Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036636.D
Acq On : 15 Mar 2025 10:23
Operator : RC/JU
Sample : Q1559-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Quant Time: Mar 17 00:35:00 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	2449	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5685	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	3421	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6919	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	4660	0.400	ng	0.00
35) Perylene-d12	23.546	264	3624	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	938	0.164	ng	0.00
5) Phenol-d6	6.901	99	562	0.080	ng	0.00
8) Nitrobenzene-d5	8.875	82	1997	0.323	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2939	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	611	0.394	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7085	0.356	ng	0.00
27) Fluoranthene-d10	19.137	212	7540	0.425	ng	0.00
31) Terphenyl-d14	19.736	244	5146	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	7445	2.740	ng	96
20) 4,6-Dinitro-2-methylph...	15.457	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	645	0.056	ng	# 97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036636.D
Acq On : 15 Mar 2025 10:23
Operator : RC/JU
Sample : Q1559-07
Misc :
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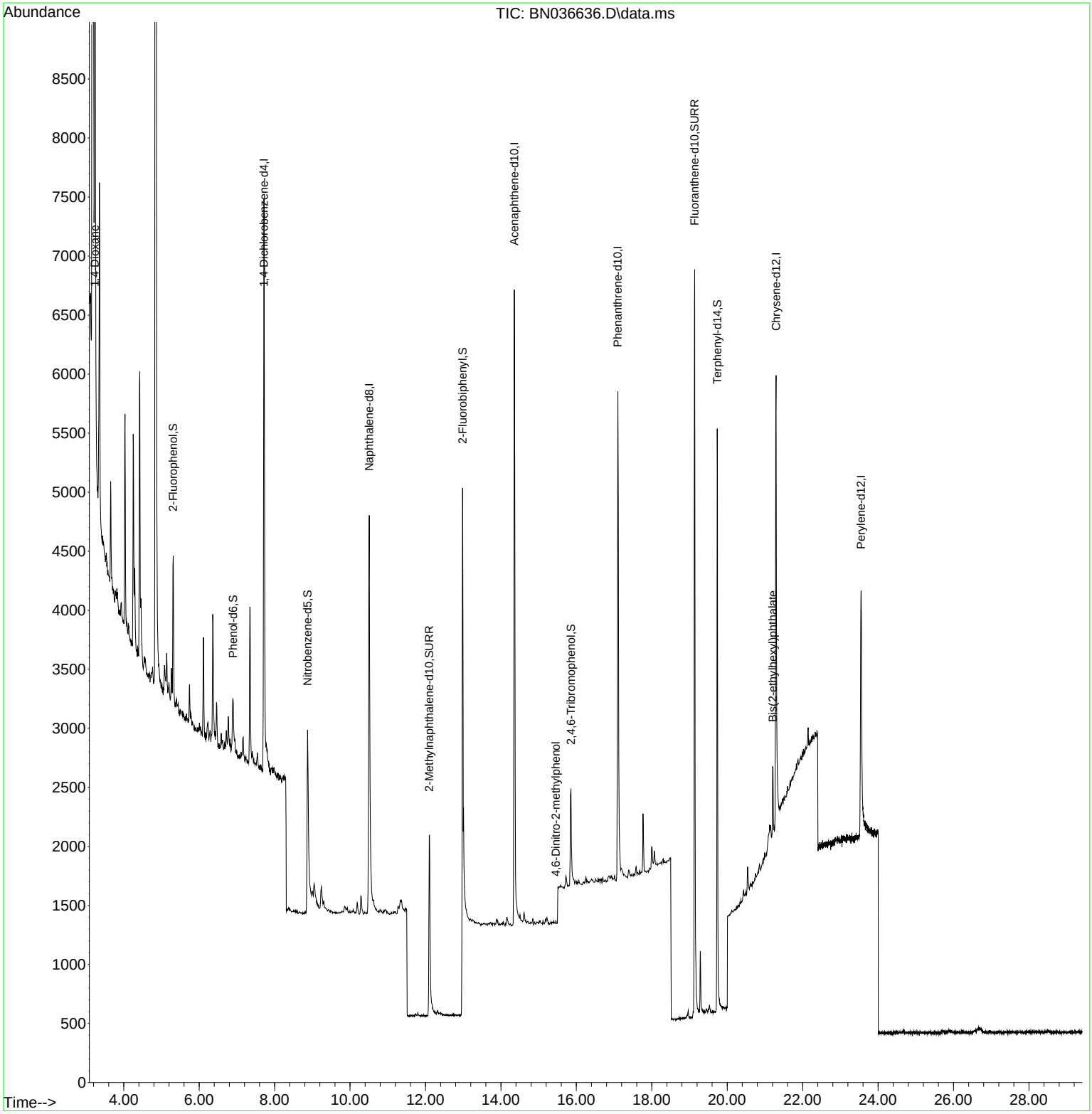
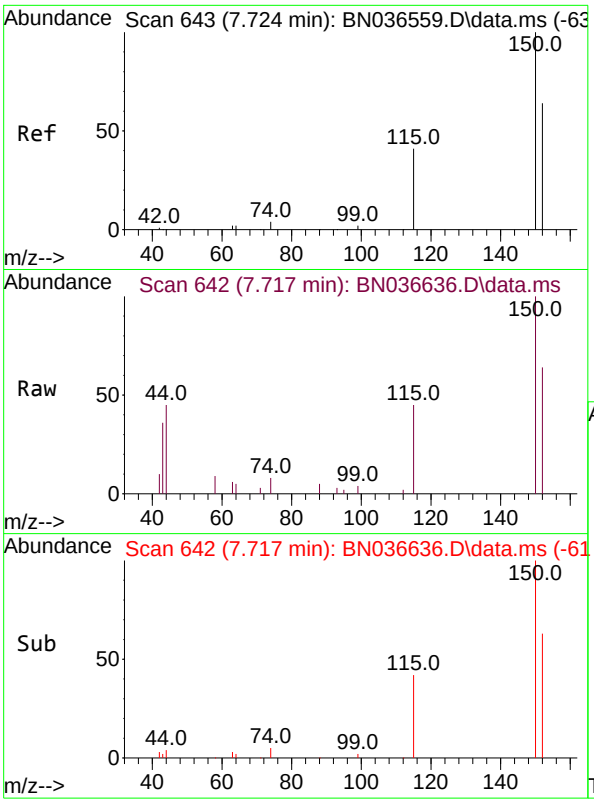
Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Quant Time: Mar 17 00:35:00 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



