

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034138.D
Acq On : 21 Sep 2024 23:58
Operator : JU/RC
Sample : PB163558BL
Misc :
ALS Vial : 103 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163558BL

Quant Time: Sep 23 00:01:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5847	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15255	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8244	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	15908	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	8486	0.400	ng	0.00
35) Perylene-d12	23.174	264	7265	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	5334	0.321	ng	0.00
5) Phenol-d6	6.629	99	5074	0.263	ng	0.00
8) Nitrobenzene-d5	8.568	82	3655	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	7228	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	498	0.133	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11070	0.330	ng	0.00
27) Fluoranthene-d10	18.876	212	13278	0.331	ng	-0.01
31) Terphenyl-d14	19.494	244	7712	0.455	ng	-0.01

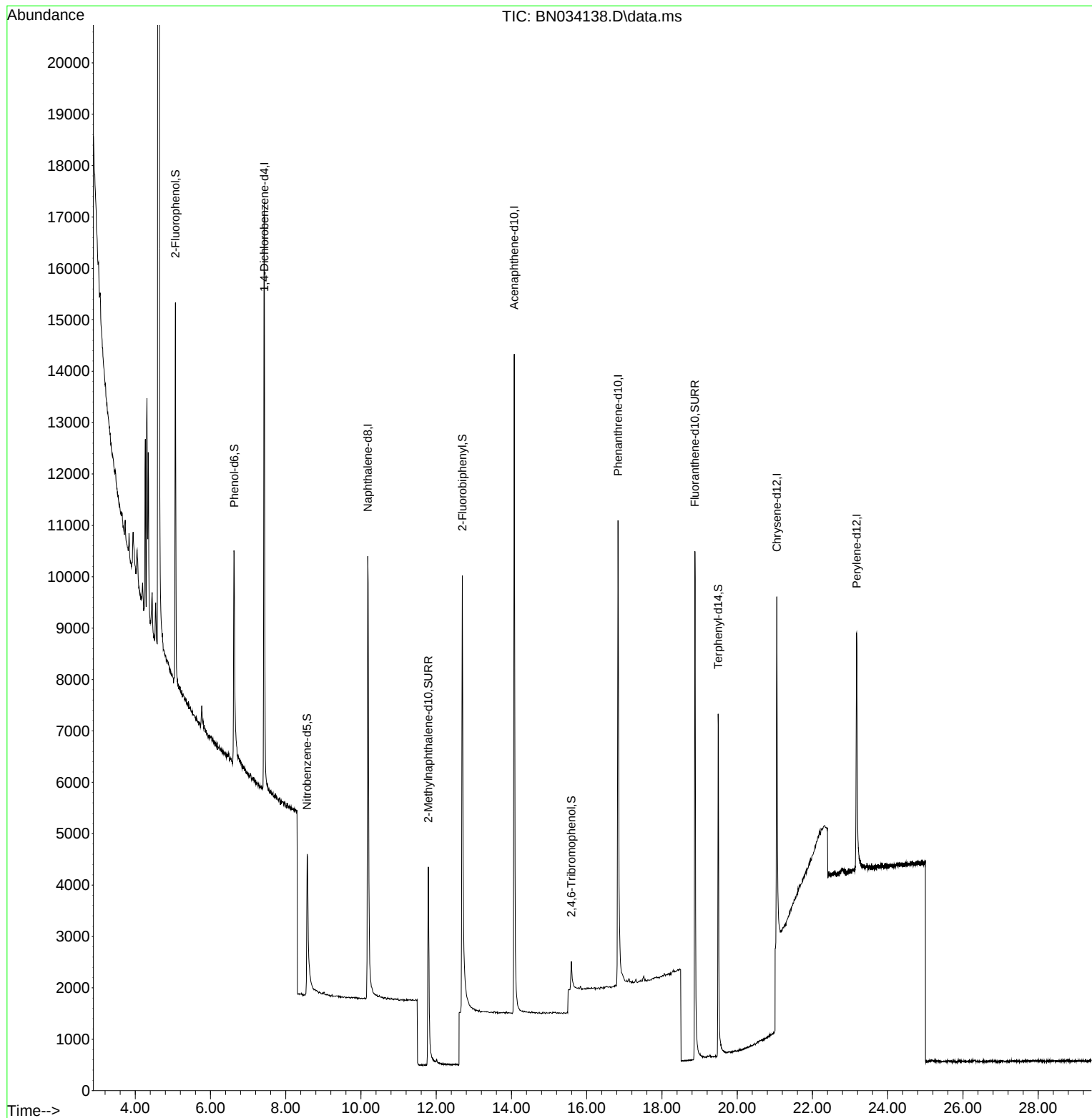
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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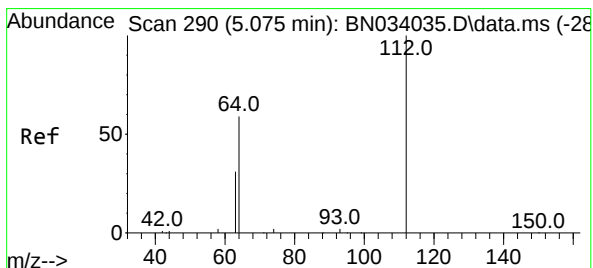
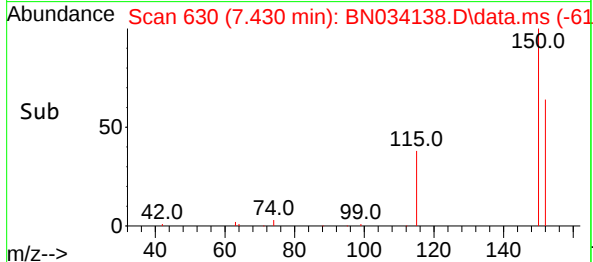
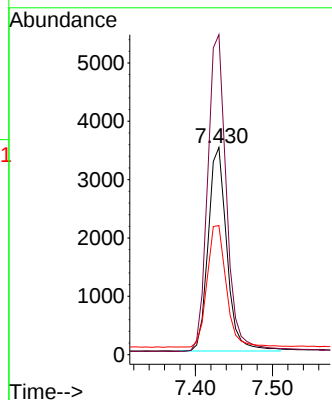
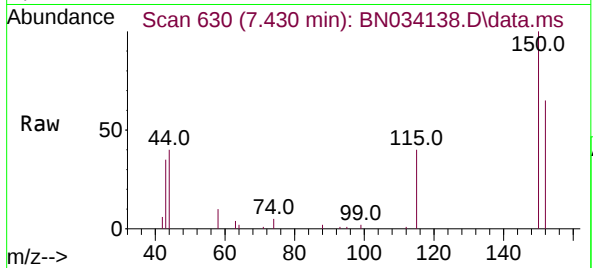




