Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038005.D
Acq On : 06 Oct 2025 11:55
Operator : RC/JU
Sample : PB169903BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Quant Time: Oct 06 12:22:00 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	7.818	152	8521	0.400	ng	0.00
7) Naphthalene-d8	10.615	136	21401	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	9560	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	16256	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	8725	0.400	ng	# 0.00
35) Perylene-d12	23.718	264	8166	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	7115	0.366	ng	0.00
5) Phenol-d6	6.973	99	8565	0.335	ng	0.00
8) Nitrobenzene-d5	8.961	82	6206	0.380	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	9955	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	902	0.249	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15238	0.389	ng	0.00
27) Fluoranthene-d10	19.243	212	12032	0.294	ng	0.00
31) Terphenyl-d14	19.842	244	7537	0.434	ng	0.00
Target Compounds						Qvalue

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

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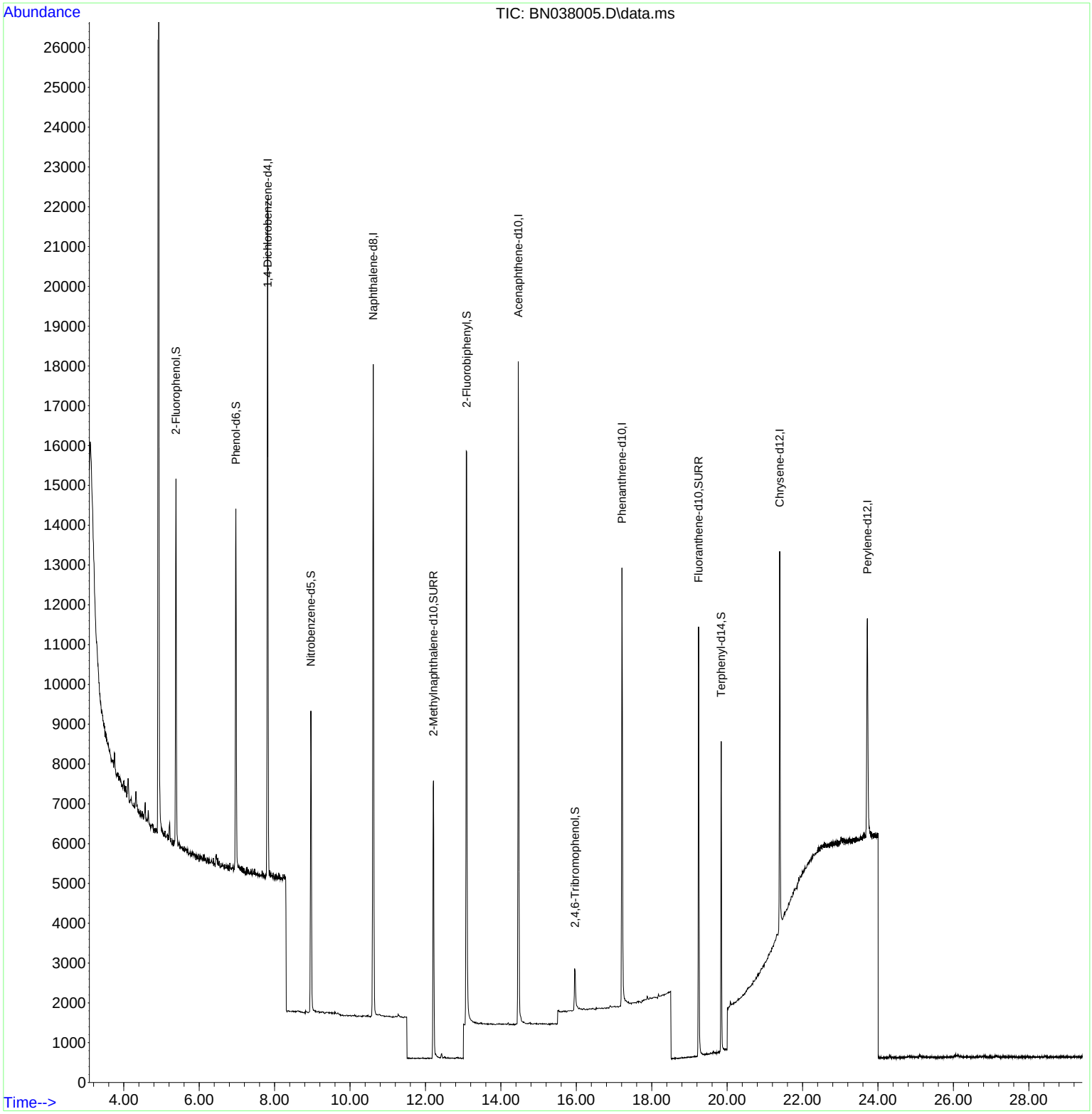
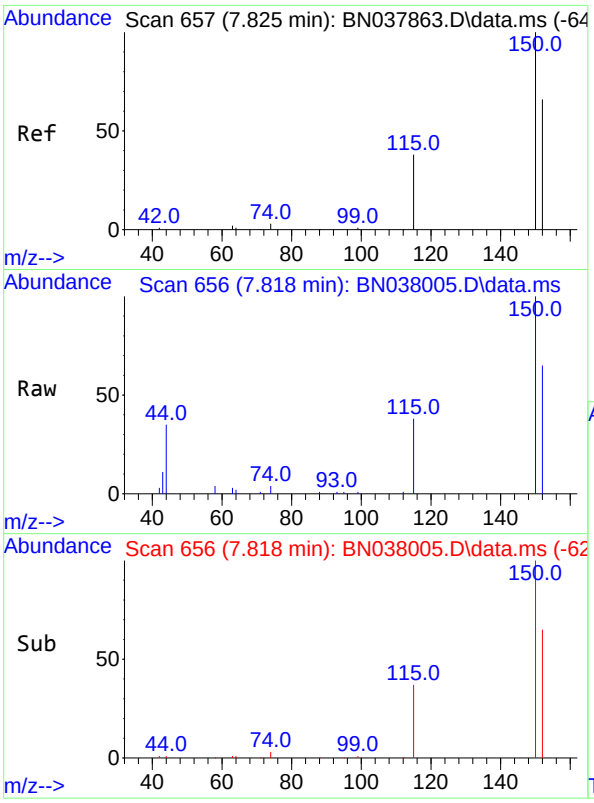


