Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036620.D
Acq On : 14 Mar 2025 23:30
Operator : RC/JU
Sample : Q1559-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Quant Time: Mar 15 00:12:15 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	1831	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4089	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2366	0.400	ng		-0.01
19) Phenanthrene-d10	17.111	188	4711	0.400	ng		0.00
29) Chrysene-d12	21.295	240	3383	0.400	ng		0.00
35) Perylene-d12	23.546	264	2708	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	646	0.151	ng		0.00
5) Phenol-d6	6.901	99	429	0.081	ng		0.00
8) Nitrobenzene-d5	8.875	82	1395	0.314	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2002	0.329	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	334	0.311	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	4824	0.350	ng		0.00
27) Fluoranthene-d10	19.136	212	5281	0.437	ng		0.00
31) Terphenyl-d14	19.736	244	3712	0.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	16435	8.091	ng		96
20) 4,6-Dinitro-2-methylph...	15.467	198	4	0.149	ng	#	1
34) Bis(2-ethylhexyl)phtha...	21.214	149	860	0.103	ng	#	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
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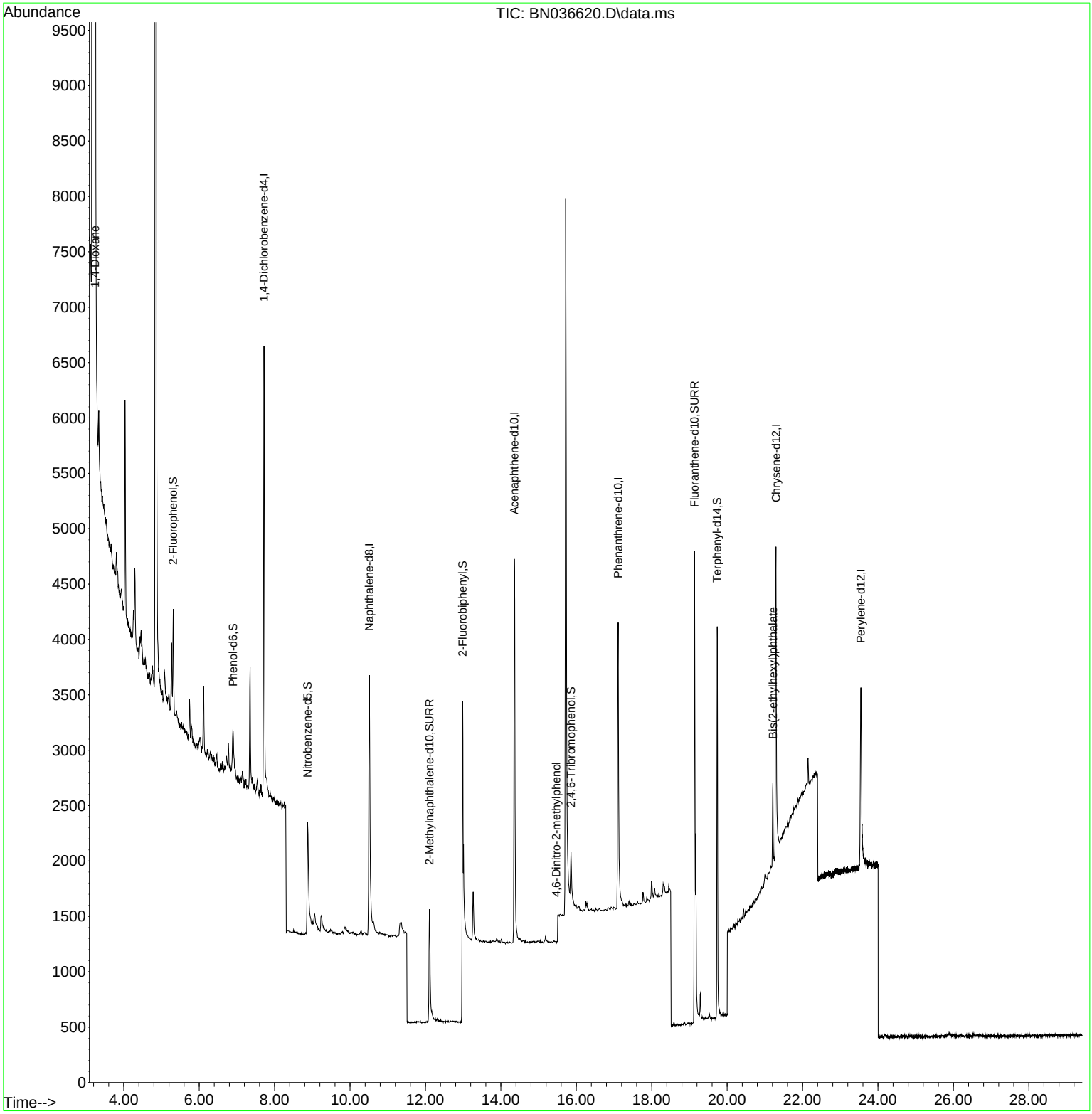
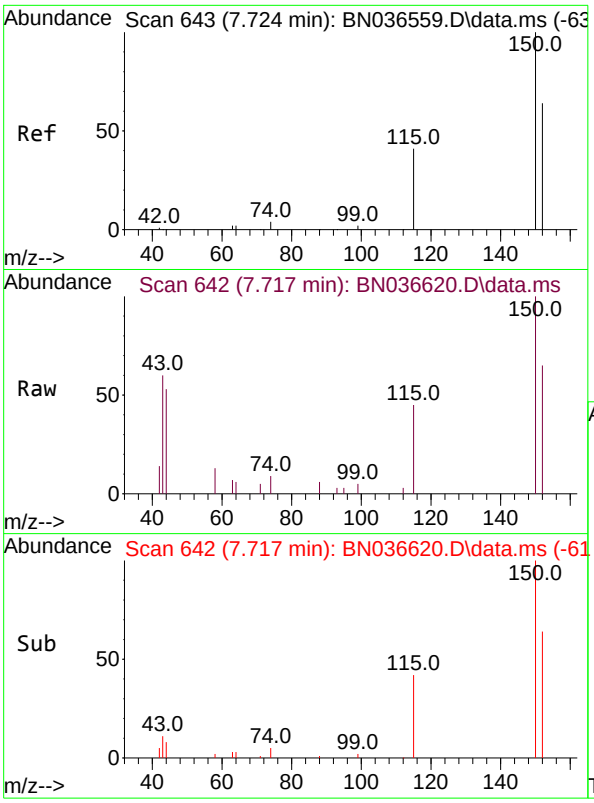


