Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038367.D
Acq On : 13 Dec 2025 01:50
Operator : RC/JU
Sample : Q3839-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN1

Quant Time: Dec 13 03:01:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6042	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	15922	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	7793	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13164	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9486	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	10480	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	5719	0.380	ng	0.00
5) Phenol-d6	6.887	99	6490	0.363	ng	0.00
8) Nitrobenzene-d5	8.875	82	5378	0.400	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	7441	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	1033	0.299	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	15328	0.408	ng	0.00
27) Fluoranthene-d10	19.178	212	10052	0.309	ng	0.00
31) Terphenyl-d14	19.782	244	7331	0.346	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	266	0.038	ng	# 53
3) n-Nitrosodimethylamine	3.442	42	764	0.088	ng	# 1
9) Naphthalene	10.573	128	6830	0.145	ng	96
12) 2-Methylnaphthalene	12.192	142	4609	0.154	ng	98
18) Fluorene	15.446	166	1055	0.031	ng	# 95
25) Phenanthrene	17.186	178	8006	0.175	ng	99
26) Anthracene	17.186	178	8021	0.203	ng	98
28) Fluoranthene	19.211	202	11505	0.236	ng	98
30) Pyrene	19.573	202	7017	0.150	ng	98
32) Benzo(a)anthracene	21.322	228	3385	0.092	ng	# 88
33) Chrysene	21.366	228	5408	0.134	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.259	149	3886	0.193	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.937	276	1288	0.023	ng	# 80
37) Benzo(b)fluoranthene	22.932	252	7611	0.158	ng	# 61
38) Benzo(k)fluoranthene	22.932	252	7611	0.159	ng	# 61
41) Benzo(g,h,i)perylene	26.653	276	1403	0.029	ng	# 65

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038367.D
Acq On : 13 Dec 2025 01:50
Operator : RC/JU
Sample : Q3839-05
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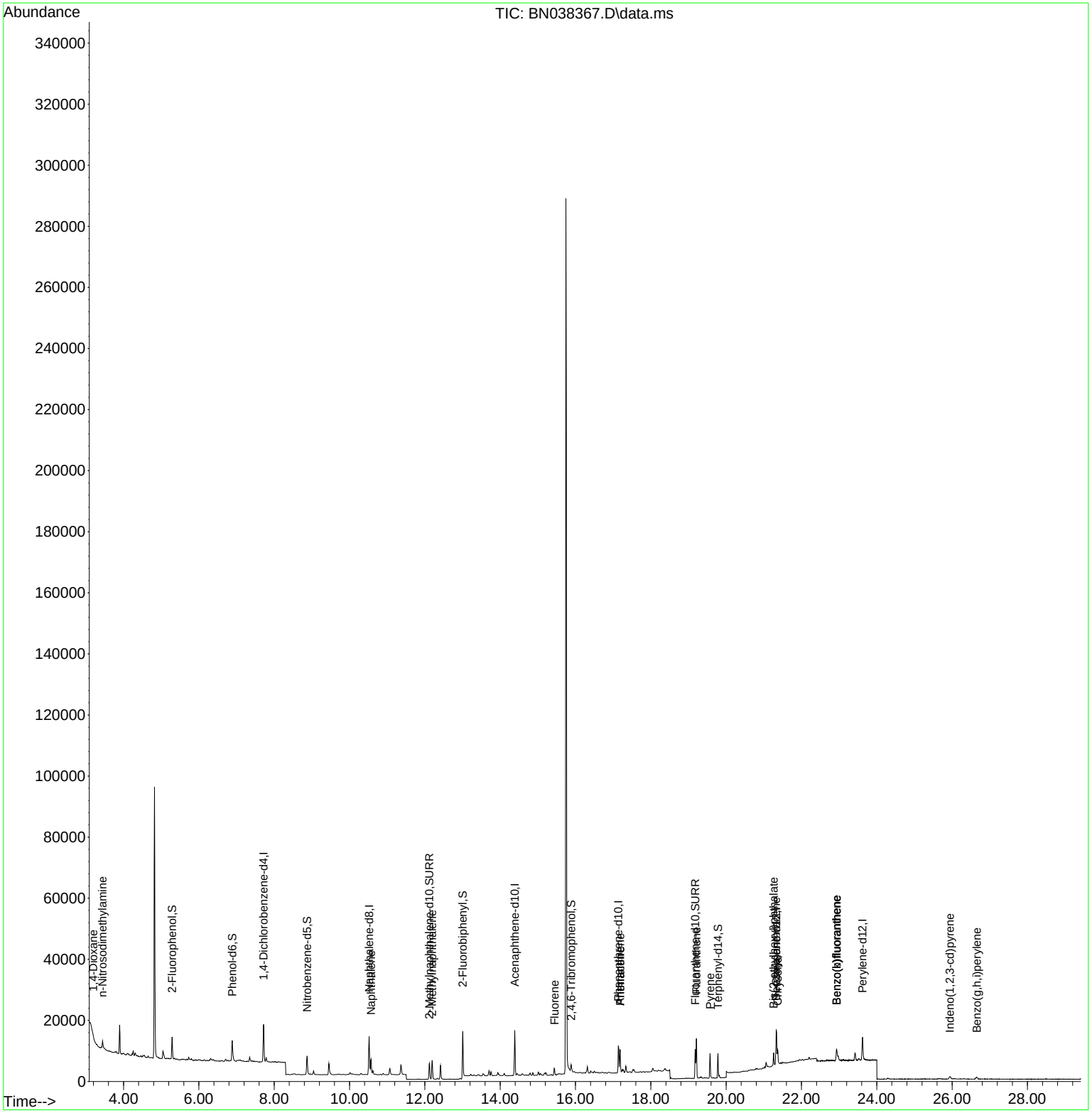
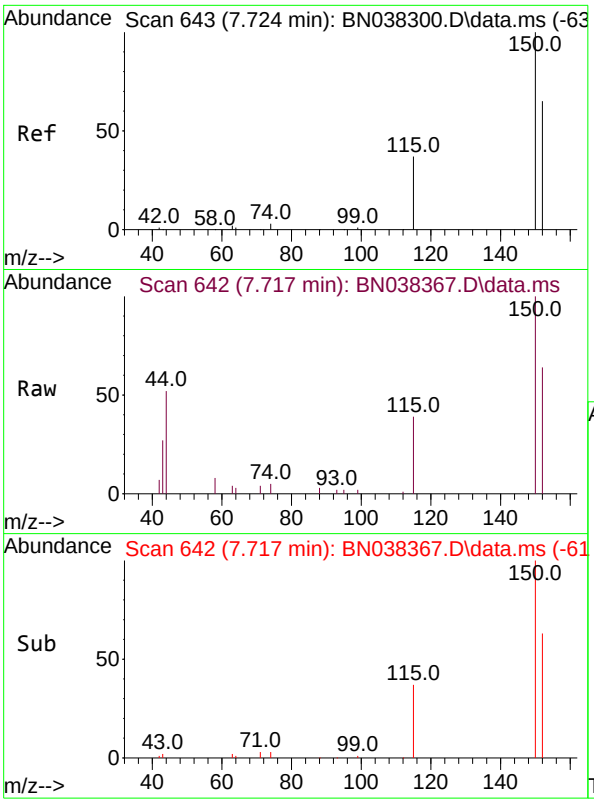
Quant Time: Dec 13 03:01:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



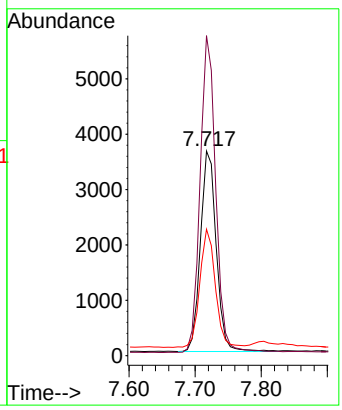


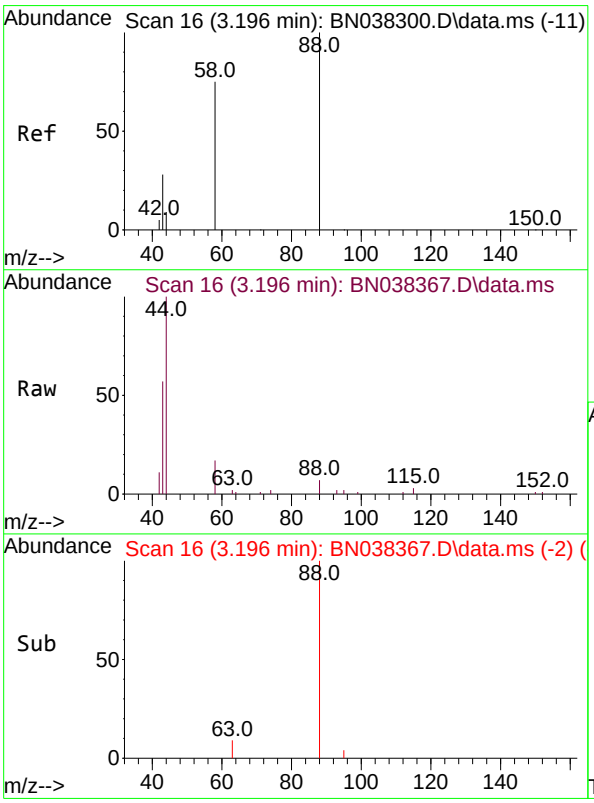
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:152 Resp: 6042

