

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
 Data File : BN037010.D
 Acq On : 14 May 2025 11:20
 Operator : RC/JU
 Sample : PB167952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167952BL

Quant Time: May 14 11:42:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	1697	0.40	ng	0.00
7) Naphthalene-d8	10.404	136	4346	0.40	ng	0.00
13) Acenaphthene-d10	14.267	164	2391	0.40	ng	0.00
19) Phenanthrene-d10	17.021	188	4921	0.40	ng	# 0.01
29) Chrysene-d12	21.215	240	4198	0.40	ng	# 0.00
35) Perylene-d12	23.418	264	4092	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1709	0.38	ng	0.00
5) Phenol-d6	6.795	99	1851	0.33	ng	0.00
8) Nitrobenzene-d5	8.771	82	1627	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.001	152	2197	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	253	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	4068	0.37	ng	0.00
27) Fluoranthene-d10	19.054	212	4929	0.37	ng	0.00
31) Terphenyl-d14	19.658	244	3485	0.39	ng	0.00

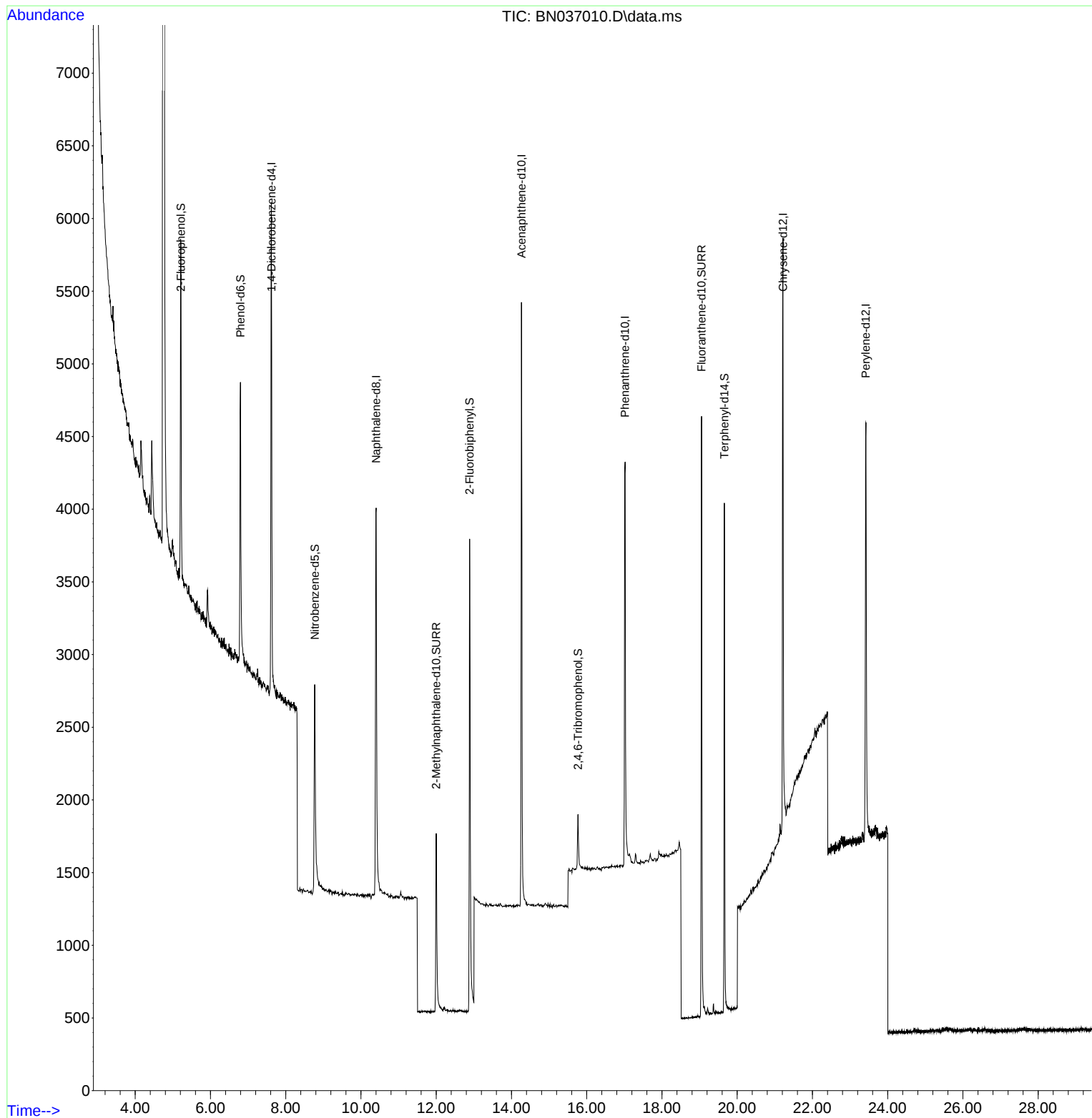
Target Compounds Qvalue

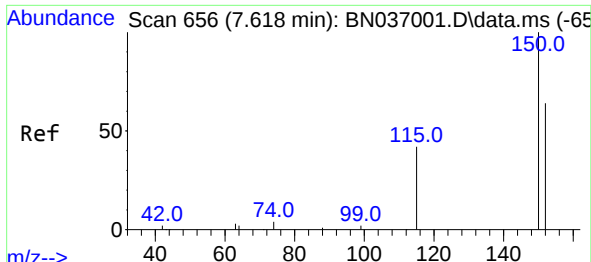
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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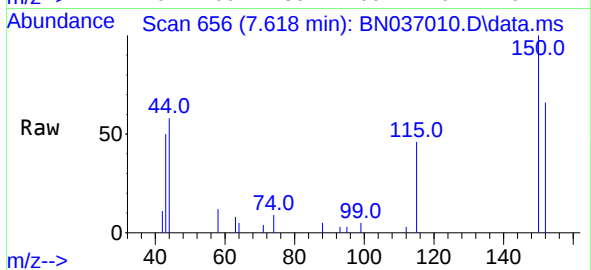
Quant Time: May 14 11:42:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



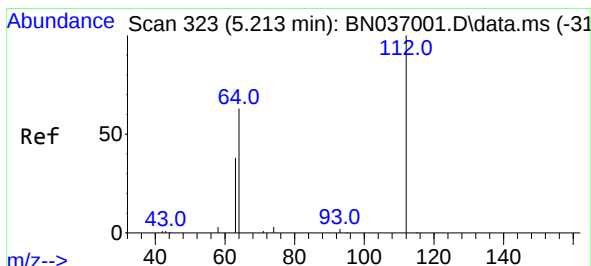
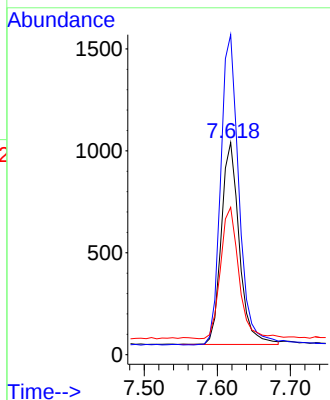
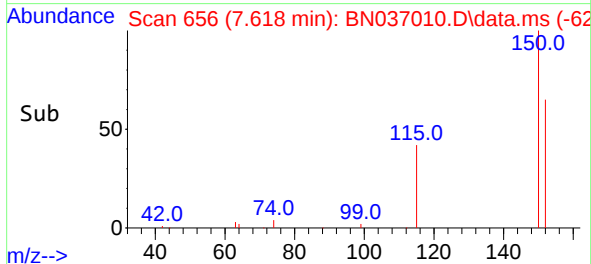


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.618 min Scan# 656
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Instrument :
BNA_N
ClientSampleId :
PB167952BL

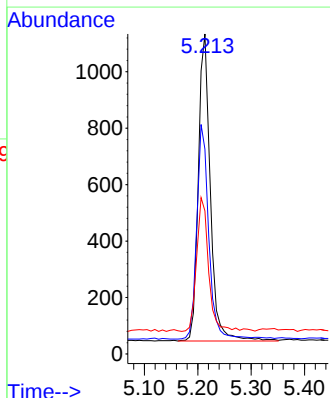
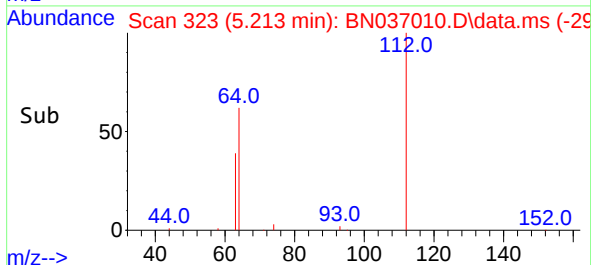
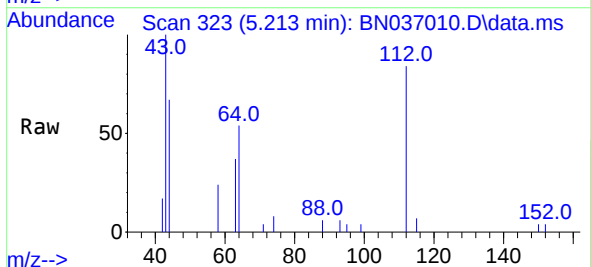


