Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036747.D
Acq On : 27 Mar 2025 21:03
Operator : RC/JU
Sample : Q1608-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Quant Time: Mar 28 00:58:24 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	7.703	152	1503	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3626	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2260	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5080	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4409	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3909	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	604	0.172	ng	-0.02
5) Phenol-d6	6.872	99	464	0.107	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1149	0.291	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1680	0.311	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	459	0.448	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	4409	0.335	ng	-0.03
27) Fluoranthene-d10	19.122	212	5663	0.435	ng	-0.02
31) Terphenyl-d14	19.722	244	3962	0.375	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	10775	6.463	ng	98
20) 4,6-Dinitro-2-methylph...	15.424	198	9	0.153	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	1295	0.119	ng	99

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

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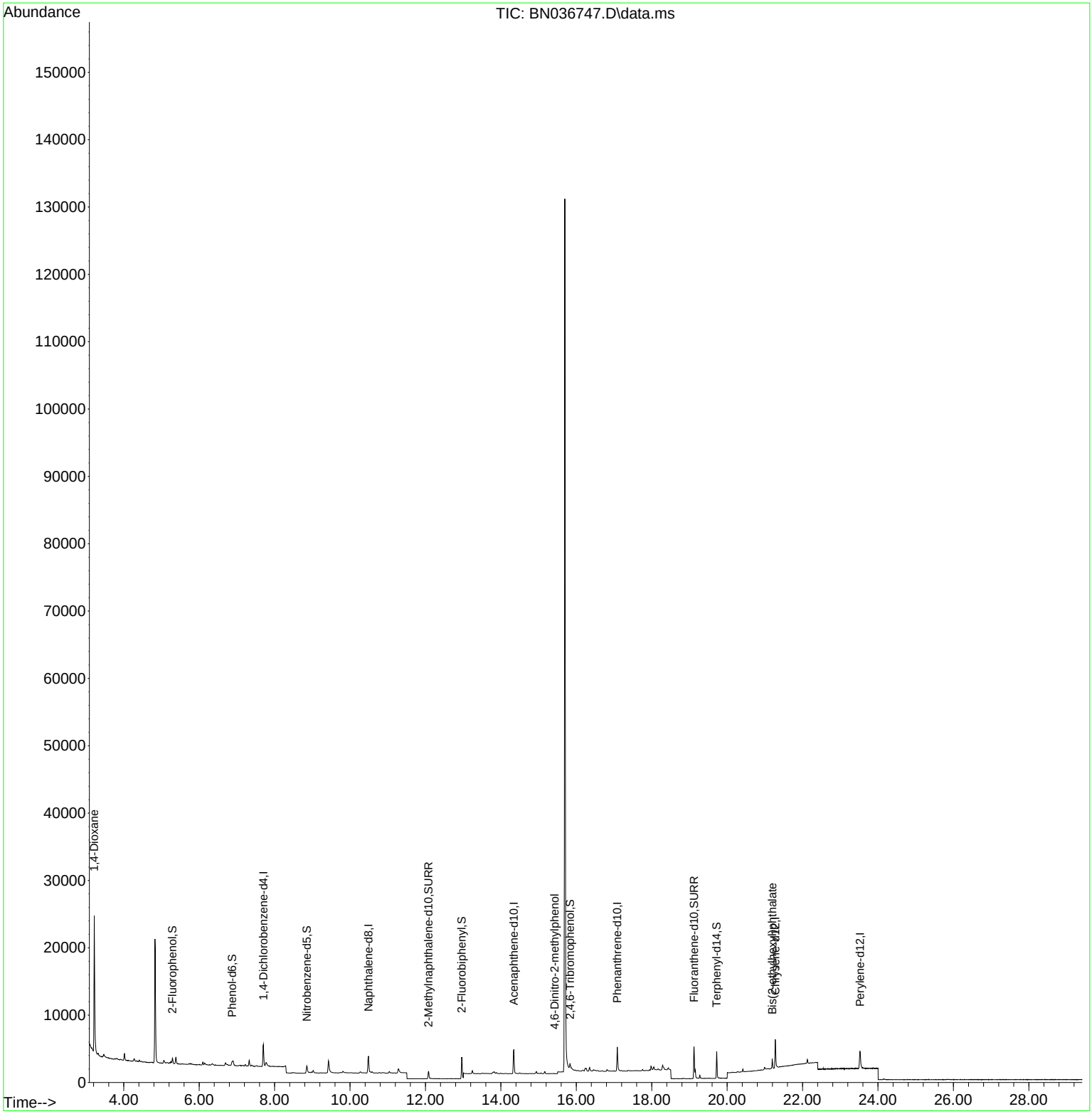
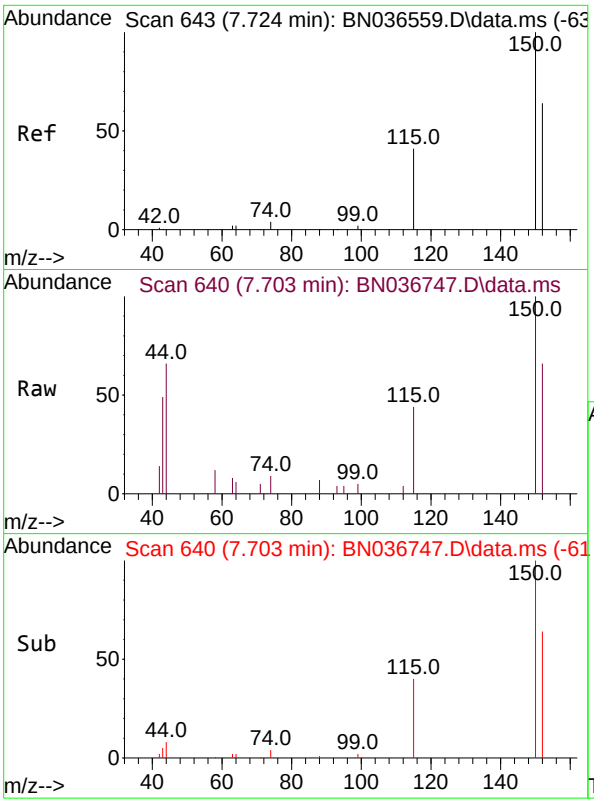


