Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038150.D
Acq On : 07 Nov 2025 11:27
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1

Quant Time: Nov 07 11:52:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10682	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	34512	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	21143	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	39293	0.400	ng	0.00
29) Chrysene-d12	21.375	240	27007	0.400	ng	0.00
35) Perylene-d12	23.680	264	21896	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4556	0.181	ng	0.00
5) Phenol-d6	6.937	99	4076	0.133	ng	0.00
8) Nitrobenzene-d5	8.918	82	9385	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	16461	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4244	0.487	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	25711	0.304	ng	0.00
27) Fluoranthene-d10	19.220	212	36896	0.372	ng	0.00
31) Terphenyl-d14	19.819	244	29953	0.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	651509	59.029	ng	100
3) n-Nitrosodimethylamine	3.535	42	5228	0.368	ng	# 1
6) bis(2-Chloroethyl)ether	7.103	93	67408	2.239	ng	# 26
9) Naphthalene	10.626	128	3096	0.033	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.547	198	42	0.189	ng	# 1
26) Anthracene	17.310	178	2749	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	7413	0.146	ng	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
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Acq On : 07 Nov 2025 11:27
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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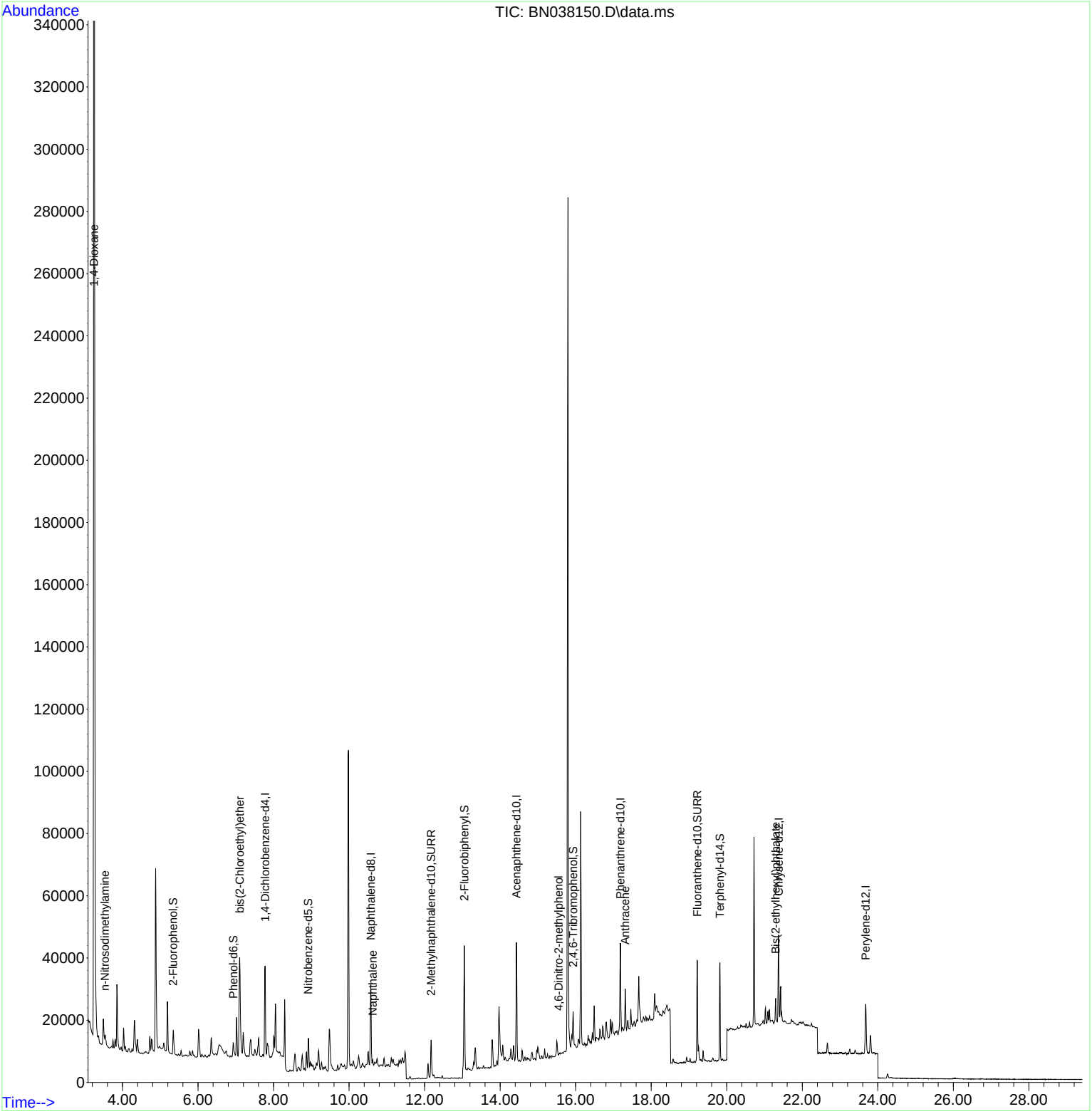
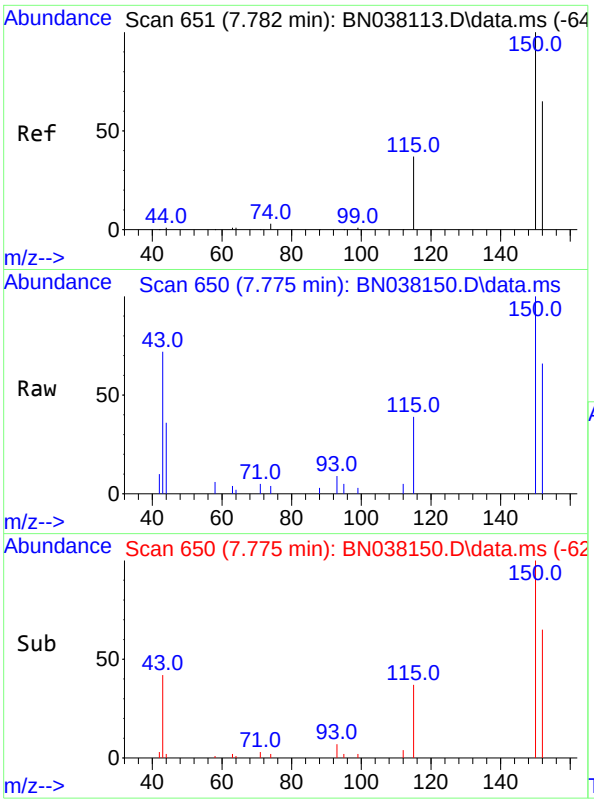
Quant Time: Nov 07 11:52:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



