Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036541.D
Acq On : 06 Mar 2025 19:00
Operator : RC/JU
Sample : Q1501-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Quant Time: Mar 07 00:25:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	1892	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4686	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	3090	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6573	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6013	0.400	ng	0.00
35) Perylene-d12	23.554	264	5454	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	799	0.179	ng	0.00
5) Phenol-d6	6.901	99	611	0.116	ng	0.00
8) Nitrobenzene-d5	8.875	82	1664	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2516	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	627	0.409	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6038	0.520	ng	0.00
27) Fluoranthene-d10	19.141	212	8065	0.441	ng	0.00
31) Terphenyl-d14	19.745	244	6687	0.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	893	0.431	ng	93
25) Phenanthrene	17.148	178	382	0.020	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.214	149	2648	0.215	ng	98

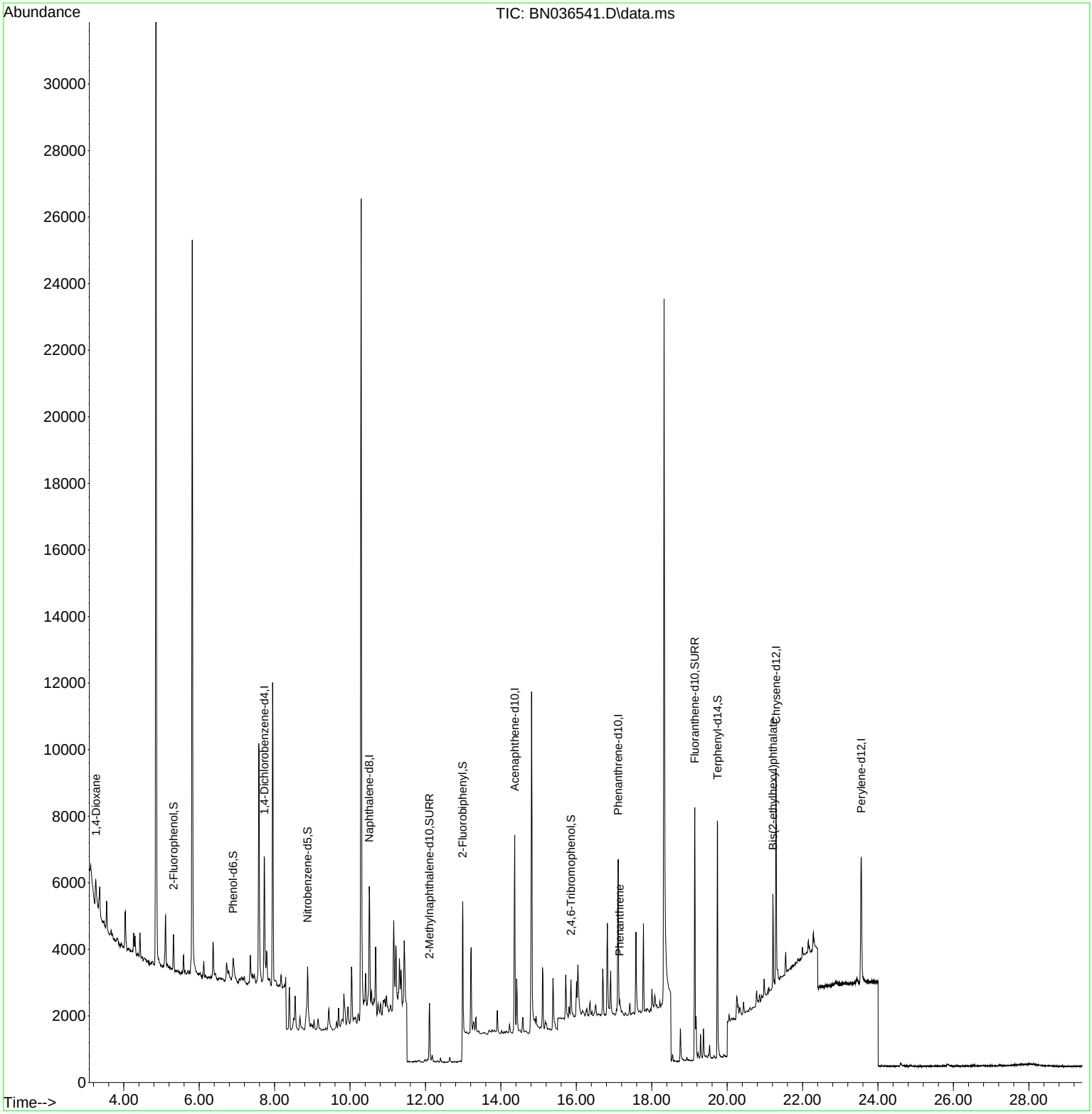
(#) = qualifier out of range (m) = manual integration (+) = signals summed

