

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034575.D
 Acq On : 14 Oct 2024 17:26
 Operator : RC/JU
 Sample : PB163828BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163828BL

Quant Time: Oct 14 17:54:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 17:52:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.358	152	243007	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	709588	0.400	ng	# 0.00
13) Acenaphthene-d10	14.008	164	440763	0.400	ng	-0.01
19) Phenanthrene-d10	16.771	188	901981	0.400	ng	-0.01
29) Chrysene-d12	21.008	240	123868	0.400	ng	# 0.00
35) Perylene-d12	23.101	264	610689	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	4143	0.006	ng	0.00
5) Phenol-d6	6.607	99	3501	0.005	ng	0.04
8) Nitrobenzene-d5	8.514	82	3203	0.007	ng	0.00
11) 2-Methylnaphthalene-d10	11.746	152	7725	0.007	ng	0.02
14) 2,4,6-Tribromophenol	15.542	330	393	0.002	ng	0.01
15) 2-Fluorobiphenyl	12.640	172	9931	0.007	ng	0.00
27) Fluoranthene-d10	18.829	212	15964	0.007	ng	0.00
31) Terphenyl-d14	19.447	244	11070	0.213	ng	0.00

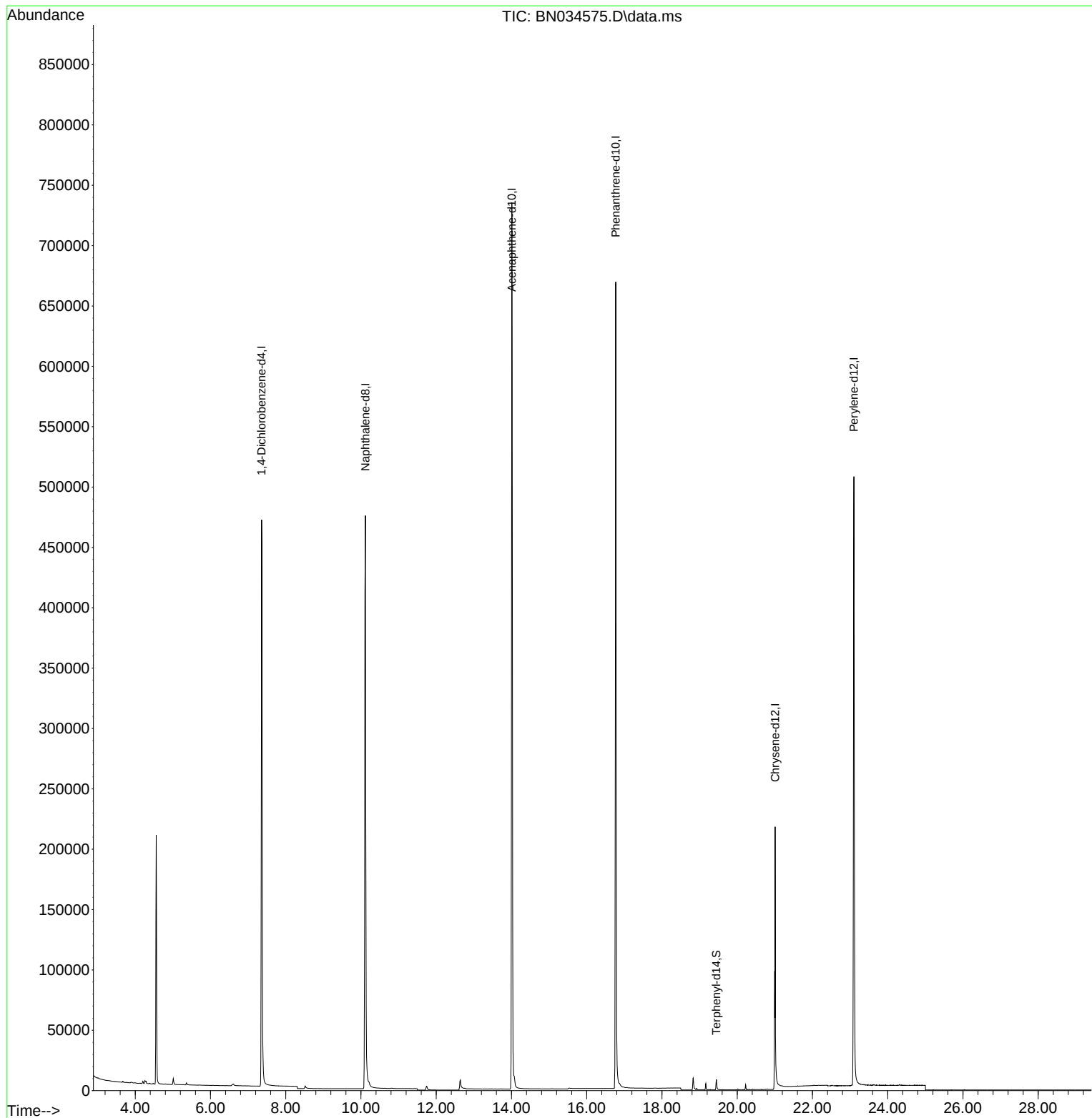
Target Compounds Qvalue

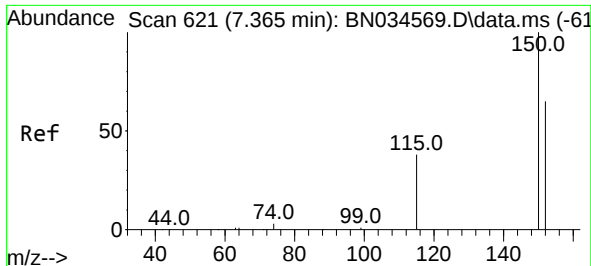
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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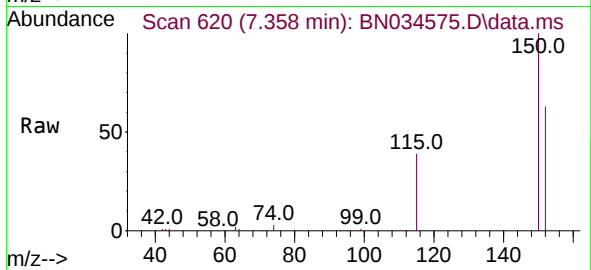
Quant Time: Oct 14 17:54:47 2024
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QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration



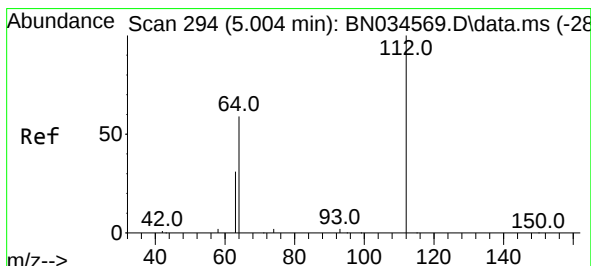
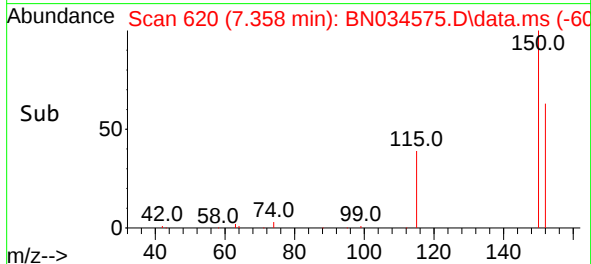
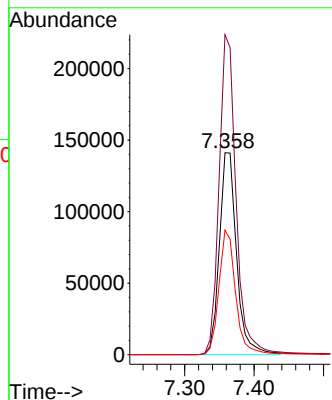


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.358 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

Instrument :
BNA_N
ClientSampleId :
PB163828BL

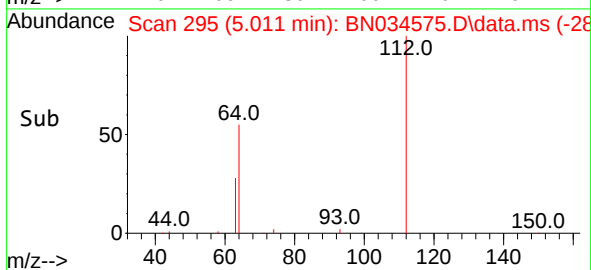
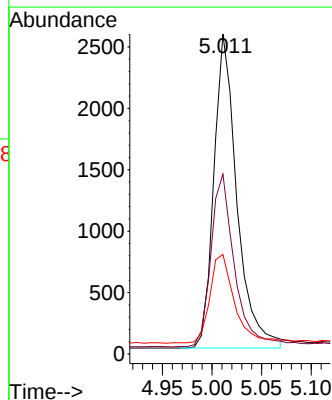
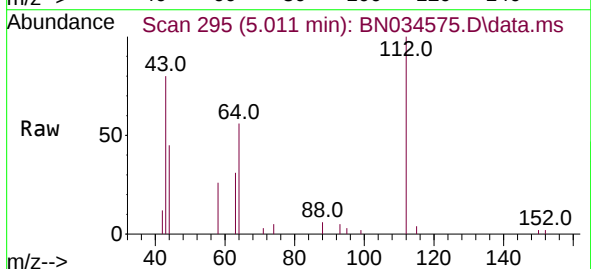


