Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
Data File : BN037640.D
Acq On : 20 Aug 2025 21:10
Operator : RC/JU
Sample : Q2886-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Quant Time: Aug 21 04:58:25 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	7.710	152	1993	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	4535	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	2256	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4998	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4680	0.400	ng	0.00
35) Perylene-d12	23.496	264	4140	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	725	0.160	ng	0.00
5) Phenol-d6	6.879	99	510	0.094	ng	0.00
8) Nitrobenzene-d5	8.854	82	1159	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1790	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	391	0.396	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	3910	0.300	ng	0.00
27) Fluoranthene-d10	19.113	212	5489	0.417	ng	0.00
31) Terphenyl-d14	19.717	244	4413	0.458	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.541	128	301	0.025	ng	# 52
16) Acenaphthylene	14.056	152	259	0.026	ng	95
17) Acenaphthene	14.409	154	149	0.022	ng	94
18) Fluorene	15.393	166	216	0.024	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.457	198	2	0.183	ng	# 1
25) Phenanthrene	17.124	178	540	0.036	ng	# 95
28) Fluoranthene	19.141	202	472	0.027	ng	# 78
30) Pyrene	19.503	202	481	0.027	ng	95
32) Benzo(a)anthracene	21.250	228	356	0.023	ng	# 76
33) Chrysene	21.304	228	380	0.022	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.196	149	1193	0.185	ng	99

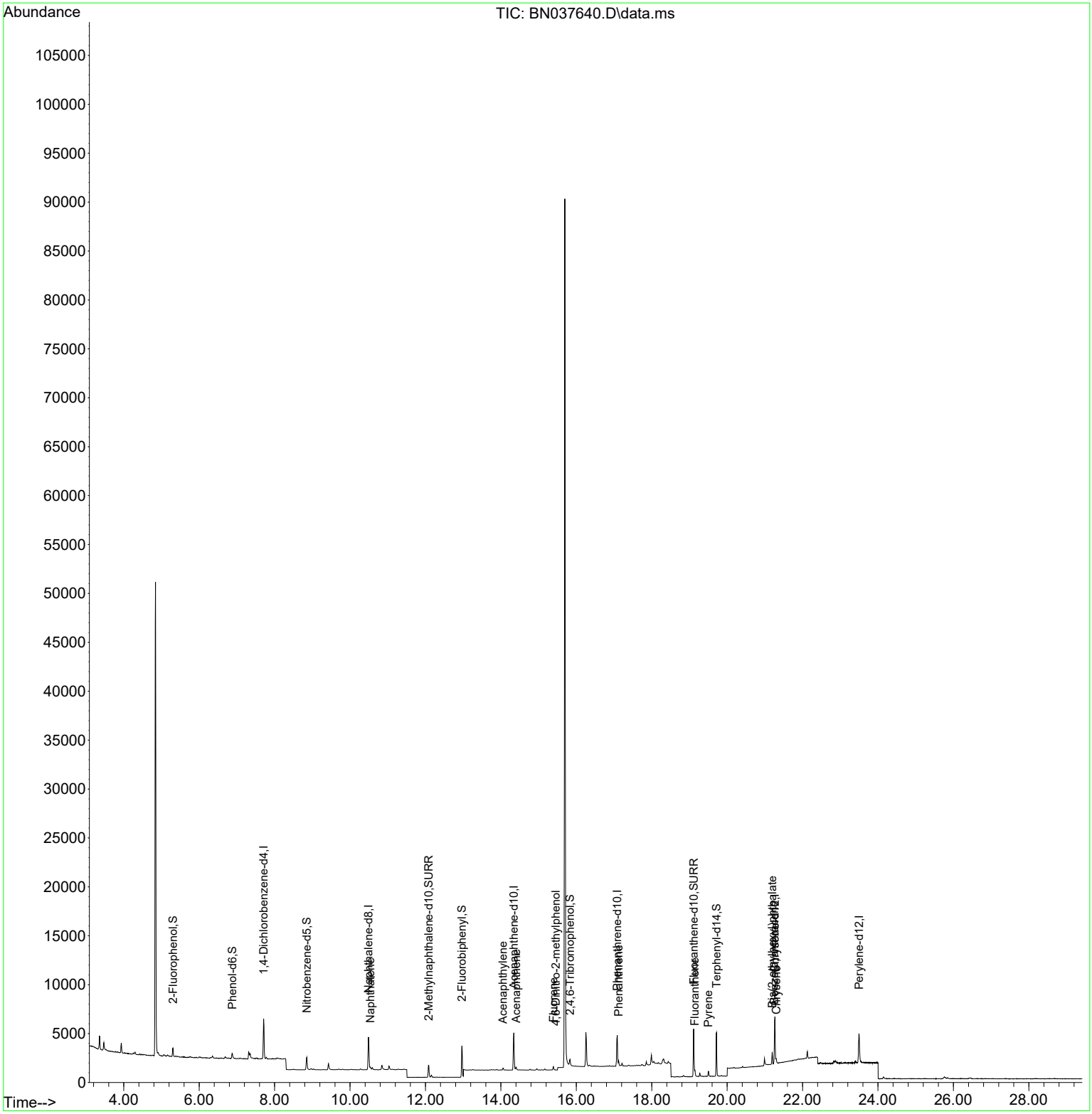
(#) = qualifier out of range (m) = manual integration (+) = signals summed

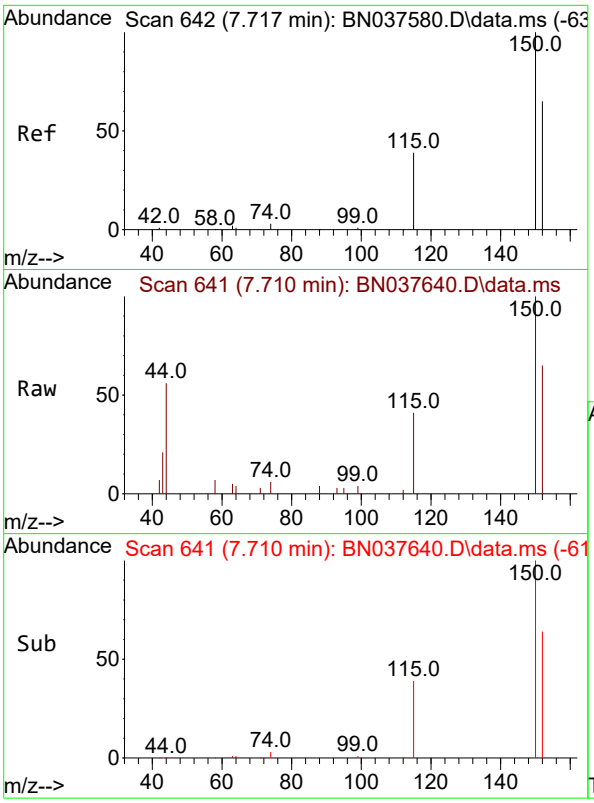
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
Data File : BN037640.D
Acq On : 20 Aug 2025 21:10
Operator : RC/JU
Sample : Q2886-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Quant Time: Aug 21 04:58:25 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



