Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037050.D
Acq On : 19 May 2025 18:03
Operator : RC/JU
Sample : Q2050-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Quant Time: May 19 23:45:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1931	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5282	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	3090	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	6262	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	4980	0.400	ng	# 0.00
35) Perylene-d12	23.410	264	4275	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	812	0.161	ng	0.00
5) Phenol-d6	6.795	99	663	0.105	ng	0.00
8) Nitrobenzene-d5	8.760	82	1557	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2018	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	471	0.347	ng	-0.01
15) 2-Fluorobiphenyl	12.884	172	4516	0.319	ng	0.00
27) Fluoranthene-d10	19.045	212	6174	0.360	ng	0.00
31) Terphenyl-d14	19.653	244	5181	0.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	277	0.117	ng	# 7
9) Naphthalene	10.447	128	483	0.031	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.135	149	393	0.034	ng	92

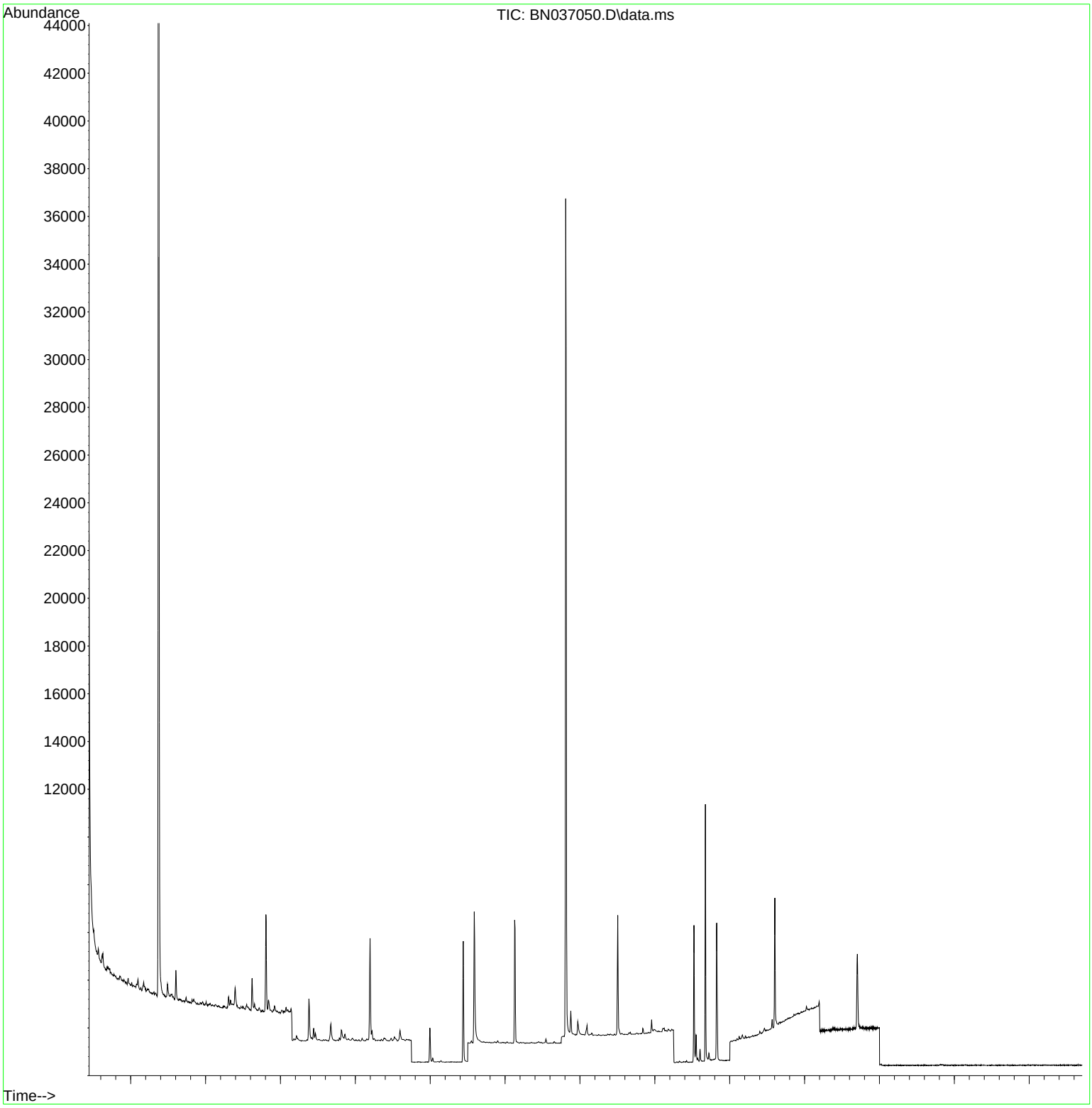
(#) = qualifier out of range (m) = manual integration (+) = signals summed

