Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038031.D
Acq On : 07 Oct 2025 04:58
Operator : RC/JU
Sample : Q3213-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 07 05:59:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	10013	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	28507	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	13798	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	22690	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	16816	0.400	ng	0.00
35) Perylene-d12	23.706	264	17577	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	4306	0.188	ng	0.00
5) Phenol-d6	6.959	99	3872	0.129	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7607	0.350	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11536	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1495	0.286	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	19350	0.343	ng	-0.02
27) Fluoranthene-d10	19.239	212	20428	0.358	ng	-0.01
31) Terphenyl-d14	19.838	244	16981	0.507	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2457	0.242	ng	# 53
3) n-Nitrosodimethylamine	3.593	42	323	0.024	ng	# 28
20) 4,6-Dinitro-2-methylph...	15.585	198	19	0.074	ng	# 1
26) Anthracene	17.248	178	1336	0.021	ng	93
34) Bis(2-ethylhexyl)phtha...	21.304	149	4177	0.180	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038031.D
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Operator : RC/JU
Sample : Q3213-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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QLast Update : Wed Sep 24 11:00:01 2025
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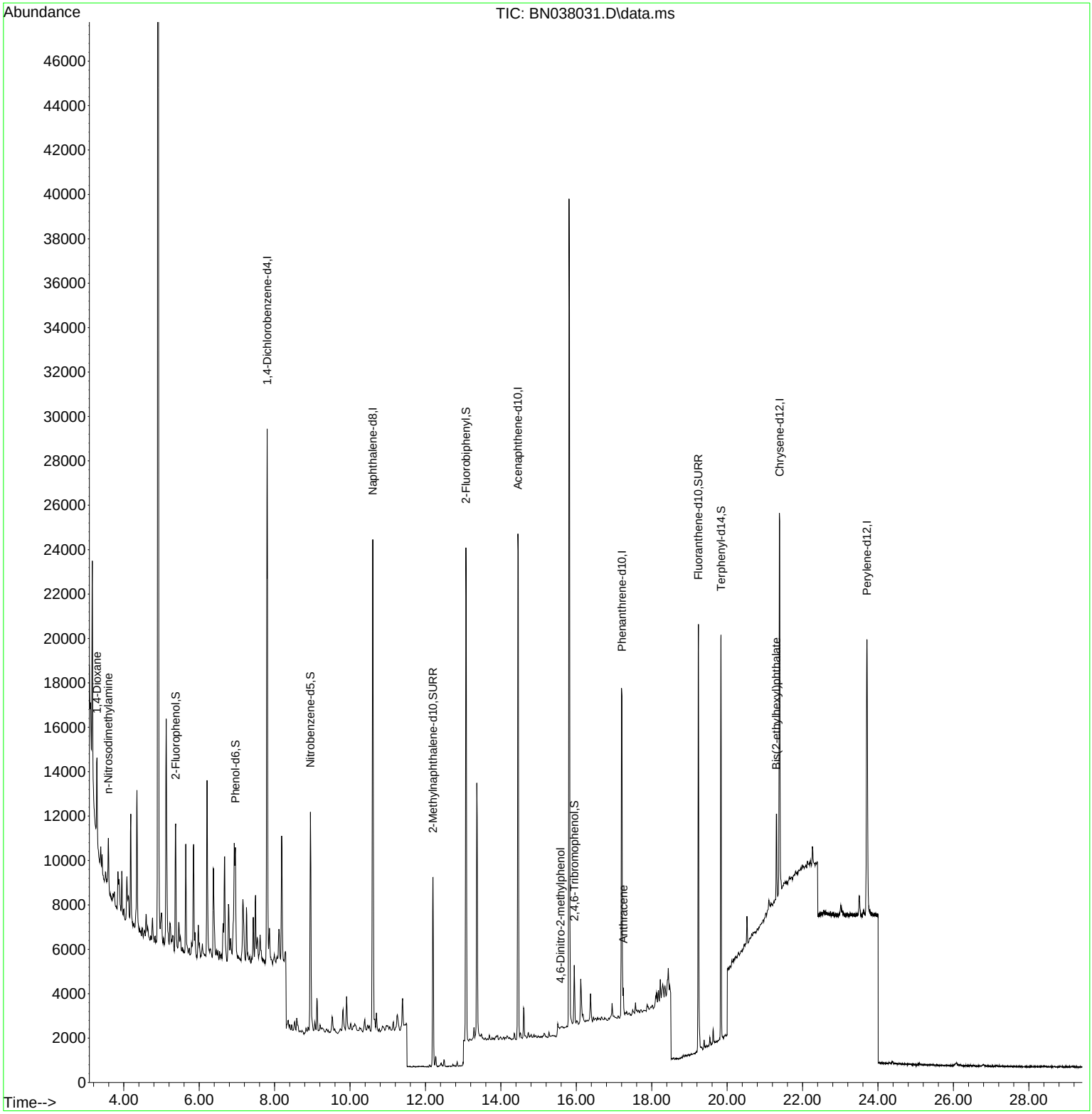
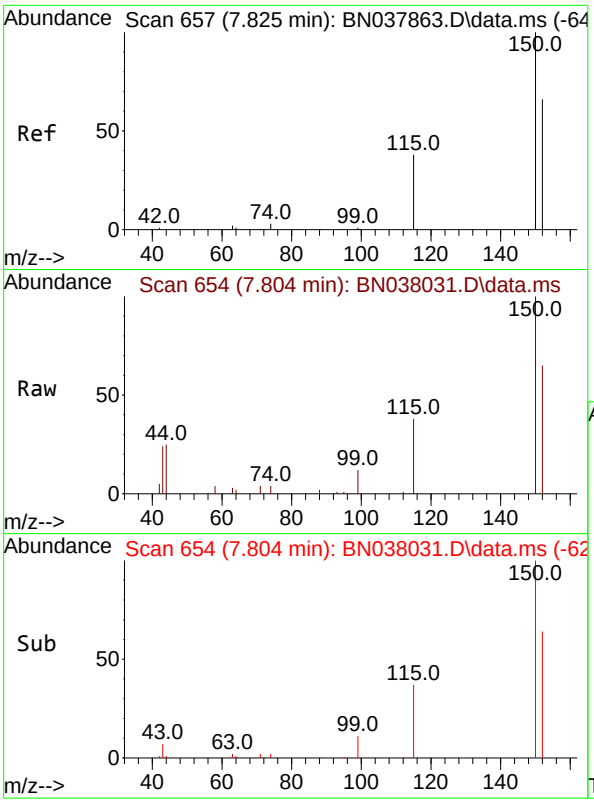