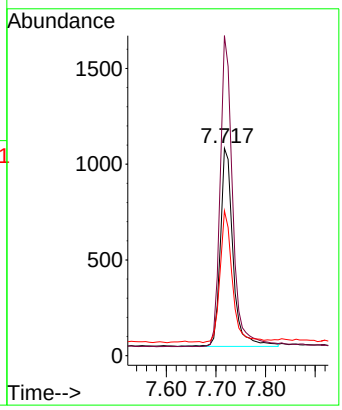


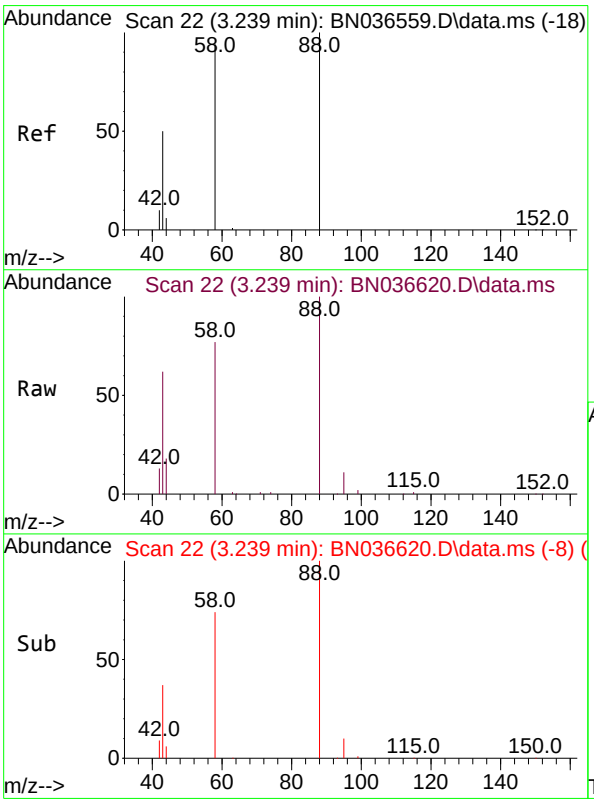
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:152 Resp: 1831

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.7	185.5
115	69.8	54.3	81.5

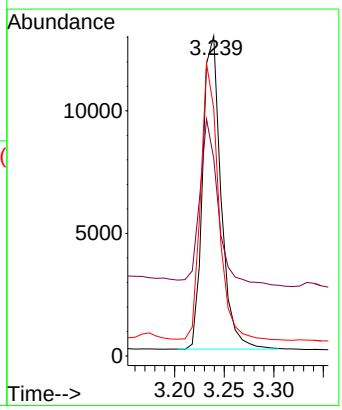


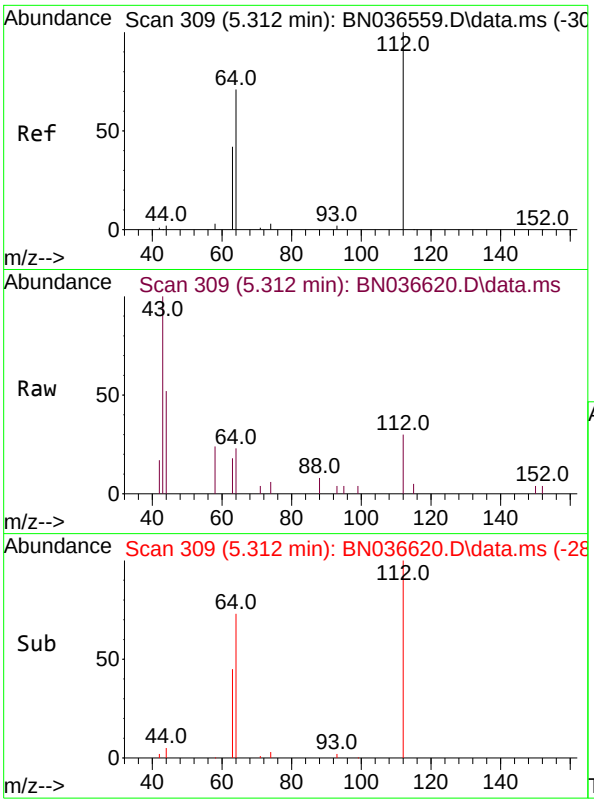


#2
1,4-Dioxane
Concen: 8.091 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion: 88 Resp: 16435

