Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038368.D
Acq On : 13 Dec 2025 02:27
Operator : RC/JU
Sample : Q3839-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN2

Quant Time: Dec 13 03:01:22 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	5786	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	15235	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7507	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13064	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10296	0.400	ng	0.00
35) Perylene-d12	23.622	264	10788	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	3553	0.247	ng	0.00
5) Phenol-d6	6.887	99	4050	0.236	ng	0.00
8) Nitrobenzene-d5	8.875	82	3334	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	4511	0.210	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	647	0.194	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	9130	0.252	ng	0.00
27) Fluoranthene-d10	19.178	212	5495	0.170	ng	0.00
31) Terphenyl-d14	19.782	244	4218	0.184	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.449	42	394	0.047	ng	# 1
9) Naphthalene	10.573	128	4029	0.089	ng	# 95
12) 2-Methylnaphthalene	12.197	142	3006	0.105	ng	98
25) Phenanthrene	17.186	178	6051	0.133	ng	98
26) Anthracene	17.186	178	5993	0.153	ng	96
28) Fluoranthene	19.211	202	7174	0.148	ng	97
30) Pyrene	19.573	202	5266	0.104	ng	97
32) Benzo(a)anthracene	21.322	228	3078	0.077	ng	# 86
33) Chrysene	21.366	228	4266	0.097	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.259	149	10167	0.466	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.943	276	1804	0.032	ng	94
37) Benzo(b)fluoranthene	22.932	252	5113	0.103	ng	# 48
38) Benzo(k)fluoranthene	22.932	252	5113	0.104	ng	# 49
39) Benzo(a)pyrene	23.519	252	1714	0.042	ng	# 9
41) Benzo(g,h,i)perylene	26.651	276	2051	0.042	ng	# 78

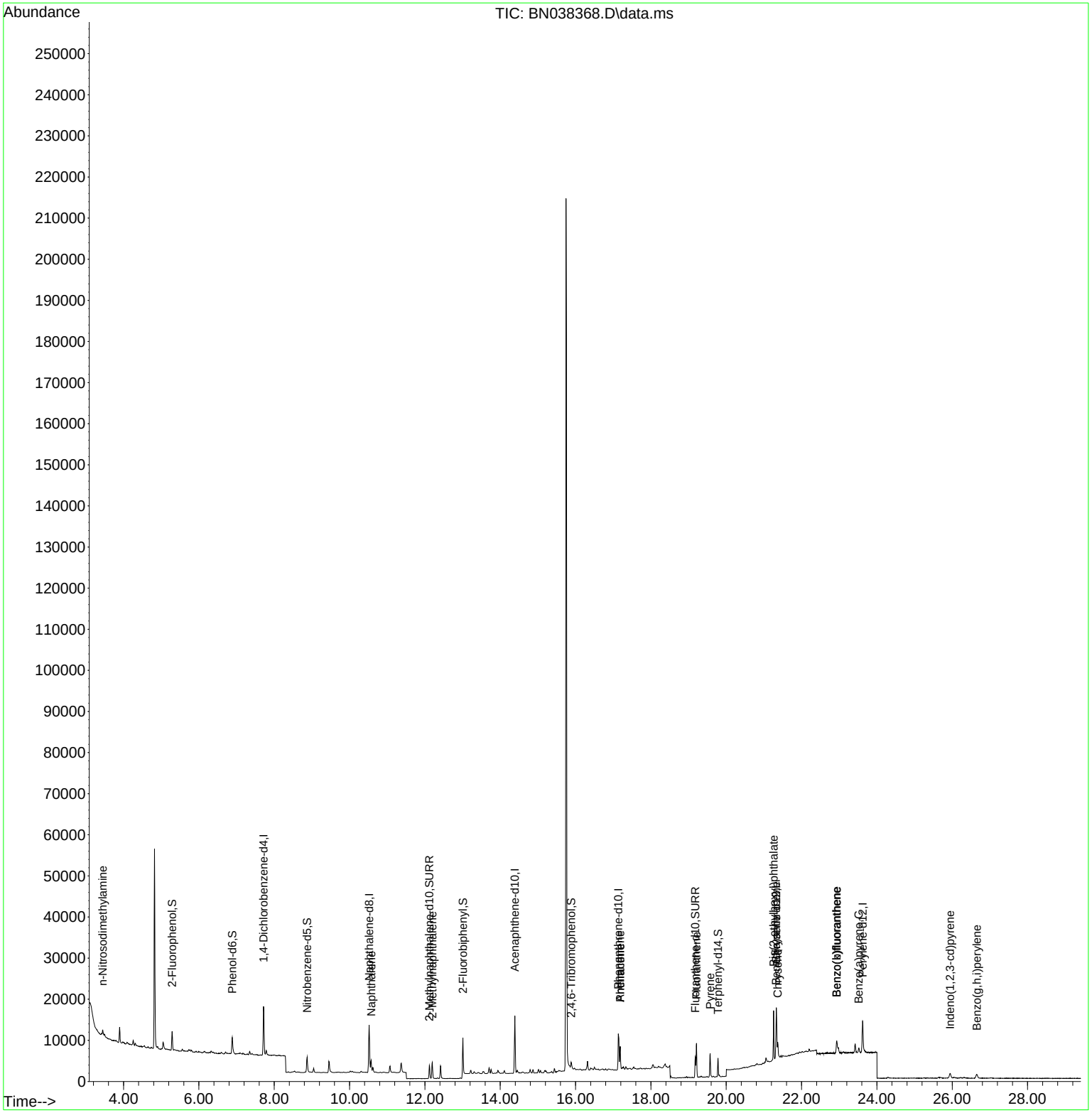
(#) = qualifier out of range (m) = manual integration (+) = signals summed

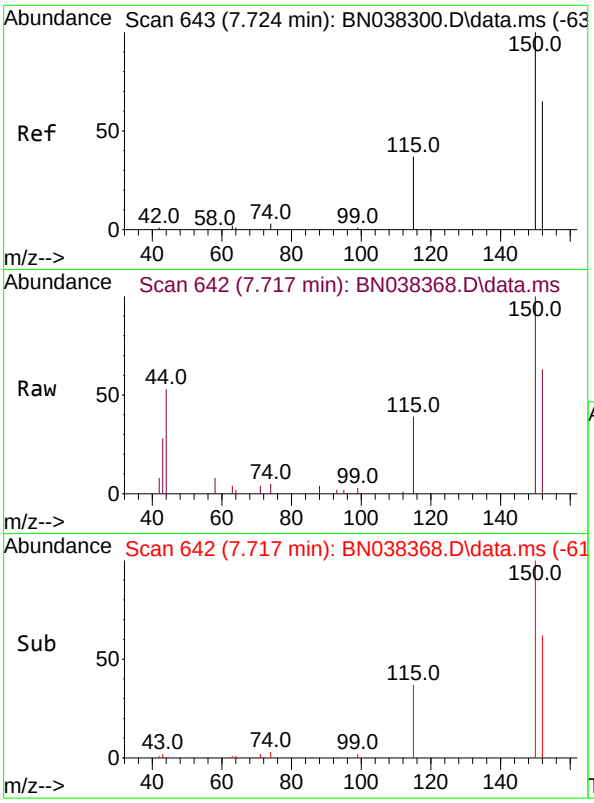
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038368.D
Acq On : 13 Dec 2025 02:27
Operator : RC/JU
Sample : Q3839-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN2

Quant Time: Dec 13 03:01:22 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



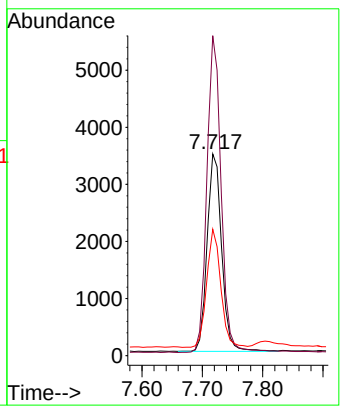


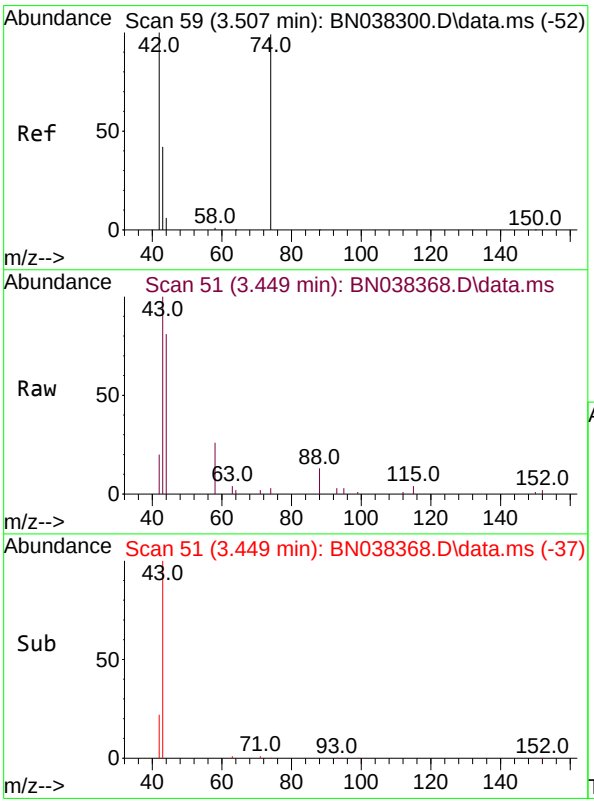
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:152 Resp: 5786

Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.4	183.6
115	62.6	47.3	70.9

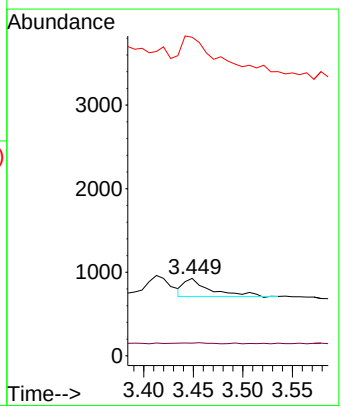


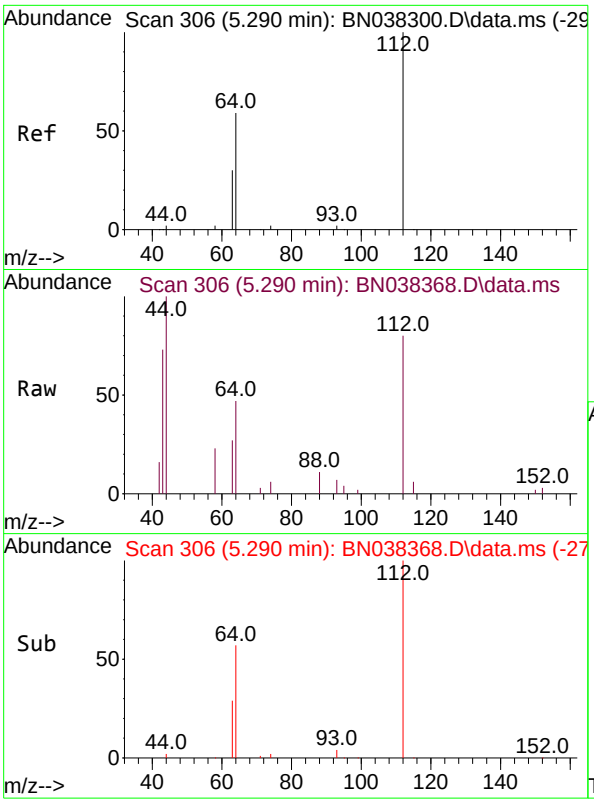


#3
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.449 min Scan# 51
Delta R.T. -0.051 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion: 42 Resp: 394

Ion	Ratio	Lower	Upper
42	100		
74	7.9	95.3	142.9#
44	446.2	7.9	11.9#



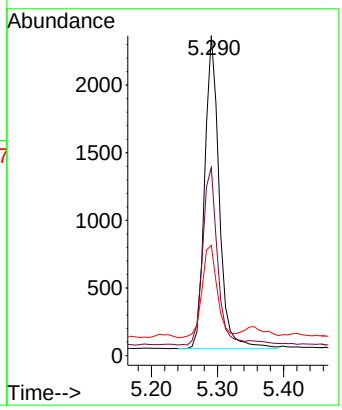


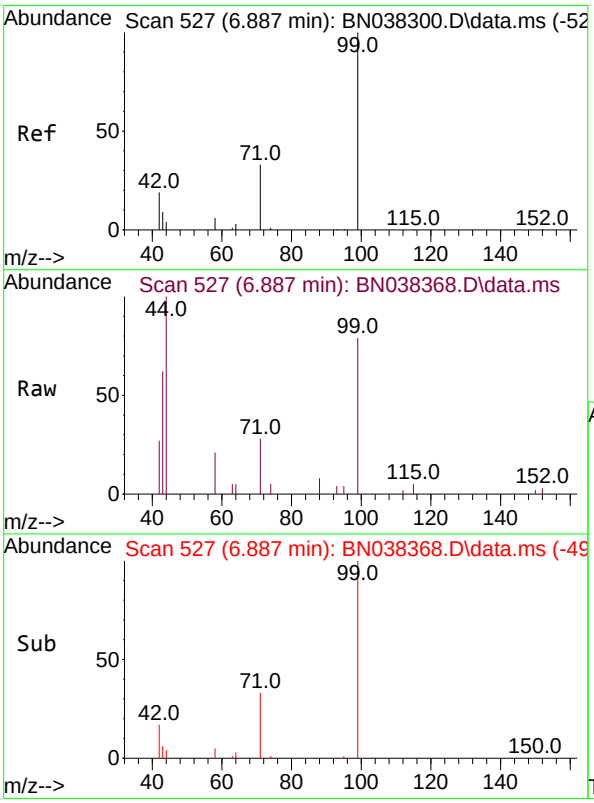
#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.290 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:112 Resp: 3553

Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.4	66.6
63	31.0	23.4	35.0

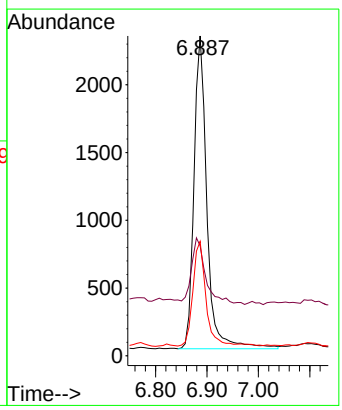


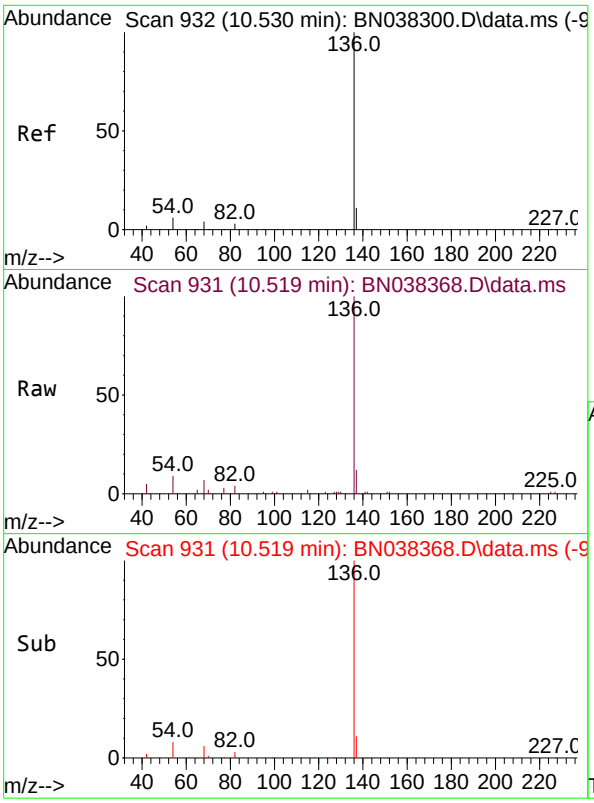


#5
Phenol-d6
Concen: 0.236 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion: 99 Resp: 4050

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.5	24.7
71	33.2	24.9	37.3



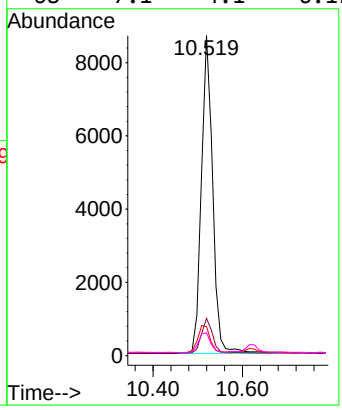


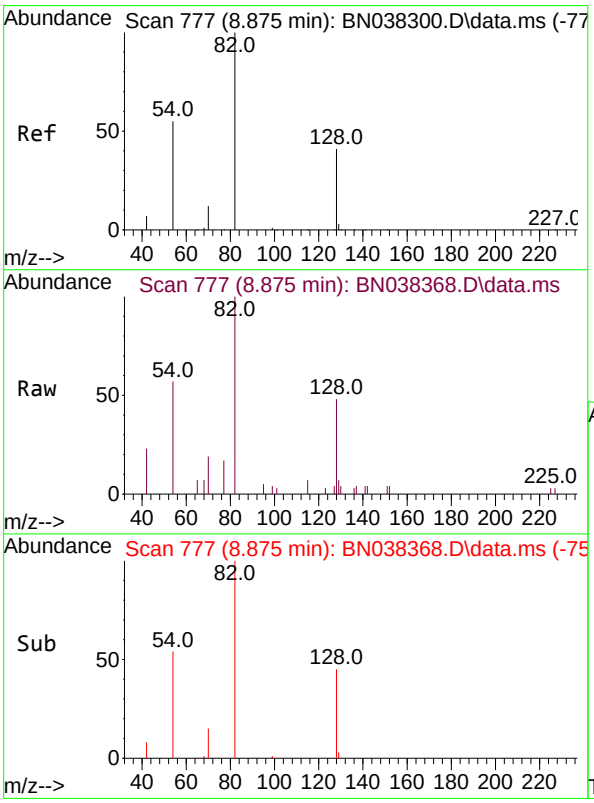
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:136 Resp: 15235