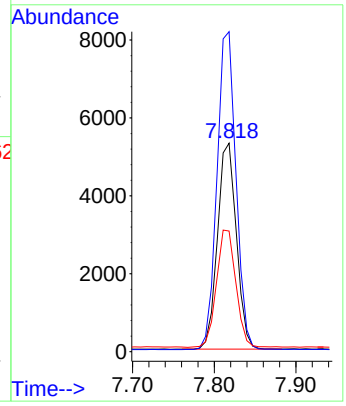


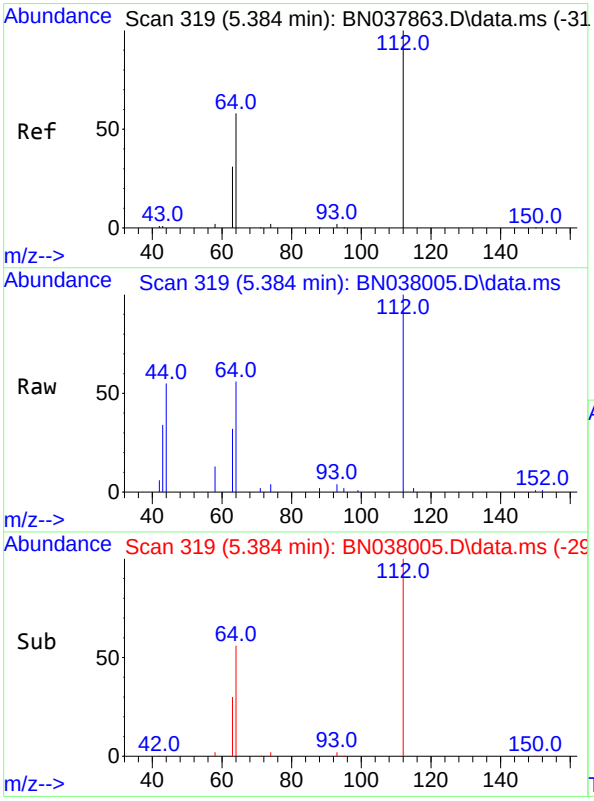
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion:152 Resp: 8521

Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.0	181.4
115	57.9	47.4	71.0

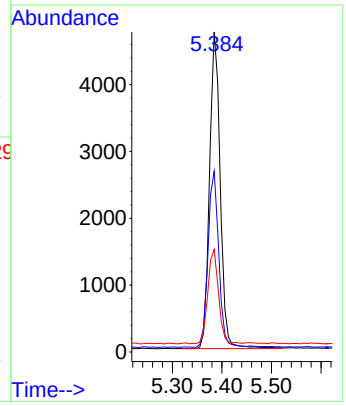


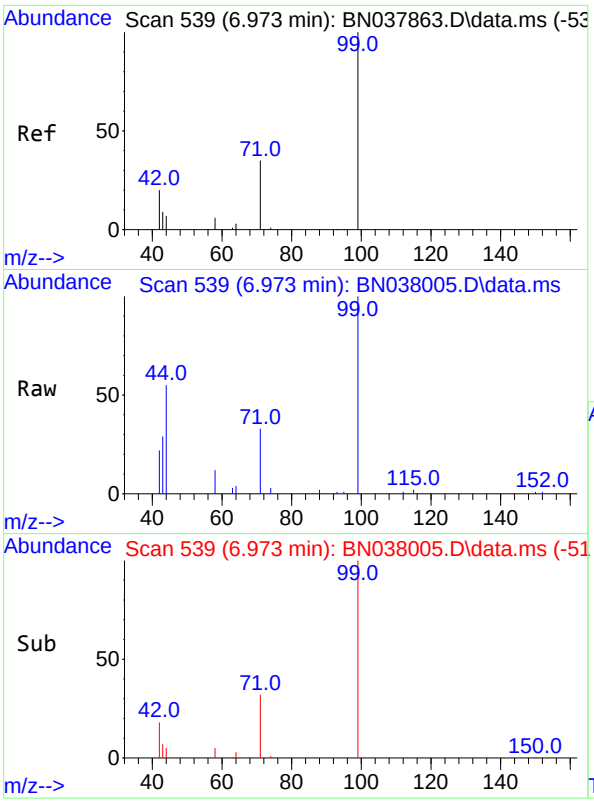


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:112 Resp: 7115

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.6	66.8
63	29.8	24.9	37.3



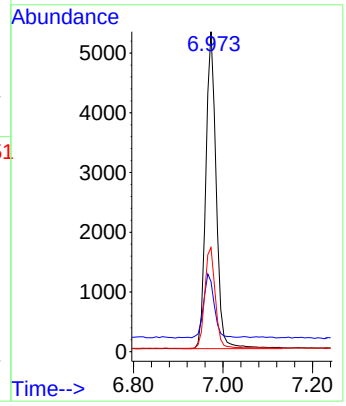


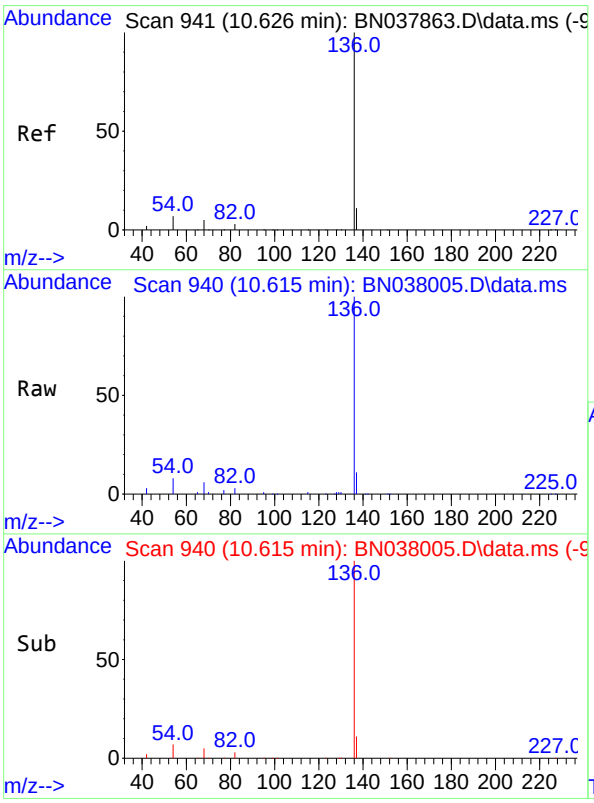
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.973 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion: 99 Resp: 8565