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.4	183.6
115	61.7	47.3	70.9

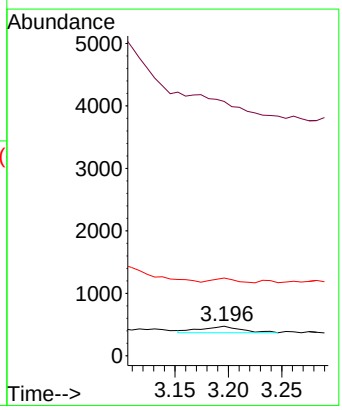


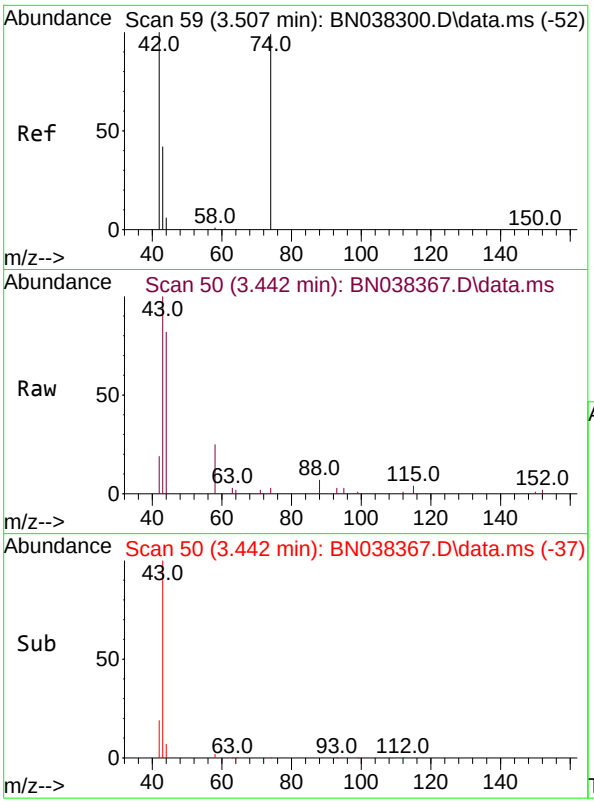


#2
1,4-Dioxane
Concen: 0.038 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion: 88 Resp: 266

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.9	37.3#
58	39.8	61.4	92.0#



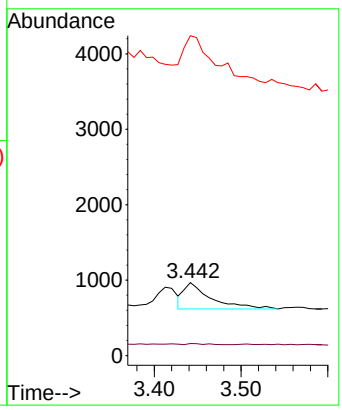


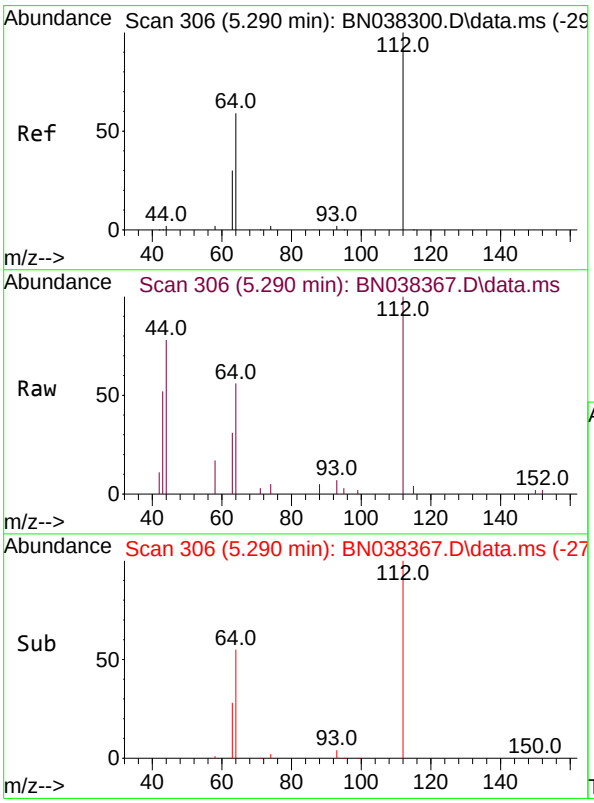
#3
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.058 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion: 42 Resp: 764

Ion	Ratio	Lower	Upper
42	100		
74	2.6	95.3	142.9#
44	210.7	7.9	11.9#

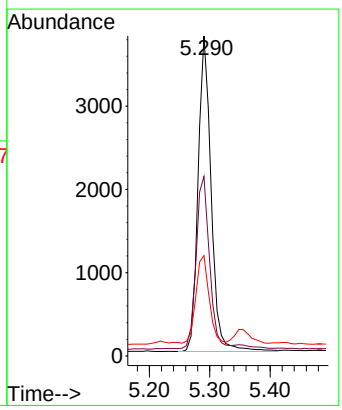


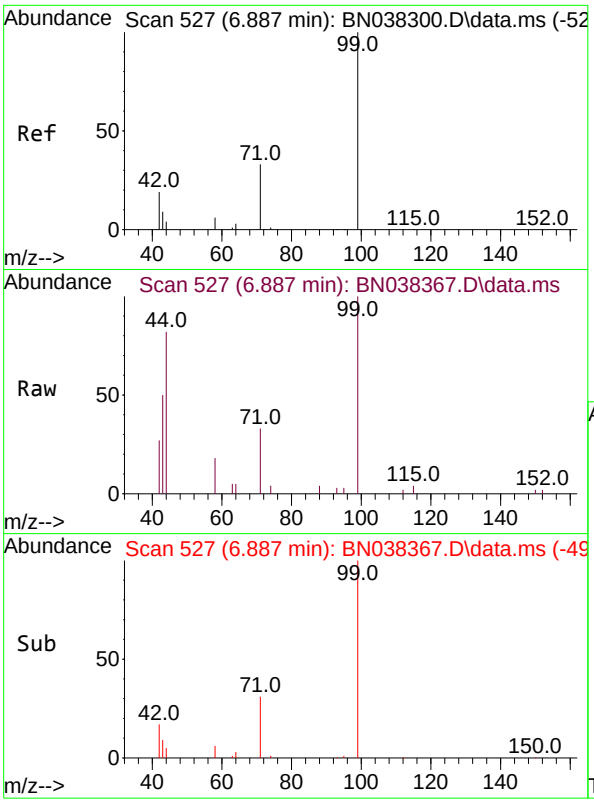


#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:112 Resp: 5719

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.4	66.6
63	28.5	23.4	35.0



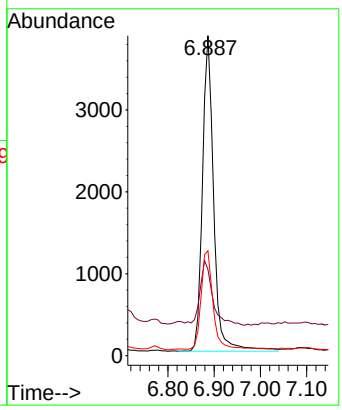


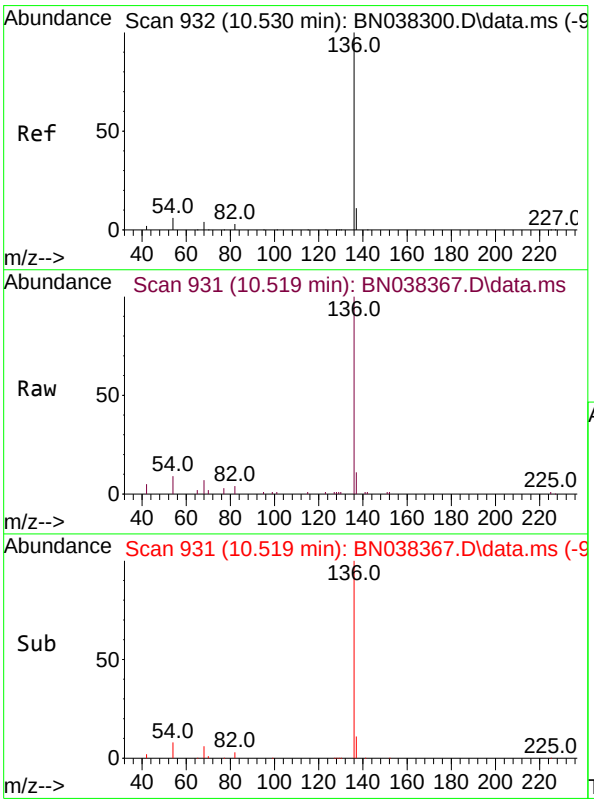
#5
Phenol-d6
Concen: 0.363 ng
RT: 6.887 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion: 99 Resp: 6490

