Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038328.D
Acq On : 11 Dec 2025 21:28
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 12 00:11:44 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	7.724	152	5826	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	16087	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	8512	0.400	ng		-0.01
19) Phenanthrene-d10	17.149	188	15819	0.400	ng		0.00
29) Chrysene-d12	21.340	240	12672	0.400	ng		0.00
35) Perylene-d12	23.633	264	12482	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	6062	0.418	ng		0.00
5) Phenol-d6	6.887	99	7255	0.421	ng		0.00
8) Nitrobenzene-d5	8.875	82	5356	0.395	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	9169	0.404	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	1380	0.365	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	15656	0.382	ng		0.00
27) Fluoranthene-d10	19.187	212	15753	0.403	ng		0.00
31) Terphenyl-d14	19.787	244	11041	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2783	0.417	ng		98
3) n-Nitrosodimethylamine	3.507	42	3319	0.396	ng		100
6) bis(2-Chloroethyl)ether	7.147	93	7217	0.428	ng		98
9) Naphthalene	10.573	128	19195	0.404	ng		99
10) Hexachlorobutadiene	10.872	225	3379	0.400	ng	#	99
12) 2-Methylnaphthalene	12.197	142	12142	0.402	ng		99
16) Acenaphthylene	14.110	152	16152	0.386	ng		100
17) Acenaphthene	14.452	154	11106	0.381	ng		98
18) Fluorene	15.446	166	14575	0.389	ng		100
20) 4,6-Dinitro-2-methylph...	15.547	198	166	0.064	ng	#	1
21) 4-Bromophenyl-phenylether	16.342	248	4461	0.380	ng		97
22) Hexachlorobenzene	16.453	284	5244	0.372	ng		98
23) Atrazine	16.615	200	3104	0.388	ng		97
25) Phenanthrene	17.186	178	21381	0.388	ng		100
26) Anthracene	17.285	178	18282	0.385	ng		99
28) Fluoranthene	19.215	202	23353	0.399	ng		100
30) Pyrene	19.578	202	23701	0.380	ng		100
32) Benzo(a)anthracene	21.331	228	18963	0.387	ng		97
33) Chrysene	21.375	228	21385	0.397	ng		100
34) Bis(2-ethylhexyl)phtha...	21.268	149	10498	0.391	ng		100
36) Indeno(1,2,3-cd)pyrene	25.958	276	26055	0.393	ng		99
37) Benzo(b)fluoranthene	22.940	252	22203	0.387	ng		99
38) Benzo(k)fluoranthene	22.987	252	22351	0.391	ng		99
39) Benzo(a)pyrene	23.534	252	18366	0.391	ng		99
40) Dibenzo(a,h)anthracene	25.978	278	20173	0.395	ng		100
41) Benzo(g,h,i)perylene	26.668	276	21804	0.382	ng		99

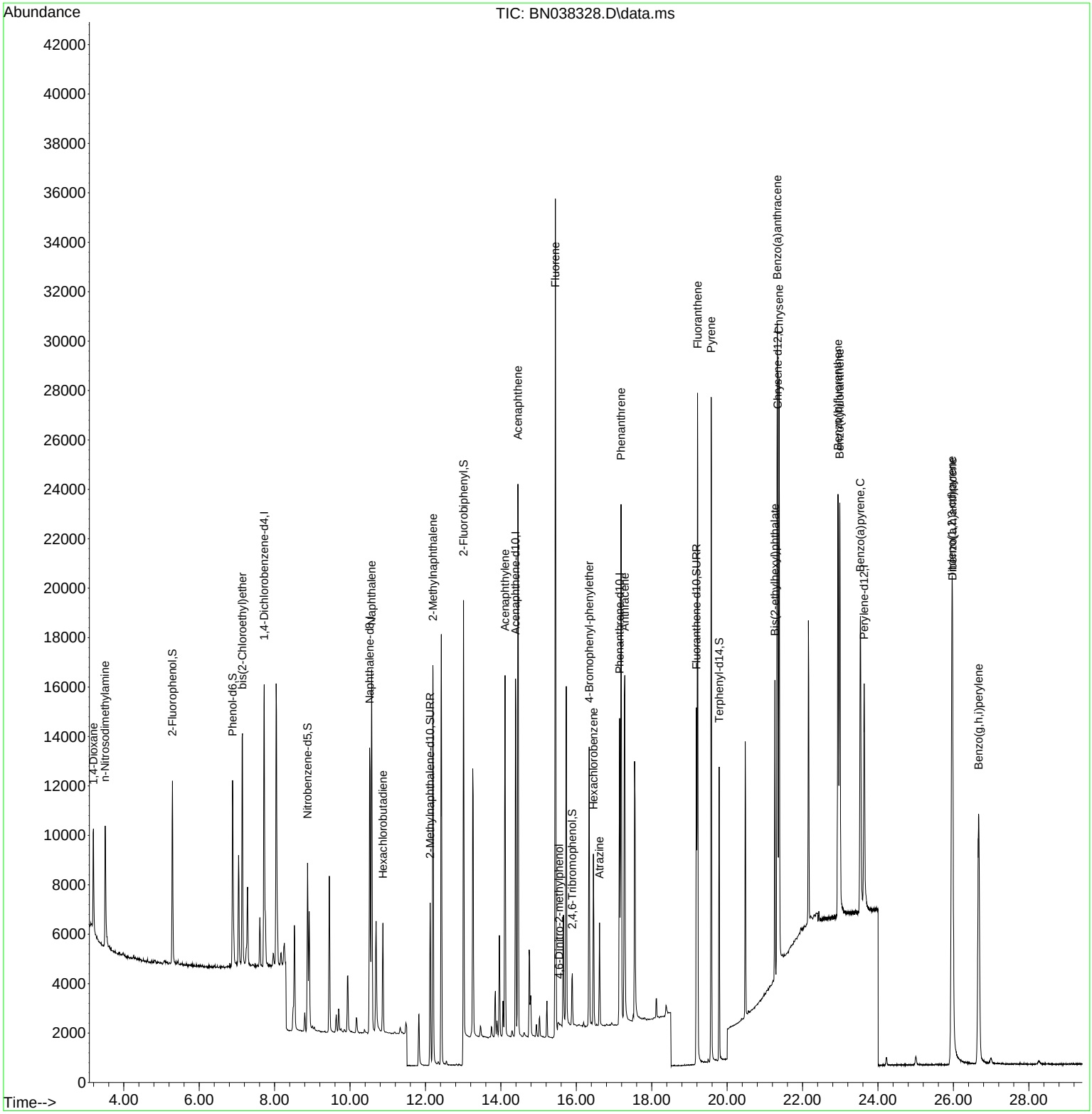
(#) = qualifier out of range (m) = manual integration (+) = signals summed

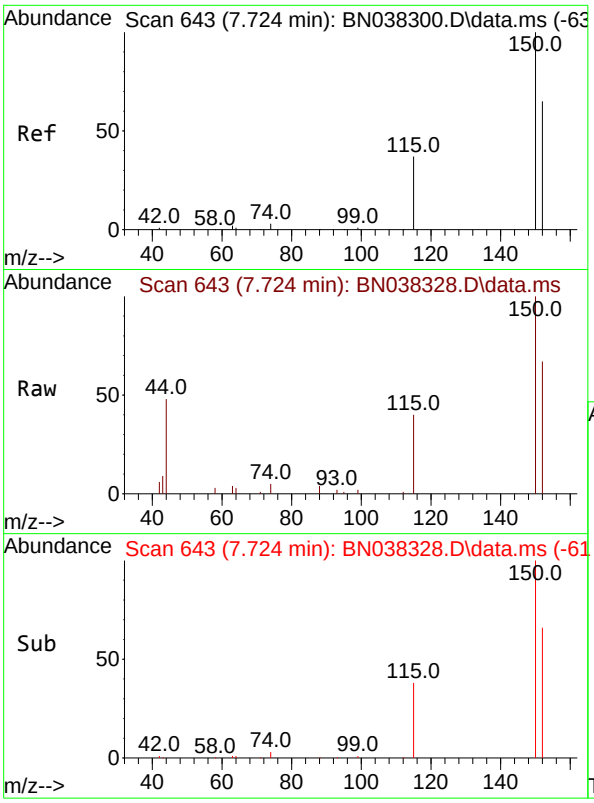
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038328.D
Acq On : 11 Dec 2025 21:28
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 12 00:11:44 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



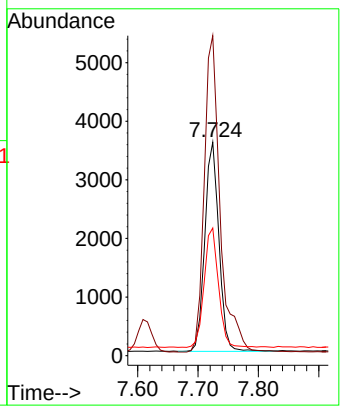


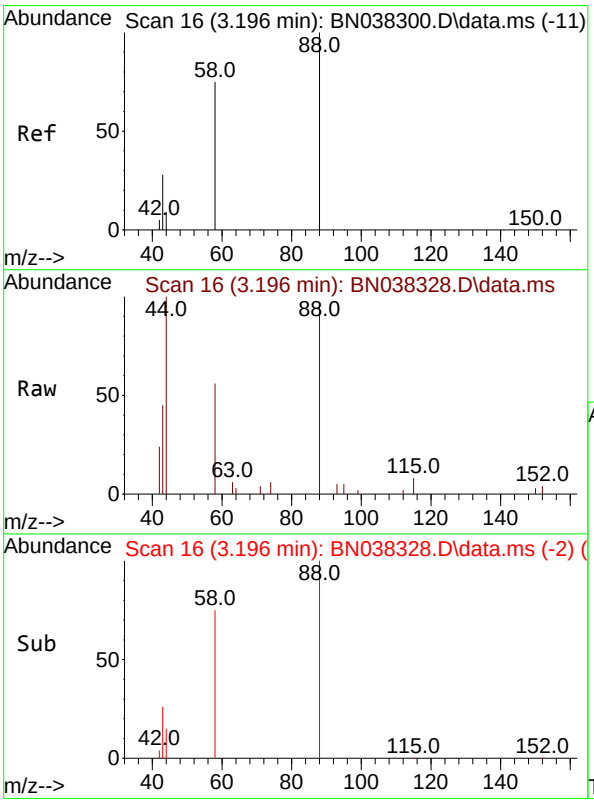
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5826

Ion	Ratio	Lower	Upper
152	100		
150	149.9	122.4	183.6
115	59.8	47.3	70.9

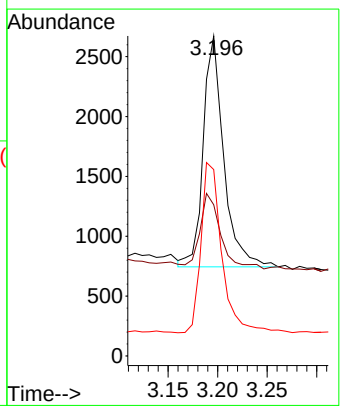


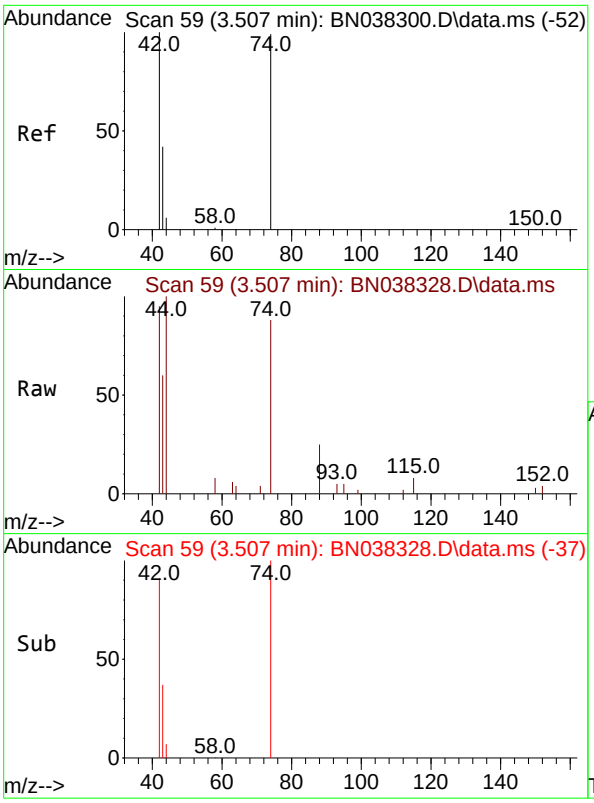


#2
1,4-Dioxane
Concen: 0.417 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion: 88 Resp: 2783