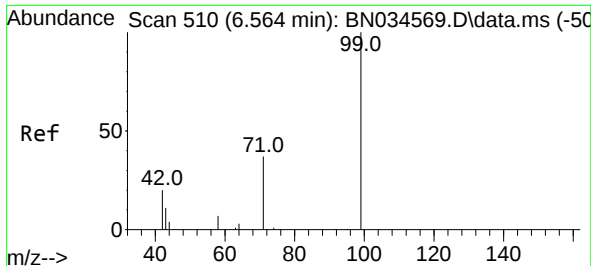
Tgt Ion:152 Resp: 243007
Ion Ratio Lower Upper
152 100
150 158.4 122.0 183.0
115 61.6 48.3 72.5



#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.007 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

Tgt Ion:112 Resp: 4143
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 30.2 23.8 35.6

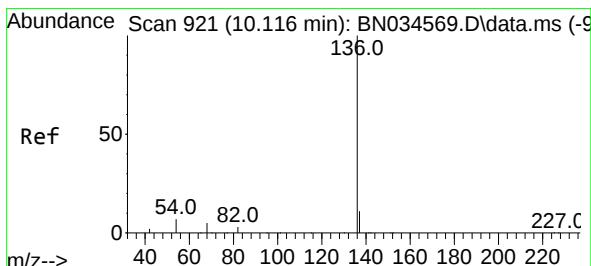
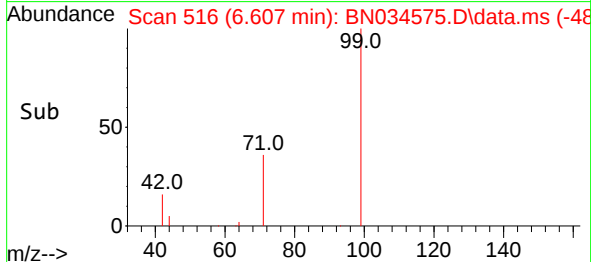
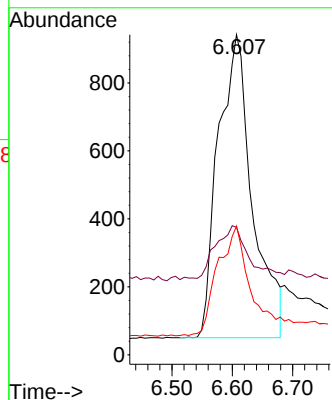
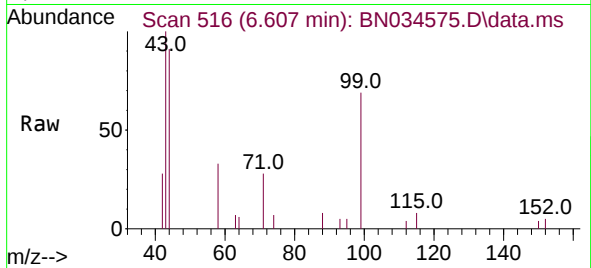




#5
Phenol-d6
Concen: 0.005 ng
RT: 6.607 min Scan# 510
Delta R.T. 0.043 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

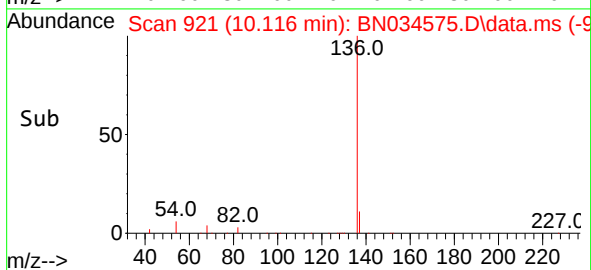
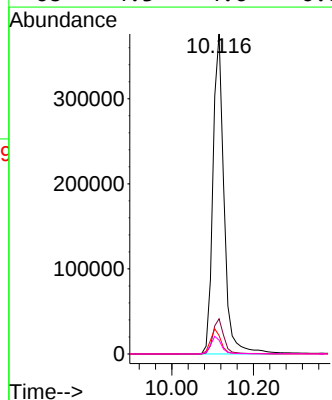
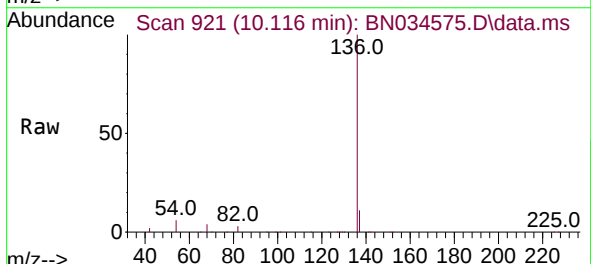
Instrument :
BNA_N
ClientSampleId :
PB163828BL

