Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036619.D
Acq On : 14 Mar 2025 22:54
Operator : RC/JU
Sample : Q1559-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Quant Time: Mar 14 23:33:44 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	2414	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5297	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2888	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	4994	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3157	0.400	ng	0.00
35) Perylene-d12	23.546	264	2862	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	923	0.164	ng	0.00
5) Phenol-d6	6.901	99	601	0.086	ng	0.00
8) Nitrobenzene-d5	8.875	82	1950	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2707	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	407	0.311	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5899	0.351	ng	0.00
27) Fluoranthene-d10	19.136	212	4838	0.378	ng	0.00
31) Terphenyl-d14	19.740	244	3295	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	328	0.122	ng	# 64
3) n-Nitrosodimethylamine	3.514	42	160	0.030	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.425	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	594	0.076	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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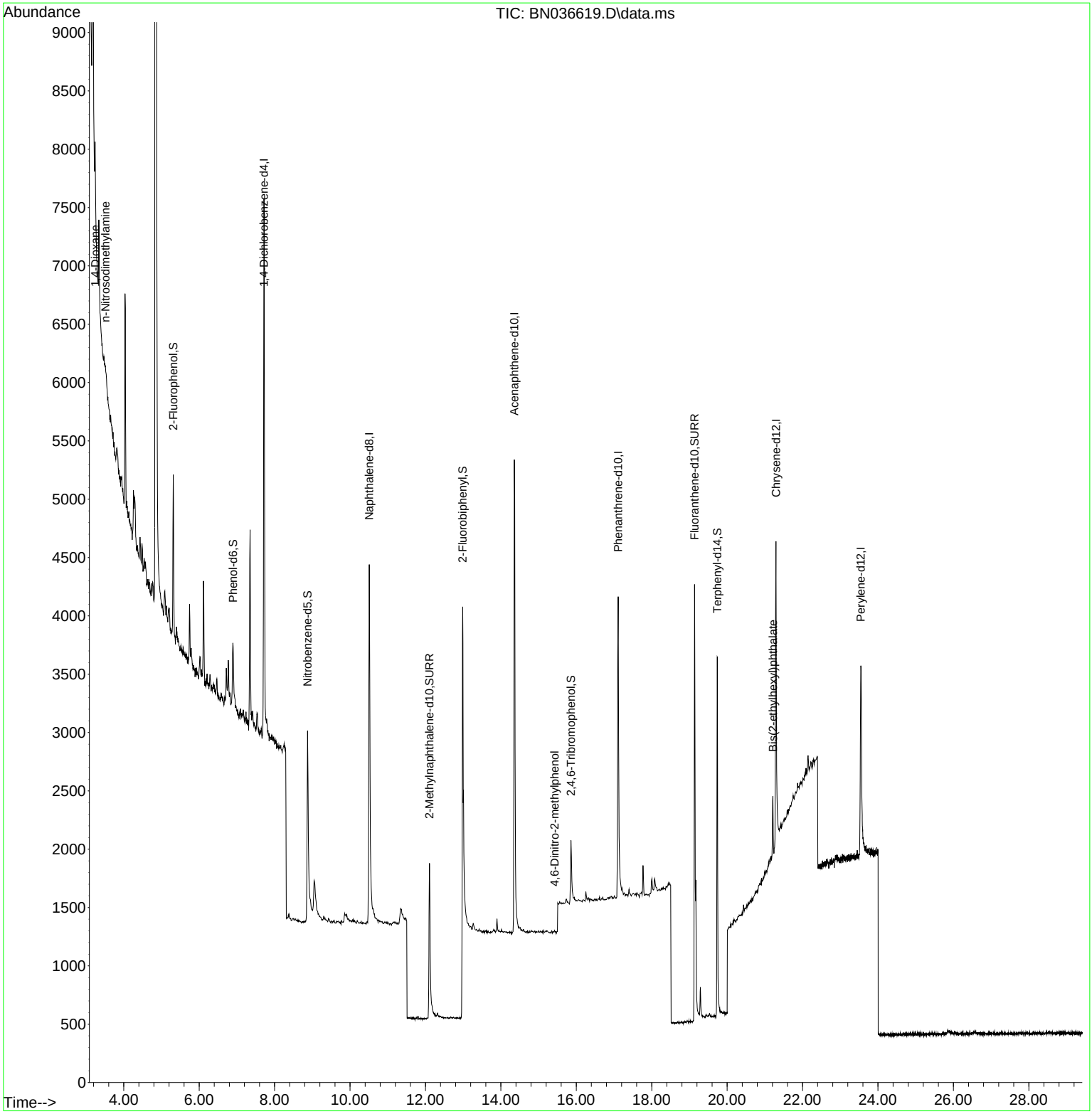
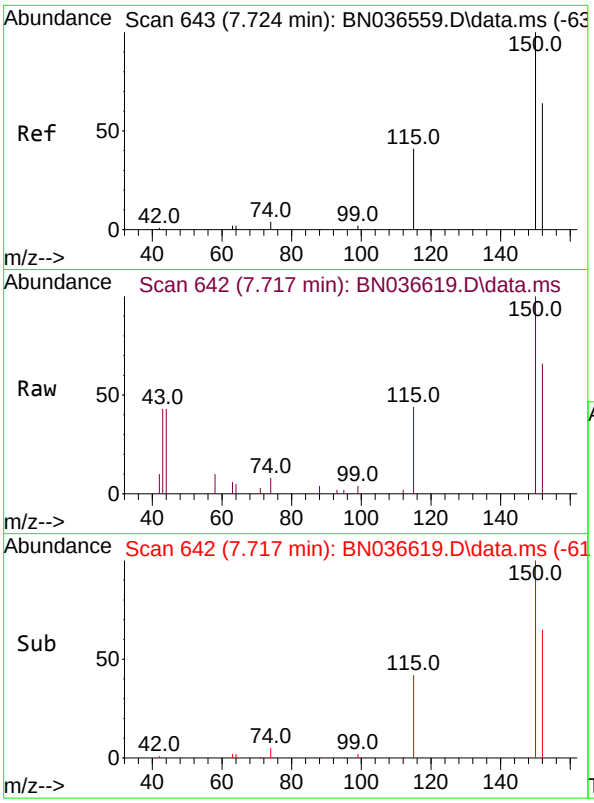