Ion	Ratio	Lower	Upper
88	100		
43	52.6	37.8	56.8
58	85.3	67.4	101.2



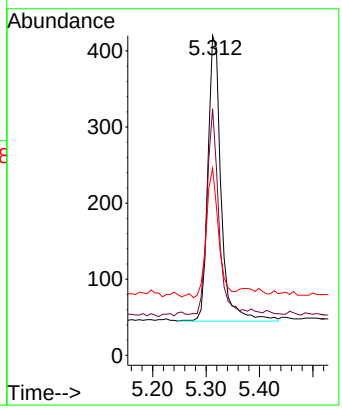


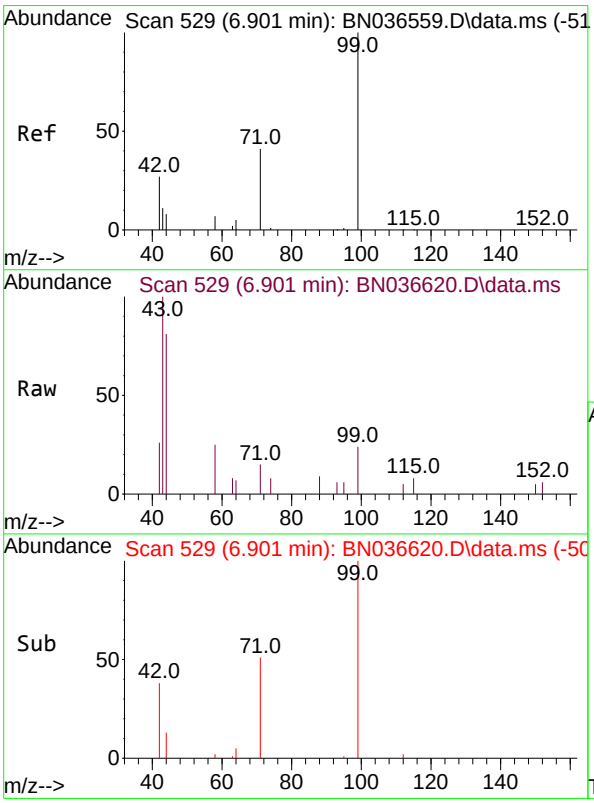
#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.312 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:112 Resp: 646

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	41.5	31.8	47.8

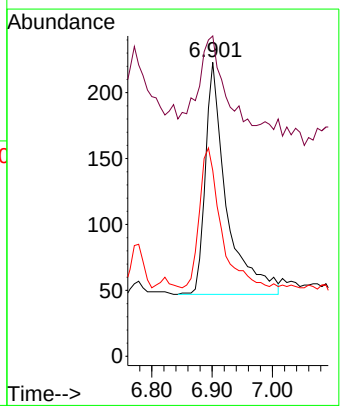


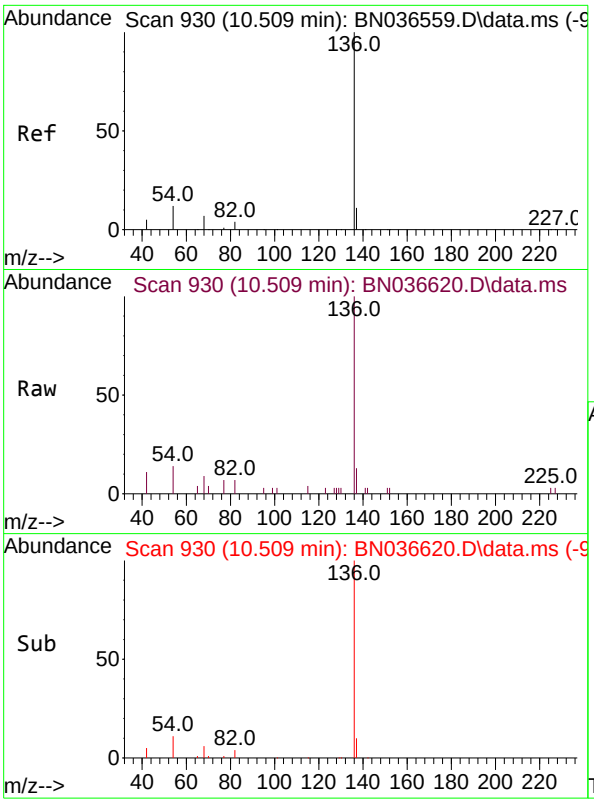


#5
Phenol-d6
Concen: 0.081 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion: 99 Resp: 429