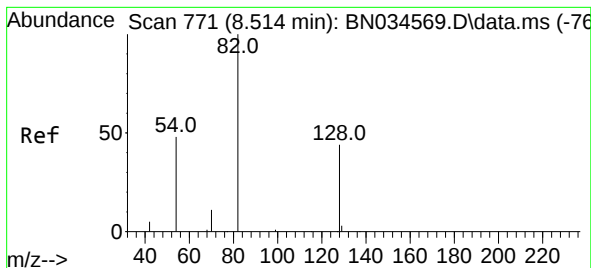
Tgt Ion: 99 Resp: 3501
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 34.2 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 921
Delta R.T. -0.000 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

Tgt Ion: 136 Resp: 709588
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 5.7 6.2 9.4#
68 4.3 4.6 6.8#





#8

Nitrobenzene-d5

Concen: 0.007 ng

RT: 8.514 min Scan# 71

Delta R.T. -0.000 min

Lab File: BN034575.D

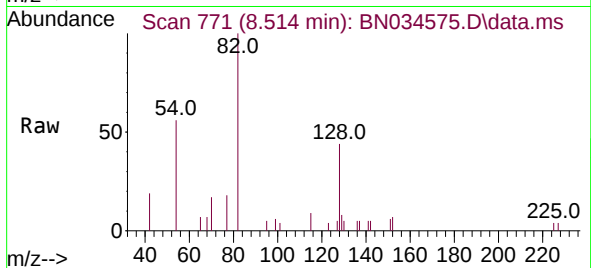
Acq: 14 Oct 2024 17:26

Instrument :

BNA_N

ClientSampleId :

PB163828BL



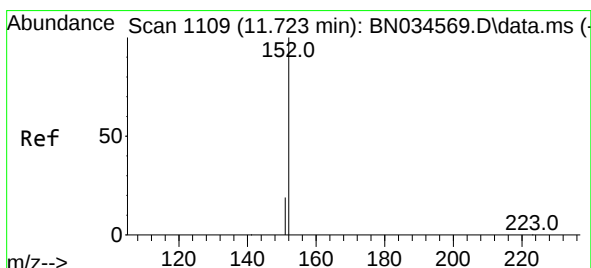
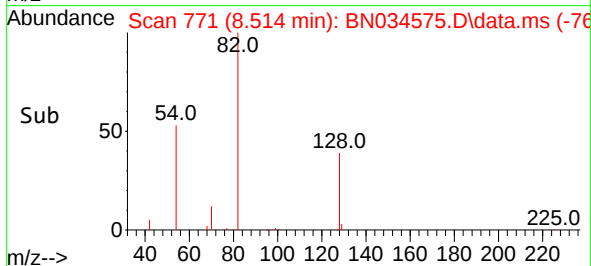
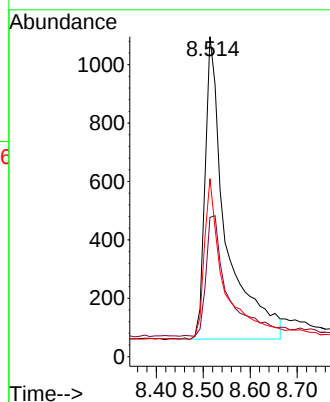
Tgt Ion: 82 Resp: 3203

