Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037361.D
Acq On : 20 Jun 2025 22:16
Operator : RC/JU
Sample : PB168563BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Quant Time: Jun 20 23:51:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1968	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	4045	0.400	ng	0.01
13) Acenaphthene-d10	14.224	164	2736	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	4864	0.400	ng	0.01
29) Chrysene-d12	21.171	240	4288	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	3457	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1419	0.361	ng	0.00
5) Phenol-d6	6.759	99	1185	0.293	ng	0.00
8) Nitrobenzene-d5	8.739	82	978	0.299	ng	0.02
11) 2-Methylnaphthalene-d10	11.960	152	2116	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.742	330	469	0.292	ng	0.02
15) 2-Fluorobiphenyl	12.853	172	3920	0.326	ng	0.02
27) Fluoranthene-d10	19.012	212	5207	0.373	ng	0.00
31) Terphenyl-d14	19.621	244	3648	0.373	ng	0.00
Target Compounds						Qvalue

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

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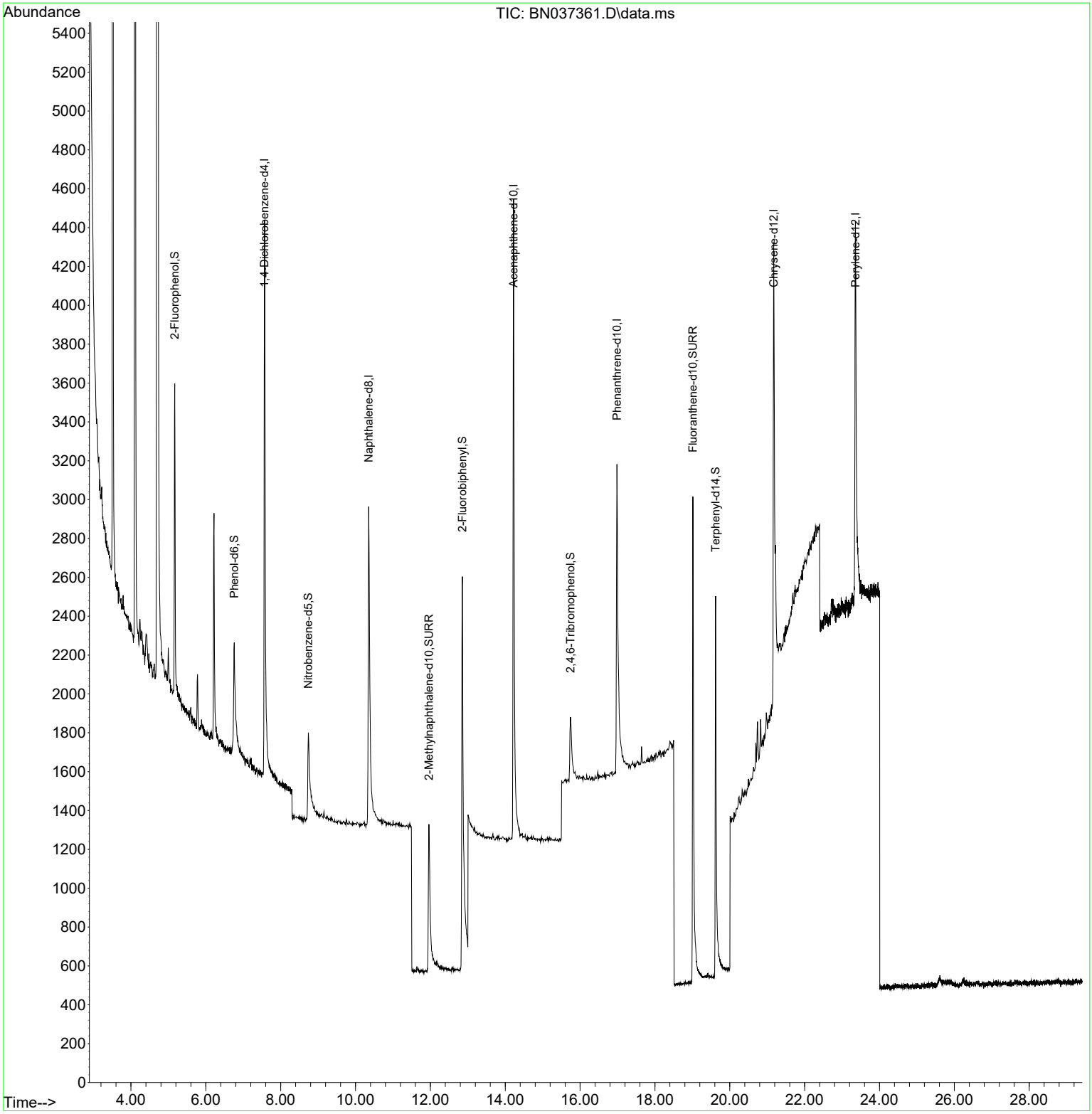
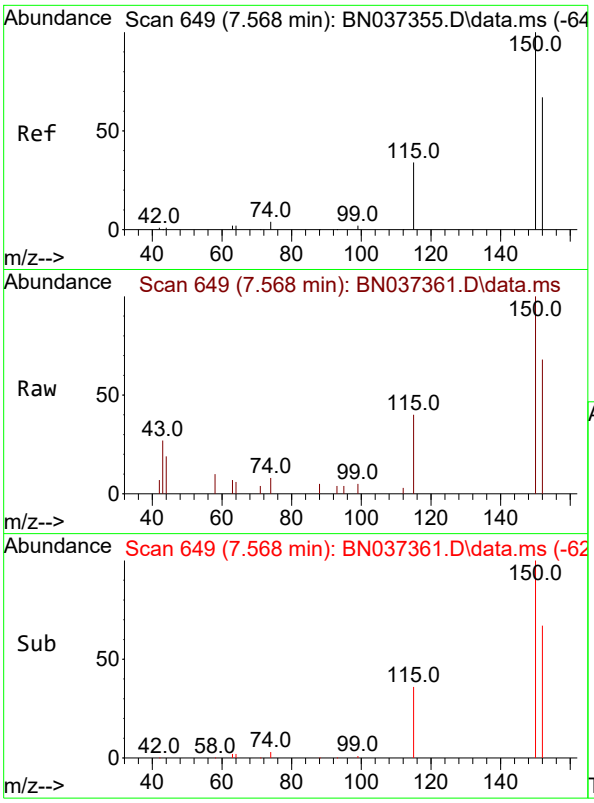