Ion	Ratio	Lower	Upper
99	100		
42	41.3	26.5	39.7#
71	60.8	34.1	51.1#



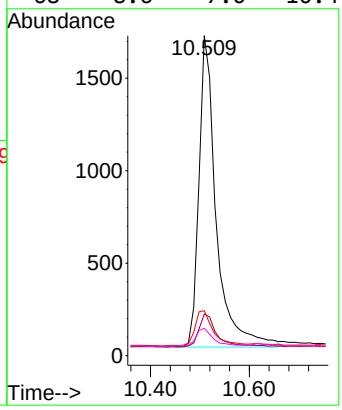


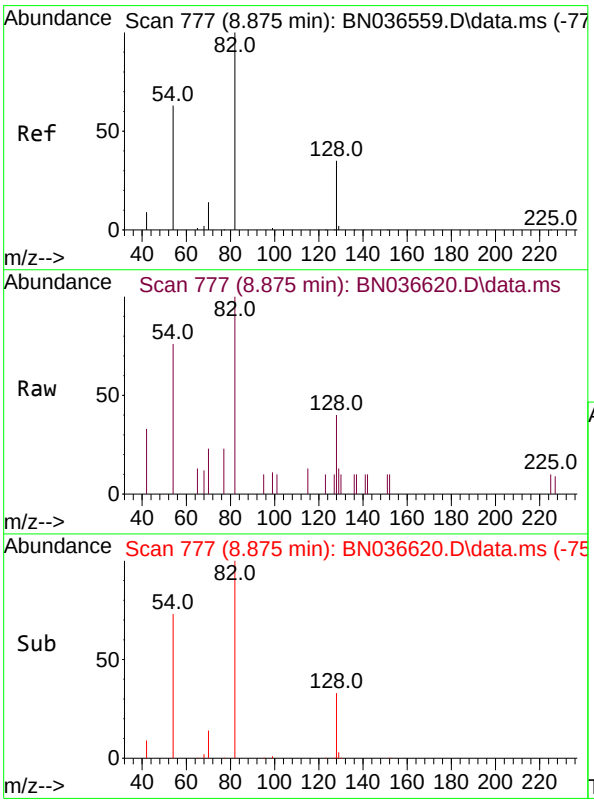
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:136 Resp: 4089

