Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036310.D
Acq On : 05 Feb 2025 22:58
Operator : RC/JU
Sample : Q1250-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Quant Time: Feb 06 01:06:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2525	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5711	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2963	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	6299	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	6349	0.400	ng	0.00
35) Perylene-d12	23.625	264	6778	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1909	0.291	ng	0.00
5) Phenol-d6	6.952	99	1533	0.199	ng	0.00
8) Nitrobenzene-d5	8.918	82	2386	0.443	ng	-0.01
11) 2-Methylnaphthalene-d10	12.152	152	3285	0.423	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	570	0.300	ng	0.00
15) 2-Fluorobiphenyl	13.030	172	4487	0.339	ng	-0.01
27) Fluoranthene-d10	19.188	212	7866	0.482	ng	0.00
31) Terphenyl-d14	19.787	244	5874	0.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	4825	1.709	ng	99
25) Phenanthrene	17.198	178	494	0.026	ng	# 40
34) Bis(2-ethylhexyl)phtha...	21.259	149	1713	0.136	ng	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
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Quant Time: Feb 06 01:06:54 2025
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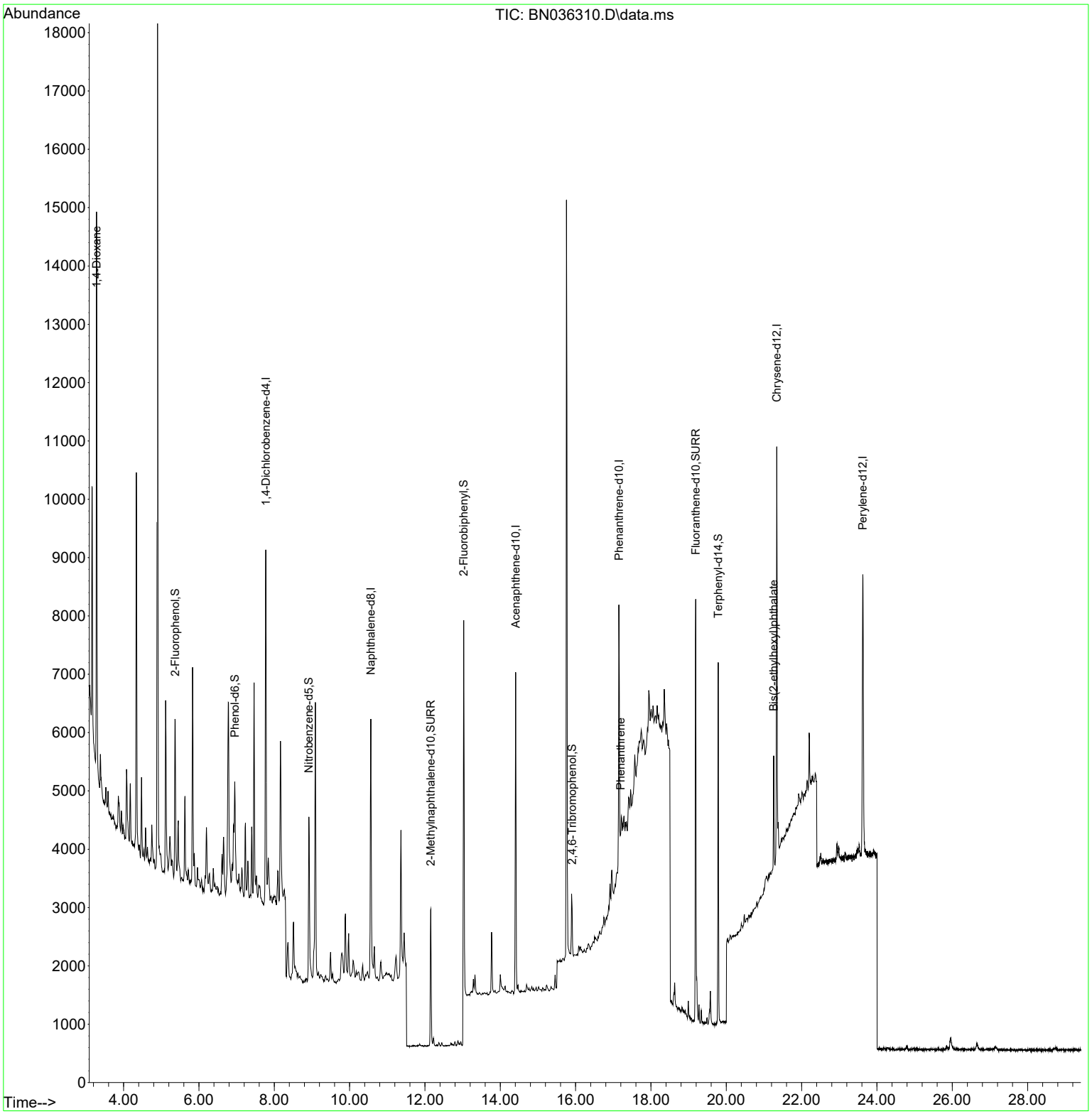
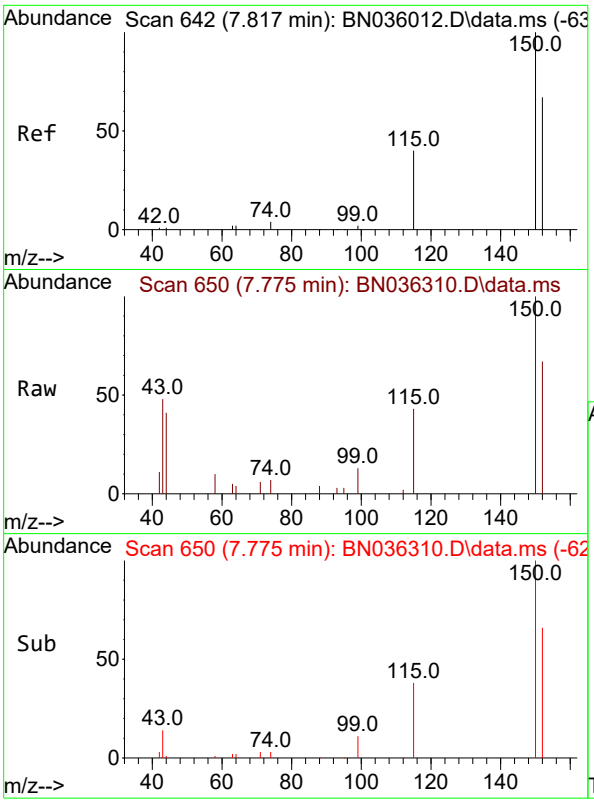
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration