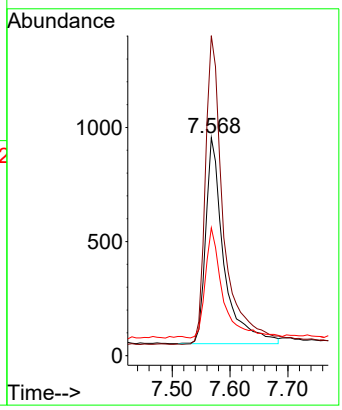


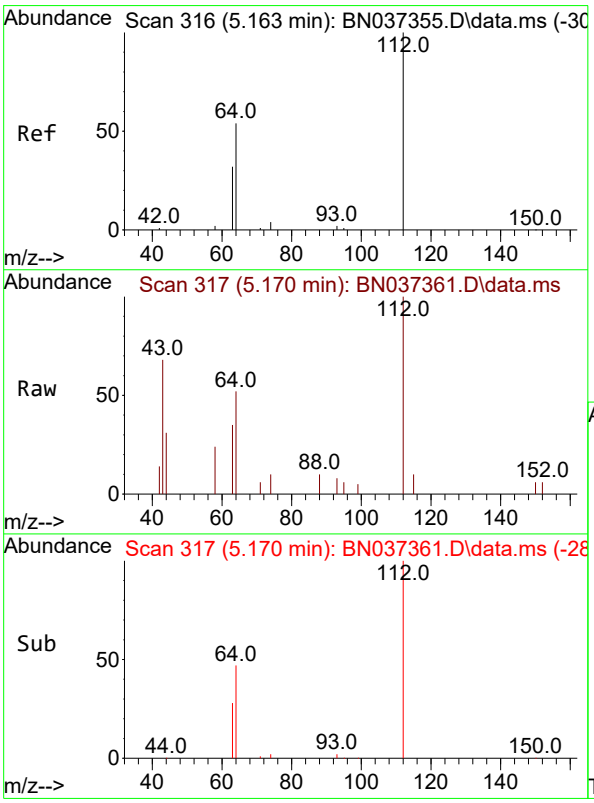
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:152 Resp: 1968