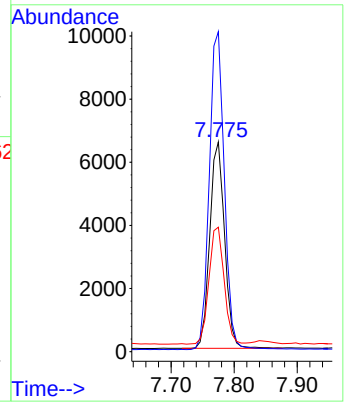


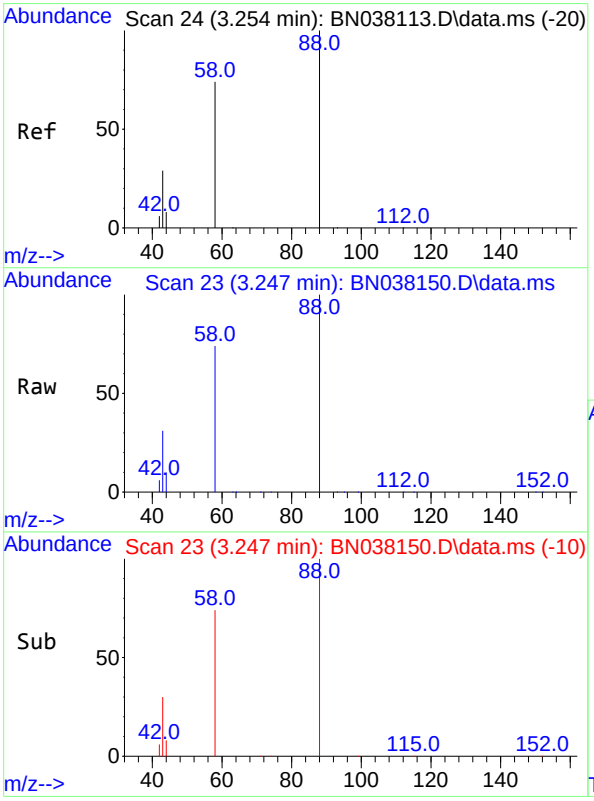
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 10682

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.3	183.5
115	59.3	47.4	71.0

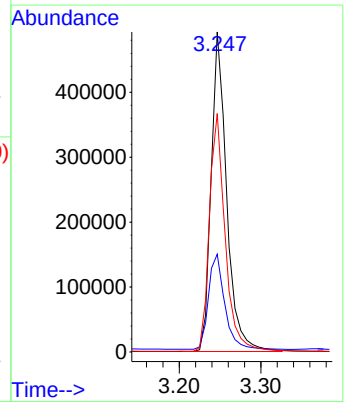


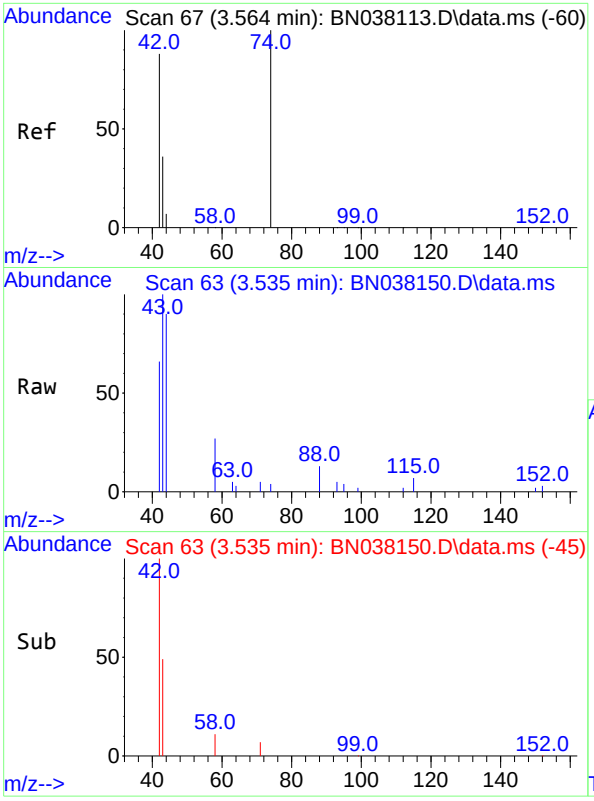


#2
1,4-Dioxane
Concen: 59.029 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 88 Resp: 651509

Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.3	36.5
58	75.6	60.4	90.6



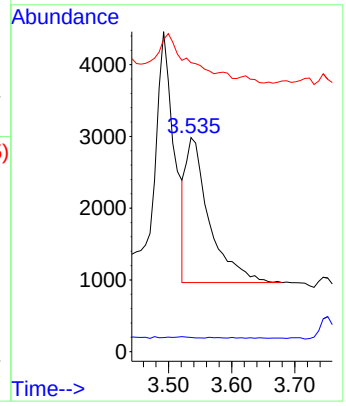


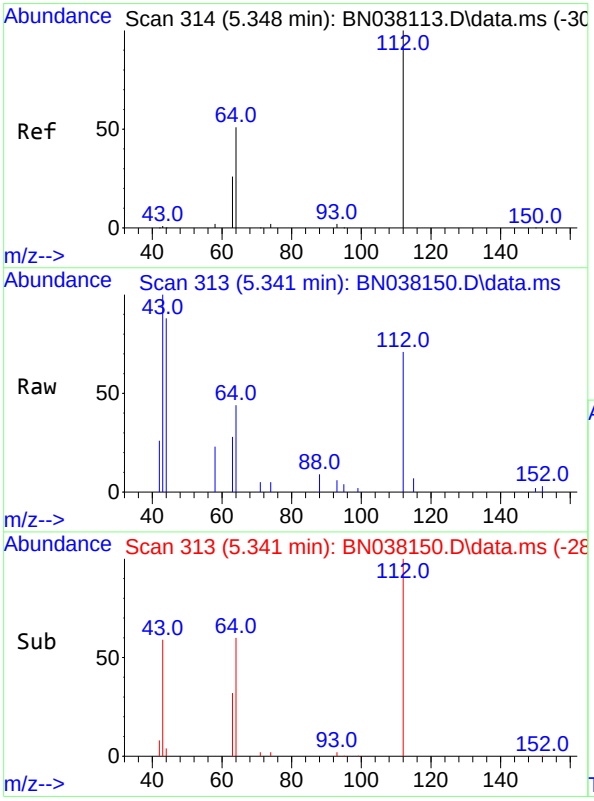
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.535 min Scan# 6
Delta R.T. -0.022 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion: 42 Resp: 5228