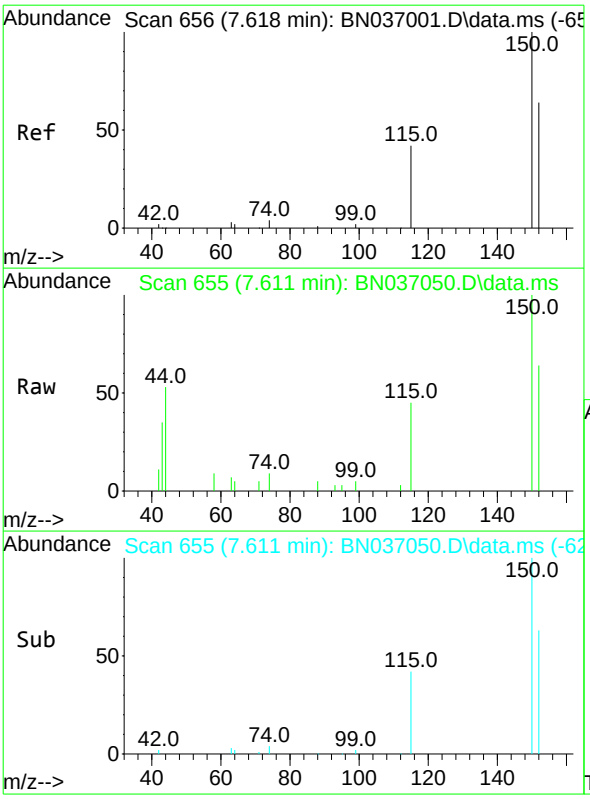
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037050.D
Acq On : 19 May 2025 18:03
Operator : RC/JU
Sample : Q2050-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Quant Time: May 19 23:45:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



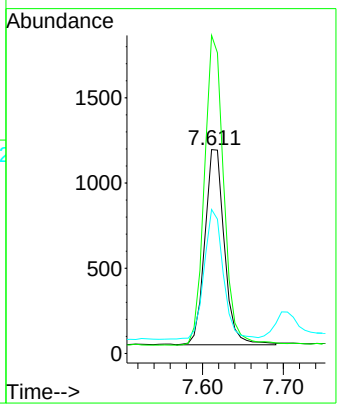


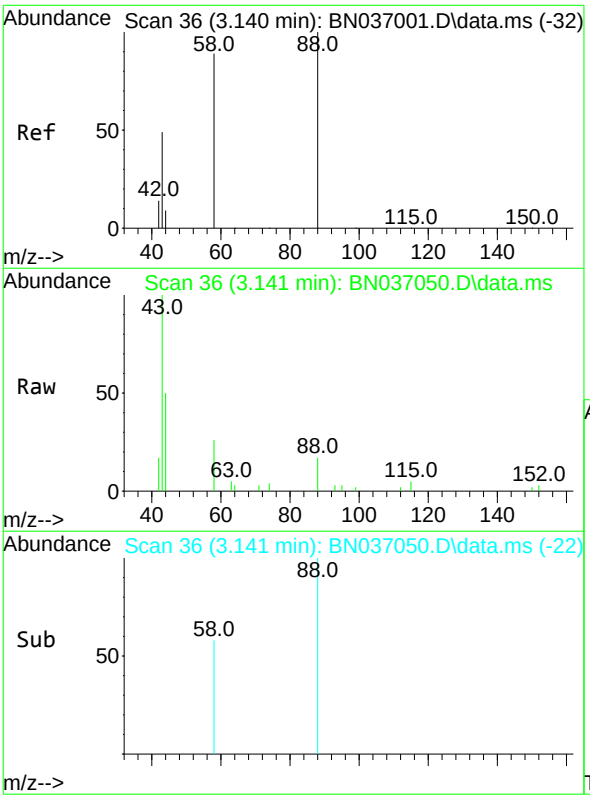
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:152 Resp: 1931

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.9	185.9
115	70.7	55.8	83.8

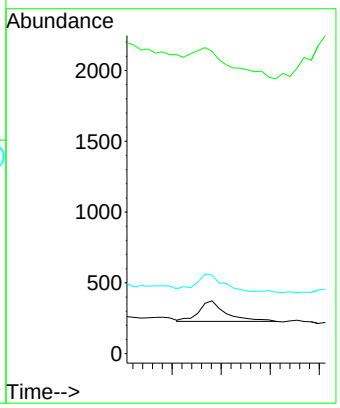


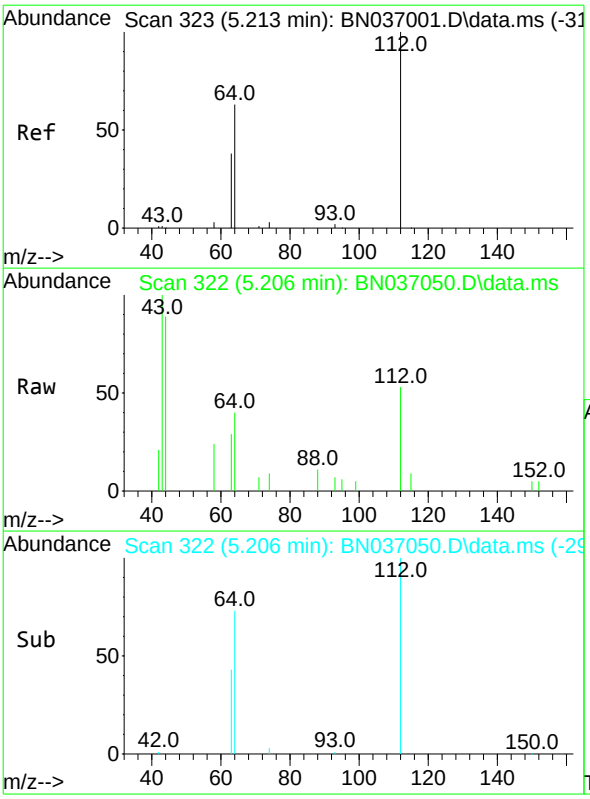


#2
1,4-Dioxane
Concen: 0.117 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion: 88 Resp: 277