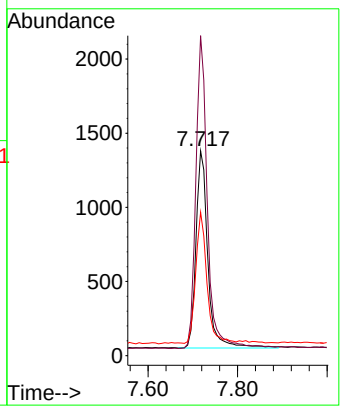


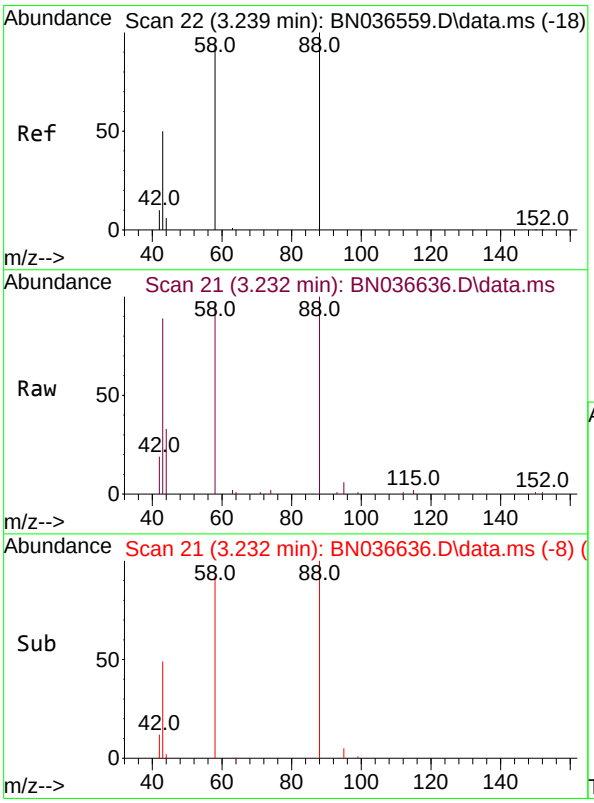
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:152 Resp: 2449

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	70.1	54.3	81.5

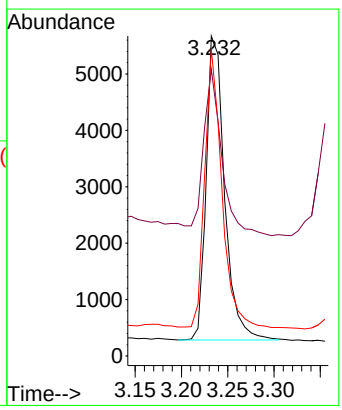


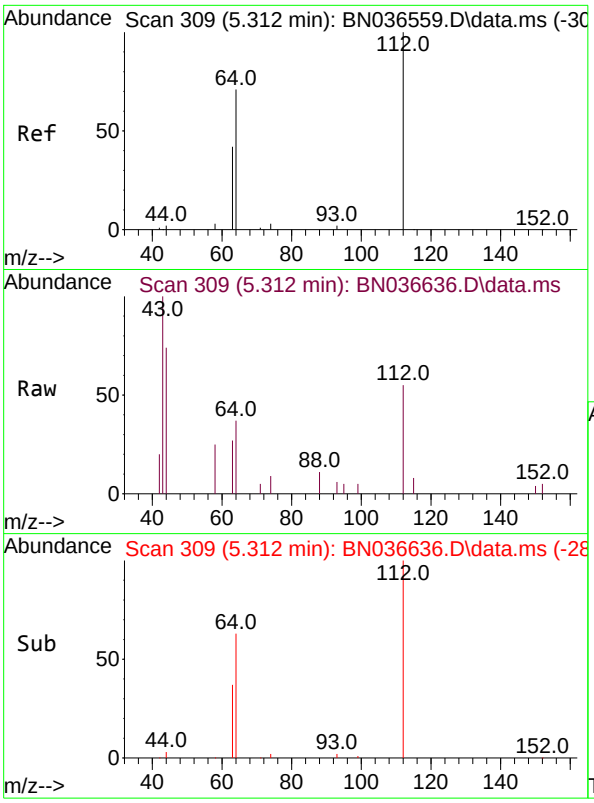


#2
1,4-Dioxane
Concen: 2.740 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion: 88 Resp: 7445

