Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
Data File : BN037935.D
Acq On : 29 Sep 2025 13:55
Operator : RC/JU
Sample : Q3165-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Quant Time: Sep 29 14:23:08 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

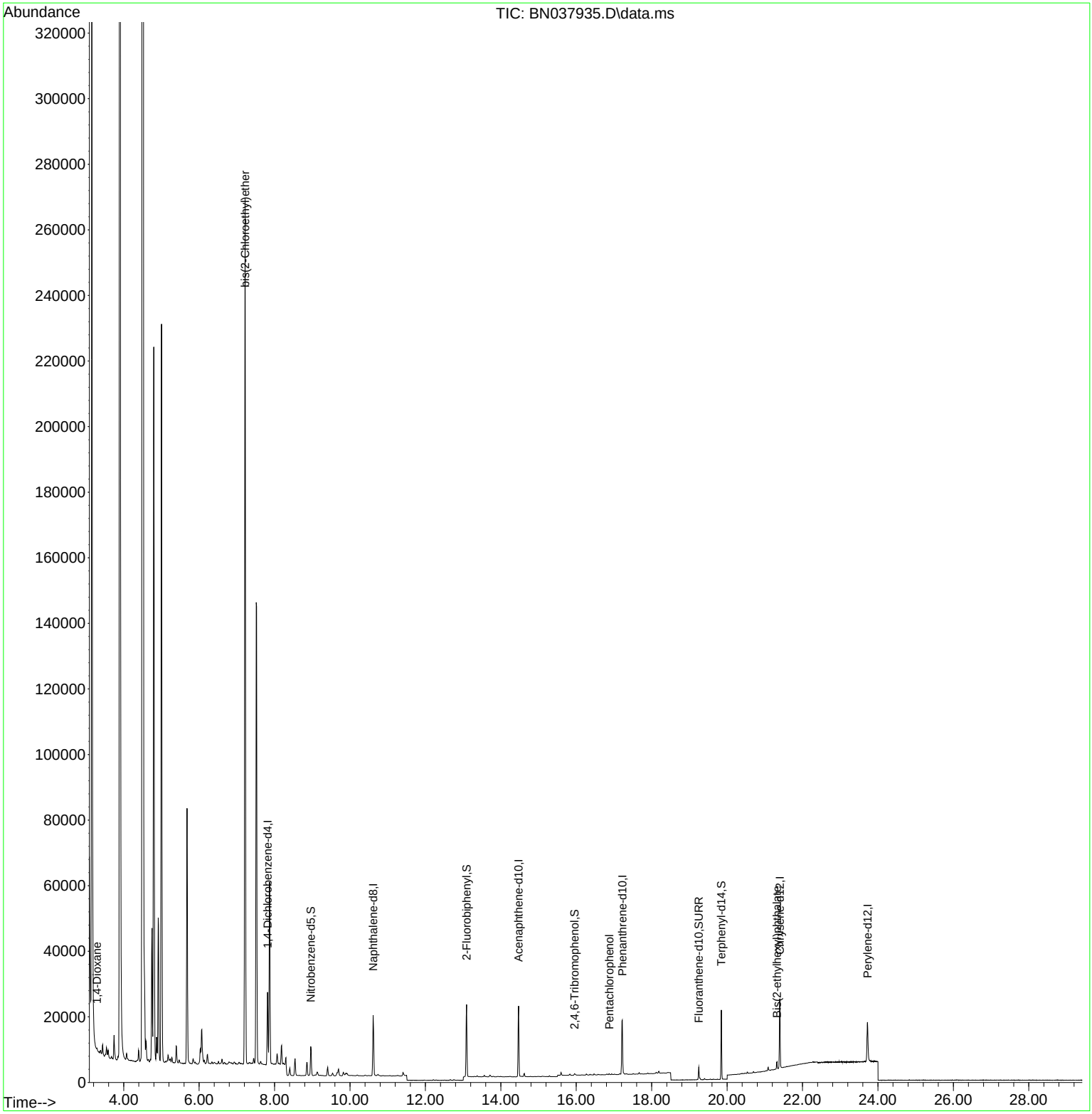
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8469	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	24220	0.400	ng	-0.01
13) Acenaphthene-d10	14.473	164	12389	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	25703	0.400	ng	0.00
29) Chrysene-d12	21.402	240	20793	0.400	ng	# 0.00
35) Perylene-d12	23.724	264	17157	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	91	0.005	ng	0.00
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.961	82	6935	0.375	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	217	0.006	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	263	0.056	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	18409	0.363	ng	0.00
27) Fluoranthene-d10	19.248	212	4172	0.065	ng	0.00
31) Terphenyl-d14	19.847	244	18900	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	282	0.033	ng	# 61
6) bis(2-Chloroethyl)ether	7.219	93	171090	7.258	ng	# 44
24) Pentachlorophenol	16.876	266	186	0.027	ng	86
34) Bis(2-ethylhexyl)phtha...	21.322	149	2420	0.084	ng	# 98