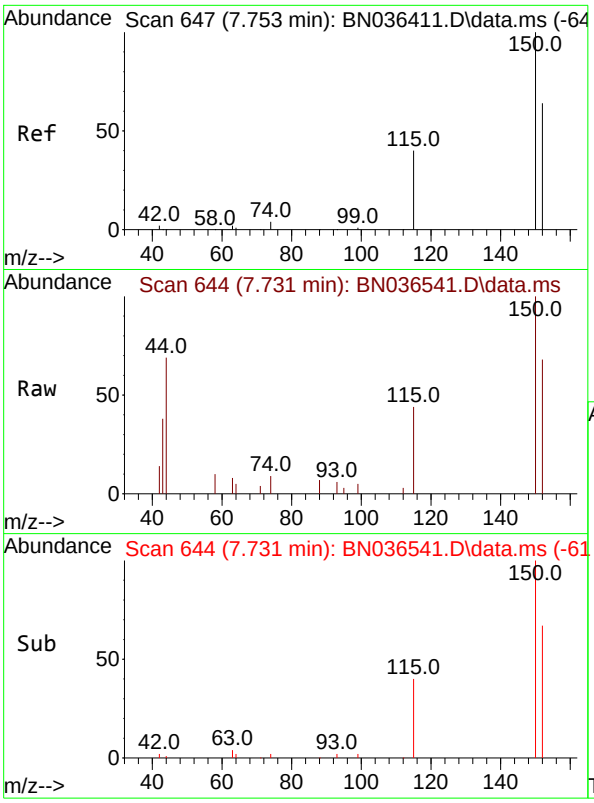
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036541.D
Acq On : 06 Mar 2025 19:00
Operator : RC/JU
Sample : Q1501-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Quant Time: Mar 07 00:25:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration



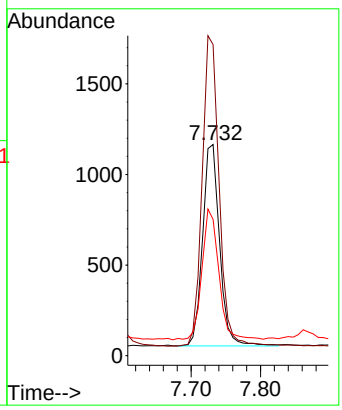


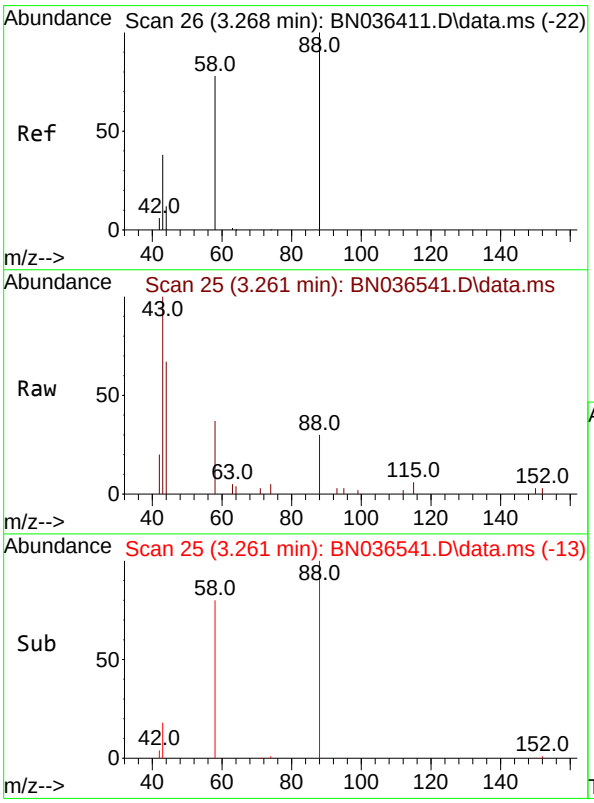
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.731 min Scan# 64
Delta R.T. -0.001 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:152 Resp: 1892

Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.7	185.5
115	64.5	52.5	78.7

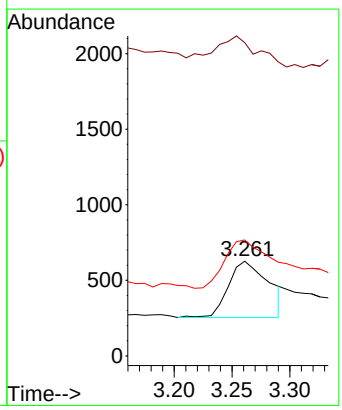


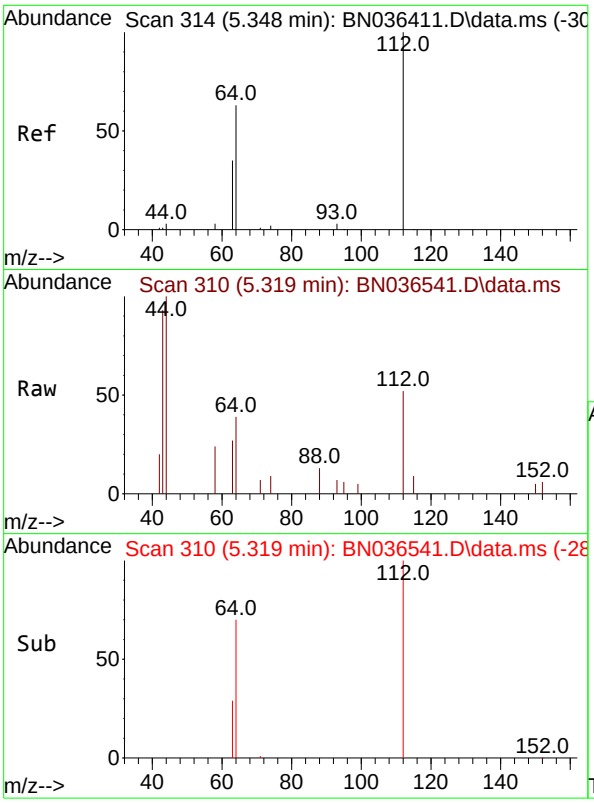


#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.014 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion: 88 Resp: 893

