Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
Data File : BN038047.D
Acq On : 07 Oct 2025 15:41
Operator : RC/JU
Sample : Q3248-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Quant Time: Oct 07 16:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7914	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22866	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	12377	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	24052	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	13934	0.400	ng	0.00
35) Perylene-d12	23.709	264	10696	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2864	0.159	ng	0.00
5) Phenol-d6	6.959	99	2376	0.100	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6210	0.356	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	10942	0.344	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1637	0.349	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	18912	0.373	ng	-0.02
27) Fluoranthene-d10	19.239	212	23036	0.381	ng	-0.01
31) Terphenyl-d14	19.838	244	20900	0.753	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1097	0.137	ng	# 60
3) n-Nitrosodimethylamine	3.586	42	324	0.030	ng	# 25
6) bis(2-Chloroethyl)ether	7.125	93	6371	0.289	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.585	198	20	0.074	ng	# 1
33) Chrysene	21.429	228	1196	0.023	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.313	149	2923	0.152	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.075	276	1214	0.025	ng	# 84
37) Benzo(b)fluoranthene	23.008	252	1317	0.029	ng	# 1
38) Benzo(k)fluoranthene	23.054	252	1145	0.025	ng	# 1
40) Dibenzo(a,h)anthracene	26.086	278	774	0.020	ng	# 1
41) Benzo(g,h,i)perylene	26.794	276	1042	0.026	ng	# 57

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

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QLast Update : Wed Sep 24 11:00:01 2025
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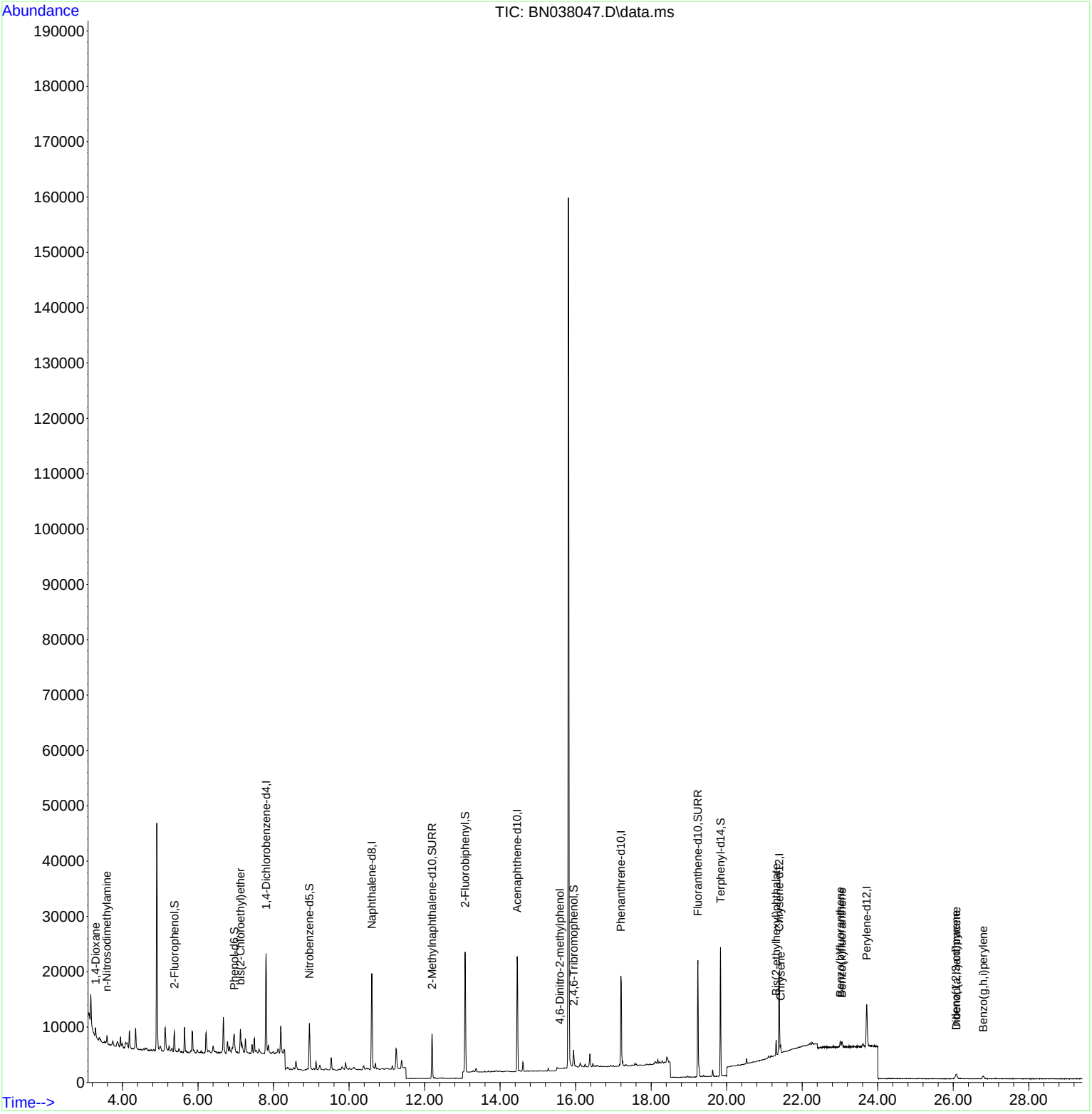
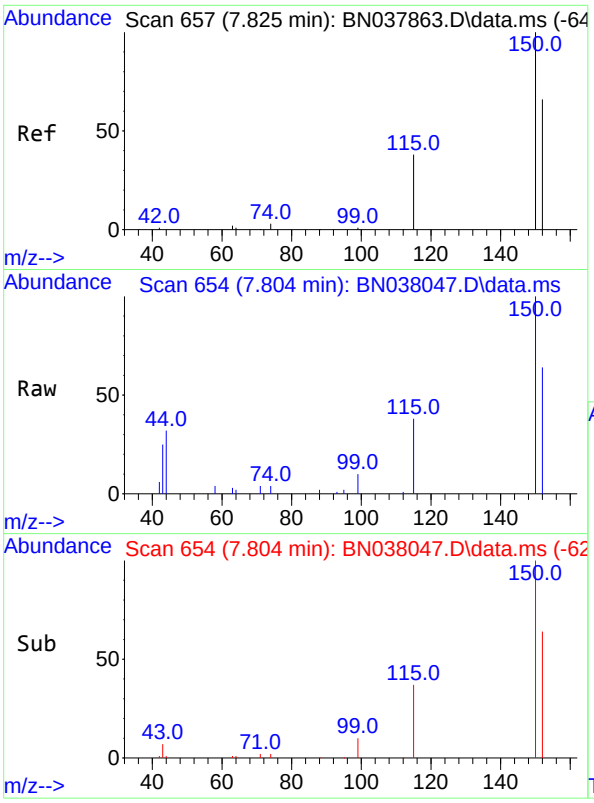