Ion	Ratio	Lower	Upper
42	100		
74	0.9	96.8	145.2#
44	0.0	5.3	7.9#

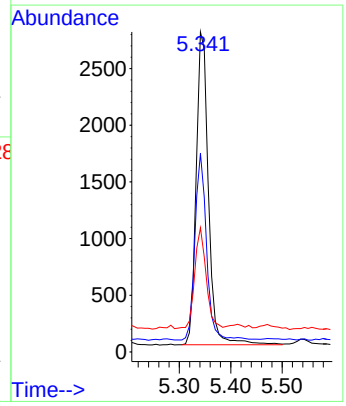


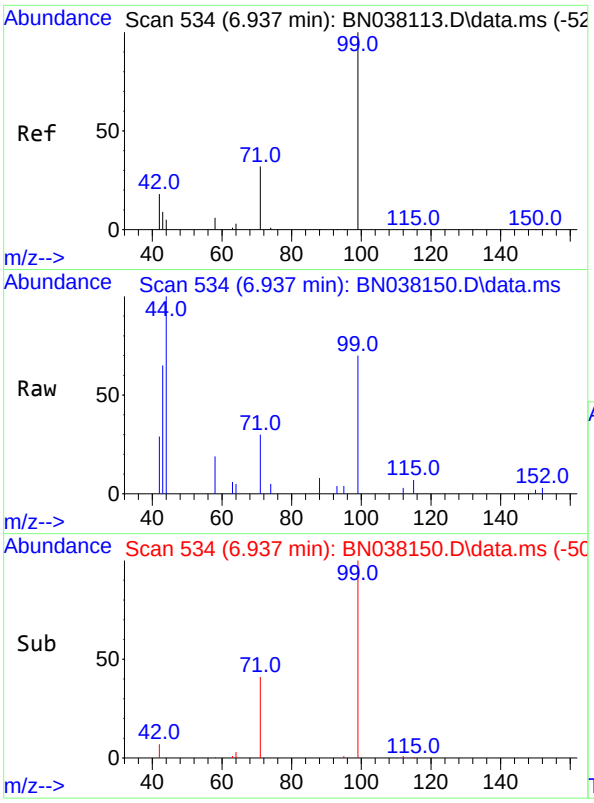


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:112 Resp: 4556

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.0
63	30.6	23.2	34.8



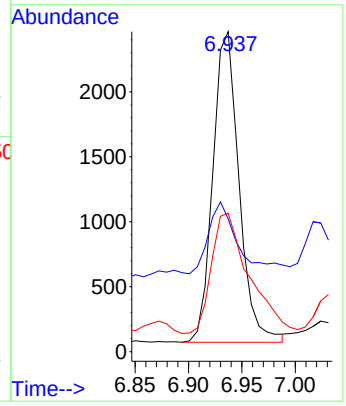


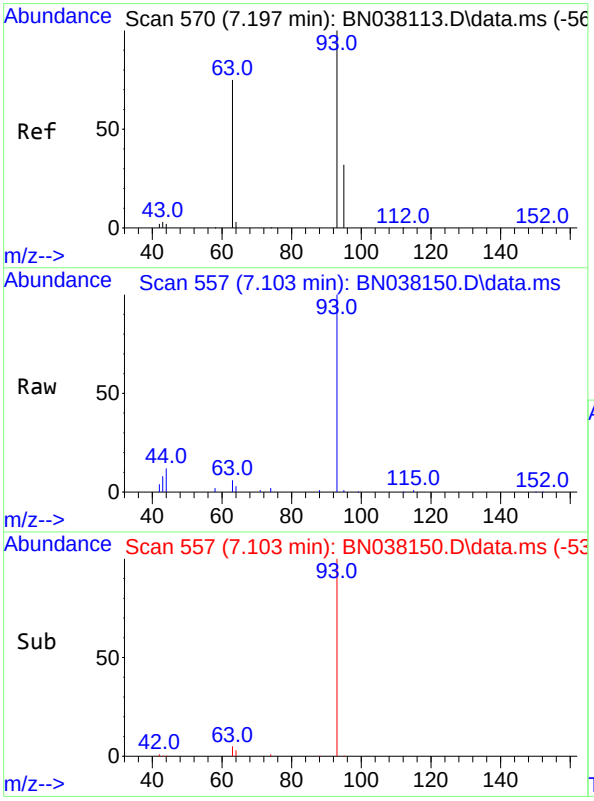
#5
Phenol-d6
Concen: 0.133 ng
RT: 6.937 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 4076

