Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038326.D
Acq On : 11 Dec 2025 20:16
Operator : RC/JU
Sample : Q3788-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Quant Time: Dec 12 00:11:03 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	5312	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14704	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8122	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	14757	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12246	0.400	ng	0.00
35) Perylene-d12	23.636	264	12457	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1583	0.120	ng	0.00
5) Phenol-d6	6.887	99	1101	0.070	ng	0.00
8) Nitrobenzene-d5	8.875	82	4197	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6672	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1368	0.380	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	12194	0.312	ng	0.00
27) Fluoranthene-d10	19.183	212	14543	0.398	ng	0.00
31) Terphenyl-d14	19.787	244	11162	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	176	0.029	ng	# 1
6) bis(2-Chloroethyl)ether	7.197	93	5187	0.337	ng	# 23
17) Acenaphthene	14.409	154	1700	0.061	ng	# 12
25) Phenanthrene	17.186	178	1265	0.025	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.268	149	2769	0.107	ng	# 96

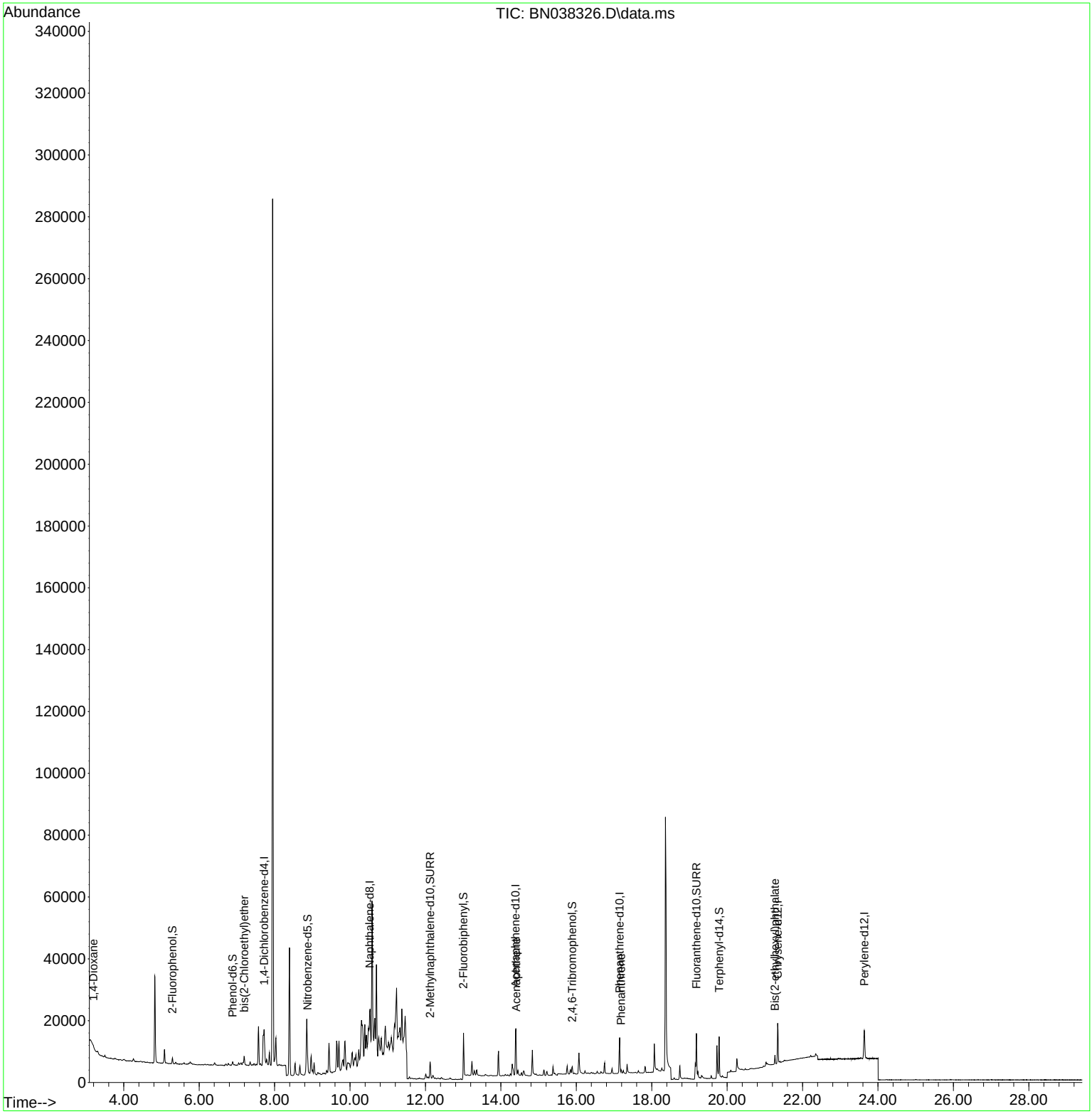
(#) = qualifier out of range (m) = manual integration (+) = signals summed

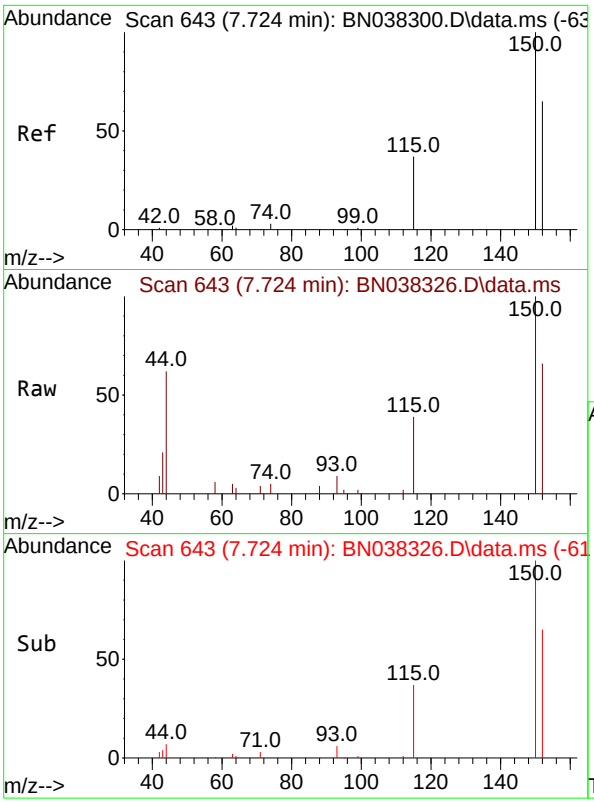
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038326.D
Acq On : 11 Dec 2025 20:16
Operator : RC/JU
Sample : Q3788-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Quant Time: Dec 12 00:11:03 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



