Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037266.D
Acq On : 14 Jun 2025 17:36
Operator : RC/JU
Sample : Q2299-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Quant Time: Jun 16 02:44:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1325	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3321	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1702	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	3112	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2629	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	2551	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	420	0.129	ng	0.00
5) Phenol-d6	6.759	99	224	0.065	ng	0.00
8) Nitrobenzene-d5	8.728	82	1028	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	1452	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	272	0.385	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	2419	0.338	ng	0.00
27) Fluoranthene-d10	19.012	212	3260	0.400	ng	0.00
31) Terphenyl-d14	19.616	244	2758	0.464	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.009	178	248	0.025	ng	# 92
28) Fluoranthene	19.040	202	251	0.022	ng	# 78
30) Pyrene	19.407	202	265	0.021	ng	96
34) Bis(2-ethylhexyl)phtha...	21.099	149	509	0.077	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
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Misc :
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BNA_N
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RW11-MW01I-20250611

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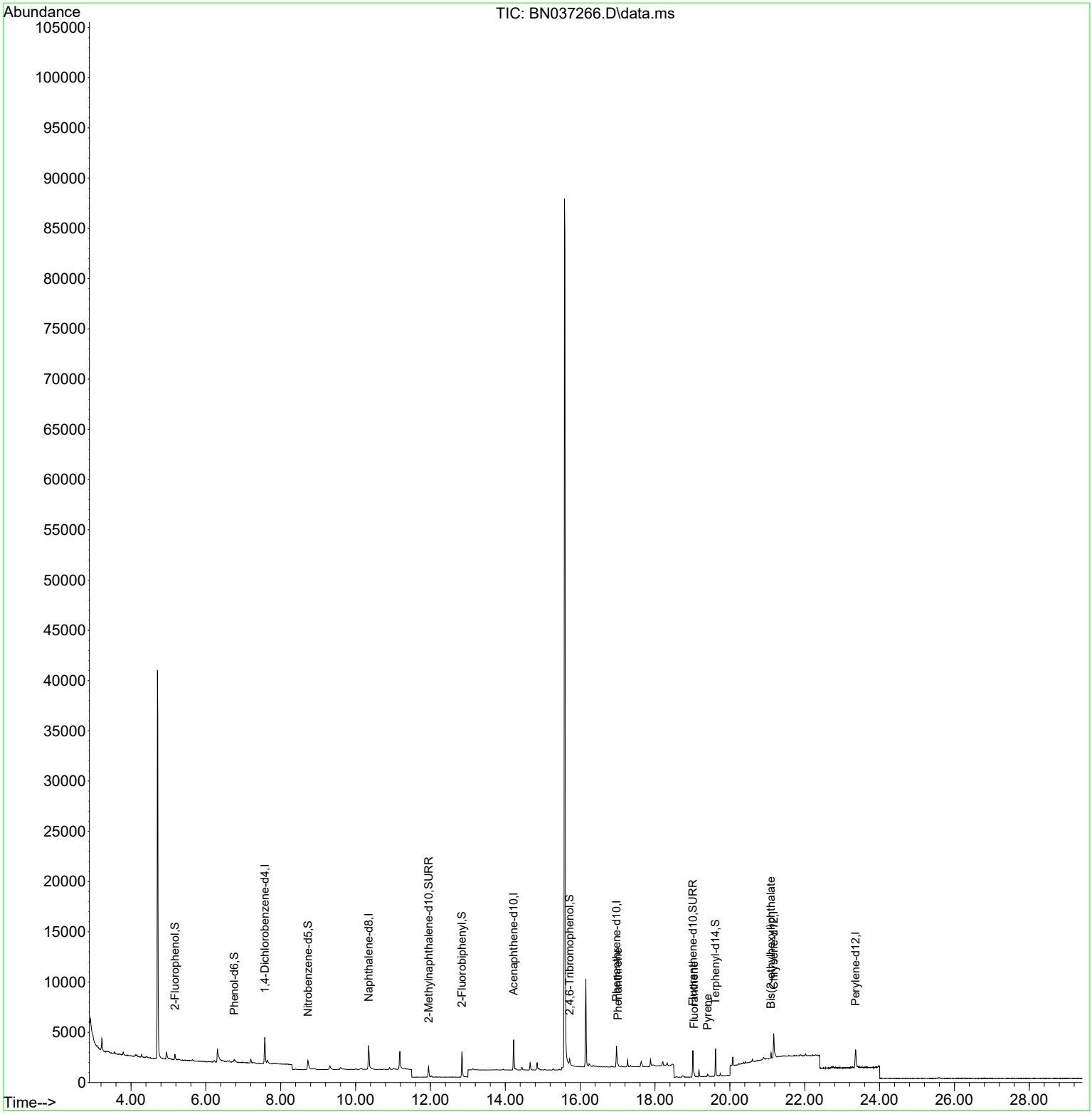
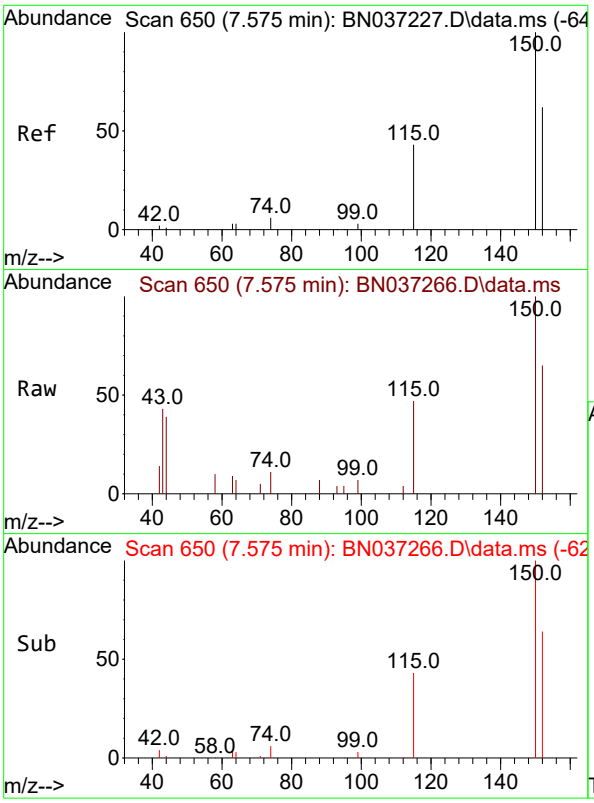


