Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038033.D
Acq On : 07 Oct 2025 06:10
Operator : RC/JU
Sample : Q3213-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 07 08:09:59 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	7.803	152	9567	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	28389	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	15544	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	28505	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	16926	0.400	ng	0.00
35) Perylene-d12	23.709	264	14124	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2884	0.132	ng	0.00
5) Phenol-d6	6.958	99	2368	0.083	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7124	0.329	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11261	0.286	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1625	0.276	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	21579	0.339	ng	-0.01
27) Fluoranthene-d10	19.238	212	23774	0.332	ng	-0.01
31) Terphenyl-d14	19.837	244	19785	0.587	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.282	88	2145	0.221	ng	# 52
3) n-Nitrosodimethylamine	3.593	42	1278	0.099	ng	# 32
20) 4,6-Dinitro-2-methylph...	15.609	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.312	149	10637	0.455	ng	99

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

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Data File : BN038033.D
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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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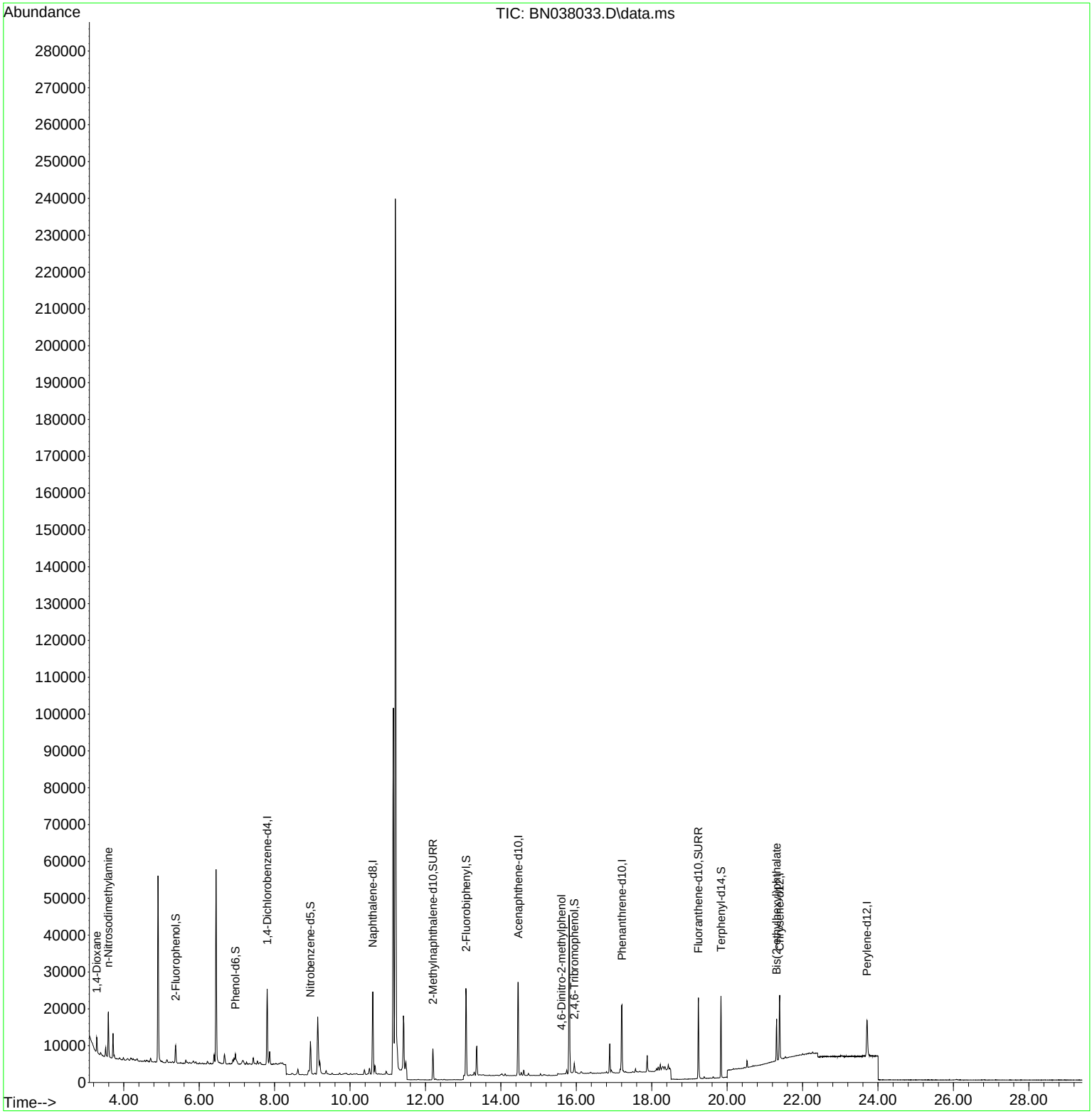
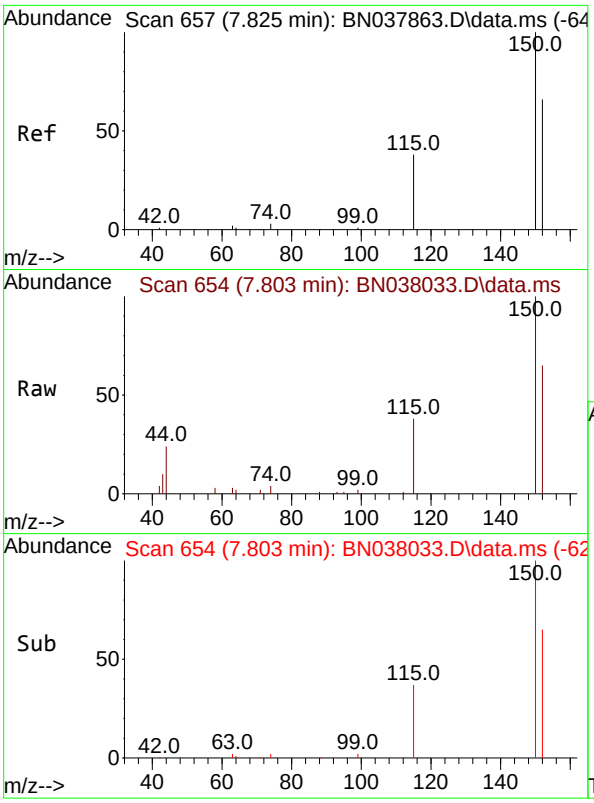