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

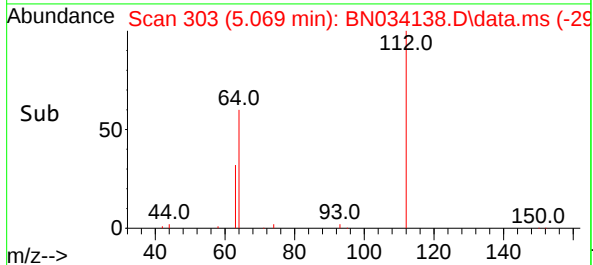
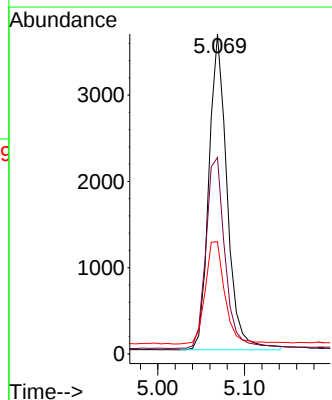
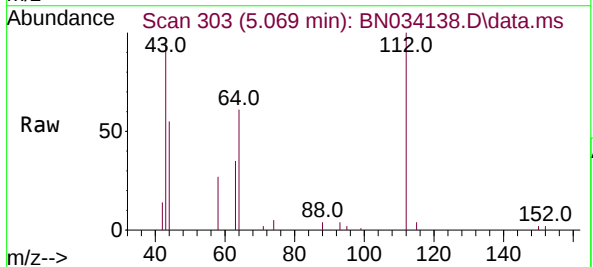
Instrument :
BNA_N
ClientSampleId :
PB163558BL