Ion	Ratio	Lower	Upper
99	100		
42	30.3	16.6	24.8#
71	55.8	25.4	38.2#

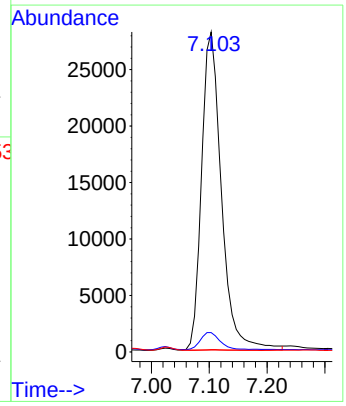


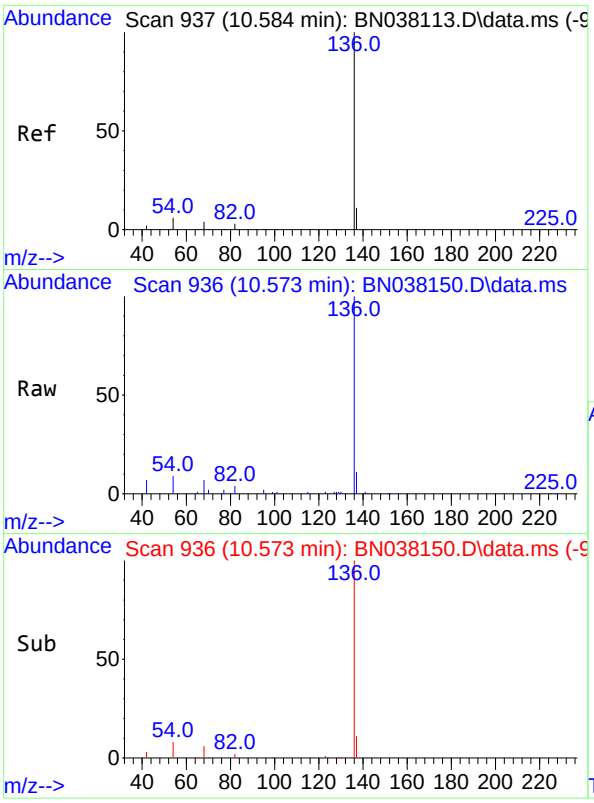


#6
bis(2-Chloroethyl)ether
Concen: 2.239 ng
RT: 7.103 min Scan# 557
Delta R.T. -0.094 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 93 Resp: 67408

Ion	Ratio	Lower	Upper
93	100		
63	5.4	59.3	88.9#
95	0.3	25.2	37.8#



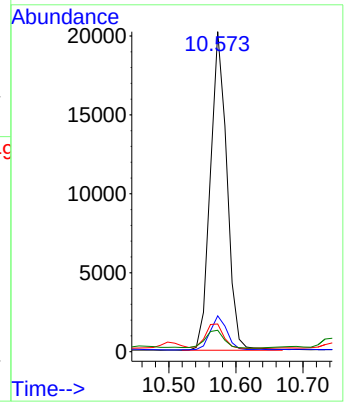


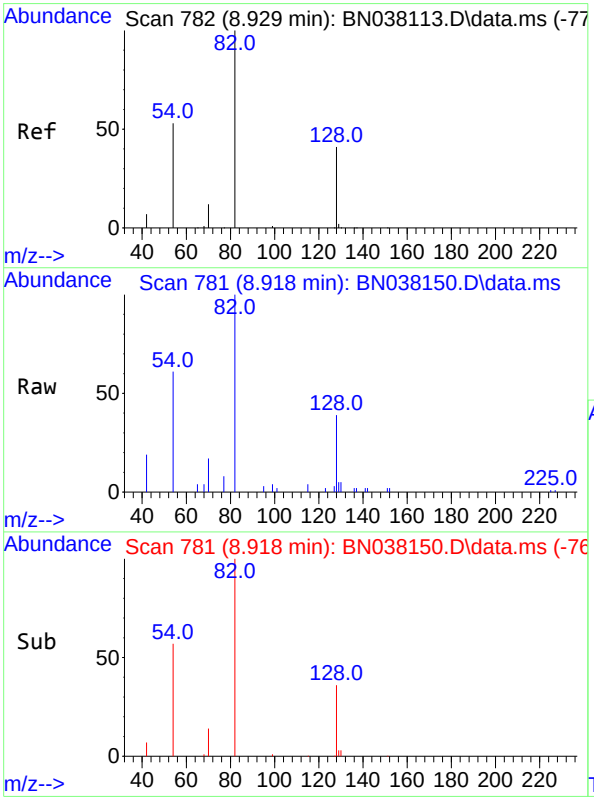
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:136 Resp: 34512

