Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038301.D
Acq On : 10 Dec 2025 11:41
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 10 13:59:57 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

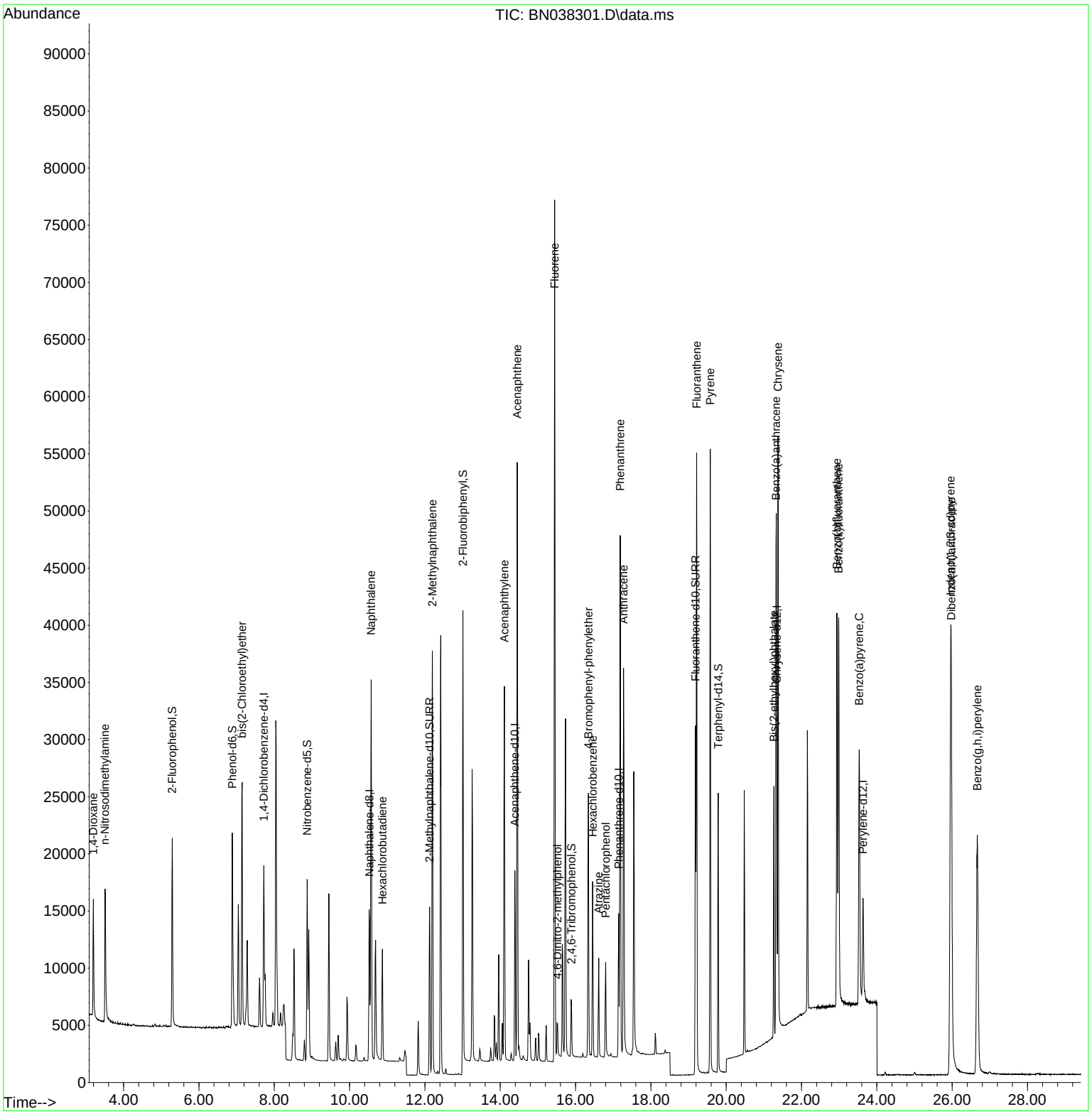
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	6971	0.400	ng		0.00
7) Naphthalene-d8	10.530	136	18433	0.400	ng		0.00
13) Acenaphthene-d10	14.387	164	9355	0.400	ng		-0.01
19) Phenanthrene-d10	17.148	188	16598	0.400	ng		0.00
29) Chrysene-d12	21.340	240	12910	0.400	ng		0.00
35) Perylene-d12	23.633	264	12619	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	13677	0.788	ng		0.00
5) Phenol-d6	6.887	99	16146	0.782	ng		0.00
8) Nitrobenzene-d5	8.875	82	12246	0.788	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	20420	0.785	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	3151	0.759	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	34384	0.763	ng		0.00
27) Fluoranthene-d10	19.183	212	32647	0.795	ng		0.00
31) Terphenyl-d14	19.787	244	22718	0.789	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	6178	0.773	ng		98
3) n-Nitrosodimethylamine	3.507	42	7923	0.791	ng		99
6) bis(2-Chloroethyl)ether	7.147	93	16015	0.793	ng		98
9) Naphthalene	10.573	128	42584	0.782	ng		100
10) Hexachlorobutadiene	10.872	225	7618	0.787	ng	#	100
12) 2-Methylnaphthalene	12.197	142	27173	0.786	ng		99
16) Acenaphthylene	14.110	152	35839	0.780	ng		100
17) Acenaphthene	14.452	154	25275	0.790	ng		99
18) Fluorene	15.446	166	32463	0.788	ng		98
20) 4,6-Dinitro-2-methylph...	15.522	198	2122	0.777	ng	#	65
21) 4-Bromophenyl-phenylether	16.342	248	9669	0.785	ng		98
22) Hexachlorobenzene	16.453	284	11634	0.786	ng		99
23) Atrazine	16.615	200	6538	0.778	ng		97
24) Pentachlorophenol	16.801	266	4199	0.727	ng		99
25) Phenanthrene	17.186	178	44807	0.776	ng		100
26) Anthracene	17.273	178	39515	0.793	ng		99
28) Fluoranthene	19.215	202	48652	0.792	ng		99
30) Pyrene	19.578	202	49288	0.776	ng		100
32) Benzo(a)anthracene	21.322	228	38762	0.777	ng		99
33) Chrysene	21.375	228	44128	0.804	ng		100
34) Bis(2-ethylhexyl)phtha...	21.268	149	20109	0.735	ng		100
36) Indeno(1,2,3-cd)pyrene	25.960	276	53409	0.798	ng		100
37) Benzo(b)fluoranthene	22.940	252	44814	0.773	ng	#	93
38) Benzo(k)fluoranthene	22.987	252	45726	0.791	ng	#	93
39) Benzo(a)pyrene	23.531	252	36830	0.776	ng	#	88
40) Dibenzo(a,h)anthracene	25.978	278	40988	0.794	ng		97
41) Benzo(g,h,i)perylene	26.668	276	45587	0.790	ng		98

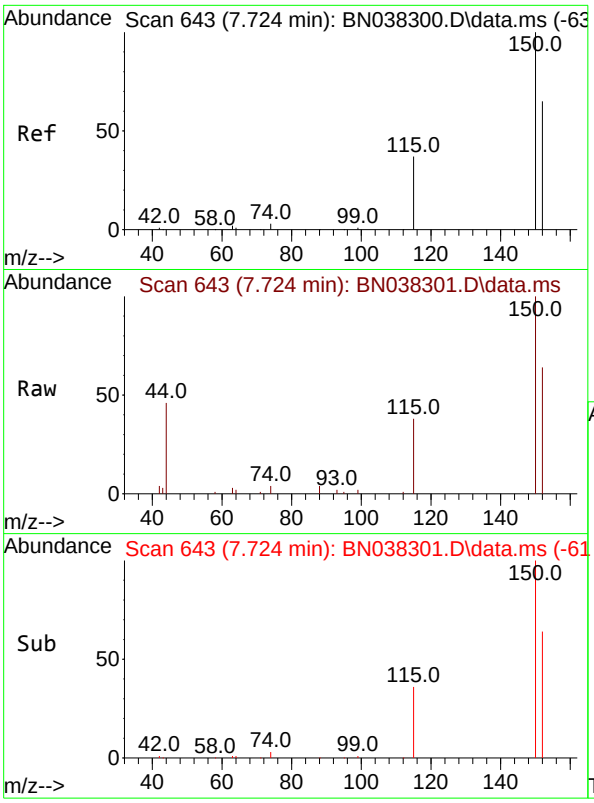
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038301.D
Acq On : 10 Dec 2025 11:41
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 10 13:59:57 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



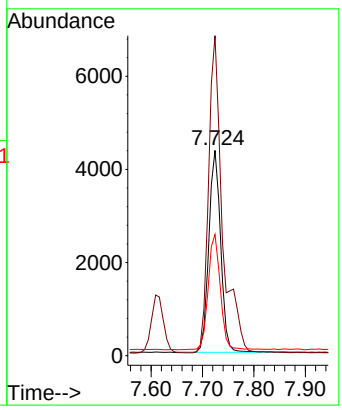


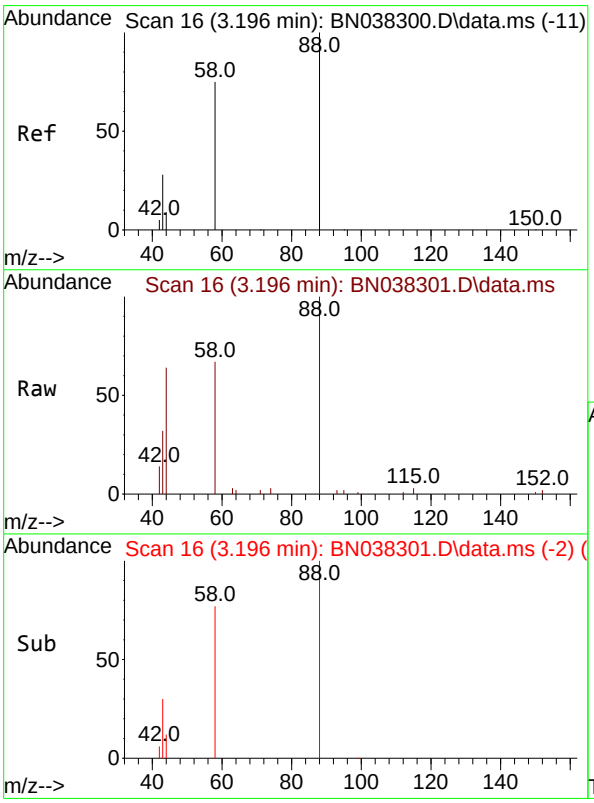
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6971

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.4	183.6
115	59.1	47.3	70.9

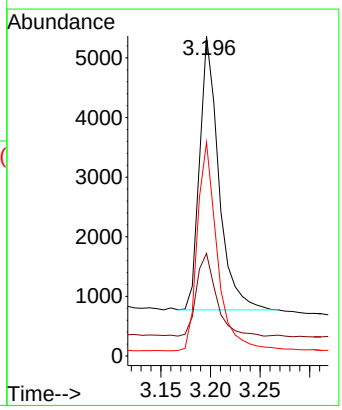


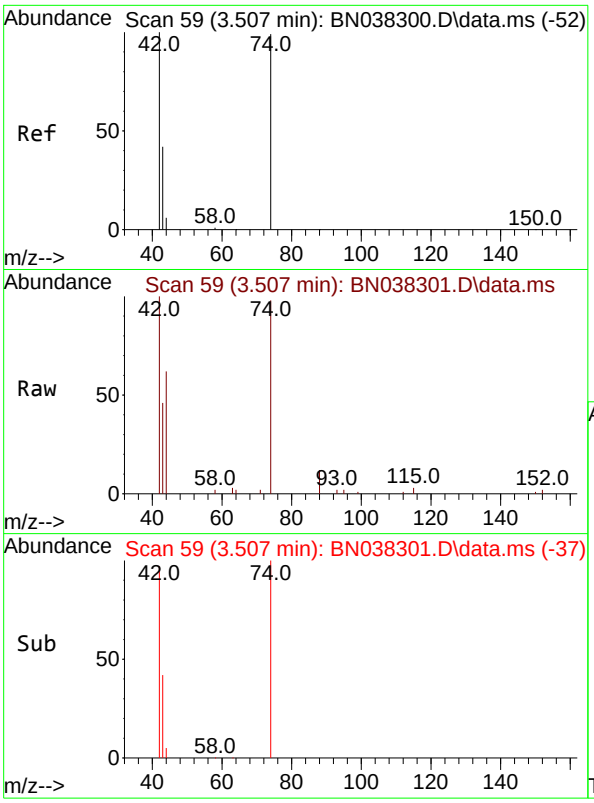


#2
1,4-Dioxane
Concen: 0.773 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion: 88 Resp: 6178

Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.9	37.3
58	79.4	61.4	92.0



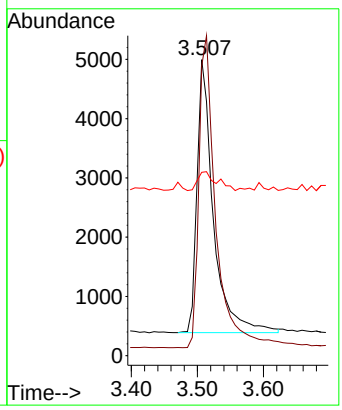


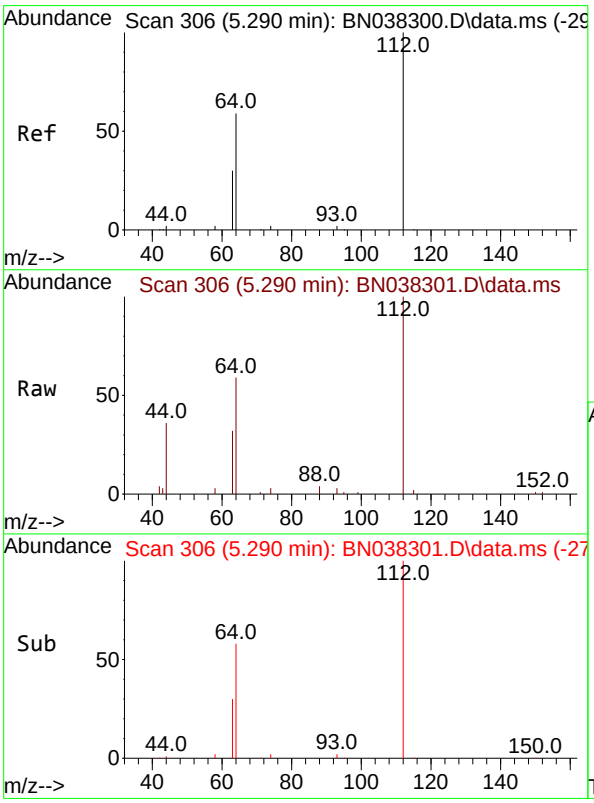
#3
n-Nitrosodimethylamine
Concen: 0.791 ng
RT: 3.507 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 7923

Ion	Ratio	Lower	Upper
42	100		
74	118.6	95.3	142.9
44	8.2	7.9	11.9

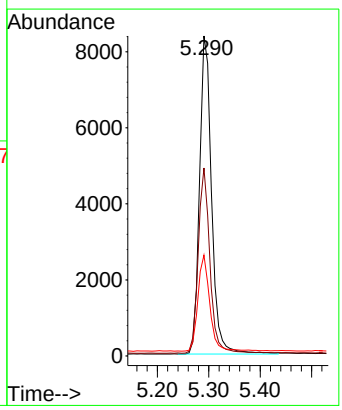


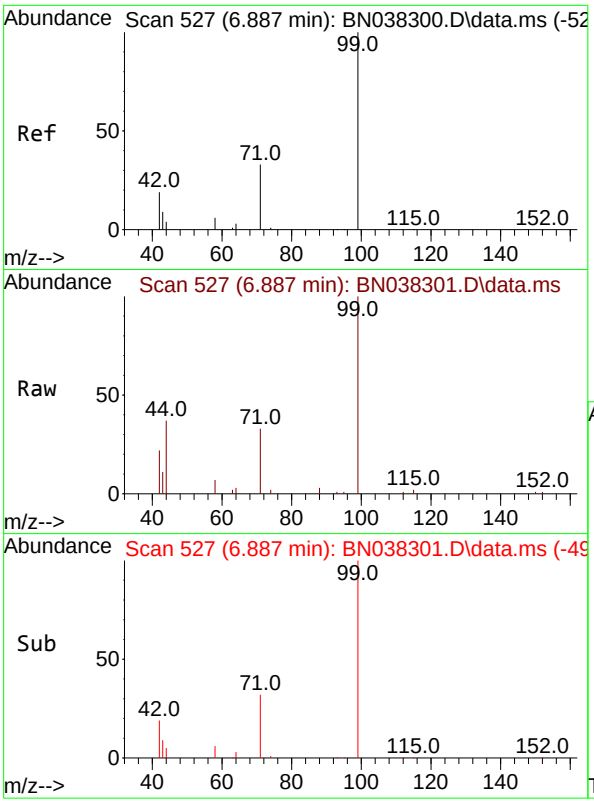


#4
2-Fluorophenol
Concen: 0.788 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:112 Resp: 13677

Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.4	66.6
63	29.7	23.4	35.0



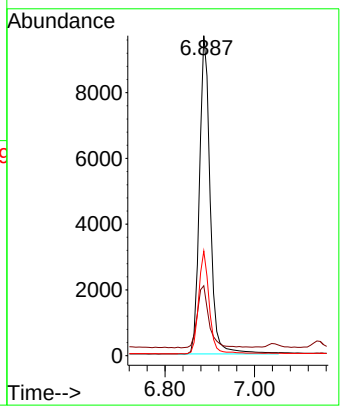


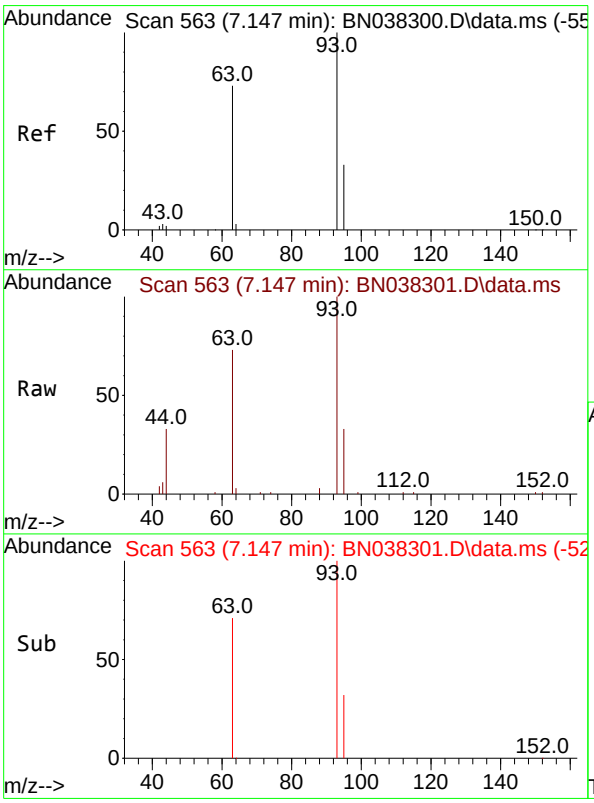
#5
Phenol-d6
Concen: 0.782 ng
RT: 6.887 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 16146

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	31.9	24.9	37.3

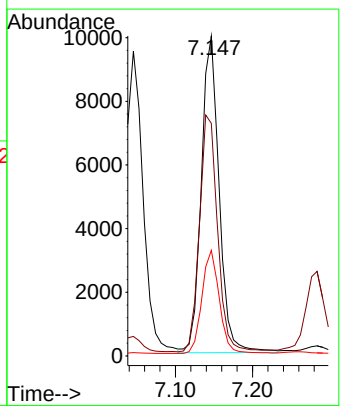


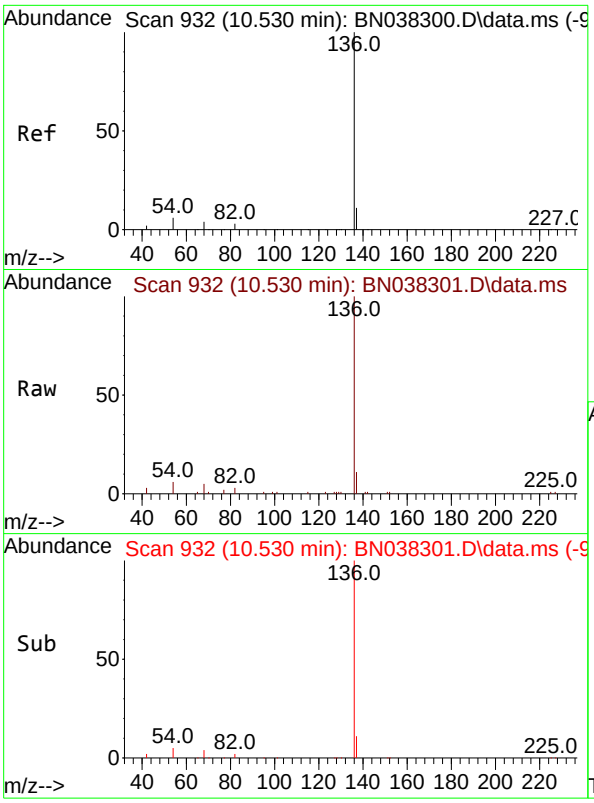


#6
bis(2-Chloroethyl)ether
Concen: 0.793 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion: 93 Resp: 16015

Ion	Ratio	Lower	Upper
93	100		
63	75.9	59.2	88.8
95	31.7	25.2	37.8



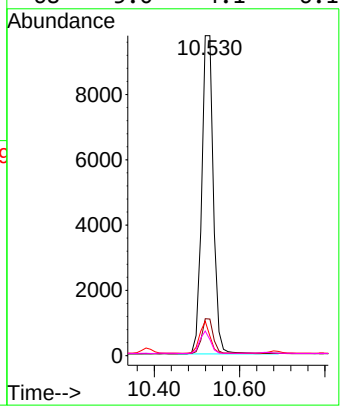


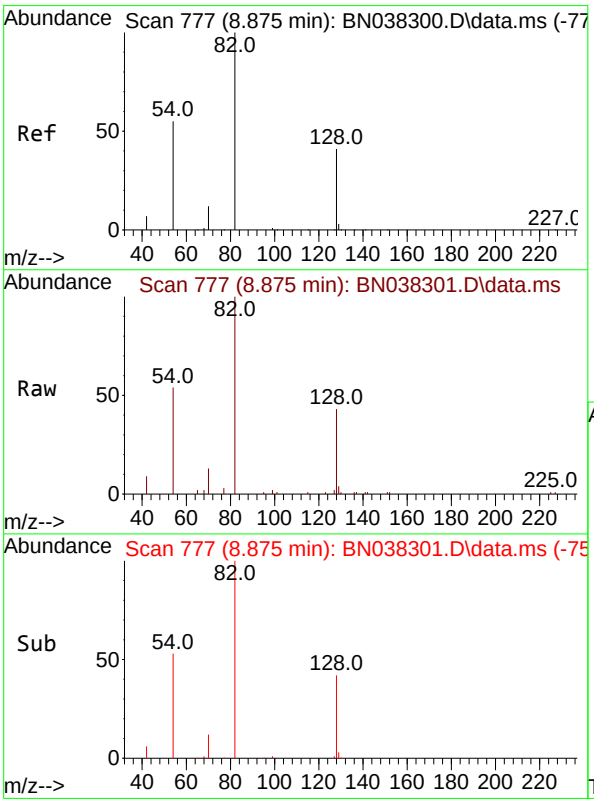
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 18433