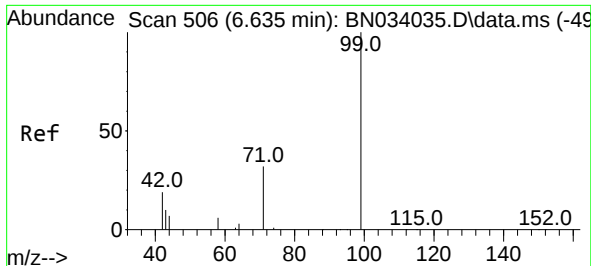
Tgt Ion:152 Resp: 5847
Ion Ratio Lower Upper
152 100
150 154.4 124.6 187.0
115 62.3 50.0 75.0



#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

Tgt Ion:112 Resp: 5334
Ion Ratio Lower Upper
112 100
64 63.8 48.6 72.8
63 35.3 25.6 38.4

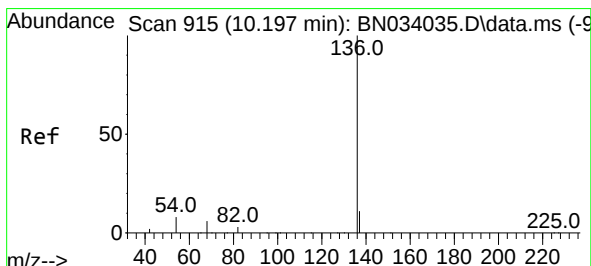
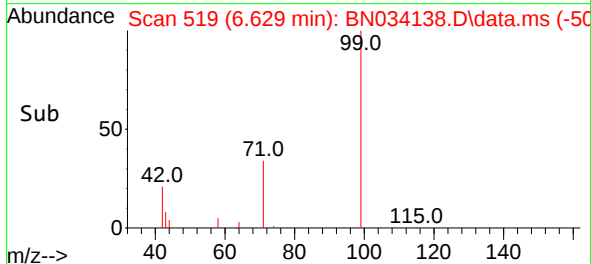
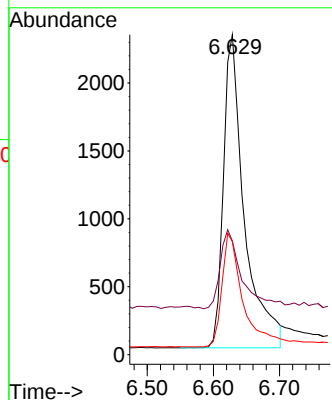
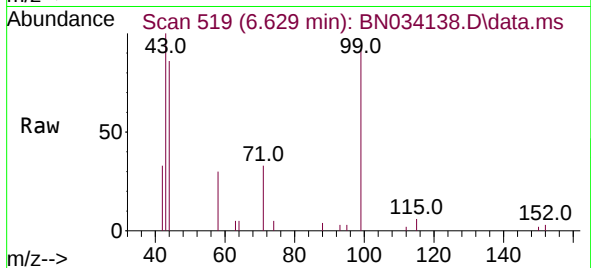




#5
Phenol-d6
Concen: 0.263 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

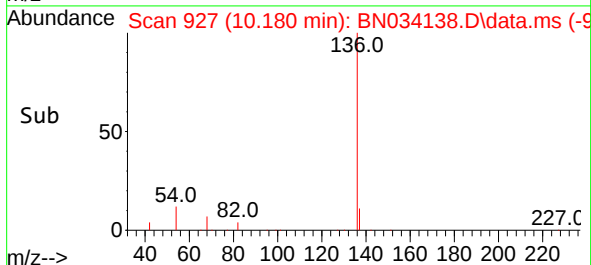
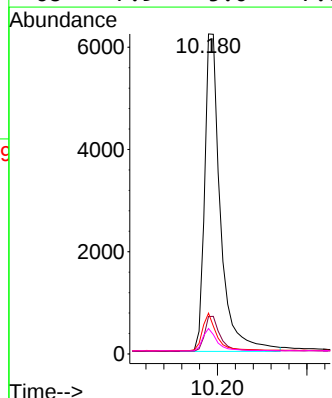
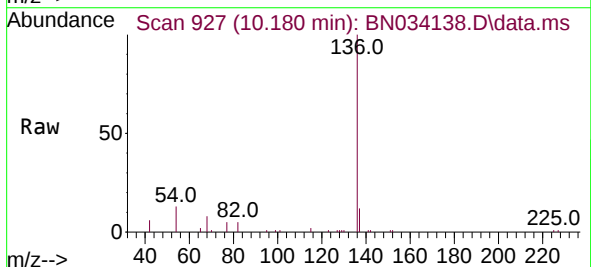
Instrument :
BNA_N
ClientSampleId :
PB163558BL