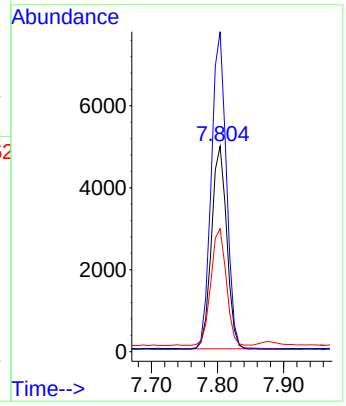


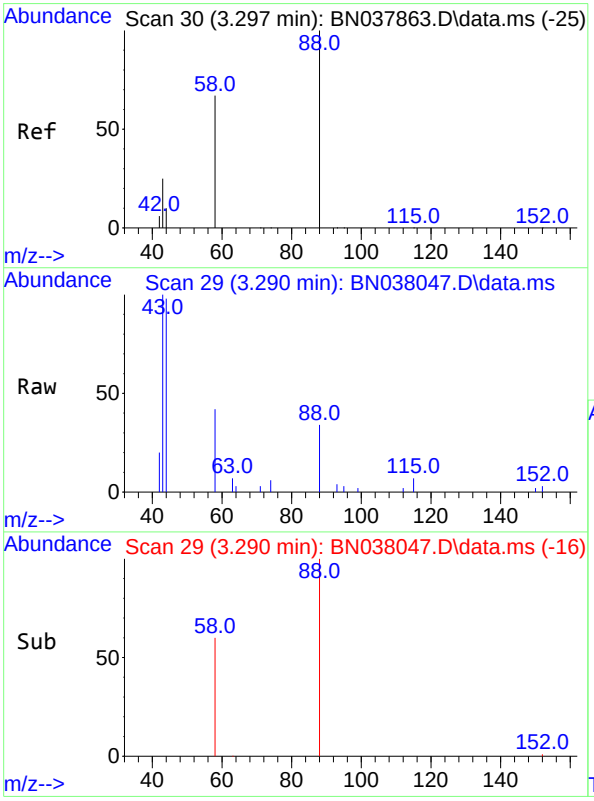
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:152 Resp: 7914

Ion	Ratio	Lower	Upper
152	100		
150	155.8	121.0	181.4
115	59.8	47.4	71.0

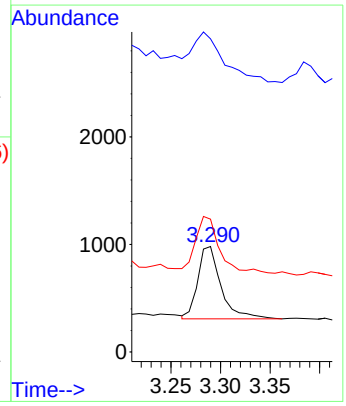


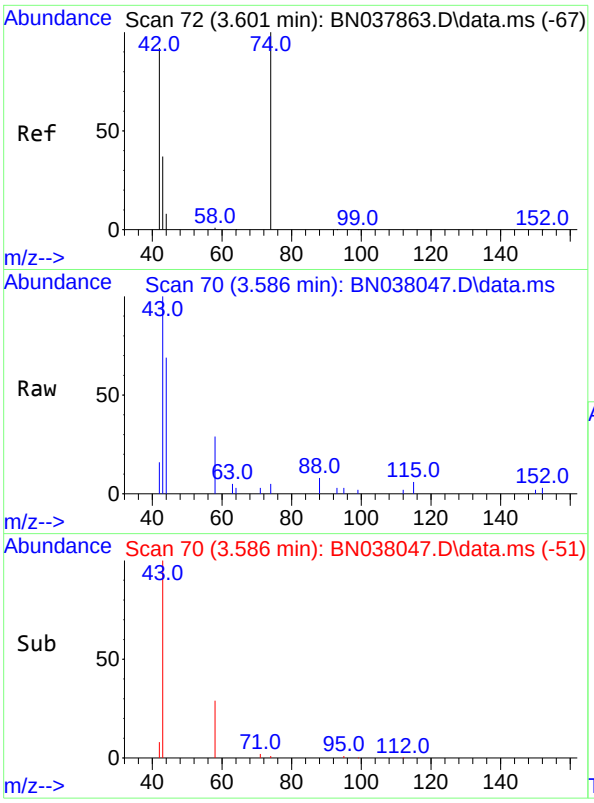


#2
1,4-Dioxane
Concen: 0.137 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion: 88 Resp: 1097

Ion	Ratio	Lower	Upper
88	100		
43	95.9	26.6	39.8#
58	79.9	58.9	88.3



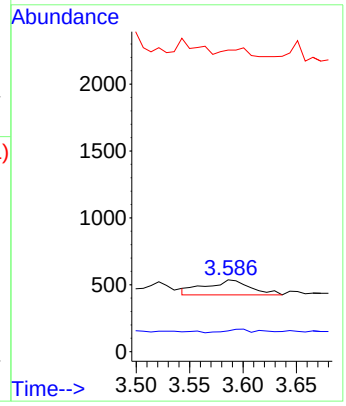


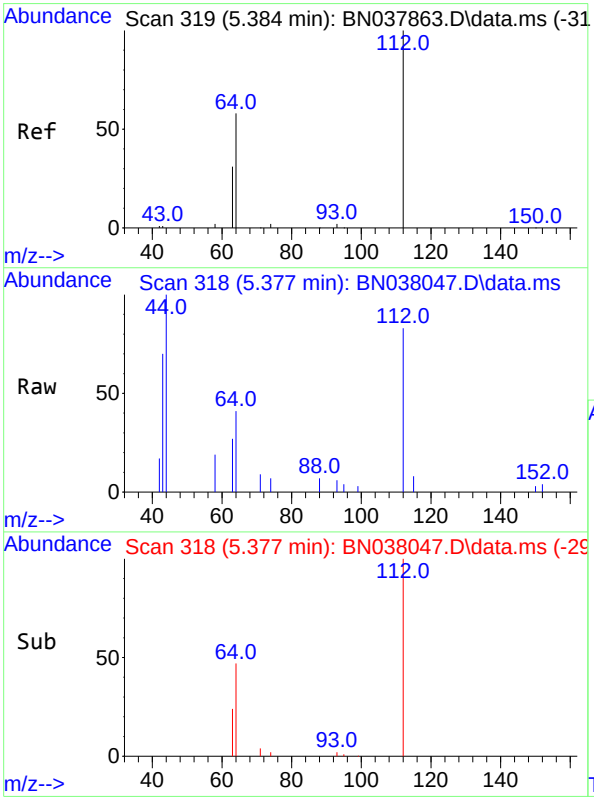
#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.586 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion: 42 Resp: 324