Ion	Ratio	Lower	Upper
88	100		
43	212.6	37.4	56.0#
58	93.9	68.8	103.2



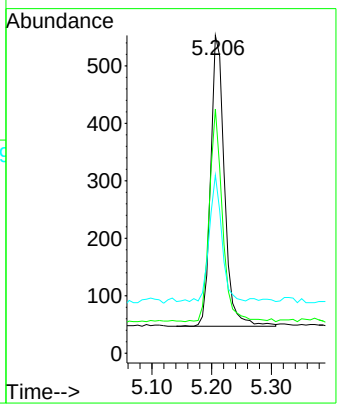


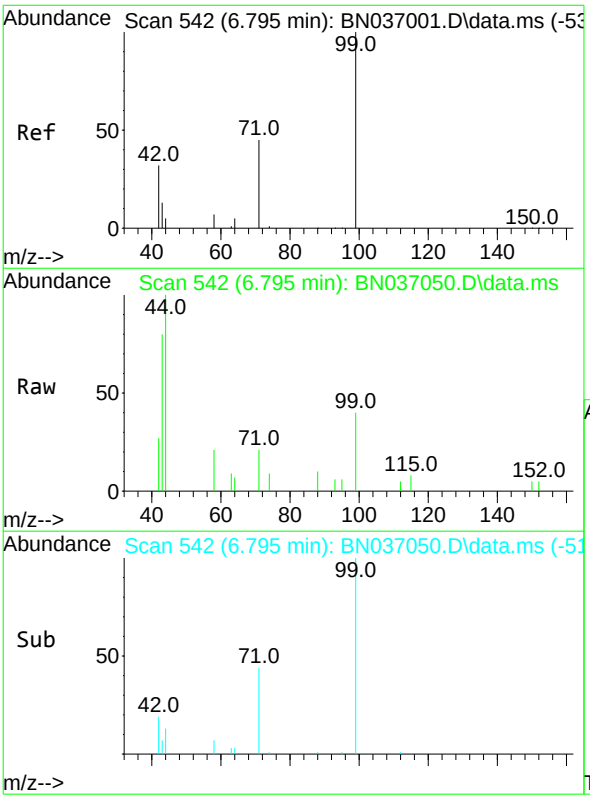
#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.206 min Scan# 32
Delta R.T. -0.007 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:112 Resp: 812

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.7	83.5
63	39.3	34.6	51.8

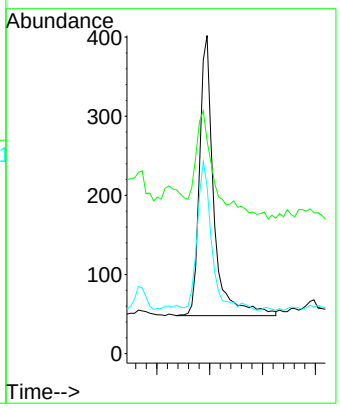


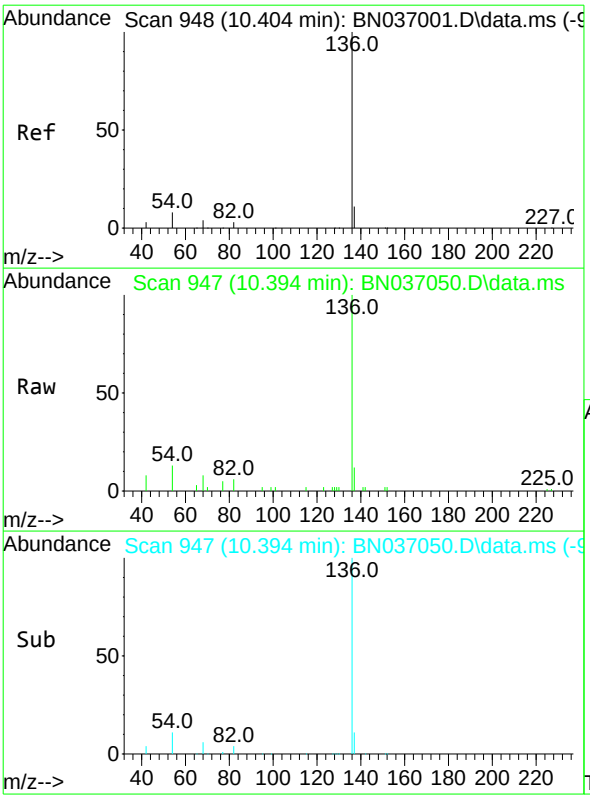


#5
Phenol-d6
Concen: 0.105 ng
RT: 6.795 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion: 99 Resp: 663