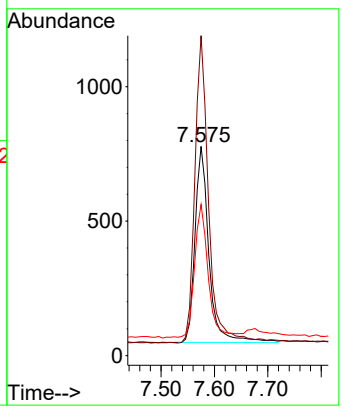


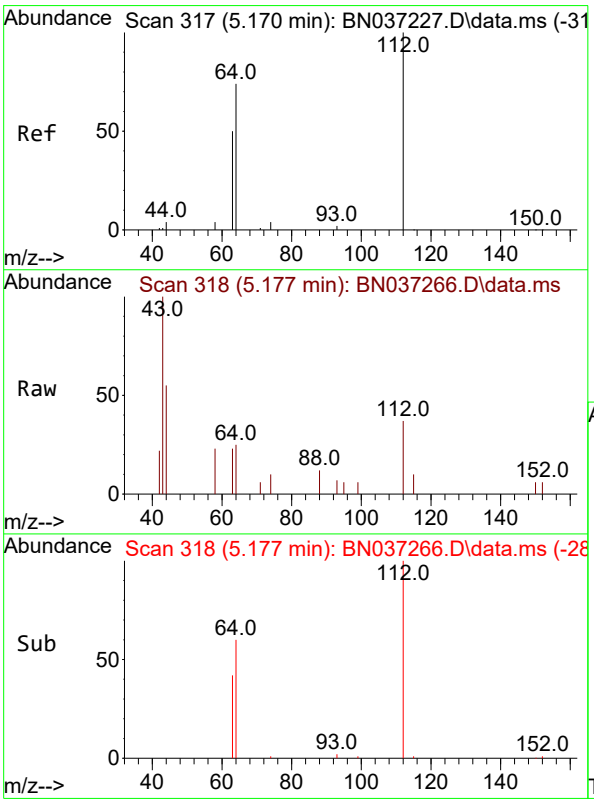
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:152 Resp: 1325

