Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102825\
Data File : BN038112.D
Acq On : 28 Oct 2025 13:36
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 28 17:31:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 28 17:15:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	9322	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	28183	0.400	ng		0.01
13) Acenaphthene-d10	14.441	164	15941	0.400	ng		0.01
19) Phenanthrene-d10	17.186	188	31512	0.400	ng		0.00
29) Chrysene-d12	21.375	240	23080	0.400	ng		0.00
35) Perylene-d12	23.683	264	20598	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	4536	0.207	ng		0.00
5) Phenol-d6	6.937	99	5284	0.198	ng		0.00
8) Nitrobenzene-d5	8.929	82	4403	0.194	ng		0.00
11) 2-Methylnaphthalene-d10	12.177	152	8012	0.199	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	1201	0.183	ng		0.00
15) 2-Fluorobiphenyl	13.062	172	13145	0.206	ng		0.01
27) Fluoranthene-d10	19.225	212	15247	0.192	ng		0.00
31) Terphenyl-d14	19.824	244	10170	0.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	2078	0.216	ng		95
3) n-Nitrosodimethylamine	3.564	42	2463	0.199	ng	#	98
6) bis(2-Chloroethyl)ether	7.197	93	5312	0.202	ng		99
9) Naphthalene	10.626	128	15455	0.199	ng		98
10) Hexachlorobutadiene	10.925	225	2632	0.201	ng	#	97
12) 2-Methylnaphthalene	12.253	142	10027	0.194	ng		99
16) Acenaphthylene	14.152	152	13787	0.191	ng		99
17) Acenaphthene	14.505	154	9898	0.196	ng		100
18) Fluorene	15.489	166	13019	0.197	ng		100
20) 4,6-Dinitro-2-methylph...	15.560	198	639	0.238	ng	#	40
21) 4-Bromophenyl-phenylether	16.379	248	3948	0.191	ng		98
22) Hexachlorobenzene	16.503	284	4594	0.196	ng		99
23) Atrazine	16.652	200	2774	0.183	ng		98
24) Pentachlorophenol	16.838	266	1769	0.175	ng		98
25) Phenanthrene	17.223	178	19374	0.194	ng		100
26) Anthracene	17.322	178	16201	0.185	ng		99
28) Fluoranthene	19.253	202	21232	0.190	ng		99
30) Pyrene	19.615	202	21387	0.205	ng		100
32) Benzo(a)anthracene	21.358	228	15917	0.193	ng		99
33) Chrysene	21.411	228	18301	0.205	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	10496	0.242	ng		100
36) Indeno(1,2,3-cd)pyrene	26.039	276	15575	0.184	ng		99
37) Benzo(b)fluoranthene	22.984	252	15888	0.180	ng	#	90
38) Benzo(k)fluoranthene	23.031	252	16371	0.185	ng	#	91
39) Benzo(a)pyrene	23.584	252	13137	0.186	ng	#	84
40) Dibenzo(a,h)anthracene	26.057	278	11845	0.182	ng		95
41) Benzo(g,h,i)perylene	26.753	276	14055	0.189	ng		95

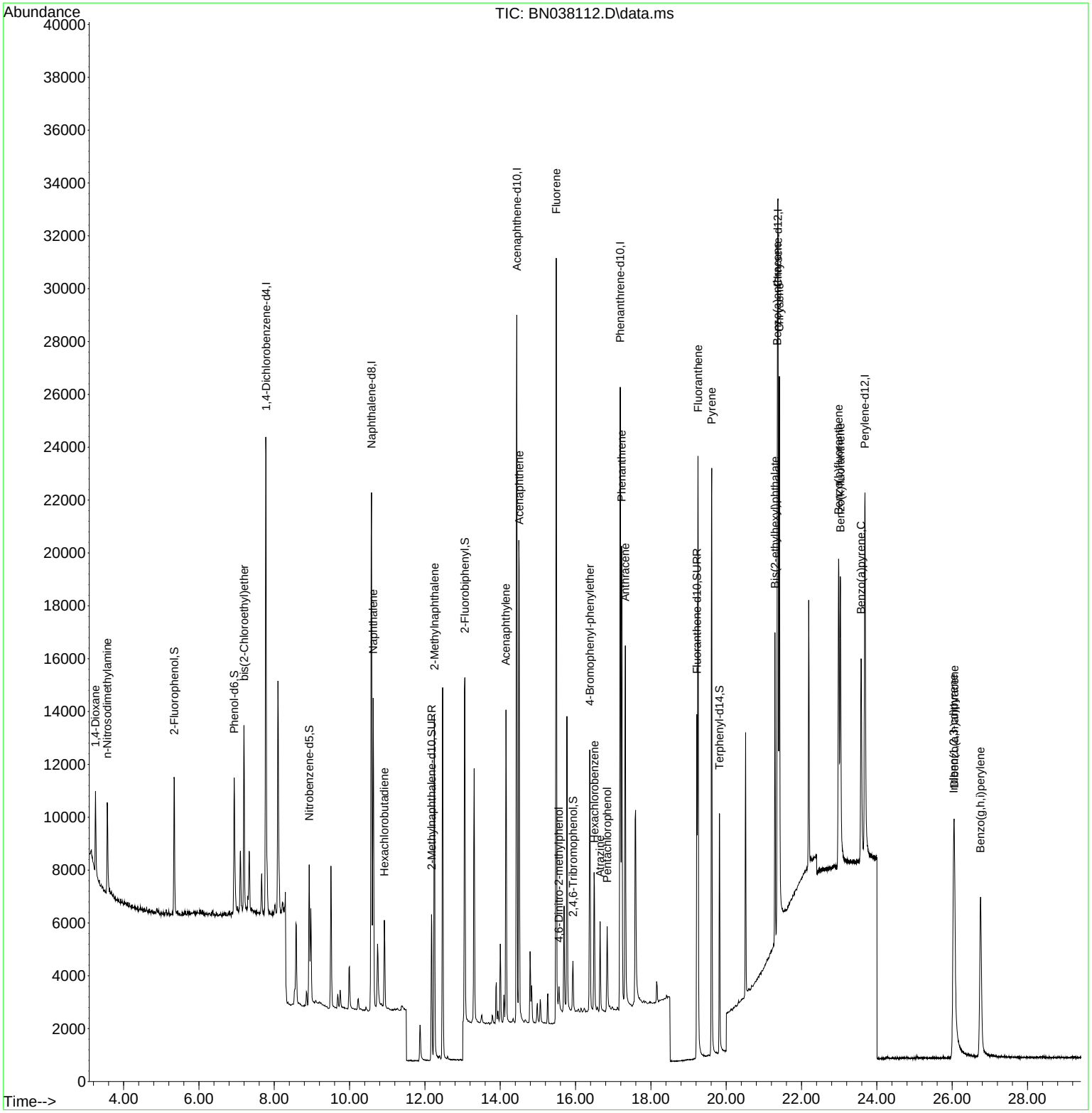
(#) = qualifier out of range (m) = manual integration (+) = signals summed

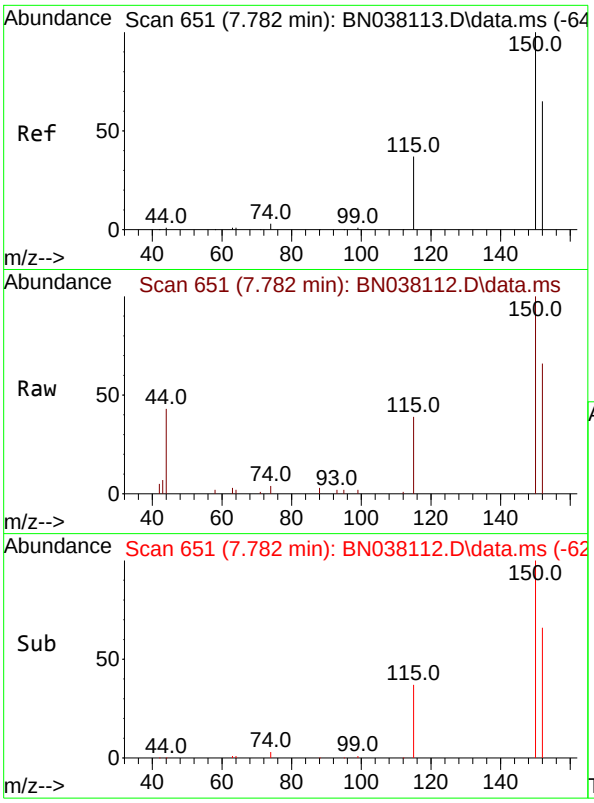
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102825\
Data File : BN038112.D
Acq On : 28 Oct 2025 13:36
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 28 17:31:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 28 17:15:13 2025
Response via : Initial Calibration



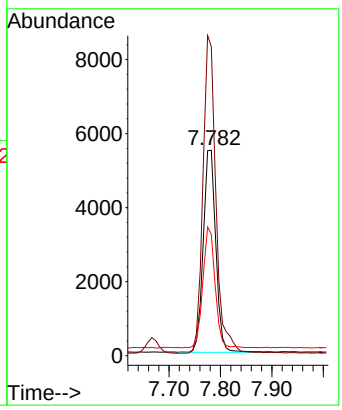


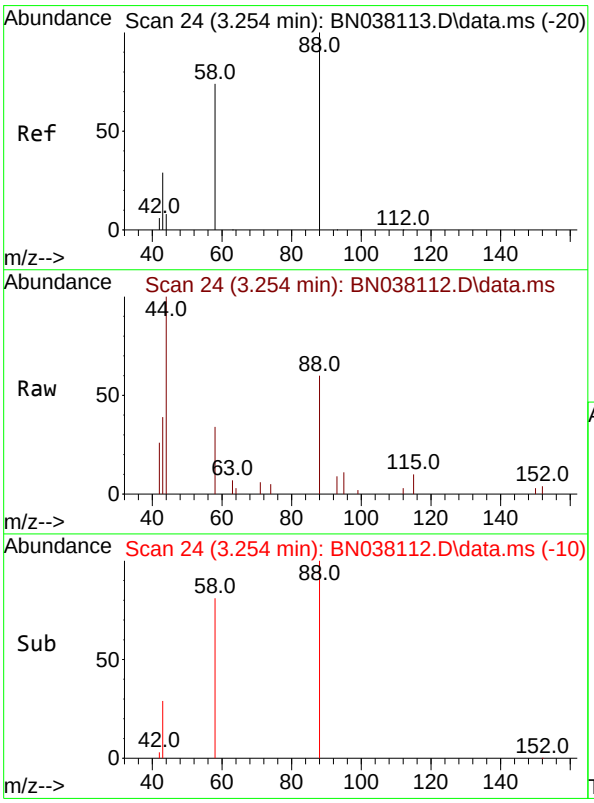
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 9322

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.3	183.5
115	59.1	47.4	71.0

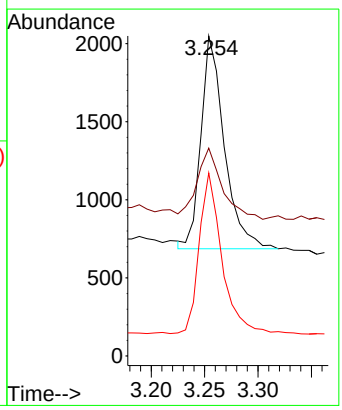


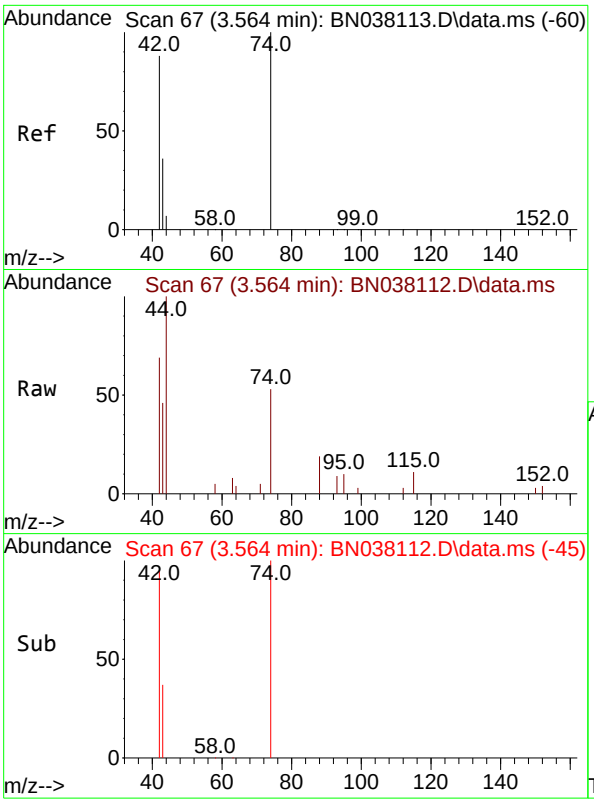


#2
1,4-Dioxane
Concen: 0.216 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion: 88 Resp: 2078