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

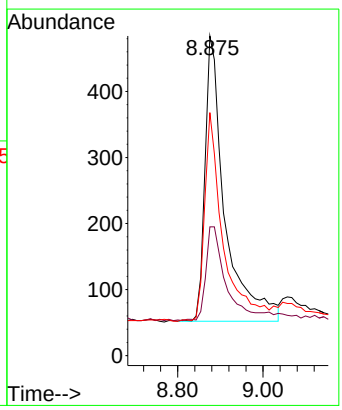


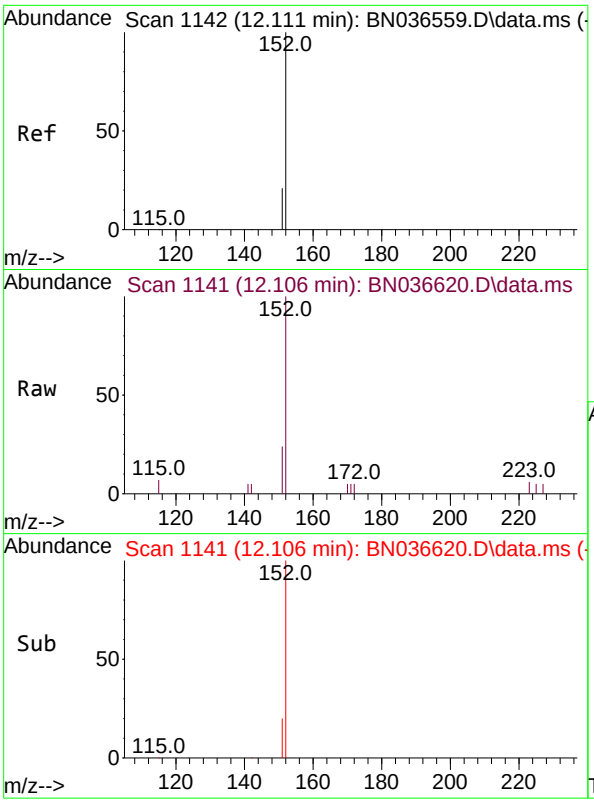


#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion: 82 Resp: 1395

Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.6	45.8
54	76.0	52.2	78.4



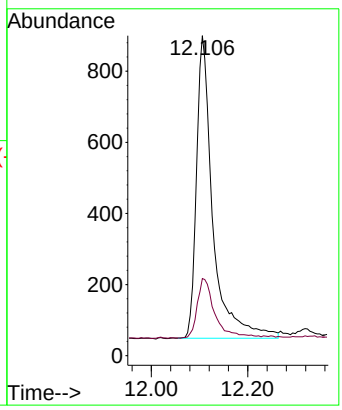


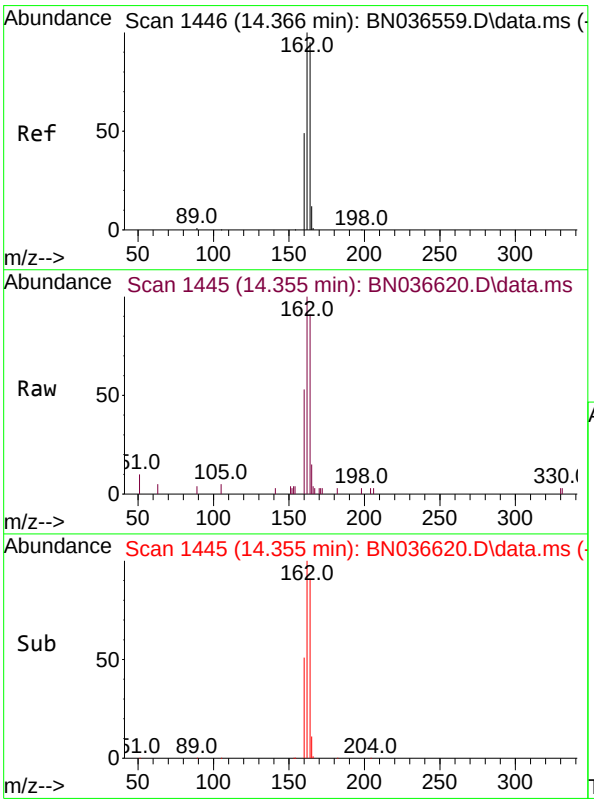
#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.106 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:152 Resp: 2002

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6

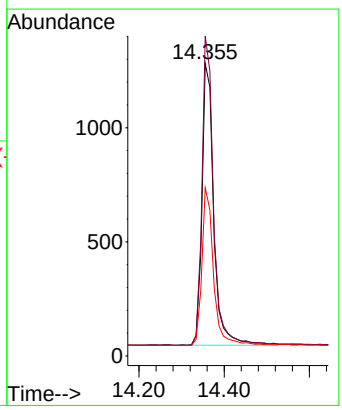


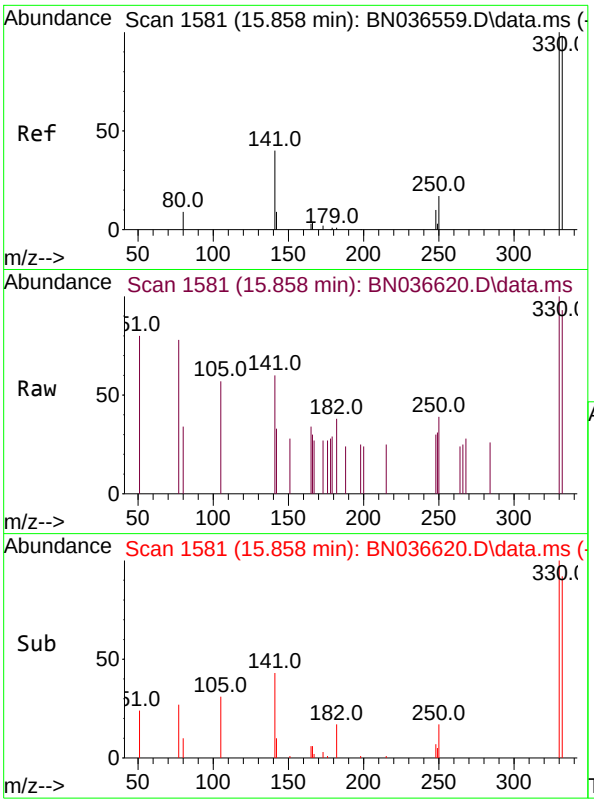


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:164 Resp: 2366

Ion	Ratio	Lower	Upper
164	100		
162	109.4	84.2	126.2
160	57.5	42.2	63.2



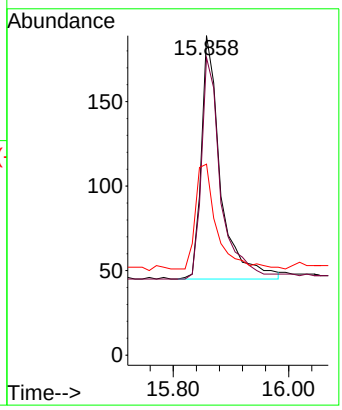


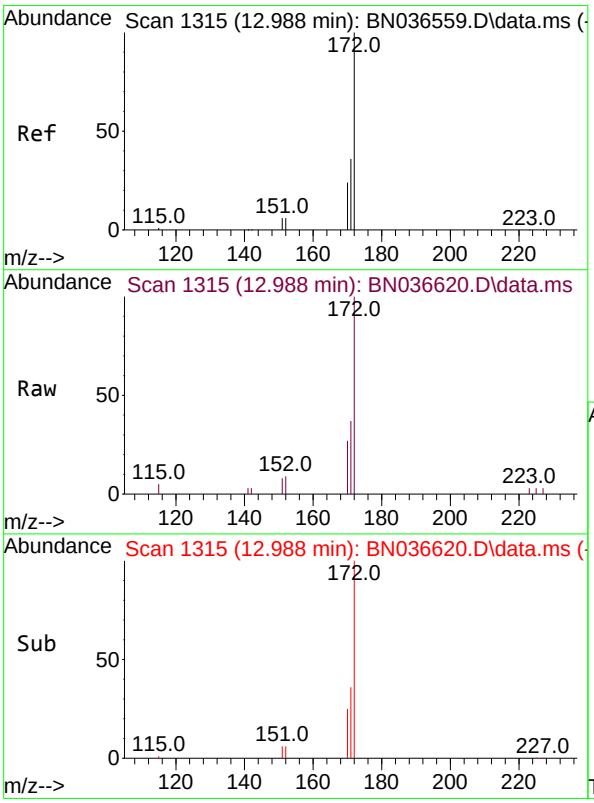
#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:330 Resp: 334