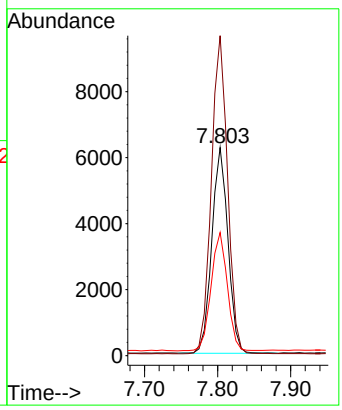


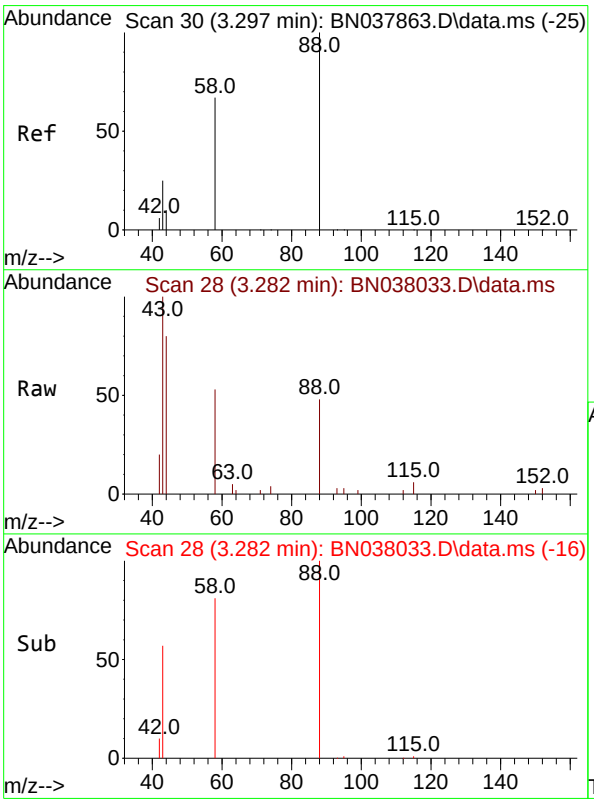
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 6
Delta R.T. -0.022 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 9567

Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.0	181.4
115	59.2	47.4	71.0

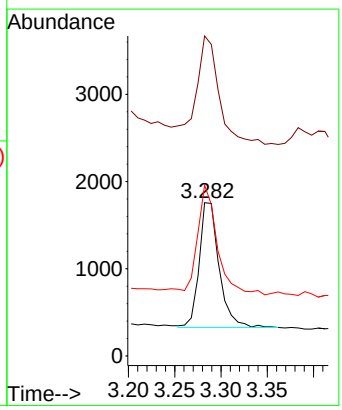


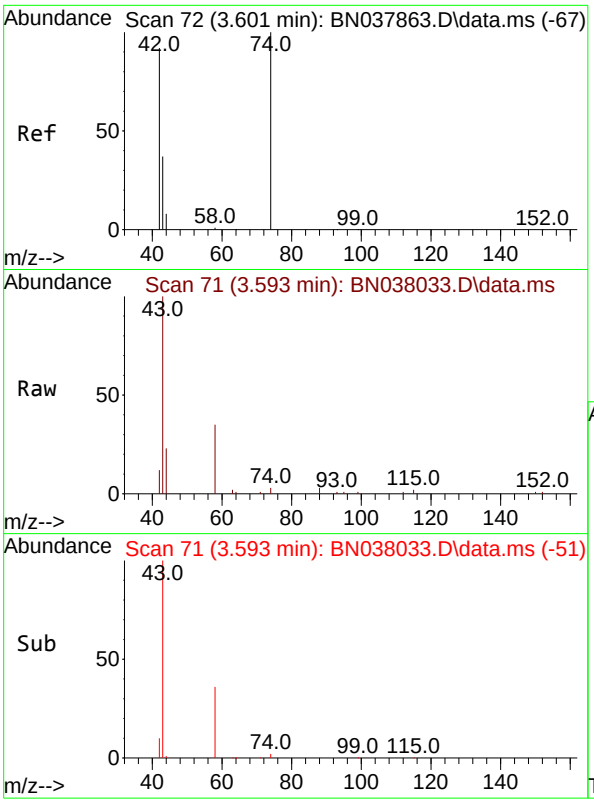


#2
1,4-Dioxane
Concen: 0.221 ng
RT: 3.282 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion: 88 Resp: 2145