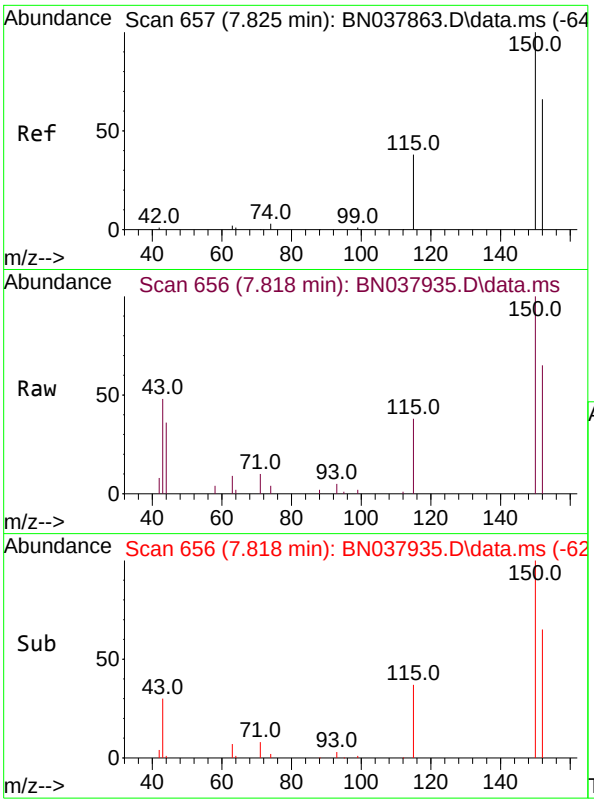
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
Data File : BN037935.D
Acq On : 29 Sep 2025 13:55
Operator : RC/JU
Sample : Q3165-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Quant Time: Sep 29 14:23:08 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



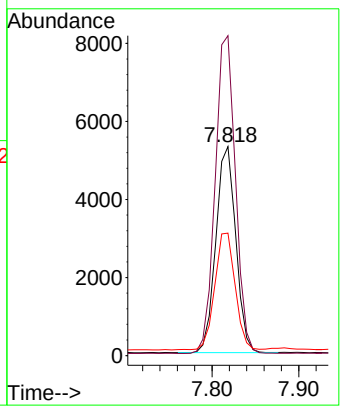


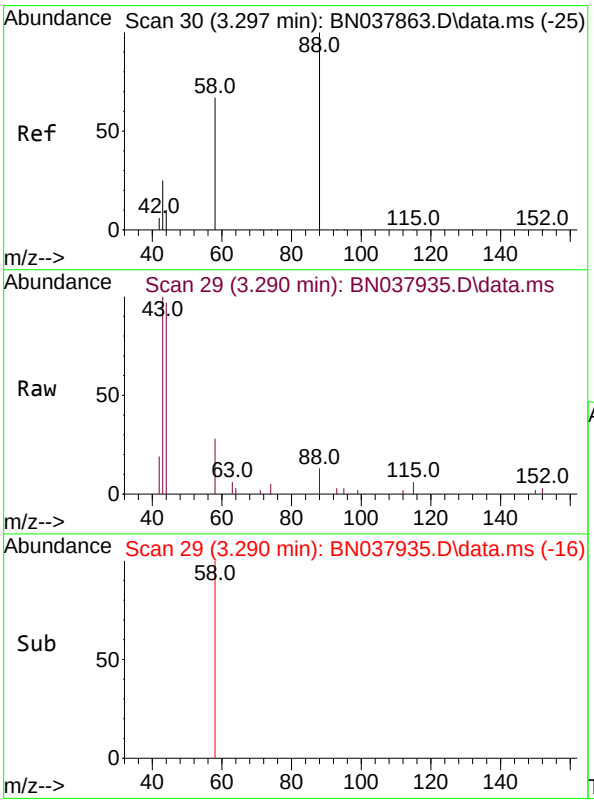
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:152 Resp: 8469