Ion	Ratio	Lower	Upper
99	100		
42	51.6	29.3	43.9#
71	49.8	35.7	53.5



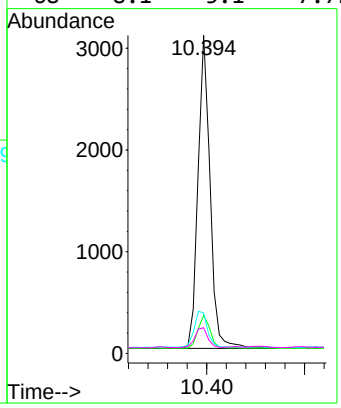


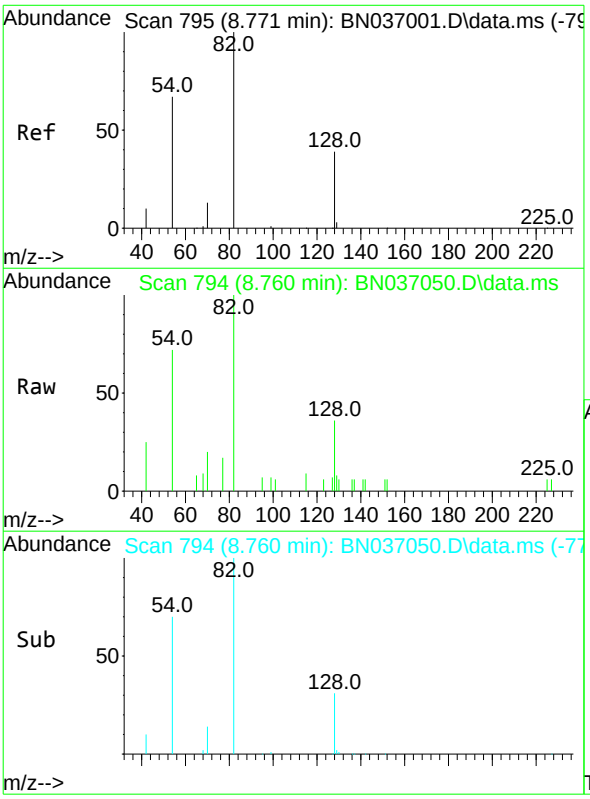
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:136 Resp: 5282

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	12.8	8.5	12.7#
68	8.1	5.1	7.7#

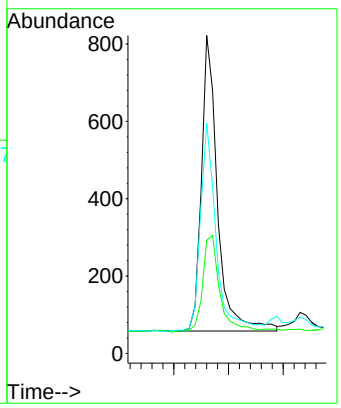


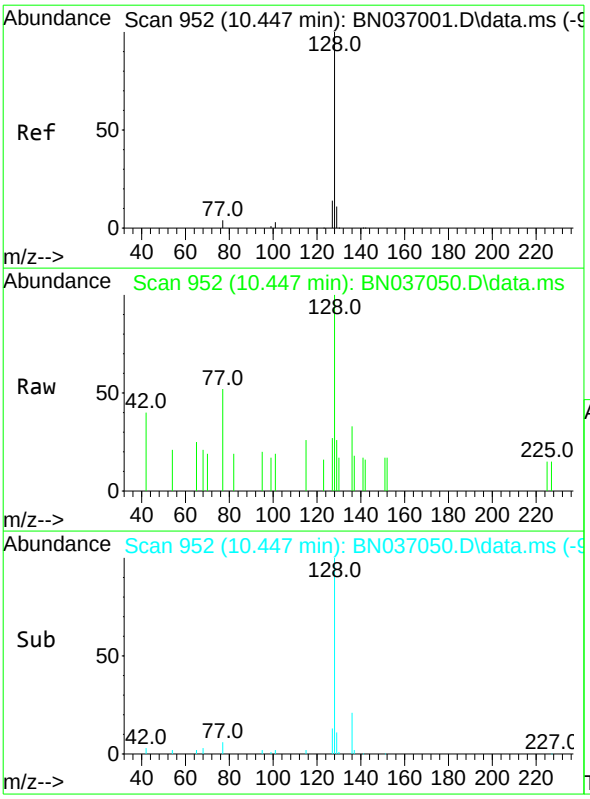


#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.010 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion: 82 Resp: 1557