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.2	25.8
71	32.6	27.3	40.9

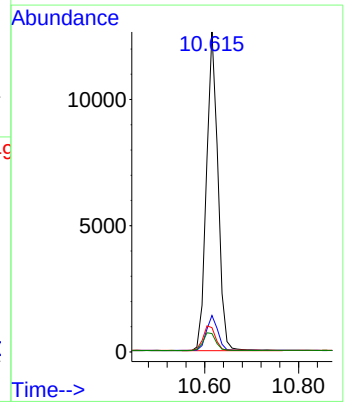


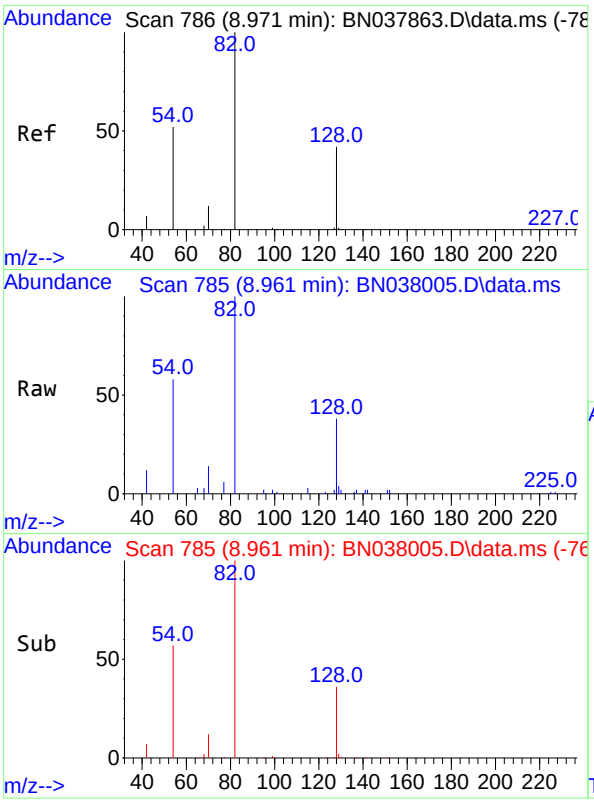


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:136 Resp: 21401

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.6	5.8	8.8
68	5.7	4.3	6.5



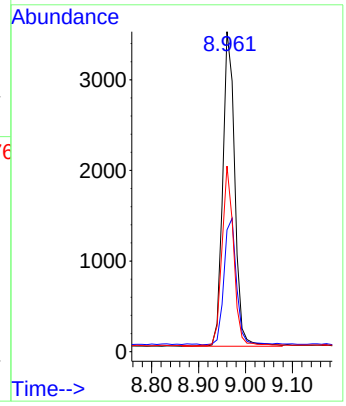


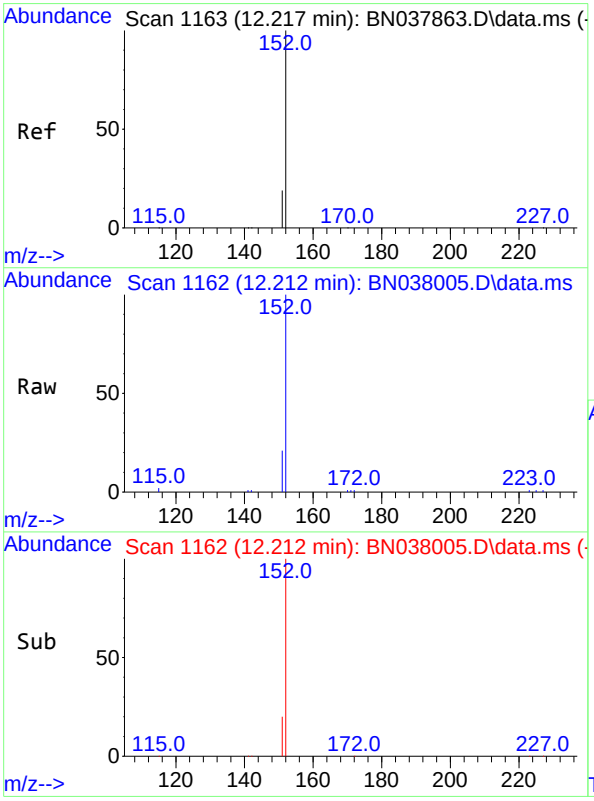
#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.961 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion: 82 Resp: 6206

Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.8	52.2
54	58.0	42.2	63.2

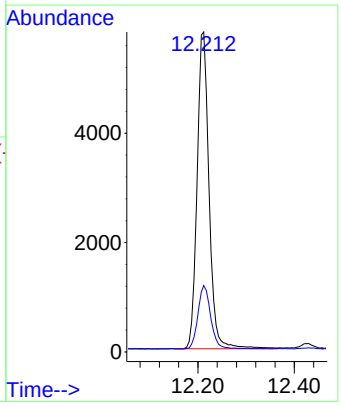


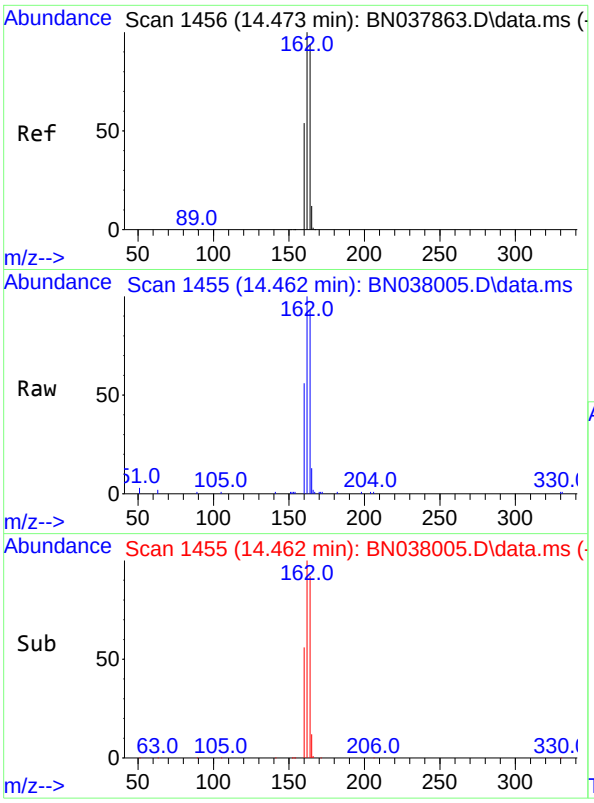


#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:152 Resp: 9955

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2



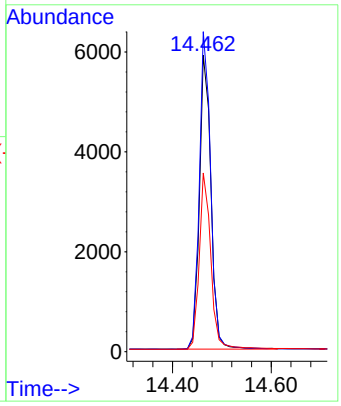


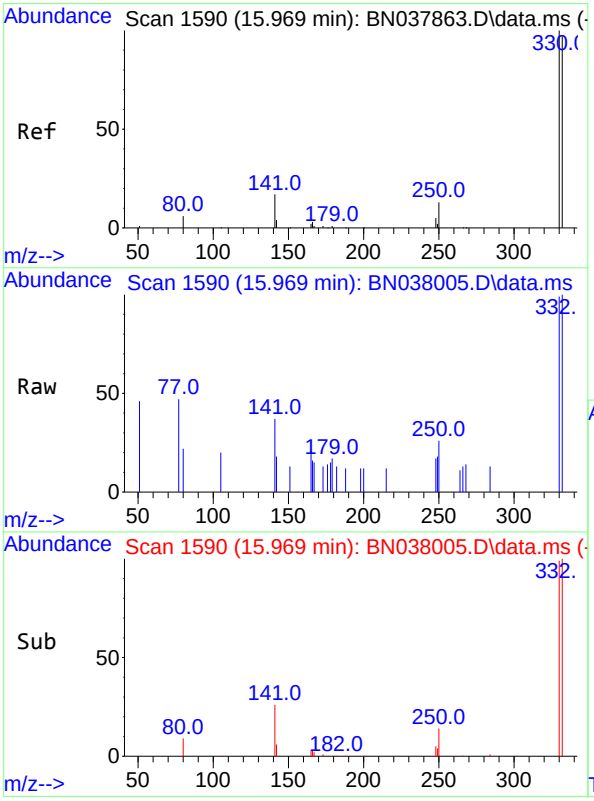
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion:164 Resp: 9560