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.2	187.8
115	72.2	58.4	87.6

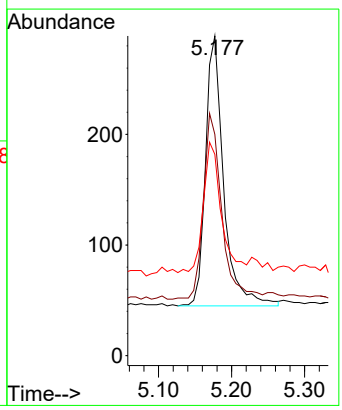


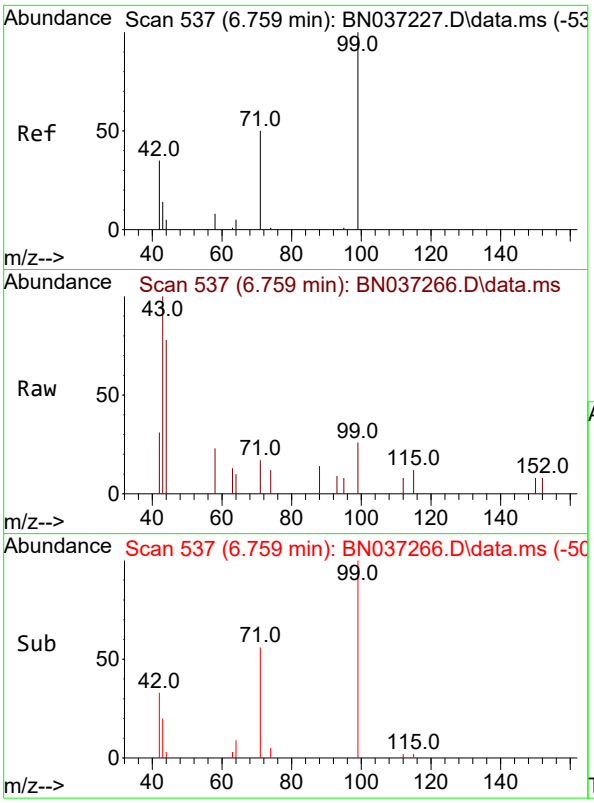


#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:112 Resp: 420

Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.2	85.8
63	47.6	39.8	59.6



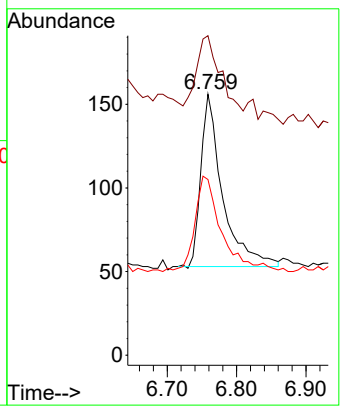


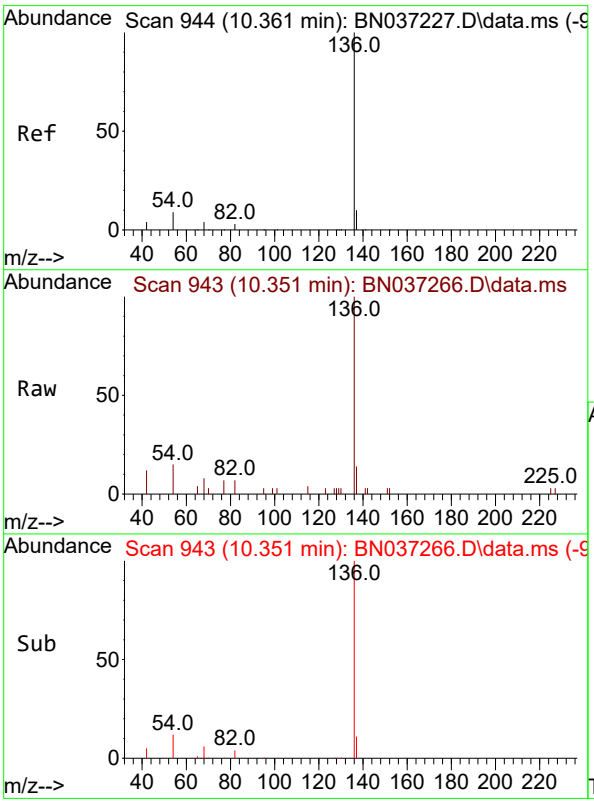
#5
Phenol-d6
Concen: 0.065 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion: 99 Resp: 224

Ion	Ratio	Lower	Upper
99	100		
42	46.0	36.2	54.4
71	68.3	42.4	63.6#

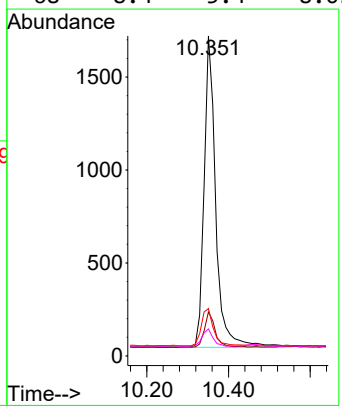


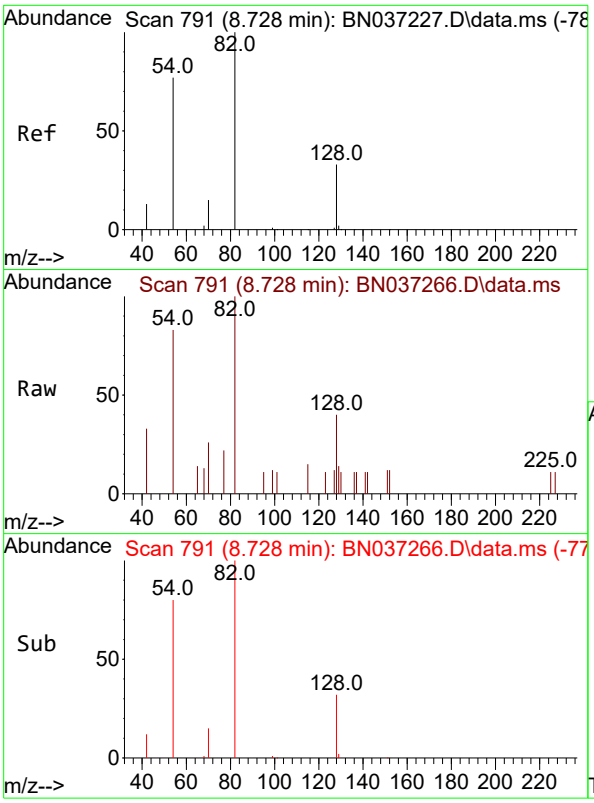


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:136 Resp: 3321

Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.6	15.8
54	14.8	9.2	13.8#
68	8.4	5.4	8.0#