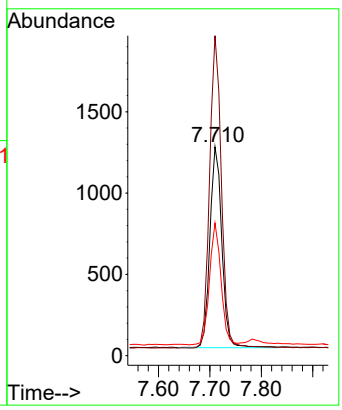


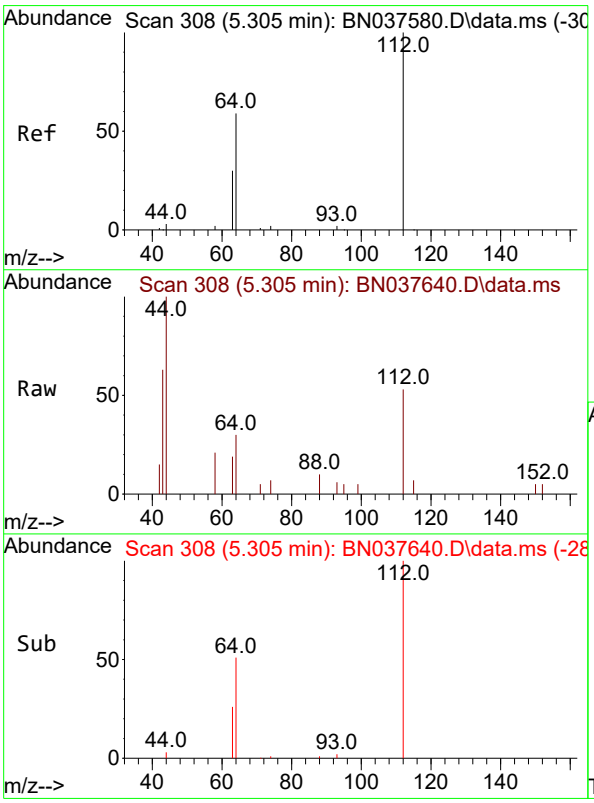
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:152 Resp: 1993

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.4
115	63.6	49.8	74.6

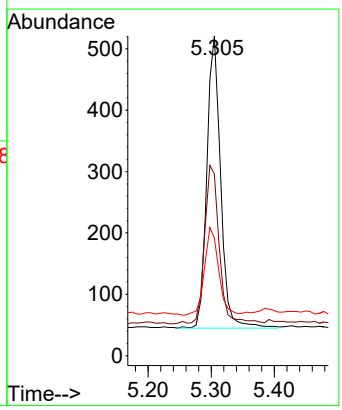


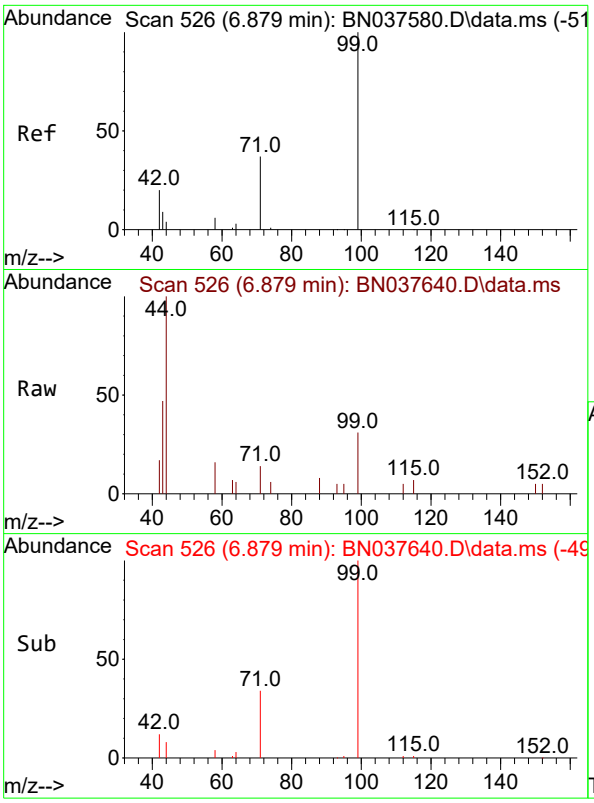


#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:112 Resp: 725

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.9	67.3
63	30.8	23.4	35.2



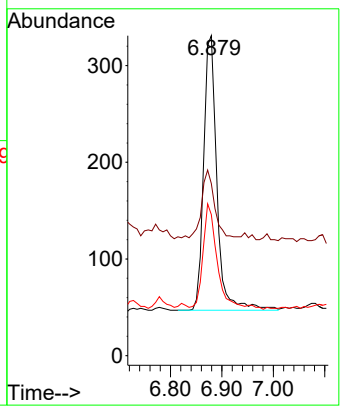


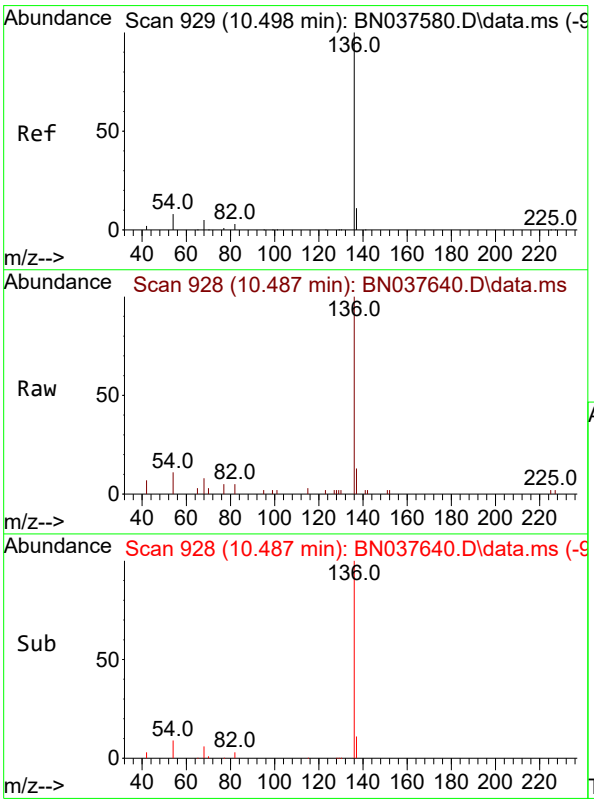
#5
Phenol-d6
Concen: 0.094 ng
RT: 6.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion: 99 Resp: 510

Ion	Ratio	Lower	Upper
99	100		
42	26.3	18.5	27.7
71	38.0	28.6	42.8

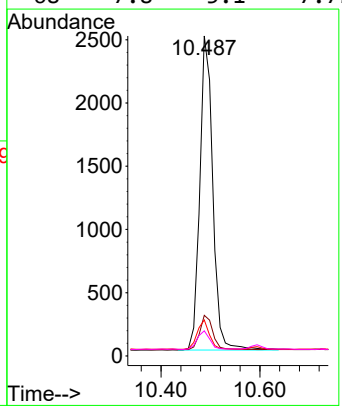


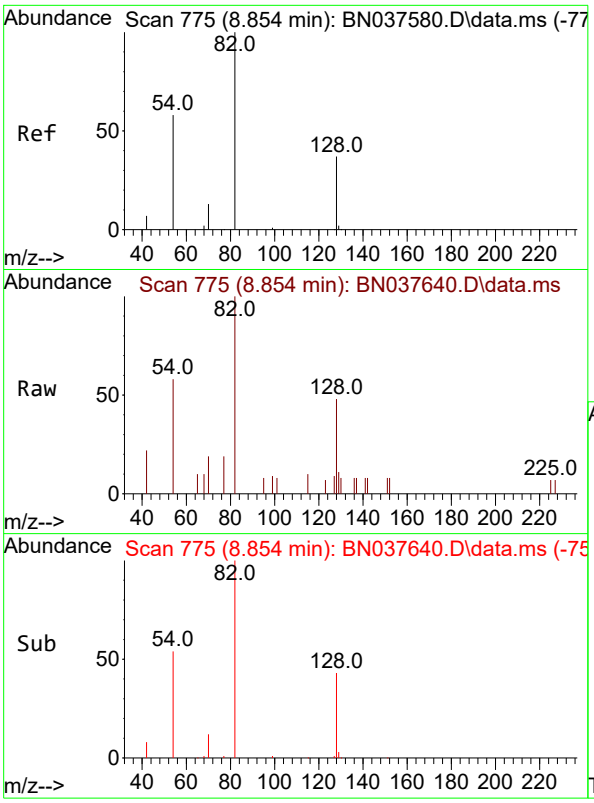


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.011 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:136 Resp: 4535