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.6	5.2	7.8#
68	6.7	4.1	6.1#

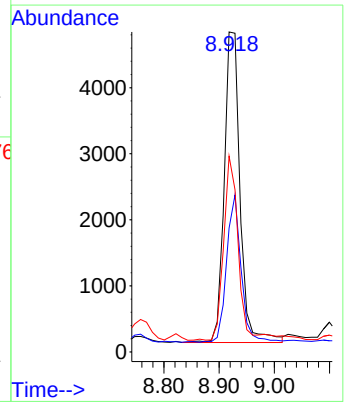


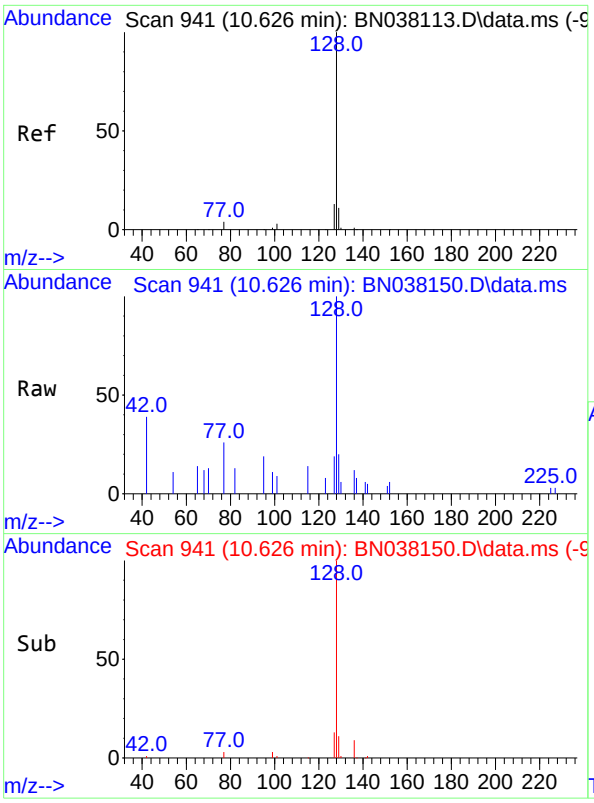


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 82 Resp: 9385

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.1	51.1
54	61.2	43.5	65.3



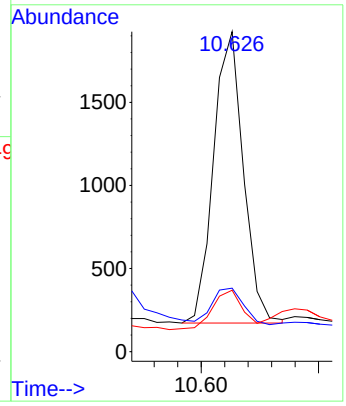


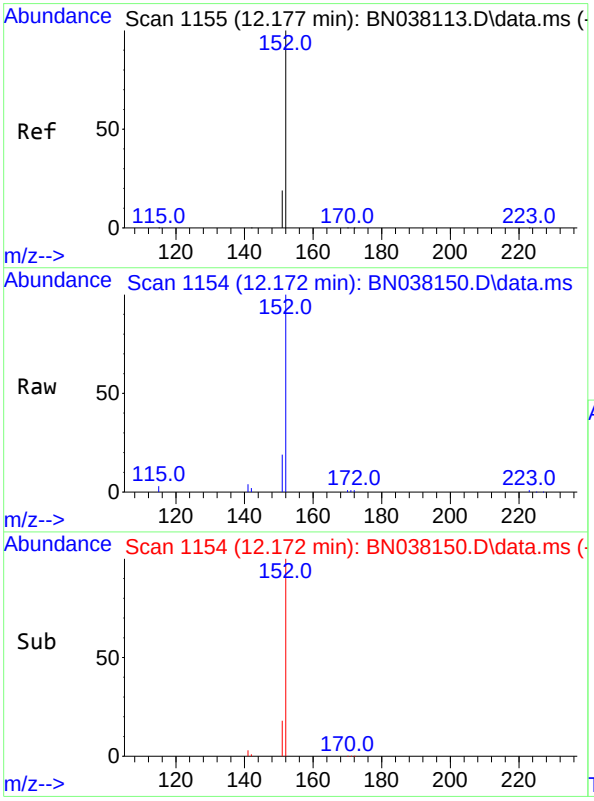
#9
Naphthalene
Concen: 0.033 ng
RT: 10.626 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:128 Resp: 3096

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.1	13.7#
127	19.2	10.5	15.7#

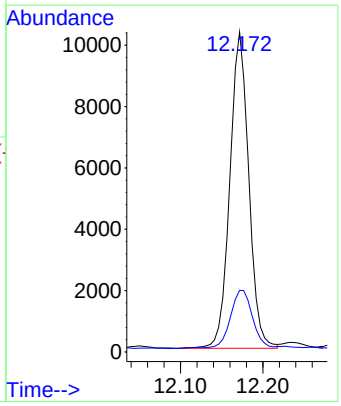


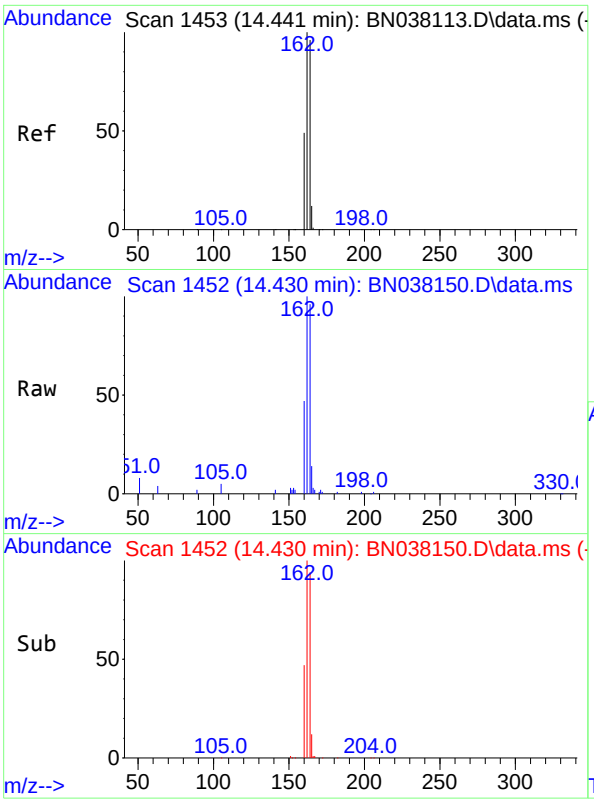


#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:152 Resp: 16461

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2



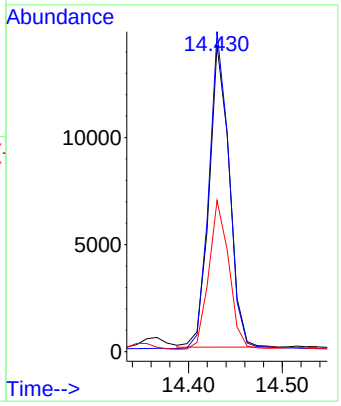


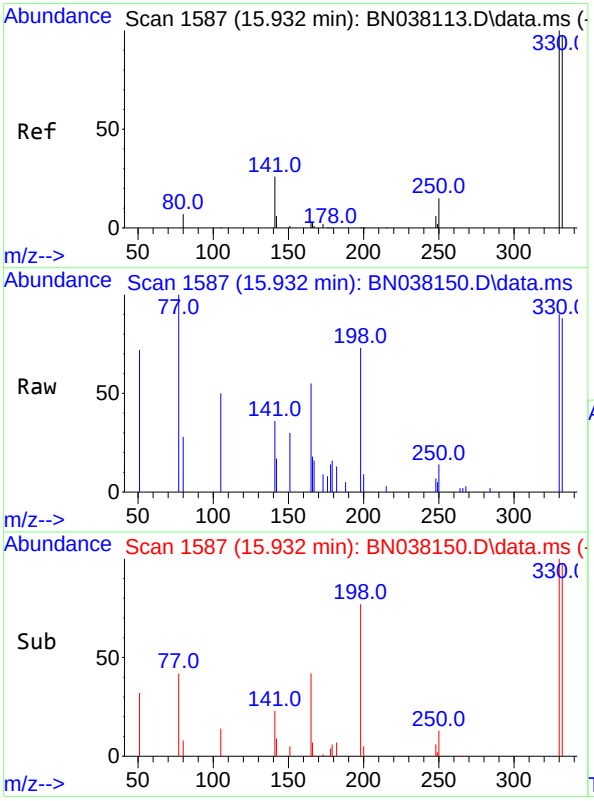
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 21143