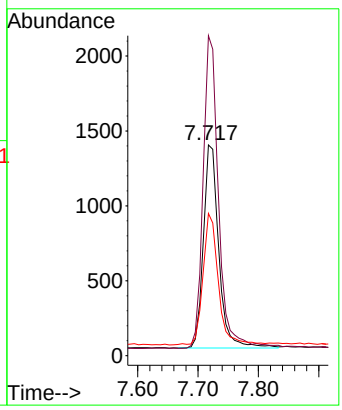


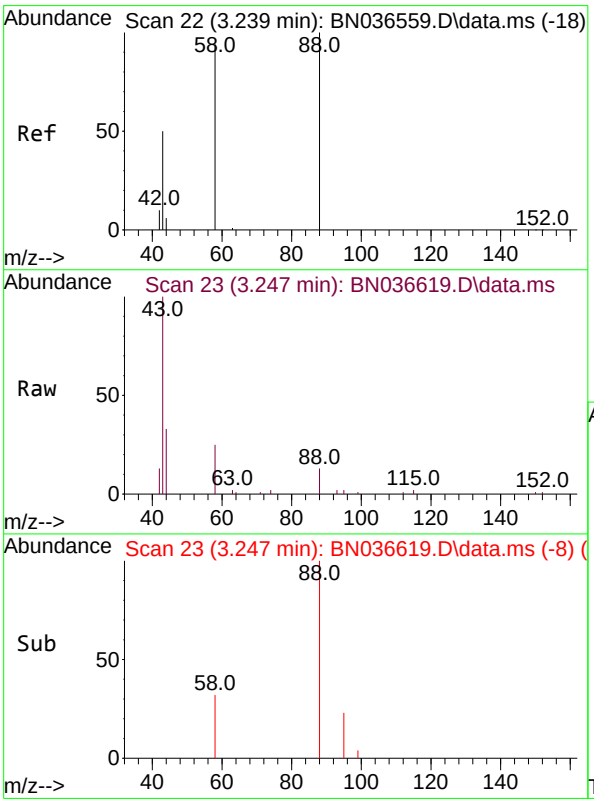
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion:152 Resp: 2414

Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.7	185.5
115	67.4	54.3	81.5

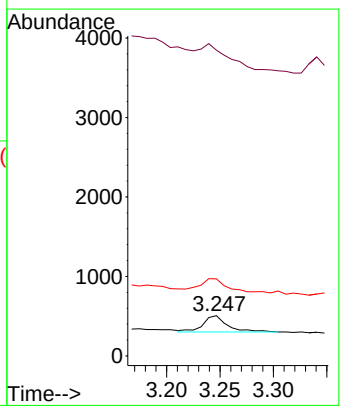


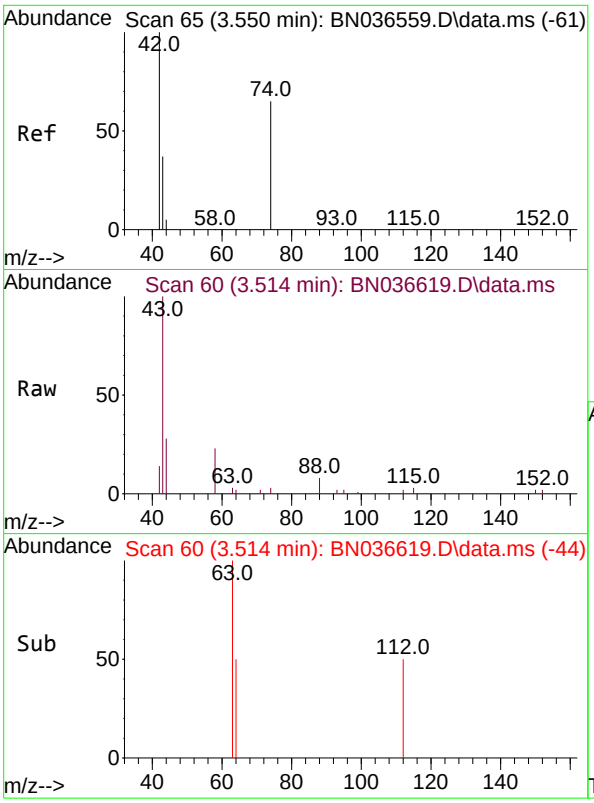


#2
1,4-Dioxane
Concen: 0.122 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.008 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion: 88 Resp: 328