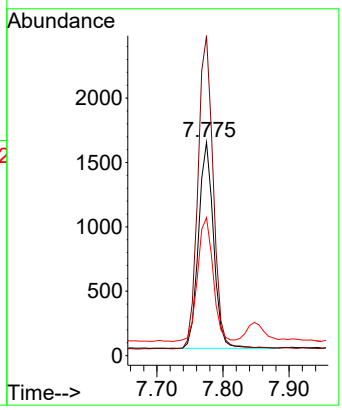


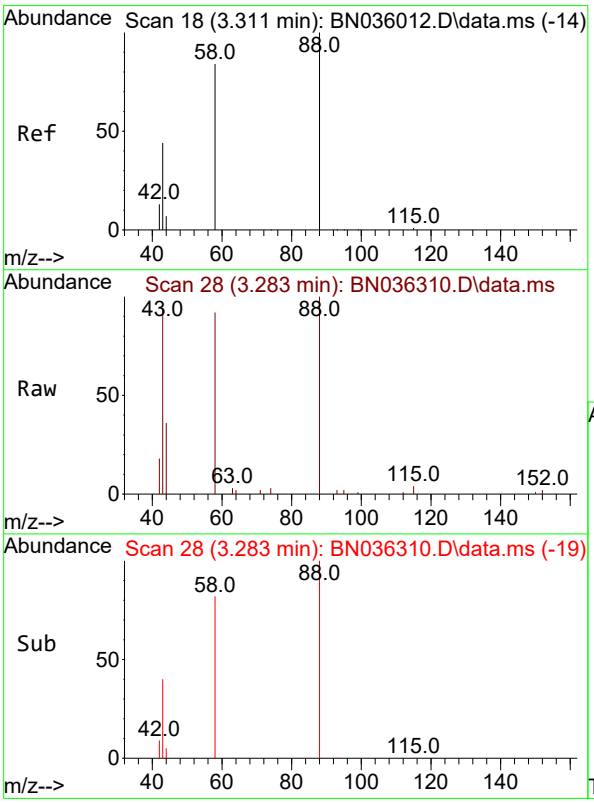
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:152 Resp: 2525

Ion	Ratio	Lower	Upper
152	100		
150	149.9	117.4	176.2
115	64.7	51.0	76.4

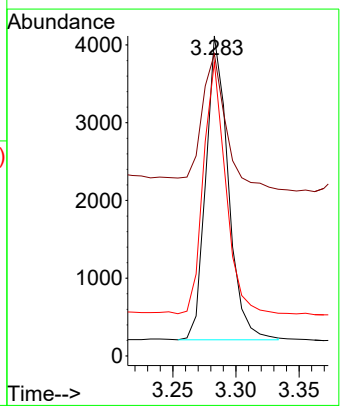


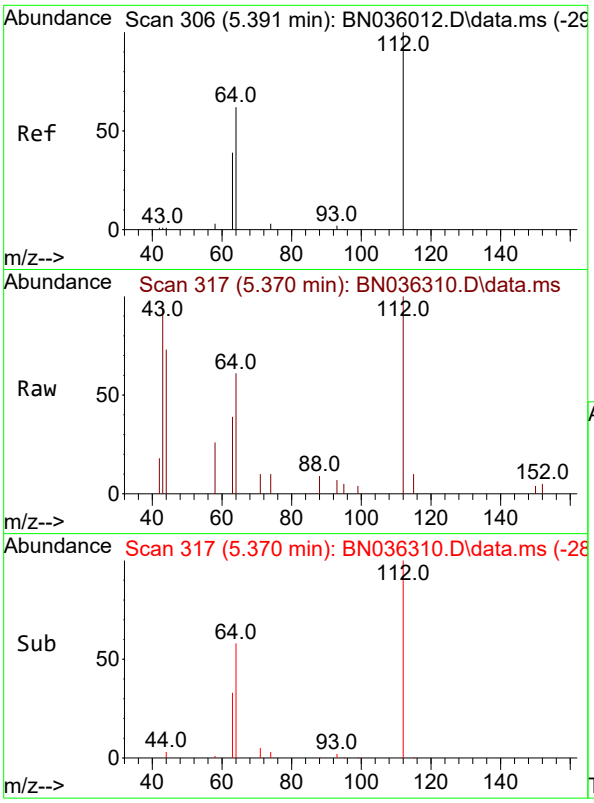


#2
1,4-Dioxane
Concen: 1.709 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion: 88 Resp: 4825

