Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036990.D
Acq On : 12 May 2025 19:44
Operator : RC/JU
Sample : PB167888BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Quant Time: May 13 04:53:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 18:05:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	1742	0.40	ng	0.00
7) Naphthalene-d8	10.404	136	4147	0.40	ng	# 0.00
13) Acenaphthene-d10	14.267	164	2162	0.40	ng	0.00
19) Phenanthrene-d10	17.021	188	4567	0.40	ng	# 0.01
29) Chrysene-d12	21.206	240	3963	0.40	ng	0.00
35) Perylene-d12	23.409	264	3827	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1663	0.37	ng	0.00
5) Phenol-d6	6.802	99	1833	0.34	ng	0.00
8) Nitrobenzene-d5	8.781	82	1467	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.006	152	1962	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	258	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	3718	0.37	ng	0.00
27) Fluoranthene-d10	19.054	212	4660	0.38	ng	0.00
31) Terphenyl-d14	19.658	244	3305	0.37	ng	0.00
Target Compounds						Qvalue

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

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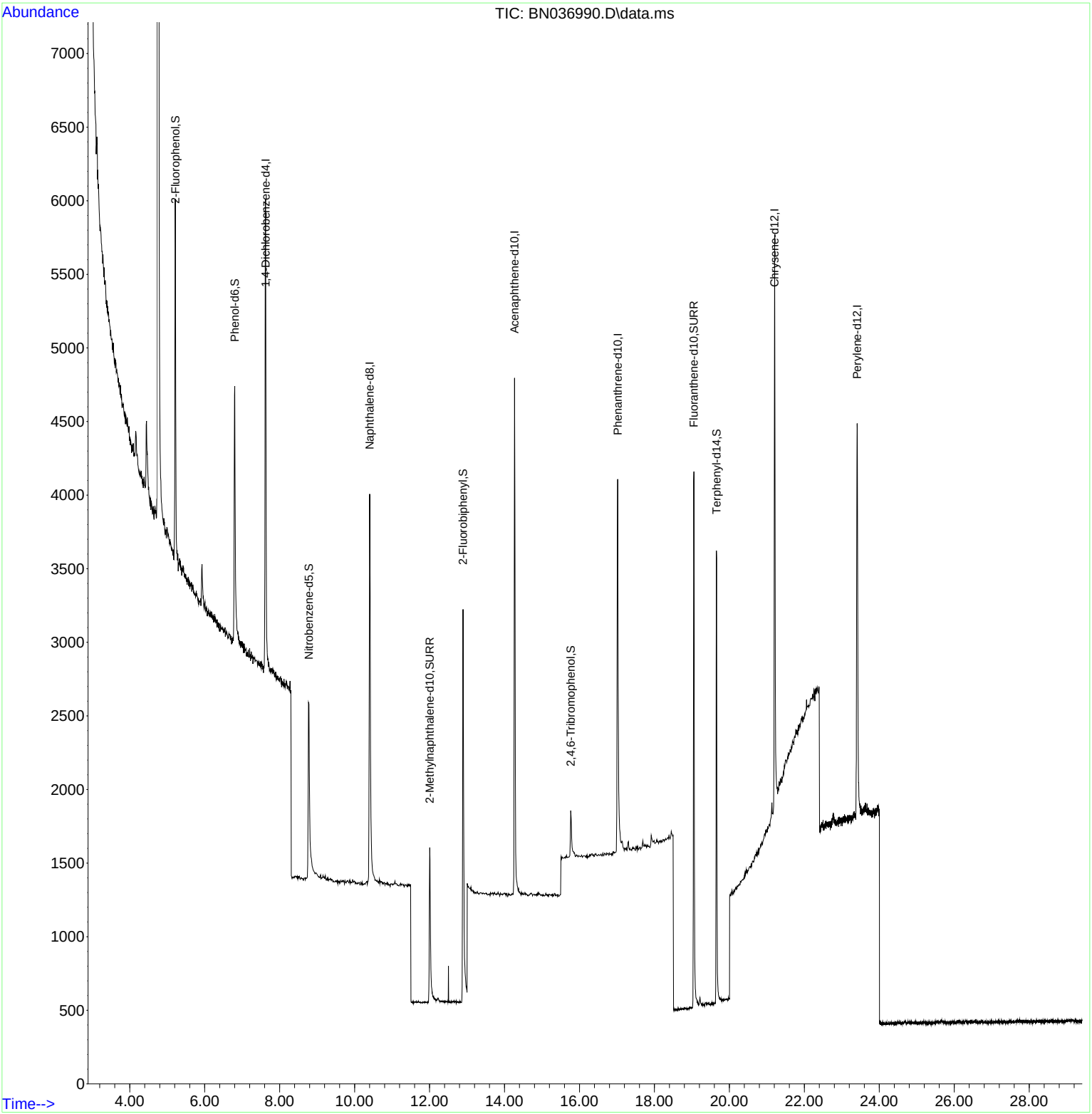
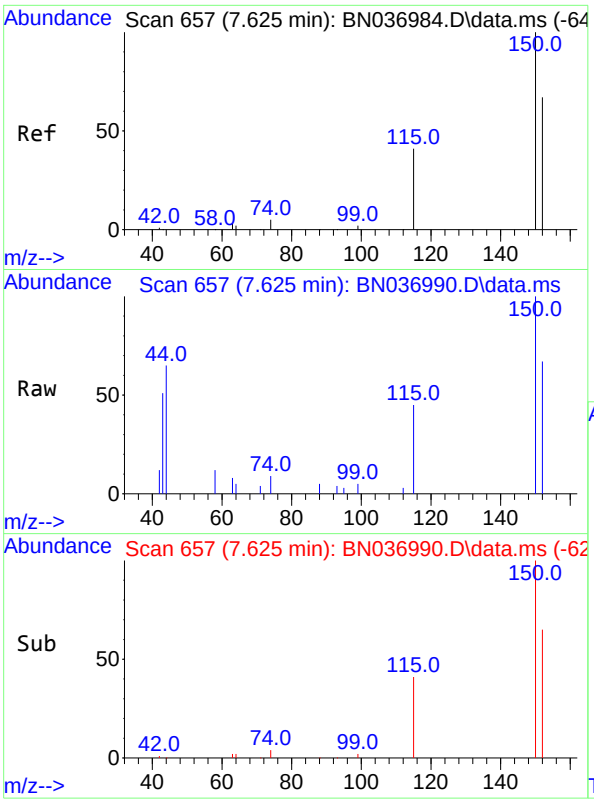