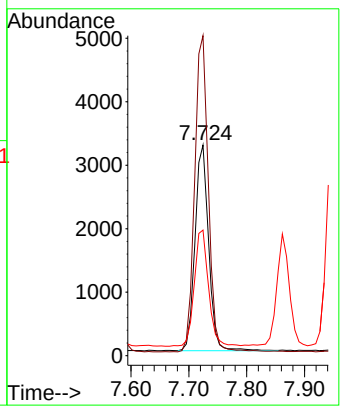


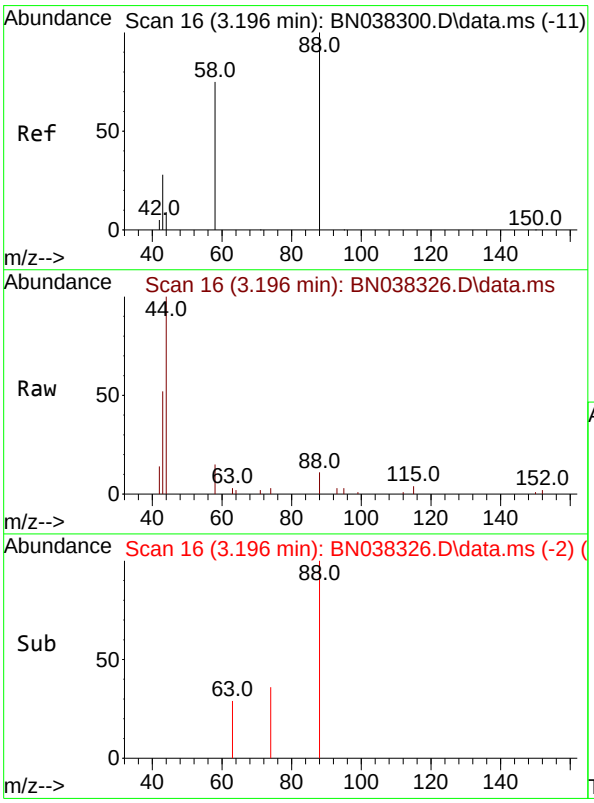
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:152 Resp: 5312

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.4	183.6
115	59.7	47.3	70.9

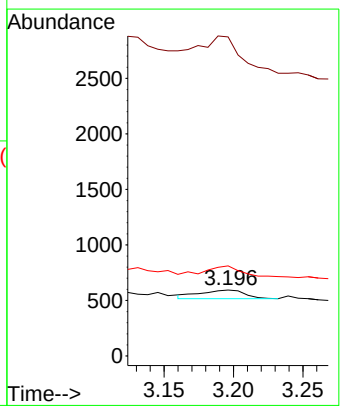


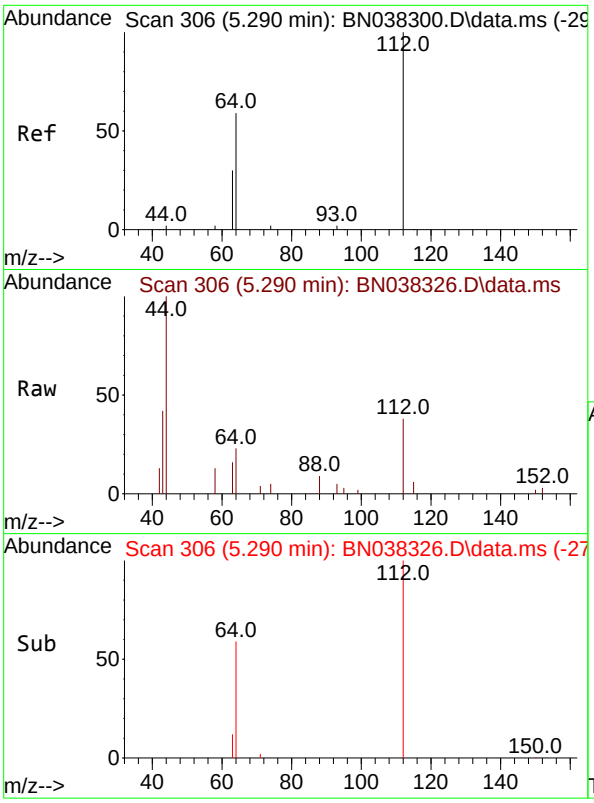


#2
1,4-Dioxane
Concen: 0.029 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion: 88 Resp: 176