Ion	Ratio	Lower	Upper
82	100		
128	35.6	34.0	51.0
54	72.4	55.0	82.4



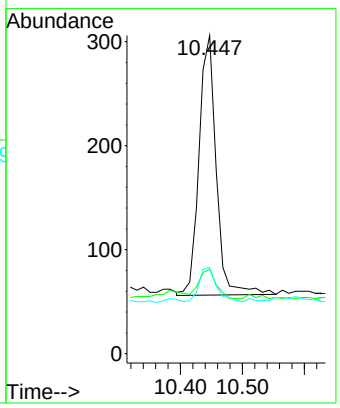


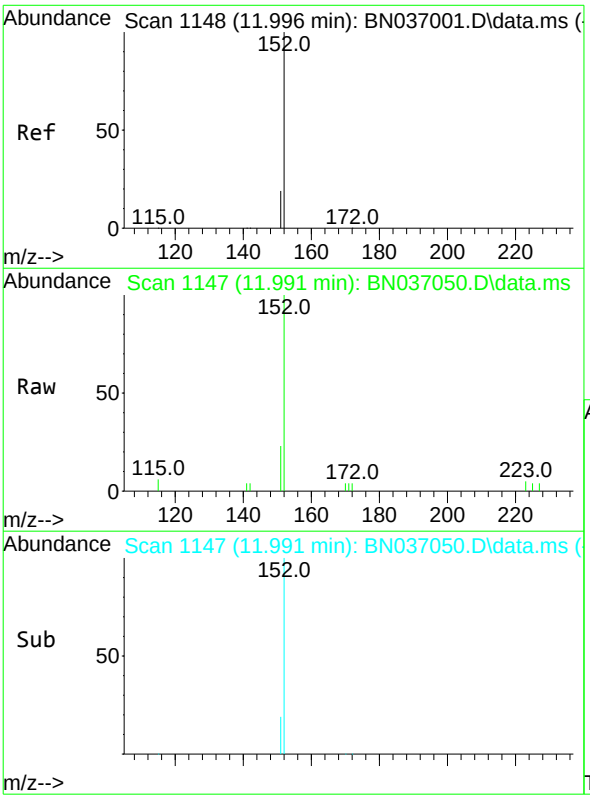
#9
Naphthalene
Concen: 0.031 ng
RT: 10.447 min Scan# 95
Delta R.T. 0.000 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:128 Resp: 483

Ion	Ratio	Lower	Upper
128	100		
129	26.5	9.7	14.5#
127	27.1	12.4	18.6#

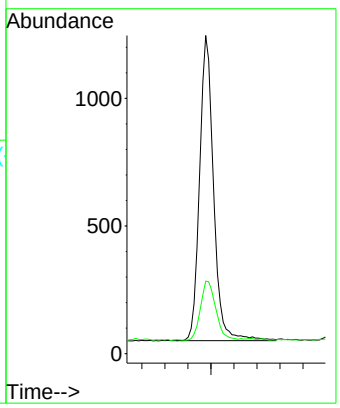


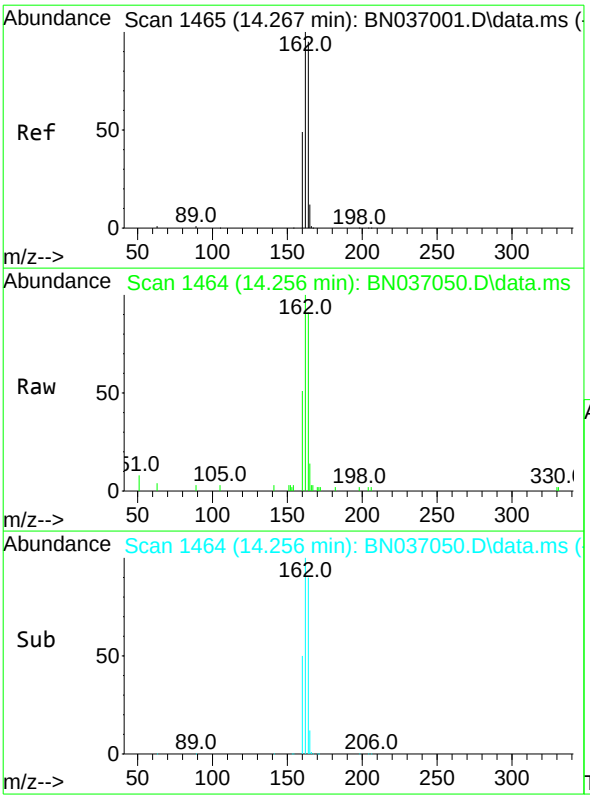


#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion:152 Resp: 2018

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3



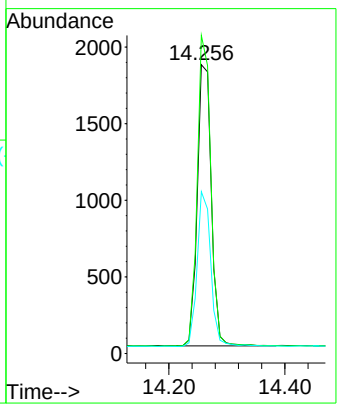


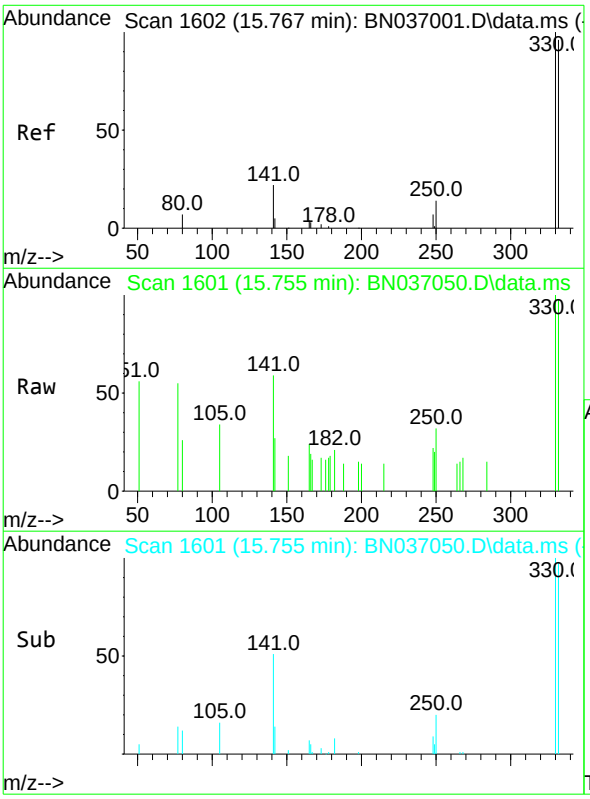
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:164 Resp: 3090