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.2	5.2	7.8
68	5.0	4.1	6.1

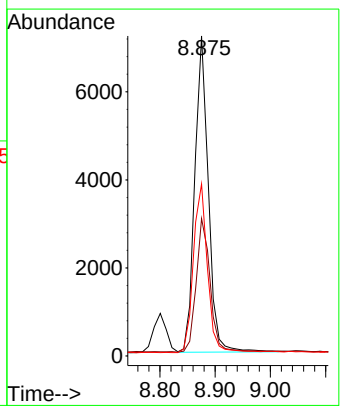


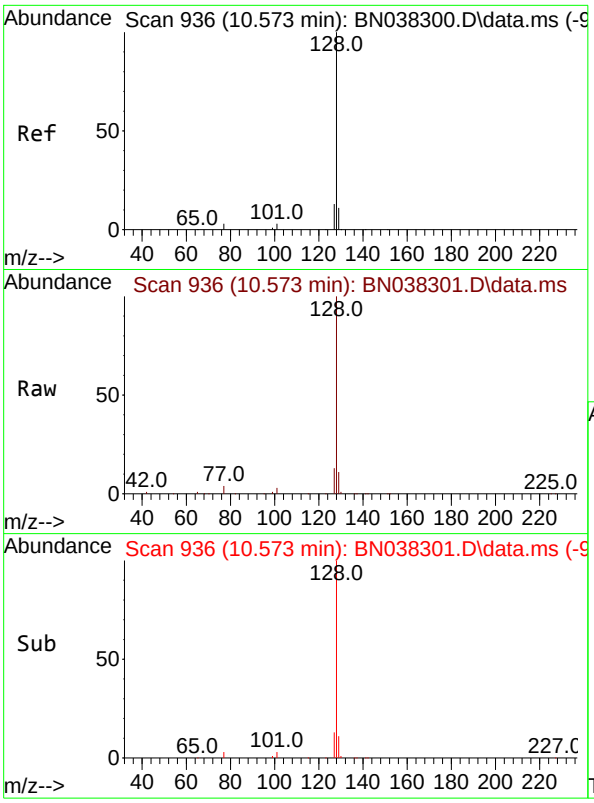


#8
Nitrobenzene-d5
Concen: 0.788 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion: 82 Resp: 12246

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	53.8	44.4	66.6



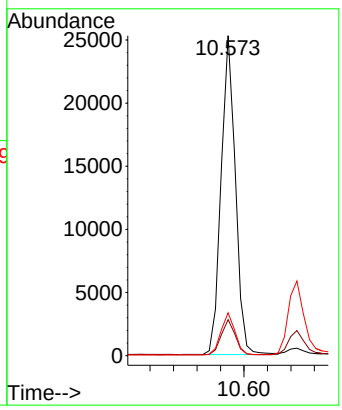


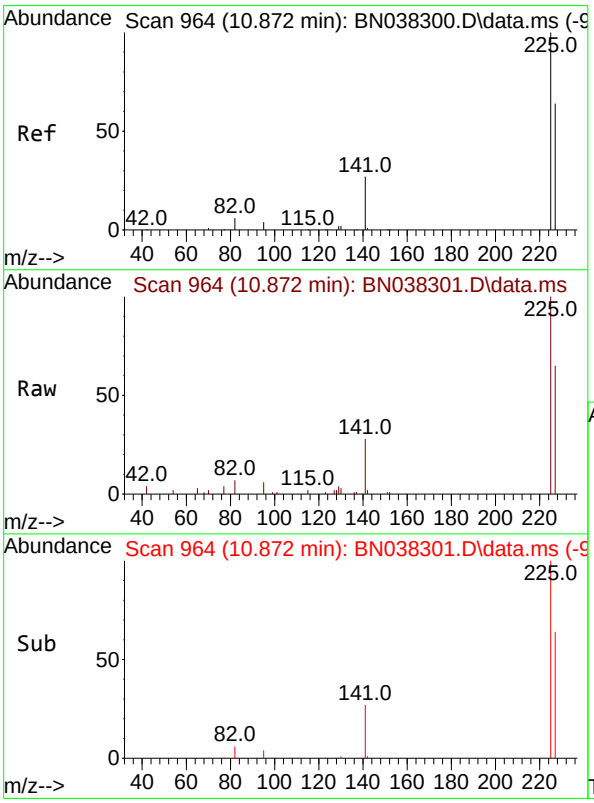
#9
Naphthalene
Concen: 0.782 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 42584

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	10.9	16.3

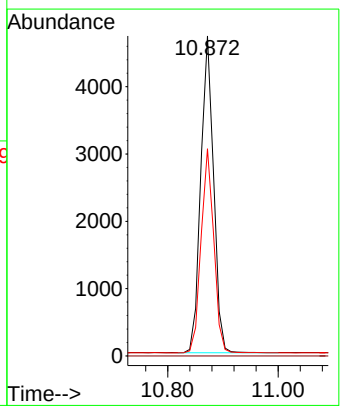


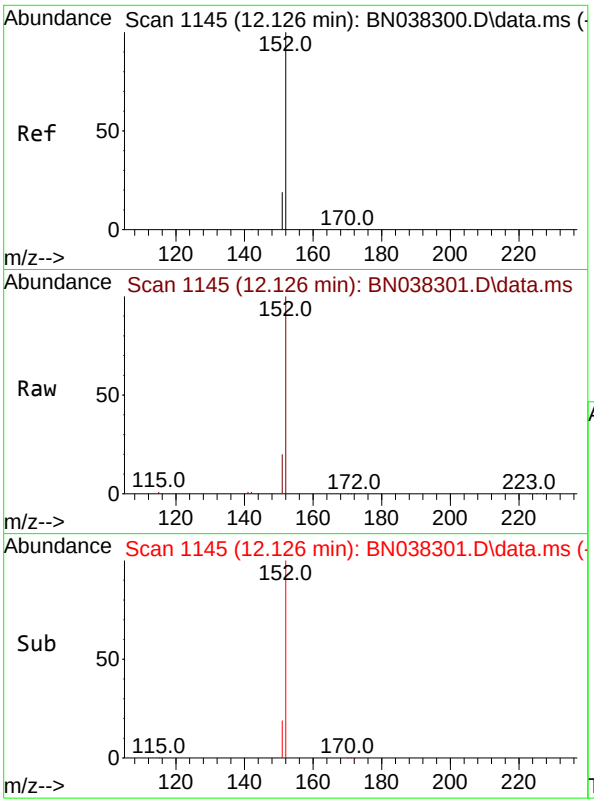


#10
Hexachlorobutadiene
Concen: 0.787 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:225 Resp: 7618

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8



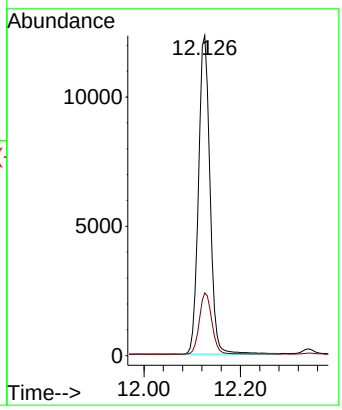


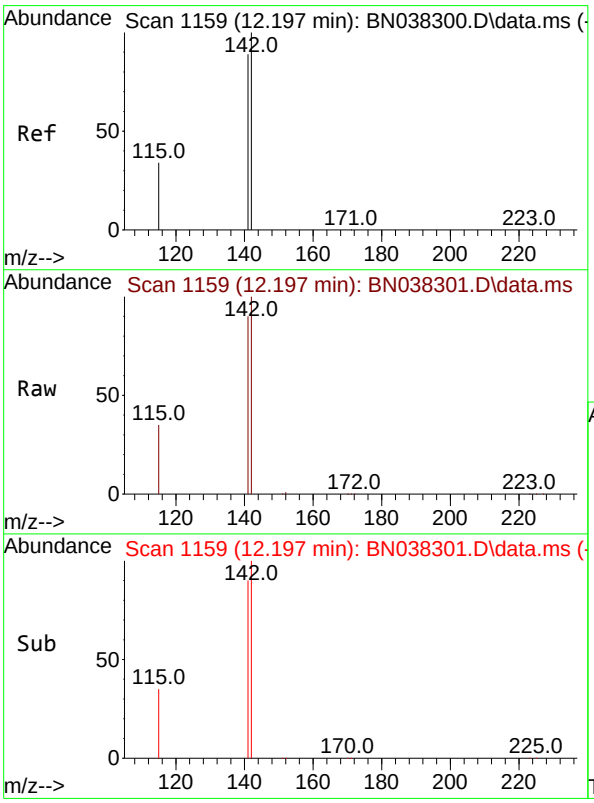
#11
2-Methylnaphthalene-d10
Concen: 0.785 ng
RT: 12.126 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 20420

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6

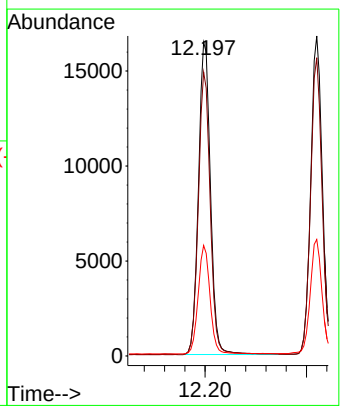


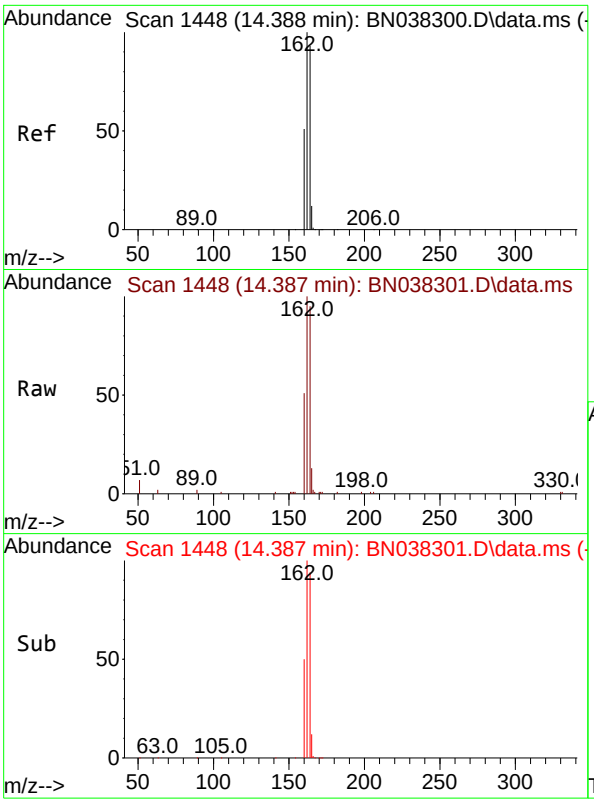


#12
2-Methylnaphthalene
Concen: 0.786 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:142 Resp: 27173

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	35.2	28.4	42.6



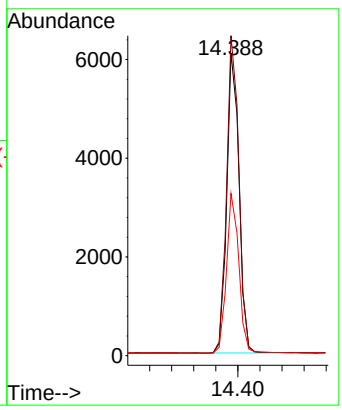


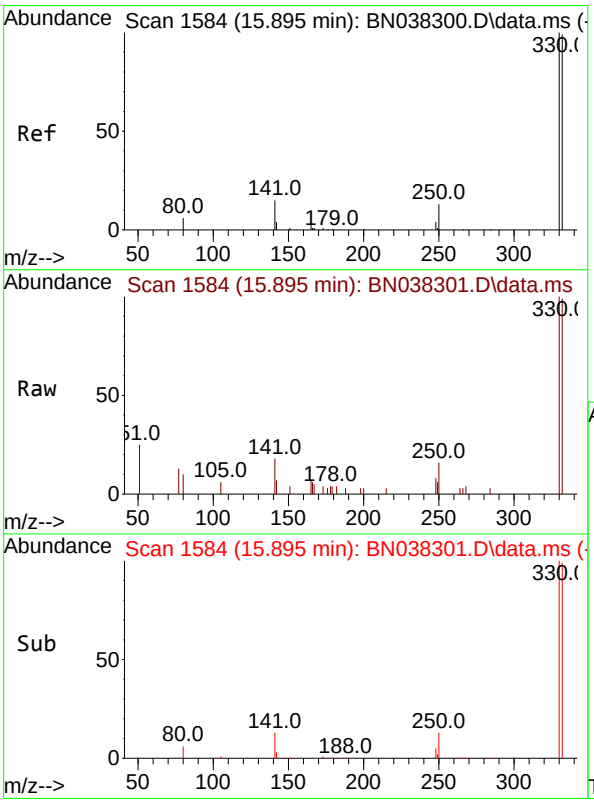
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 9355