Ion	Ratio	Lower	Upper
88	100		
43	99.0	26.6	39.8#
58	87.8	58.9	88.3



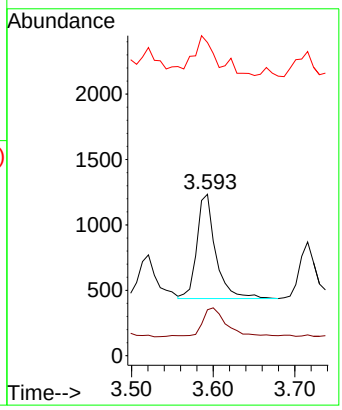


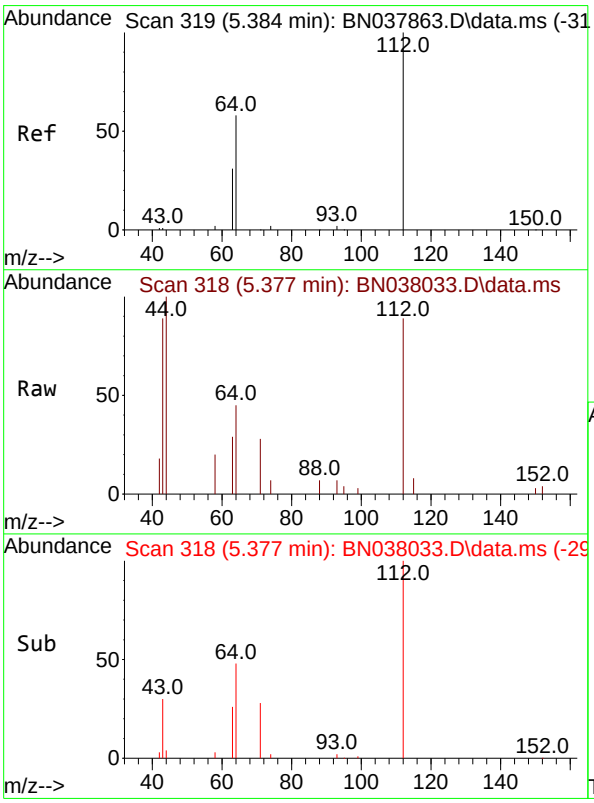
#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.593 min Scan# 7
Delta R.T. -0.008 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 42 Resp: 1278

Ion	Ratio	Lower	Upper
42	100		
74	35.7	93.4	140.0#
44	49.6	22.2	33.4#

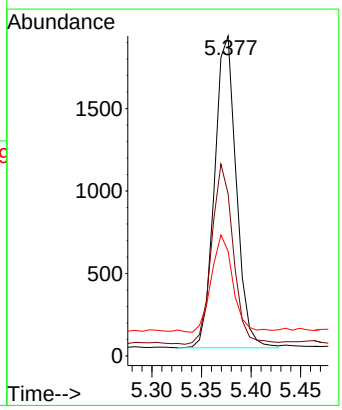


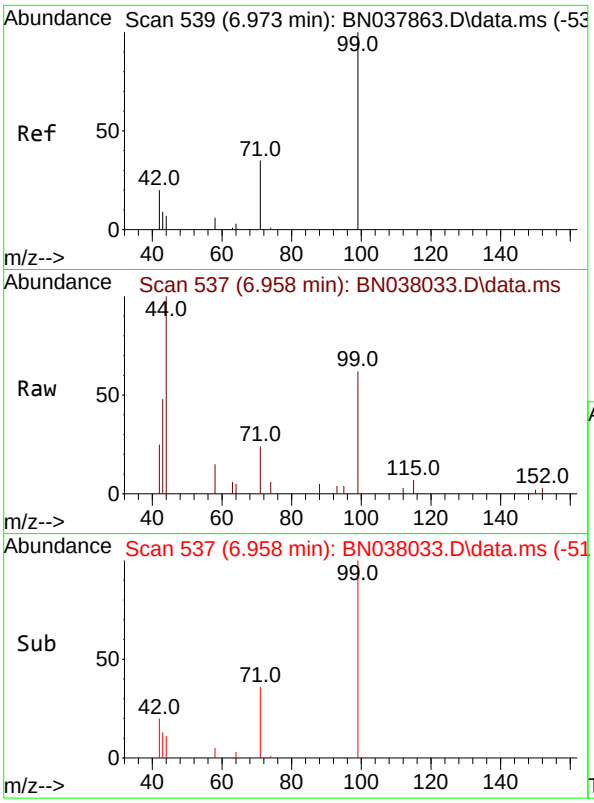


#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.008 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:112 Resp: 2884

Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.6	66.8
63	31.0	24.9	37.3



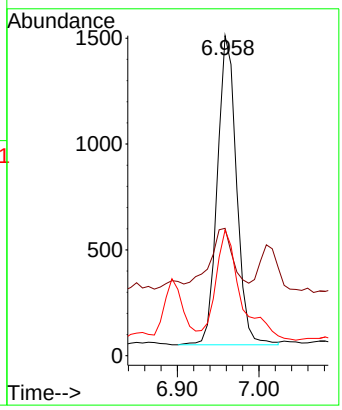


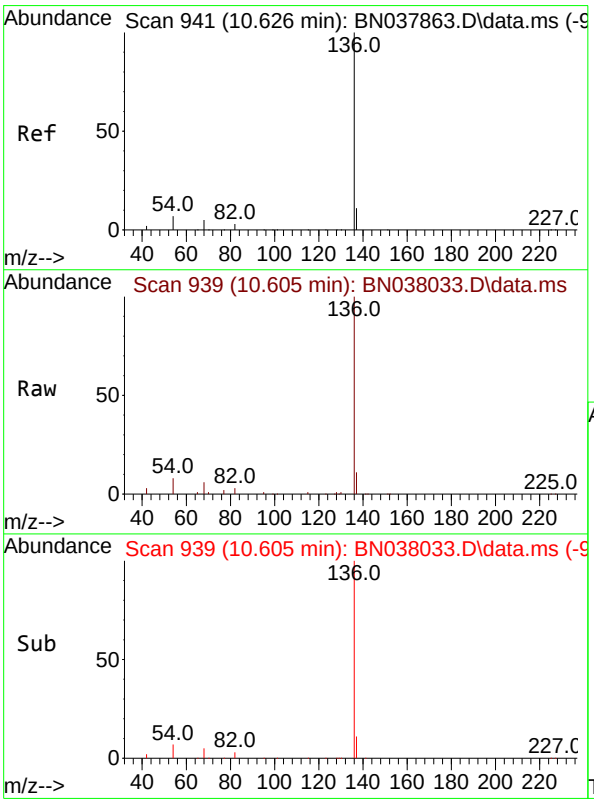
#5
Phenol-d6
Concen: 0.083 ng
RT: 6.958 min Scan# 5
Delta R.T. -0.015 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2368

Ion	Ratio	Lower	Upper
99	100		
42	26.5	17.2	25.8#
71	47.1	27.3	40.9#

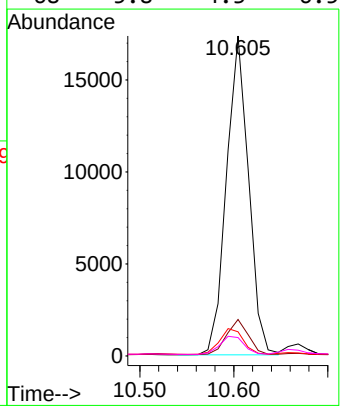


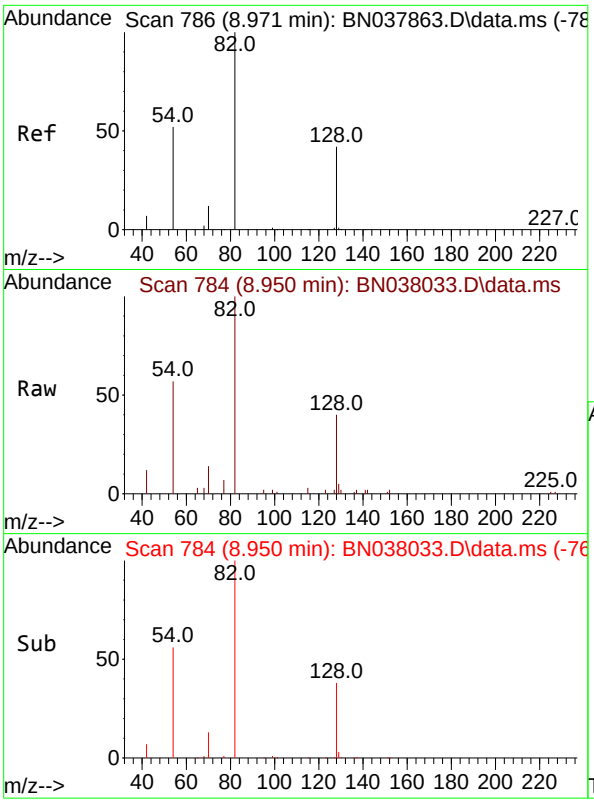


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.022 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:136 Resp: 28389

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.5	5.8	8.8
68	5.8	4.3	6.5



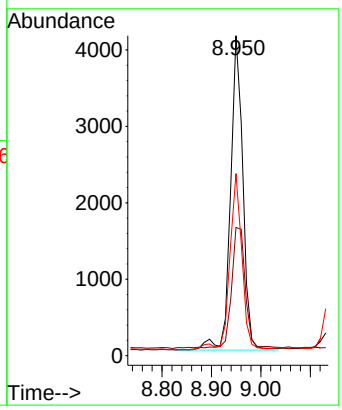


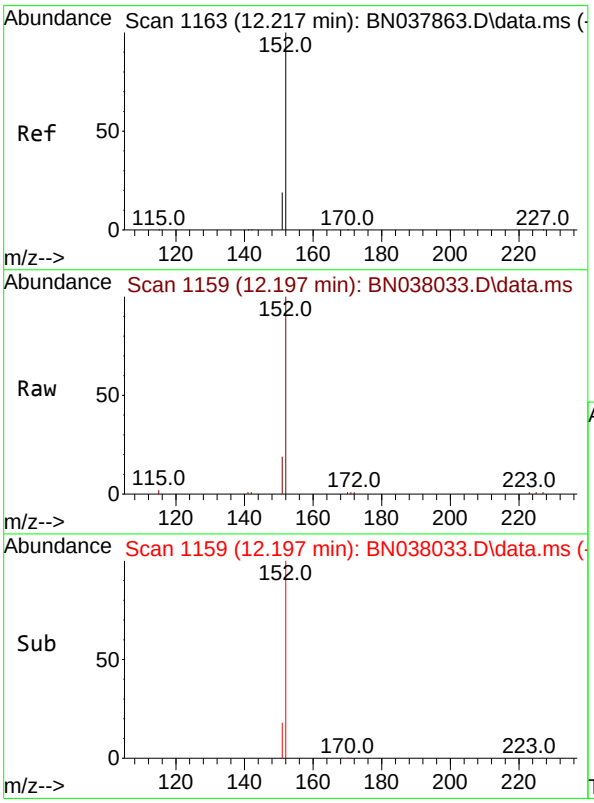
#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.950 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 7124