Ion	Ratio	Lower	Upper
164	100		
162	110.1	84.2	126.4
160	56.0	42.6	63.8

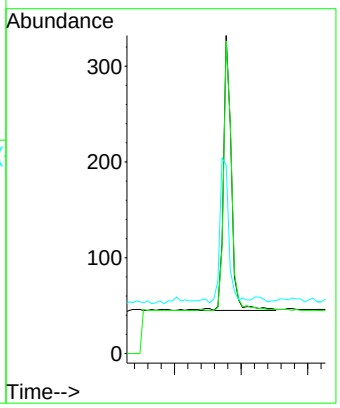


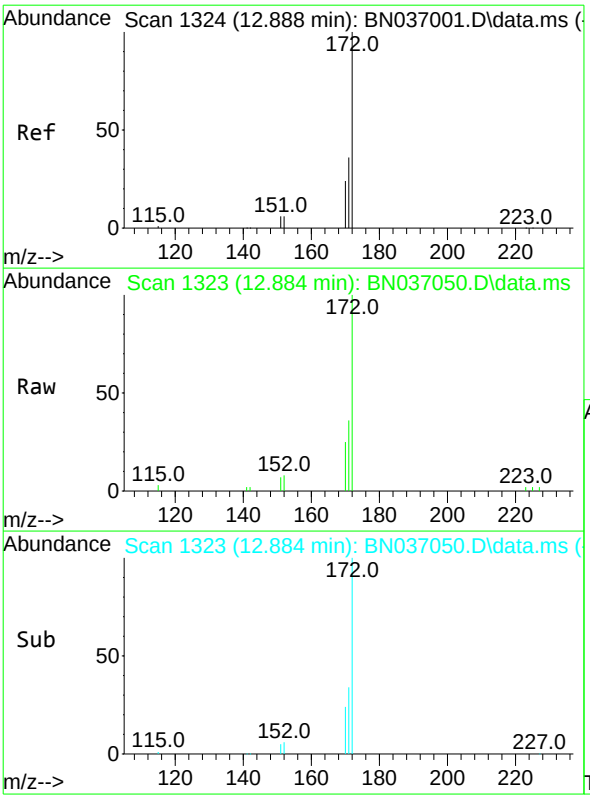


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion:330 Resp: 471

Ion	Ratio	Lower	Upper
330	100		
332	97.7	73.8	110.8
141	59.9	43.9	65.9



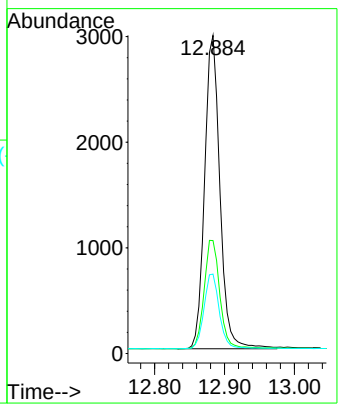


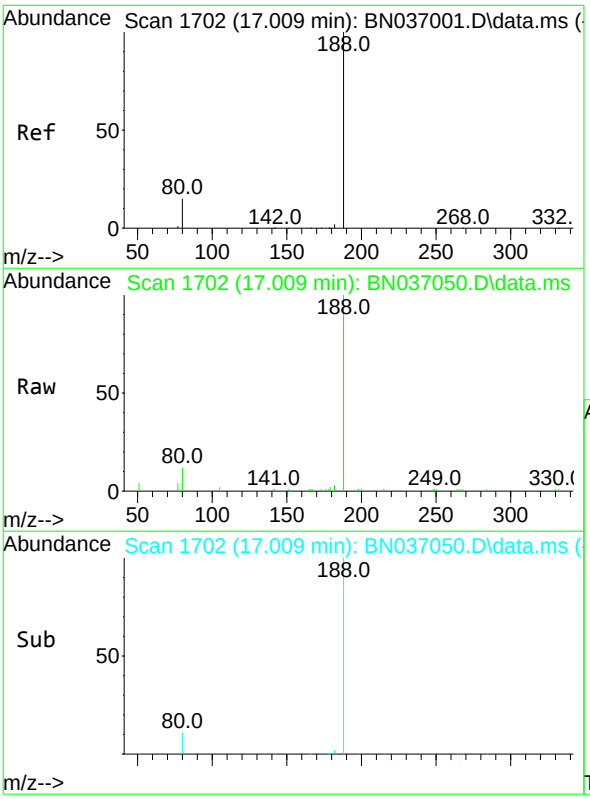
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.884 min Scan# 13
Delta R.T. -0.005 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:172 Resp: 4516