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.2	129.4
160	53.6	44.6	67.0

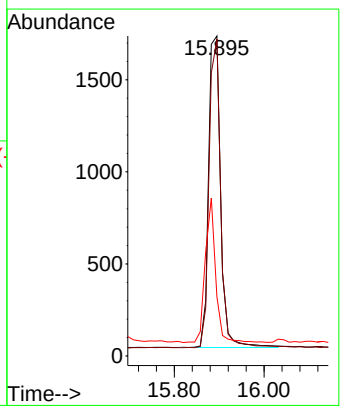


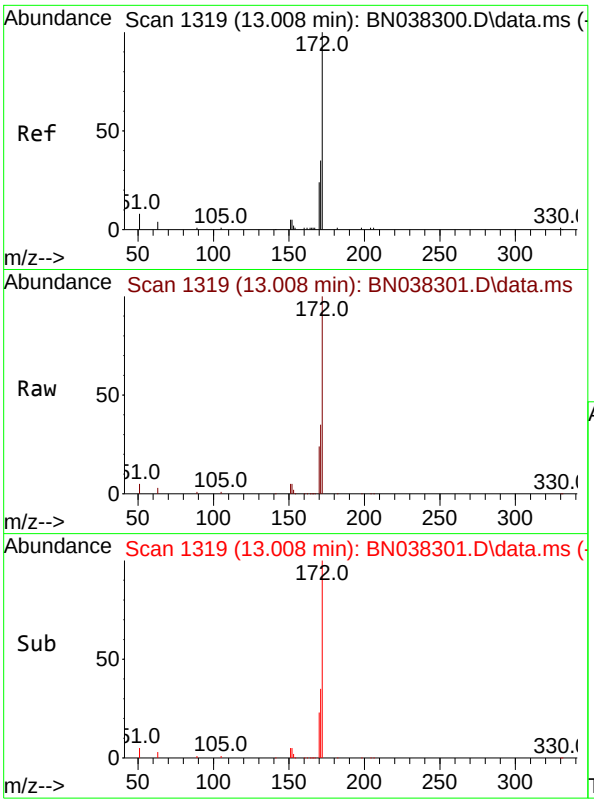


#14
2,4,6-Tribromophenol
Concen: 0.759 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:330 Resp: 3151

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.6
141	39.9	31.8	47.8



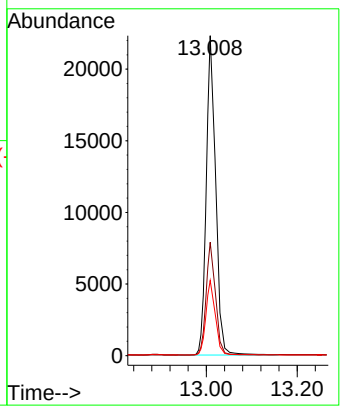


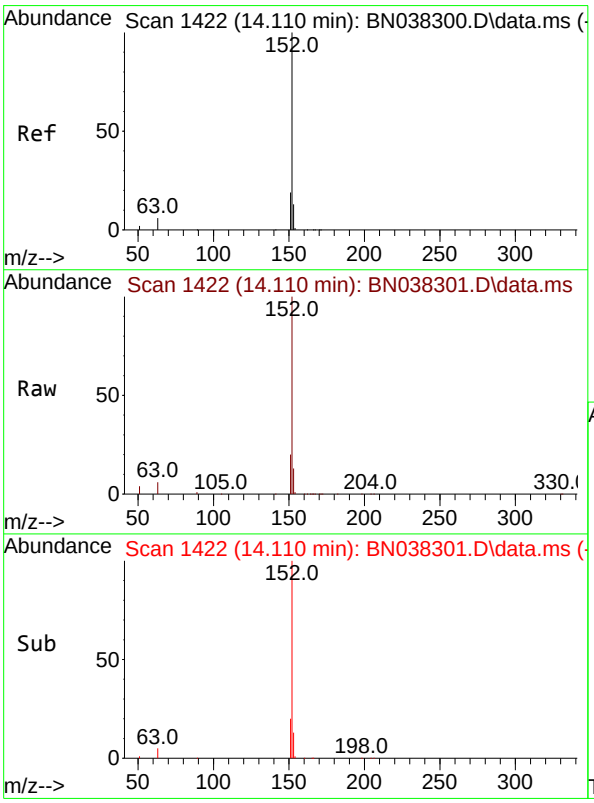
#15
2-Fluorobiphenyl
Concen: 0.763 ng
RT: 13.008 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 34384

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.5	19.3	28.9

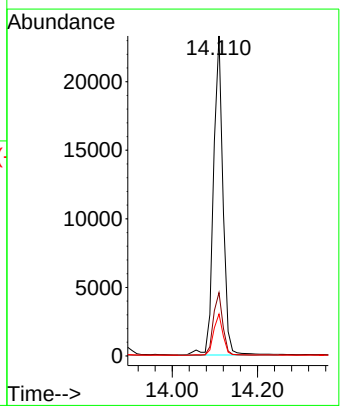


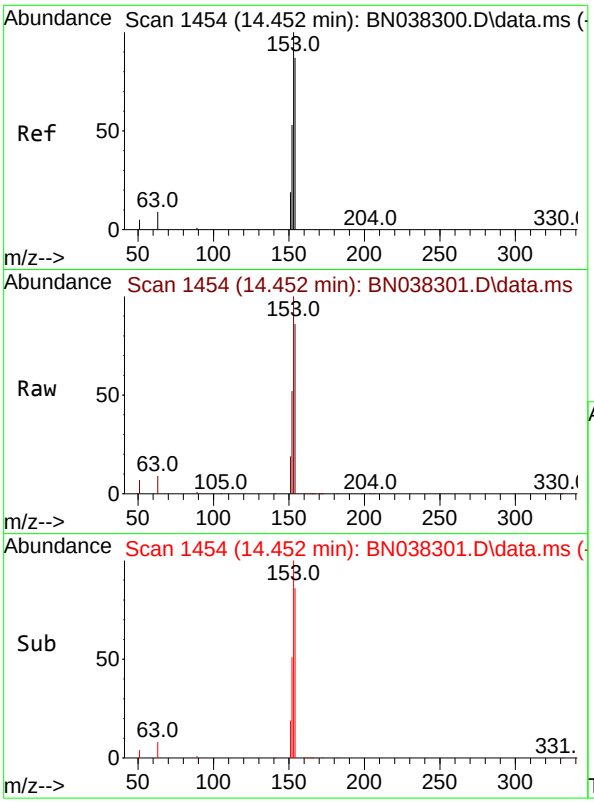


#16
Acenaphthylene
Concen: 0.780 ng
RT: 14.110 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:152 Resp: 35839

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.2	15.4



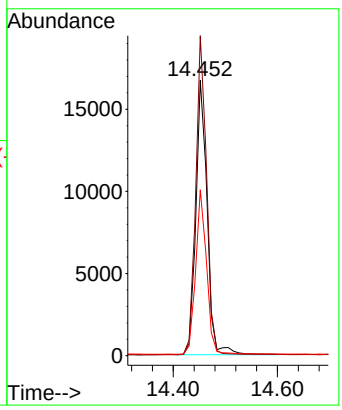


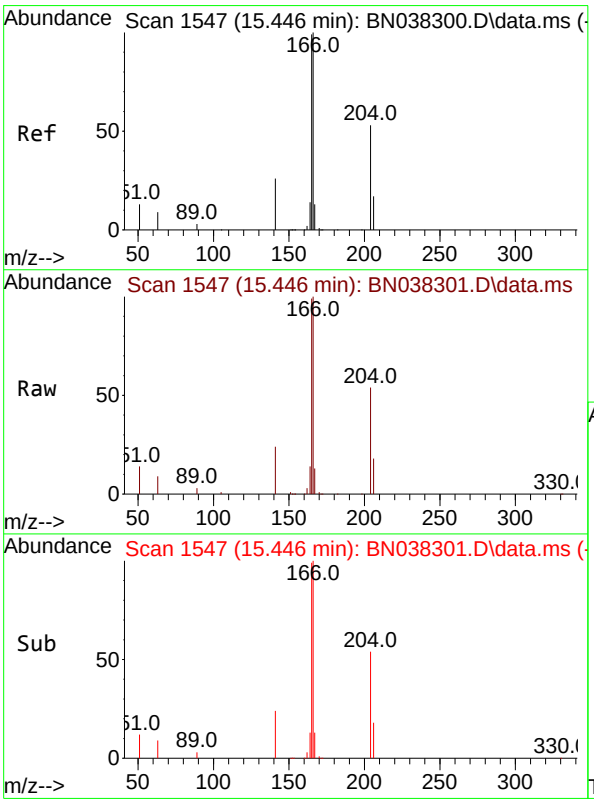
#17
Acenaphthene
Concen: 0.790 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 25275

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.8	134.8
152	58.2	47.5	71.3

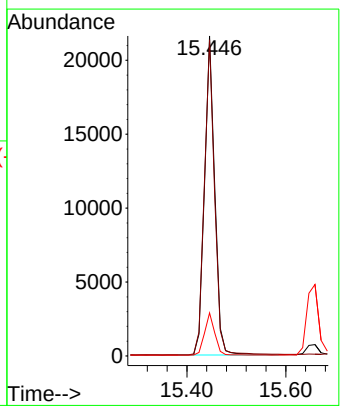


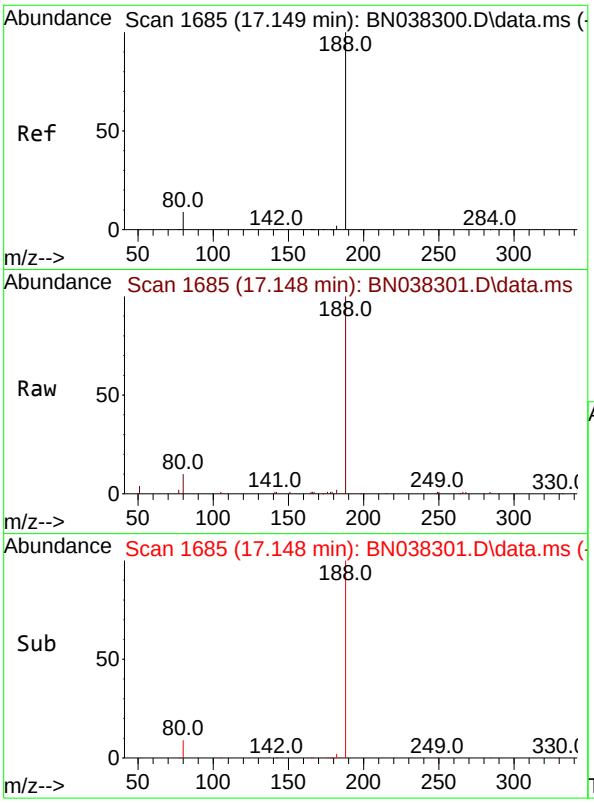


#18
Fluorene
Concen: 0.788 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:166 Resp: 32463

