Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037825.D
Acq On : 19 Sep 2025 21:37
Operator : RC/JU
Sample : Q3127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Quant Time: Sep 19 23:50:45 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	4541	0.400	ng	-0.01
7) Naphthalene-d8	10.637	136	11932	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	5027	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	8716	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	7781	0.400	ng	#-0.02
35) Perylene-d12	23.733	264	7494	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1369	0.131	ng	0.00
5) Phenol-d6	6.981	99	1015	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	2793	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4513	0.285	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	555	0.423	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	6856	0.326	ng	-0.01
27) Fluoranthene-d10	19.257	212	7781	0.356	ng	-0.01
31) Terphenyl-d14	19.856	244	6045	0.383	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	22773	4.815	ng	96
6) bis(2-Chloroethyl)ether	7.248	93	475	0.039	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	4028	0.501	ng	99

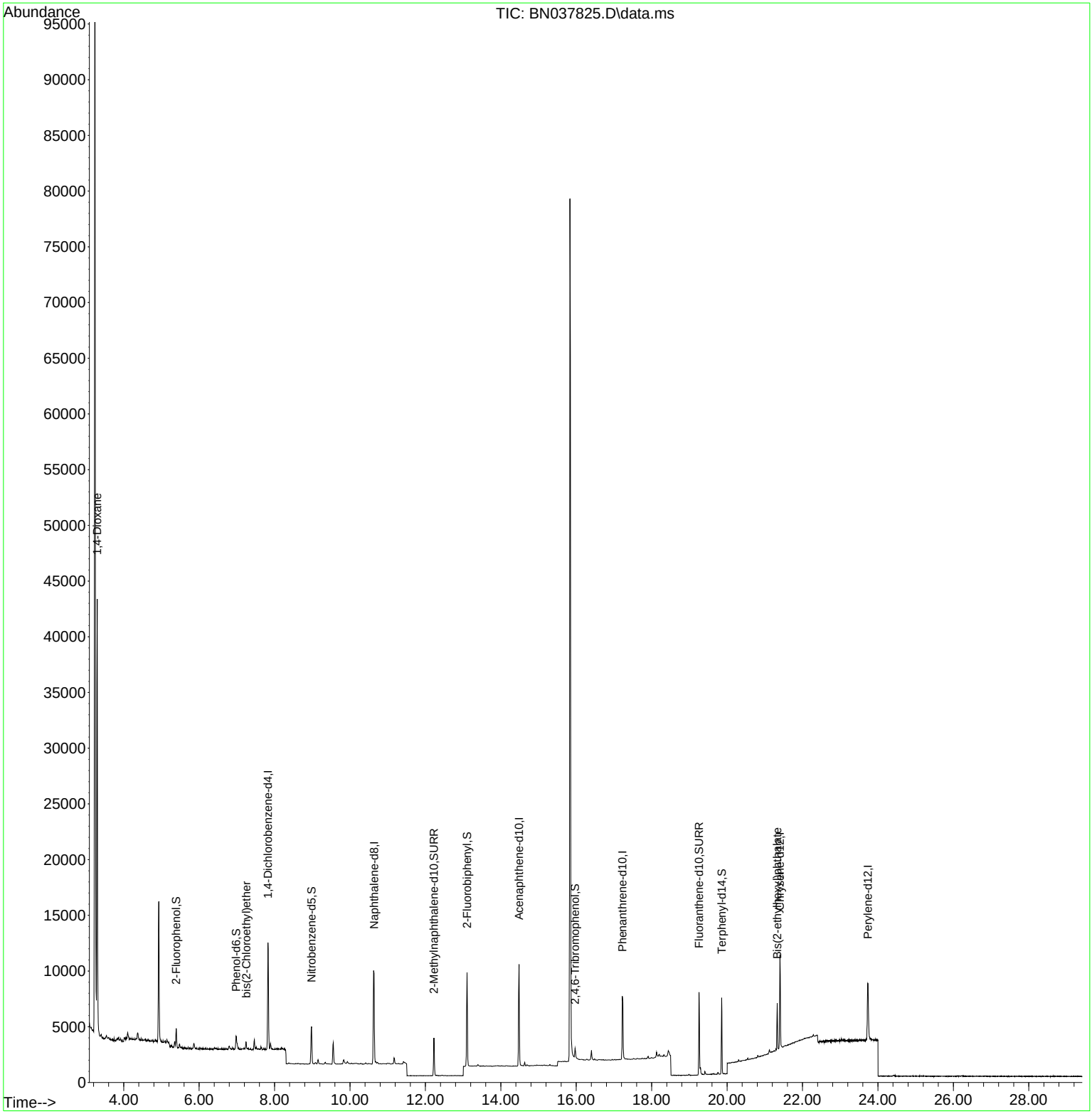
(#) = qualifier out of range (m) = manual integration (+) = signals summed