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.1	5.2	7.8#
68	7.1	4.1	6.1#

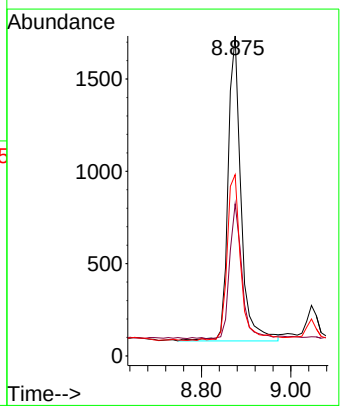


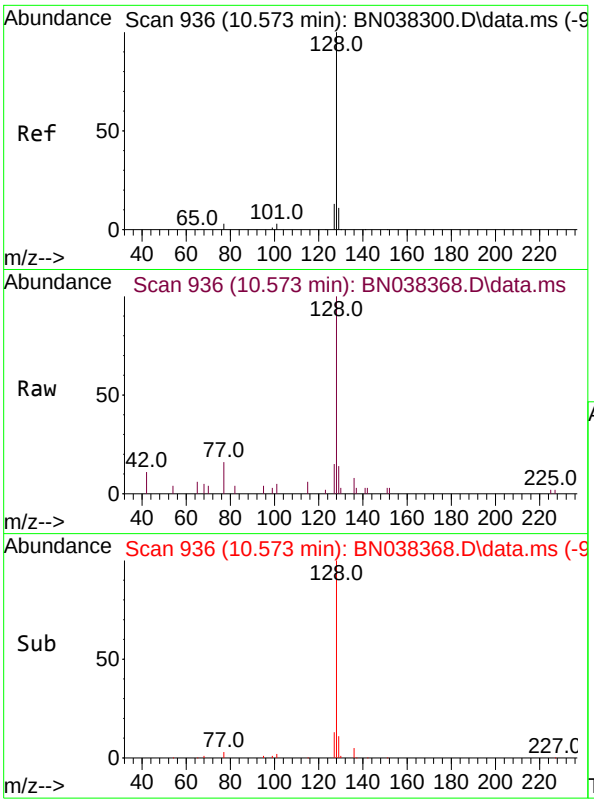


#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion: 82 Resp: 3334

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	56.6	44.4	66.6



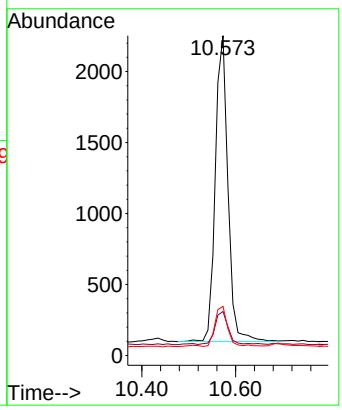


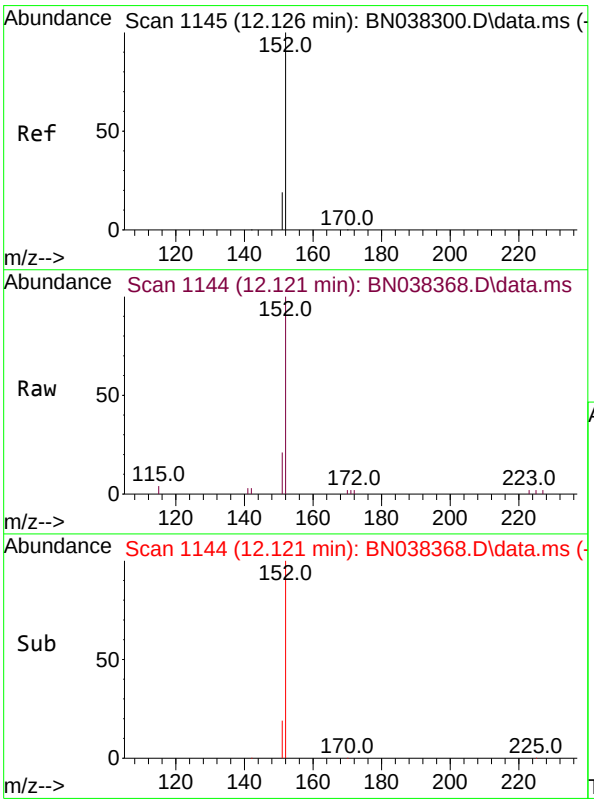
#9
Naphthalene
Concen: 0.089 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:128 Resp: 4029

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.1	13.7#
127	15.4	10.9	16.3

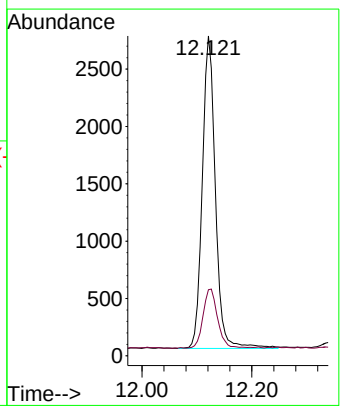


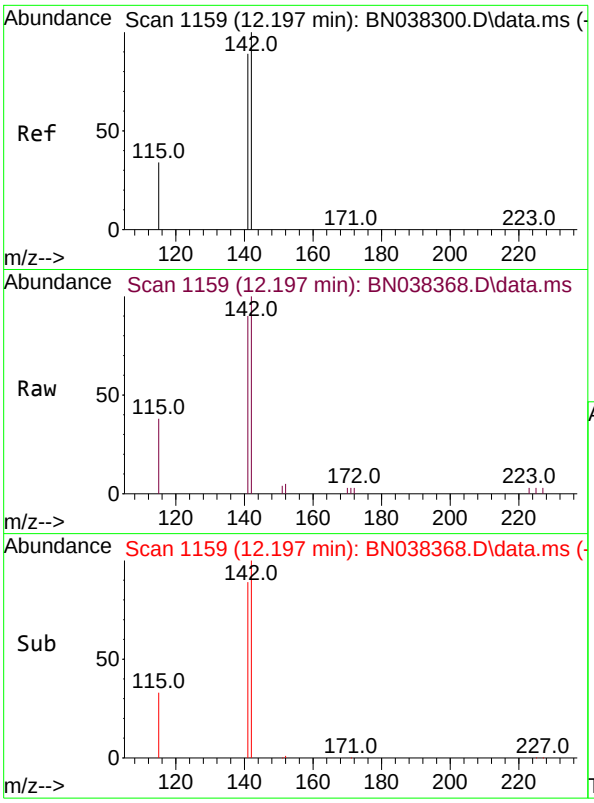


#11
2-Methylnaphthalene-d10
Concen: 0.210 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:152 Resp: 4511

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6



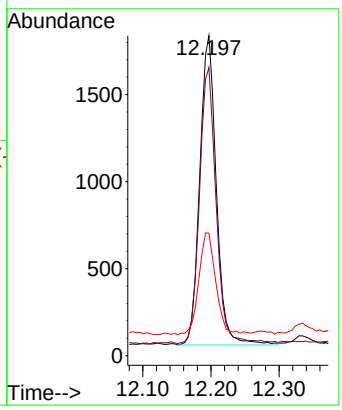


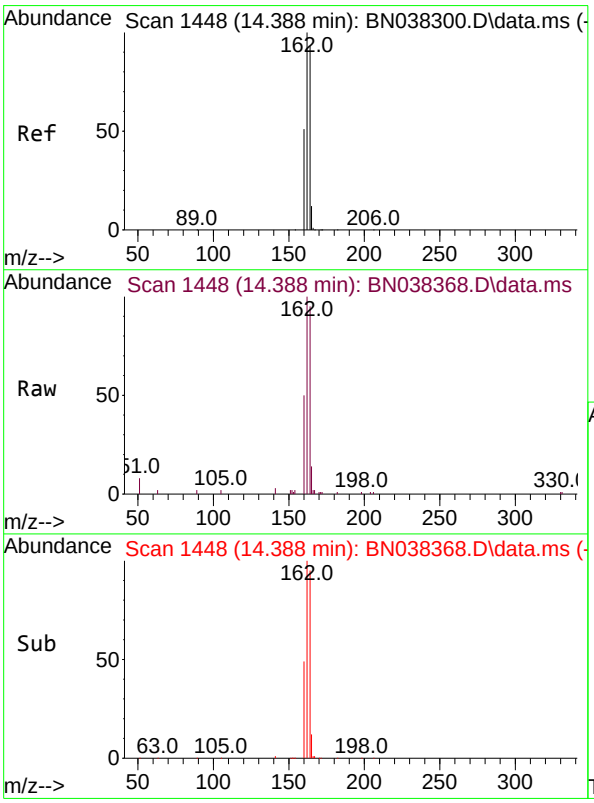
#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.197 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:142 Resp: 3006