Ion	Ratio	Lower	Upper
88	100		
43	519.9	24.9	37.3#
58	130.1	61.4	92.0#



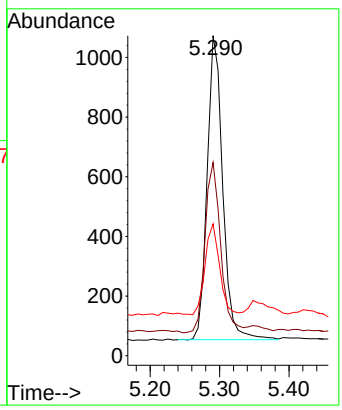


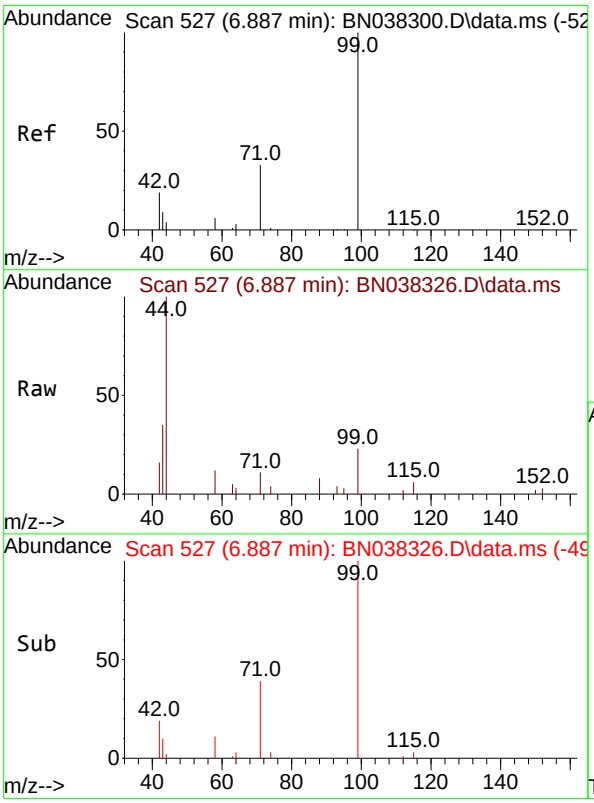
#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.290 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:112 Resp: 1583

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.4	66.6
63	29.0	23.4	35.0

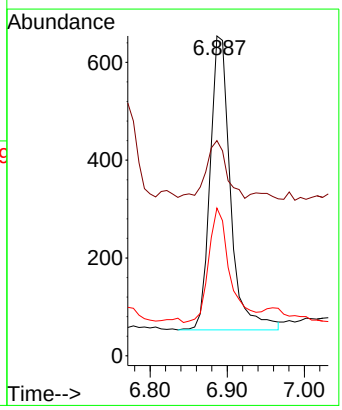


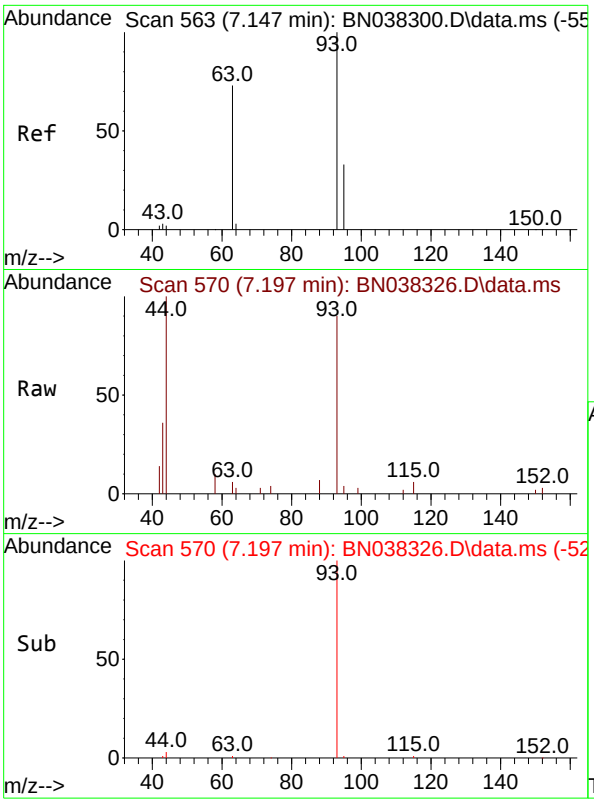


#5
Phenol-d6
Concen: 0.070 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion: 99 Resp: 1101

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.5	24.7
71	40.4	24.9	37.3#



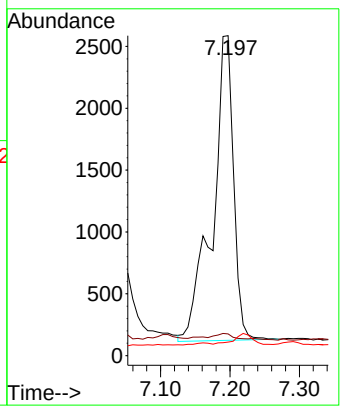


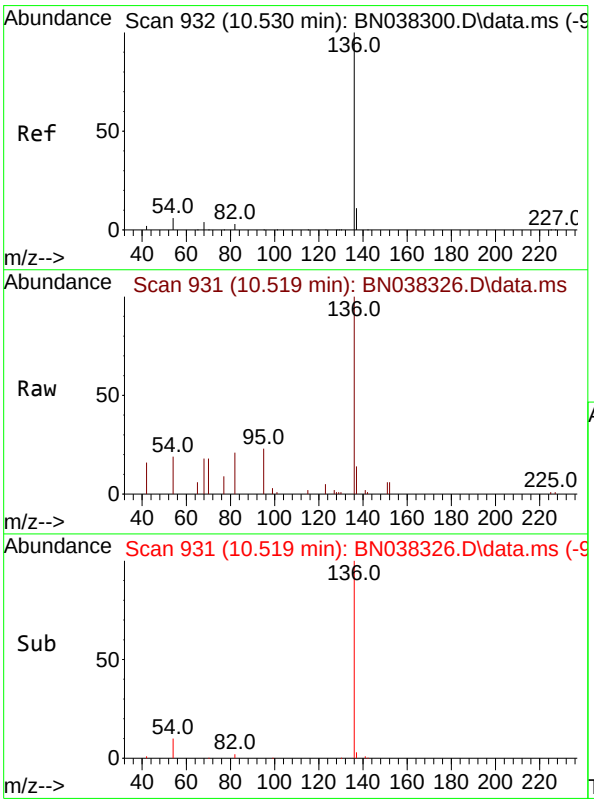
#6
bis(2-Chloroethyl)ether
Concen: 0.337 ng
RT: 7.197 min Scan# 5
Delta R.T. 0.051 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion: 93 Resp: 5187

