Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037607.D
Acq On : 19 Aug 2025 14:53
Operator : RC/JU
Sample : Q2842-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Quant Time: Aug 20 01:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2139	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5184	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2604	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5518	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4981	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4415	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	635	0.131	ng	0.00
5) Phenol-d6	6.879	99	478	0.082	ng	0.00
8) Nitrobenzene-d5	8.854	82	1097	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1850	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	419	0.368	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5251	0.349	ng	0.00
27) Fluoranthene-d10	19.118	212	5180	0.357	ng	0.00
31) Terphenyl-d14	19.722	244	4411	0.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	1272	0.622	ng	# 3
9) Naphthalene	10.541	128	796	0.058	ng	# 80
25) Phenanthrene	17.124	178	436	0.026	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.205	149	727	0.106	ng	# 99

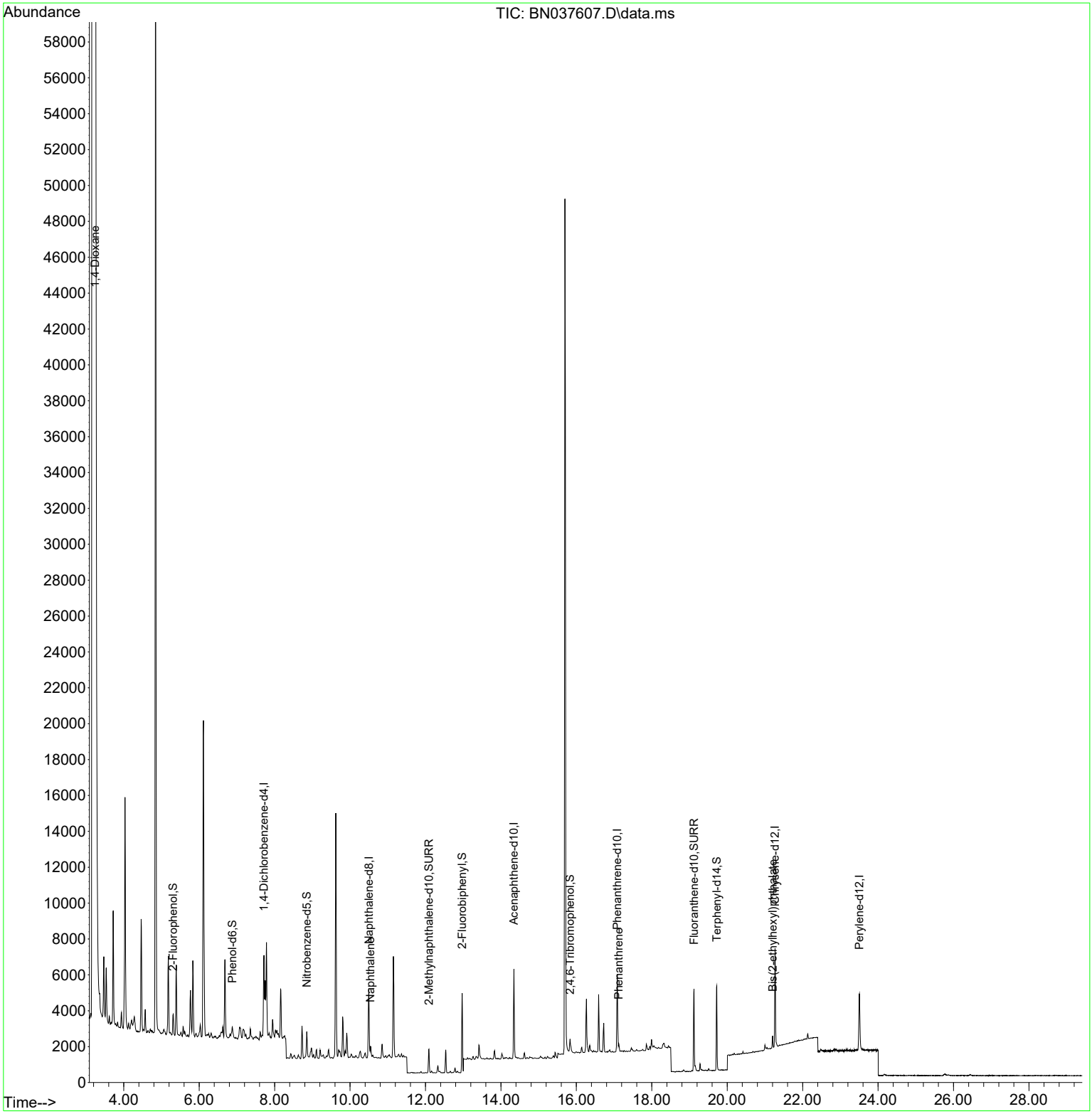
(#) = qualifier out of range (m) = manual integration (+) = signals summed

