Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036676.D
Acq On : 18 Mar 2025 01:51
Operator : RC/JU
Sample : Q1582-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Quant Time: Mar 18 02:39:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1725	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4299	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2552	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5075	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3524	0.400	ng	0.00
35) Perylene-d12	23.546	264	2792	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	673	0.167	ng	0.00
5) Phenol-d6	6.887	99	500	0.101	ng	-0.01
8) Nitrobenzene-d5	8.865	82	1390	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1627	0.254	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	428	0.370	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4363	0.294	ng	-0.01
27) Fluoranthene-d10	19.132	212	5552	0.427	ng	0.00
31) Terphenyl-d14	19.736	244	3882	0.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	4735	2.474	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.510	198	3	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	1539	0.176	ng	# 96

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

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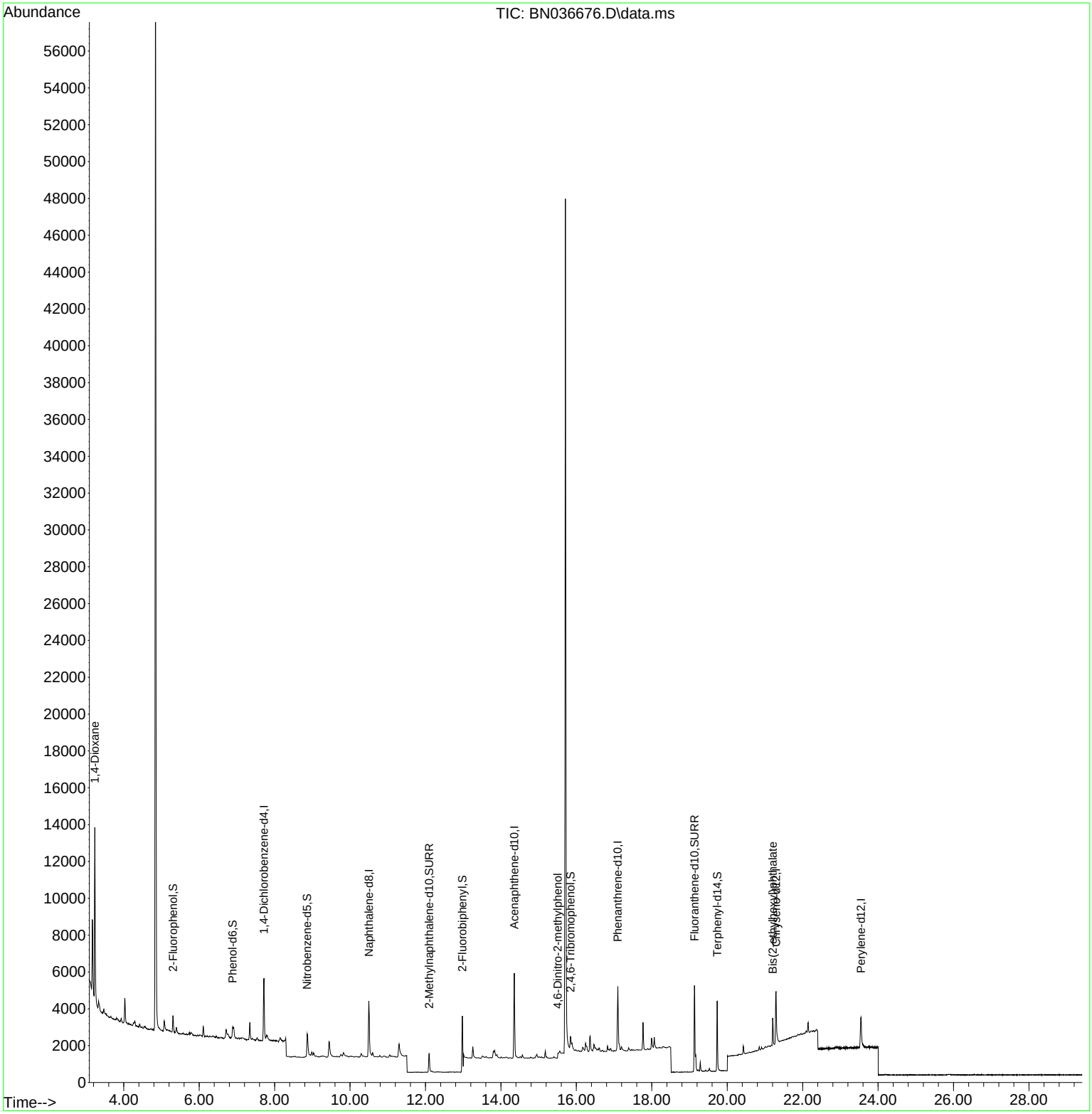
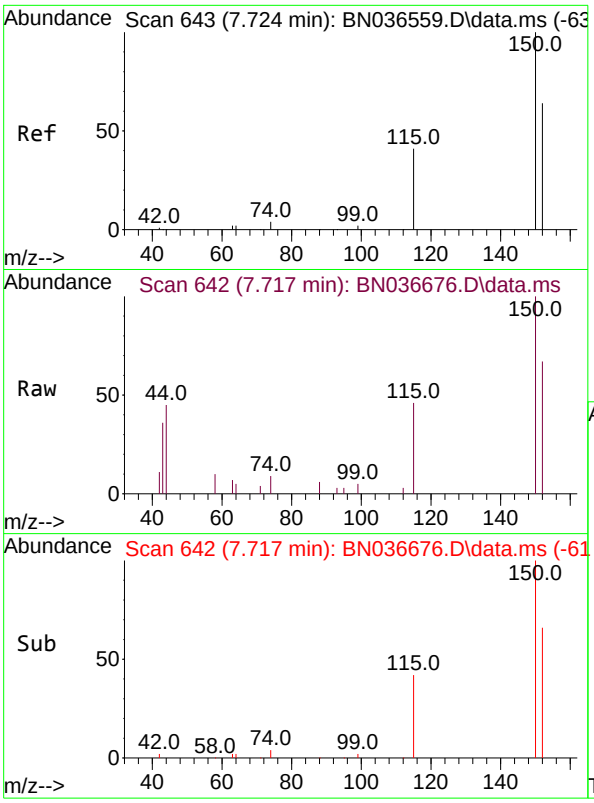


