.0#
68	7.1	4.1	6.1#

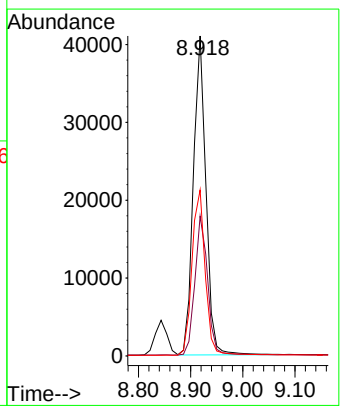


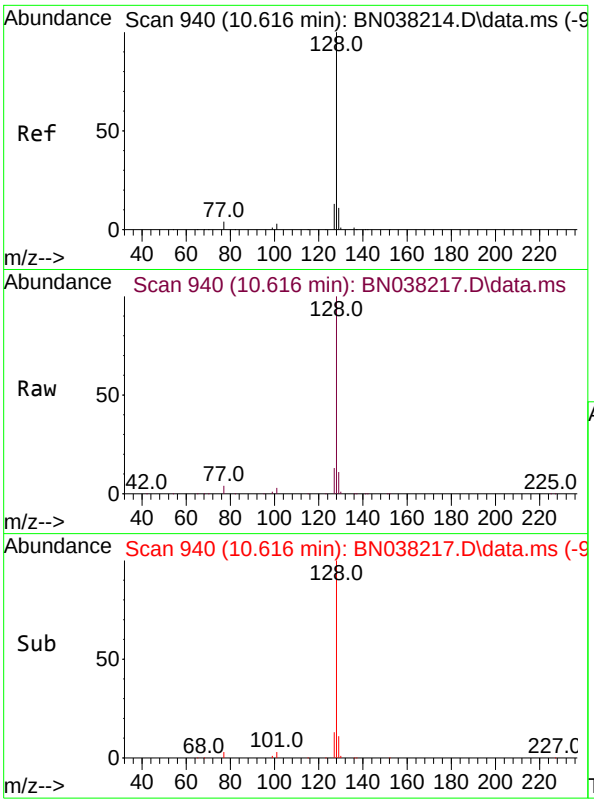


#8
Nitrobenzene-d5
Concen: 3.088 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion: 82 Resp: 68353

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.6	48.8
54	51.9	45.4	68.0



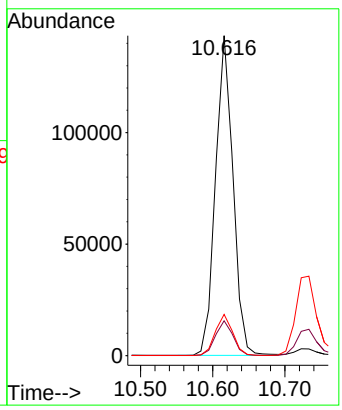


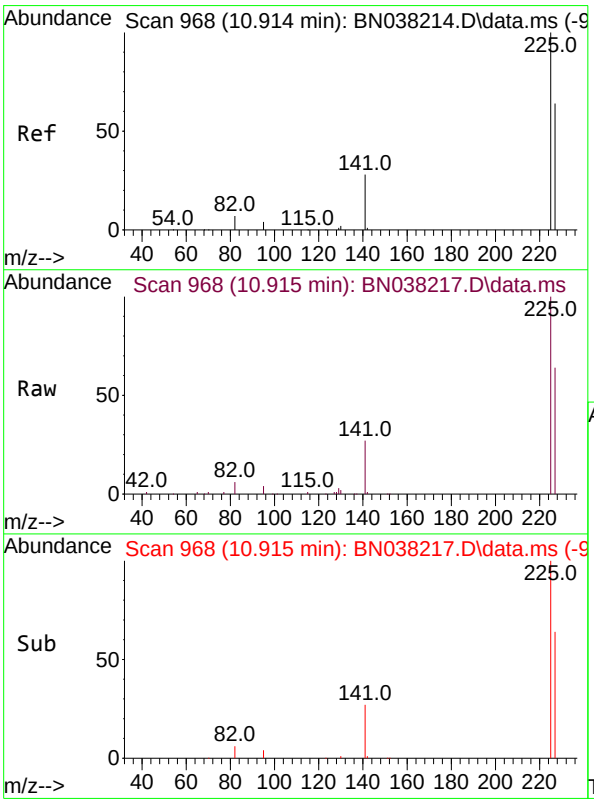
#9
Naphthalene
Concen: 3.149 ng
RT: 10.616 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 242099

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.9	10.6	16.0

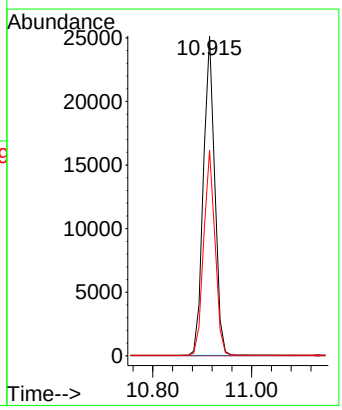


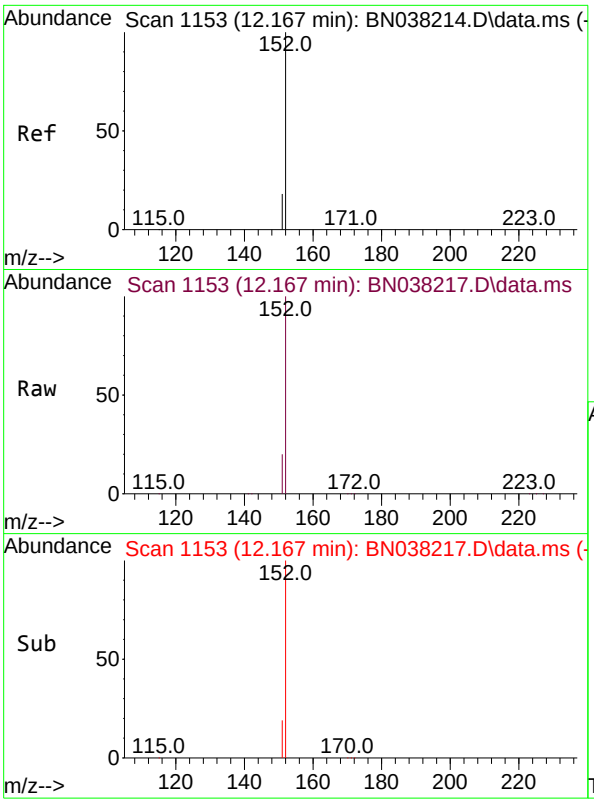


#10
Hexachlorobutadiene
Concen: 3.054 ng
RT: 10.915 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:225 Resp: 39924

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.5	75.7



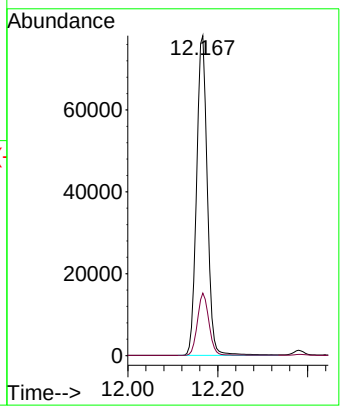


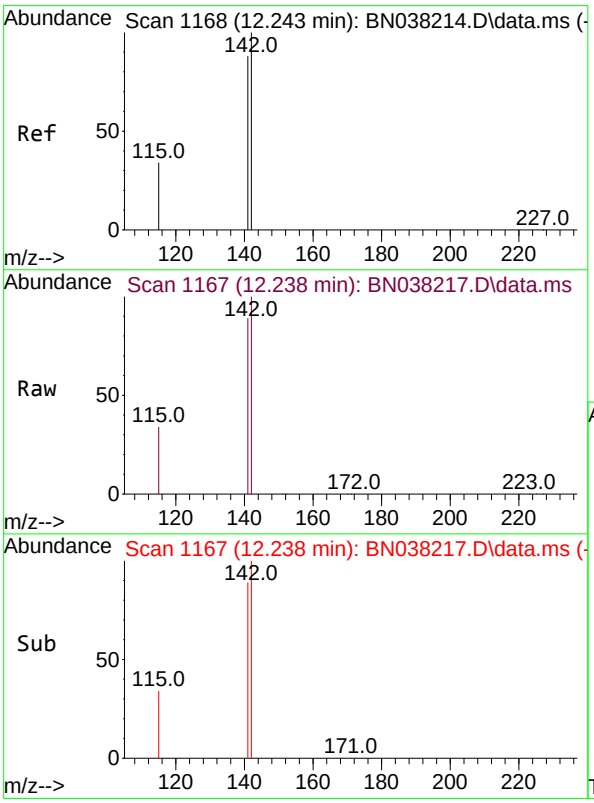
#11
2-Methylnaphthalene-d10
Concen: 3.288 ng
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 129220

