Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036781.D
Acq On : 28 Mar 2025 20:02
Operator : RC/JU
Sample : Q1608-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Quant Time: Mar 28 22:52:44 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	7.696	152	1632	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3714	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2302	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5150	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4271	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3690	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	527	0.139	ng	-0.02
5) Phenol-d6	6.872	99	366	0.078	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1178	0.292	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	1696	0.307	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	436	0.417	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	3874	0.289	ng	-0.02
27) Fluoranthene-d10	19.118	212	5801	0.439	ng	-0.02
31) Terphenyl-d14	19.717	244	4087	0.399	ng	-0.03
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.196	149	581	0.055	ng	# 94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036781.D
Acq On : 28 Mar 2025 20:02
Operator : RC/JU
Sample : Q1608-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

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RW8-MW01D3-20250319

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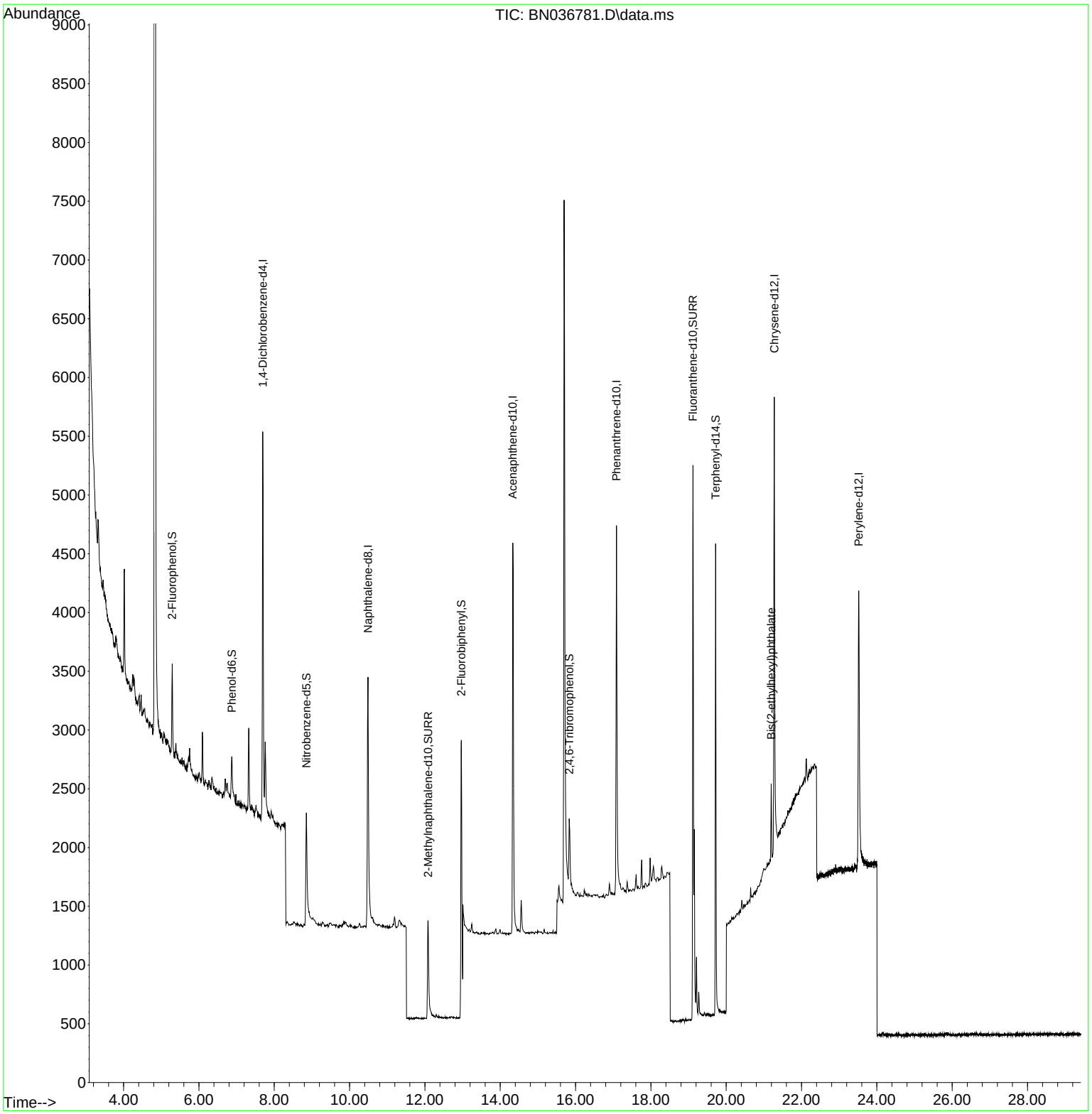
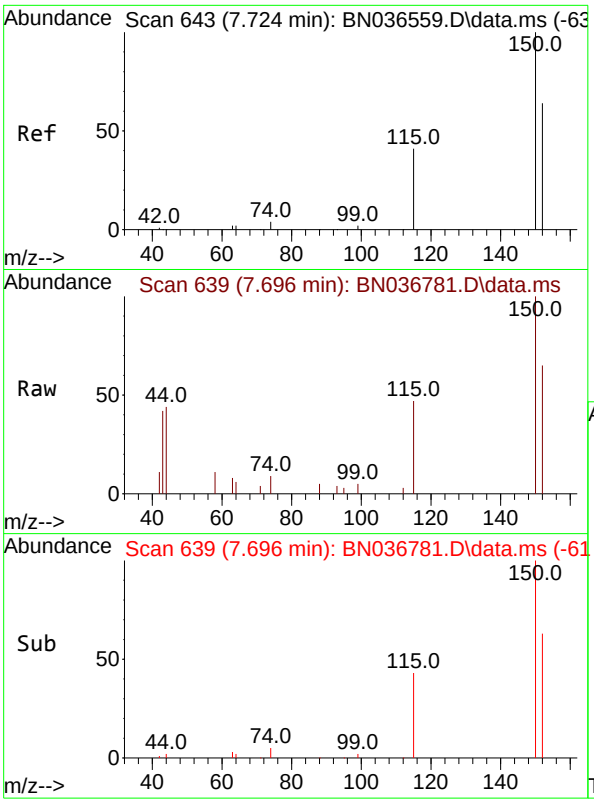