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.8	52.2
54	56.9	42.2	63.2

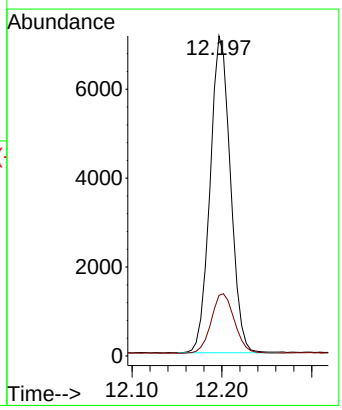


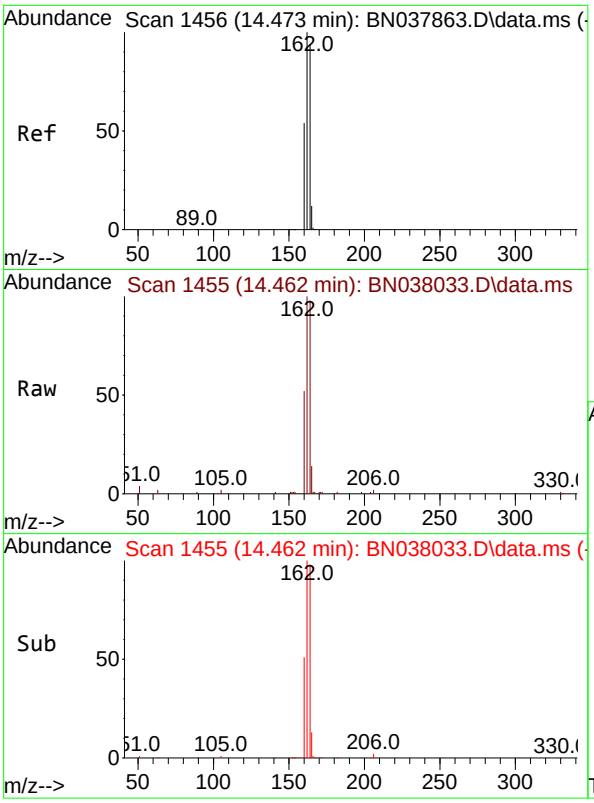


#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.021 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:152 Resp: 11261

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.2



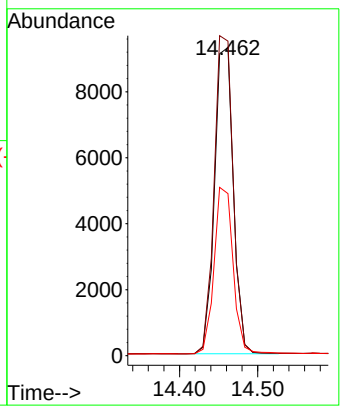


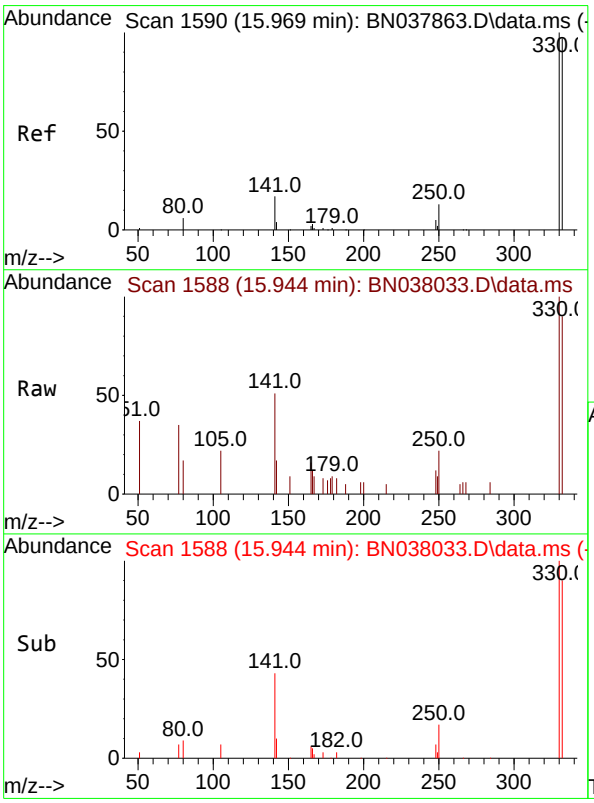
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 15544

