Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037839.D
Acq On : 20 Sep 2025 06:50
Operator : RC/JU
Sample : Q3127-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Quant Time: Sep 22 00:36:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

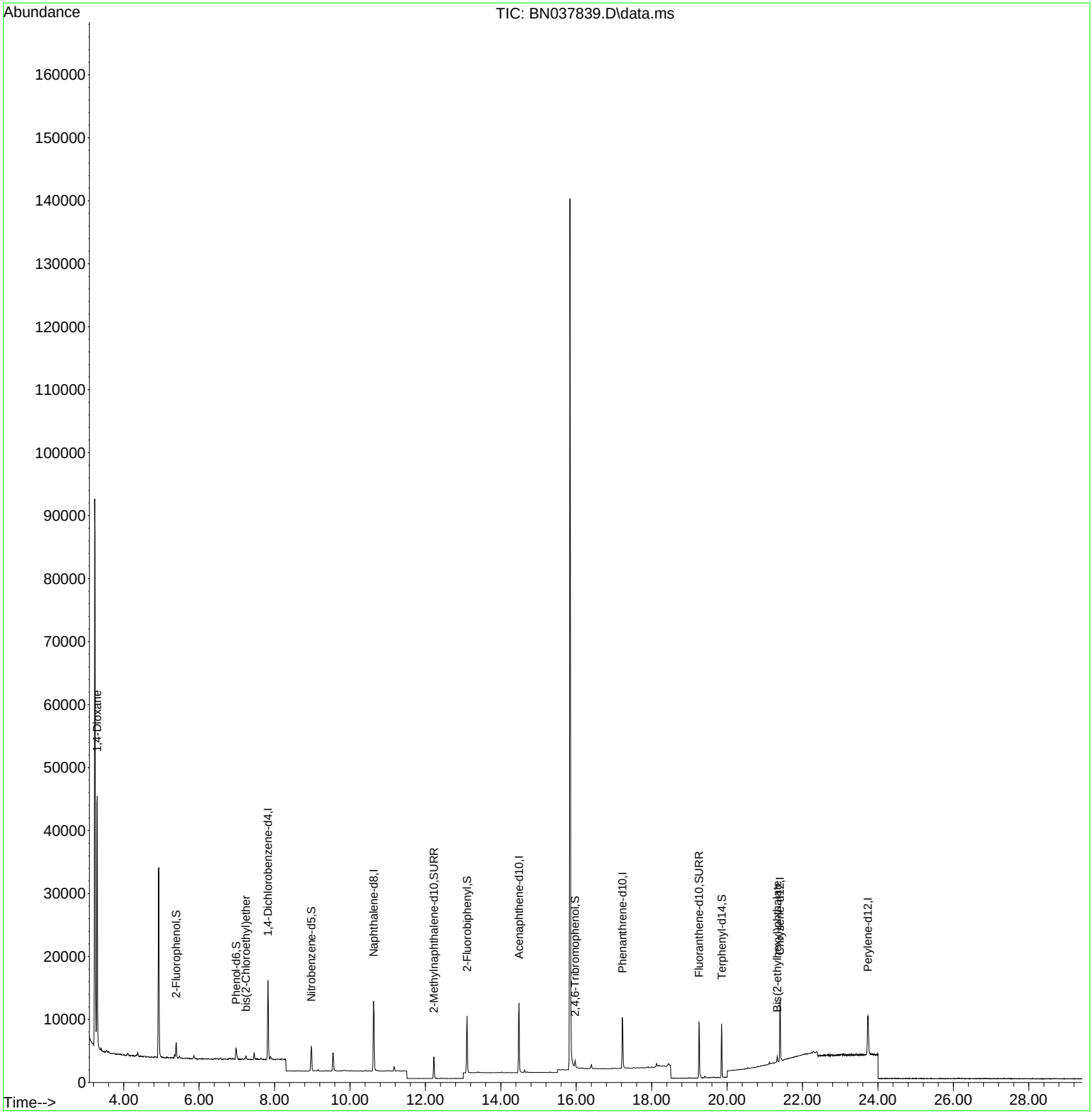
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5800	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	15024	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6297	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11149	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	9464	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	8977	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1900	0.143	ng	0.00
5) Phenol-d6	6.981	99	1528	0.089	ng	0.00
8) Nitrobenzene-d5	8.971	82	3242	0.295	ng	-0.02
11) 2-Methylnaphthalene-d10	12.223	152	4618	0.232	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	651	0.396	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7498	0.285	ng	-0.01
27) Fluoranthene-d10	19.257	212	9814	0.351	ng	-0.01
31) Terphenyl-d14	19.857	244	7680	0.400	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	24414	4.041	ng	97
6) bis(2-Chloroethyl)ether	7.241	93	390	0.025	ng	99
34) Bis(2-ethylhexyl)phtha...	21.331	149	919	0.094	ng	94