Ion	Ratio	Lower	Upper
93	100		
63	1.9	59.2	88.8#
95	0.0	25.2	37.8#

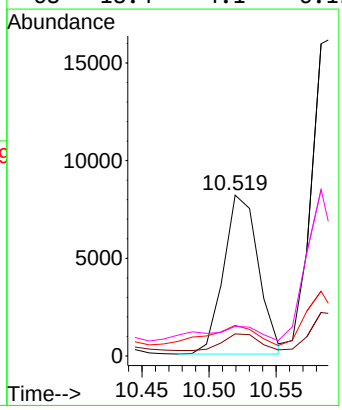


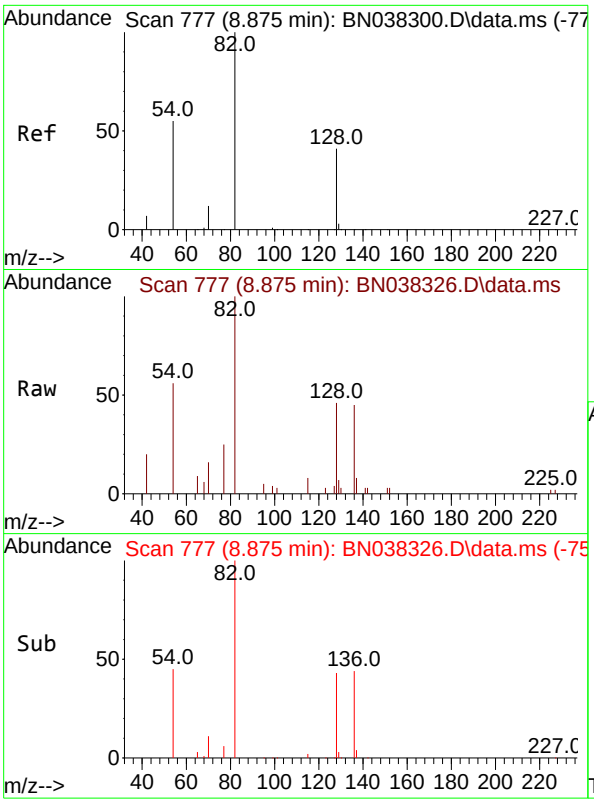


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:136 Resp: 14704

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.1	13.7#
54	19.1	5.2	7.8#
68	18.4	4.1	6.1#



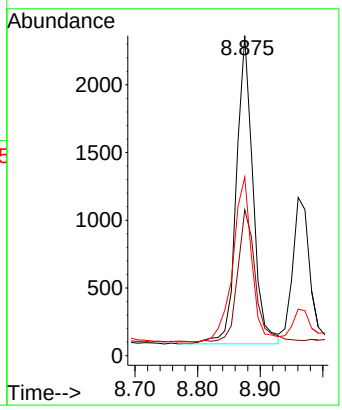


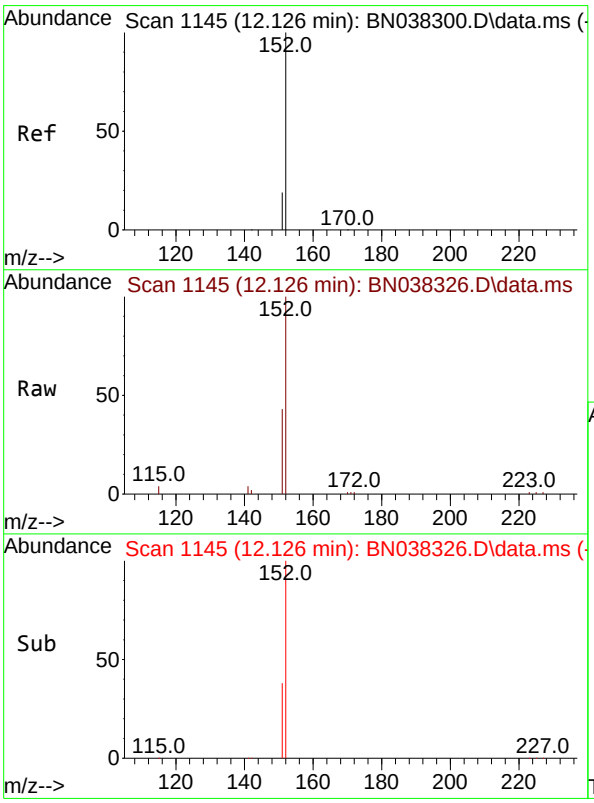
#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion: 82 Resp: 4197

