

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034095.D
 Acq On : 20 Sep 2024 19:55
 Operator : JU/RC
 Sample : P4003-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20240912

Quant Time: Sep 21 01:20:19 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)

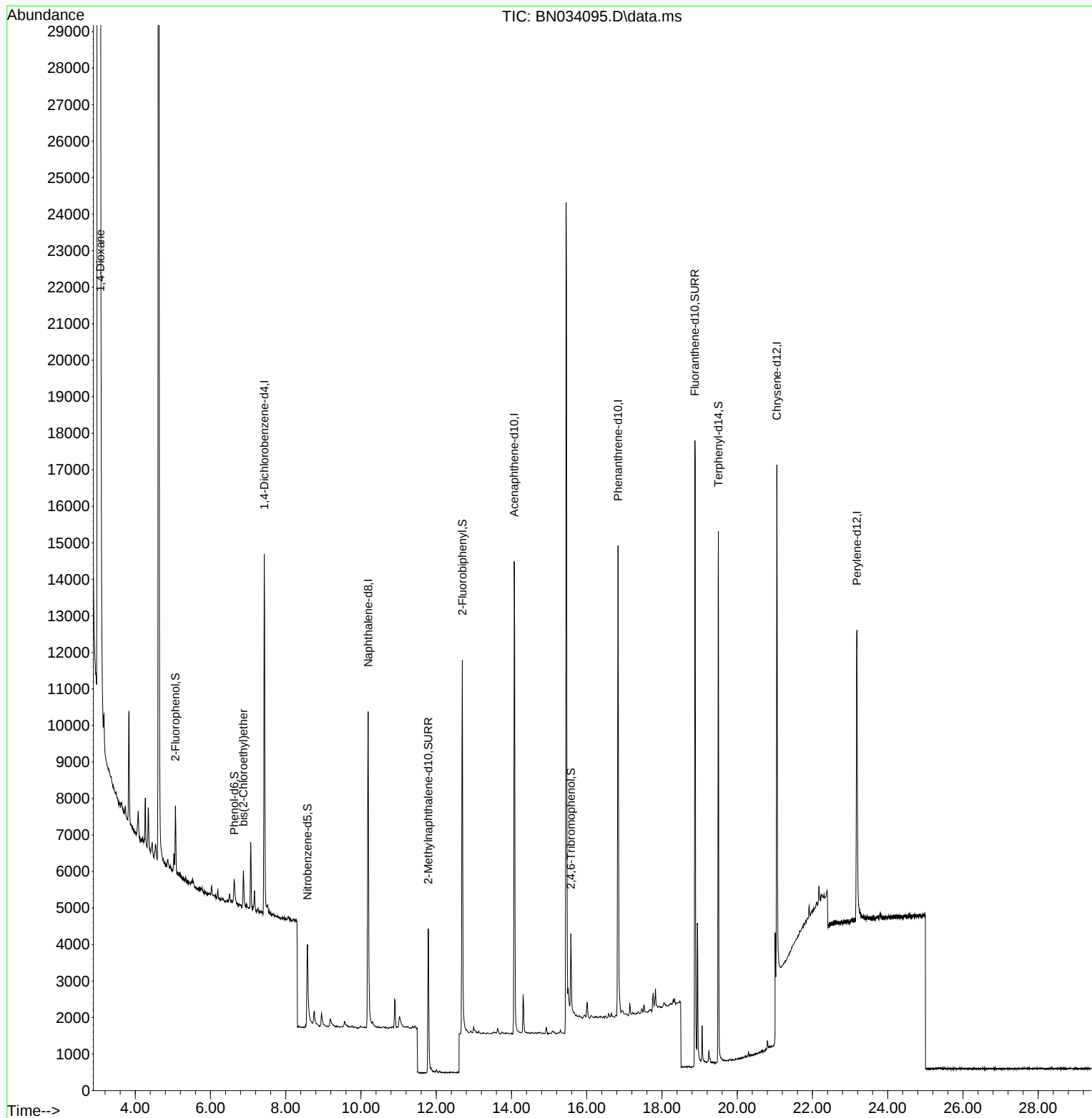
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4603	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	12880	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	7819	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17235	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	13336	0.400	ng	0.00
35) Perylene-d12	23.180	264	11229	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1391	0.106	ng	0.00
5) Phenol-d6	6.629	99	771	0.051	ng	0.00
8) Nitrobenzene-d5	8.578	82	2684	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	6091	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	921	0.260	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	9848	0.310	ng	0.00
27) Fluoranthene-d10	18.876	212	19357	0.445	ng	-0.01
31) Terphenyl-d14	19.498	244	13114	0.492	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	22250	3.866	ng	# 87
6) bis(2-Chloroethyl)ether	6.874	93	701	0.052	ng	96