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.8	127.2
160	52.6	46.1	69.1

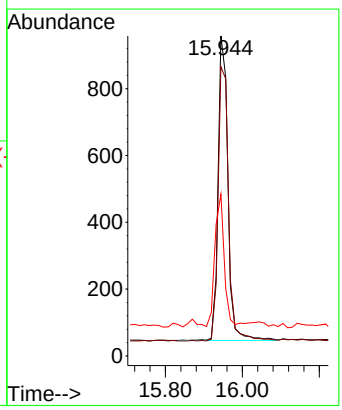


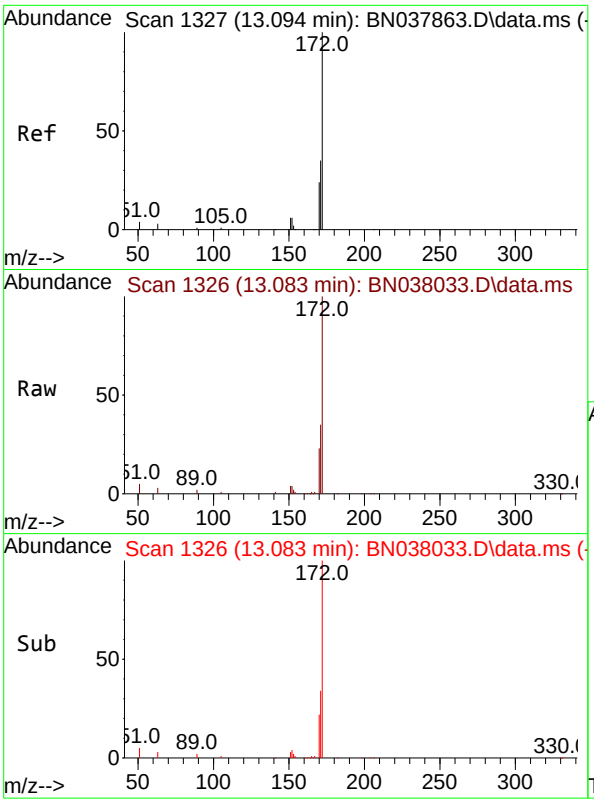


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:330 Resp: 1625

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	41.8	37.2	55.8



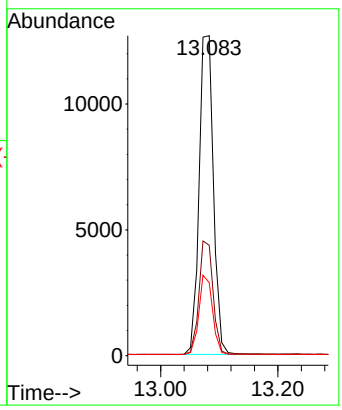


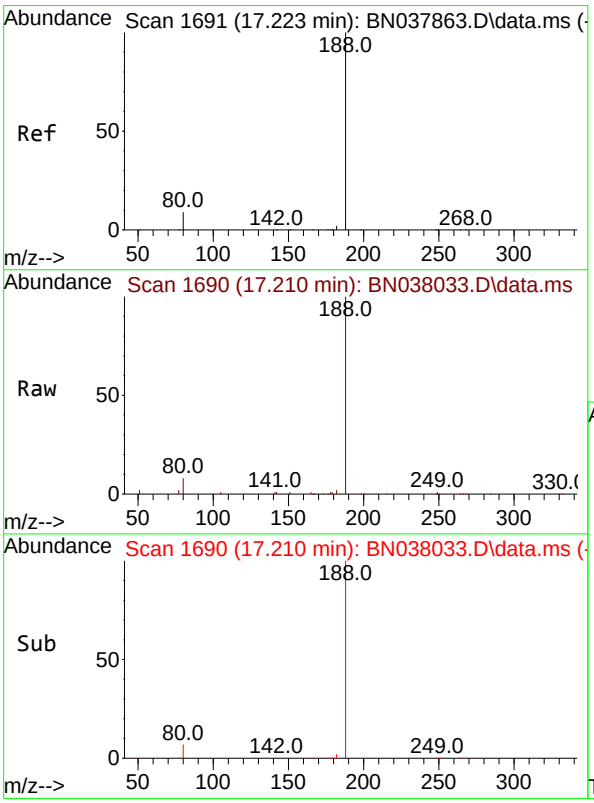
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.083 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 21579