Ion	Ratio	Lower	Upper
42	100		
74	16.4	93.4	140.0#
44	26.5	22.2	33.4

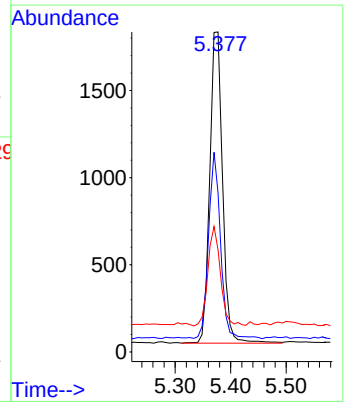


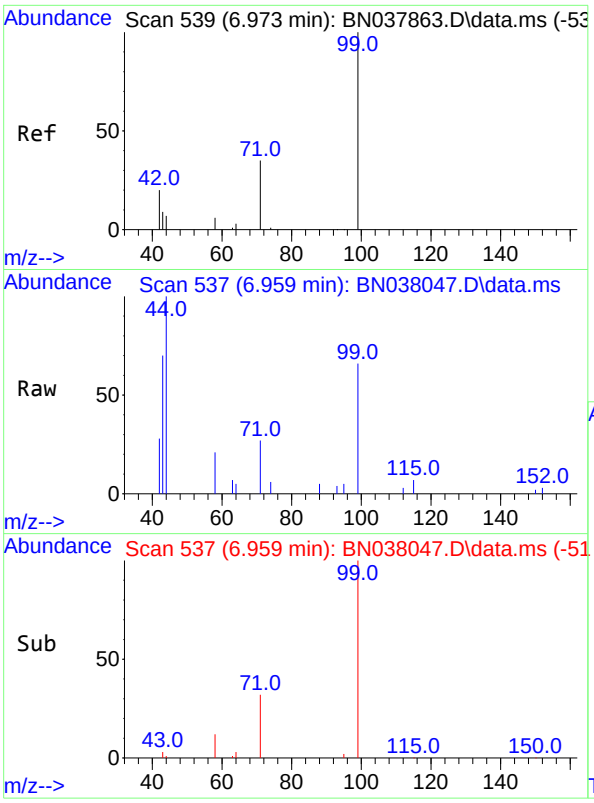


#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:112 Resp: 2864

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.6	66.8
63	31.1	24.9	37.3



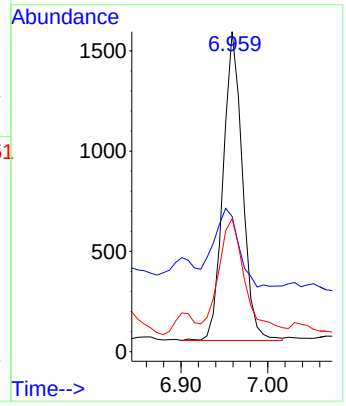


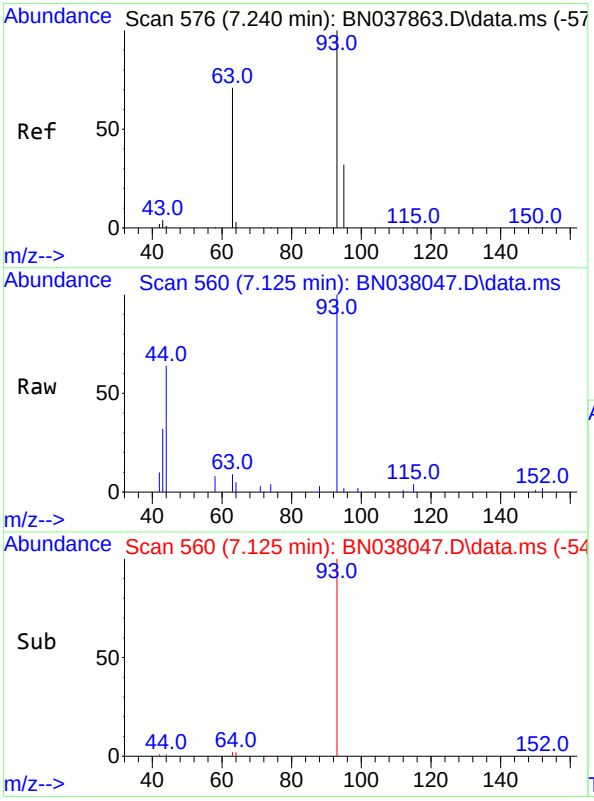
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.959 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion: 99 Resp: 2376

Ion	Ratio	Lower	Upper
99	100		
42	32.4	17.2	25.8#
71	48.9	27.3	40.9#

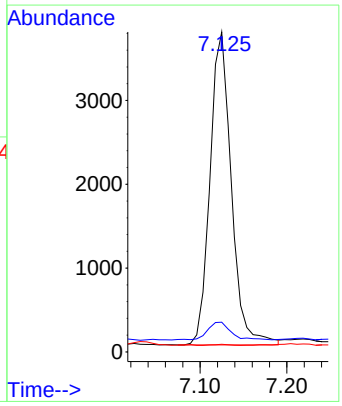


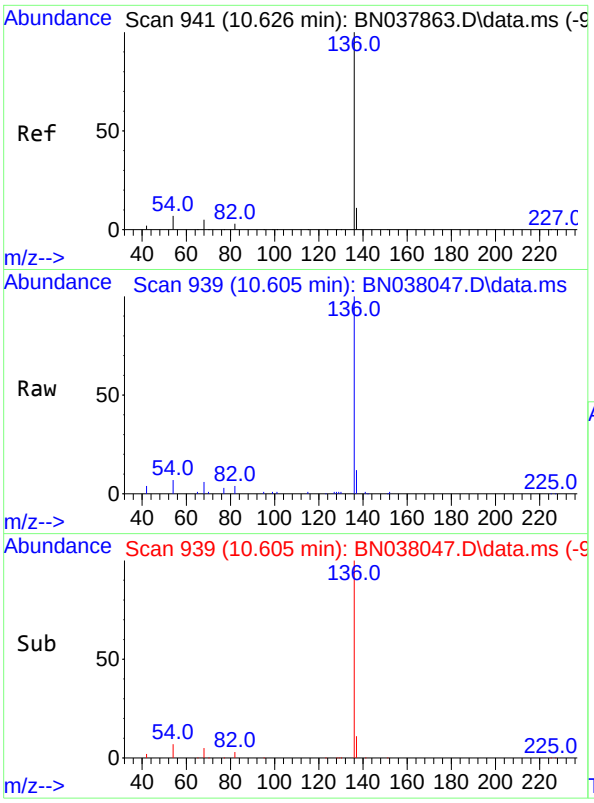


#6
bis(2-Chloroethyl)ether
Concen: 0.289 ng
RT: 7.125 min Scan# 560
Delta R.T. -0.116 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion: 93 Resp: 6371

Ion	Ratio	Lower	Upper
93	100		
63	6.4	60.1	90.1#
95	0.3	25.4	38.2#



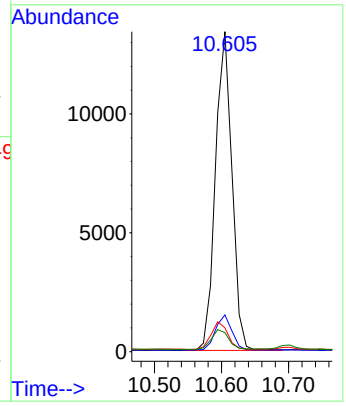


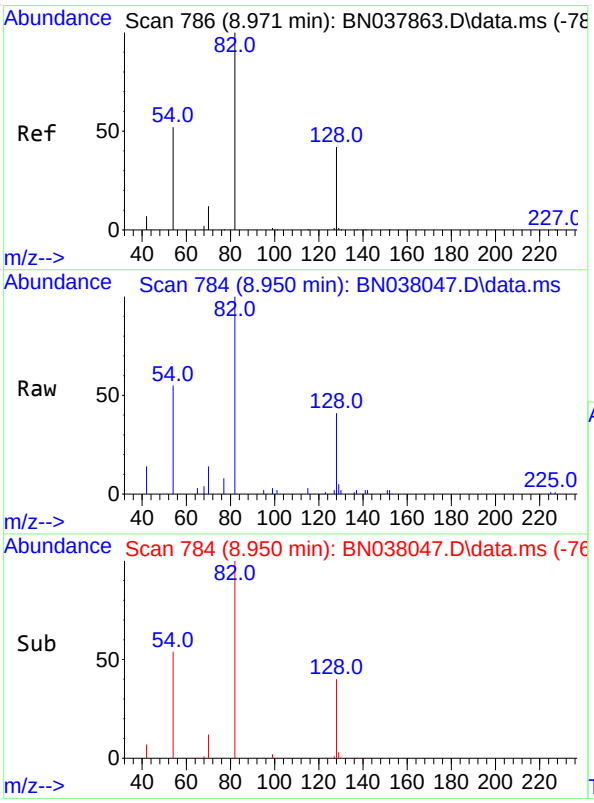
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:136 Resp: 22866