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.5	24.7
71	33.2	24.9	37.3

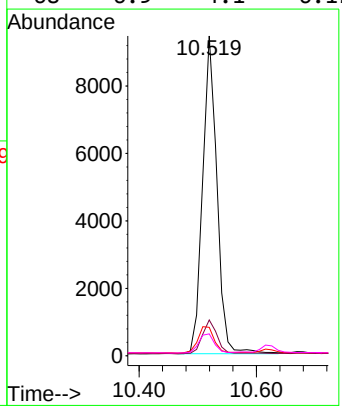


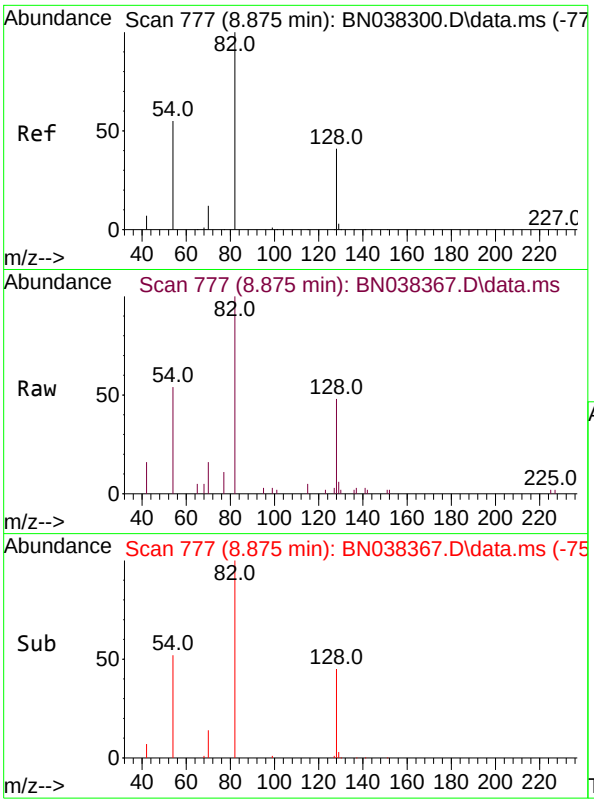


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:136 Resp: 15922

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.9	5.2	7.8#
68	6.9	4.1	6.1#



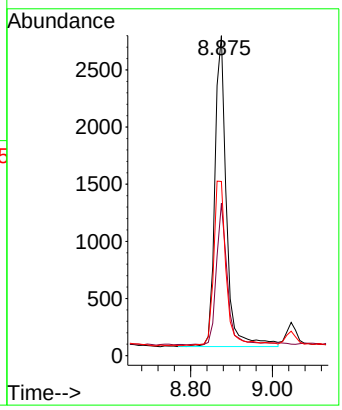


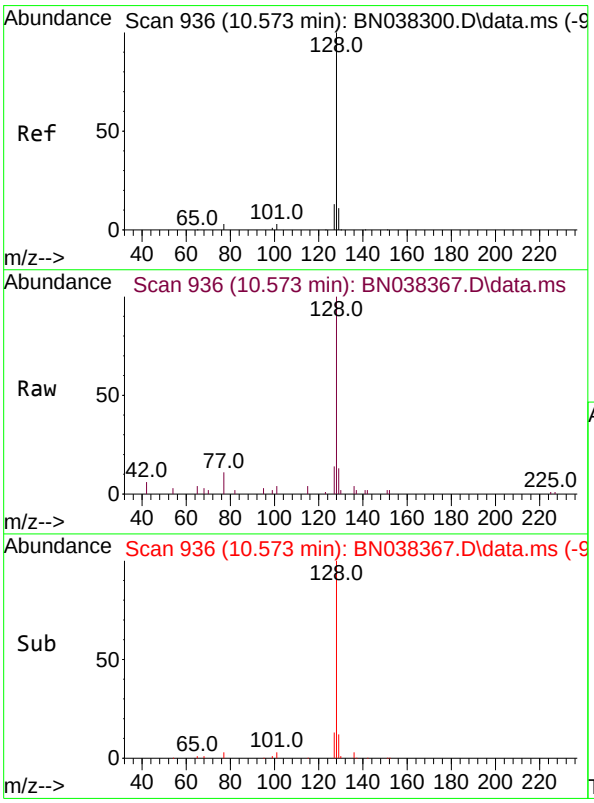
#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.875 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion: 82 Resp: 5378

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	54.4	44.4	66.6

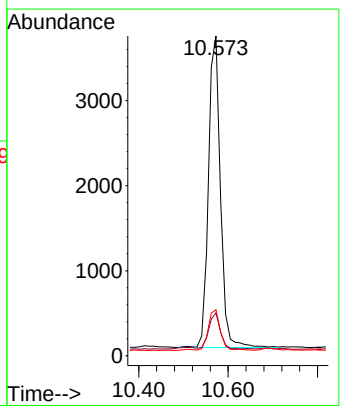


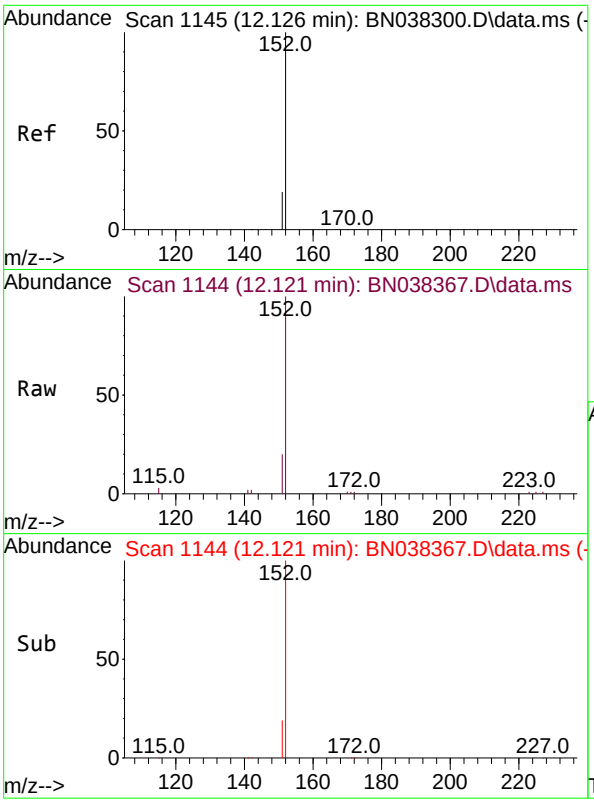


#9
Naphthalene
Concen: 0.145 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:128 Resp: 6830

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	14.4	10.9	16.3



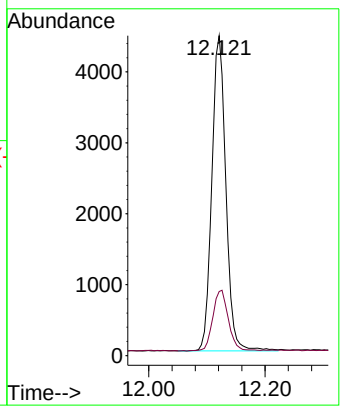


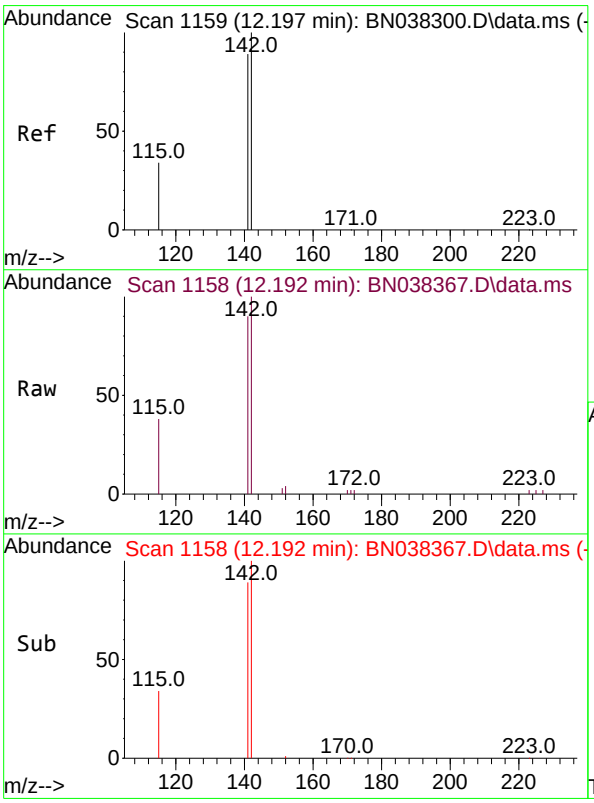
#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.121 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:152 Resp: 7441