Ion Ratio Lower Upper

82 100

128 43.5 38.0 57.0

54 55.7 40.6 60.8



#11

2-Methylnaphthalene-d10

Concen: 0.007 ng

RT: 11.746 min Scan# 1115

Delta R.T. 0.023 min

Lab File: BN034575.D

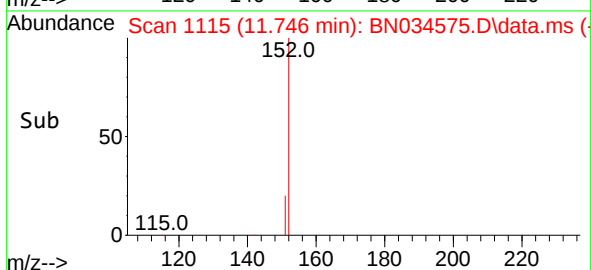
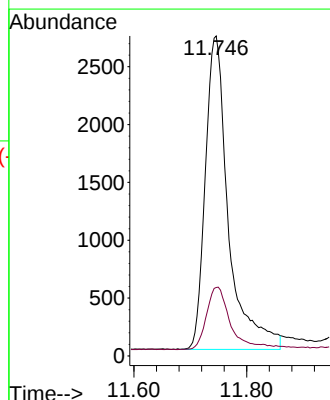
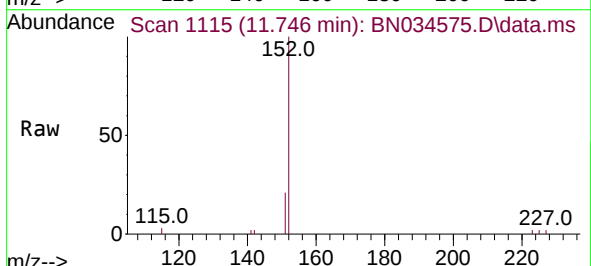
Acq: 14 Oct 2024 17:26

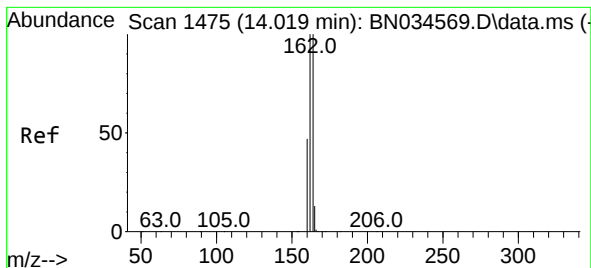
Tgt Ion: 152 Resp: 7725

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.008 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN034575.D

Acq: 14 Oct 2024 17:26

Instrument :

BNA_N

ClientSampleId :

PB163828BL

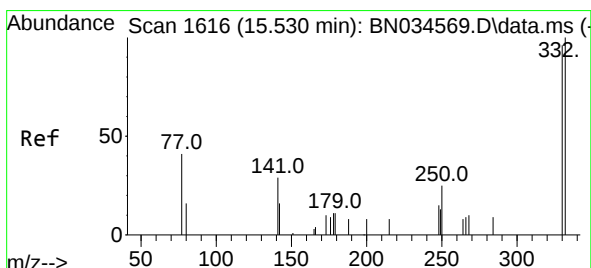
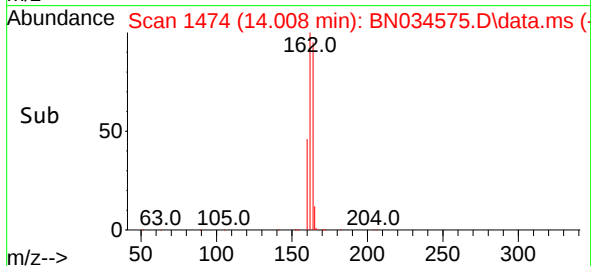
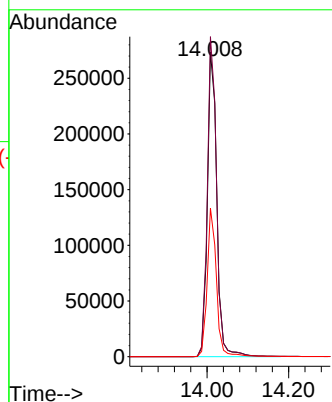
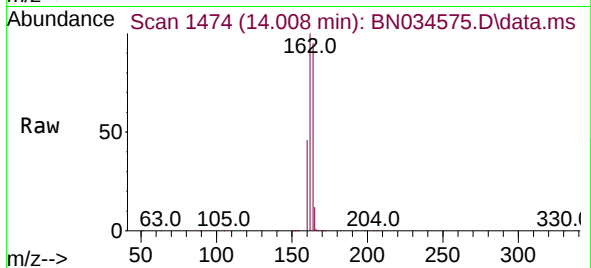
Tgt Ion:164 Resp: 440763