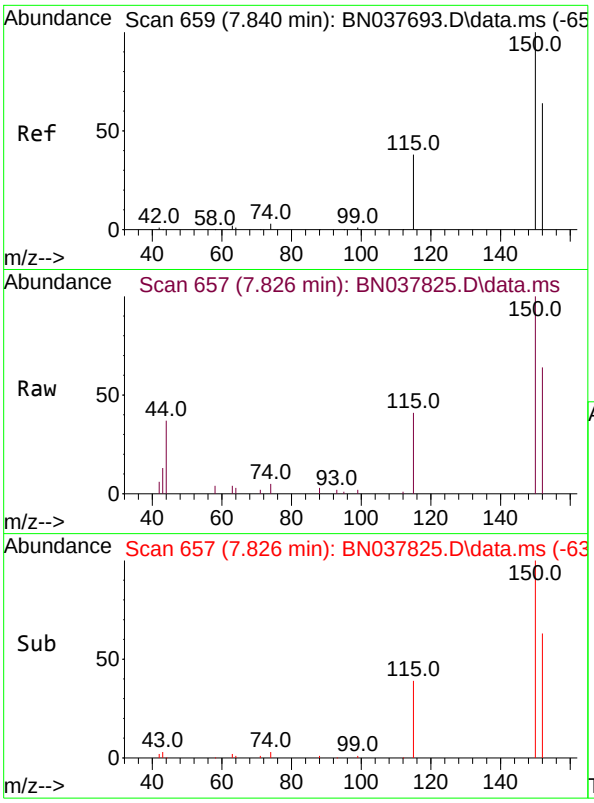
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037825.D
Acq On : 19 Sep 2025 21:37
Operator : RC/JU
Sample : Q3127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Quant Time: Sep 19 23:50:45 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



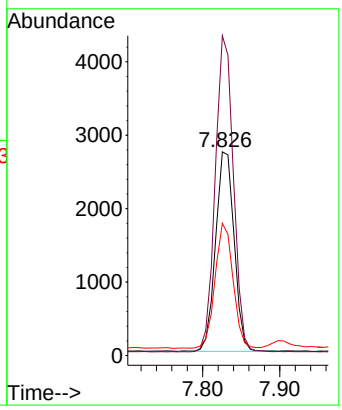


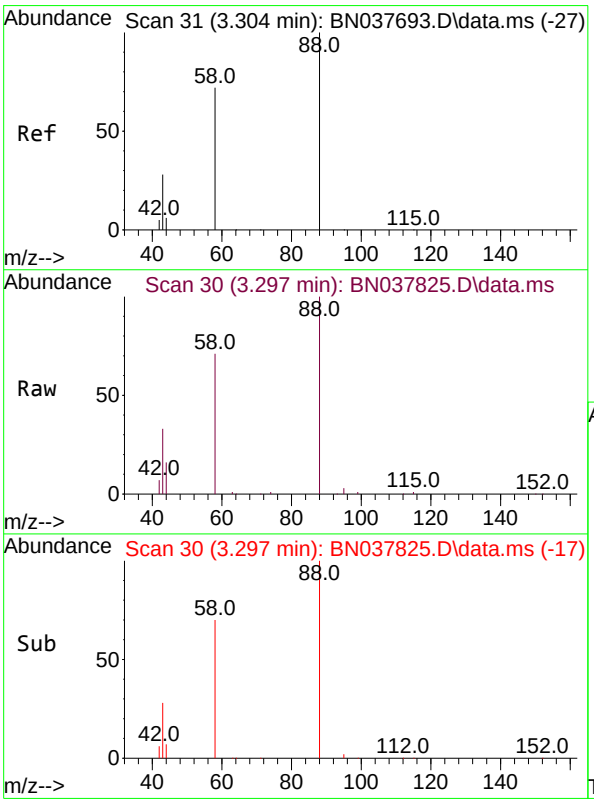
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion:152 Resp: 4541

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.5	186.7
115	64.9	49.2	73.8

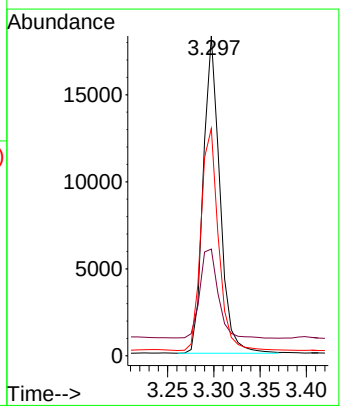


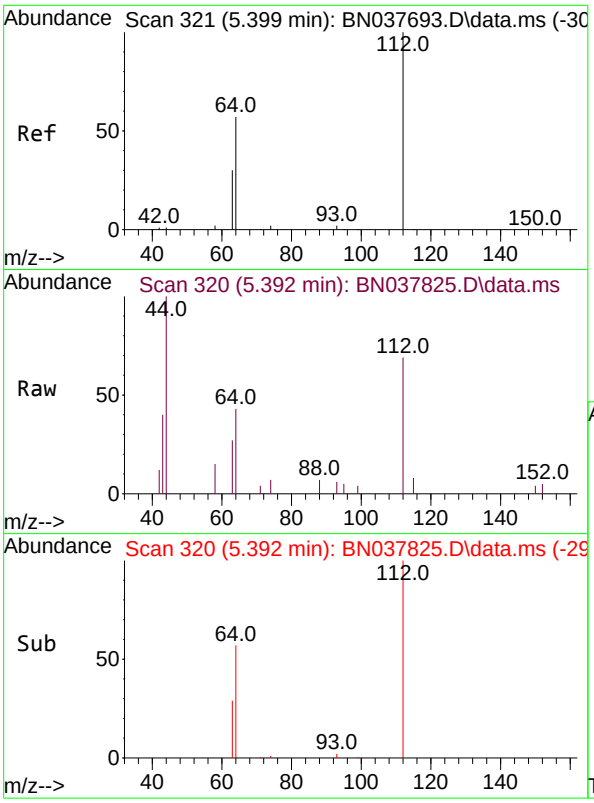


#2
1,4-Dioxane
Concen: 4.815 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion: 88 Resp: 22773