Ion	Ratio	Lower	Upper
164	100		
162	108.0	84.8	127.2
160	60.3	46.1	69.1

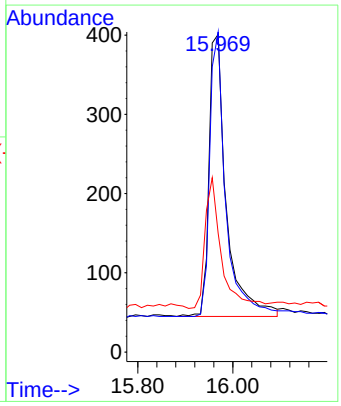


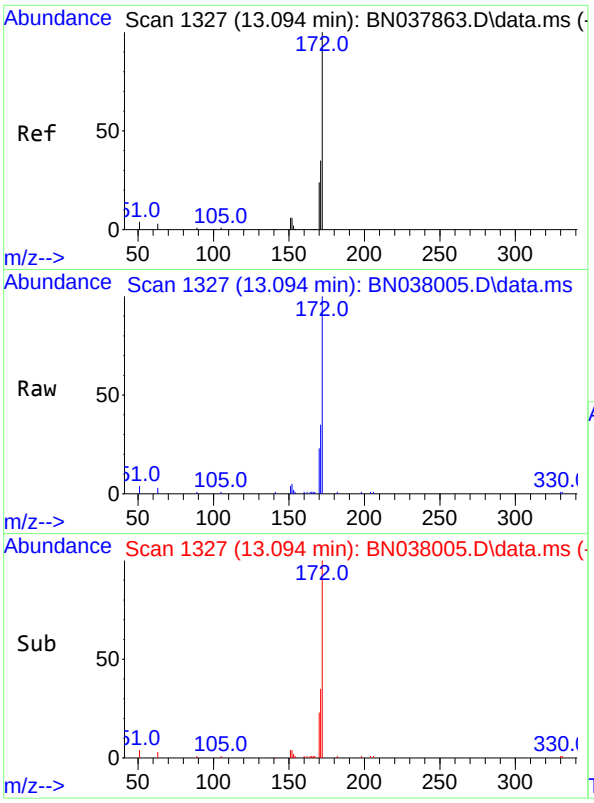


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:330 Resp: 902

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.2	115.8
141	43.9	37.2	55.8



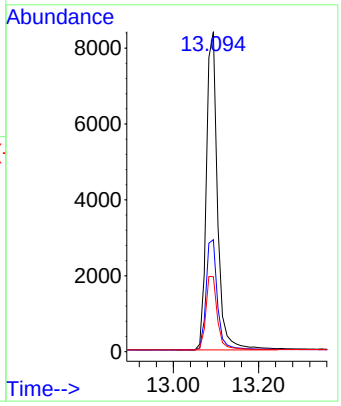


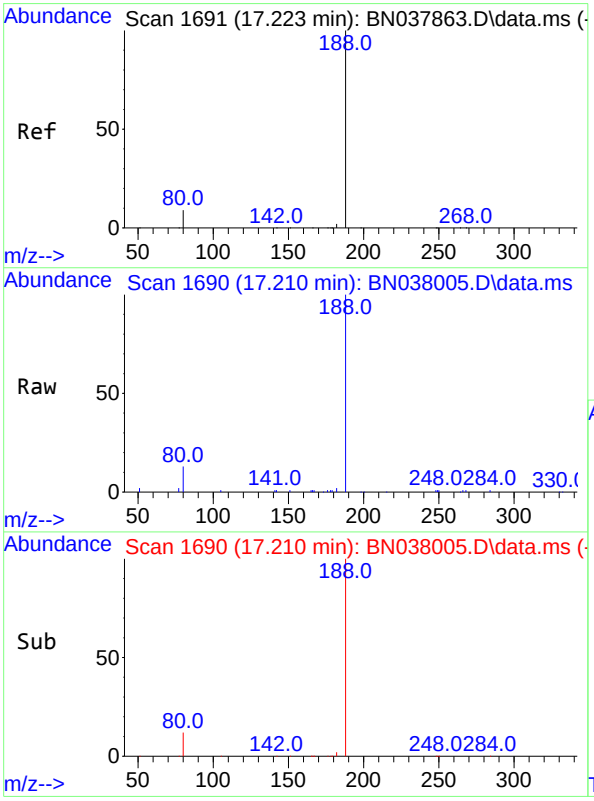
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.094 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion:172 Resp: 15238