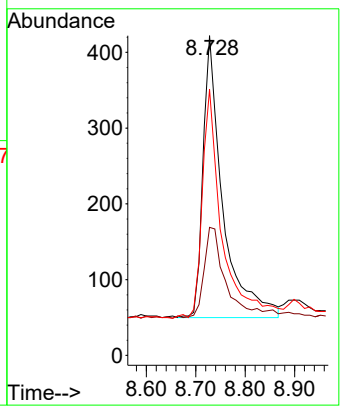


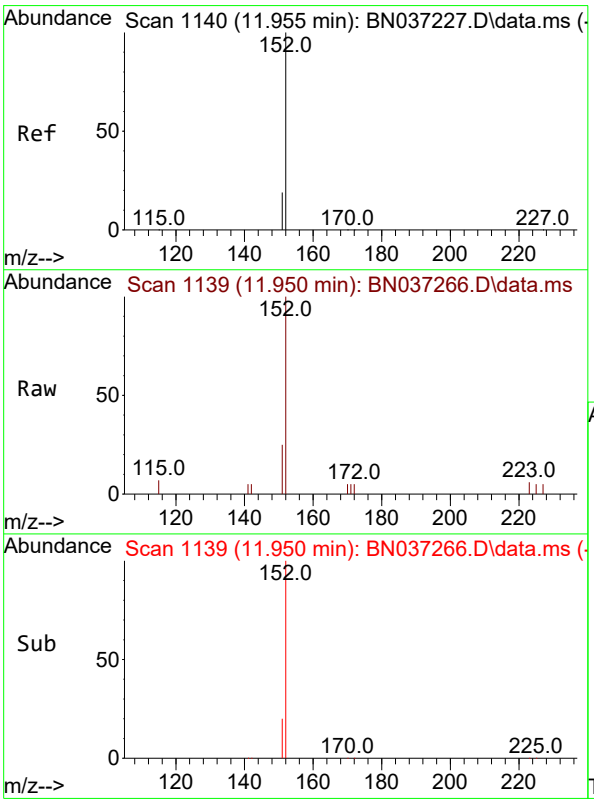
#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.728 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion: 82 Resp: 1028

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.2	46.8
54	83.2	63.3	94.9

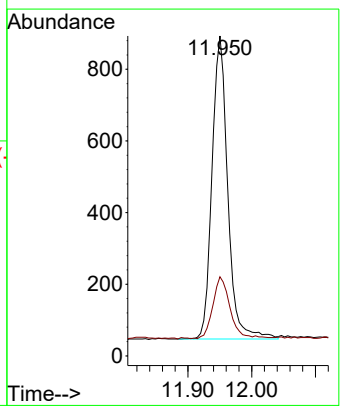


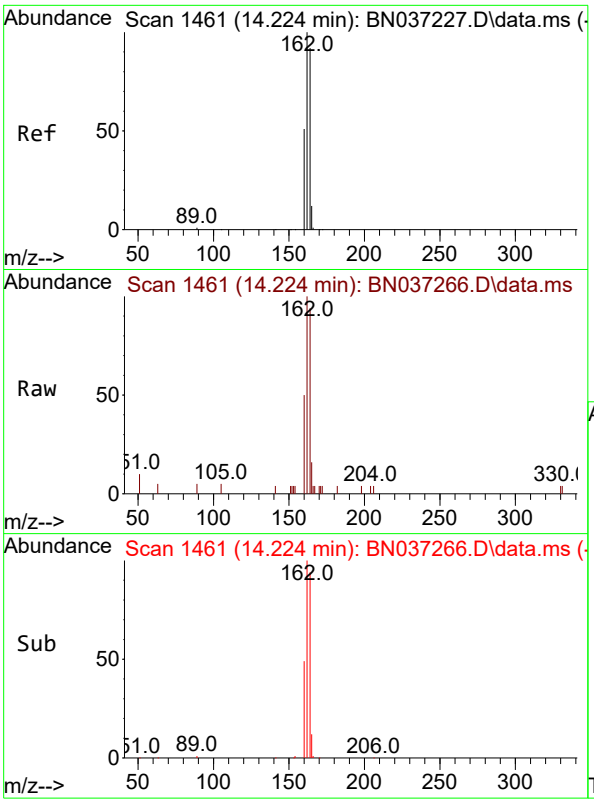


#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.950 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:152 Resp: 1452

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.9	26.9



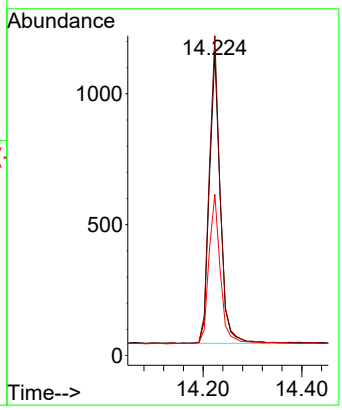


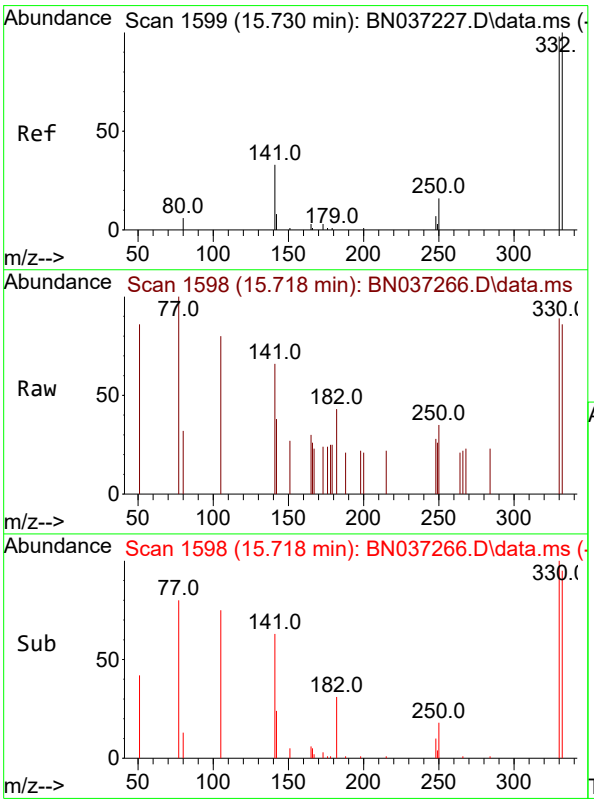
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:164 Resp: 1702