Ion	Ratio	Lower	Upper
152	100		
150	146.8	112.7	169.1
115	58.6	45.9	68.9

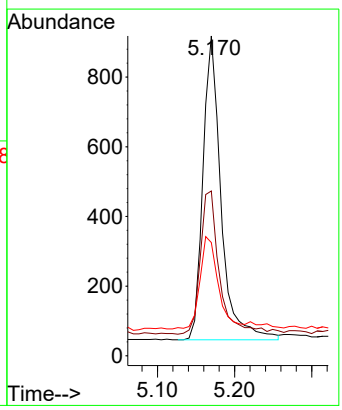


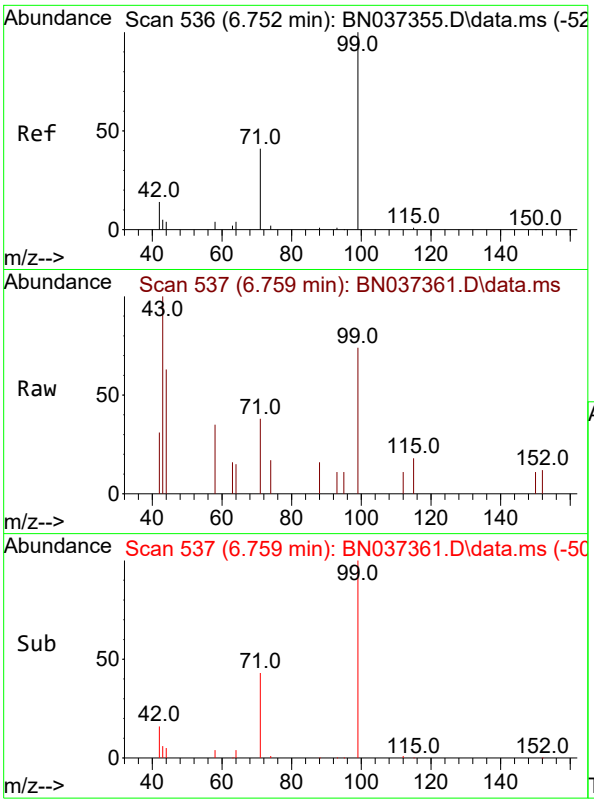


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:112 Resp: 1419

Ion	Ratio	Lower	Upper
112	100		
64	50.4	38.7	58.1
63	30.7	26.4	39.6



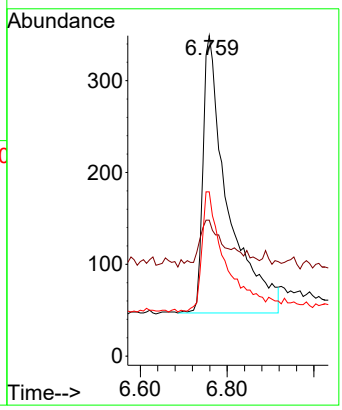


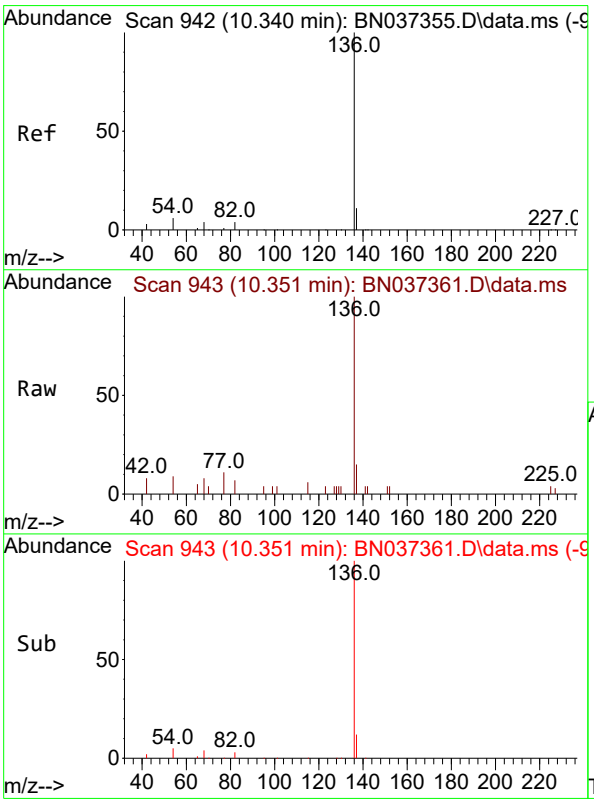
#5
Phenol-d6
Concen: 0.293 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 99 Resp: 1185