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

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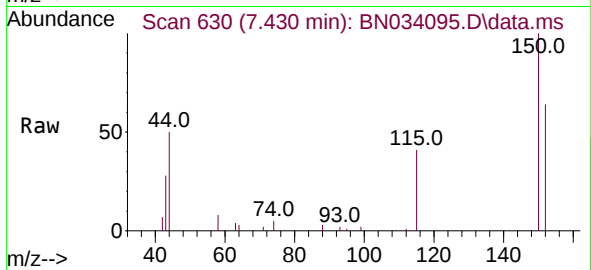
Quant Time: Sep 21 01:20:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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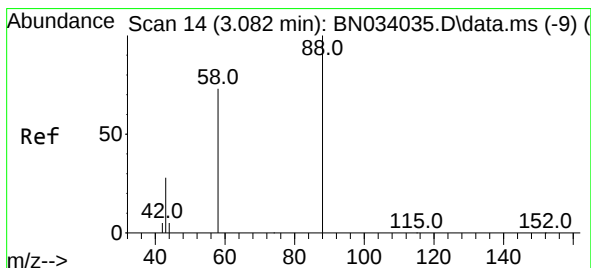
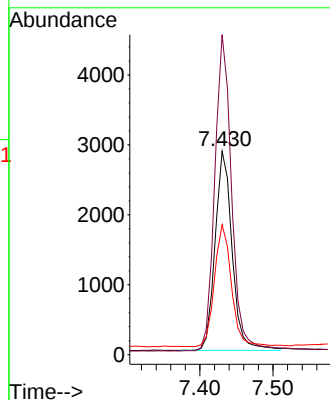
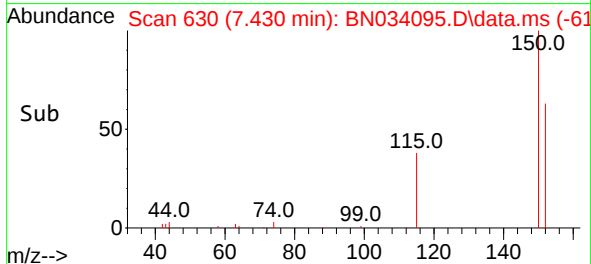


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

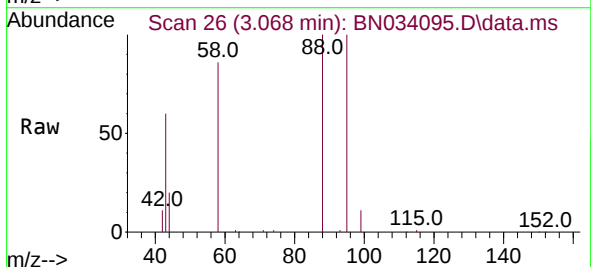
Instrument :
BNA_N
ClientSampleId :
RE105D2-20240912



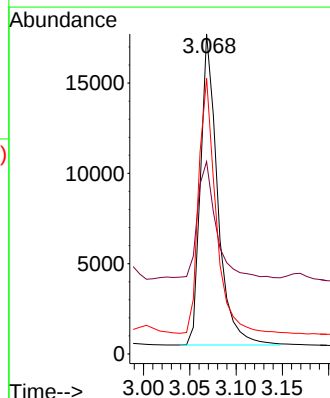
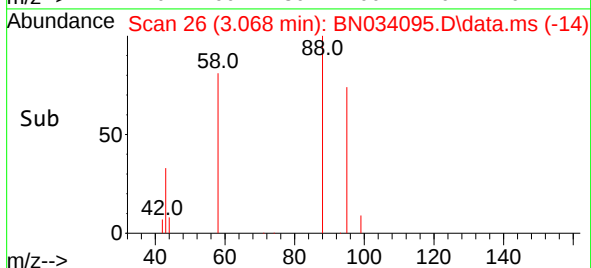
Tgt Ion:152 Resp: 4603
Ion Ratio Lower Upper
152 100
150 157.3 124.6 187.0
115 63.9 50.0 75.0



#2
1,4-Dioxane
Concen: 3.866 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55



Tgt Ion: 88 Resp: 22250
Ion Ratio Lower Upper
88 100
43 41.9 25.8 38.8#
58 82.7 58.8 88.2





#4

2-Fluorophenol

Concen: 0.106 ng

RT: 5.069 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN034095.D

Acq: 20 Sep 2024 19:55

Instrument :

BNA_N

ClientSampleId :