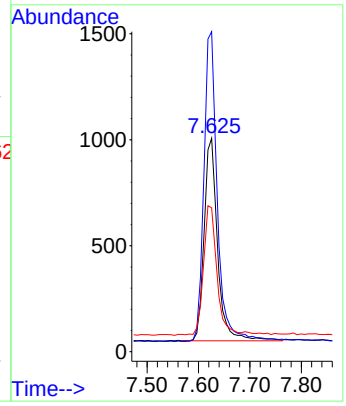


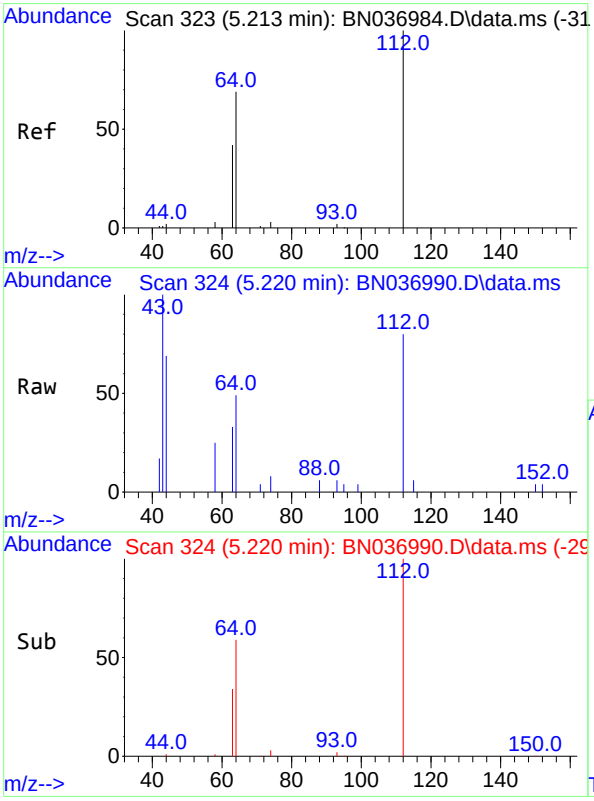
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.625 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Tgt Ion:152 Resp: 1742

