Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
Data File : BN038106.D
Acq On : 20 Oct 2025 20:21
Operator : RC/JU
Sample : Q3371-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Quant Time: Oct 21 02:18:46 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	7.789	152	7049	0.400	ng	-0.04
7) Naphthalene-d8	10.584	136	18555	0.400	ng	#-0.04
13) Acenaphthene-d10	14.441	164	9633	0.400	ng	-0.03
19) Phenanthrene-d10	17.198	188	17997	0.400	ng	-0.02
29) Chrysene-d12	21.384	240	14009	0.400	ng	-0.02
35) Perylene-d12	23.695	264	12701	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	35	0.002	ng	-0.02
5) Phenol-d6	6.944	99	4	0.000	ng	-0.03
8) Nitrobenzene-d5	8.939	82	4860	0.343	ng	-0.03
11) 2-Methylnaphthalene-d10	12.187	152	418	0.016	ng	-0.03
14) 2,4,6-Tribromophenol	15.932	330	312	0.085	ng	-0.04
15) 2-Fluorobiphenyl	13.062	172	13330	0.338	ng	-0.03
27) Fluoranthene-d10	19.229	212	1918	0.042	ng	-0.02
31) Terphenyl-d14	19.824	244	15238	0.546	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	302	0.042	ng	# 8
3) n-Nitrosodimethylamine	3.564	42	221	0.023	ng	# 1
6) bis(2-Chloroethyl)ether	7.190	93	153227	7.810	ng	# 44
20) 4,6-Dinitro-2-methylph...	15.597	198	12	0.073	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	2271	0.117	ng	# 93

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

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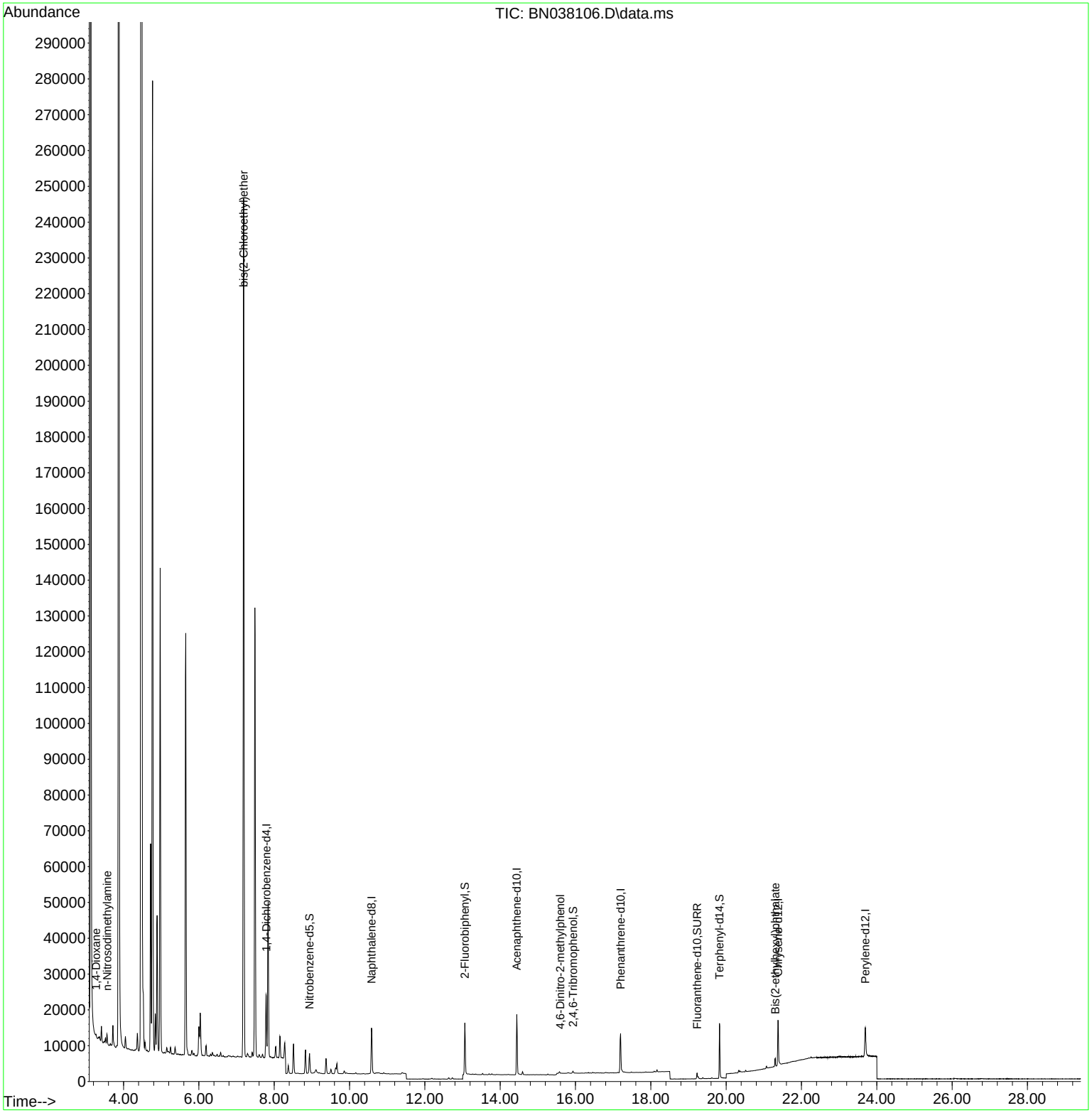
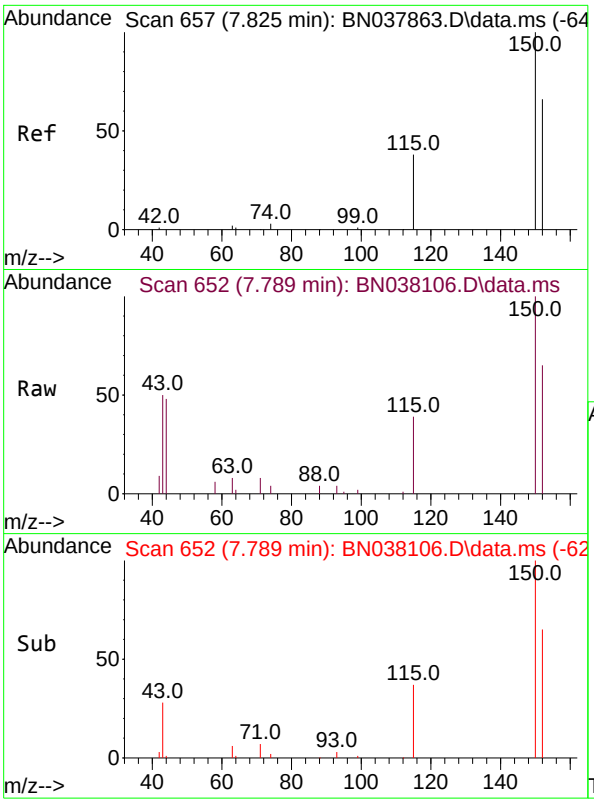