Ion	Ratio	Lower	Upper
88	100		
43	32.9	24.9	37.3
58	75.0	61.4	92.0



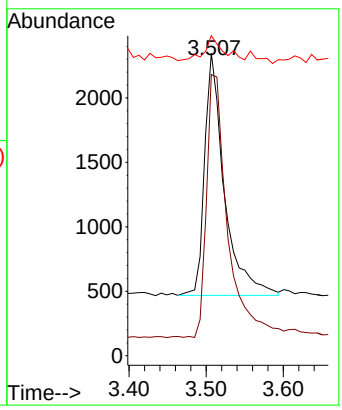


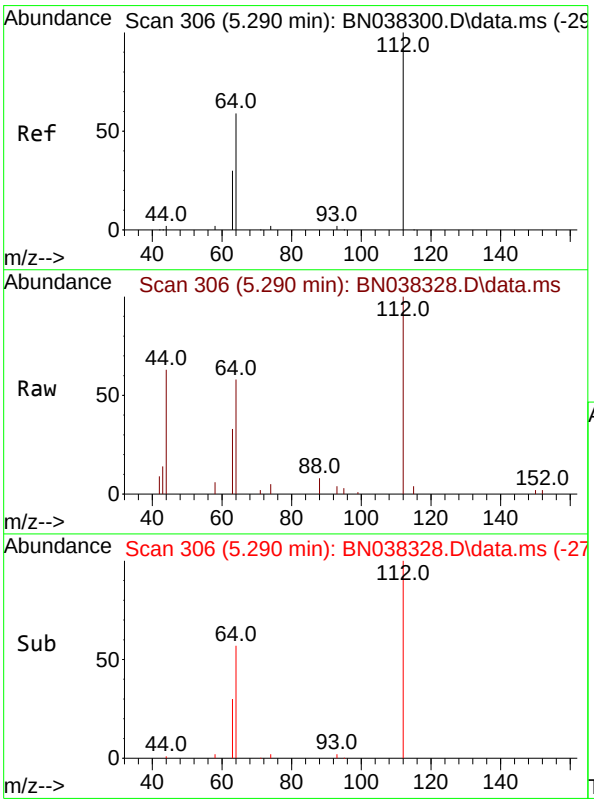
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.507 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3319

Ion	Ratio	Lower	Upper
42	100		
74	118.7	95.3	142.9
44	9.5	7.9	11.9

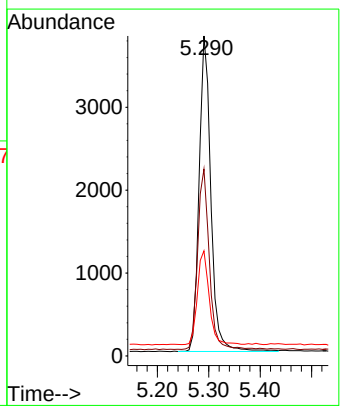


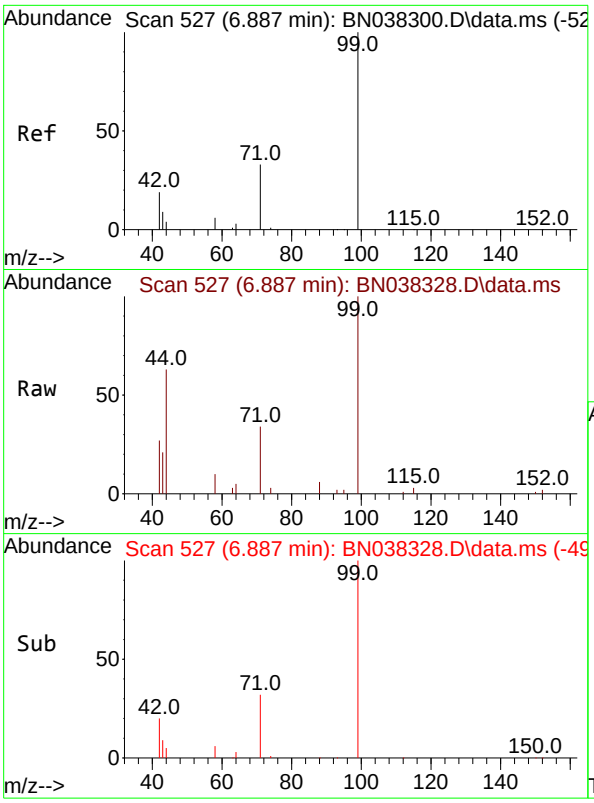


#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:112 Resp: 6062

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.4	66.6
63	29.6	23.4	35.0



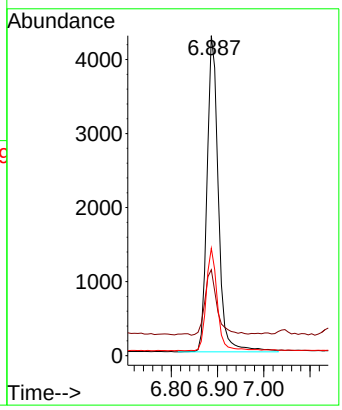


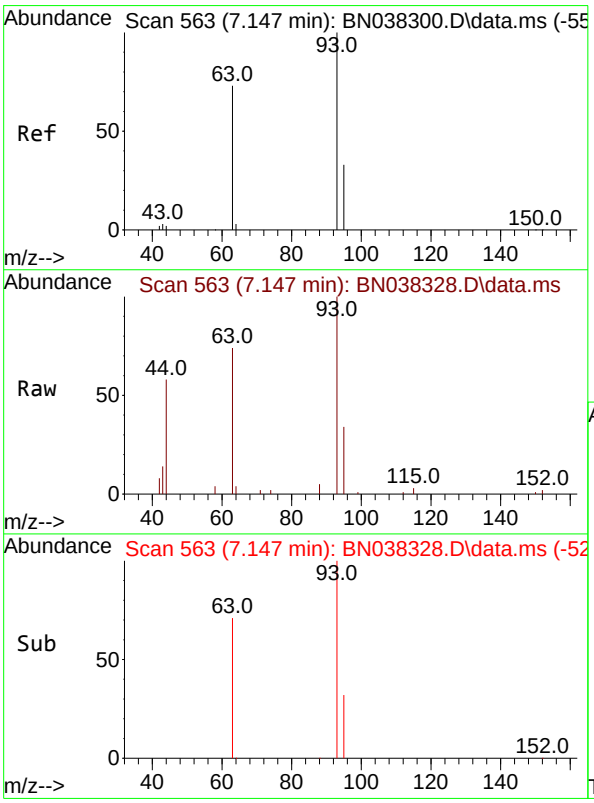
#5
Phenol-d6
Concen: 0.421 ng
RT: 6.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7255

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.5	24.7
71	31.7	24.9	37.3

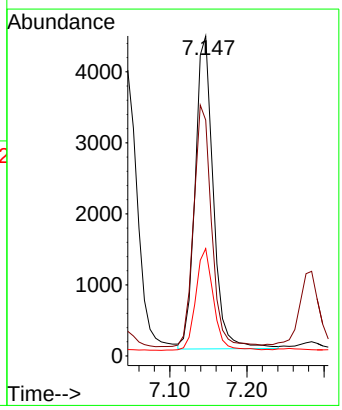


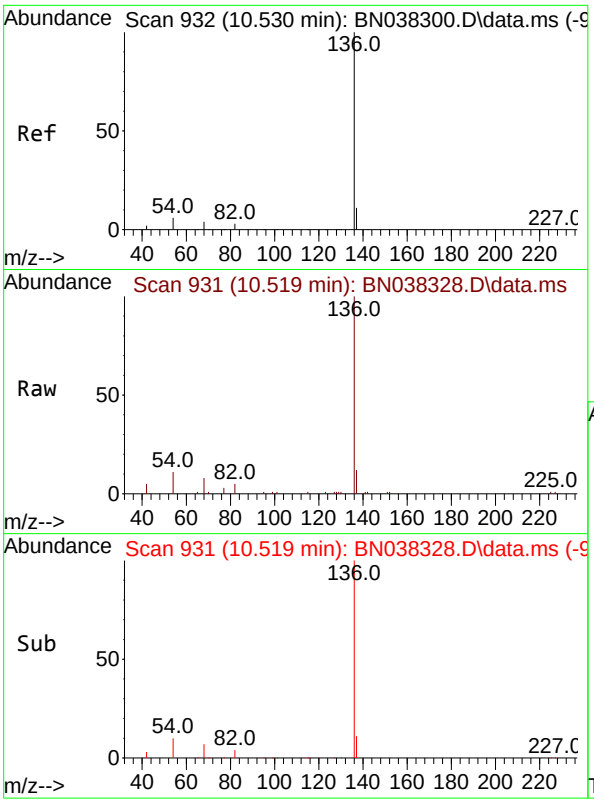


#6
bis(2-Chloroethyl)ether
Concen: 0.428 ng
RT: 7.147 min Scan# 563
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion: 93 Resp: 7217

Ion	Ratio	Lower	Upper
93	100		
63	76.1	59.2	88.8
95	31.6	25.2	37.8



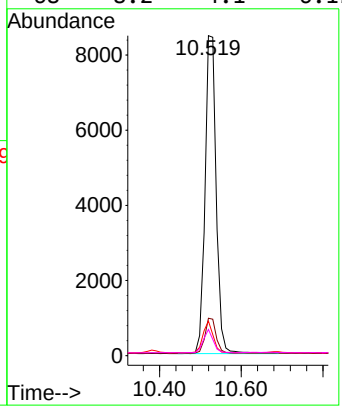


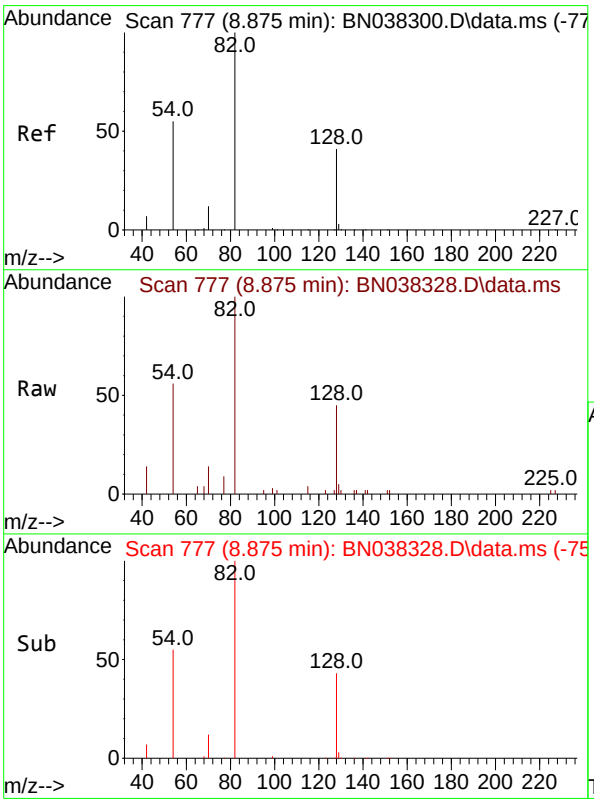
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 16087