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6

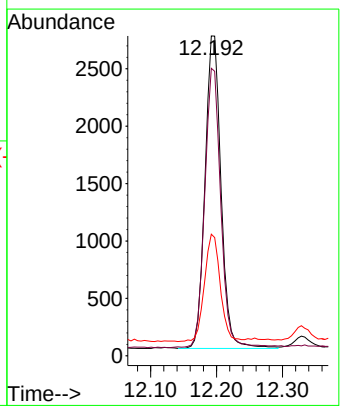


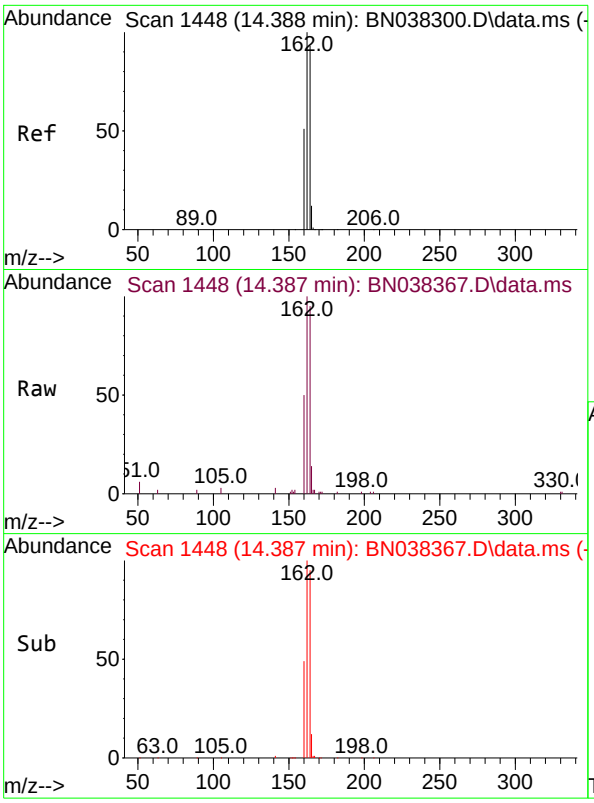


#12
2-Methylnaphthalene
Concen: 0.154 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:142 Resp: 4609

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	38.0	28.4	42.6



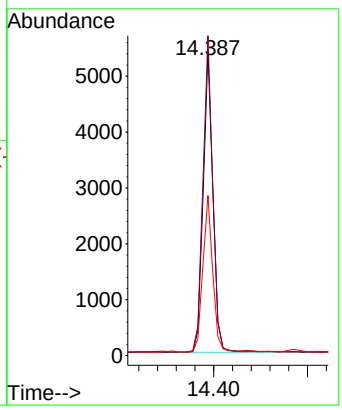


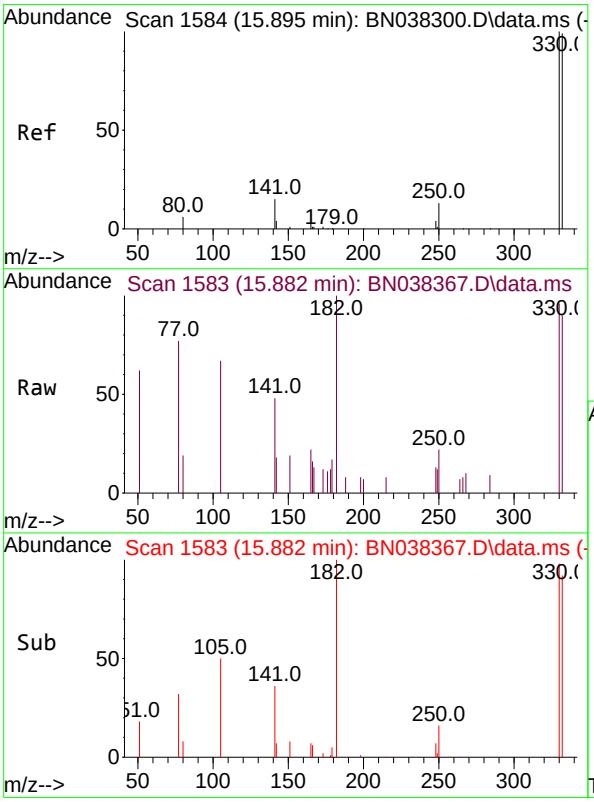
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:164 Resp: 7793

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.2	129.4
160	52.7	44.6	67.0

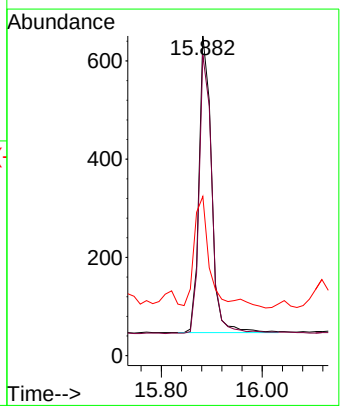


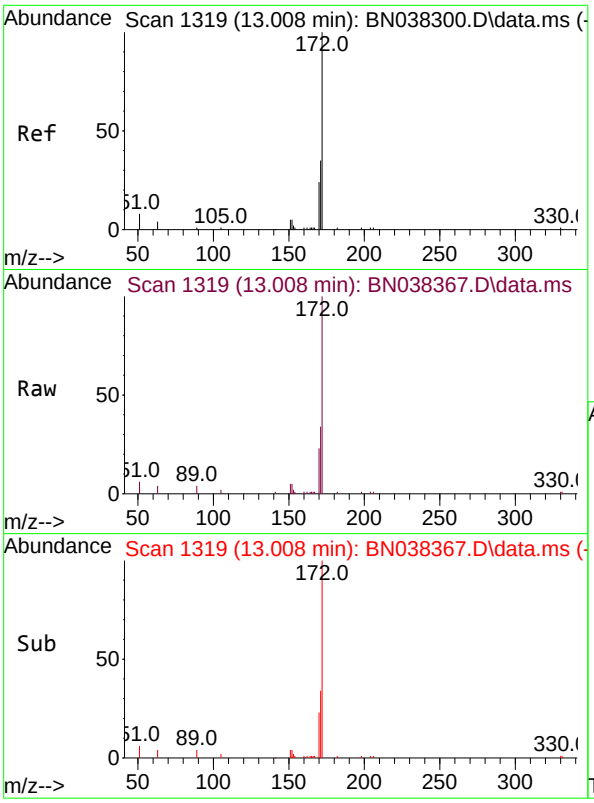


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:330 Resp: 1033

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.8	113.6
141	41.6	31.8	47.8



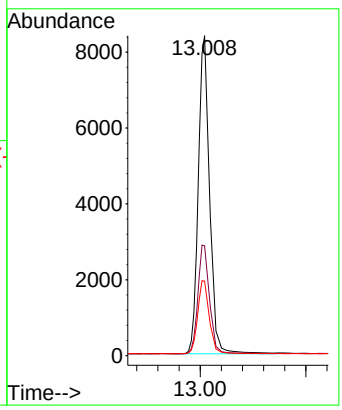


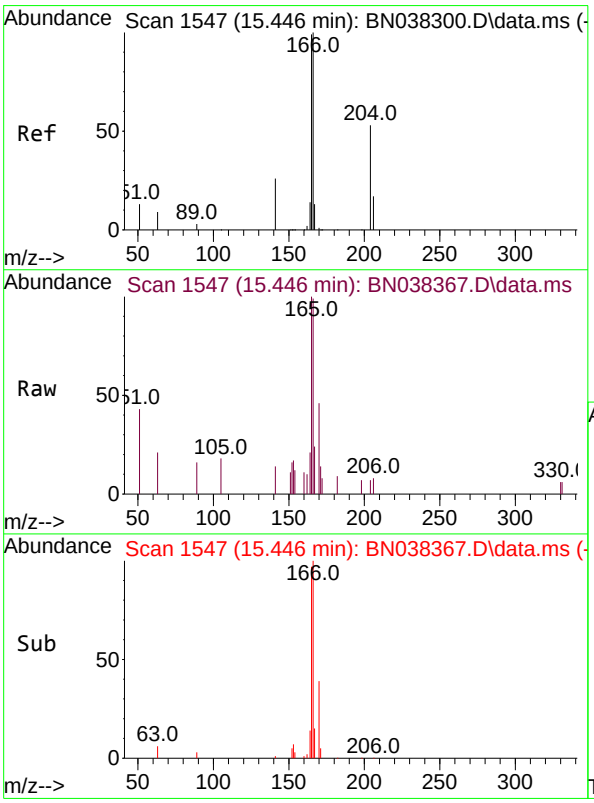
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.008 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:172 Resp: 15328