Ion	Ratio	Lower	Upper
88	100		
43	38.5	33.7	50.5
58	93.3	68.9	103.3



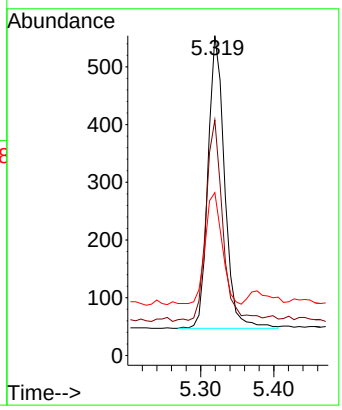


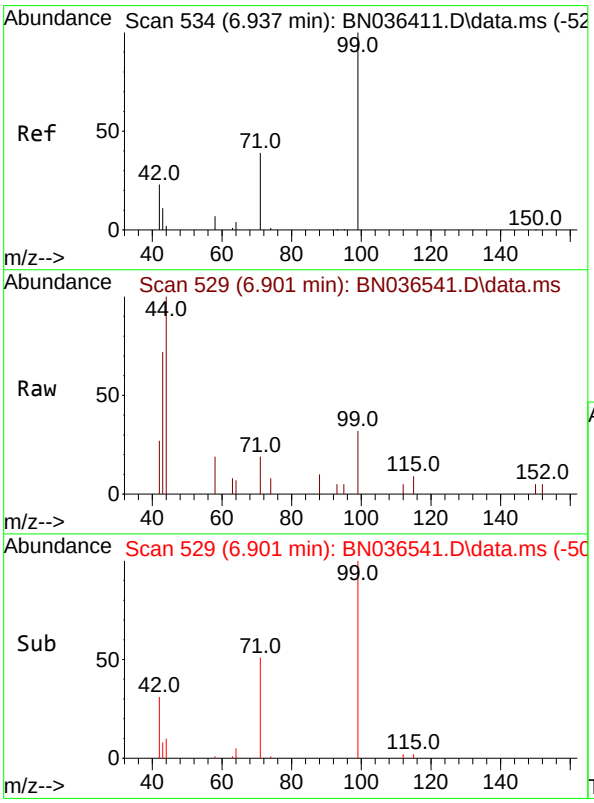
#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.319 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:112 Resp: 799

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.4	80.0
63	38.4	30.3	45.5

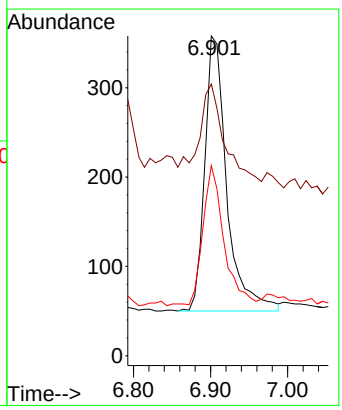


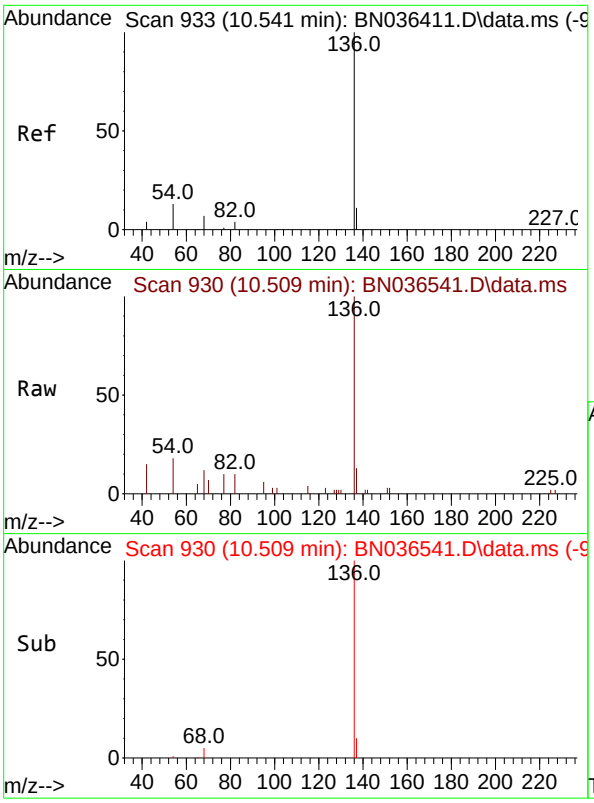


#5
Phenol-d6
Concen: 0.116 ng
RT: 6.901 min Scan# 529
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion: 99 Resp: 611