Ion	Ratio	Lower	Upper
88	100		
43	36.3	24.3	36.5
58	73.3	60.4	90.6



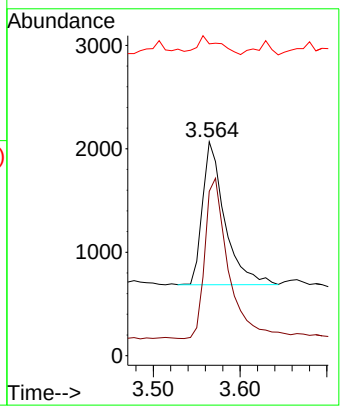


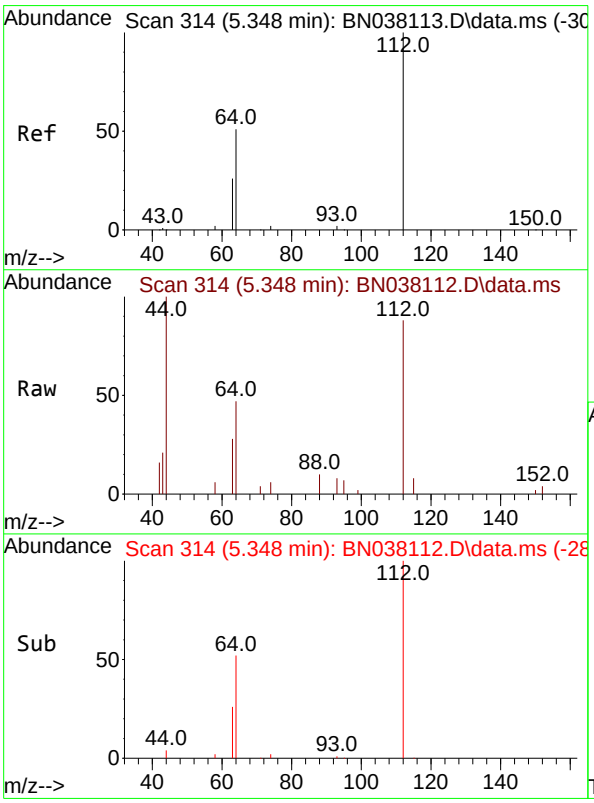
#3
n-Nitrosodimethylamine
Concen: 0.199 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 2463

Ion	Ratio	Lower	Upper
42	100		
74	121.8	96.8	145.2
44	12.3	5.3	7.9#

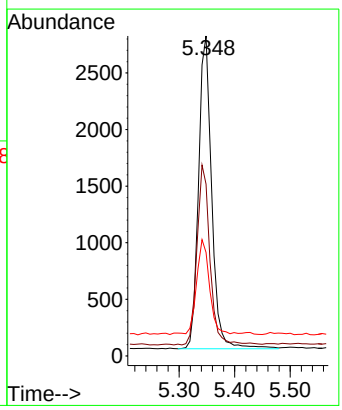


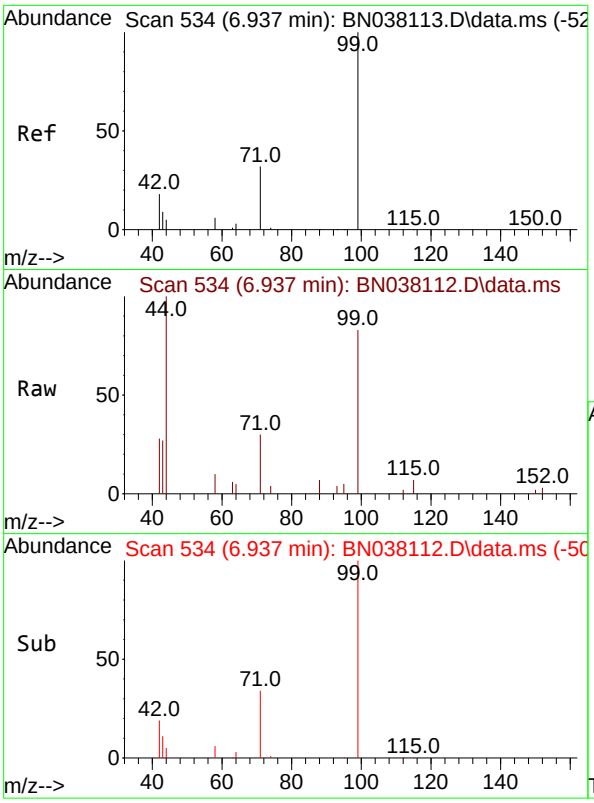


#4
2-Fluorophenol
Concen: 0.207 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:112 Resp: 4536

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.0
63	30.2	23.2	34.8



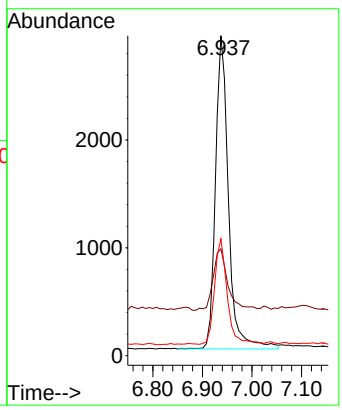


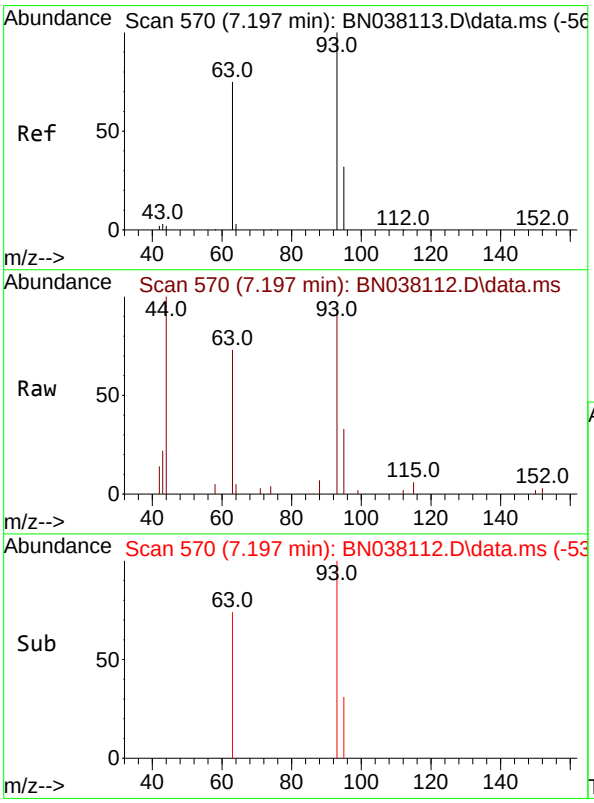
#5
Phenol-d6
Concen: 0.198 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 5284

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.6	24.8
71	32.7	25.4	38.2

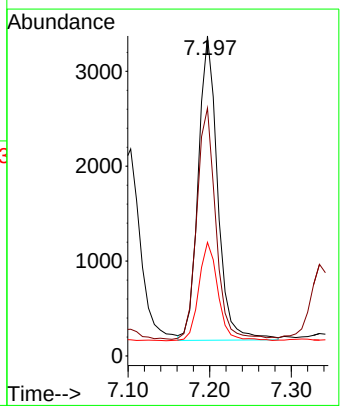


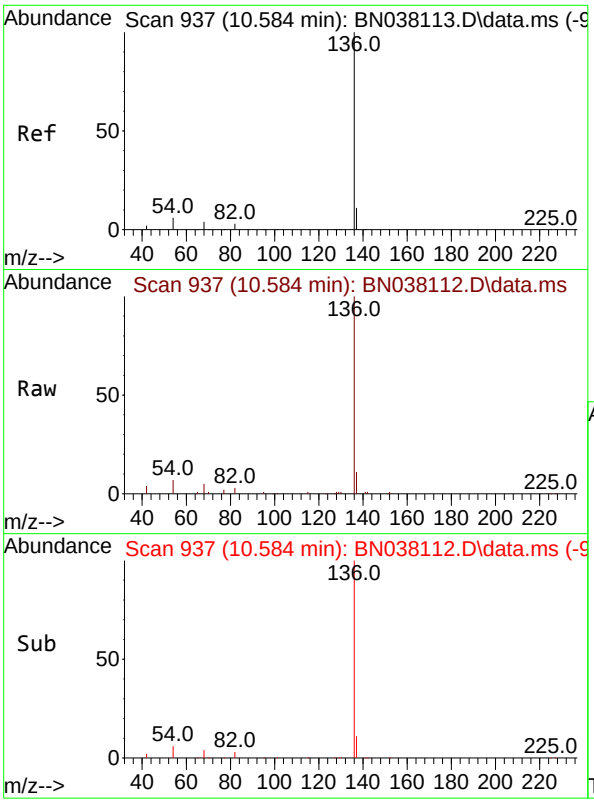


#6
bis(2-Chloroethyl)ether
Concen: 0.202 ng
RT: 7.197 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion: 93 Resp: 5312

Ion	Ratio	Lower	Upper
93	100		
63	74.3	59.3	88.9
95	32.2	25.2	37.8



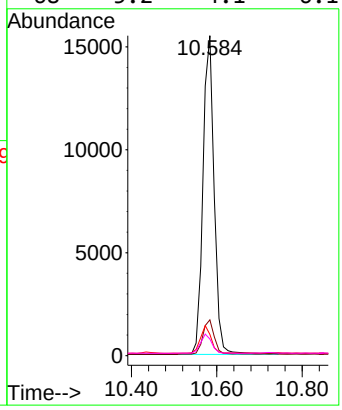


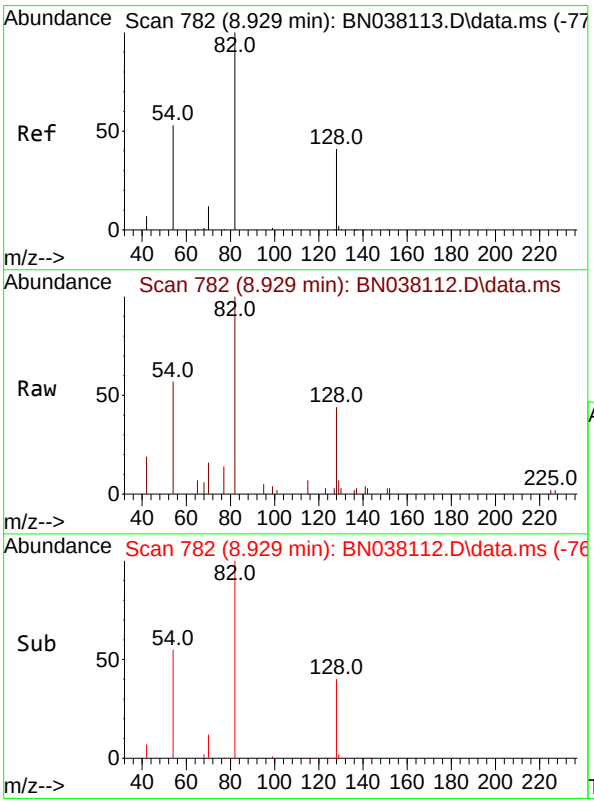
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 28183