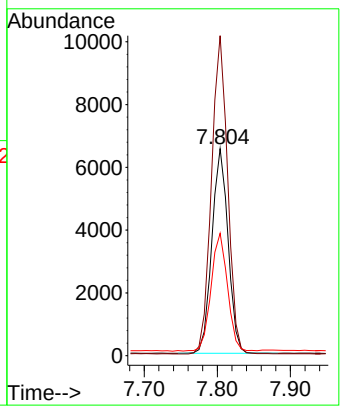


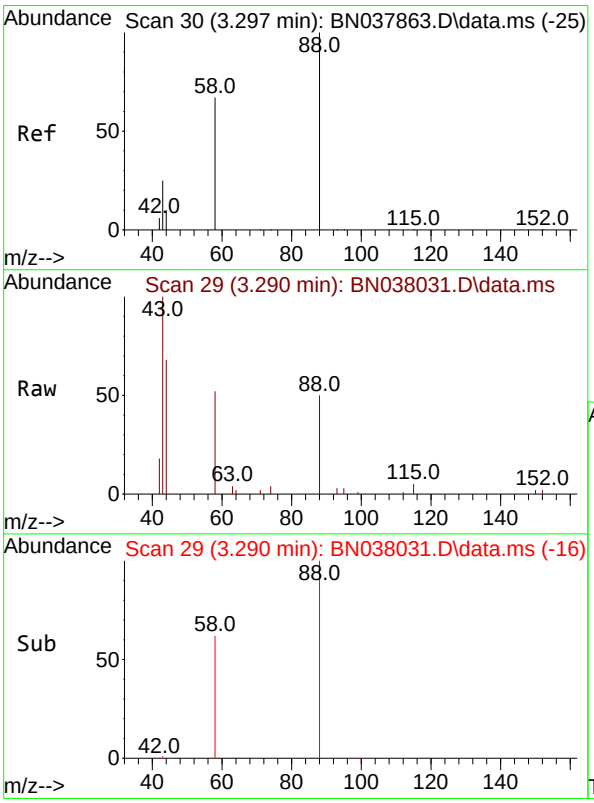
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 10013

Ion	Ratio	Lower	Upper
152	100		
150	154.6	121.0	181.4
115	59.1	47.4	71.0

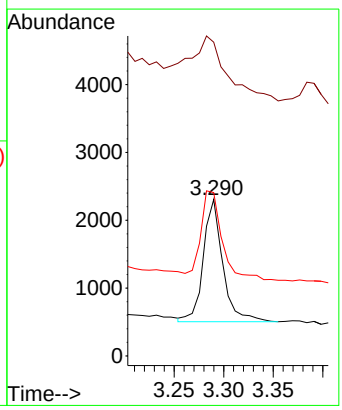


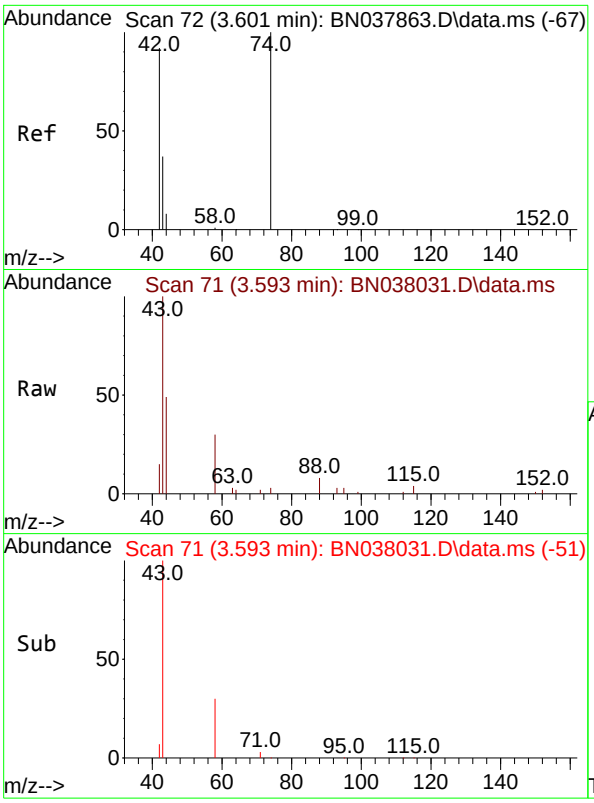


#2
1,4-Dioxane
Concen: 0.242 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion: 88 Resp: 2457