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	11.3	7.3	10.9#
68	7.8	5.1	7.7#



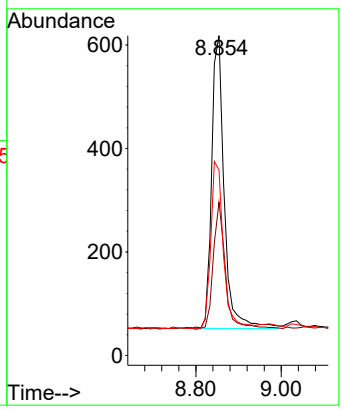


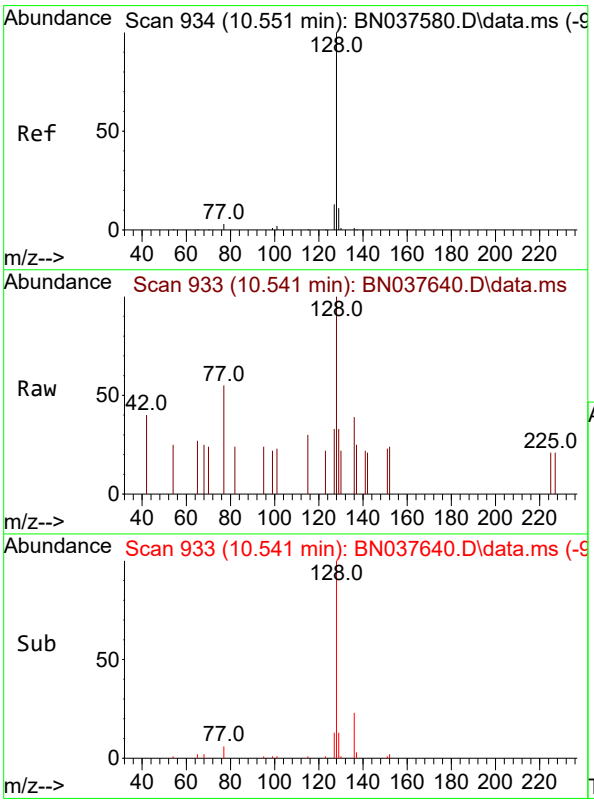
#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.854 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion: 82 Resp: 1159

Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.6	48.8
54	57.9	48.9	73.3

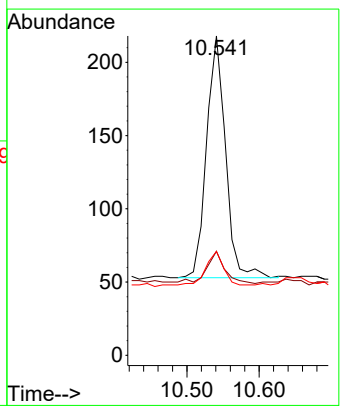


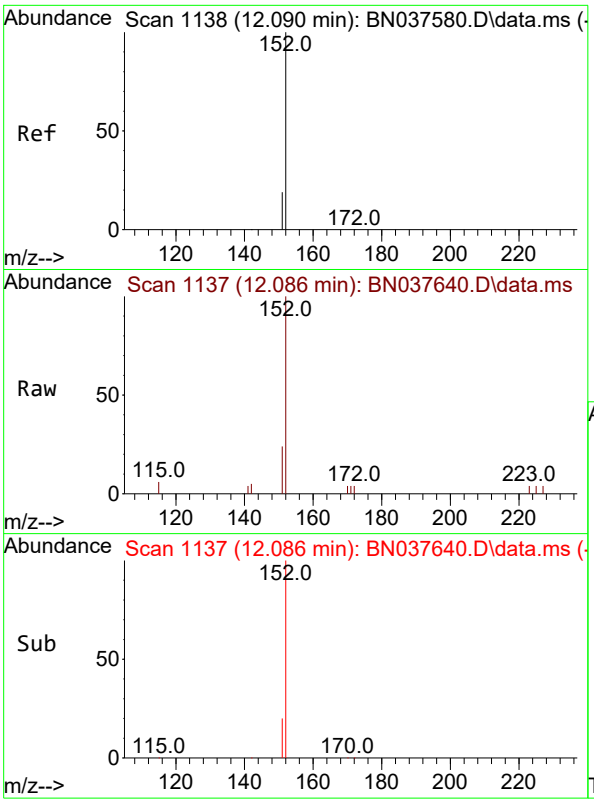


#9
Naphthalene
Concen: 0.025 ng
RT: 10.541 min Scan# 933
Delta R.T. -0.010 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:128 Resp: 301

Ion	Ratio	Lower	Upper
128	100		
129	32.6	9.8	14.6#
127	32.6	11.5	17.3#



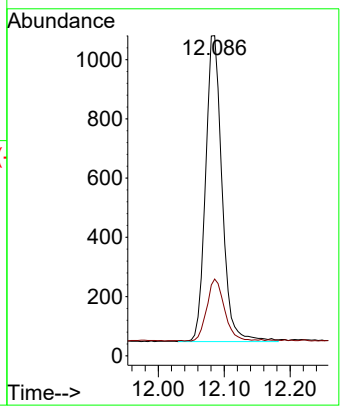


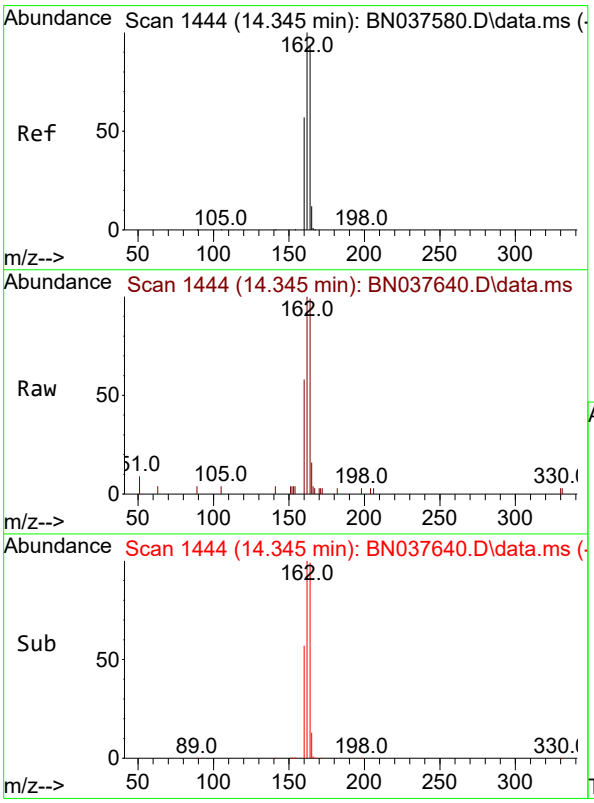
#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.086 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:152 Resp: 1790