RE105D2-20240912

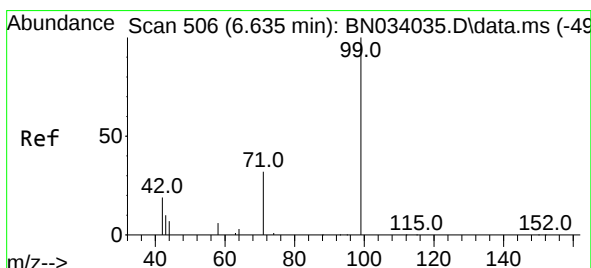
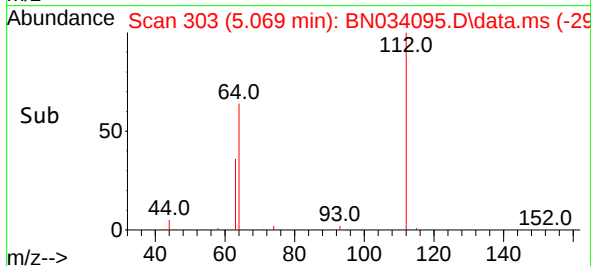
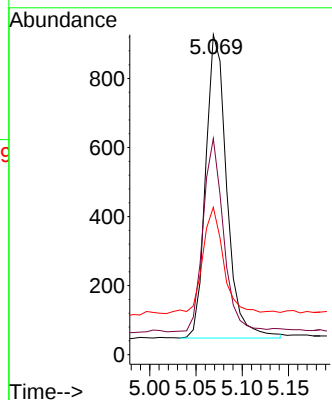
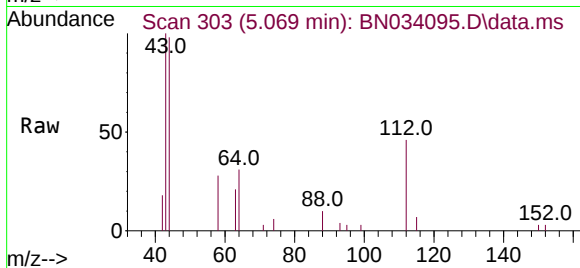
Tgt Ion:112 Resp: 1391

Ion Ratio Lower Upper

112 100

64 61.6 48.6 72.8

63 35.2 25.6 38.4



#5

Phenol-d6

Concen: 0.051 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034095.D

Acq: 20 Sep 2024 19:55

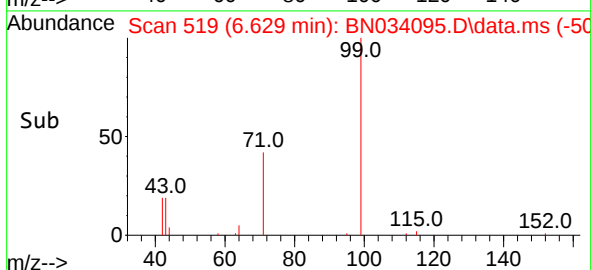
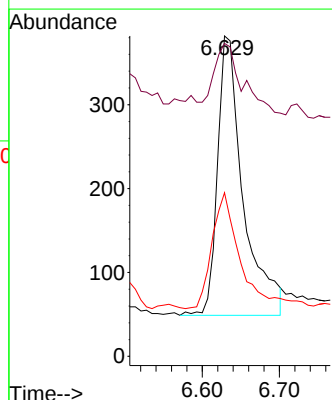
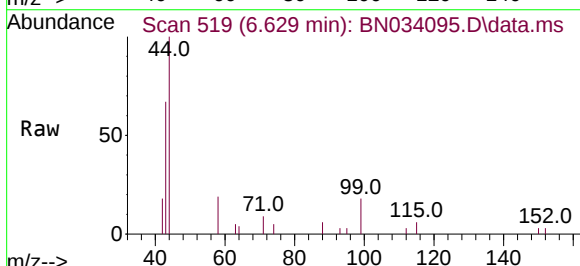
Tgt Ion: 99 Resp: 771