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.4	19.7	29.5

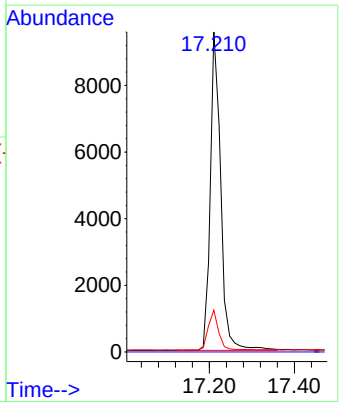


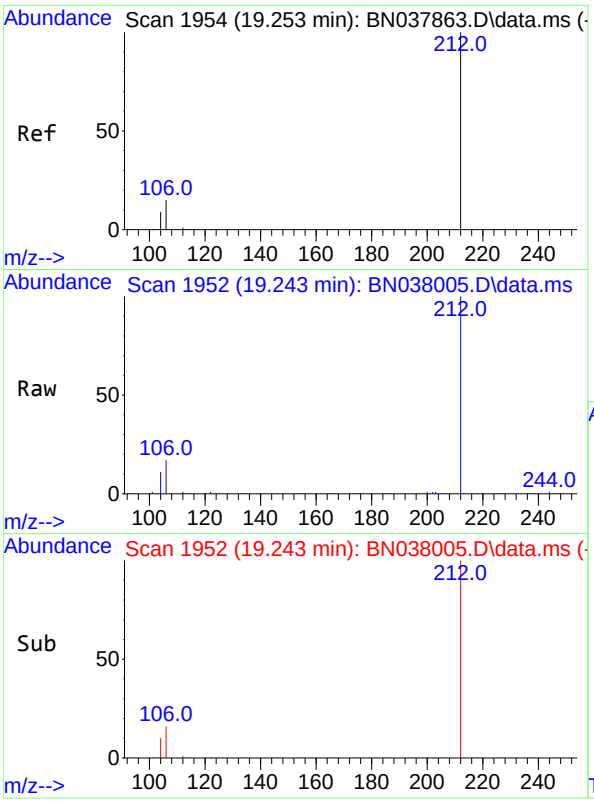


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:188 Resp: 16256

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	7.6	11.4#



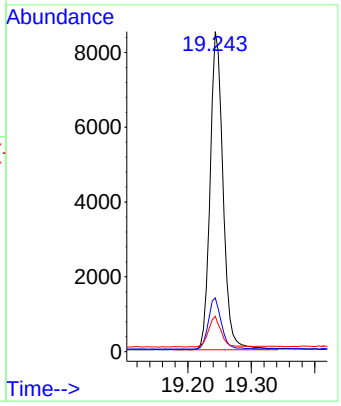


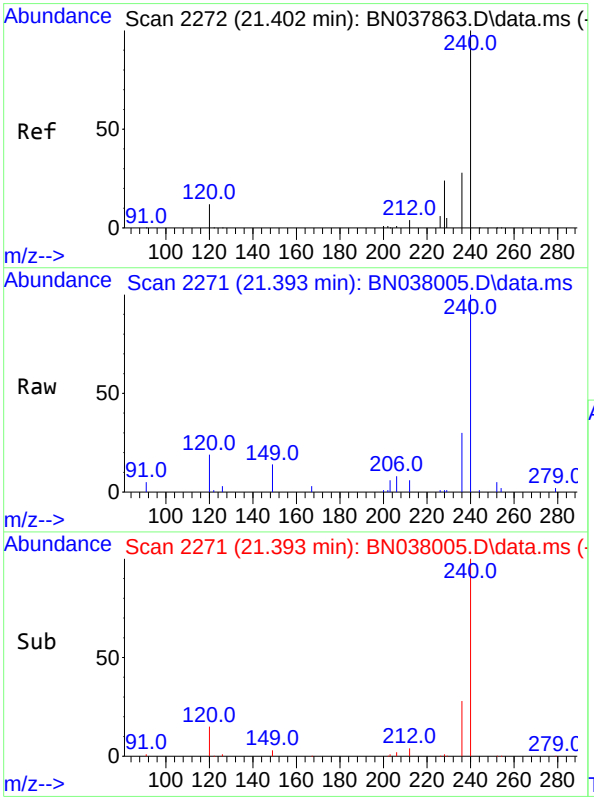
#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.243 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion:212 Resp: 12032