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.3	25.9

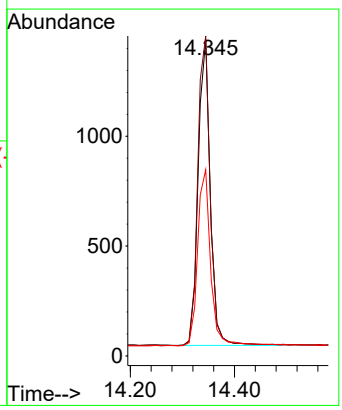


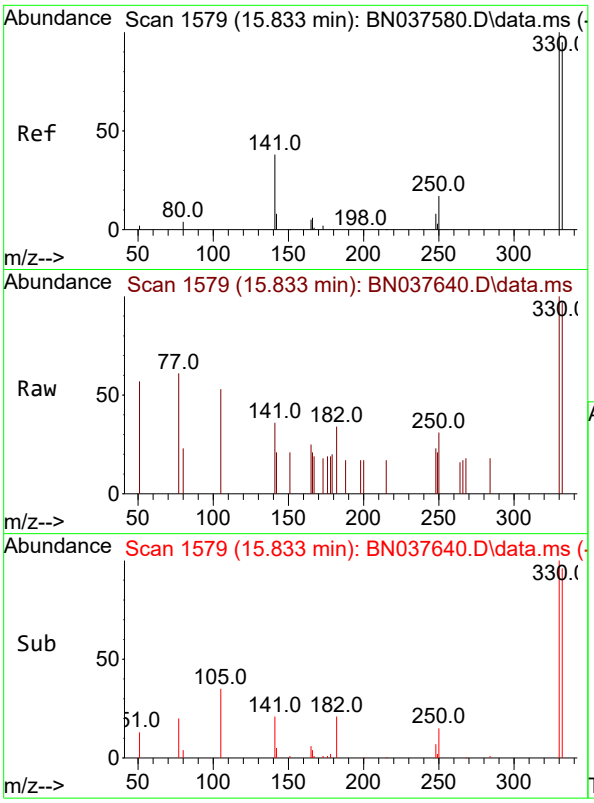


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:164 Resp: 2256

Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.5	128.3
160	58.8	49.5	74.3



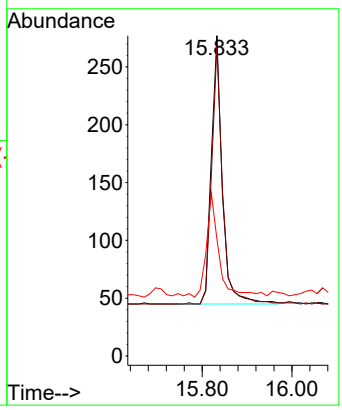


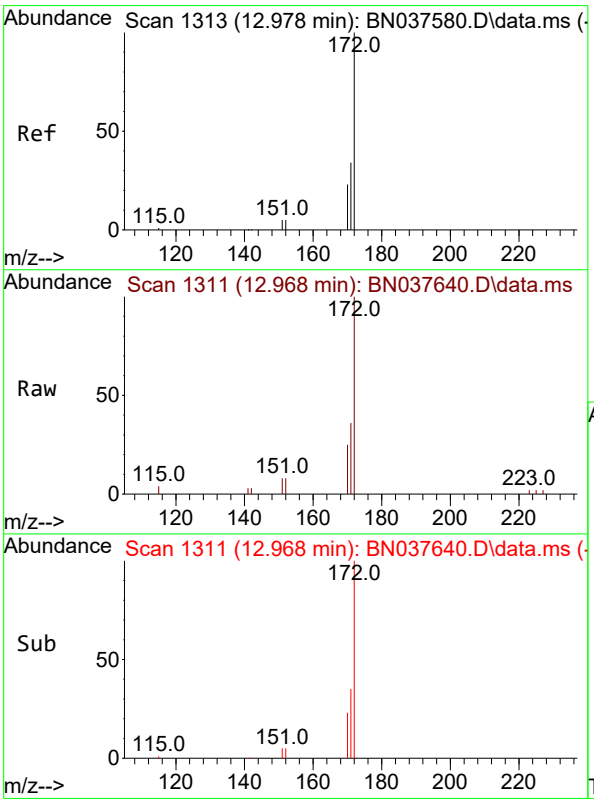
#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:330 Resp: 391