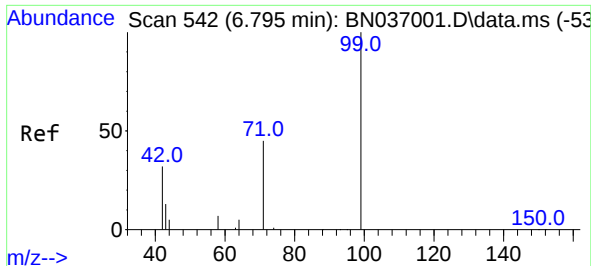
Tgt Ion:152 Resp: 1697
Ion Ratio Lower Upper
152 100
150 150.8 123.9 185.9
115 69.5 55.8 83.8



#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

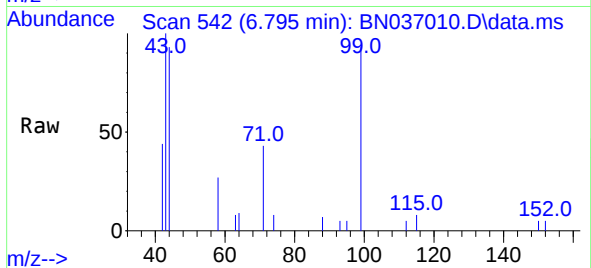
Tgt Ion:112 Resp: 1709
Ion Ratio Lower Upper
112 100
64 69.1 55.7 83.5
63 43.0 34.6 51.8





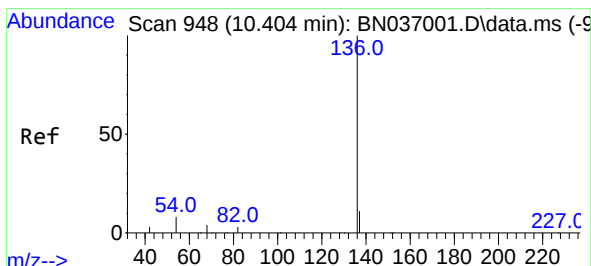
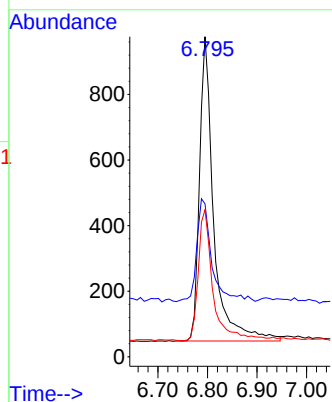
#5
Phenol-d6
Concen: 0.33 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Instrument :
BNA_N
ClientSampleId :
PB167952BL



Tgt Ion: 99 Resp: 1851

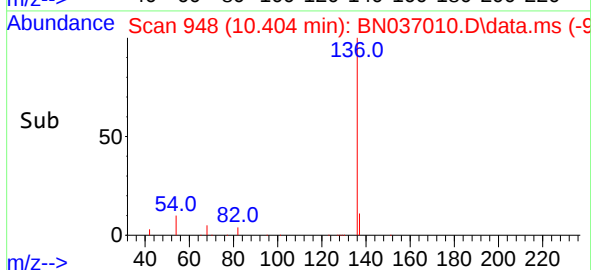
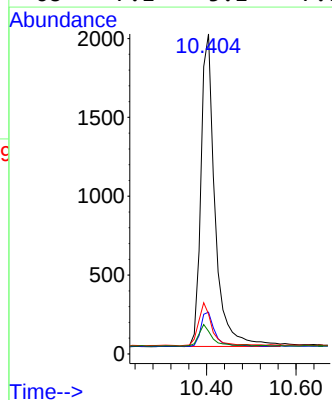
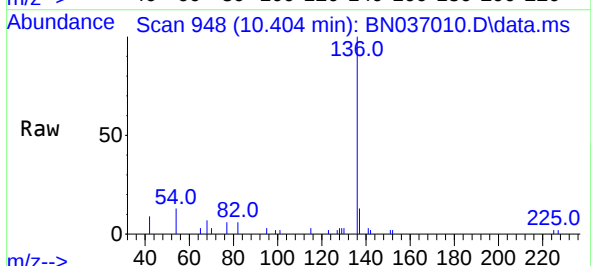
Ion	Ratio	Lower	Upper
99	100		
42	35.4	29.3	43.9
71	44.7	35.7	53.5