Ion	Ratio	Lower	Upper
88	100		
43	48.1	38.5	57.7
58	82.2	66.6	99.8



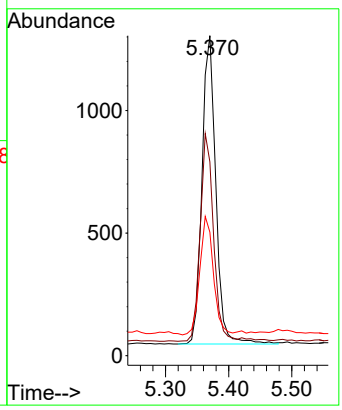


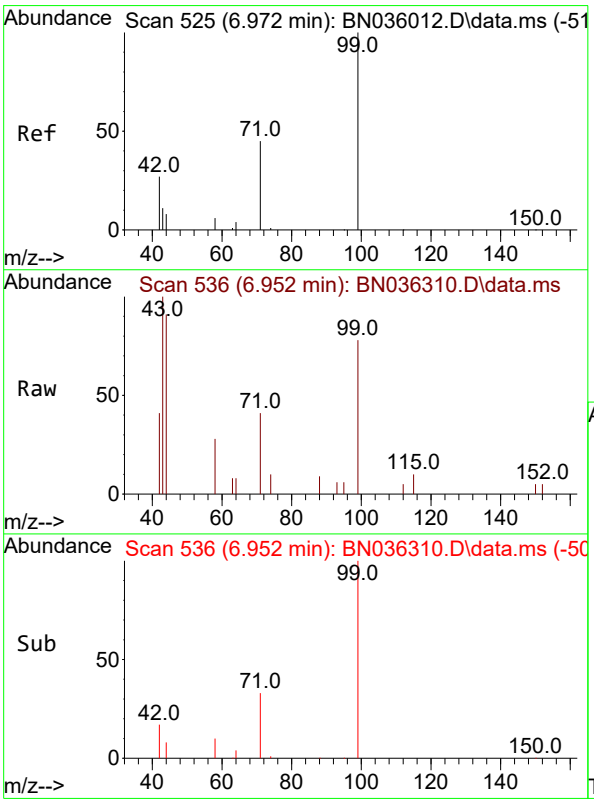
#4
2-Fluorophenol
Concen: 0.291 ng
RT: 5.370 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:112 Resp: 1909

Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.0	75.0
63	37.8	30.7	46.1

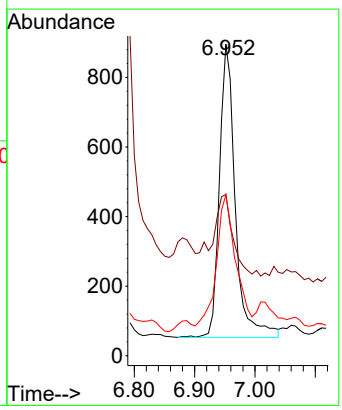


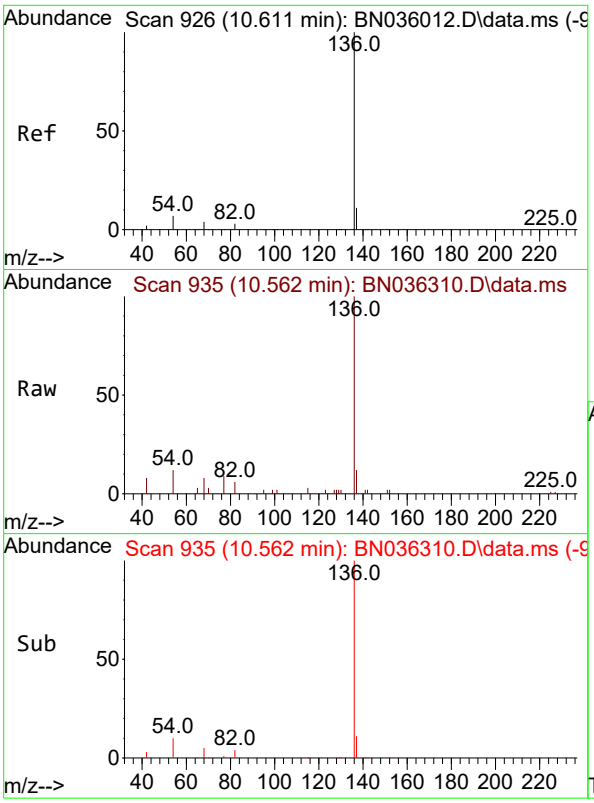


#5
Phenol-d6
Concen: 0.199 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion: 99 Resp: 1533