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.6	5.2	7.8
68	5.2	4.1	6.1

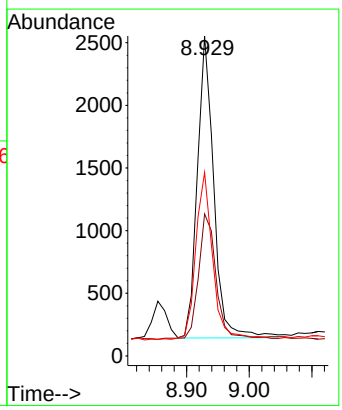


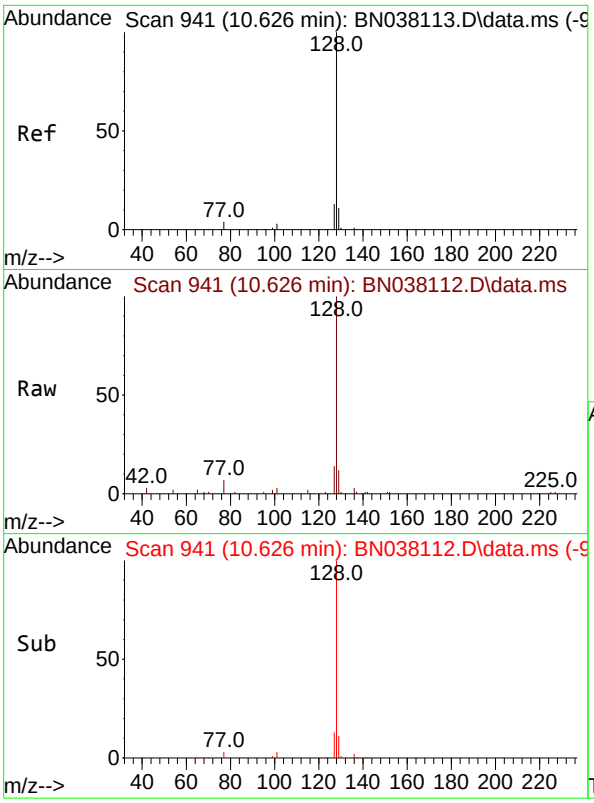


#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion: 82 Resp: 4403

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.1	51.1
54	57.3	43.5	65.3



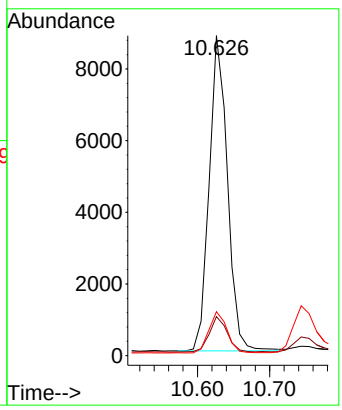


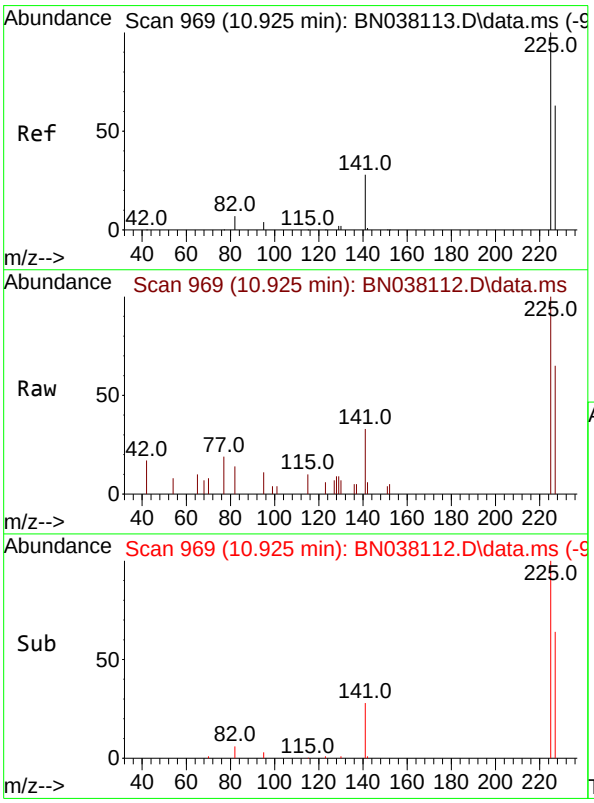
#9
Naphthalene
Concen: 0.199 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 15455

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	13.8	10.5	15.7

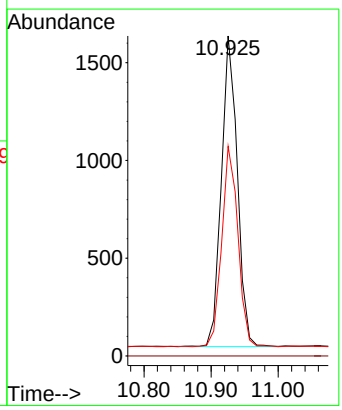


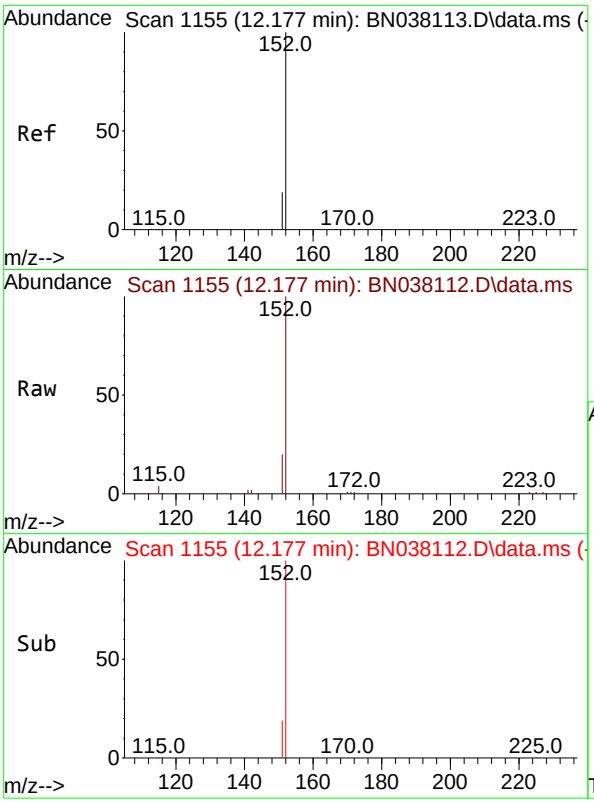


#10
Hexachlorobutadiene
Concen: 0.201 ng
RT: 10.925 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:225 Resp: 2632

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	50.3	75.5



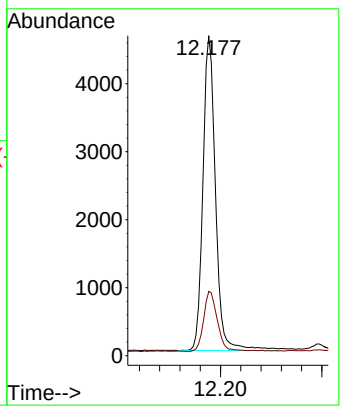


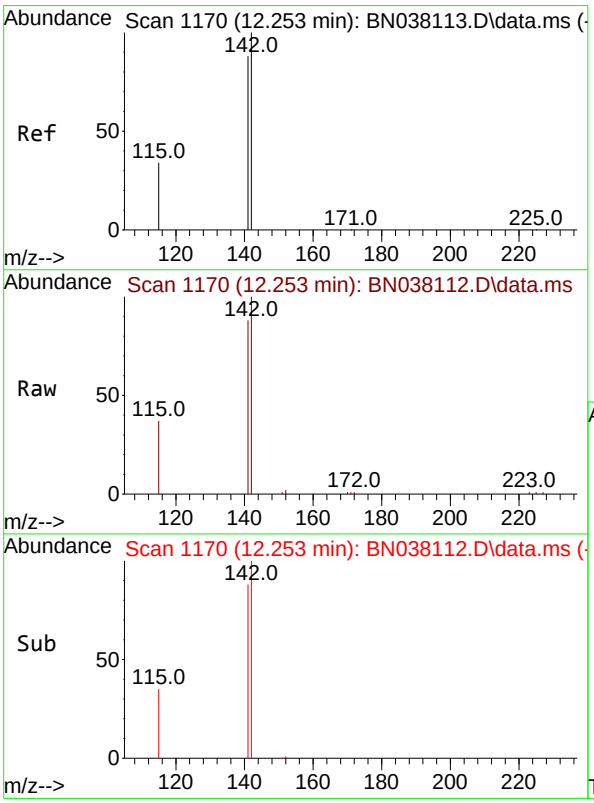
#11
2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 12.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 8012

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2

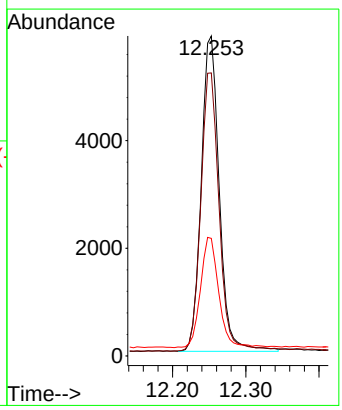


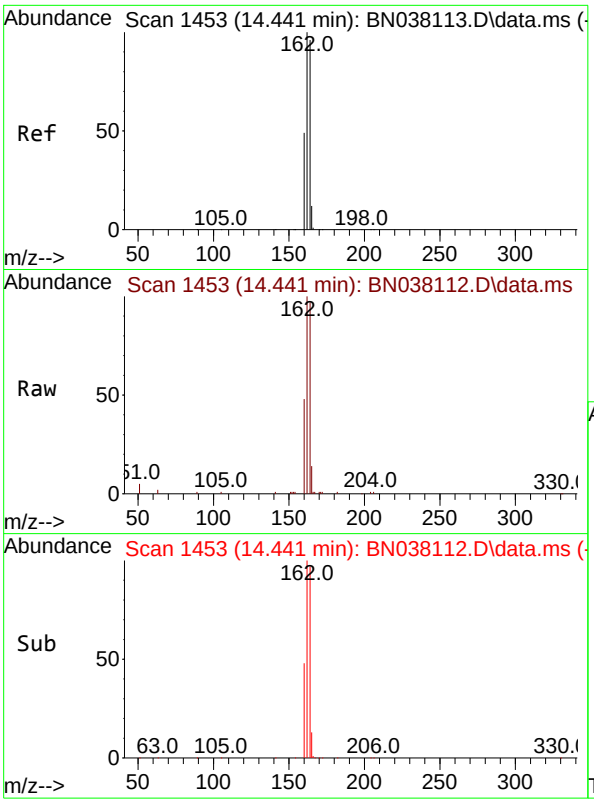


#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.253 min Scan# 1170
Delta R.T. 0.005 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:142 Resp: 10027

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	36.8	27.8	41.6



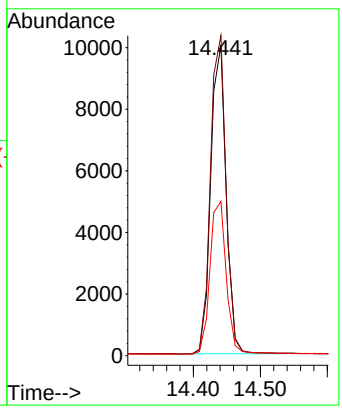


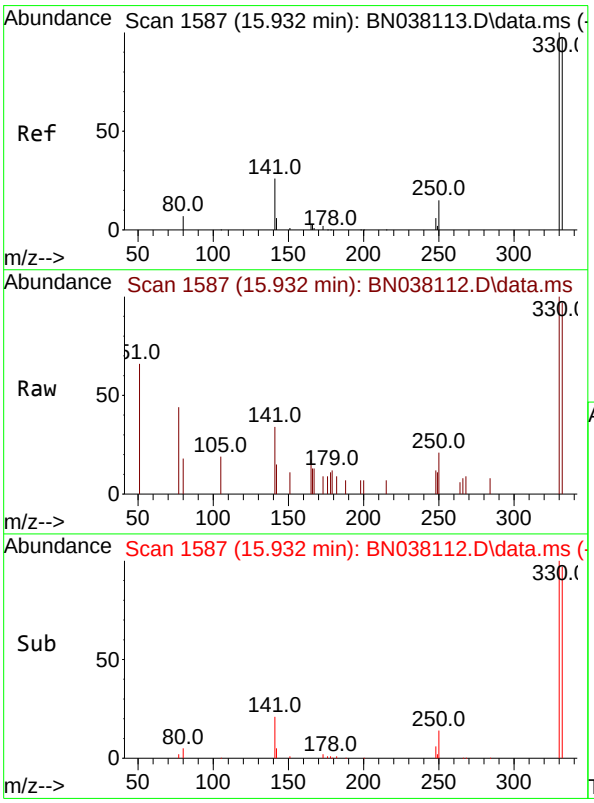
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 15941