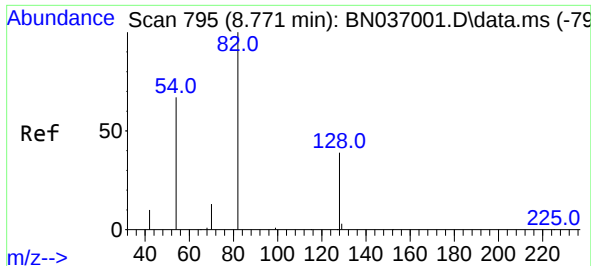


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.404 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion: 136 Resp: 4346

Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.4	15.6
54	12.5	8.5	12.7
68	7.1	5.1	7.7

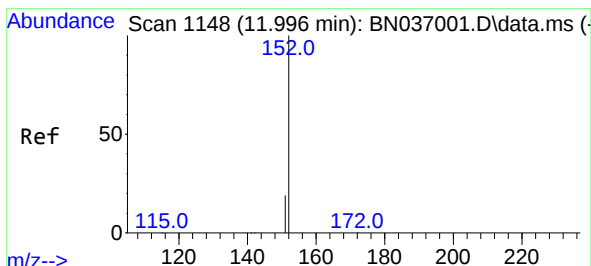
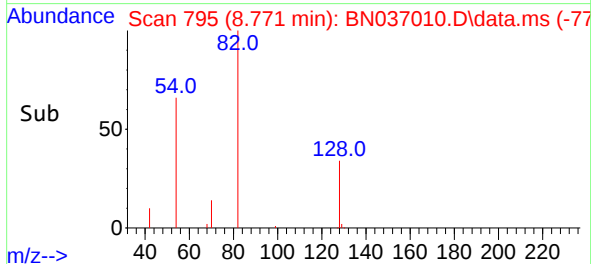
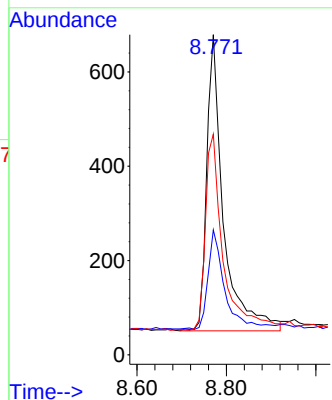
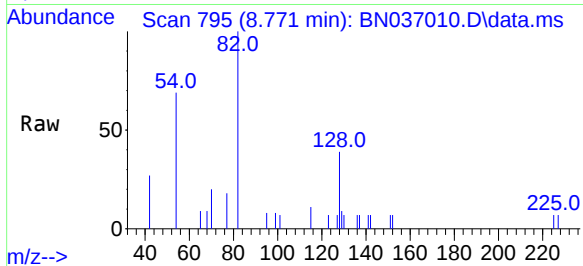




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.771 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