Ion	Ratio	Lower	Upper
152	100		
150	150.0	118.2	177.4
115	67.4	52.5	78.7

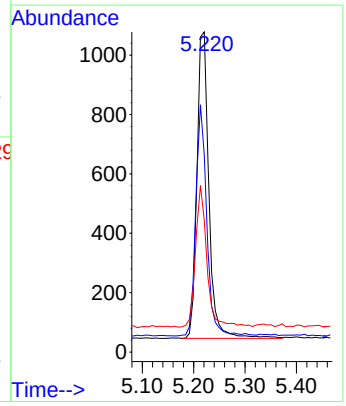


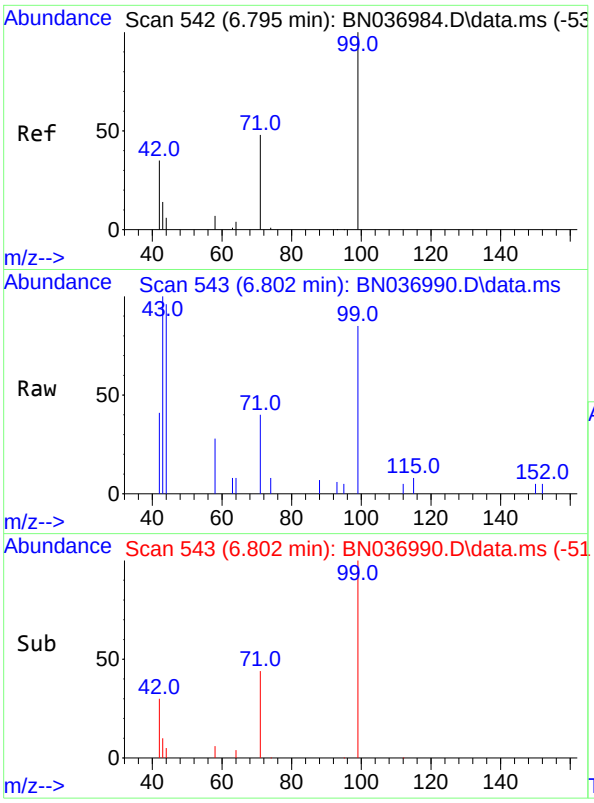


#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.220 min Scan# 324
Delta R.T. 0.007 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:112 Resp: 1663

Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.2	84.2
63	44.4	34.3	51.5



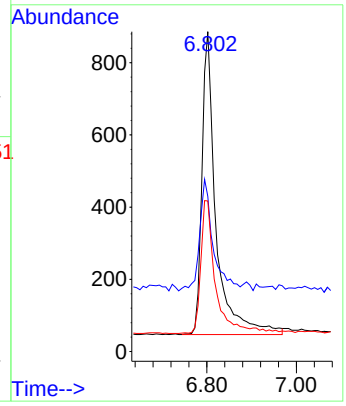


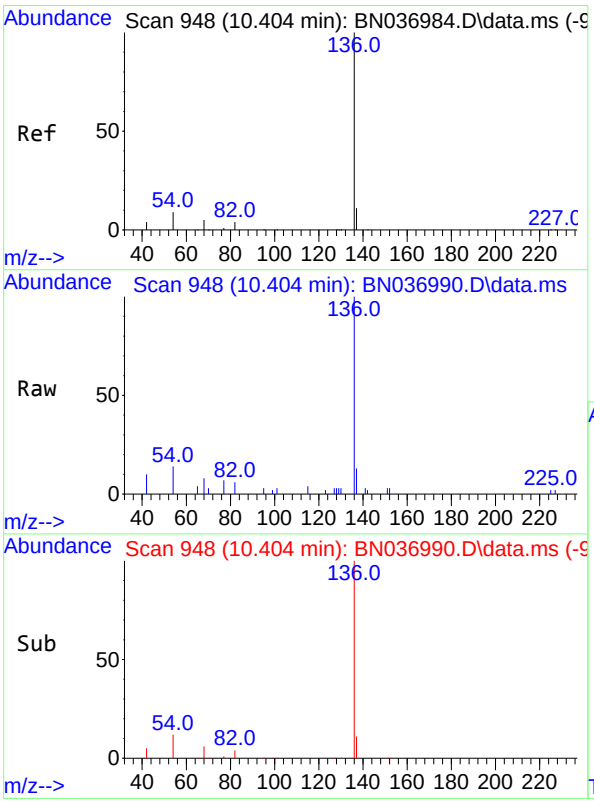
#5
Phenol-d6
Concen: 0.34 ng
RT: 6.802 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Tgt Ion: 99 Resp: 1833