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.7	130.1
160	53.4	45.8	68.6

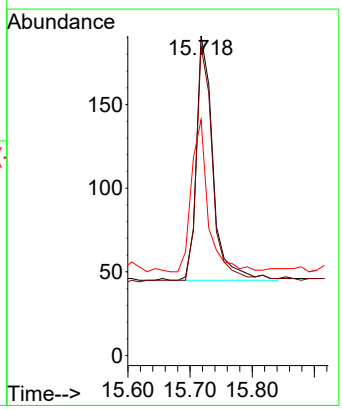


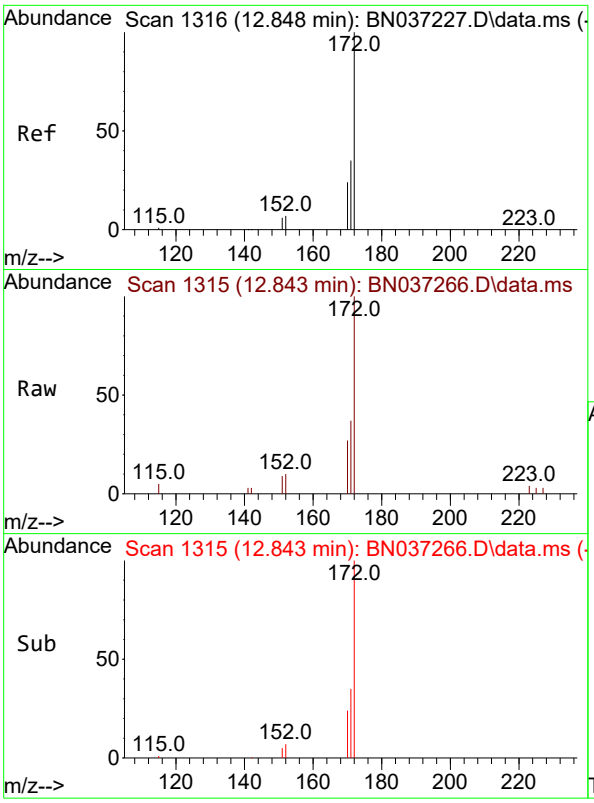


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:330 Resp: 272

Ion	Ratio	Lower	Upper
330	100		
332	94.1	74.9	112.3
141	62.5	45.1	67.7



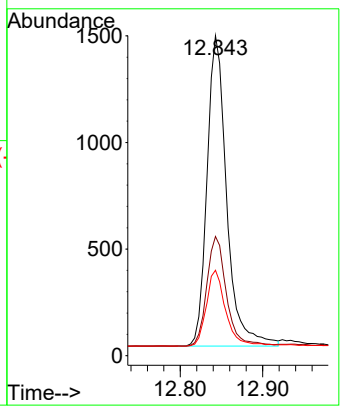


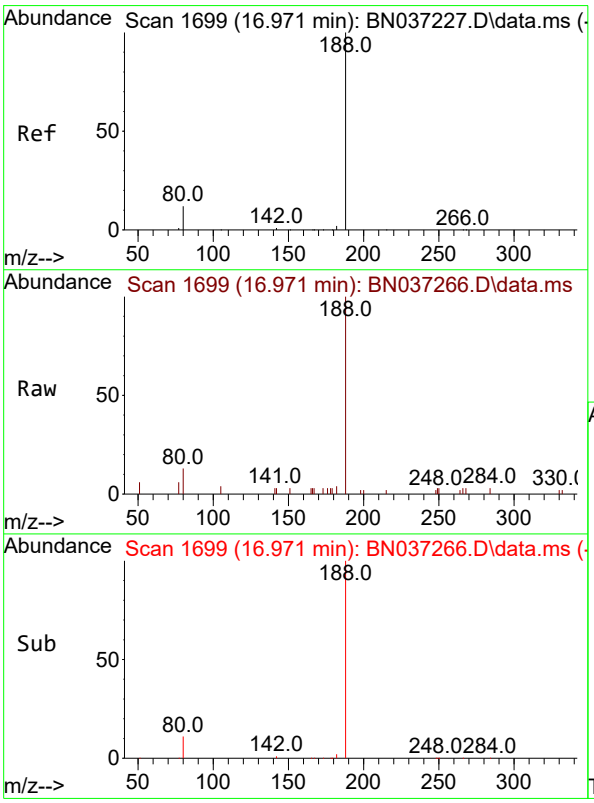
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.843 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:172 Resp: 2419