Tgt Ion: 99 Resp: 5074
Ion Ratio Lower Upper
99 100
42 25.6 17.8 26.8
71 36.2 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

Tgt Ion: 136 Resp: 15255
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 12.8 6.8 10.2#
68 7.9 5.0 7.6#

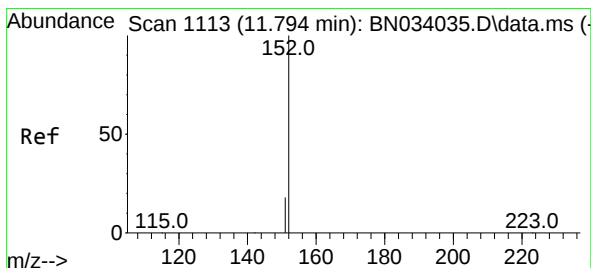
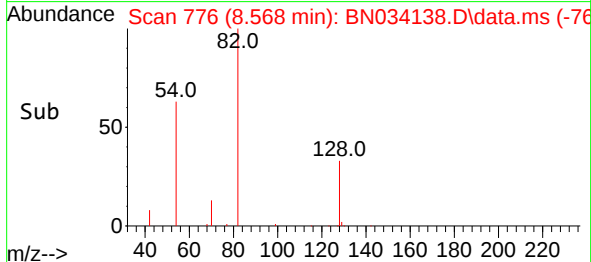
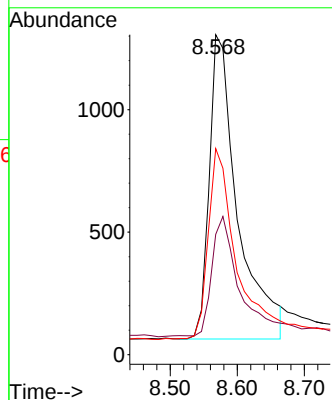
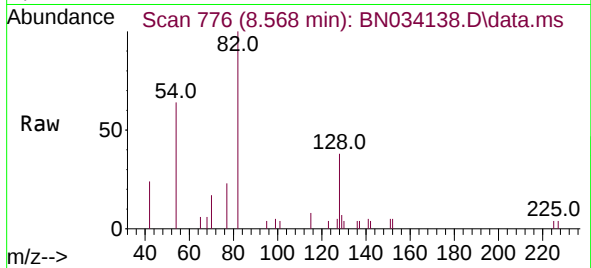




#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

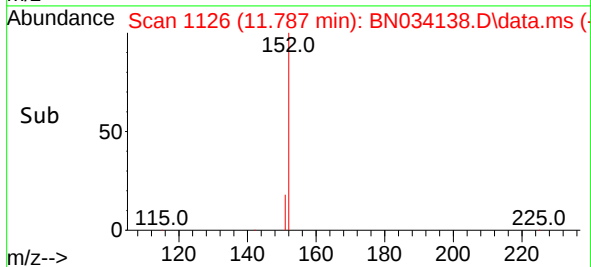
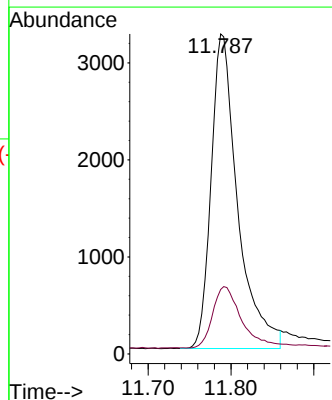
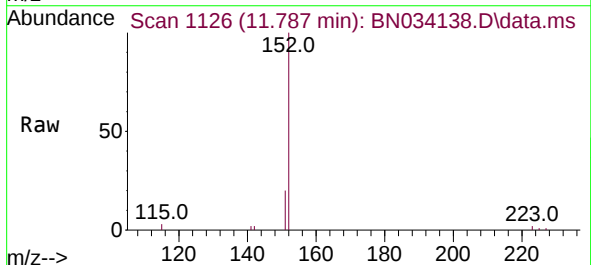
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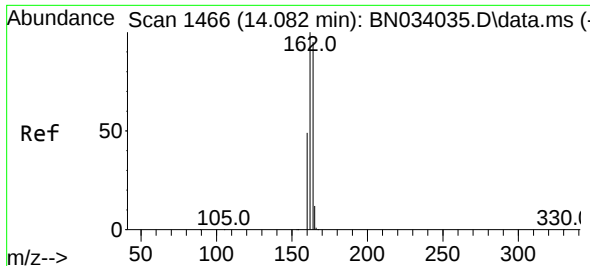
Tgt Ion: 82 Resp: 3655
Ion Ratio Lower Upper
82 100
128 37.6 31.4 47.2
54 64.4 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 11.787 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