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	41.9	30.9	46.3

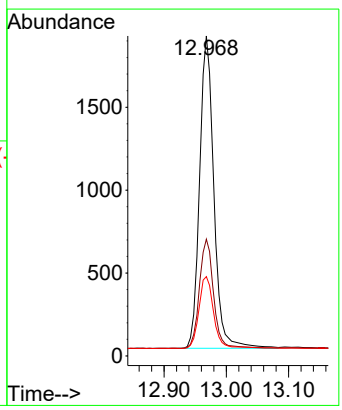


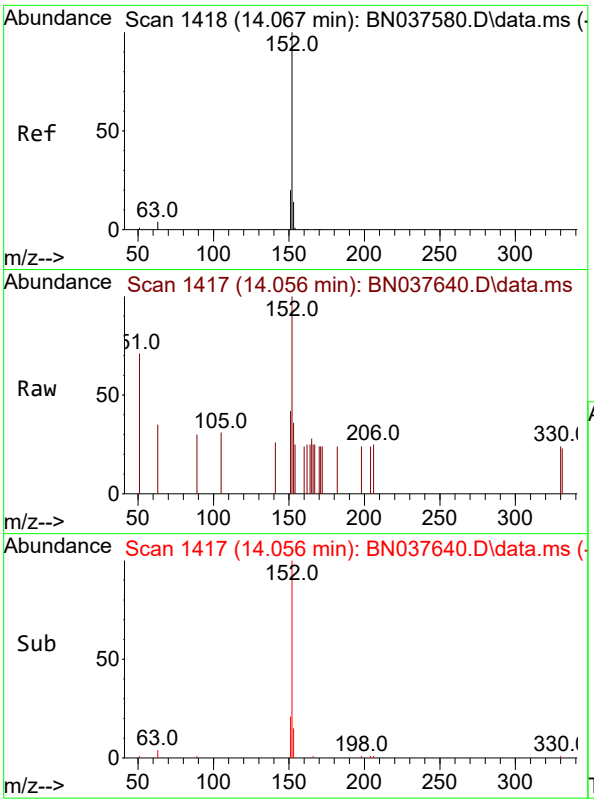


#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:172 Resp: 3910

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.4
170	24.8	19.2	28.8



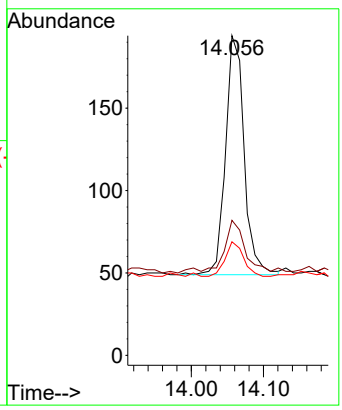


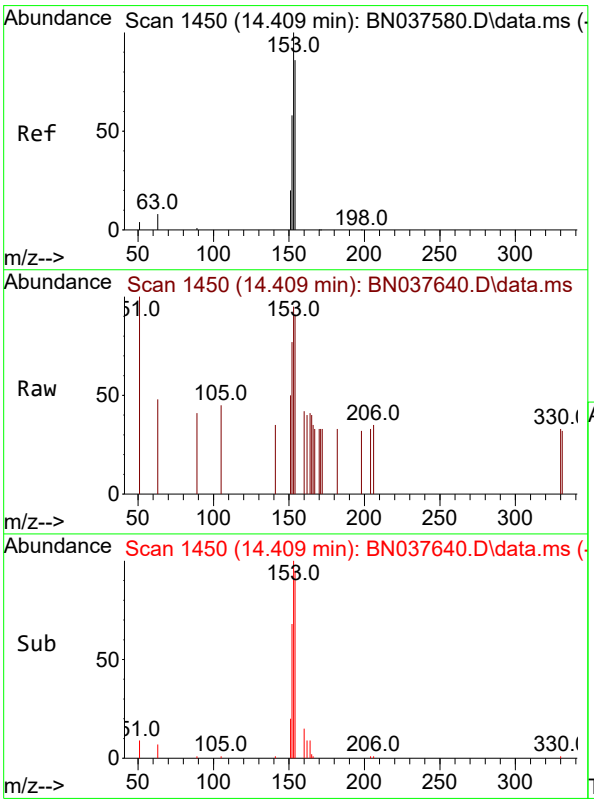
#16
Acenaphthylene
Concen: 0.026 ng
RT: 14.056 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:152 Resp: 259

Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.1	24.1
153	14.3	10.7	16.1

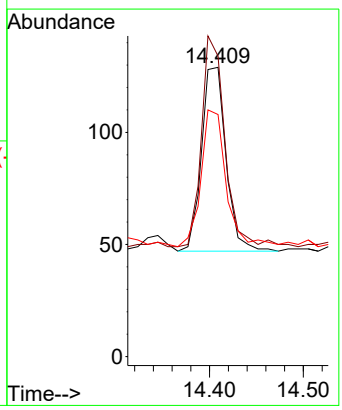


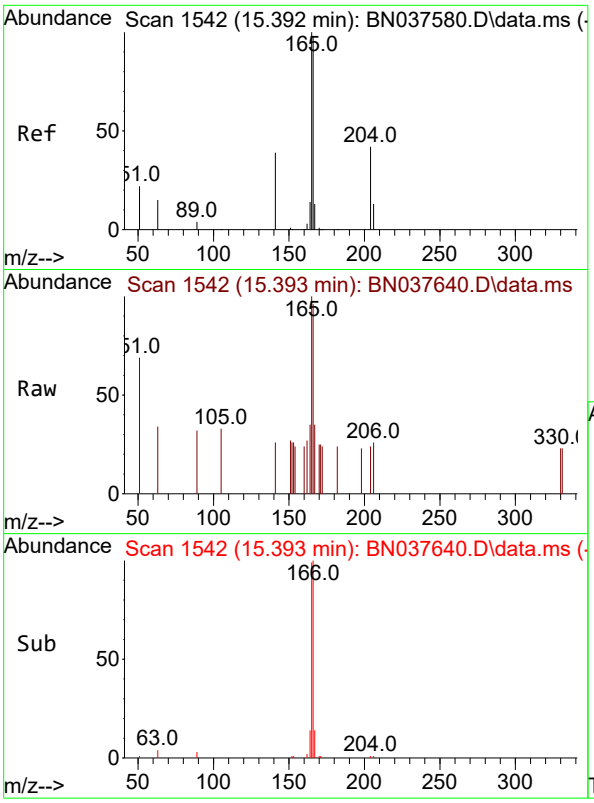


#17
Acenaphthene
Concen: 0.022 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:154 Resp: 149

Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.6	135.8
152	76.5	54.9	82.3



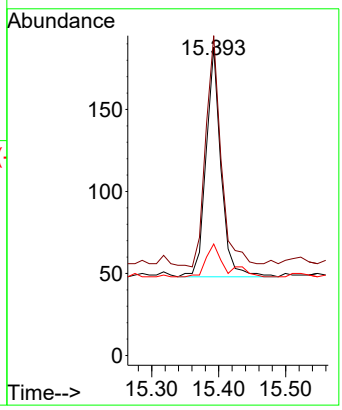


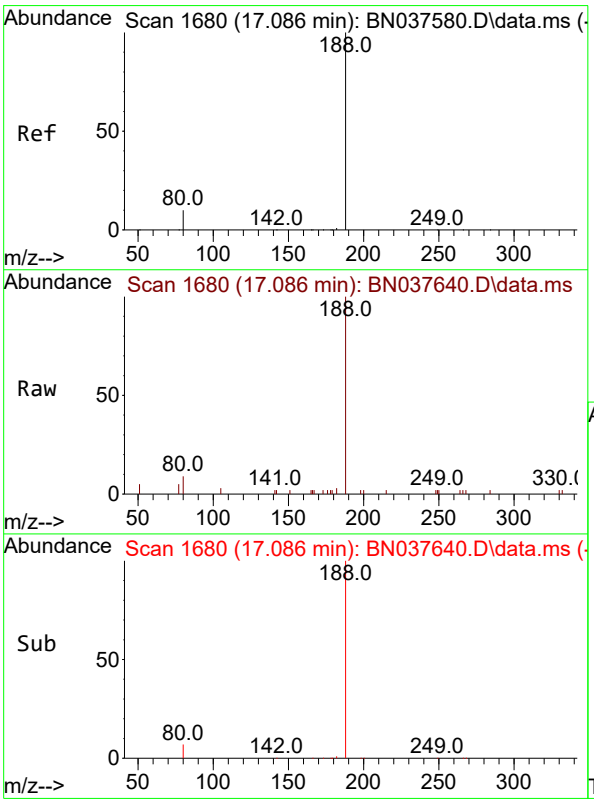
#18
Fluorene
Concen: 0.024 ng
RT: 15.393 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:166 Resp: 216

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.9	118.3
167	18.1	10.7	16.1#