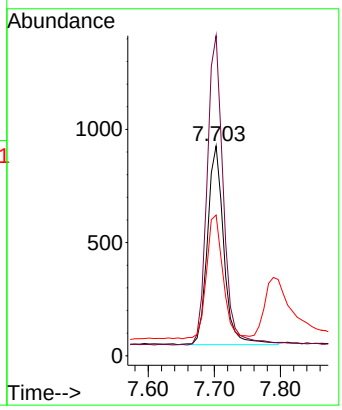


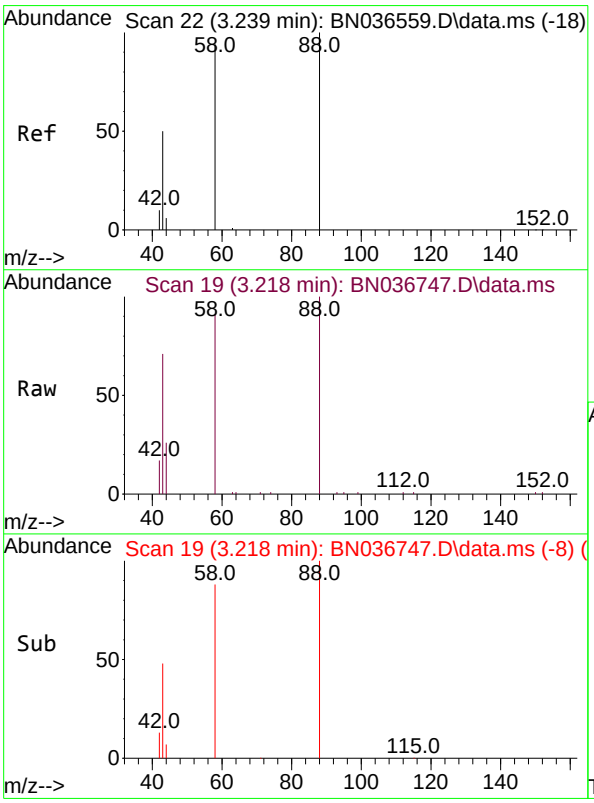
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:152 Resp: 1503

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.7	185.5
115	67.1	54.3	81.5

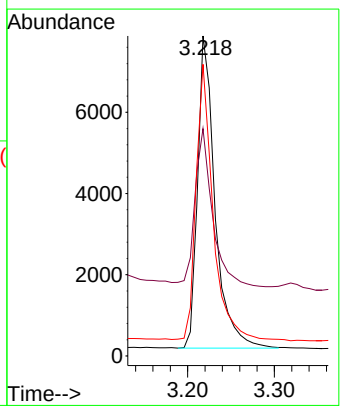


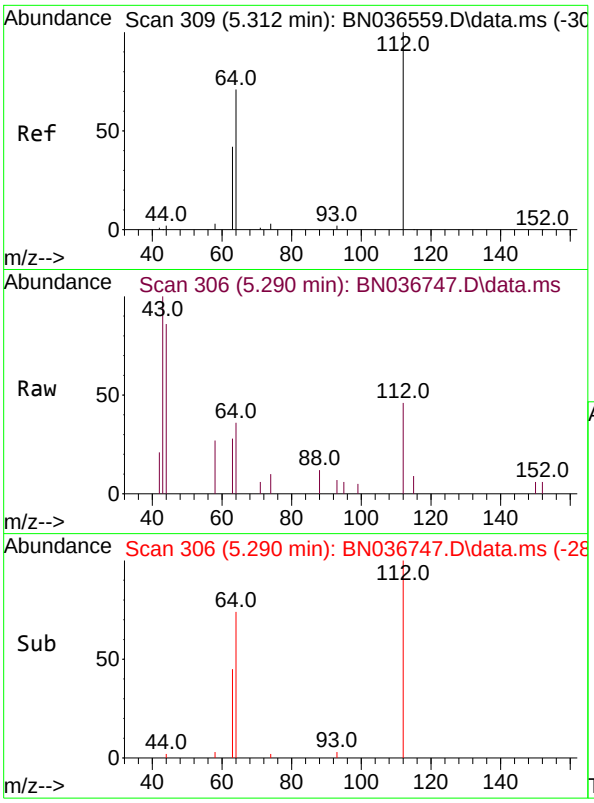


#2
1,4-Dioxane
Concen: 6.463 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.021 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion: 88 Resp: 10775

