Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038376.D
Acq On : 13 Dec 2025 07:18
Operator : RC/JU
Sample : Q3839-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B02

Quant Time: Dec 14 22:21:06 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

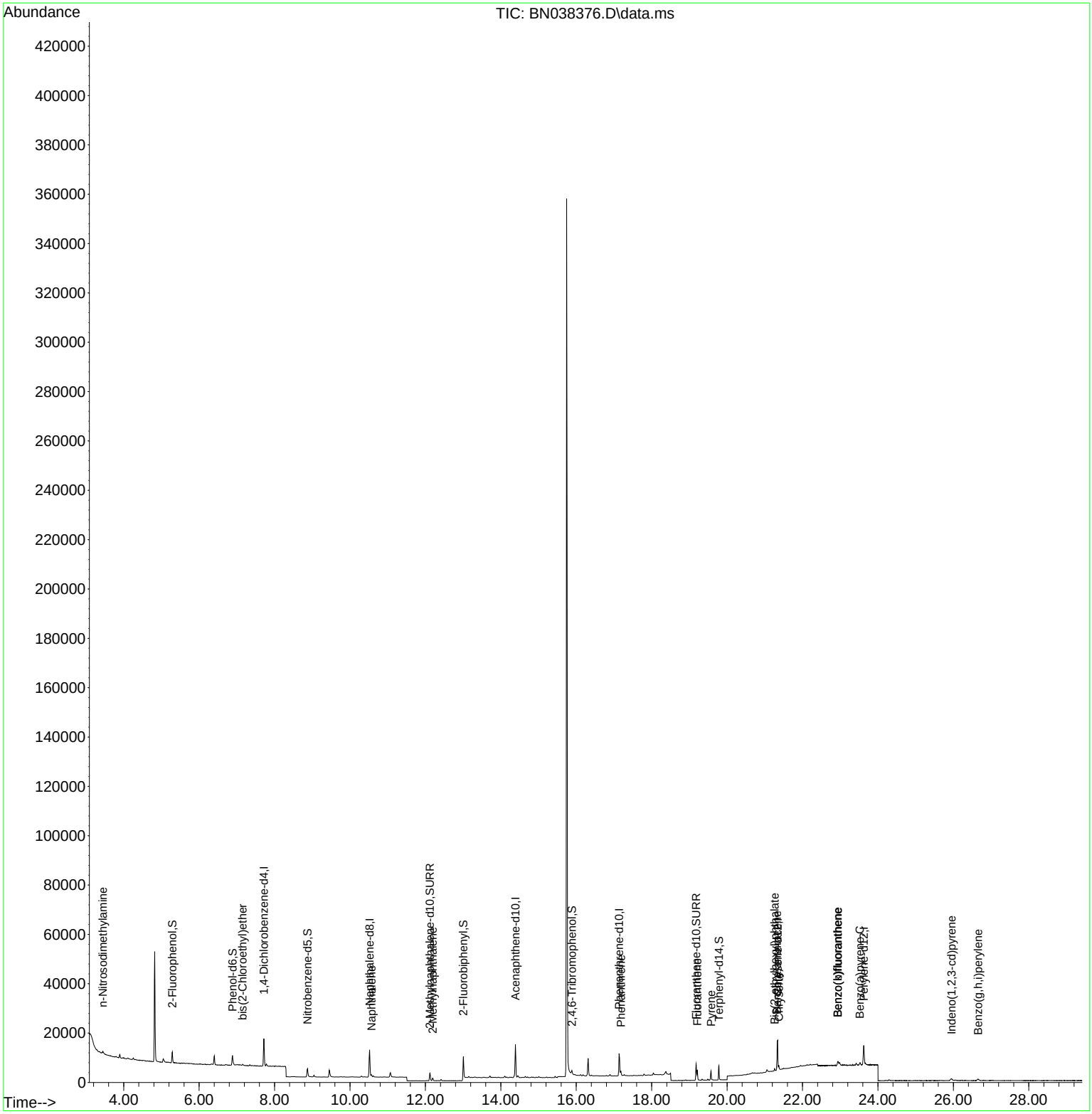
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5590	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14737	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	7474	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13471	0.400	ng	#-0.01
29) Chrysene-d12	21.339	240	10783	0.400	ng	# 0.00
35) Perylene-d12	23.624	264	11393	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	3582	0.257	ng	0.00
5) Phenol-d6	6.886	99	4097	0.248	ng	0.00
8) Nitrobenzene-d5	8.875	82	3146	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	4492	0.216	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	780	0.235	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	9648	0.268	ng	0.00
27) Fluoranthene-d10	19.178	212	7183	0.216	ng	0.00
31) Terphenyl-d14	19.782	244	5411	0.225	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.448	42	303	0.038	ng	# 1
6) bis(2-Chloroethyl)ether	7.153	93	631	0.039	ng	# 29
9) Naphthalene	10.573	128	1184	0.027	ng	# 81
12) 2-Methylnaphthalene	12.192	142	831	0.030	ng	# 90
25) Phenanthrene	17.185	178	1909	0.041	ng	97
28) Fluoranthene	19.210	202	3560	0.071	ng	98
30) Pyrene	19.573	202	3350	0.063	ng	98
32) Benzo(a)anthracene	21.321	228	1553	0.037	ng	# 91
33) Chrysene	21.375	228	1703	0.037	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.259	149	957	0.042	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.948	276	1290	0.021	ng	# 79
37) Benzo(b)fluoranthene	22.934	252	2257	0.043	ng	# 1
38) Benzo(k)fluoranthene	22.934	252	2257	0.043	ng	# 1
39) Benzo(a)pyrene	23.519	252	1403	0.033	ng	# 1
41) Benzo(g,h,i)perylene	26.653	276	1306	0.025	ng	# 61

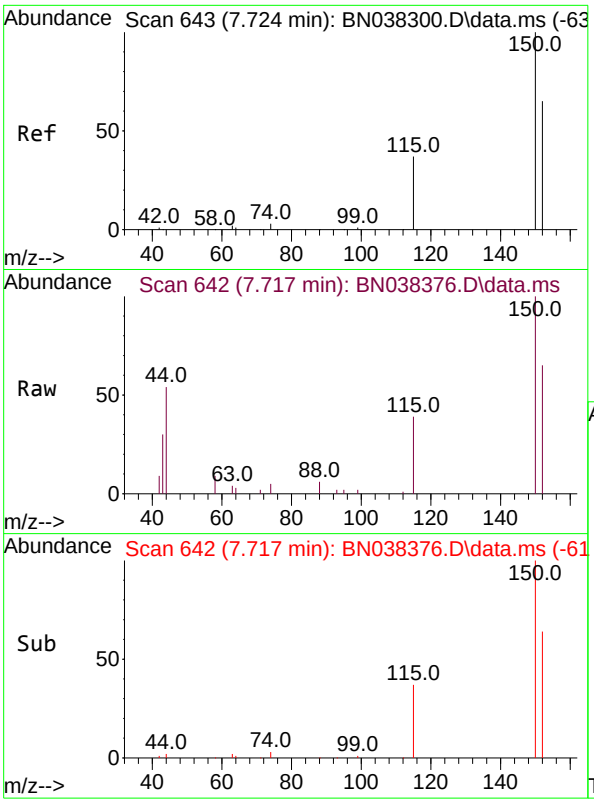
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038376.D
Acq On : 13 Dec 2025 07:18
Operator : RC/JU
Sample : Q3839-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B02

Quant Time: Dec 14 22:21:06 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



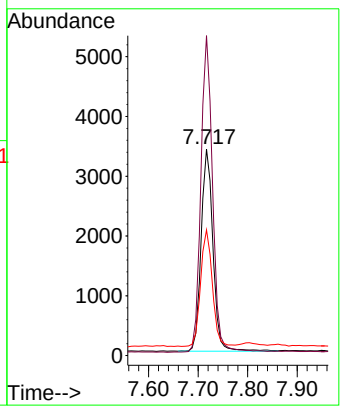


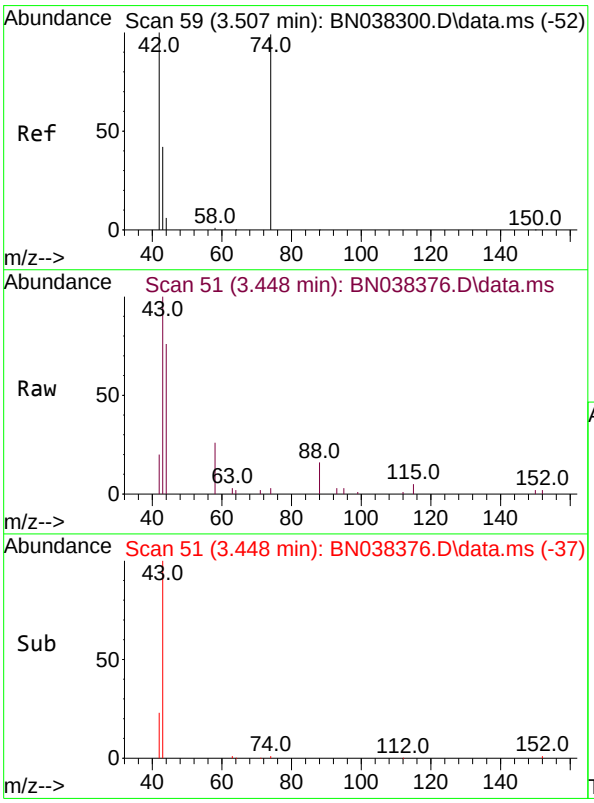
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:152 Resp: 5590