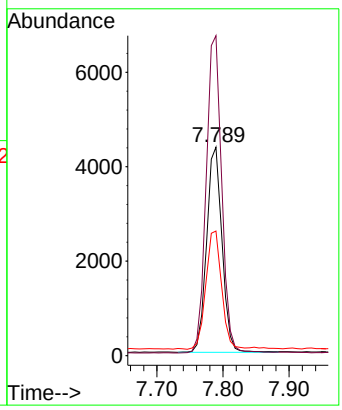


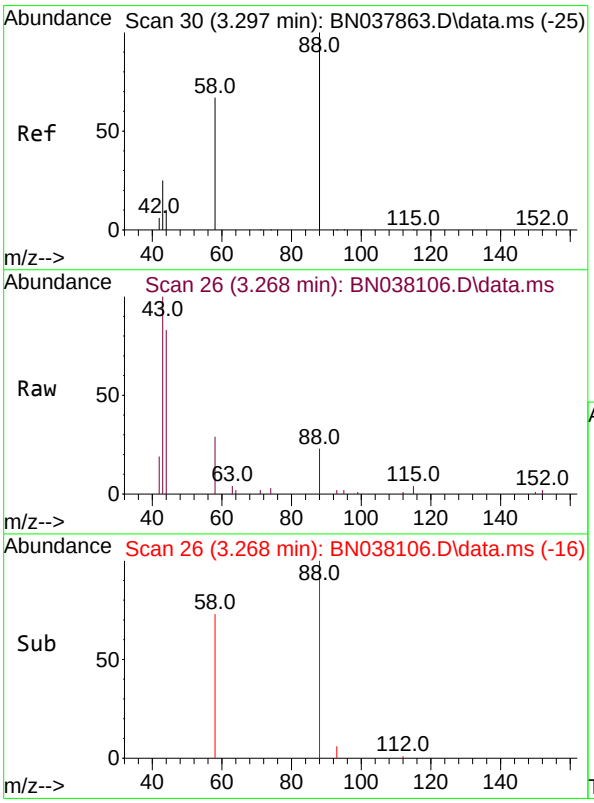
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 6
Delta R.T. -0.036 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:152 Resp: 7049

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.0	181.4
115	59.7	47.4	71.0

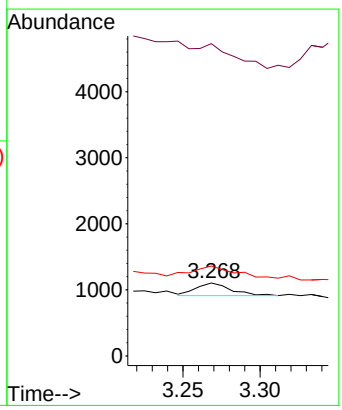


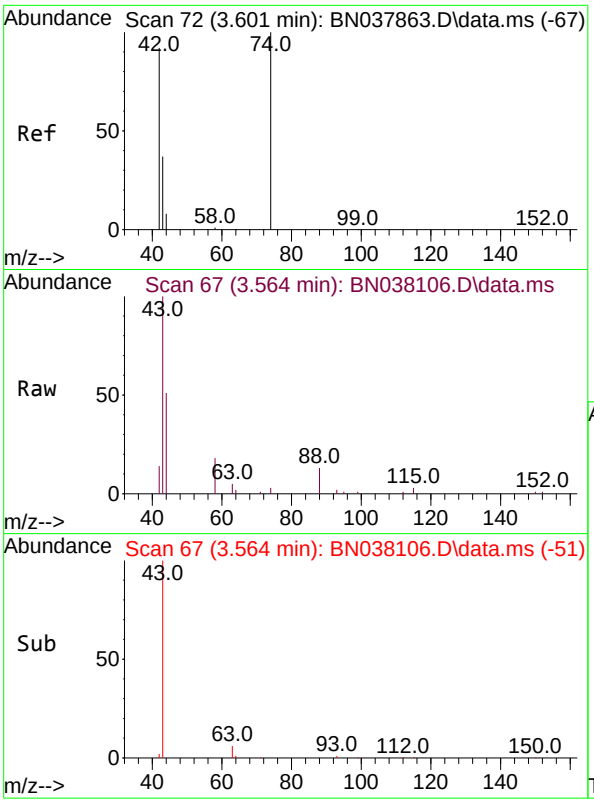


#2
1,4-Dioxane
Concen: 0.042 ng
RT: 3.268 min Scan# 26
Delta R.T. -0.029 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion: 88 Resp: 302