Ion	Ratio	Lower	Upper
88	100		
43	51.2	37.8	56.8
58	84.4	67.4	101.2



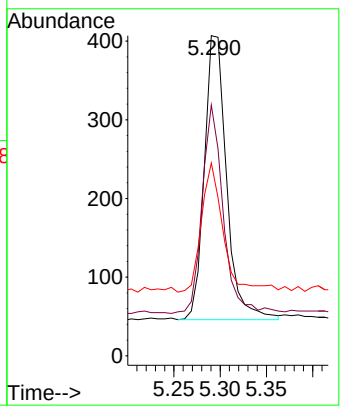


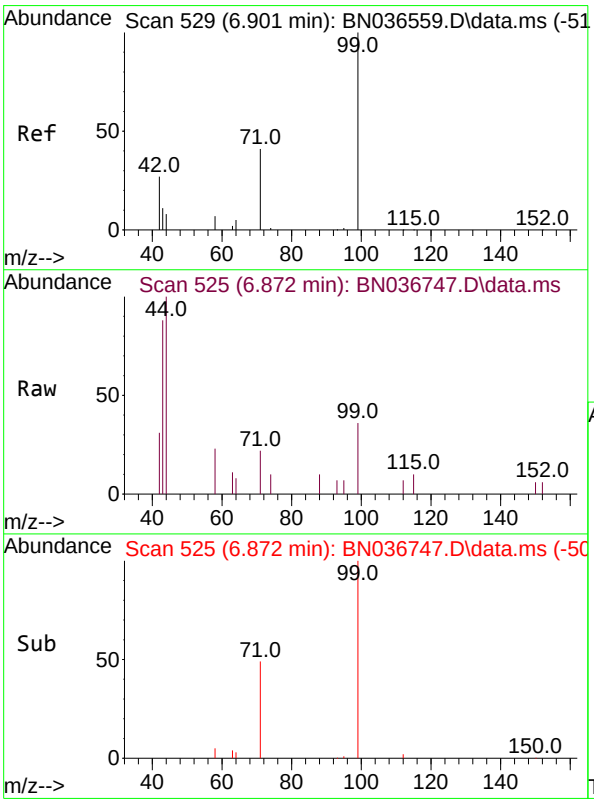
#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.290 min Scan# 3(
Delta R.T. -0.022 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:112 Resp: 604

Ion	Ratio	Lower	Upper
112	100		
64	69.4	53.1	79.7
63	45.2	31.8	47.8

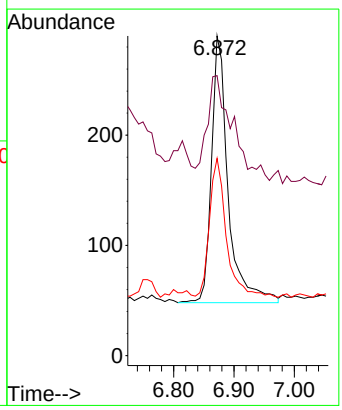


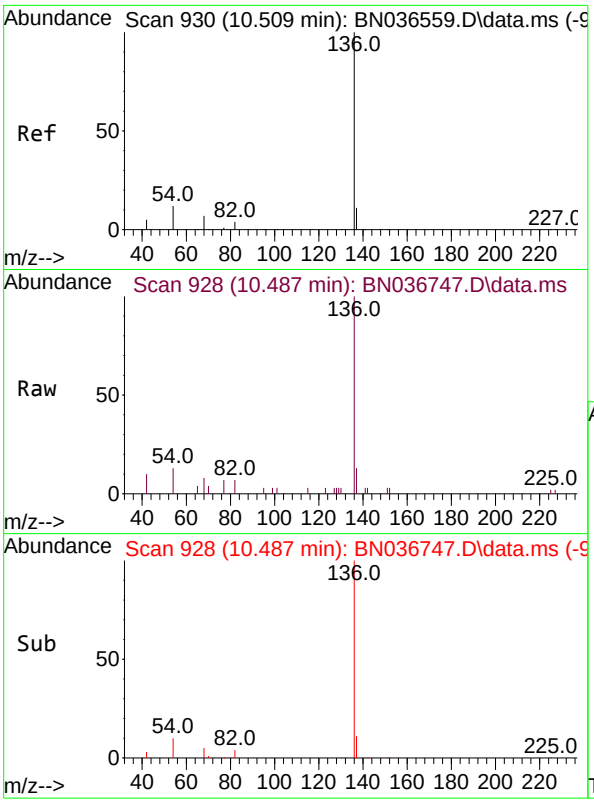


#5
Phenol-d6
Concen: 0.107 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion: 99 Resp: 464