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	55.8	44.4	66.6

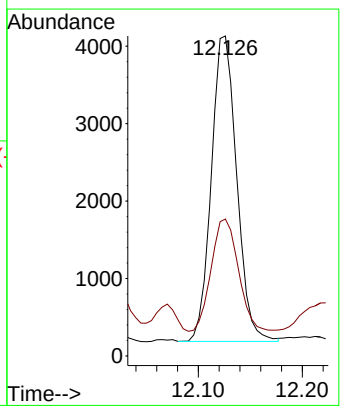


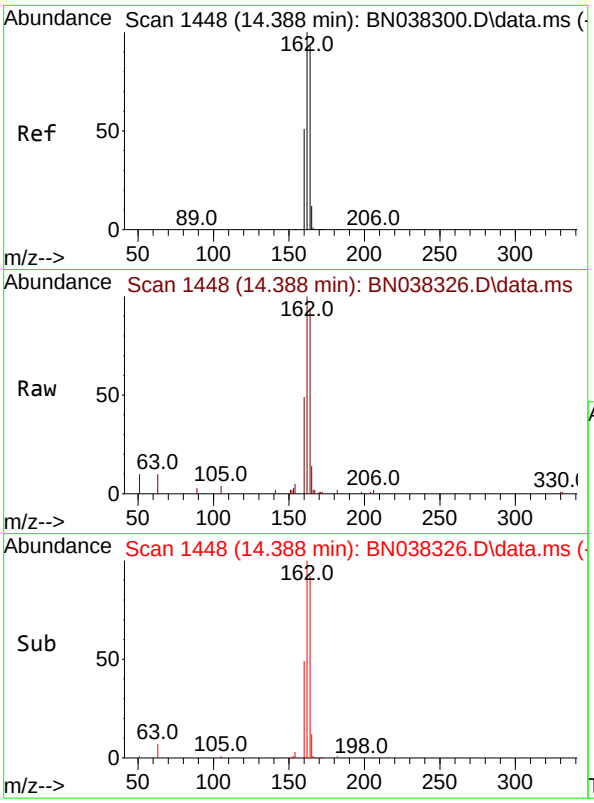


#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:152 Resp: 6672

Ion	Ratio	Lower	Upper
152	100		
151	39.3	17.0	25.6#



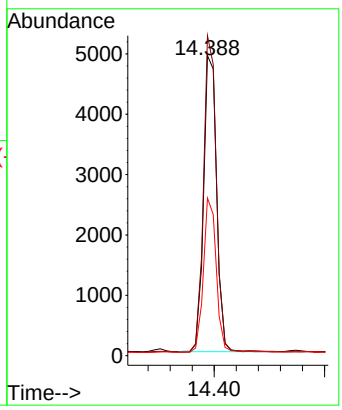


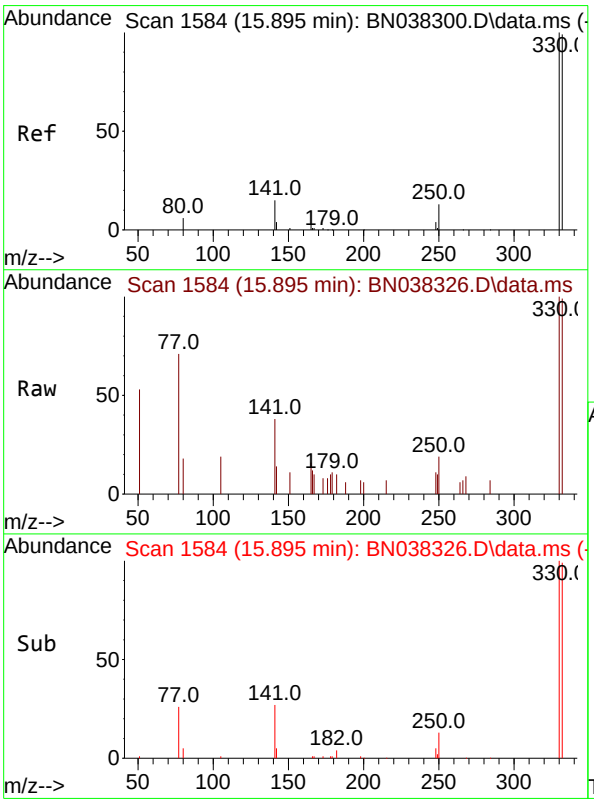
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:164 Resp: 8122