Ion	Ratio	Lower	Upper
99	100		
42	35.6	29.0	43.6
71	46.2	36.2	54.2

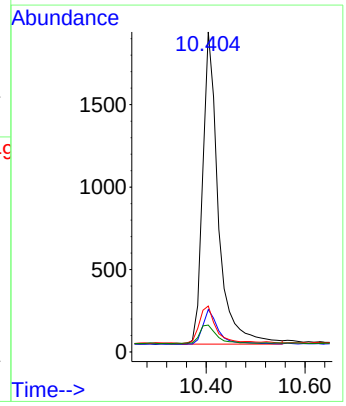


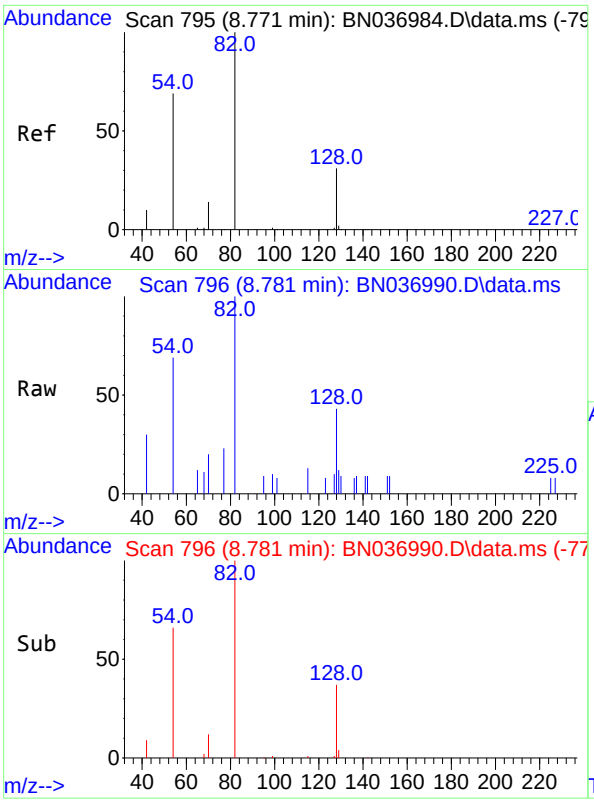


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:136 Resp: 4147

Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.3	15.5
54	14.4	9.2	13.8#
68	8.4	5.6	8.4



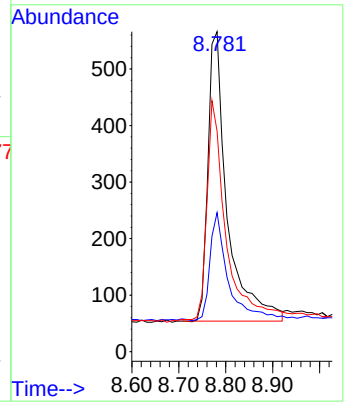


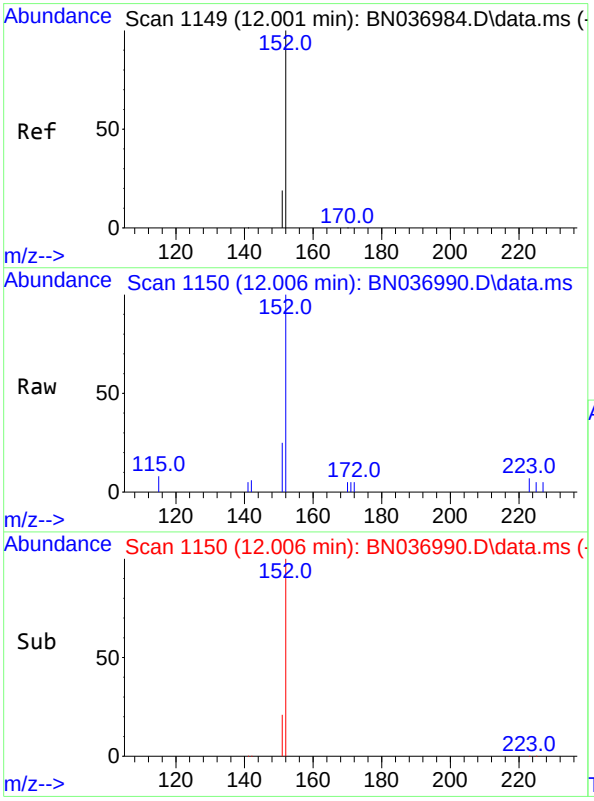
#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.781 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Tgt Ion: 82 Resp: 1467

