Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036819.D
Acq On : 03 Apr 2025 13:00
Operator : RC/JU
Sample : Q1690-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW112010

Quant Time: Apr 03 13:29:52 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	7.695	152	2445	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	6318	0.400	ng		-0.03
13) Acenaphthene-d10	14.334	164	4484	0.400	ng		-0.03
19) Phenanthrene-d10	17.074	188	9360	0.400	ng		#-0.04
29) Chrysene-d12	21.268	240	9514	0.400	ng		-0.03
35) Perylene-d12	23.510	264	8772	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	0.000	112	0d	0.000	ng		
5) Phenol-d6	0.000	99	0d	0.000	ng		
8) Nitrobenzene-d5	8.843	82	1931	0.281	ng		-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3100	0.330	ng		-0.04
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
15) 2-Fluorobiphenyl	12.953	172	6361	0.244	ng		-0.04
27) Fluoranthene-d10	19.113	212	10017	0.418	ng		-0.03
31) Terphenyl-d14	19.712	244	8290	0.364	ng		-0.03
Target Compounds							Qvalue
17) Acenaphthene	14.398	154	1948	0.141	ng		98
18) Fluorene	15.382	166	1289	0.069	ng	#	96
28) Fluoranthene	19.141	202	3419	0.108	ng		97
30) Pyrene	19.508	202	4385	0.094	ng	#	95
34) Bis(2-ethylhexyl)phtha...	21.187	149	6479	0.275	ng	#	90

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

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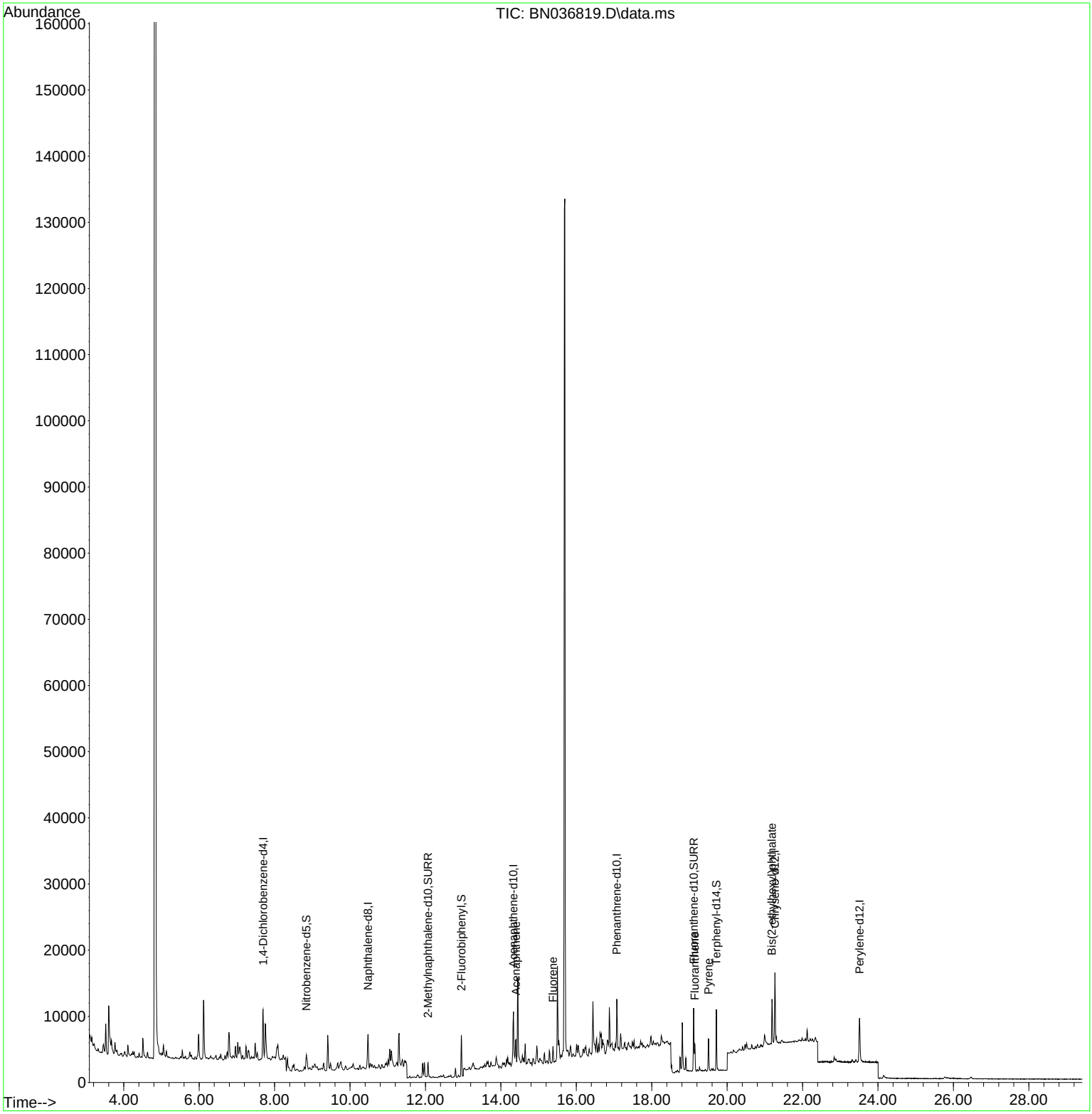
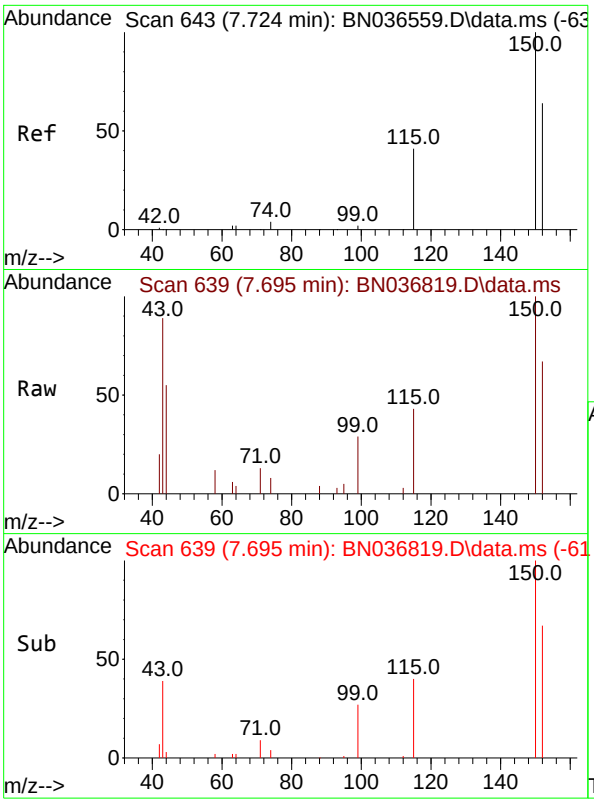