Ion	Ratio	Lower	Upper
99	100		
42	19.7	19.8	29.8#
71	40.8	42.6	64.0#

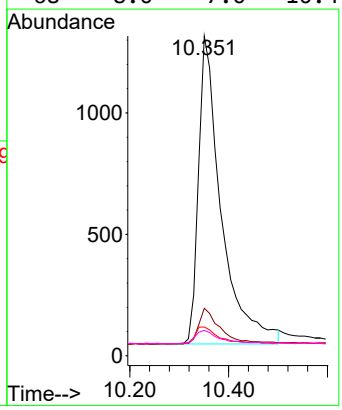


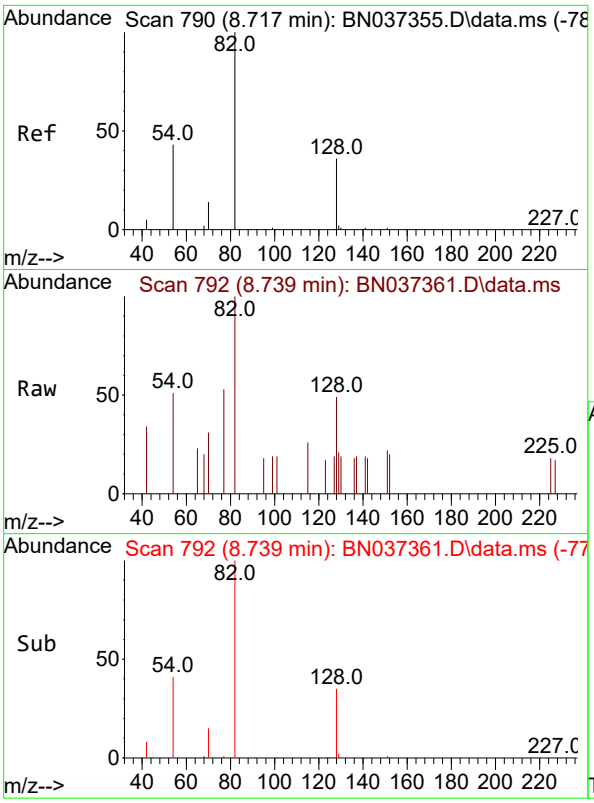


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.010 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:136 Resp: 4045

Ion	Ratio	Lower	Upper
136	100		
137	14.9	12.2	18.2
54	9.0	8.8	13.2
68	8.0	7.0	10.4



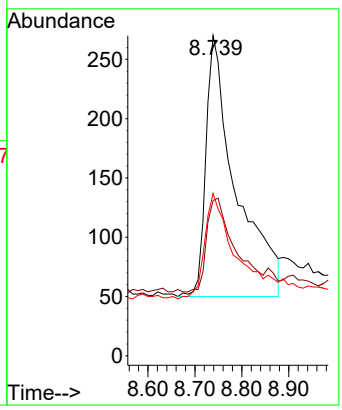


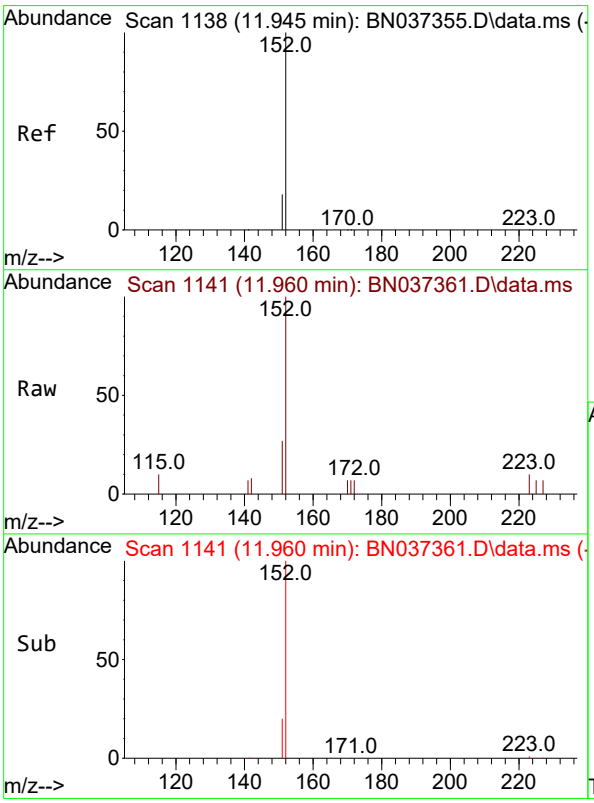
#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.739 min Scan# 7
Delta R.T. 0.021 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 82 Resp: 978