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.0	181.4
115	58.6	47.4	71.0

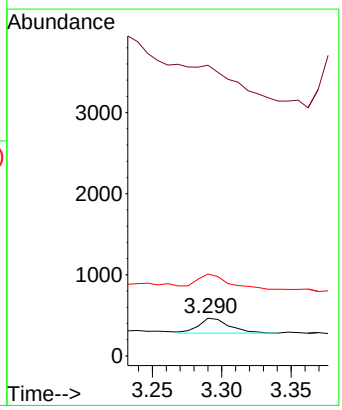


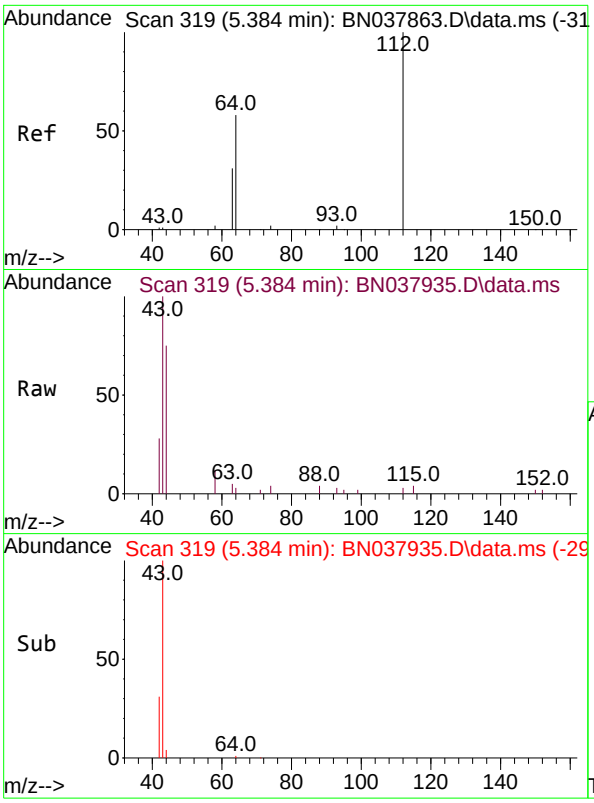


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion: 88 Resp: 282

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	98.9	58.9	88.3#



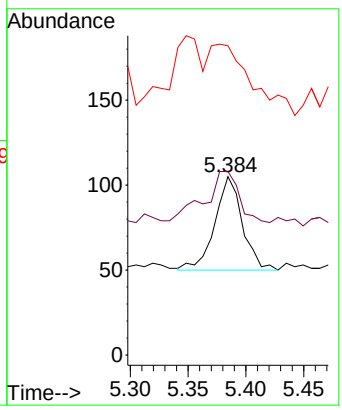


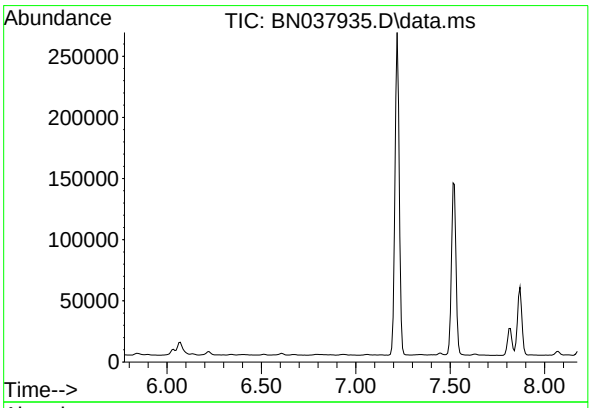
#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.384 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:112 Resp: 91

Ion	Ratio	Lower	Upper
112	100		
64	68.1	44.6	66.8#
63	116.5	24.9	37.3#



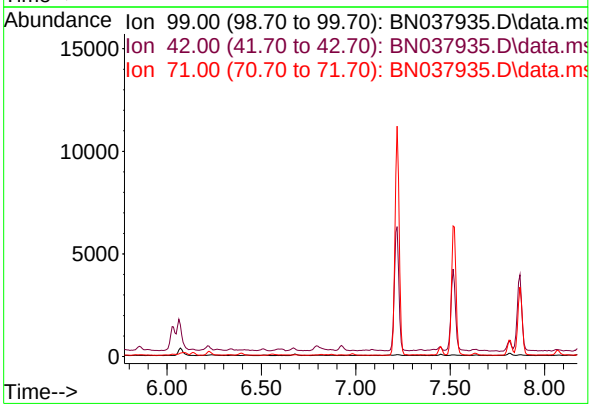


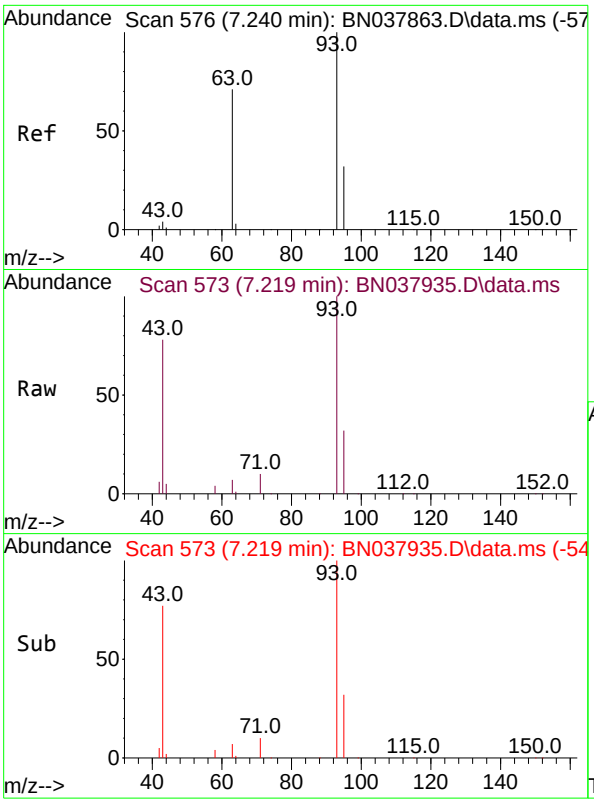
#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.97 min

Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.5
71	34.1



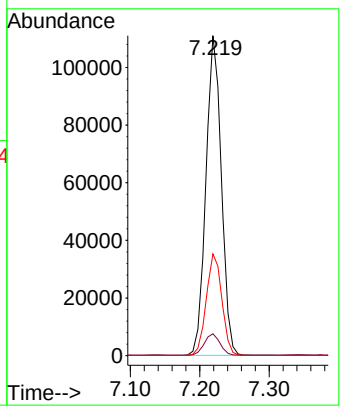


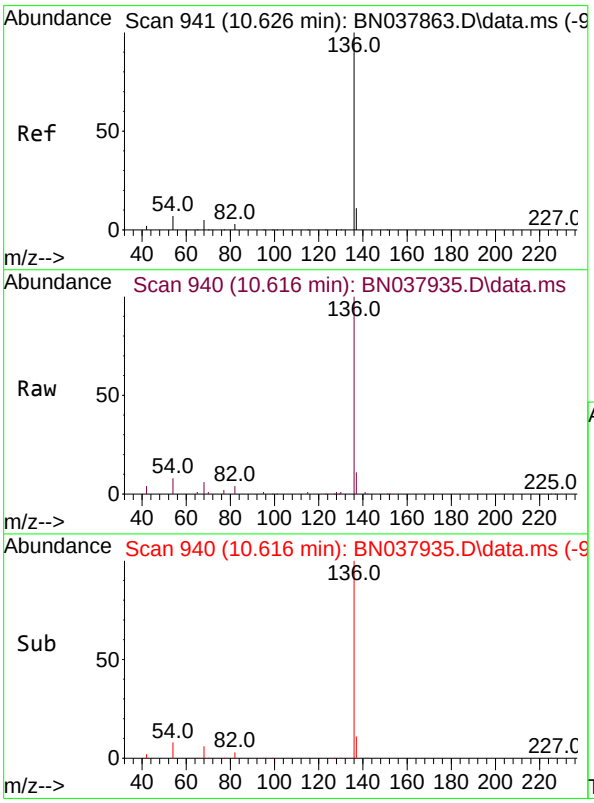
#6
bis(2-Chloroethyl)ether
Concen: 7.258 ng
RT: 7.219 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion: 93 Resp: 171090