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.2	129.4
160	52.6	44.6	67.0

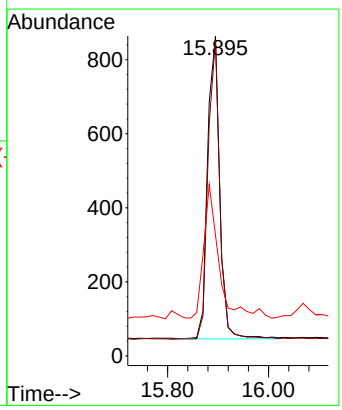


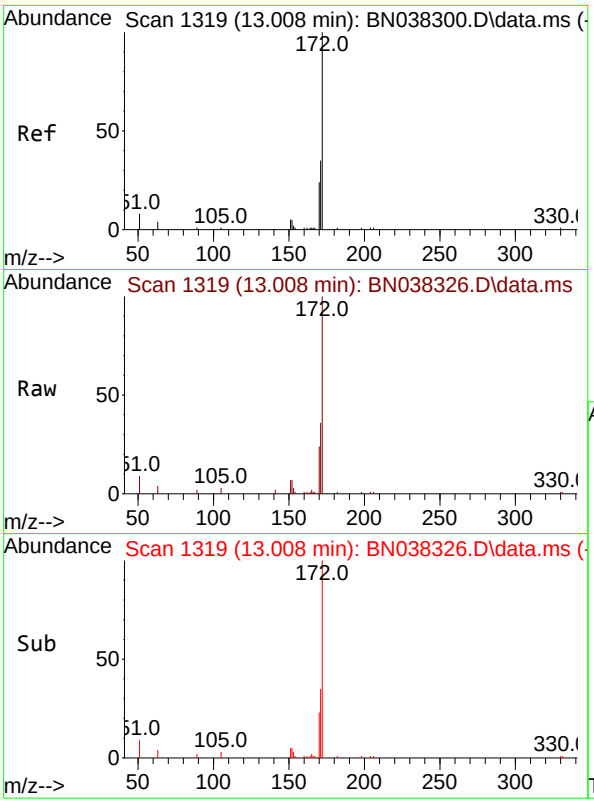


#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:330 Resp: 1368

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.6
141	55.1	31.8	47.8#



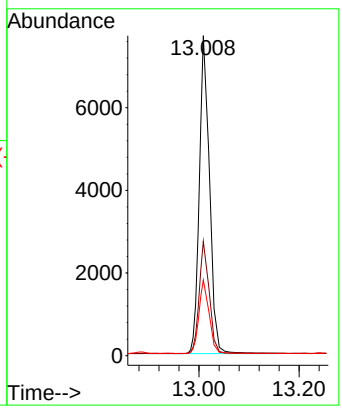


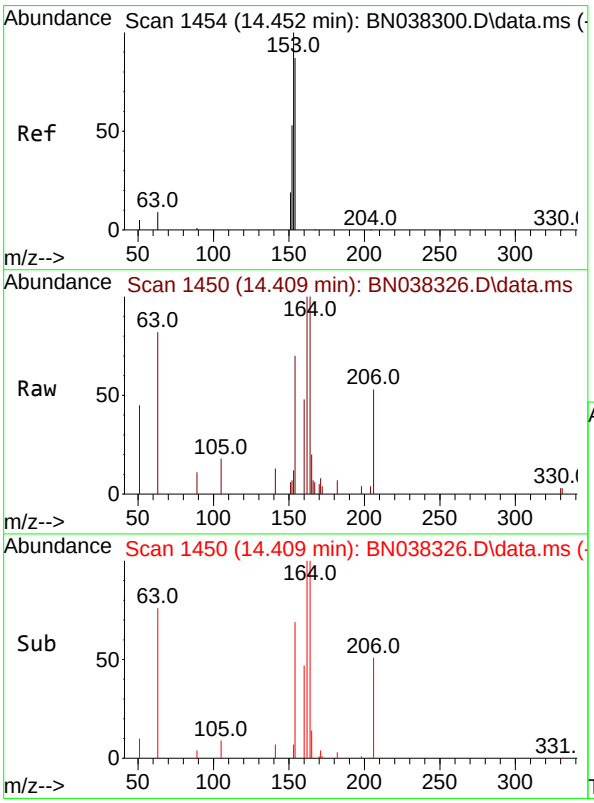
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.008 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:172 Resp: 12194

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	19.3	28.9

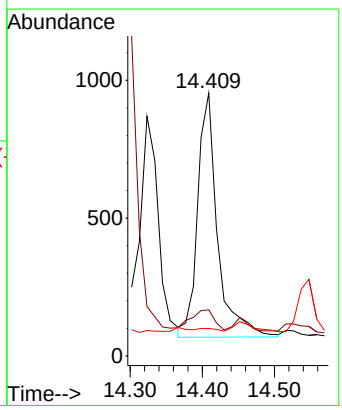


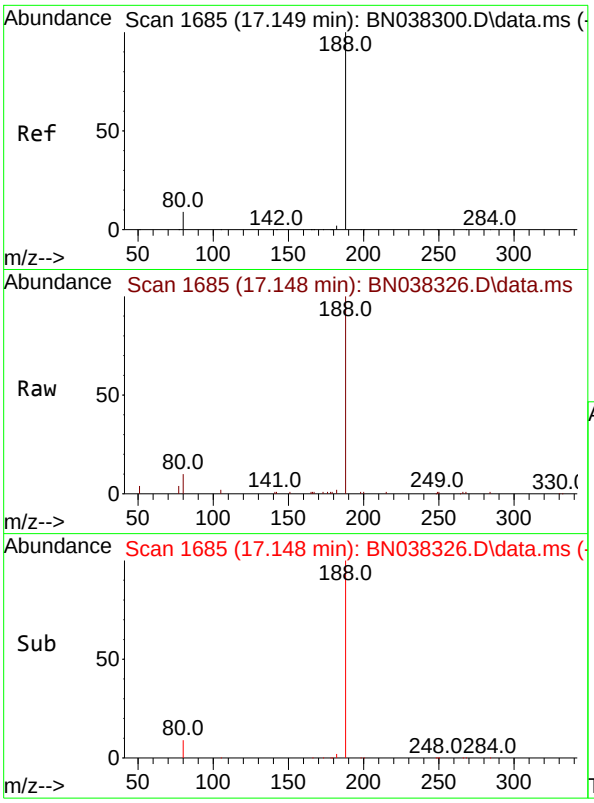


#17
Acenaphthene
Concen: 0.061 ng
RT: 14.409 min Scan# 1450
Delta R.T. -0.053 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:154 Resp: 1700

Ion	Ratio	Lower	Upper
154	100		
153	12.4	89.8	134.8#
152	1.7	47.5	71.3#



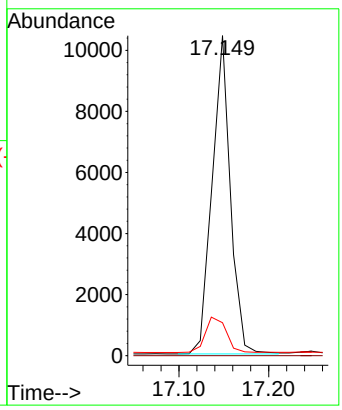


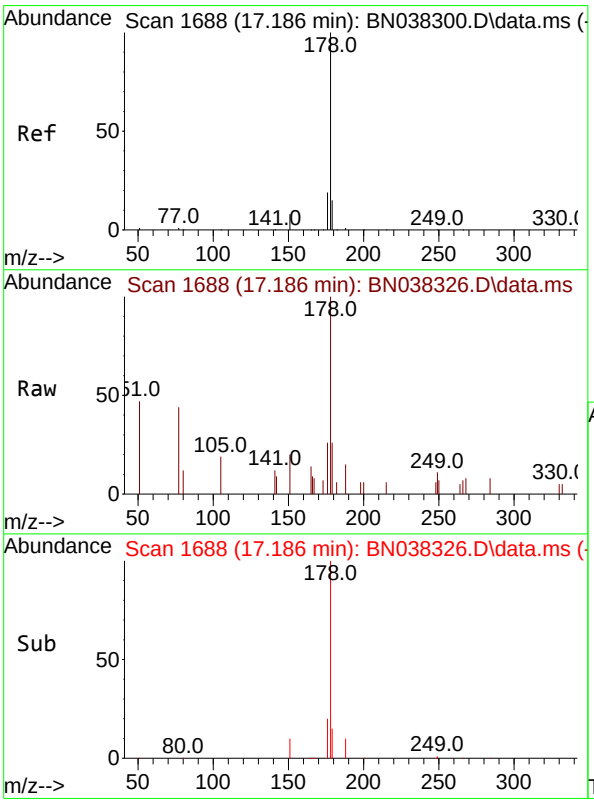
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:188 Resp: 14757