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.4	183.6
115	60.9	47.3	70.9

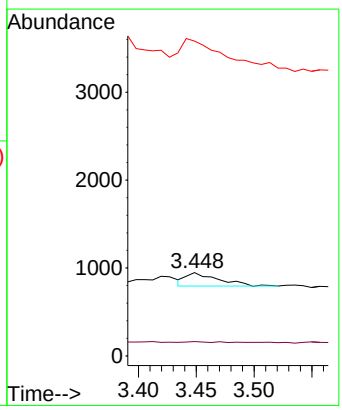


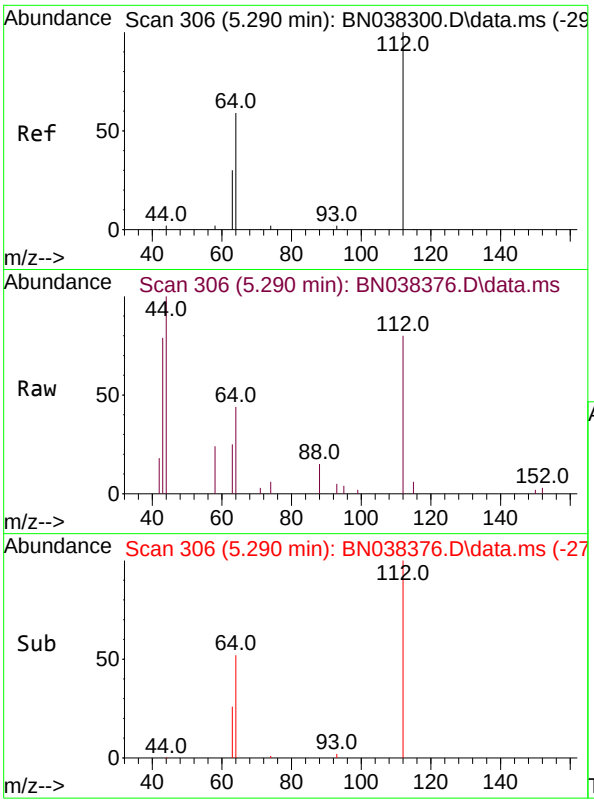


#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.448 min Scan# 51
Delta R.T. -0.051 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion: 42 Resp: 303

Ion	Ratio	Lower	Upper
42	100		
74	2.6	95.3	142.9#
44	443.6	7.9	11.9#



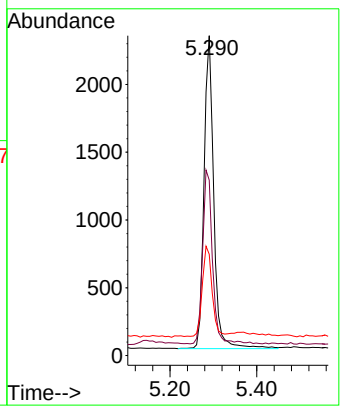


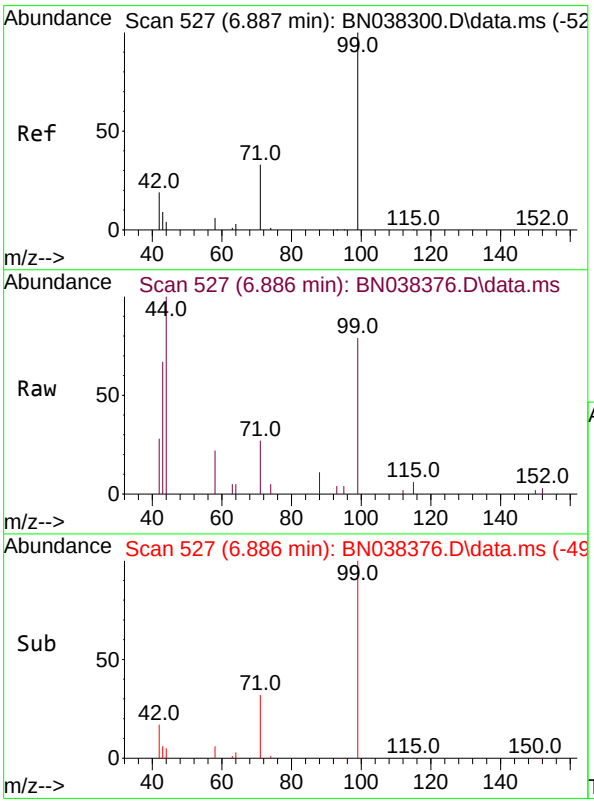
#4
2-Fluorophenol
Concen: 0.257 ng
RT: 5.290 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:112 Resp: 3582

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.4	66.6
63	28.6	23.4	35.0

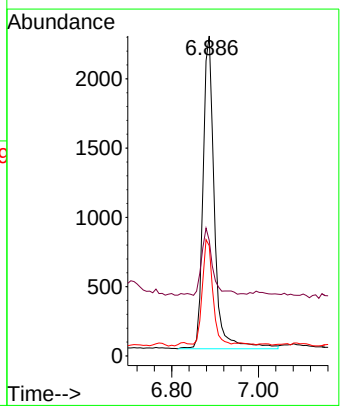


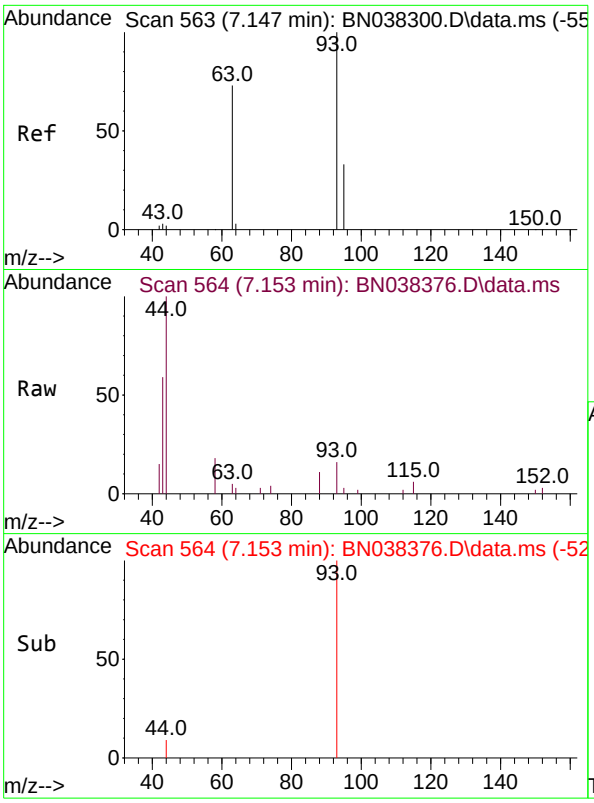


#5
Phenol-d6
Concen: 0.248 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion: 99 Resp: 4097

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.5	24.7
71	30.4	24.9	37.3



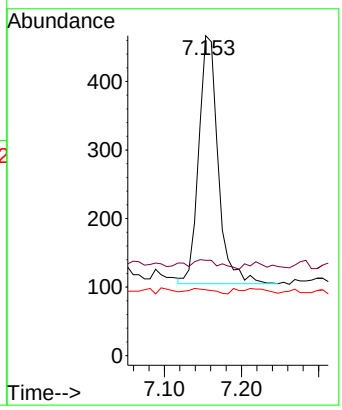


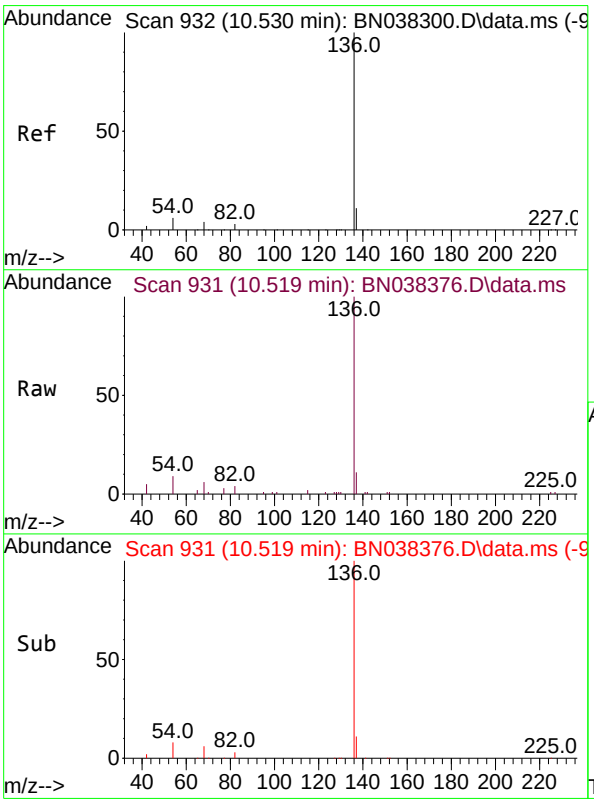
#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.153 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion: 93 Resp: 631