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	164.2	58.9	88.3#



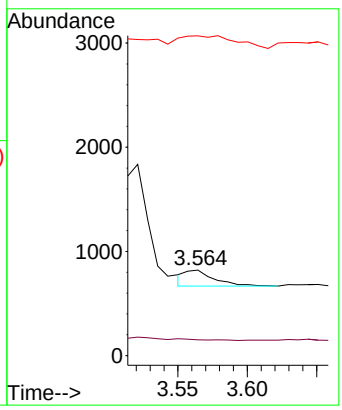


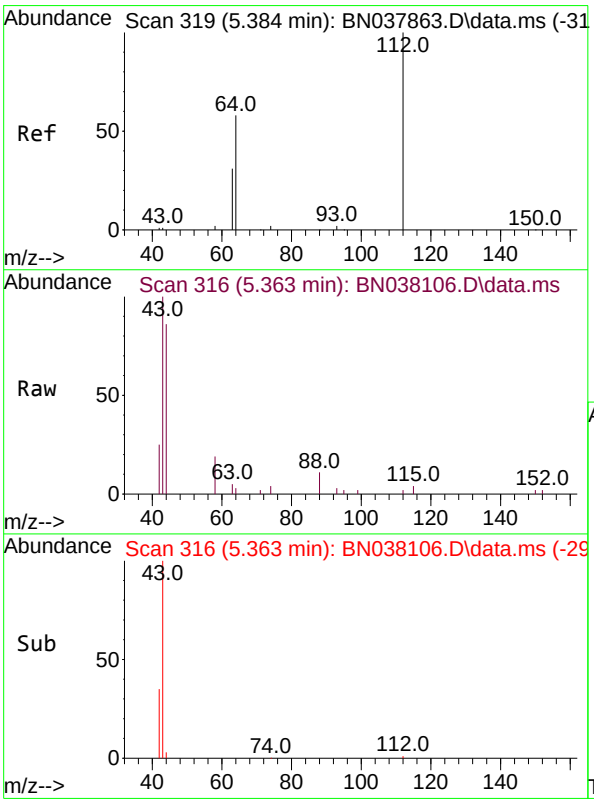
#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.564 min Scan# 6
Delta R.T. -0.036 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion: 42 Resp: 221

Ion	Ratio	Lower	Upper
42	100		
74	0.0	93.4	140.0#
44	157.9	22.2	33.4#

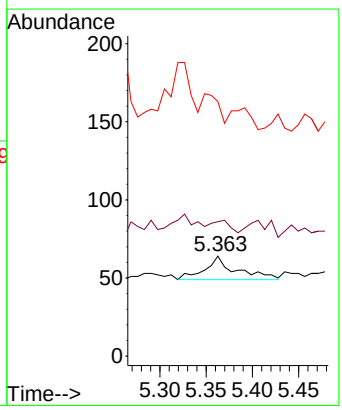


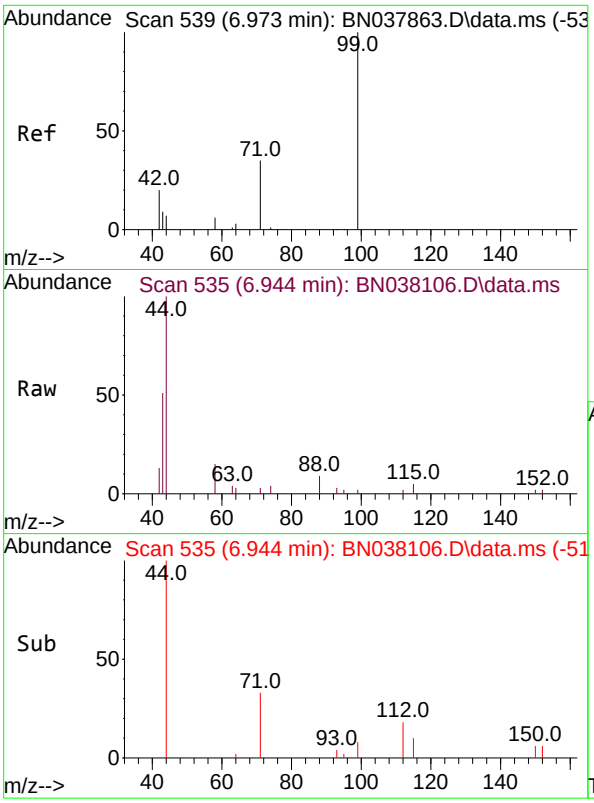


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.022 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:112 Resp: 35

Ion	Ratio	Lower	Upper
112	100		
64	28.6	44.6	66.8#
63	0.0	24.9	37.3#



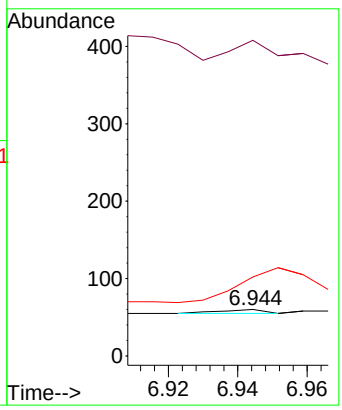


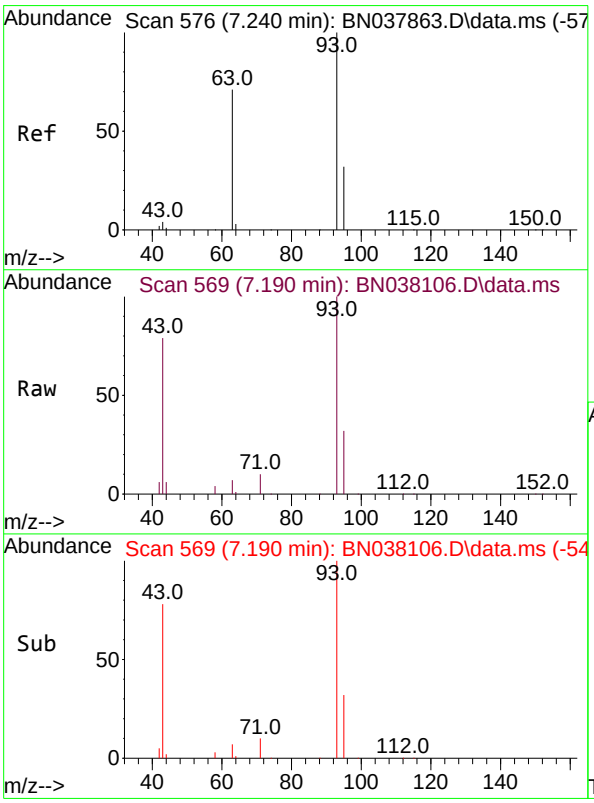
#5
Phenol-d6
Concen: 0.000 ng
RT: 6.944 min Scan# 5
Delta R.T. -0.029 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion: 99 Resp: 4