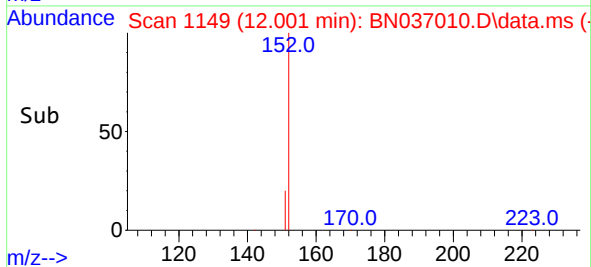
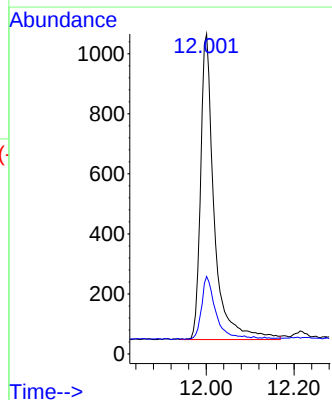
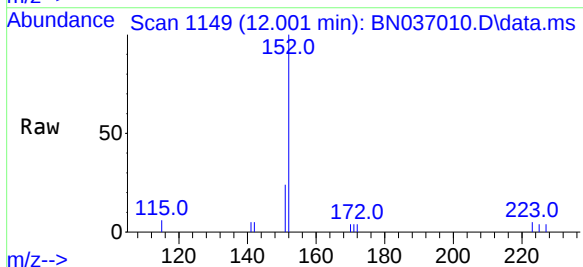
Instrument :
BNA_N
ClientSampleId :
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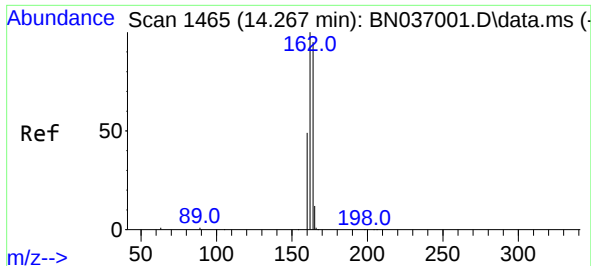
Tgt Ion: 82 Resp: 1627
Ion Ratio Lower Upper
82 100
128 39.0 34.0 51.0
54 68.9 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.001 min Scan# 1149
Delta R.T. 0.005 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion: 152 Resp: 2197
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3

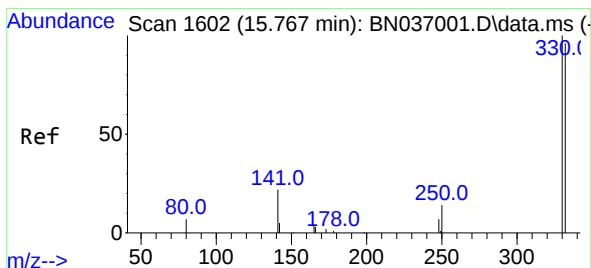
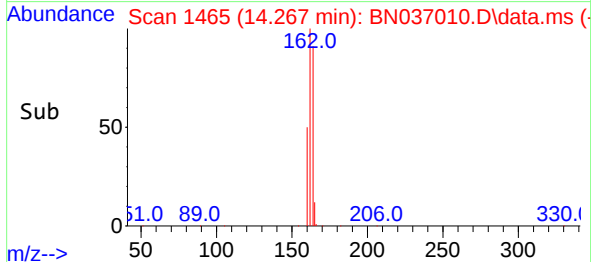
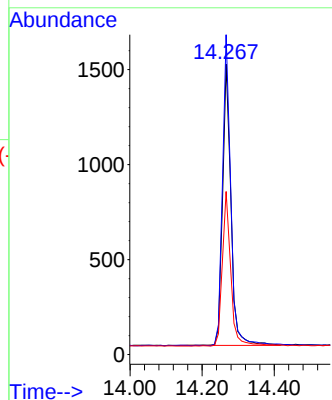
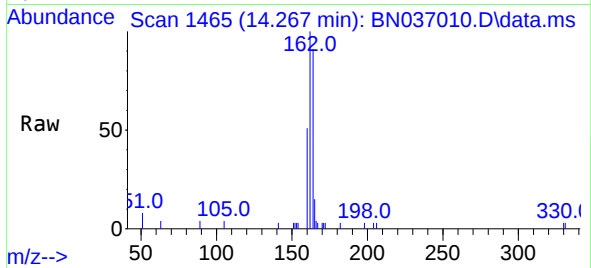