Tgt Ion:152 Resp: 7228
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2

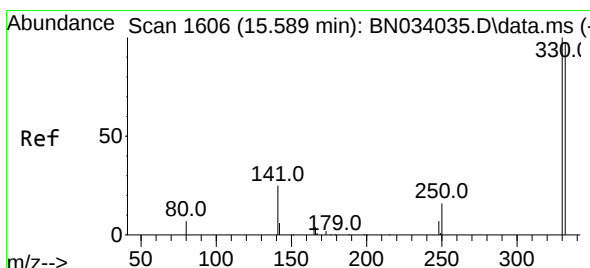
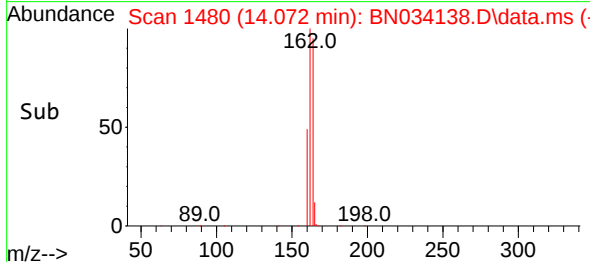
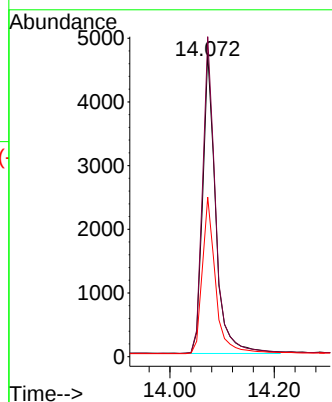
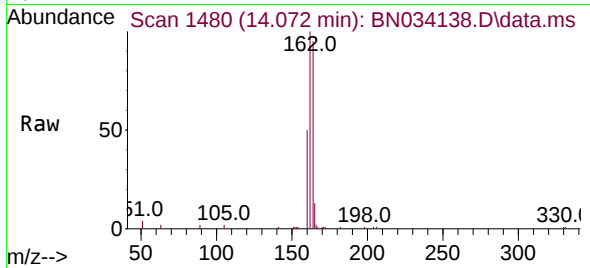




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

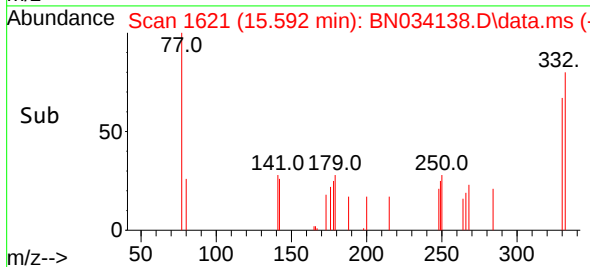
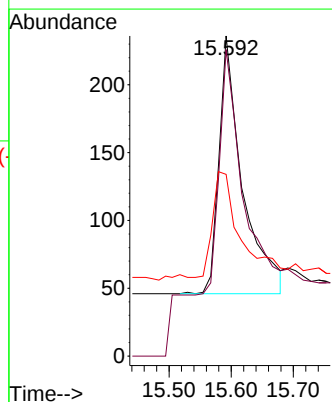
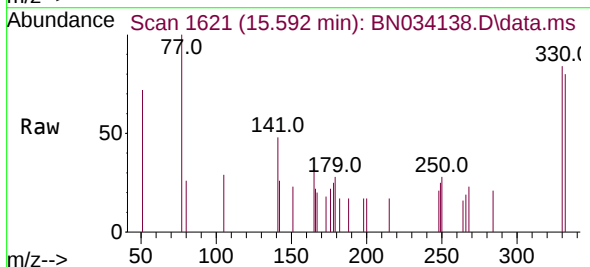
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BNA_N
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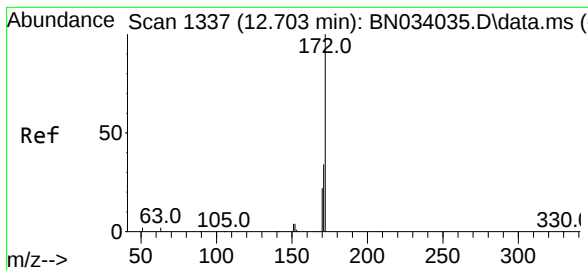
Tgt Ion:164 Resp: 8244
Ion Ratio Lower Upper
164 100
162 105.3 84.2 126.2
160 52.5 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.592 min Scan# 1621
Delta R.T. 0.003 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