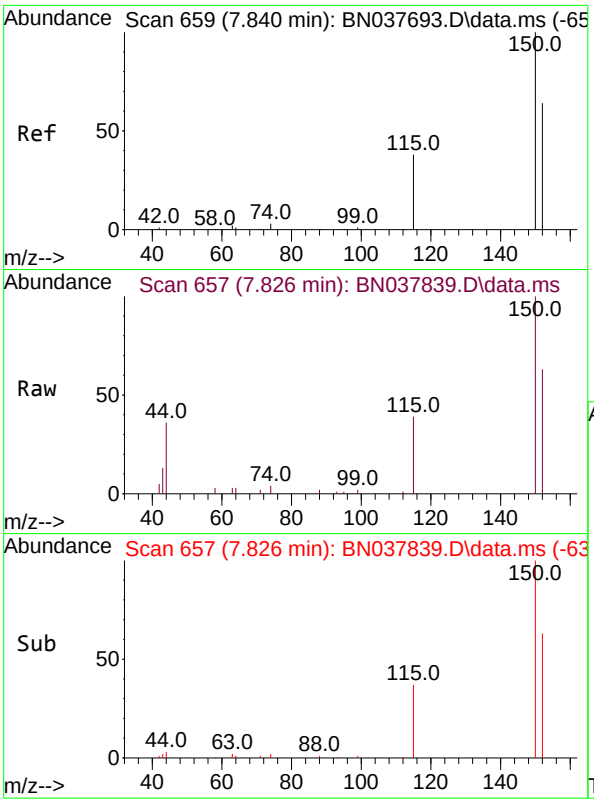
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037839.D
Acq On : 20 Sep 2025 06:50
Operator : RC/JU
Sample : Q3127-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Quant Time: Sep 22 00:36:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



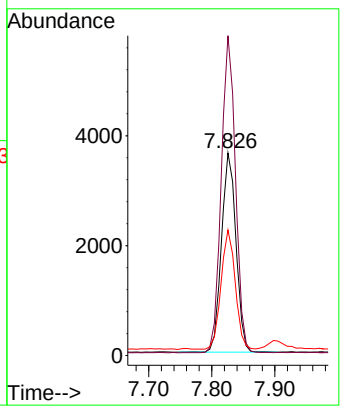


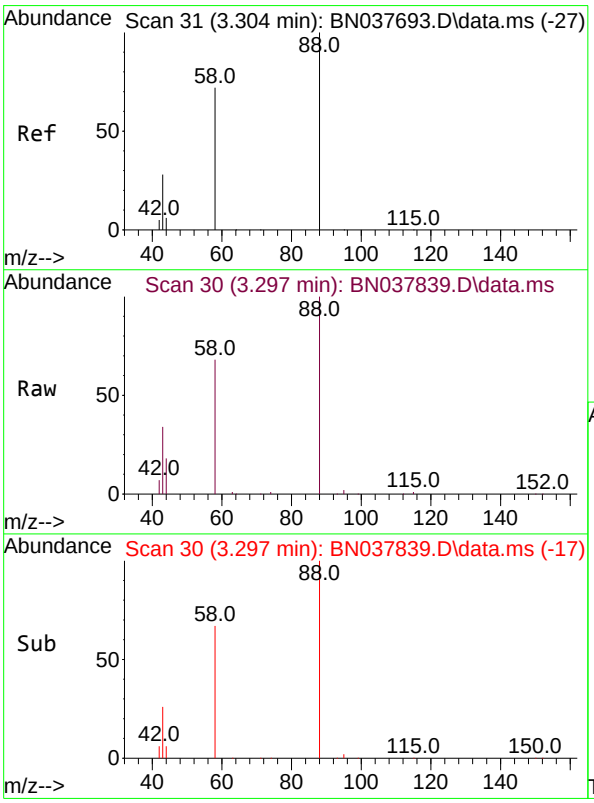
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion:152 Resp: 5800

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.5	186.7
115	62.0	49.2	73.8

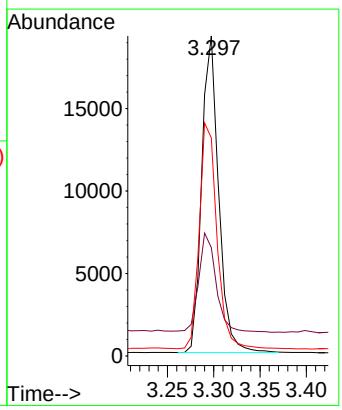


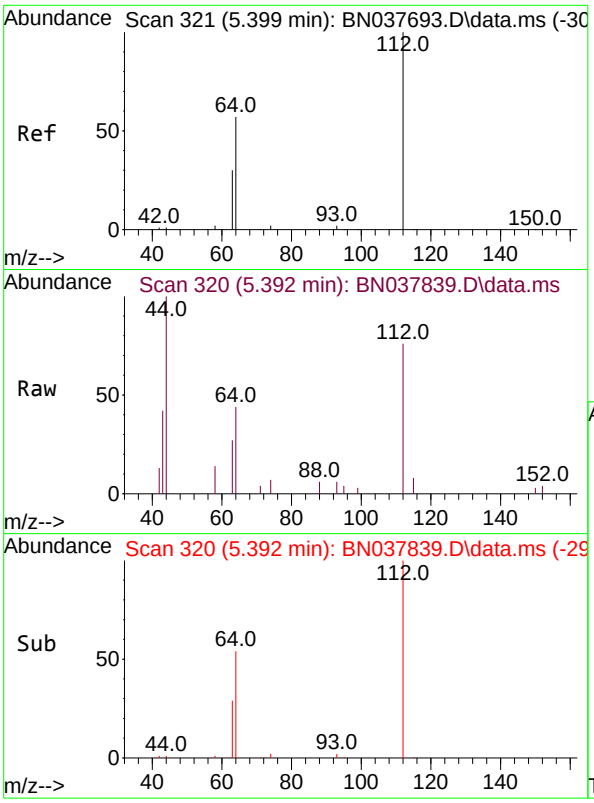


#2
1,4-Dioxane
Concen: 4.041 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion: 88 Resp: 24414

Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.8	40.2
58	74.3	61.9	92.9



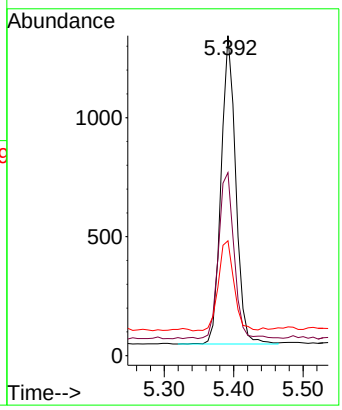


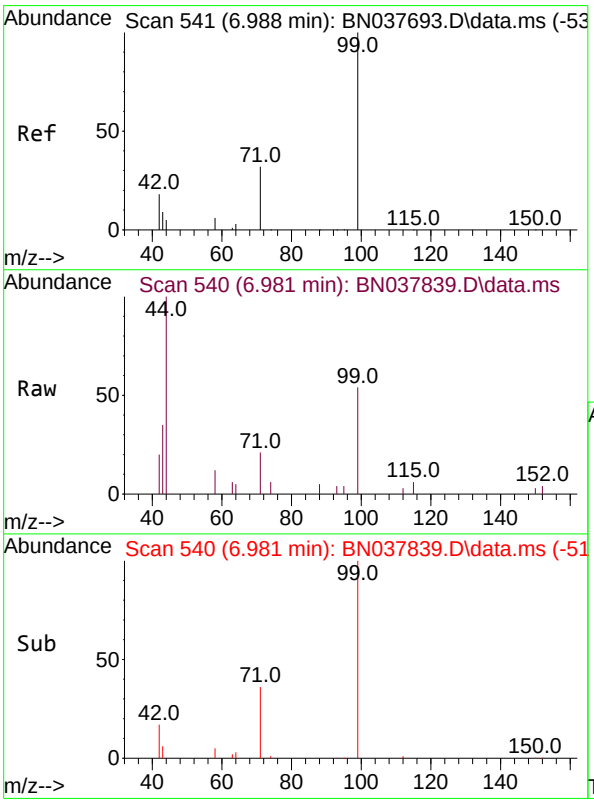
#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.392 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion:112 Resp: 1900

Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.9	67.3
63	31.6	24.7	37.1

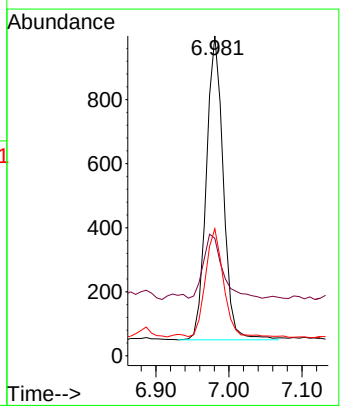


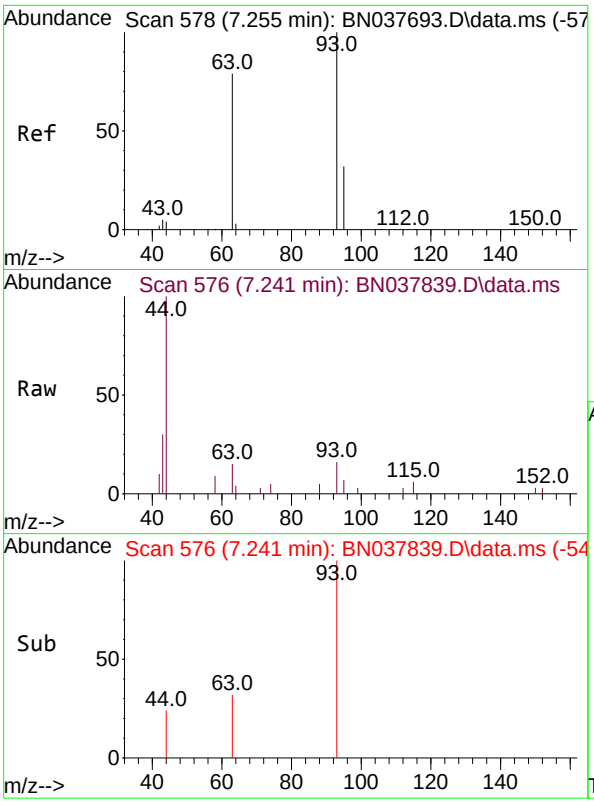


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion: 99 Resp: 1528

Ion	Ratio	Lower	Upper
99	100		
42	23.7	16.6	24.8
71	38.3	26.7	40.1



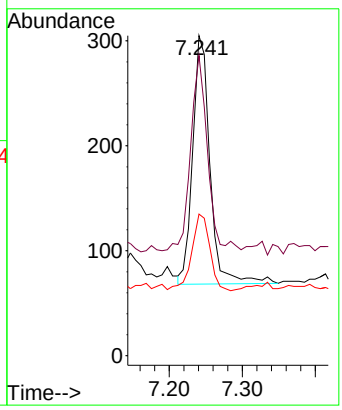


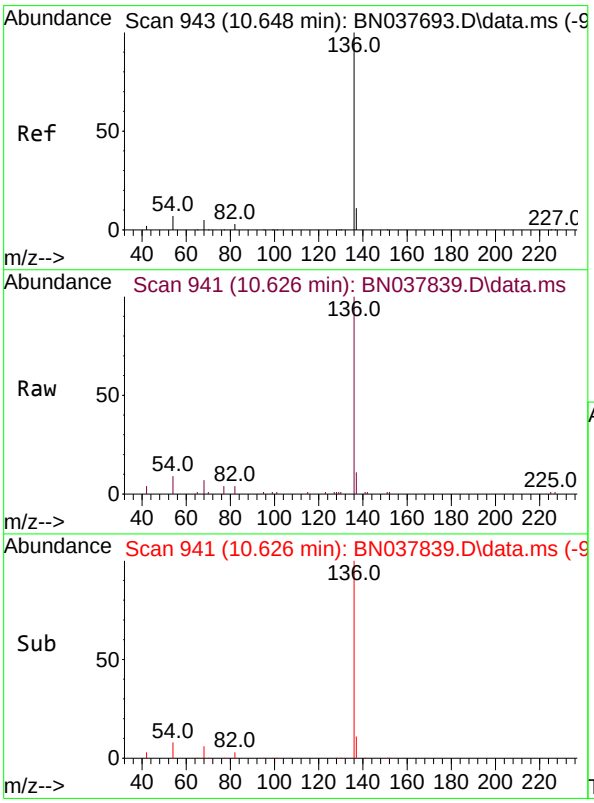
#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.241 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion: 93 Resp: 390