Ion	Ratio	Lower	Upper
88	100		
43	31.0	26.8	40.2
58	73.5	61.9	92.9



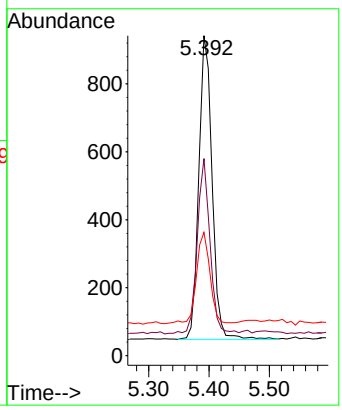


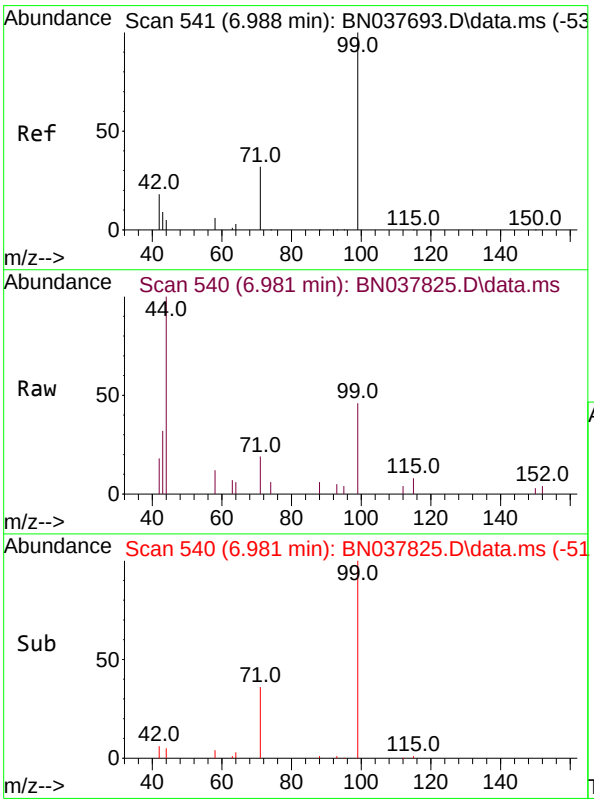
#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.392 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion:112 Resp: 1369

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.9	67.3
63	30.8	24.7	37.1

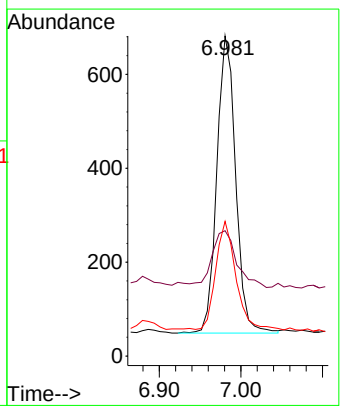


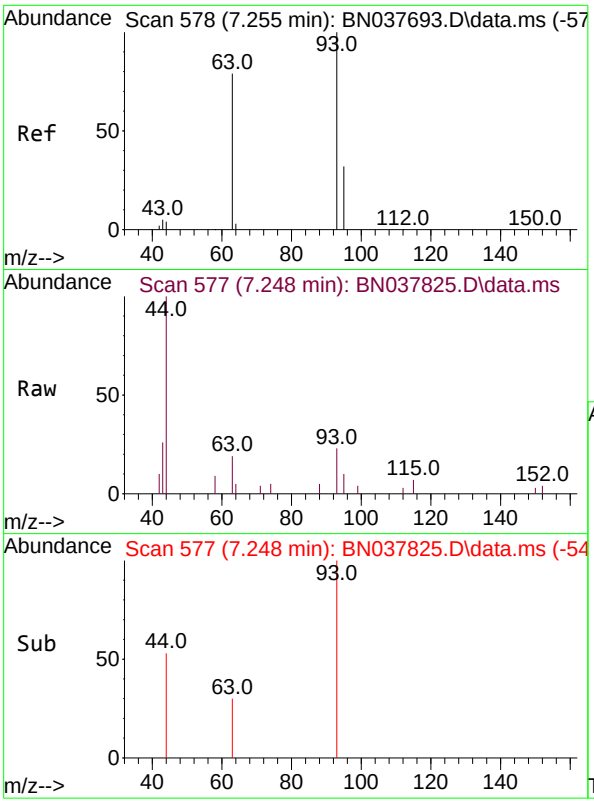


#5
Phenol-d6
Concen: 0.075 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion: 99 Resp: 1015