Ion	Ratio	Lower	Upper
330	100		
332	91.3	75.2	112.8
141	48.8	43.4	65.2

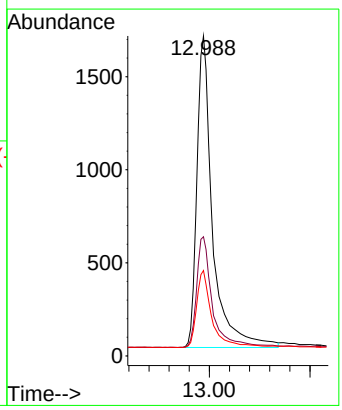


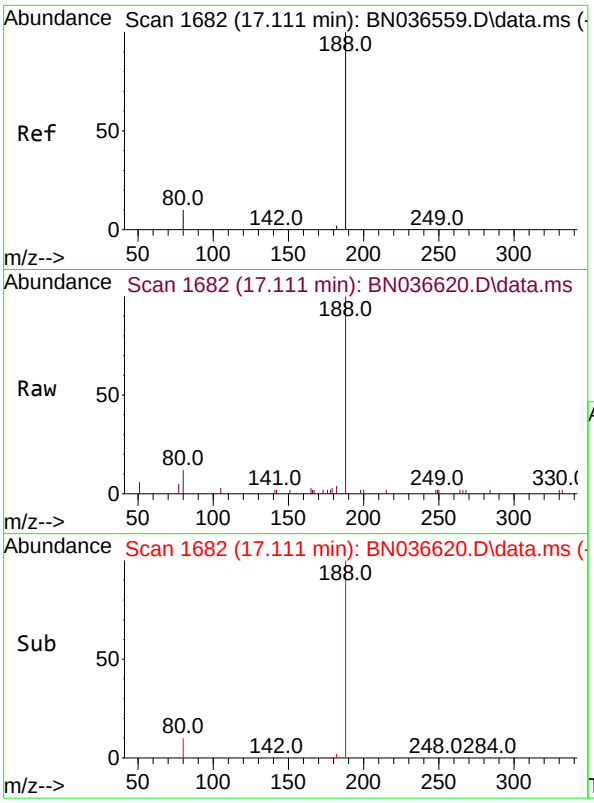


#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:172 Resp: 4824

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	26.7	20.2	30.4



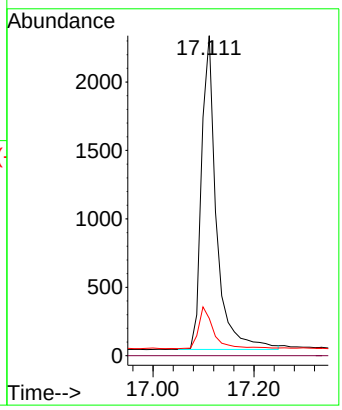


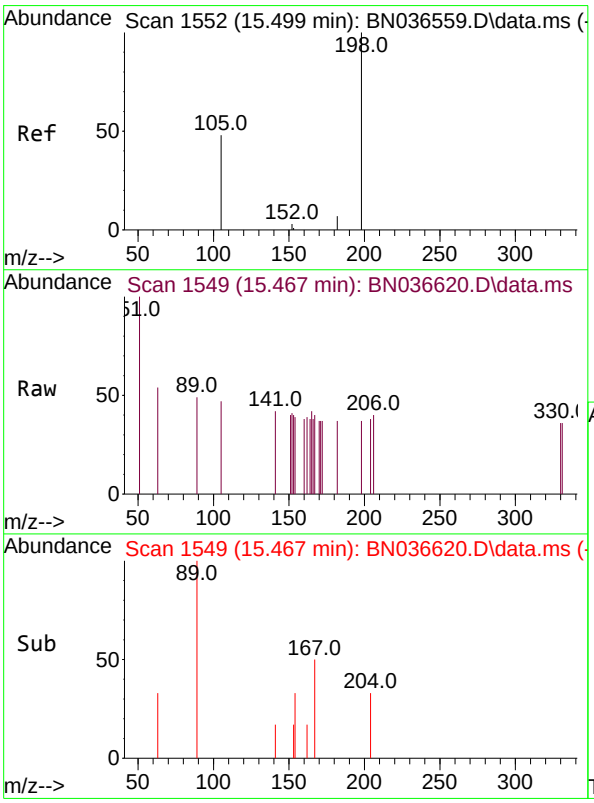
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:188 Resp: 4711