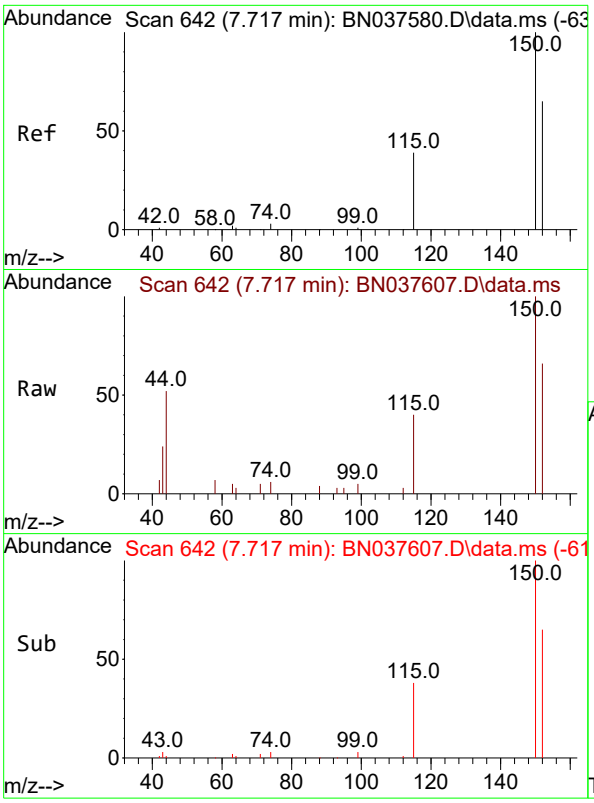
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037607.D
Acq On : 19 Aug 2025 14:53
Operator : RC/JU
Sample : Q2842-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Quant Time: Aug 20 01:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



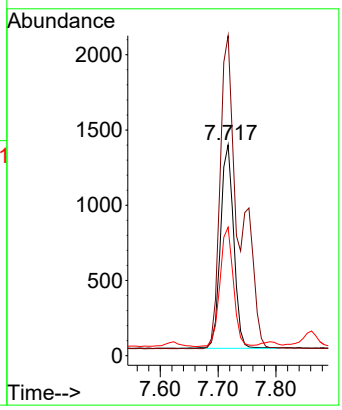


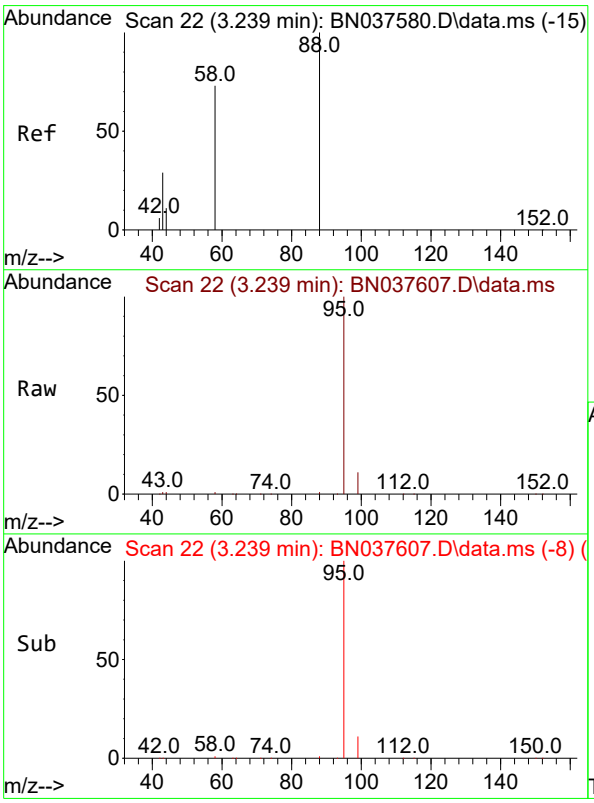
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:152 Resp: 2139

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.2	183.4
115	60.9	49.8	74.6

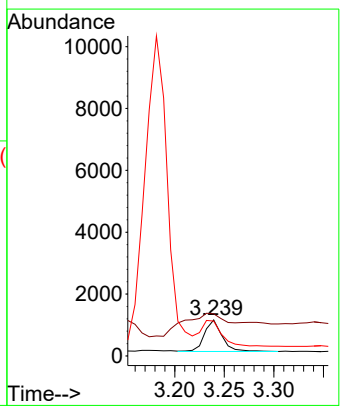


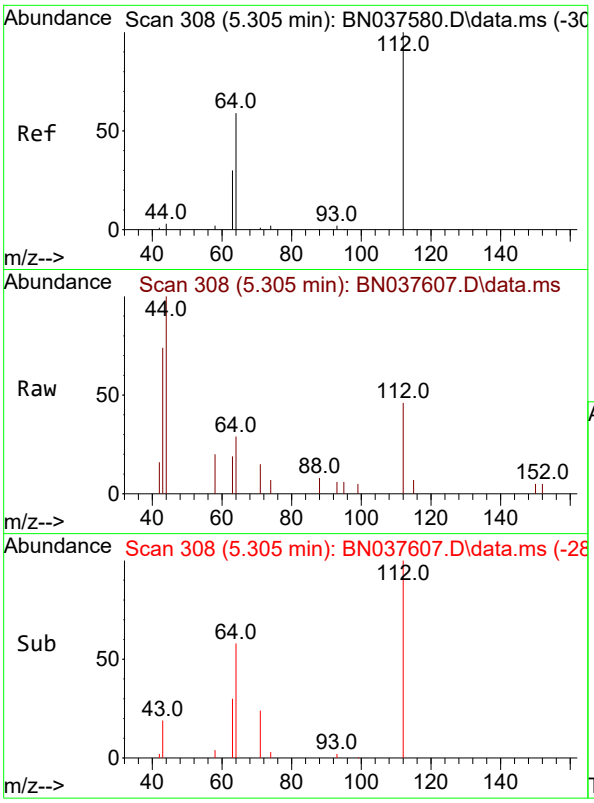


#2
1,4-Dioxane
Concen: 0.622 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion: 88 Resp: 1272