Ion	Ratio	Lower	Upper
99	100		
42	25.2	16.6	24.8#
71	39.3	26.7	40.1



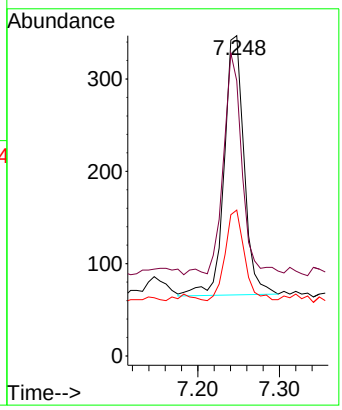


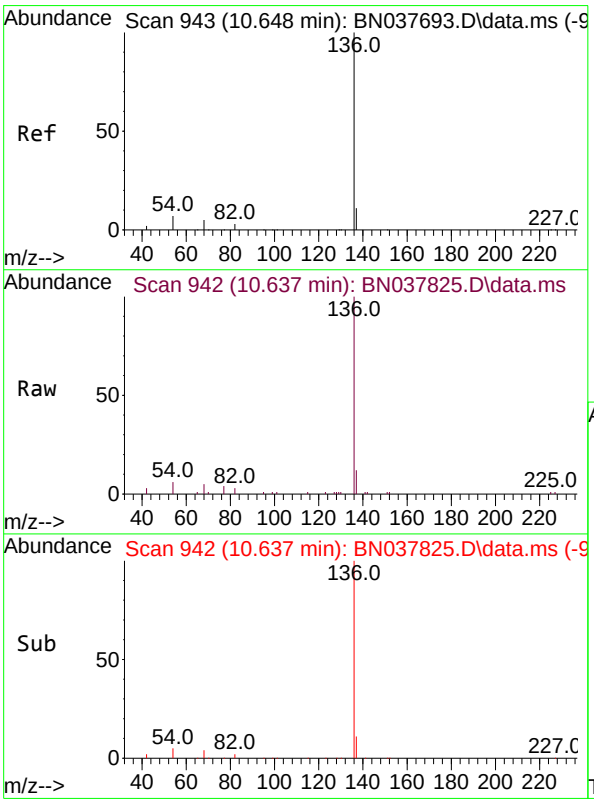
#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.248 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion: 93 Resp: 475

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.6	90.8
95	34.1	26.0	39.0

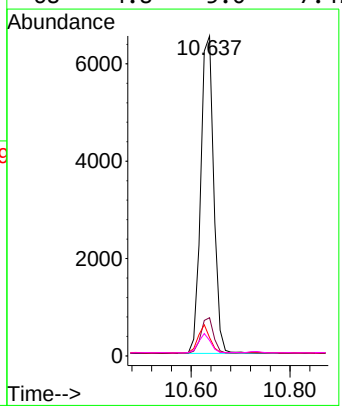


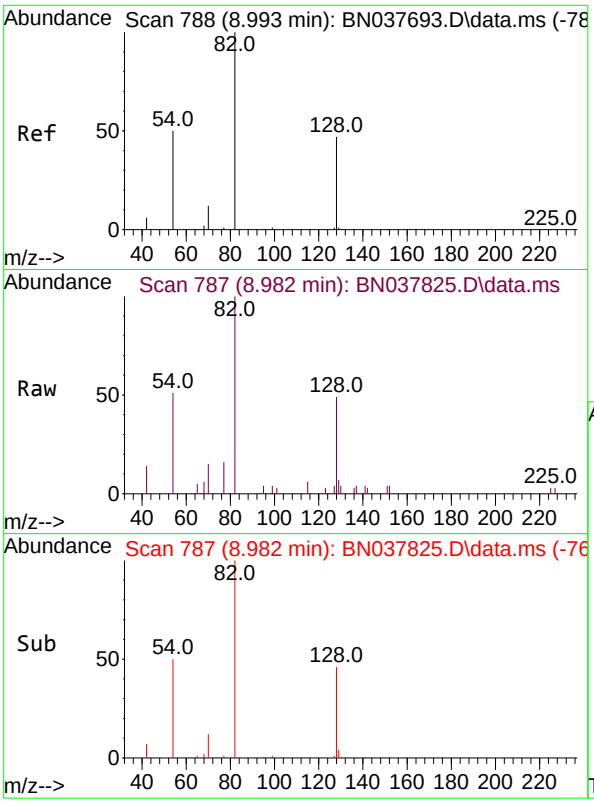


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:136 Resp: 11932

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	5.7	6.3	9.5#
68	4.8	5.0	7.4#