Ion	Ratio	Lower	Upper
99	100		
42	59.7	26.5	39.7#
71	52.6	34.1	51.1#



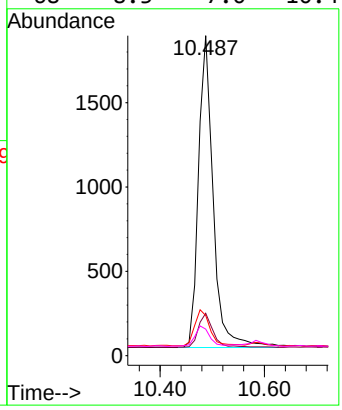


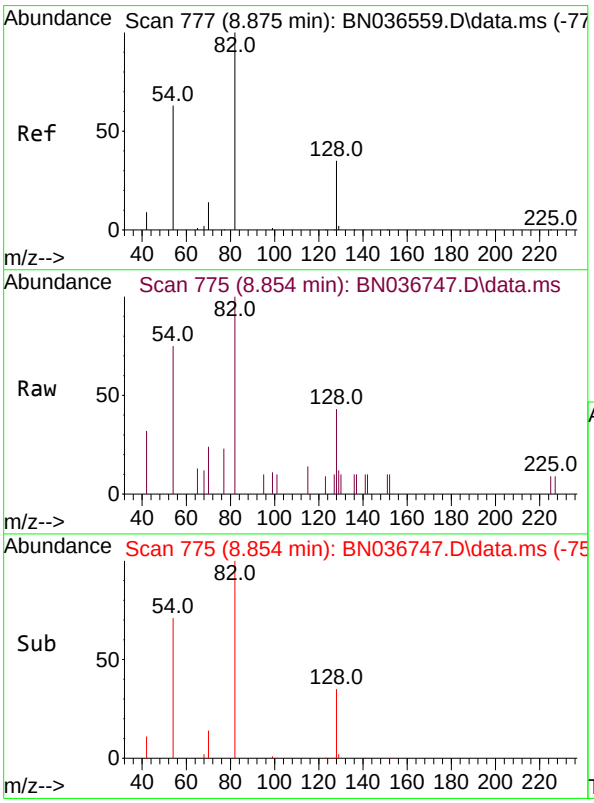
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:136 Resp: 3626

Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.3	15.5
54	12.5	11.5	17.3
68	8.3	7.0	10.4

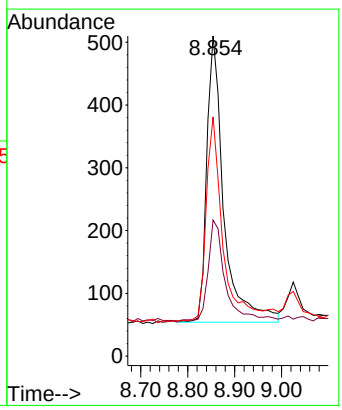


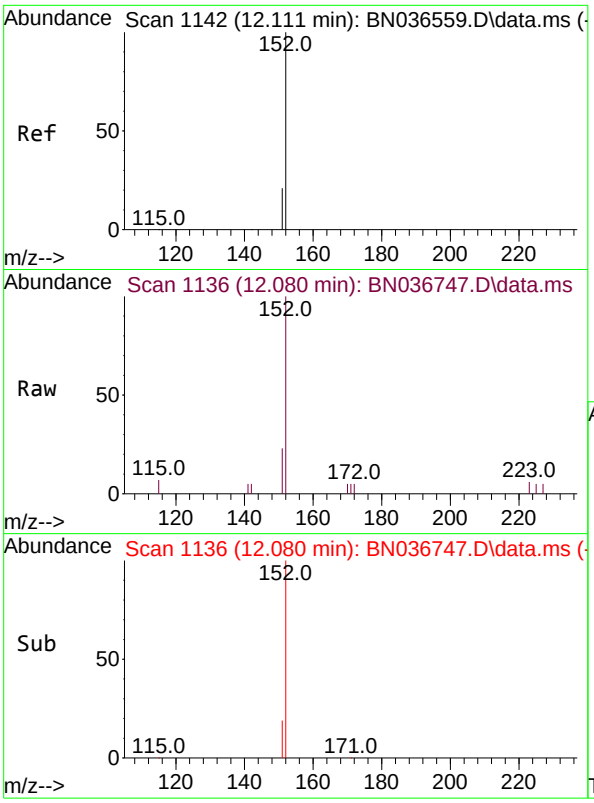


#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion: 82 Resp: 1149

Ion	Ratio	Lower	Upper
82	100		
128	42.5	30.6	45.8
54	74.7	52.2	78.4



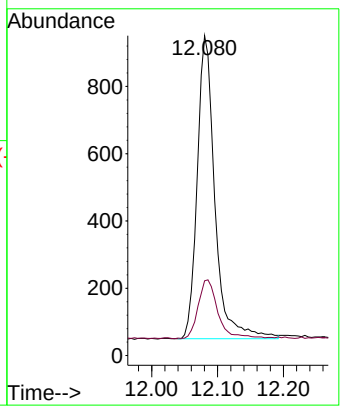


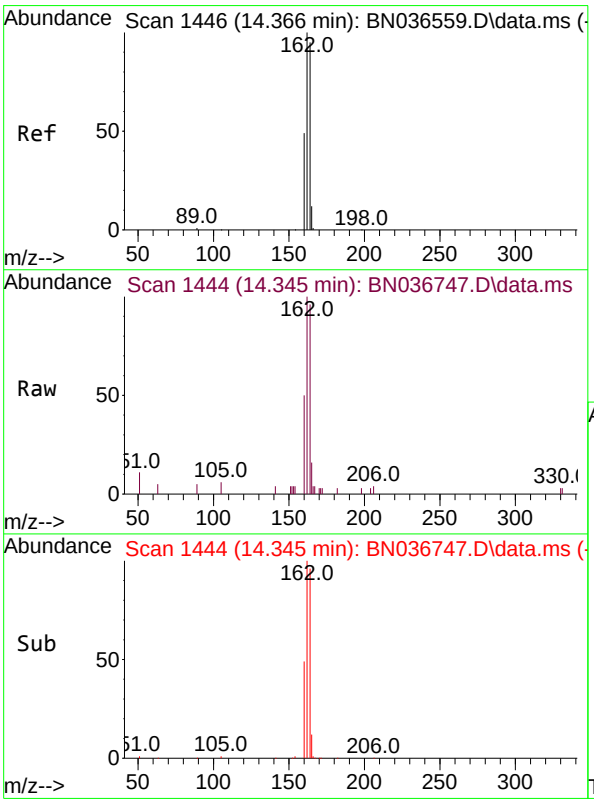
#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.080 min Scan# 11
Delta R.T. -0.030 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:152 Resp: 1680