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.8	5.2	7.8#
68	8.2	4.1	6.1#

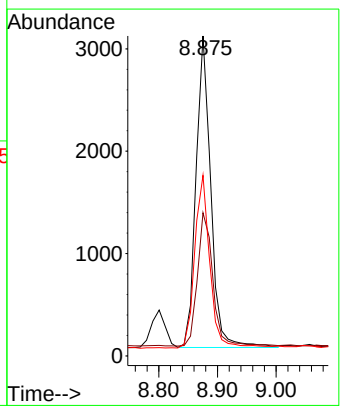


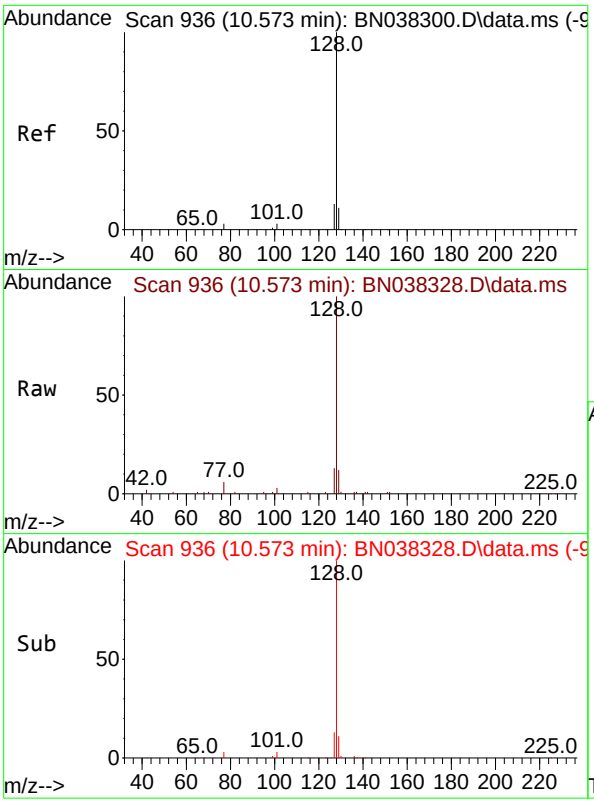


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion: 82 Resp: 5356

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	56.4	44.4	66.6



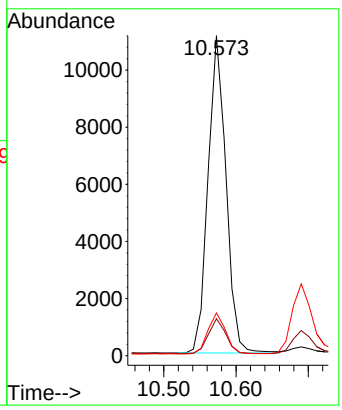


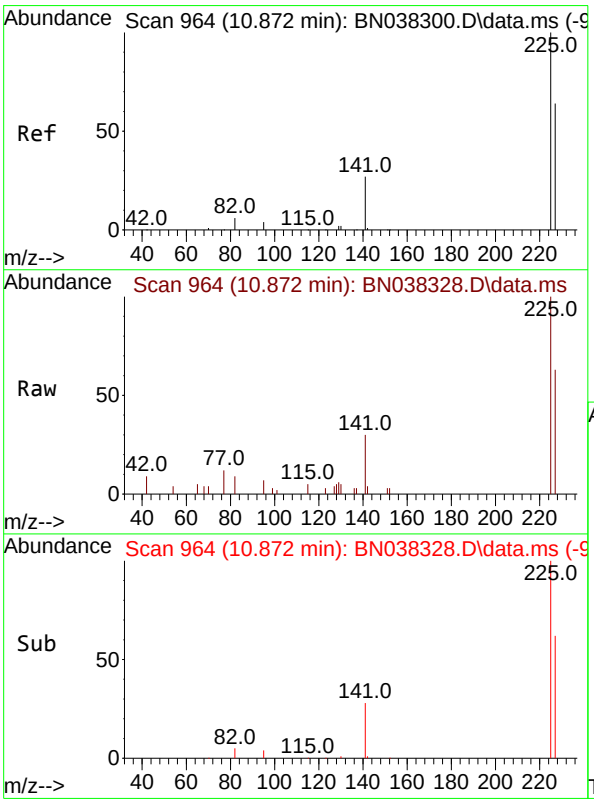
#9
Naphthalene
Concen: 0.404 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19195

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.4	10.9	16.3

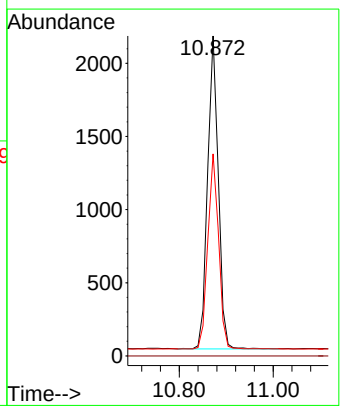


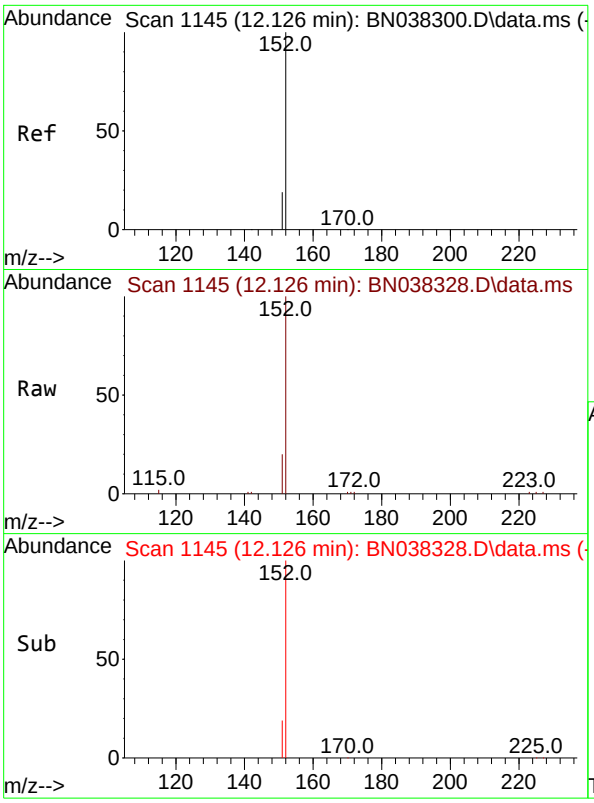


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:225 Resp: 3379

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	51.2	76.8



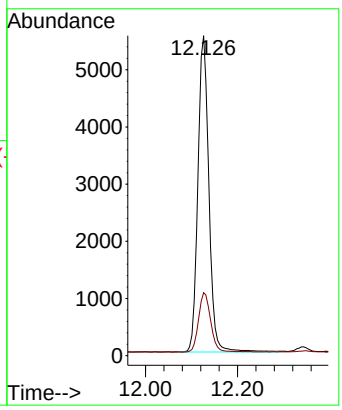


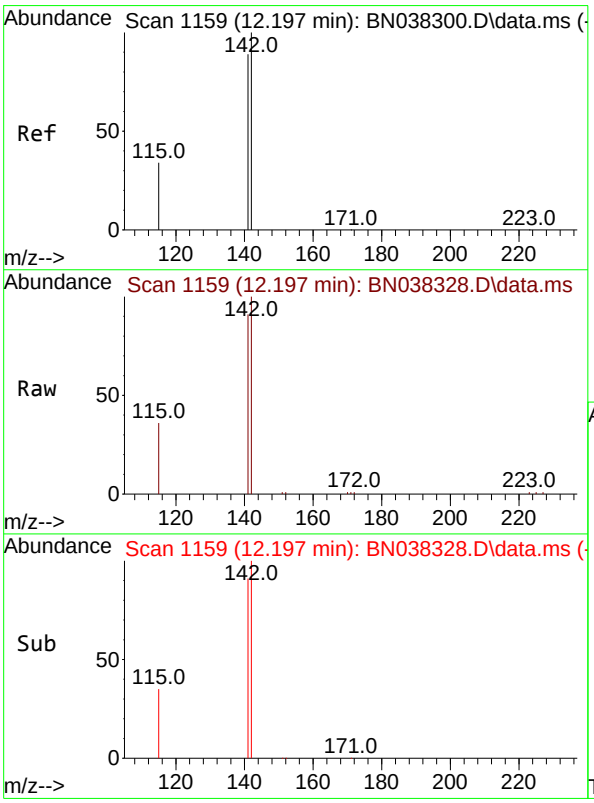
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.126 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9169

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6

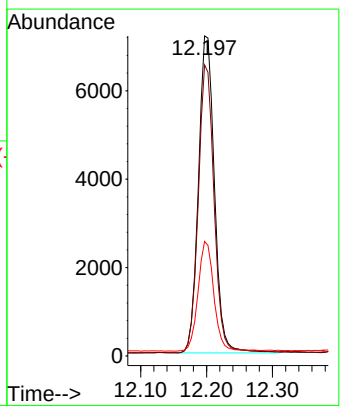


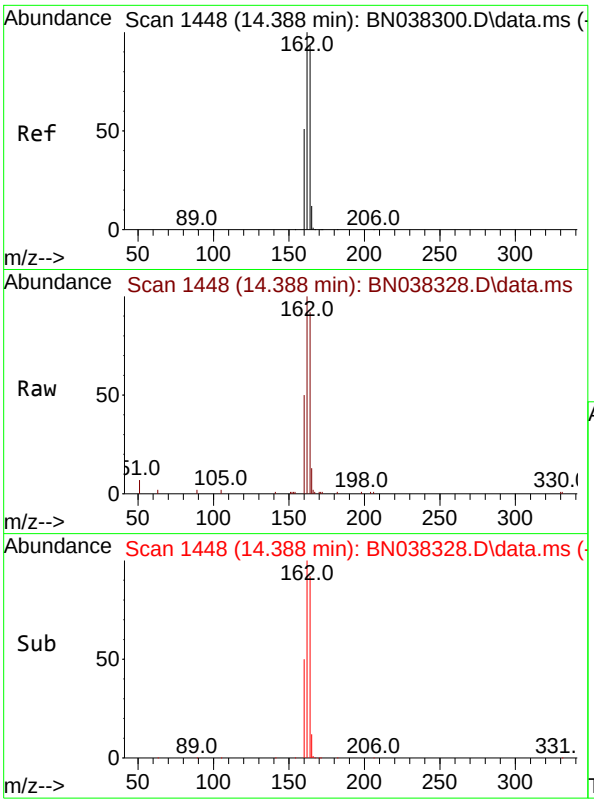


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:142 Resp: 12142

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2
115	35.8	28.4	42.6



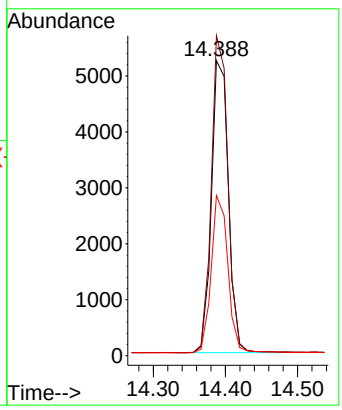


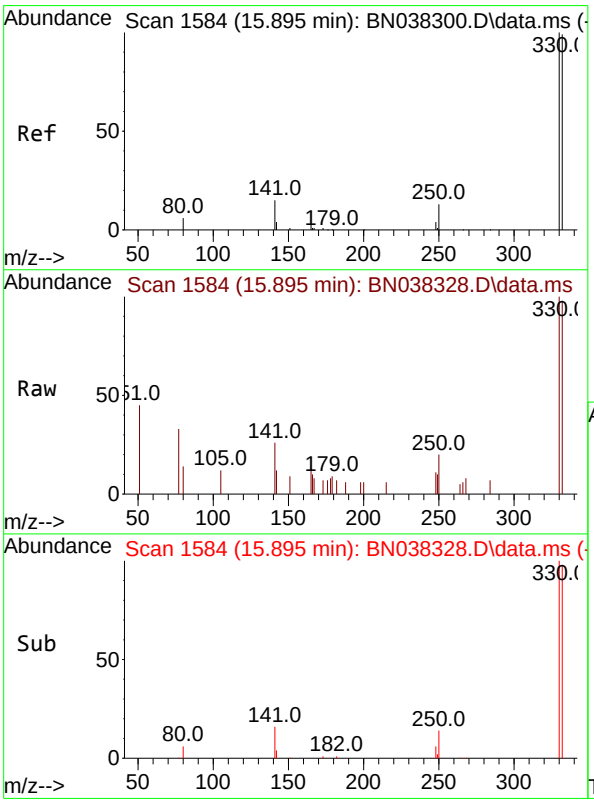
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8512