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.8
170	26.7	21.1	31.7

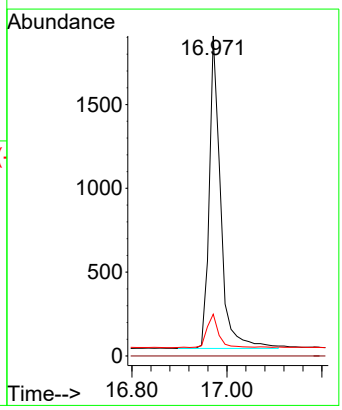


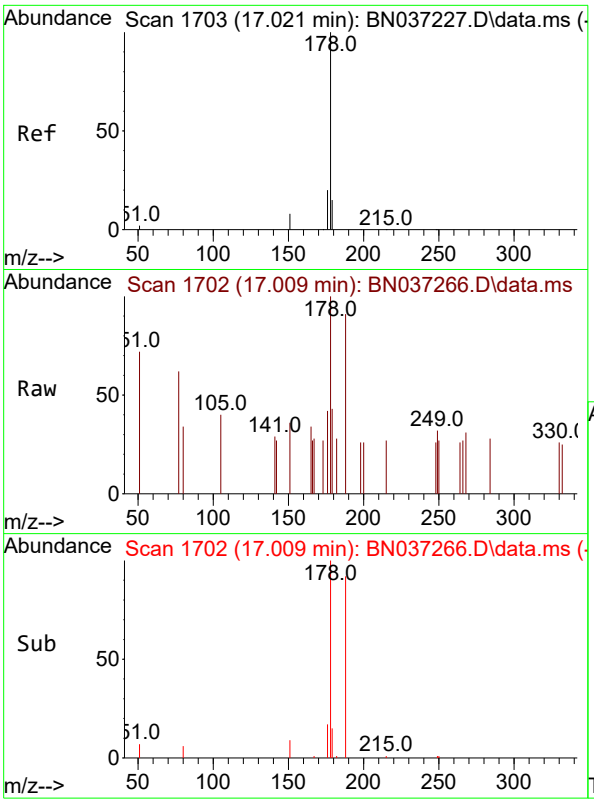


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:188 Resp: 3112

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	12.2	18.4



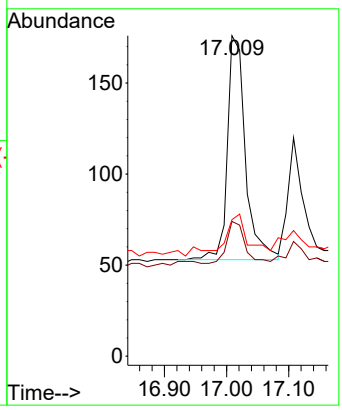


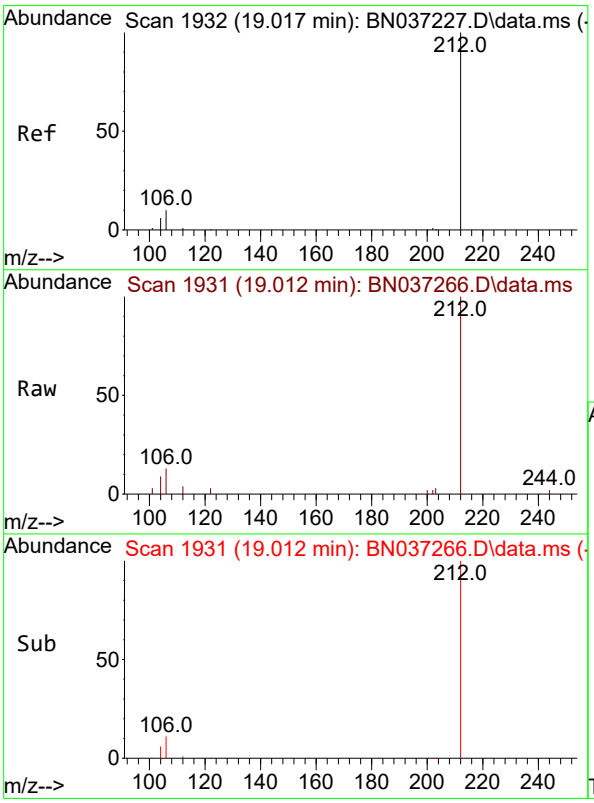
#25
Phenanthrene
Concen: 0.025 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:178 Resp: 248