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.2	120.4
167	13.2	10.6	16.0



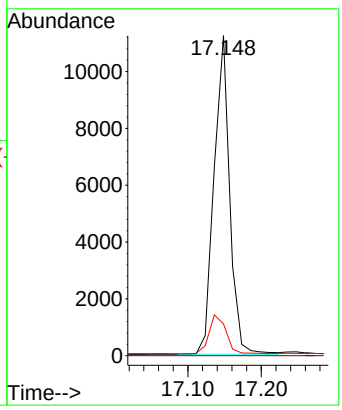


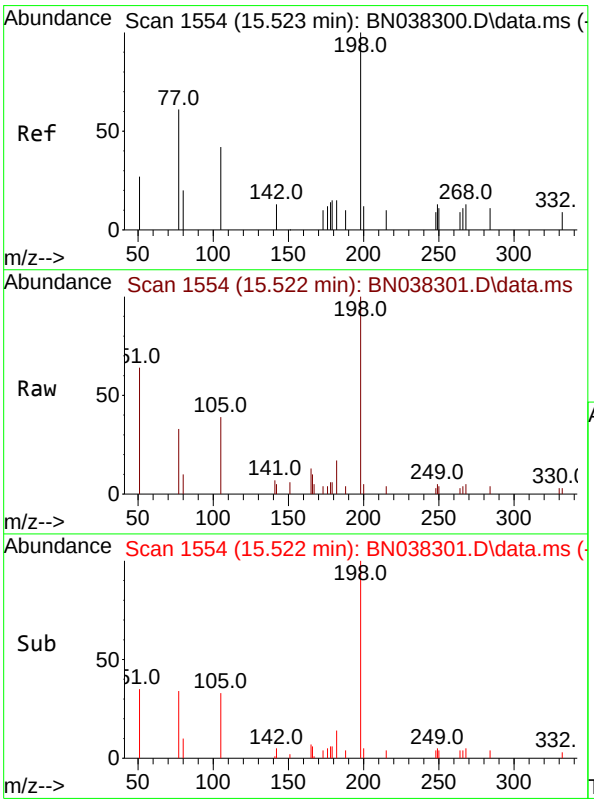
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 16598

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.4	11.0

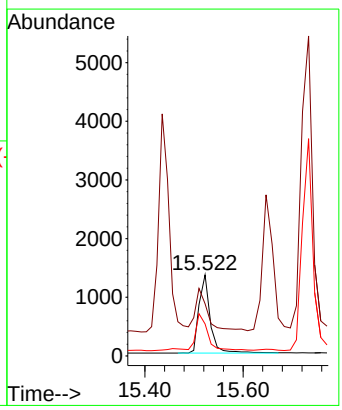


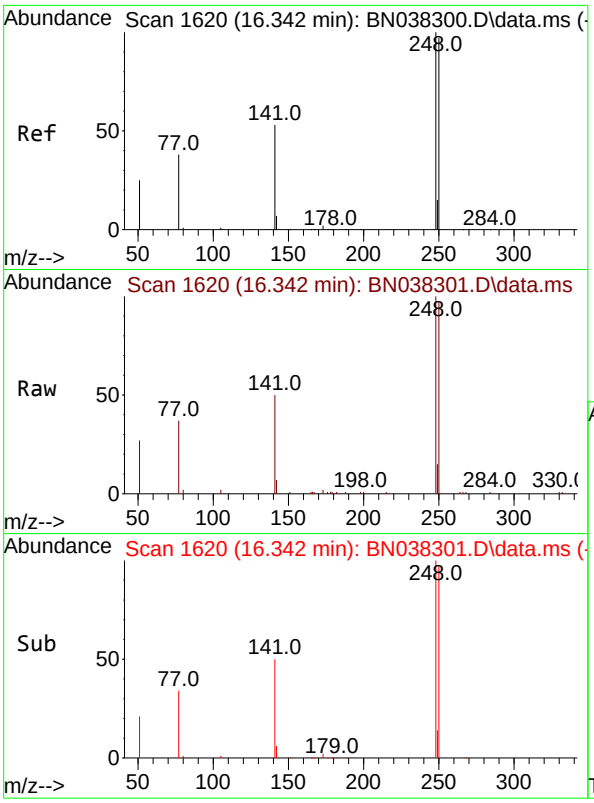


#20
4,6-Dinitro-2-methylphenol
Concen: 0.777 ng
RT: 15.522 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:198 Resp: 2122

Ion	Ratio	Lower	Upper
198	100		
51	64.3	86.3	129.5#
105	39.4	45.3	67.9#



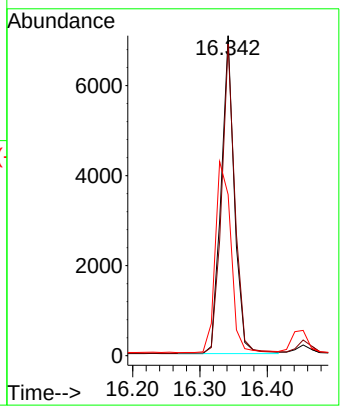


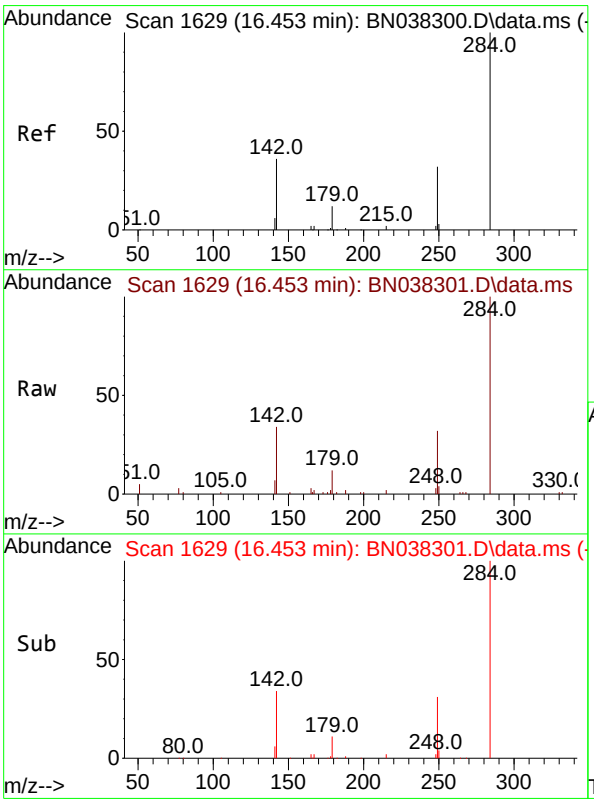
#21
4-Bromophenyl-phenylether
Concen: 0.785 ng
RT: 16.342 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 9669

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.2	117.2
141	50.4	43.7	65.5

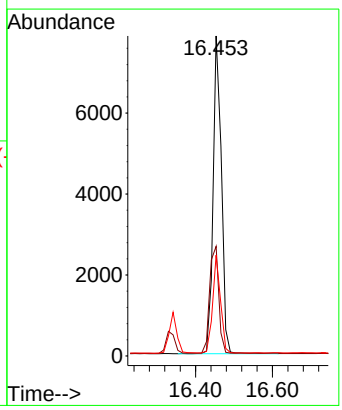


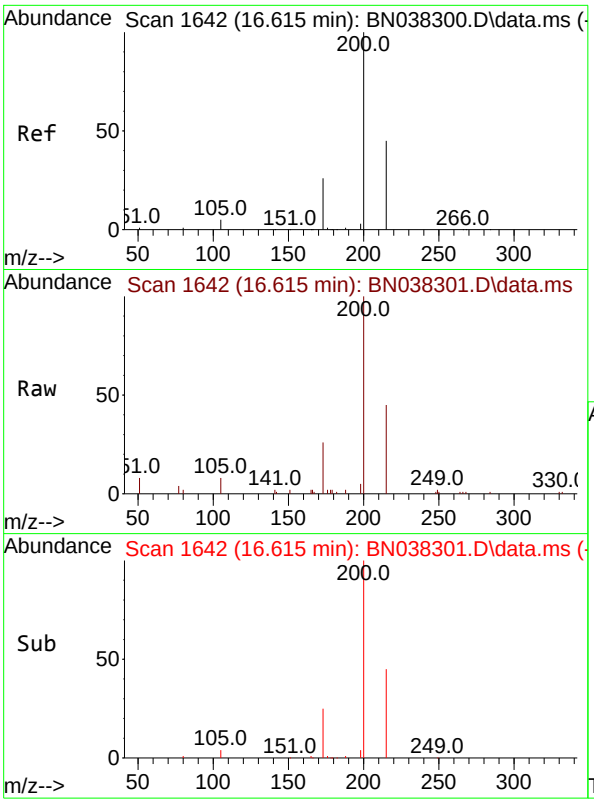


#22
Hexachlorobenzene
Concen: 0.786 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:284 Resp: 11634

Ion	Ratio	Lower	Upper
284	100		
142	37.3	29.5	44.3
249	29.4	23.7	35.5



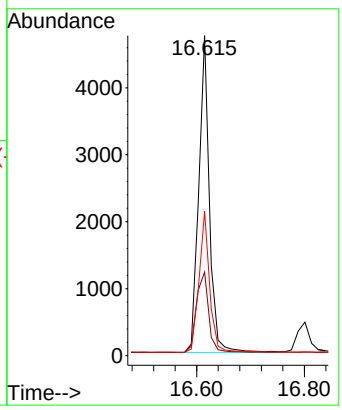


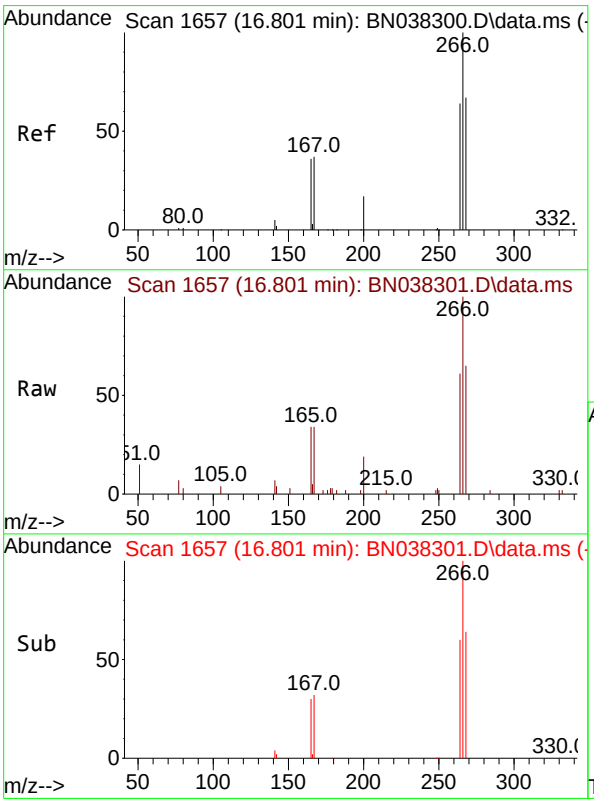
#23
Atrazine
Concen: 0.778 ng
RT: 16.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 6538

Ion	Ratio	Lower	Upper
200	100		
173	26.2	22.1	33.1
215	45.1	37.4	56.2

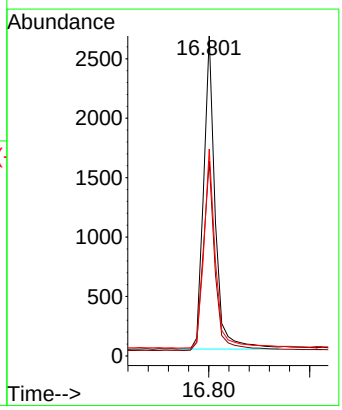


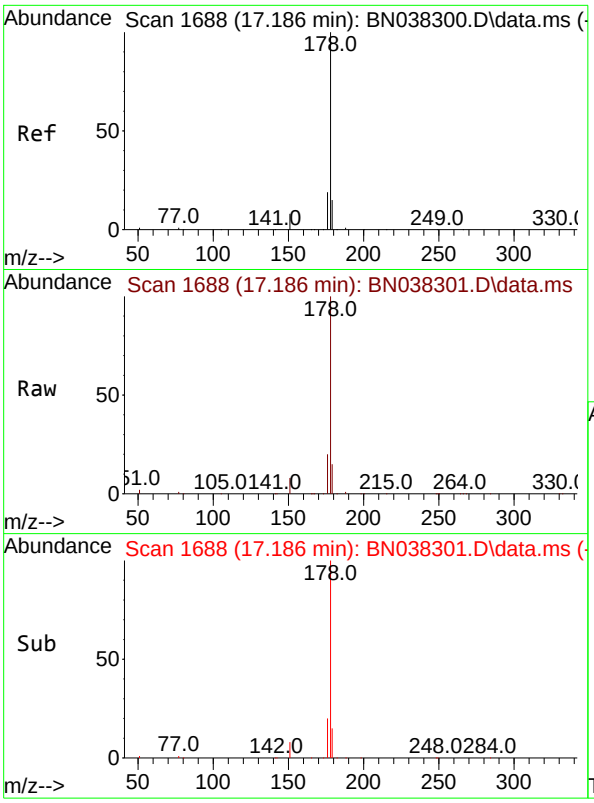


#24
Pentachlorophenol
Concen: 0.727 ng
RT: 16.801 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:266 Resp: 4199