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	42.8
170	23.3	19.3	28.9

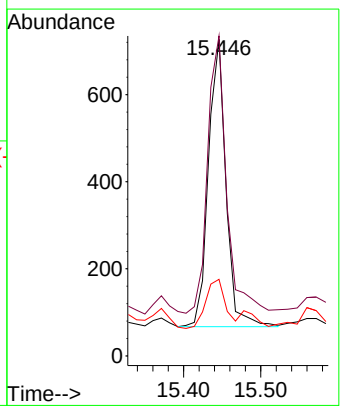


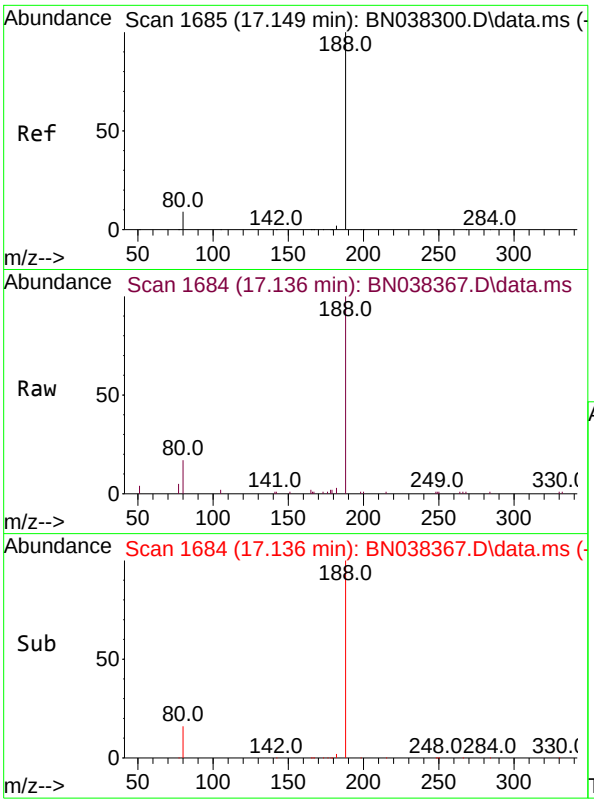


#18
Fluorene
Concen: 0.031 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:166 Resp: 1055

Ion	Ratio	Lower	Upper
166	100		
165	104.3	80.2	120.4
167	19.1	10.6	16.0#



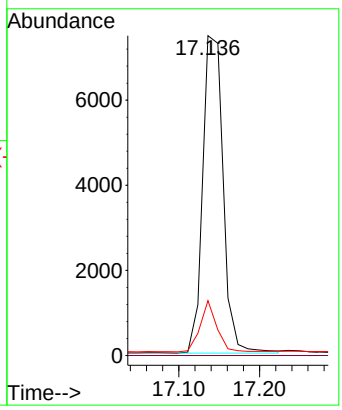


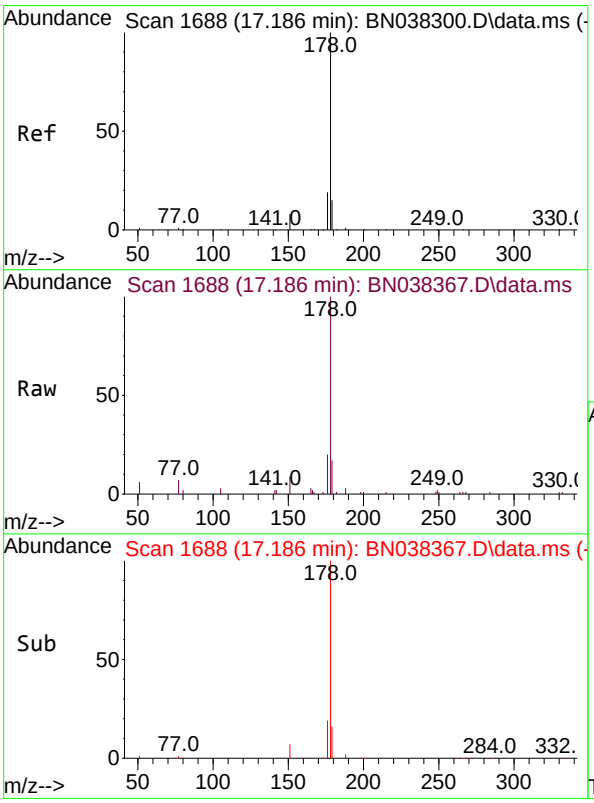
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:188 Resp: 13164

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.2	7.4	11.0#

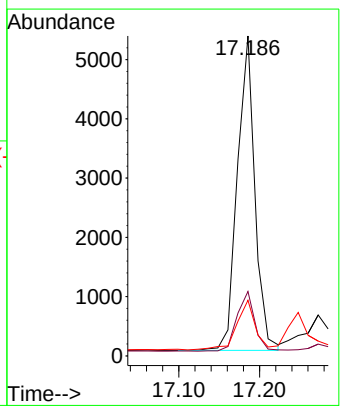


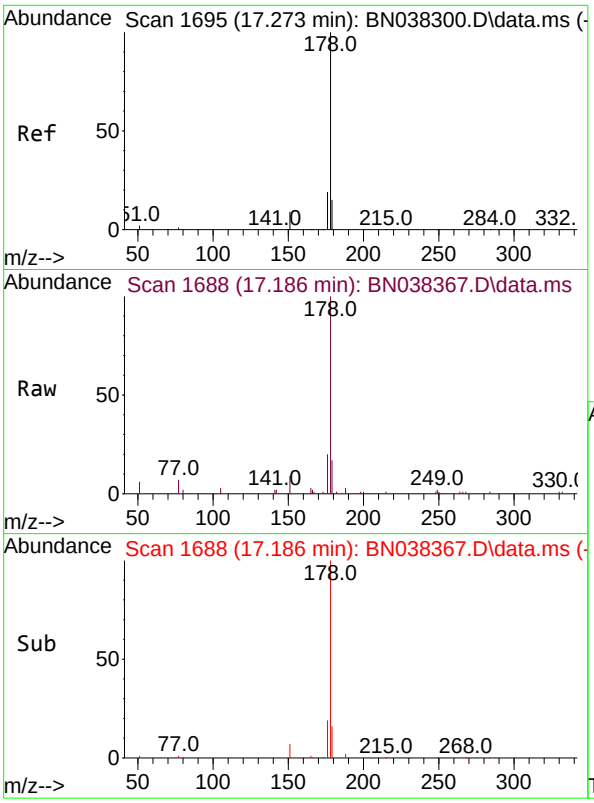


#25
Phenanthrene
Concen: 0.175 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:178 Resp: 8006

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.4	12.2	18.2



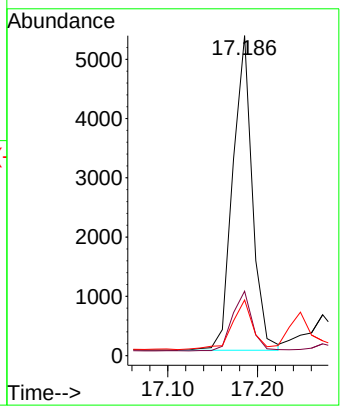


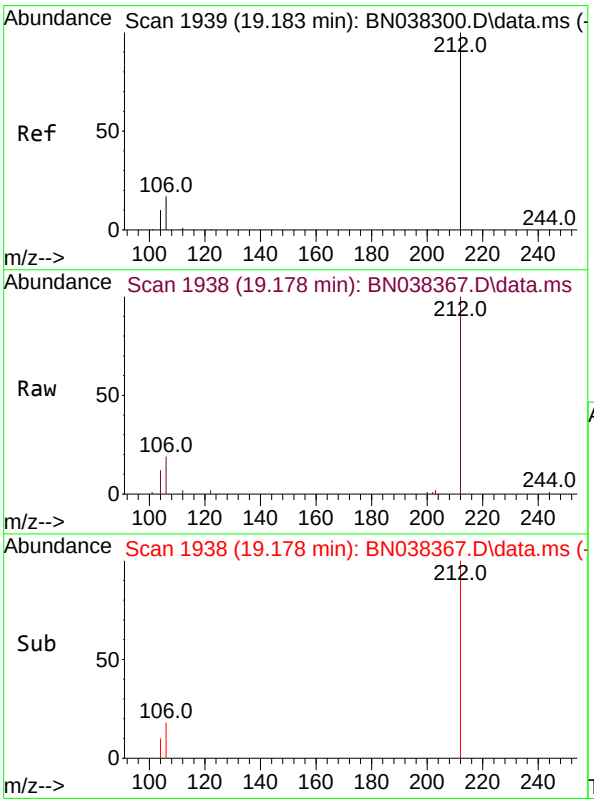
#26
Anthracene
Concen: 0.203 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.099 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:178 Resp: 8021