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	8.8	13.2

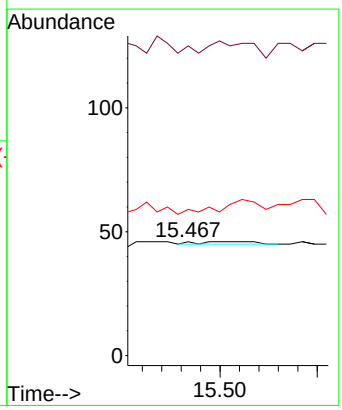


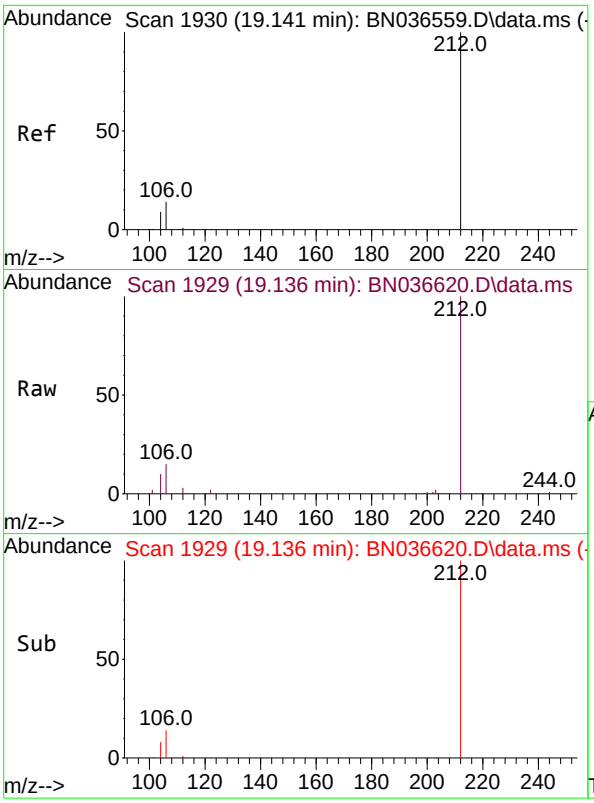


#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.032 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
51	271.7	107.9	161.9#
105	128.3	56.2	84.2#



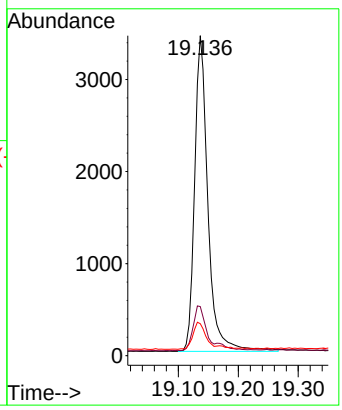


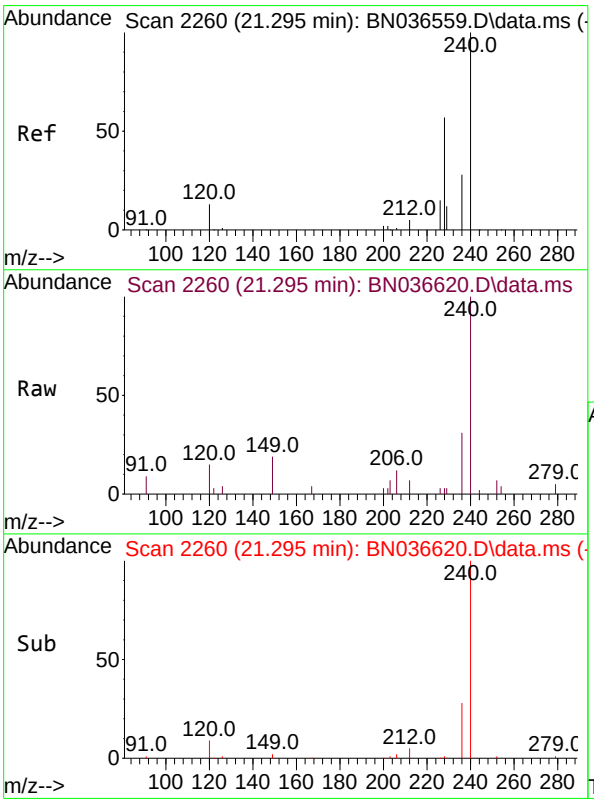
#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.136 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:212 Resp: 5281