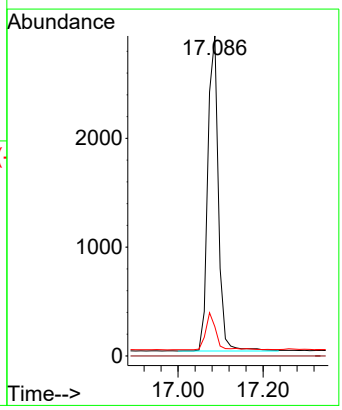


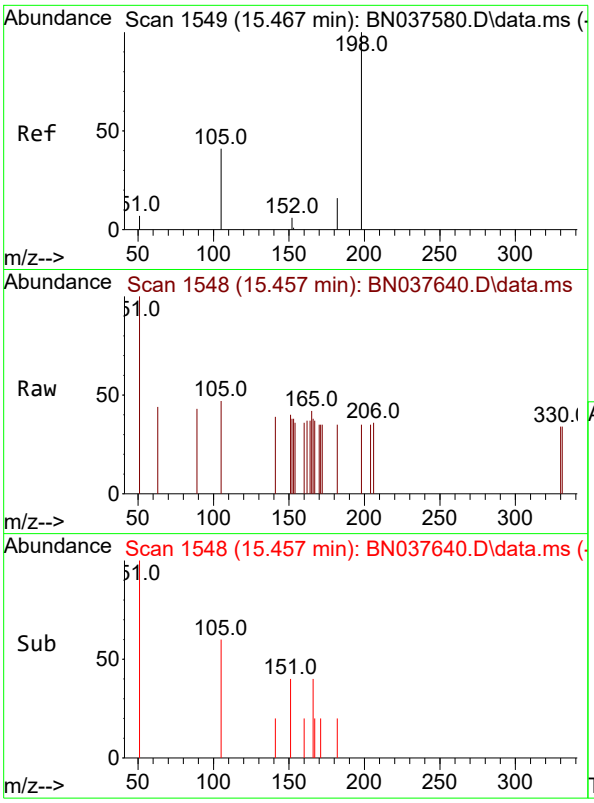


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:188 Resp: 4998

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	9.1	13.7



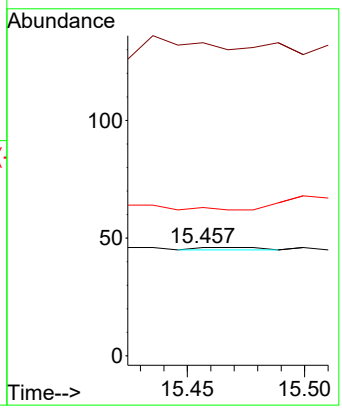


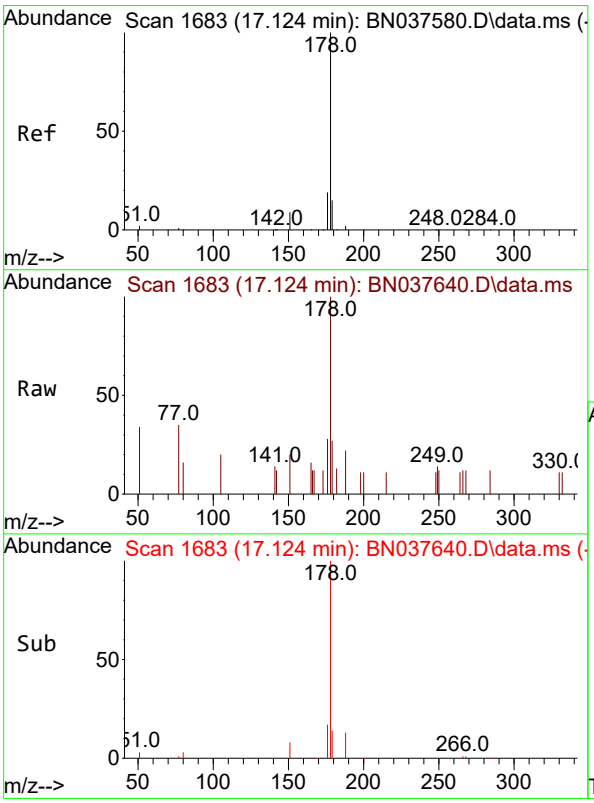
#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.457 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	289.1	81.0	121.6#
105	137.0	52.5	78.7#

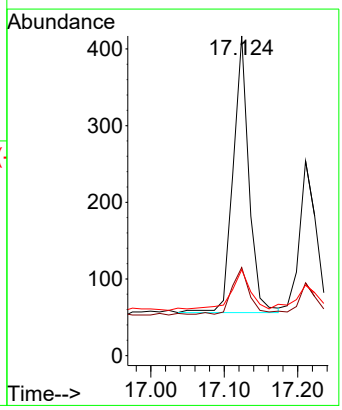


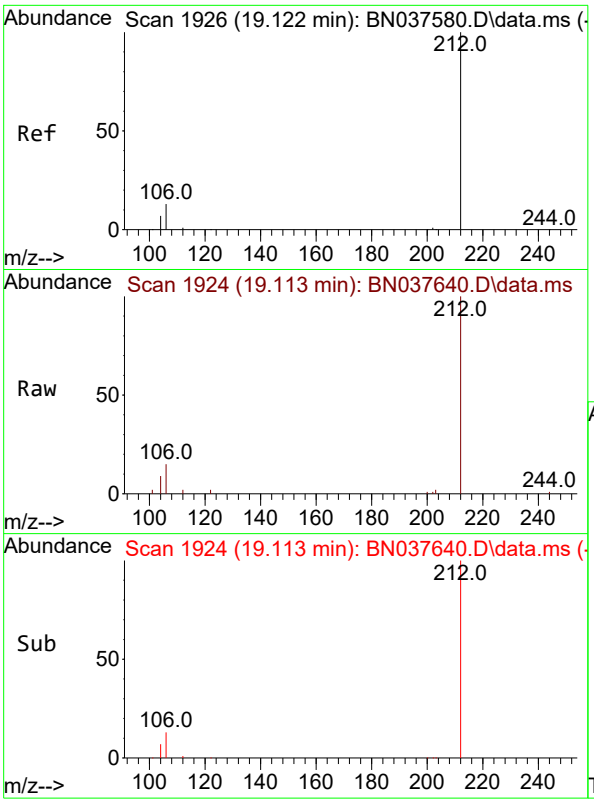


#25
Phenanthrene
Concen: 0.036 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:178 Resp: 540

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.6
179	19.1	12.3	18.5#



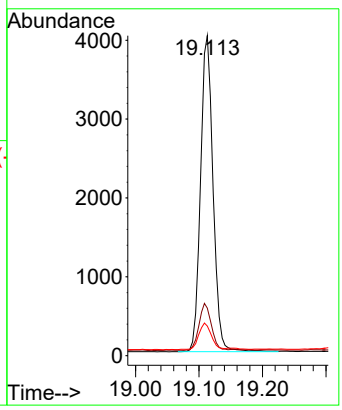


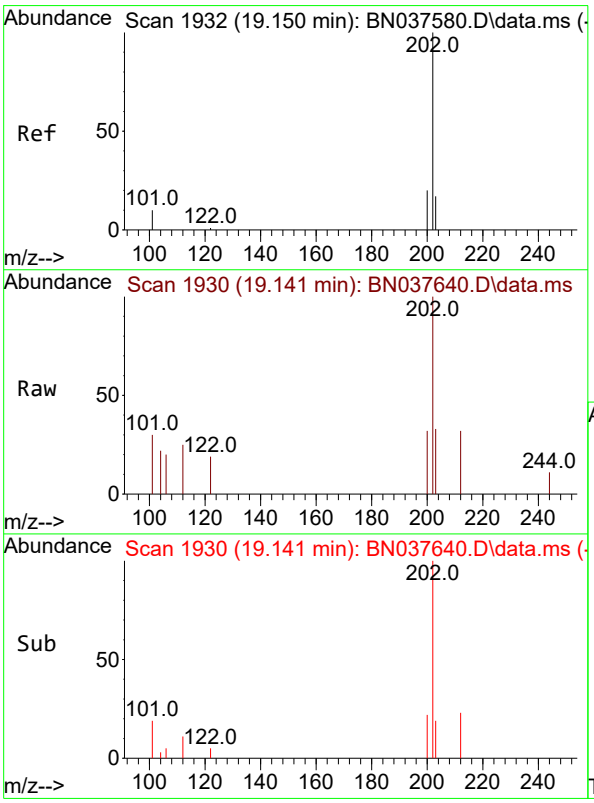
#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.113 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:212 Resp: 5489