Ion	Ratio	Lower	Upper
88	100		
43	54.9	37.8	56.8
58	84.7	67.4	101.2



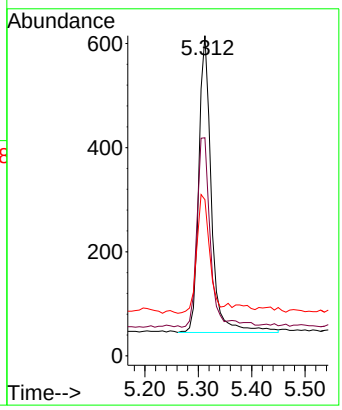


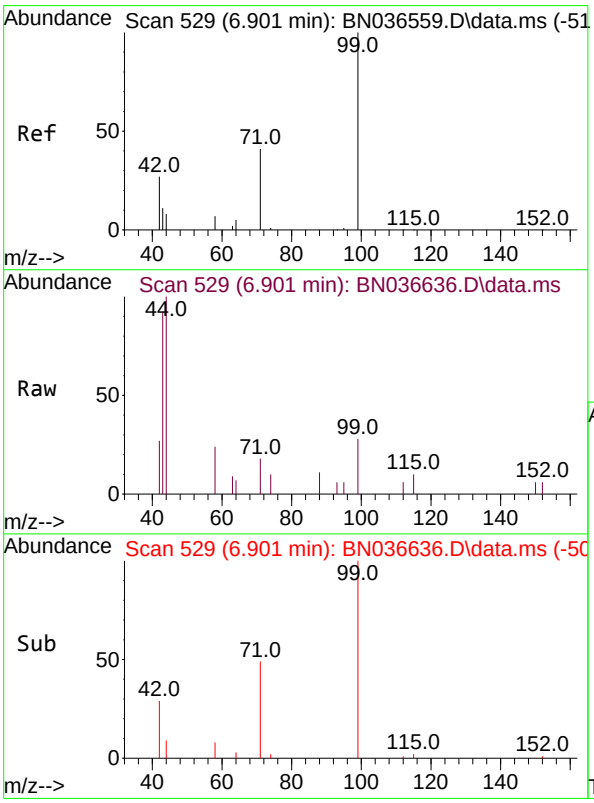
#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.312 min Scan# 3(
Delta R.T. 0.000 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:112 Resp: 938

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.1	79.7
63	40.9	31.8	47.8

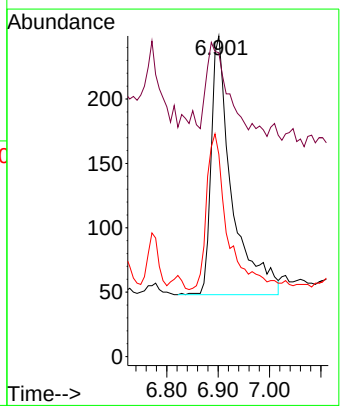


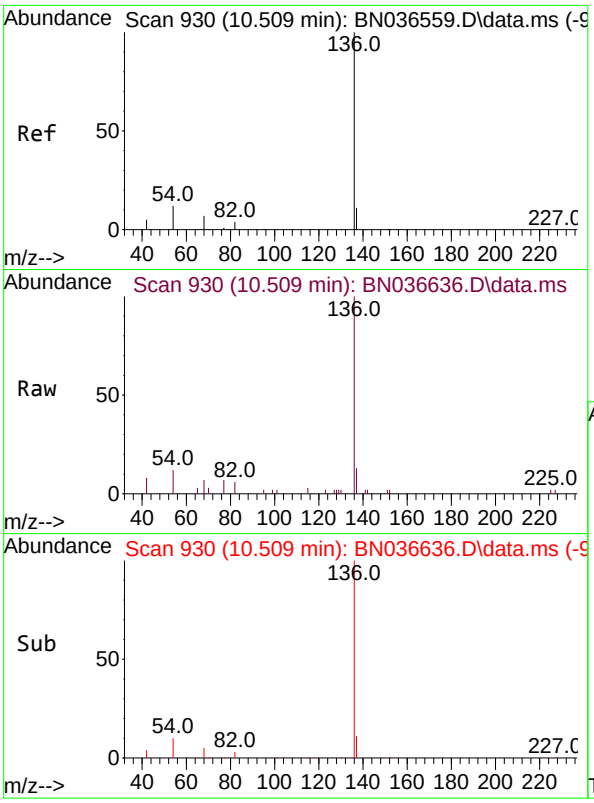


#5
Phenol-d6
Concen: 0.080 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion: 99 Resp: 562