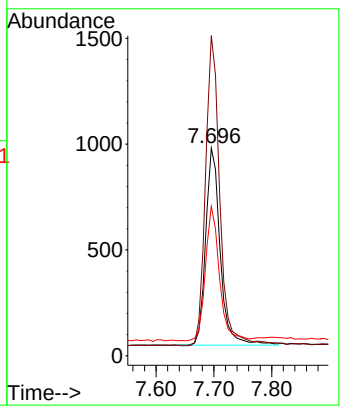


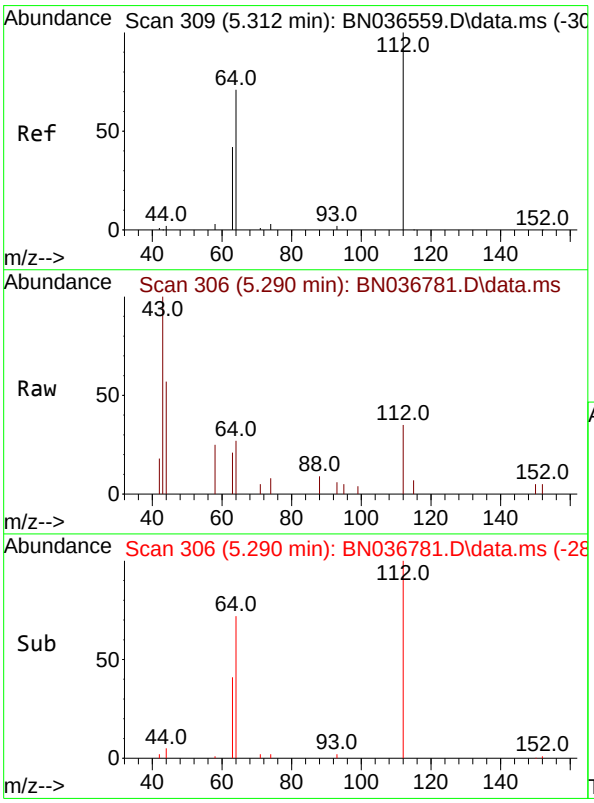
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.696 min Scan# 6
Delta R.T. -0.029 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion:152 Resp: 1632