Tgt Ion:330 Resp: 498
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 47.8 35.9 53.9

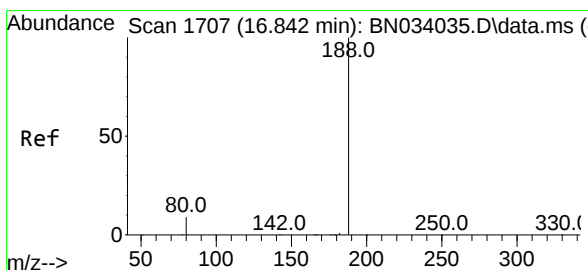
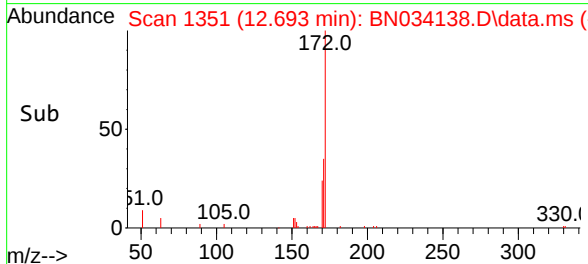
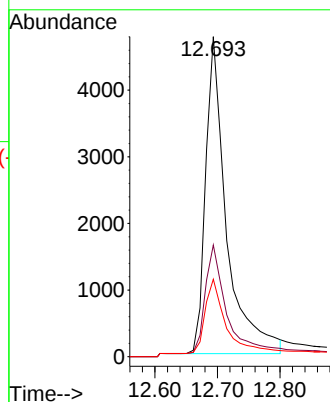
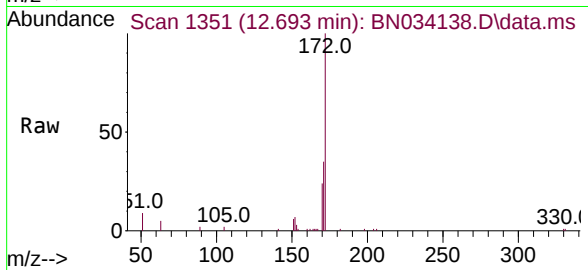




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

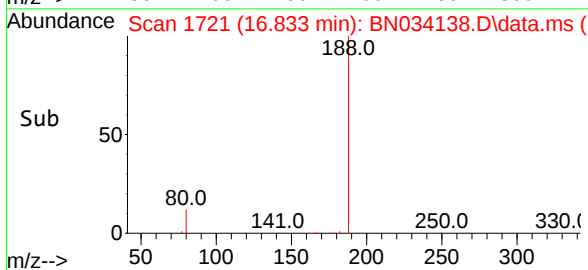
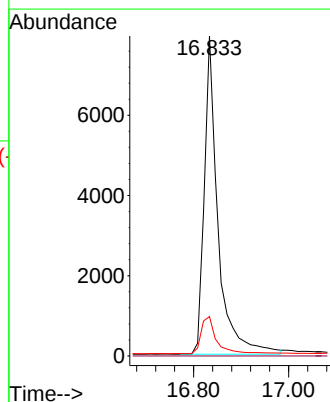
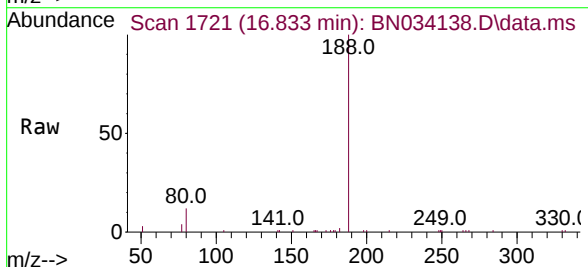
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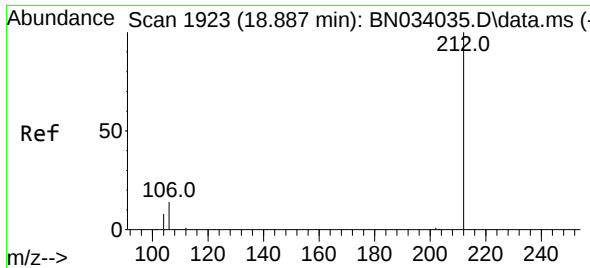
Tgt Ion:172 Resp: 11070
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 24.2 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