Ion	Ratio	Lower	Upper
99	100		
42	36.7	21.7	32.5#
71	46.5	32.6	49.0



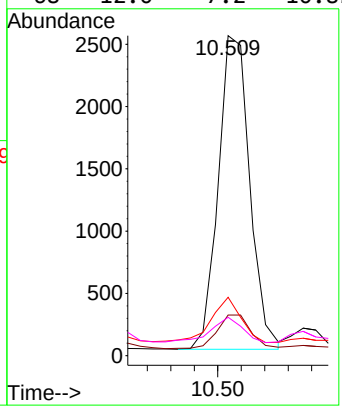


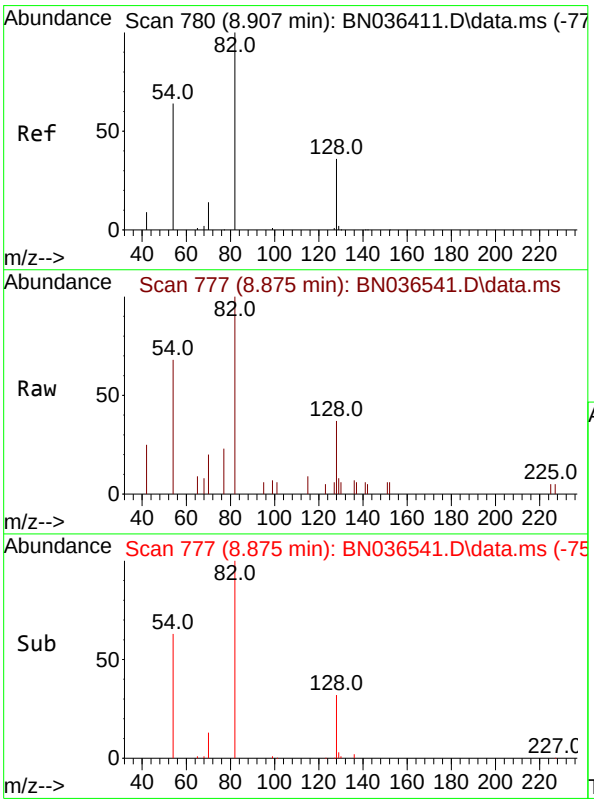
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:136 Resp: 4686

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.1	15.1
54	18.3	11.8	17.6#
68	12.0	7.2	10.8#