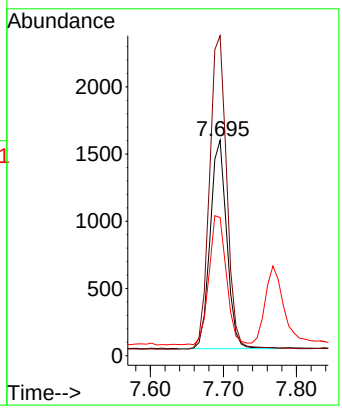


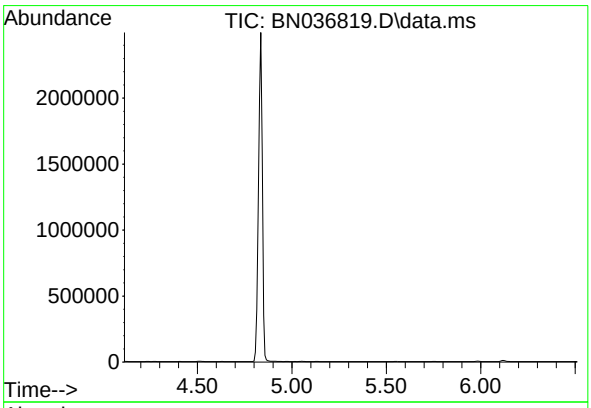
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 6
Delta R.T. -0.029 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:152 Resp: 2445

Ion	Ratio	Lower	Upper
152	100		
150	148.6	123.7	185.5
115	64.2	54.3	81.5



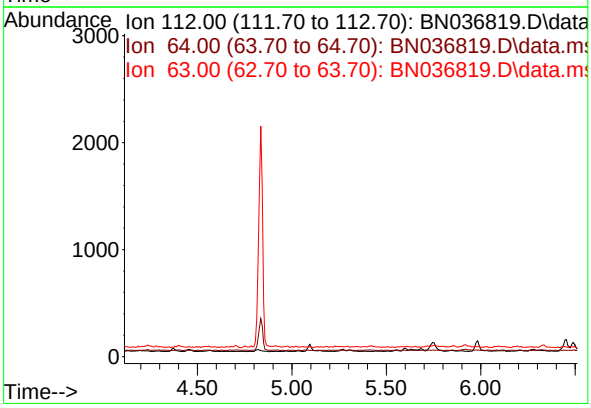


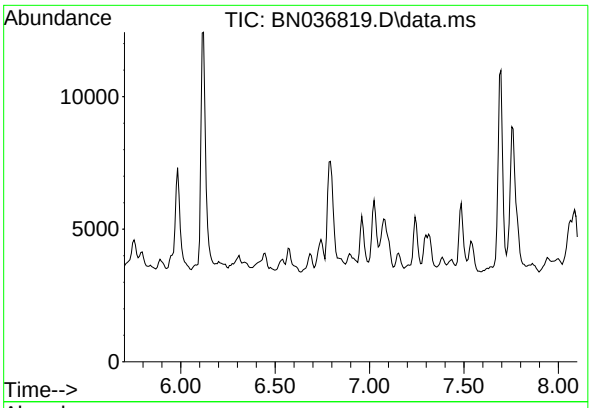
#4
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.31 min

Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.4
63	39.8





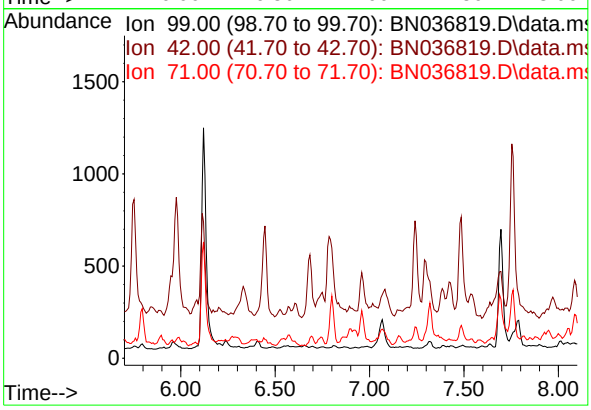
#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.90 min

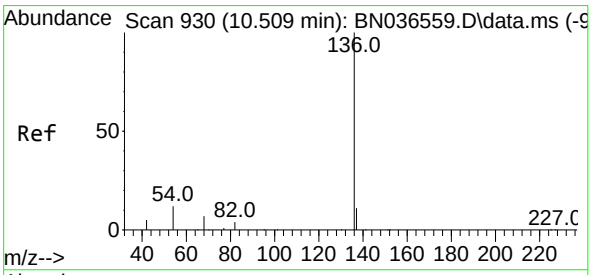
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