Ion	Ratio	Lower	Upper
99	100		
42	825.0	17.2	25.8#
71	1625.0	27.3	40.9#

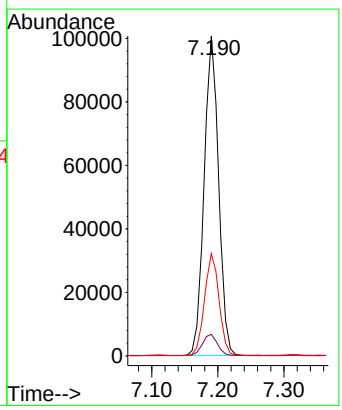


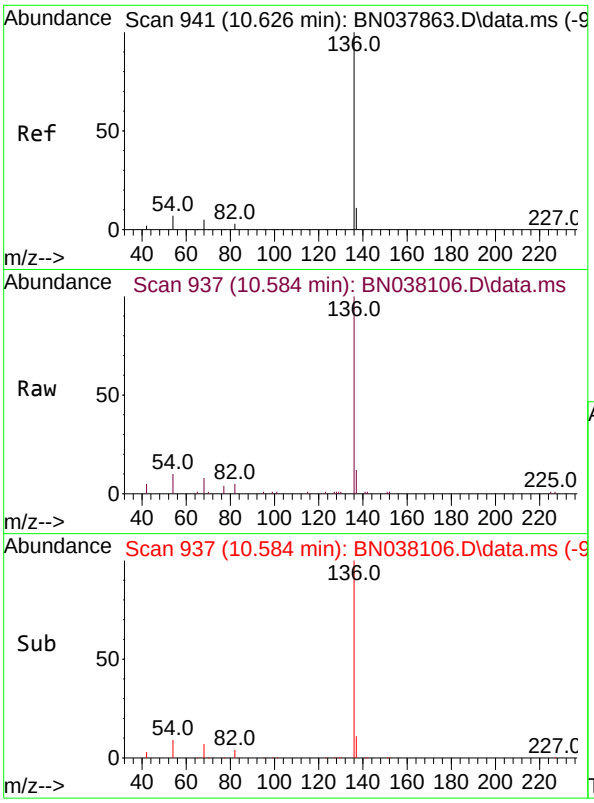


#6
bis(2-Chloroethyl)ether
Concen: 7.810 ng
RT: 7.190 min Scan# 569
Delta R.T. -0.051 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion: 93 Resp: 153227

Ion	Ratio	Lower	Upper
93	100		
63	6.8	60.1	90.1#
95	32.0	25.4	38.2



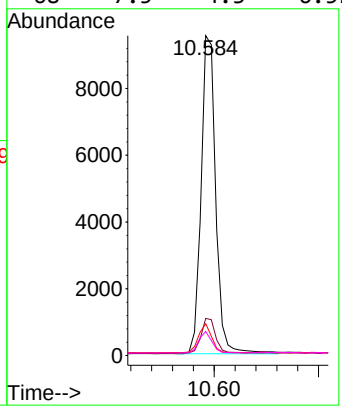


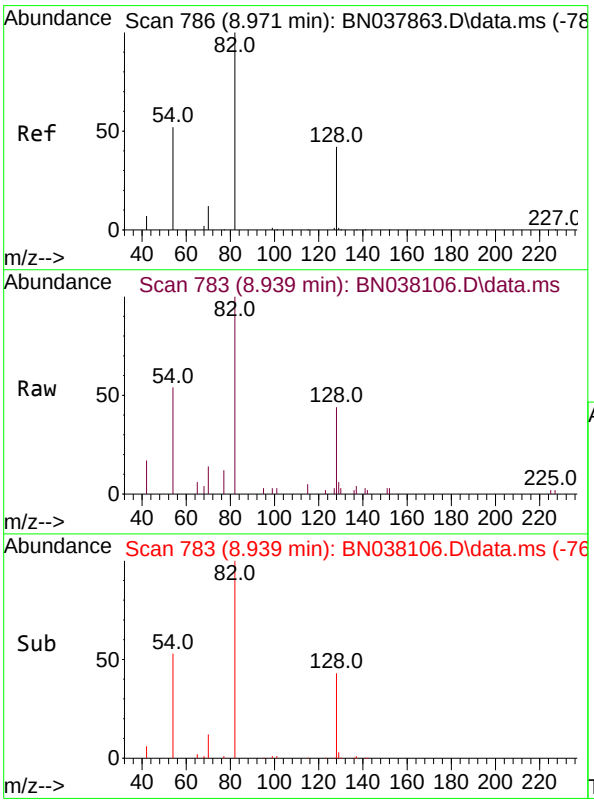
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. -0.043 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:136 Resp: 18555