Tgt Ion:188 Resp: 15908
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.4 11.0#

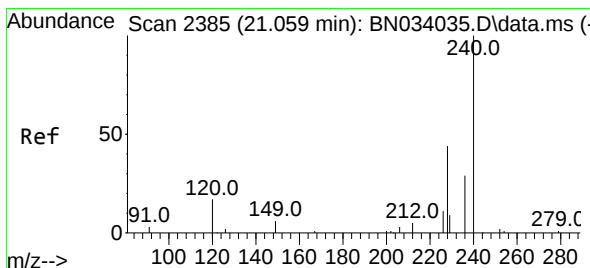
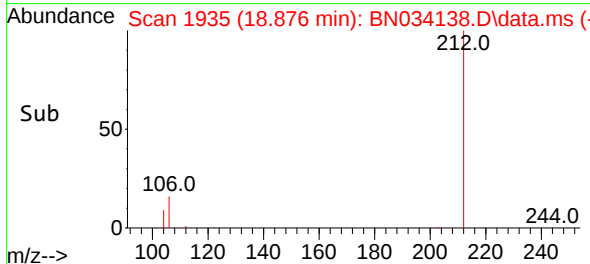
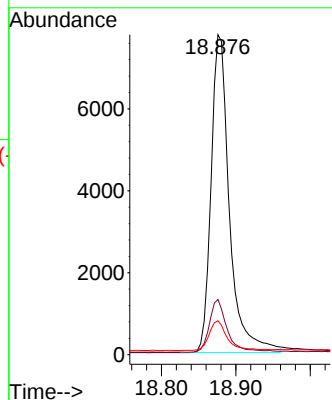
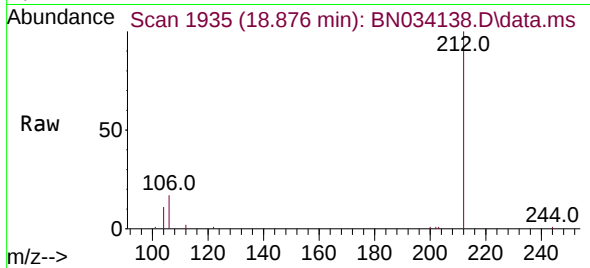