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	43.0
170	22.8	19.7	29.5

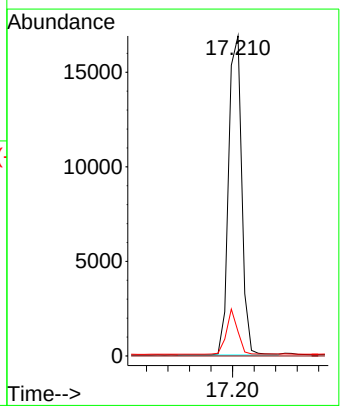


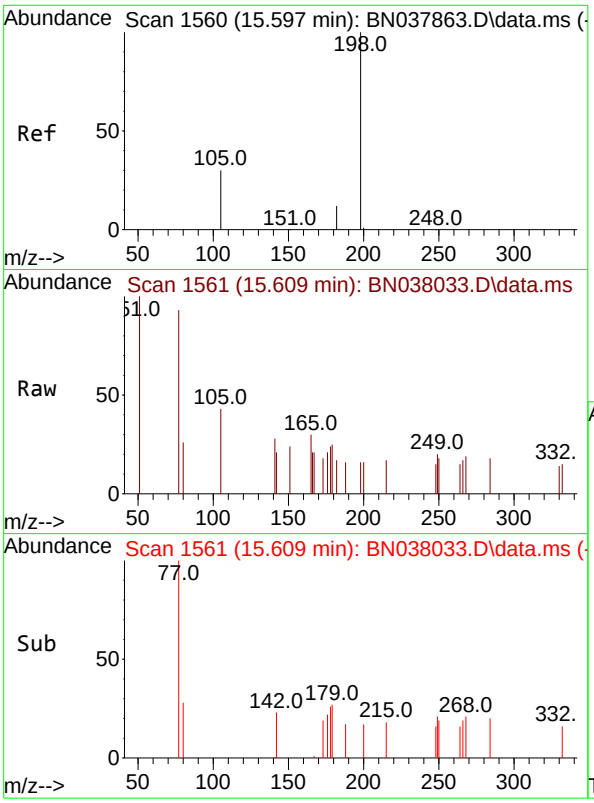


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:188 Resp: 28505

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



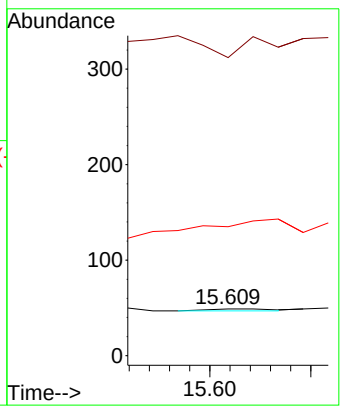


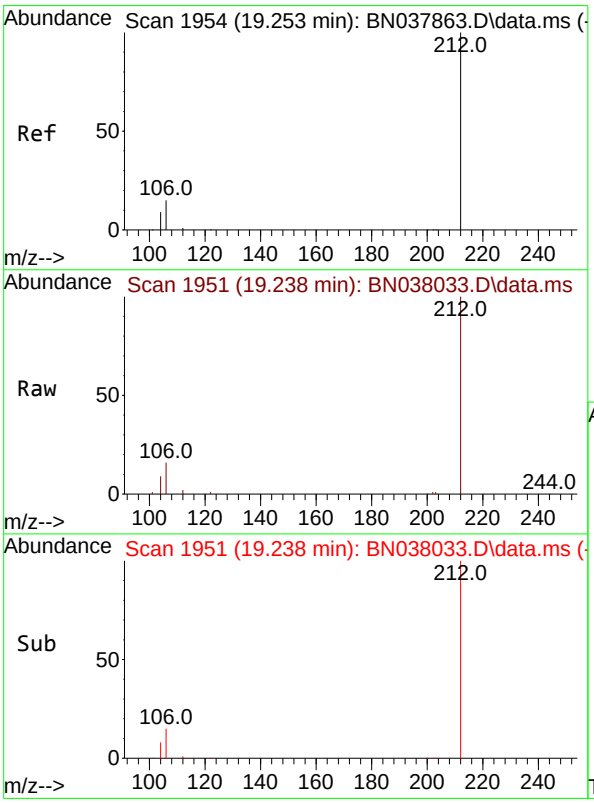
#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.609 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
51	636.7	59.1	88.7#
105	275.5	41.3	61.9#

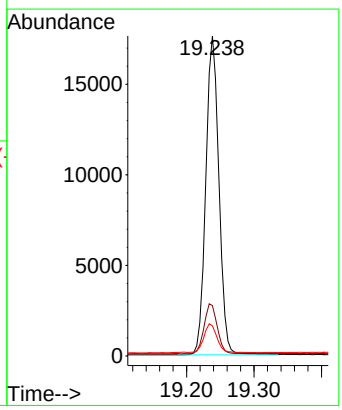


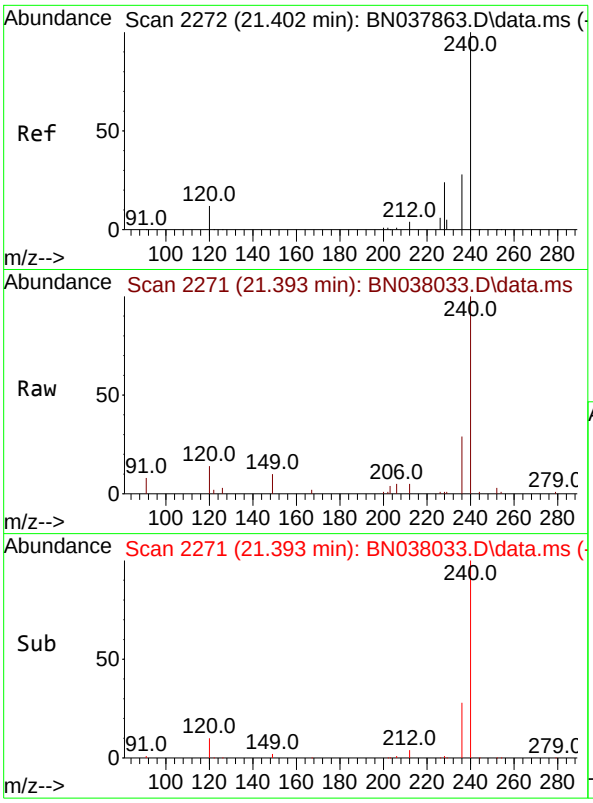


#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:212 Resp: 23774

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	9.1	7.4	11.0



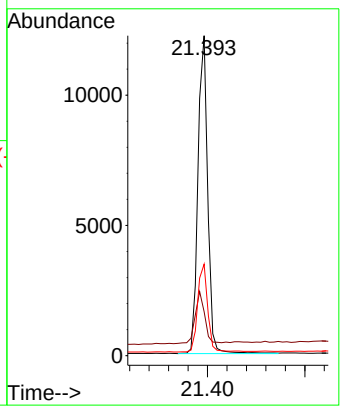


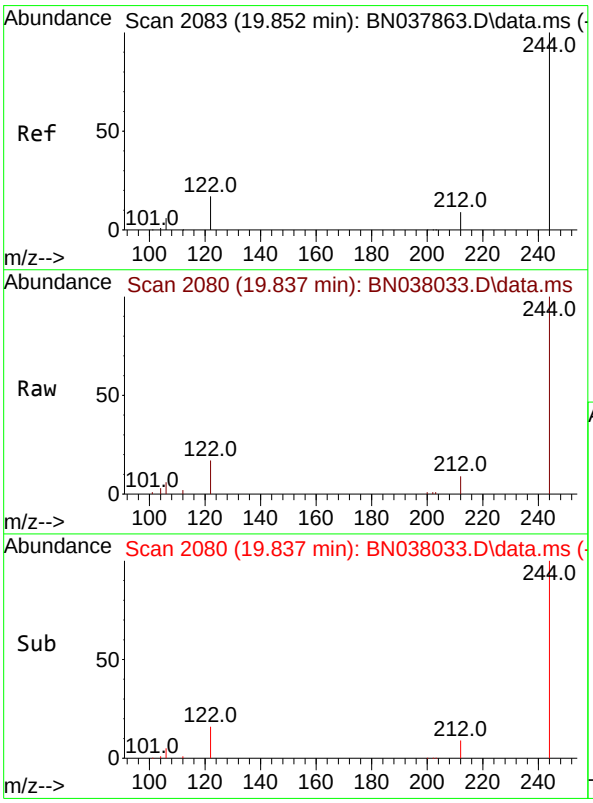
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 16926