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.4
160	49.6	40.7	61.1

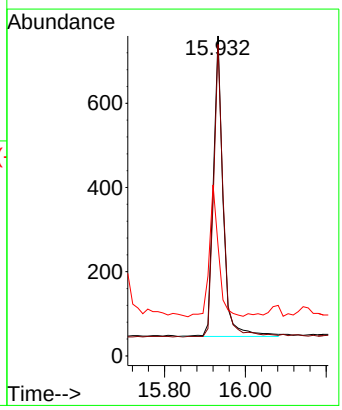


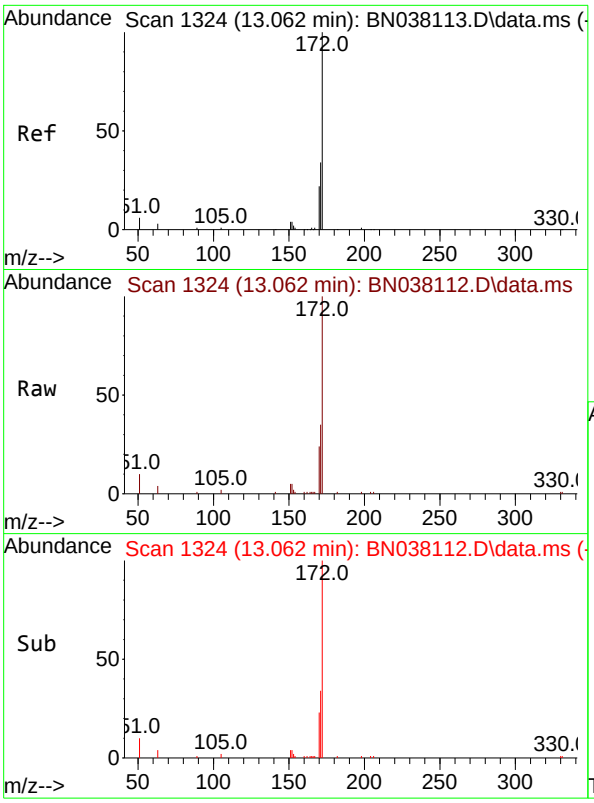


#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:330 Resp: 1201

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	41.5	34.1	51.1



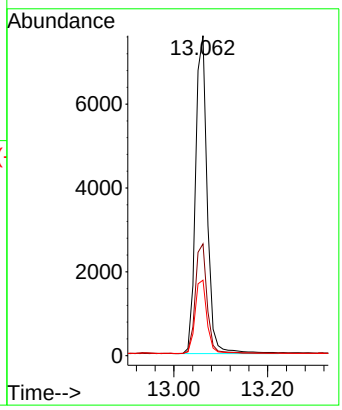


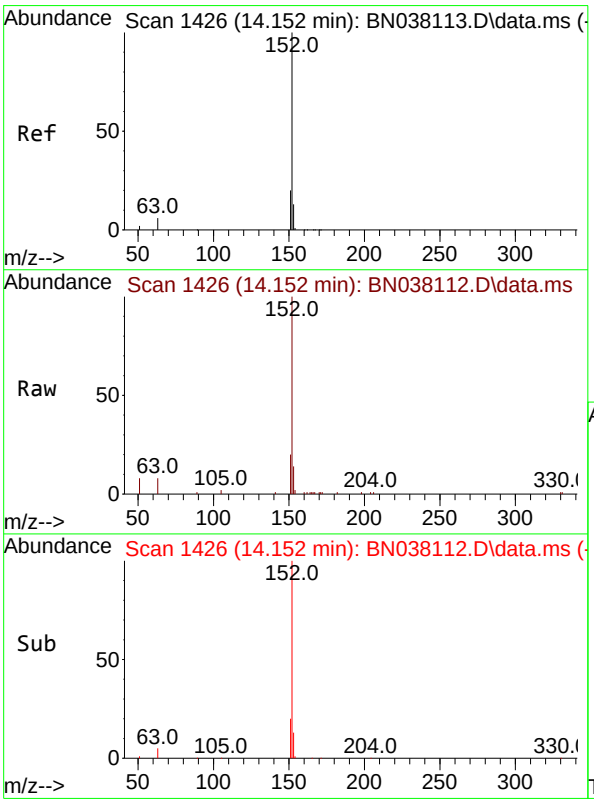
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 13.062 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 13145

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.6	18.1	27.1

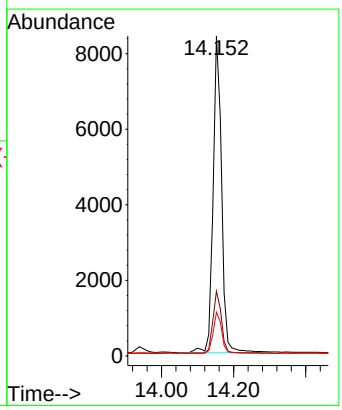


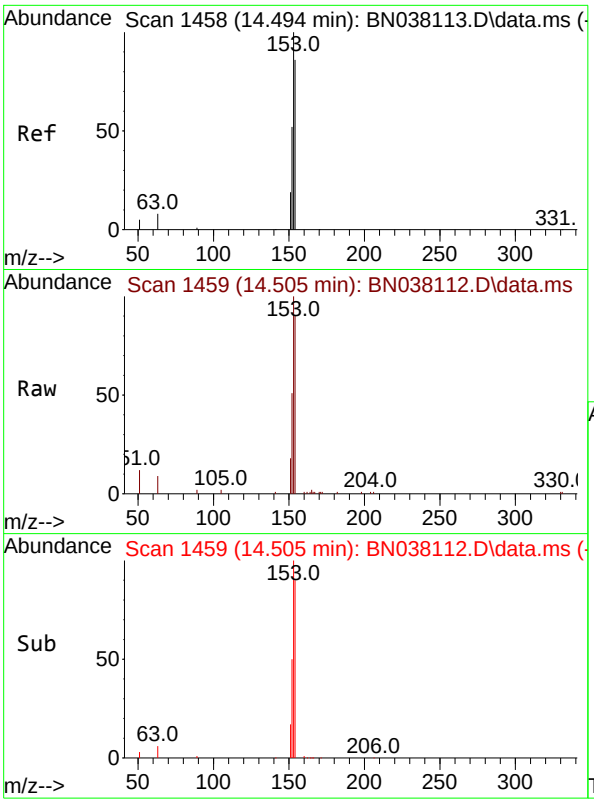


#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.152 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:152 Resp: 13787

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.0	10.2	15.2



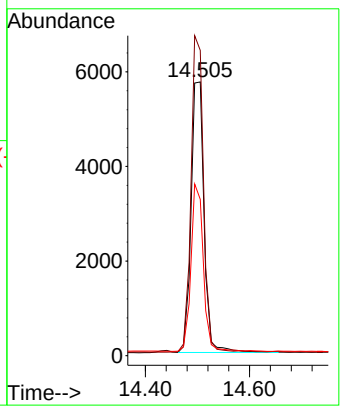


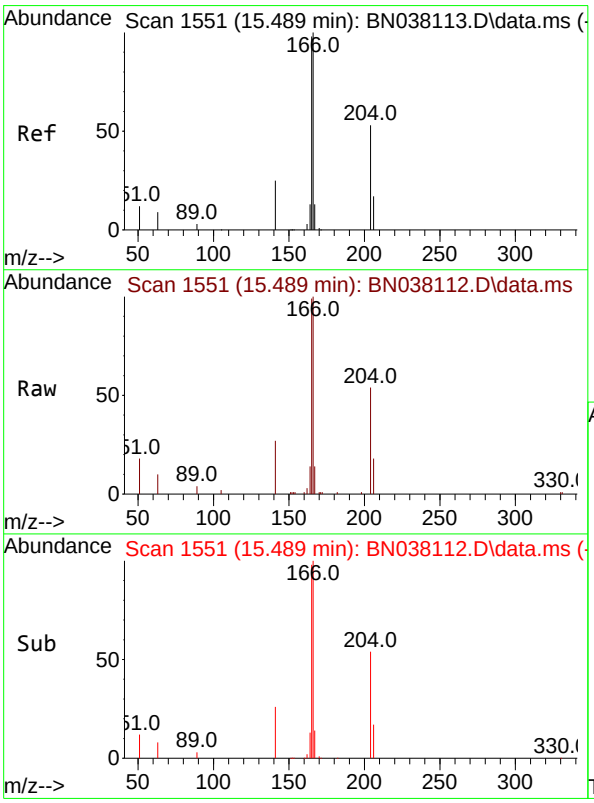
#17
Acenaphthene
Concen: 0.196 ng
RT: 14.505 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 9898

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.0	135.0
152	58.9	47.3	70.9

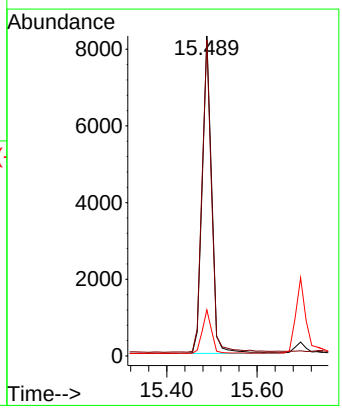


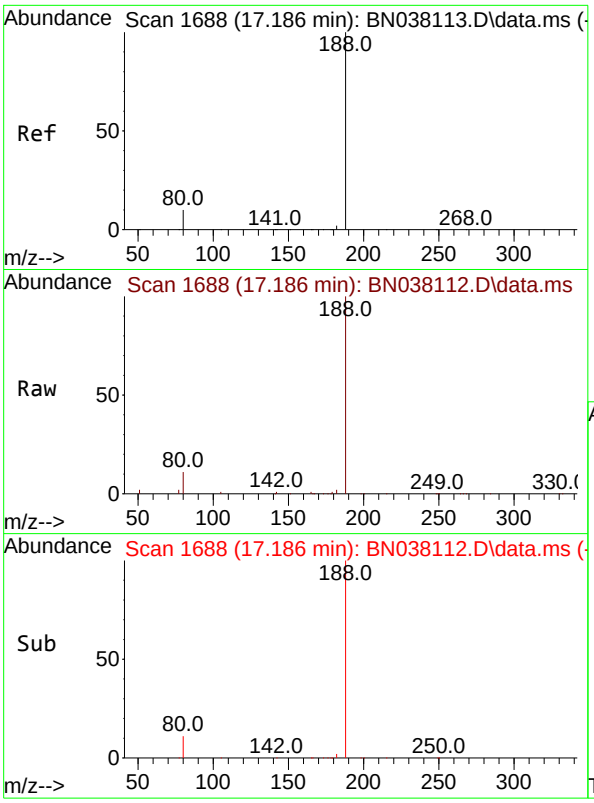


#18
Fluorene
Concen: 0.197 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:166 Resp: 13019