Ion	Ratio	Lower	Upper
88	100		
43	185.2	25.8	38.6#
58	96.1	61.2	91.8#



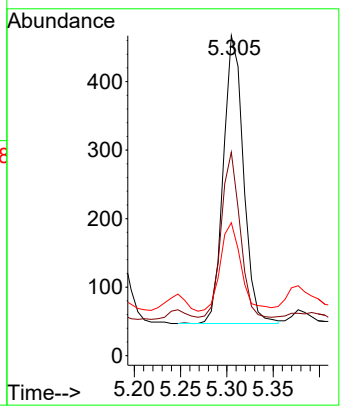


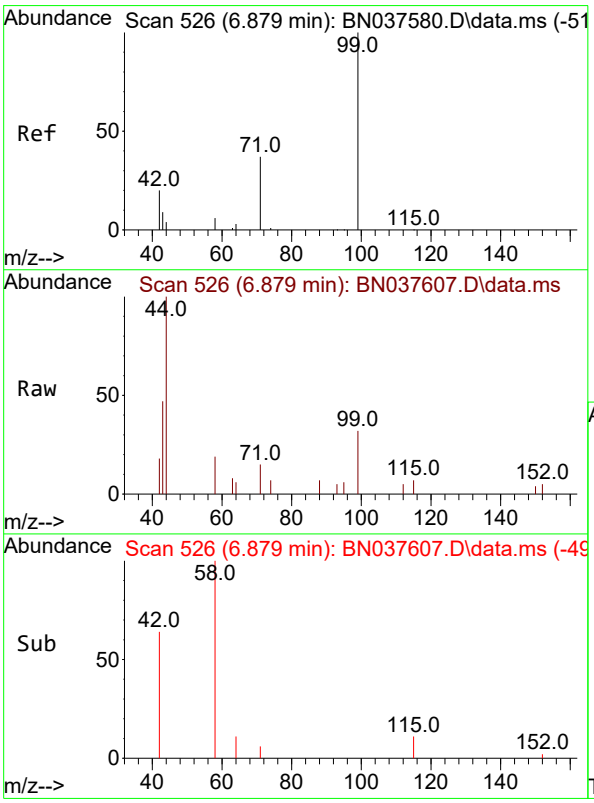
#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.305 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:112 Resp: 635