Ion	Ratio	Lower	Upper
82	100		
128	43.5	28.1	42.1#
54	68.9	56.4	84.6

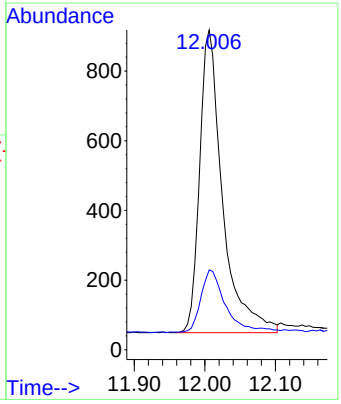


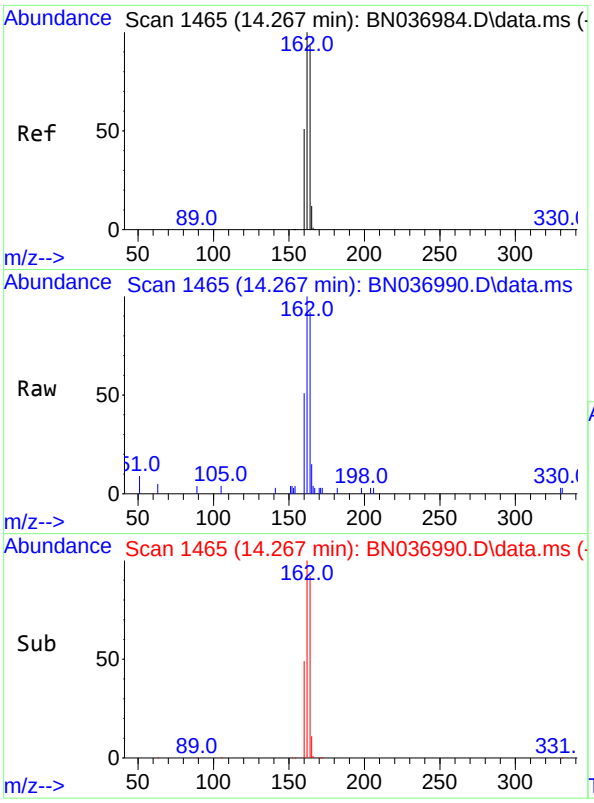


#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.006 min Scan# 1150
Delta R.T. 0.005 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:152 Resp: 1962

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.4	26.2



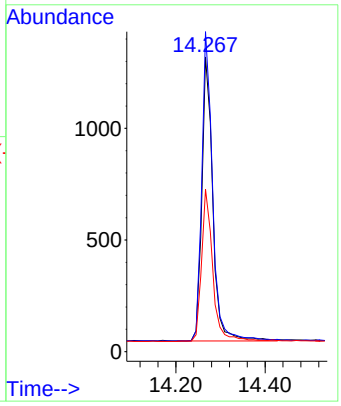


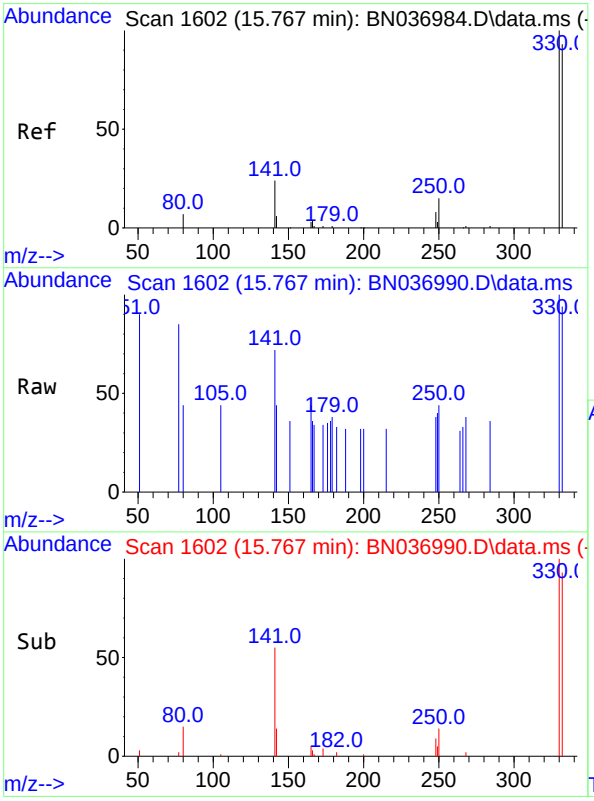
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.267 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Tgt Ion:164 Resp: 2162

Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.1	129.1
160	55.1	44.6	67.0

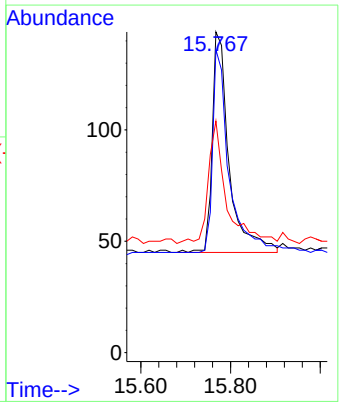


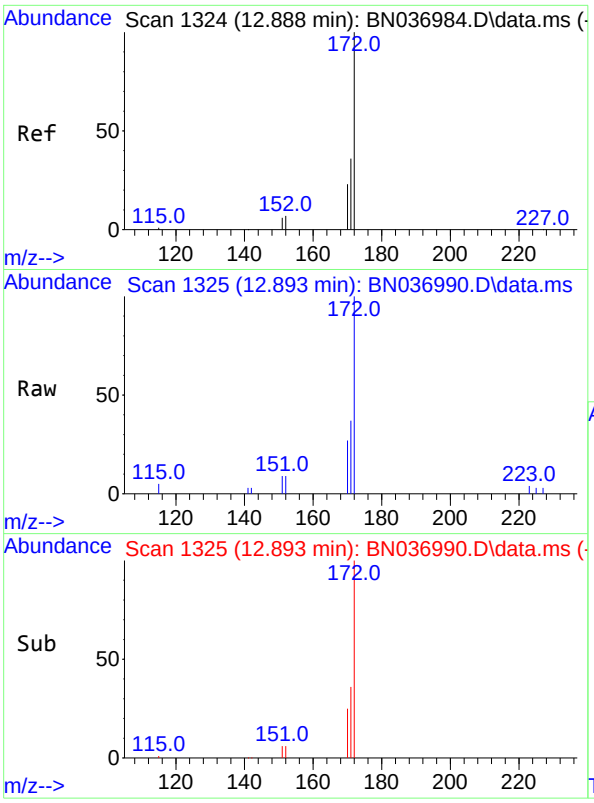


#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:330 Resp: 258

Ion	Ratio	Lower	Upper
330	100		
332	89.9	75.6	113.4
141	59.7	47.4	71.2



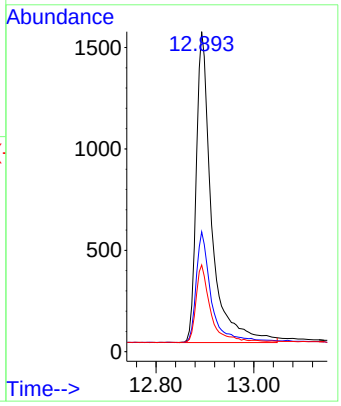


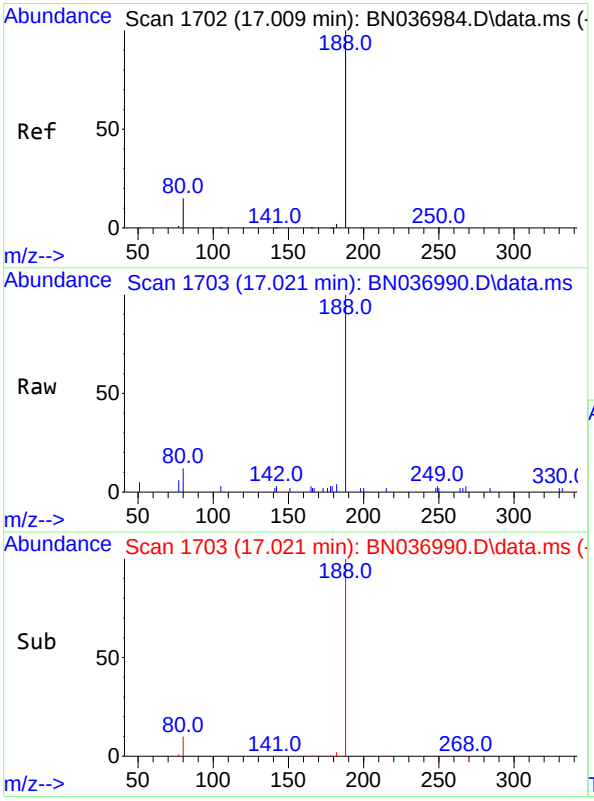
#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.893 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Tgt Ion:172 Resp: 3718