#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

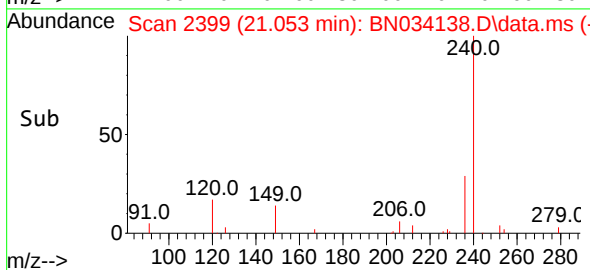
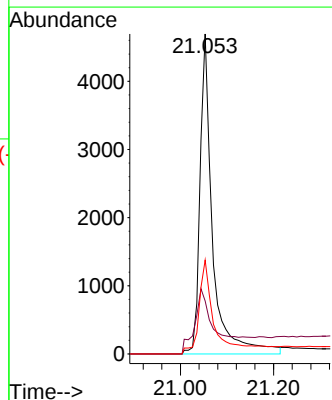
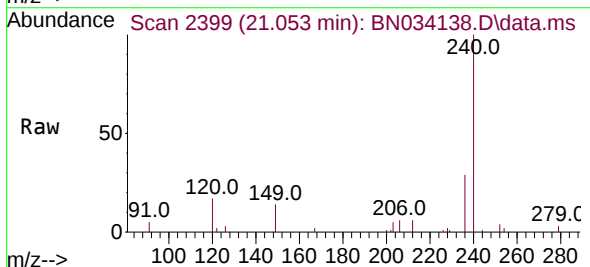
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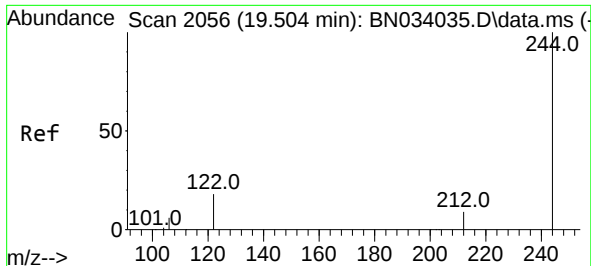
Tgt Ion:212 Resp: 13278
Ion Ratio Lower Upper
212 100
106 16.1 13.4 20.2
104 9.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034138.D
Acq: 21 Sep 2024 23:58

Tgt Ion:240 Resp: 8486
Ion Ratio Lower Upper
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120 16.5 13.5 20.3
236 29.3 23.4 35.0

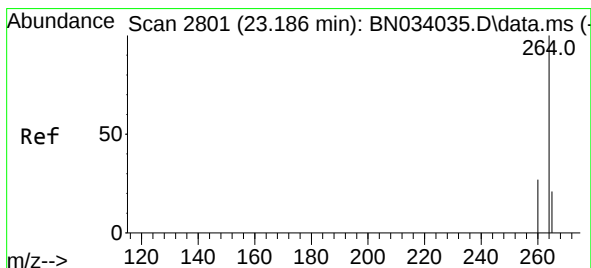
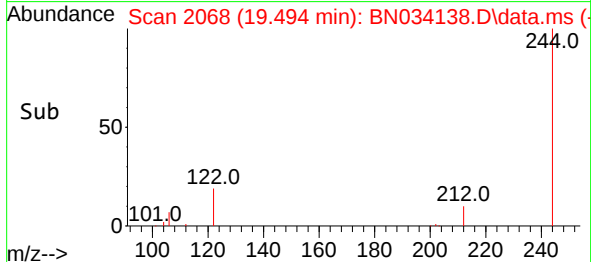
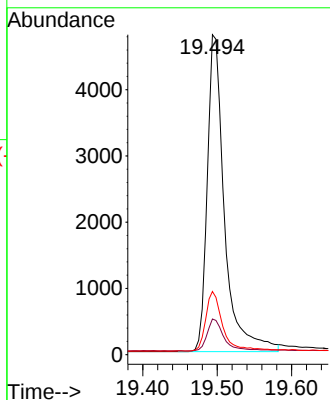
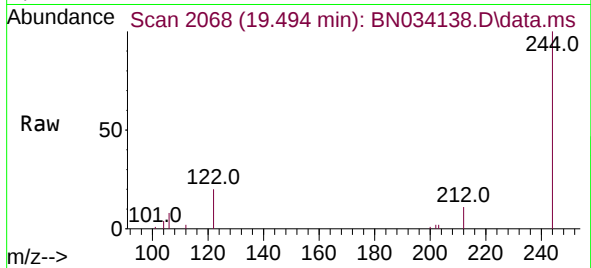




#31
 Terphenyl-d14
 Concen: 0.455 ng
 RT: 19.494 min Scan# 2056
 Delta R.T. -0.011 min
 Lab File: BN034138.D
 Acq: 21 Sep 2024 23:58

Instrument :
 BNA_N
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 PB163558BL

Tgt Ion:244 Resp: 7712
 Ion Ratio Lower Upper
 244 100
 212 11.1 7.8 11.6
 122 19.7 14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.174 min Scan# 2813
 Delta R.T. -0.012 min
 Lab File: BN034138.D
 Acq: 21 Sep 2024 23:58

Tgt Ion:264 Resp: 7265
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.7 32.5
 265 100.4 52.1 78.1#