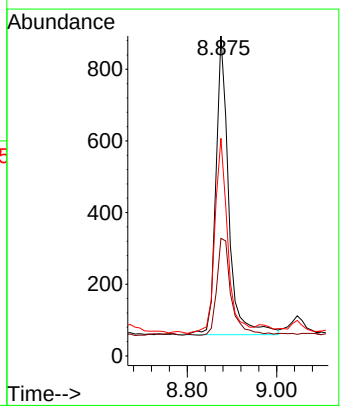


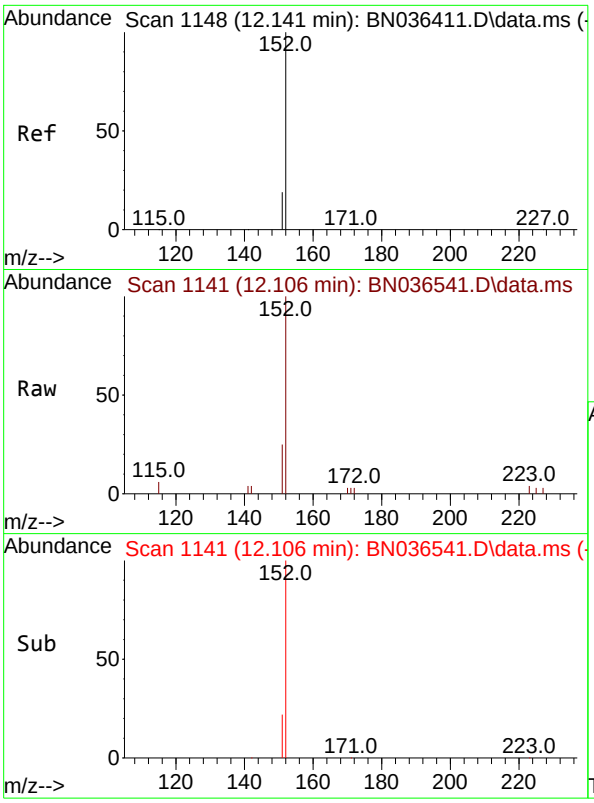


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion: 82 Resp: 1664

Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.9	47.9
54	68.0	53.1	79.7



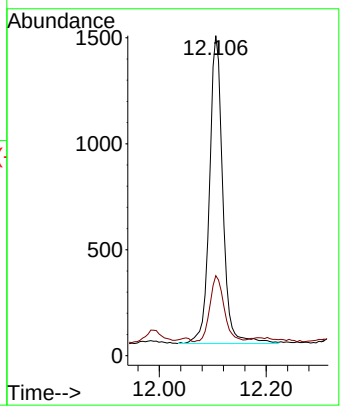


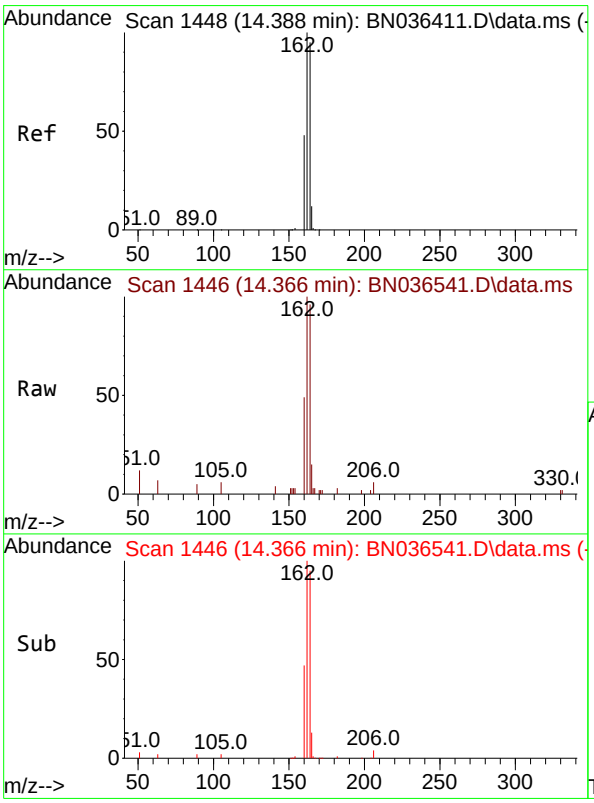
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:152 Resp: 2516

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.6	25.0

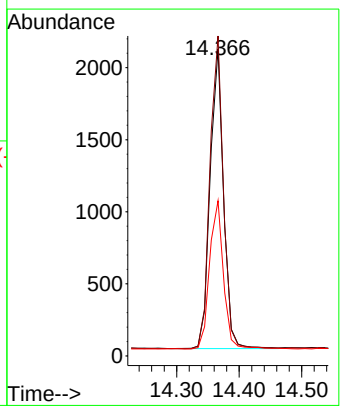


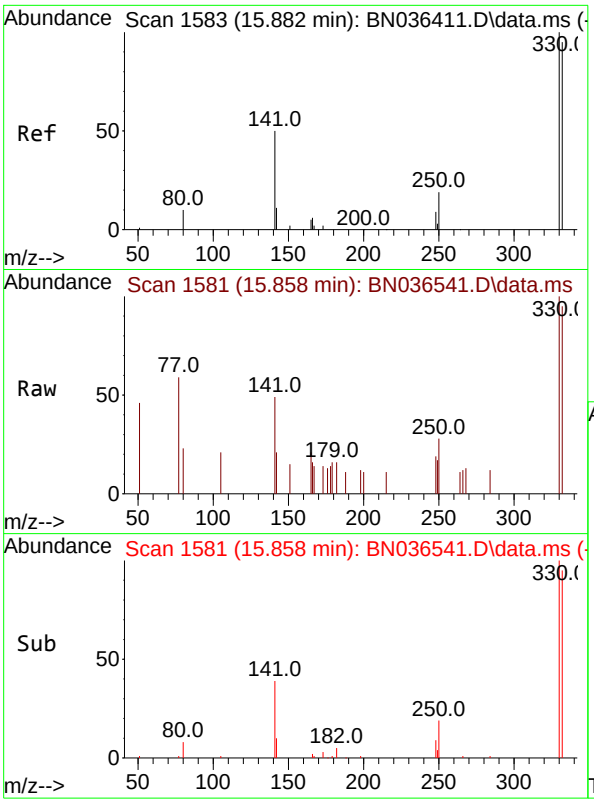


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:164 Resp: 3090

Ion	Ratio	Lower	Upper
164	100		
162	104.2	84.1	126.1
160	50.5	41.4	62.0



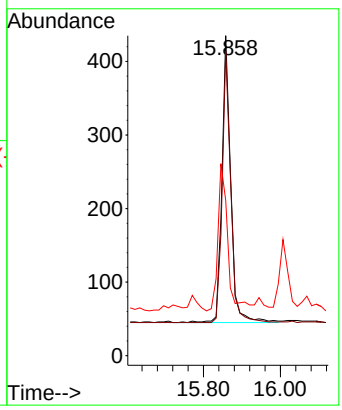


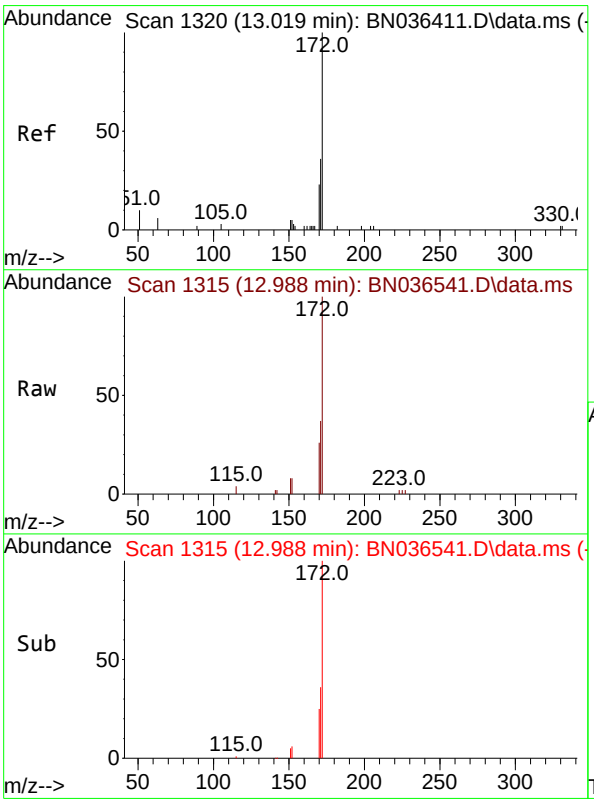
#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.858 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:330 Resp: 627