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

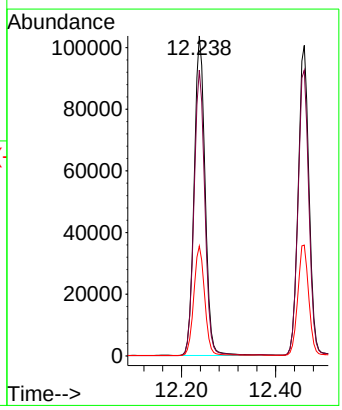


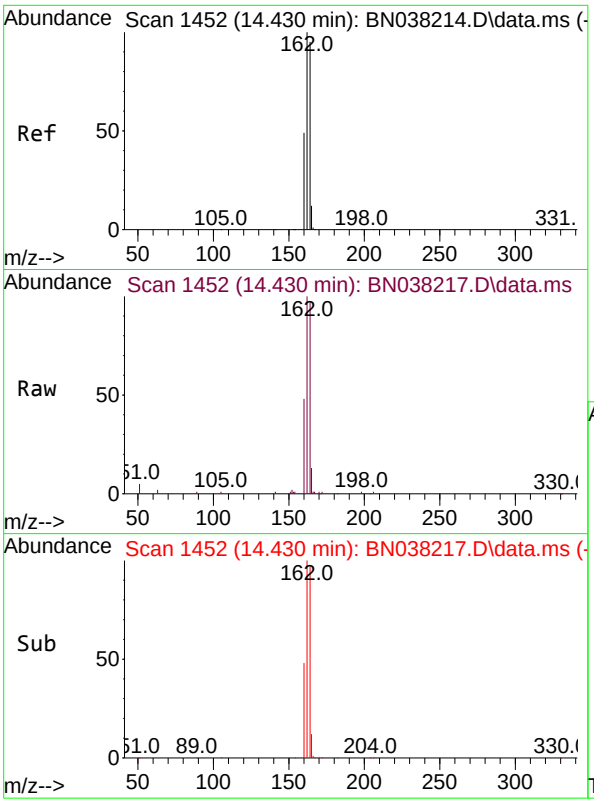


#12
2-Methylnaphthalene
Concen: 3.282 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:142 Resp: 166016

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	34.3	27.7	41.5



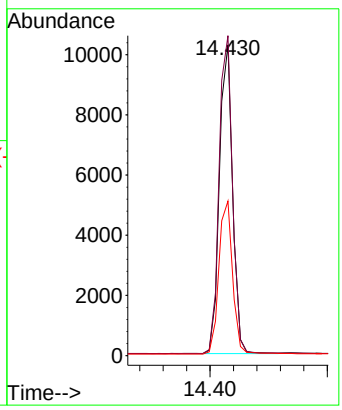


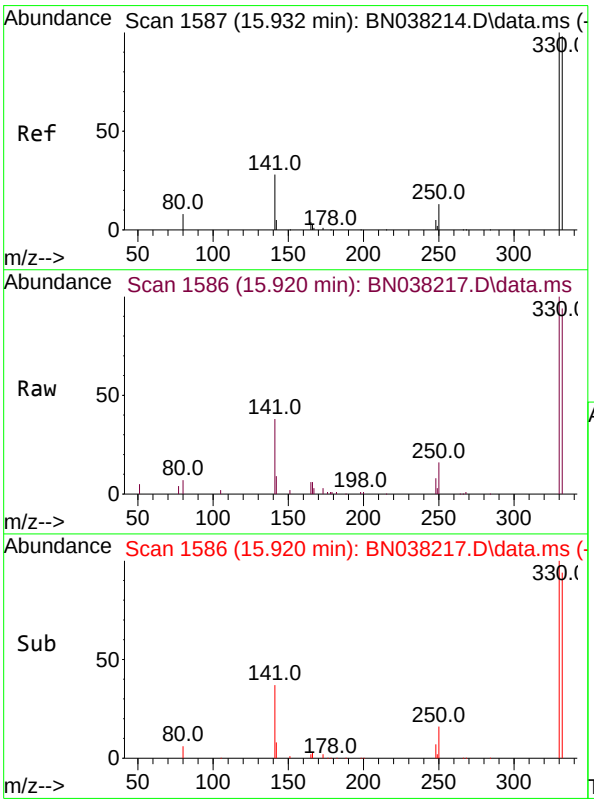
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 16051

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.8	125.8
160	49.7	41.6	62.4

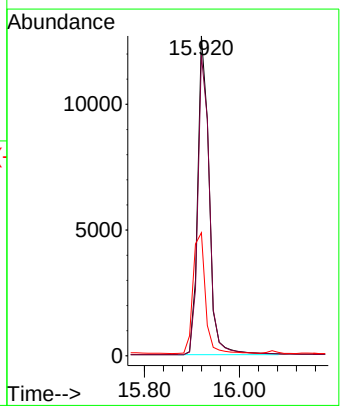


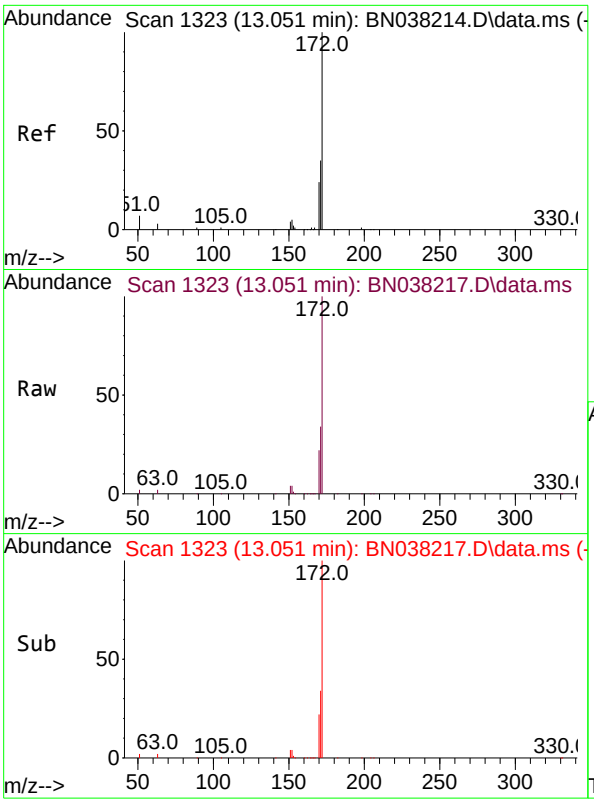


#14
2,4,6-Tribromophenol
Concen: 4.188 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:330 Resp: 21150

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	41.0	33.0	49.4



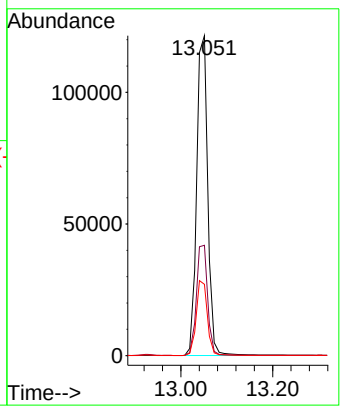


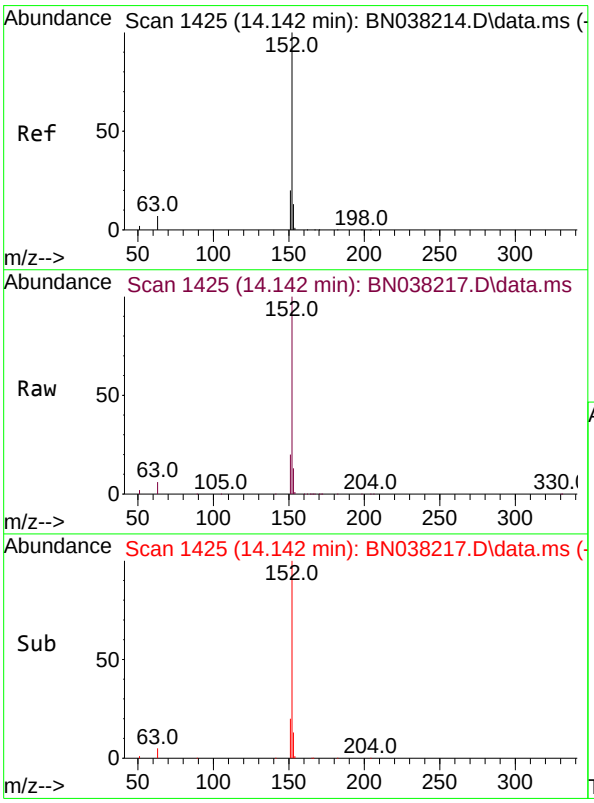
#15
2-Fluorobiphenyl
Concen: 3.053 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 189268