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	38.3	28.4	42.6

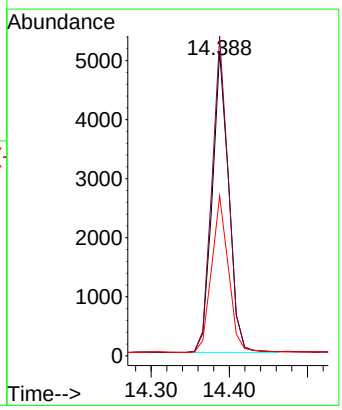


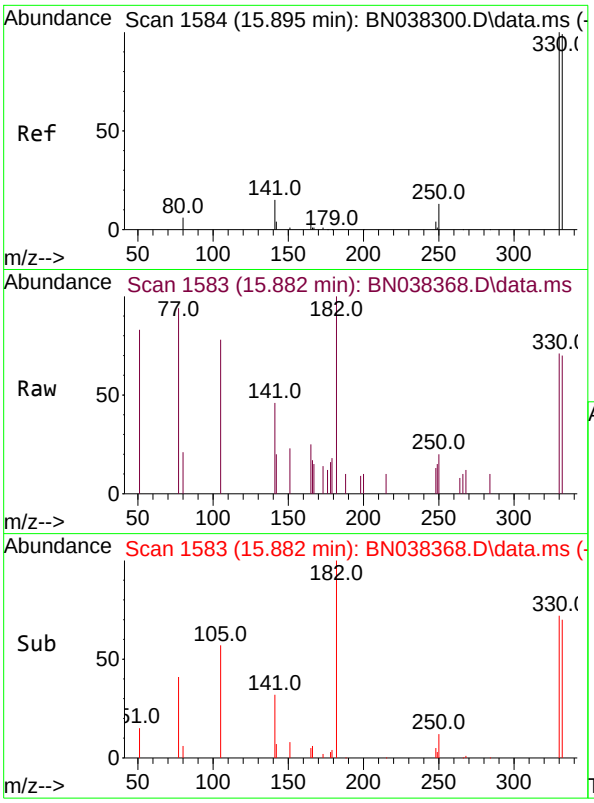


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:164 Resp: 7507

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.2	129.4
160	52.4	44.6	67.0



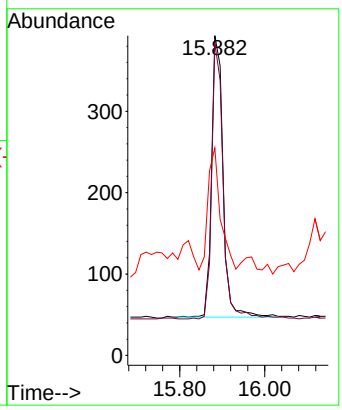


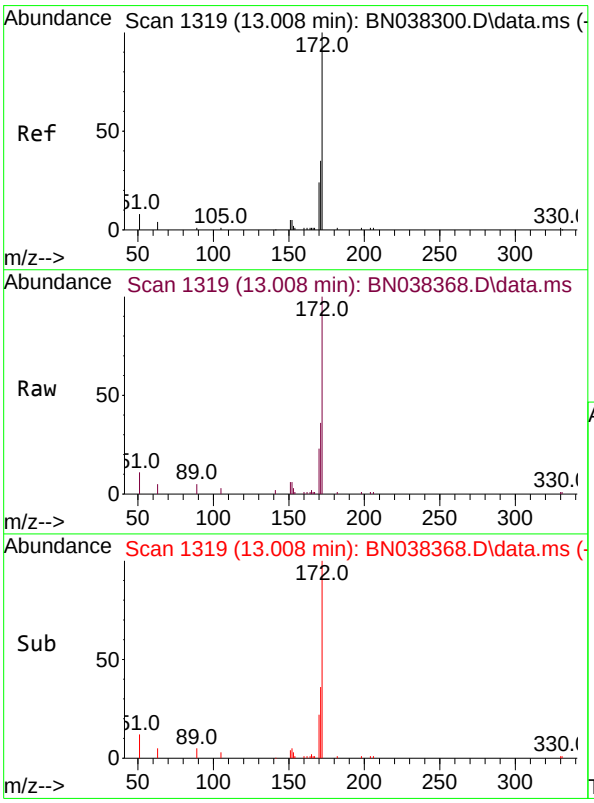
#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.882 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:330 Resp: 647

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.8	113.6
141	47.0	31.8	47.8

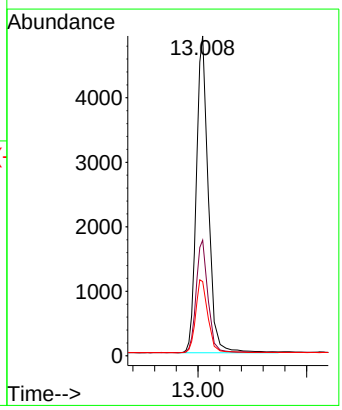


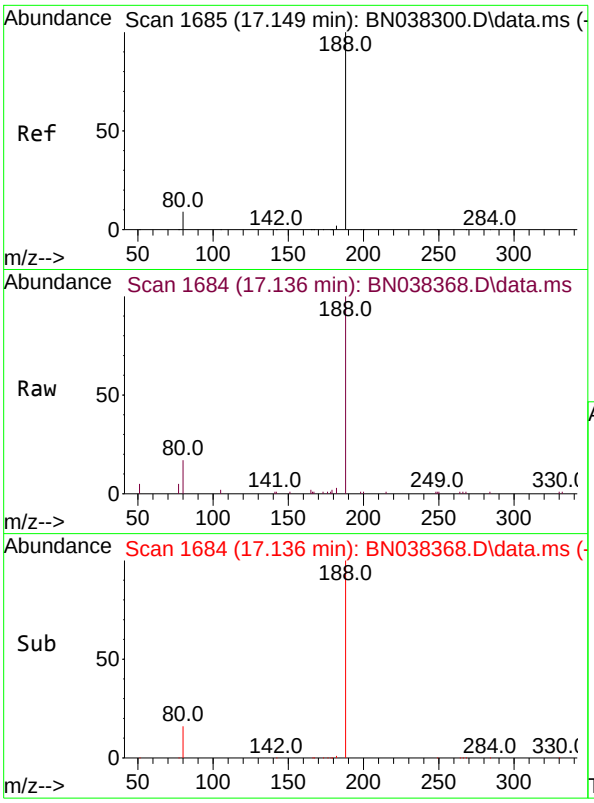


#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:172 Resp: 9130

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.2	19.3	28.9



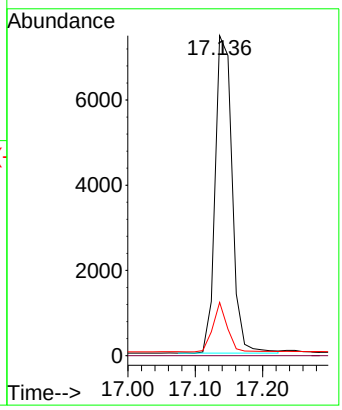


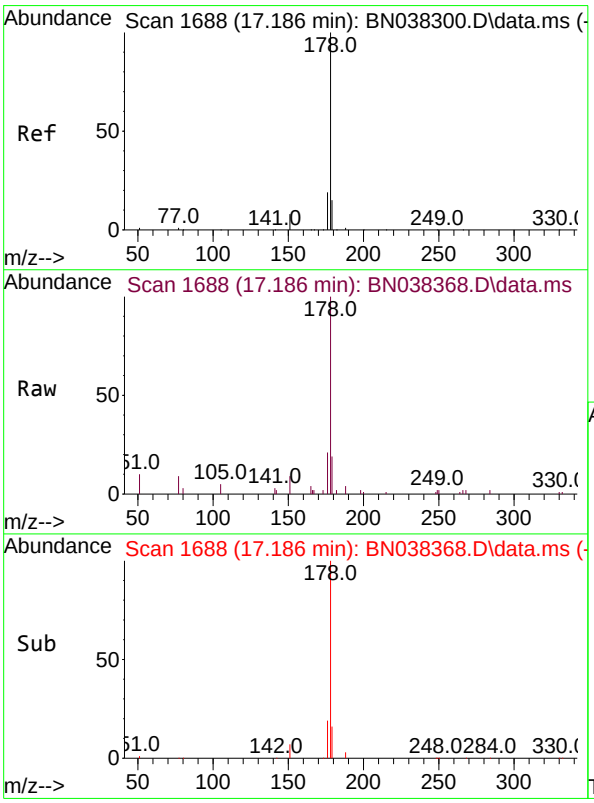
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:188 Resp: 13064