Ion	Ratio	Lower	Upper
330	100		
332	91.2	76.6	114.8
141	55.7	37.8	56.8

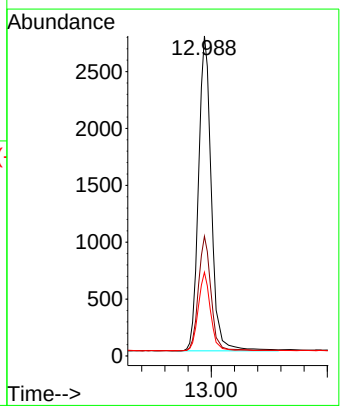


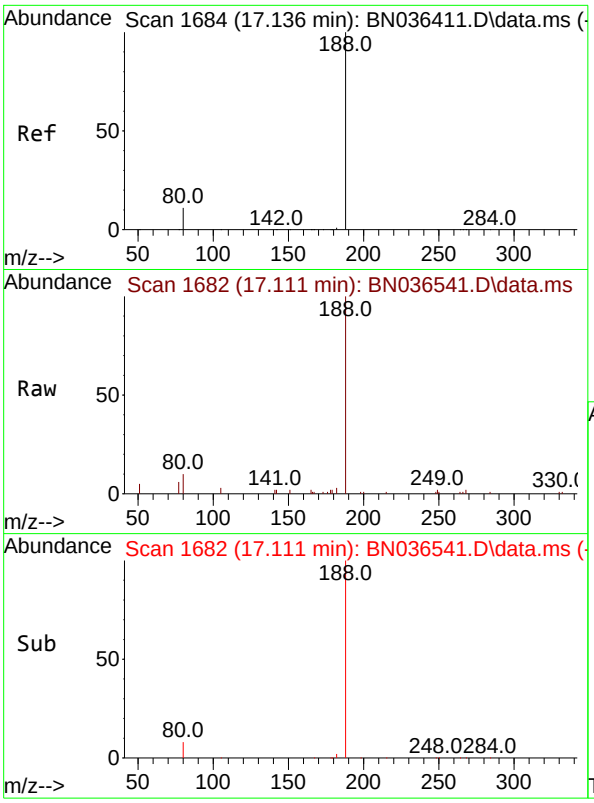


#15
2-Fluorobiphenyl
Concen: 0.520 ng
RT: 12.988 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:172 Resp: 6038

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	26.2	19.8	29.6



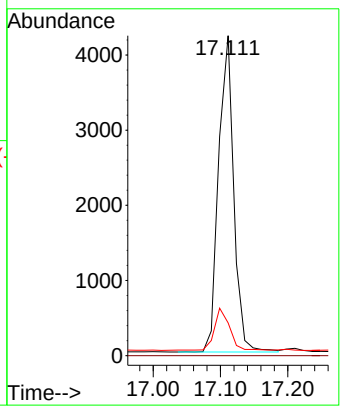


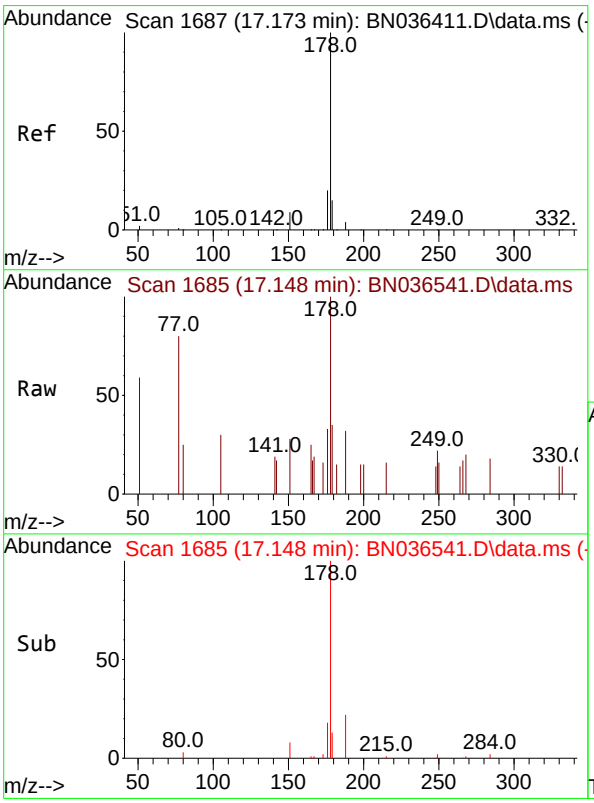
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:188 Resp: 6573