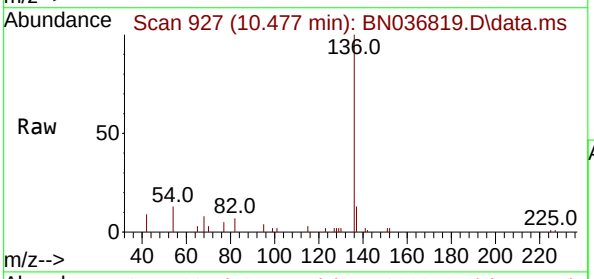
Instrument :
BNA_N
ClientSampleId :
MW112010

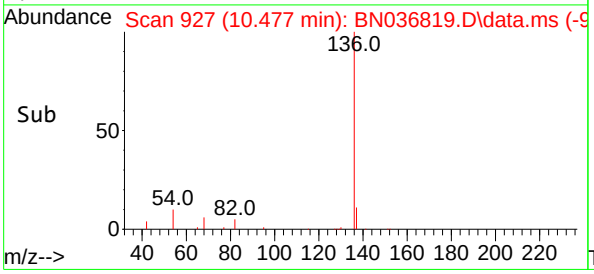
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	33.1
71	42.6





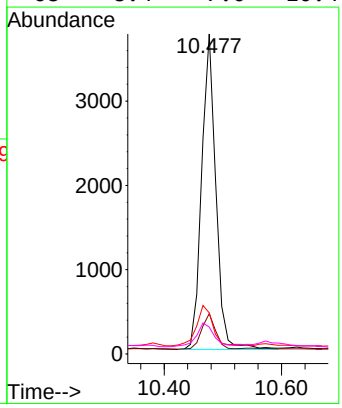


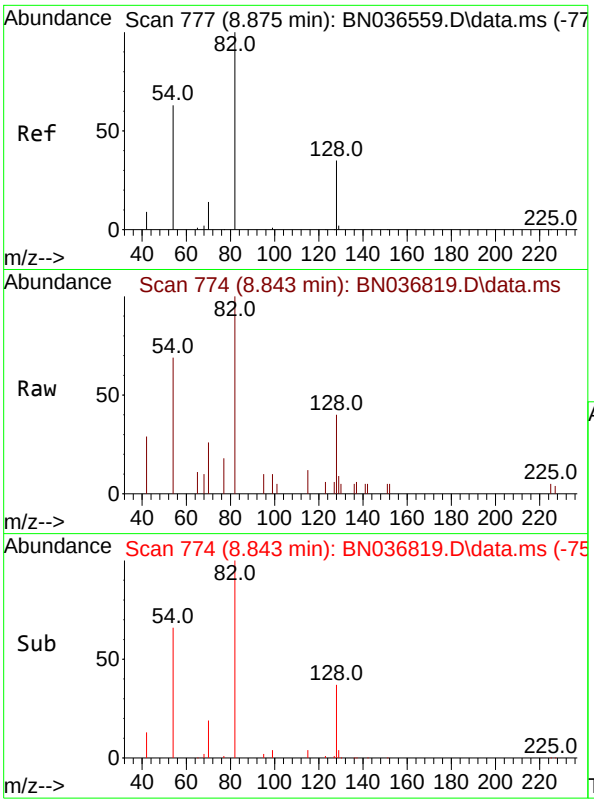


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:136 Resp: 6318

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.3	15.5
54	12.8	11.5	17.3
68	8.4	7.0	10.4



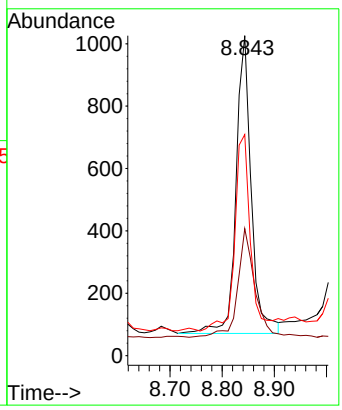


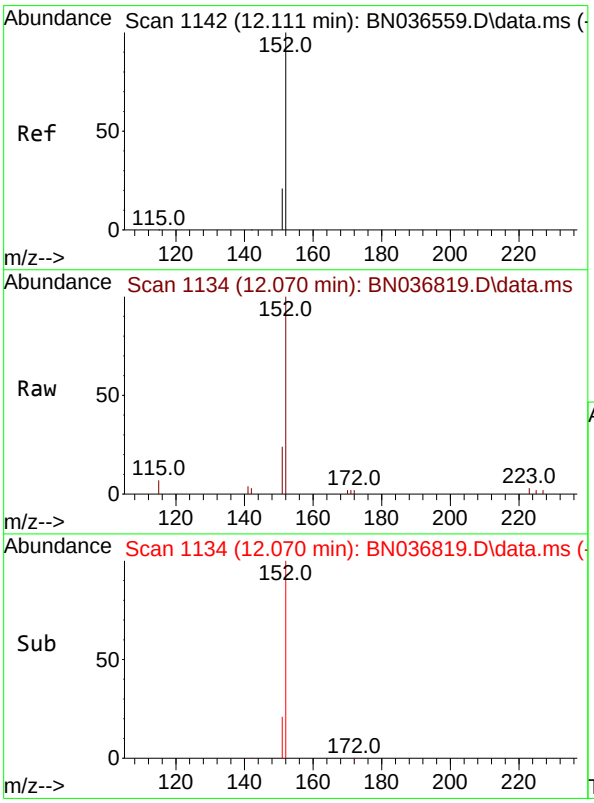
#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.843 min Scan# 7
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion: 82 Resp: 1931