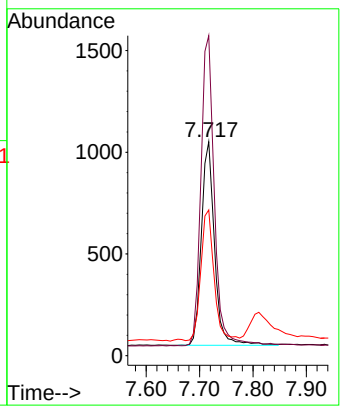


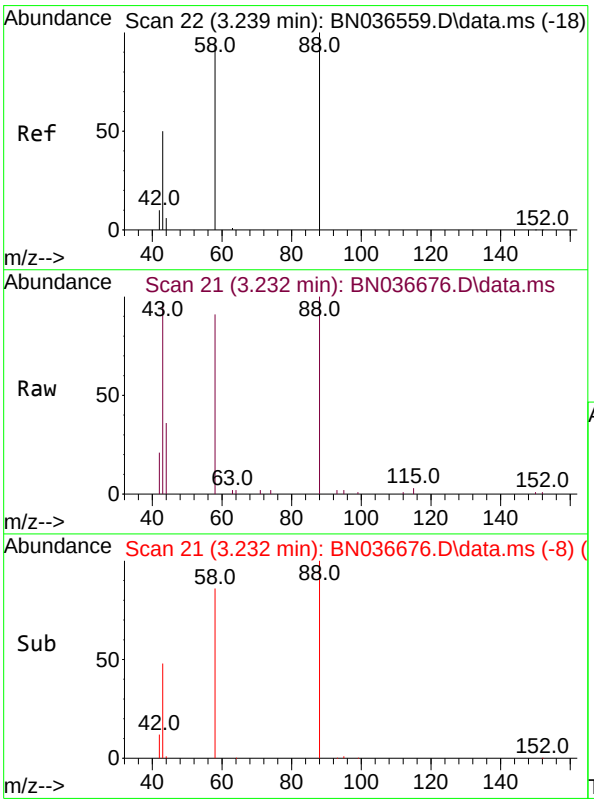
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:152 Resp: 1725

Ion	Ratio	Lower	Upper
152	100		
150	149.5	123.7	185.5
115	68.2	54.3	81.5

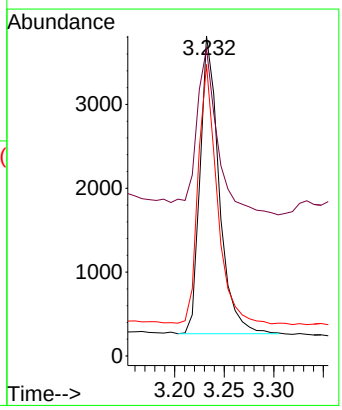


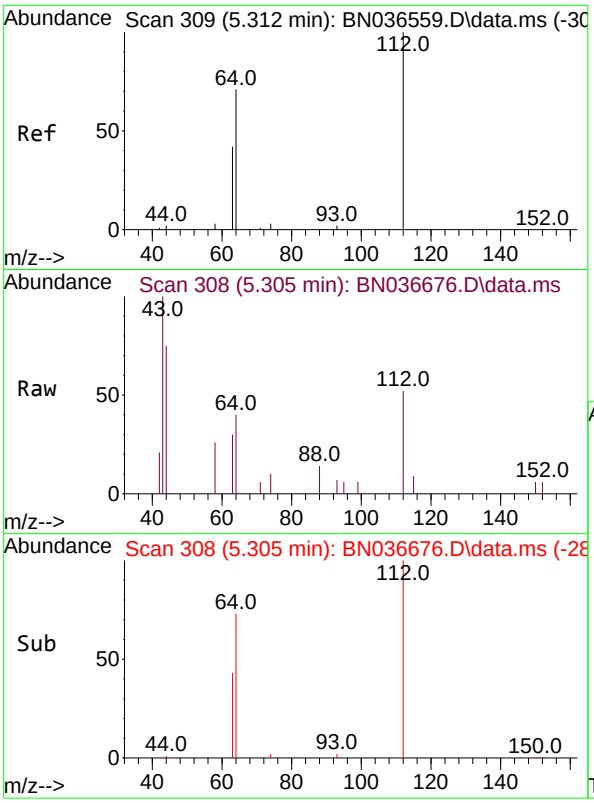


#2
1,4-Dioxane
Concen: 2.474 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion: 88 Resp: 4735