Ion	Ratio	Lower	Upper
93	100		
63	6.8	59.2	88.8#
95	3.3	25.2	37.8#

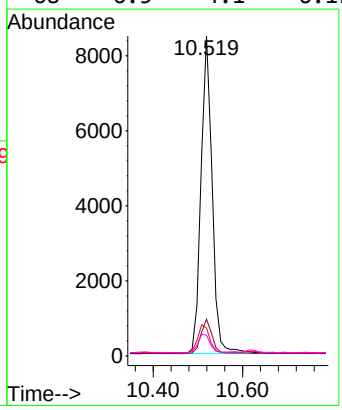


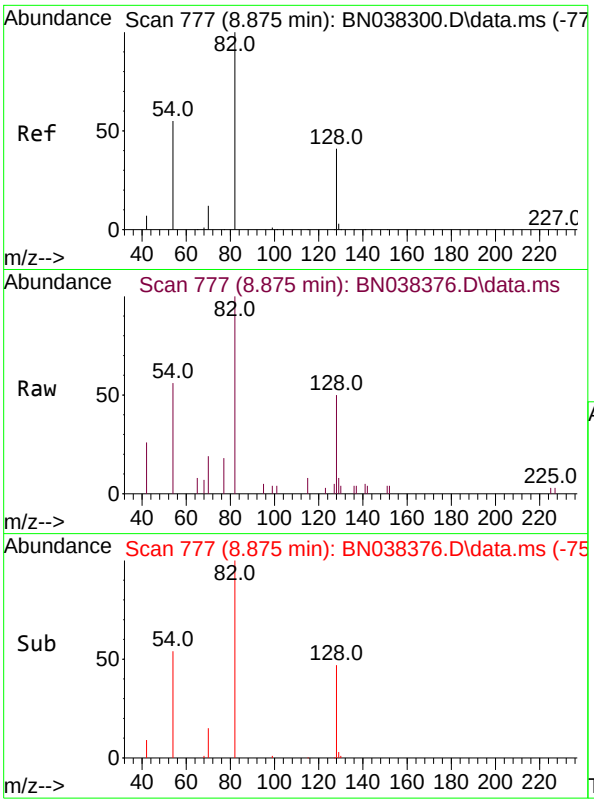


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:136 Resp: 14737

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.7	5.2	7.8#
68	6.5	4.1	6.1#



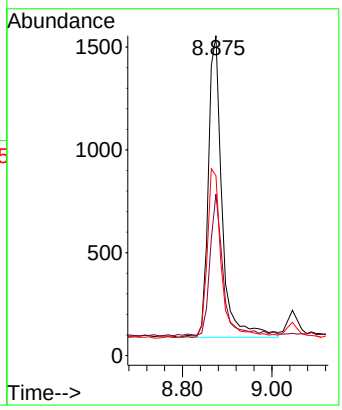


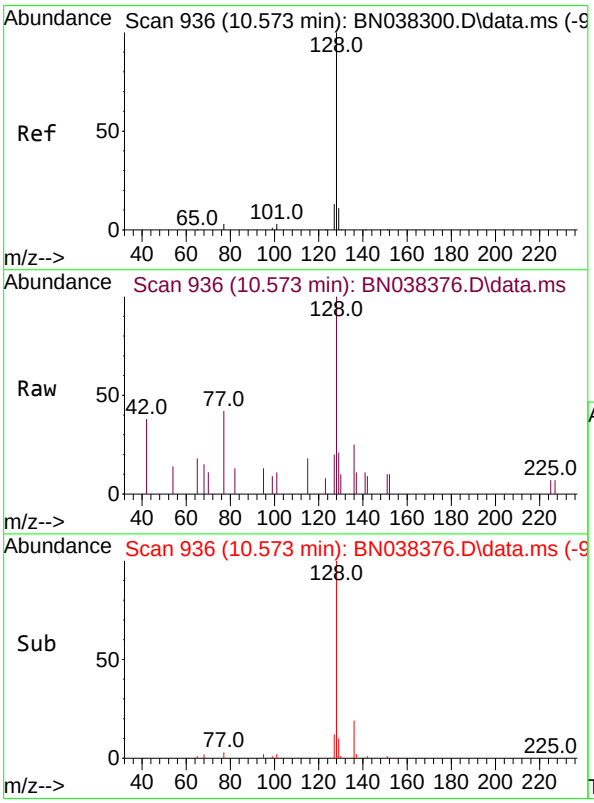
#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.875 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion: 82 Resp: 3146

Ion	Ratio	Lower	Upper
82	100		
128	50.4	34.0	51.0
54	56.2	44.4	66.6

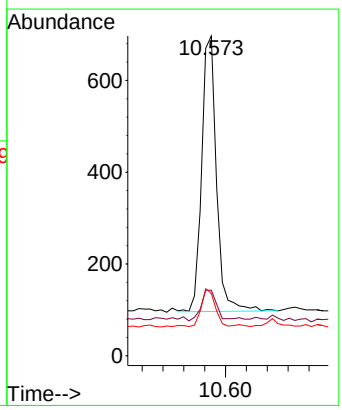


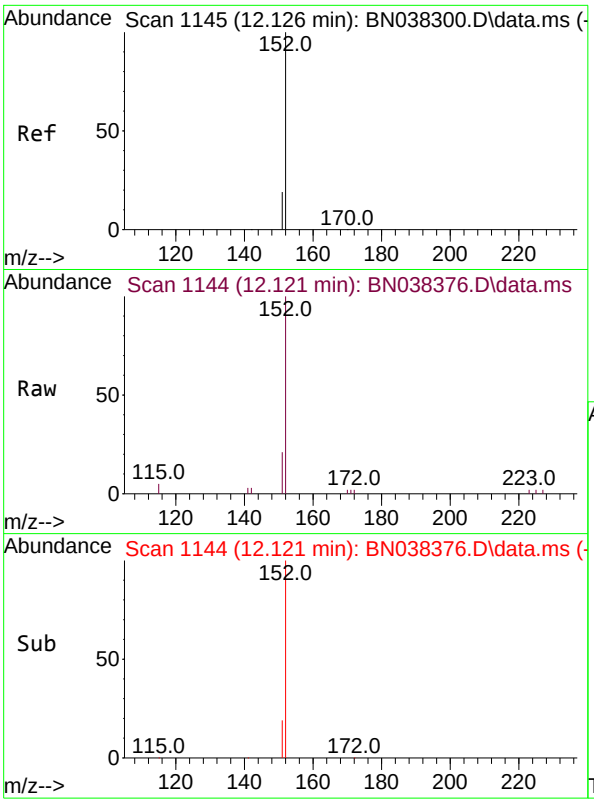


#9
Naphthalene
Concen: 0.027 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:128 Resp: 1184

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.1	13.7#
127	19.5	10.9	16.3#