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	23.0	12.6	18.8#

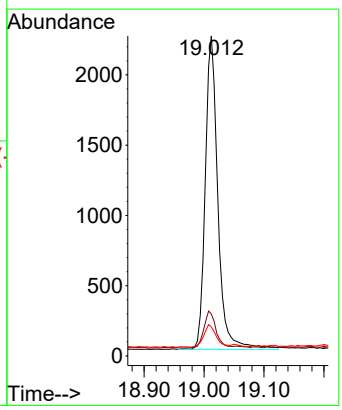


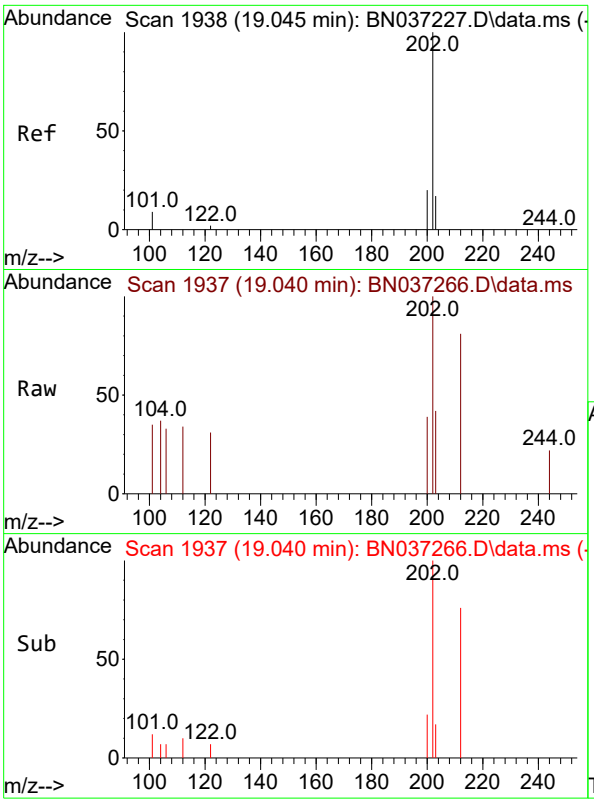


#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:212 Resp: 3260

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.3	13.9
104	6.9	5.7	8.5



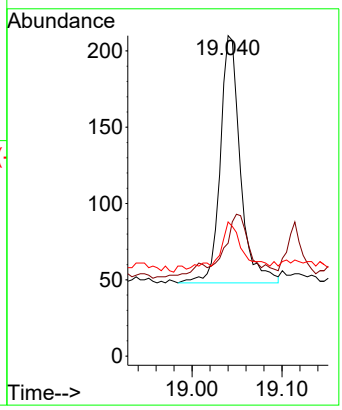


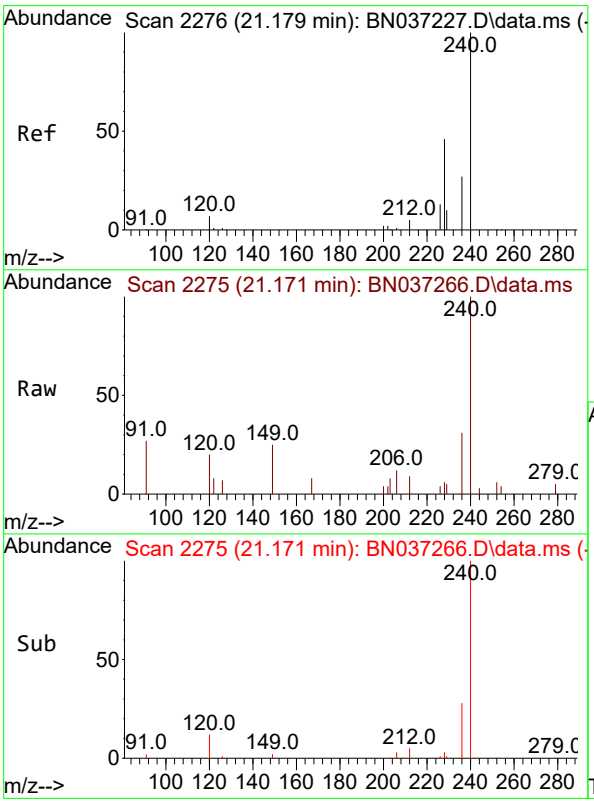
#28
Fluoranthene
Concen: 0.022 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:202 Resp: 251