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.0	25.6

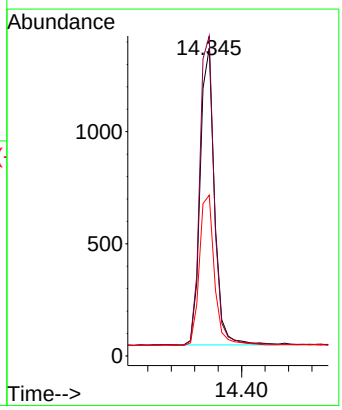


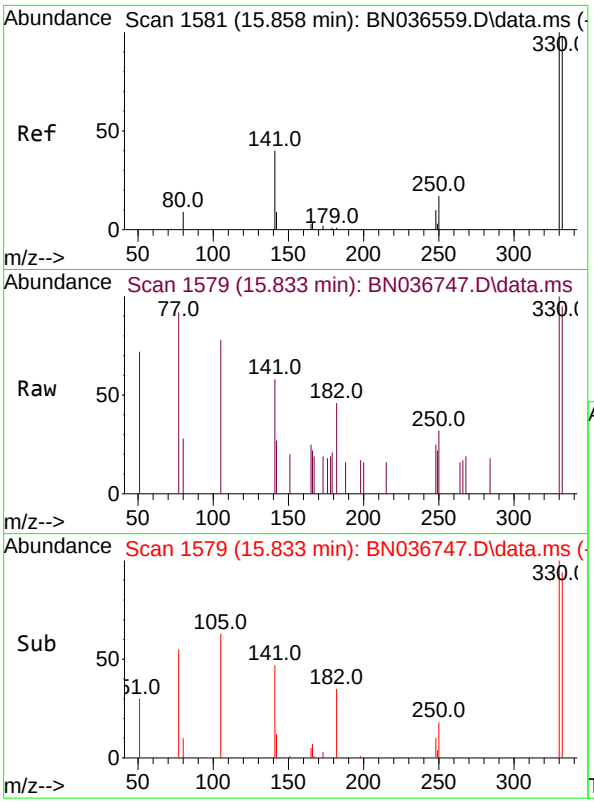


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion:164 Resp: 2260

Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.2	126.2
160	52.2	42.2	63.2



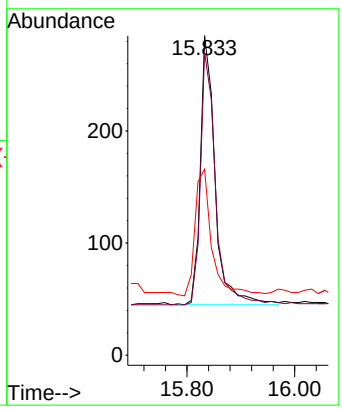


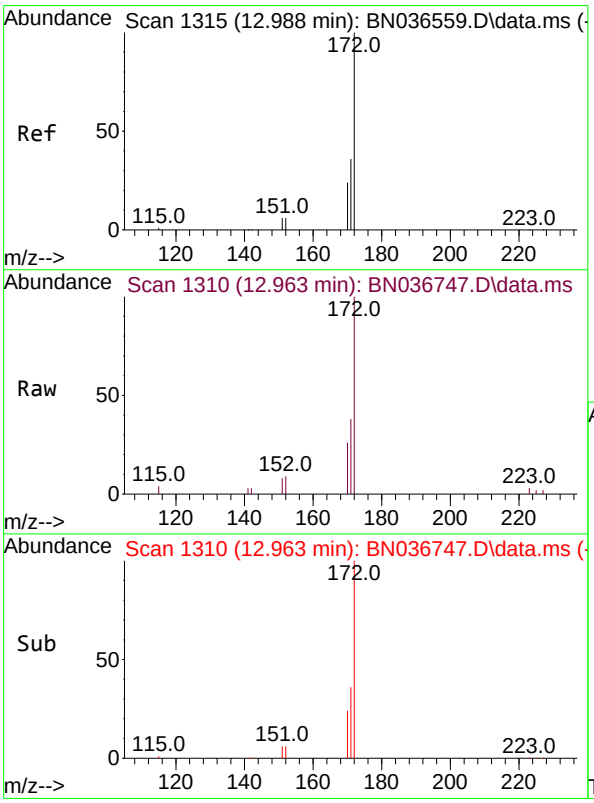
#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 15.833 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.2	112.8
141	51.4	43.4	65.2