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	49.3	40.7	61.1

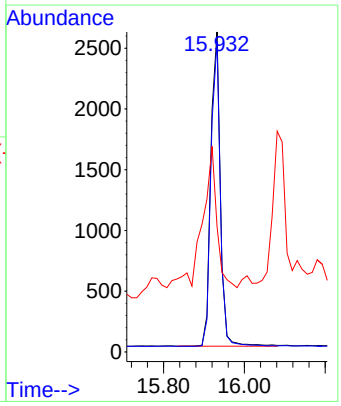


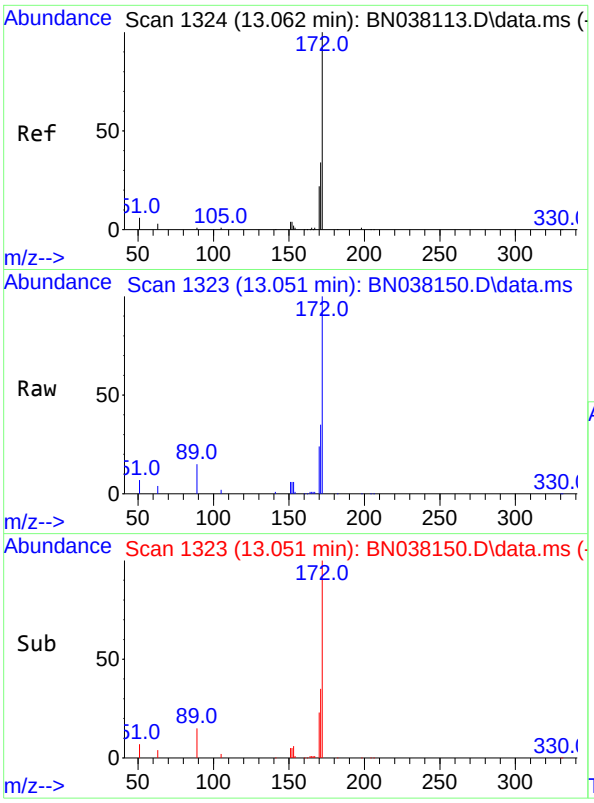


#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:330 Resp: 4244

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	68.0	34.1	51.1#



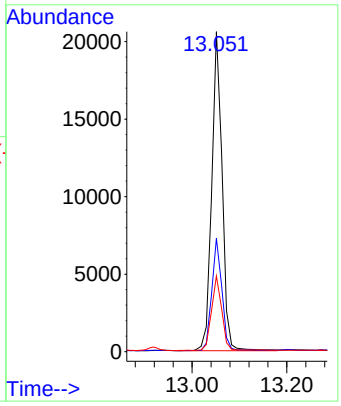


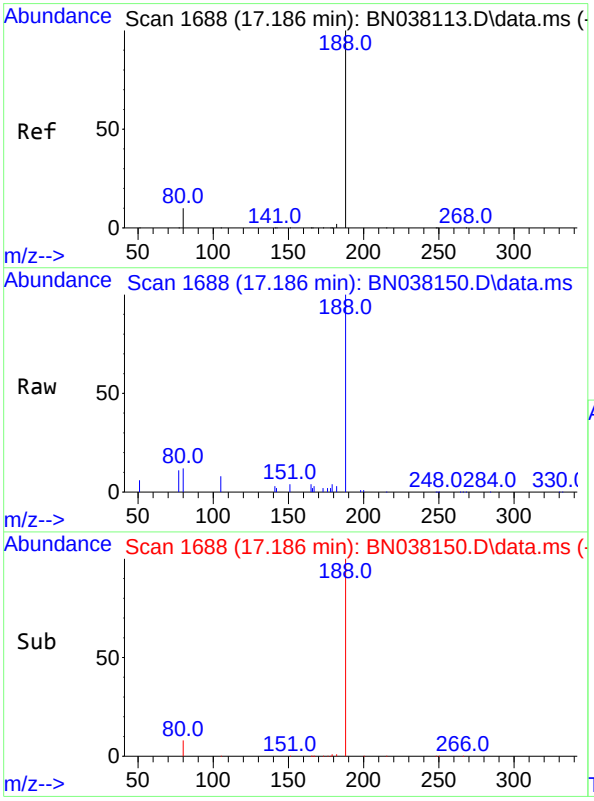
#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 25711