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.6	45.8
54	69.1	52.2	78.4

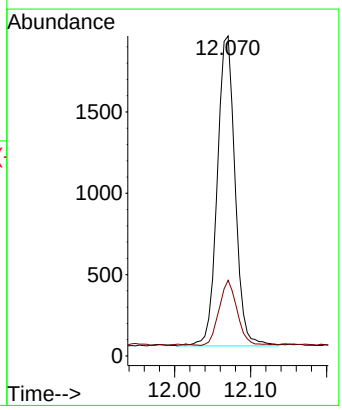


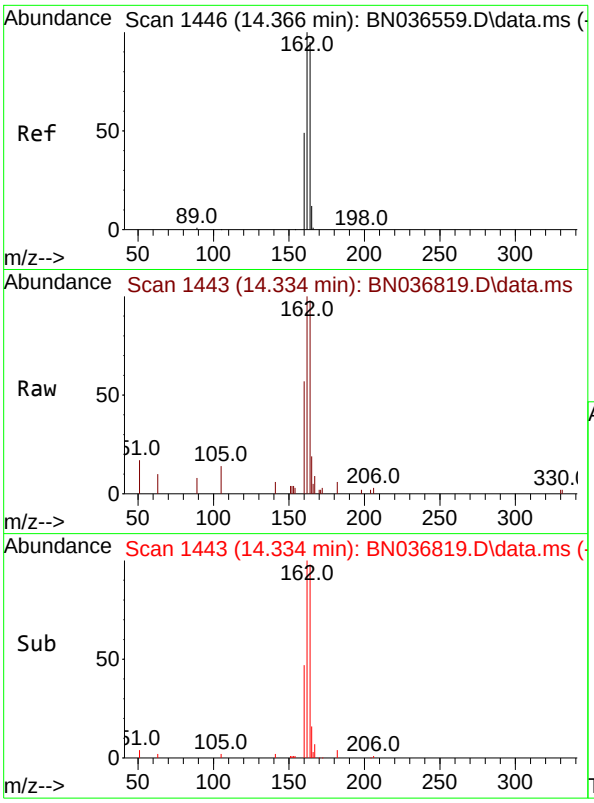


#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.070 min Scan# 1134
Delta R.T. -0.040 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:152 Resp: 3100

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.6



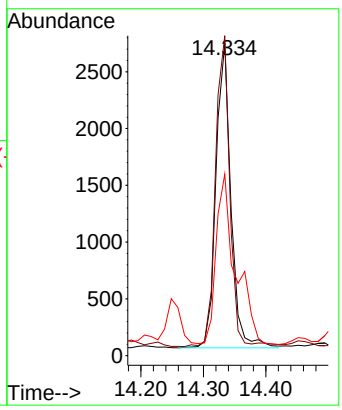


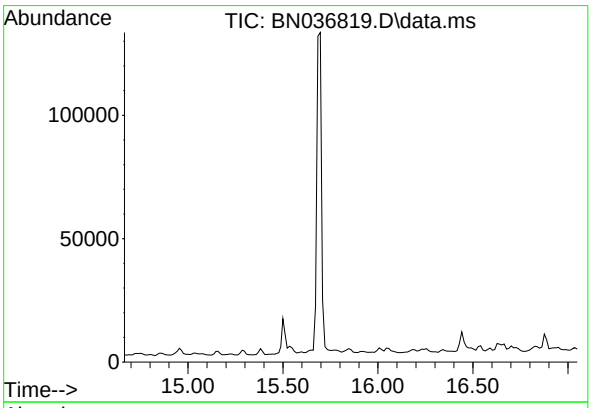
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:164 Resp: 4484

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.2	126.2
160	58.1	42.2	63.2



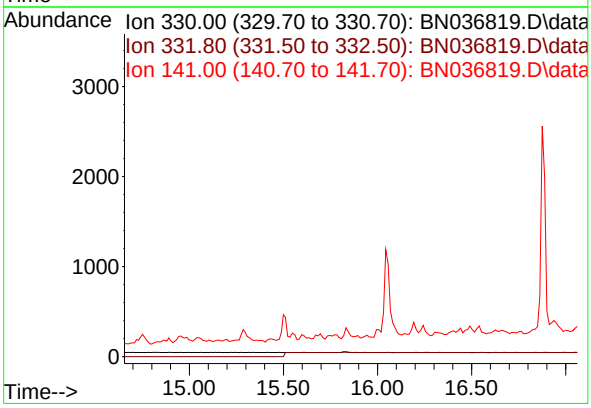


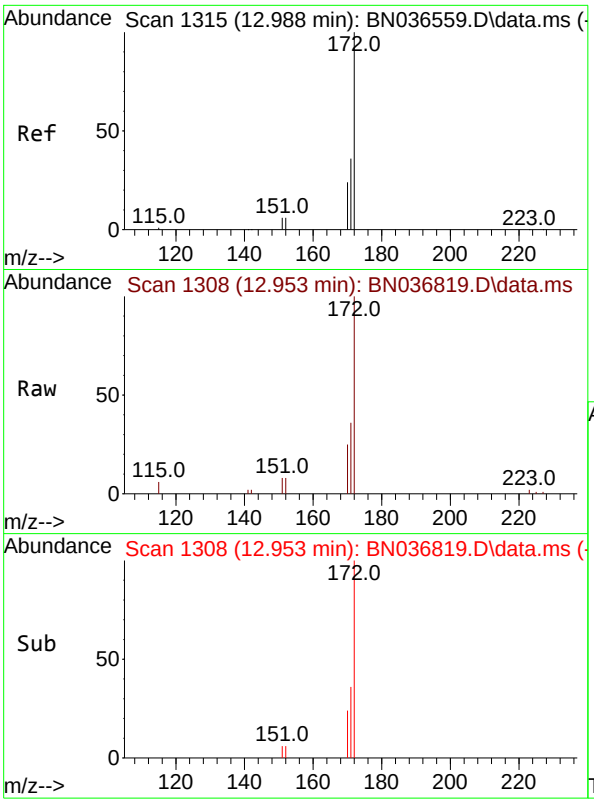
#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.86 min

Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.0
141	54.3



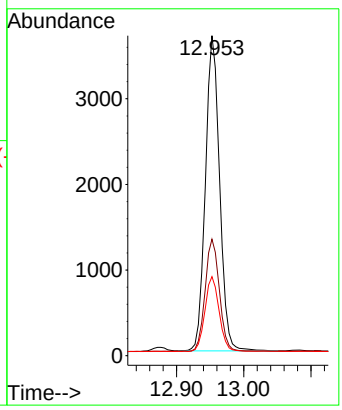


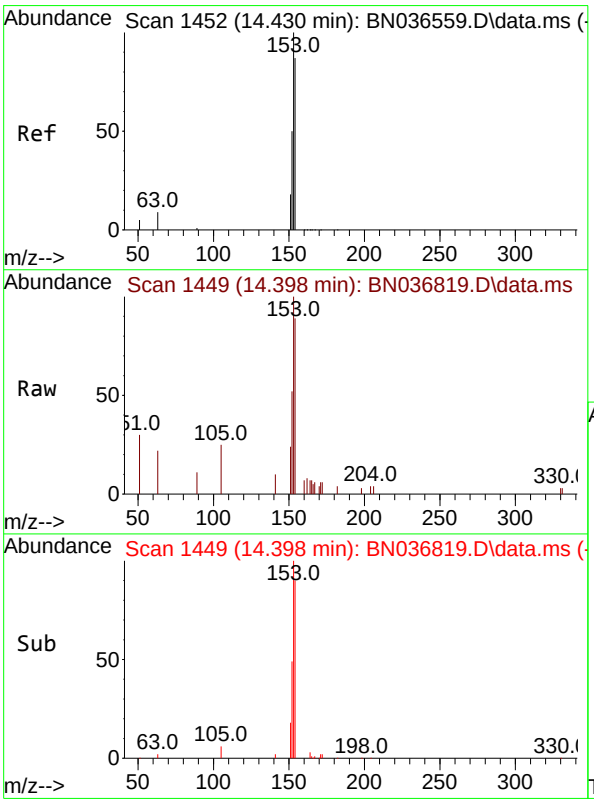
#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 12.953 min Scan# 1
Delta R.T. -0.035 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:172 Resp: 6361

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.7	20.2	30.4

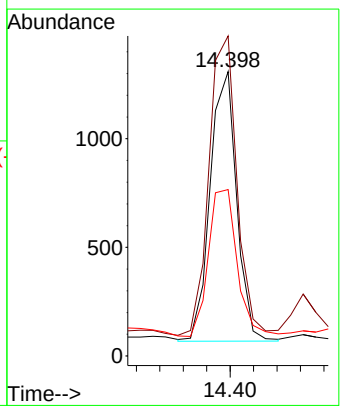


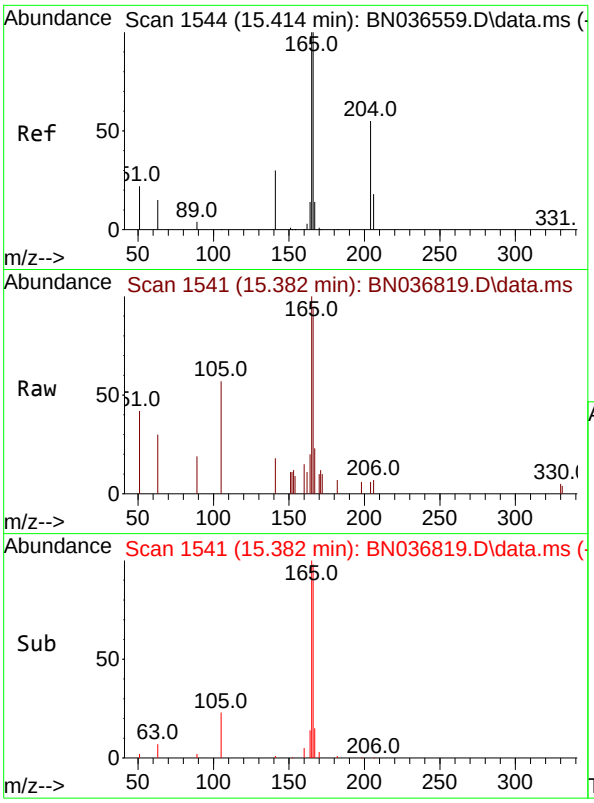


#17
Acenaphthene
Concen: 0.141 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:154 Resp: 1948