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.4	5.8	8.8
68	6.0	4.3	6.5

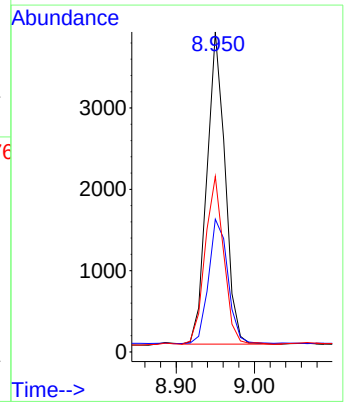


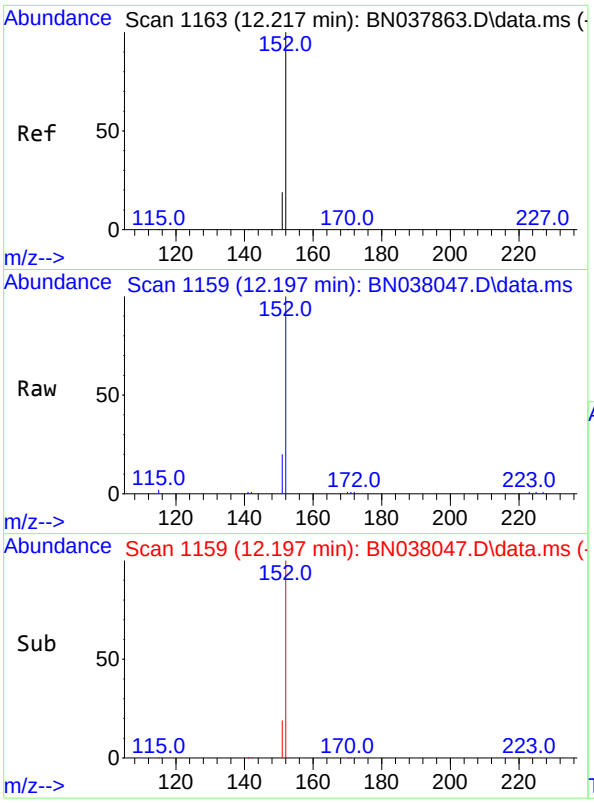


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion: 82 Resp: 6210

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.8	52.2
54	54.8	42.2	63.2



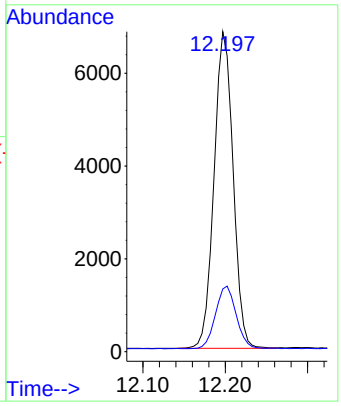


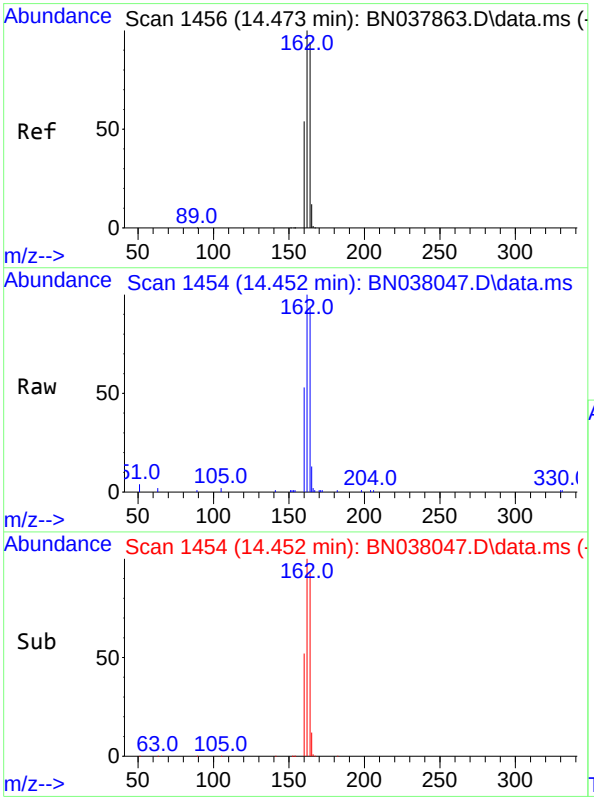
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.197 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:152 Resp: 10942

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2

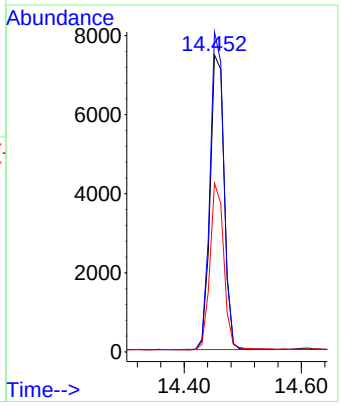


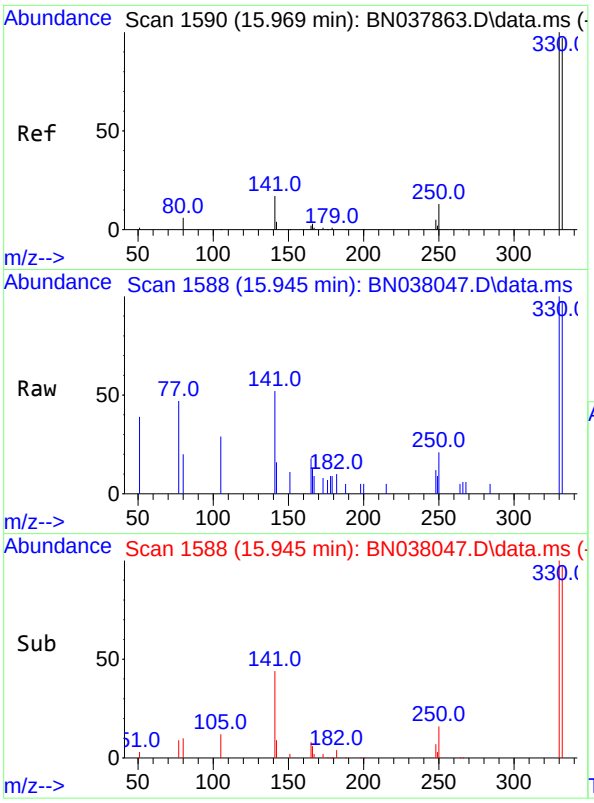


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:164 Resp: 12377

Ion	Ratio	Lower	Upper
164	100		
162	107.7	84.8	127.2
160	56.8	46.1	69.1



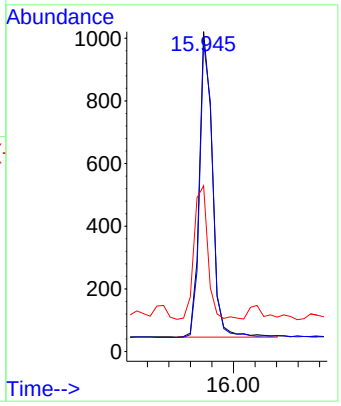


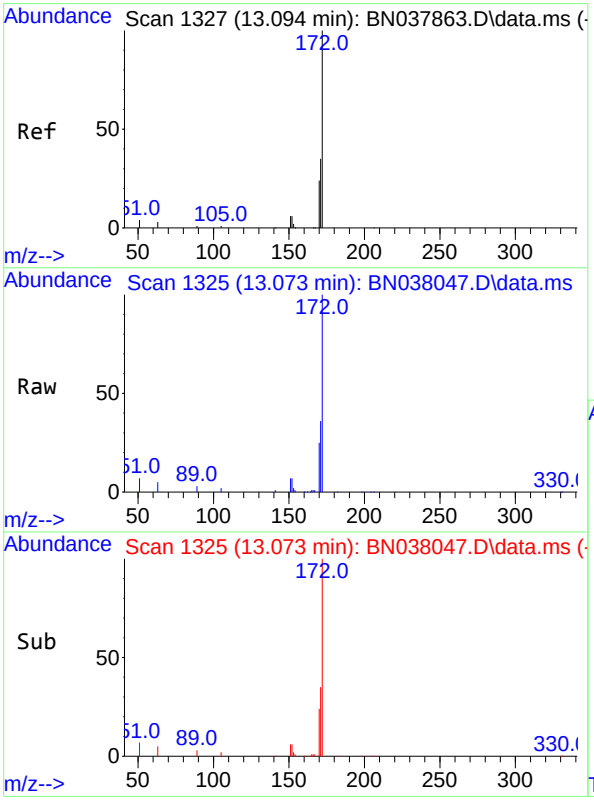
#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.945 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:330 Resp: 1637