Ion	Ratio	Lower	Upper
88	100		
43	0.0	37.8	56.8#
58	99.1	67.4	101.2



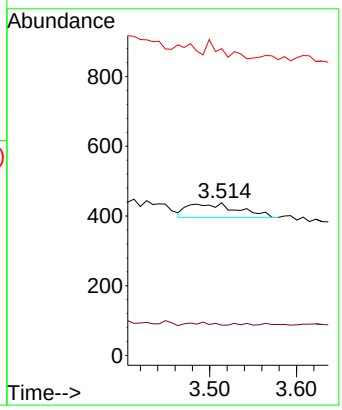


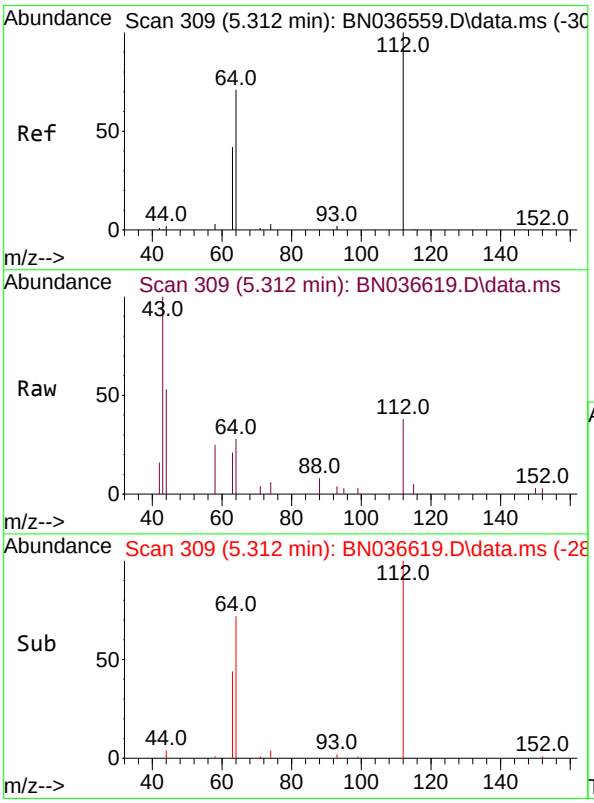
#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.514 min Scan# 6
Delta R.T. -0.036 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion: 42 Resp: 160

Ion	Ratio	Lower	Upper
42	100		
74	3.8	60.6	90.8#
44	0.0	6.3	9.5#

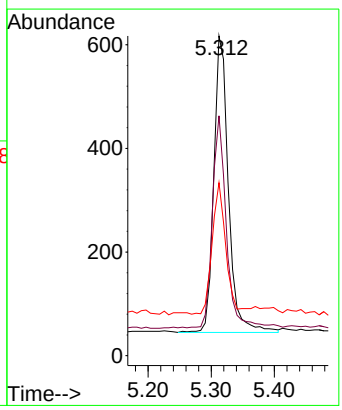


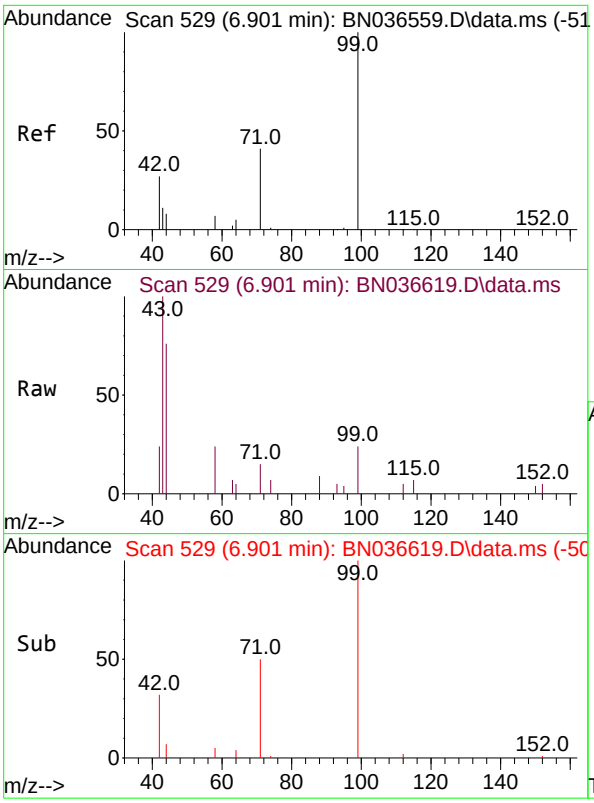


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:112 Resp: 923

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	41.1	31.8	47.8



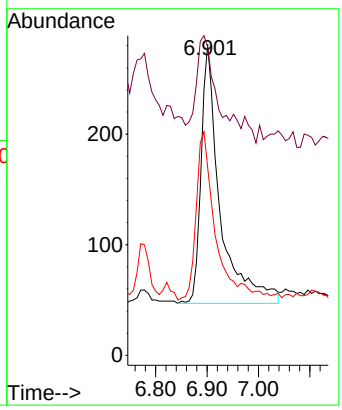


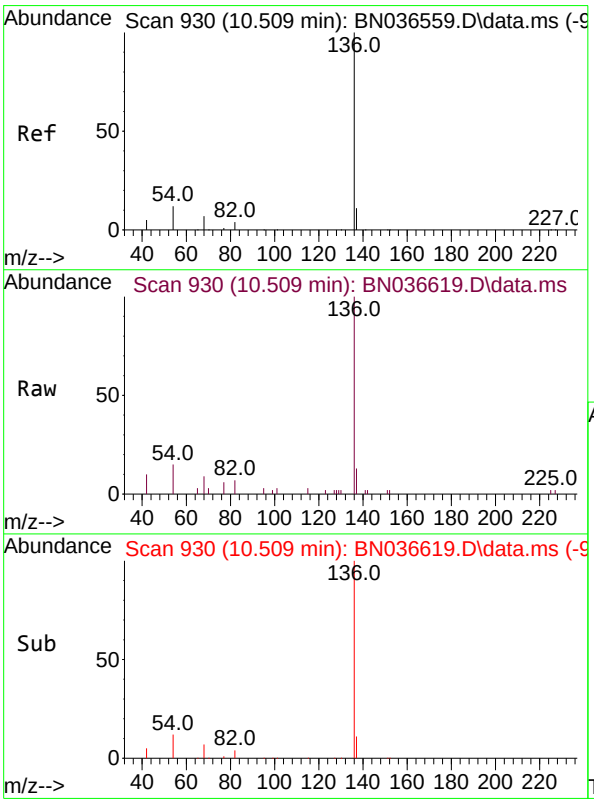
#5
Phenol-d6
Concen: 0.086 ng
RT: 6.901 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion: 99 Resp: 601