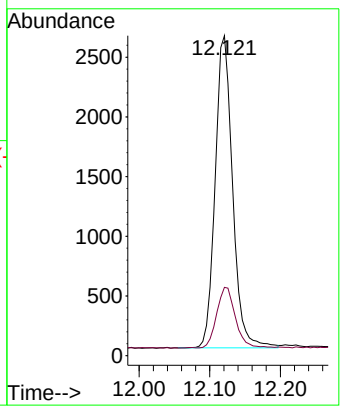


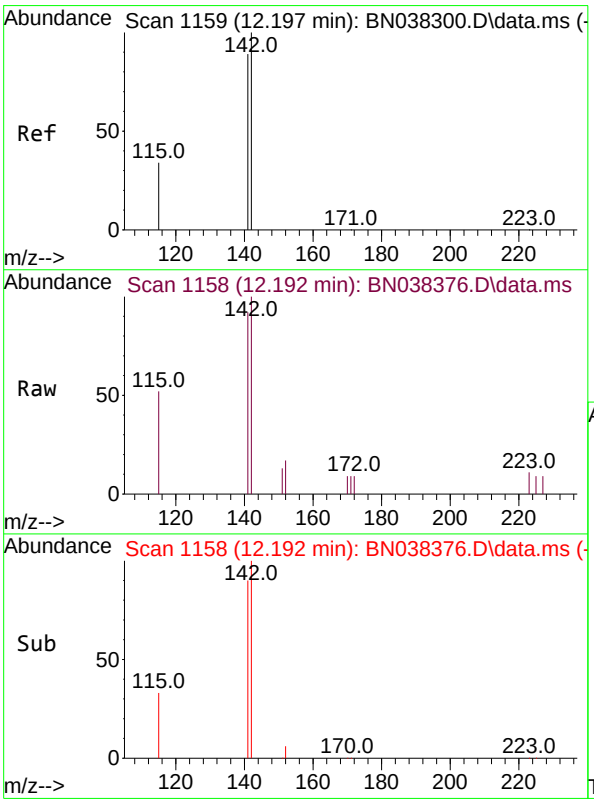
#11
2-Methylnaphthalene-d10
Concen: 0.216 ng
RT: 12.121 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:152 Resp: 4492

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6

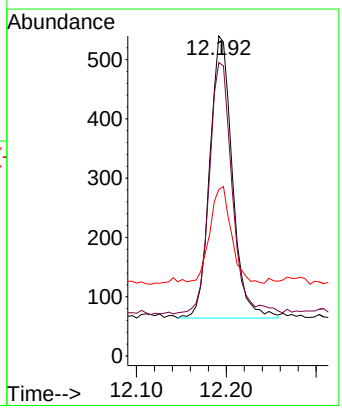


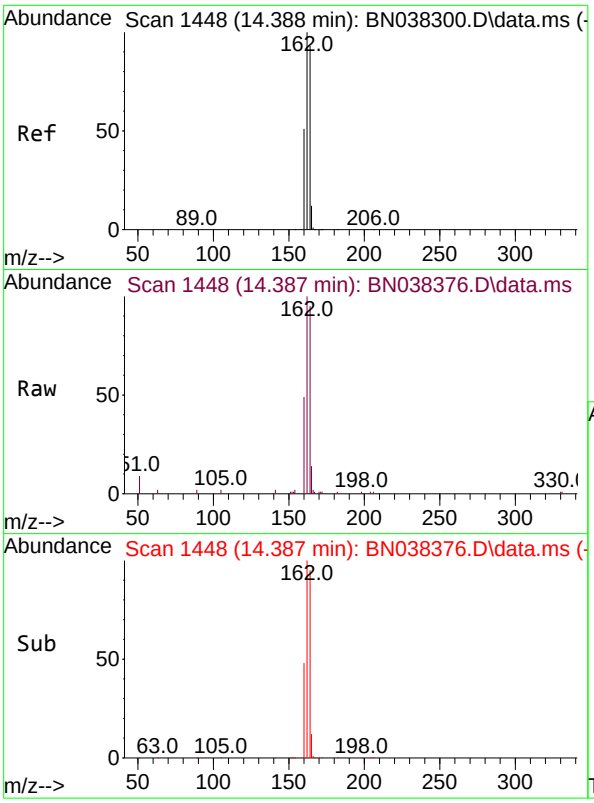


#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:142 Resp: 831

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.2
115	52.0	28.4	42.6#



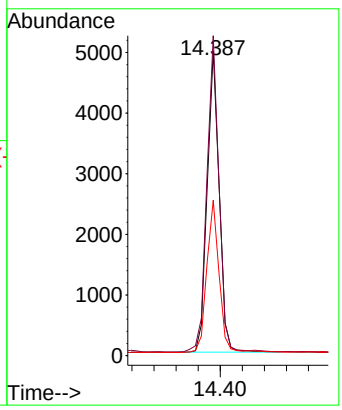


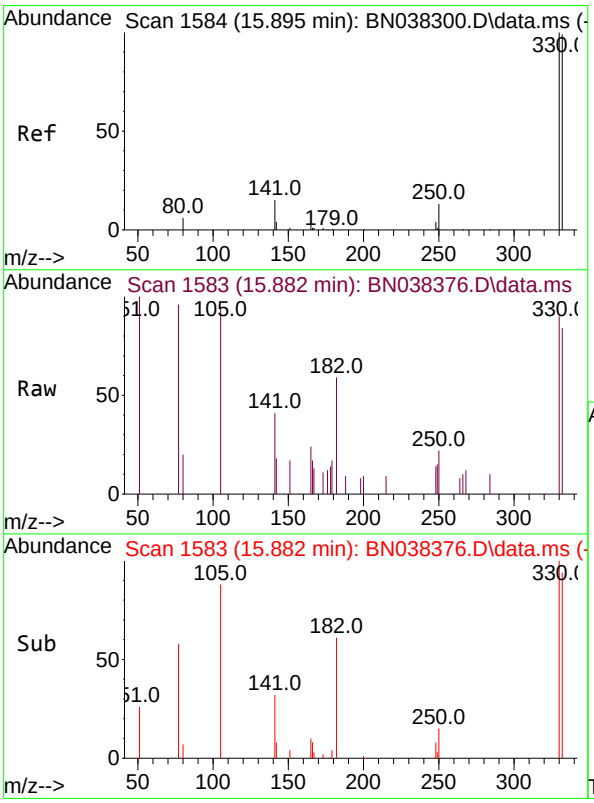
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:164 Resp: 7474

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.2	129.4
160	51.0	44.6	67.0

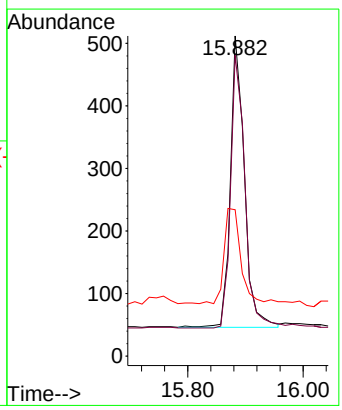


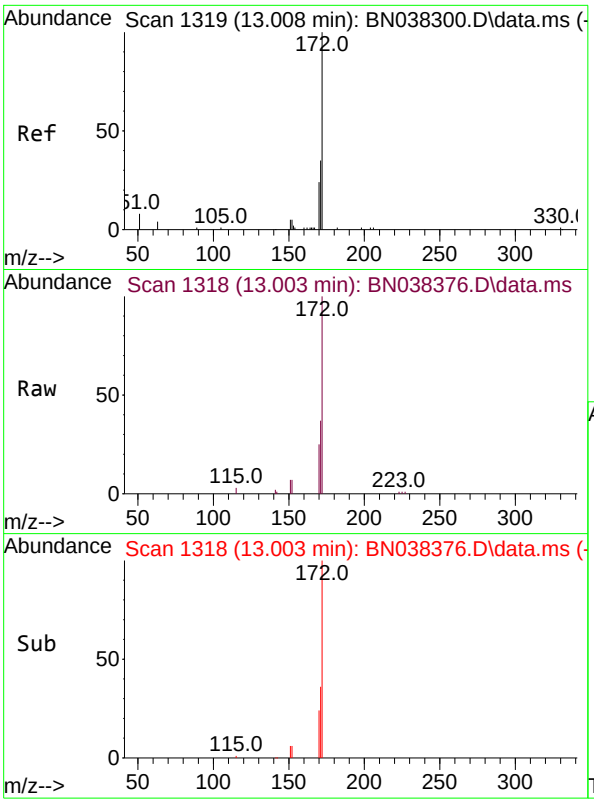


#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.013 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:330 Resp: 780

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.8	113.6
141	46.9	31.8	47.8



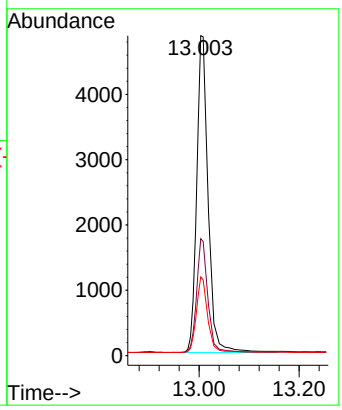


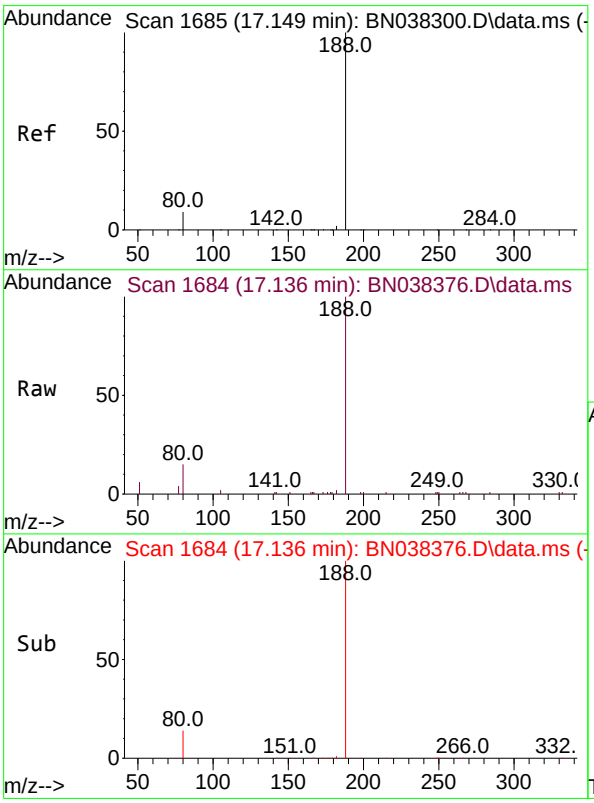
#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:172 Resp: 9648