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.6	18.1	27.1

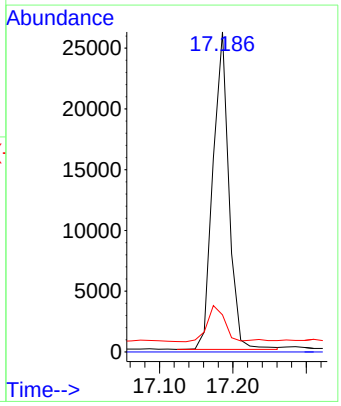


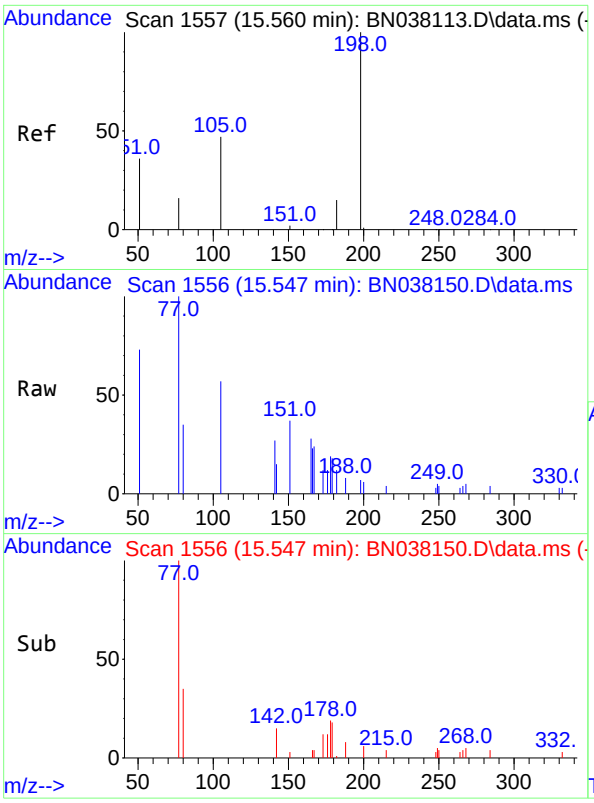


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:188 Resp: 39293

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	8.6	13.0



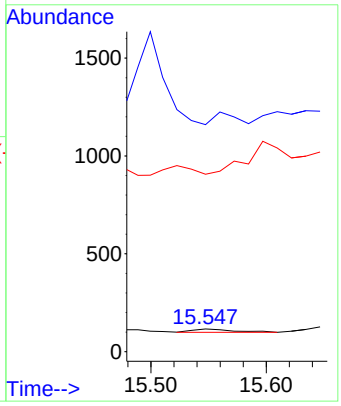


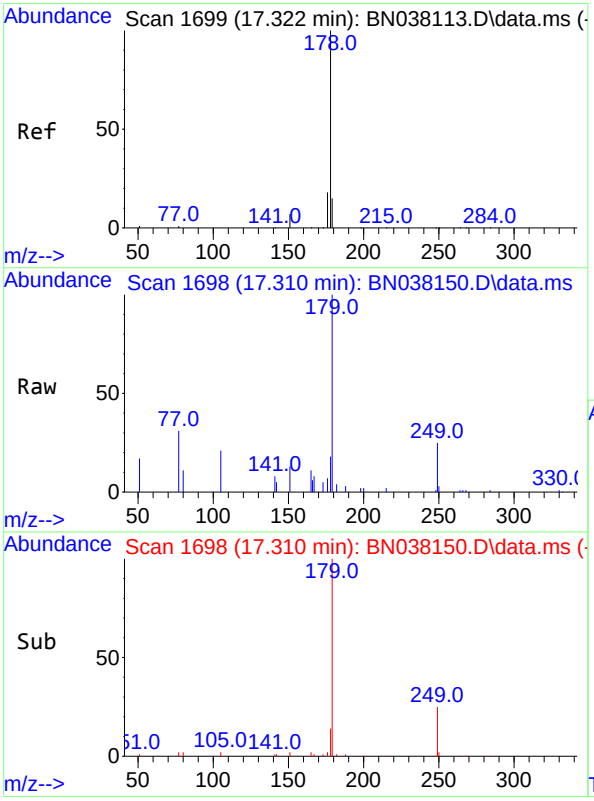
#20
4,6-Dinitro-2-methylphenol
Concen: 0.189 ng
RT: 15.547 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:198 Resp: 42

Ion	Ratio	Lower	Upper
198	100		
51	1000.0	88.9	133.3#
105	781.9	49.2	73.8#

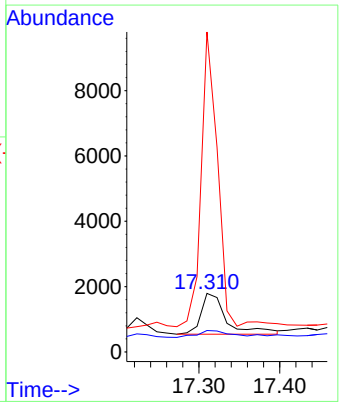


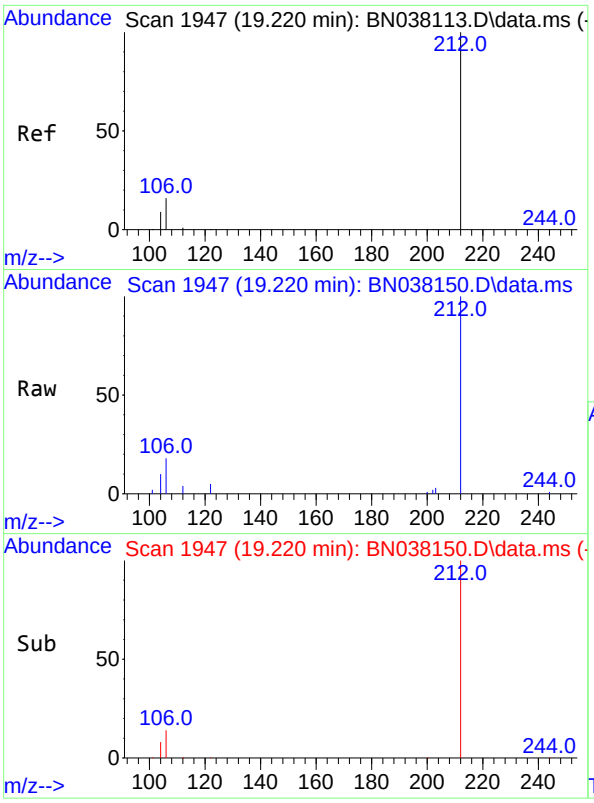


#26
Anthracene
Concen: 0.025 ng
RT: 17.310 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:178 Resp: 2749

Ion	Ratio	Lower	Upper
178	100		
176	20.7	14.9	22.3
179	456.7	11.8	17.8#



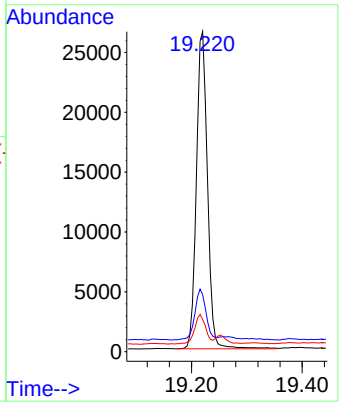


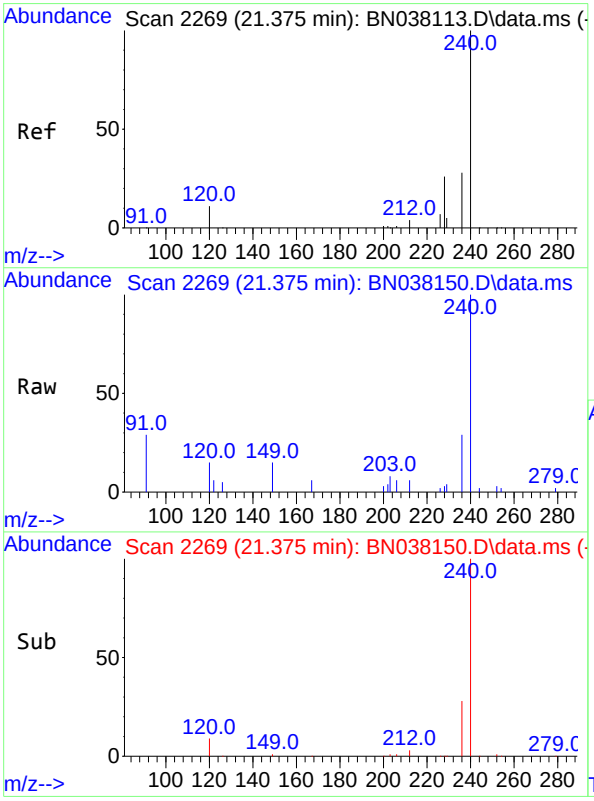
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:212 Resp: 36896