Ion	Ratio	Lower	Upper
164	100		
162	108.5	86.2	129.4
160	54.3	44.6	67.0

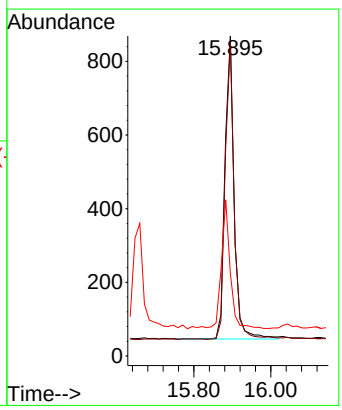


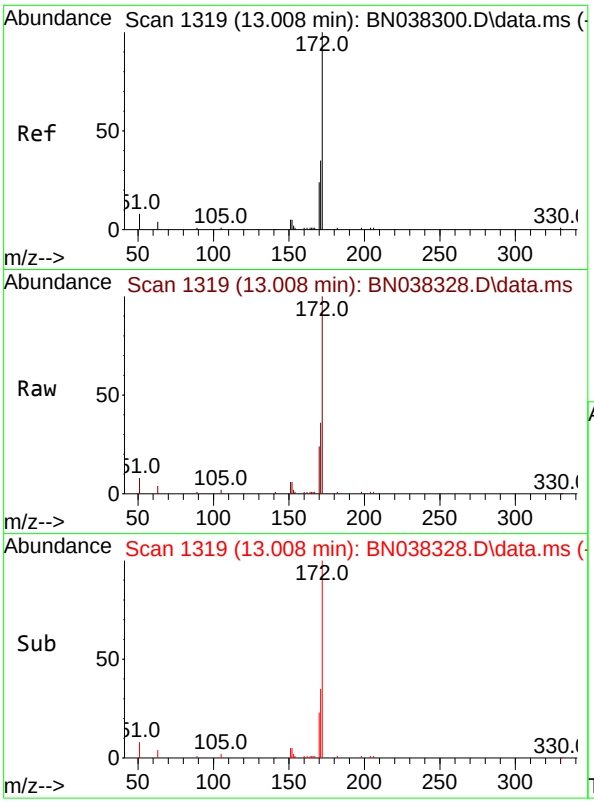


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:330 Resp: 1380

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.8	113.6
141	40.1	31.8	47.8



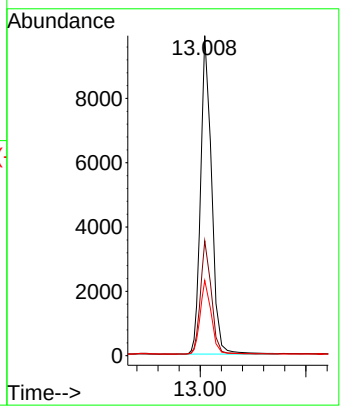


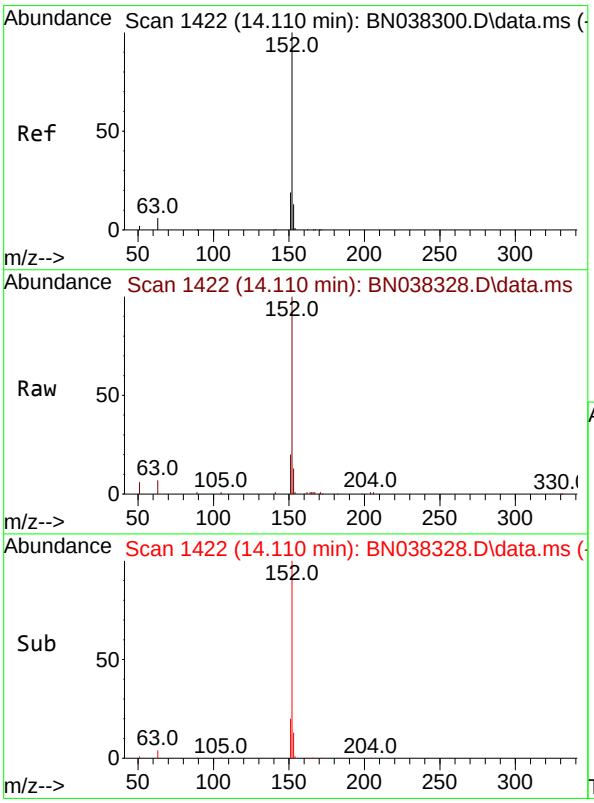
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.008 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15656

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.5	19.3	28.9

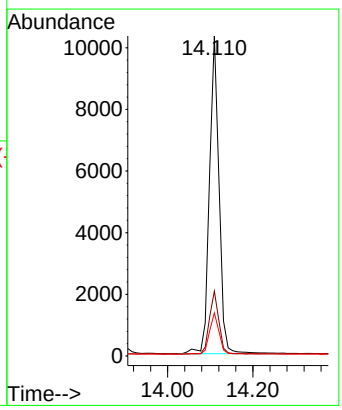


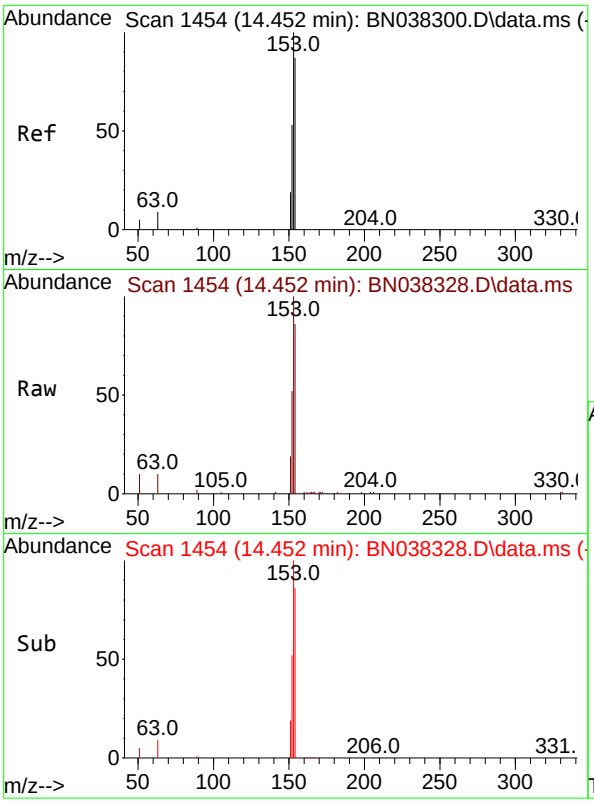


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.110 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:152 Resp: 16152

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.9	10.2	15.4



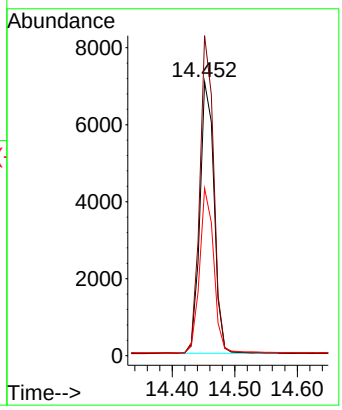


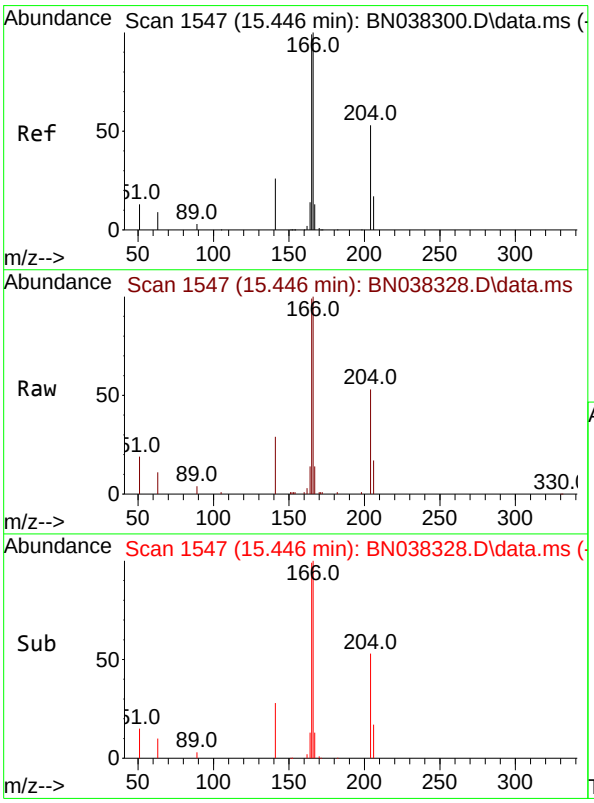
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11106

Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.8	134.8
152	60.7	47.5	71.3

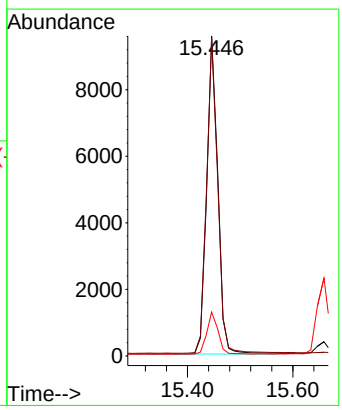


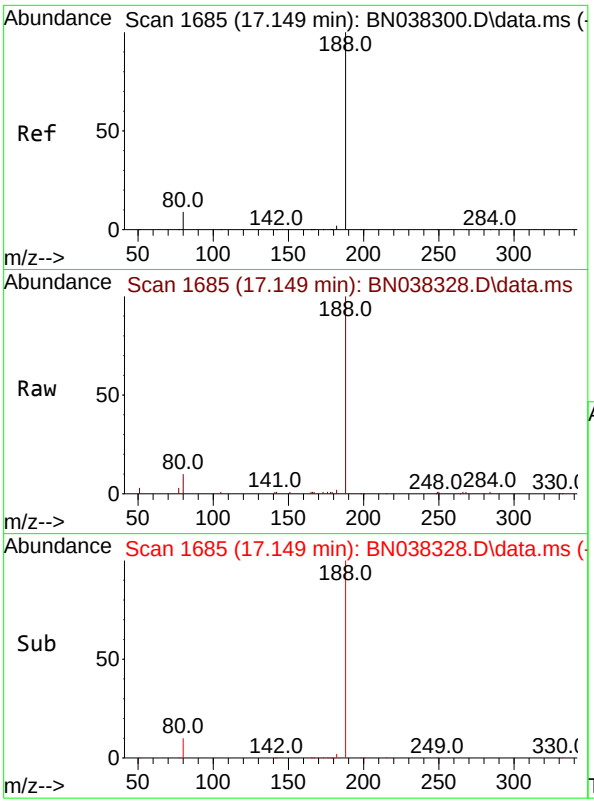


#18
Fluorene
Concen: 0.389 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:166 Resp: 14575