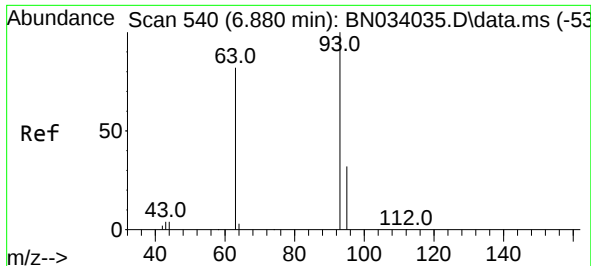
Ion Ratio Lower Upper

99 100

42 26.8 17.8 26.8#

71 44.2 26.2 39.2#

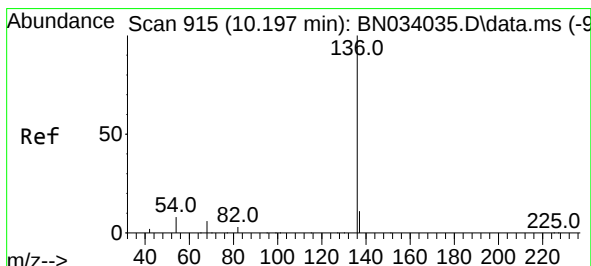
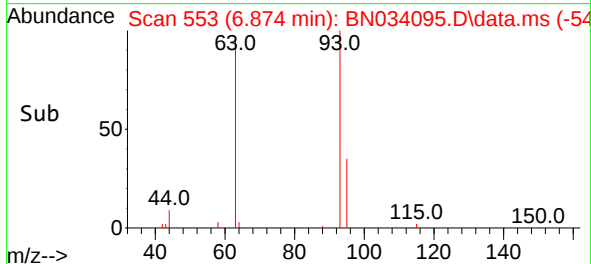
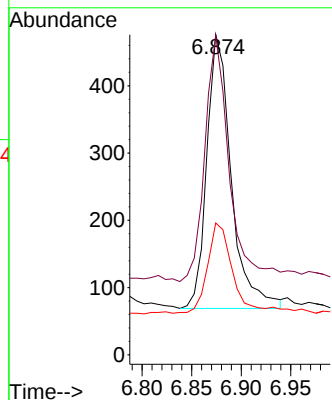
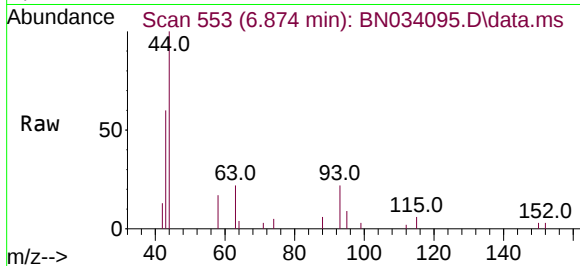




#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 6.874 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

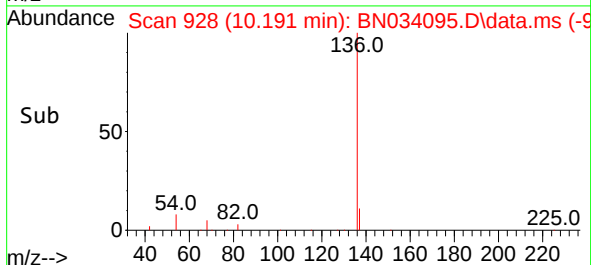
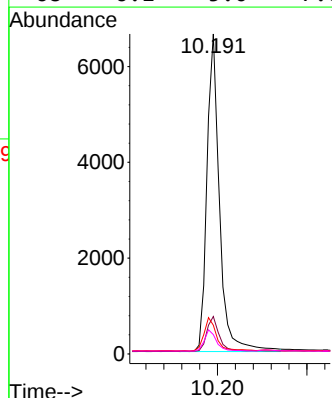
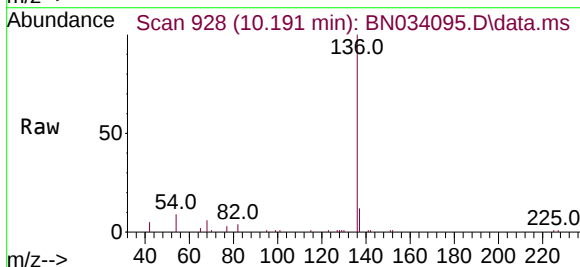
Instrument :
BNA_N
ClientSampleId :
RE105D2-20240912

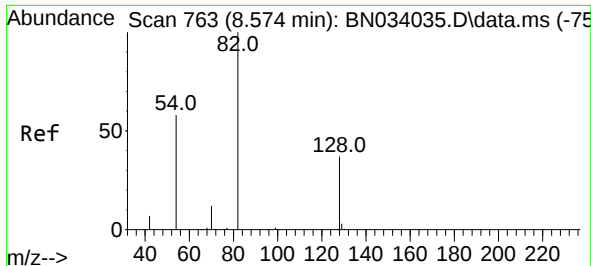
Tgt Ion:	93	Resp:	701
Ion	Ratio	Lower	Upper
93	100		
63	89.4	67.3	100.9
95	33.4	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

Tgt Ion:	136	Resp:	12880
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	9.0	6.8	10.2
68	6.1	5.0	7.6

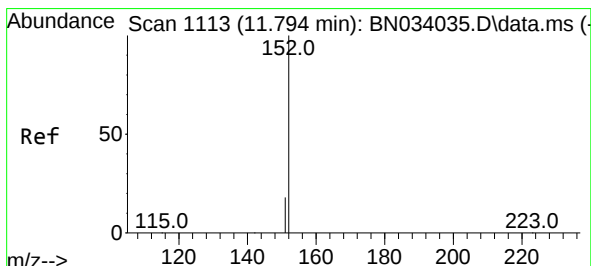
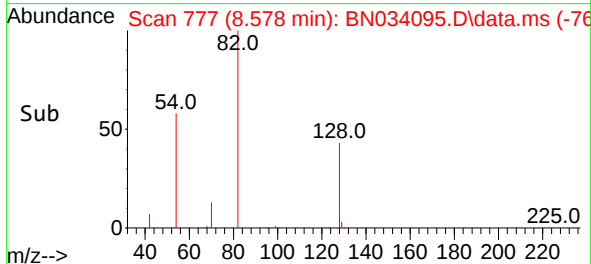
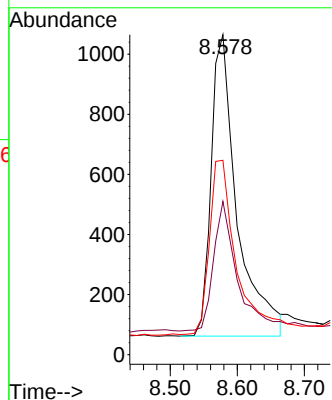
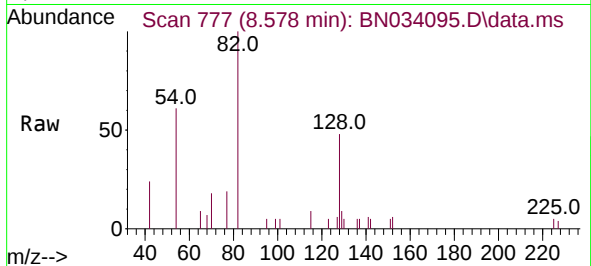