Ion	Ratio	Lower	Upper
99	100		
42	34.9	26.5	39.7
71	67.6	34.1	51.1#

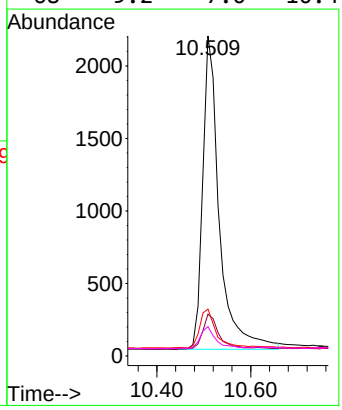


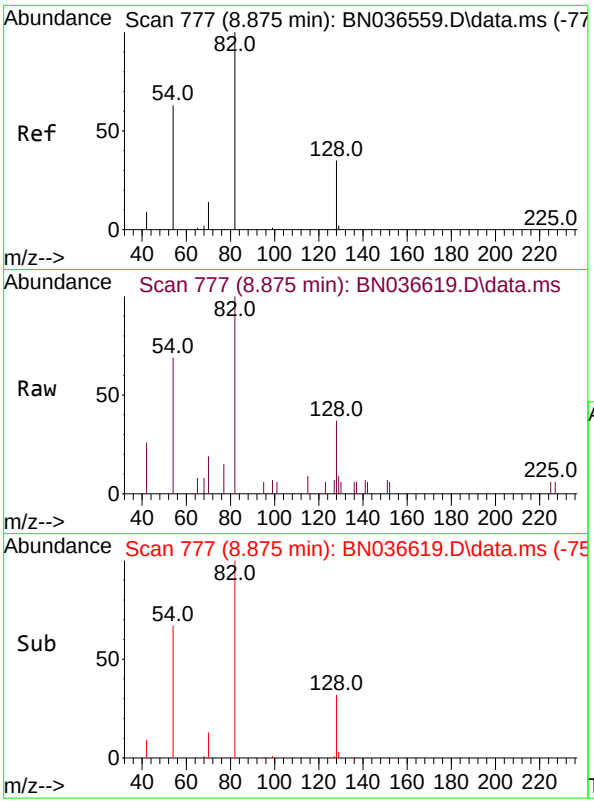


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:136 Resp: 5297

Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.3	15.5
54	14.7	11.5	17.3
68	9.2	7.0	10.4



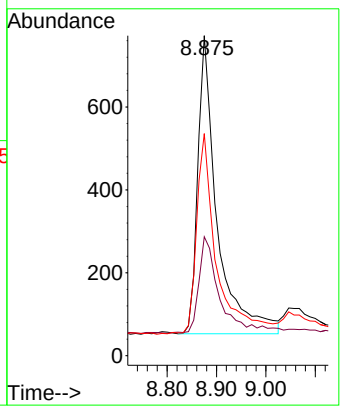


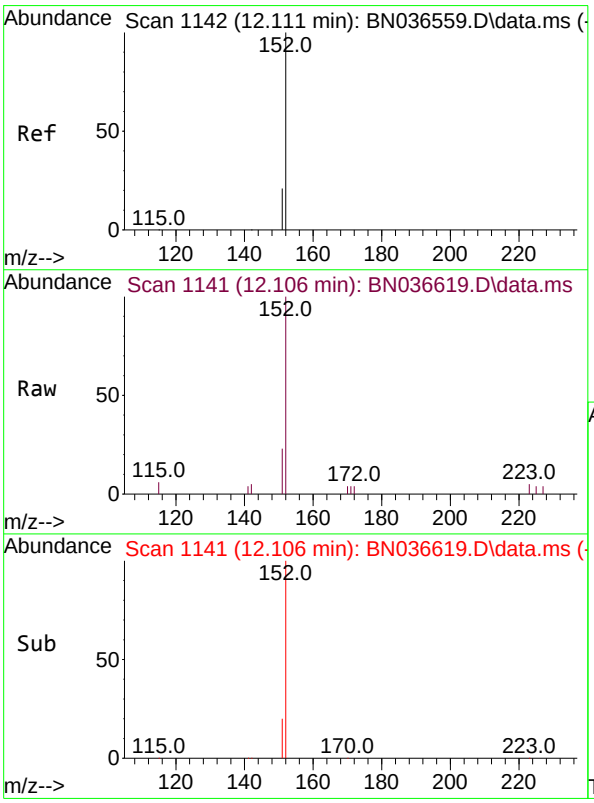
#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion: 82 Resp: 1950