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.6	19.3	28.9

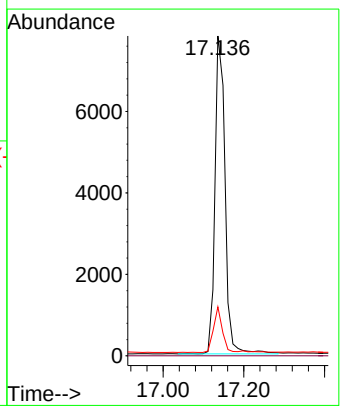


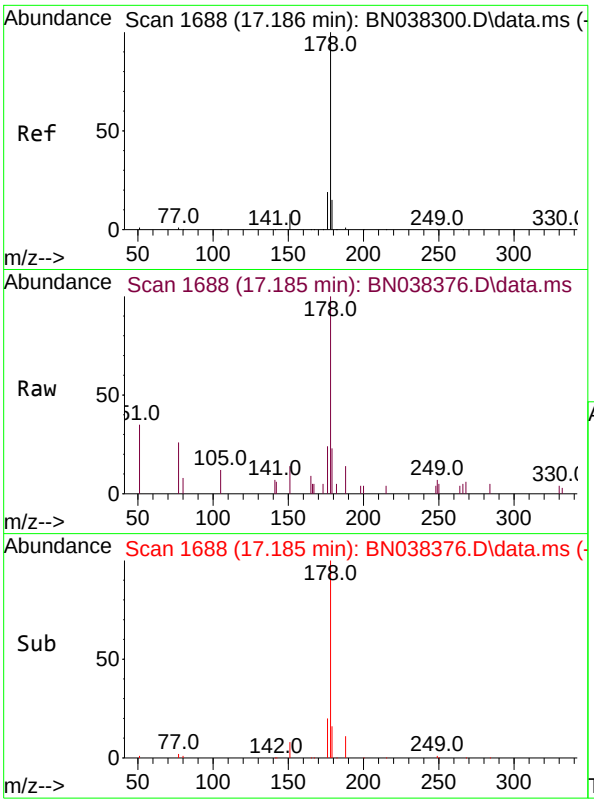


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:188 Resp: 13471

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.3	7.4	11.0#



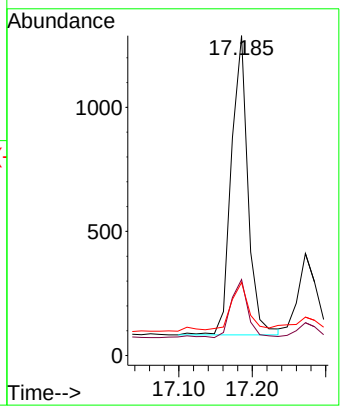


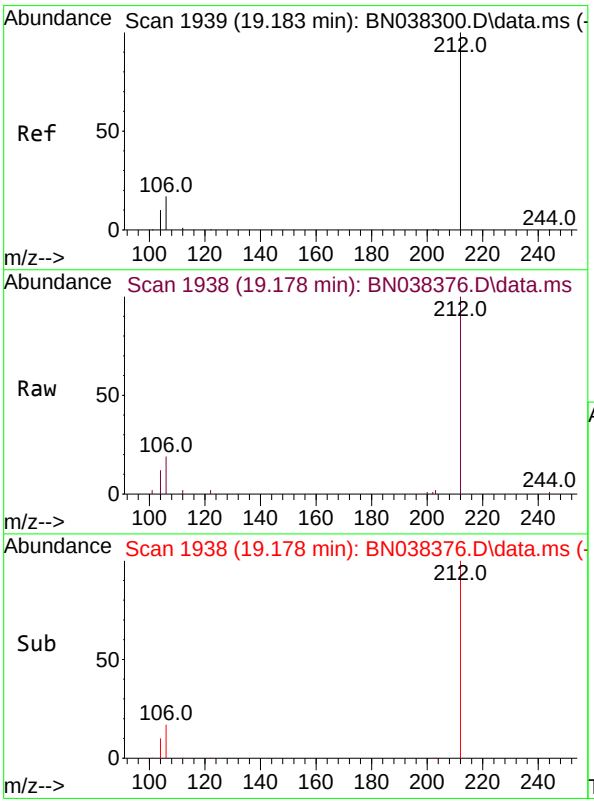
#25
Phenanthrene
Concen: 0.041 ng
RT: 17.185 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:178 Resp: 1909

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	17.0	12.2	18.2

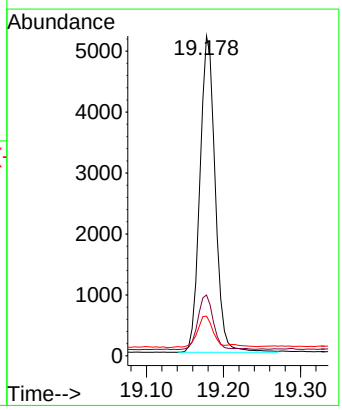


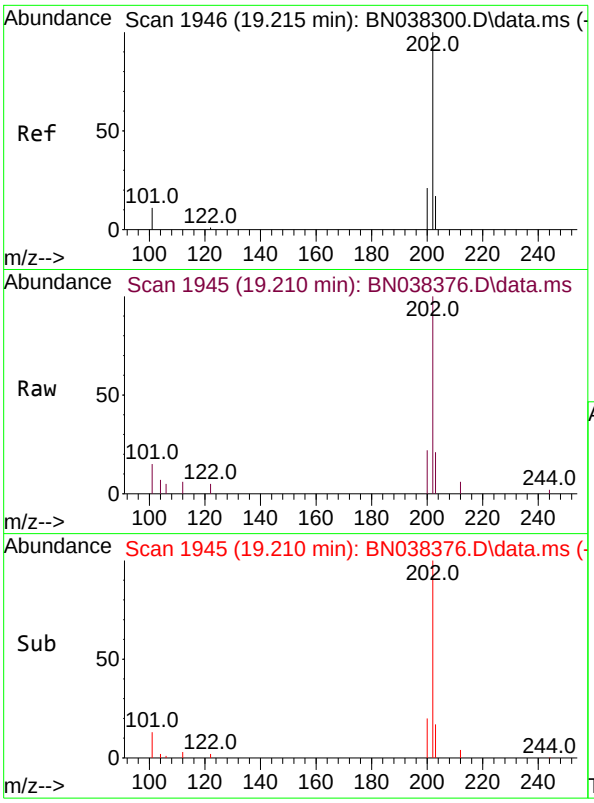


#27
Fluoranthene-d10
Concen: 0.216 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:212 Resp: 7183

Ion	Ratio	Lower	Upper
212	100		
106	17.4	13.7	20.5
104	10.2	7.8	11.8



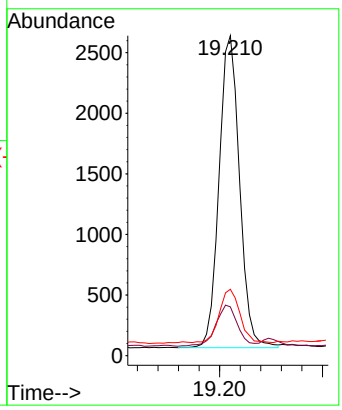


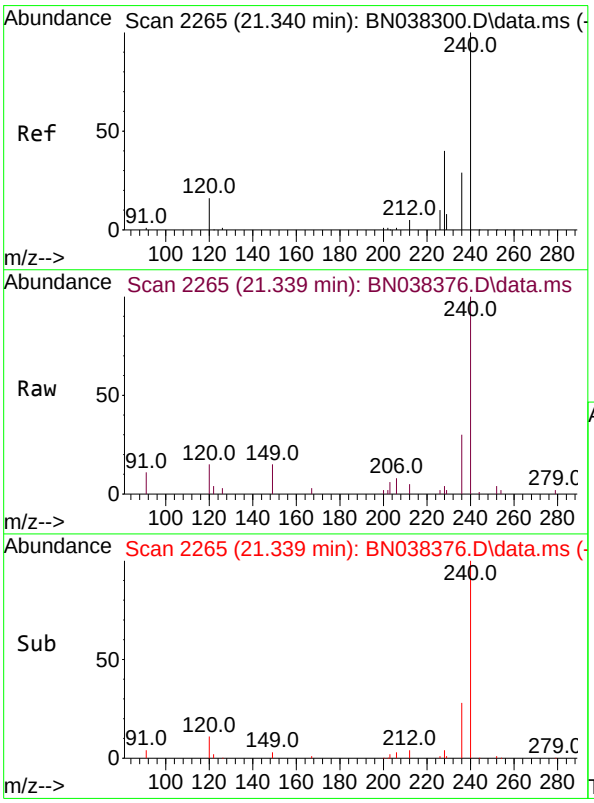
#28
Fluoranthene
Concen: 0.071 ng
RT: 19.210 min Scan# 19
Delta R.T. -0.010 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:202 Resp: 3560