Ion	Ratio	Lower	Upper
99	100		
42	31.5	26.5	39.7
71	62.6	34.1	51.1#



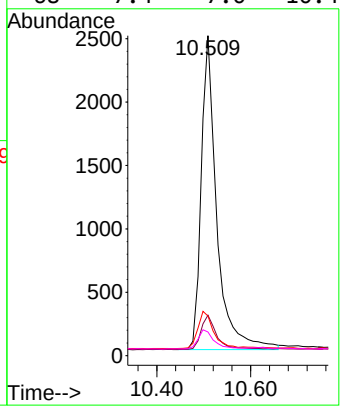


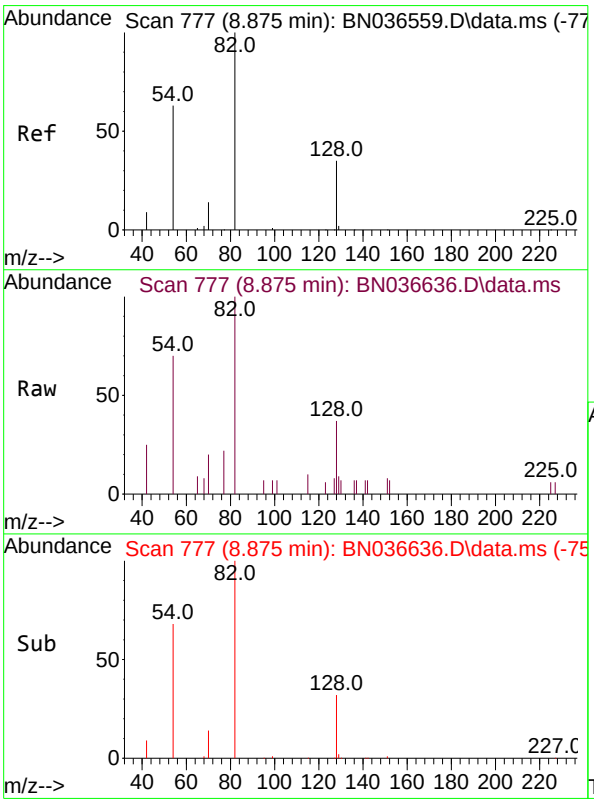
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:136 Resp: 5685

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.3	15.5
54	12.4	11.5	17.3
68	7.4	7.0	10.4