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	9.8	14.6

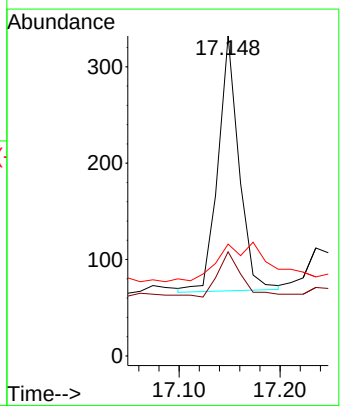


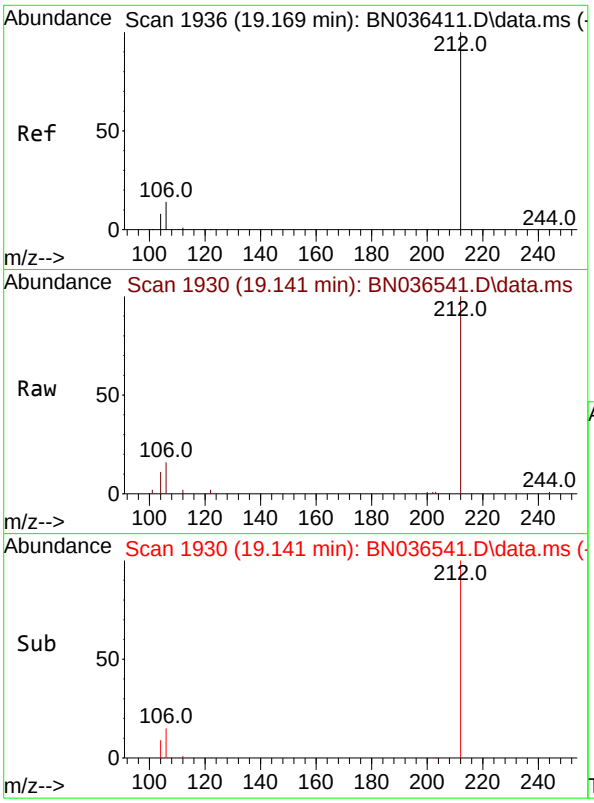


#25
Phenanthrene
Concen: 0.020 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:178 Resp: 382

Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.7	23.5
179	0.0	12.4	18.6#



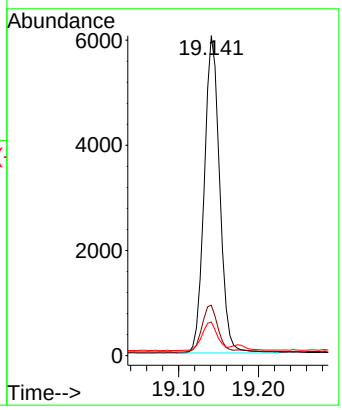


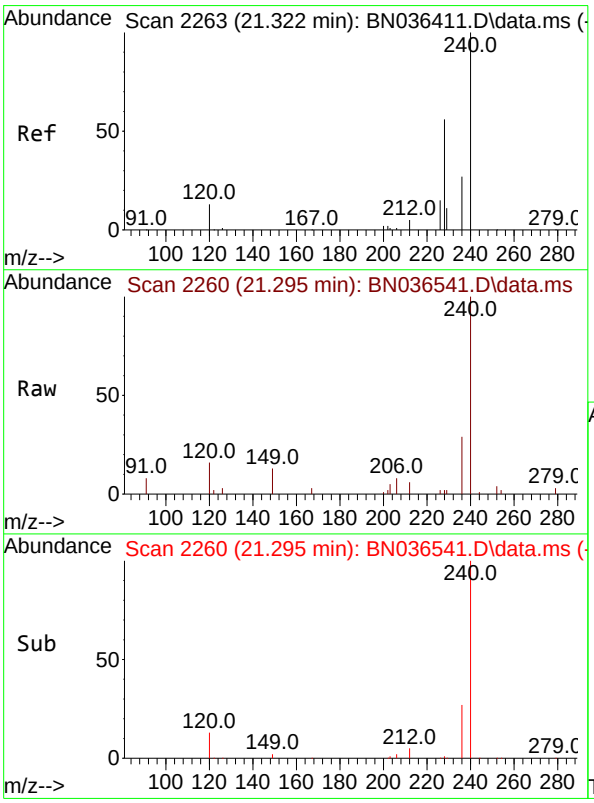
#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.141 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:212 Resp: 8065