#8
 Nitrobenzene-d5
 Concen: 0.272 ng
 RT: 8.578 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: BN034095.D
 Acq: 20 Sep 2024 19:55

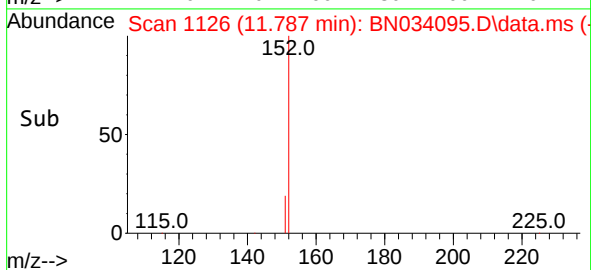
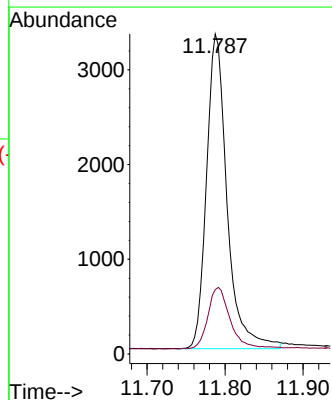
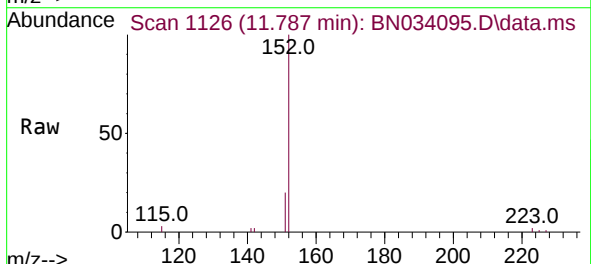
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20240912

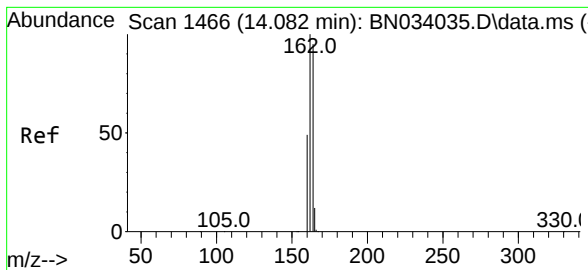
Tgt Ion: 82 Resp: 2684
 Ion Ratio Lower Upper
 82 100
 128 47.9 31.4 47.2#
 54 60.8 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.320 ng
 RT: 11.787 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: BN034095.D
 Acq: 20 Sep 2024 19:55

Tgt Ion: 152 Resp: 6091
 Ion Ratio Lower Upper
 152 100
 151 21.3 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: BN034095.D

Acq: 20 Sep 2024 19:55

Instrument :

BNA_N

ClientSampleId :

RE105D2-20240912

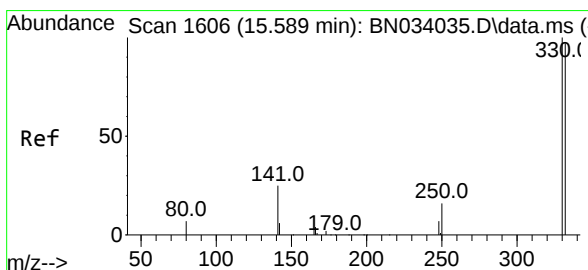
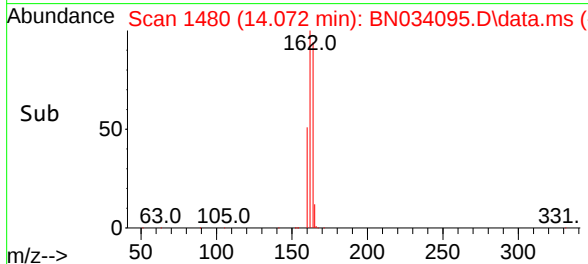
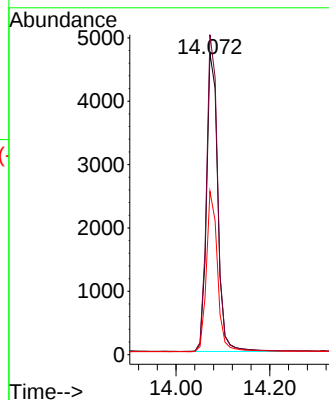
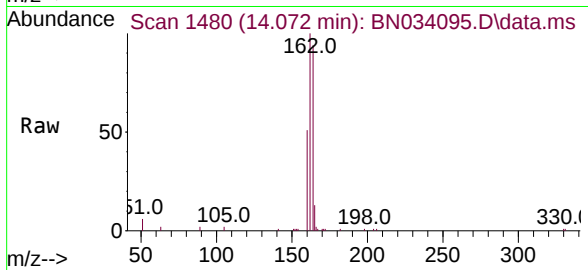
Tgt Ion:164 Resp: 7819