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.2	120.4
167	12.9	10.6	16.0



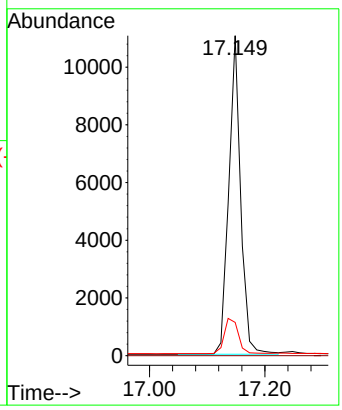


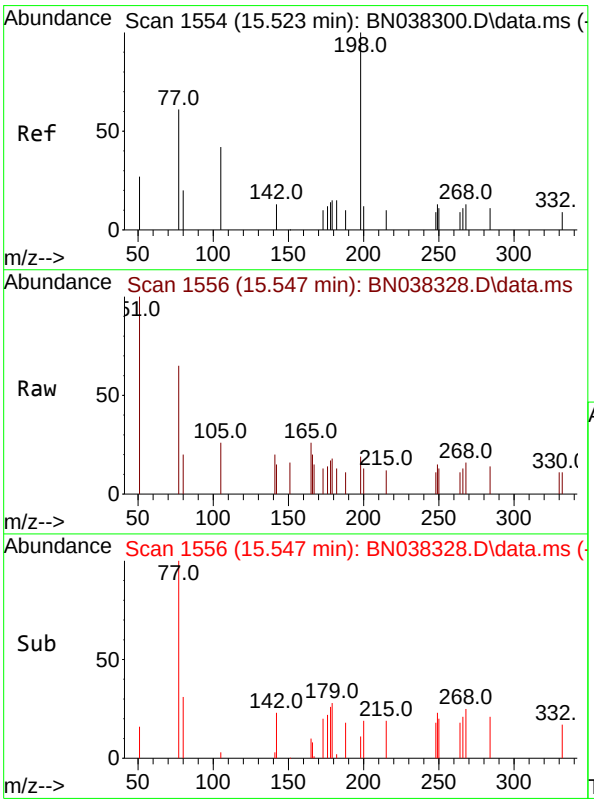
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15819

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.4	11.0

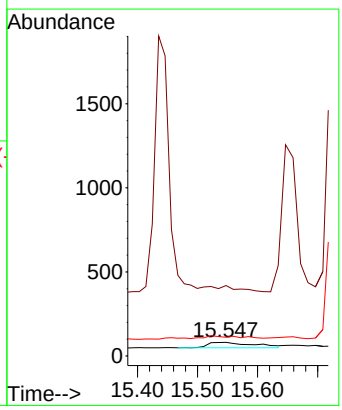


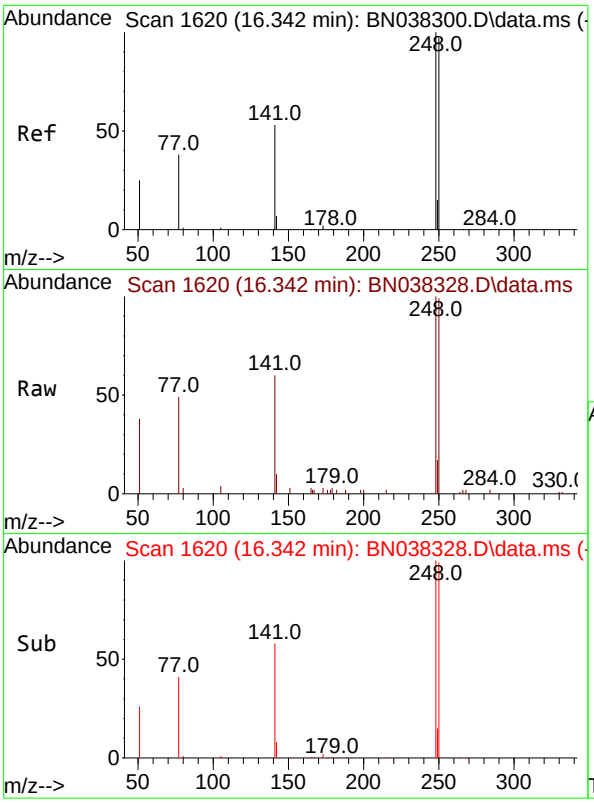


#20
4,6-Dinitro-2-methylphenol
Concen: 0.064 ng
RT: 15.547 min Scan# 1556
Delta R.T. 0.025 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:198 Resp: 166

Ion	Ratio	Lower	Upper
198	100		
51	517.3	86.3	129.5#
105	137.0	45.3	67.9#



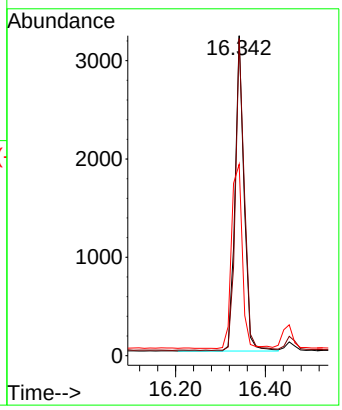


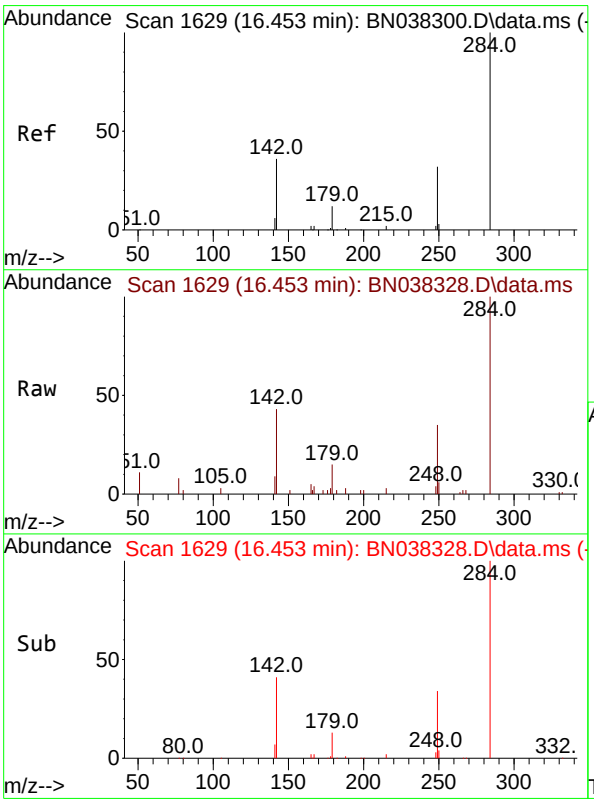
#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.342 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 4461

Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.2	117.2
141	59.8	43.7	65.5

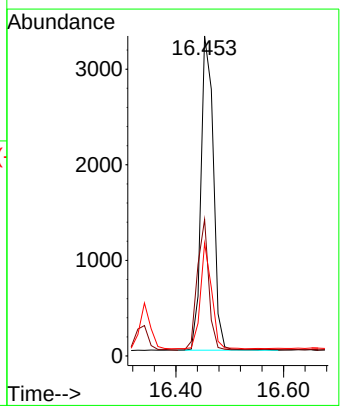


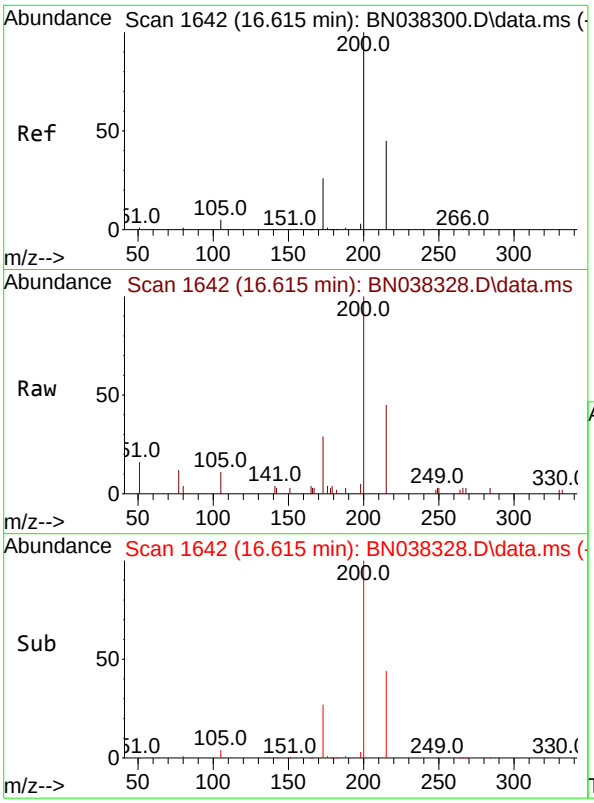


#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:284 Resp: 5244

Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.5	44.3
249	30.4	23.7	35.5



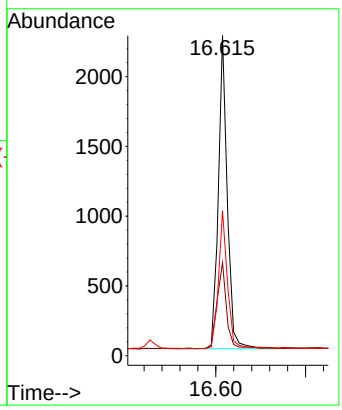


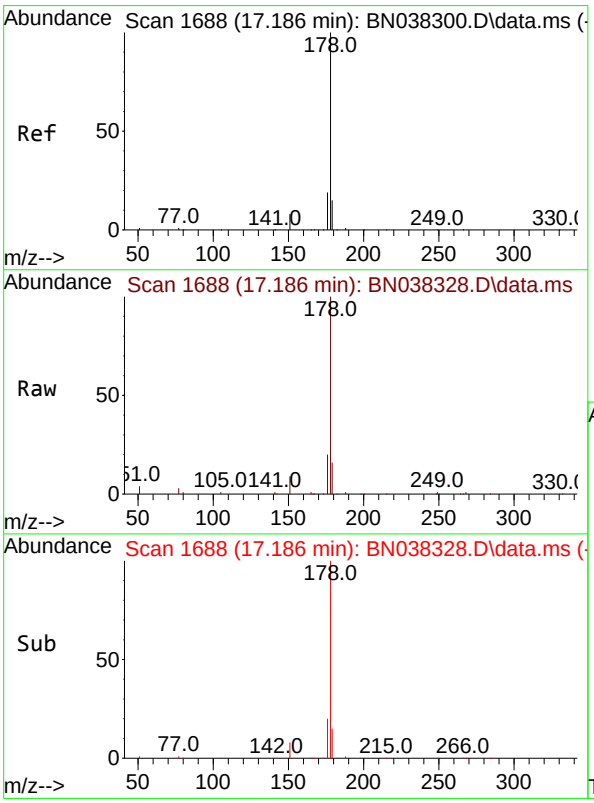
#23
Atrazine
Concen: 0.388 ng
RT: 16.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 3104