Ion	Ratio	Lower	Upper
82	100		
128	48.5	42.5	63.7
54	50.7	43.2	64.8

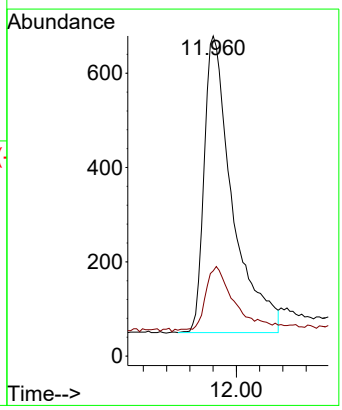


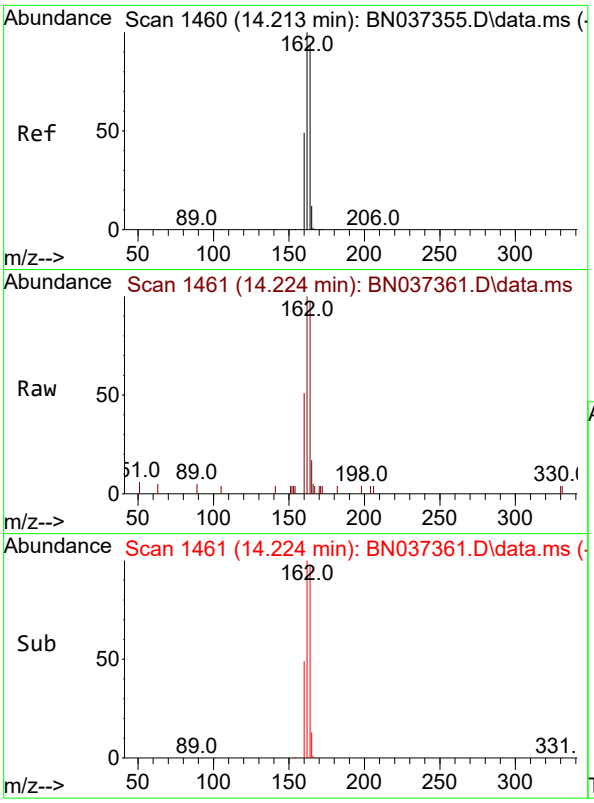


#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.960 min Scan# 1141
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:152 Resp: 2116

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.4	26.0



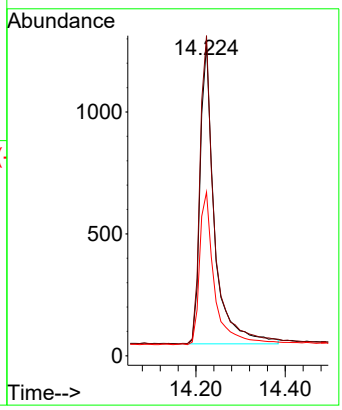


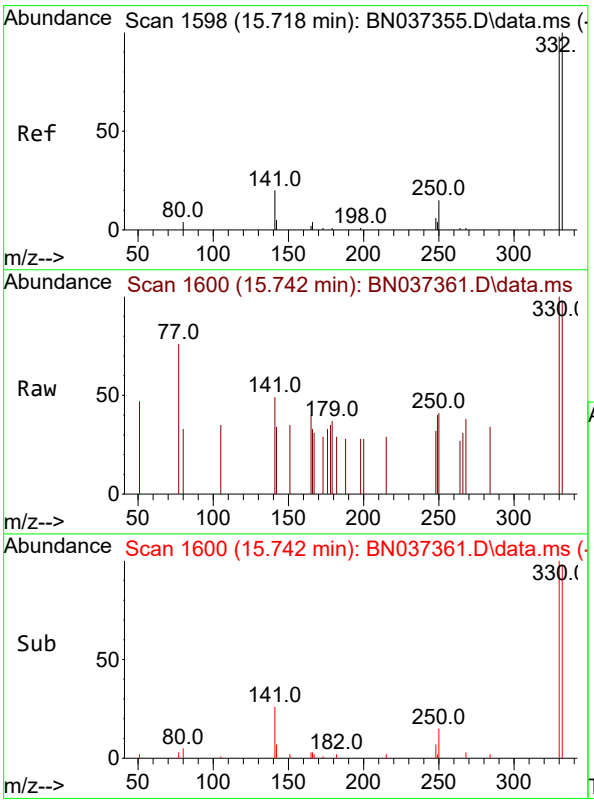
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:164 Resp: 2736