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.9	67.3
63	31.7	23.4	35.2

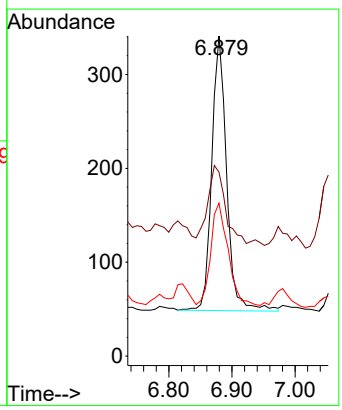


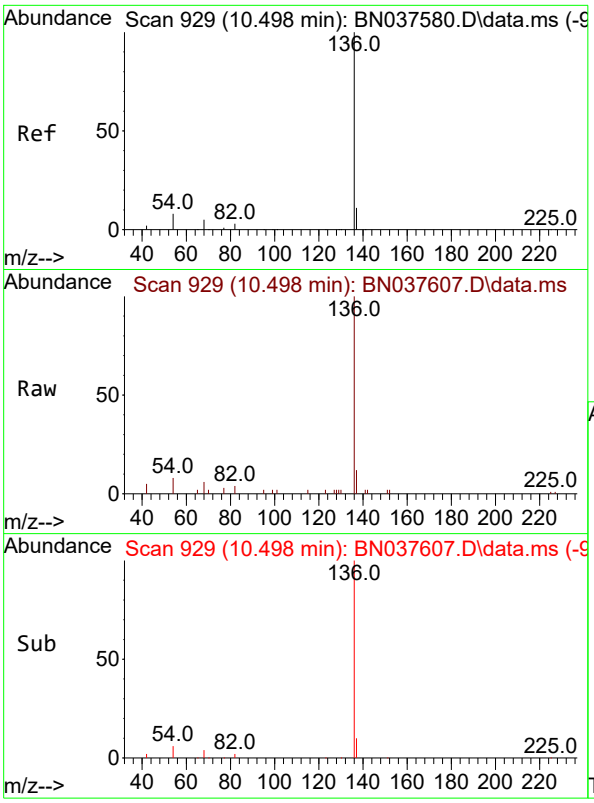


#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion: 99 Resp: 478

Ion	Ratio	Lower	Upper
99	100		
42	32.0	18.5	27.7#
71	43.9	28.6	42.8#



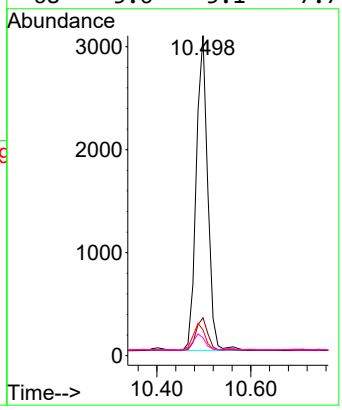


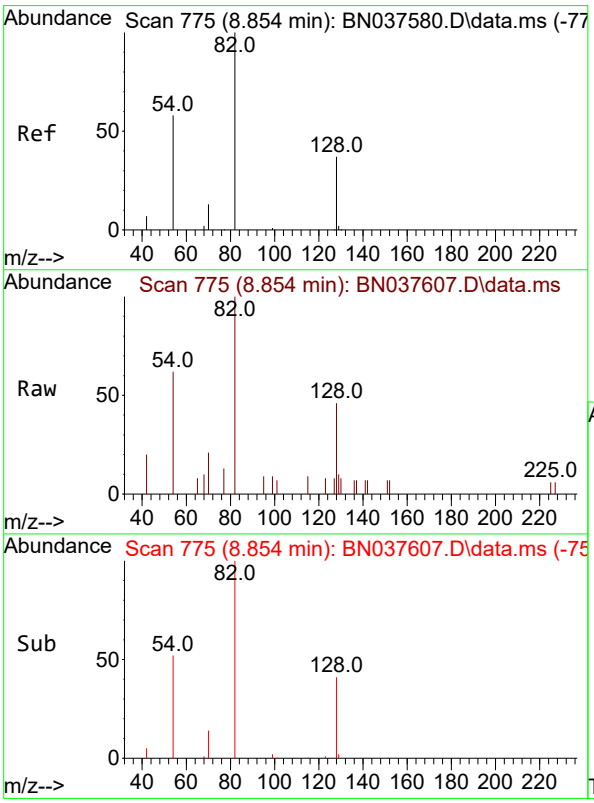
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:136 Resp: 5184

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	8.1	7.3	10.9
68	5.6	5.1	7.7

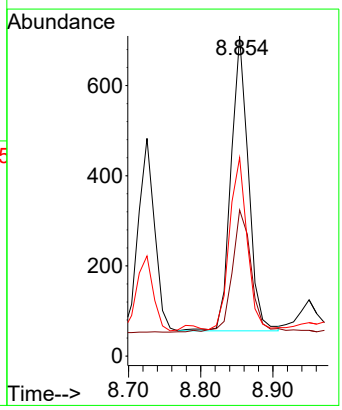


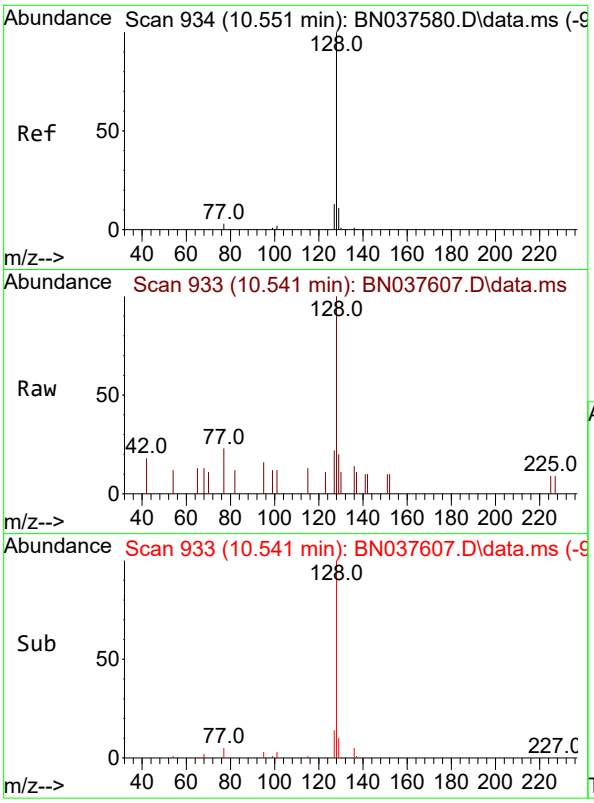


#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion: 82 Resp: 1097

Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.6	48.8
54	62.0	48.9	73.3



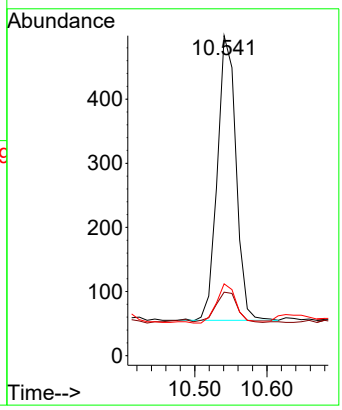


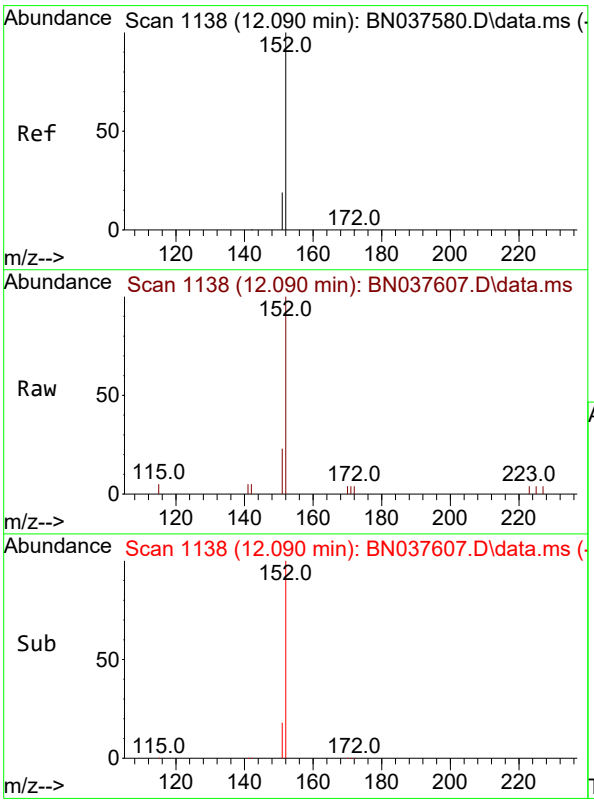
#9
Naphthalene
Concen: 0.058 ng
RT: 10.541 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:128 Resp: 796