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

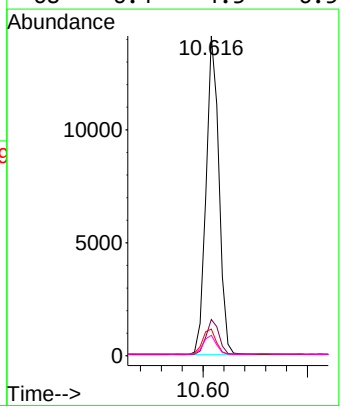


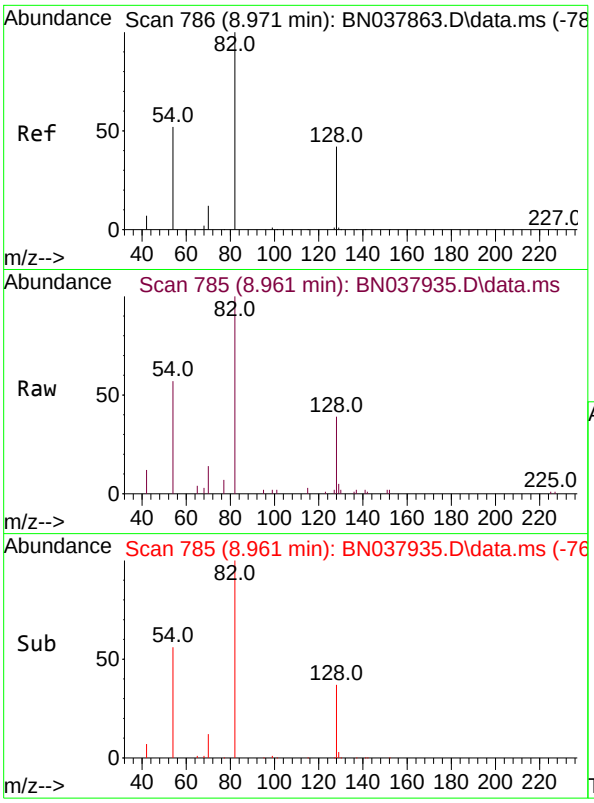


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:136 Resp: 24220

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.4	5.8	8.8
68	6.4	4.3	6.5



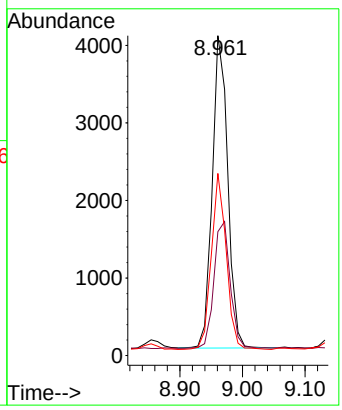


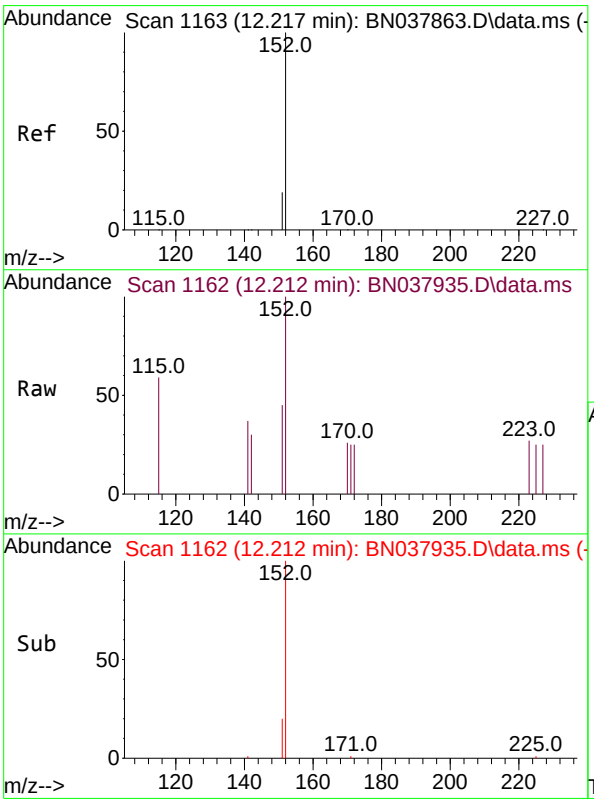
#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.961 min Scan# 78
Delta R.T. -0.011 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion: 82 Resp: 6935