Ion Ratio Lower Upper

164 100

162 106.1 84.2 126.2

160 54.2 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.260 ng

RT: 15.579 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034095.D

Acq: 20 Sep 2024 19:55

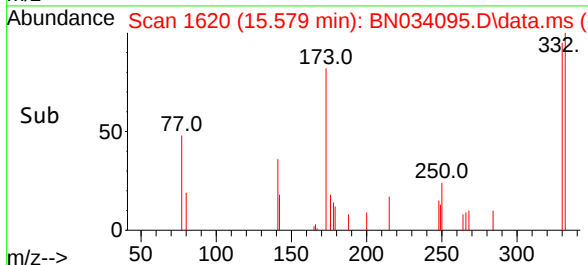
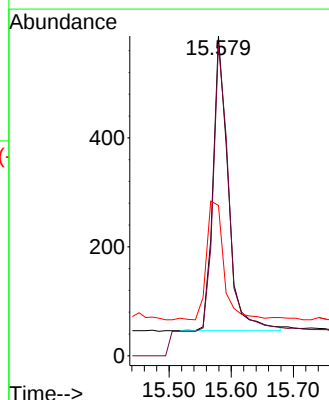
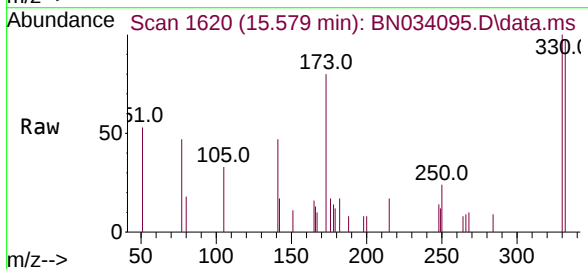
Tgt Ion:330 Resp: 921

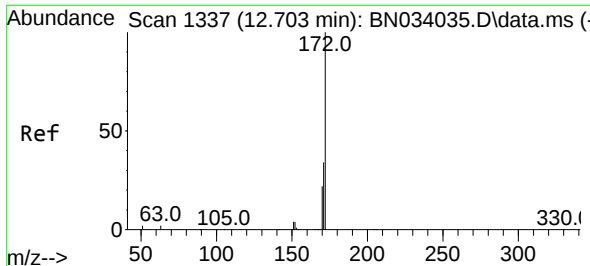
Ion Ratio Lower Upper

330 100

332 99.0 77.4 116.0

141 46.4 35.9 53.9

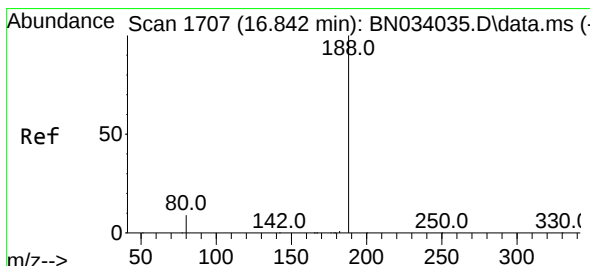
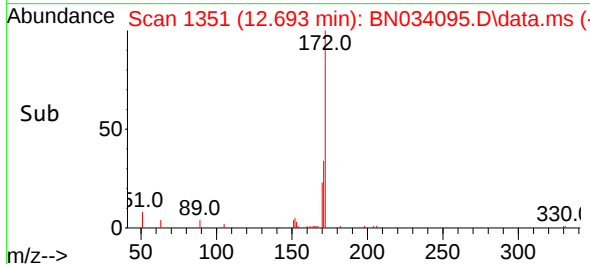
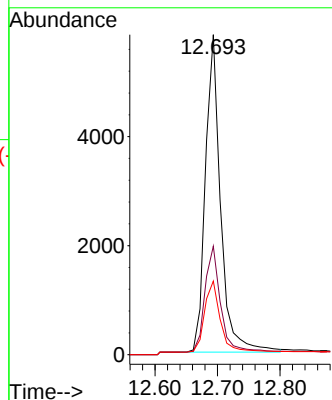
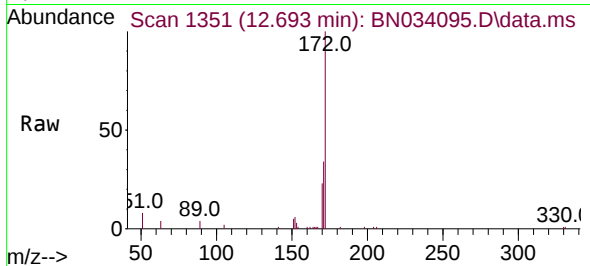