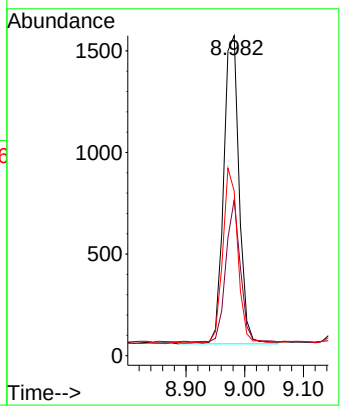


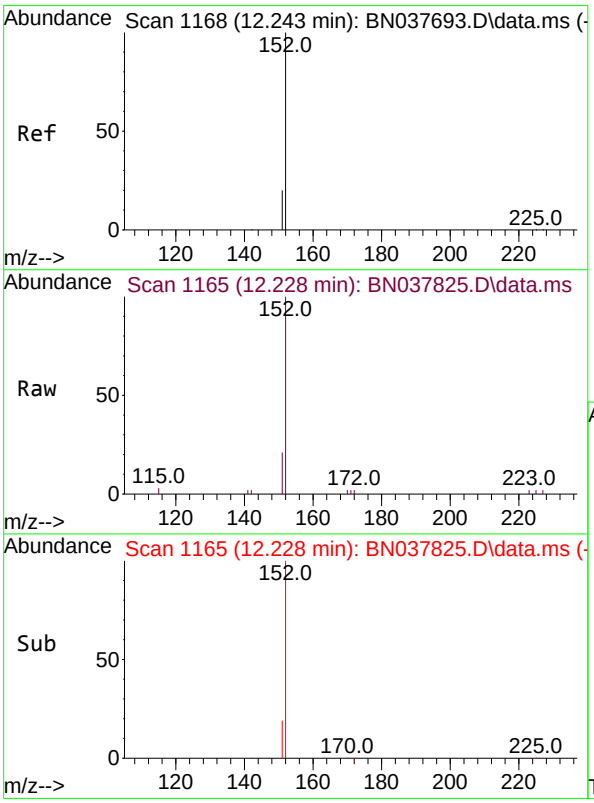
#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.982 min Scan# 78
Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion: 82 Resp: 2793

Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.3	57.5
54	51.4	41.4	62.2

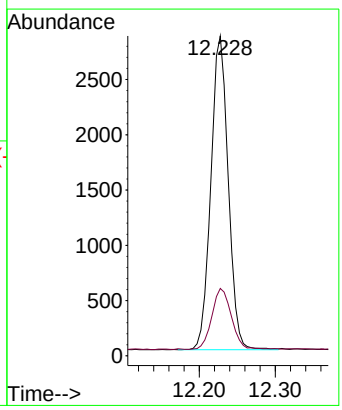


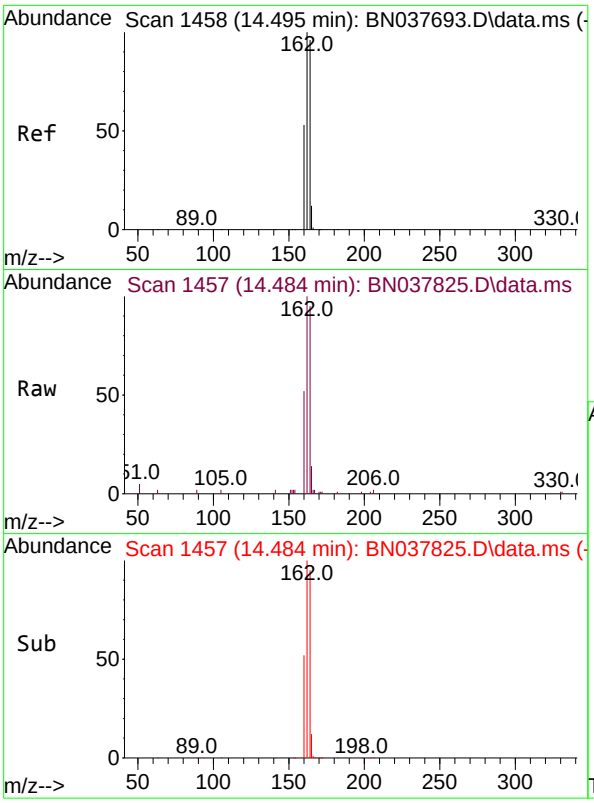


#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:152 Resp: 4513

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6



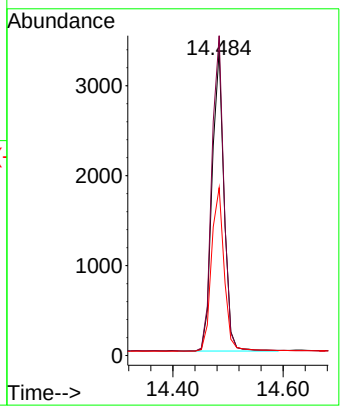


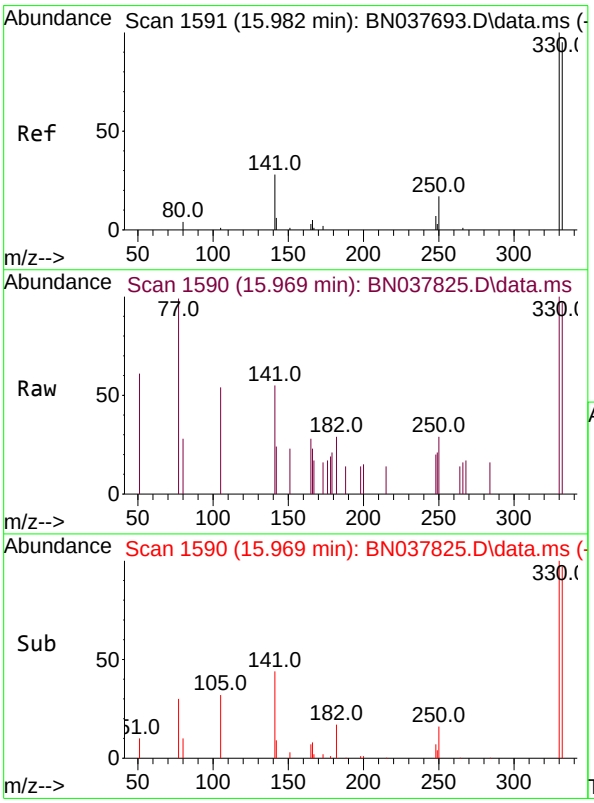
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion:164 Resp: 5027