Ion	Ratio	Lower	Upper
88	100		
43	63.3	37.8	56.8#
58	86.7	67.4	101.2



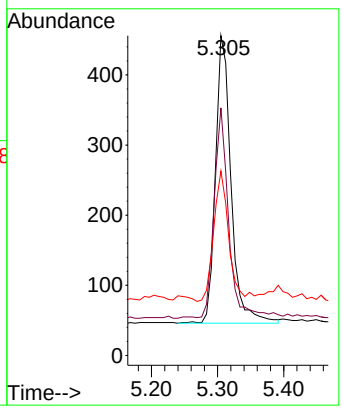


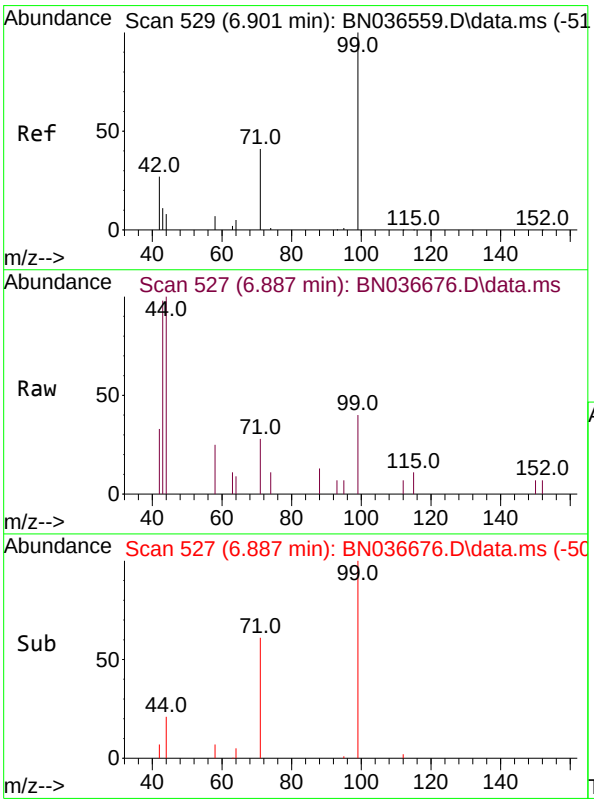
#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.305 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:112 Resp: 673

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.1	79.7
63	44.1	31.8	47.8

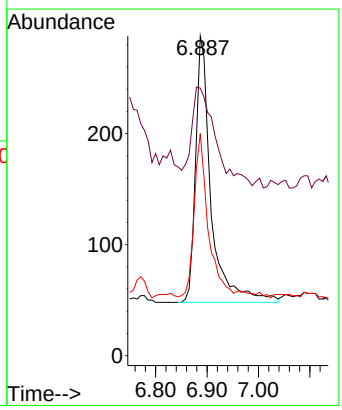


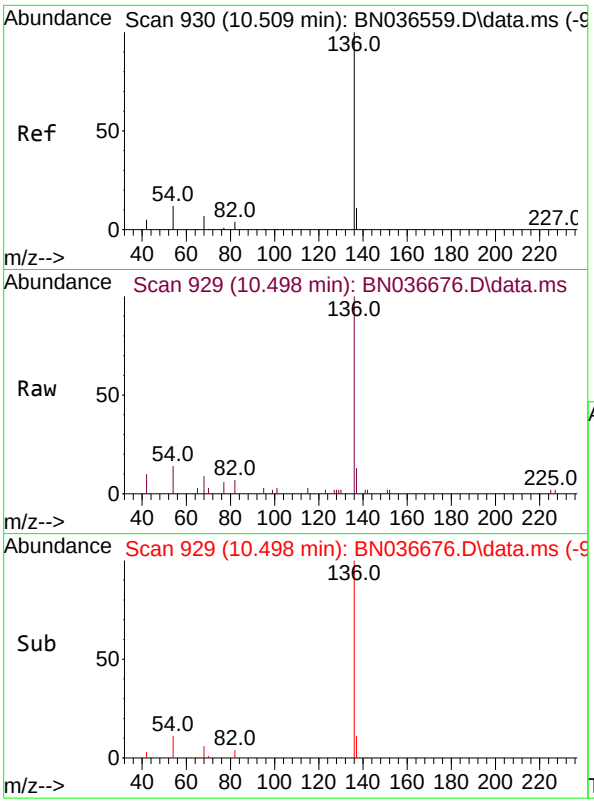


#5
Phenol-d6
Concen: 0.101 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.014 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion: 99 Resp: 500