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	46.5	37.2	55.8

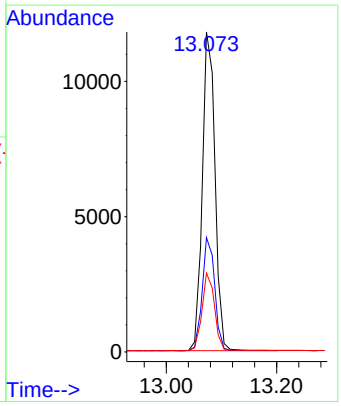


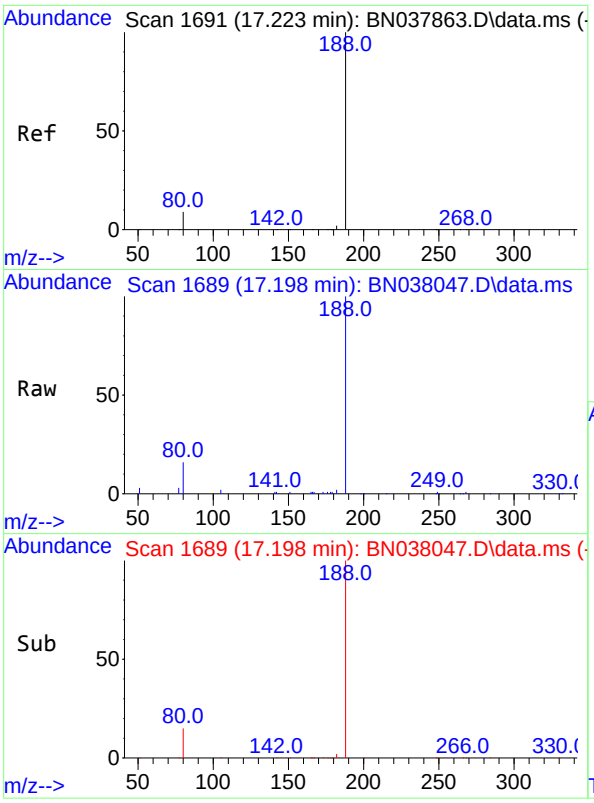


#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:172 Resp: 18912

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.6	19.7	29.5



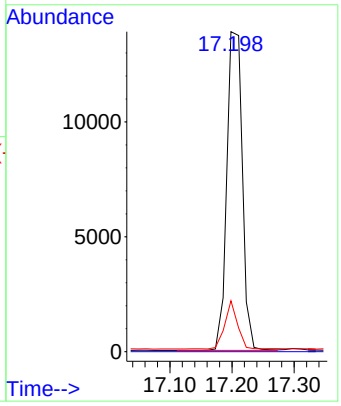


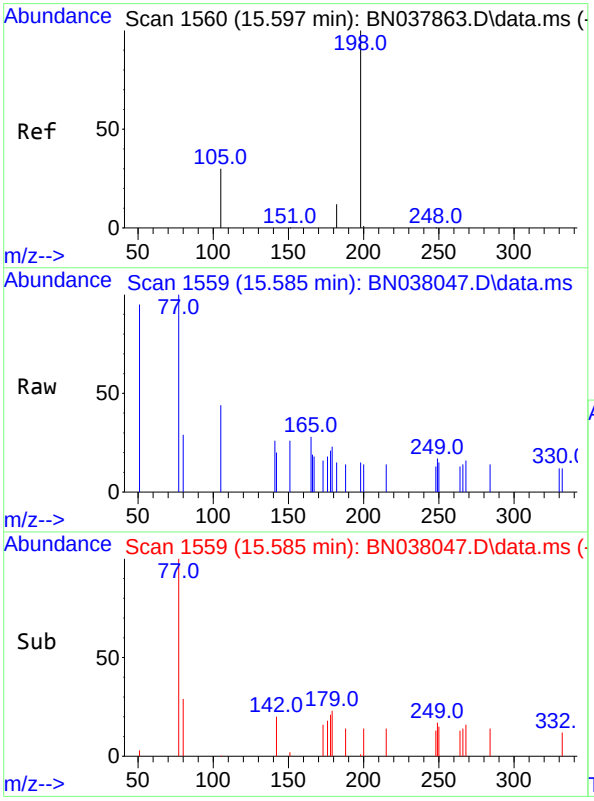
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:188 Resp: 24052