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.8	52.2
54	56.9	42.2	63.2

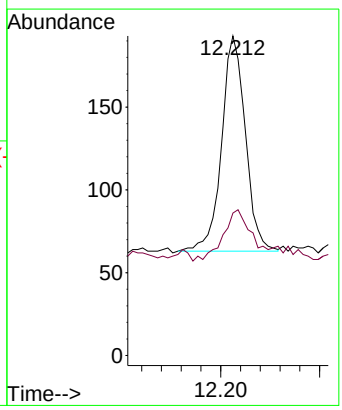


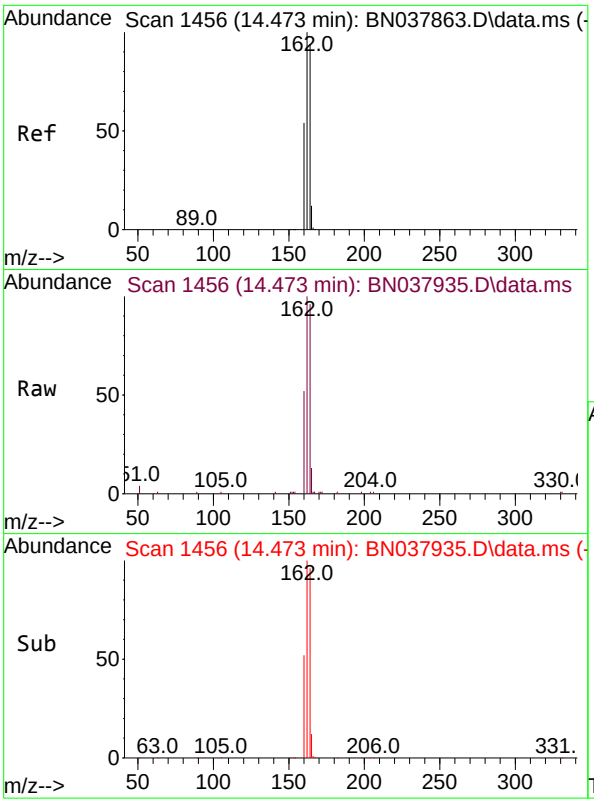


#11
2-Methylnaphthalene-d10
Concen: 0.006 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:152 Resp: 217

Ion	Ratio	Lower	Upper
152	100		
151	35.9	17.4	26.2#



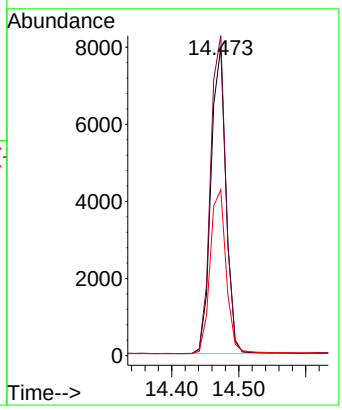


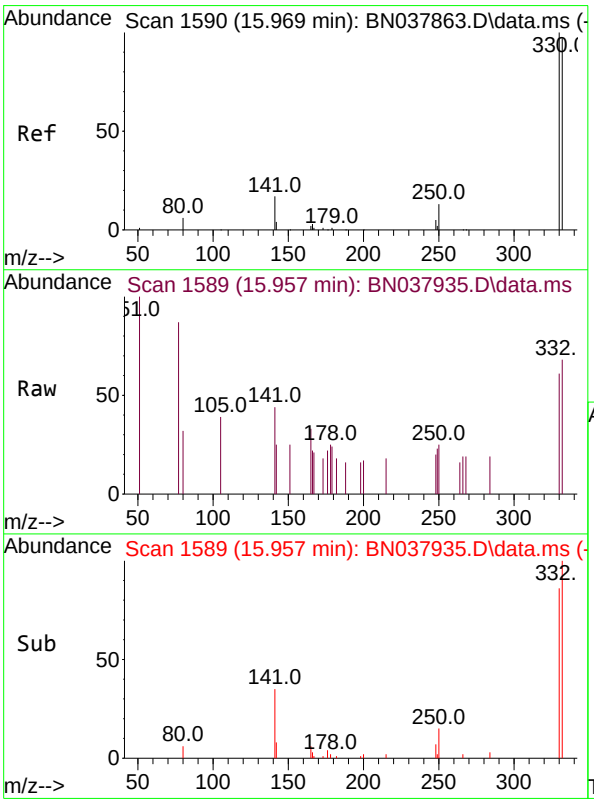
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:164 Resp: 12389

Ion	Ratio	Lower	Upper
164	100		
162	103.8	84.8	127.2
160	53.8	46.1	69.1

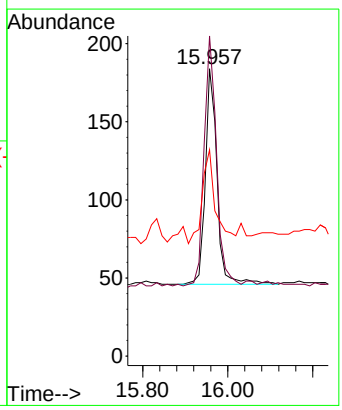


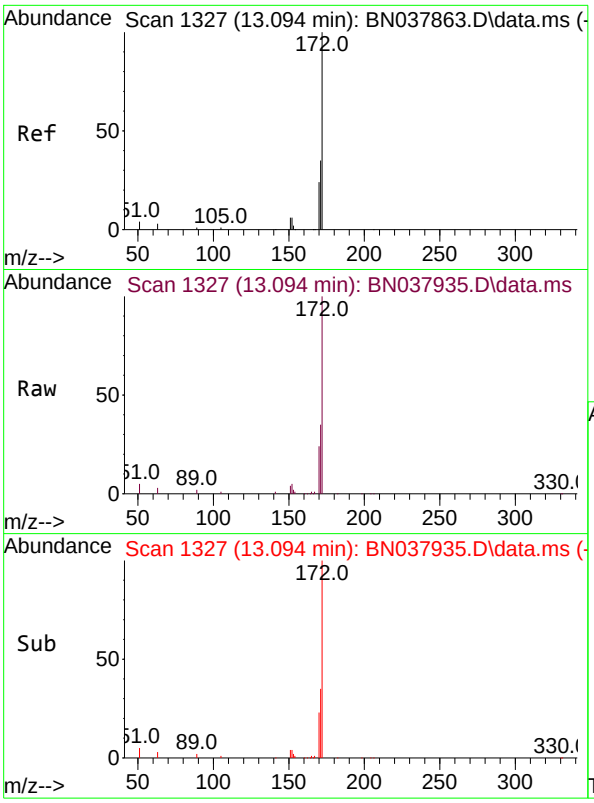


#14
2,4,6-Tribromophenol
Concen: 0.056 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:330 Resp: 263