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.5	122.3
160	52.5	43.0	64.4

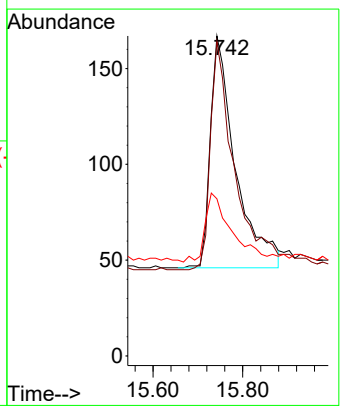


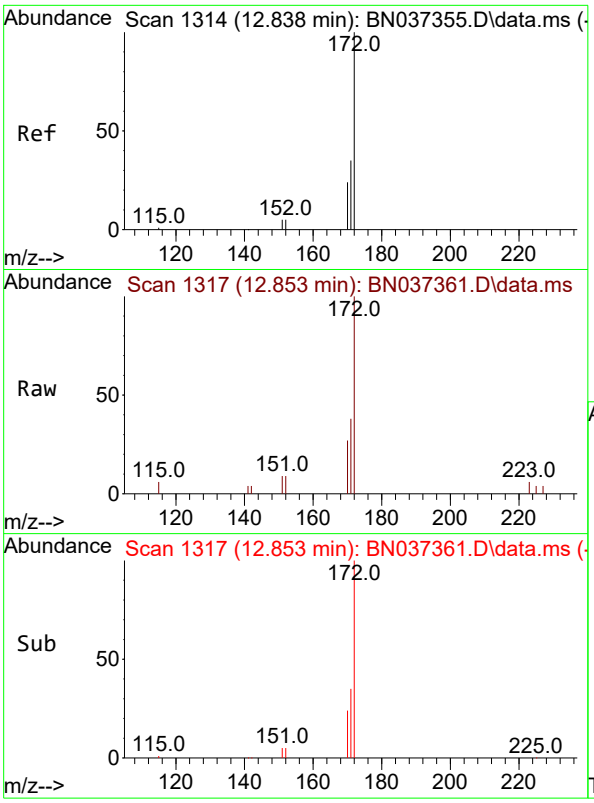


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.742 min Scan# 1600
Delta R.T. 0.025 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:330 Resp: 469

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	31.3	24.4	36.6



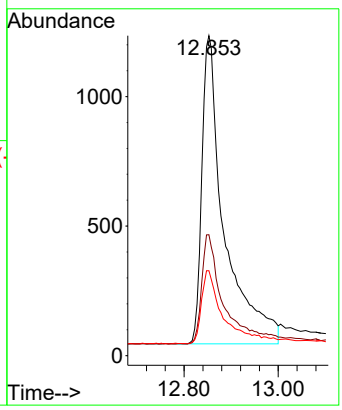


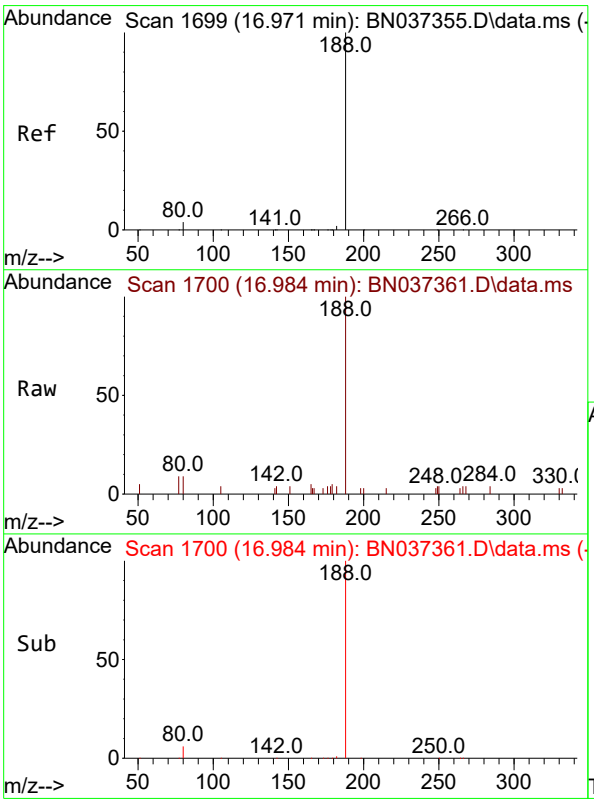
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.853 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:172 Resp: 3920