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	27.1	19.4	29.0

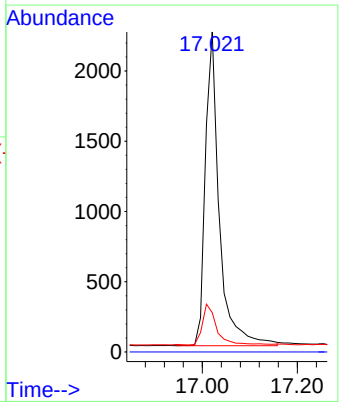


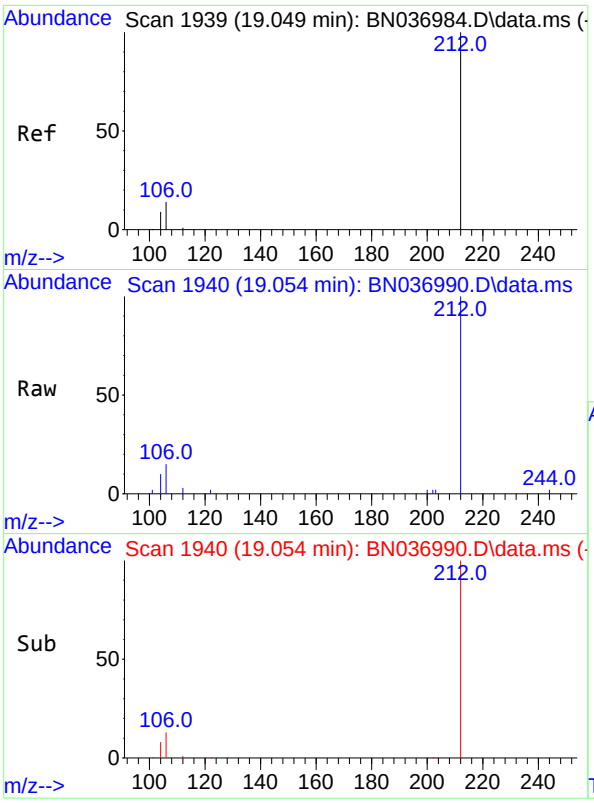


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.012 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:188 Resp: 4567

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	13.4	20.0#



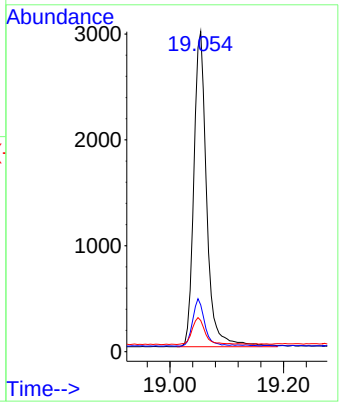


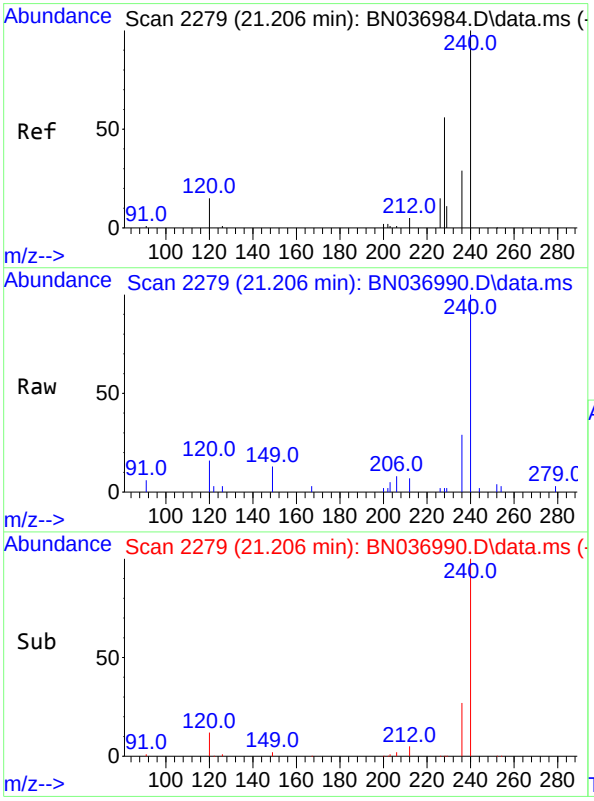
#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.054 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Tgt Ion:212 Resp: 4660