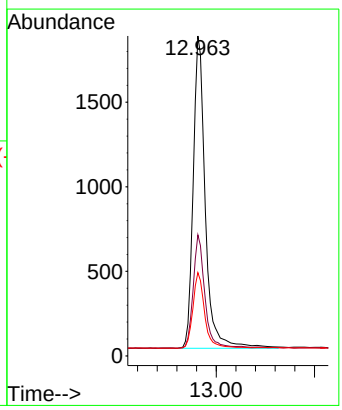


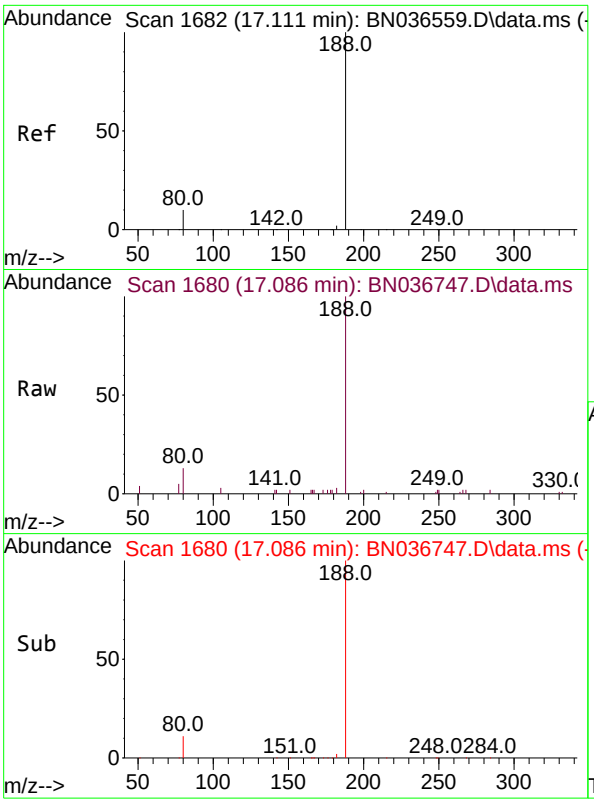


#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion:172 Resp: 4409

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.5	44.3
170	26.1	20.2	30.4



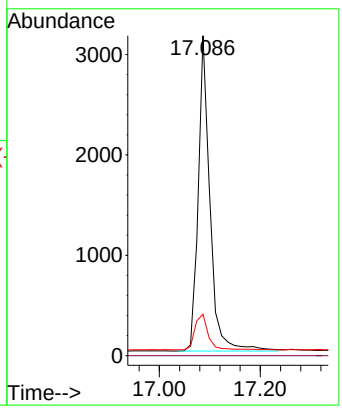


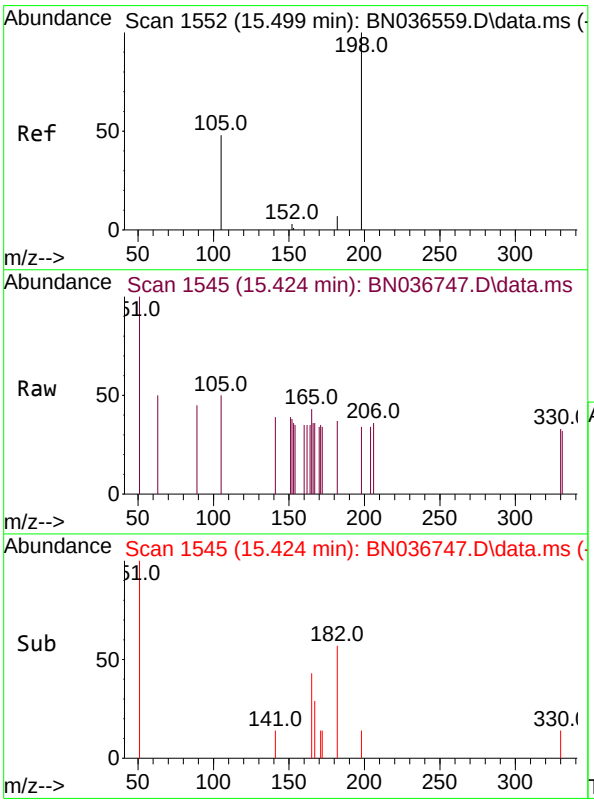
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:188 Resp: 5080