Ion	Ratio	Lower	Upper
99	100		
42	57.2	26.5	39.7#
71	55.0	34.1	51.1#



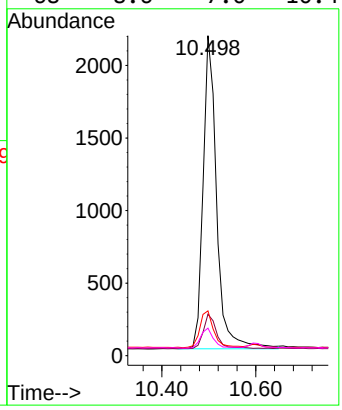


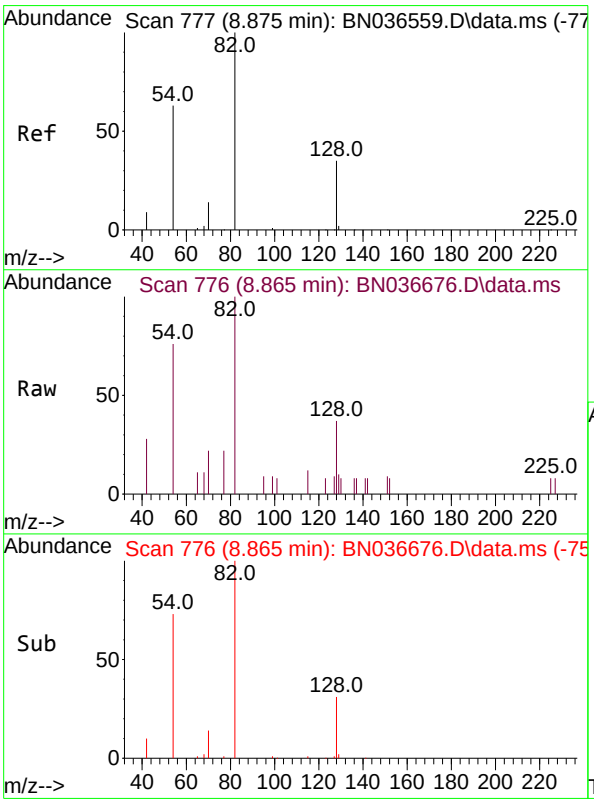
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:136 Resp: 4299

Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	14.0	11.5	17.3
68	8.6	7.0	10.4