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.6	14.4
203	17.0	13.5	20.3

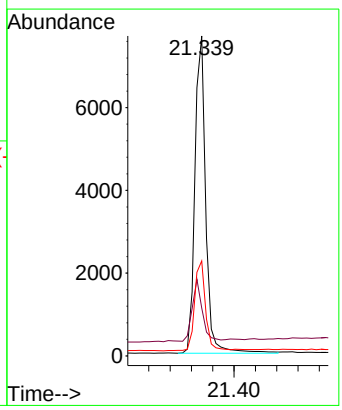


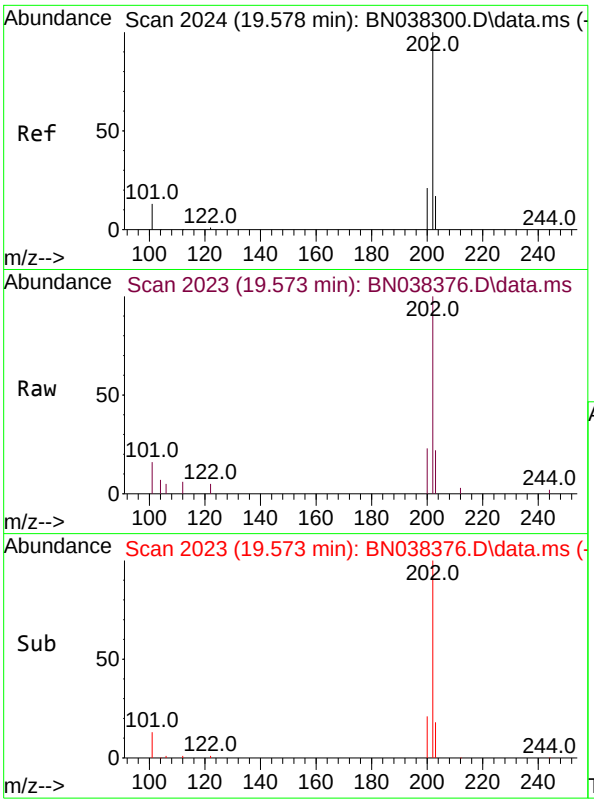


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:240 Resp: 10783

Ion	Ratio	Lower	Upper
240	100		
120	15.0	15.4	23.2#
236	29.7	23.9	35.9



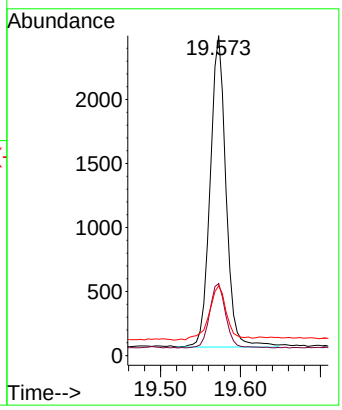


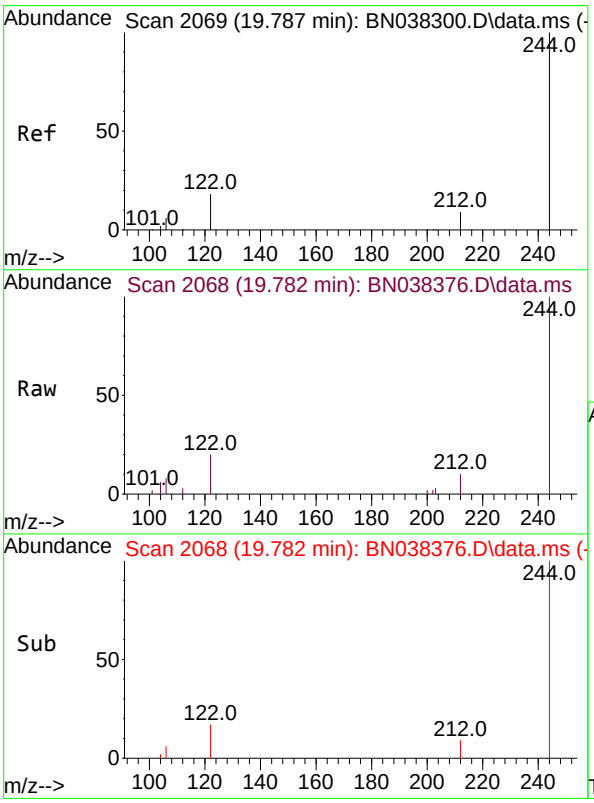
#30
Pyrene
Concen: 0.063 ng
RT: 19.573 min Scan# 20
Delta R.T. -0.010 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:202 Resp: 3350

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	19.7	14.2	21.2

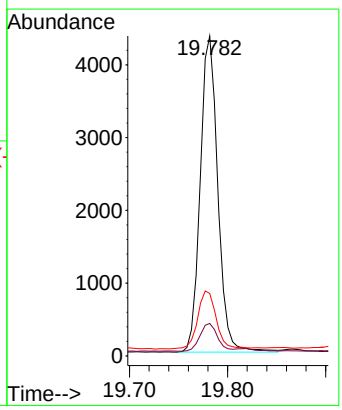


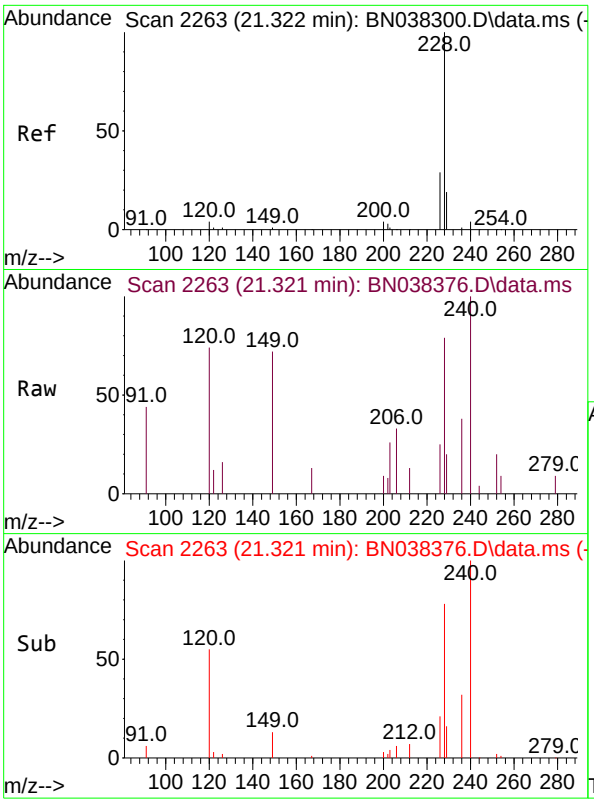


#31
Terphenyl-d14
Concen: 0.225 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.010 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:244 Resp: 5411