Ion	Ratio	Lower	Upper
88	100		
43	108.8	26.6	39.8#
58	80.7	58.9	88.3



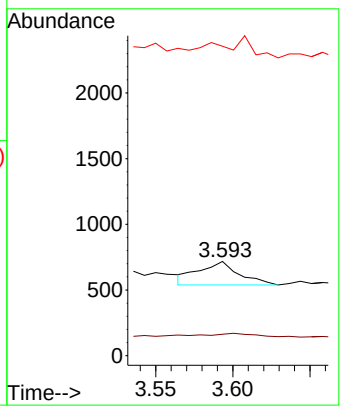


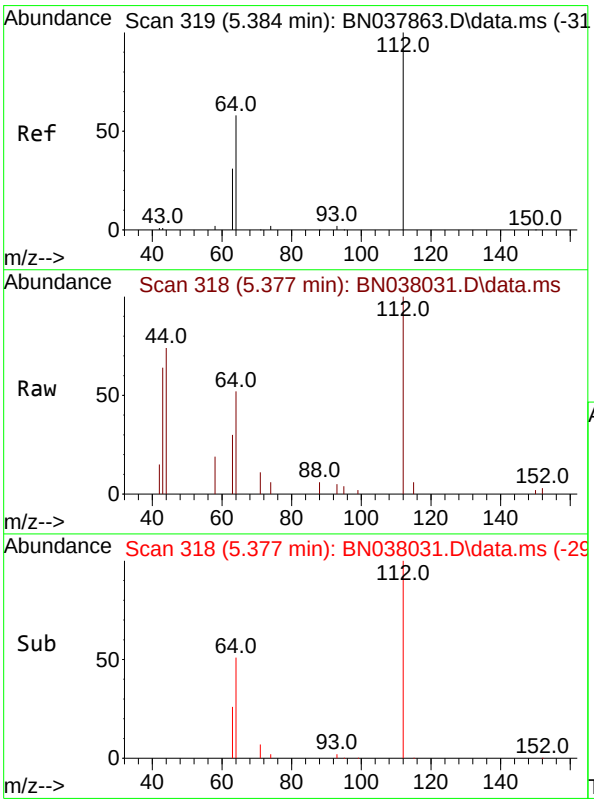
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.593 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 42 Resp: 323

Ion	Ratio	Lower	Upper
42	100		
74	24.1	93.4	140.0#
44	16.7	22.2	33.4#

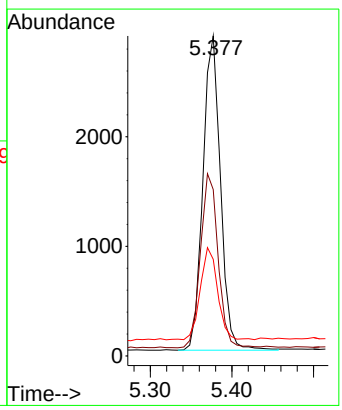


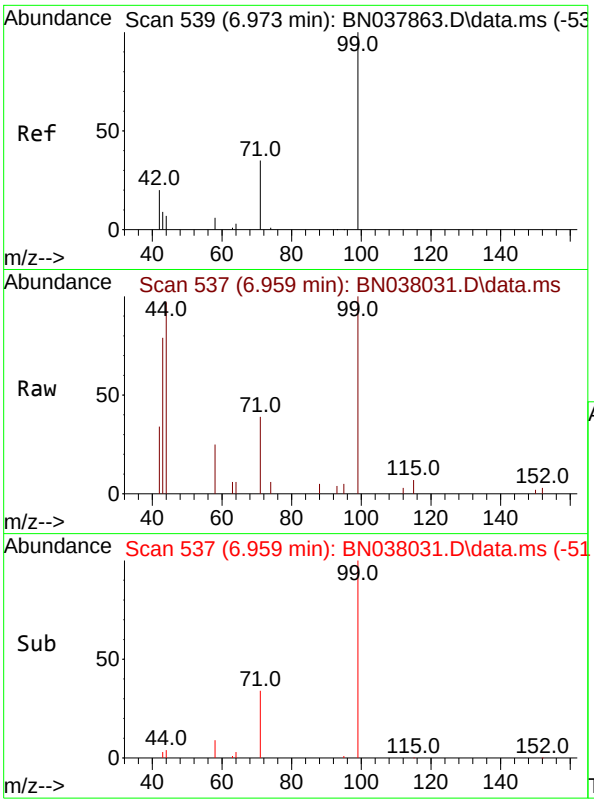


#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:112 Resp: 4306

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.6	66.8
63	28.6	24.9	37.3



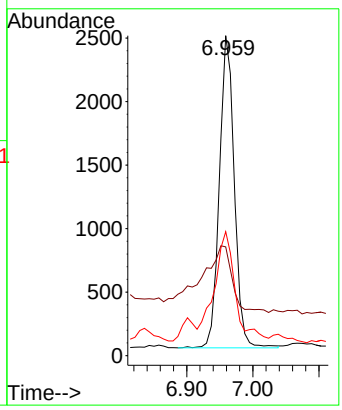


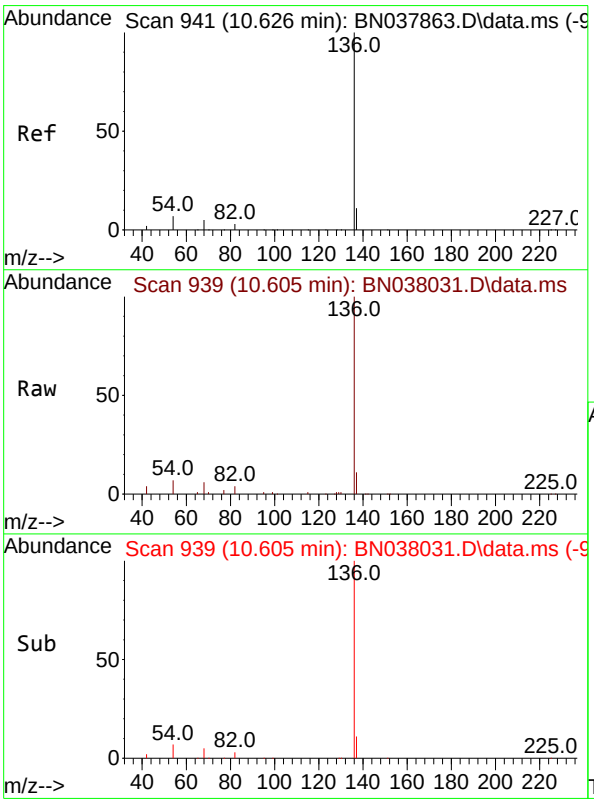
#5
Phenol-d6
Concen: 0.129 ng
RT: 6.959 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 3872