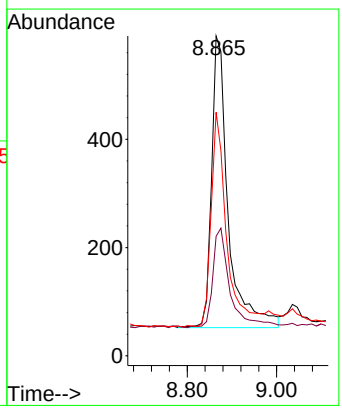


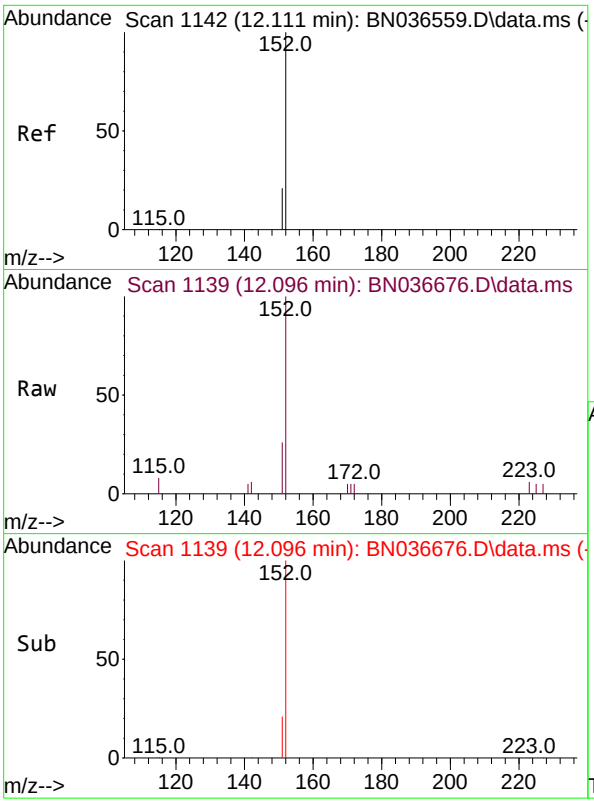


#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion: 82 Resp: 1390

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.6	45.8
54	76.1	52.2	78.4



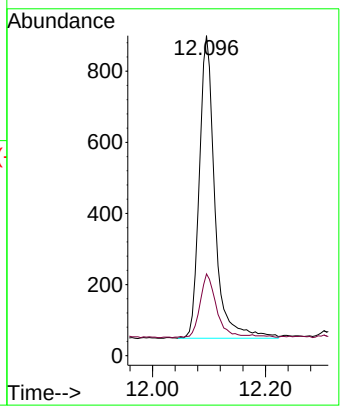


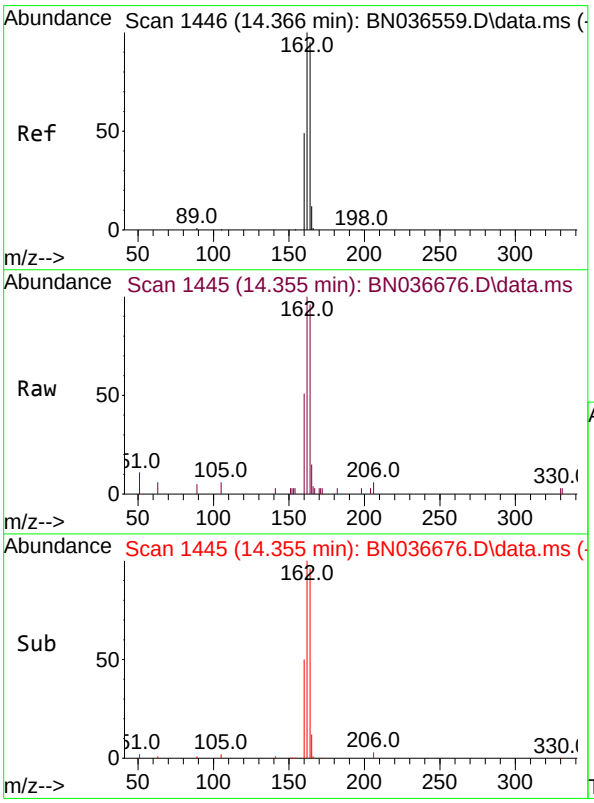
#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.096 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:152 Resp: 1627

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.0	25.6

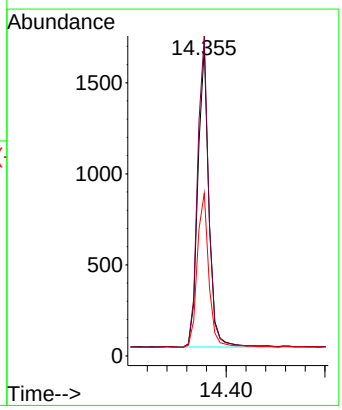


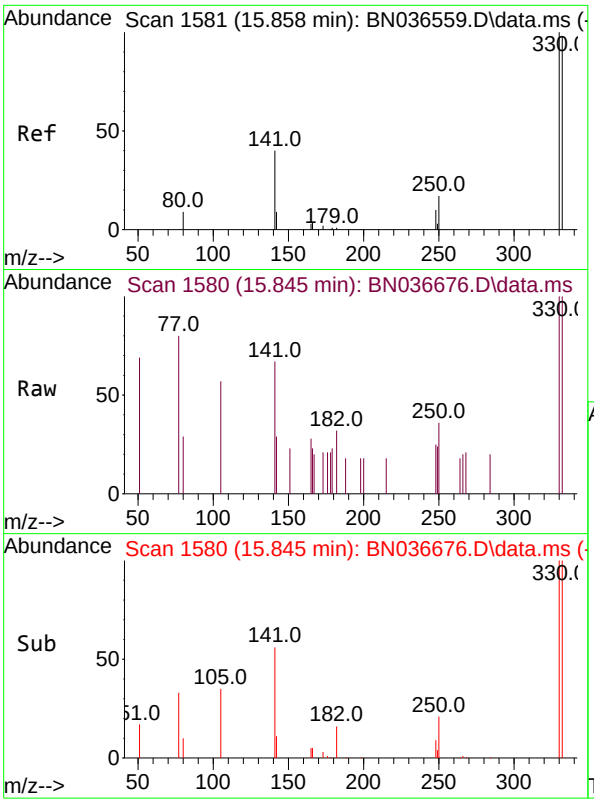


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion:164 Resp: 2552

Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.2	126.2
160	52.7	42.2	63.2



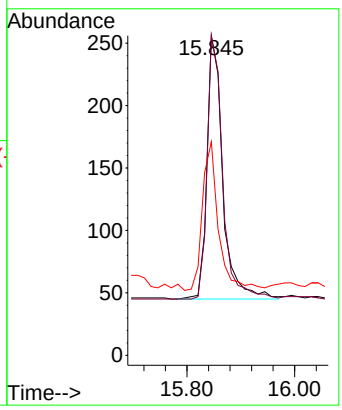


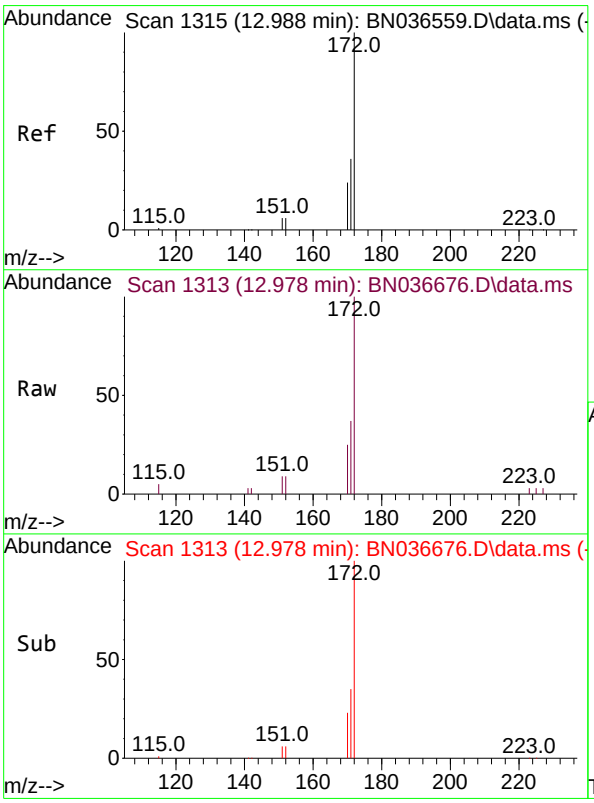
#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:330 Resp: 428

Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.2	112.8
141	57.7	43.4	65.2

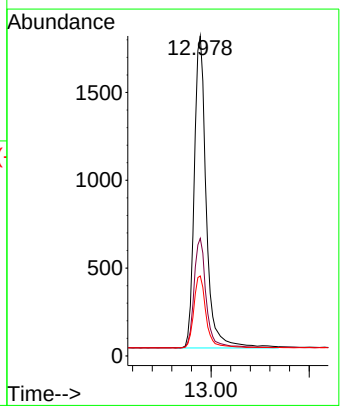


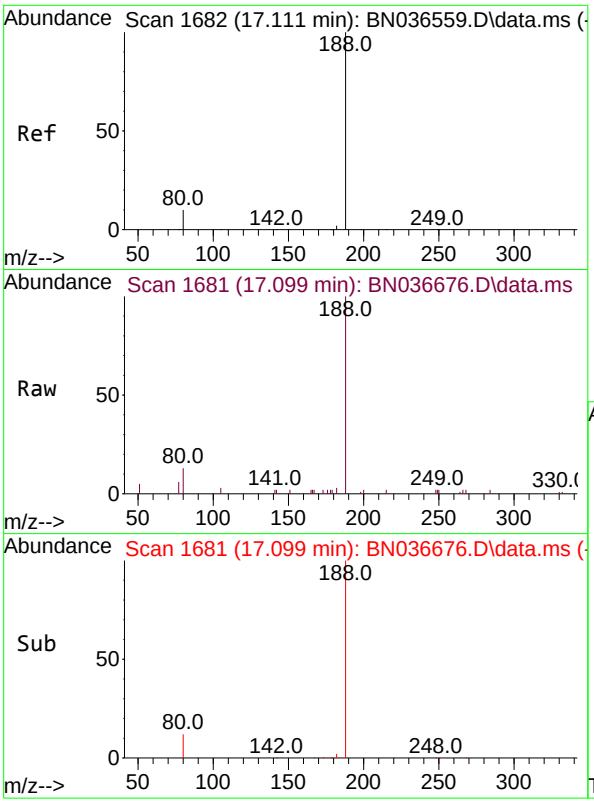


#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion:172 Resp: 4363

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	25.0	20.2	30.4



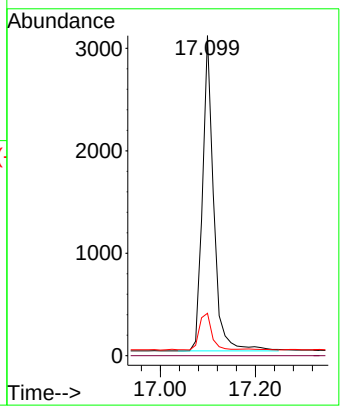


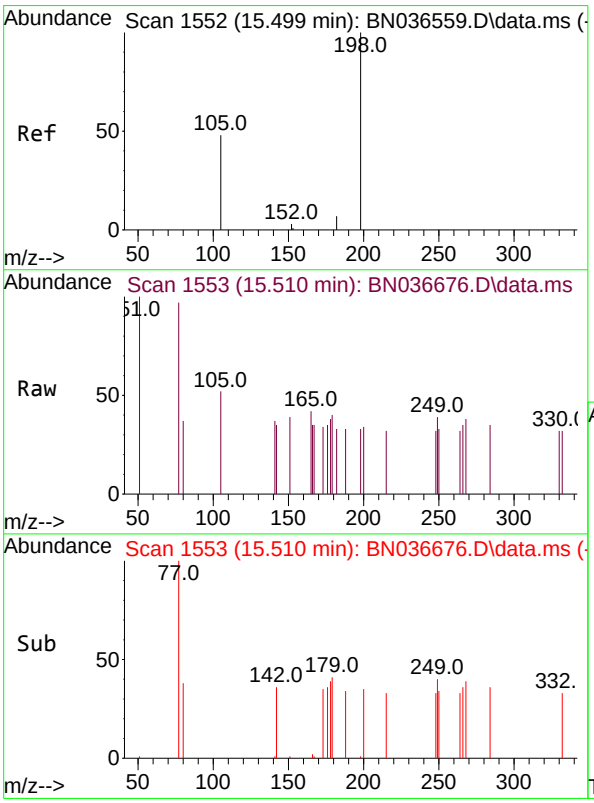
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:188 Resp: 5075