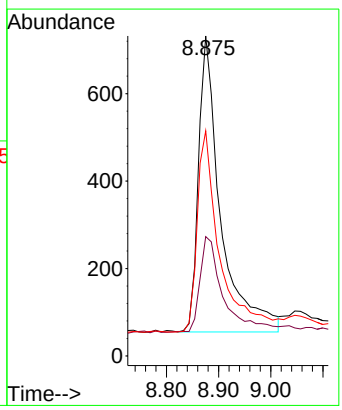


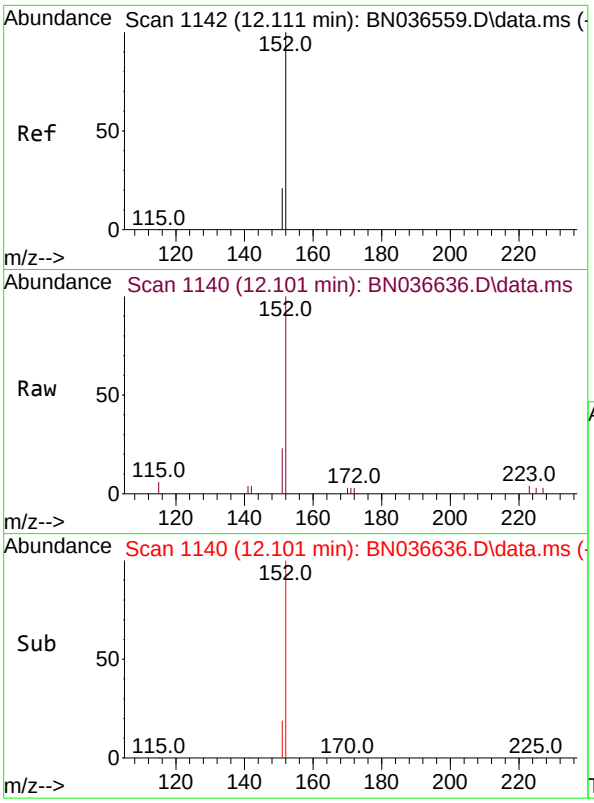


#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion: 82 Resp: 1997

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.6	45.8
54	70.4	52.2	78.4



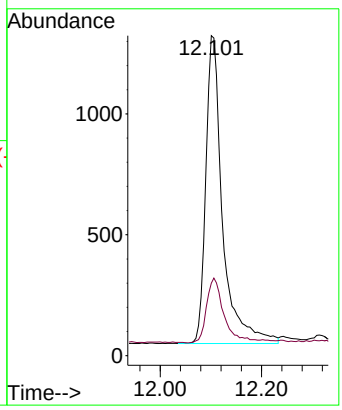


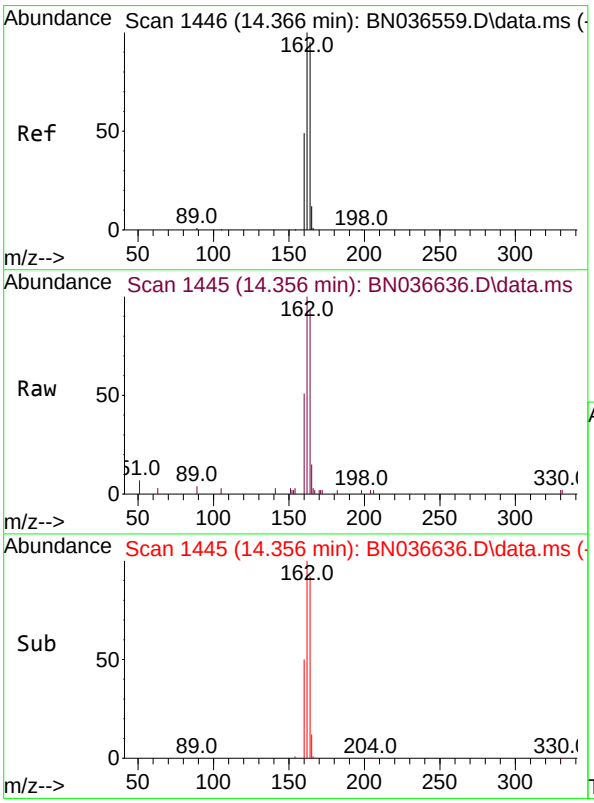
#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.101 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:152 Resp: 2939

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6

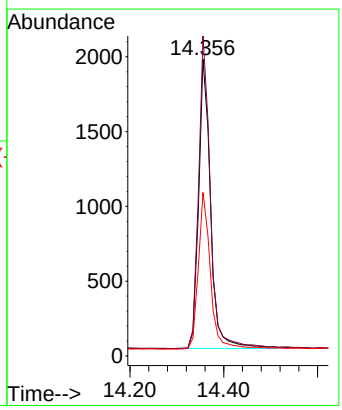


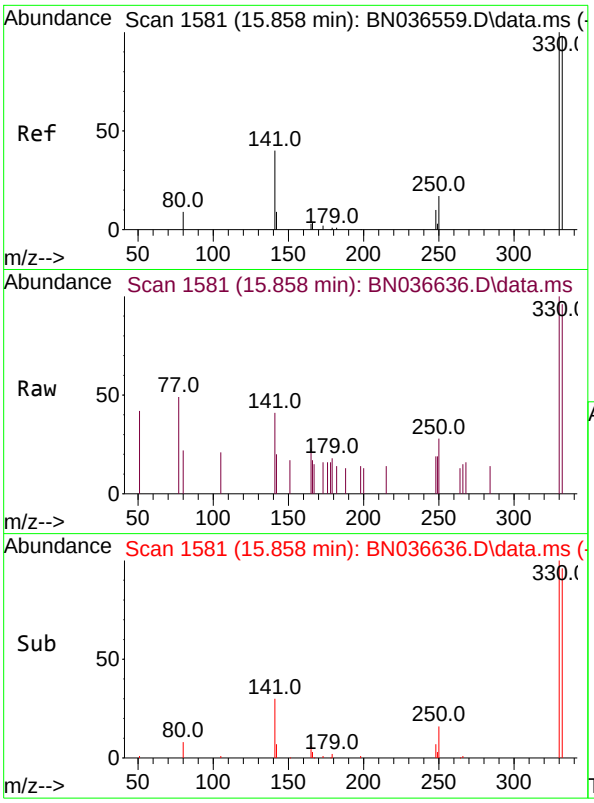


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. -0.010 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion:164 Resp: 3421

Ion	Ratio	Lower	Upper
164	100		
162	107.8	84.2	126.2
160	55.1	42.2	63.2



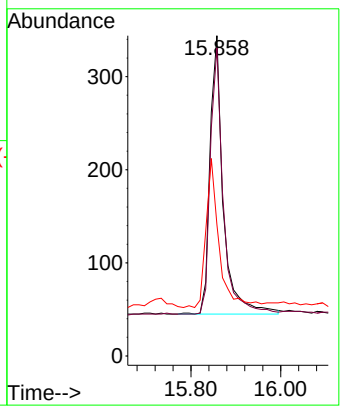


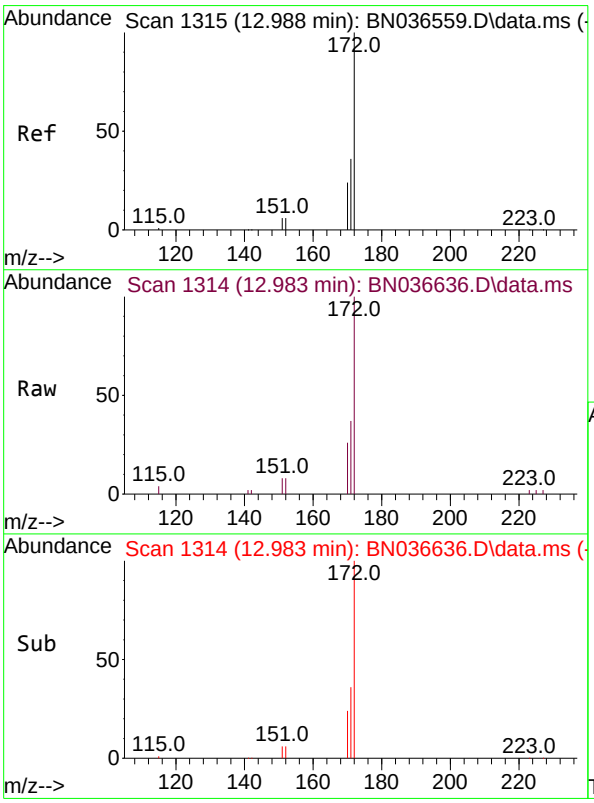
#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:330 Resp: 611