Ion	Ratio	Lower	Upper
99	100		
42	45.0	17.2	25.8#
71	49.6	27.3	40.9#

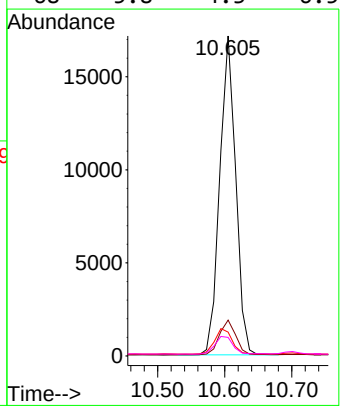


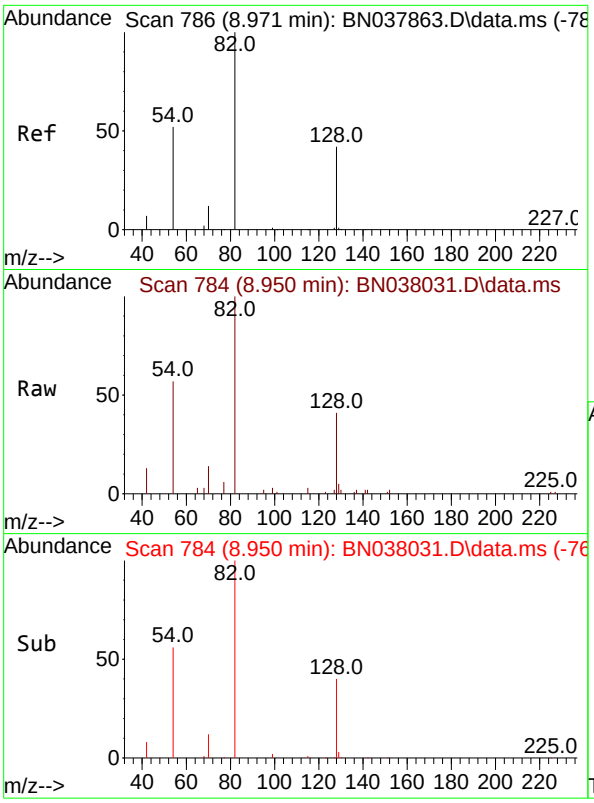


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:136 Resp: 28507

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	5.8	8.8
68	5.8	4.3	6.5



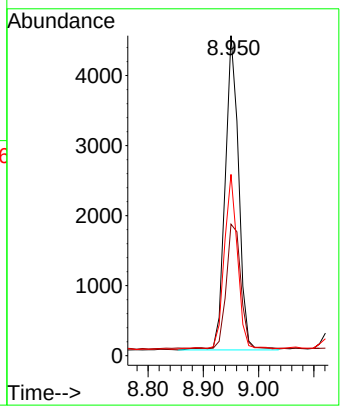


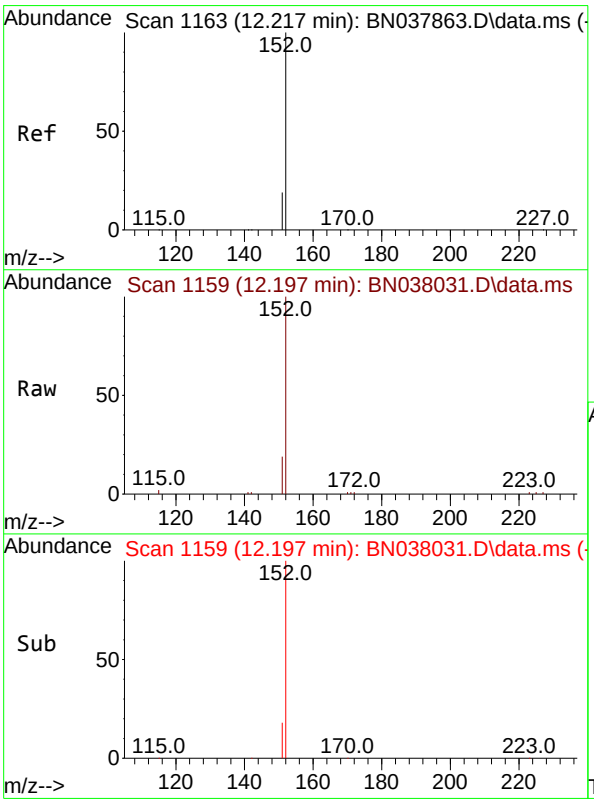
#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.950 min Scan# 7
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 7607