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.5	6.6	9.8

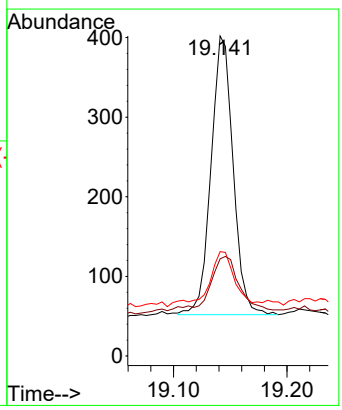


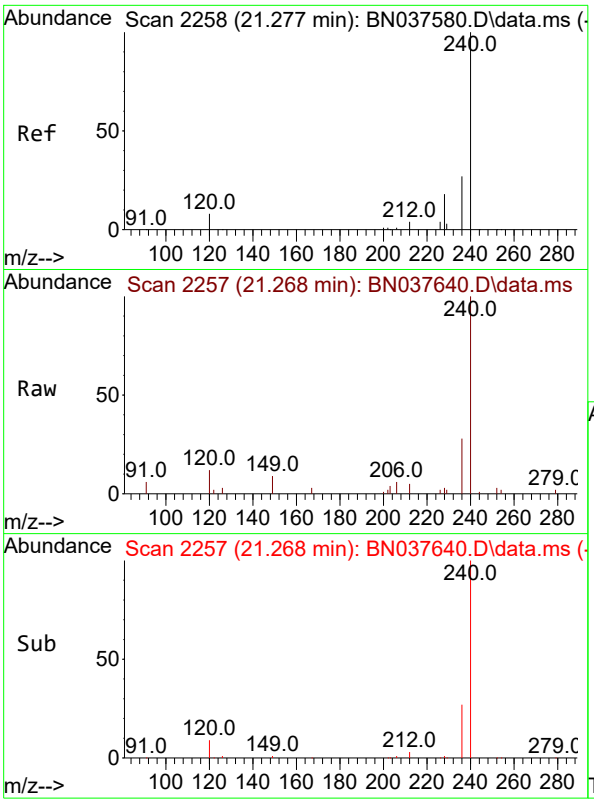


#28
Fluoranthene
Concen: 0.027 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:202 Resp: 472

Ion	Ratio	Lower	Upper
202	100		
101	31.1	9.0	13.6#
203	18.6	13.8	20.8



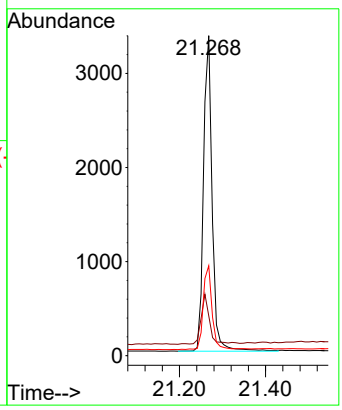


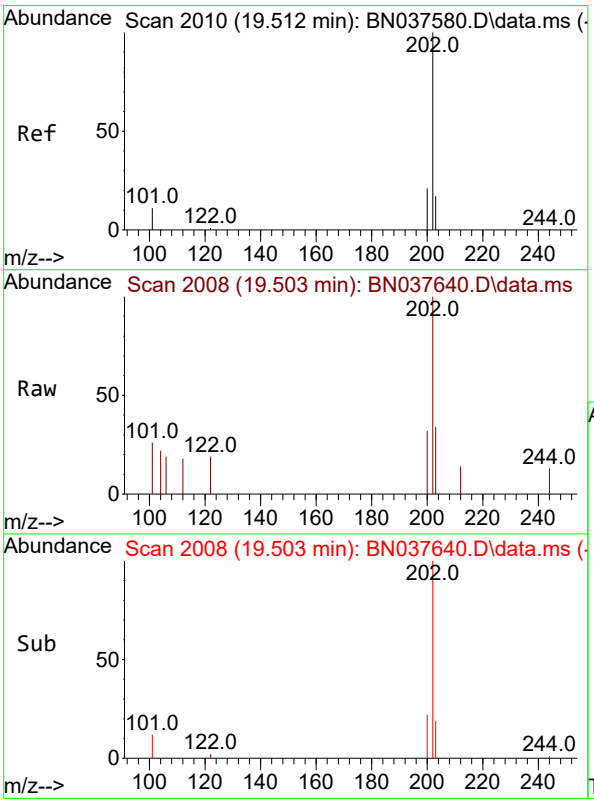
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:240 Resp: 4680

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.9	13.3
236	28.1	22.6	33.8

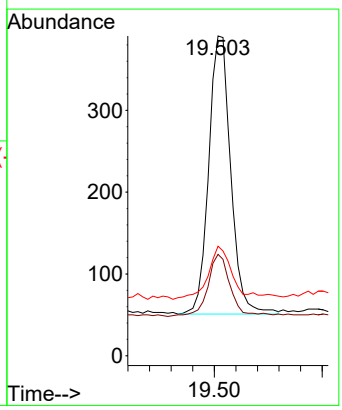


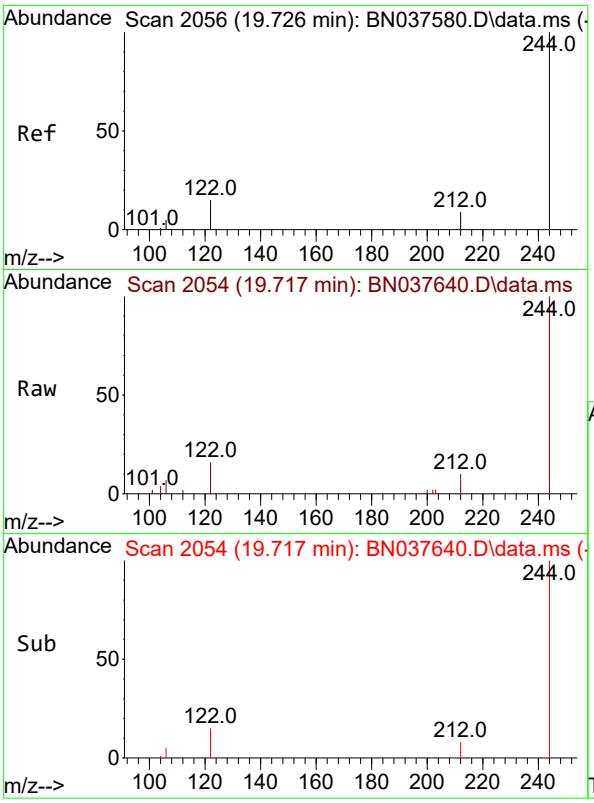


#30
Pyrene
Concen: 0.027 ng
RT: 19.503 min Scan# 2008
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:202 Resp: 481

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	25.0
203	20.0	14.3	21.5



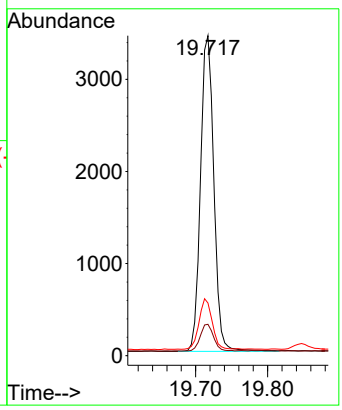


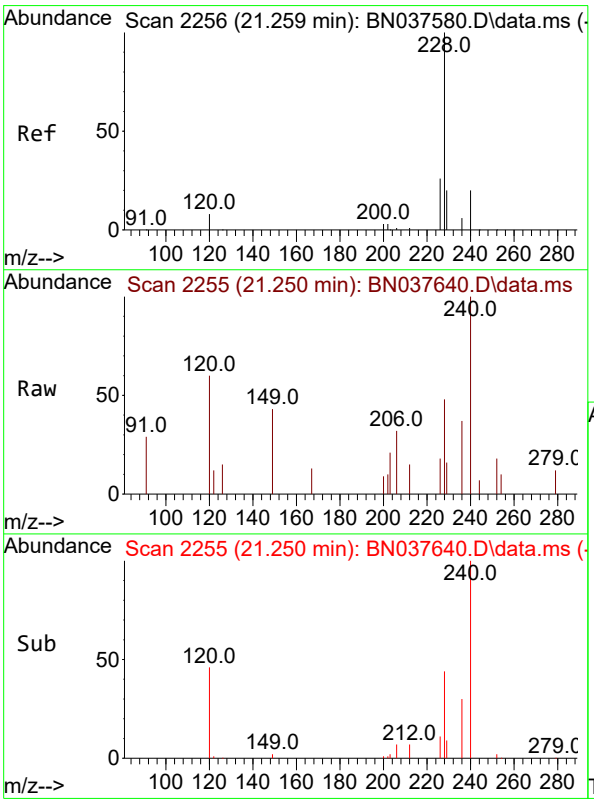
#31
Terphenyl-d14
Concen: 0.458 ng
RT: 19.717 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:244 Resp: 4413