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

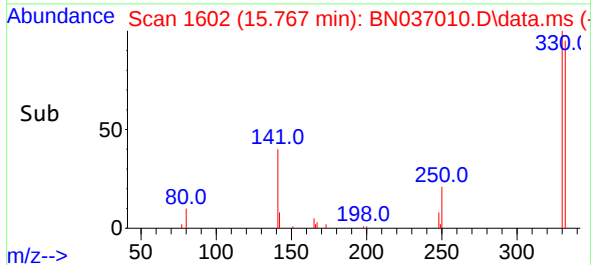
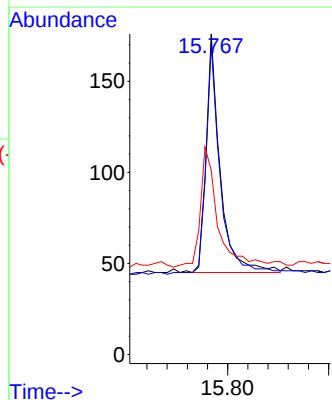
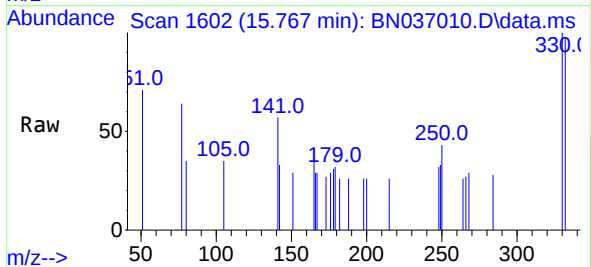
Instrument :
BNA_N
ClientSampleId :
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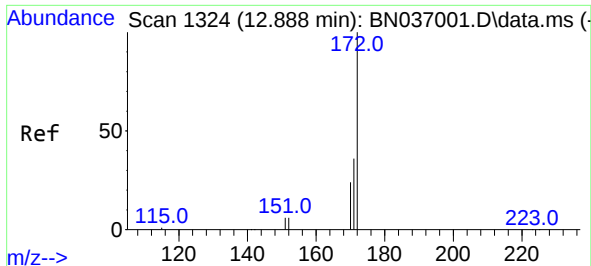
Tgt Ion:164 Resp: 2391
Ion Ratio Lower Upper
164 100
162 110.1 84.2 126.4
160 56.2 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion:330 Resp: 253
Ion Ratio Lower Upper
330 100
332 98.8 73.8 110.8
141 62.1 43.9 65.9

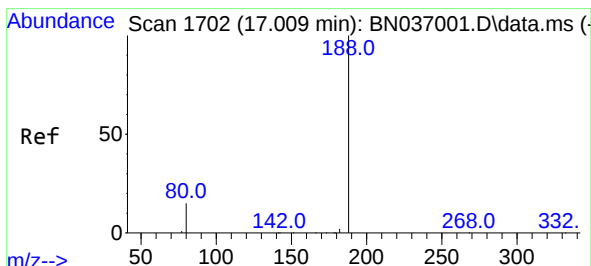
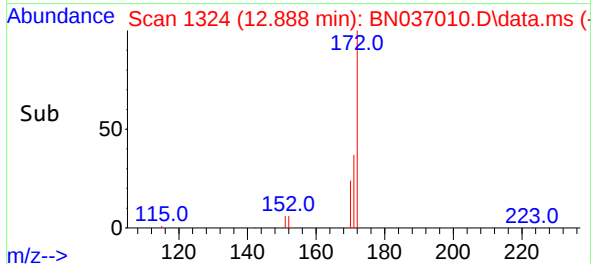
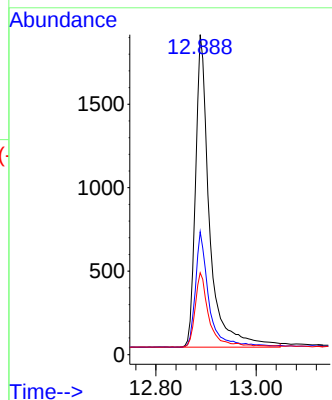
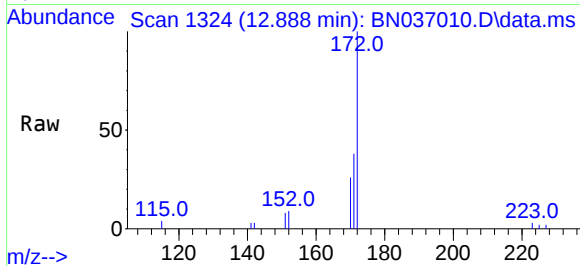