Ion	Ratio	Lower	Upper
154	100		
153	116.1	94.1	141.1
152	58.7	49.8	74.6



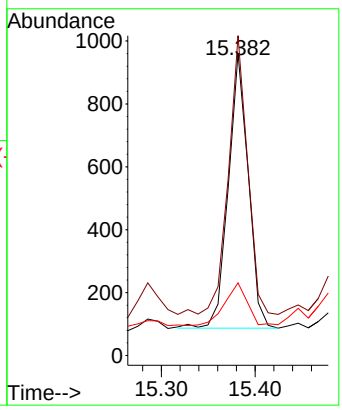


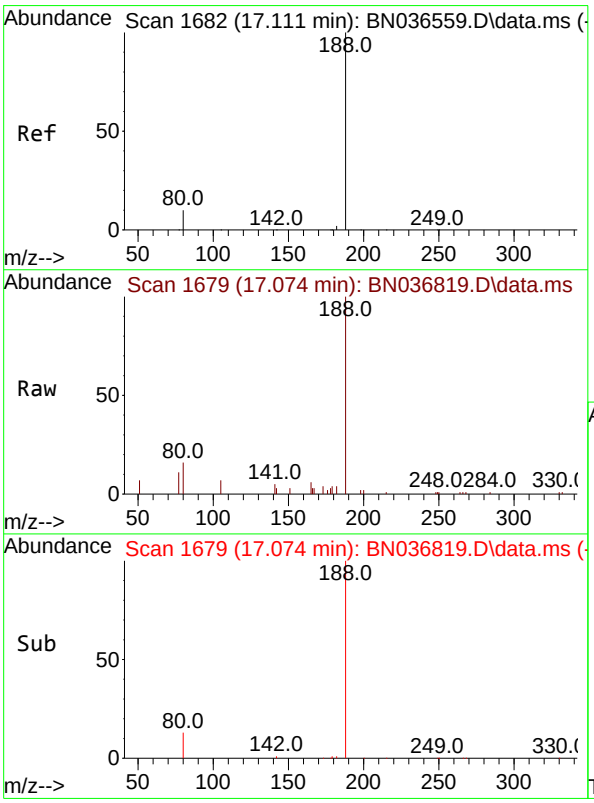
#18
Fluorene
Concen: 0.069 ng
RT: 15.382 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:166 Resp: 1289

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.8
167	17.8	10.6	15.8#

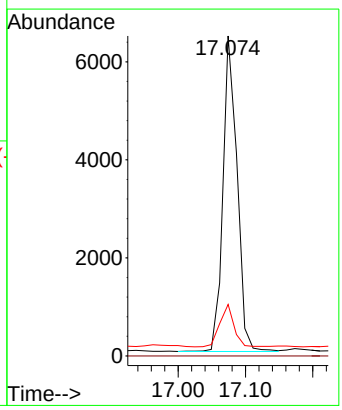


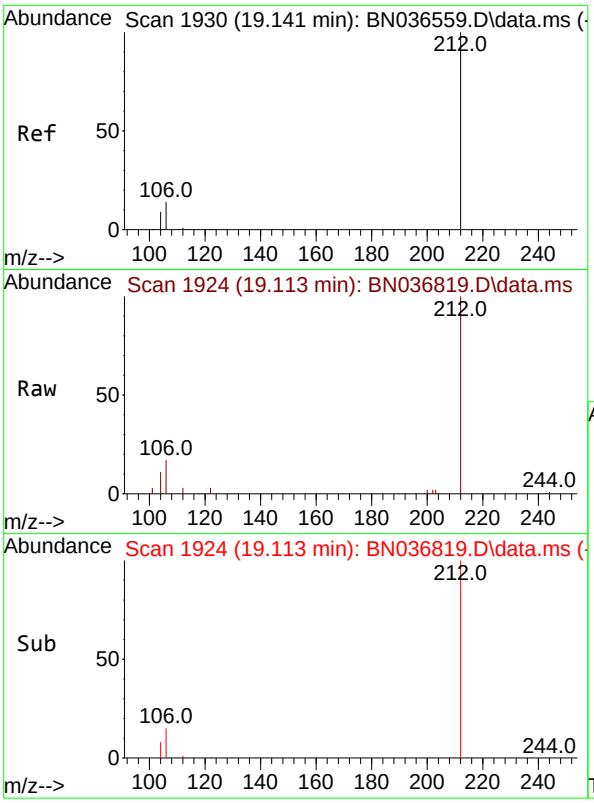


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1679
Delta R.T. -0.037 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:188 Resp: 9360

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.1	8.8	13.2#



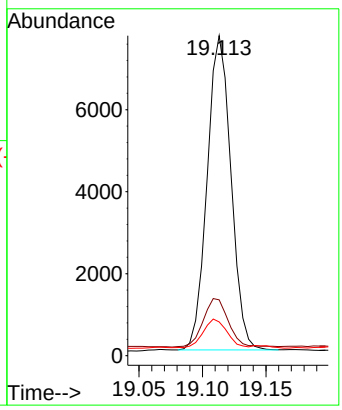


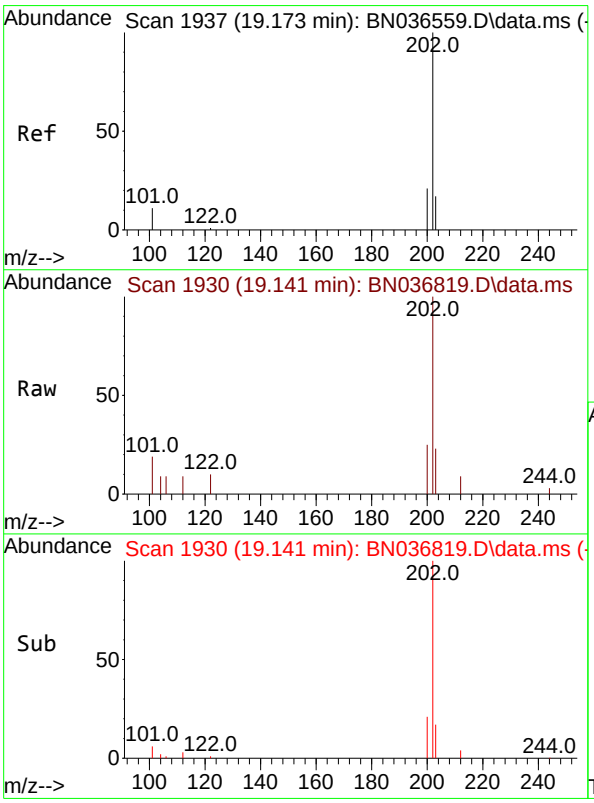
#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.113 min Scan# 1
Delta R.T. -0.028 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:212 Resp: 10017