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.8	14.6#
127	22.4	11.5	17.3#

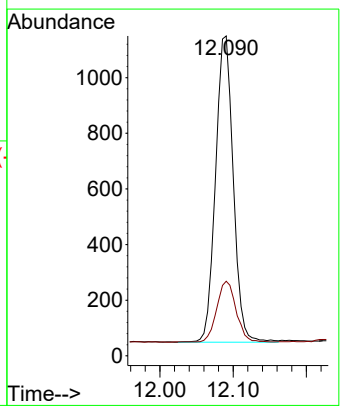


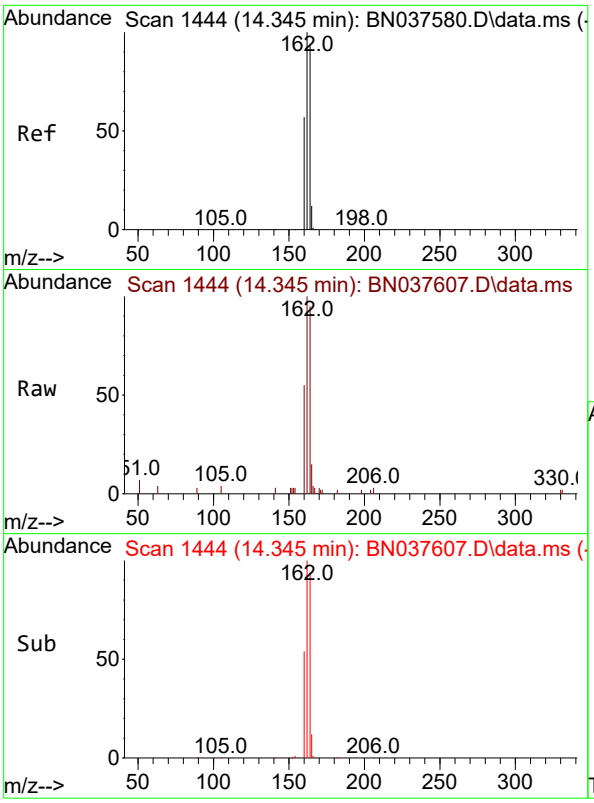


#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:152 Resp: 1850

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9



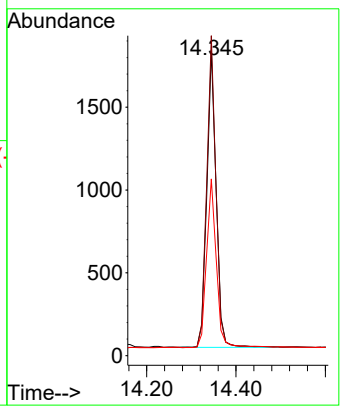


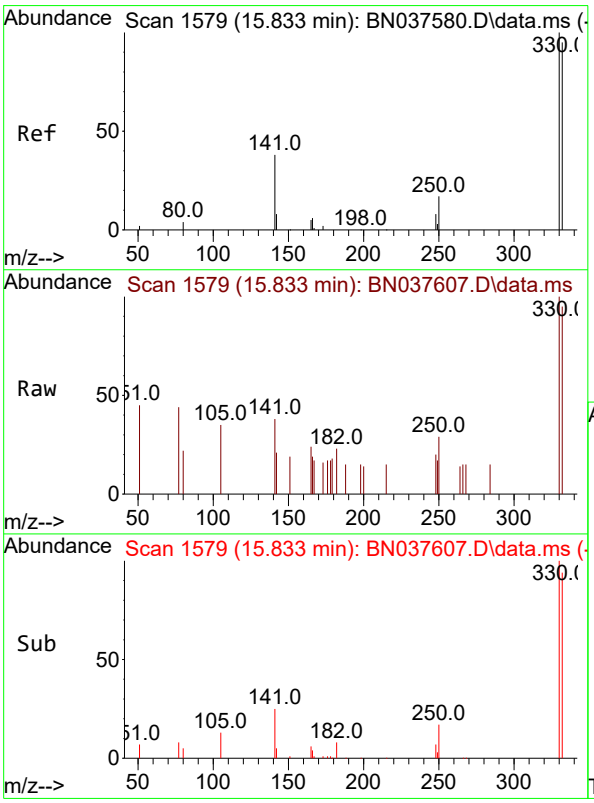
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:164 Resp: 2604