Ion	Ratio	Lower	Upper
200	100		
173	29.1	22.1	33.1
215	45.3	37.4	56.2

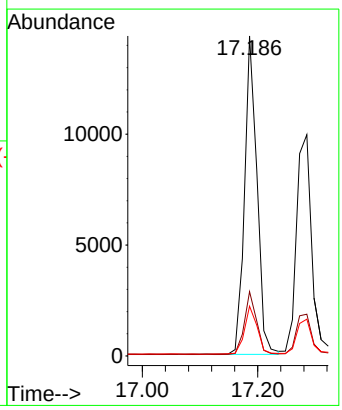


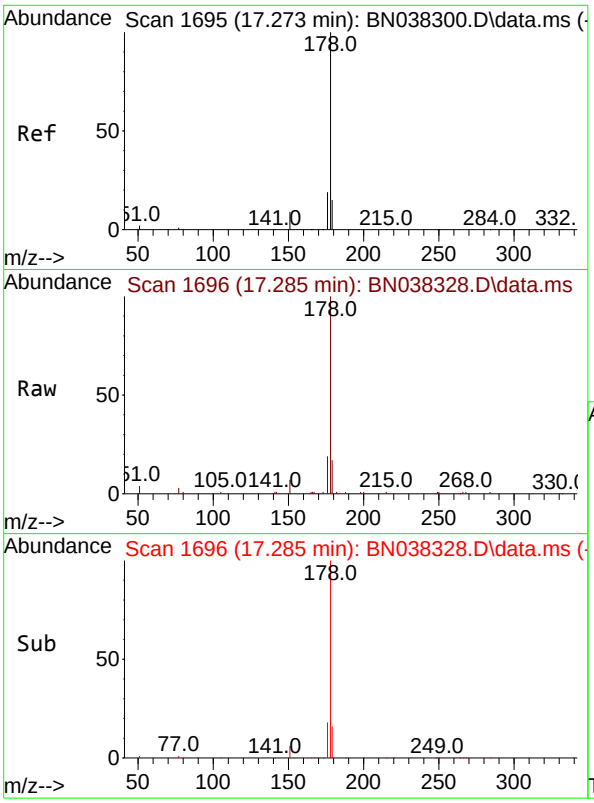


#25
Phenanthrene
Concen: 0.388 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:178 Resp: 21381

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



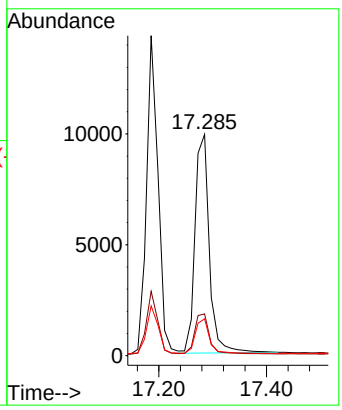


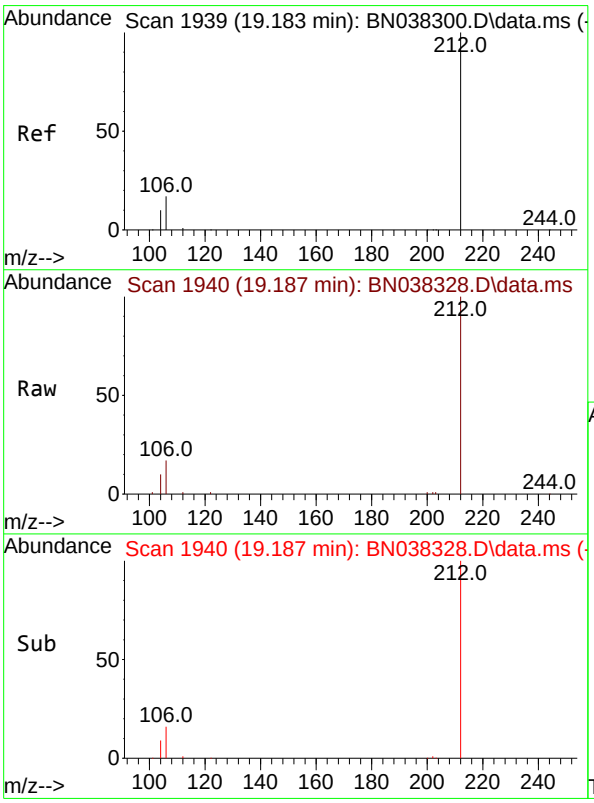
#26
Anthracene
Concen: 0.385 ng
RT: 17.285 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 18282

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	12.0	18.0

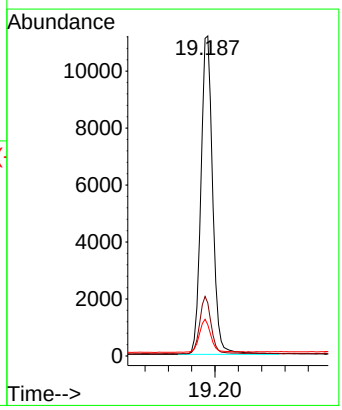


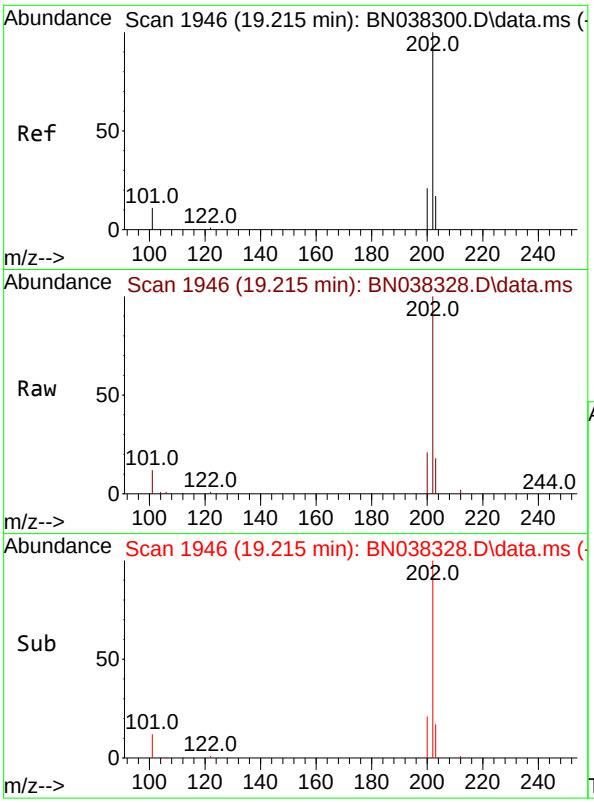


#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.187 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:212 Resp: 15753

Ion	Ratio	Lower	Upper
212	100		
106	17.4	13.7	20.5
104	10.1	7.8	11.8



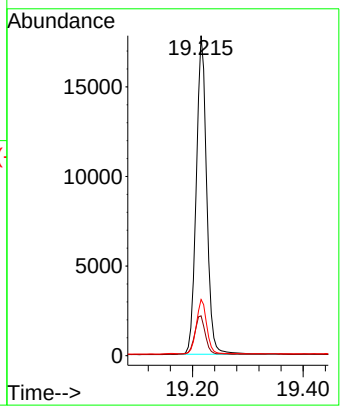


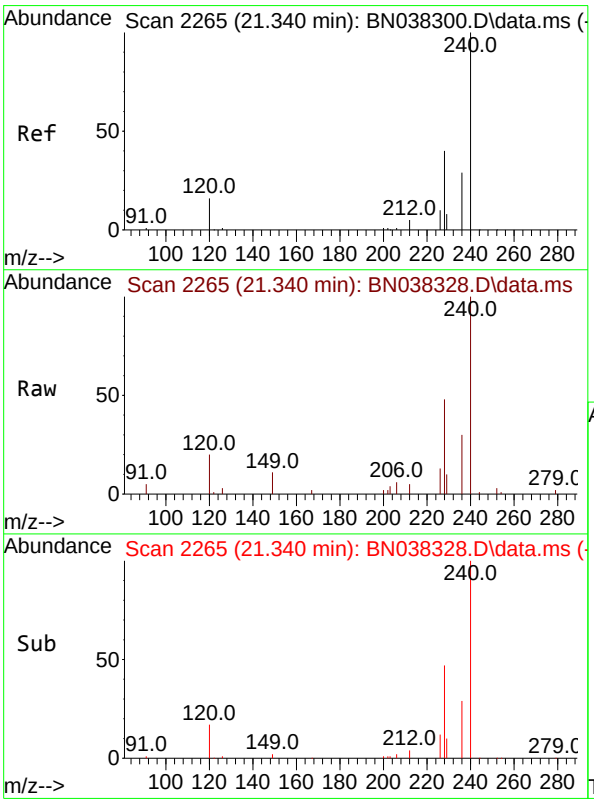
#28
Fluoranthene
Concen: 0.399 ng
RT: 19.215 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 23353

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	16.9	13.5	20.3

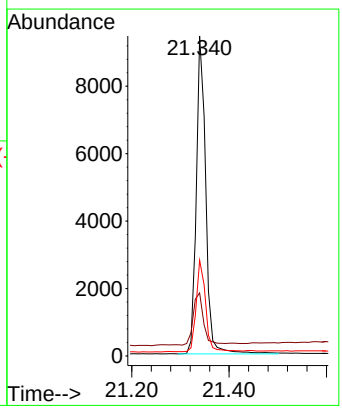


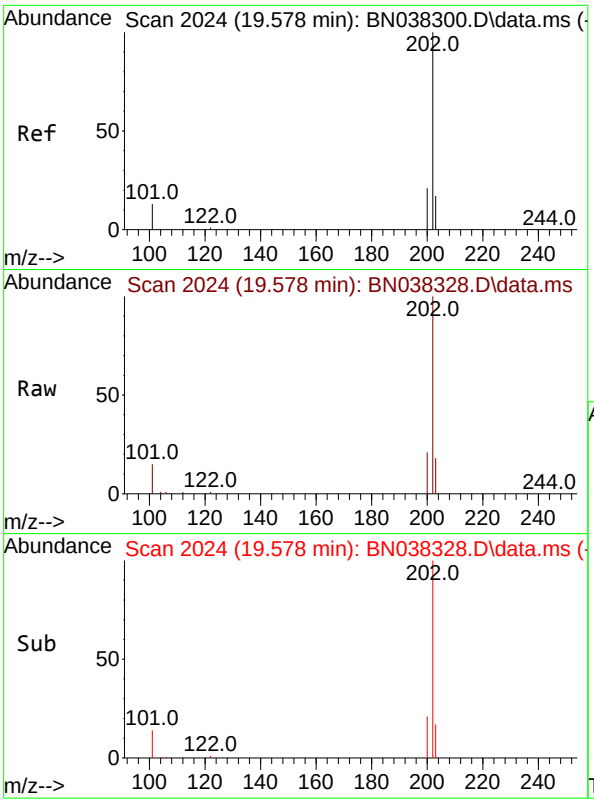


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:240 Resp: 12672

Ion	Ratio	Lower	Upper
240	100		
120	19.7	15.4	23.2
236	29.9	23.9	35.9



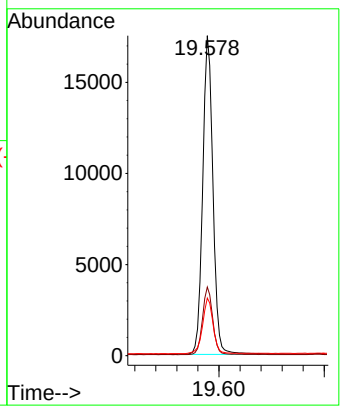


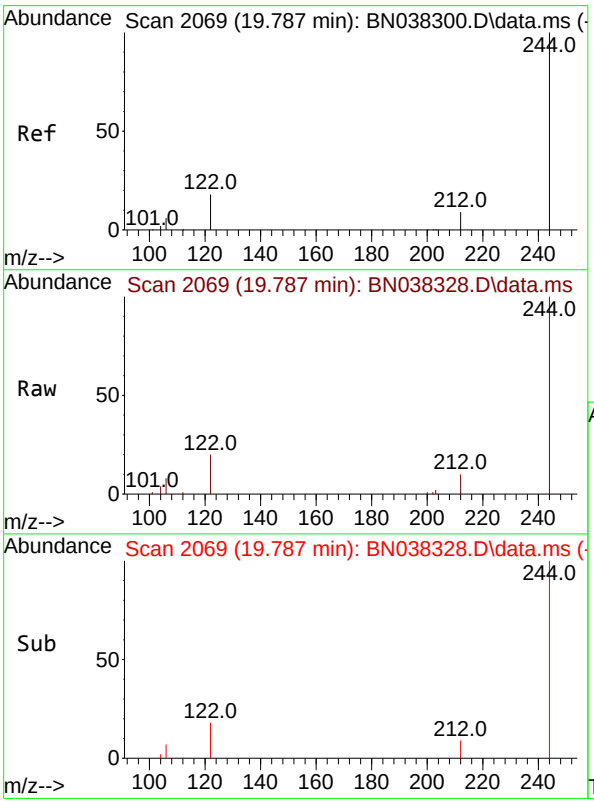
#30
Pyrene
Concen: 0.380 ng
RT: 19.578 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 23701