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.9	7.6	11.4#

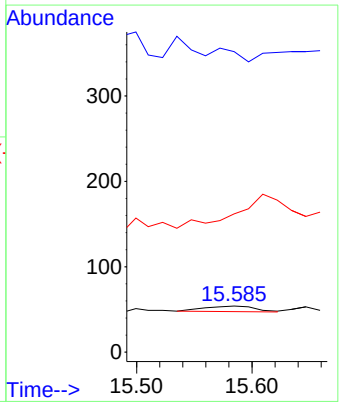


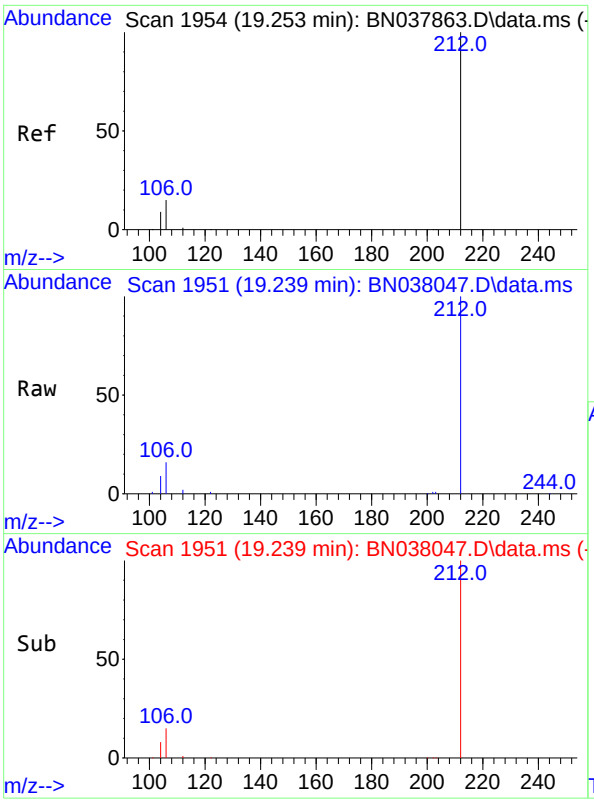


#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:198 Resp: 20

Ion	Ratio	Lower	Upper
198	100		
51	651.9	59.1	88.7#
105	300.0	41.3	61.9#



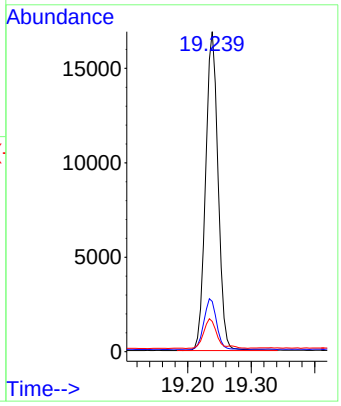


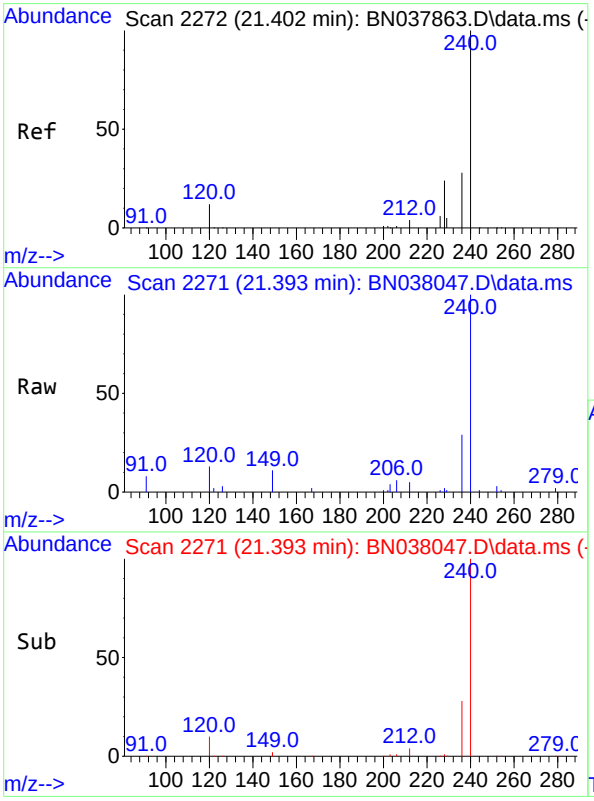
#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.239 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:212 Resp: 23036

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.4	7.4	11.0

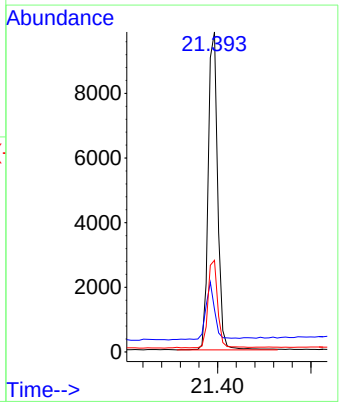


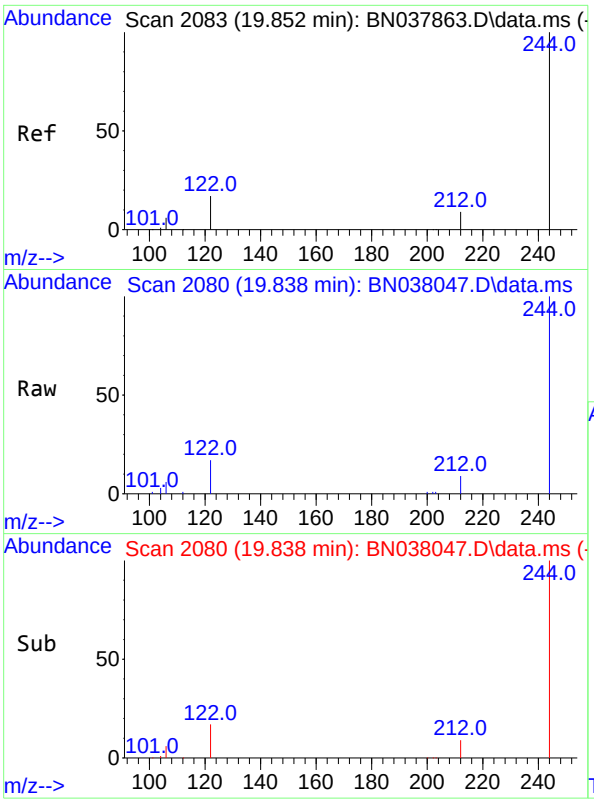


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:240 Resp: 13934

Ion	Ratio	Lower	Upper
240	100		
120	13.3	11.4	17.2
236	28.7	23.0	34.6



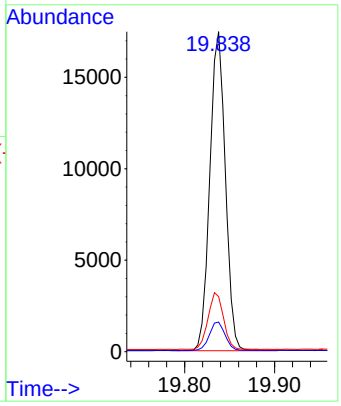


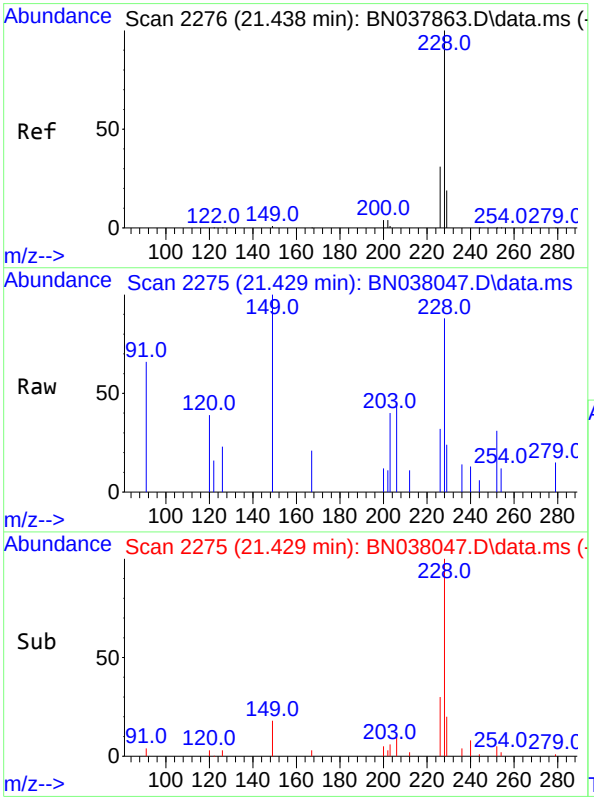
#31
Terphenyl-d14
Concen: 0.753 ng
RT: 19.838 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:244 Resp: 20900