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	22.3	19.1	28.7

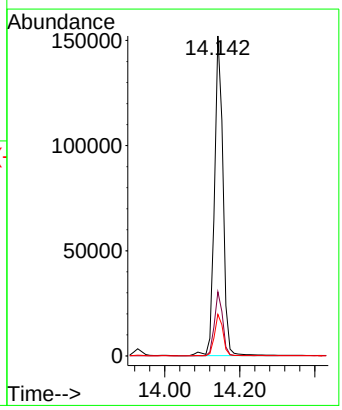


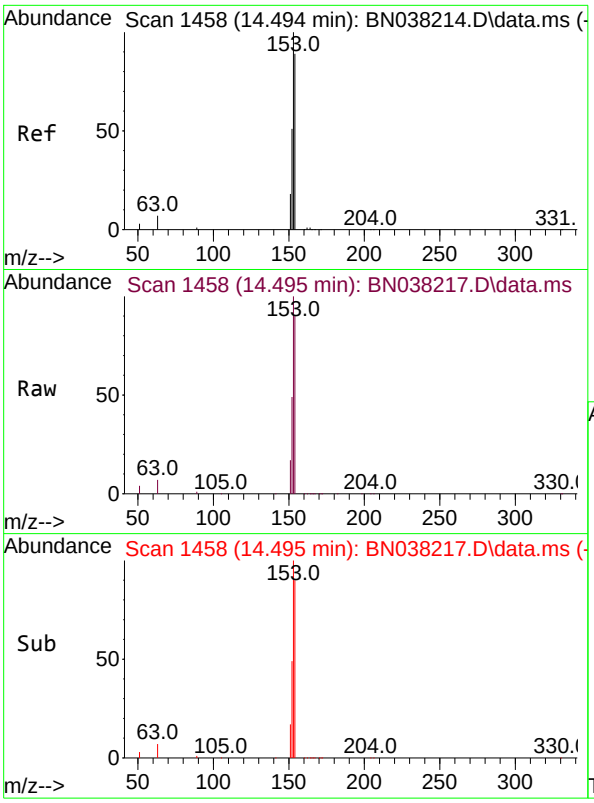


#16
Acenaphthylene
Concen: 3.339 ng
RT: 14.142 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:152 Resp: 239664

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.6	15.8



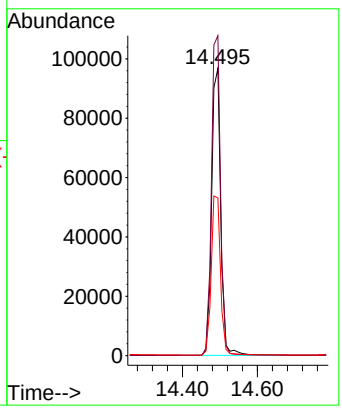


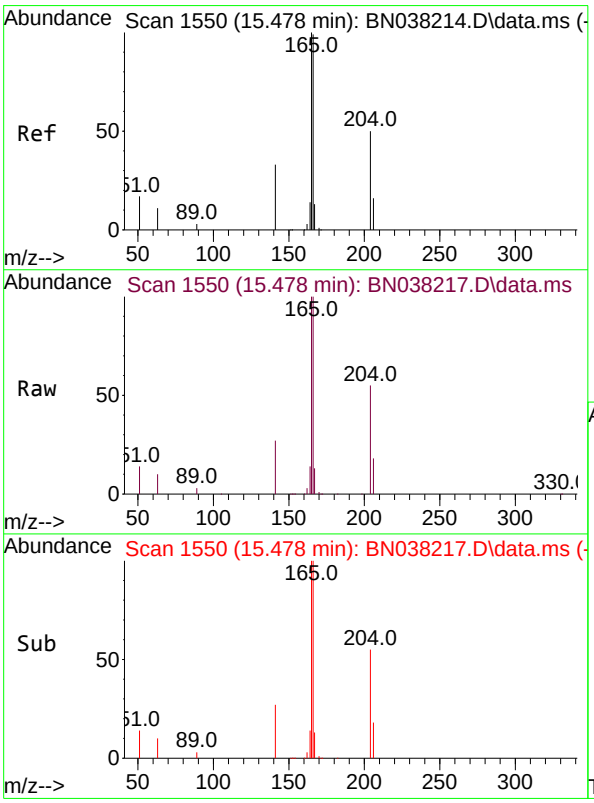
#17
Acenaphthene
Concen: 3.240 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 162095

Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.1	136.7
152	56.7	48.2	72.2

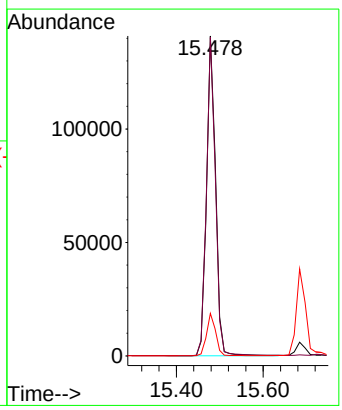


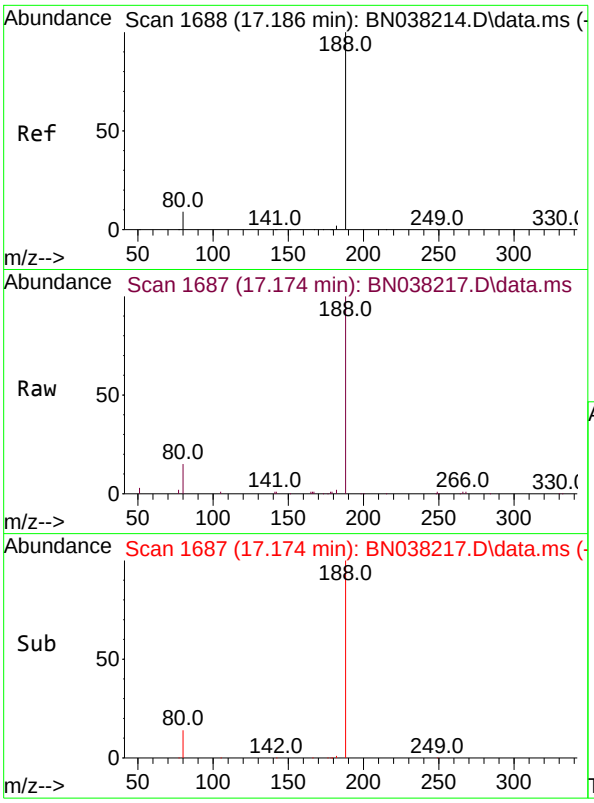


#18
Fluorene
Concen: 3.387 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:166 Resp: 219348

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.7	118.1
167	13.2	10.9	16.3



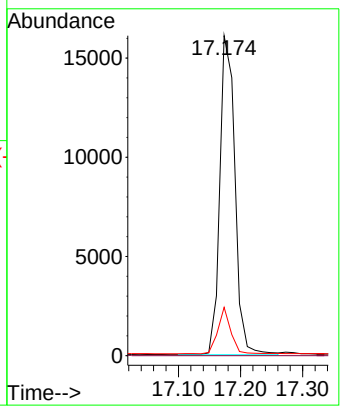


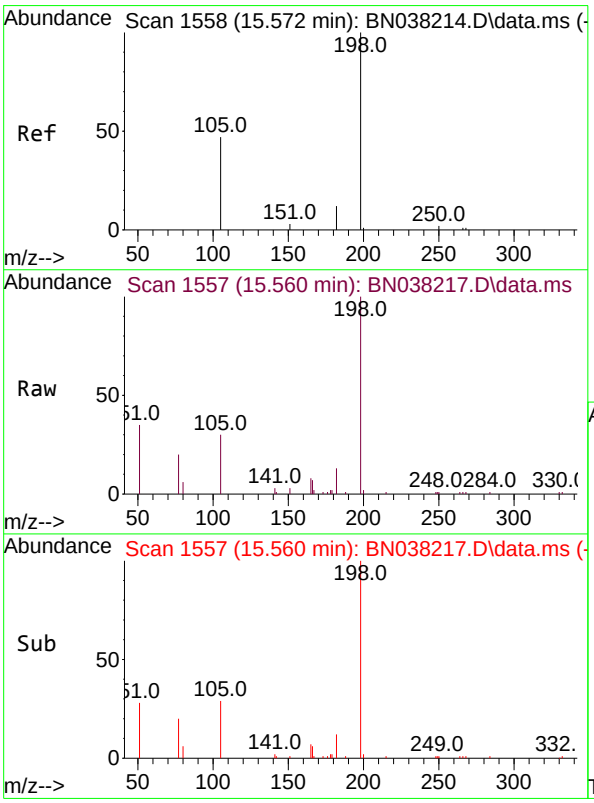
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.174 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 27295

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	7.7	11.5#

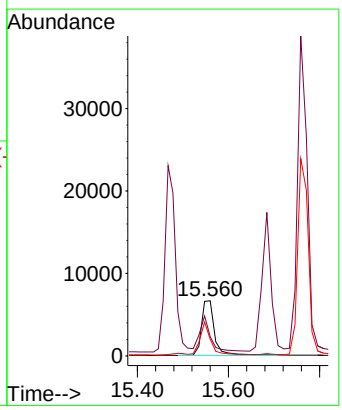


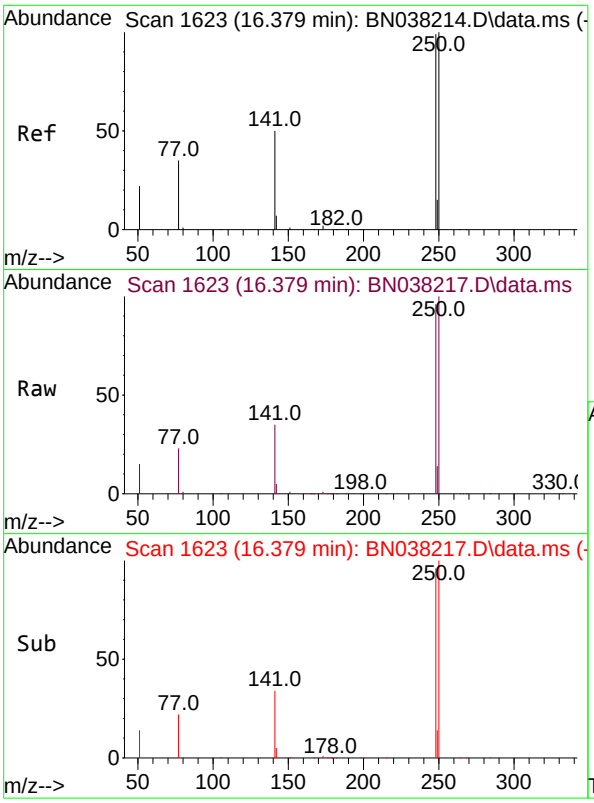


#20
4,6-Dinitro-2-methylphenol
Concen: 3.198 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:198 Resp: 12986