Ion	Ratio	Lower	Upper
93	100		
63	74.1	60.6	90.8
95	32.3	26.0	39.0

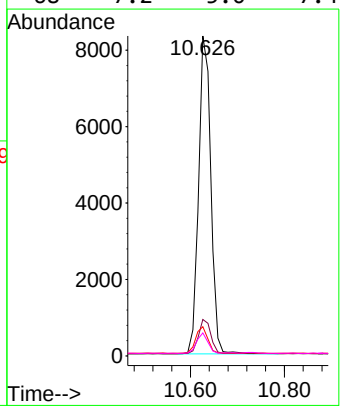


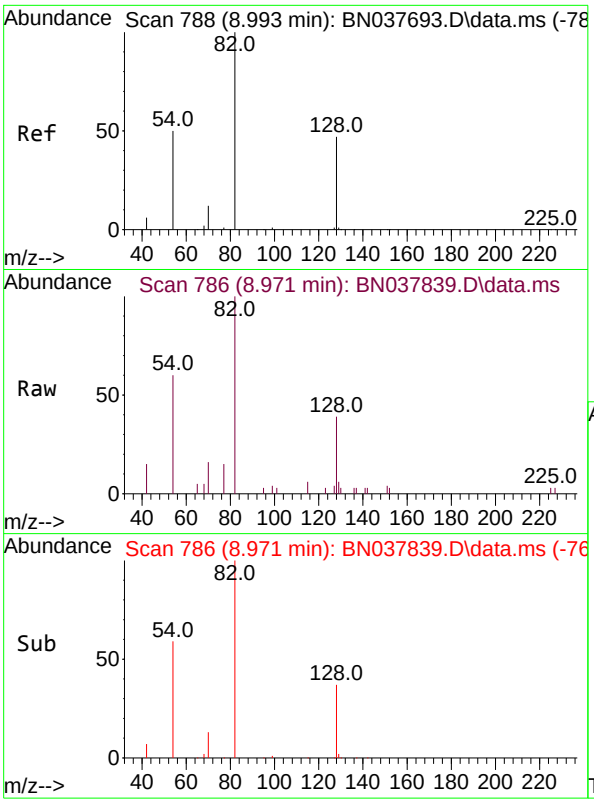


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:136 Resp: 15024

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.1	6.3	9.5
68	7.2	5.0	7.4



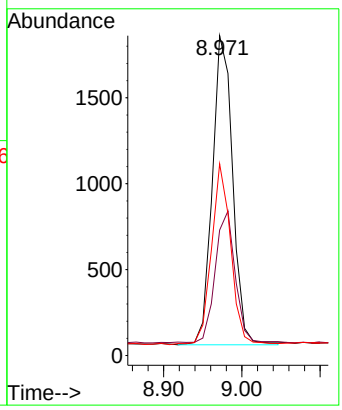


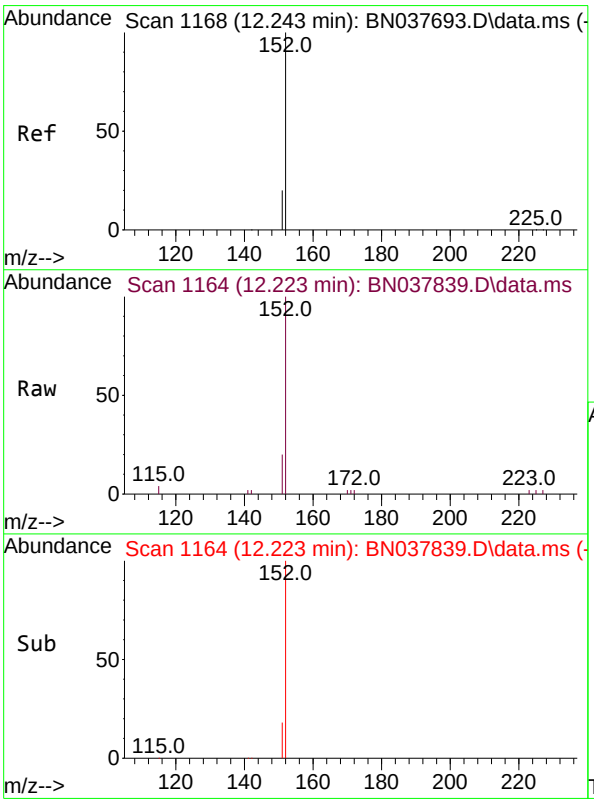
#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.971 min Scan# 78
Delta R.T. -0.021 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion: 82 Resp: 3242

Ion	Ratio	Lower	Upper
82	100		
128	39.2	38.3	57.5
54	59.9	41.4	62.2

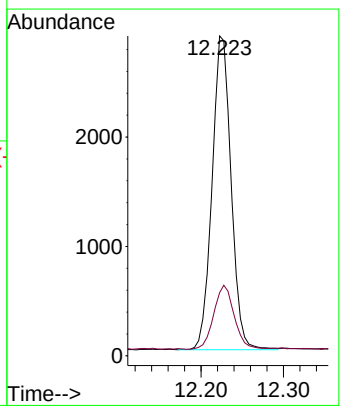


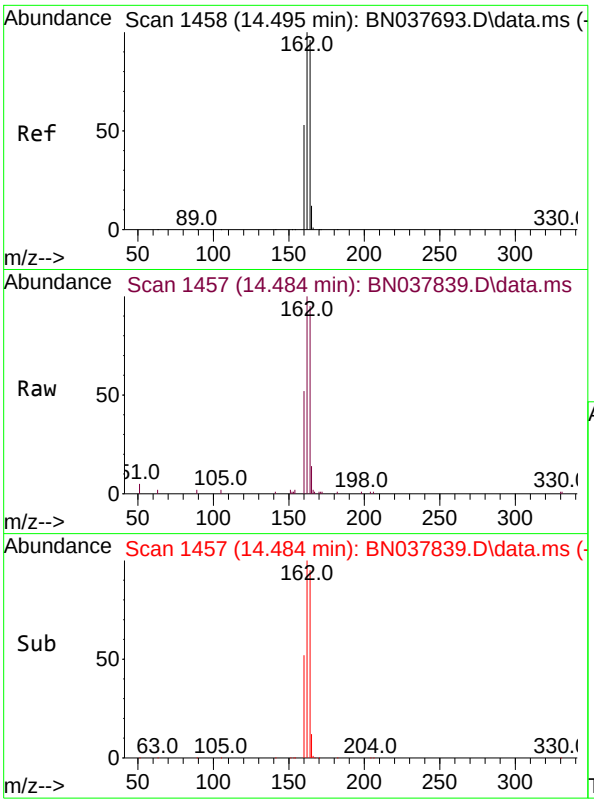


#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.223 min Scan# 1164
Delta R.T. -0.020 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:152 Resp: 4618

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6



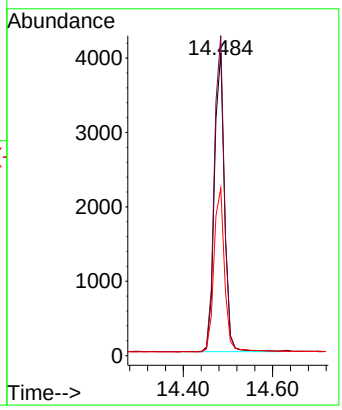


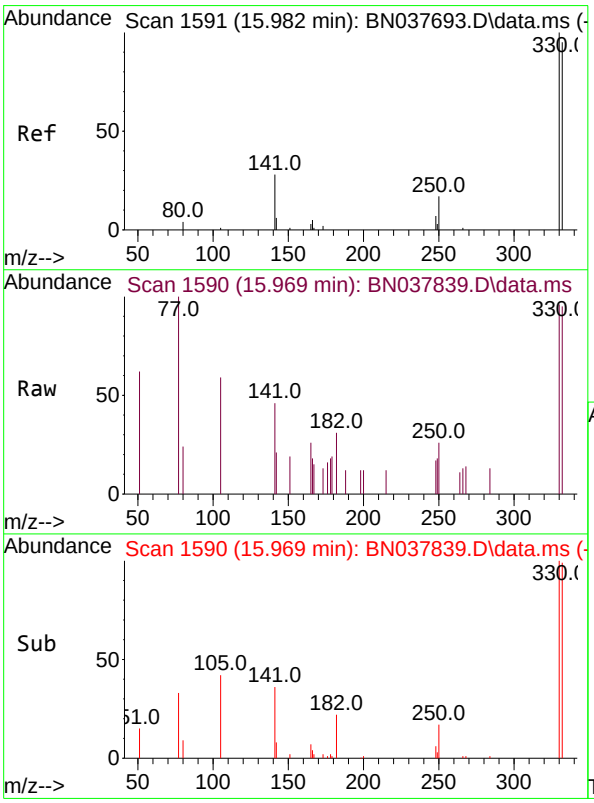
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion:164 Resp: 6297