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	17.2	13.9	20.9

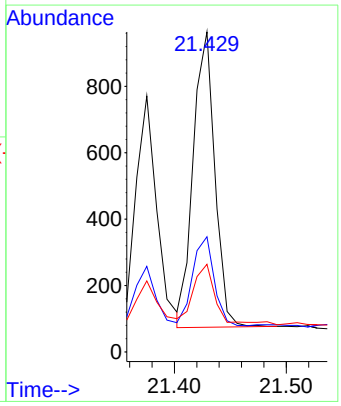


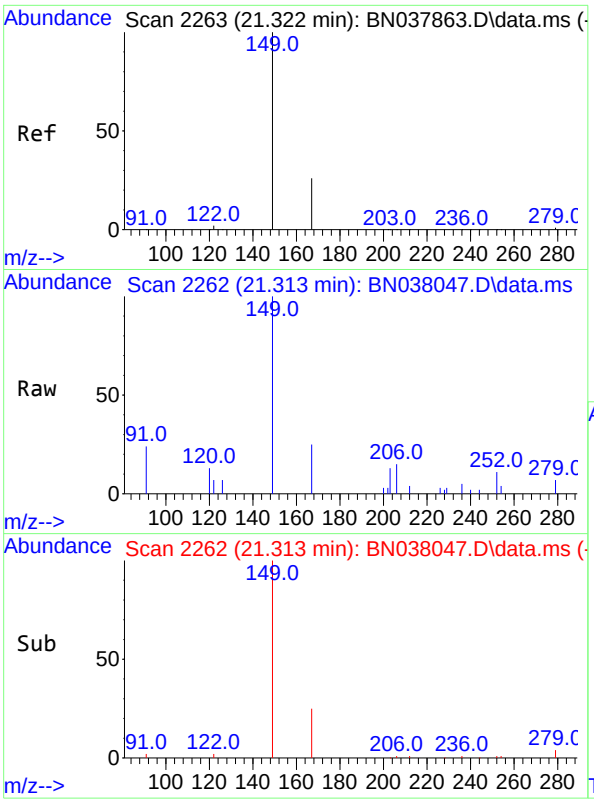


#33
Chrysene
Concen: 0.023 ng
RT: 21.429 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:228 Resp: 1196

Ion	Ratio	Lower	Upper
228	100		
226	36.0	24.6	37.0
229	27.4	15.6	23.4#



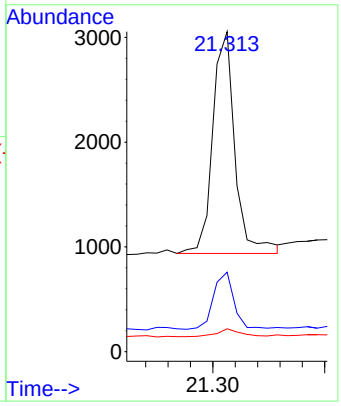


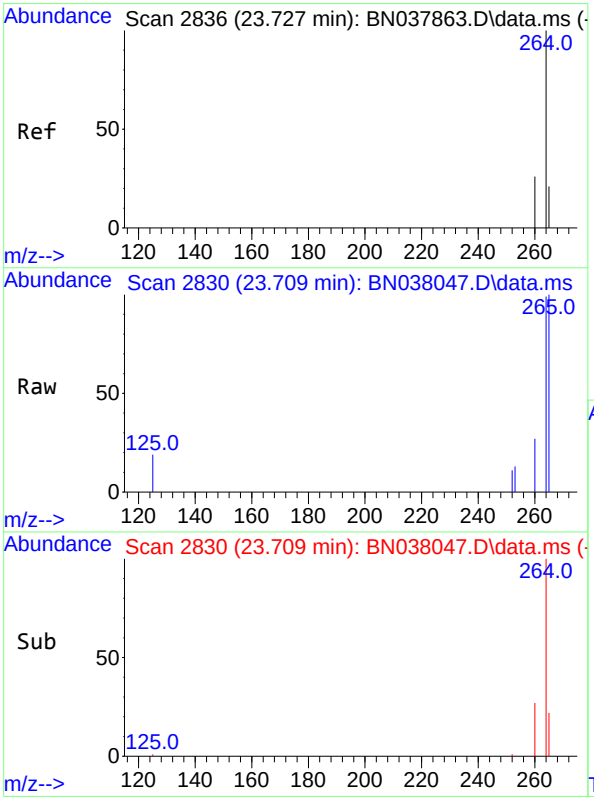
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.313 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:149 Resp: 2923

Ion	Ratio	Lower	Upper
149	100		
167	23.7	20.4	30.6
279	3.8	2.4	3.6#

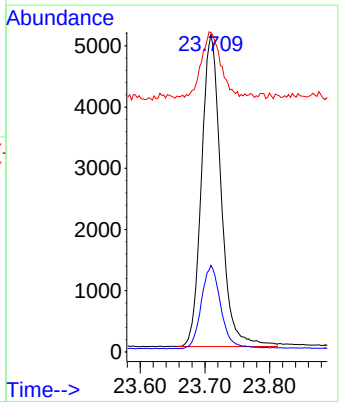


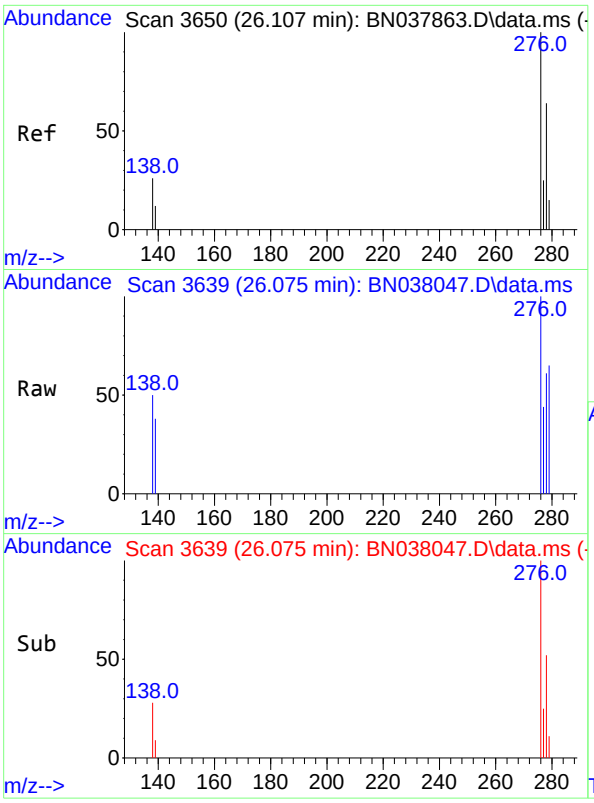


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 2830
Delta R.T. -0.018 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:264 Resp: 10696

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.5	32.3
265	100.8	53.8	80.6#



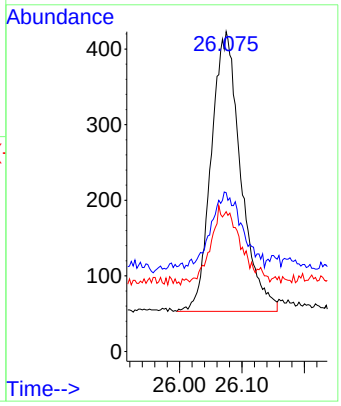


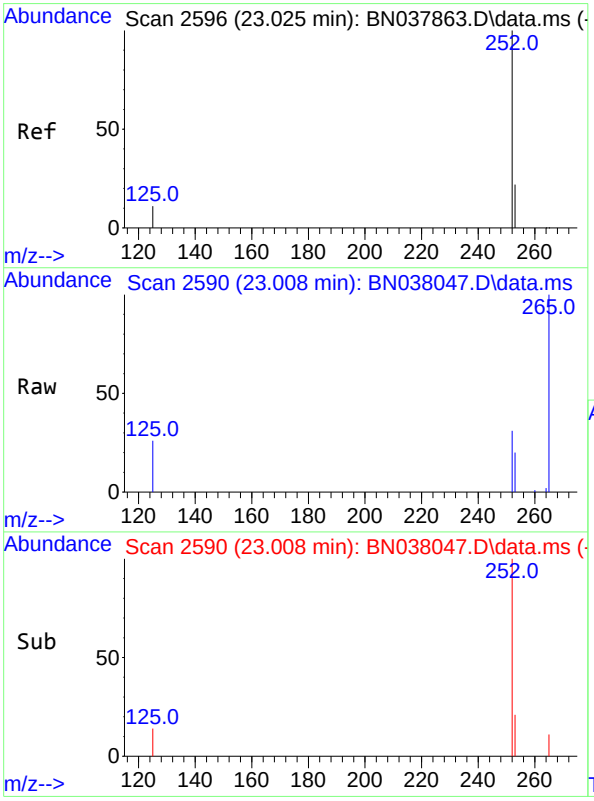
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng
RT: 26.075 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:276 Resp: 1214