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	25.0	20.5	30.7

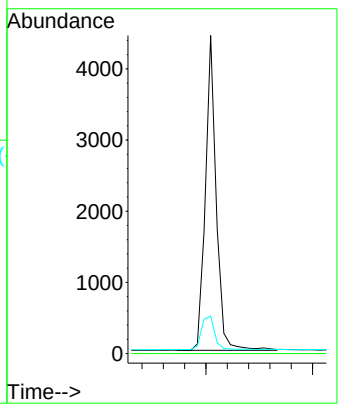


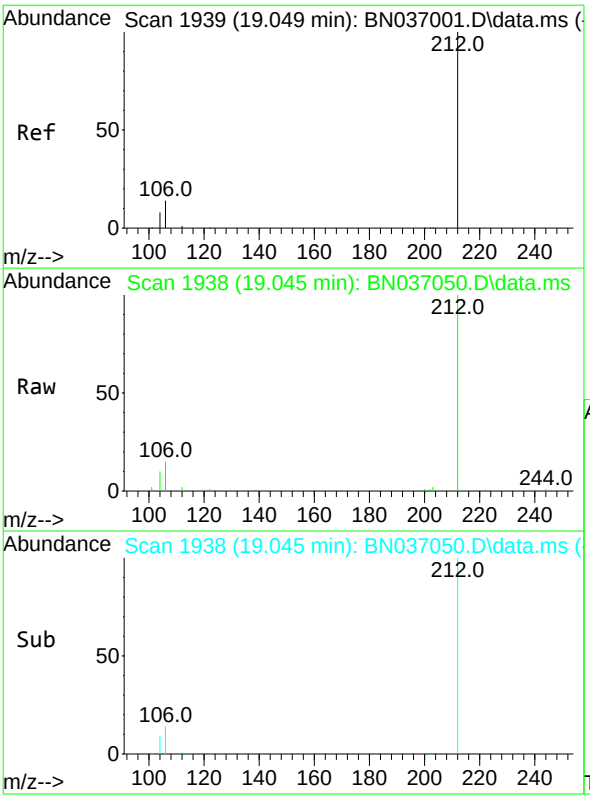


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion:188 Resp: 6262

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	13.4	20.0#



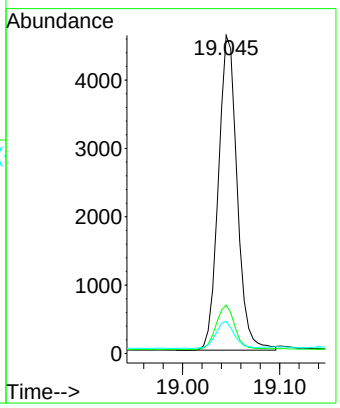


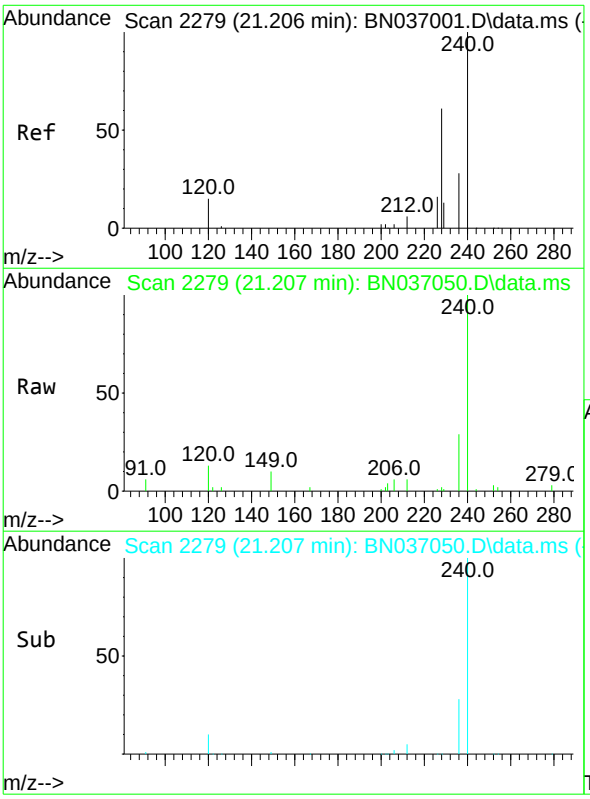
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.045 min Scan# 19
Delta R.T. -0.004 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:212 Resp: 6174