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.5	12.0	18.0

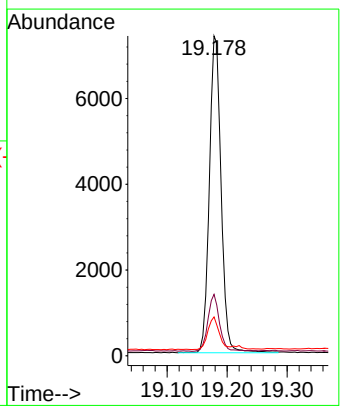


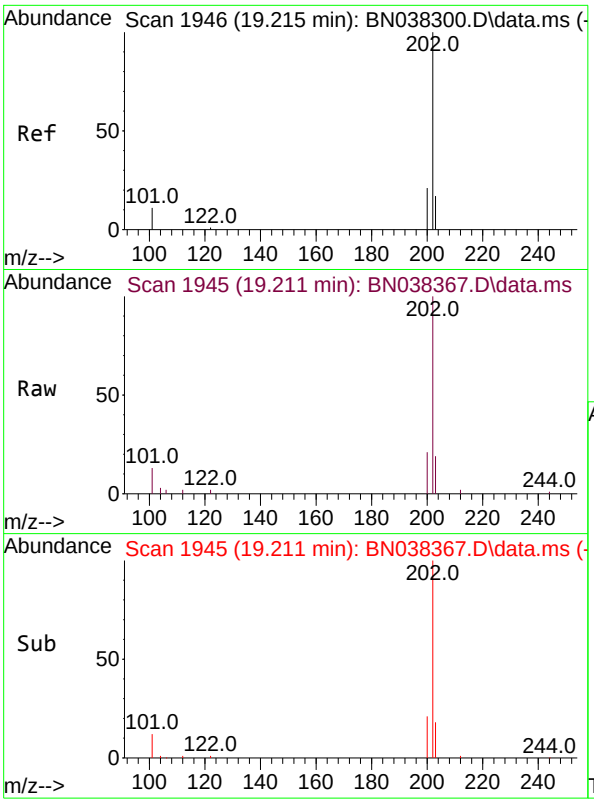


#27
Fluoranthene-d10
Concen: 0.309 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:212 Resp: 10052

Ion	Ratio	Lower	Upper
212	100		
106	17.9	13.7	20.5
104	9.9	7.8	11.8



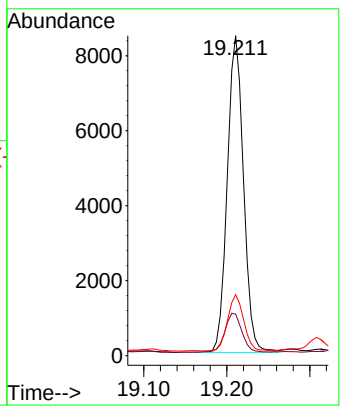


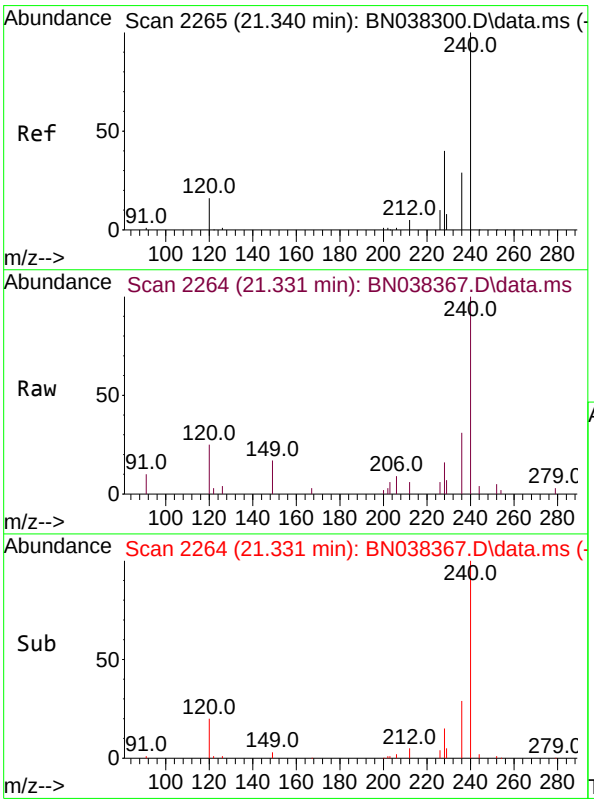
#28
Fluoranthene
Concen: 0.236 ng
RT: 19.211 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:202 Resp: 11505

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.6	14.4
203	17.6	13.5	20.3

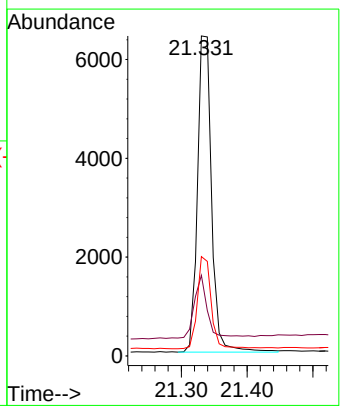


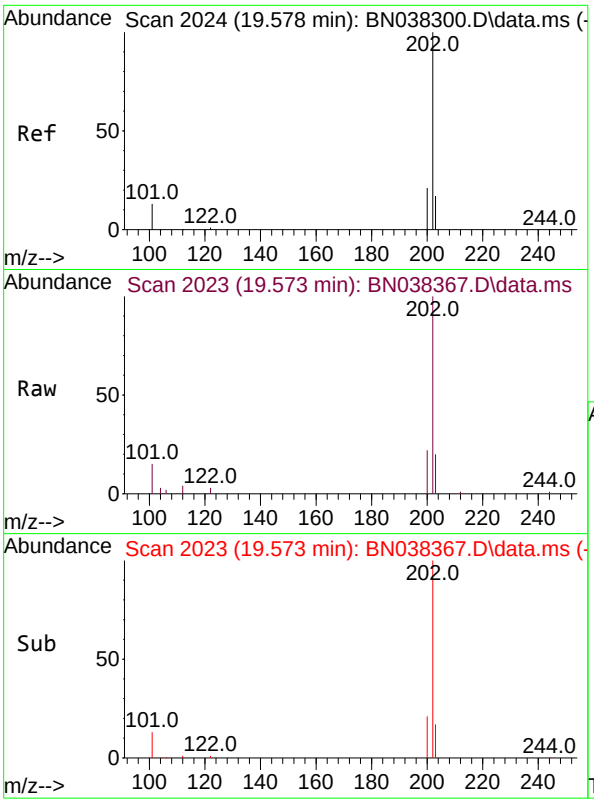


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:240 Resp: 9486

Ion	Ratio	Lower	Upper
240	100		
120	25.2	15.4	23.2#
236	31.0	23.9	35.9



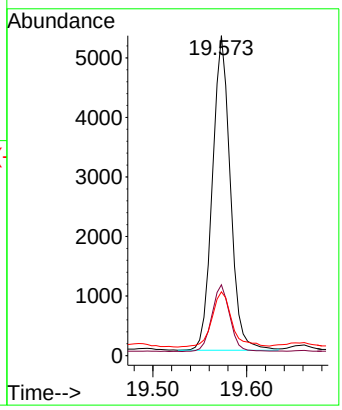


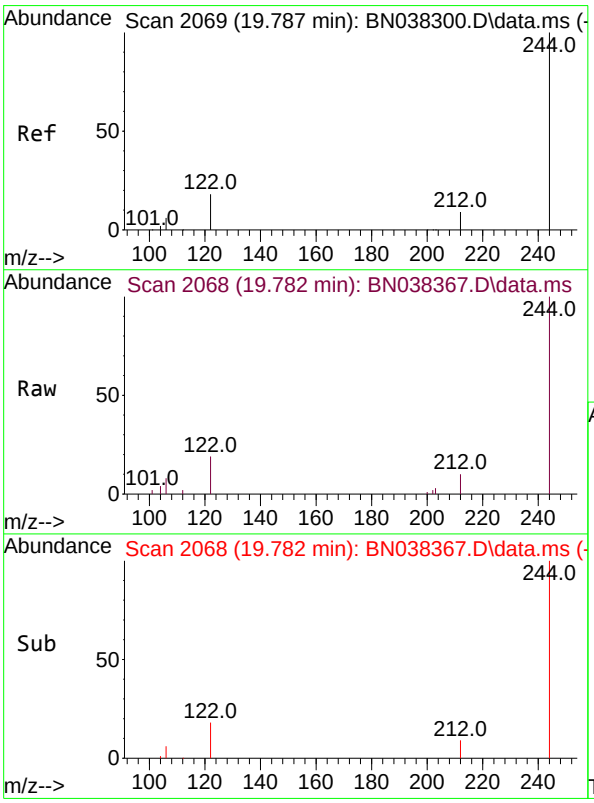
#30
Pyrene
Concen: 0.150 ng
RT: 19.573 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:202 Resp: 7017