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.2	112.8
141	52.7	43.4	65.2

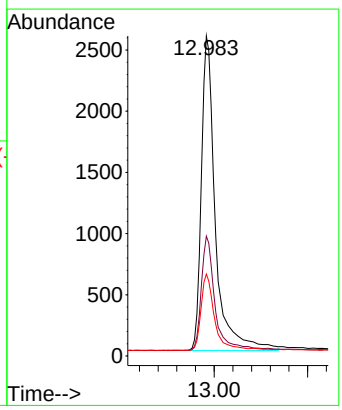


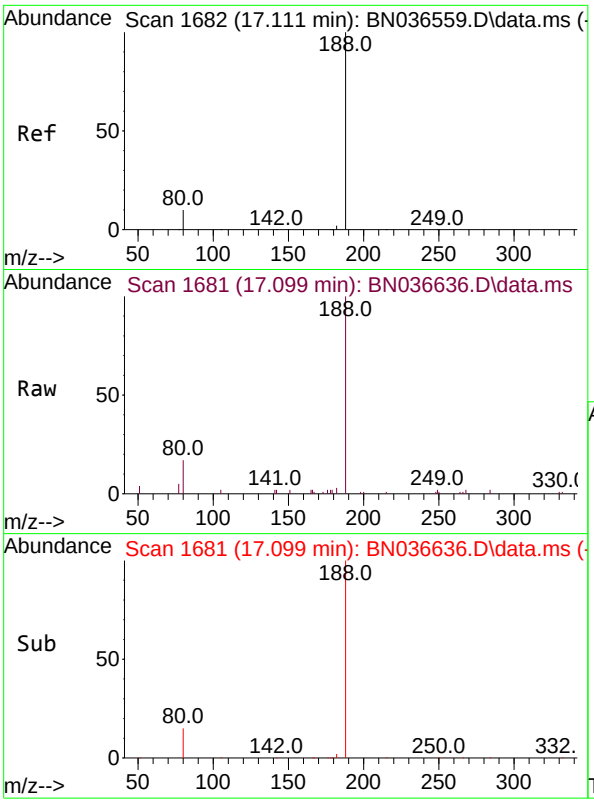


#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion:172 Resp: 7085

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	25.6	20.2	30.4



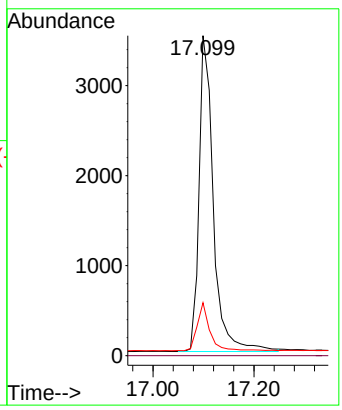


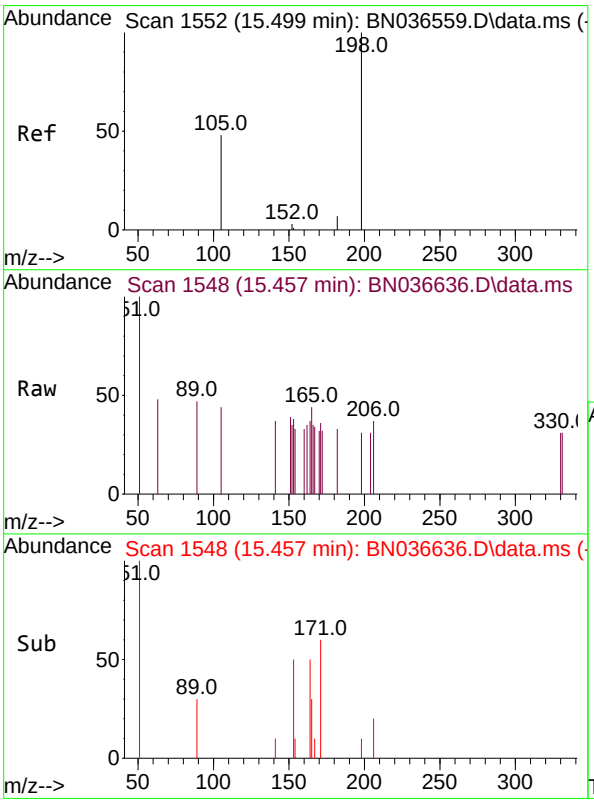
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:188 Resp: 6919