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	71.9	54.3	81.5

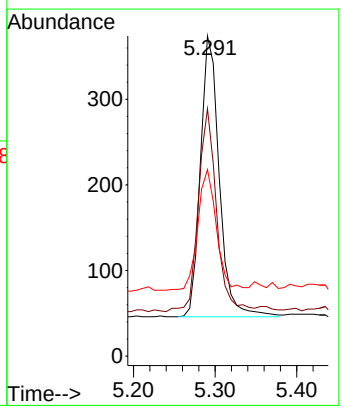


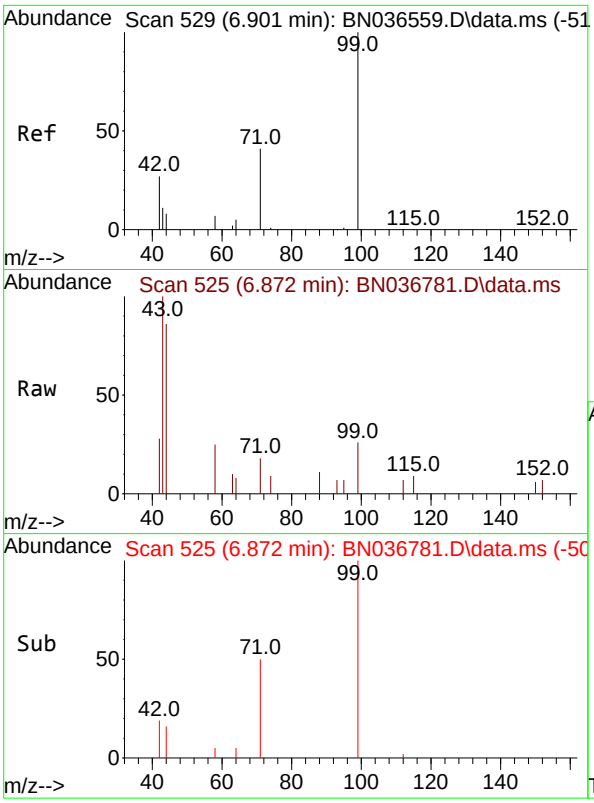


#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:112 Resp: 527

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.1	79.7
63	42.1	31.8	47.8



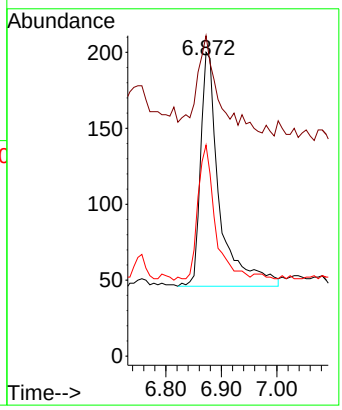


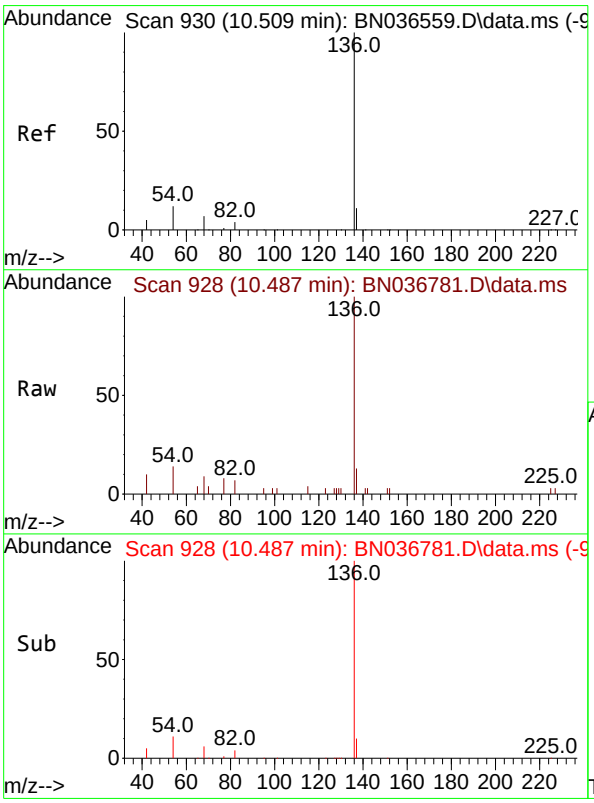
#5
Phenol-d6
Concen: 0.078 ng
RT: 6.872 min Scan# 5
Delta R.T. -0.029 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion: 99 Resp: 366