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.1	124.7
160	55.1	44.3	66.5

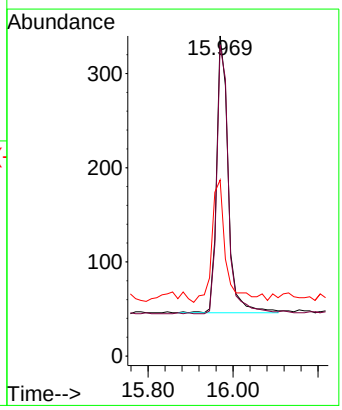


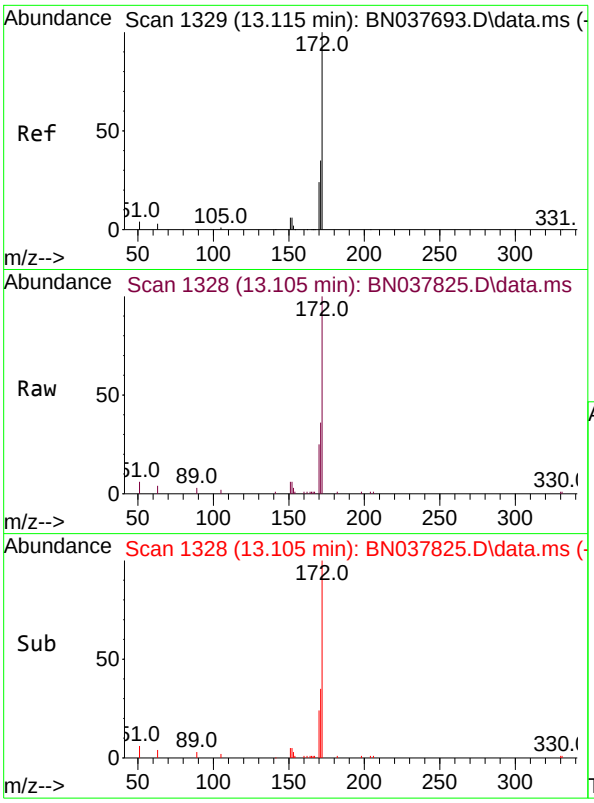


#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:330 Resp: 555

Ion	Ratio	Lower	Upper
330	100		
332	98.6	75.3	112.9
141	53.0	35.0	52.4#





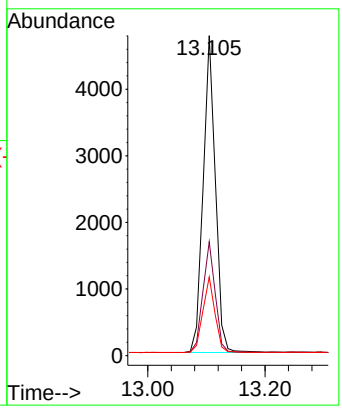
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.105 min Scan# 1

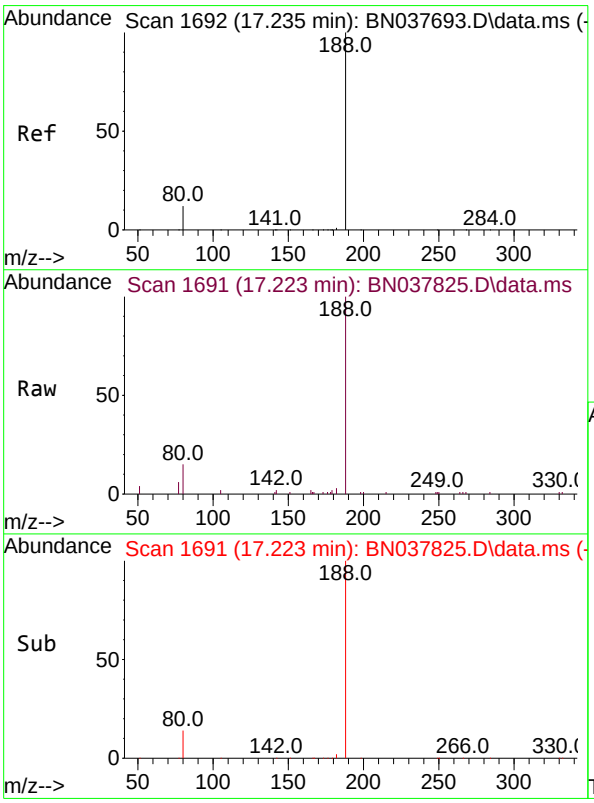
Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:172 Resp: 6856