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.5	8.8	13.2#

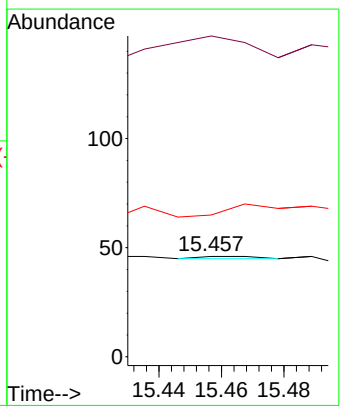


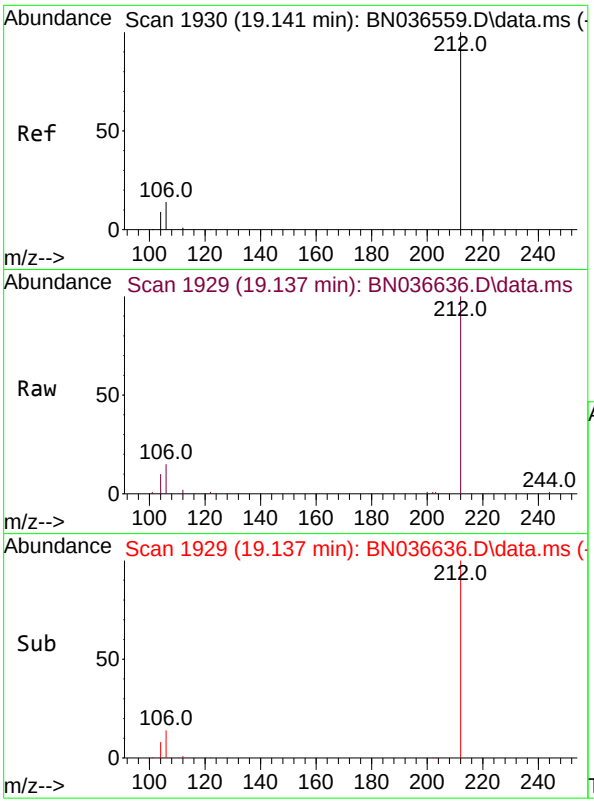


#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.042 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	319.6	107.9	161.9#
105	141.3	56.2	84.2#



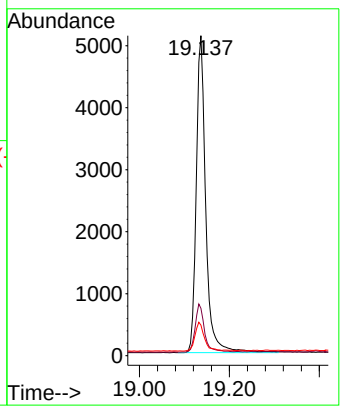


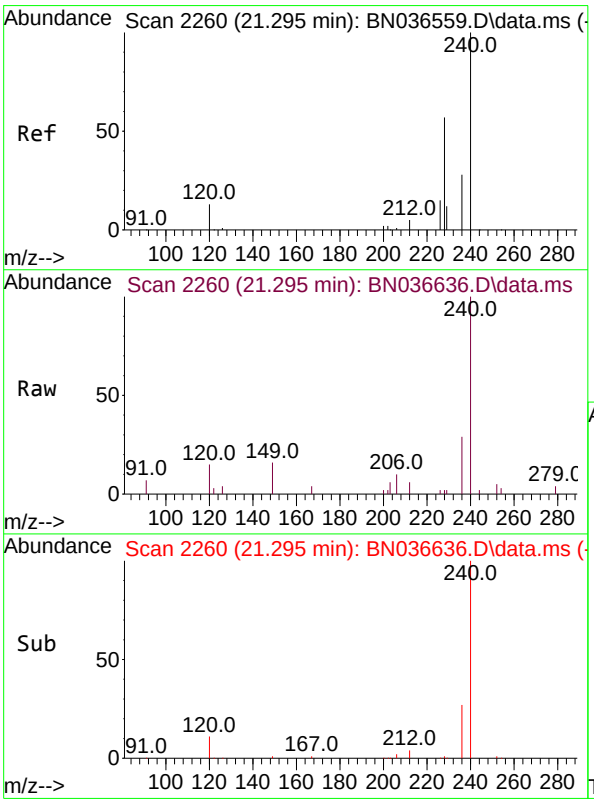
#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.137 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:212 Resp: 7540