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.7	14.2	21.2

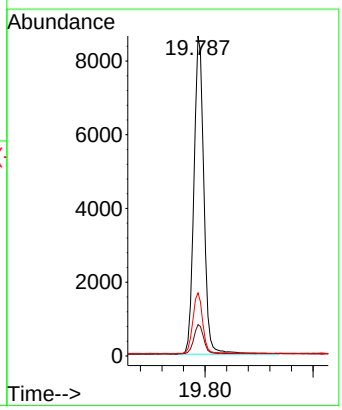


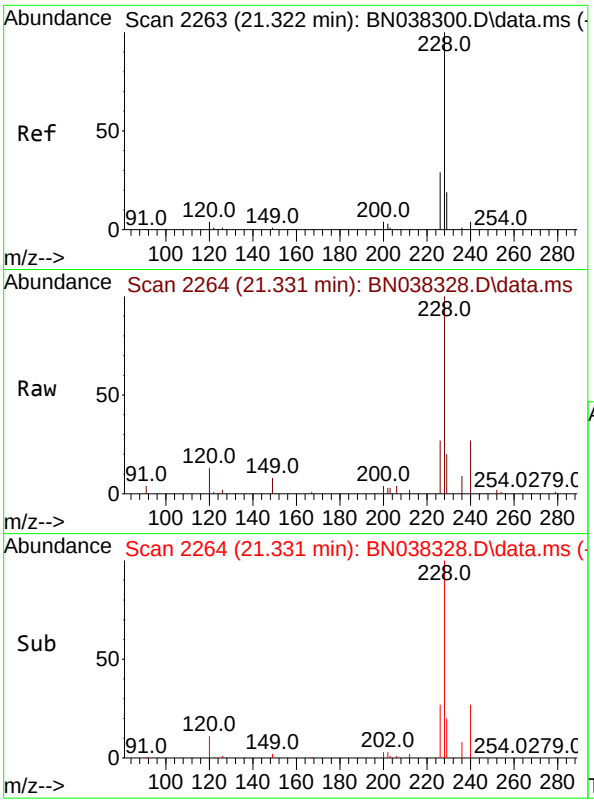


#31
Terphenyl-d14
Concen: 0.390 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:244 Resp: 11041

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	19.7	15.0	22.6



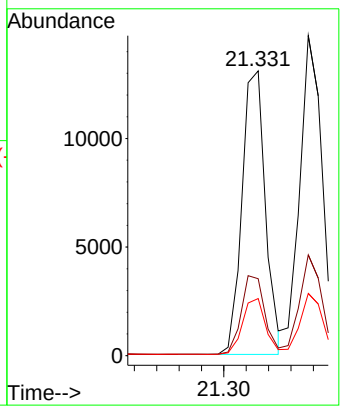


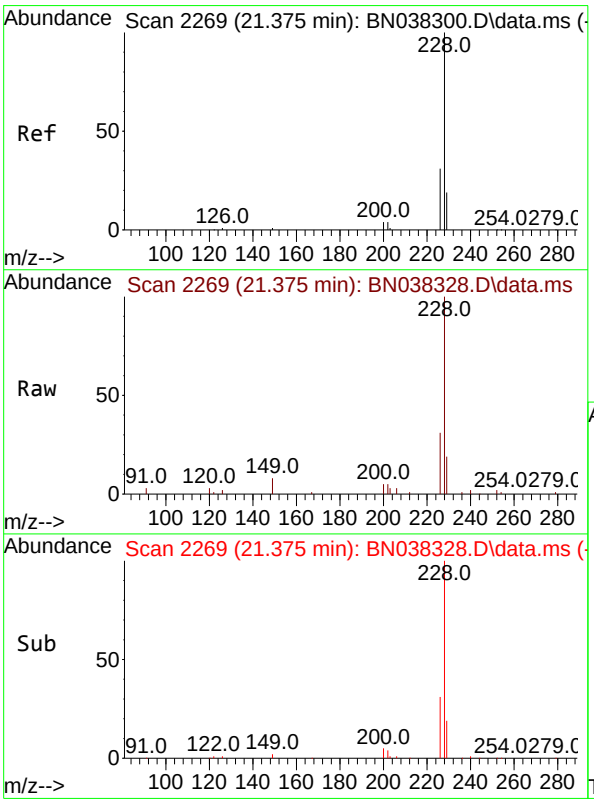
#32
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.331 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18963

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.3	34.9
229	20.1	15.7	23.5

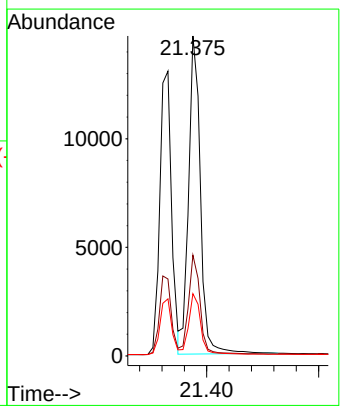


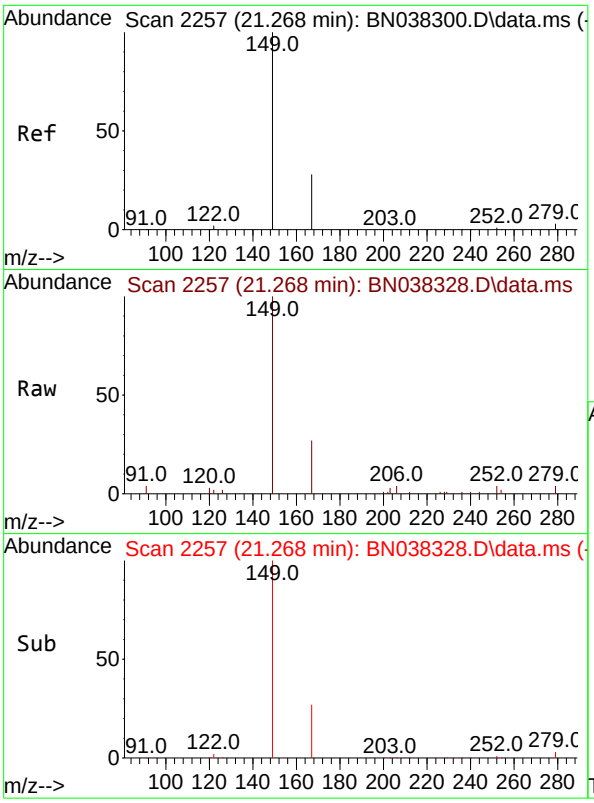


#33
Chrysene
Concen: 0.397 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:228 Resp: 21385

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.4
229	19.4	15.5	23.3



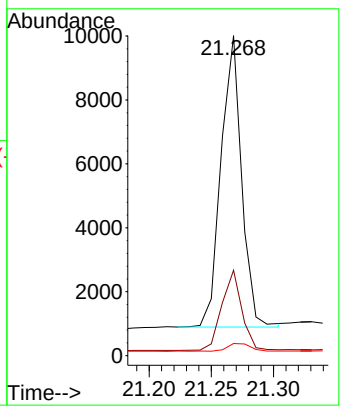


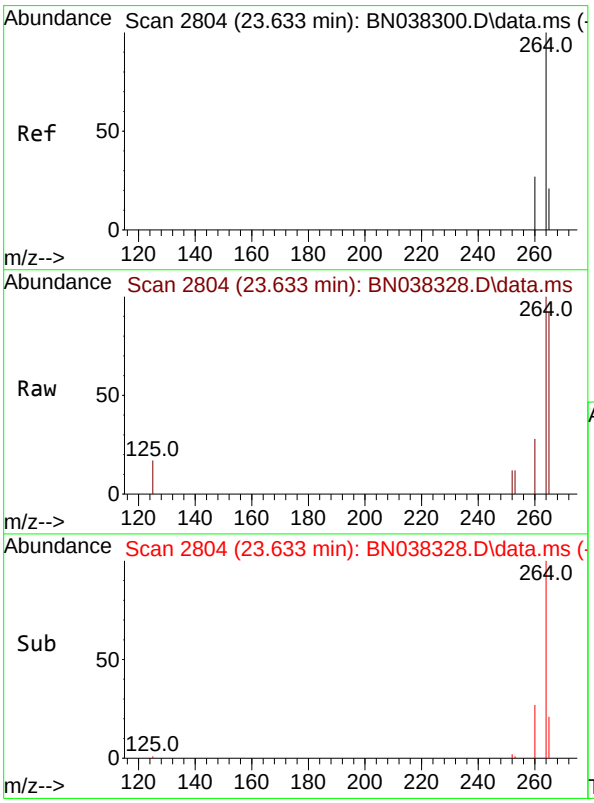
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.391 ng
RT: 21.268 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 10498