Ion	Ratio	Lower	Upper
330	100		
332	123.6	77.2	115.8#
141	49.8	37.2	55.8



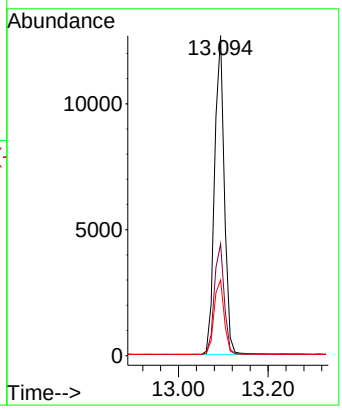


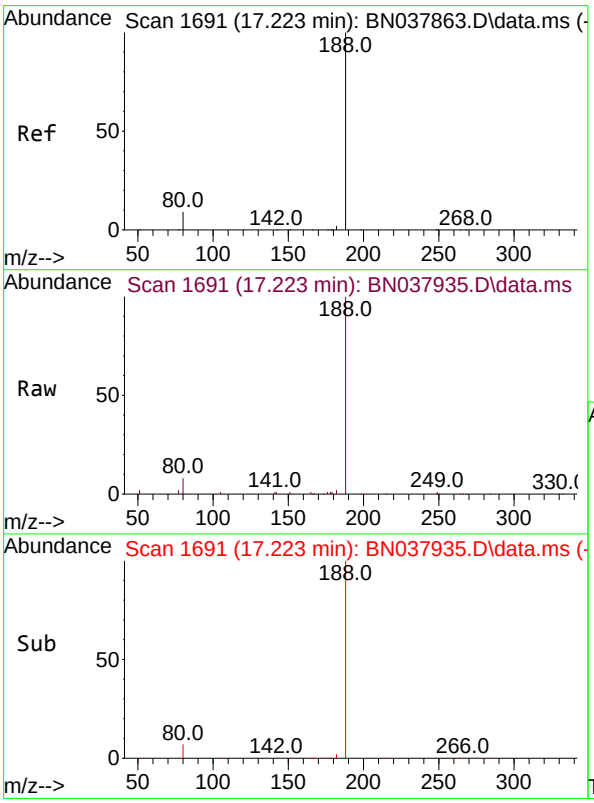
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.094 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:172 Resp: 18409