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.4	10.7	16.1



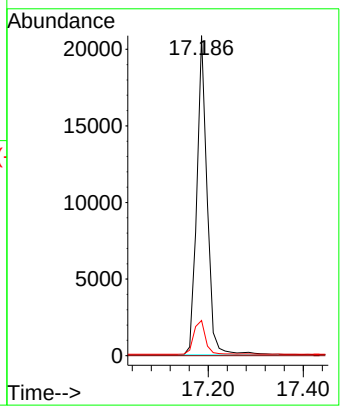


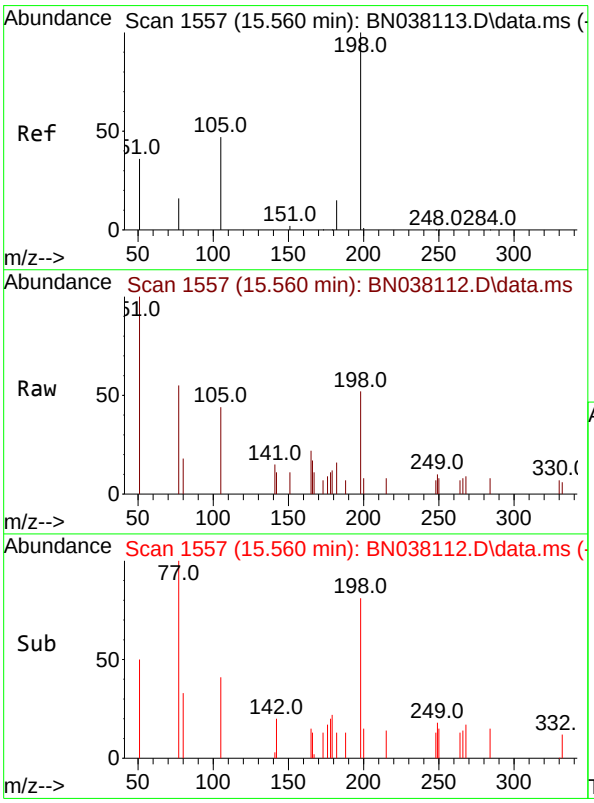
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 31512

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.6	13.0

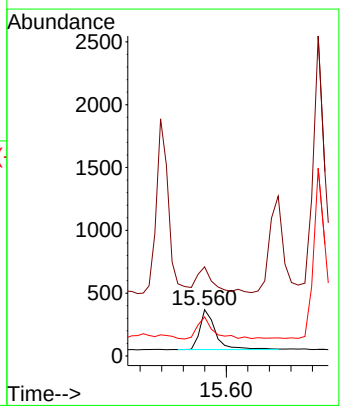


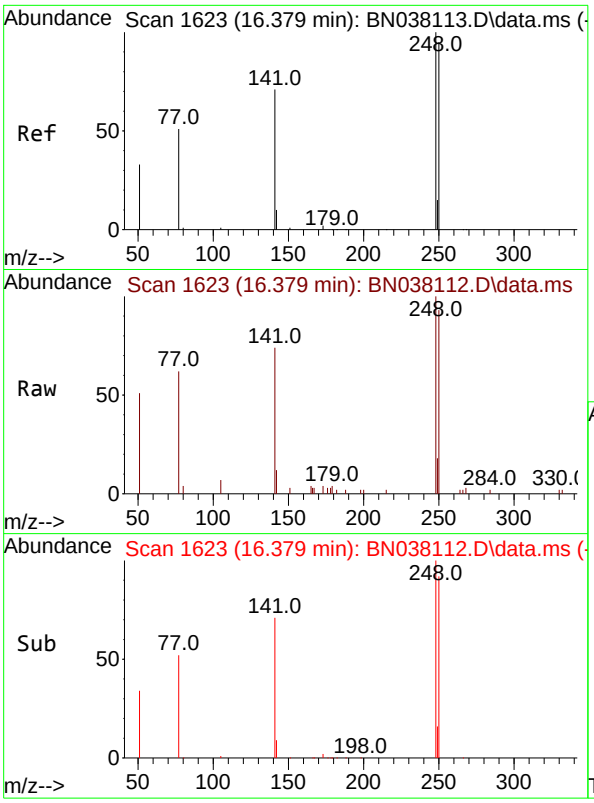


#20
4,6-Dinitro-2-methylphenol
Concen: 0.238 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:198 Resp: 639

Ion	Ratio	Lower	Upper
198	100		
51	192.9	88.9	133.3#
105	84.5	49.2	73.8#



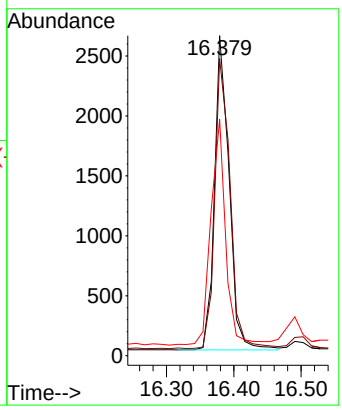


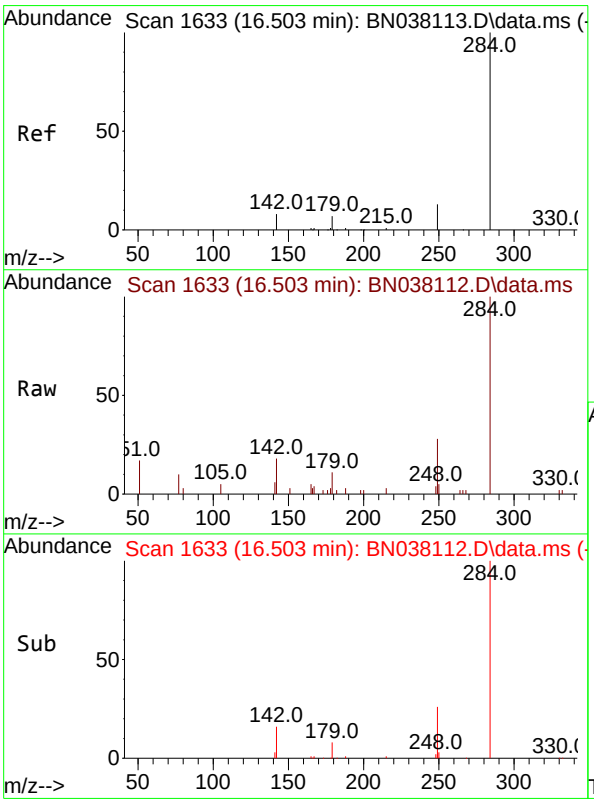
#21
4-Bromophenyl-phenylether
Concen: 0.191 ng
RT: 16.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 3948

Ion	Ratio	Lower	Upper
248	100		
250	92.8	76.2	114.2
141	73.9	57.6	86.4

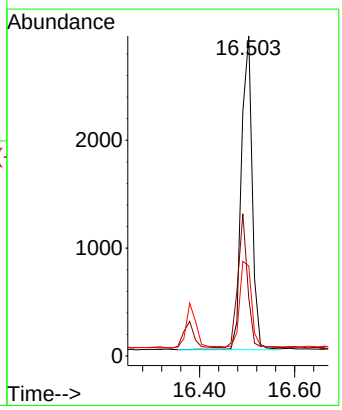


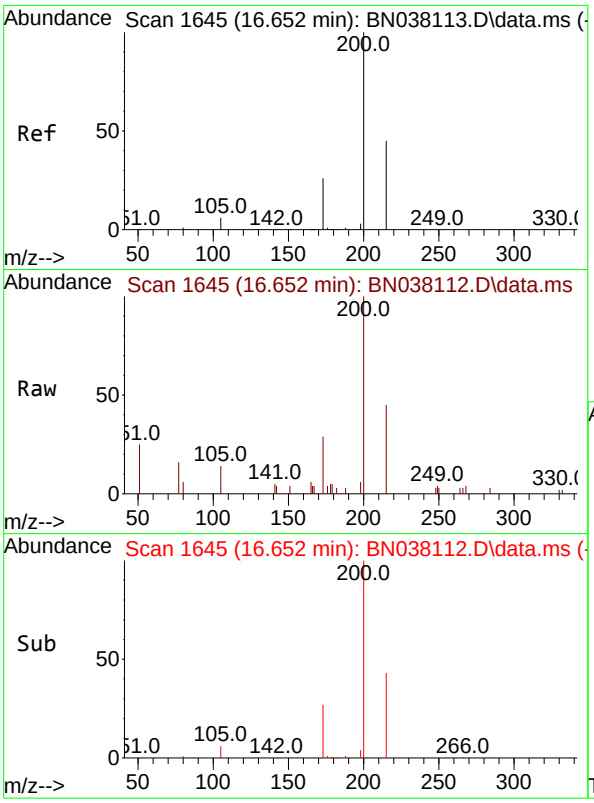


#22
Hexachlorobenzene
Concen: 0.196 ng
RT: 16.503 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:284 Resp: 4594

Ion	Ratio	Lower	Upper
284	100		
142	38.0	30.5	45.7
249	30.1	23.5	35.3



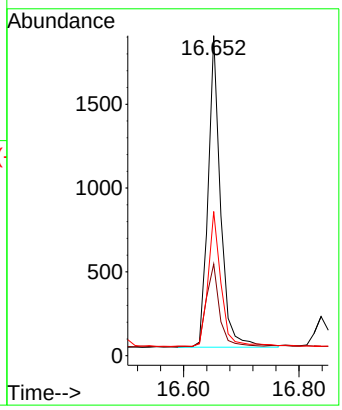


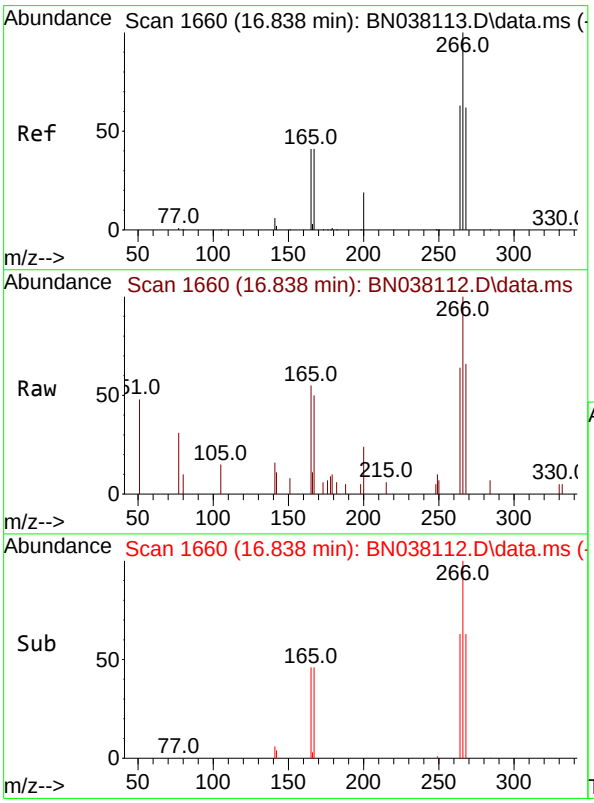
#23
Atrazine
Concen: 0.183 ng
RT: 16.652 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 2774