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.8	52.2
54	56.6	42.2	63.2

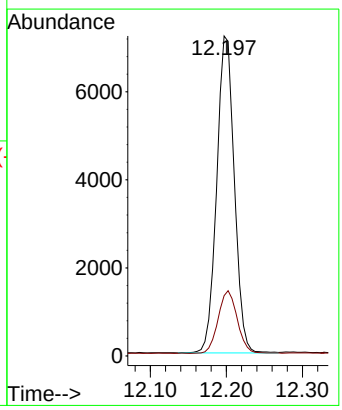


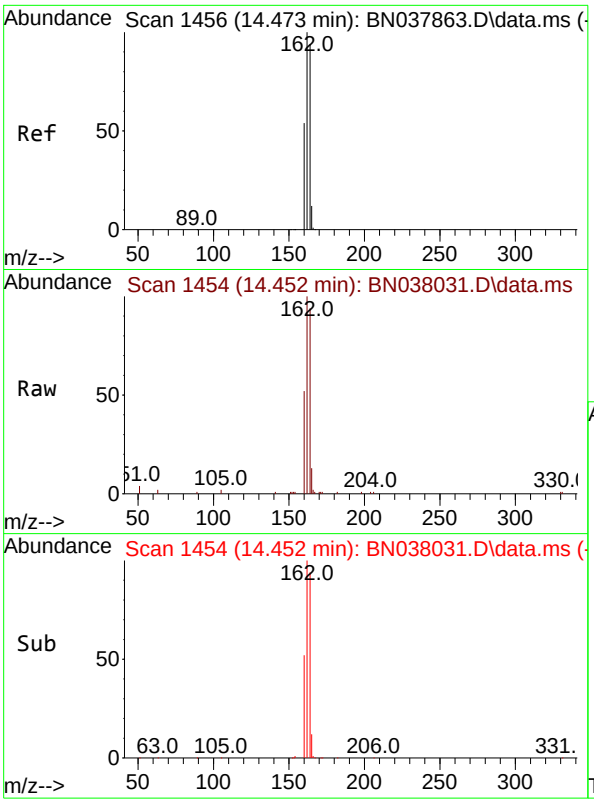


#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:152 Resp: 11536

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2



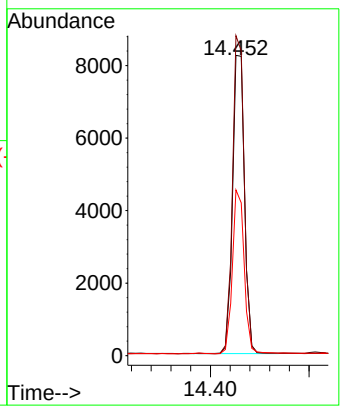


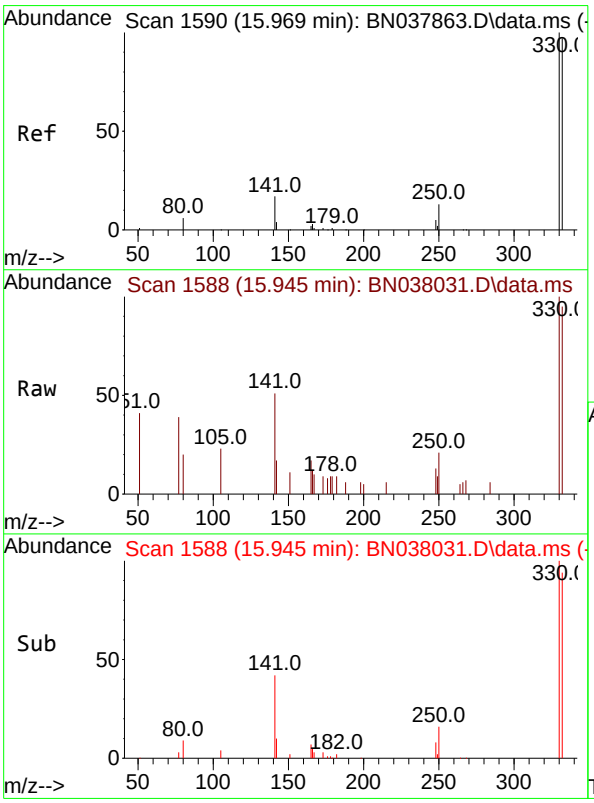
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 13798

Ion	Ratio	Lower	Upper
164	100		
162	106.6	84.8	127.2
160	55.2	46.1	69.1

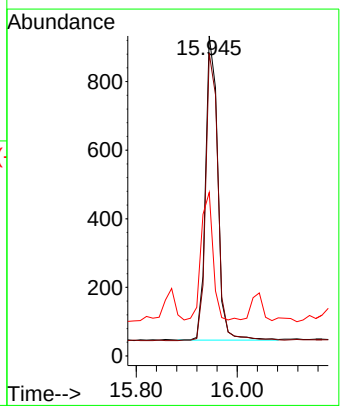


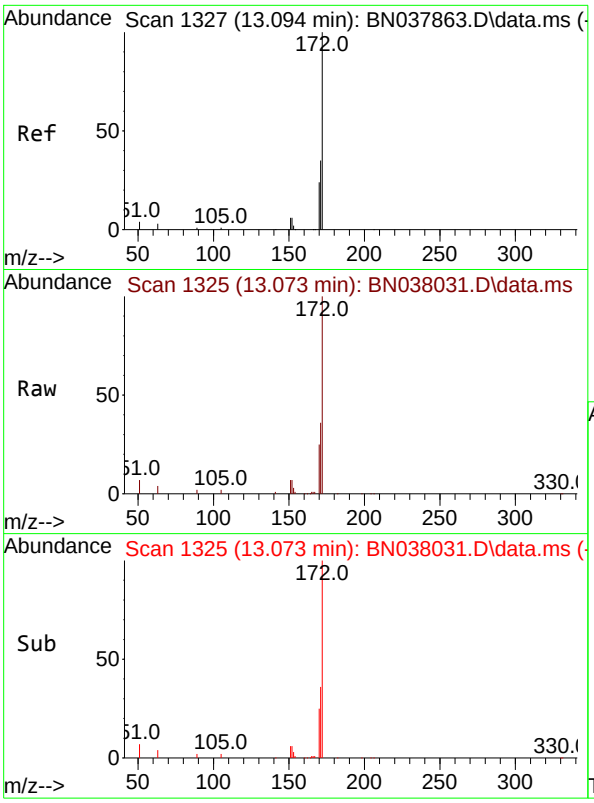


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.945 min Scan# 1588
Delta R.T. -0.024 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:330 Resp: 1495