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.6	19.7	29.5

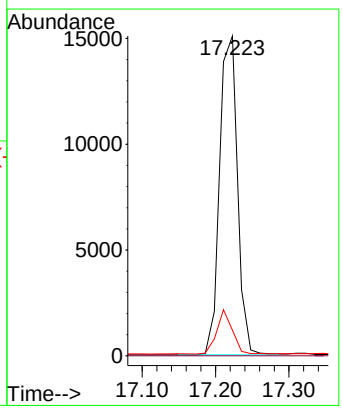


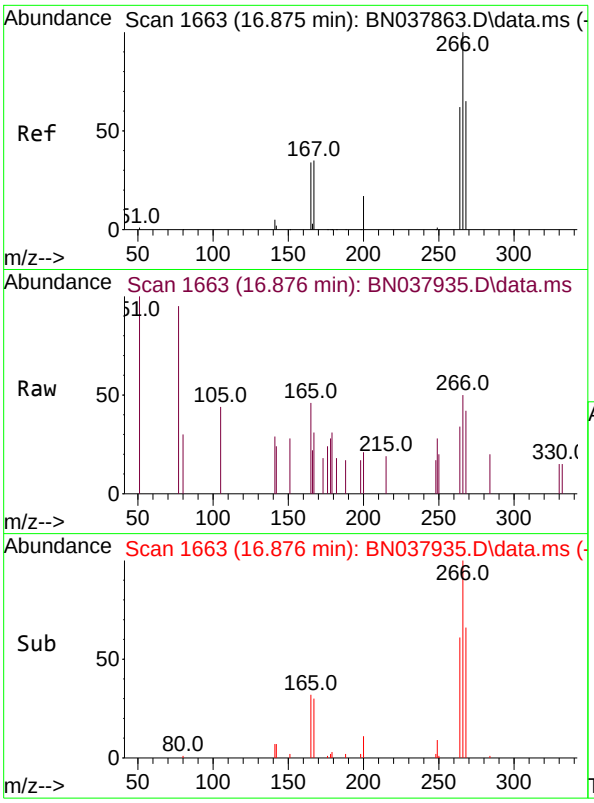


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:188 Resp: 25703

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.6	11.4



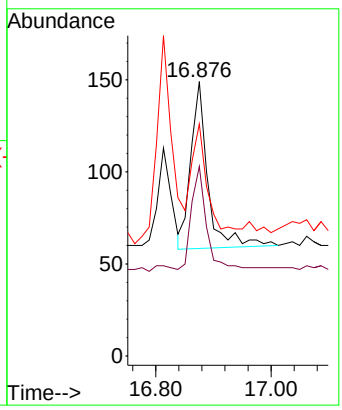


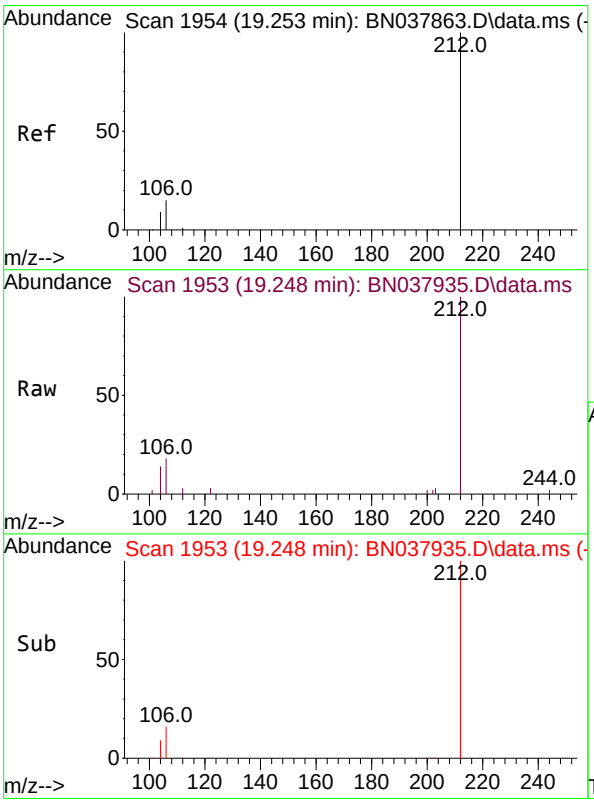
#24
Pentachlorophenol
Concen: 0.027 ng
RT: 16.876 min Scan# 1(
Delta R.T. 0.001 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:266 Resp: 186

Ion	Ratio	Lower	Upper
266	100		
264	53.8	50.9	76.3
268	55.9	54.3	81.5

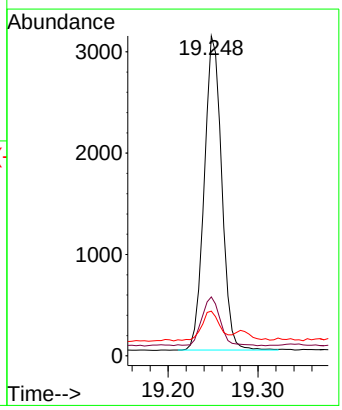


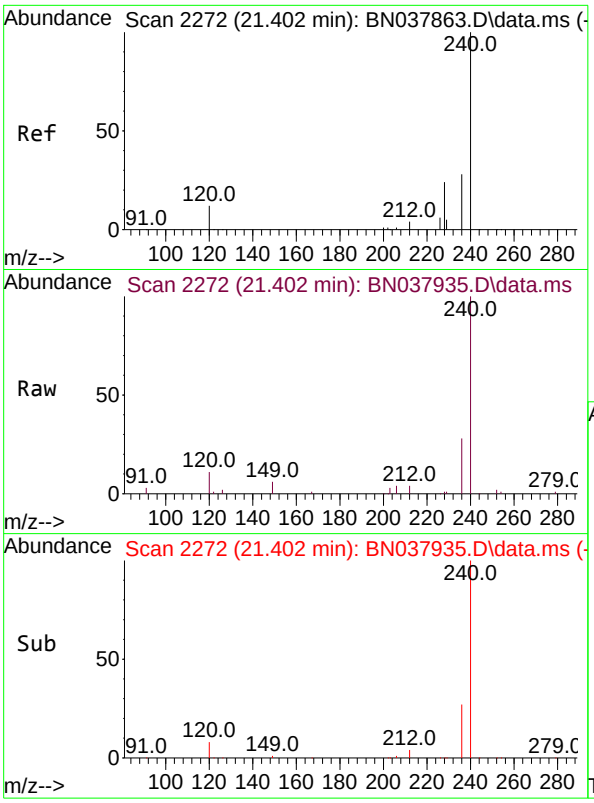


#27
Fluoranthene-d10
Concen: 0.065 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:212 Resp: 4172