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

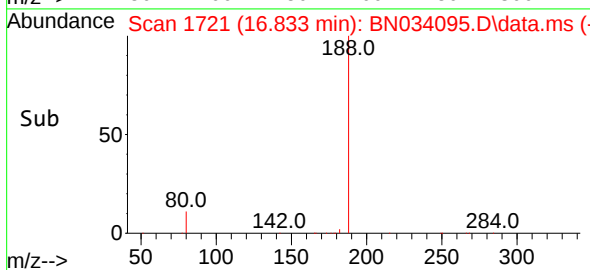
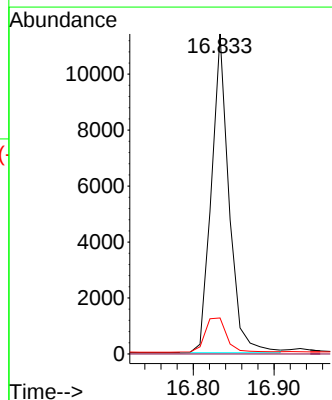
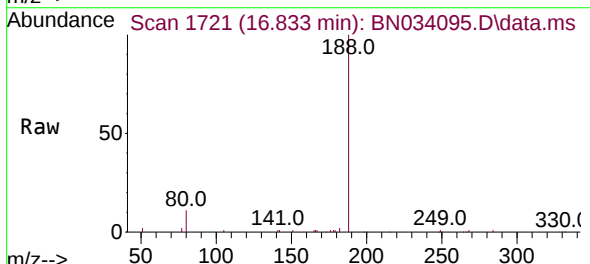
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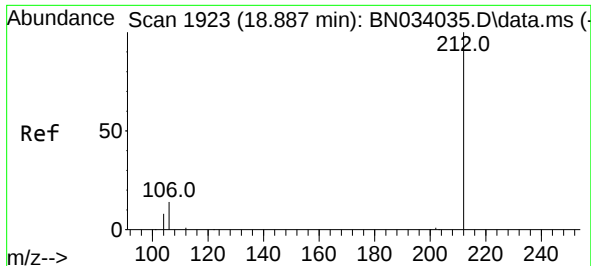
Tgt Ion:172 Resp: 9848
Ion Ratio Lower Upper
172 100
171 33.9 27.3 40.9
170 23.0 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

Tgt Ion:188 Resp: 17235
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.0#

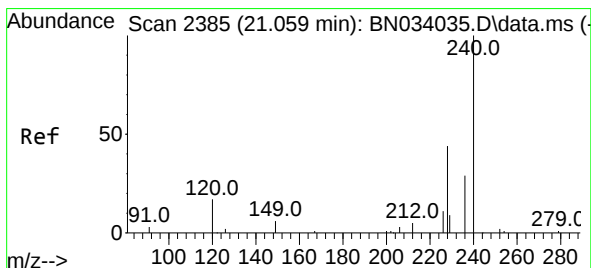
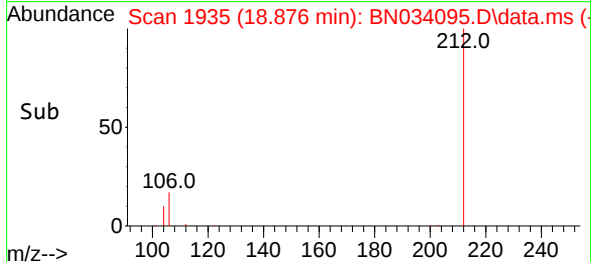
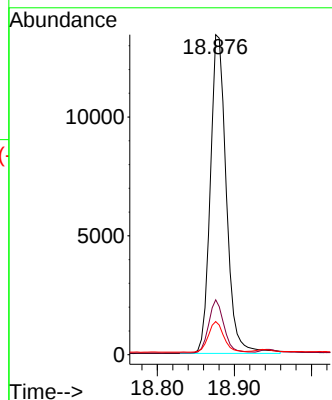
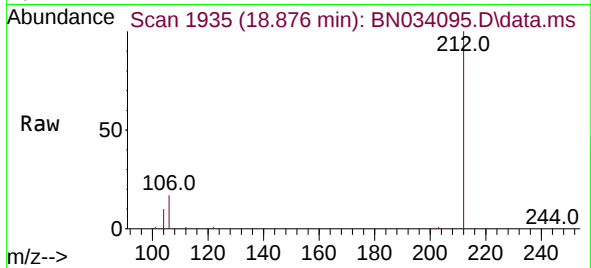