Ion	Ratio	Lower	Upper
99	100		
42	35.2	26.8	40.2
71	54.9	36.6	55.0



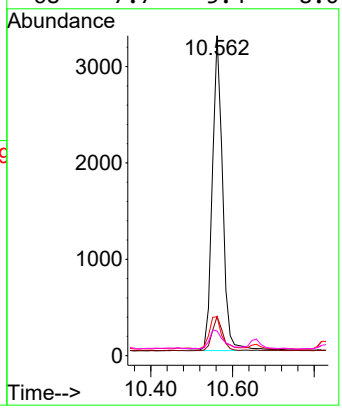


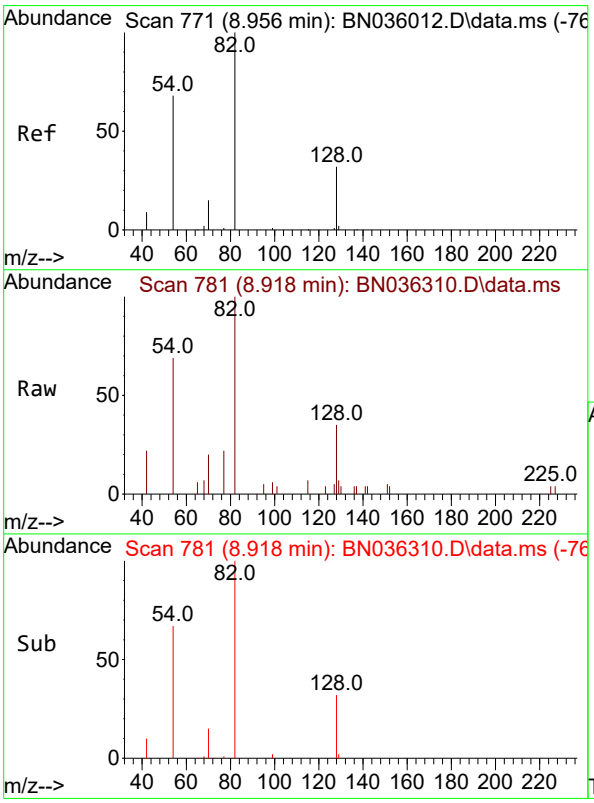
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:136 Resp: 5711

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.4	15.6
54	12.1	7.7	11.5#
68	7.7	5.4	8.0

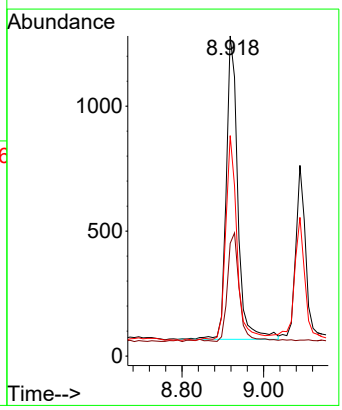


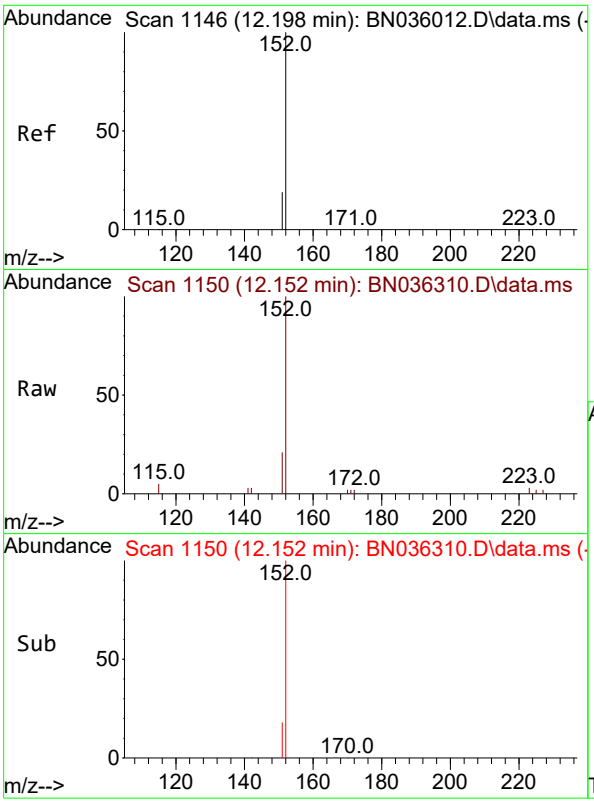


#8
Nitrobenzene-d5
Concen: 0.443 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion: 82 Resp: 2386

Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.8	43.2
54	68.9	55.8	83.8



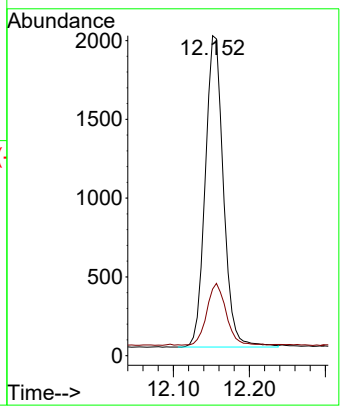


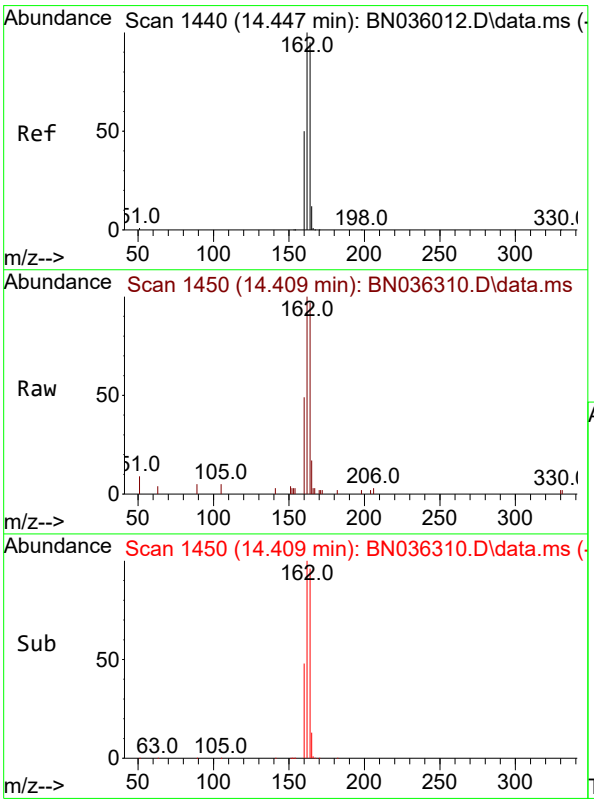
#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 12.152 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:152 Resp: 3285

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0

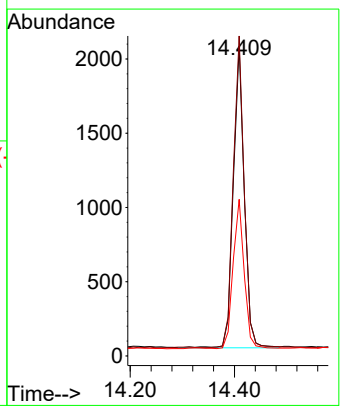


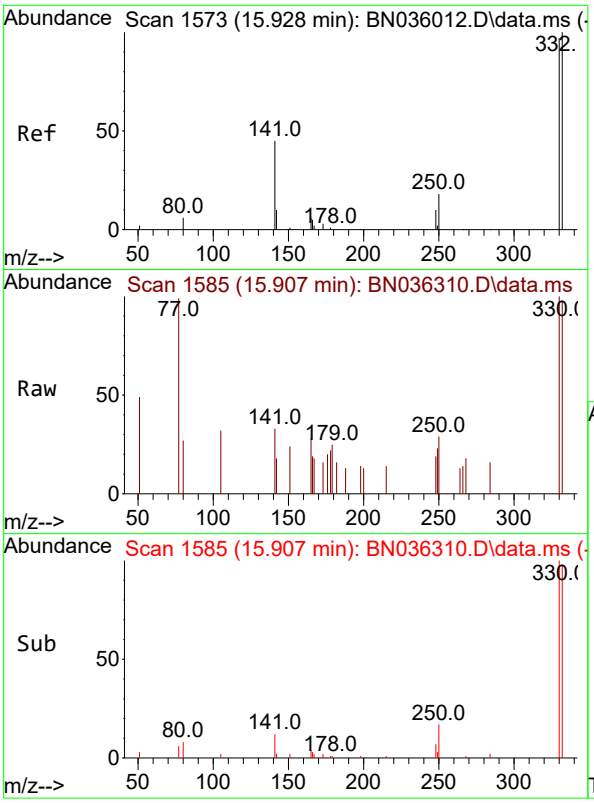


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion:164 Resp: 2963

Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.1	126.1
160	50.6	43.8	65.8



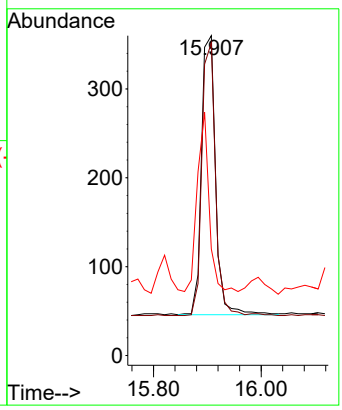


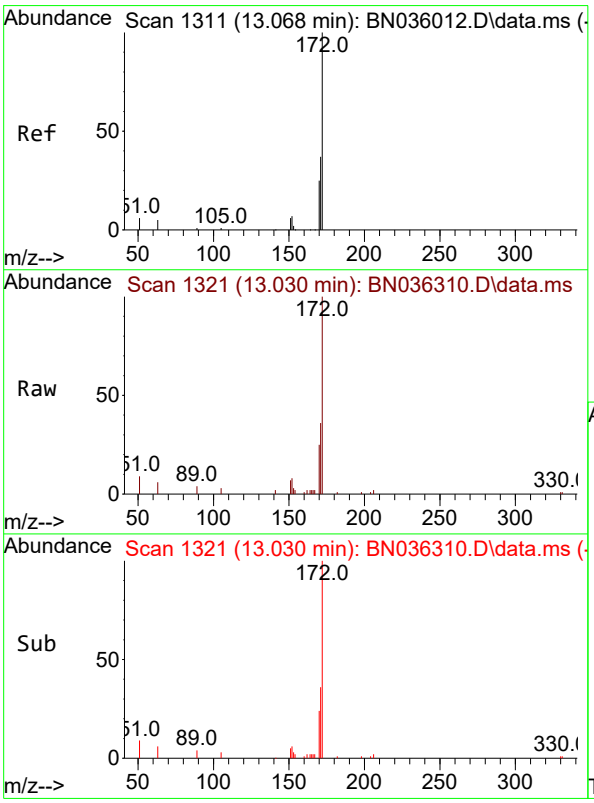
#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.907 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:330 Resp: 570