Ion	Ratio	Lower	Upper
202	100		
101	24.3	7.1	10.7#
203	20.7	13.0	19.6#

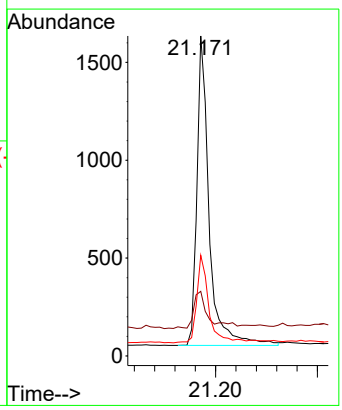


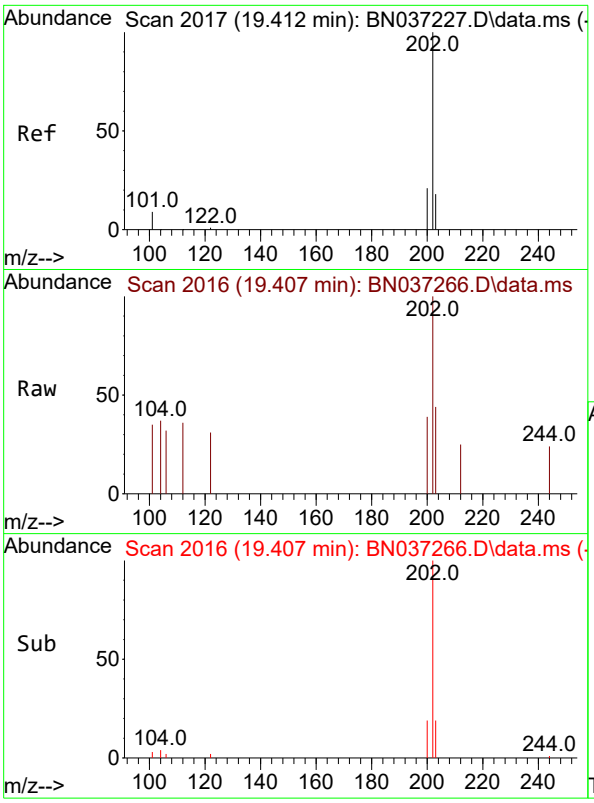


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:240 Resp: 2629

Ion	Ratio	Lower	Upper
240	100		
120	20.2	11.3	16.9#
236	31.4	24.4	36.6



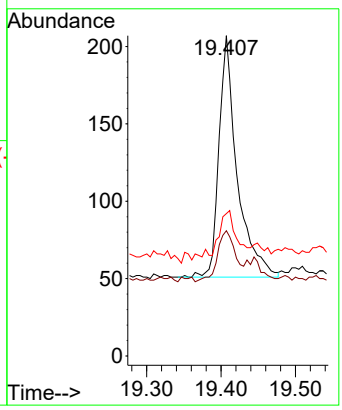


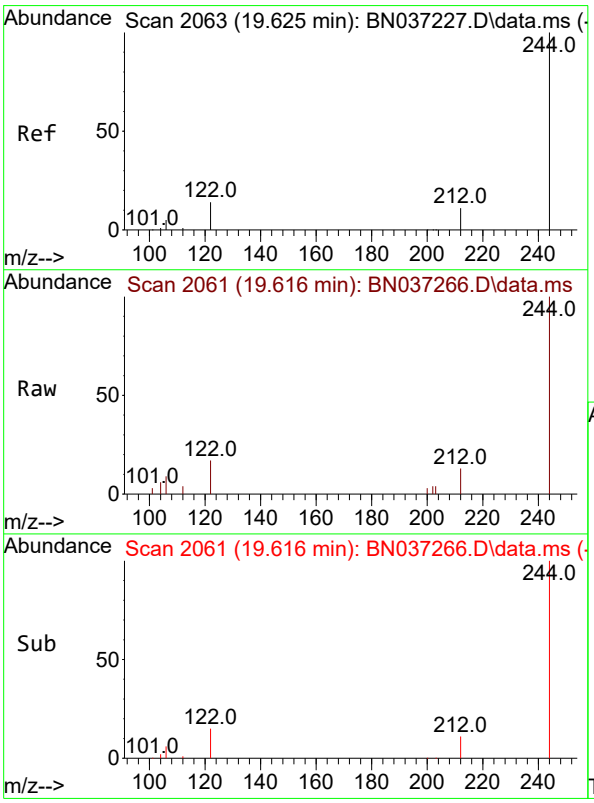
#30
Pyrene
Concen: 0.021 ng
RT: 19.407 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:202 Resp: 265

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	21.1	14.3	21.5

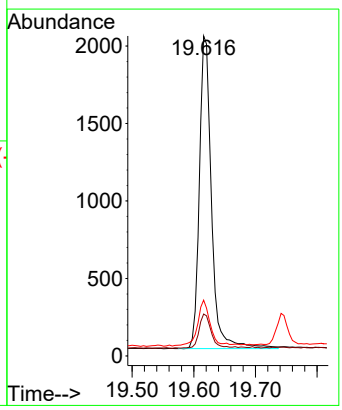


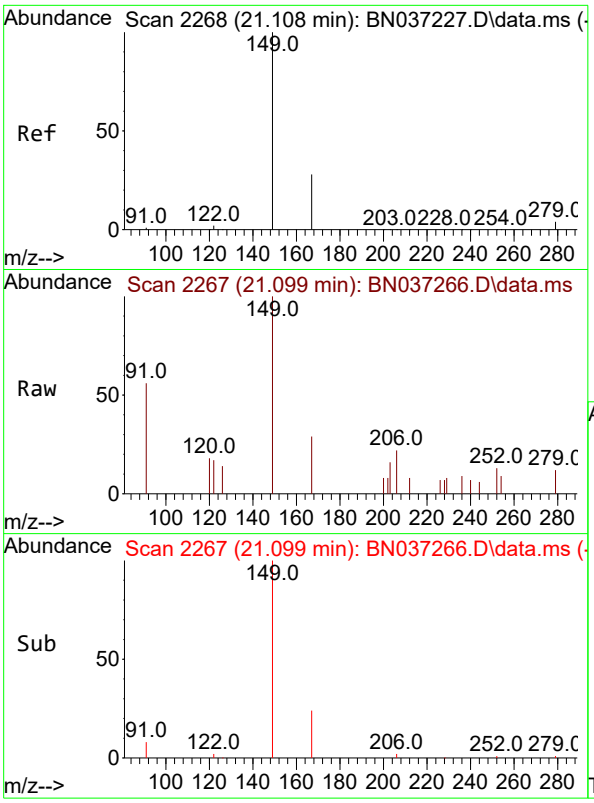


#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.616 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:244 Resp: 2758

Ion	Ratio	Lower	Upper
244	100		
212	13.1	12.2	18.2
122	17.4	14.3	21.5



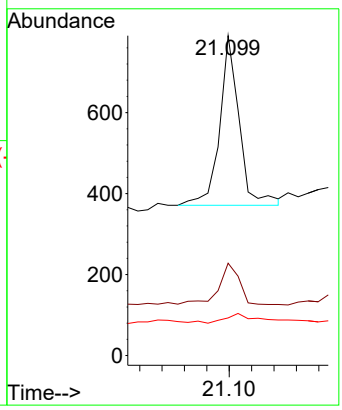


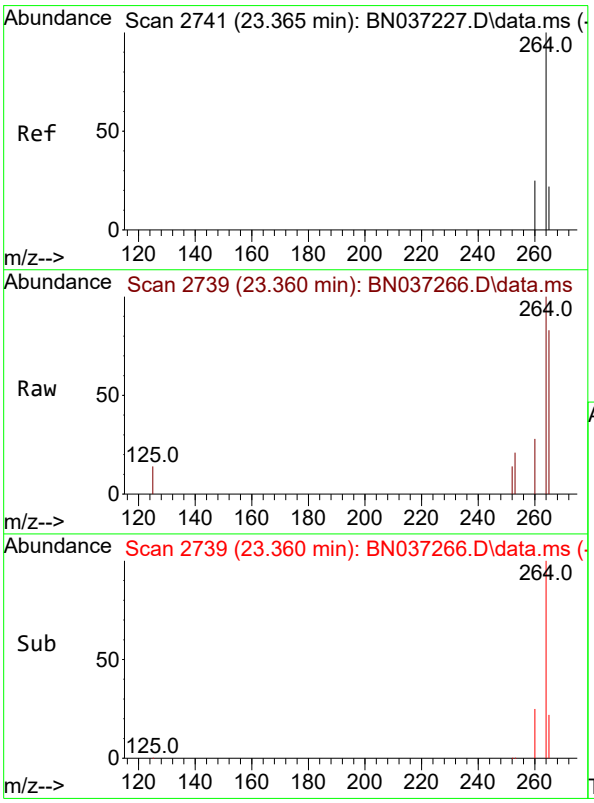
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.077 ng
RT: 21.099 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:149 Resp: 509

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.3	31.9
279	10.4	3.3	4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.360 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:264 Resp: 2551

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.8	34.2
265	83.2	66.4	99.6