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.7	7.4	11.0#

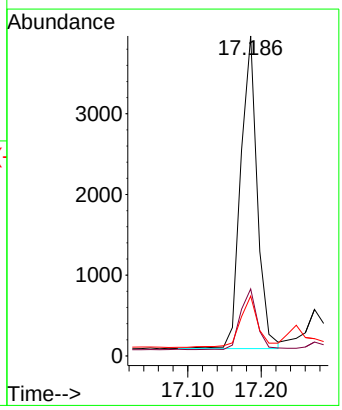


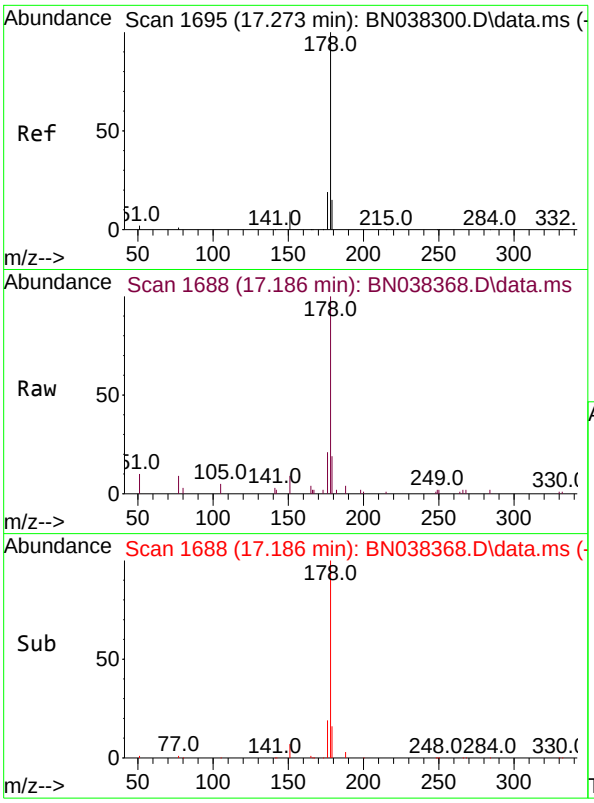


#25
Phenanthrene
Concen: 0.133 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:178 Resp: 6051

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	17.2	12.2	18.2



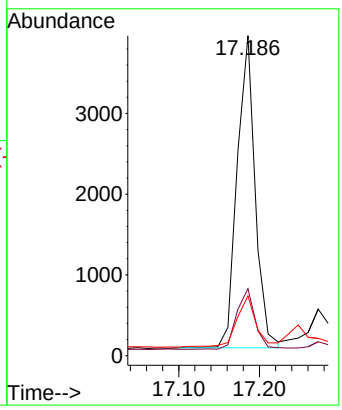


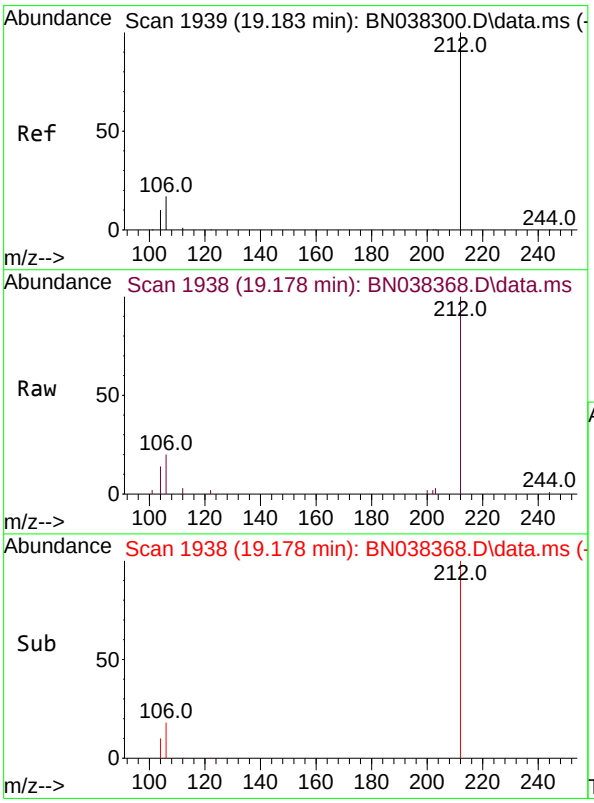
#26
Anthracene
Concen: 0.153 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.099 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:178 Resp: 5993

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	17.1	12.0	18.0

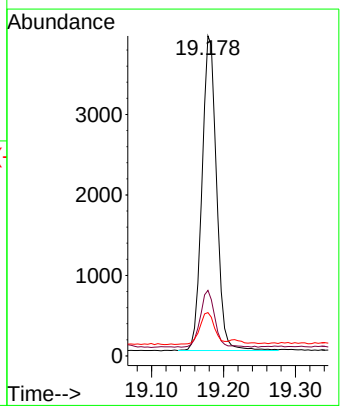


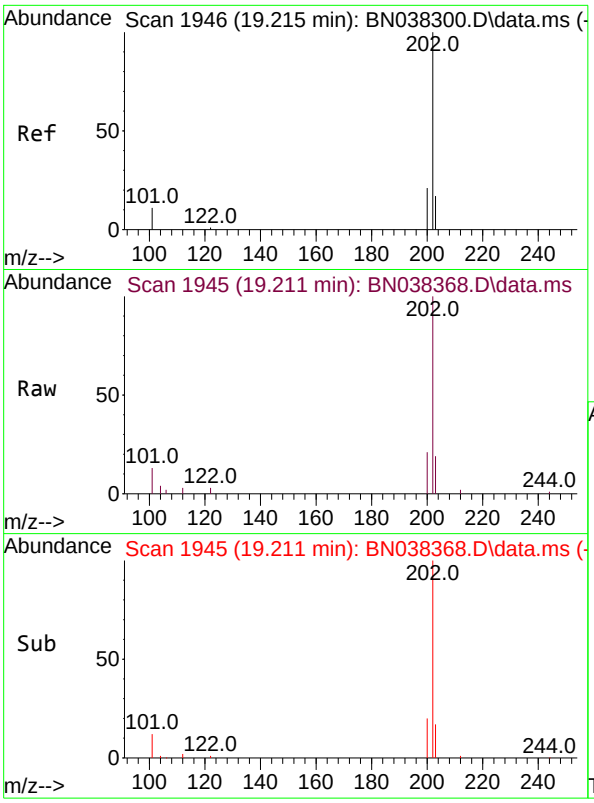


#27
Fluoranthene-d10
Concen: 0.170 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:212 Resp: 5495

Ion	Ratio	Lower	Upper
212	100		
106	18.0	13.7	20.5
104	10.5	7.8	11.8



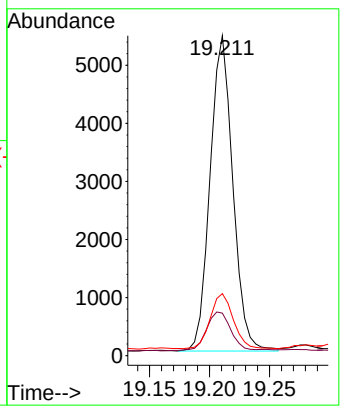


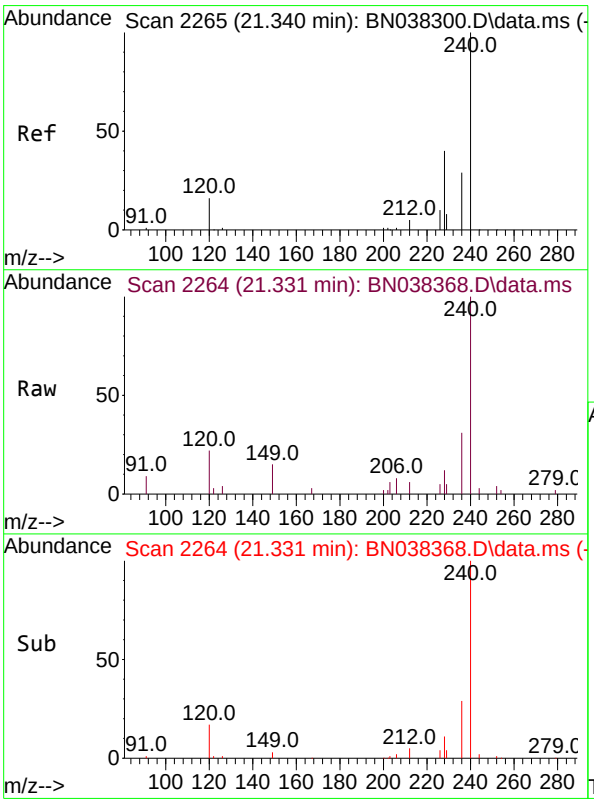
#28
Fluoranthene
Concen: 0.148 ng
RT: 19.211 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:202 Resp: 7174