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.6	45.8
54	69.4	52.2	78.4

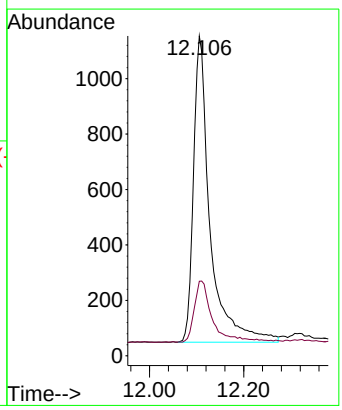


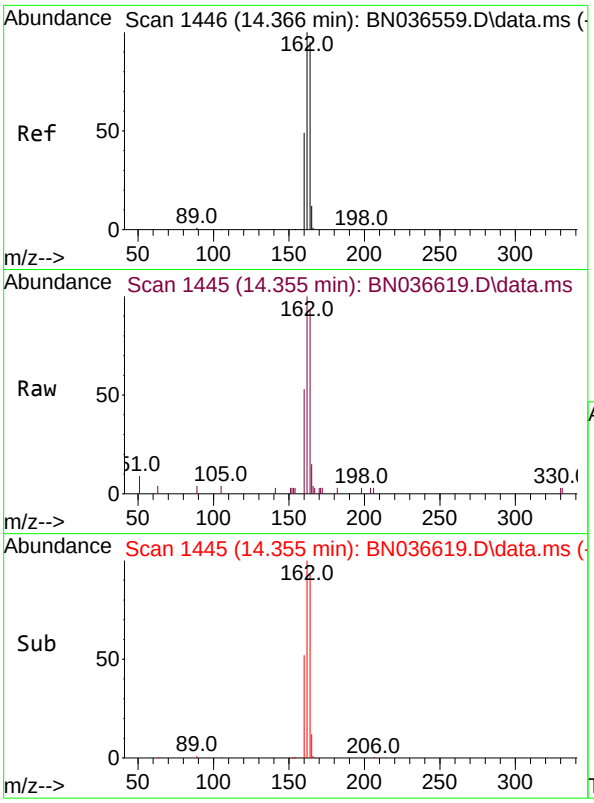


#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:152 Resp: 2707

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.6



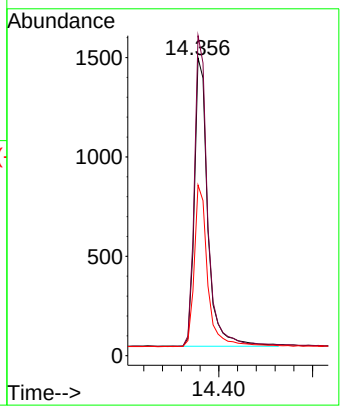


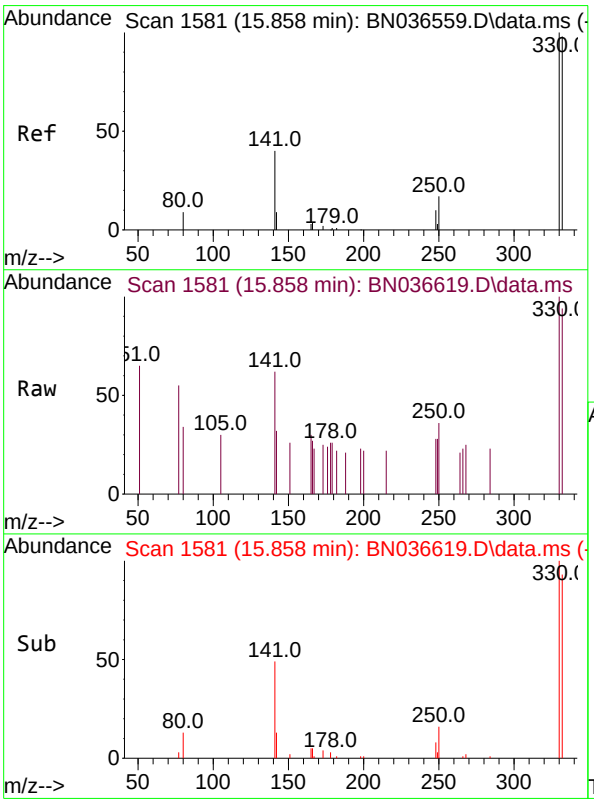
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion:164 Resp: 2888