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.5	128.3
160	57.9	49.5	74.3

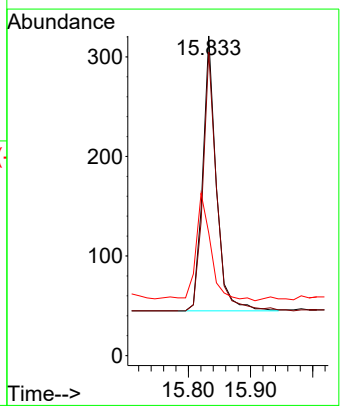


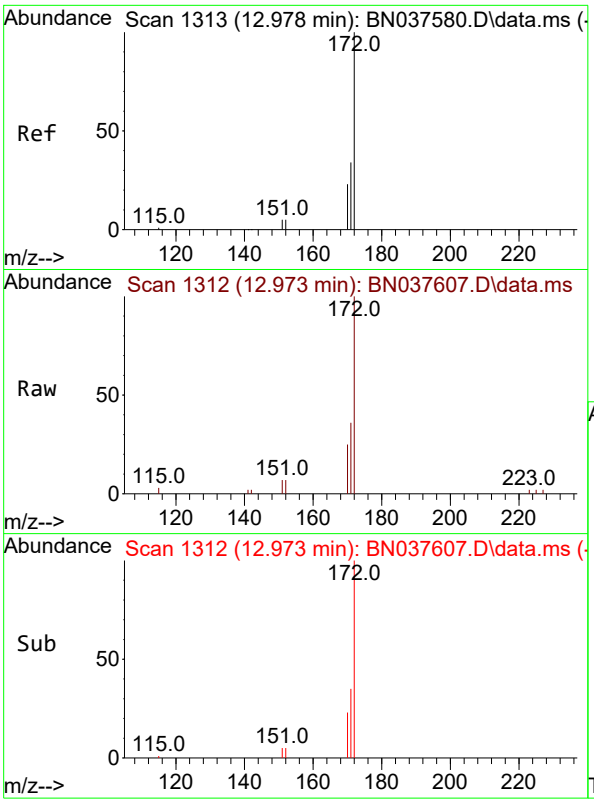


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:330 Resp: 419

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	44.6	30.9	46.3



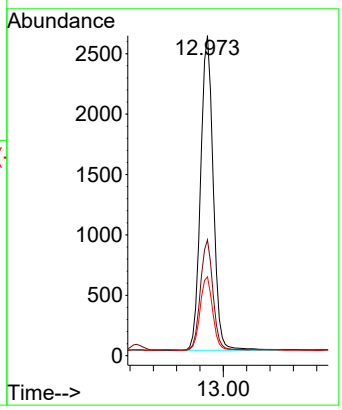


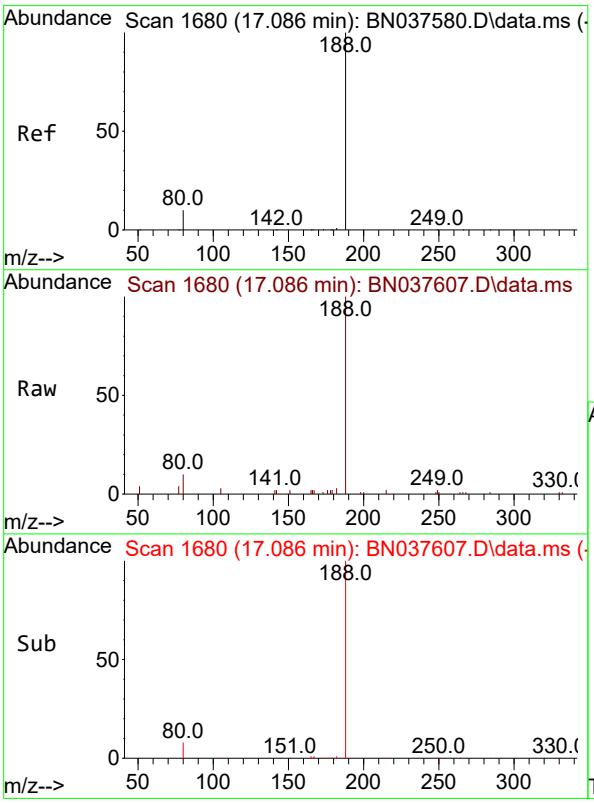
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.973 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:172 Resp: 5251