Ion	Ratio	Lower	Upper
212	100		
106	16.2	11.8	17.6
104	9.3	7.3	10.9

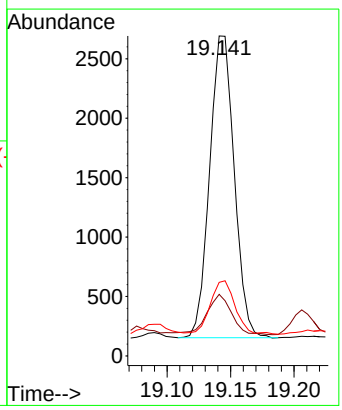


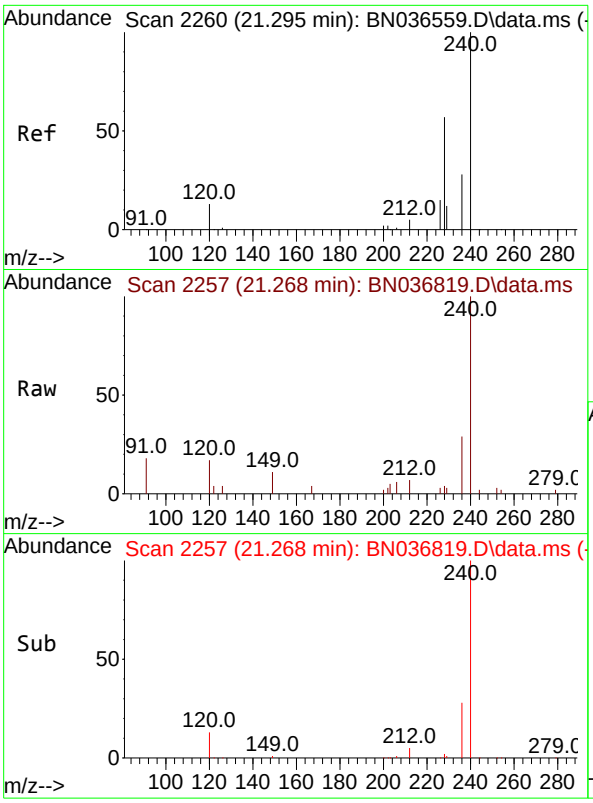


#28
Fluoranthene
Concen: 0.108 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:202 Resp: 3419

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.4	14.0
203	17.9	13.5	20.3



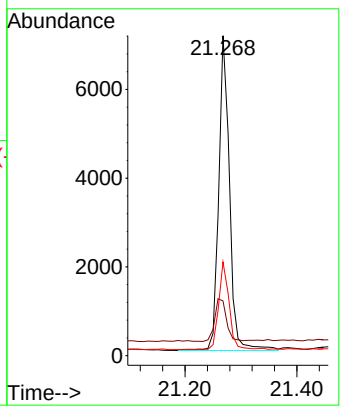


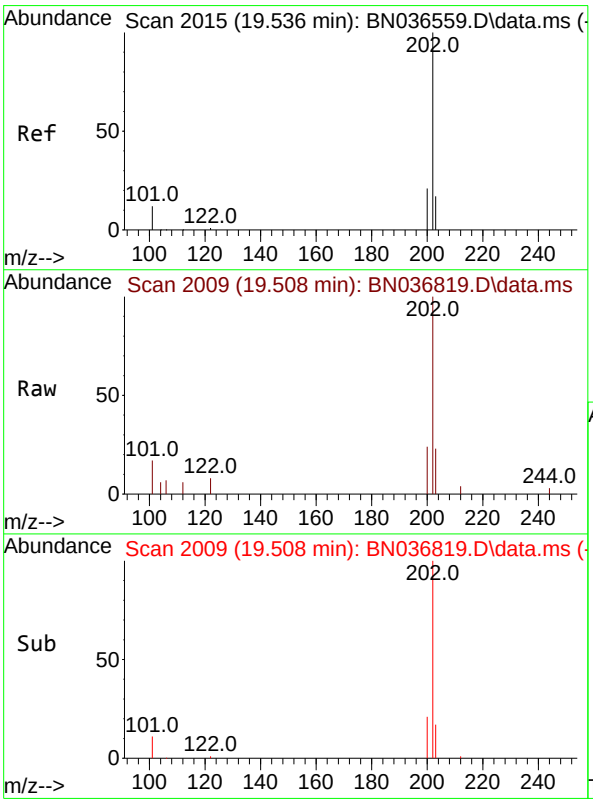
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.027 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:240 Resp: 9514