Ion	Ratio	Lower	Upper
164	100		
162	107.5	84.2	126.2
160	57.3	42.2	63.2

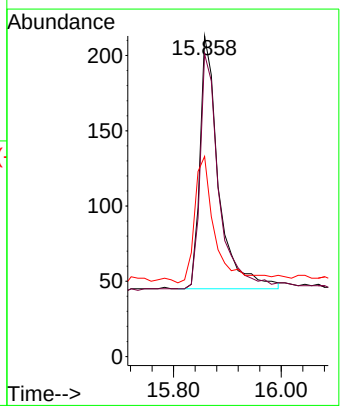


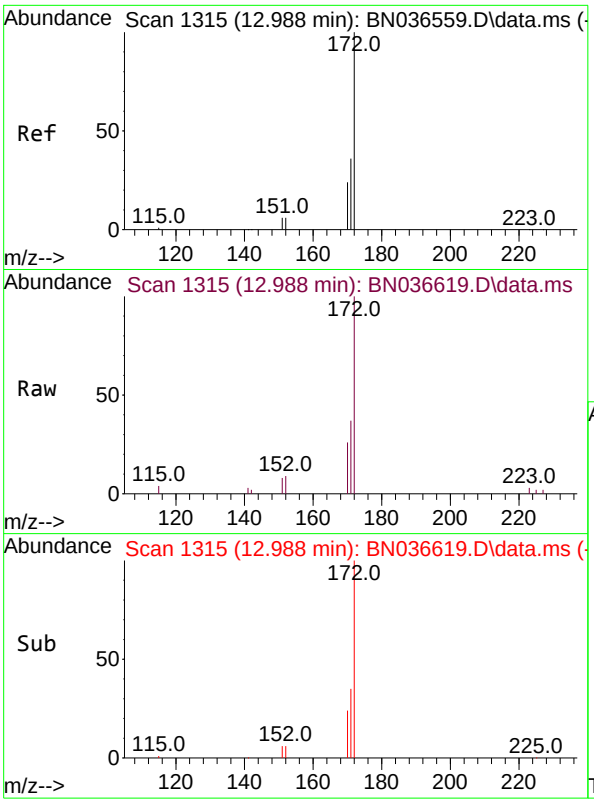


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:330 Resp: 407

Ion	Ratio	Lower	Upper
330	100		
332	93.1	75.2	112.8
141	54.8	43.4	65.2



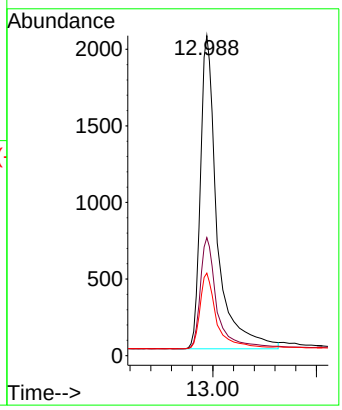


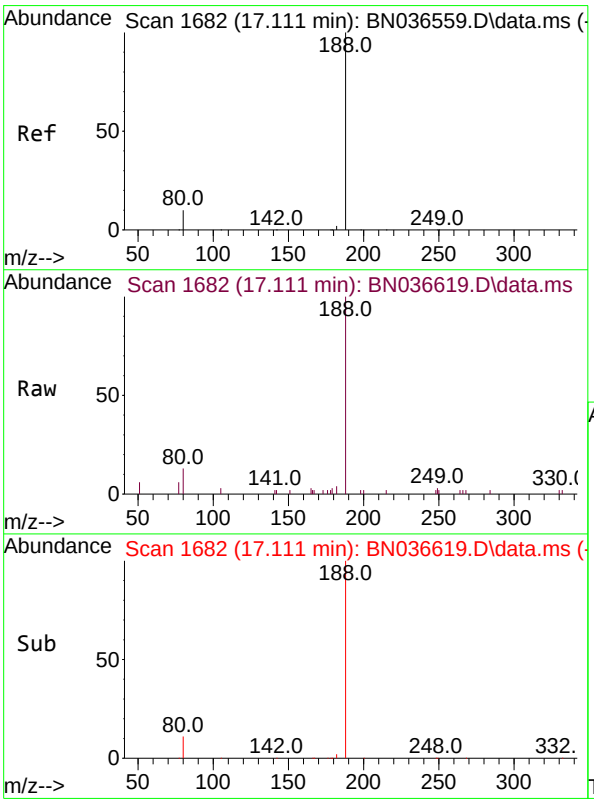
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.988 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion:172 Resp: 5899