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	24.7	19.2	28.8

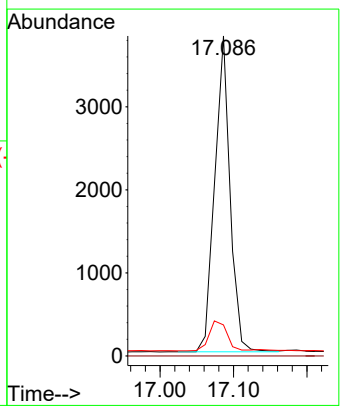


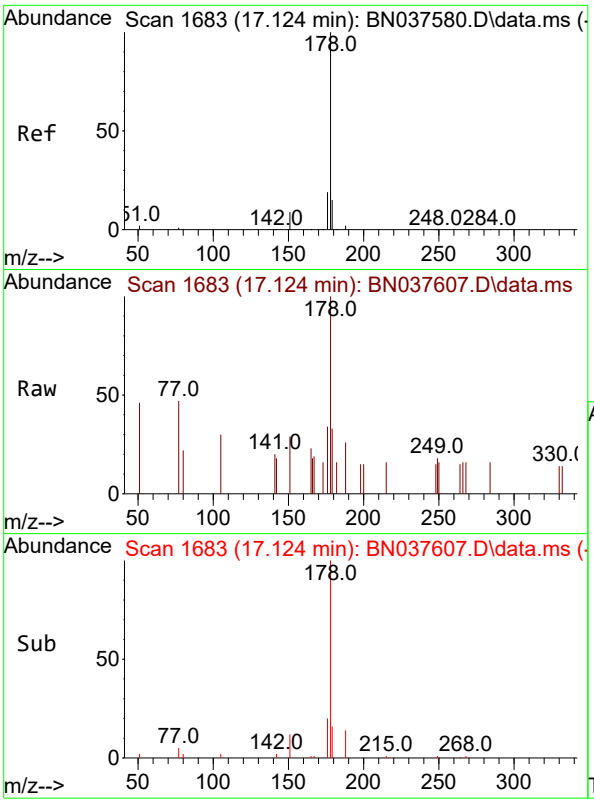


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:188 Resp: 5518

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	9.1	13.7



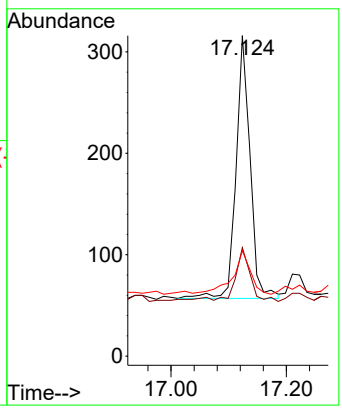


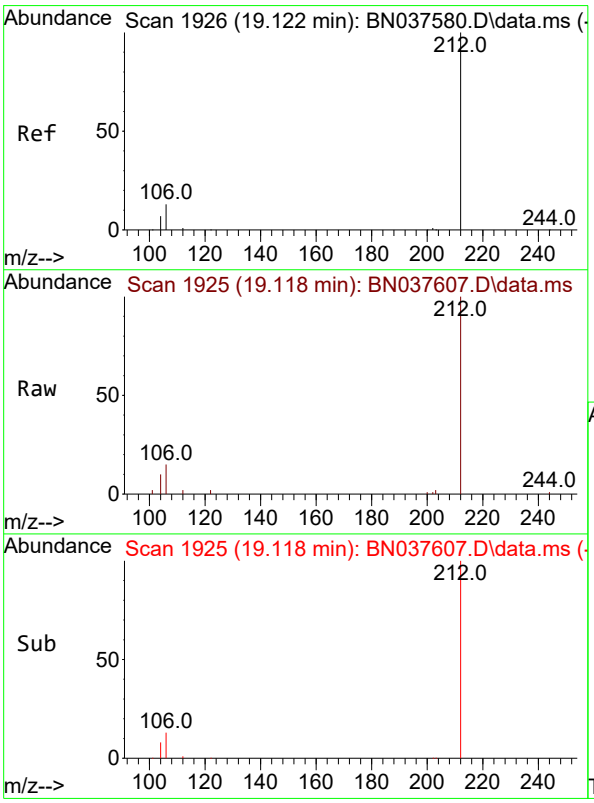
#25
Phenanthrene
Concen: 0.026 ng
RT: 17.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:178 Resp: 436