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.2	75.2
268	64.3	52.6	78.8



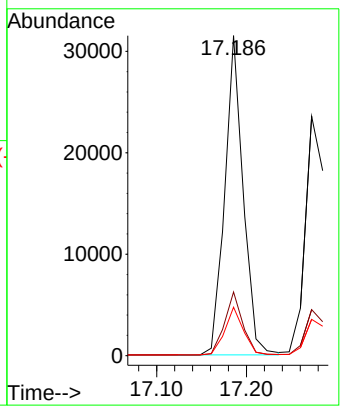


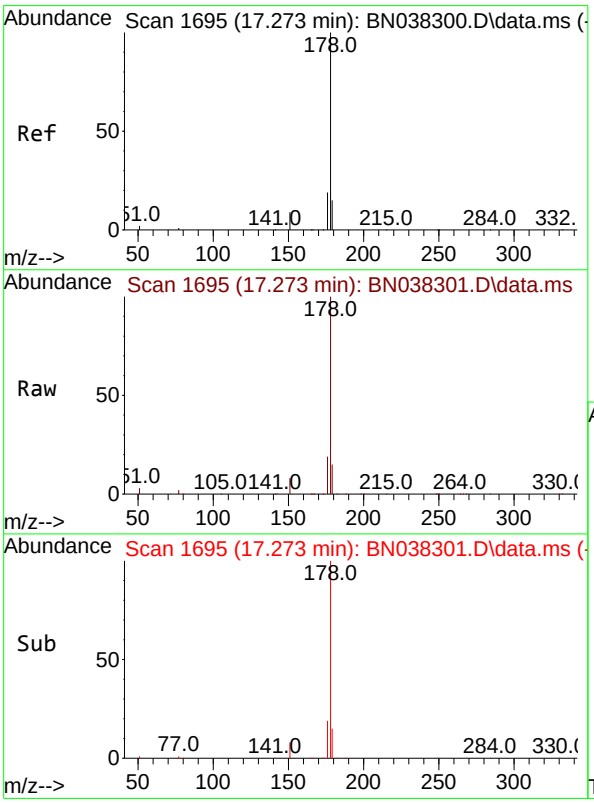
#25
Phenanthrene
Concen: 0.776 ng
RT: 17.186 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 44807

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.2	18.2

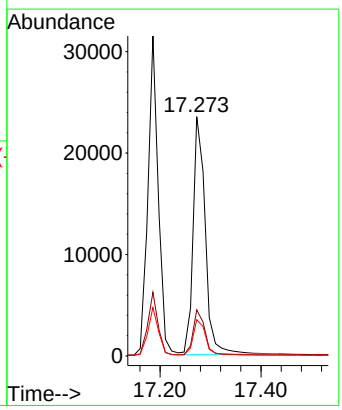


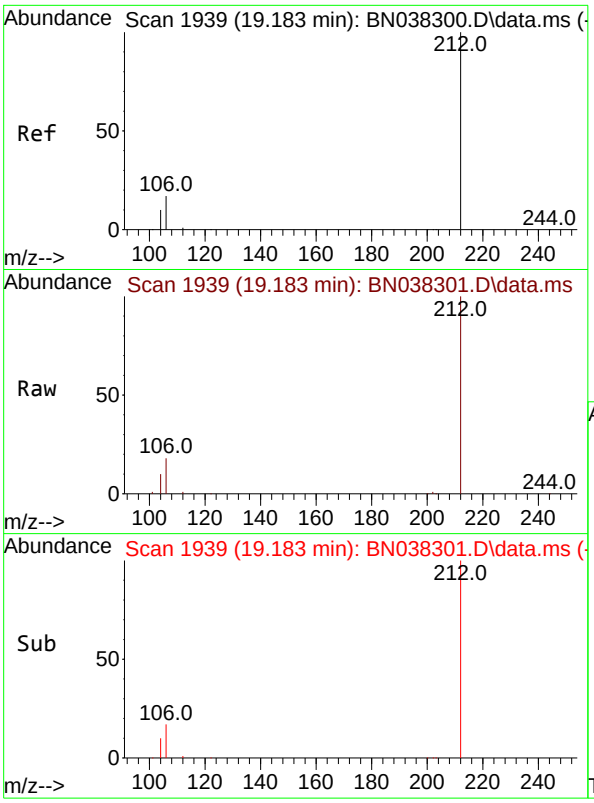


#26
Anthracene
Concen: 0.793 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:178 Resp: 39515

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.2	12.0	18.0



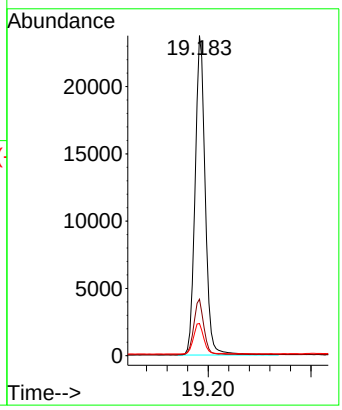


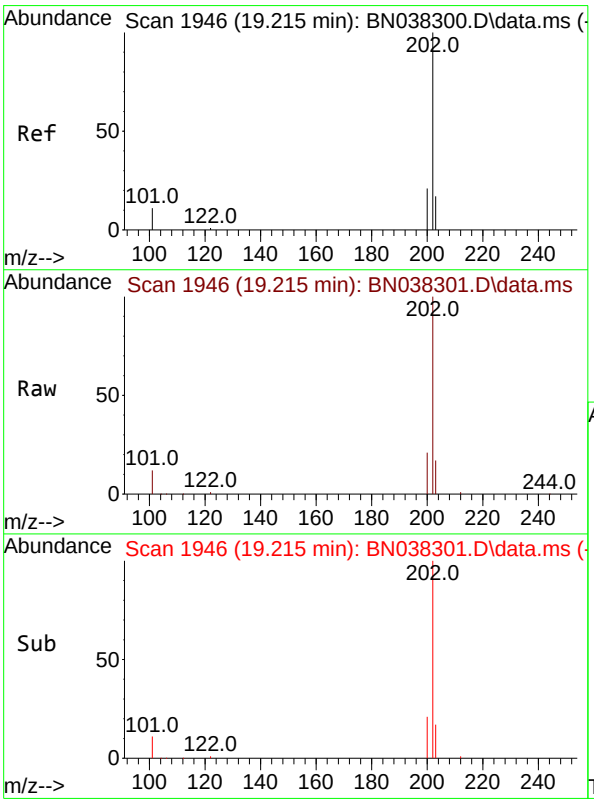
#27
Fluoranthene-d10
Concen: 0.795 ng
RT: 19.183 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 32647

Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.7	20.5
104	9.7	7.8	11.8

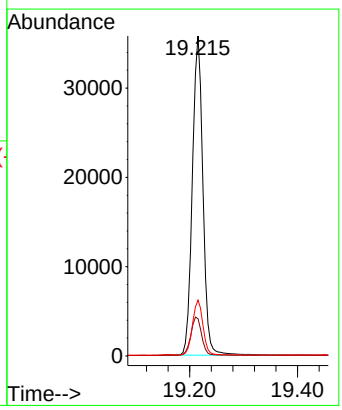


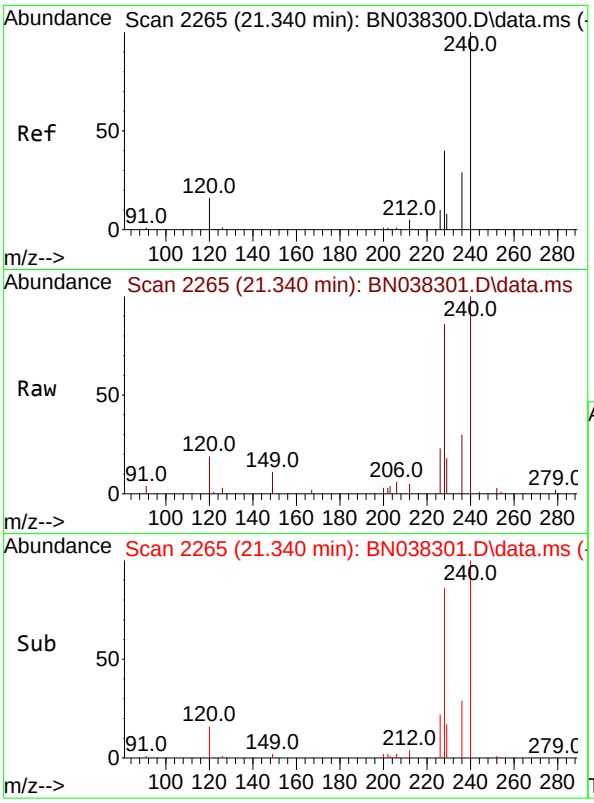


#28
Fluoranthene
Concen: 0.792 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:202 Resp: 48652

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	16.9	13.5	20.3



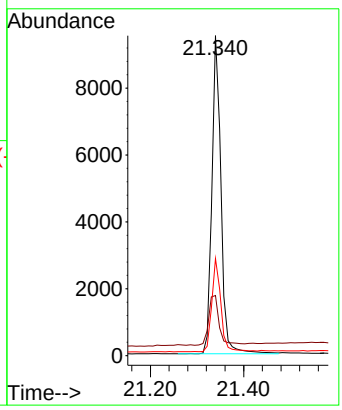


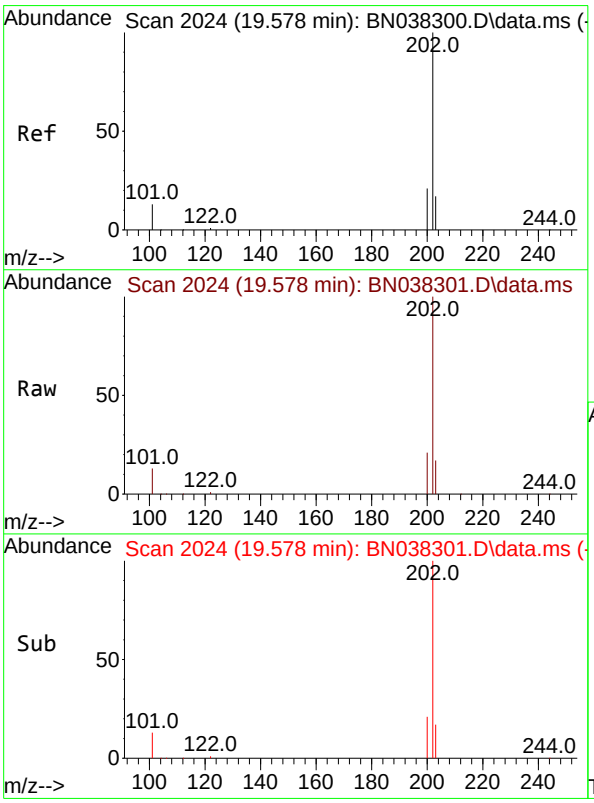
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 12910