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.0	5.8	8.8#
68	7.5	4.3	6.5#

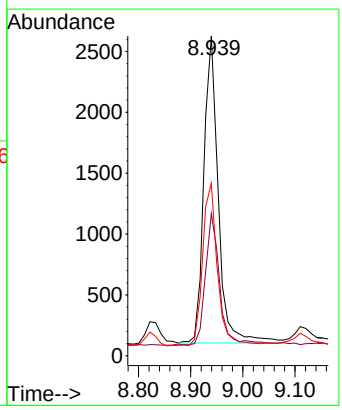


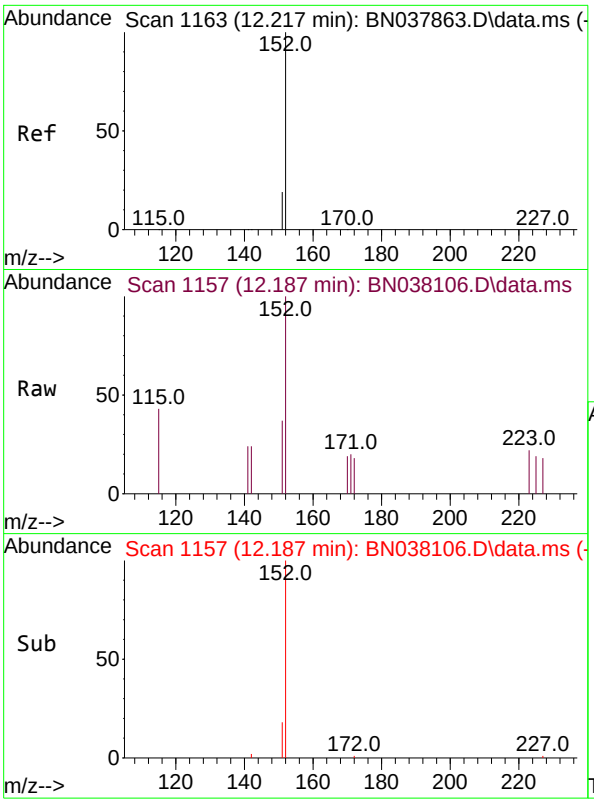


#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.939 min Scan# 783
Delta R.T. -0.032 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion: 82 Resp: 4860

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.8	52.2
54	53.9	42.2	63.2



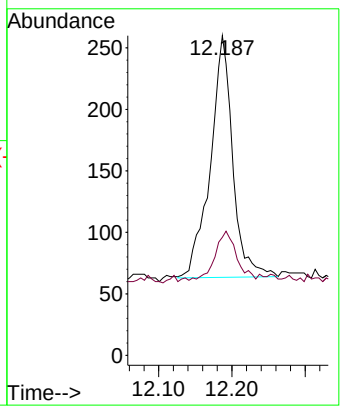


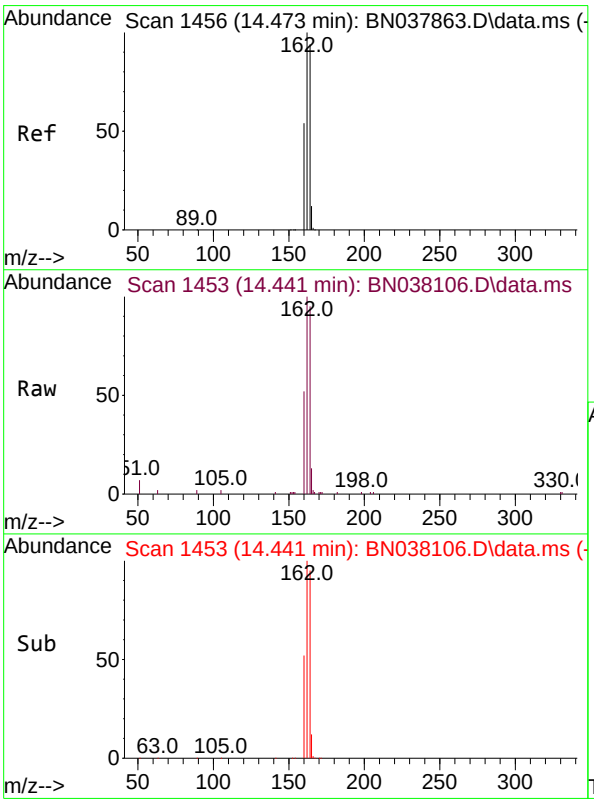
#11
2-Methylnaphthalene-d10
Concen: 0.016 ng
RT: 12.187 min Scan# 11
Delta R.T. -0.030 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:152 Resp: 418

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.4	26.2

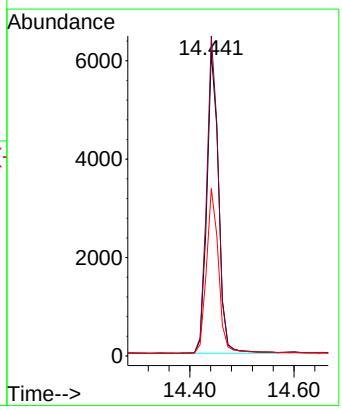


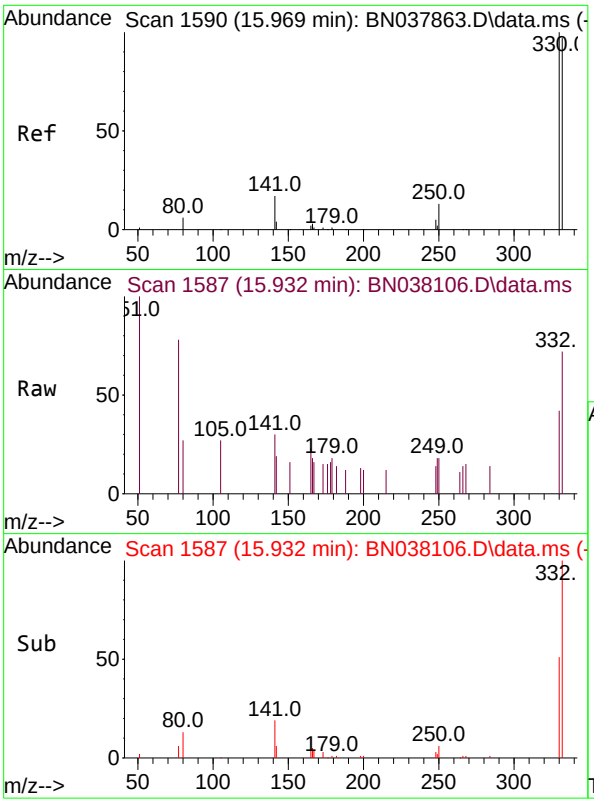


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. -0.032 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:164 Resp: 9633