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	26.6	21.9	32.9

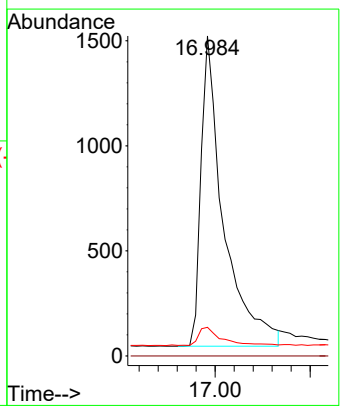


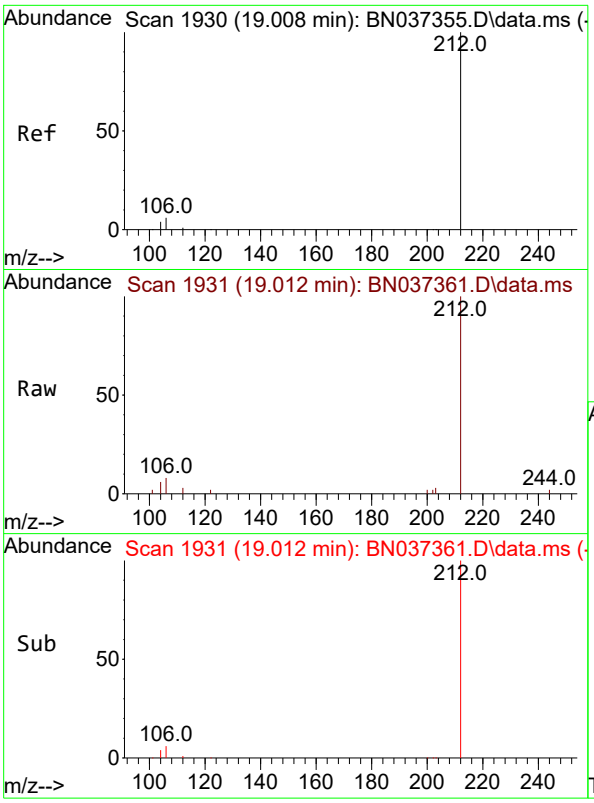


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:188 Resp: 4864

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.2	9.2



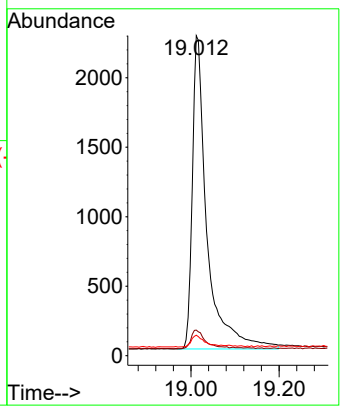


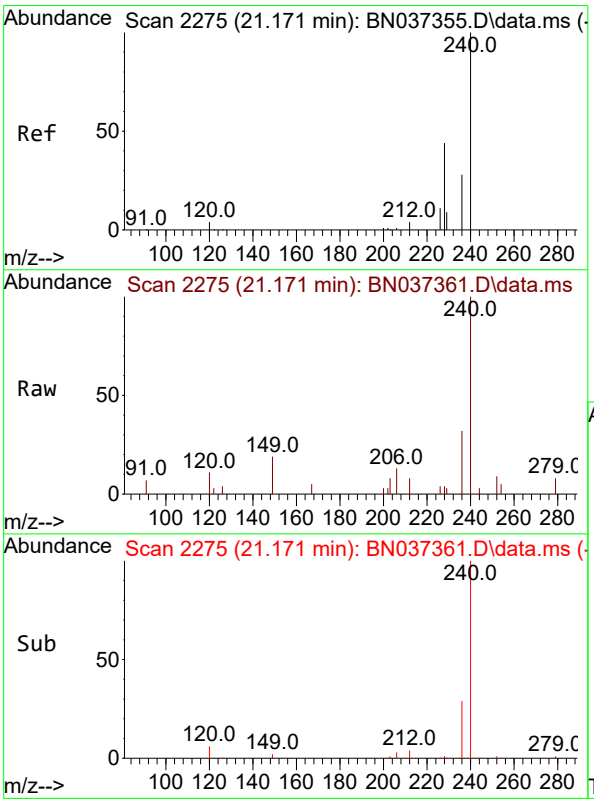
#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.012 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:212 Resp: 5207