Ion	Ratio	Lower	Upper
330	100		
332	94.7	81.0	121.4
141	56.5	36.7	55.1#

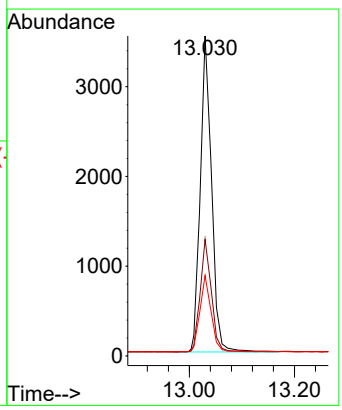


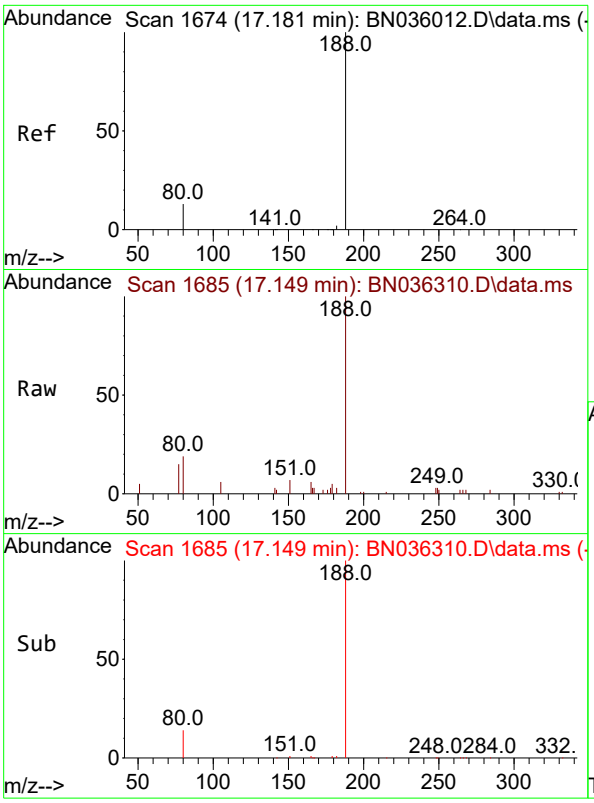


#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.030 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion:172 Resp: 4487

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.9	46.3
170	25.2	21.2	31.8



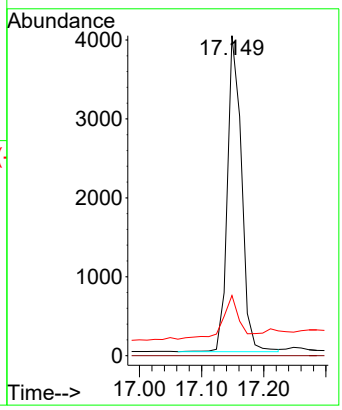


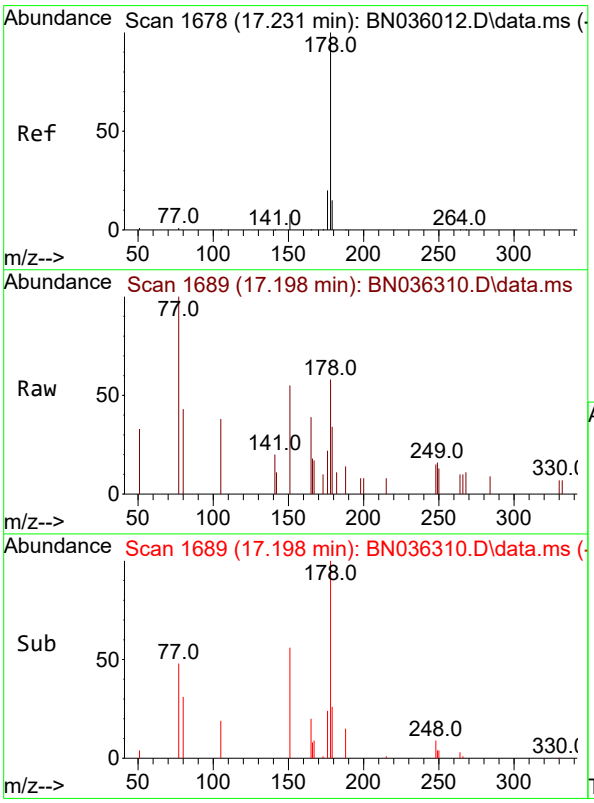
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:188 Resp: 6299