Ion	Ratio	Lower	Upper
212	100		
106	16.7	12.6	19.0
104	9.8	7.4	11.0



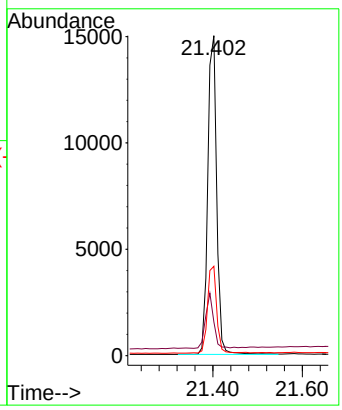


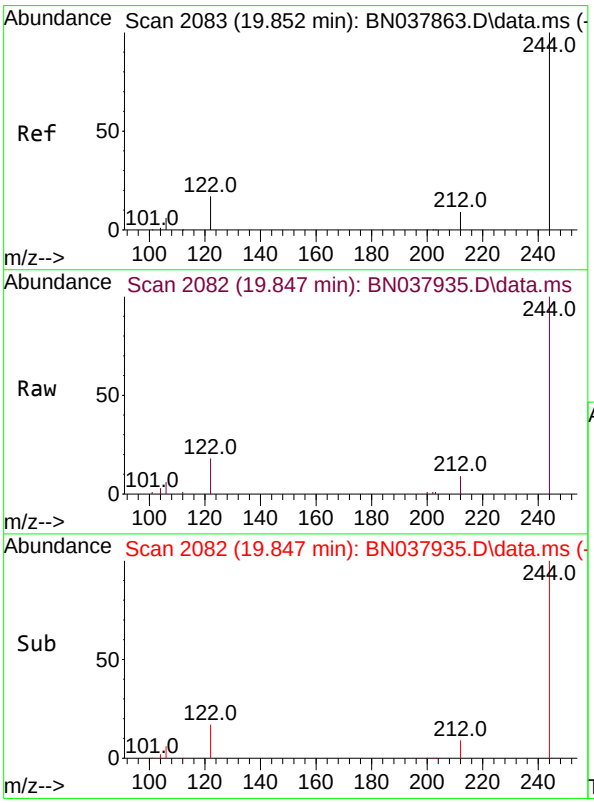
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:240 Resp: 20793

Ion	Ratio	Lower	Upper
240	100		
120	10.5	11.4	17.2#
236	27.9	23.0	34.6

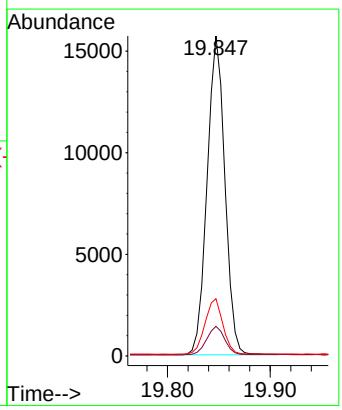


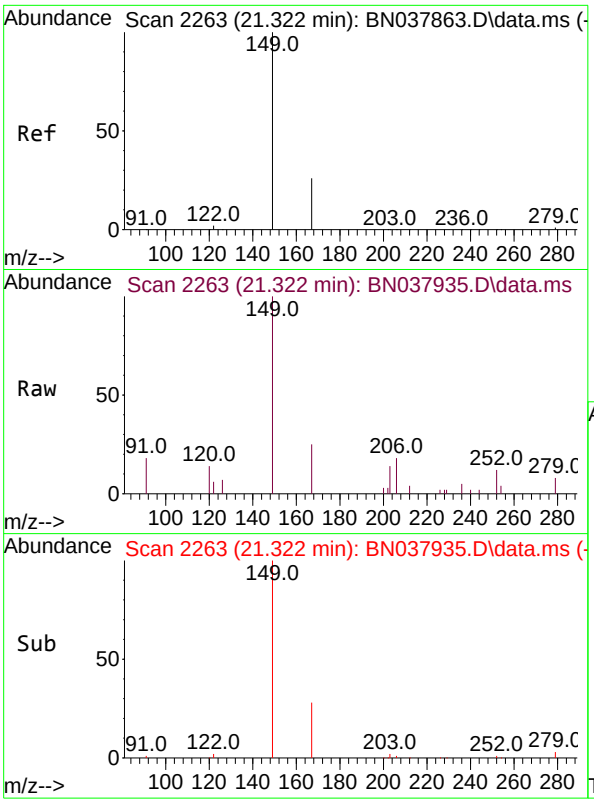


#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:244 Resp: 18900

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	17.9	13.9	20.9



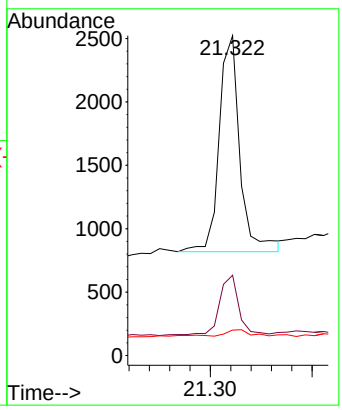


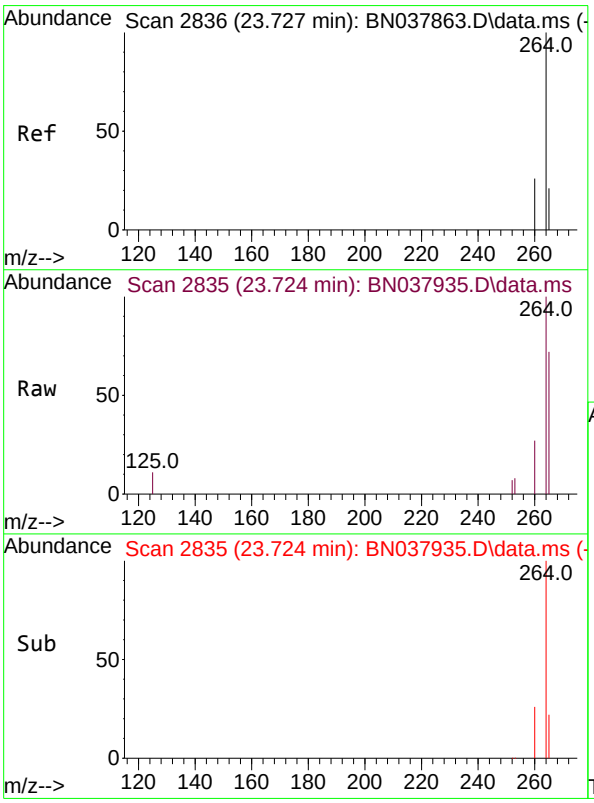
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.322 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:149 Resp: 2420

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.4	30.6
279	4.2	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.724 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:264 Resp: 17157

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.5	32.3
265	71.7	53.8	80.6