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.6	14.4
203	17.7	13.5	20.3

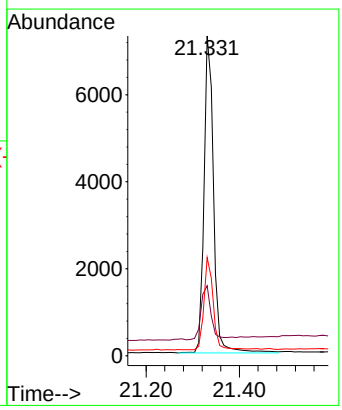


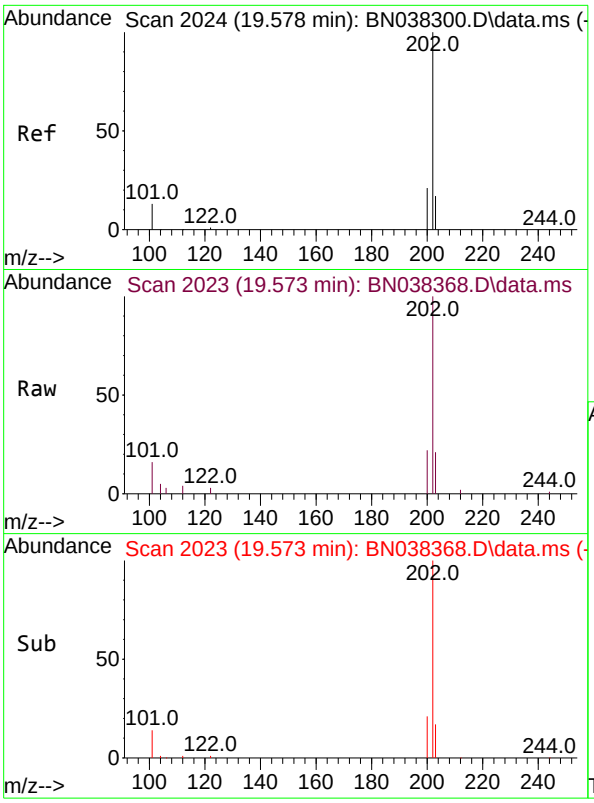


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:240 Resp: 10296

Ion	Ratio	Lower	Upper
240	100		
120	21.9	15.4	23.2
236	30.7	23.9	35.9



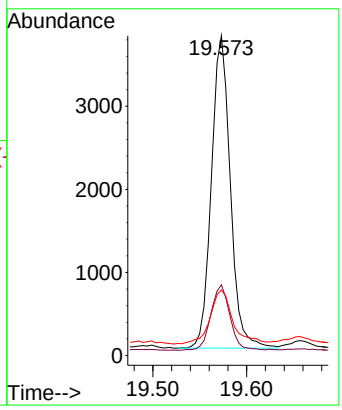


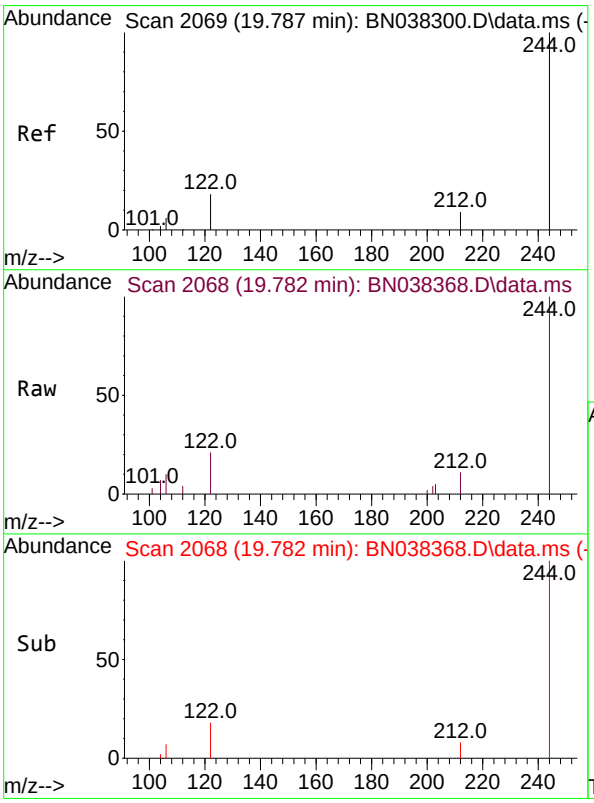
#30
Pyrene
Concen: 0.104 ng
RT: 19.573 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:202 Resp: 5266

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	20.7	14.2	21.2

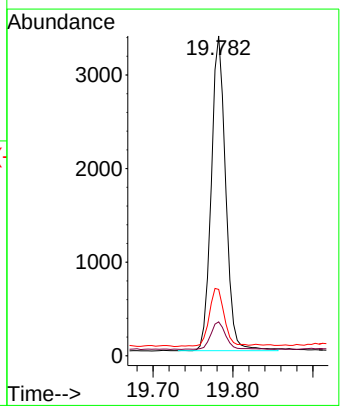


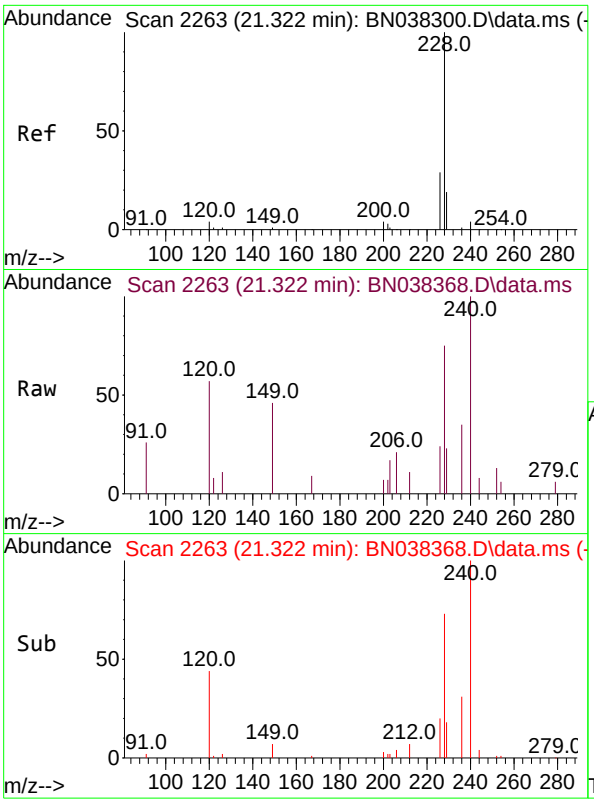


#31
Terphenyl-d14
Concen: 0.184 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:244 Resp: 4218

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	20.8	15.0	22.6



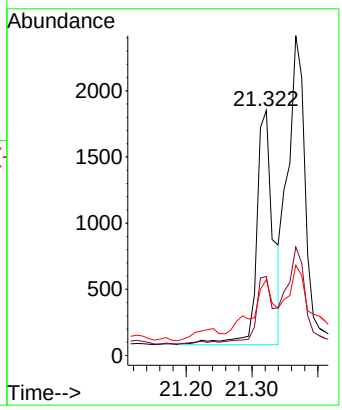


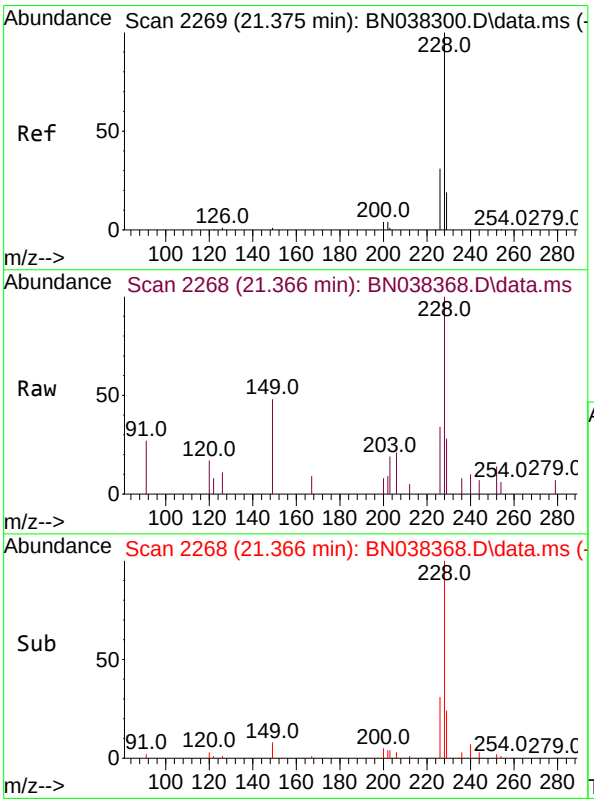
#32
Benzo(a)anthracene
Concen: 0.077 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:228 Resp: 3078