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.8	127.2
160	55.1	46.1	69.1



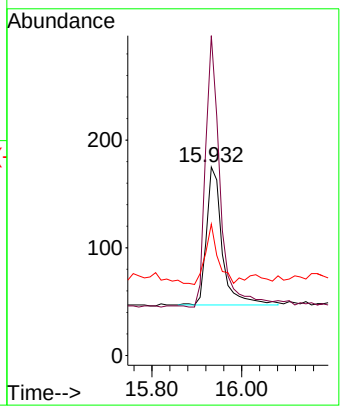


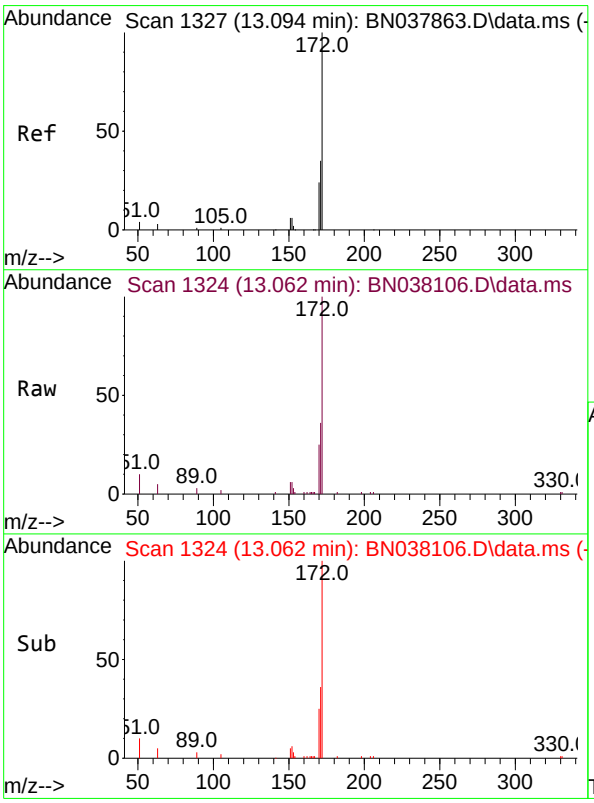
#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 15.932 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:330 Resp: 312

Ion	Ratio	Lower	Upper
330	100		
332	184.3	77.2	115.8#
141	33.0	37.2	55.8#

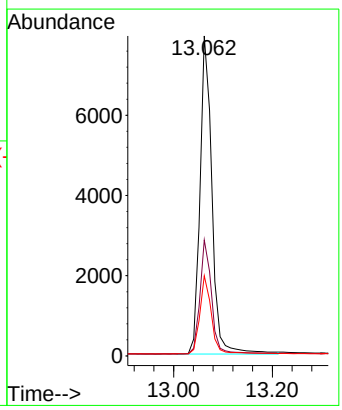


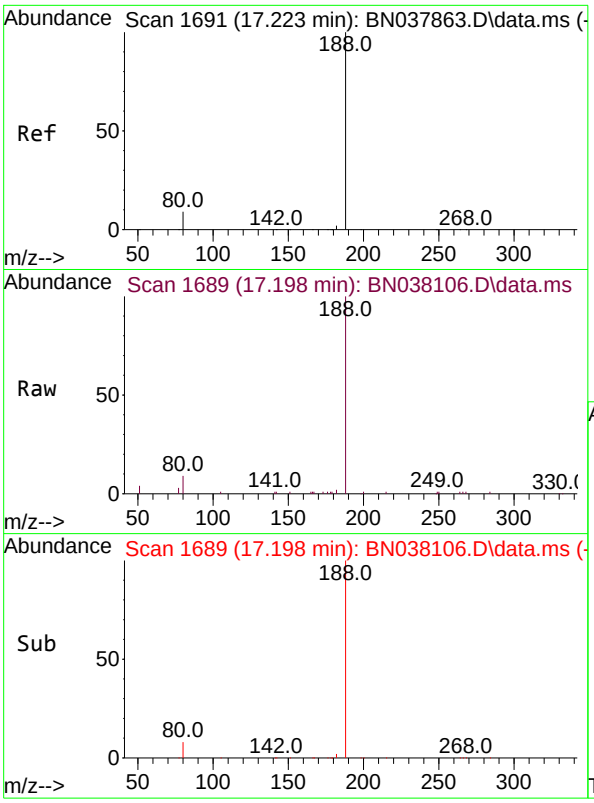


#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.062 min Scan# 1324
Delta R.T. -0.032 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:172 Resp: 13330

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	25.0	19.7	29.5



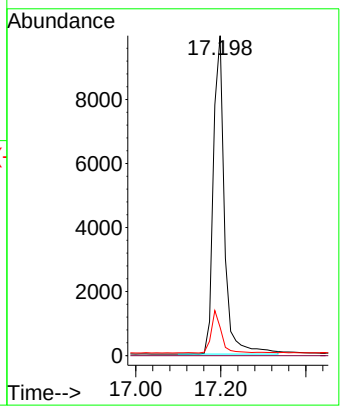


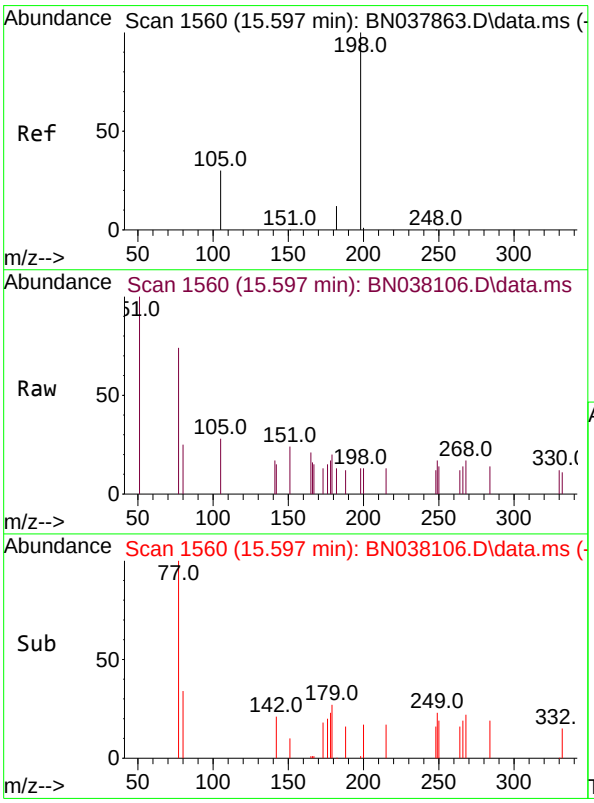
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:188 Resp: 17997