Ion	Ratio	Lower	Upper
99	100		
42	33.6	26.5	39.7
71	53.3	34.1	51.1#

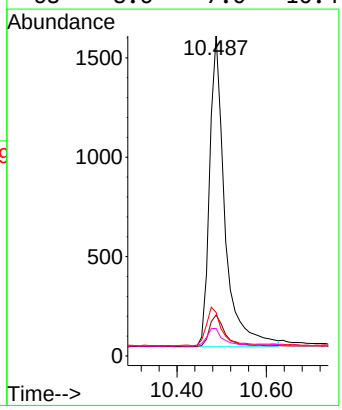


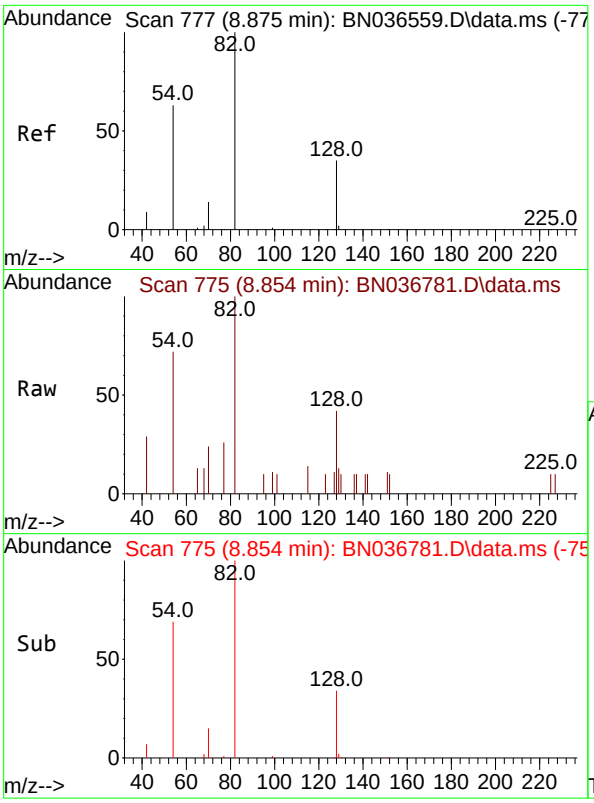


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:136 Resp: 3714

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	13.6	11.5	17.3
68	8.6	7.0	10.4



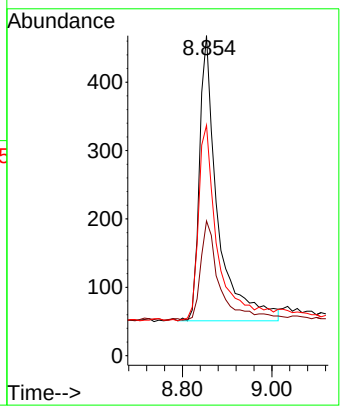


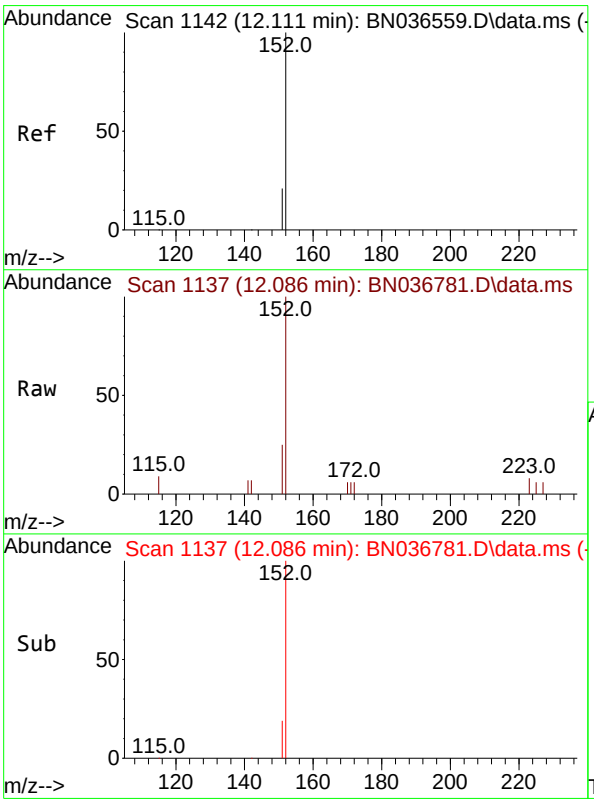
#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.854 min Scan# 7
Delta R.T. -0.021 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion: 82 Resp: 1178

Ion	Ratio	Lower	Upper
82	100		
128	42.1	30.6	45.8
54	72.0	52.2	78.4

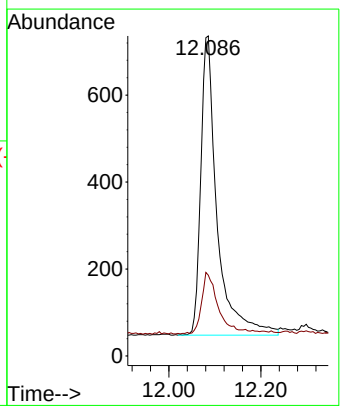


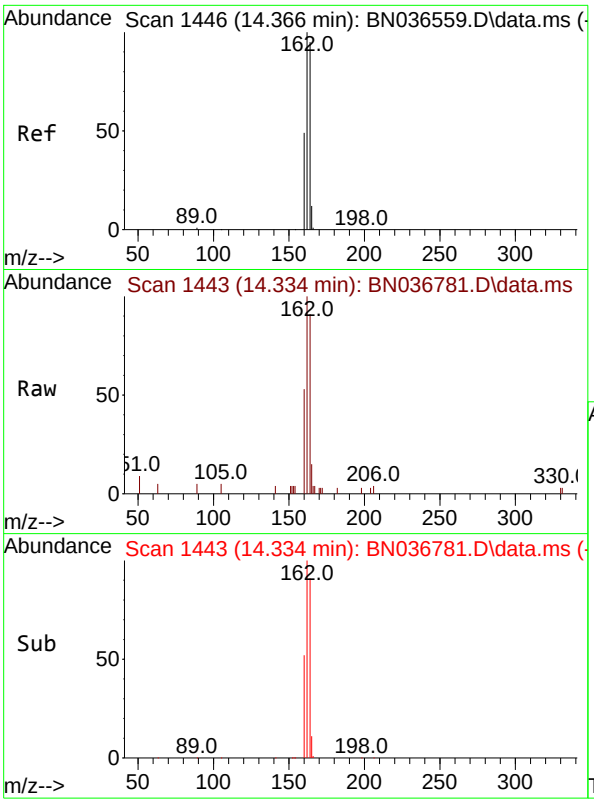


#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.025 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:152 Resp: 1696