Ion	Ratio	Lower	Upper
212	100		
106	15.8	11.8	17.6
104	9.3	7.3	10.9

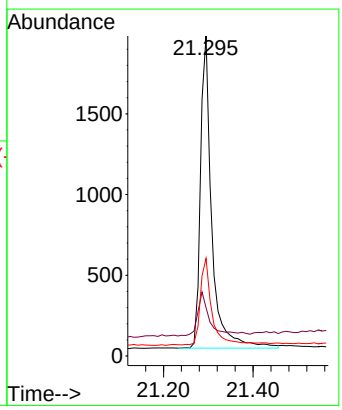


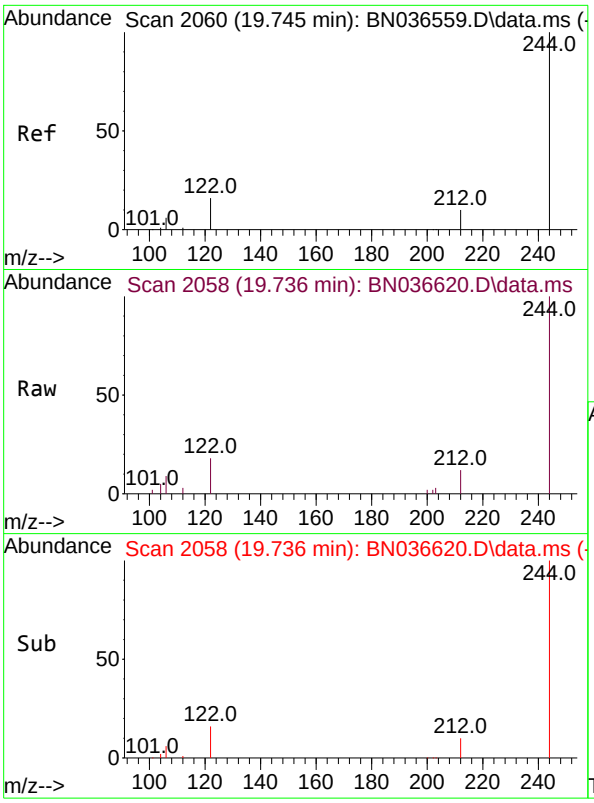


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:240 Resp: 3383

Ion	Ratio	Lower	Upper
240	100		
120	15.1	14.6	22.0
236	30.5	24.1	36.1



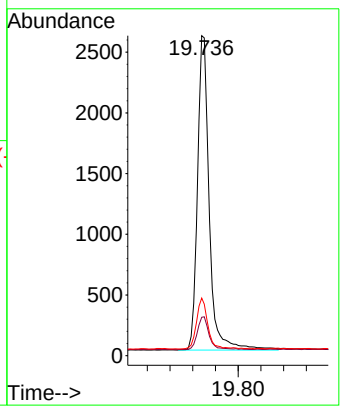


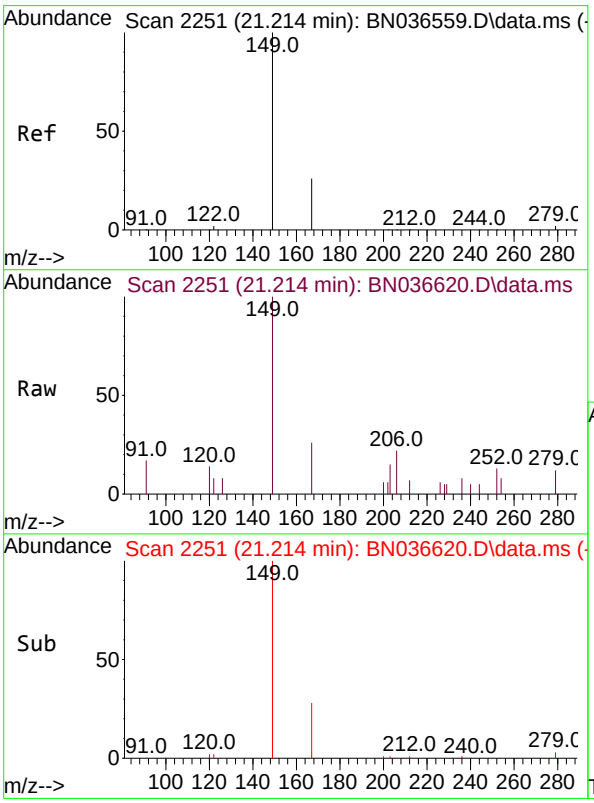
#31
Terphenyl-d14
Concen: 0.458 ng
RT: 19.736 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:244 Resp: 3712

Ion	Ratio	Lower	Upper
244	100		
212	12.0	9.6	14.4
122	18.0	13.9	20.9

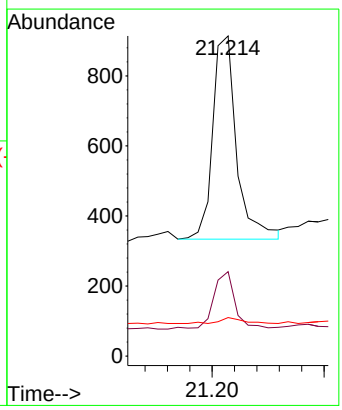


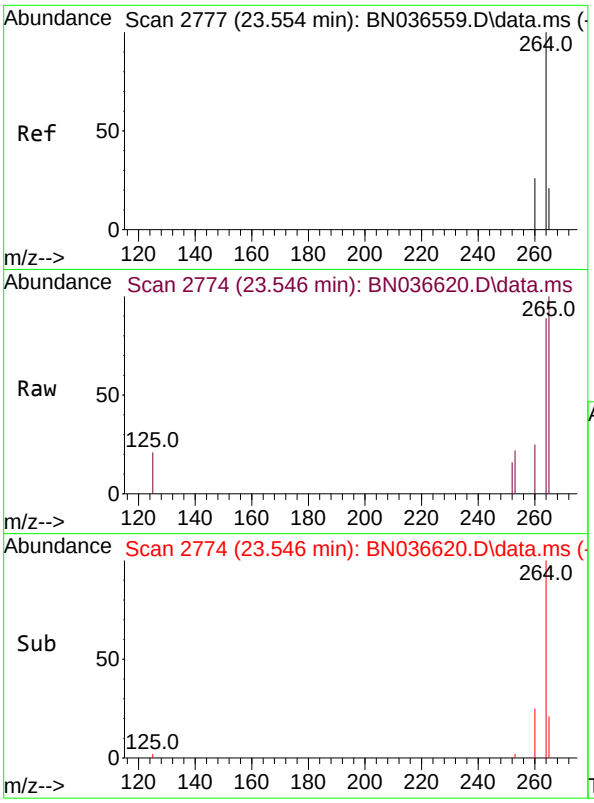


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.214 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN036620.D
Acq: 14 Mar 2025 23:30

Tgt Ion:149 Resp: 860

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.7	31.1
279	2.9	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: BN036620.D
Acq: 14 Mar 2025 23:30

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312

Tgt Ion:264 Resp: 2708

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.6	33.8
265	112.6	88.1	132.1