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.3	16.9
104	8.7	6.7	10.1

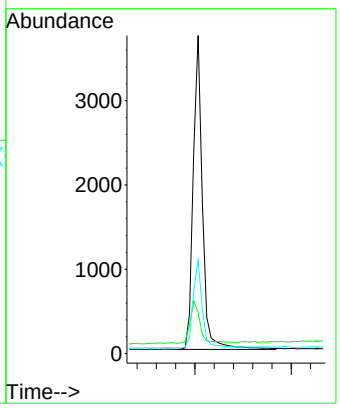


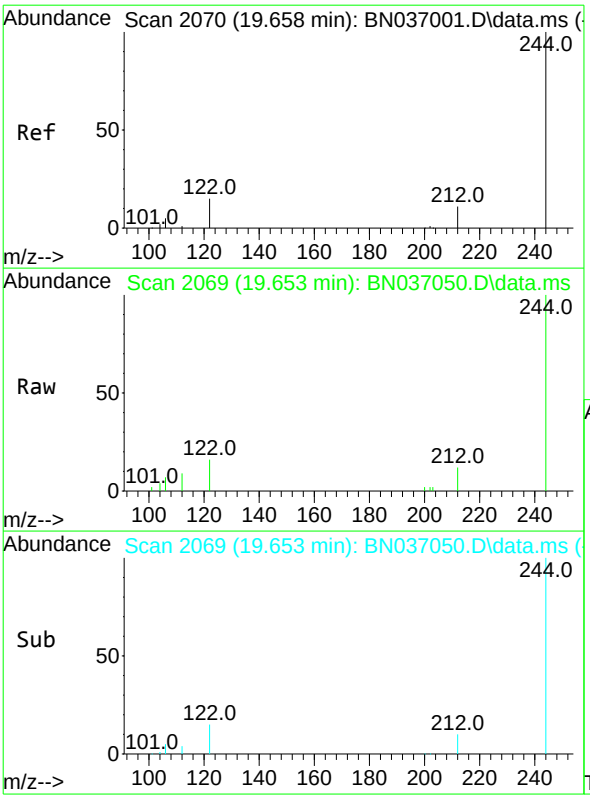


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion:240 Resp: 4980

Ion	Ratio	Lower	Upper
240	100		
120	12.9	15.1	22.7#
236	29.3	24.0	36.0



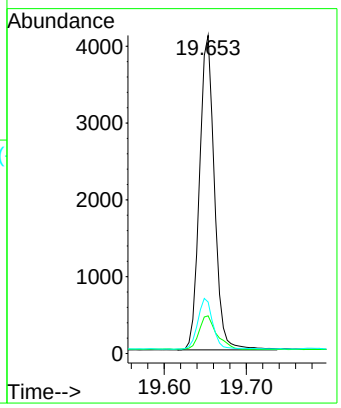


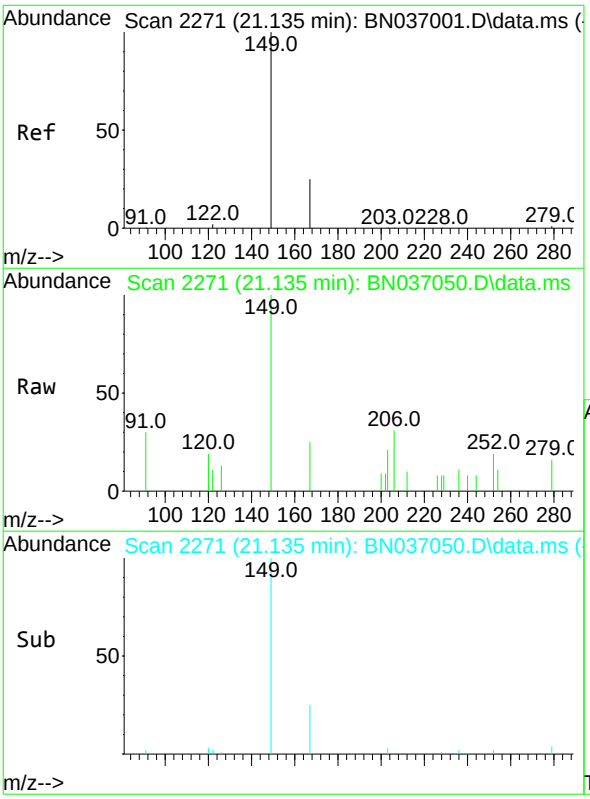
#31
Terphenyl-d14
Concen: 0.486 ng
RT: 19.653 min Scan# 20
Delta R.T. -0.004 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:244 Resp: 5181

Ion	Ratio	Lower	Upper
244	100		
212	11.8	9.7	14.5
122	16.2	13.4	20.0

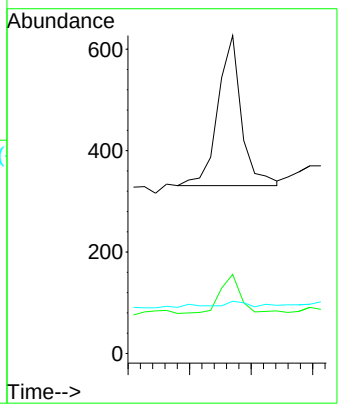


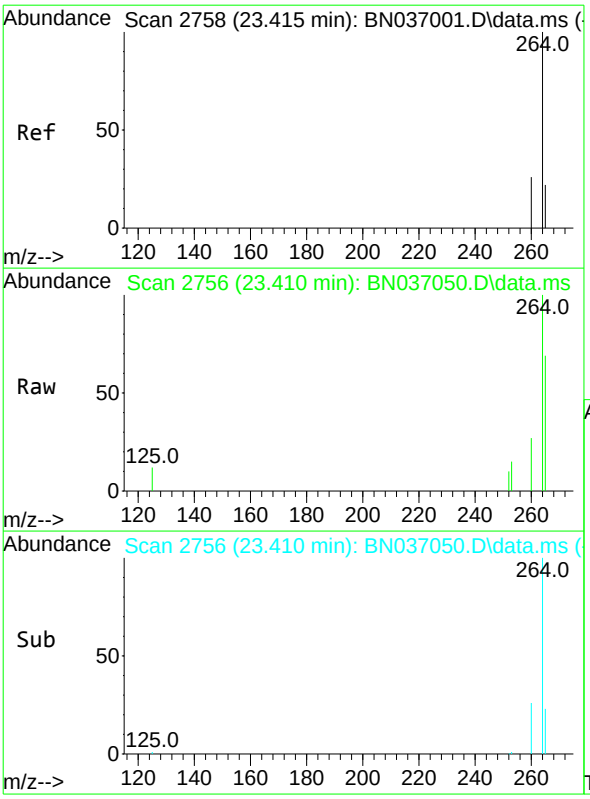


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Tgt Ion:149 Resp: 393

Ion	Ratio	Lower	Upper
149	100		
167	21.4	20.6	30.8
279	3.1	2.6	3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.410 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN037050.D
Acq: 19 May 2025 18:03

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-220-222

Tgt Ion:264 Resp: 4275

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.9	32.9
265	69.2	51.6	77.4