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.0	22.6
179	21.6	12.3	18.5#

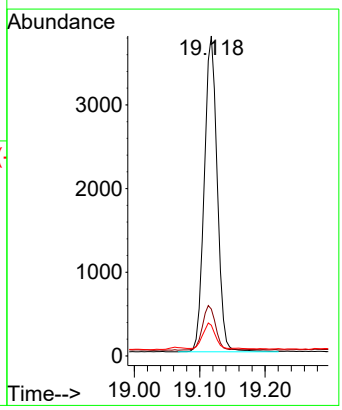


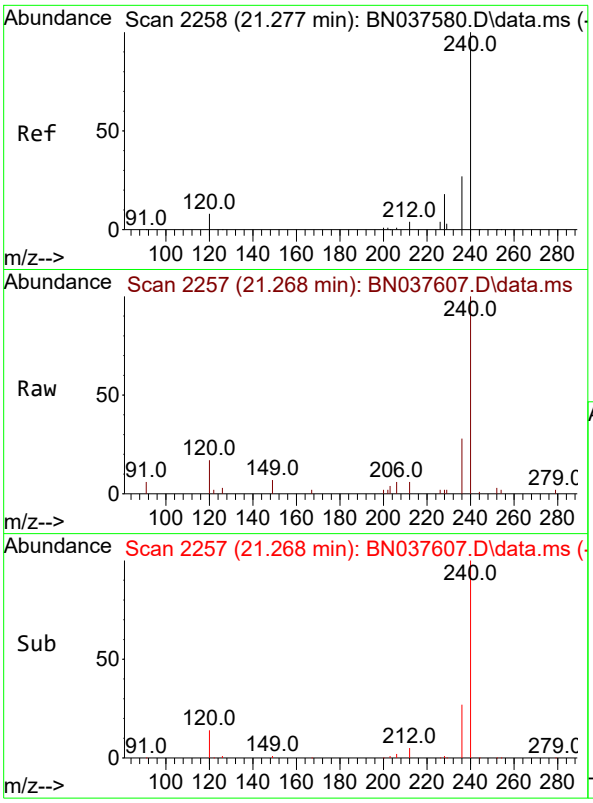


#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:212 Resp: 5180

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.5	17.3
104	7.7	6.6	9.8



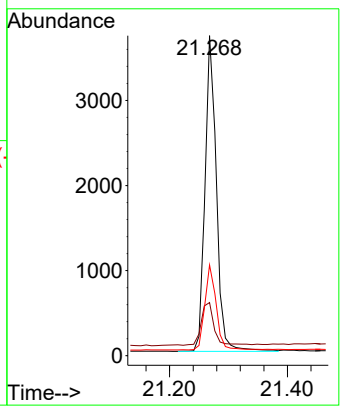


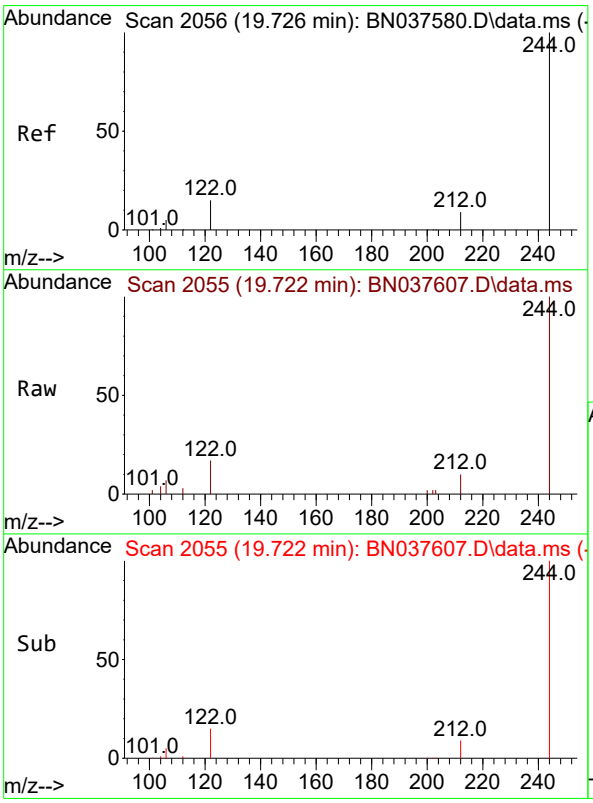
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:240 Resp: 4981

Ion	Ratio	Lower	Upper
240	100		
120	16.6	8.9	13.3#
236	28.4	22.6	33.8

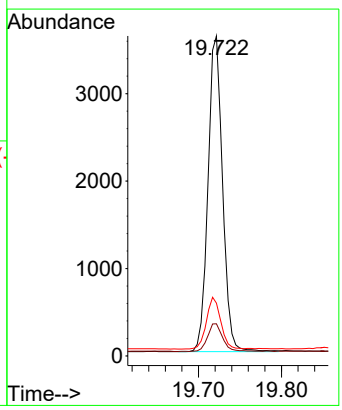


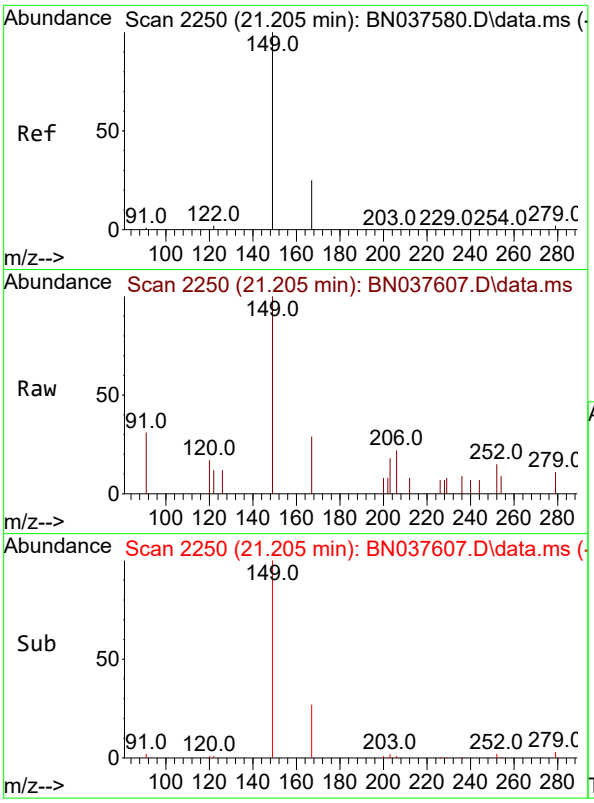


#31
Terphenyl-d14
Concen: 0.430 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:244 Resp: 4411

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.2	12.2
122	16.5	13.2	19.8



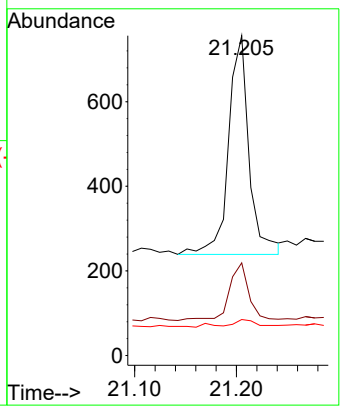


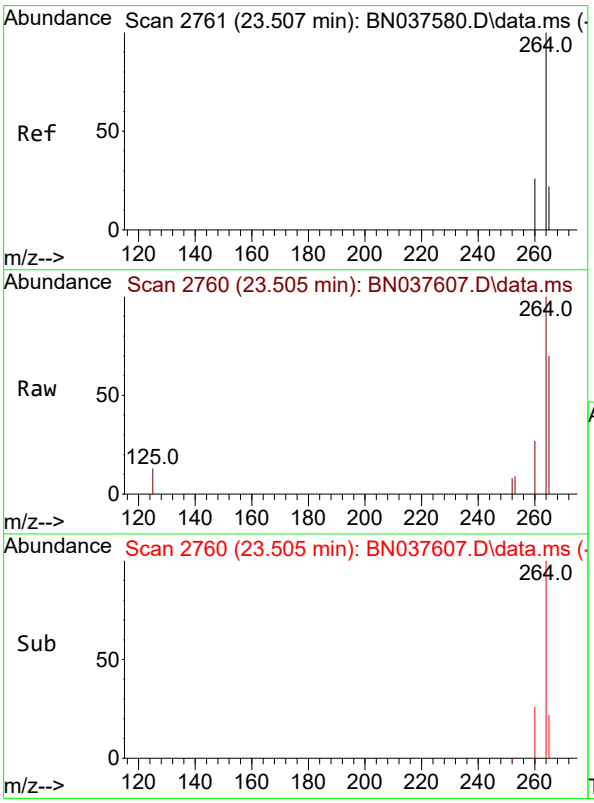
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 21.205 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:149 Resp: 727

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.5	30.7
279	2.5	2.6	4.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2760
Delta R.T. -0.003 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:264 Resp: 4415

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.6	32.4
265	69.5	48.2	72.4