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	25.8	20.2	30.4

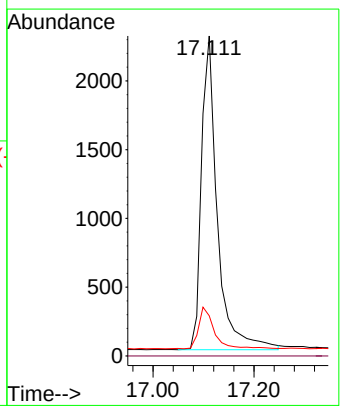


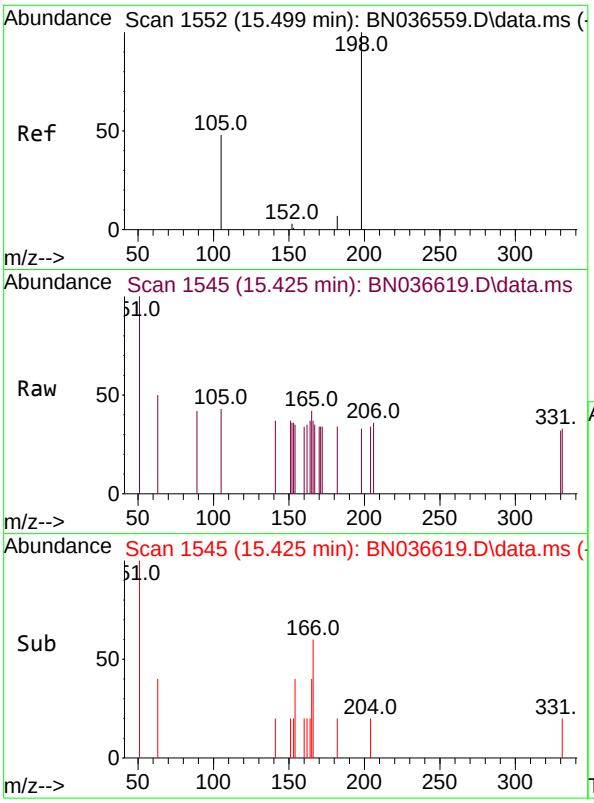


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:188 Resp: 4994

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	8.8	13.2



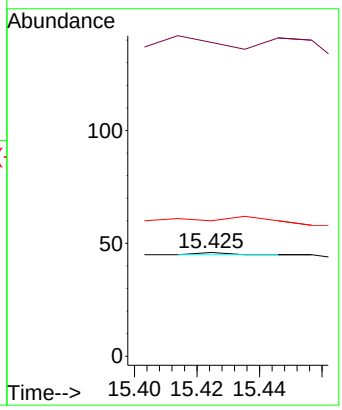


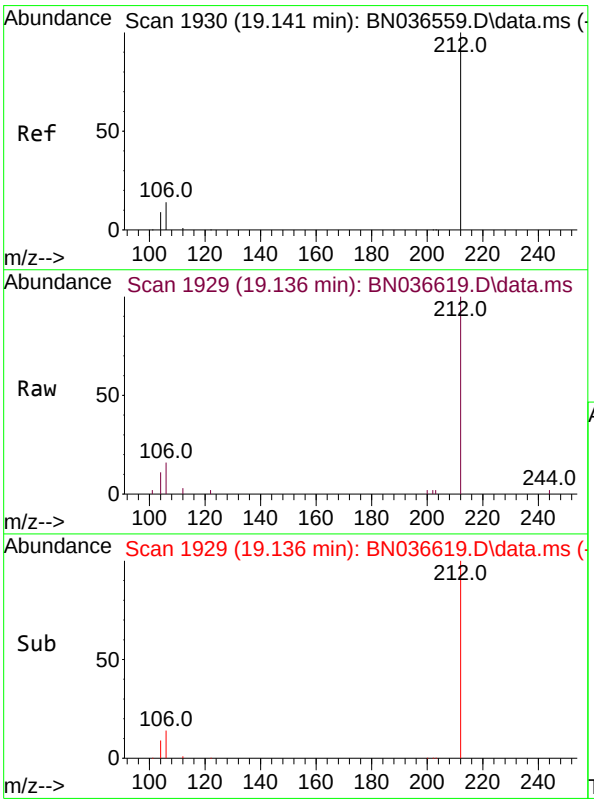
#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.425 min Scan# 1
Delta R.T. -0.074 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	302.2	107.9	161.9#
105	130.4	56.2	84.2#

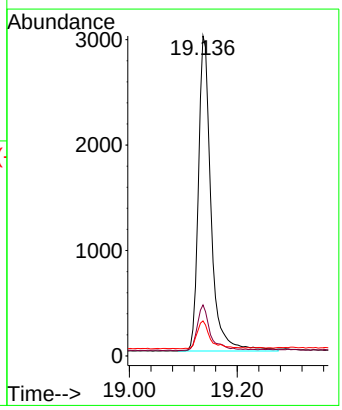


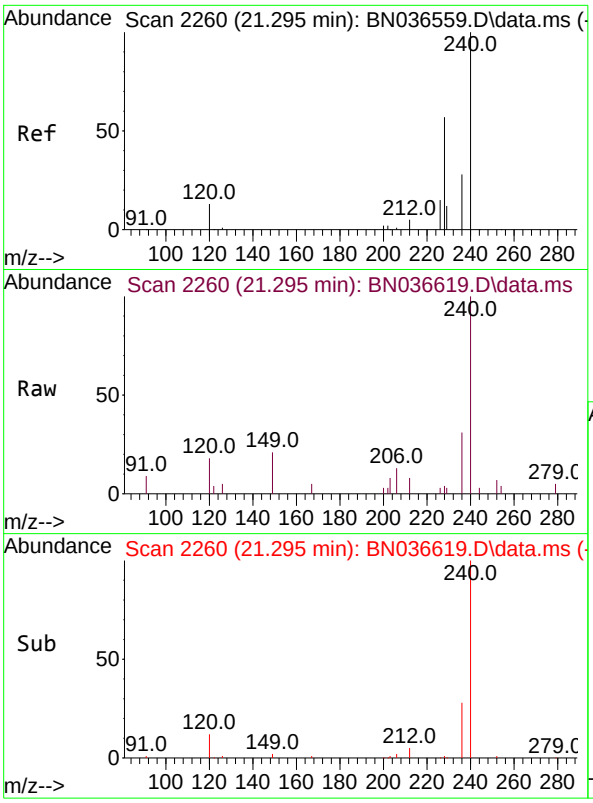


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:212 Resp: 4838

Ion	Ratio	Lower	Upper
212	100		
106	15.4	11.8	17.6
104	9.3	7.3	10.9



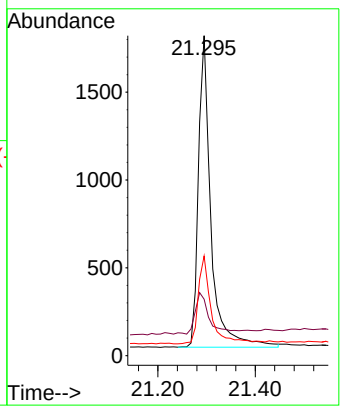


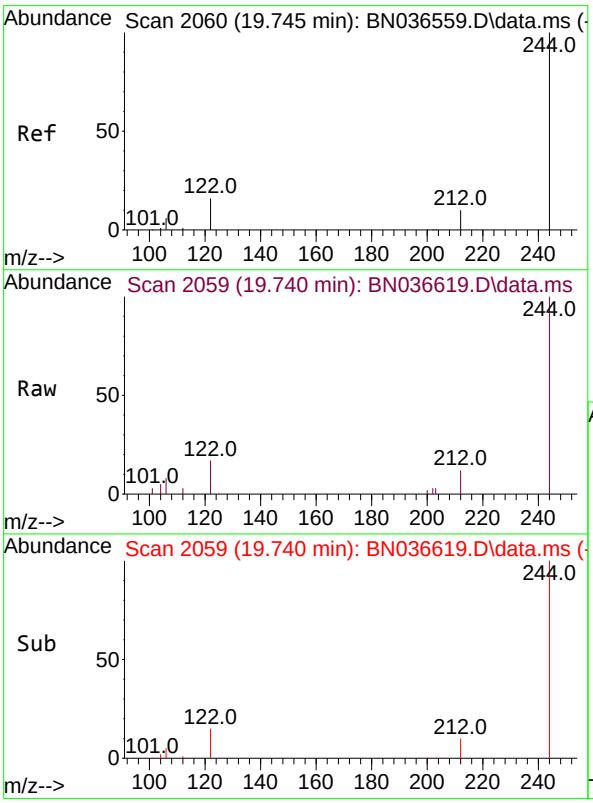
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion:240 Resp: 3157