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	19.5	14.2	21.2

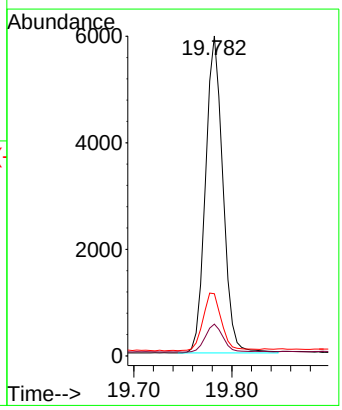


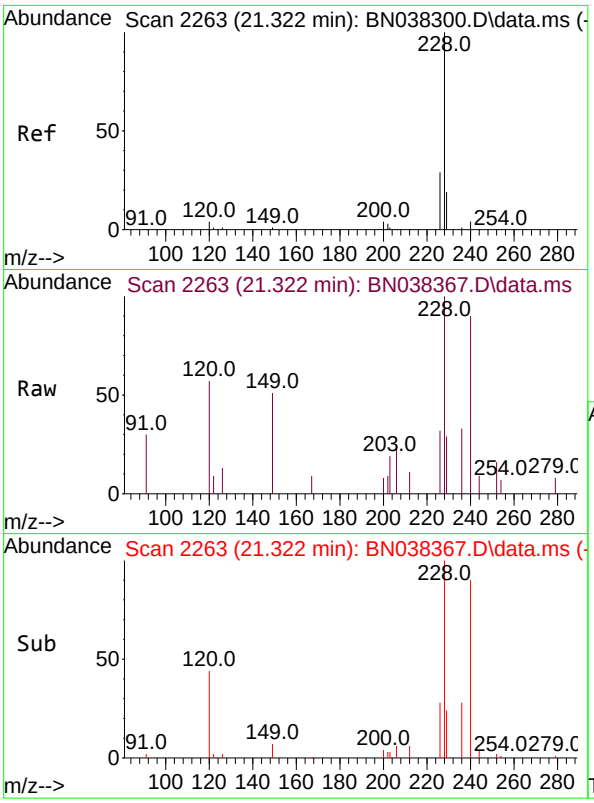


#31
Terphenyl-d14
Concen: 0.346 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:244 Resp: 7331

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	19.4	15.0	22.6



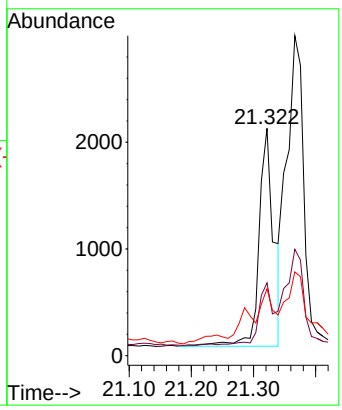


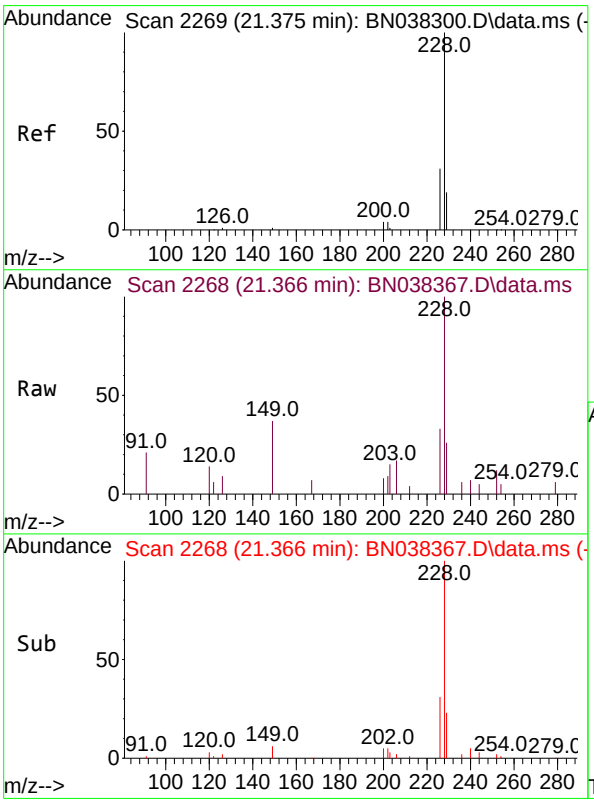
#32
Benzo(a)anthracene
Concen: 0.092 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:228 Resp: 3385

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.3	34.9
229	29.4	15.7	23.5#

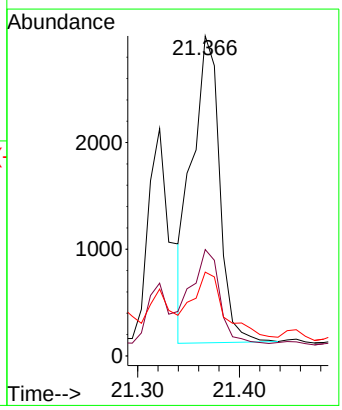


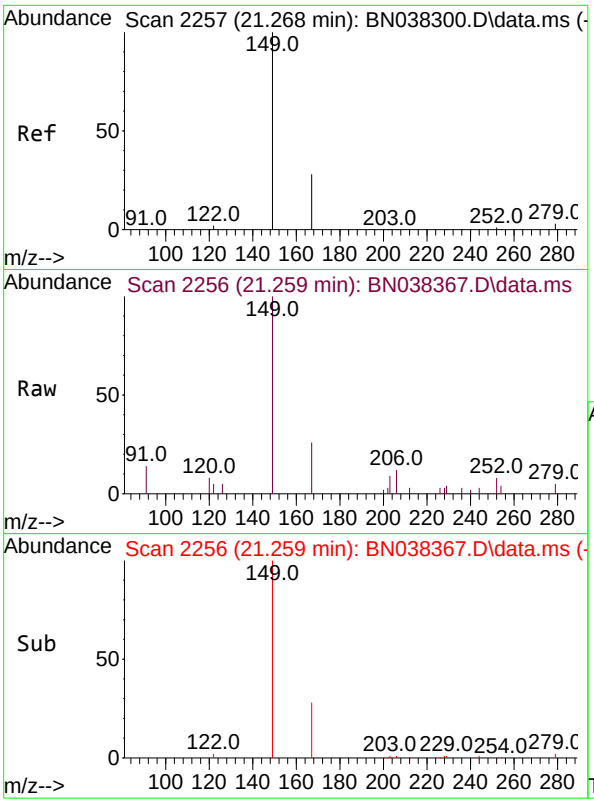


#33
Chrysene
Concen: 0.134 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:228 Resp: 5408

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.4
229	26.2	15.5	23.3#



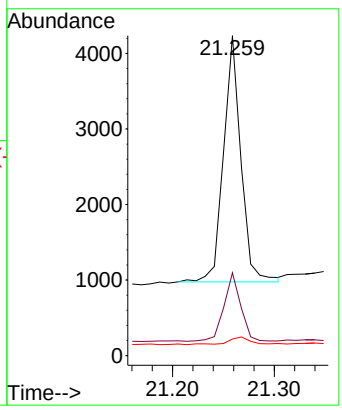


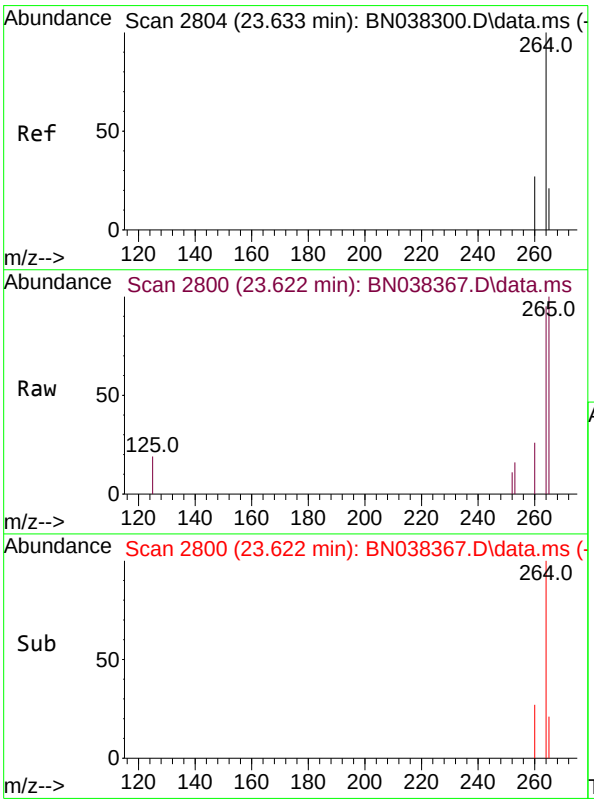
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:149 Resp: 3886