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	55.3	44.3	66.5

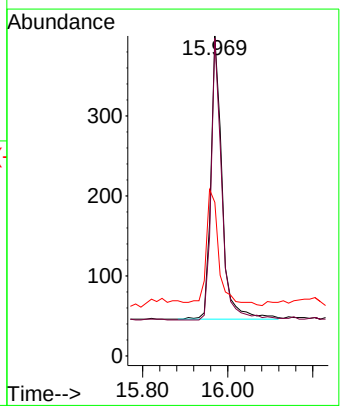


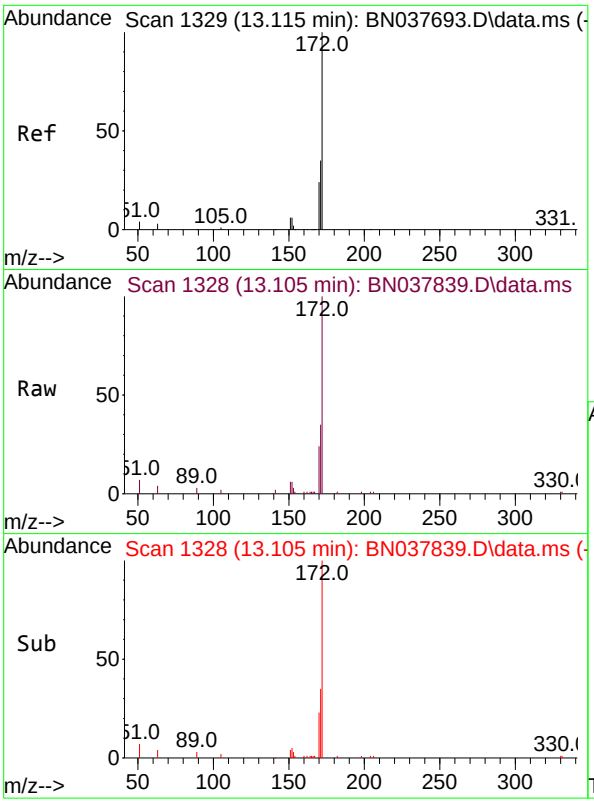


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:330 Resp: 651

Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.3	112.9
141	46.9	35.0	52.4



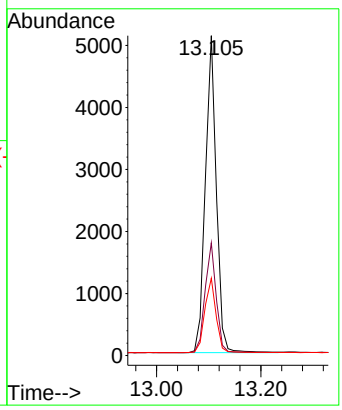


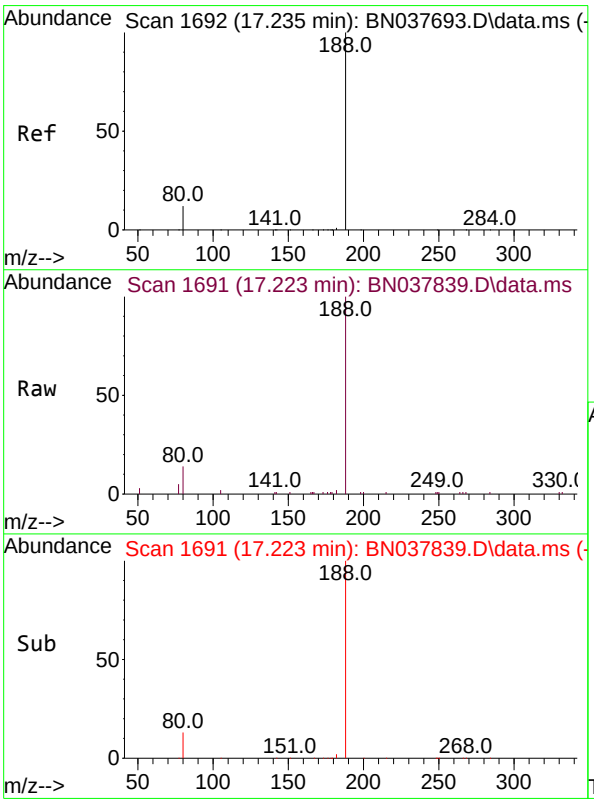
#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion:172 Resp: 7498