Ion	Ratio	Lower	Upper
212	100		
106	16.4	11.5	17.3
104	9.2	7.1	10.7

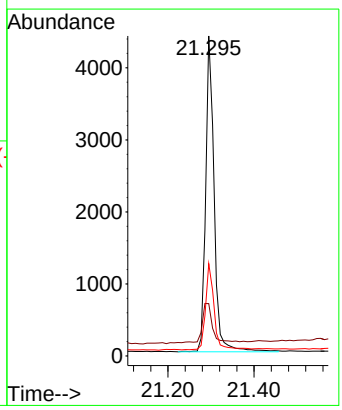


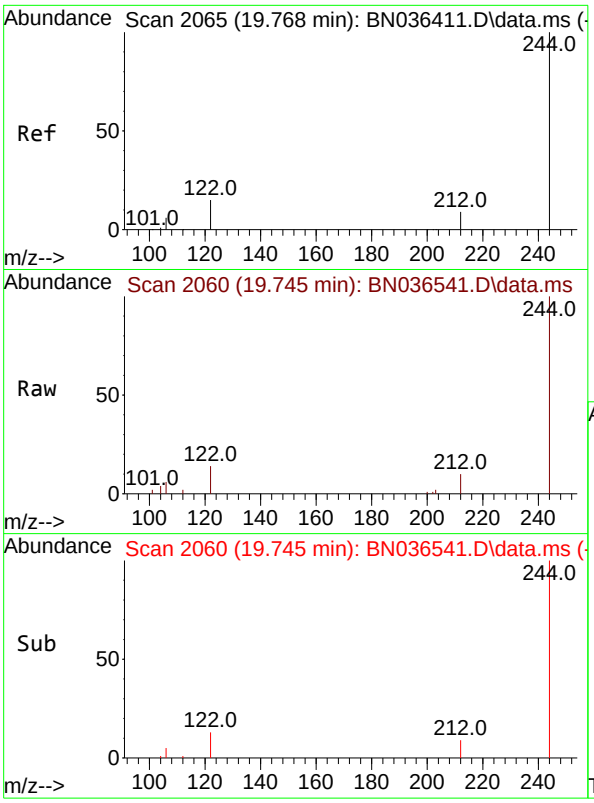


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:240 Resp: 6013

Ion	Ratio	Lower	Upper
240	100		
120	16.4	13.3	19.9
236	28.9	23.0	34.6



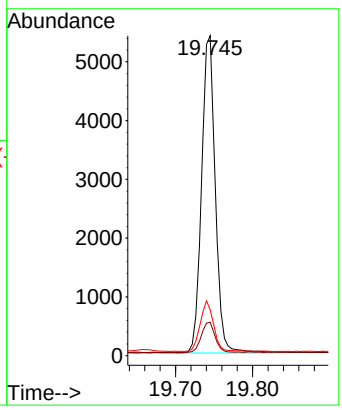


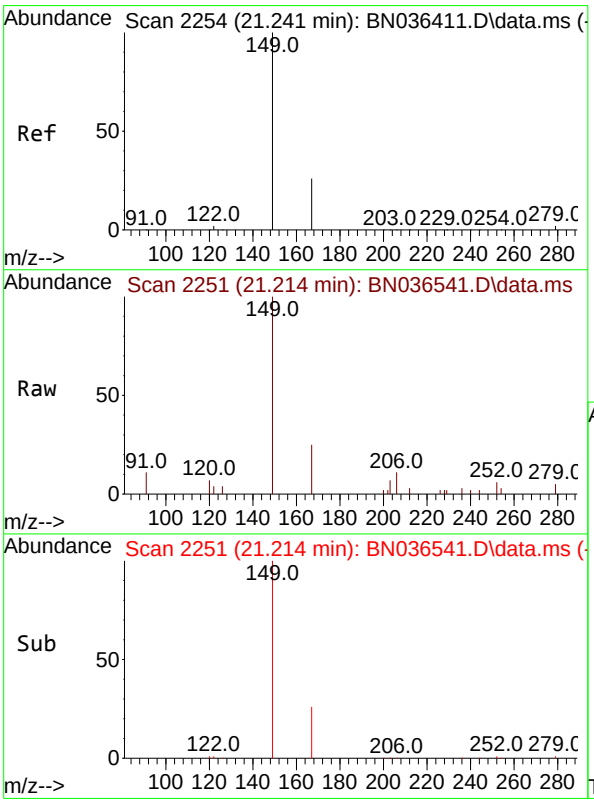
#31
Terphenyl-d14
Concen: 0.521 ng
RT: 19.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:244 Resp: 6687

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.1	12.1
122	14.3	12.8	19.2

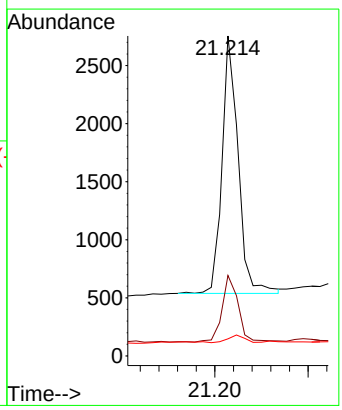


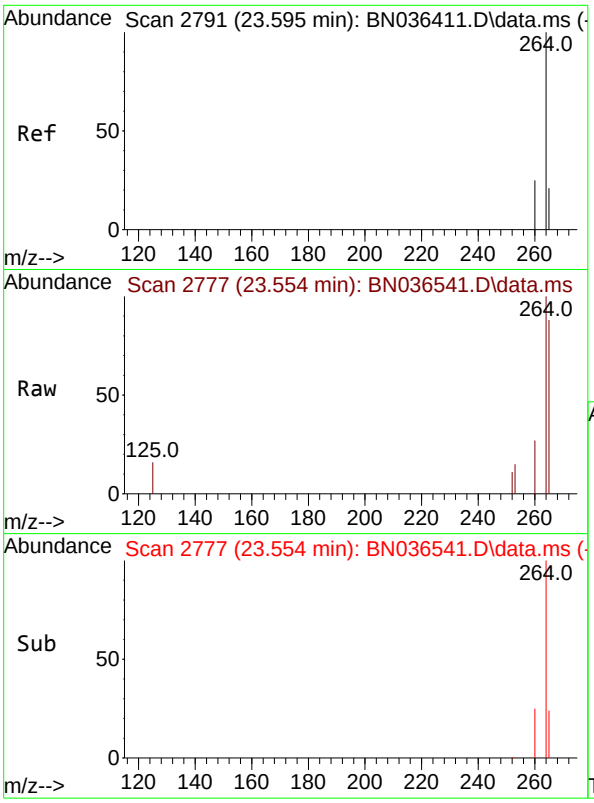


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 21.214 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Tgt Ion:149 Resp: 2648

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.2	31.8
279	3.1	2.7	4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036541.D
Acq: 06 Mar 2025 19:00

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425

Tgt Ion:264 Resp: 5454

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	88.5	60.7	91.1