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

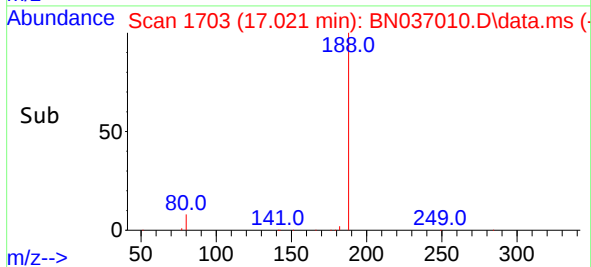
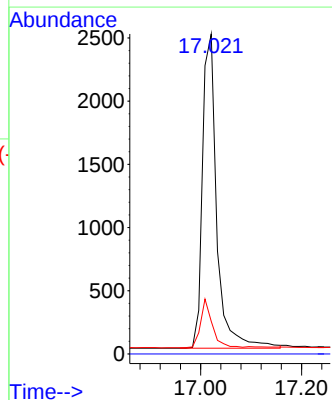
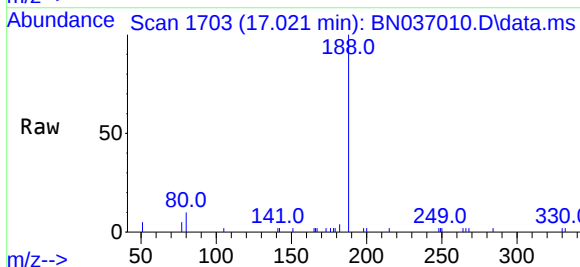
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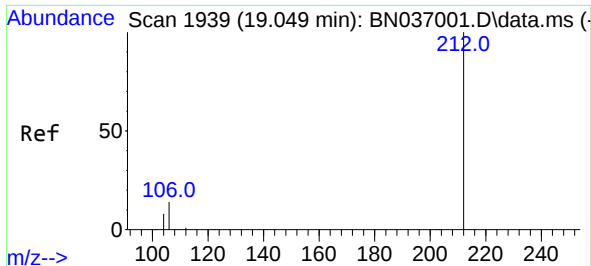
Tgt Ion:	172	Resp:	4068
Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.2	43.8
170	25.6	20.5	30.7



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.012 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion:	188	Resp:	4921
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	13.4	20.0

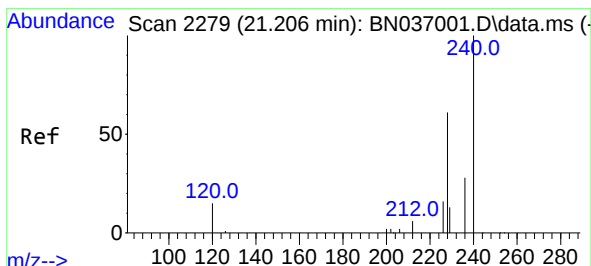
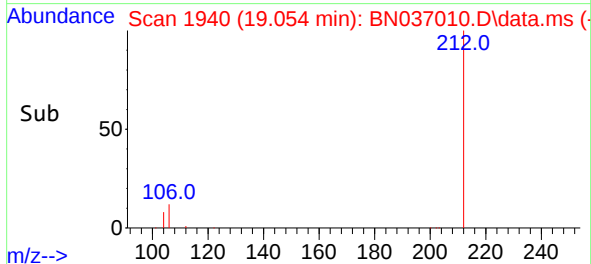
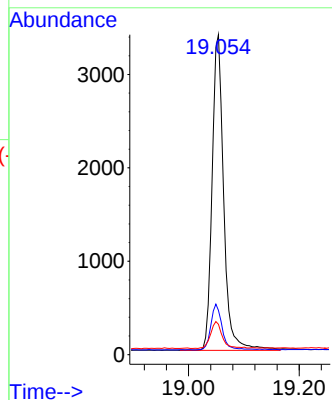
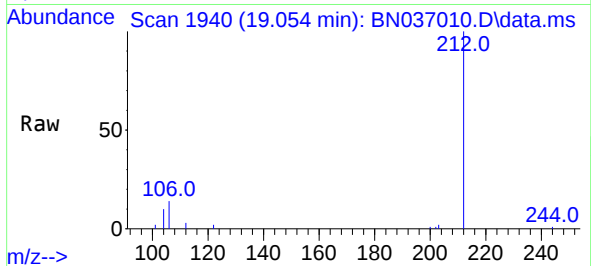




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.054 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