Ion	Ratio	Lower	Upper
240	100		
120	17.6	14.6	22.0
236	31.1	24.1	36.1

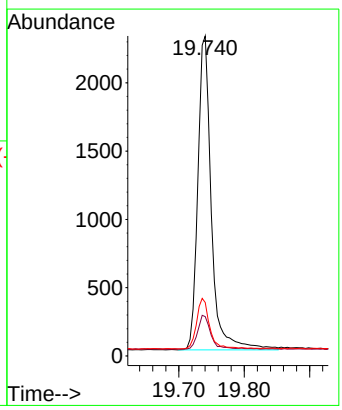


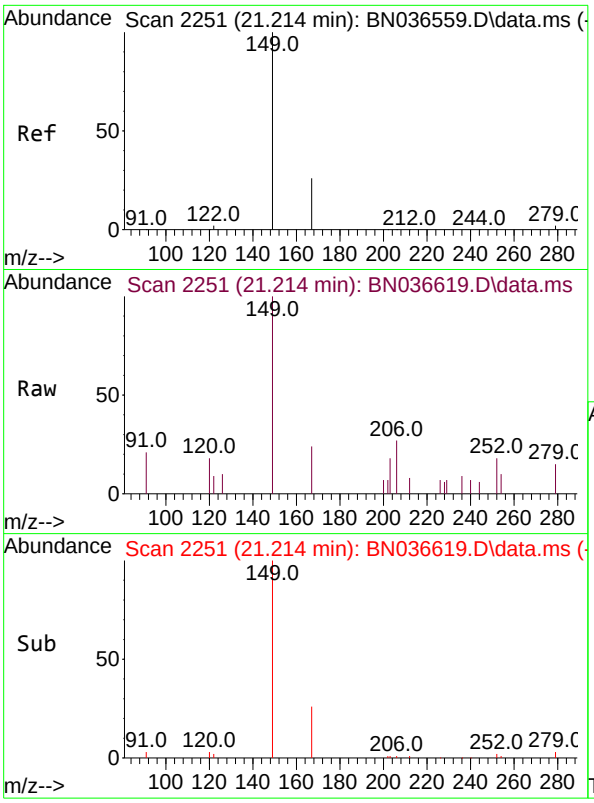


#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:244 Resp: 3295

Ion	Ratio	Lower	Upper
244	100		
212	12.3	9.6	14.4
122	16.7	13.9	20.9



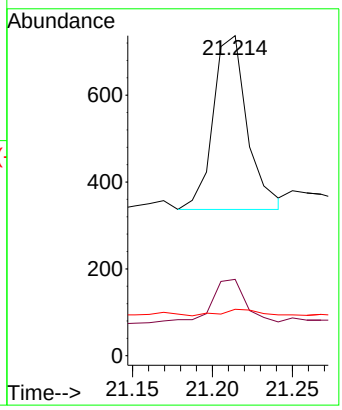


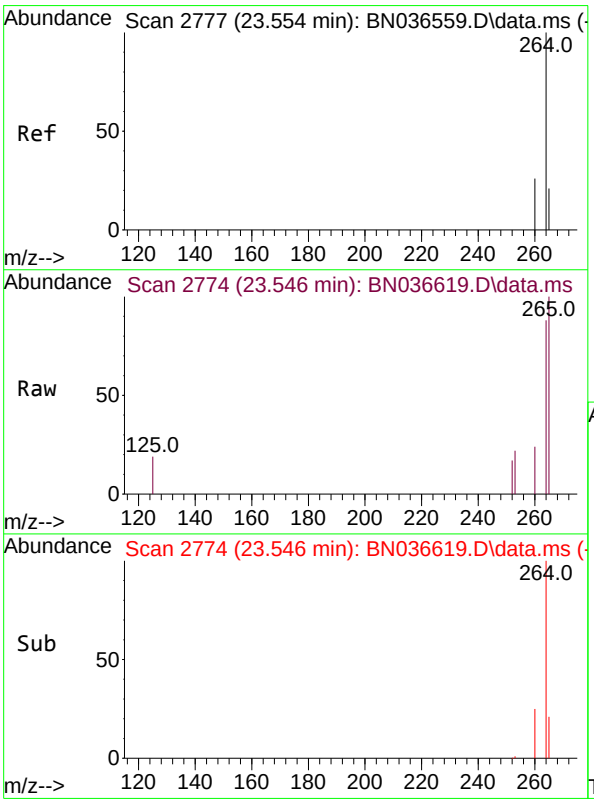
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.214 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Instrument :
BNA_N
ClientSampleId :
RE120D1-20250312

Tgt Ion:149 Resp: 594

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.7	31.1
279	4.4	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 2774
Delta R.T. -0.009 min
Lab File: BN036619.D
Acq: 14 Mar 2025 22:54

Tgt Ion:264 Resp: 2862

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.6	33.8
265	113.6	88.1	132.1