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.4	32.0
277	10.7	20.3	30.5#

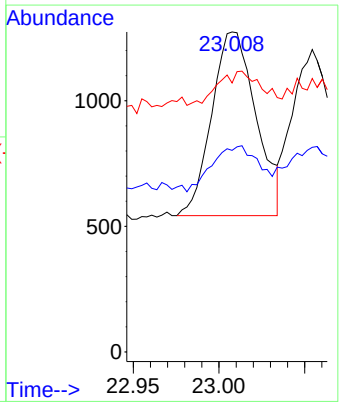


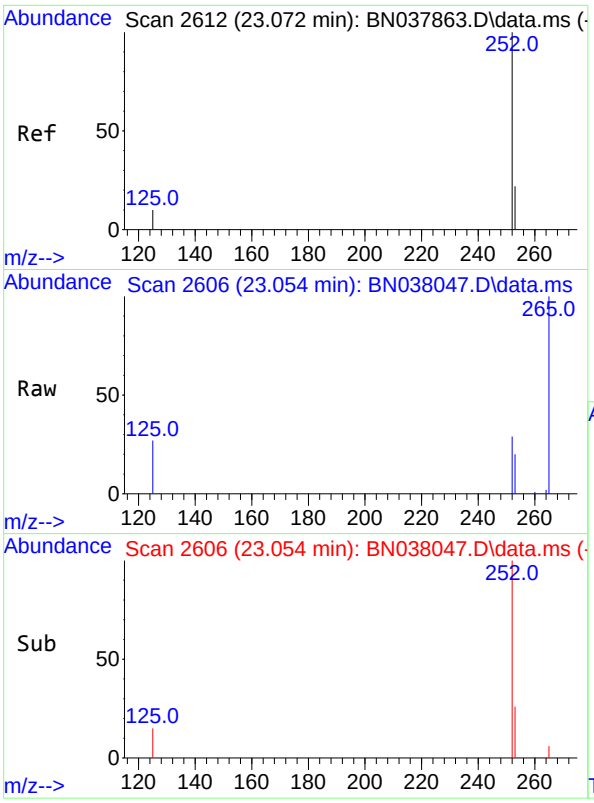


#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 23.008 min Scan# 2590
Delta R.T. -0.018 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:252 Resp: 1317

Ion	Ratio	Lower	Upper
252	100		
253	63.0	19.4	29.0#
125	84.1	13.0	19.4#



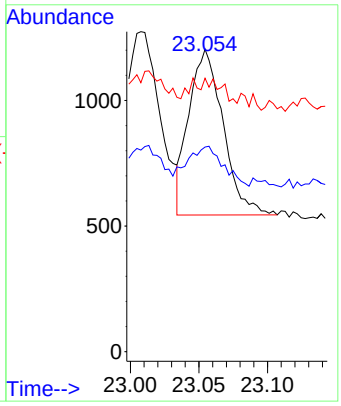


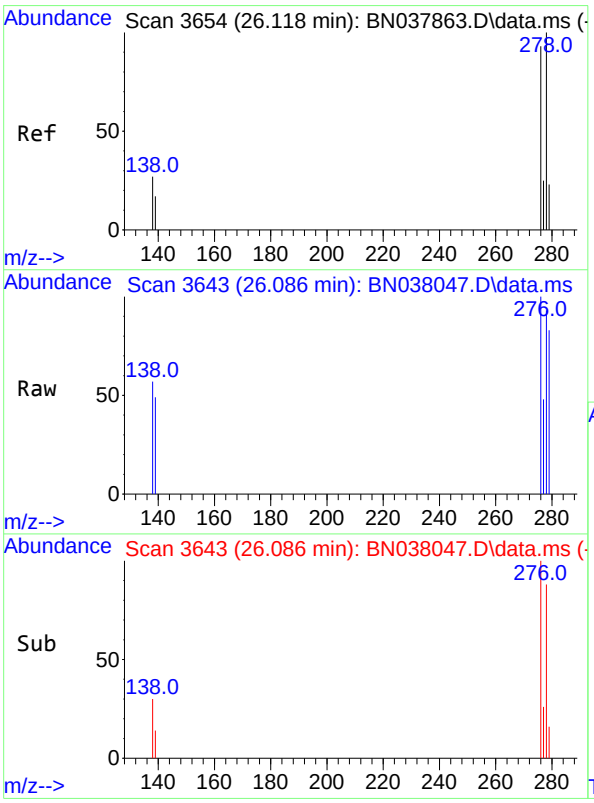
#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.054 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:252 Resp: 1145

Ion	Ratio	Lower	Upper
252	100		
253	67.7	19.5	29.3#
125	90.4	13.0	19.4#

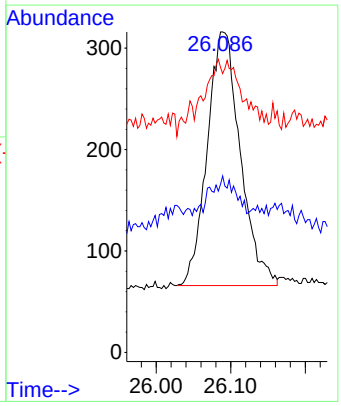


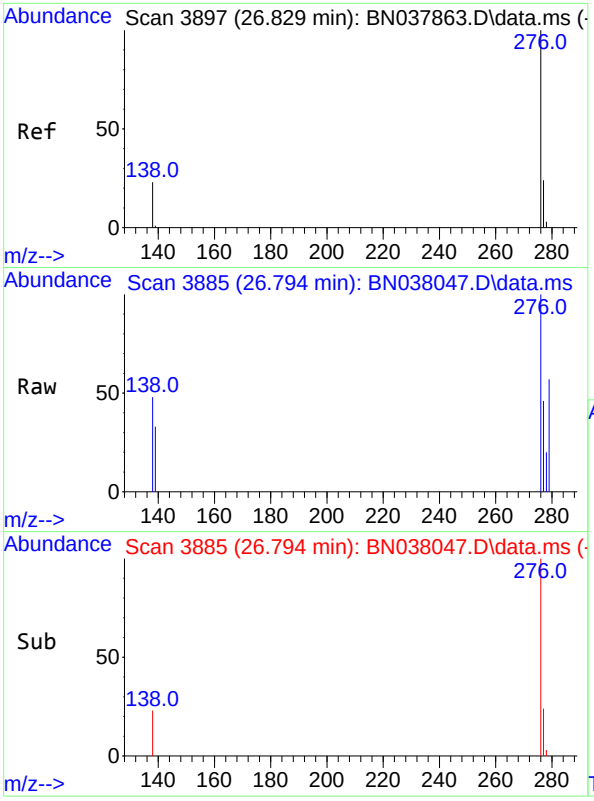


#40
Dibenzo(a,h)anthracene
Concen: 0.020 ng
RT: 26.086 min Scan# 3643
Delta R.T. -0.032 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:278 Resp: 774

Ion	Ratio	Lower	Upper
278	100		
139	52.5	15.4	23.2#
279	88.9	20.8	31.2#





#41
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 26.794 min Scan# 3
Delta R.T. -0.035 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:276 Resp: 1042

Ion	Ratio	Lower	Upper
276	100		
277	45.7	20.2	30.4#
138	48.0	19.8	29.8#