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6



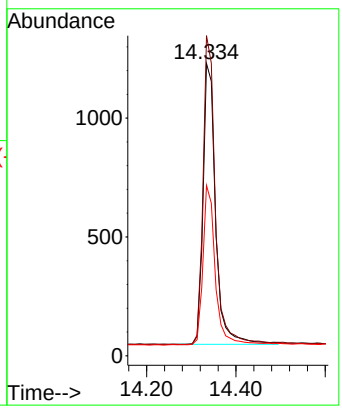


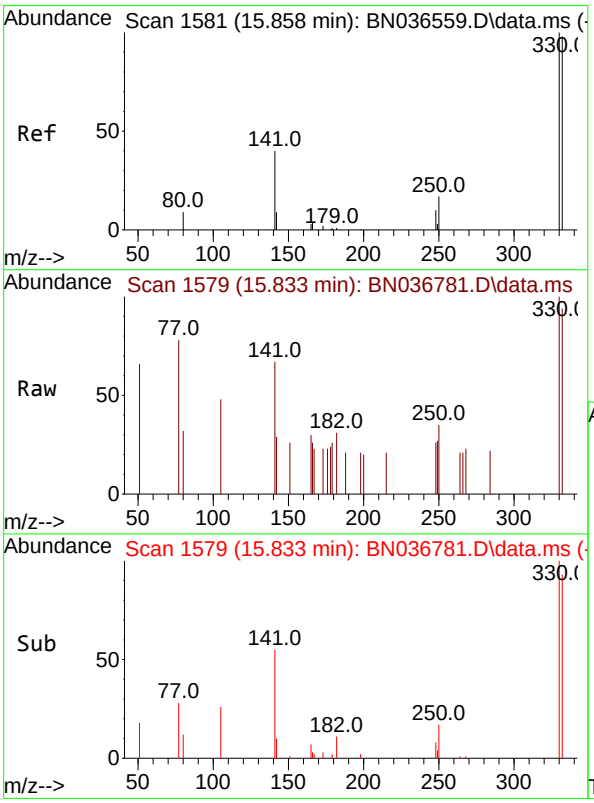
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion:164 Resp: 2302