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	8.8	13.2#

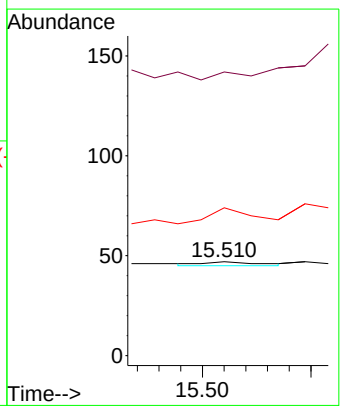


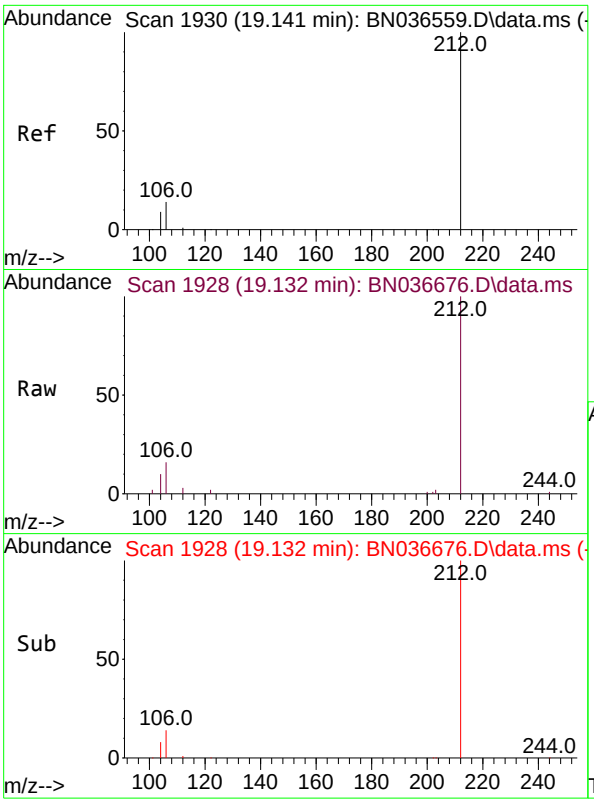


#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	302.1	107.9	161.9#
105	157.4	56.2	84.2#



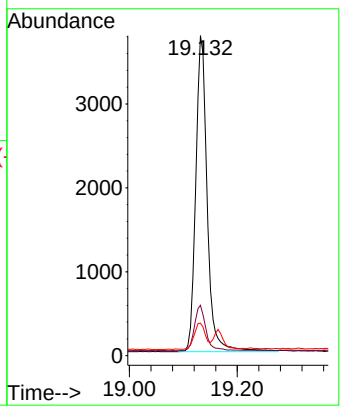


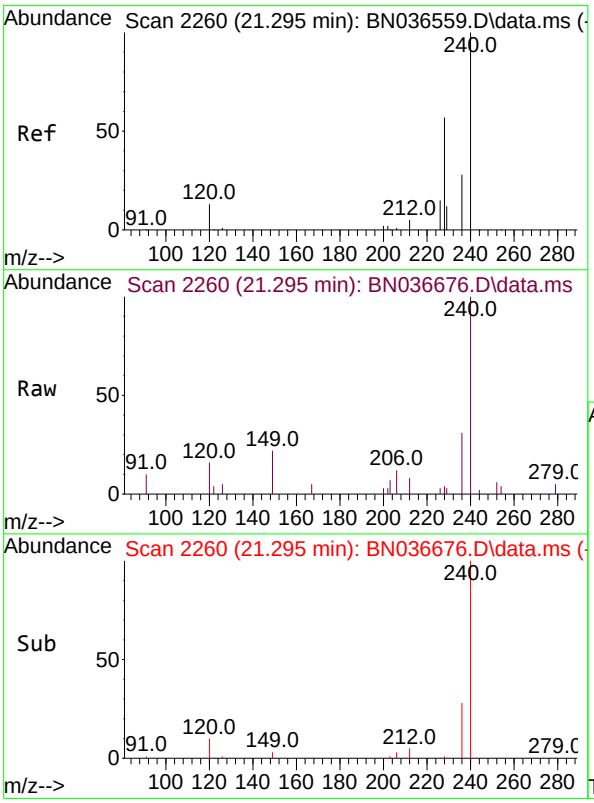
#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.132 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:212 Resp: 5552