Ion Ratio Lower Upper

164 100

162 105.1 79.7 119.5

160 48.7 37.9 56.9



#14

2,4,6-Tribromophenol

Concen: 0.002 ng

RT: 15.542 min Scan# 1617

Delta R.T. 0.012 min

Lab File: BN034575.D

Acq: 14 Oct 2024 17:26

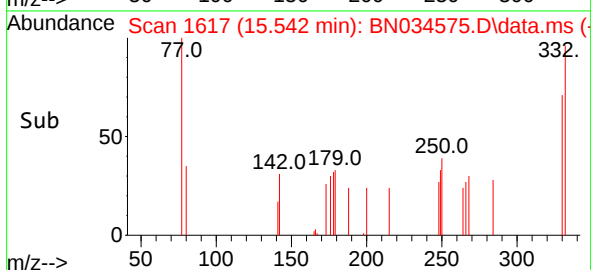
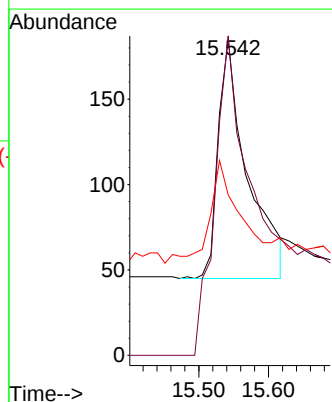
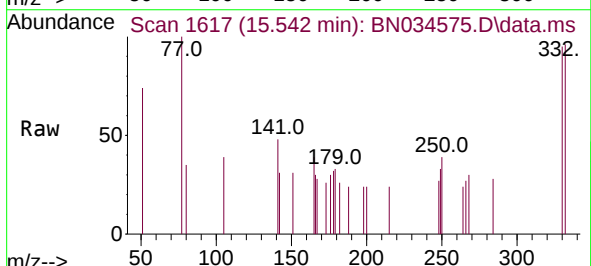
Tgt Ion:330 Resp: 393

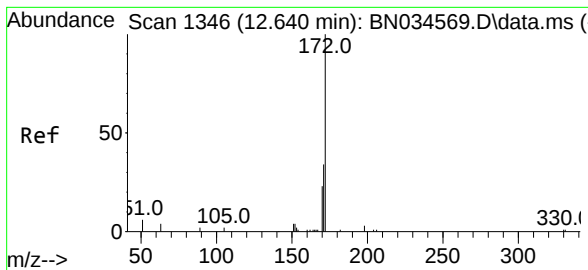
Ion Ratio Lower Upper

330 100

332 180.9 104.3 156.5#

141 45.3 29.4 44.0#

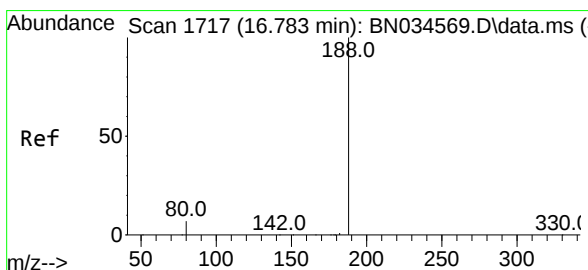
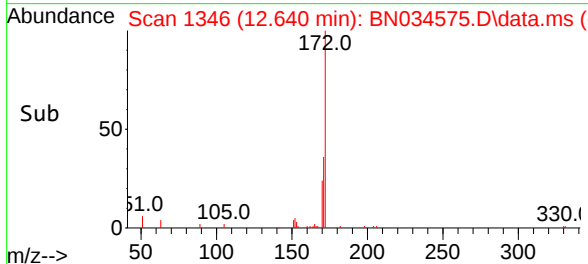
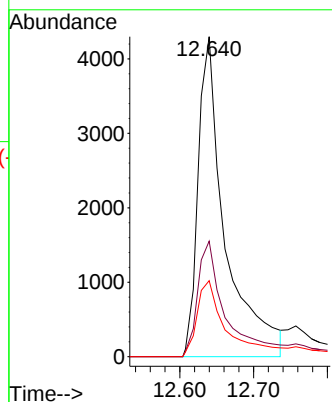
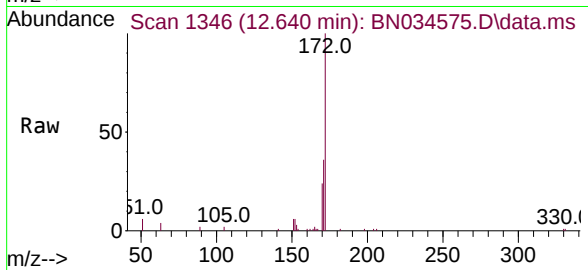




#15
2-Fluorobiphenyl
Concen: 0.007 ng
RT: 12.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