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.8	17.6
104	8.9	7.3	10.9

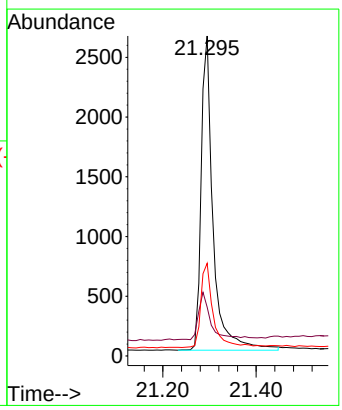


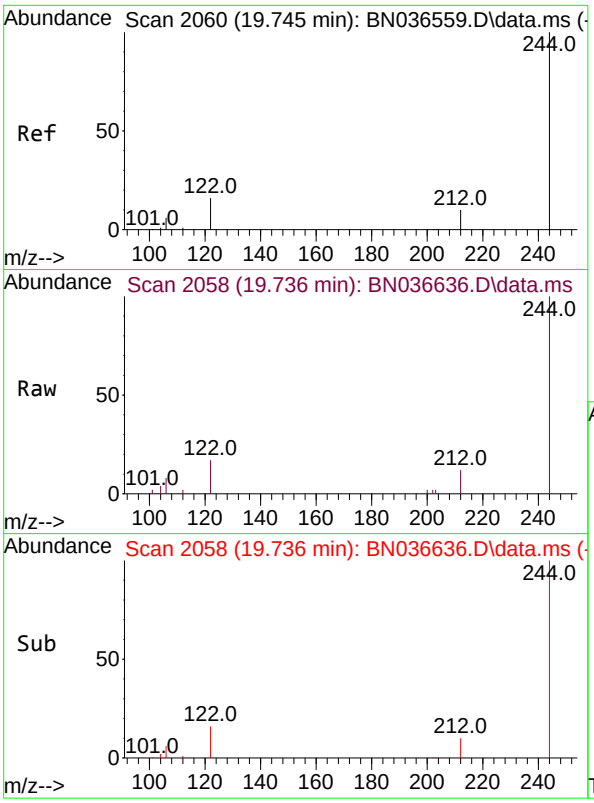


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion:240 Resp: 4660

Ion	Ratio	Lower	Upper
240	100		
120	15.3	14.6	22.0
236	29.0	24.1	36.1



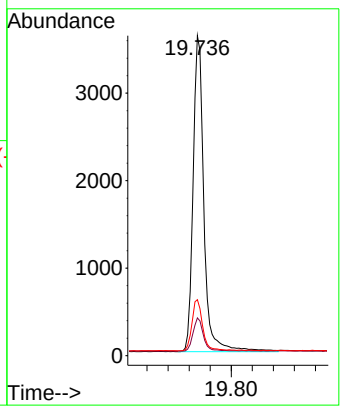


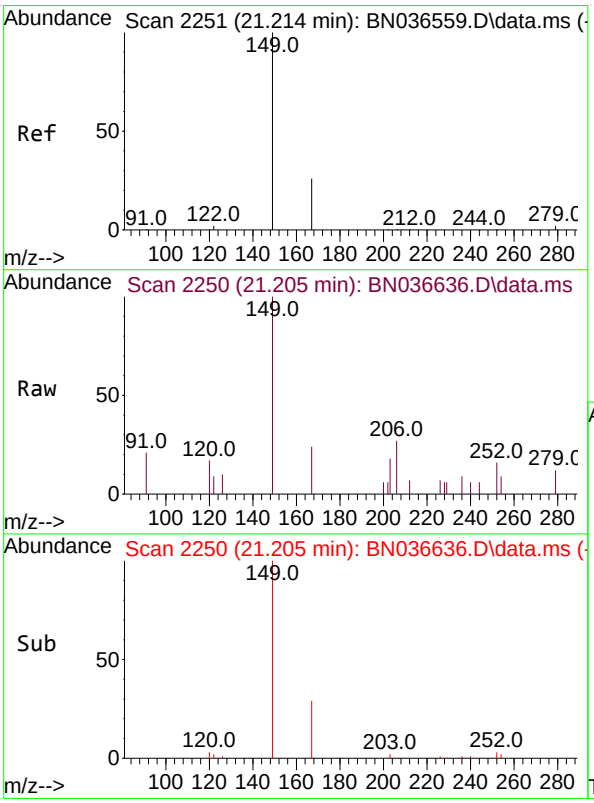
#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.736 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:244 Resp: 5146

Ion	Ratio	Lower	Upper
244	100		
212	11.8	9.6	14.4
122	17.5	13.9	20.9

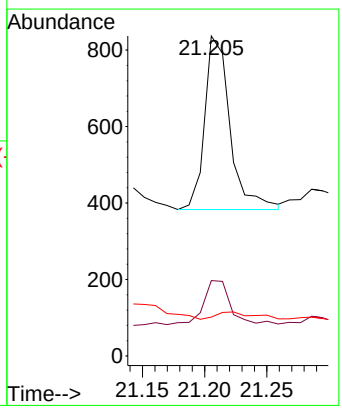


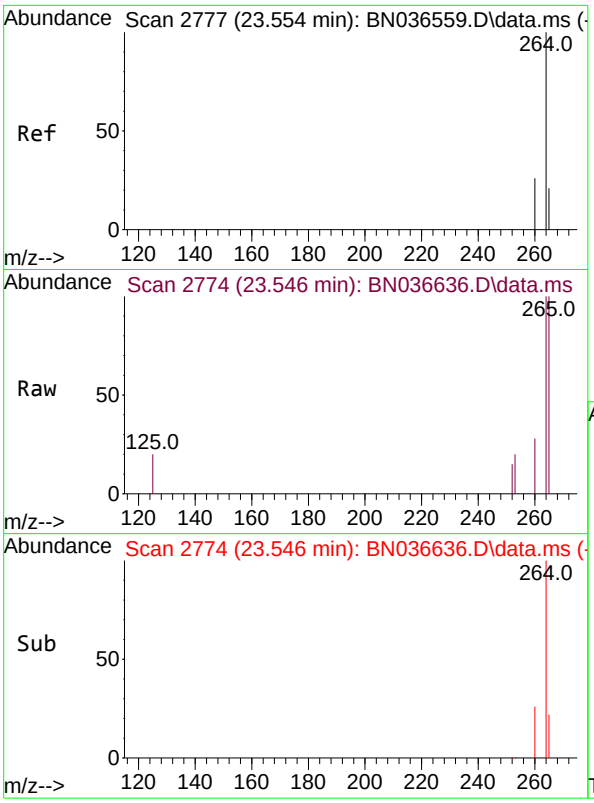


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036636.D
Acq: 15 Mar 2025 10:23

Tgt Ion:149 Resp: 645

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.7	31.1
279	6.2	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: BN036636.D
Acq: 15 Mar 2025 10:23

Instrument :
BNA_N
ClientSampleId :
RE125D3-20250310

Tgt Ion:264 Resp: 3624

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.6	33.8
265	100.1	88.1	132.1