Ion	Ratio	Lower	Upper
240	100		
120	13.7	11.4	17.2
236	28.6	23.0	34.6

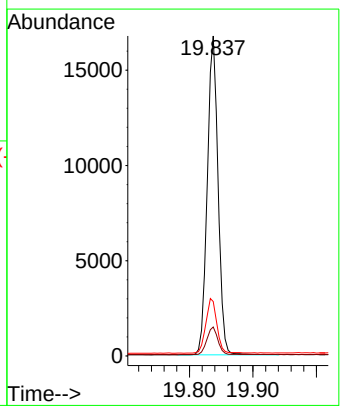


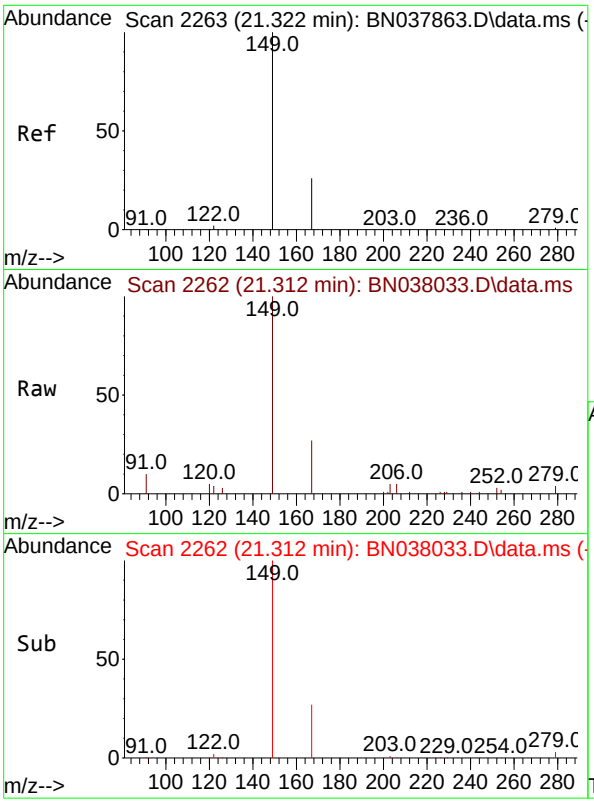


#31
Terphenyl-d14
Concen: 0.587 ng
RT: 19.837 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:244 Resp: 19785

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.6	11.4
122	17.0	13.9	20.9



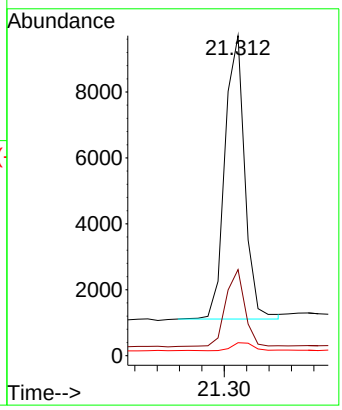


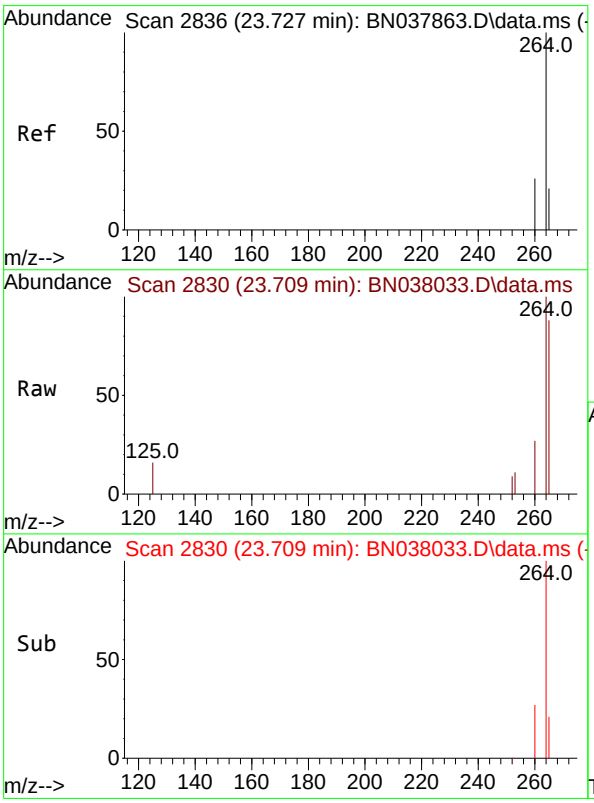
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.455 ng
RT: 21.312 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 10637

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.4	30.6
279	3.3	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 2830
Delta R.T. -0.018 min
Lab File: BN038033.D
Acq: 07 Oct 2025 06:10

Tgt Ion:264 Resp: 14124

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.5	32.3
265	87.9	53.8	80.6#