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.8	17.6
104	8.3	7.3	10.9

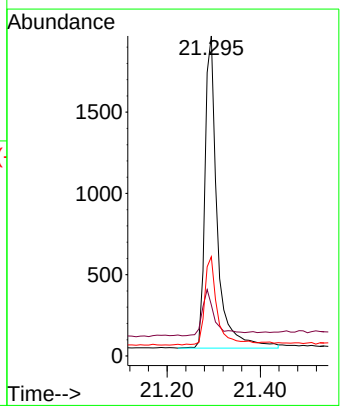


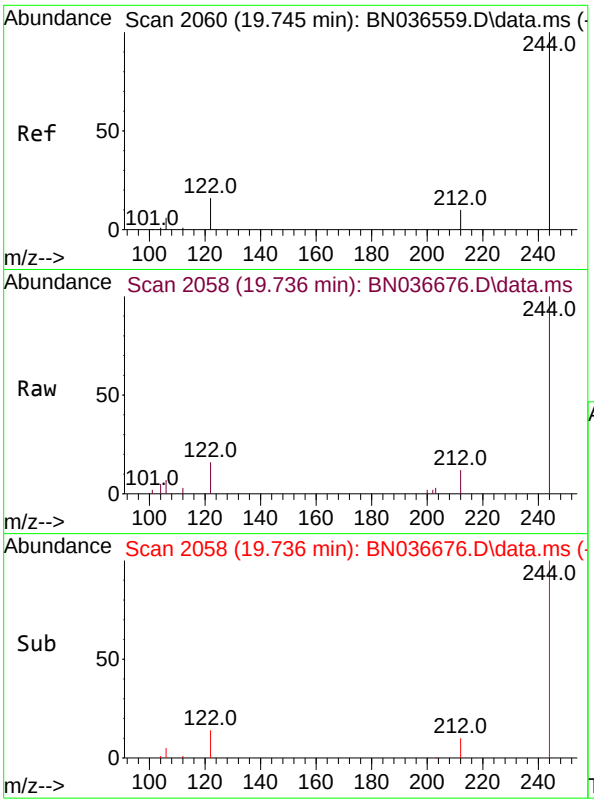


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion:240 Resp: 3524

Ion	Ratio	Lower	Upper
240	100		
120	15.9	14.6	22.0
236	31.0	24.1	36.1



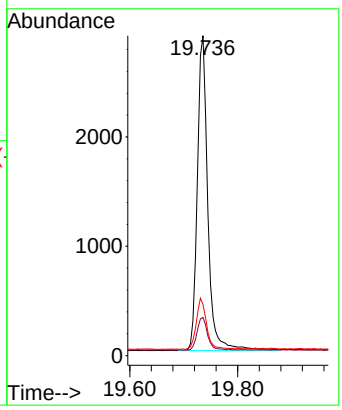


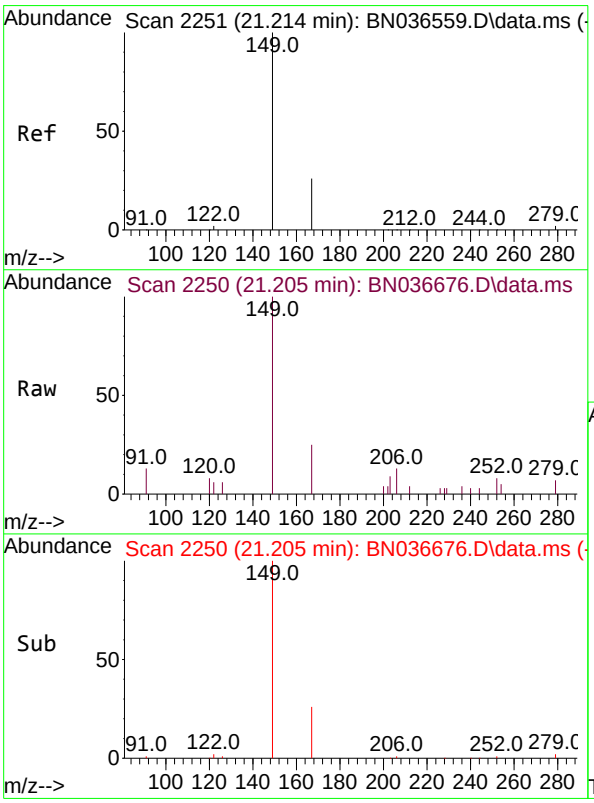
#31
Terphenyl-d14
Concen: 0.460 ng
RT: 19.736 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:244 Resp: 3882

Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.6	14.4
122	16.0	13.9	20.9

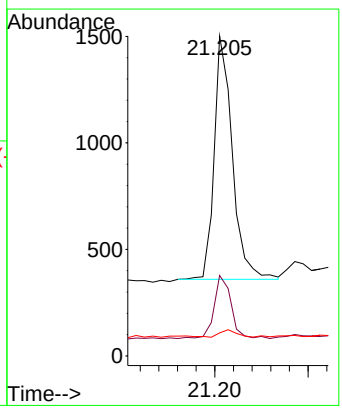


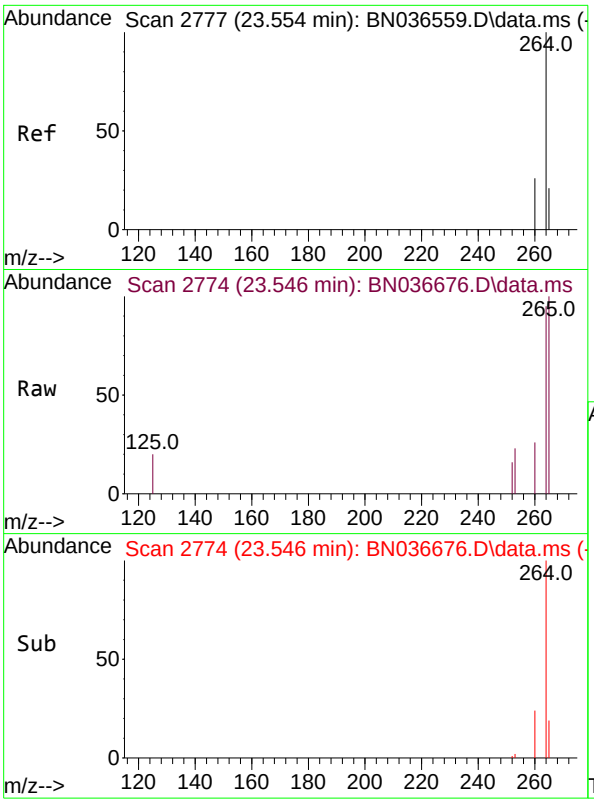


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.176 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Tgt Ion:149 Resp: 1539

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.7	31.1
279	2.7	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036676.D
Acq: 18 Mar 2025 01:51

Instrument :
BNA_N
ClientSampleId :
TT191D1-20250314

Tgt Ion:264 Resp: 2792

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.6	33.8
265	105.1	88.1	132.1