Ion	Ratio	Lower	Upper
240	100		
120	18.8	15.4	23.2
236	30.3	23.9	35.9

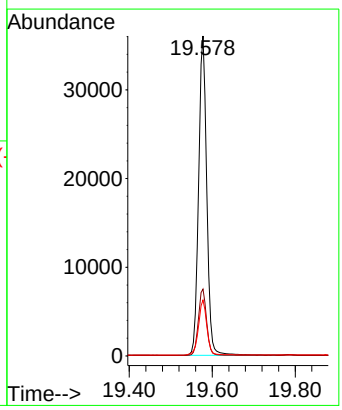


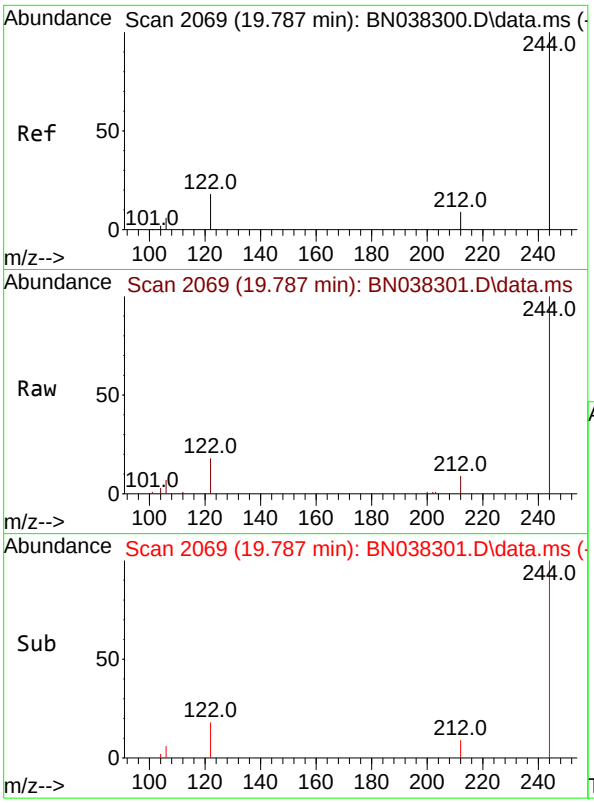


#30
Pyrene
Concen: 0.776 ng
RT: 19.578 min Scan# 2024
Delta R.T. -0.005 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:202 Resp: 49288

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	14.2	21.2



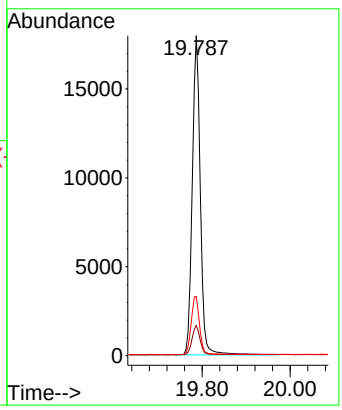


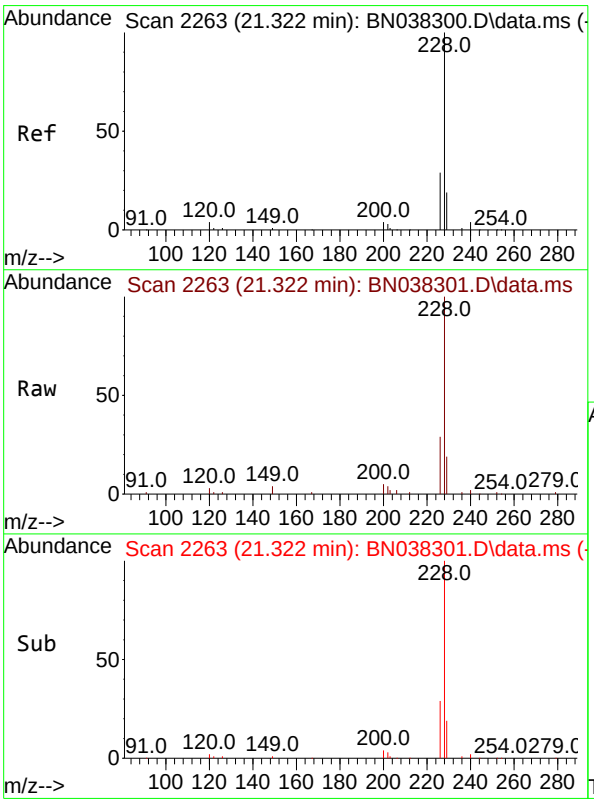
#31
Terphenyl-d14
Concen: 0.789 ng
RT: 19.787 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 22718

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	18.5	15.0	22.6

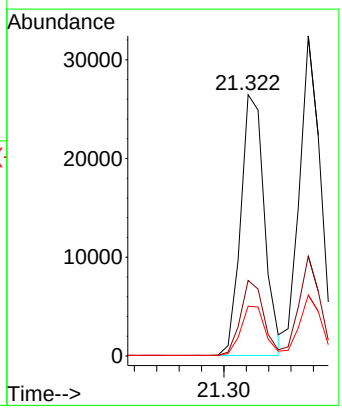


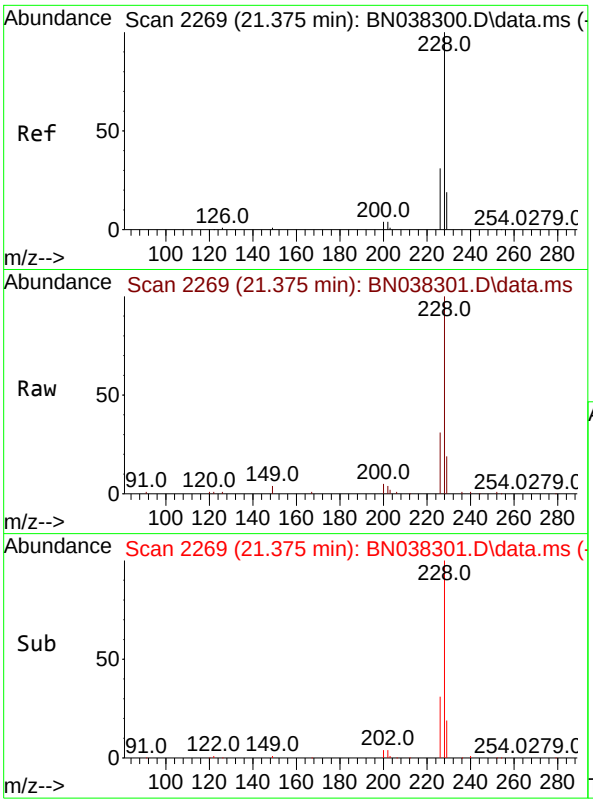


#32
Benzo(a)anthracene
Concen: 0.777 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.009 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:228 Resp: 38762

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.3	34.9
229	19.1	15.7	23.5



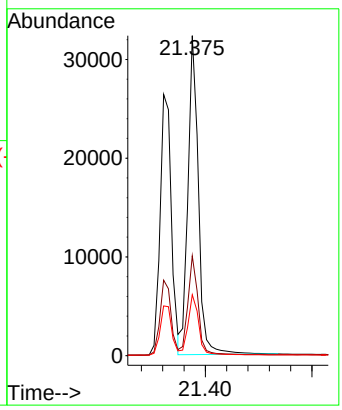


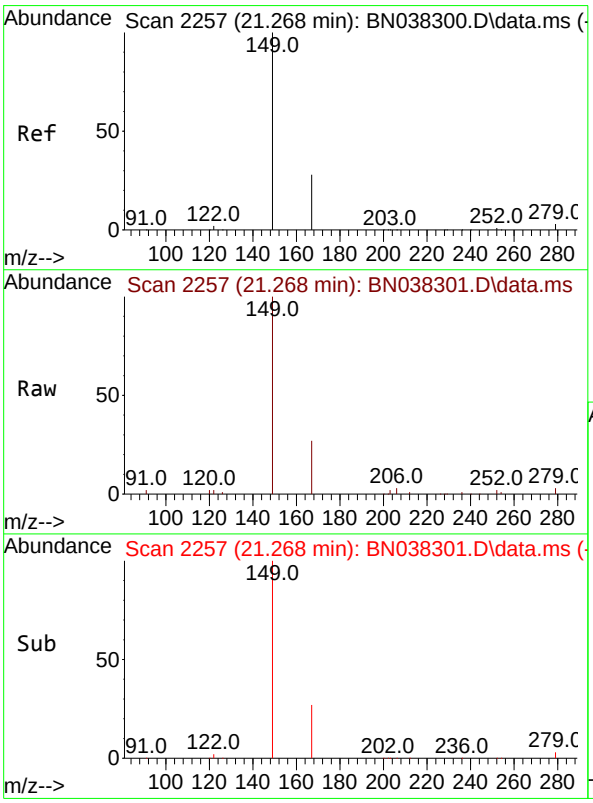
#33
Chrysene
Concen: 0.804 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 44128

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.4
229	19.1	15.5	23.3

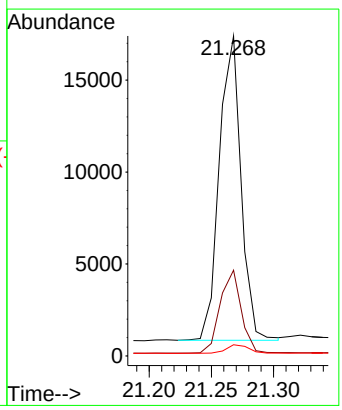


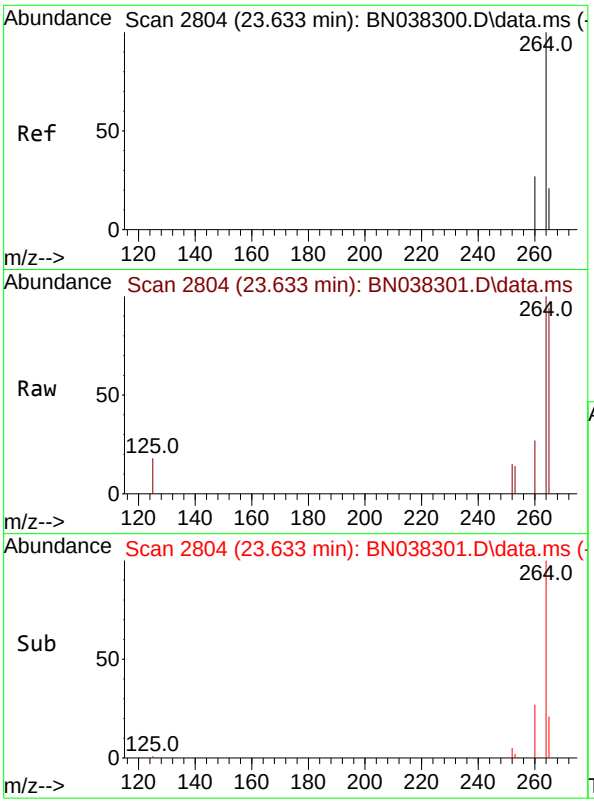


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.735 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:149 Resp: 20109

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	3.1	2.4	3.6



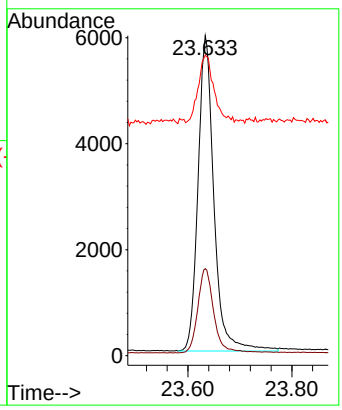


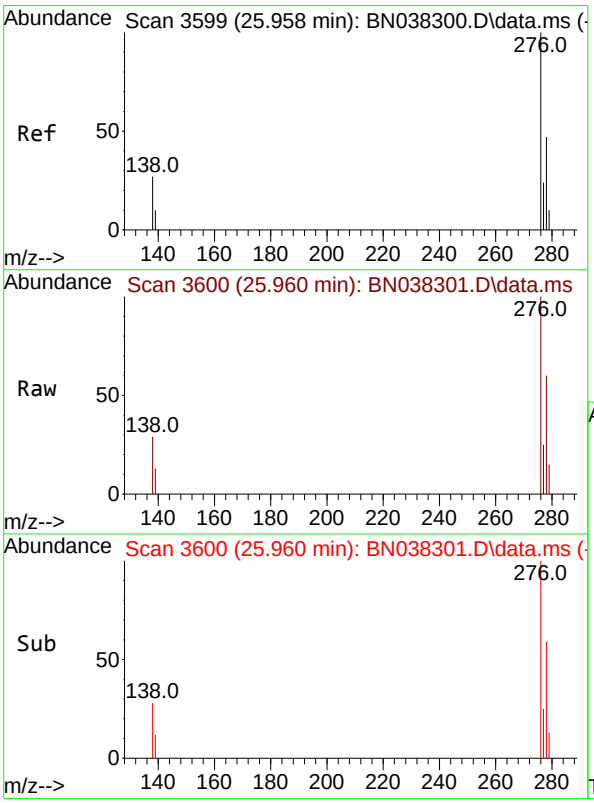
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 12619