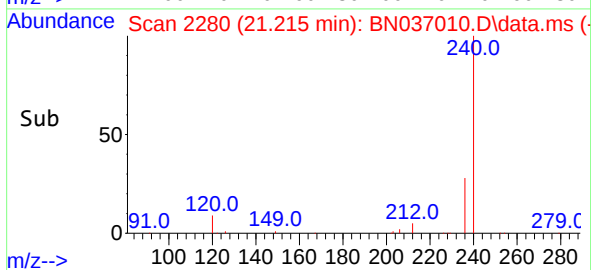
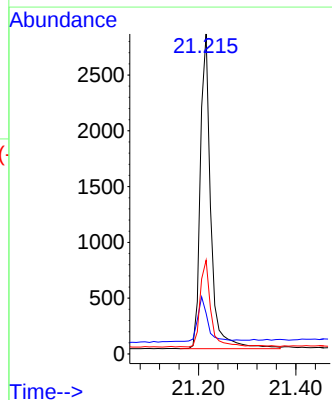
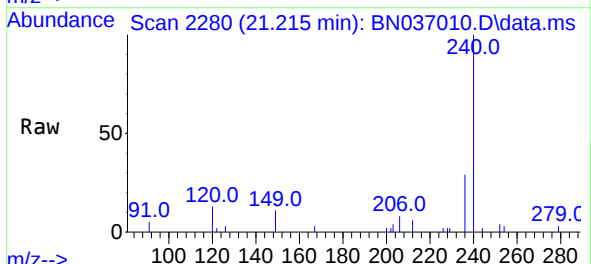
Instrument :
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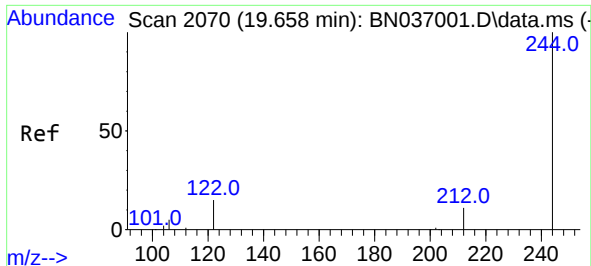
Tgt Ion:212 Resp: 4929
Ion Ratio Lower Upper
212 100
106 14.0 11.3 16.9
104 8.7 6.7 10.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.215 min Scan# 2280
Delta R.T. 0.009 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion:240 Resp: 4198
Ion Ratio Lower Upper
240 100
120 12.7 15.1 22.7#
236 29.3 24.0 36.0

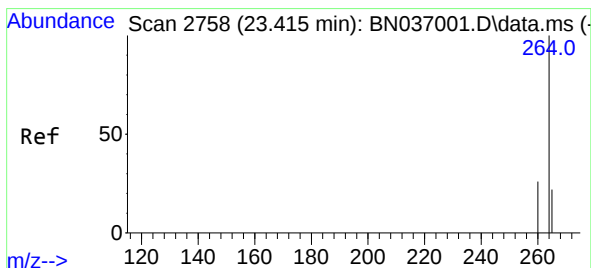
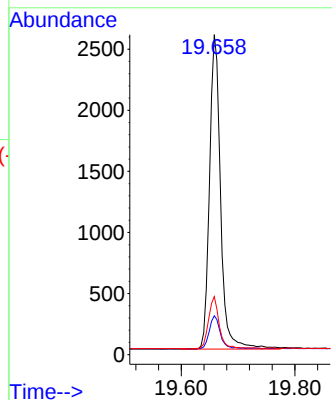
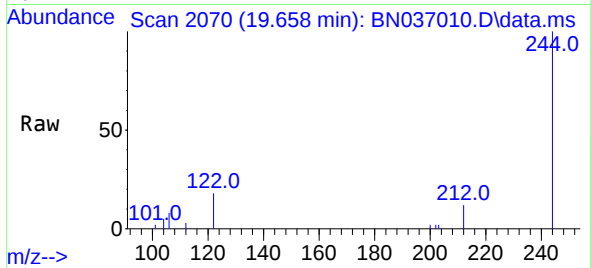




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.658 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Instrument :
BNA_N
ClientSampleId :
PB167952BL

Tgt Ion:244 Resp: 3485
Ion Ratio Lower Upper
244 100
212 12.1 9.7 14.5
122 18.1 13.4 20.0



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.418 min Scan# 2759
Delta R.T. 0.003 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion:264 Resp: 4092
Ion Ratio Lower Upper
264 100
260 27.1 21.9 32.9
265 67.1 51.6 77.4