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	7.4	11.0

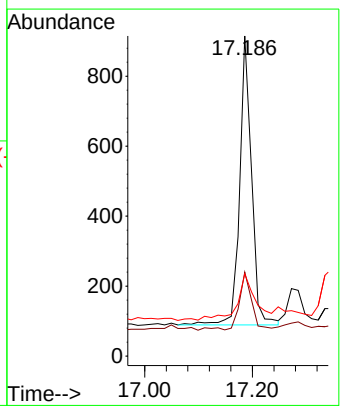


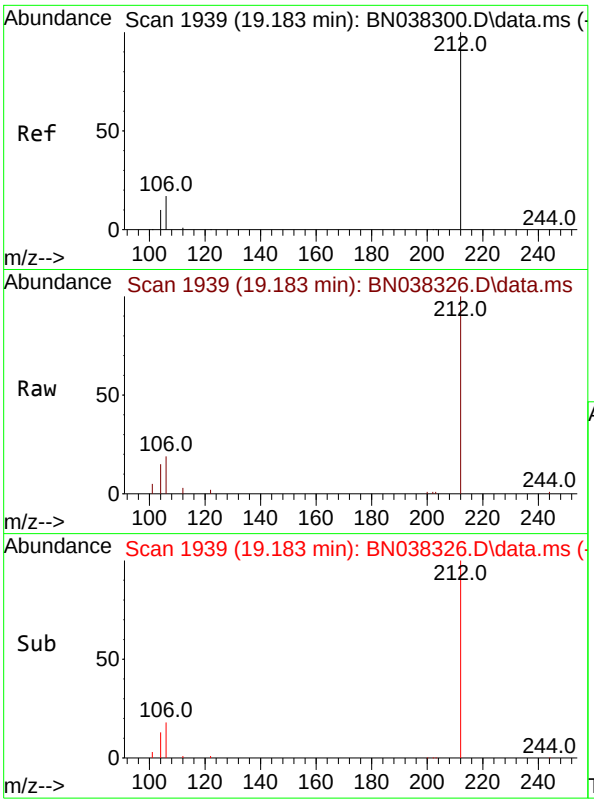


#25
Phenanthrene
Concen: 0.025 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:178 Resp: 1265

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	25.3	12.2	18.2#



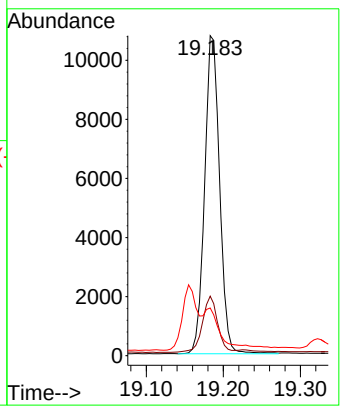


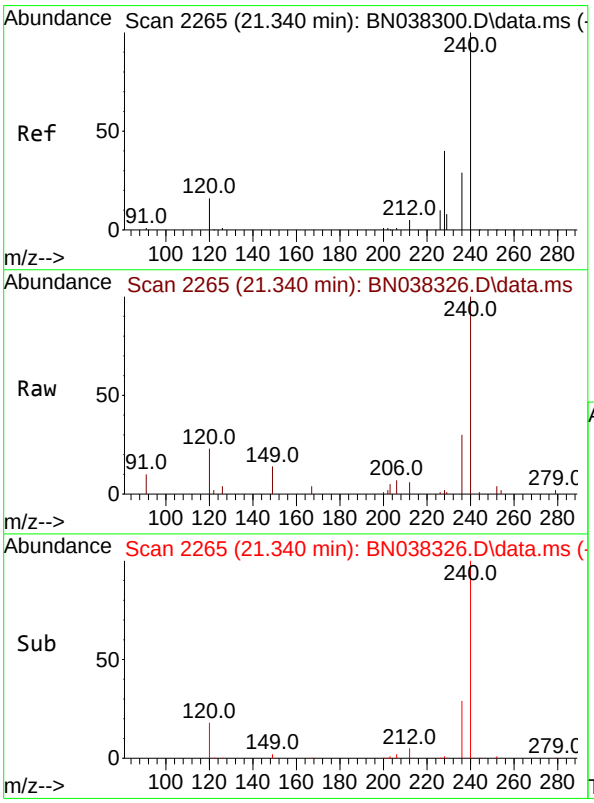
#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.183 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:212 Resp: 14543