Ion	Ratio	Lower	Upper
200	100		
173	28.7	21.4	32.2
215	45.0	36.7	55.1

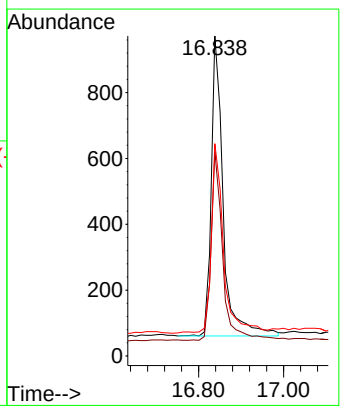


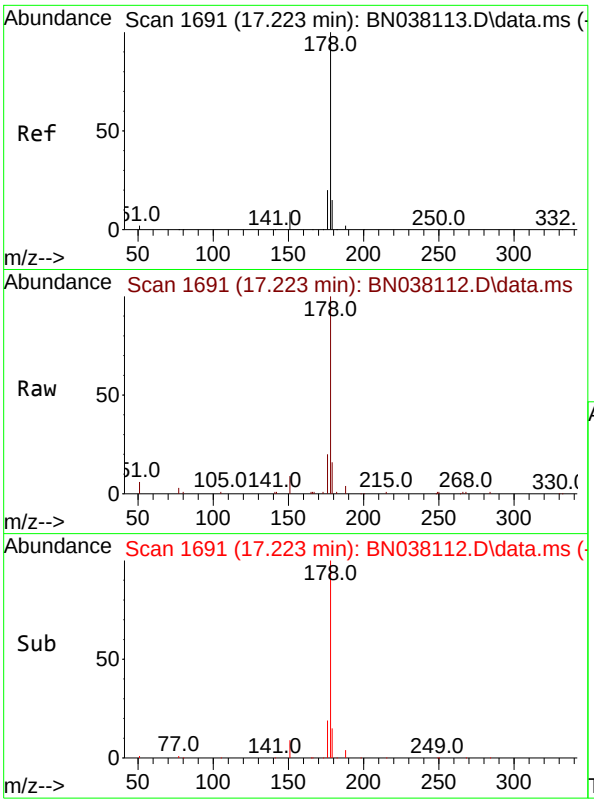


#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:266 Resp: 1769

Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.3	73.9
268	65.9	50.6	75.8



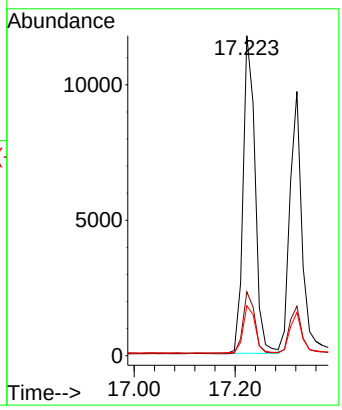


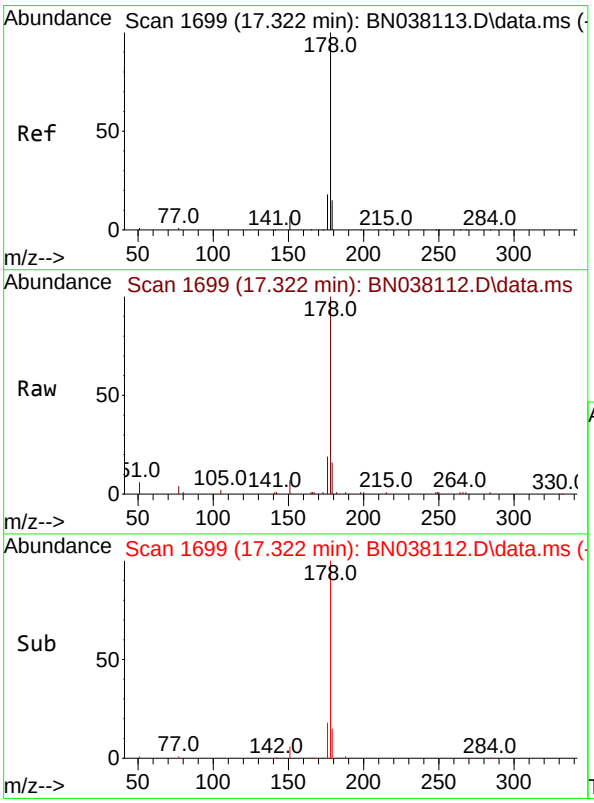
#25
Phenanthrene
Concen: 0.194 ng
RT: 17.223 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 19374

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.2	18.4

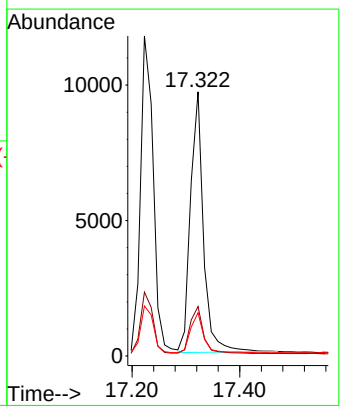


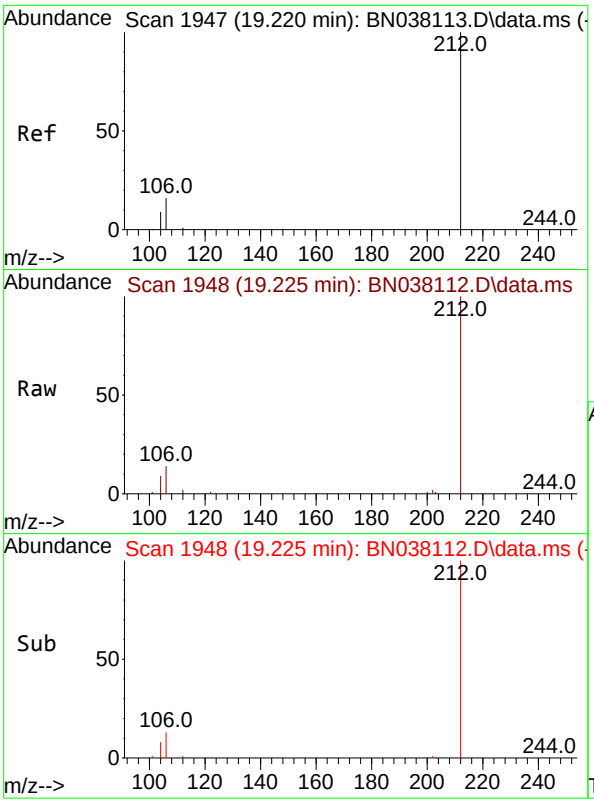


#26
Anthracene
Concen: 0.185 ng
RT: 17.322 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:178 Resp: 16201

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	11.8	17.8



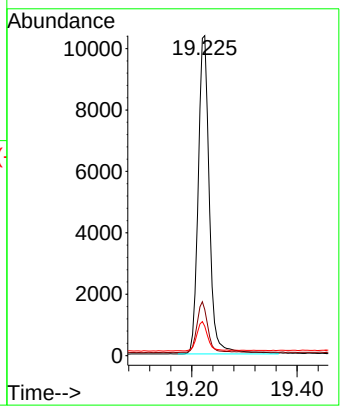


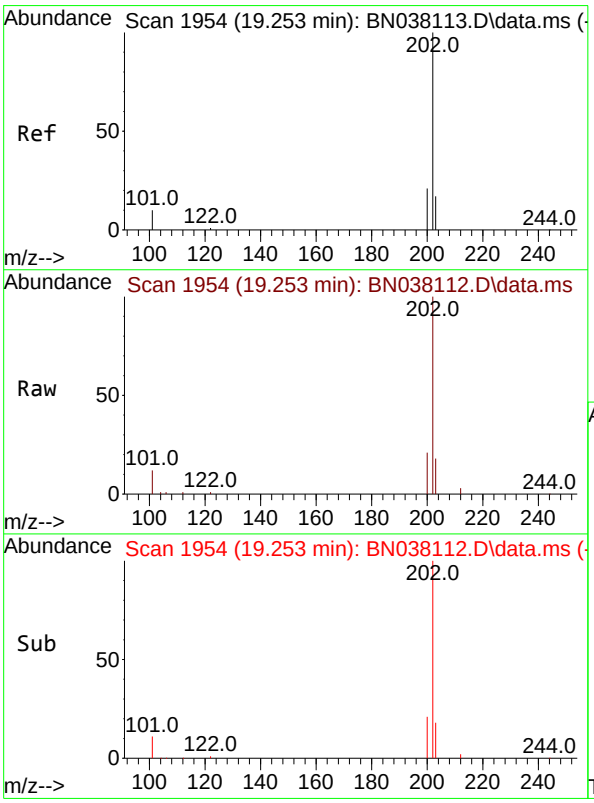
#27
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.225 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 15247

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	9.0	7.1	10.7

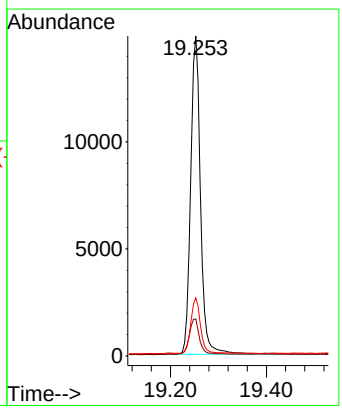


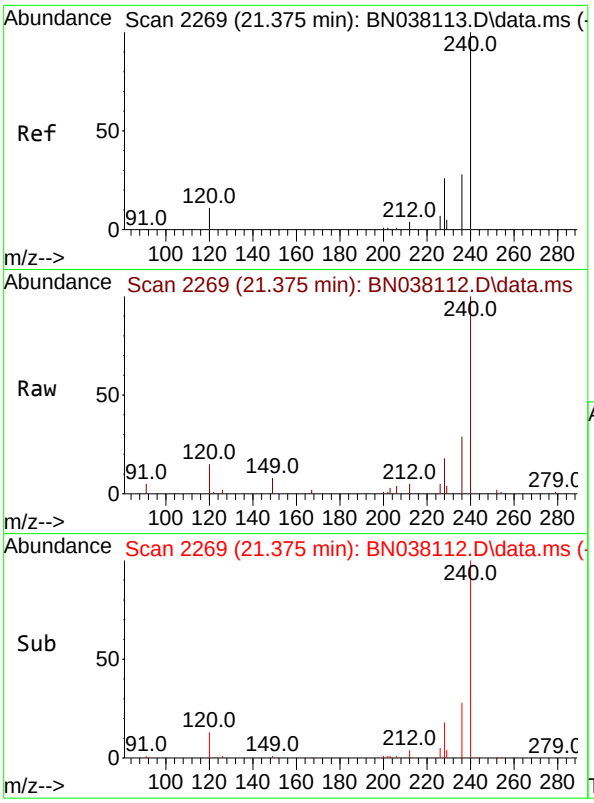


#28
Fluoranthene
Concen: 0.190 ng
RT: 19.253 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:202 Resp: 21232

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
203	17.2	13.4	20.2



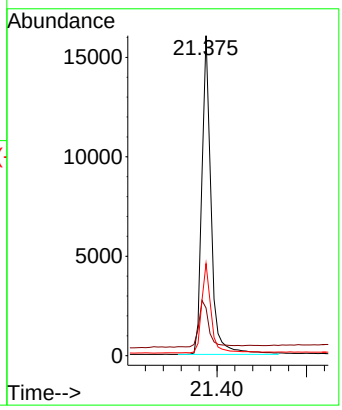


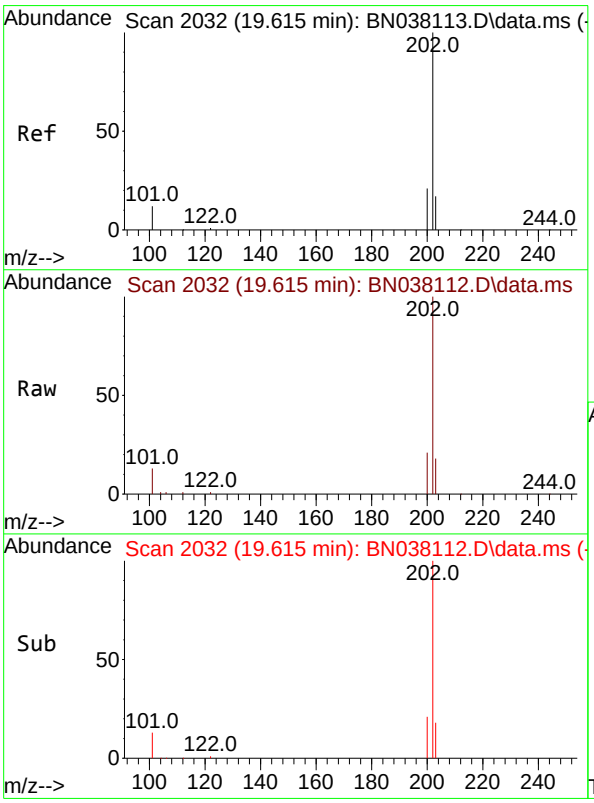
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 23080

Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.7	16.1
236	28.8	23.1	34.7

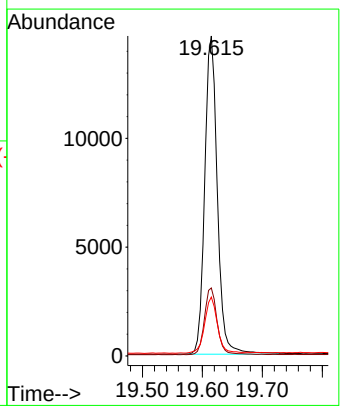


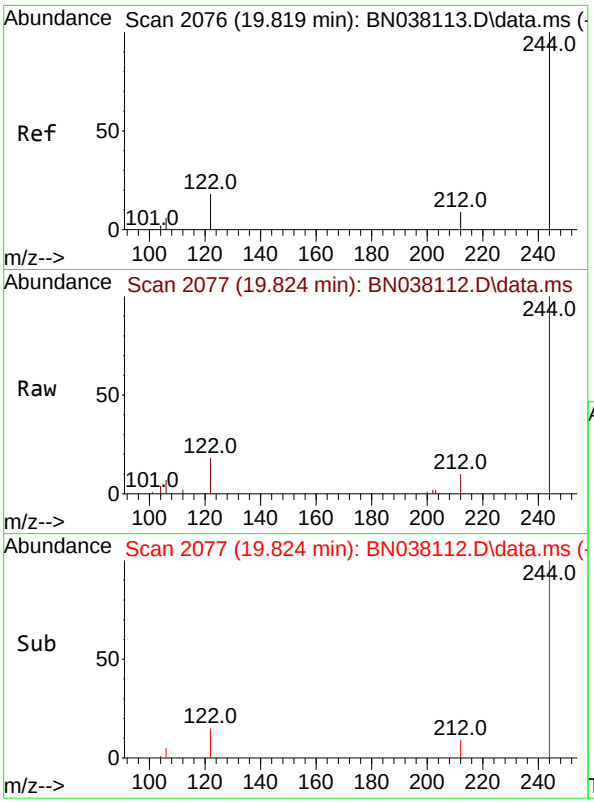


#30
Pyrene
Concen: 0.205 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:202 Resp: 21387

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



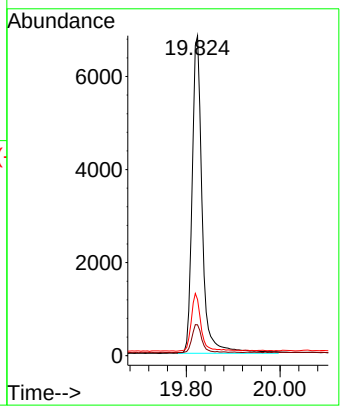


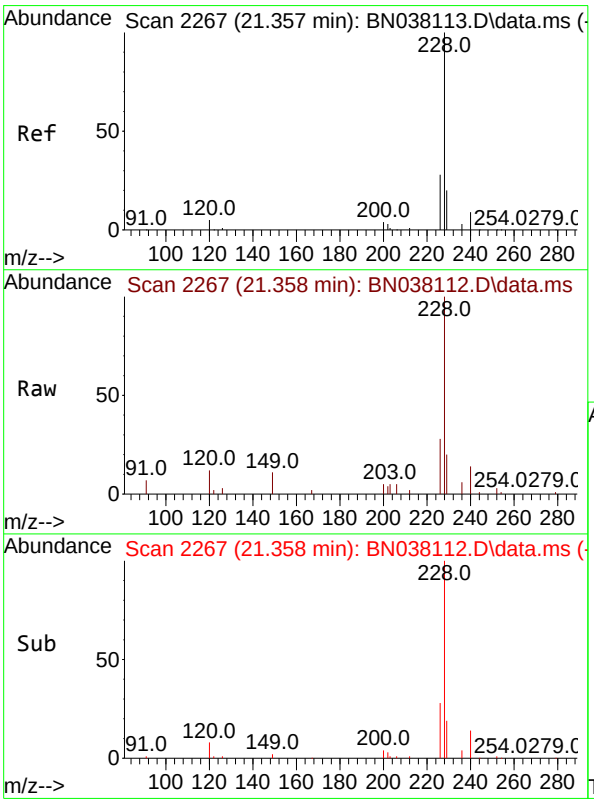
#31
Terphenyl-d14
Concen: 0.203 ng
RT: 19.824 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 10170

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	17.6	15.2	22.8

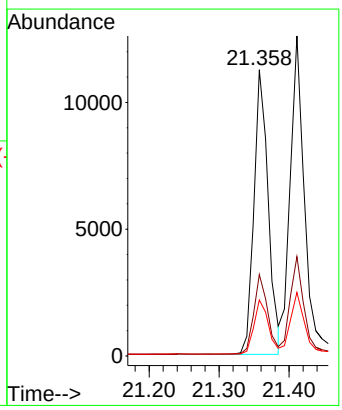


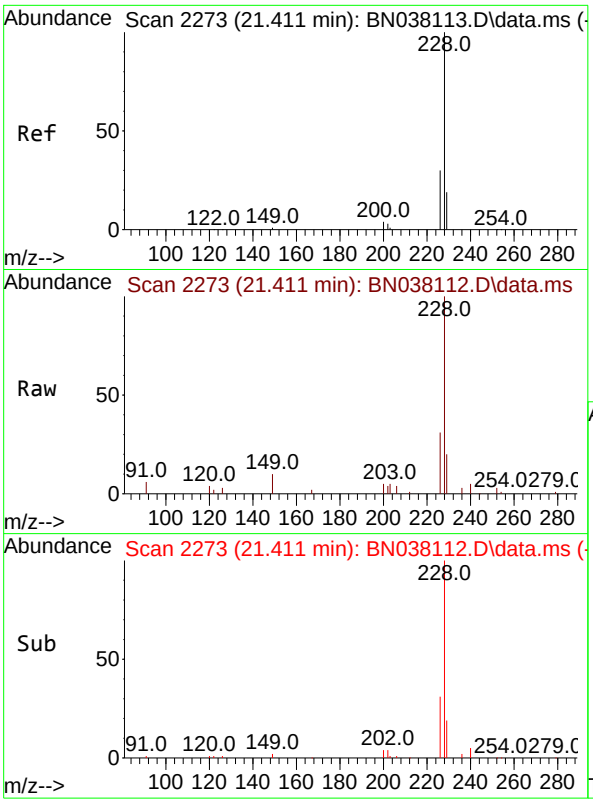


#32
Benzo(a)anthracene
Concen: 0.193 ng
RT: 21.358 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:228 Resp: 15917

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	19.5	15.8	23.8



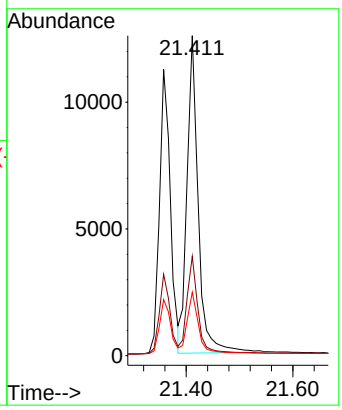


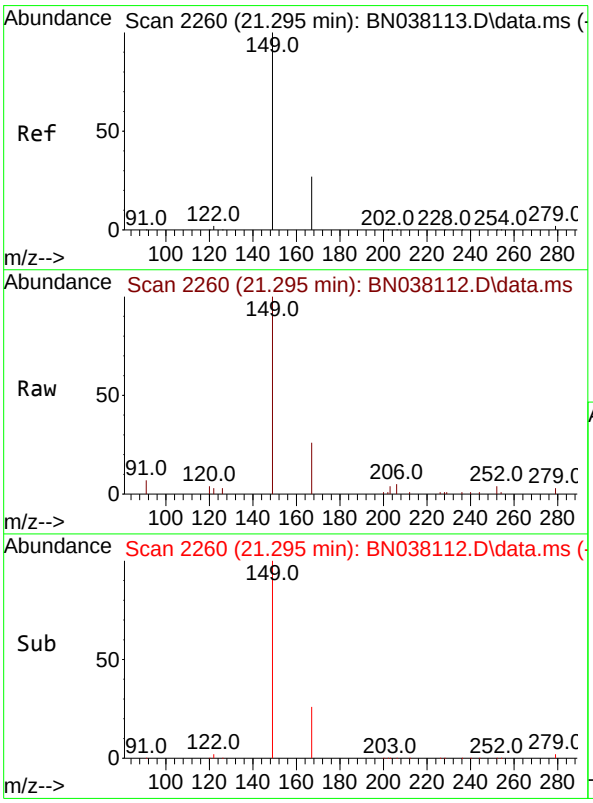
#33
Chrysene
Concen: 0.205 ng
RT: 21.411 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 18301

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	19.9	15.7	23.5

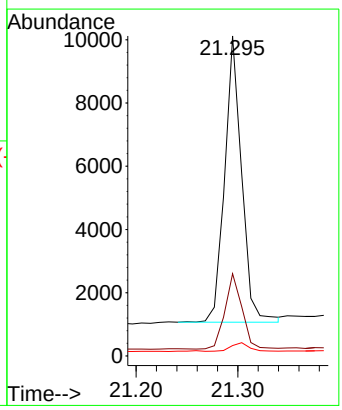


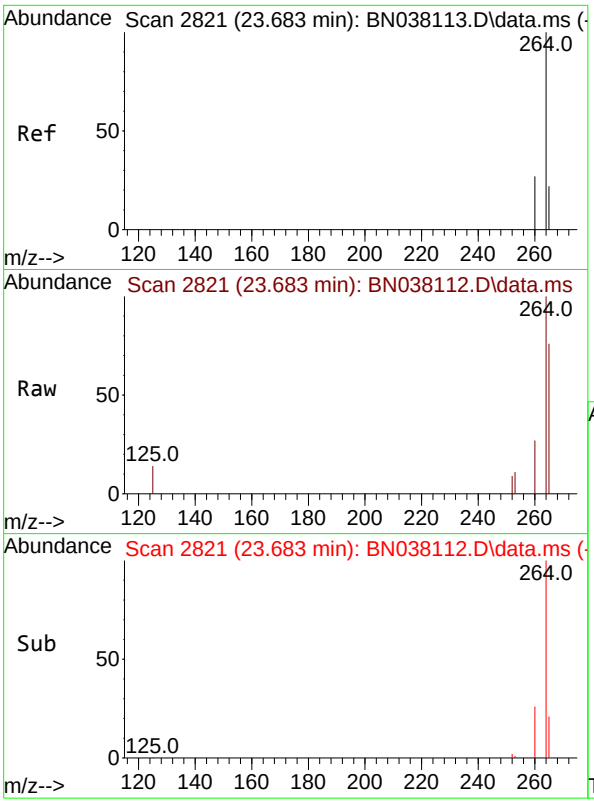


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.242 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:149 Resp: 10496

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.1	31.7
279	3.1	2.9	4.3



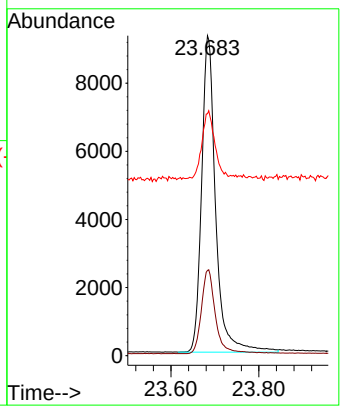


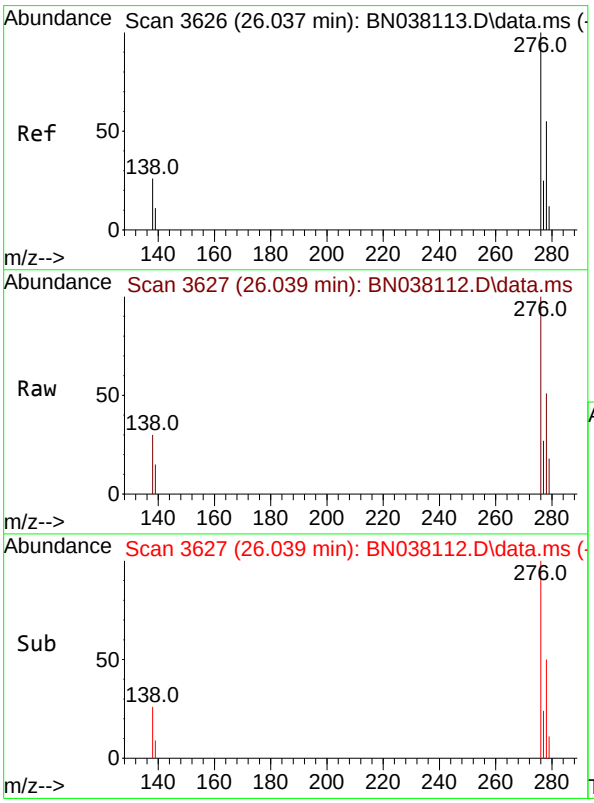
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 20598