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.6	11.4

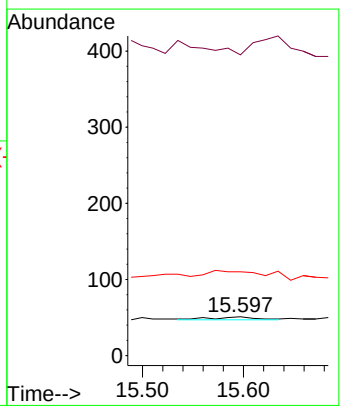


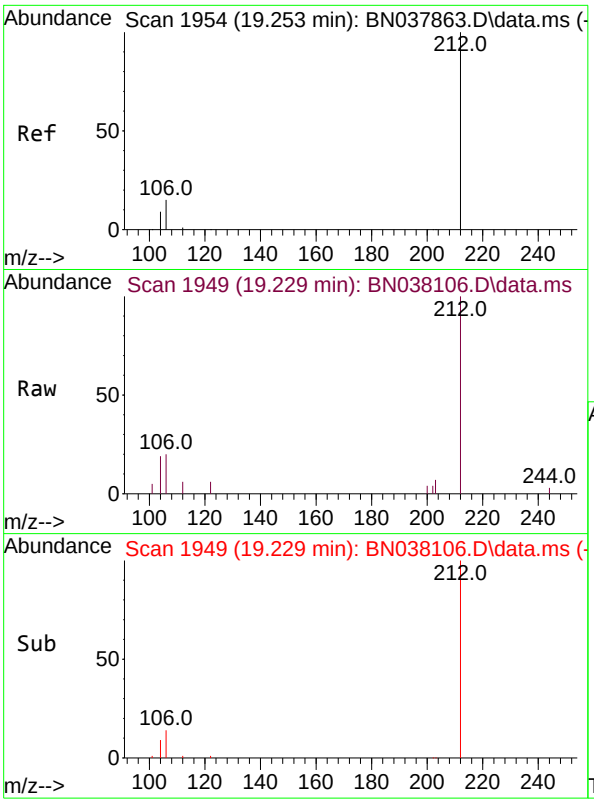


#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 15.597 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:198 Resp: 12

Ion	Ratio	Lower	Upper
198	100		
51	774.5	59.1	88.7#
105	215.7	41.3	61.9#



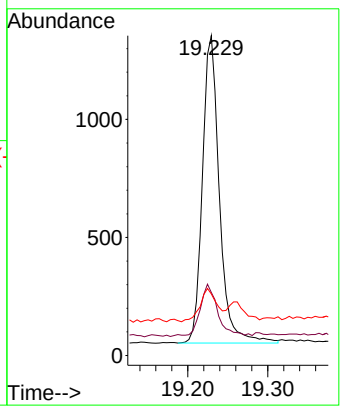


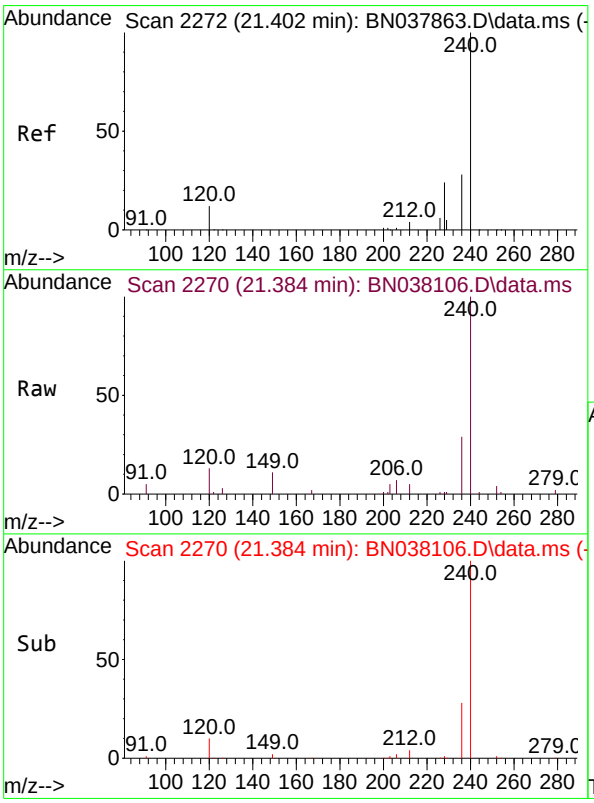
#27
Fluoranthene-d10
Concen: 0.042 ng
RT: 19.229 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:212 Resp: 1918