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.6	19.8	29.8

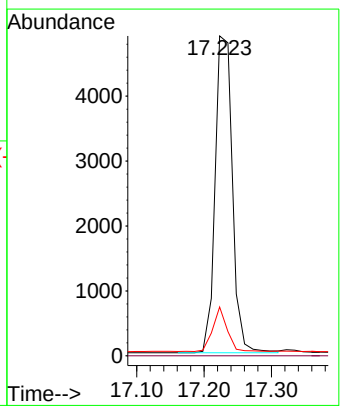


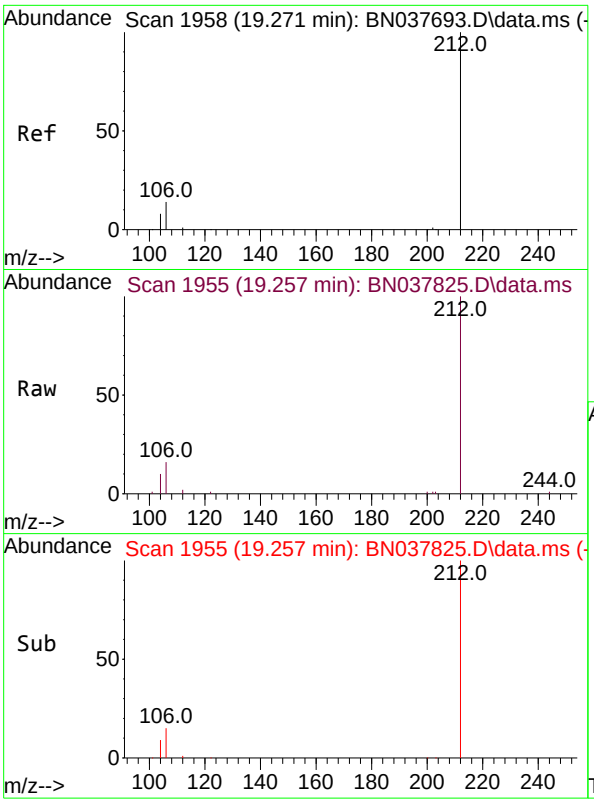


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:188 Resp: 8716

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.3	10.6	15.8



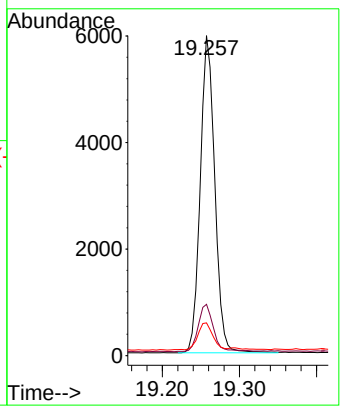


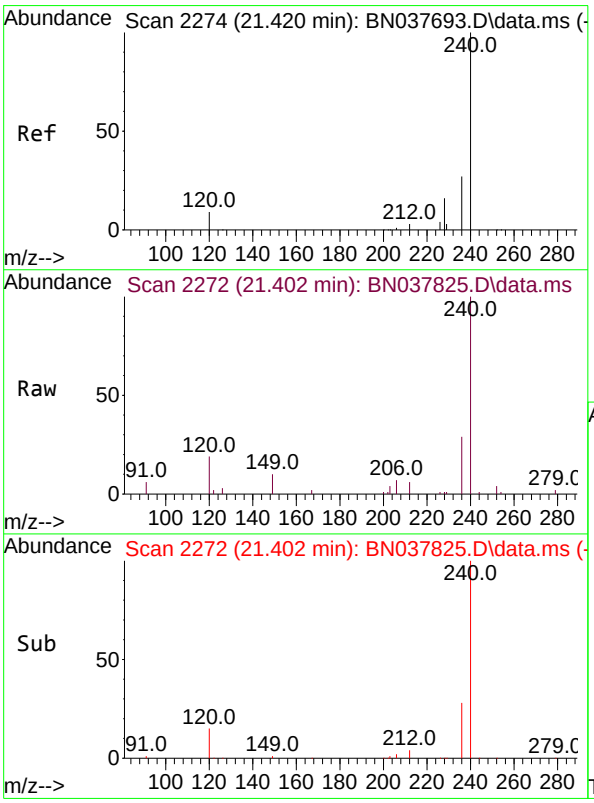
#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.257 min Scan# 19
Delta R.T. -0.014 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion:212 Resp: 7781