Ion	Ratio	Lower	Upper
164	100		
162	109.5	84.2	126.2
160	58.3	42.2	63.2

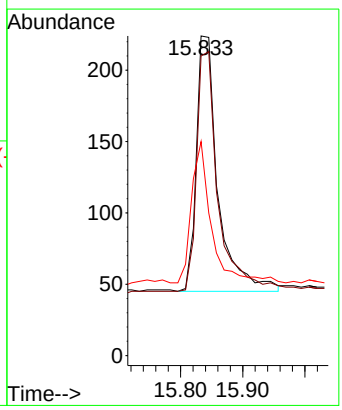


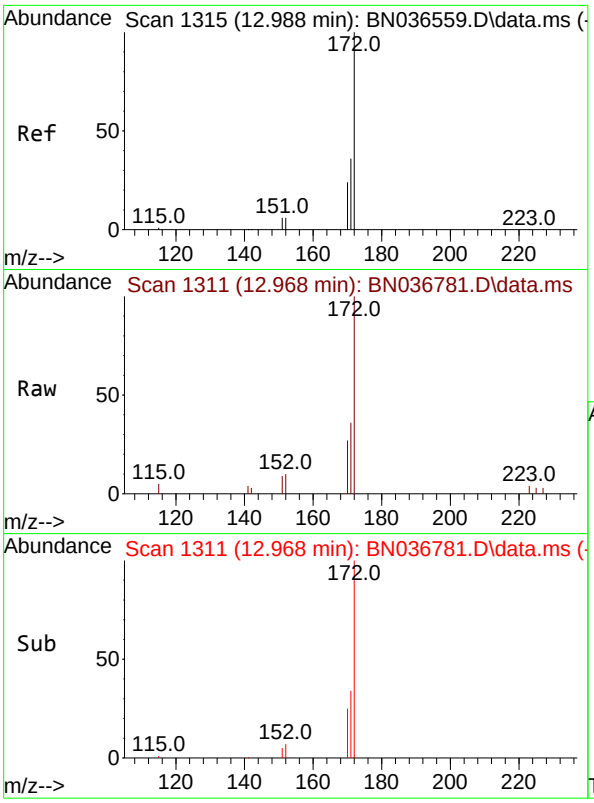


#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:330 Resp: 436

Ion	Ratio	Lower	Upper
330	100		
332	93.3	75.2	112.8
141	50.0	43.4	65.2



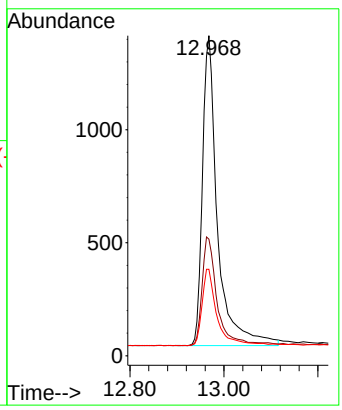


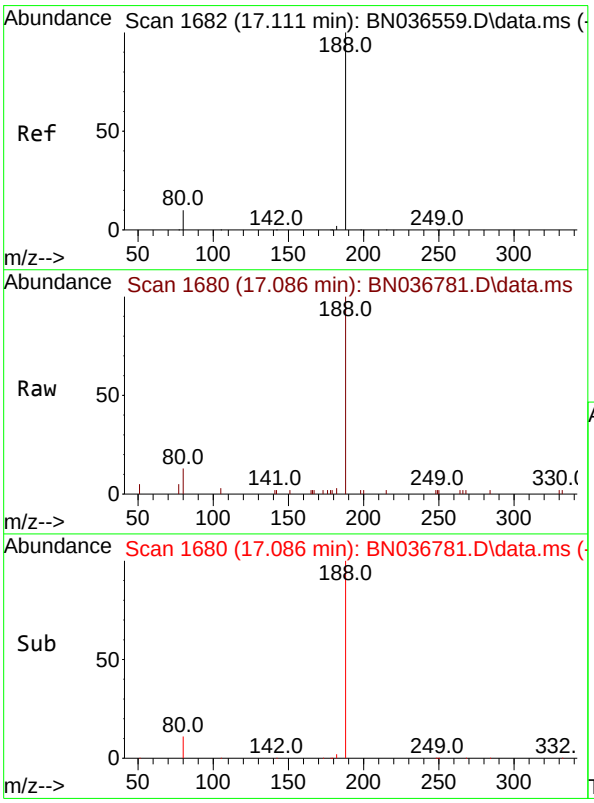
#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.968 min Scan# 1
Delta R.T. -0.020 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion:172 Resp: 3874