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.3	34.9
229	31.0	15.7	23.5#

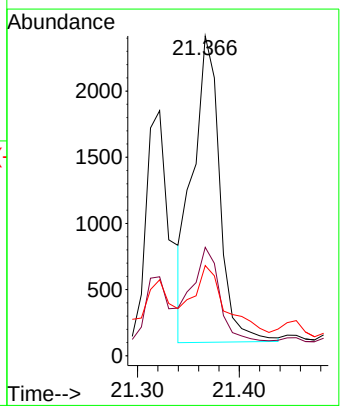


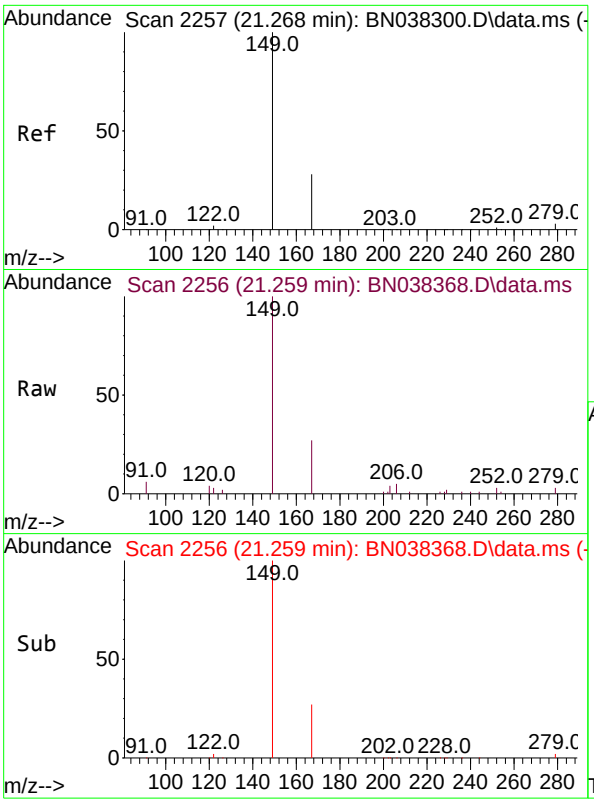


#33
Chrysene
Concen: 0.097 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:228 Resp: 4266

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.0	37.4
229	28.2	15.5	23.3#



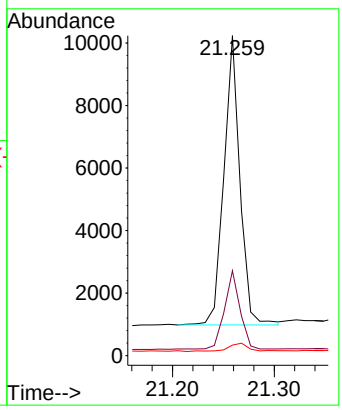


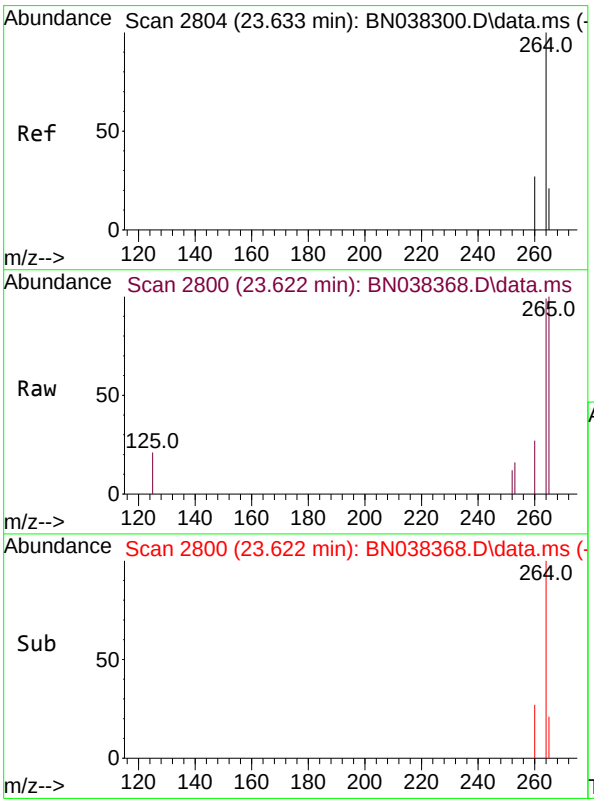
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.466 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:149 Resp: 10167

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.4	32.0
279	4.0	2.4	3.6#

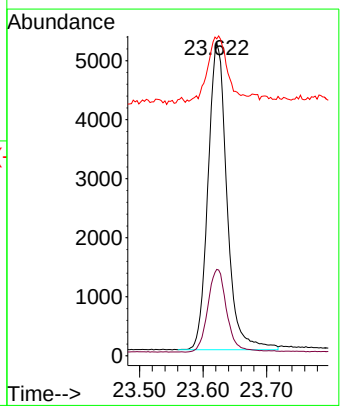


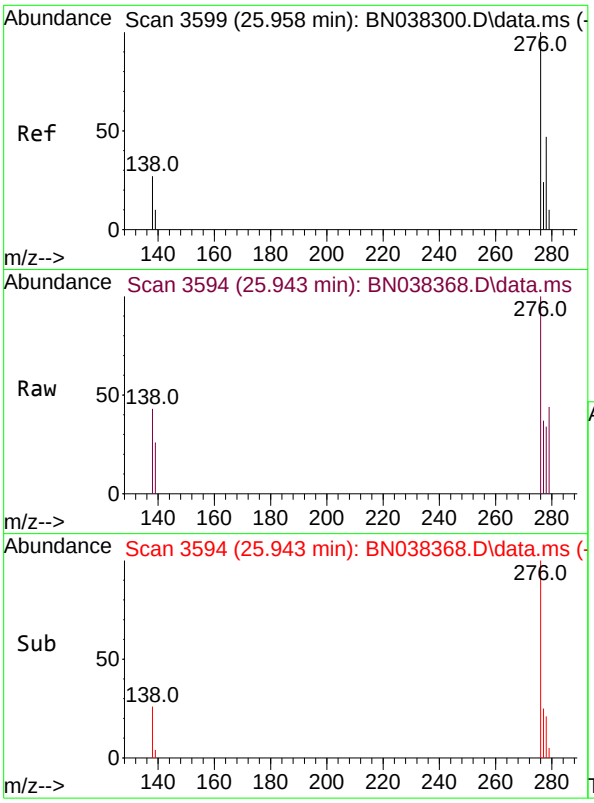


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:264 Resp: 10788

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.2	33.2
265	101.4	80.2	120.2



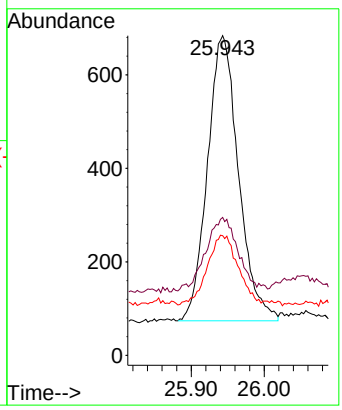


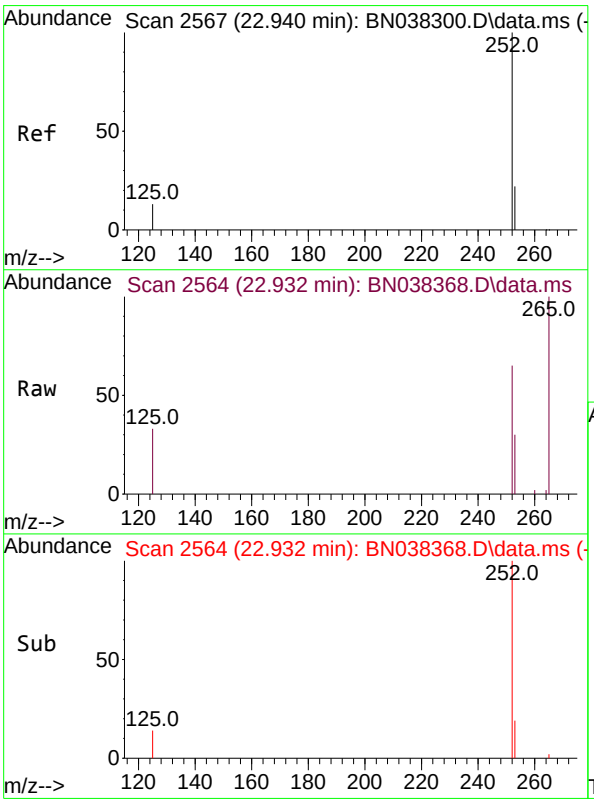
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.943 min Scan# 3
Delta R.T. -0.020 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:276 Resp: 1804