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.9	11.9
122	19.5	15.0	22.6



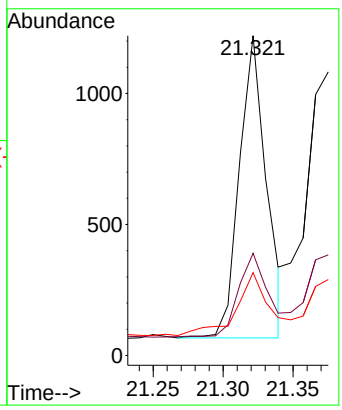


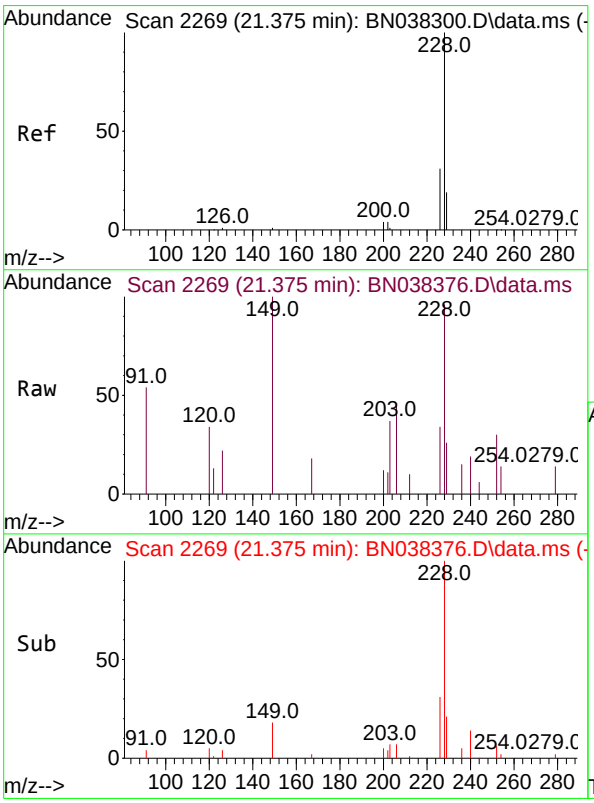
#32
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.321 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:228 Resp: 1553

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.3	34.9
229	25.9	15.7	23.5#

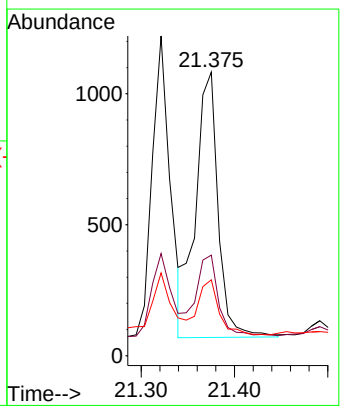


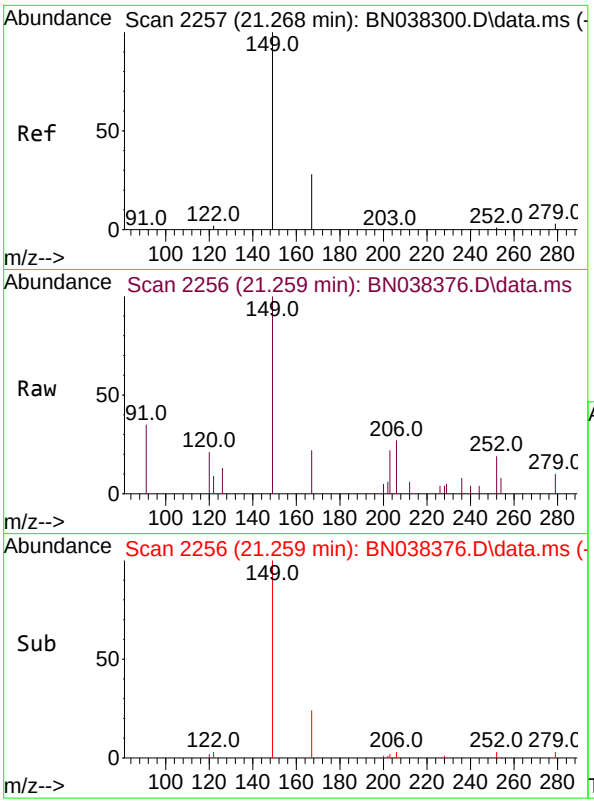


#33
Chrysene
Concen: 0.037 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:228 Resp: 1703

Ion	Ratio	Lower	Upper
228	100		
226	35.5	25.0	37.4
229	26.8	15.5	23.3#



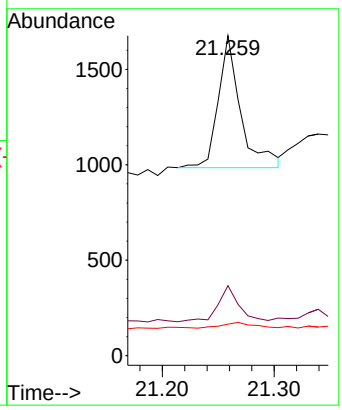


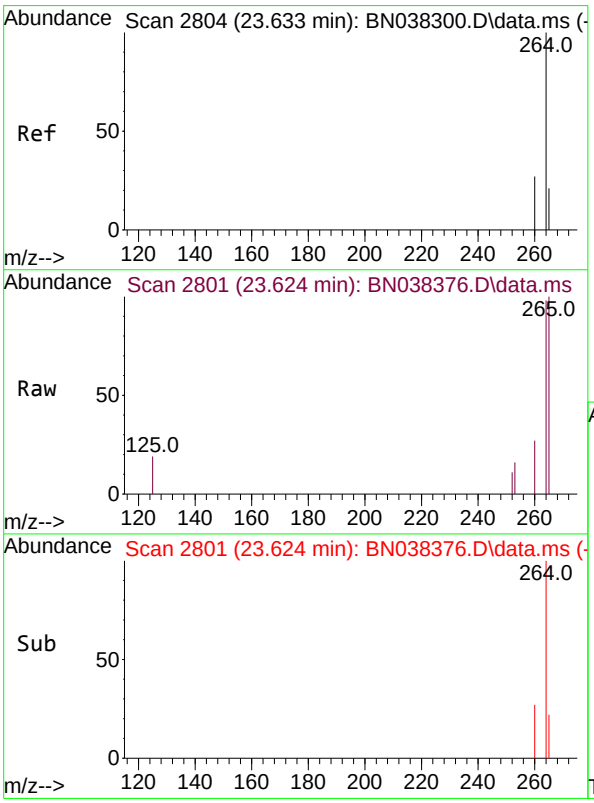
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:149 Resp: 957

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.0
279	6.1	2.4	3.6#

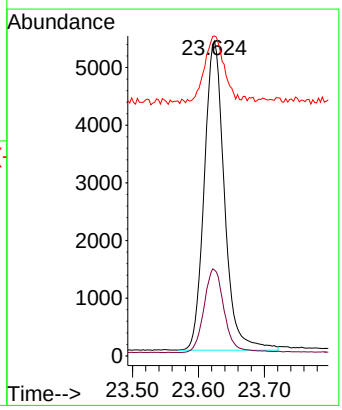


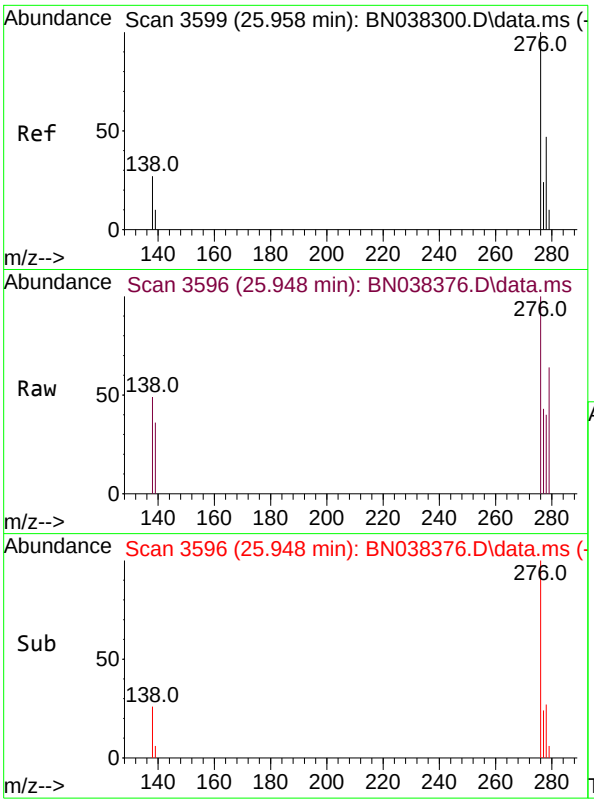


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.624 min Scan# 2801
Delta R.T. -0.009 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:264 Resp: 11393

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.2	33.2
265	101.6	80.2	120.2