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	27.0	20.2	30.4

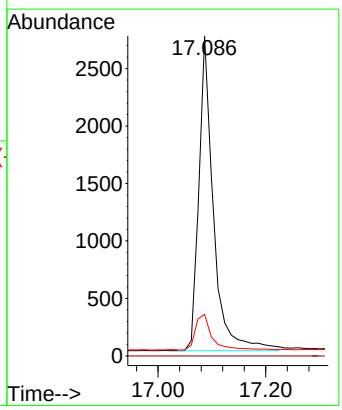


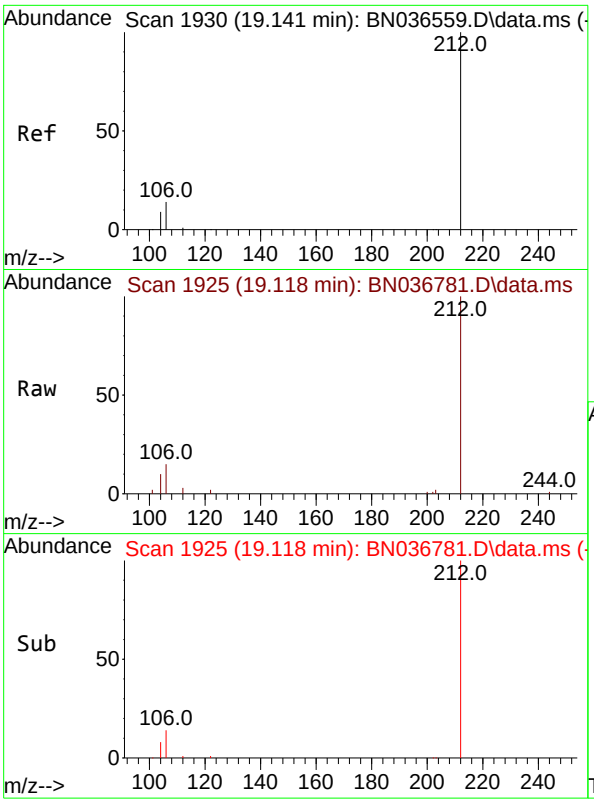


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:188 Resp: 5150

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	8.8	13.2



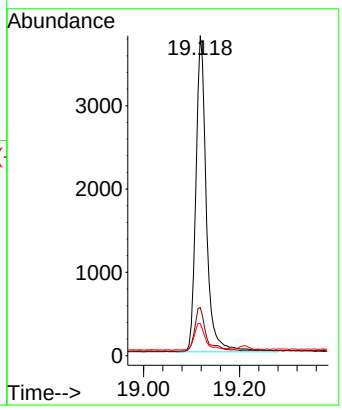


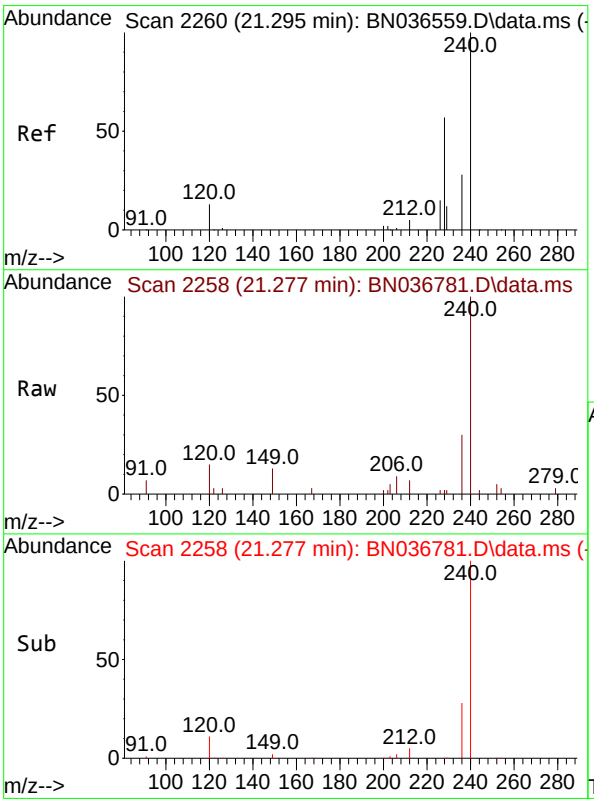
#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.118 min Scan# 1
Delta R.T. -0.023 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion:212 Resp: 5801