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	75.6	68.6	102.8

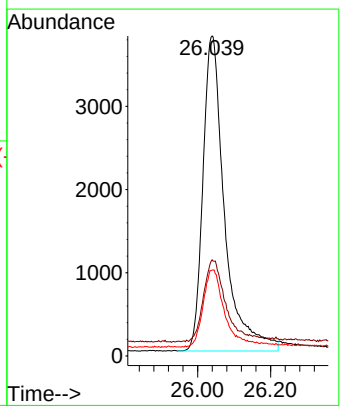


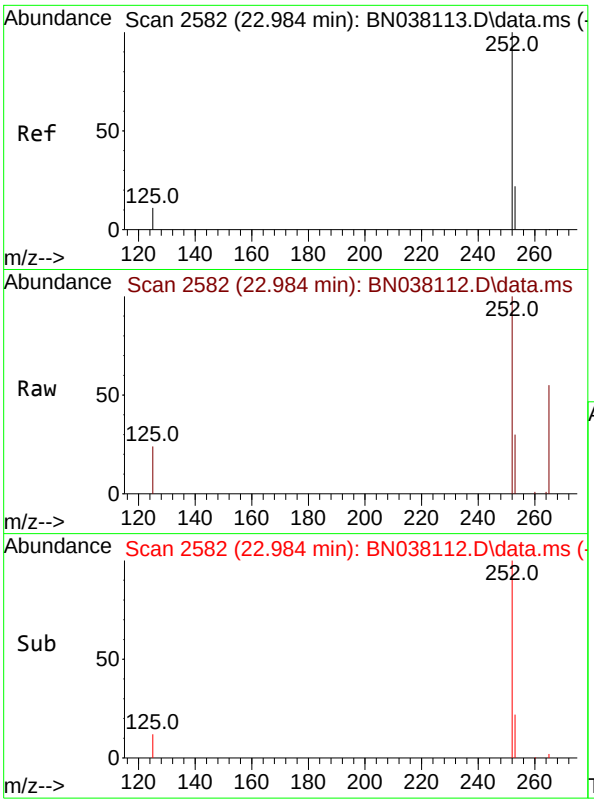


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng
RT: 26.039 min Scan# 3627
Delta R.T. 0.006 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:276 Resp: 15575

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.4	32.0
277	24.2	19.2	28.8



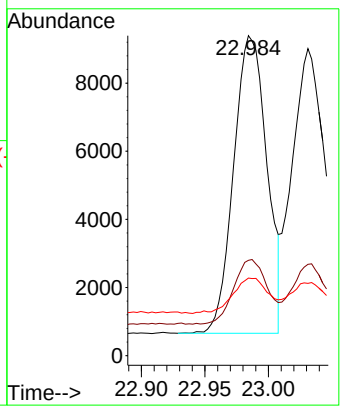


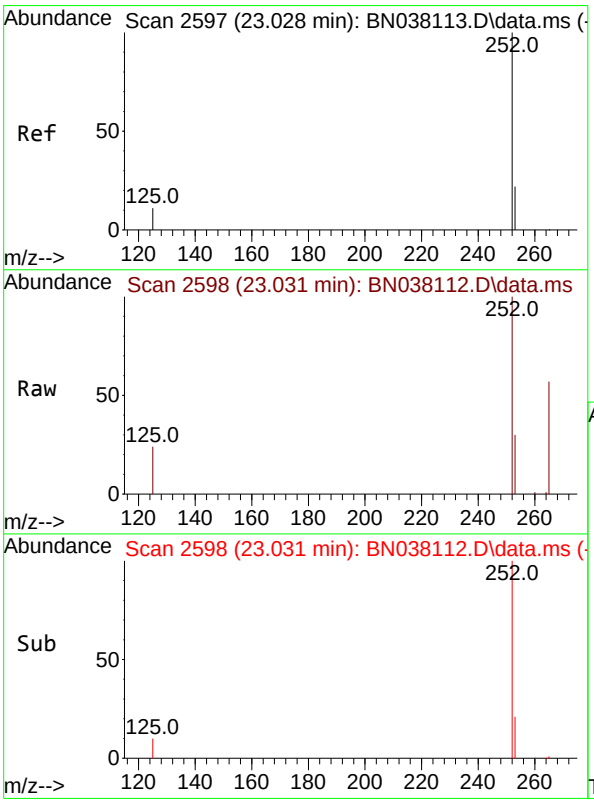
#37
Benzo(b)fluoranthene
Concen: 0.180 ng
RT: 22.984 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 15888

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.9	31.3
125	24.3	14.1	21.1#

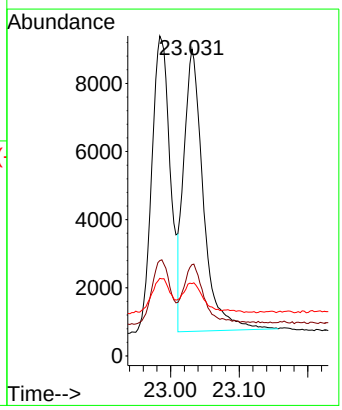


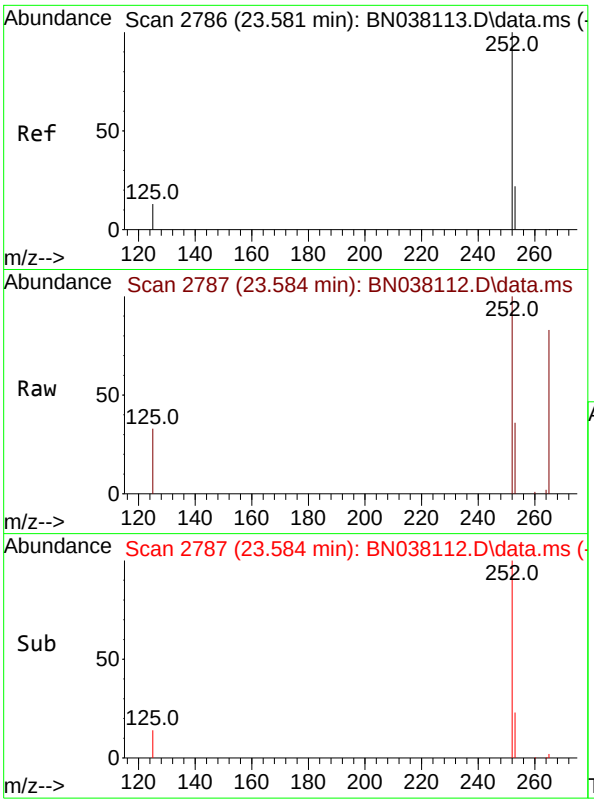


#38
Benzo(k)fluoranthene
Concen: 0.185 ng
RT: 23.031 min Scan# 2598
Delta R.T. 0.003 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:252 Resp: 16371

Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.2	31.8
125	23.6	14.6	22.0#



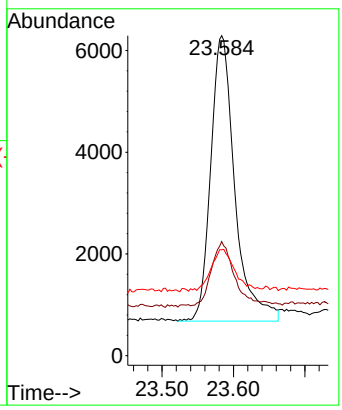


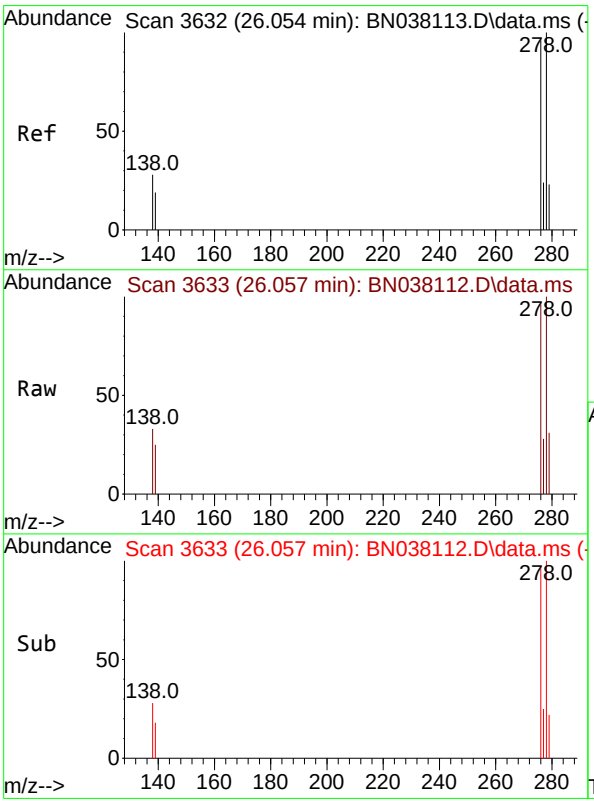
#39
Benzo(a)pyrene
Concen: 0.186 ng
RT: 23.584 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 13137

Ion	Ratio	Lower	Upper
252	100		
253	35.6	23.1	34.7#
125	33.1	18.6	28.0#

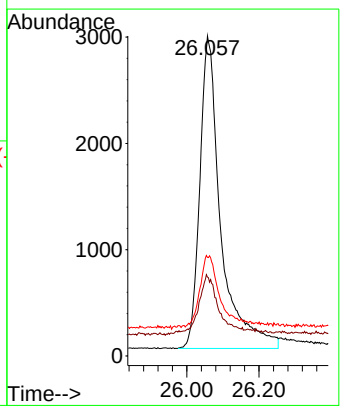


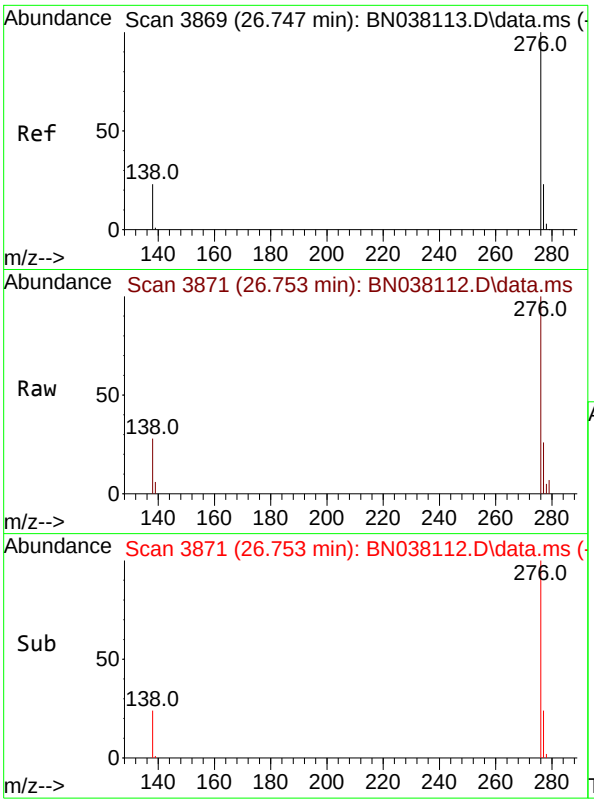


#40
Dibenzo(a,h)anthracene
Concen: 0.182 ng
RT: 26.057 min Scan# 3633
Delta R.T. 0.009 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Tgt Ion:278 Resp: 11845

Ion	Ratio	Lower	Upper
278	100		
139	24.7	17.6	26.4
279	30.8	22.6	33.8





#41
Benzo(g,h,i)perylene
Concen: 0.189 ng
RT: 26.753 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN038112.D
Acq: 28 Oct 2025 13:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 14055

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.7	29.5
138	28.5	20.2	30.4