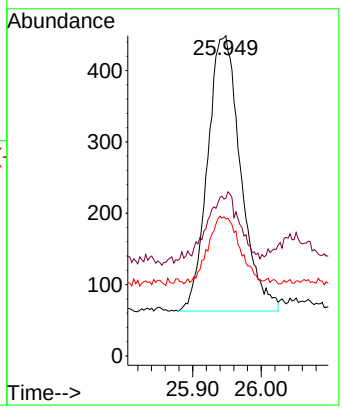


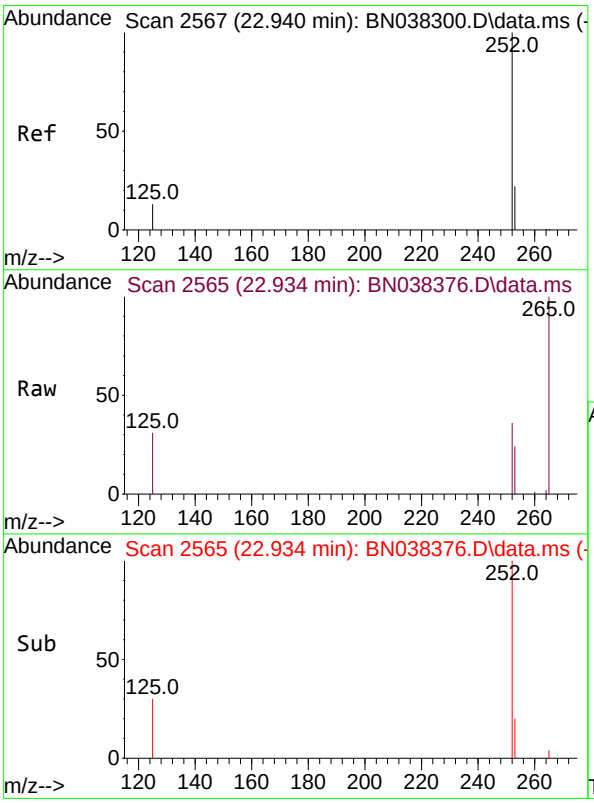
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.948 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:276 Resp: 1290

Ion	Ratio	Lower	Upper
276	100		
138	10.9	23.6	35.4#
277	22.8	19.7	29.5

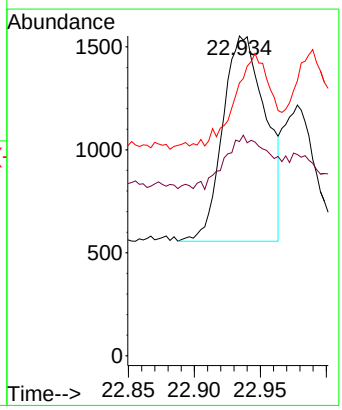


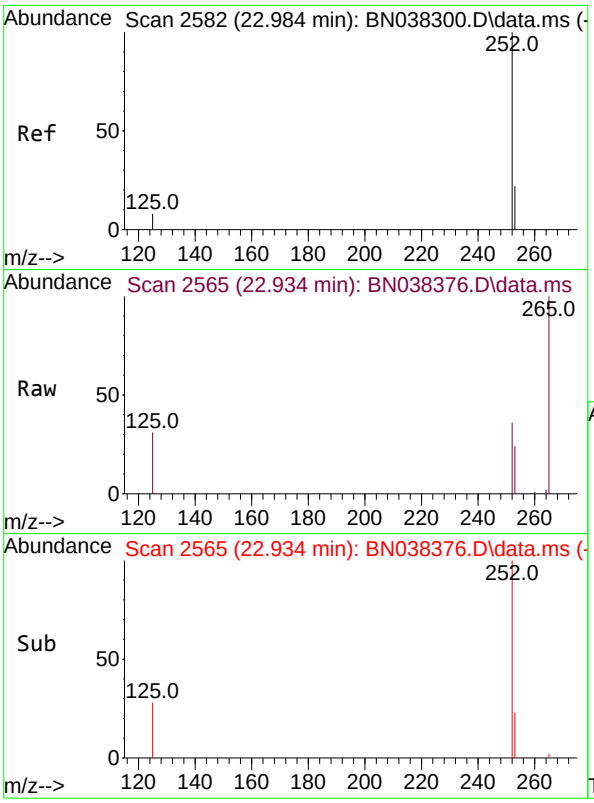


#37
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 22.934 min Scan# 2565
Delta R.T. -0.012 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:252 Resp: 2257

Ion	Ratio	Lower	Upper
252	100		
253	67.0	21.1	31.7#
125	85.3	16.4	24.6#



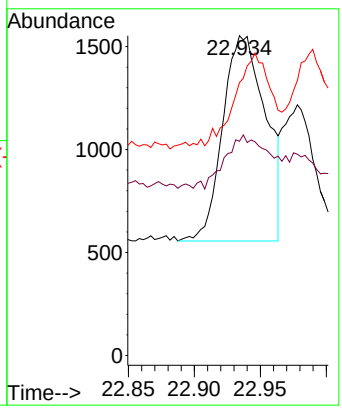


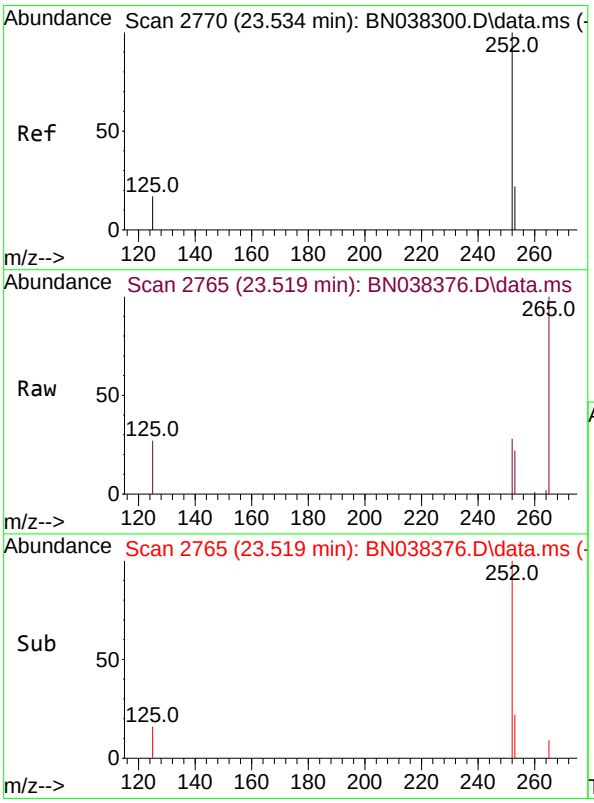
#38
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 22.934 min Scan# 2
Delta R.T. -0.056 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:252 Resp: 2257

Ion	Ratio	Lower	Upper
252	100		
253	67.0	21.4	32.0#
125	85.3	16.2	24.2#

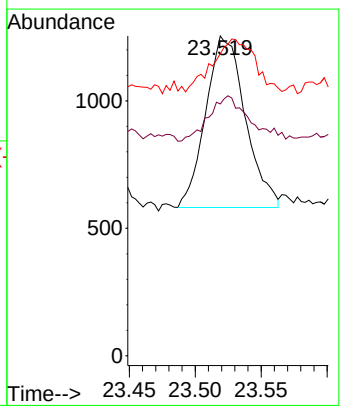


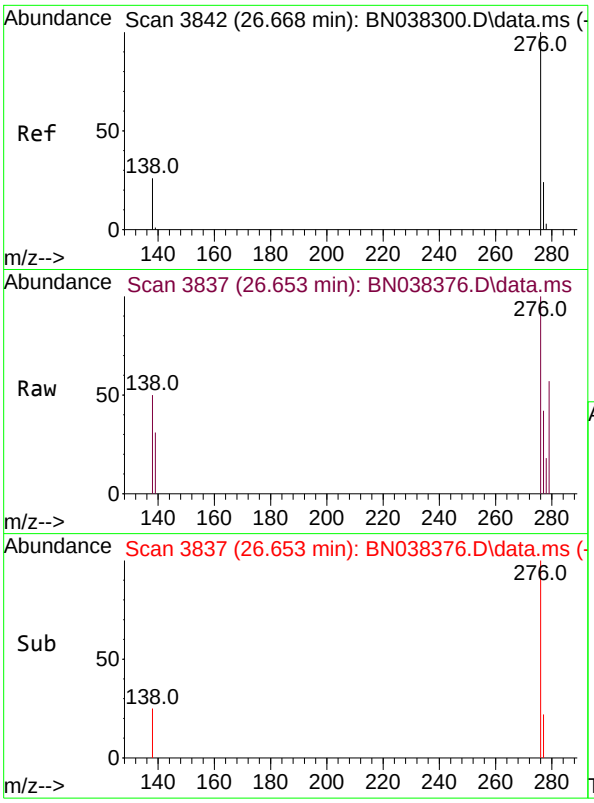


#39
Benzo(a)pyrene
Concen: 0.033 ng
RT: 23.519 min Scan# 2765
Delta R.T. -0.015 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Tgt Ion:252 Resp: 1403

Ion	Ratio	Lower	Upper
252	100		
253	78.7	23.3	34.9#
125	94.4	22.4	33.6#





#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.653 min Scan# 3
Delta R.T. -0.024 min
Lab File: BN038376.D
Acq: 13 Dec 2025 07:18

Instrument :
BNA_N
ClientSampleId :
C0B02

Tgt Ion:276 Resp: 1306

Ion	Ratio	Lower	Upper
276	100		
277	41.6	20.0	30.0#
138	50.0	21.8	32.6#