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.8	17.6
104	8.7	7.3	10.9

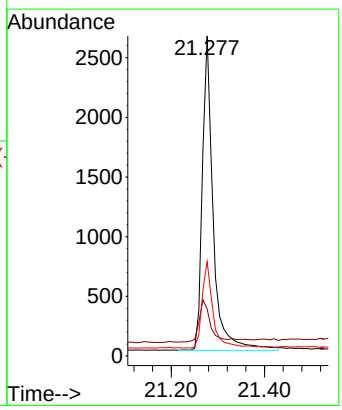


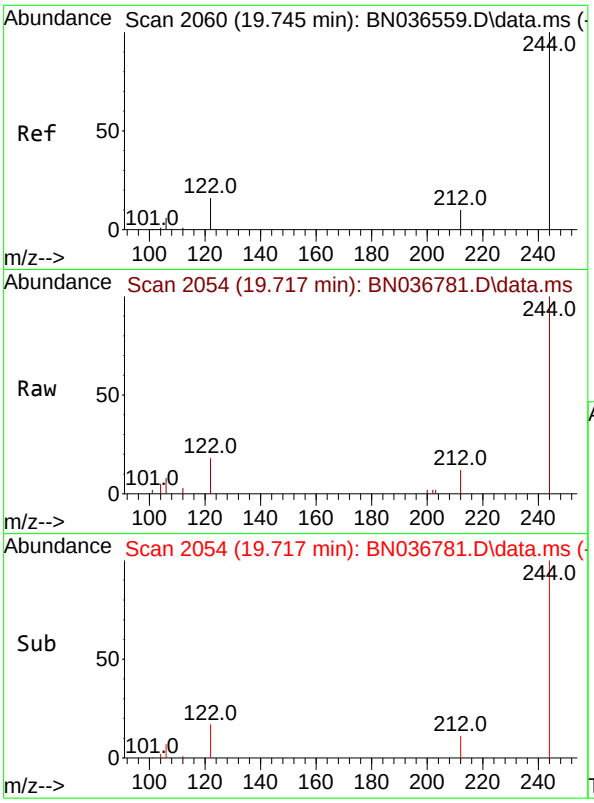


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:240 Resp: 4271

Ion	Ratio	Lower	Upper
240	100		
120	14.7	14.6	22.0
236	29.5	24.1	36.1



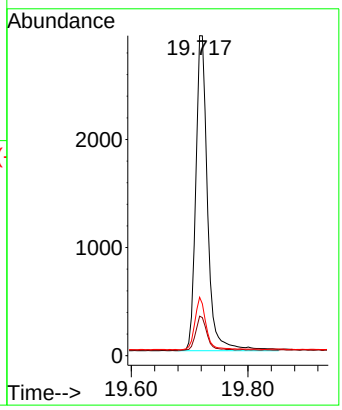


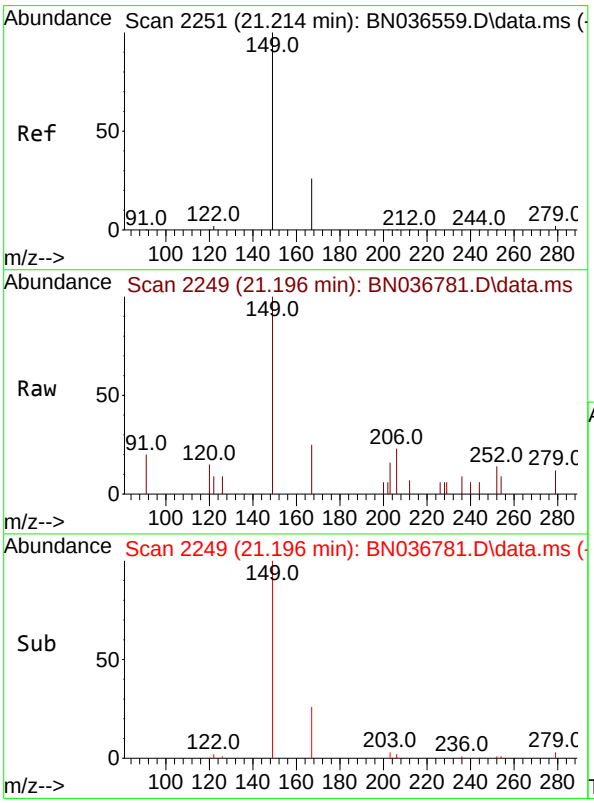
#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.717 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion:244 Resp: 4087

Ion	Ratio	Lower	Upper
244	100		
212	12.4	9.6	14.4
122	18.2	13.9	20.9

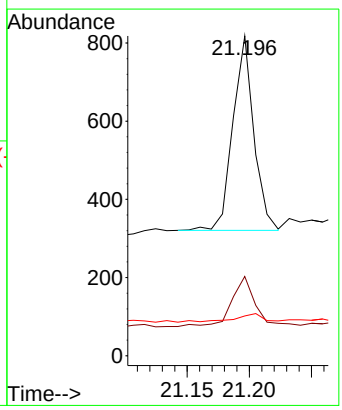


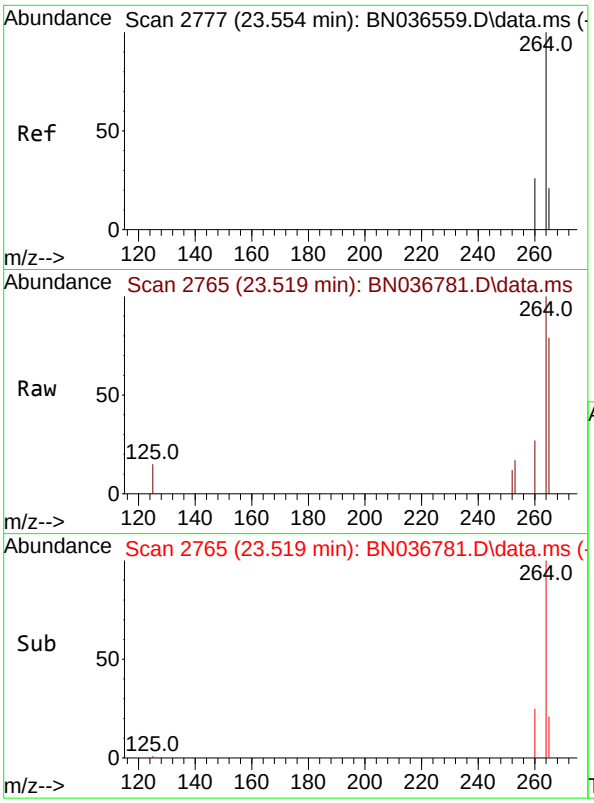


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:149 Resp: 581

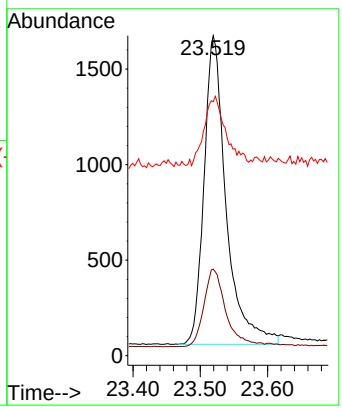
Ion	Ratio	Lower	Upper
149	100		
167	29.1	20.7	31.1
279	6.0	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.035 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion:264 Resp: 3690

Ion	Ratio	Lower	Upper
264	100		
260	27.0	22.6	33.8
265	79.3	88.1	132.1#