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	8.8	13.2

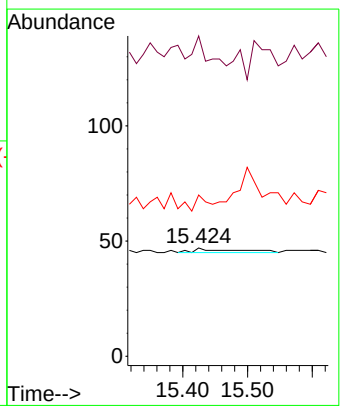


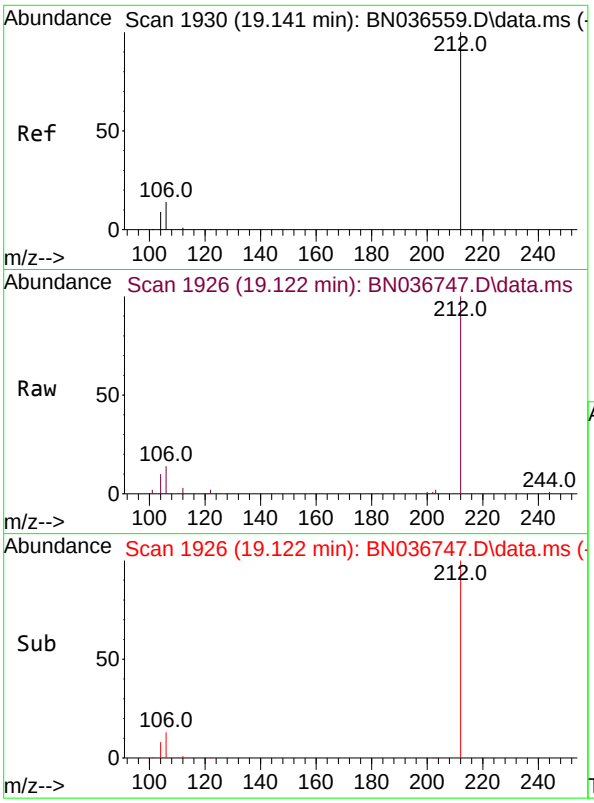


#20
4,6-Dinitro-2-methylphenol
Concen: 0.153 ng
RT: 15.424 min Scan# 1545
Delta R.T. -0.075 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion:198 Resp: 9

Ion	Ratio	Lower	Upper
198	100		
51	295.7	107.9	161.9#
105	148.9	56.2	84.2#



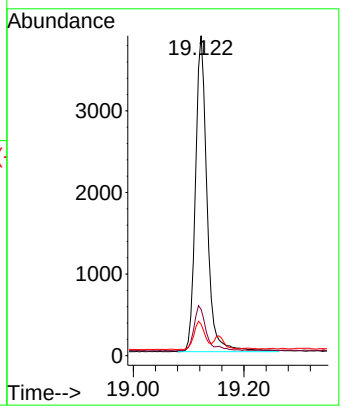


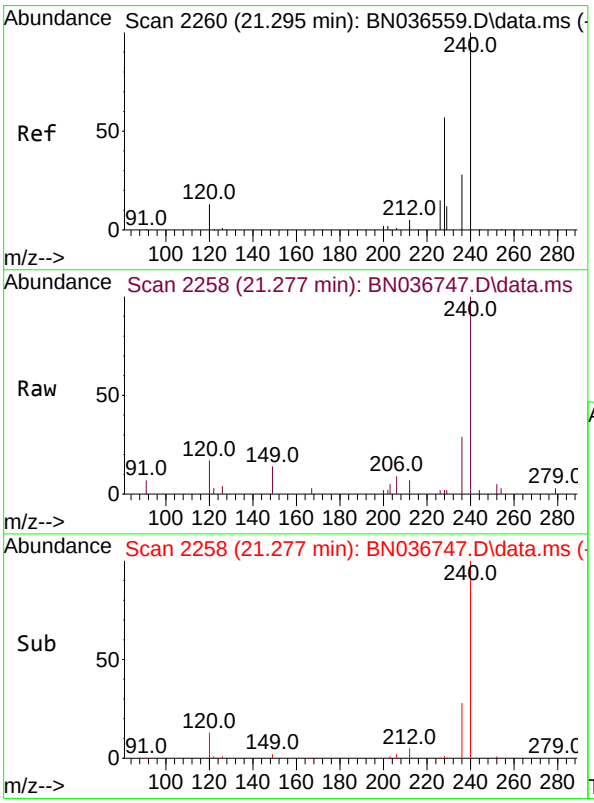
#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.122 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:212 Resp: 5663