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	10.4	7.4	11.0

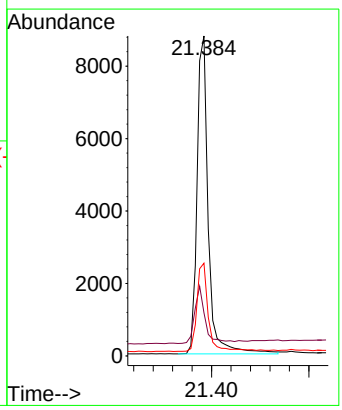


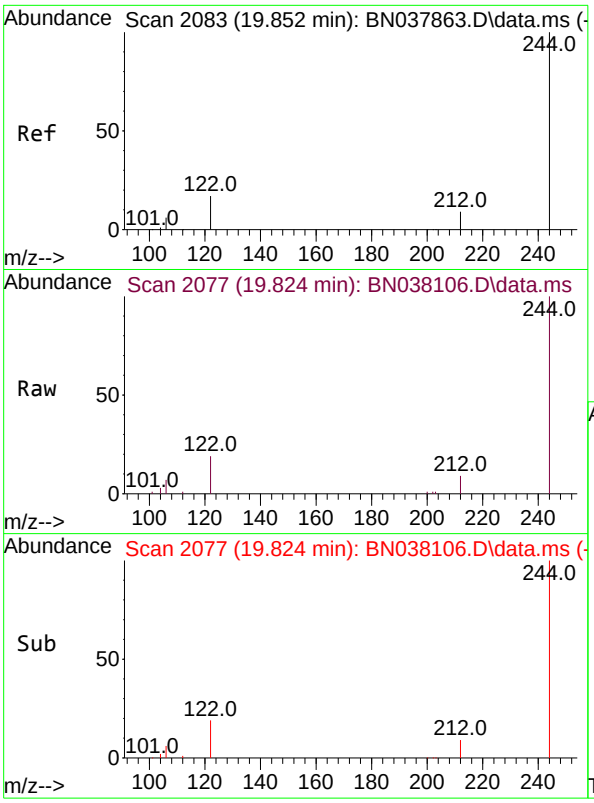


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:240 Resp: 14009

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.4	17.2
236	29.0	23.0	34.6



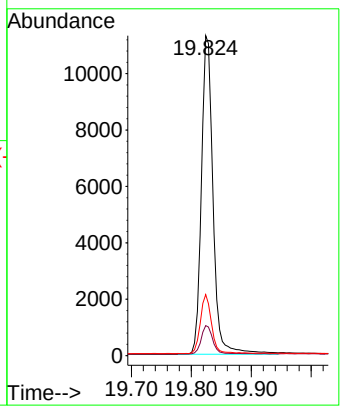


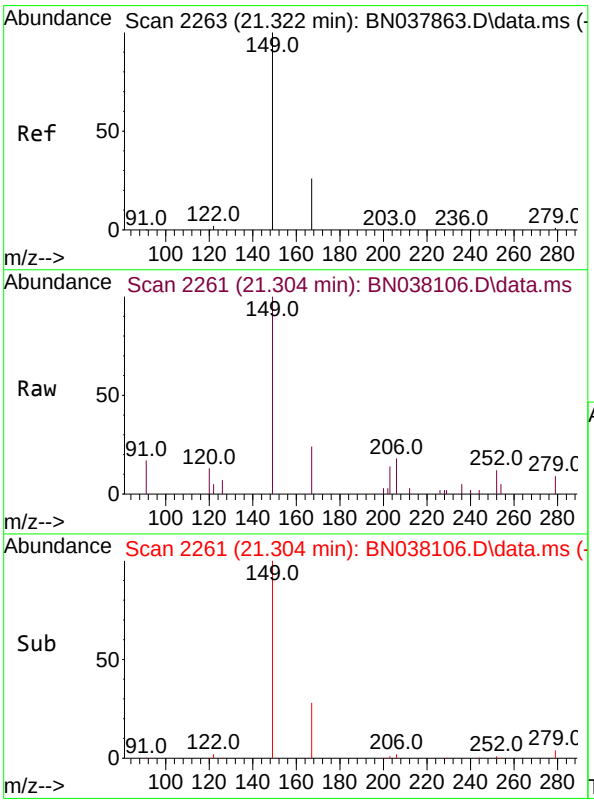
#31
Terphenyl-d14
Concen: 0.546 ng
RT: 19.824 min Scan# 20
Delta R.T. -0.028 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:244 Resp: 15238

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.6	11.4
122	19.1	13.9	20.9

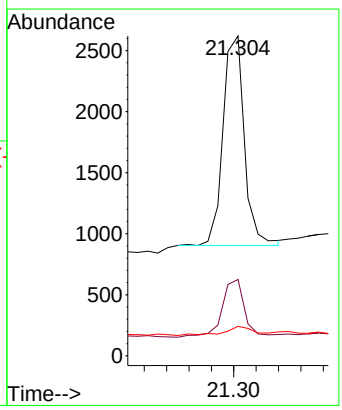


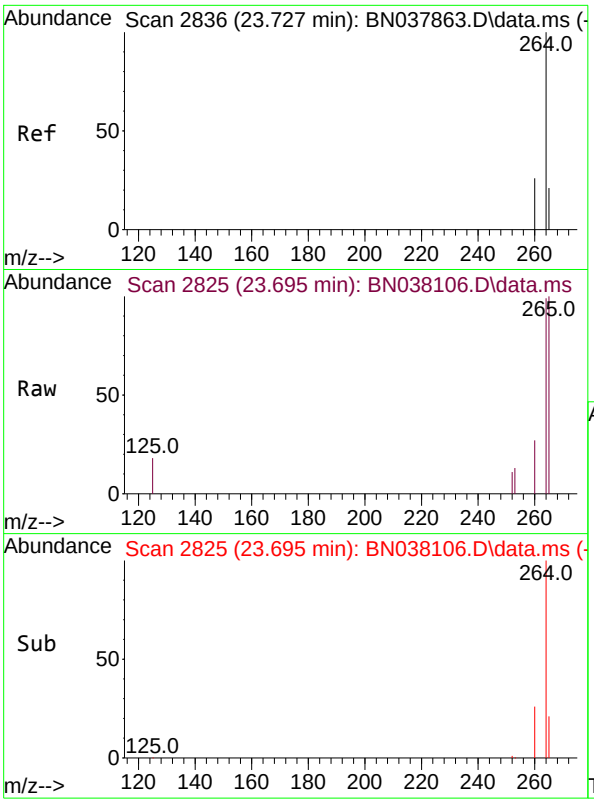


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Tgt Ion:149 Resp: 2271

Ion	Ratio	Lower	Upper
149	100		
167	28.9	20.4	30.6
279	5.9	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.695 min Scan# 2
Delta R.T. -0.032 min
Lab File: BN038106.D
Acq: 20 Oct 2025 20:21

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251010

Tgt Ion:264 Resp: 12701

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.5	32.3
265	100.7	53.8	80.6#