Ion	Ratio	Lower	Upper
198	100		
51	34.6	205.1	307.7#
105	30.5	61.6	92.4#



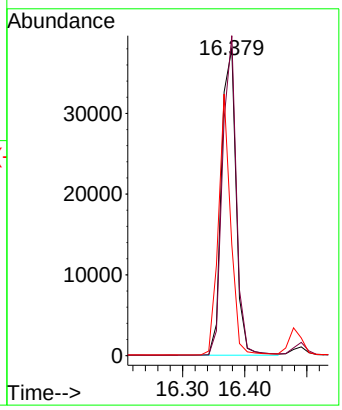


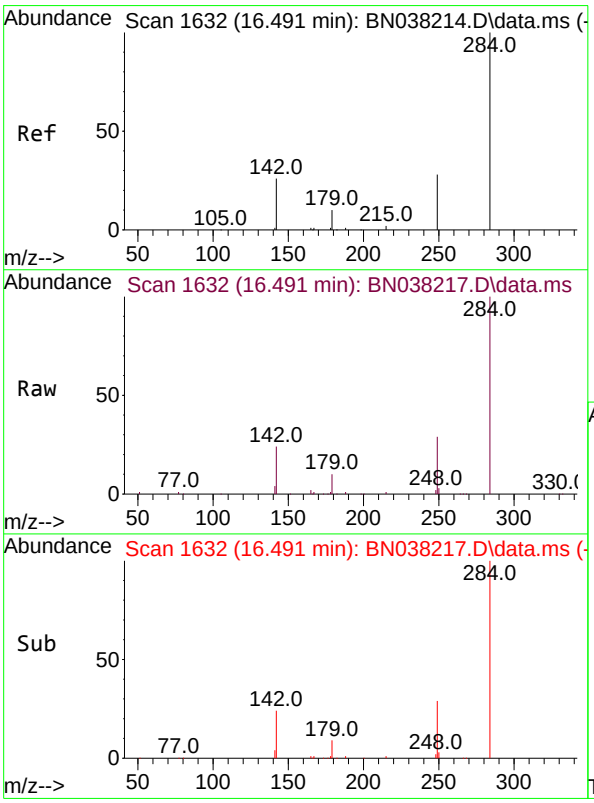
#21
4-Bromophenyl-phenylether
Concen: 3.283 ng
RT: 16.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 62082

Ion	Ratio	Lower	Upper
248	100		
250	104.2	80.8	121.2
141	36.1	41.0	61.6#

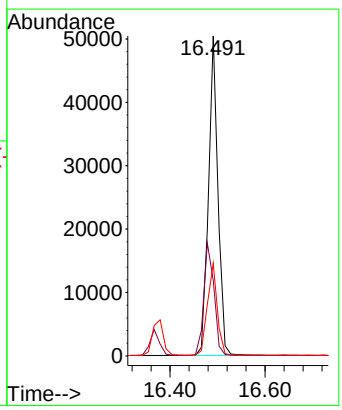


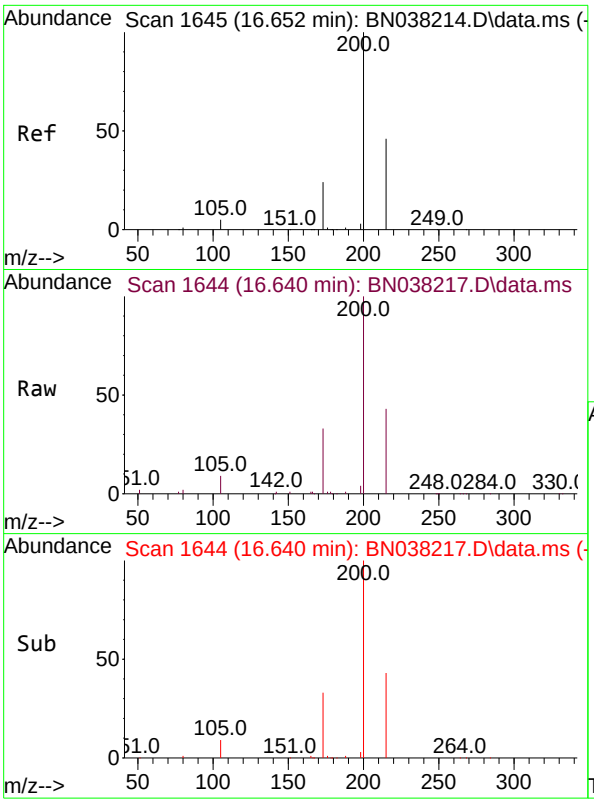


#22
Hexachlorobenzene
Concen: 3.000 ng
RT: 16.491 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:284 Resp: 69759

Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.5	45.7
249	29.9	23.8	35.8



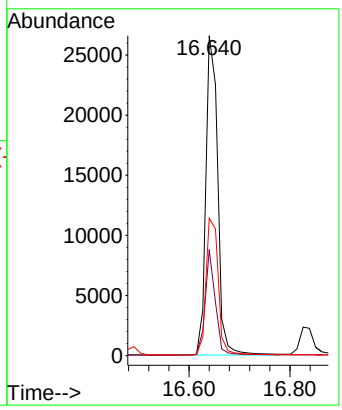


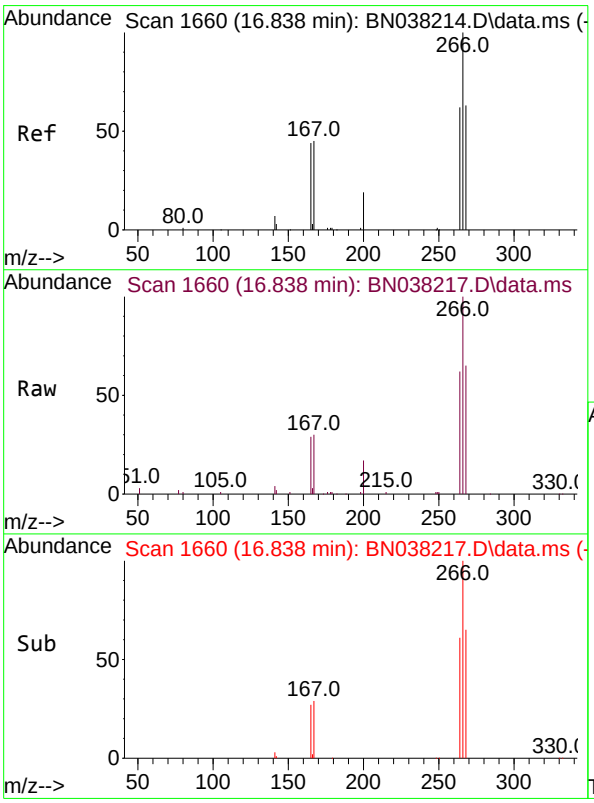
#23
Atrazine
Concen: 3.573 ng
RT: 16.640 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 43154

Ion	Ratio	Lower	Upper
200	100		
173	33.1	21.0	31.6#
215	42.9	37.8	56.8

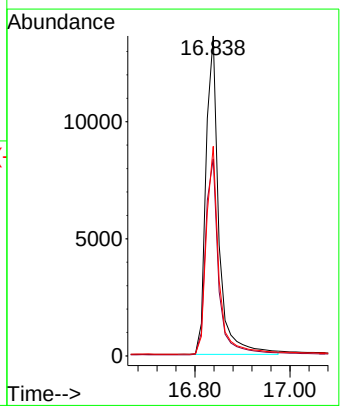


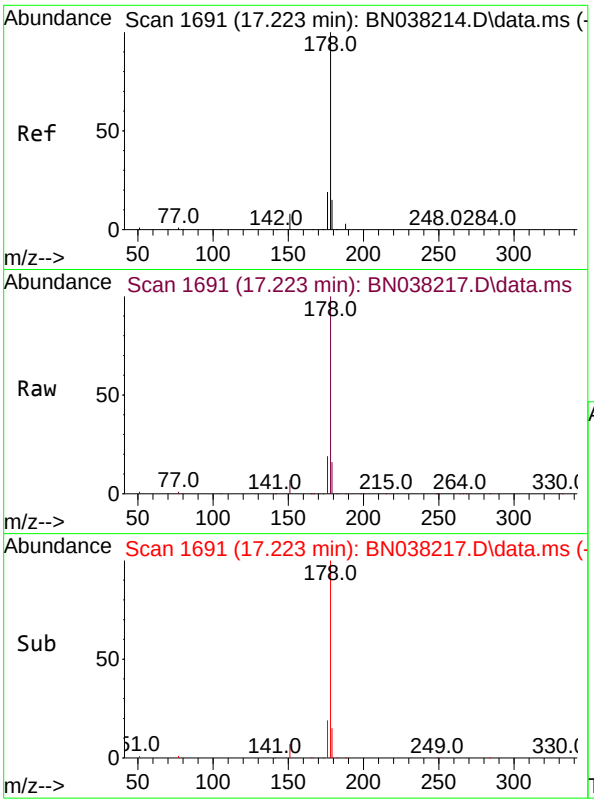


#24
Pentachlorophenol
Concen: 4.002 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:266 Resp: 25503

Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.9	73.3
268	63.8	50.2	75.2



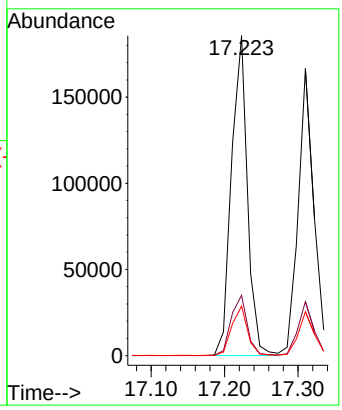


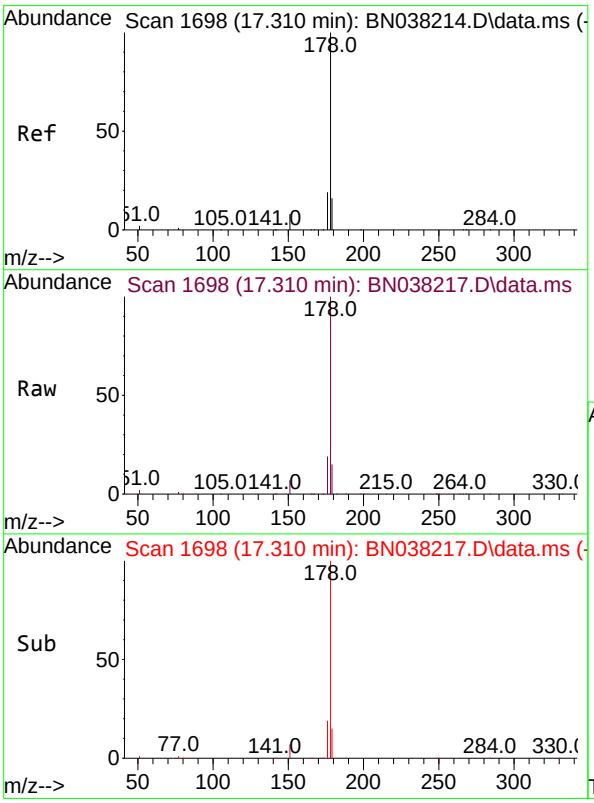
#25
Phenanthrene
Concen: 3.294 ng
RT: 17.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 282285

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.0	18.0

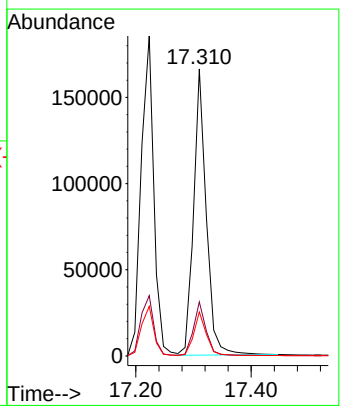


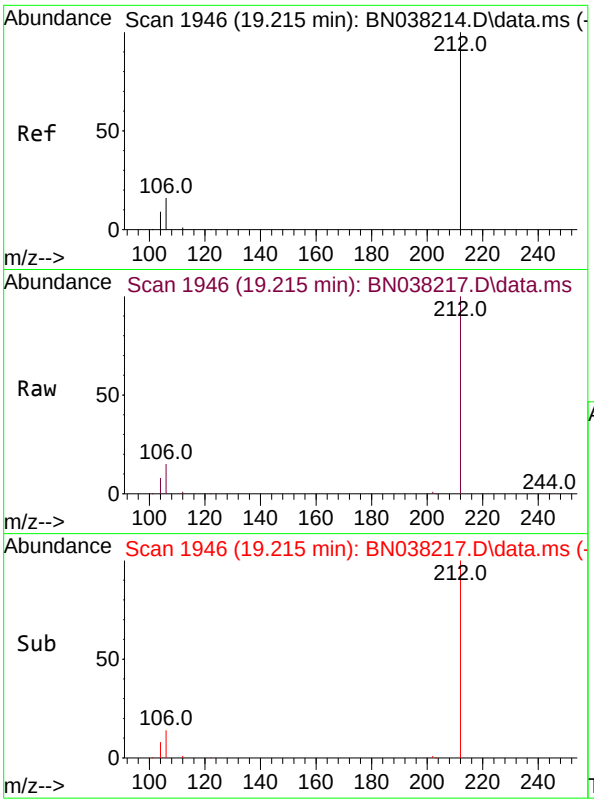


#26
Anthracene
Concen: 3.453 ng
RT: 17.310 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:178 Resp: 252456

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.2	12.3	18.5



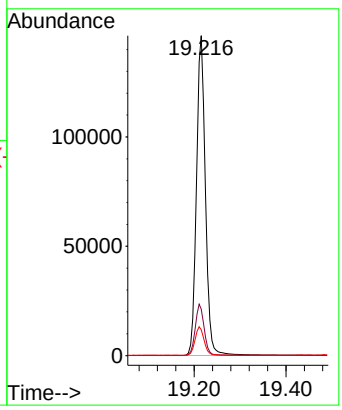


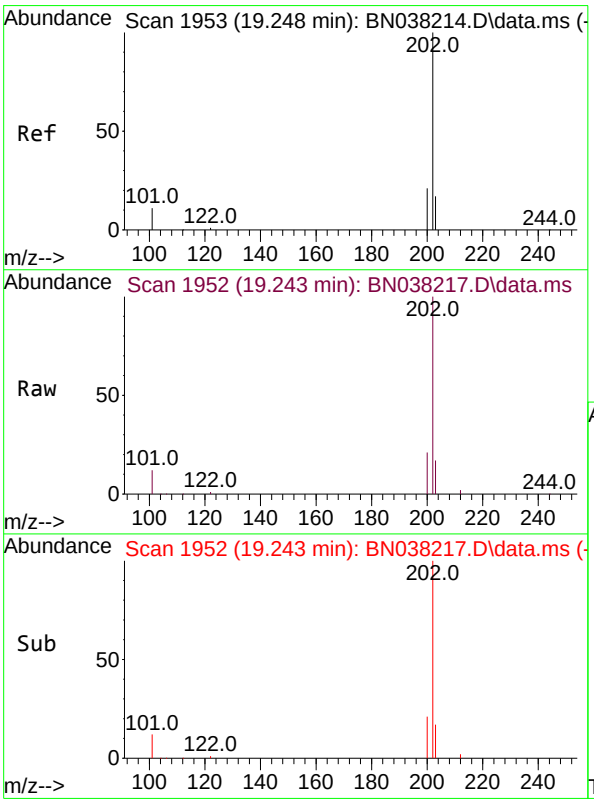
#27
Fluoranthene-d10
Concen: 3.340 ng
RT: 19.215 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 197760

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.7	19.1
104	9.0	7.3	10.9

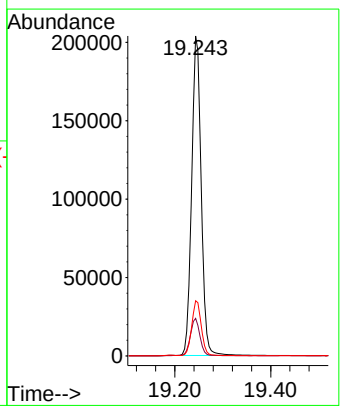


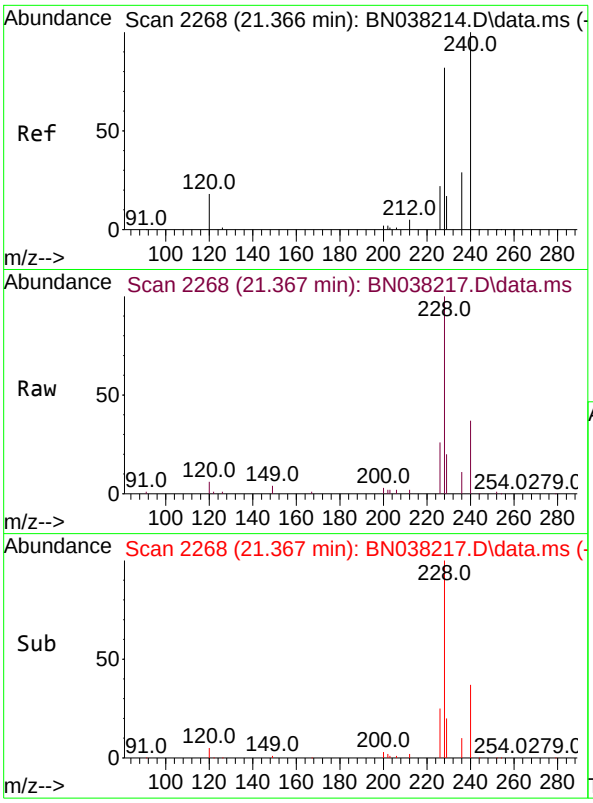


#28
Fluoranthene
Concen: 3.387 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.004 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:202 Resp: 279719