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	9.4	7.1	10.7

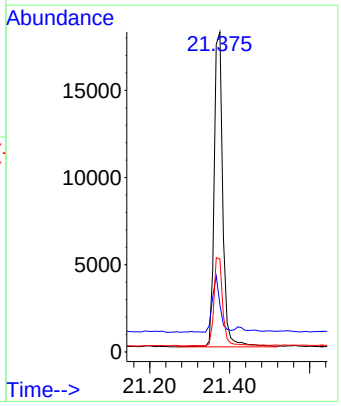


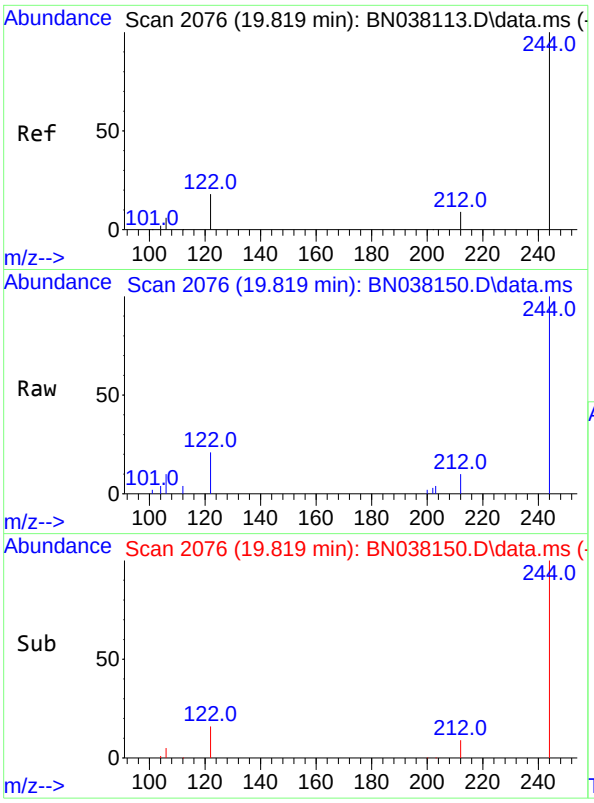


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:240 Resp: 27007

Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.7	16.1
236	29.0	23.1	34.7



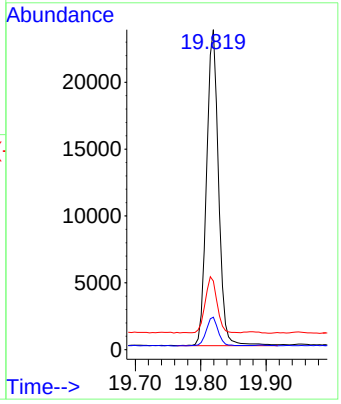


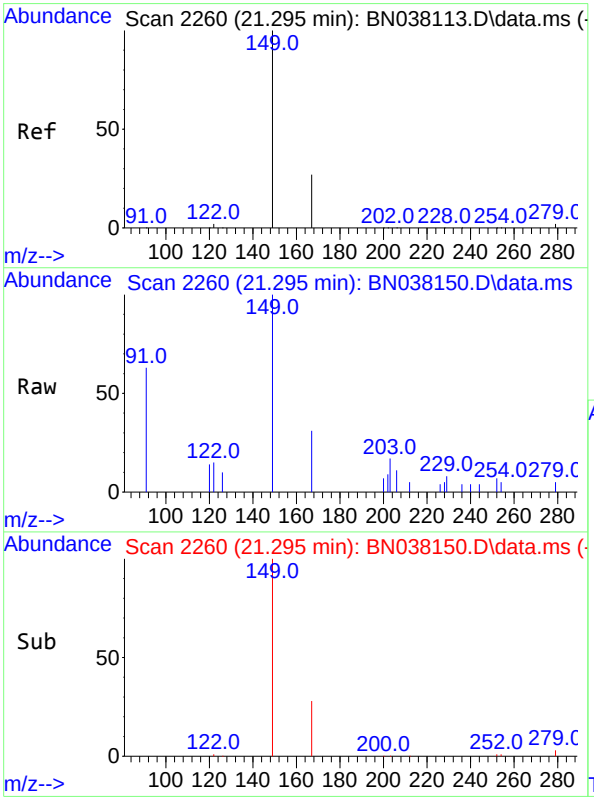
#31
Terphenyl-d14
Concen: 0.510 ng
RT: 19.819 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 29953

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.8	11.6
122	21.5	15.2	22.8

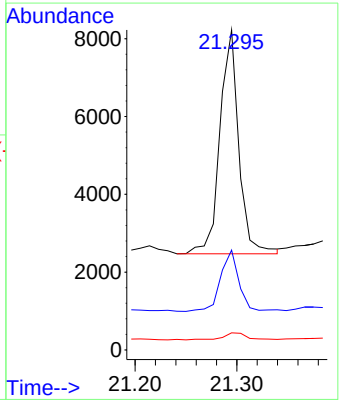


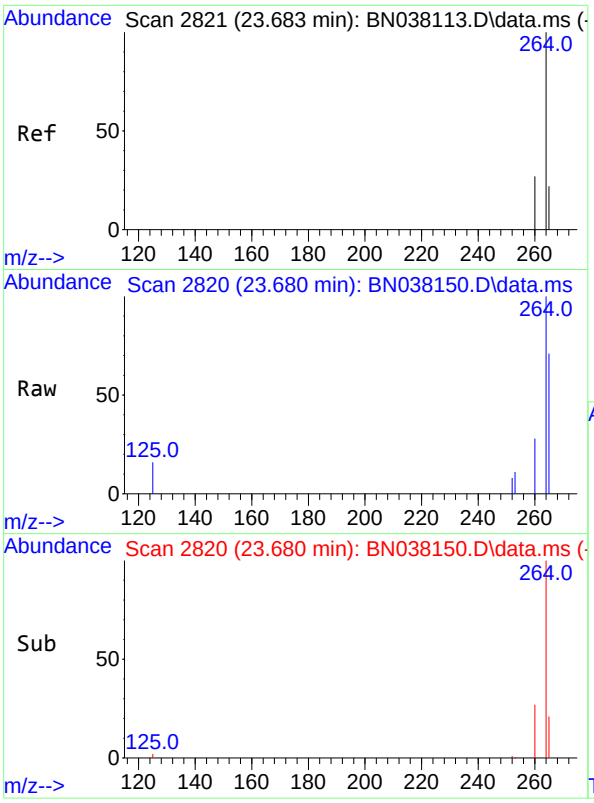


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:149 Resp: 7413

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.1	31.7
279	4.2	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 21896

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.8	32.8
265	70.6	68.6	102.8