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	40.7	37.2	55.8



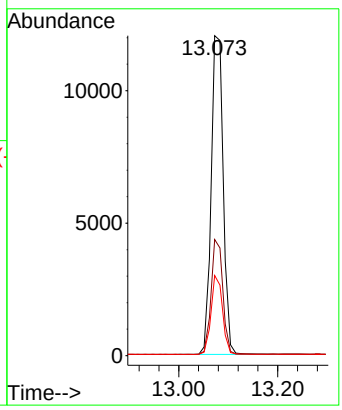


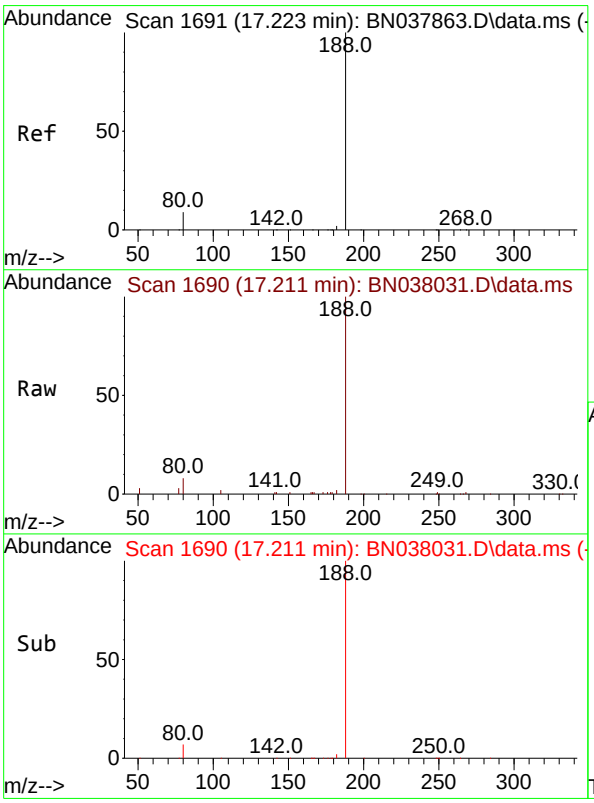
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.073 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 19350

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	25.1	19.7	29.5

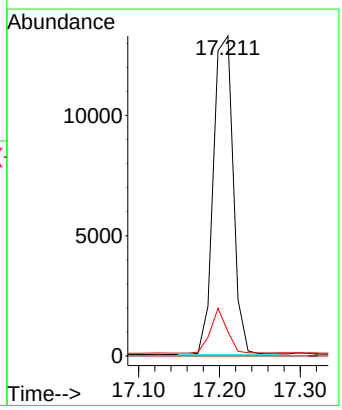


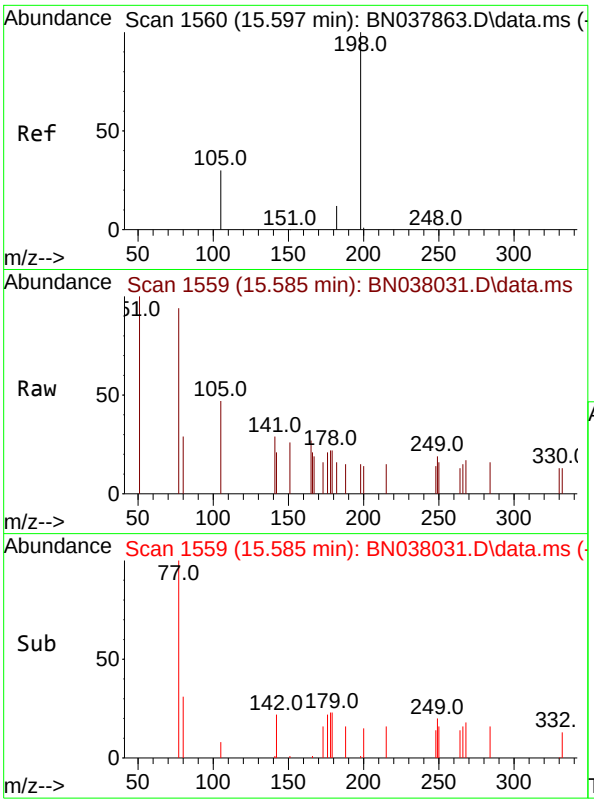


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:188 Resp: 22690

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	7.6	11.4#



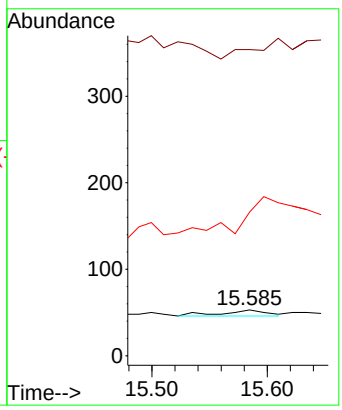


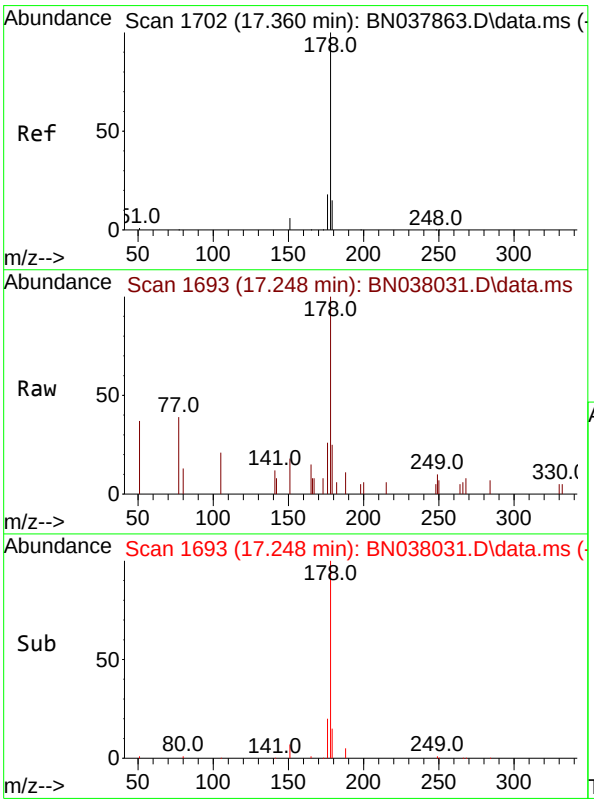
#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.585 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 19