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.2	12.2
122	16.5	13.2	19.8

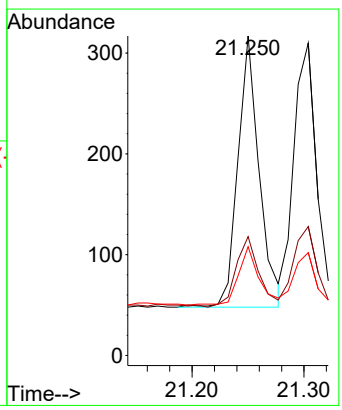


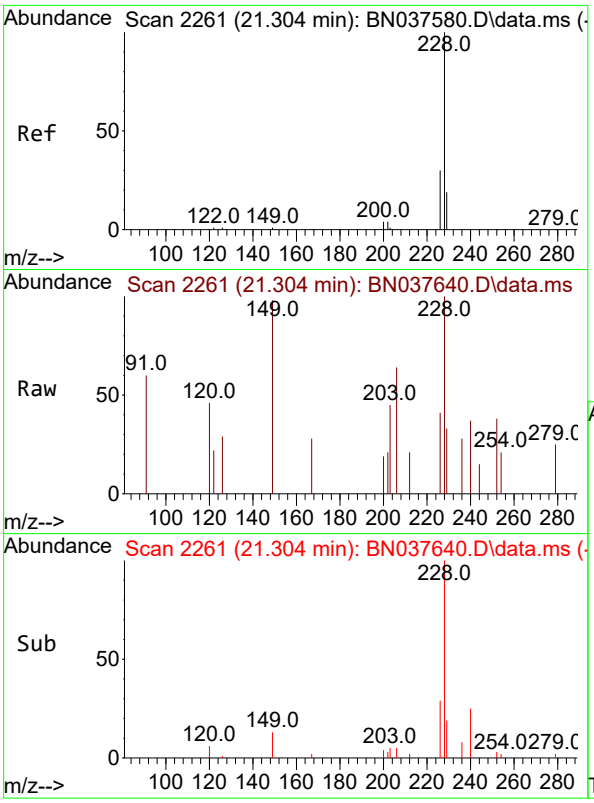


#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:228 Resp: 356

Ion	Ratio	Lower	Upper
228	100		
226	37.2	21.5	32.3#
229	34.1	16.5	24.7#



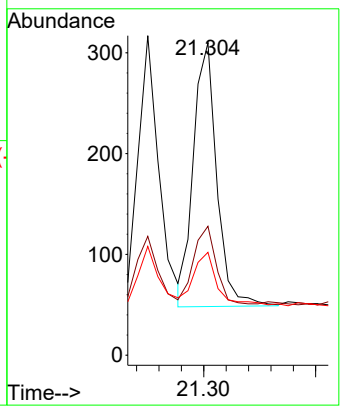


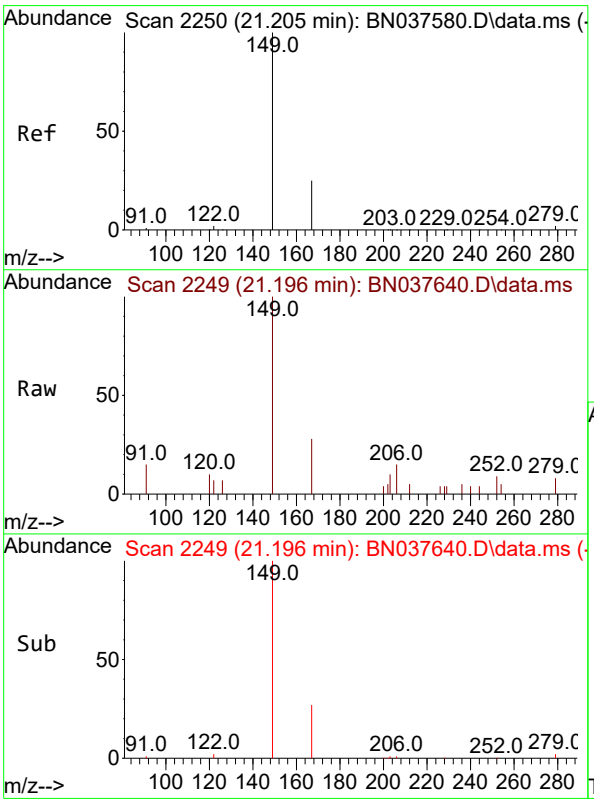
#33
Chrysene
Concen: 0.022 ng
RT: 21.304 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:228 Resp: 380

Ion	Ratio	Lower	Upper
228	100		
226	41.3	24.9	37.3#
229	32.9	15.8	23.8#

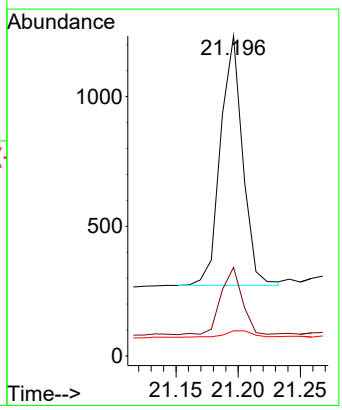


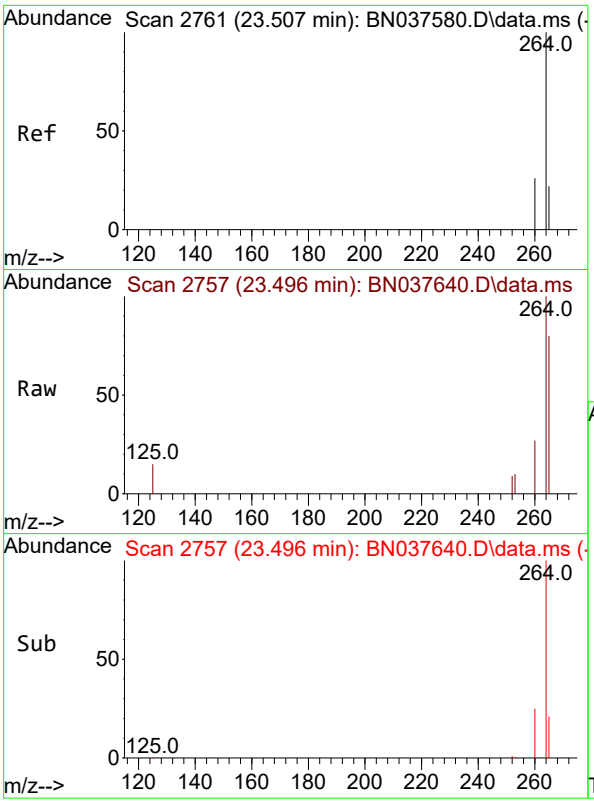


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.185 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:149 Resp: 1193

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.5	30.7
279	3.4	2.6	4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

Tgt Ion:264 Resp: 4140

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.6	32.4
265	79.6	48.2	72.4#