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.3	16.9
104	8.5	7.0	10.4

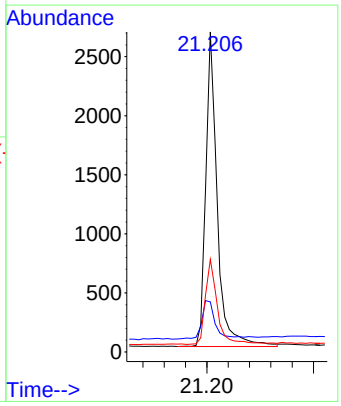


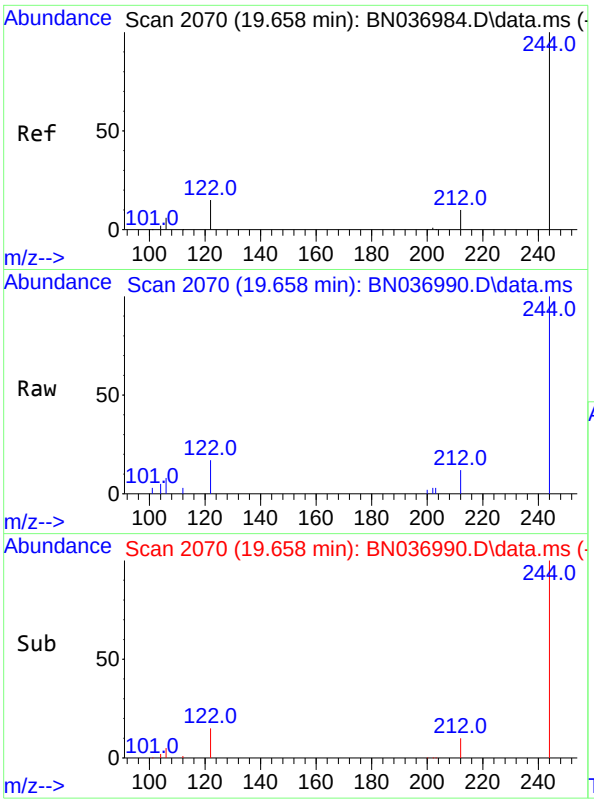


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.206 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:240 Resp: 3963

Ion	Ratio	Lower	Upper
240	100		
120	15.7	14.5	21.7
236	28.9	24.3	36.5



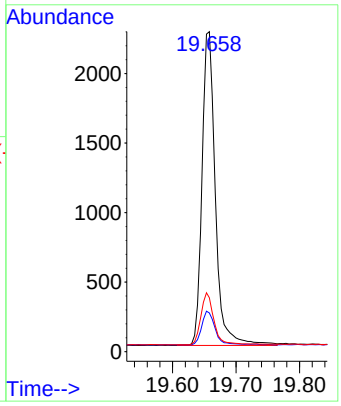


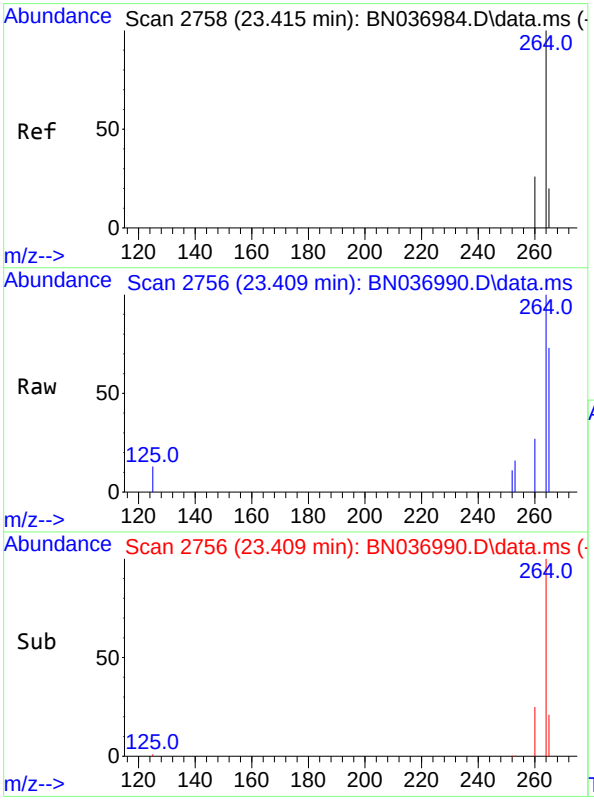
#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.658 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

Tgt Ion:244 Resp: 3305

Ion	Ratio	Lower	Upper
244	100		
212	12.1	9.5	14.3
122	16.9	13.4	20.0





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.409 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:264 Resp: 3827

Ion	Ratio	Lower	Upper
264	100		
260	26.9	22.3	33.5
265	73.2	55.4	83.0