Ion	Ratio	Lower	Upper
198	100		
51	667.9	59.1	88.7#
105	313.2	41.3	61.9#

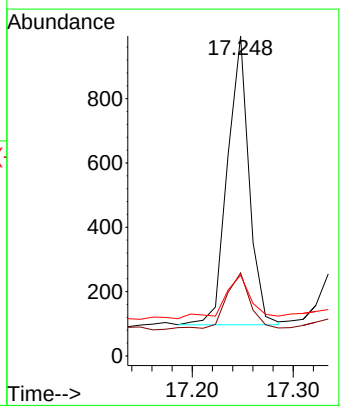


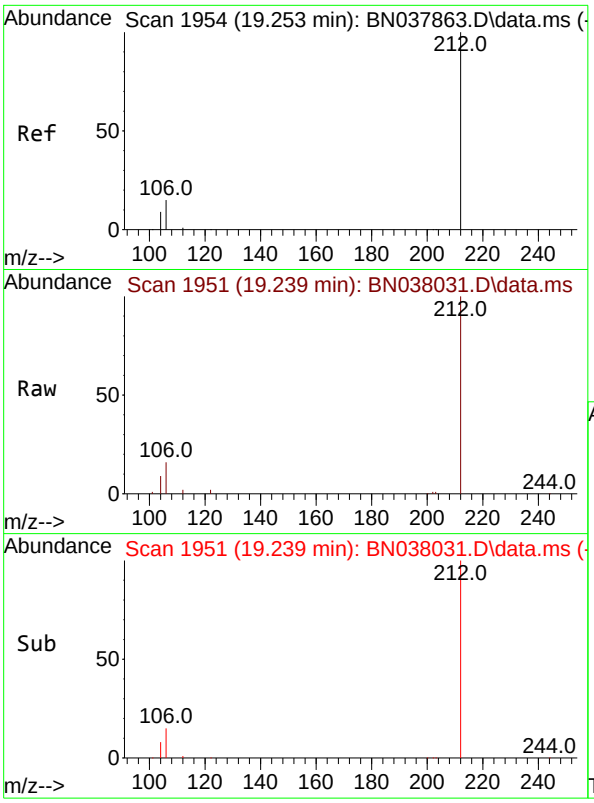


#26
Anthracene
Concen: 0.021 ng
RT: 17.248 min Scan# 1693
Delta R.T. -0.112 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:178 Resp: 1336

Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.0	22.4
179	18.1	12.3	18.5



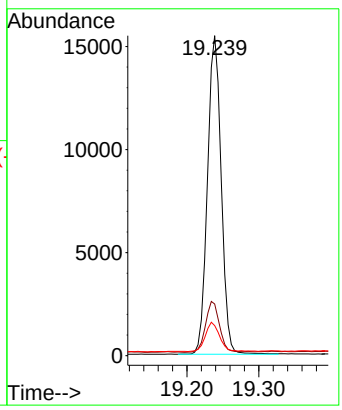


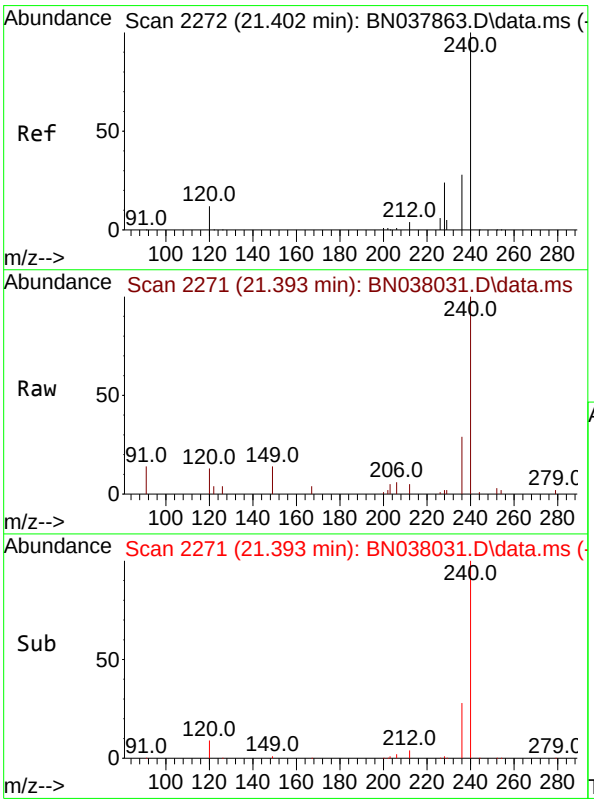
#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.239 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:212 Resp: 20428