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.2	19.8	29.8

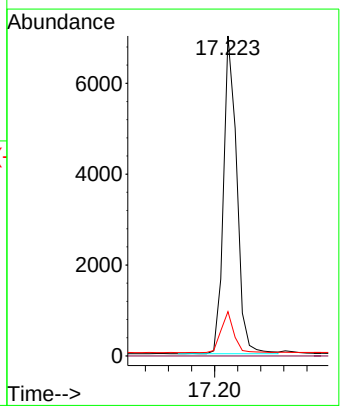


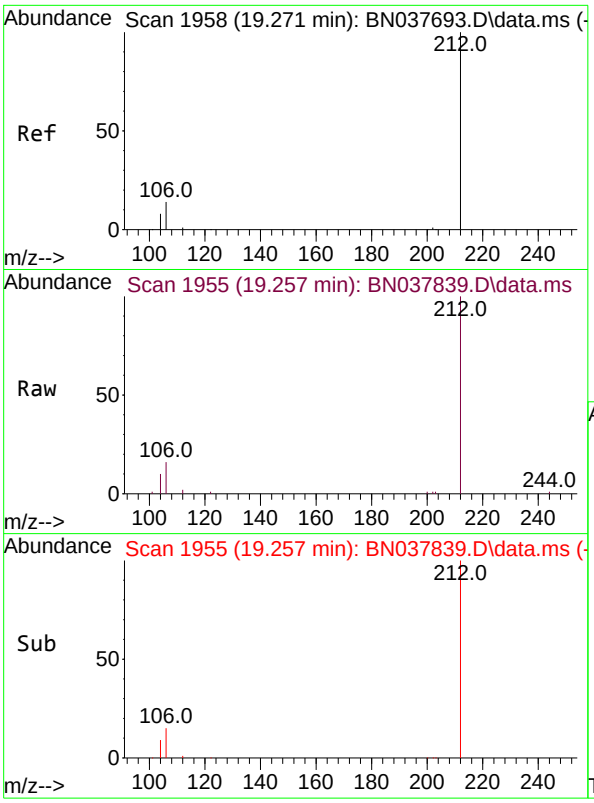


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:188 Resp: 11149

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	10.6	15.8



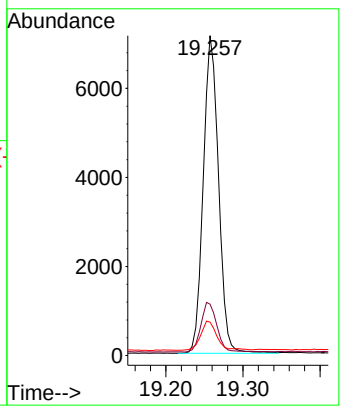


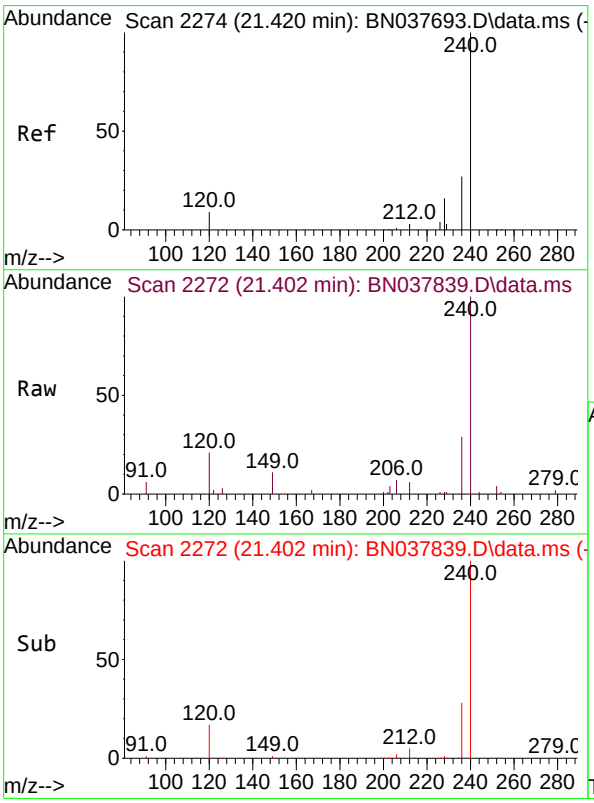
#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.257 min Scan# 19
Delta R.T. -0.014 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion:212 Resp: 9814