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
203	17.3	13.6	20.4



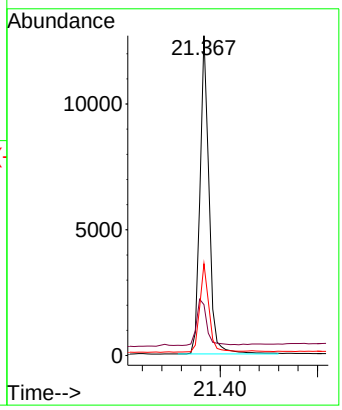


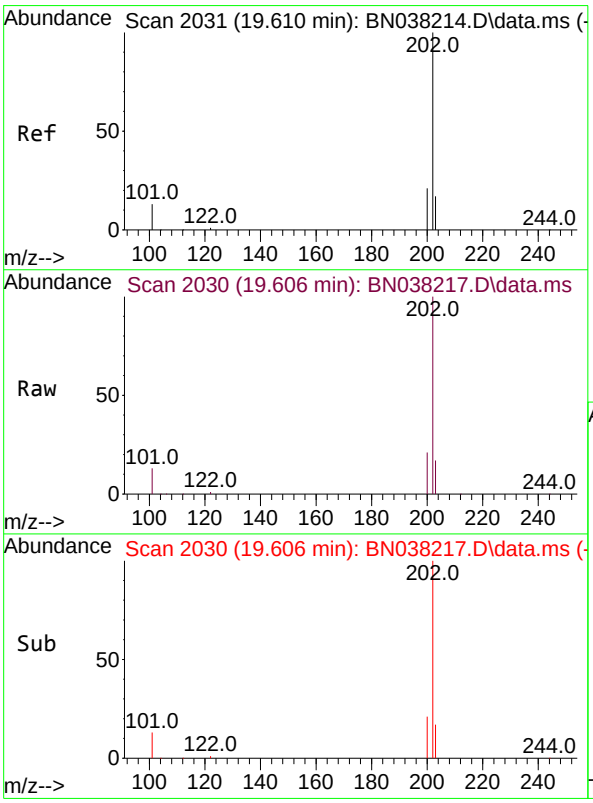
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 16427

Ion	Ratio	Lower	Upper
240	100		
120	15.9	18.1	27.1#
236	28.7	24.2	36.4

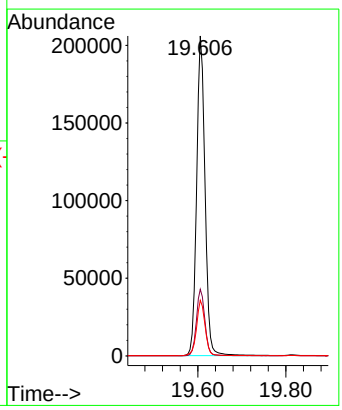


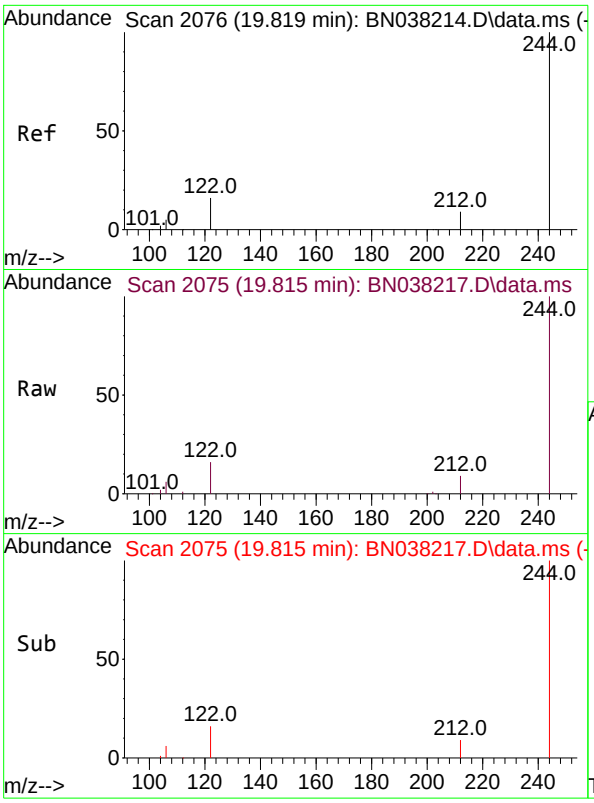


#30
Pyrene
Concen: 3.326 ng
RT: 19.606 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:202 Resp: 272924

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.8	14.4	21.6



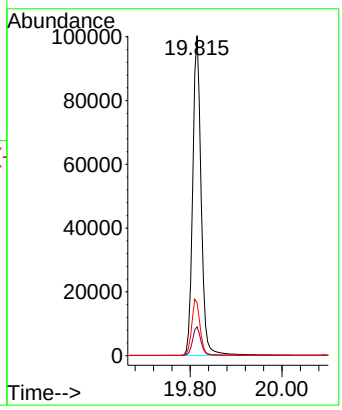


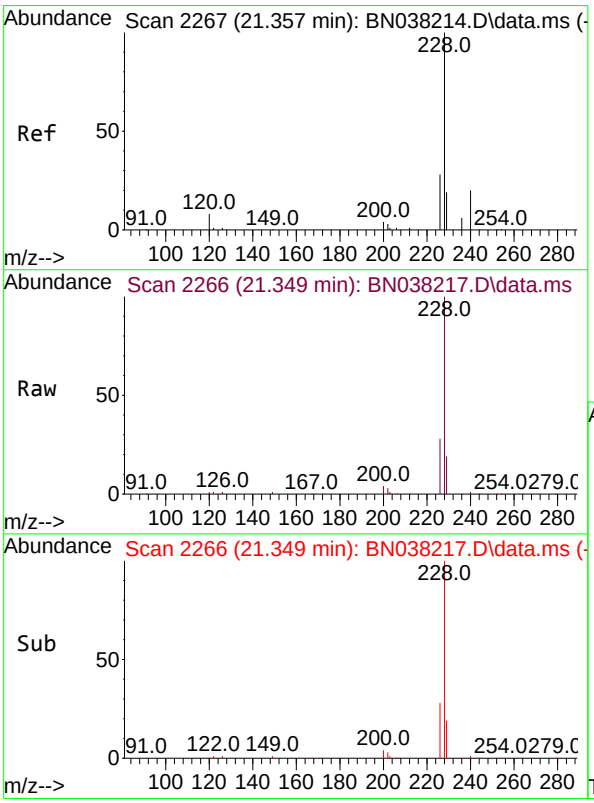
#31
Terphenyl-d14
Concen: 3.368 ng
RT: 19.815 min Scan# 20
Delta R.T. -0.004 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 127791

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.7	11.5
122	16.5	13.6	20.4

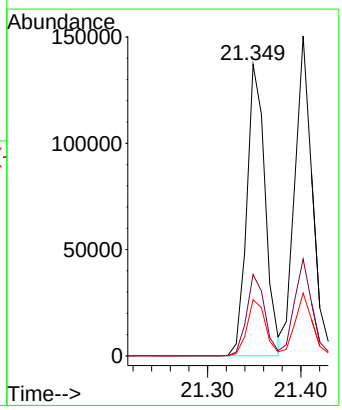


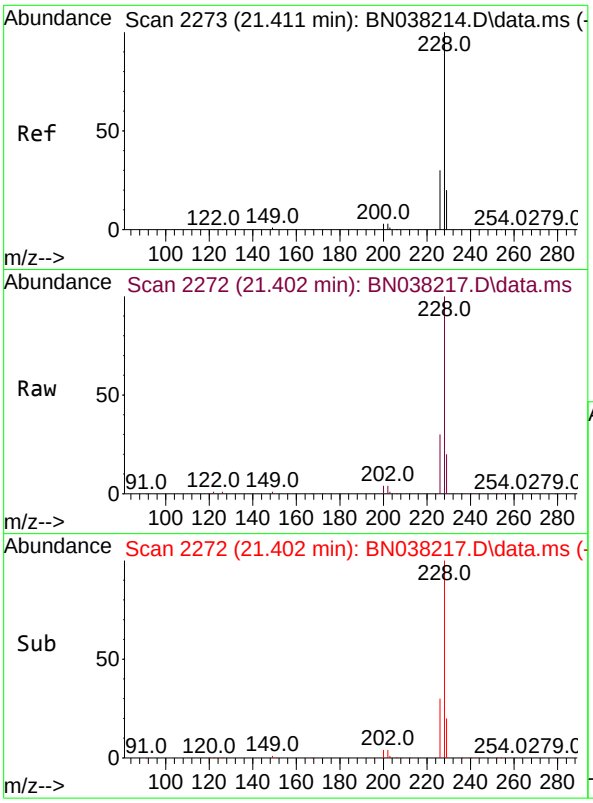


#32
Benzo(a)anthracene
Concen: 3.357 ng
RT: 21.349 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:228 Resp: 186737