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.6	19.0
104	9.7	7.4	11.0

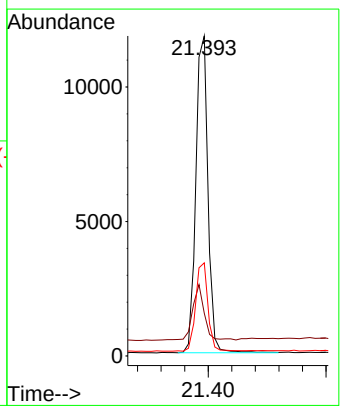


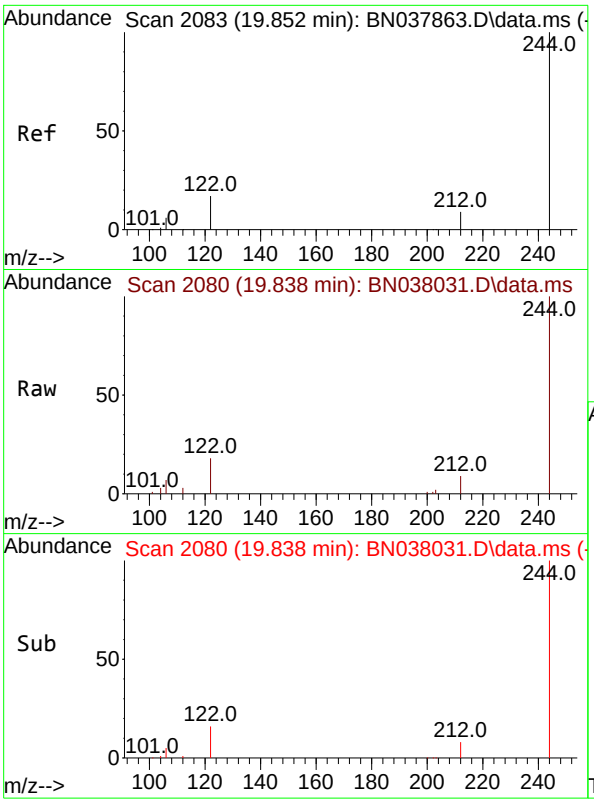


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:240 Resp: 16816

Ion	Ratio	Lower	Upper
240	100		
120	13.3	11.4	17.2
236	29.1	23.0	34.6



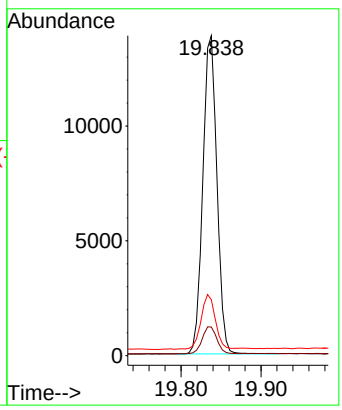


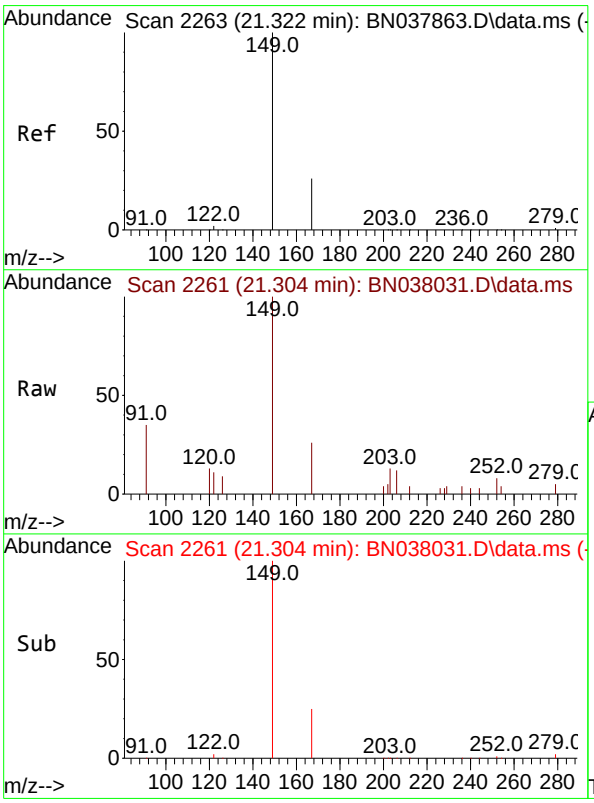
#31
Terphenyl-d14
Concen: 0.507 ng
RT: 19.838 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 16981

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.6	11.4
122	17.5	13.9	20.9

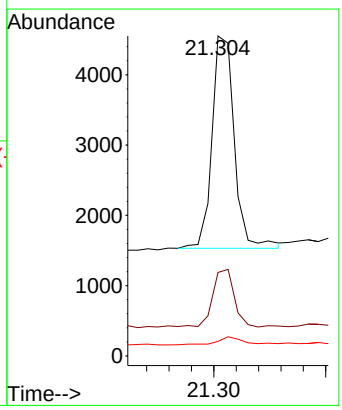


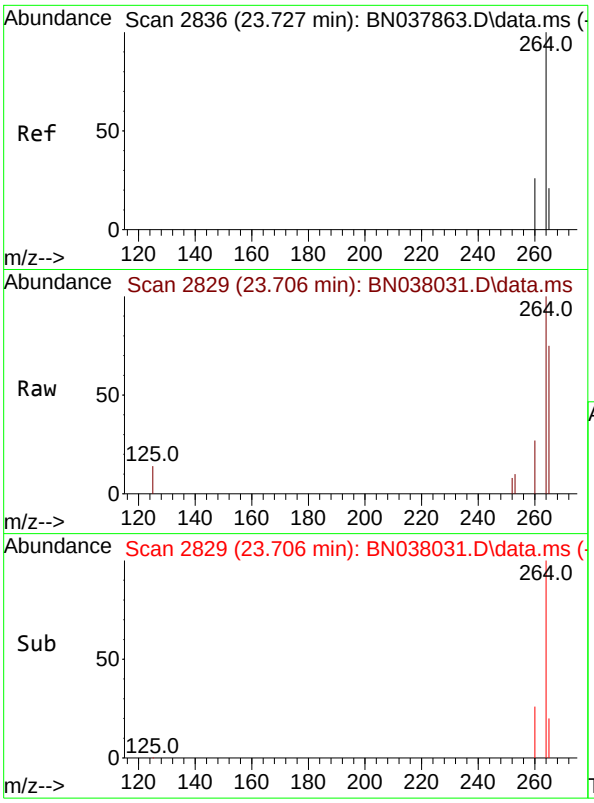


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.180 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Tgt Ion:149 Resp: 4177

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.4	30.6
279	4.8	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN038031.D
Acq: 07 Oct 2025 04:58

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 17577

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.5	32.3
265	74.5	53.8	80.6