Ion	Ratio	Lower	Upper
212	100		
106	17.9	13.7	20.5
104	0.0	7.8	11.8#

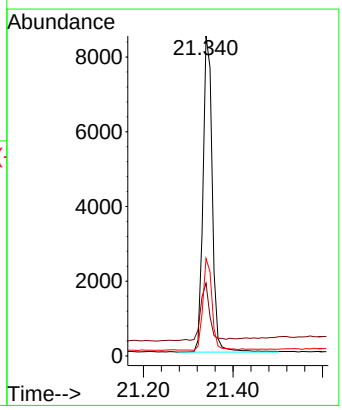


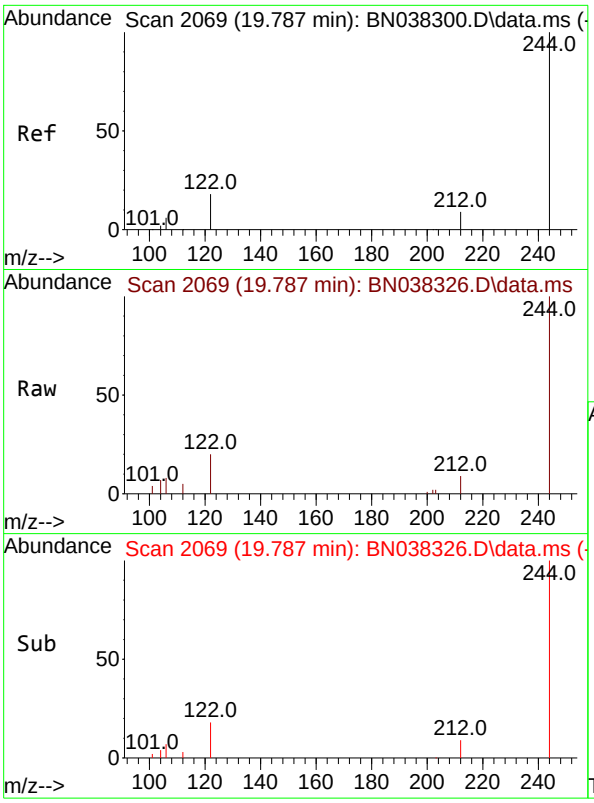


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:240 Resp: 12246

Ion	Ratio	Lower	Upper
240	100		
120	22.8	15.4	23.2
236	30.5	23.9	35.9



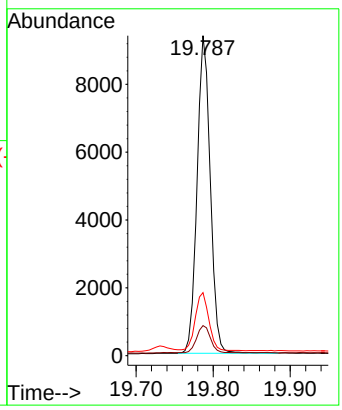


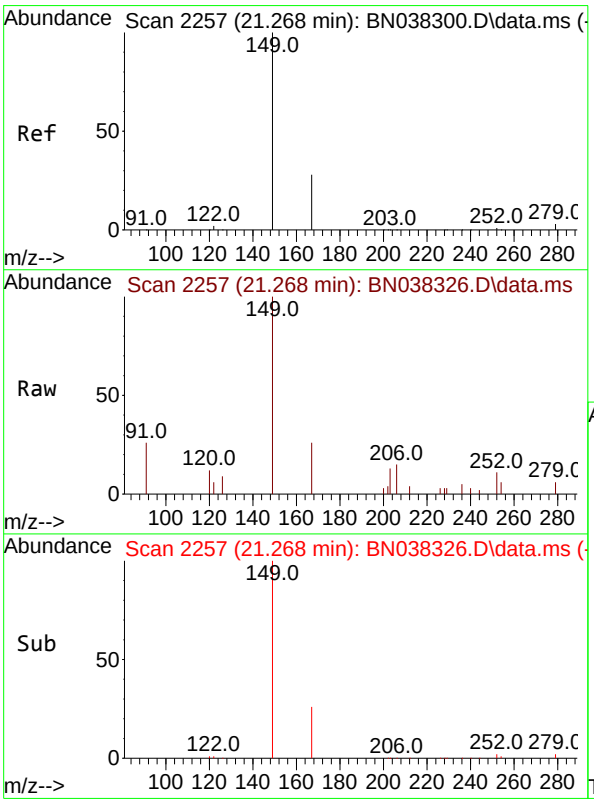
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.787 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:244 Resp: 11162

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	19.7	15.0	22.6

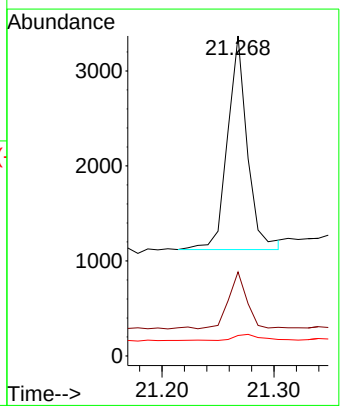


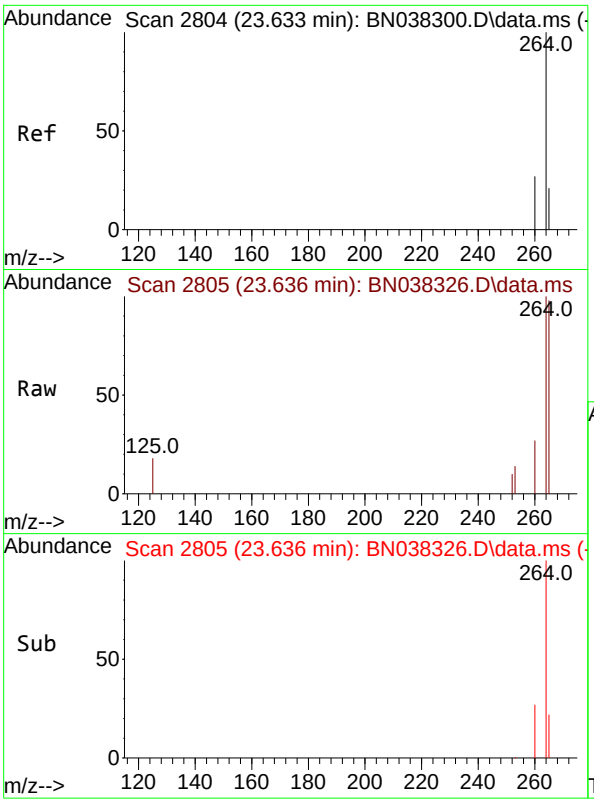


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:149 Resp: 2769

Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.4	32.0
279	4.0	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.636 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:264 Resp: 12457

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.2	33.2
265	98.2	80.2	120.2