Ion	Ratio	Lower	Upper
240	100		
120	17.1	14.6	22.0
236	29.3	24.1	36.1

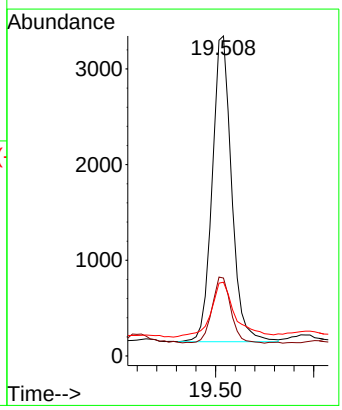


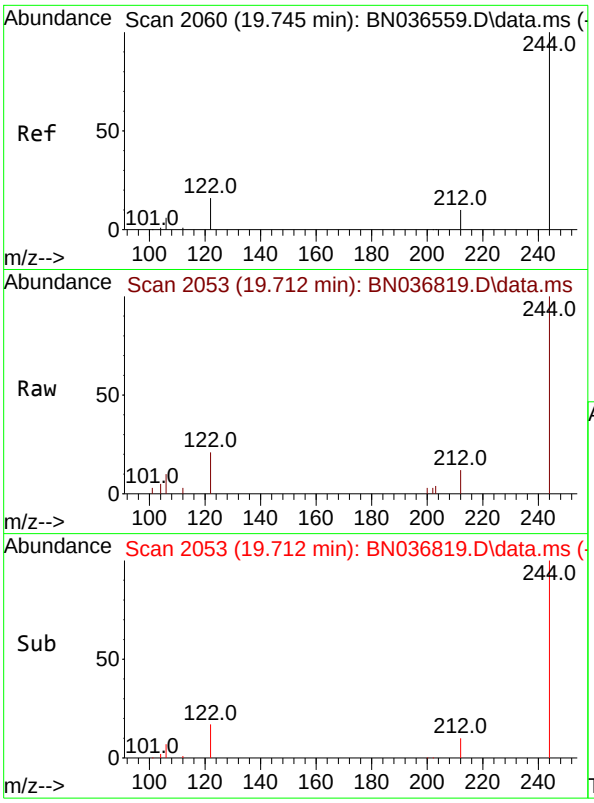


#30
Pyrene
Concen: 0.094 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.028 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:202 Resp: 4385

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	22.2	14.1	21.1#



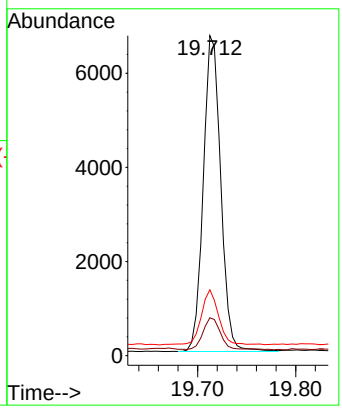


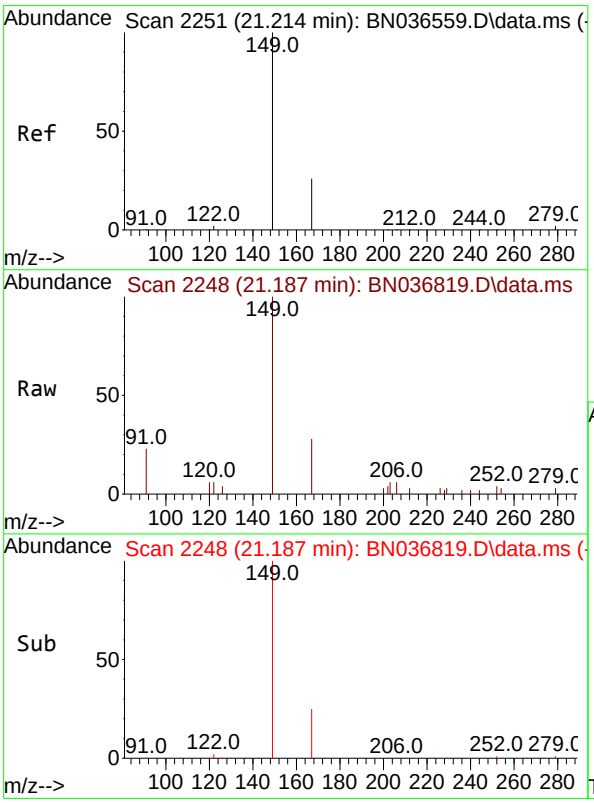
#31
Terphenyl-d14
Concen: 0.364 ng
RT: 19.712 min Scan# 2
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:244 Resp: 8290

Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.6	14.4
122	20.6	13.9	20.9

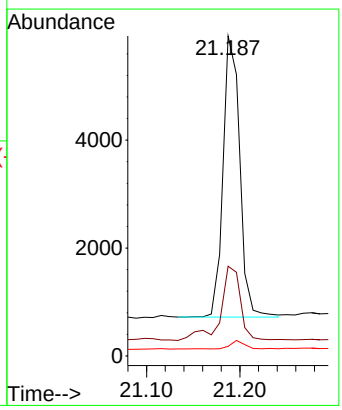


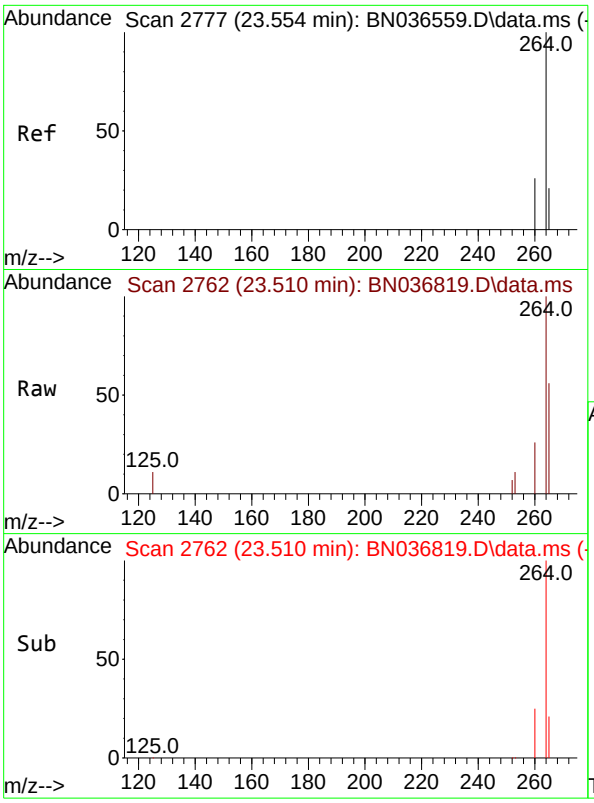


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.275 ng
RT: 21.187 min Scan# 2248
Delta R.T. -0.027 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:149 Resp: 6479

Ion	Ratio	Lower	Upper
149	100		
167	31.6	20.7	31.1#
279	2.5	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.510 min Scan# 2
Delta R.T. -0.044 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

Tgt Ion:264 Resp: 8772

Ion	Ratio	Lower	Upper
264	100		
260	25.8	22.6	33.8
265	56.0	88.1	132.1#