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.3	15.8	23.8



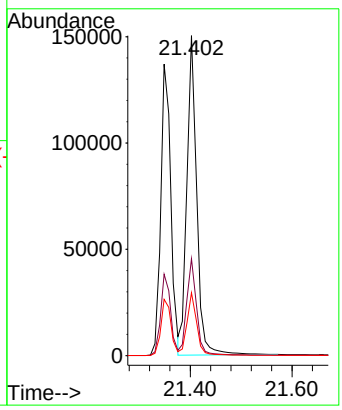


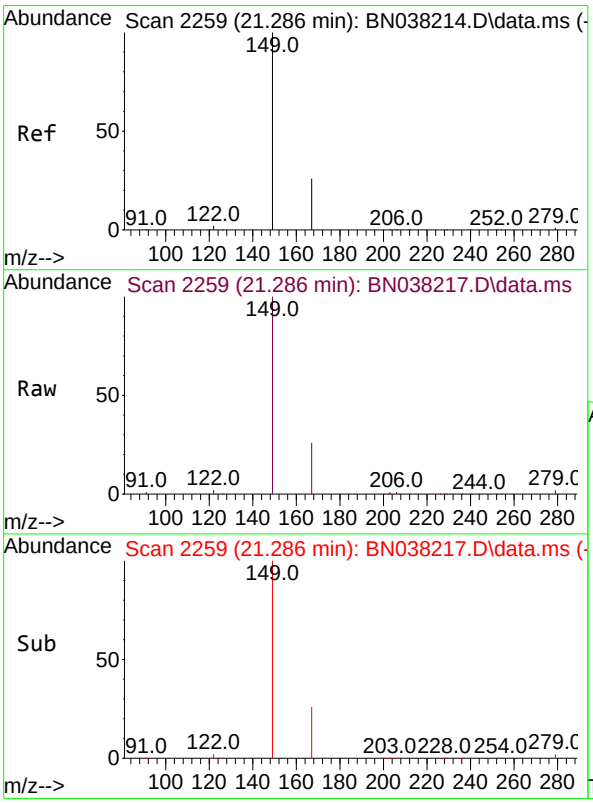
#33
Chrysene
Concen: 3.085 ng
RT: 21.402 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 202547

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.6	16.1	24.1

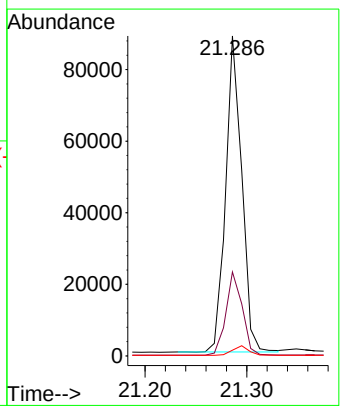


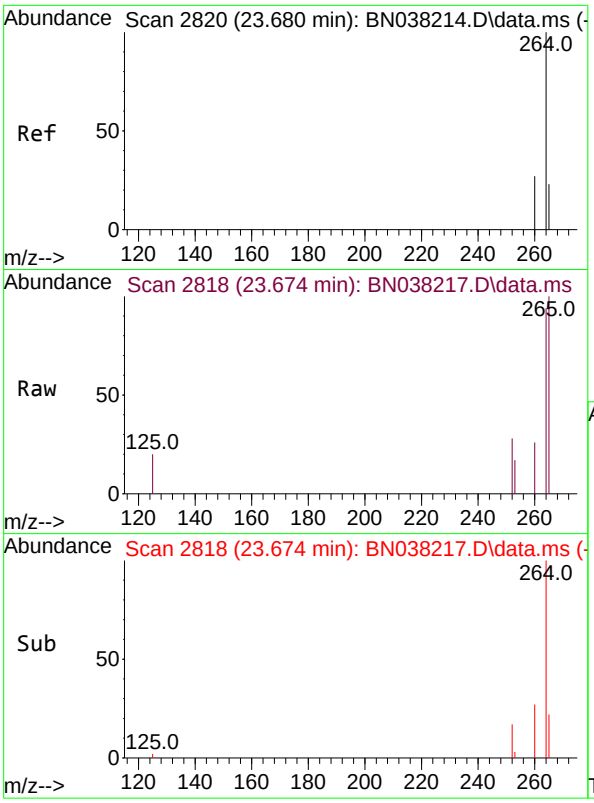


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.194 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:149 Resp: 97307

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.7	31.1
279	3.1	2.5	3.7



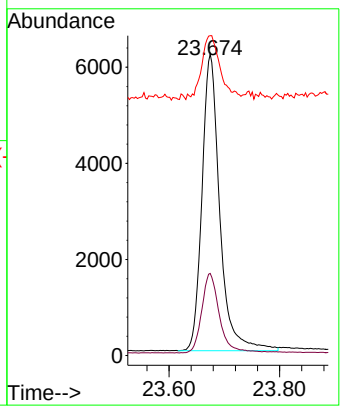


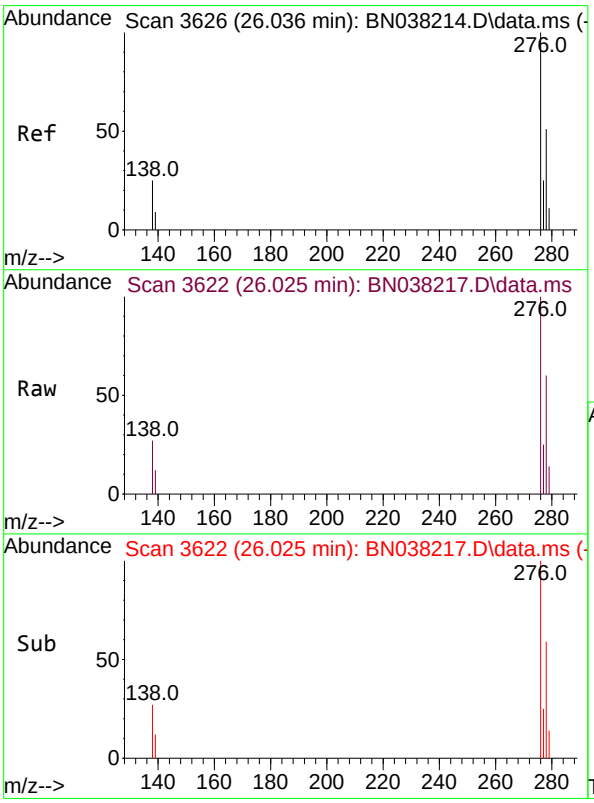
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.674 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 13786

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.7	32.5
265	106.2	98.0	147.0

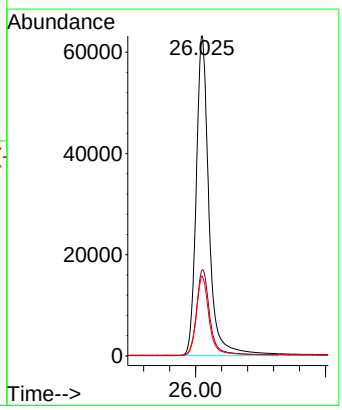


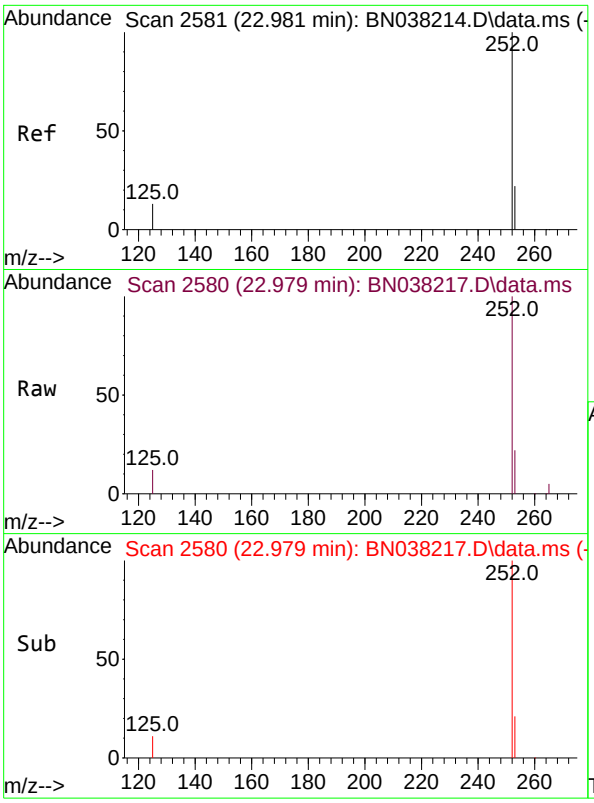


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.393 ng
RT: 26.025 min Scan# 3622
Delta R.T. -0.011 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:276 Resp: 216471