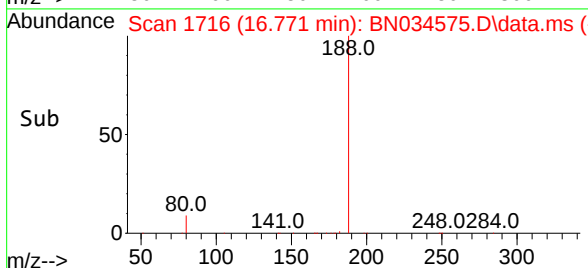
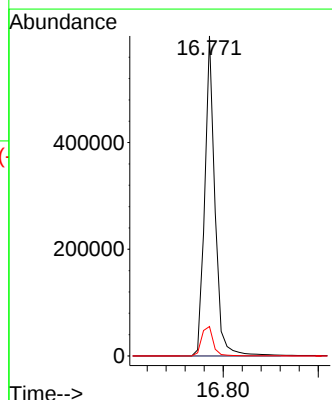
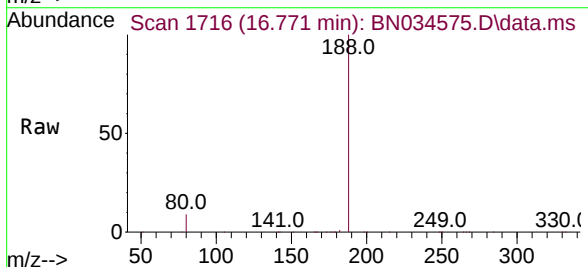
Instrument :
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PB163828BL

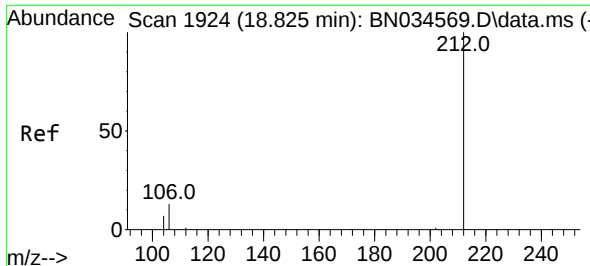
Tgt Ion:	172	Resp:	9931
Ion Ratio	Lower	Upper	
172	100		
171	36.1	27.1	40.7
170	23.7	18.5	27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.771 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

Tgt Ion:	188	Resp:	901981
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.2	6.3	9.5

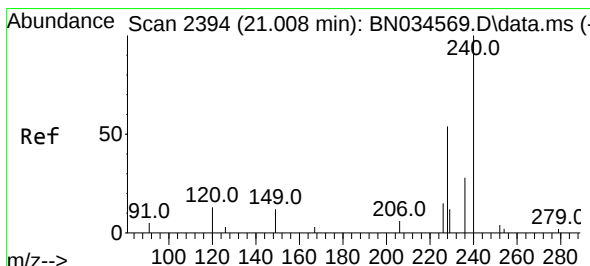
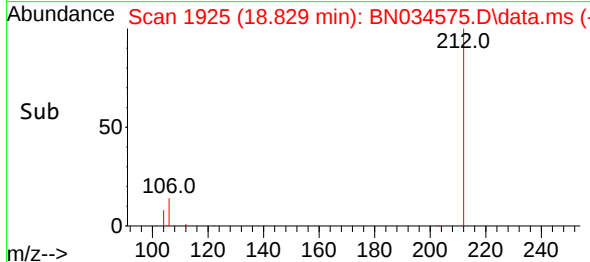
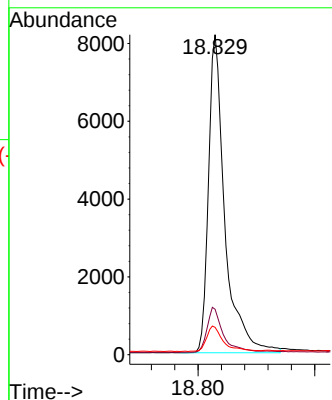
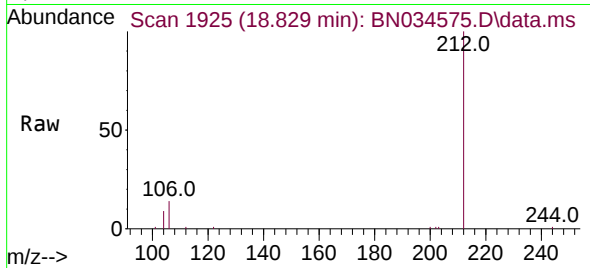




#27
Fluoranthene-d10
Concen: 0.007 ng
RT: 18.829 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