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.2	33.2
265	93.9	80.2	120.2

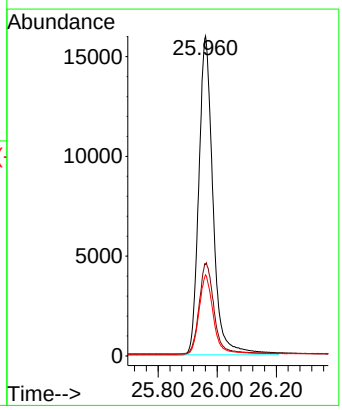


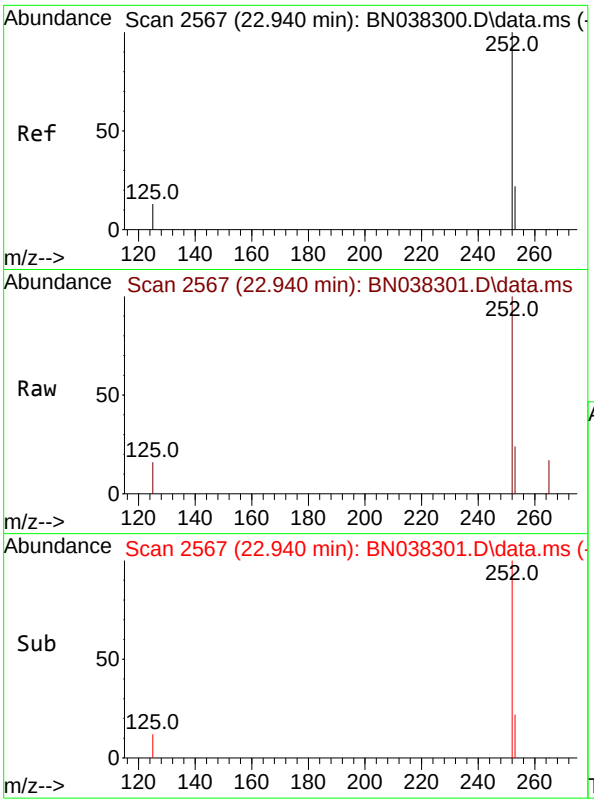


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.798 ng
RT: 25.960 min Scan# 3600
Delta R.T. -0.003 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:276 Resp: 53409

Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.6	35.4
277	24.4	19.7	29.5



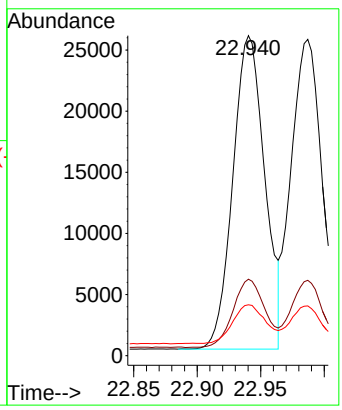


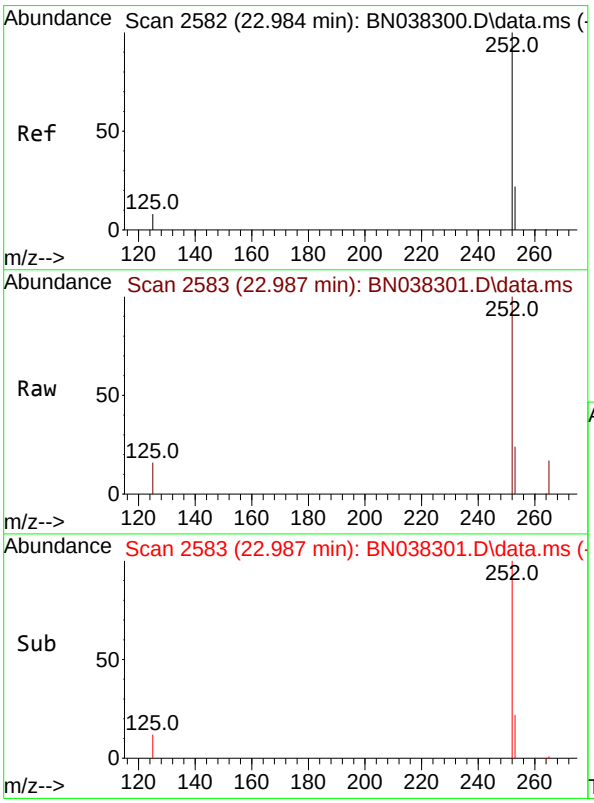
#37
Benzo(b)fluoranthene
Concen: 0.773 ng
RT: 22.940 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 44814

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.1	31.7
125	15.9	16.4	24.6#

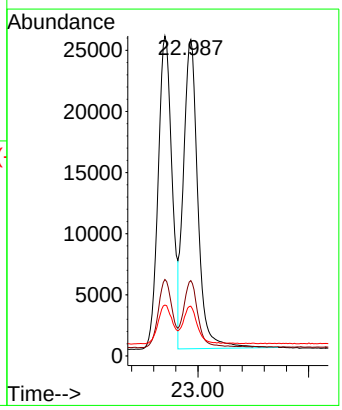


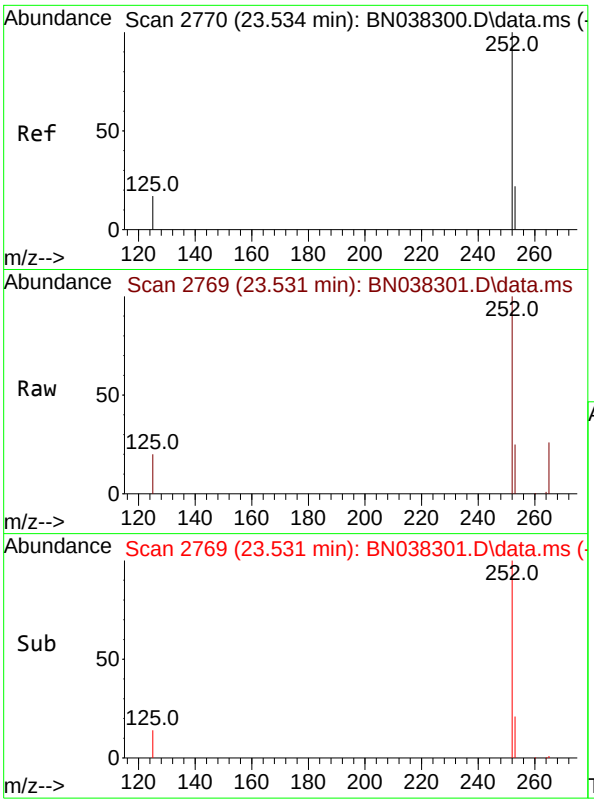


#38
Benzo(k)fluoranthene
Concen: 0.791 ng
RT: 22.987 min Scan# 2583
Delta R.T. -0.003 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:252 Resp: 45726

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.4	32.0
125	15.7	16.2	24.2#



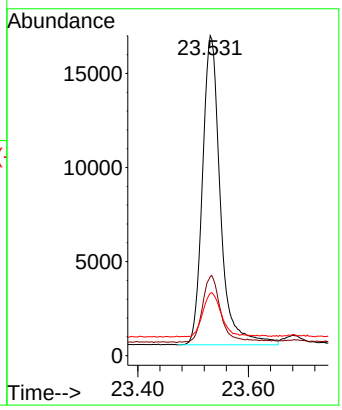


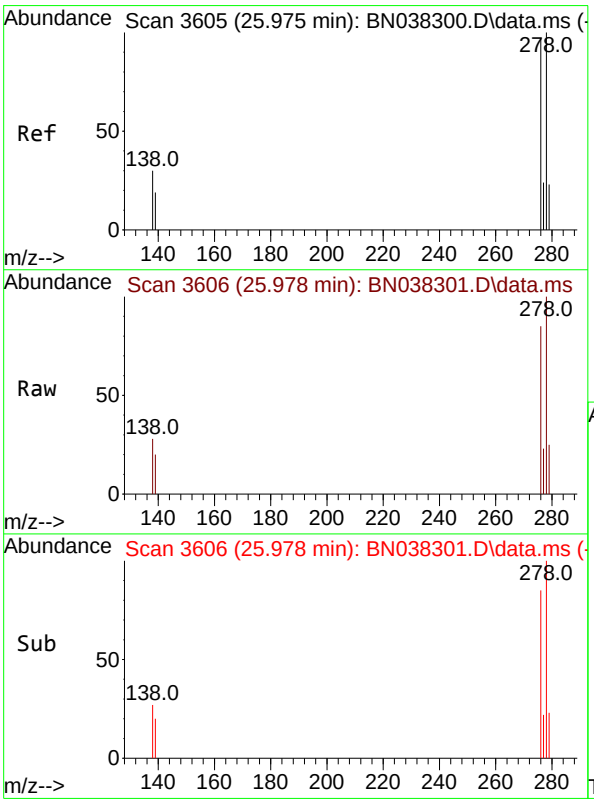
#39
Benzo(a)pyrene
Concen: 0.776 ng
RT: 23.531 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 36830

Ion	Ratio	Lower	Upper
252	100		
253	24.7	23.3	34.9
125	19.5	22.4	33.6#

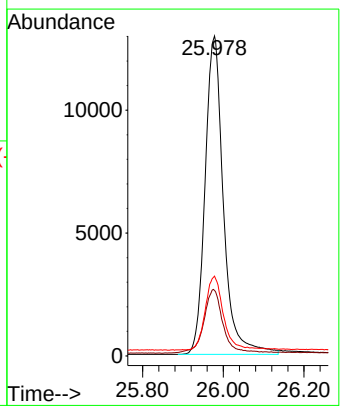


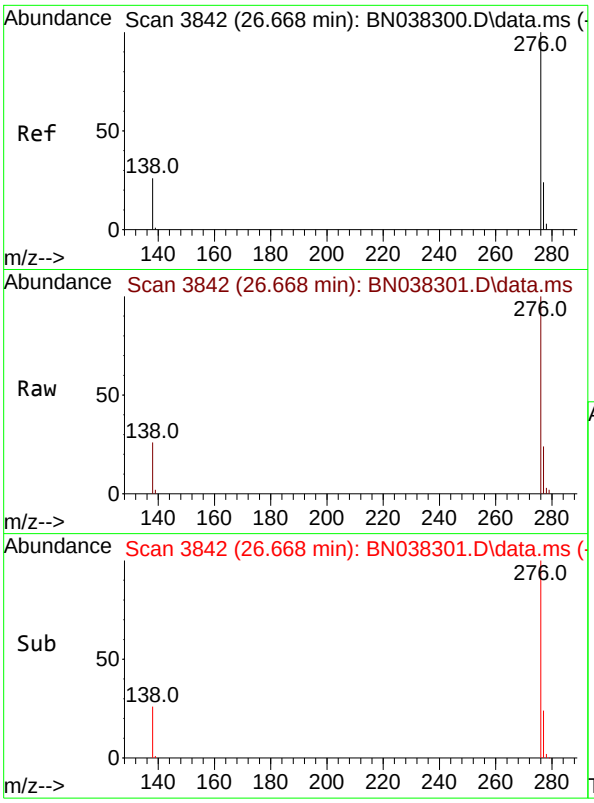


#40
Dibenzo(a,h)anthracene
Concen: 0.794 ng
RT: 25.978 min Scan# 3606
Delta R.T. -0.003 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Tgt Ion:278 Resp: 40988

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.8	26.8
279	25.0	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.790 ng
RT: 26.668 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN038301.D
Acq: 10 Dec 2025 11:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 45587

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.0	30.0
138	26.3	21.8	32.6