#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

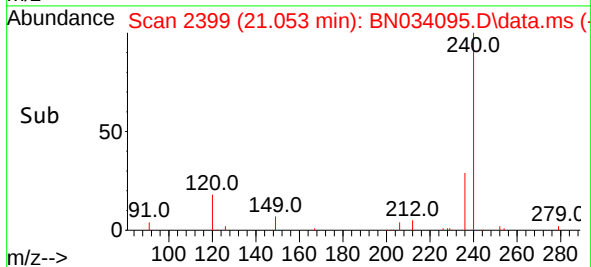
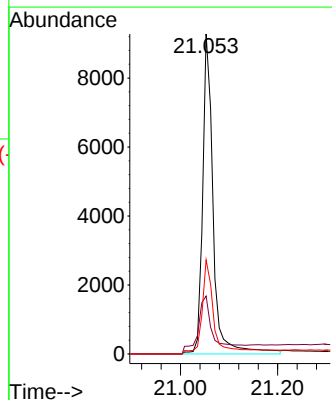
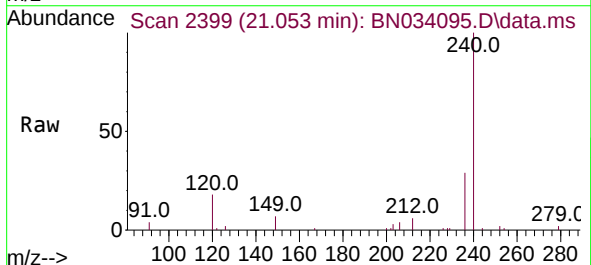
Instrument :
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RE105D2-20240912

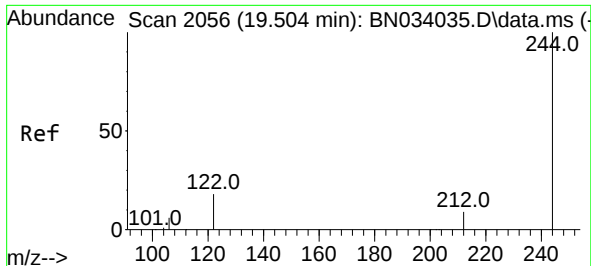
Tgt Ion:212 Resp: 19357
Ion Ratio Lower Upper
212 100
106 16.0 13.4 20.2
104 9.1 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

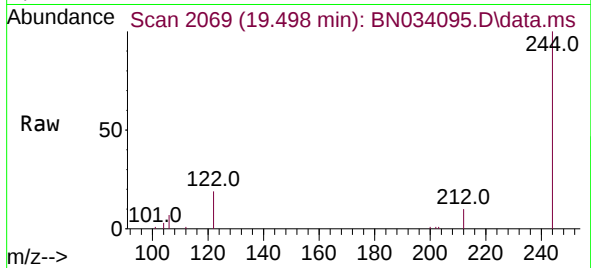
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Ion Ratio Lower Upper
240 100
120 18.1 13.5 20.3
236 29.4 23.4 35.0



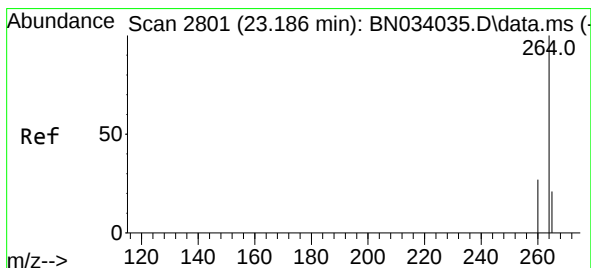
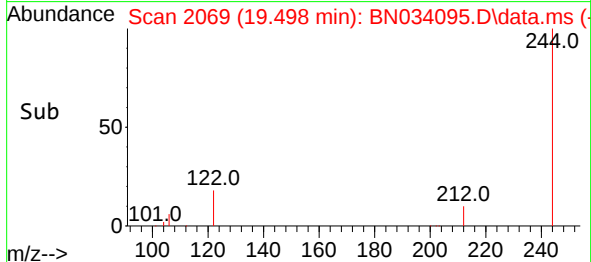
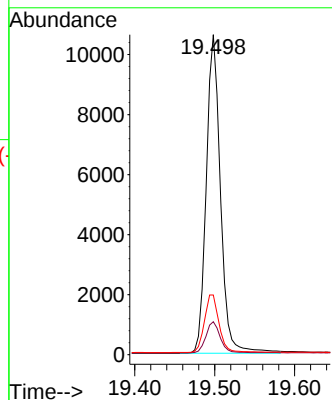


#31
Terphenyl-d14
Concen: 0.492 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

Instrument :
BNA_N
ClientSampleId :
RE105D2-20240912



Tgt Ion:244 Resp: 13114
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 18.7 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.180 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BN034095.D
Acq: 20 Sep 2024 19:55

Tgt Ion:264 Resp: 11229
Ion Ratio Lower Upper
264 100
260 26.6 21.7 32.5
265 72.0 52.1 78.1