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.2	18.2
104	9.0	6.9	10.3

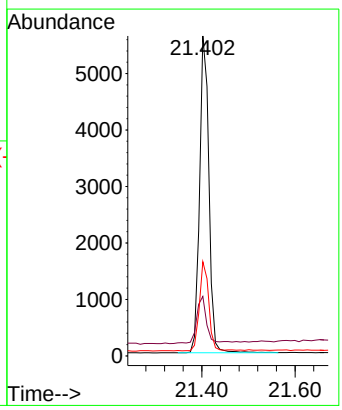


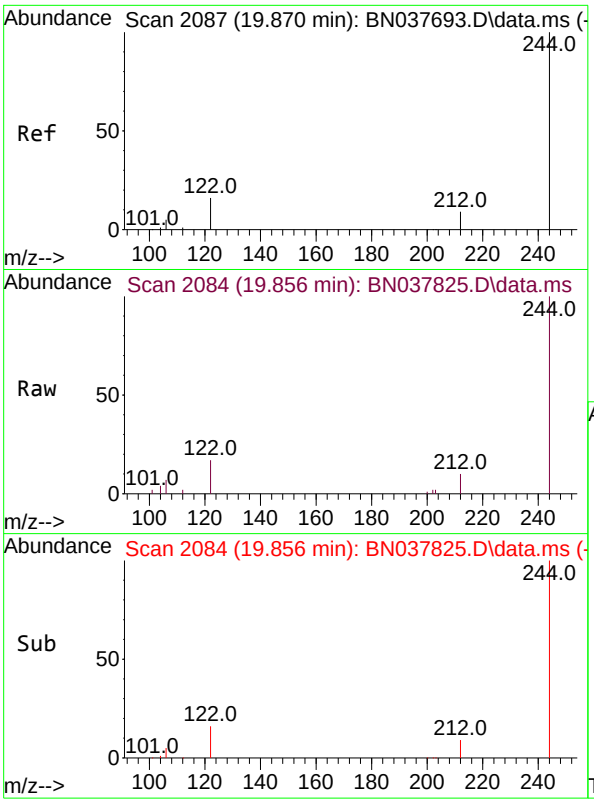


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:240 Resp: 7781

Ion	Ratio	Lower	Upper
240	100		
120	18.6	9.2	13.8#
236	29.4	22.6	33.8



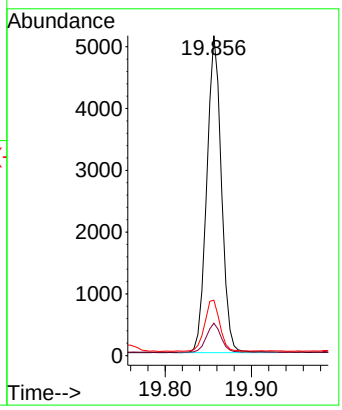


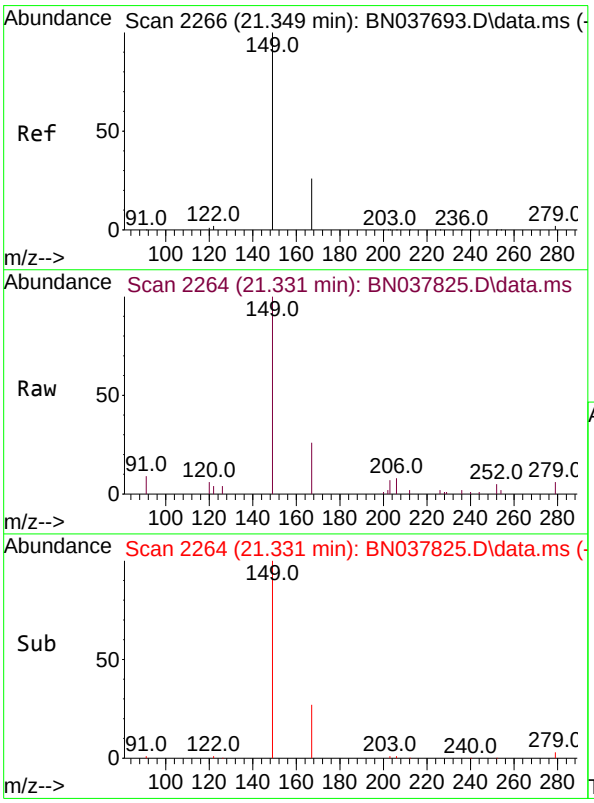
#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.856 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion:244 Resp: 6045

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.5	11.3
122	17.3	13.2	19.8

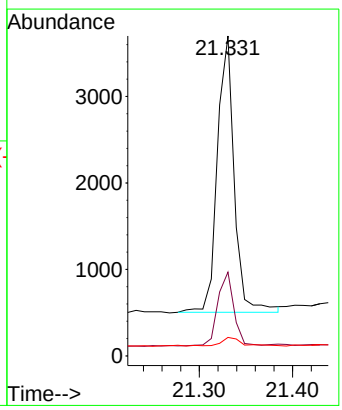


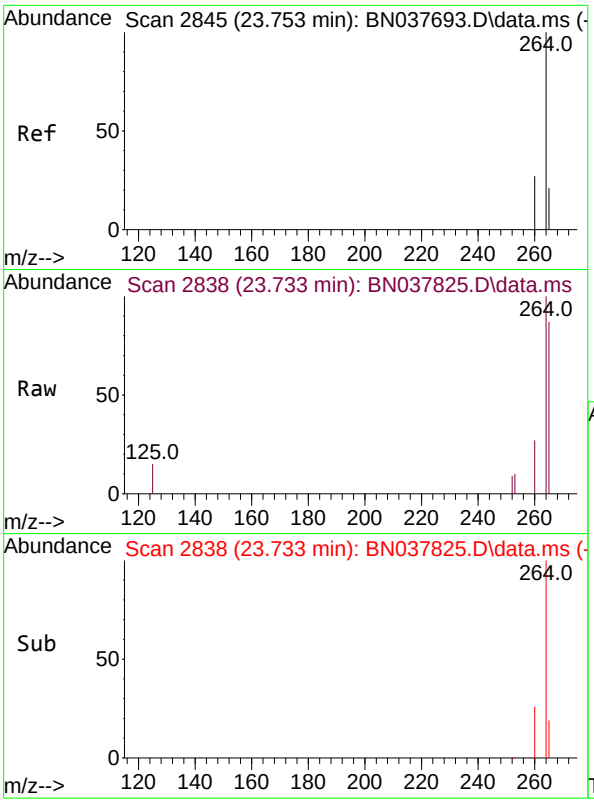


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.501 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:149 Resp: 4028

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.8	31.2
279	3.9	3.3	4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :
DUP08-20250915

Tgt Ion:264 Resp: 7494

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	87.3	39.4	59.2#