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.8	2.4	3.6#

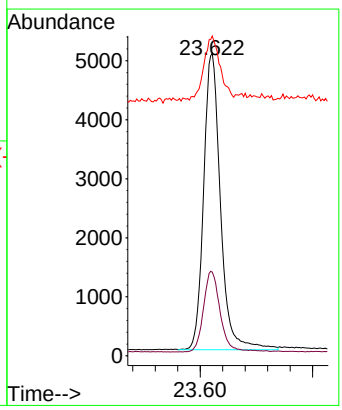


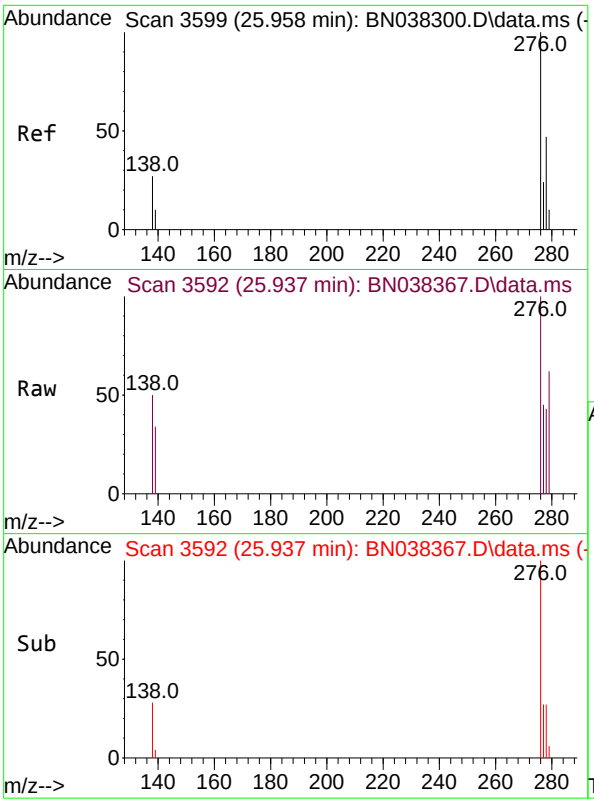


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:264 Resp: 10480

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.2	33.2
265	105.8	80.2	120.2



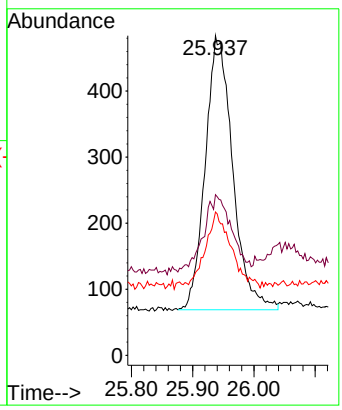


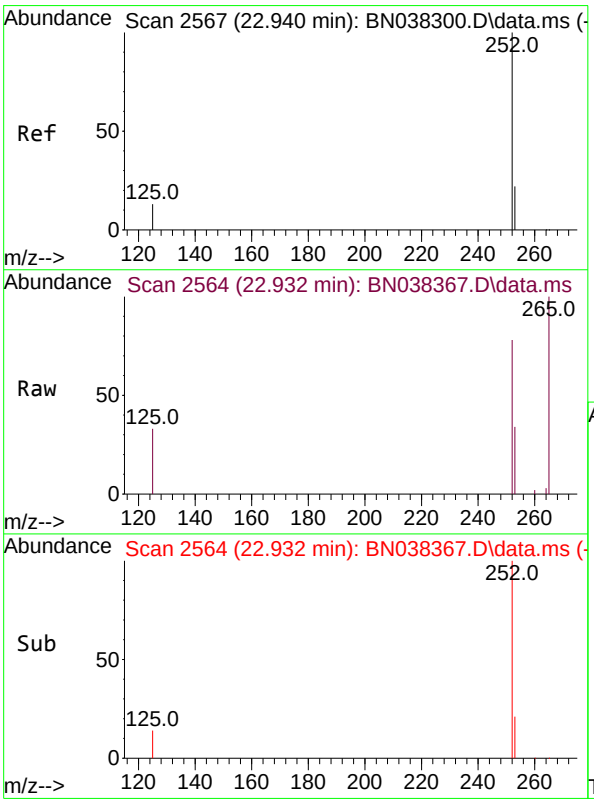
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 25.937 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:276 Resp: 1288

Ion	Ratio	Lower	Upper
276	100		
138	11.5	23.6	35.4#
277	23.1	19.7	29.5

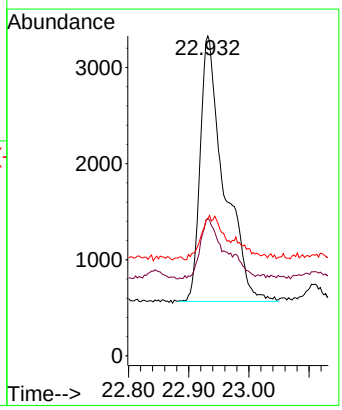


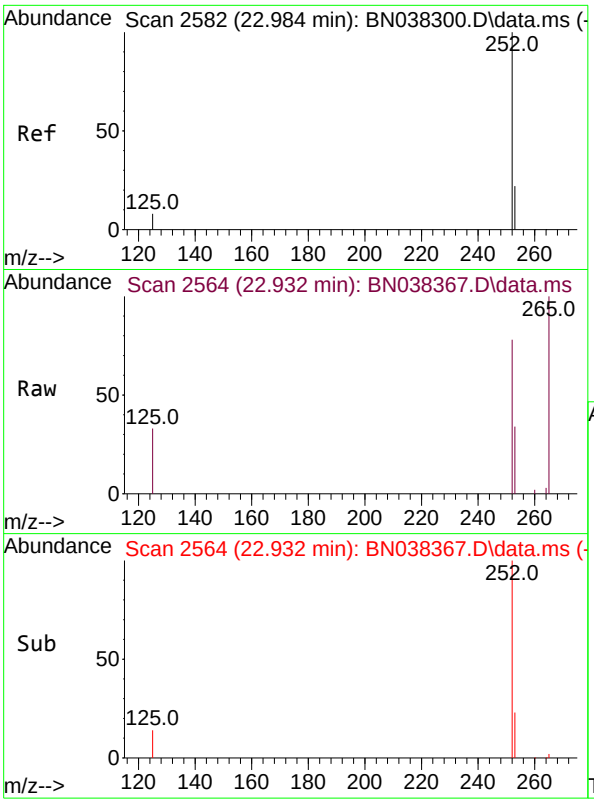


#37
Benzo(b)fluoranthene
Concen: 0.158 ng
RT: 22.932 min Scan# 2564
Delta R.T. -0.015 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:252 Resp: 7611

Ion	Ratio	Lower	Upper
252	100		
253	43.0	21.1	31.7#
125	42.8	16.4	24.6#



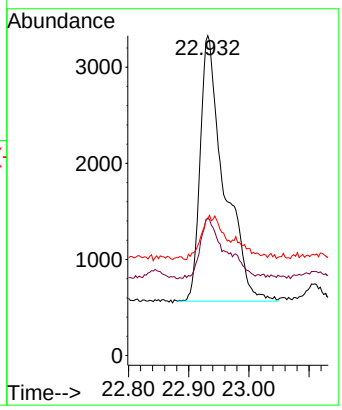


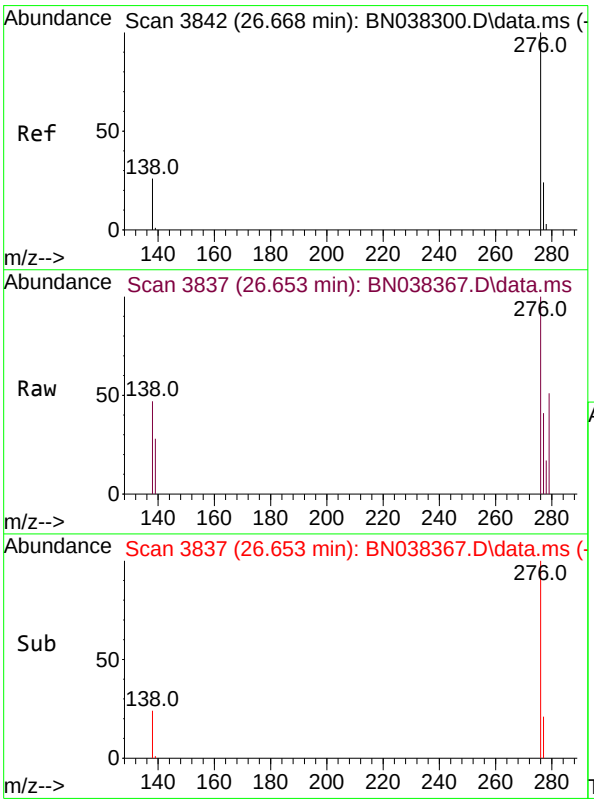
#38
Benzo(k)fluoranthene
Concen: 0.159 ng
RT: 22.932 min Scan# 2
Delta R.T. -0.058 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Instrument :
BNA_N
ClientSampleId :
C0AN1

Tgt Ion:252 Resp: 7611

Ion	Ratio	Lower	Upper
252	100		
253	43.0	21.4	32.0#
125	42.8	16.2	24.2#





#41
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 26.653 min Scan# 3837
Delta R.T. -0.023 min
Lab File: BN038367.D
Acq: 13 Dec 2025 01:50

Tgt Ion:276 Resp: 1403

Ion	Ratio	Lower	Upper
276	100		
277	41.1	20.0	30.0#
138	47.0	21.8	32.6#