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.8	12.3	18.5#

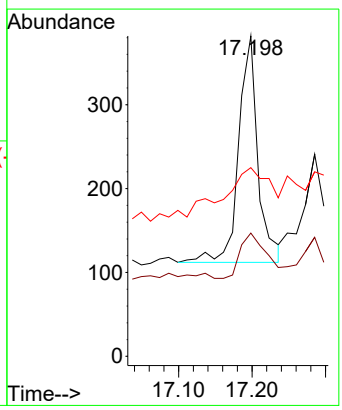


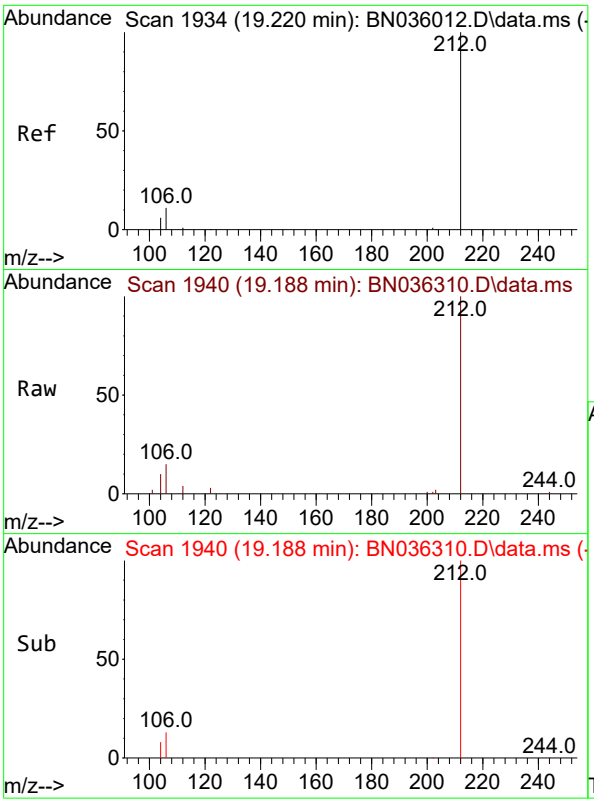


#25
Phenanthrene
Concen: 0.026 ng
RT: 17.198 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion:178 Resp: 494

Ion	Ratio	Lower	Upper
178	100		
176	26.7	16.0	24.0#
179	65.2	12.4	18.6#



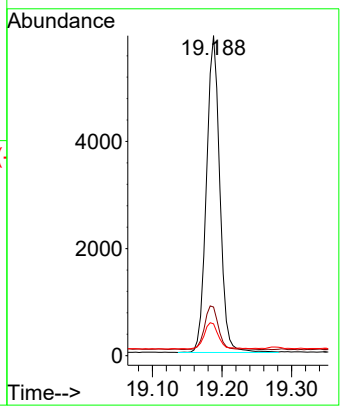


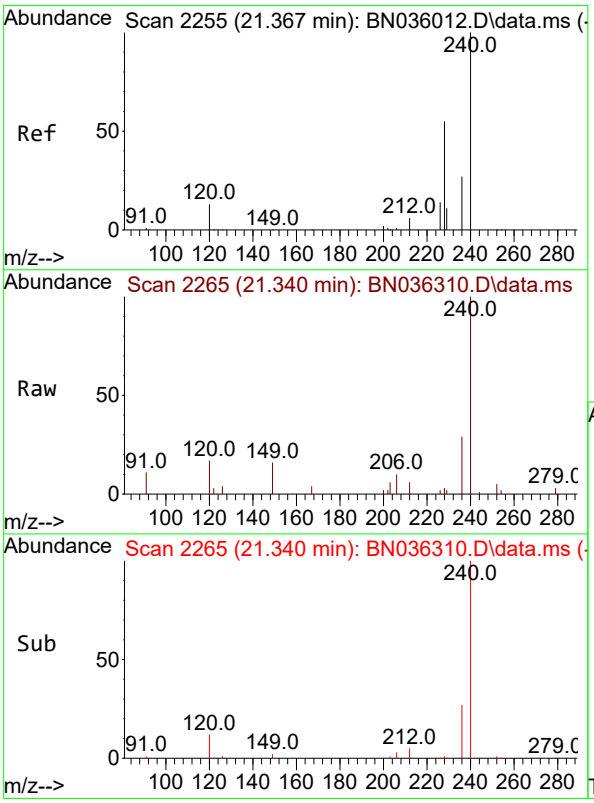
#27
Fluoranthene-d10
Concen: 0.482 ng
RT: 19.188 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:212 Resp: 7866