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.2	18.2
104	9.7	6.9	10.3

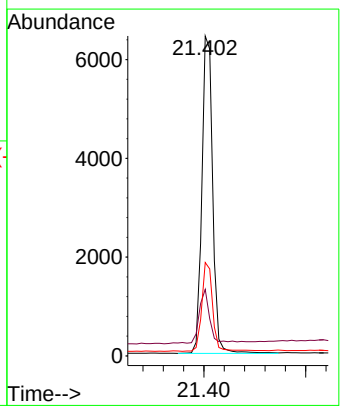


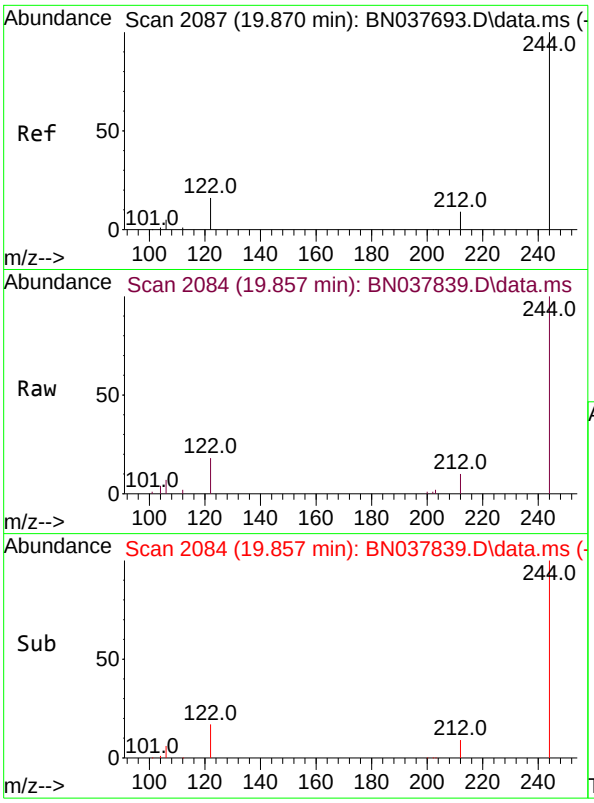


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:240 Resp: 9464

Ion	Ratio	Lower	Upper
240	100		
120	20.8	9.2	13.8#
236	29.2	22.6	33.8



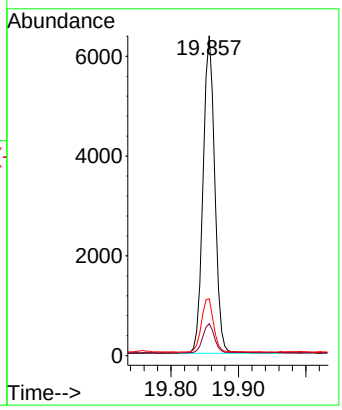


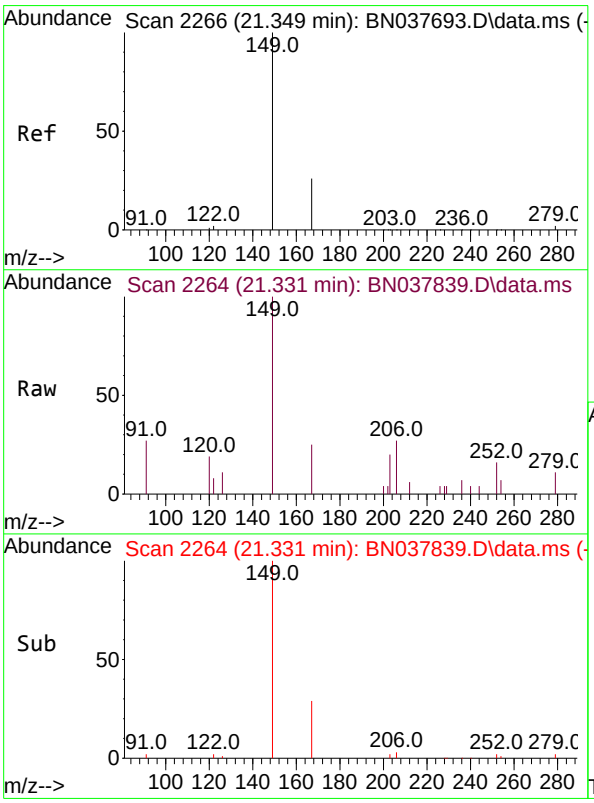
#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.857 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion:244 Resp: 7680

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.5	11.3
122	17.8	13.2	19.8

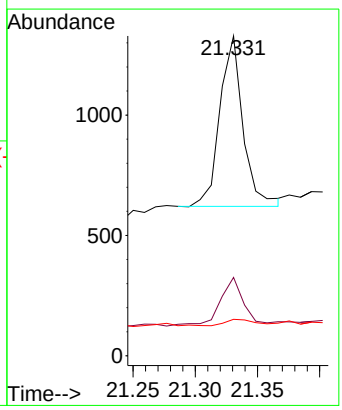


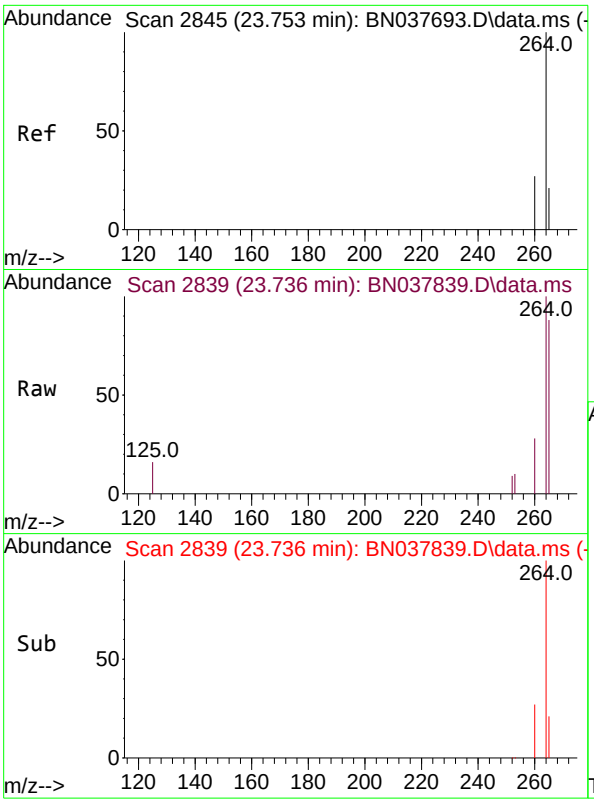


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Tgt Ion:149 Resp: 919

Ion	Ratio	Lower	Upper
149	100		
167	29.2	20.8	31.2
279	4.5	3.3	4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.736 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037839.D
Acq: 20 Sep 2025 06:50

Instrument :
BNA_N
ClientSampleId :
TT101D-20250915

Tgt Ion:264 Resp: 8977

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.8	32.8
265	88.2	39.4	59.2#