Ion	Ratio	Lower	Upper
276	100		
138	24.3	23.6	35.4
277	24.2	19.7	29.5

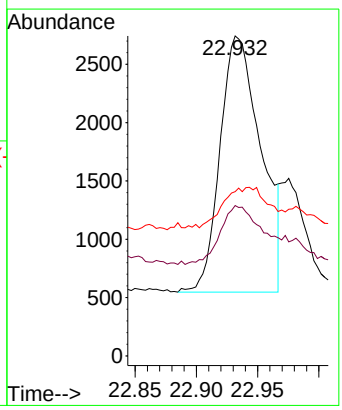


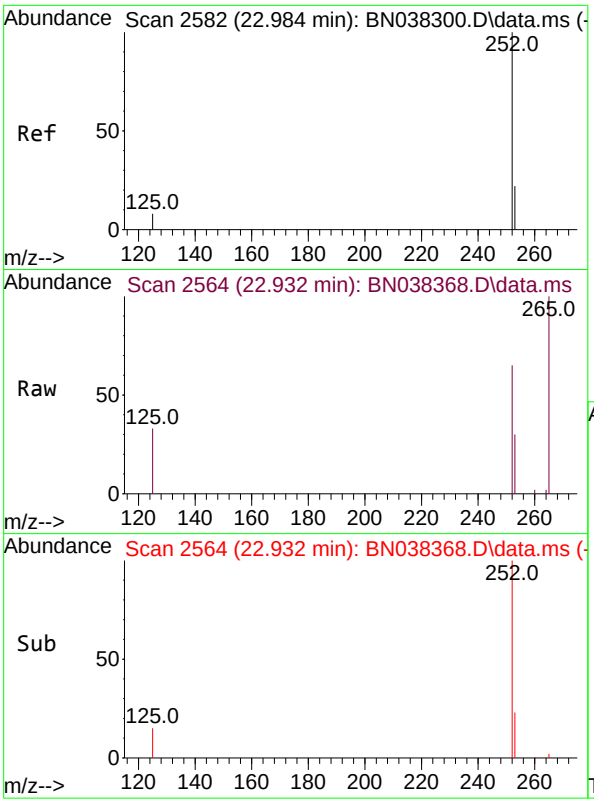


#37
Benzo(b)fluoranthene
Concen: 0.103 ng
RT: 22.932 min Scan# 2564
Delta R.T. -0.015 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:252 Resp: 5113

Ion	Ratio	Lower	Upper
252	100		
253	47.0	21.1	31.7#
125	51.3	16.4	24.6#



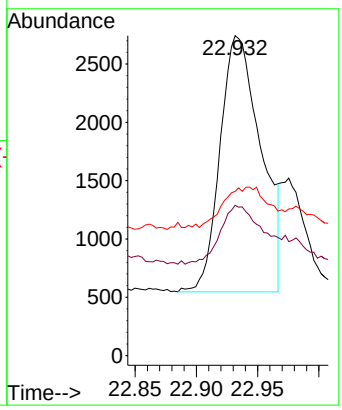


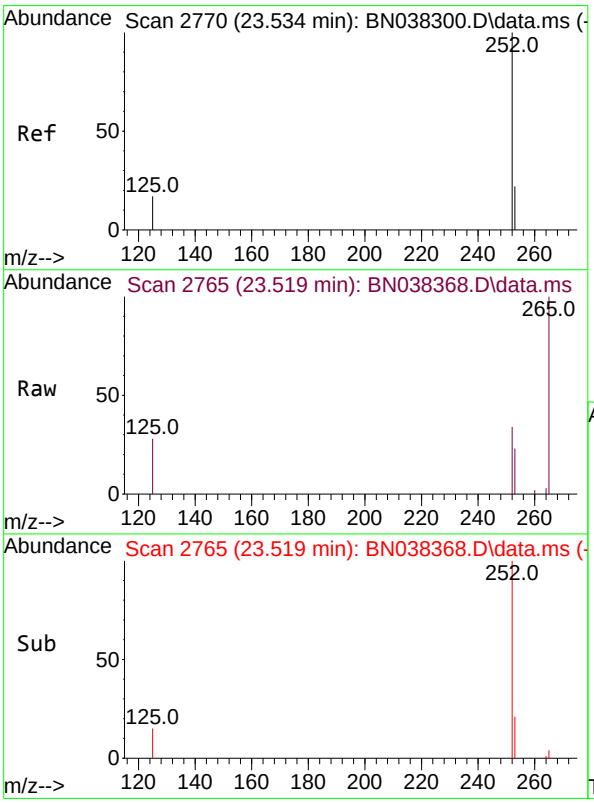
#38
Benzo(k)fluoranthene
Concen: 0.104 ng
RT: 22.932 min Scan# 2
Delta R.T. -0.058 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:252 Resp: 5113

Ion	Ratio	Lower	Upper
252	100		
253	47.0	21.4	32.0#
125	51.3	16.2	24.2#

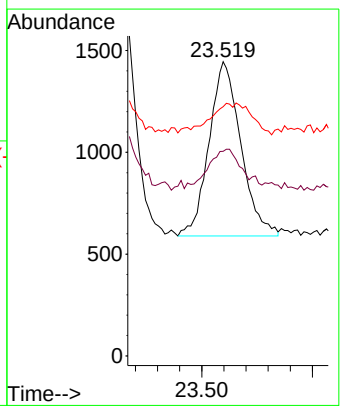


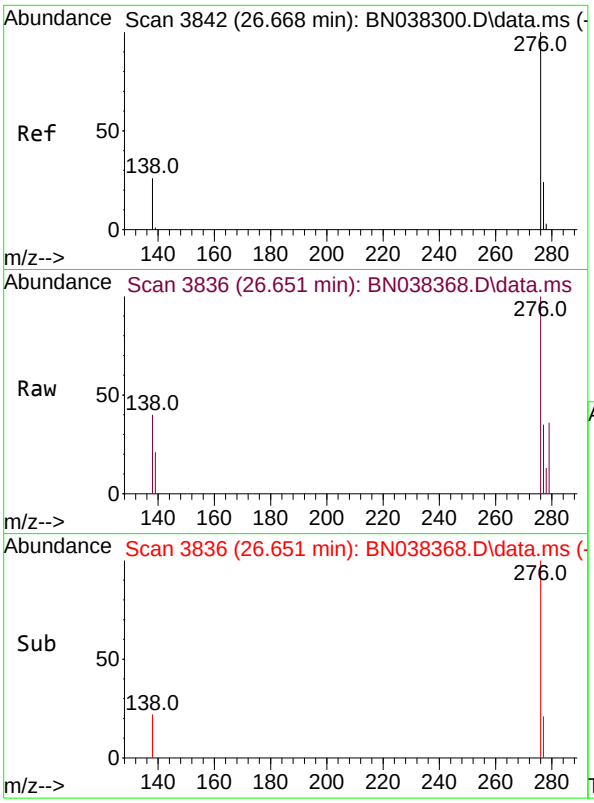


#39
Benzo(a)pyrene
Concen: 0.042 ng
RT: 23.519 min Scan# 2765
Delta R.T. -0.015 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Tgt Ion:252 Resp: 1714

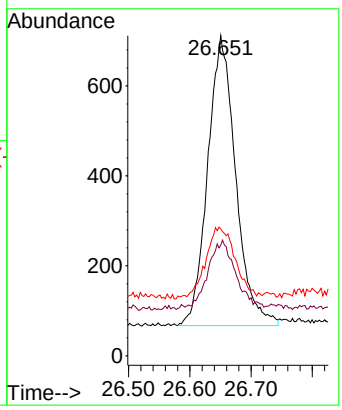
Ion	Ratio	Lower	Upper
252	100		
253	69.6	23.3	34.9#
125	84.7	22.4	33.6#





#41
Benzo(g,h,i)perylene
Concen: 0.042 ng
RT: 26.651 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN038368.D
Acq: 13 Dec 2025 02:27

Instrument :
BNA_N
ClientSampleId :
C0AN2

Tgt Ion:276 Resp: 2051

Ion	Ratio	Lower	Upper
276	100		
277	34.6	20.0	30.0#
138	39.6	21.8	32.6#