Ion	Ratio	Lower	Upper
212	100		
106	14.1	9.7	14.5
104	9.0	6.0	9.0#

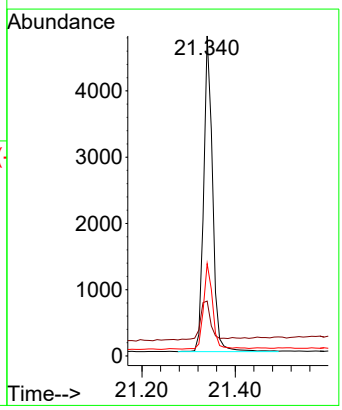


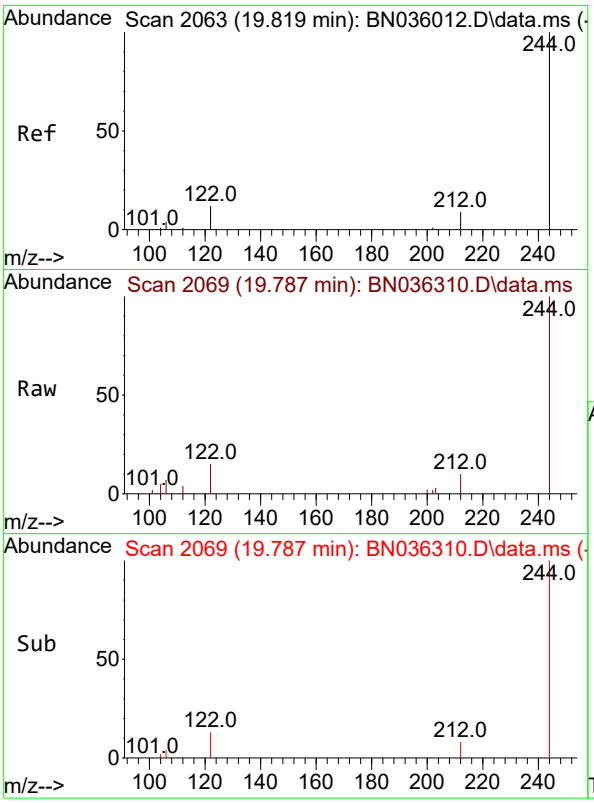


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion:240 Resp: 6349

Ion	Ratio	Lower	Upper
240	100		
120	17.1	13.9	20.9
236	28.9	23.7	35.5



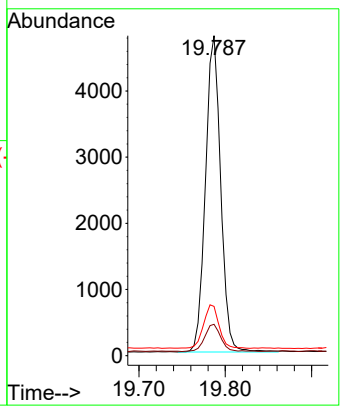


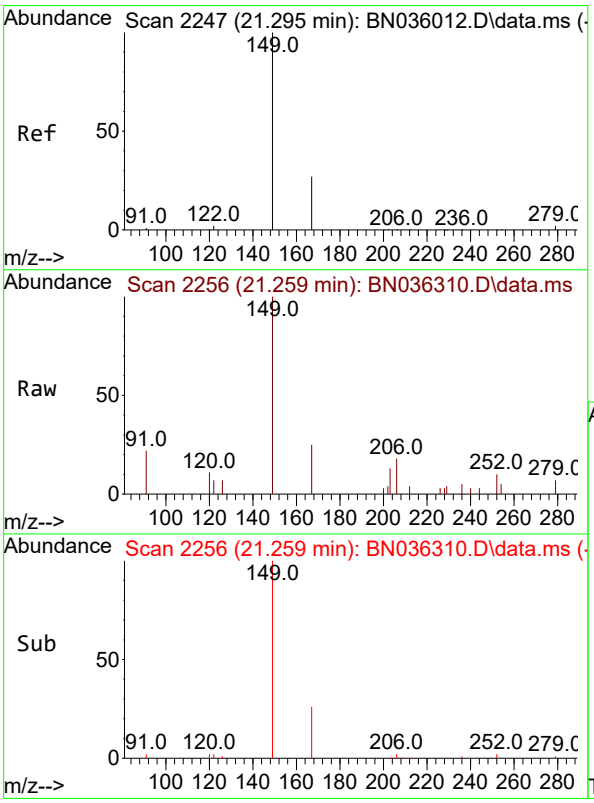
#31
Terphenyl-d14
Concen: 0.445 ng
RT: 19.787 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:244 Resp: 5874

Ion	Ratio	Lower	Upper
244	100		
212	9.8	9.1	13.7
122	15.4	11.3	16.9

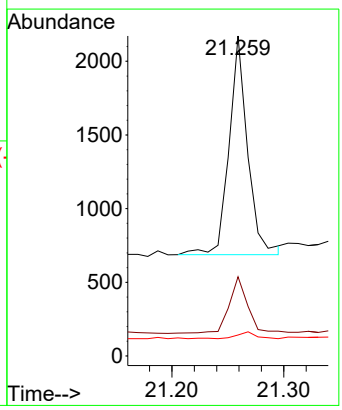


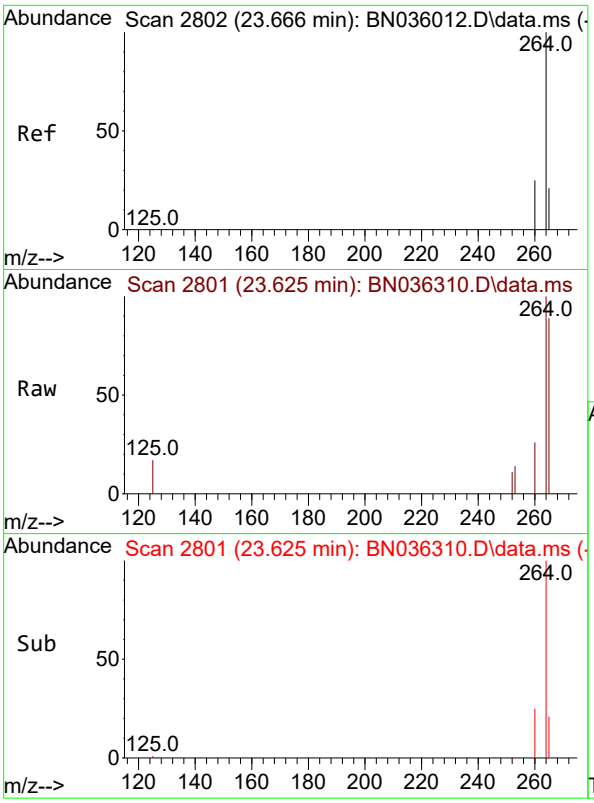


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.259 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Tgt Ion:149 Resp: 1713

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.9	32.9
279	3.4	3.0	4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.625 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036310.D
Acq: 05 Feb 2025 22:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-420-422

Tgt Ion:264 Resp: 6778

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.8	32.6
265	89.2	56.6	84.8#