Ion	Ratio	Lower	Upper
212	100		
106	15.3	11.8	17.6
104	8.6	7.3	10.9

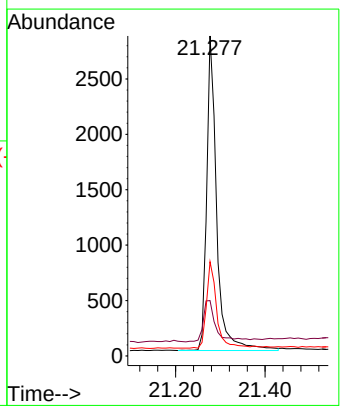


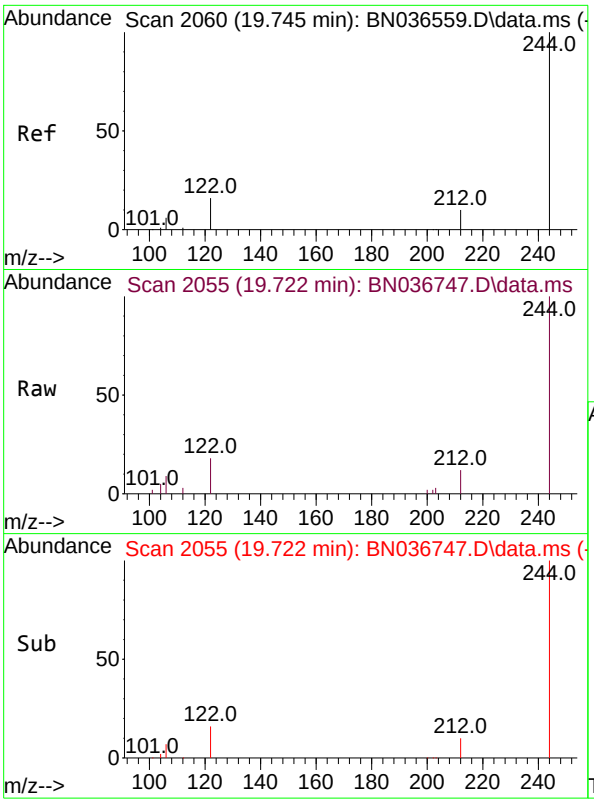


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion:240 Resp: 4409

Ion	Ratio	Lower	Upper
240	100		
120	17.3	14.6	22.0
236	29.5	24.1	36.1



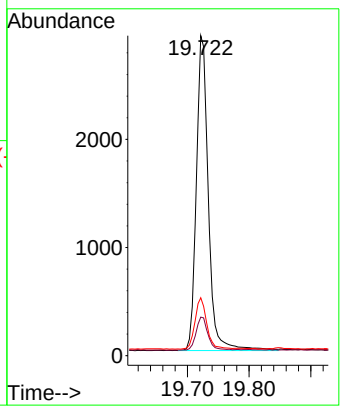


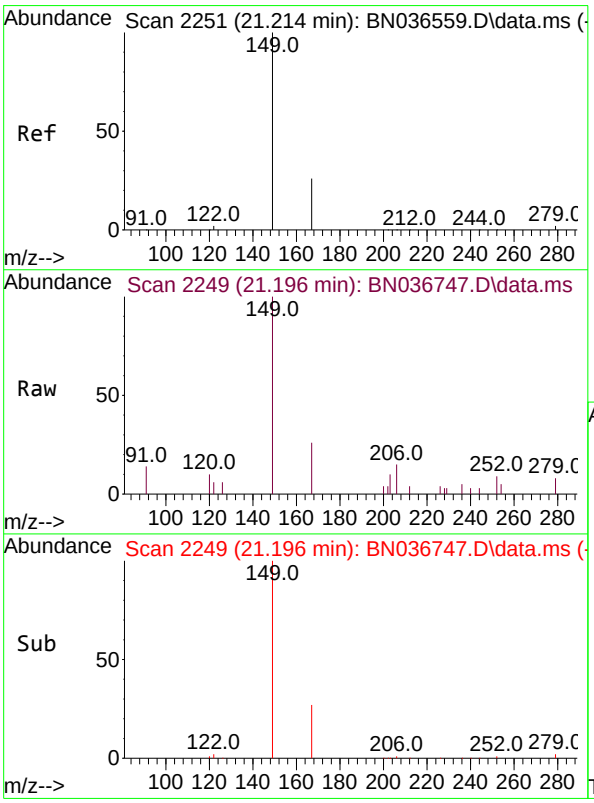
#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:244 Resp: 3962

Ion	Ratio	Lower	Upper
244	100		
212	12.0	9.6	14.4
122	18.1	13.9	20.9

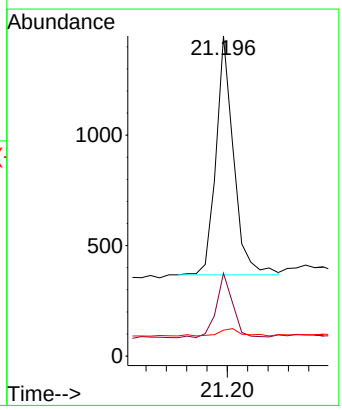


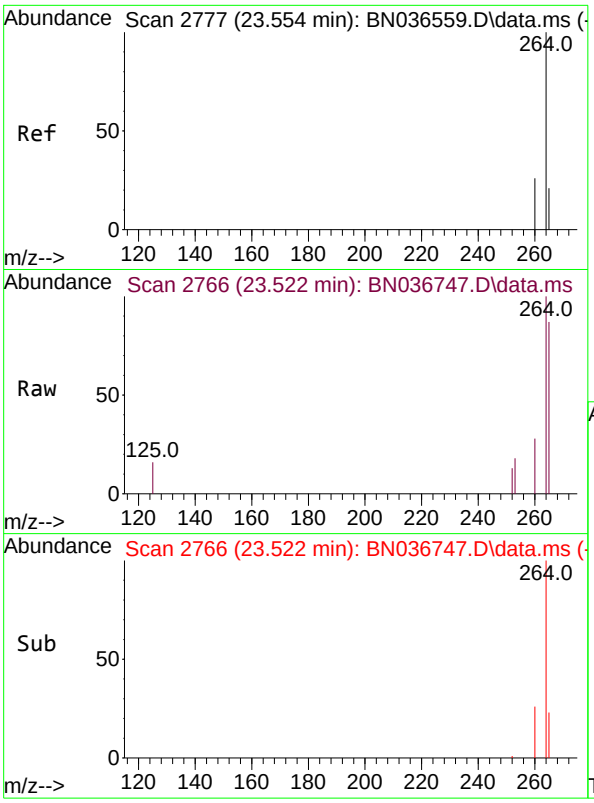


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Tgt Ion:149 Resp: 1295

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.7	31.1
279	3.6	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2
Delta R.T. -0.032 min
Lab File: BN036747.D
Acq: 27 Mar 2025 21:03

Instrument :
BNA_N
ClientSampleId :
RE132D2-20250318

Tgt Ion:264 Resp: 3909

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.6	33.8
265	86.7	88.1	132.1#