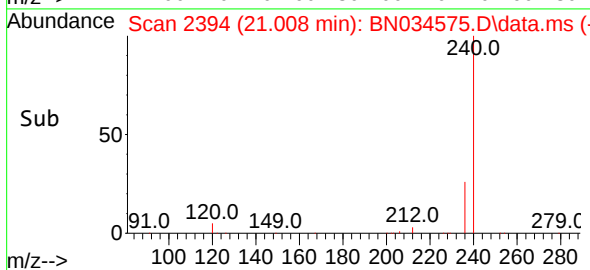
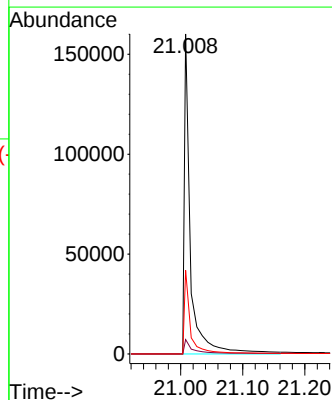
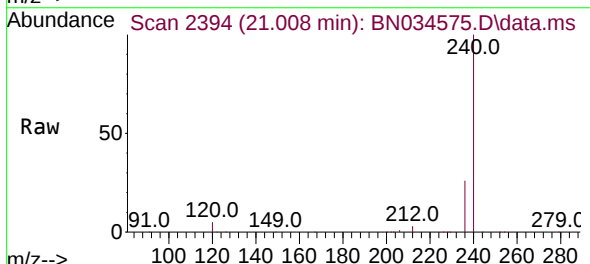
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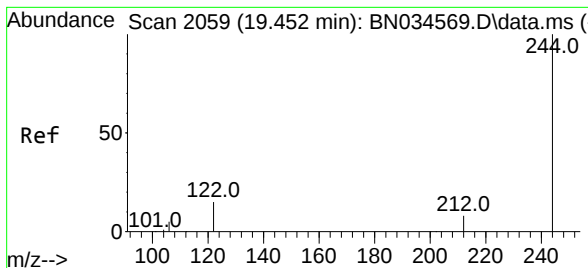
Tgt Ion:212 Resp: 15964
Ion Ratio Lower Upper
212 100
106 13.8 11.1 16.7
104 8.2 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

Tgt Ion:240 Resp: 123868
Ion Ratio Lower Upper
240 100
120 4.5 10.1 15.1#
236 26.1 22.6 34.0

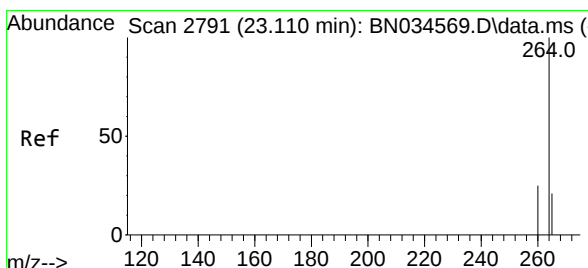
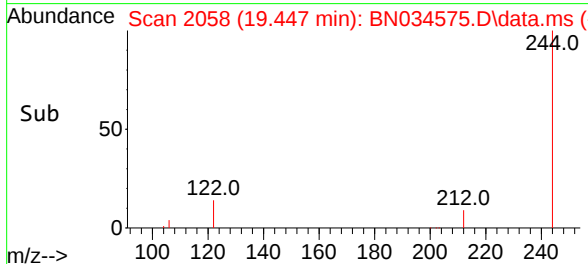
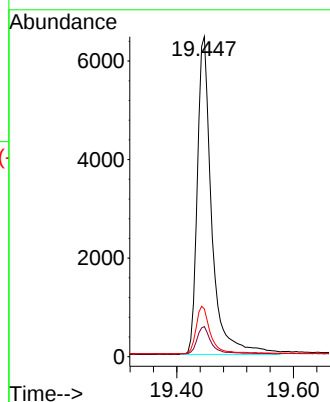
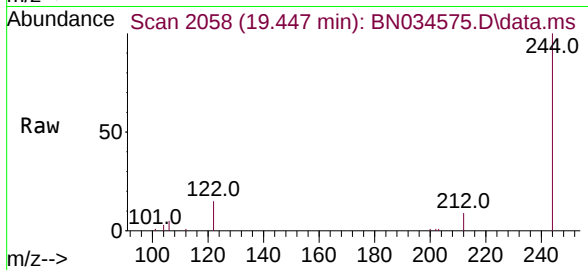




#31
Terphenyl-d14
Concen: 0.213 ng
RT: 19.447 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

Instrument :
BNA_N
ClientSampleId :
PB163828BL

Tgt Ion:244 Resp: 11070
Ion Ratio Lower Upper
244 100
212 9.4 7.7 11.5
122 14.9 12.6 19.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.101 min Scan# 2788
Delta R.T. -0.009 min
Lab File: BN034575.D
Acq: 14 Oct 2024 17:26

Tgt Ion:264 Resp: 610689
Ion Ratio Lower Upper
264 100
260 25.7 20.9 31.3
265 21.9 61.6 92.4#