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.2	2.4	3.6

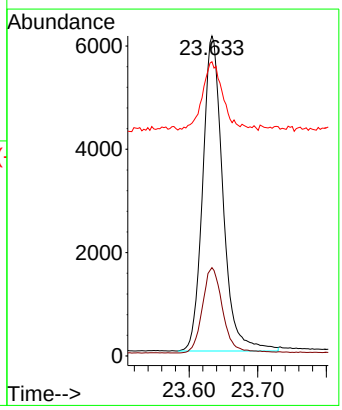


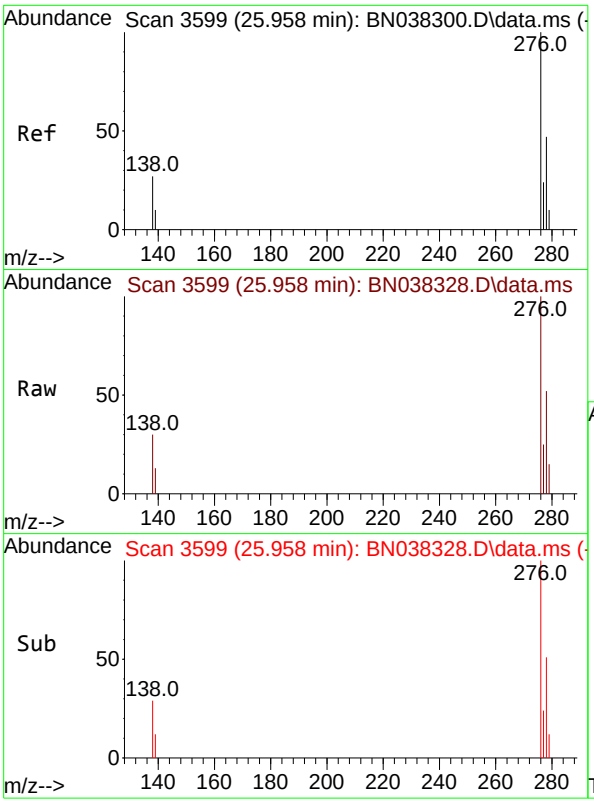


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:264 Resp: 12482

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.2	33.2
265	91.9	80.2	120.2



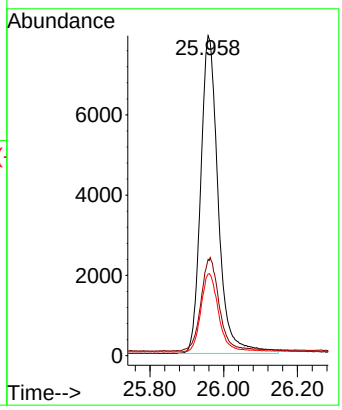


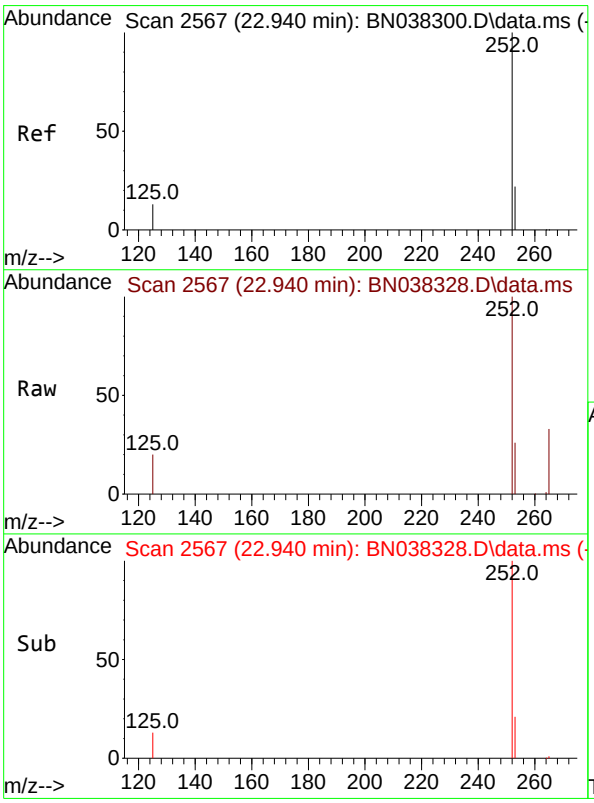
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 25.958 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26055

Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.6	35.4
277	24.8	19.7	29.5

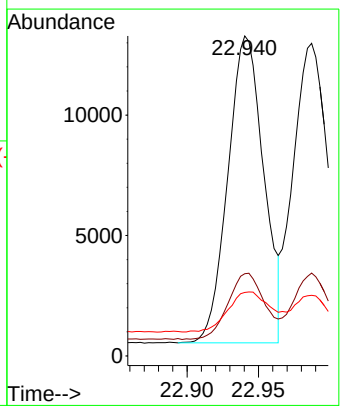


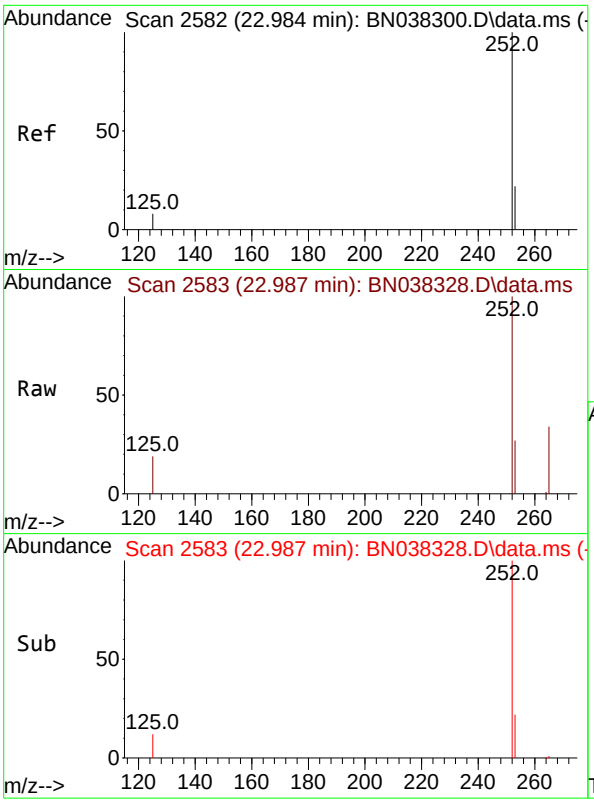


#37
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.940 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:252 Resp: 22203

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.1	31.7
125	19.8	16.4	24.6



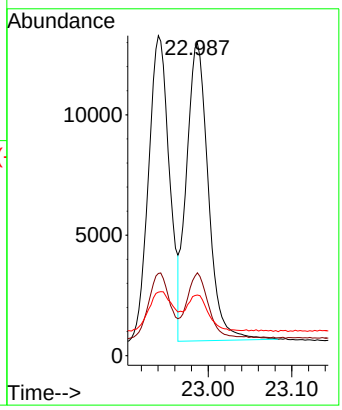


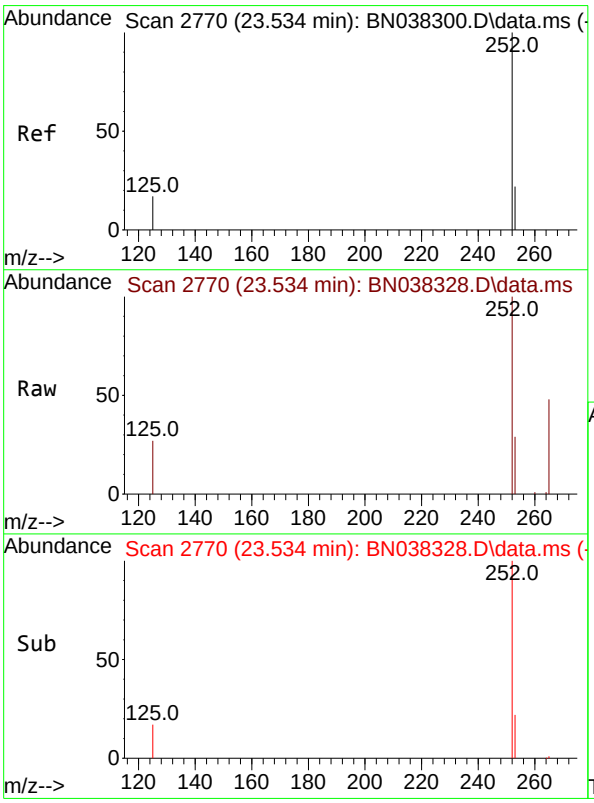
#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.987 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 22351

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.4	32.0
125	19.4	16.2	24.2

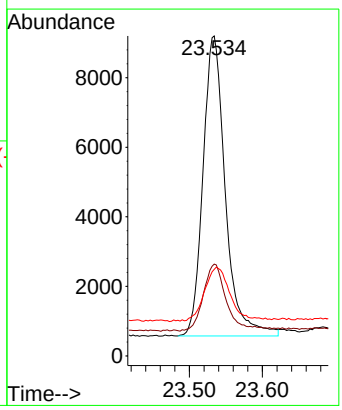


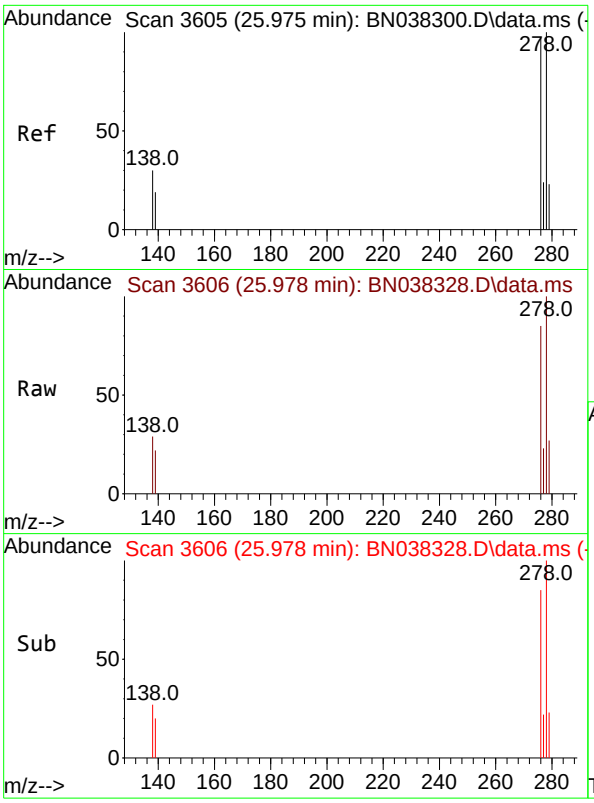


#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.534 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:252 Resp: 18366

Ion	Ratio	Lower	Upper
252	100		
253	28.7	23.3	34.9
125	27.1	22.4	33.6



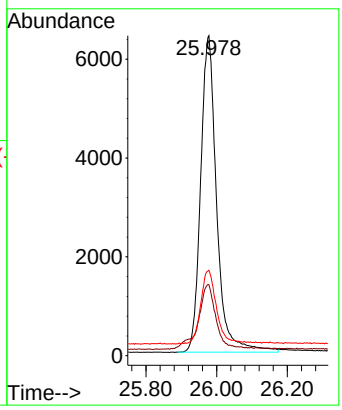


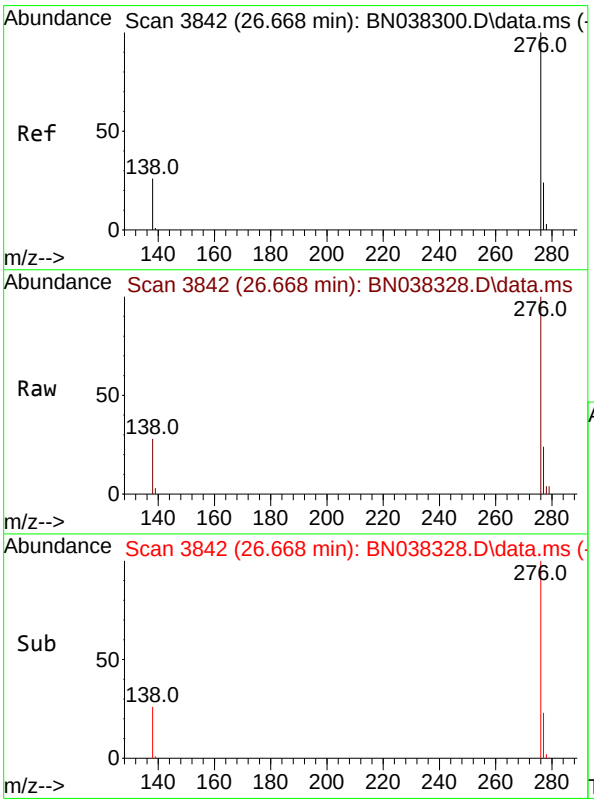
#40
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 25.978 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 20173

Ion	Ratio	Lower	Upper
278	100		
139	22.2	17.8	26.8
279	26.7	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 26.668 min Scan# 3842
Delta R.T. -0.009 min
Lab File: BN038328.D
Acq: 11 Dec 2025 21:28

Tgt Ion:276 Resp: 21804

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.0	30.0
138	27.5	21.8	32.6