Ion	Ratio	Lower	Upper
212	100		
106	5.8	3.0	4.4#
104	3.4	2.0	3.0#

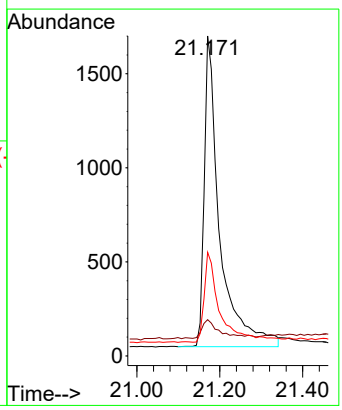


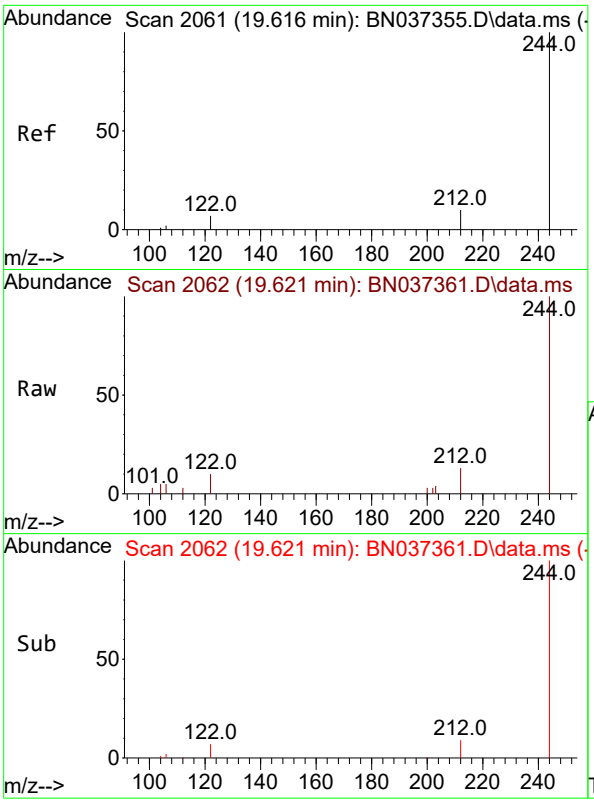


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:240 Resp: 4288

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.5	11.3#
236	32.4	24.9	37.3



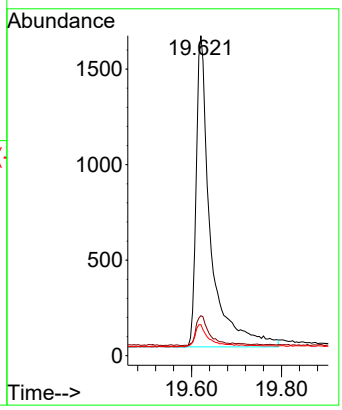


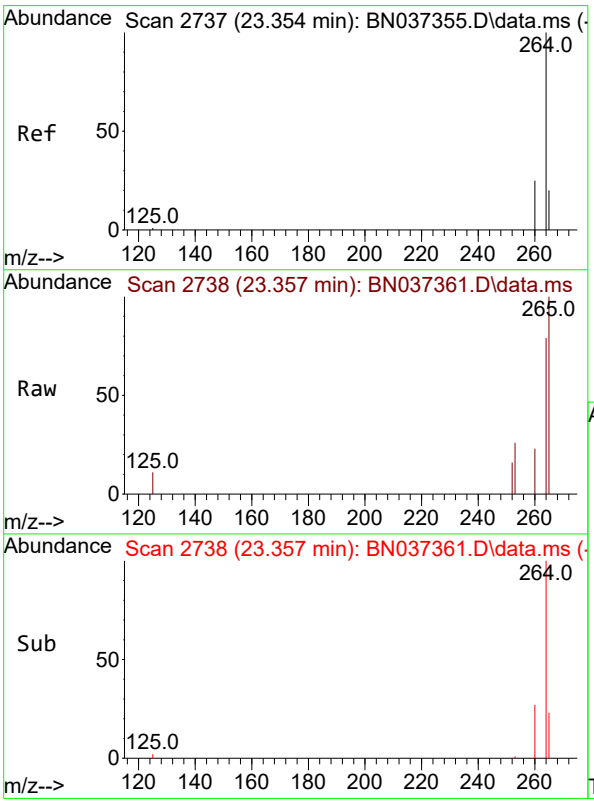
#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.621 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:244 Resp: 3648

Ion	Ratio	Lower	Upper
244	100		
212	12.5	11.1	16.7
122	9.7	7.2	10.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 2738
Delta R.T. 0.003 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:264 Resp: 3457

Ion	Ratio	Lower	Upper
264	100		
260	29.0	21.4	32.2
265	126.8	71.4	107.0#