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	19.0
104	9.5	7.4	11.0

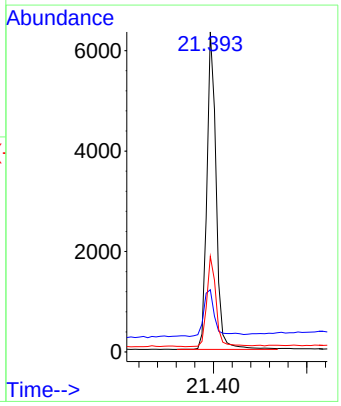


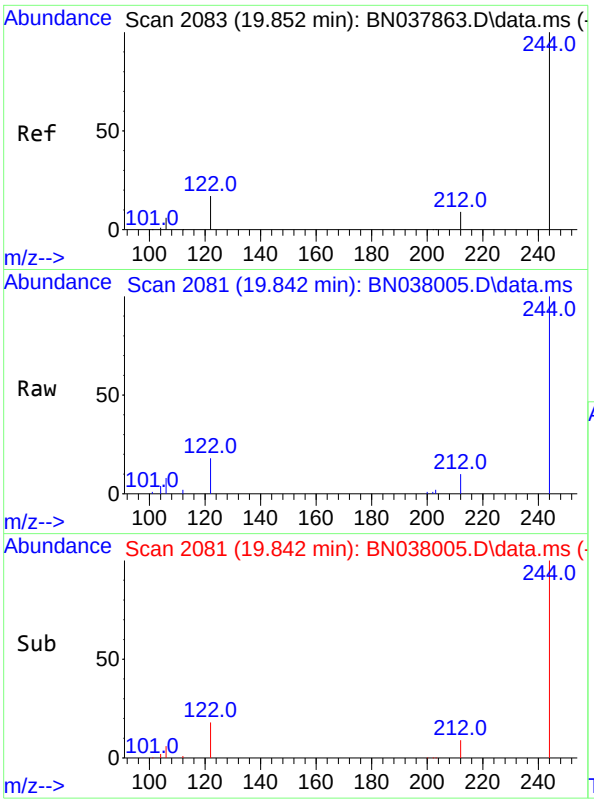


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:240 Resp: 8725

Ion	Ratio	Lower	Upper
240	100		
120	19.5	11.4	17.2#
236	29.8	23.0	34.6



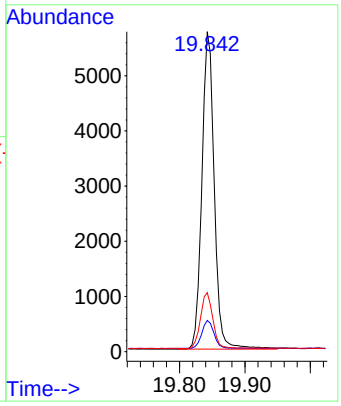


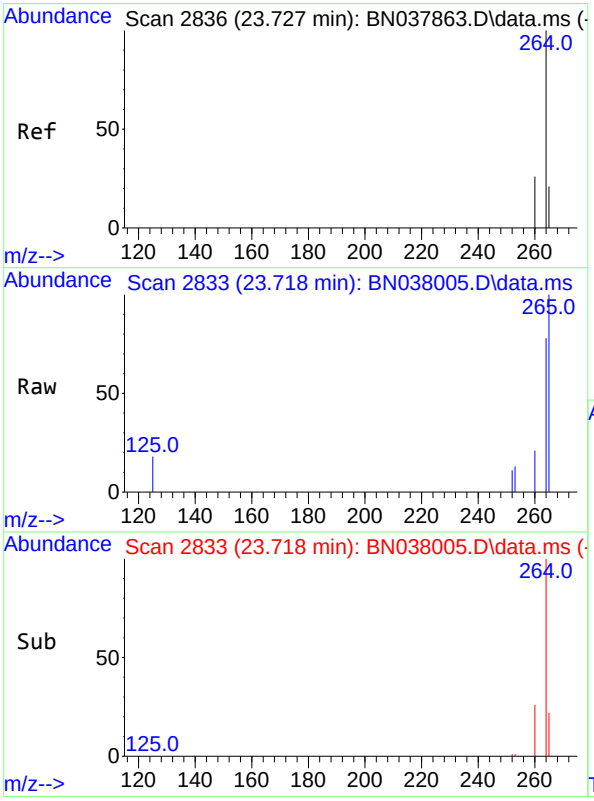
#31
Terphenyl-d14
Concen: 0.434 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion:244 Resp: 7537

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.6	11.4
122	18.5	13.9	20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.718 min Scan# 2833
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:264 Resp: 8166

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.5	32.3
265	128.8	53.8	80.6#