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.4	32.2
277	24.8	19.1	28.7



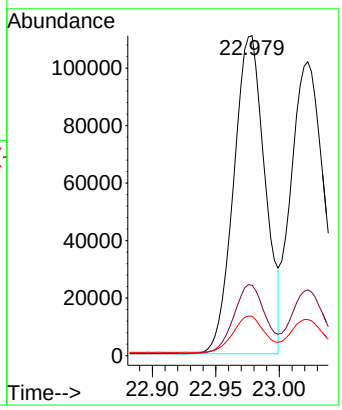


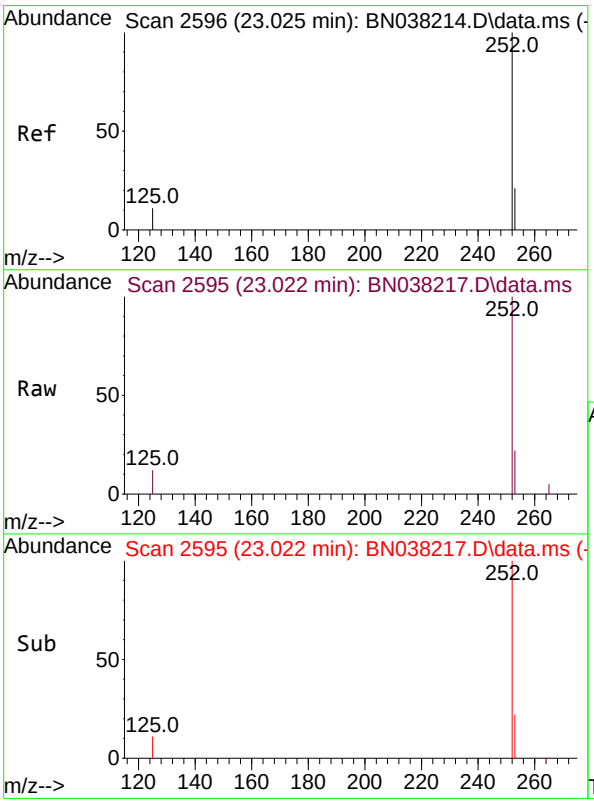
#37
Benzo(b)fluoranthene
Concen: 3.354 ng
RT: 22.979 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 189788

Ion	Ratio	Lower	Upper
252	100		
253	22.0	22.2	33.4#
125	12.3	18.0	27.0#

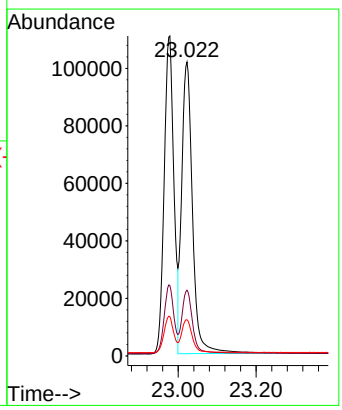


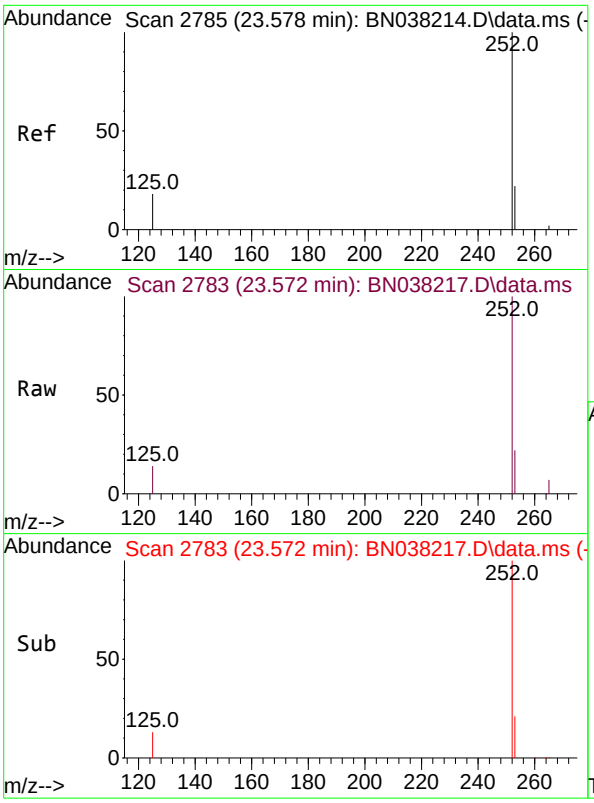


#38
Benzo(k)fluoranthene
Concen: 3.329 ng
RT: 23.022 min Scan# 2595
Delta R.T. -0.003 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:252 Resp: 195835

Ion	Ratio	Lower	Upper
252	100		
253	22.4	22.4	33.6#
125	12.3	17.5	26.3#



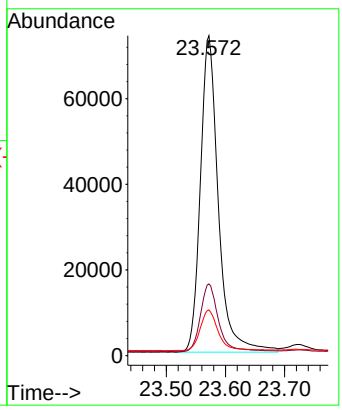


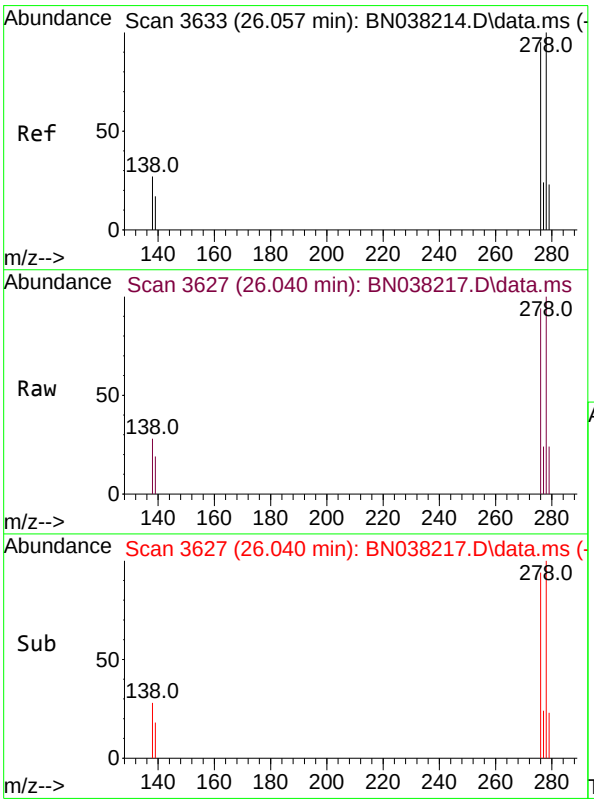
#39
Benzo(a)pyrene
Concen: 3.289 ng
RT: 23.572 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 156001

Ion	Ratio	Lower	Upper
252	100		
253	22.4	25.3	37.9#
125	14.3	25.2	37.8#

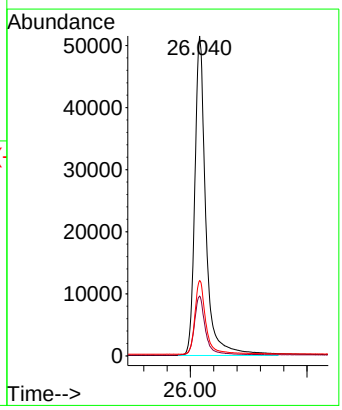


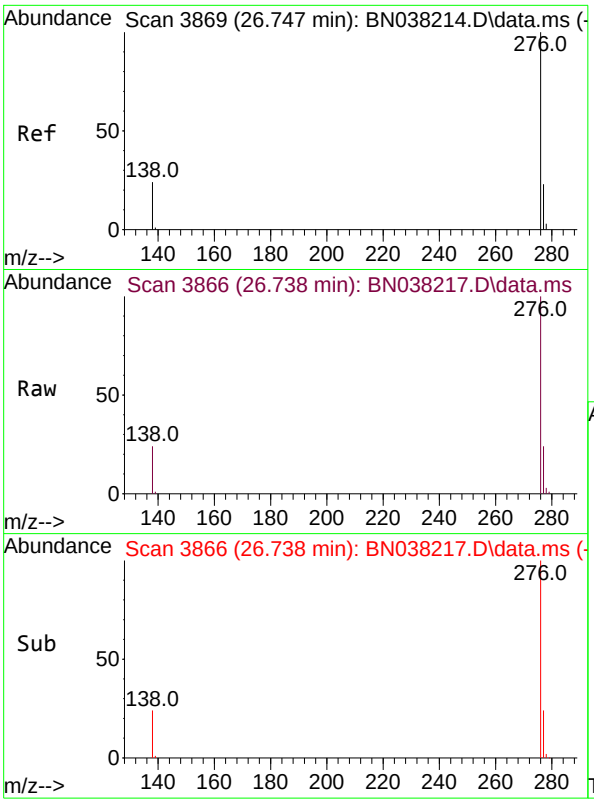


#40
Dibenzo(a,h)anthracene
Concen: 3.518 ng
RT: 26.040 min Scan# 3627
Delta R.T. -0.017 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Tgt Ion:278 Resp: 169926

Ion	Ratio	Lower	Upper
278	100		
139	18.7	17.6	26.4
279	23.5	24.2	36.4#





#41
Benzo(g,h,i)perylene
Concen: 3.242 ng
RT: 26.738 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN038217.D
Acq: 26 Nov 2025 23:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 186060

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.2	30.2
138	24.2	20.8	31.2