

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034150.D
 Acq On : 22 Sep 2024 07:12
 Operator : JU/RC
 Sample : P4116-04
 Misc :
 ALS Vial : 115 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPE04-20240916

Quant Time: Sep 23 00:04:27 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)

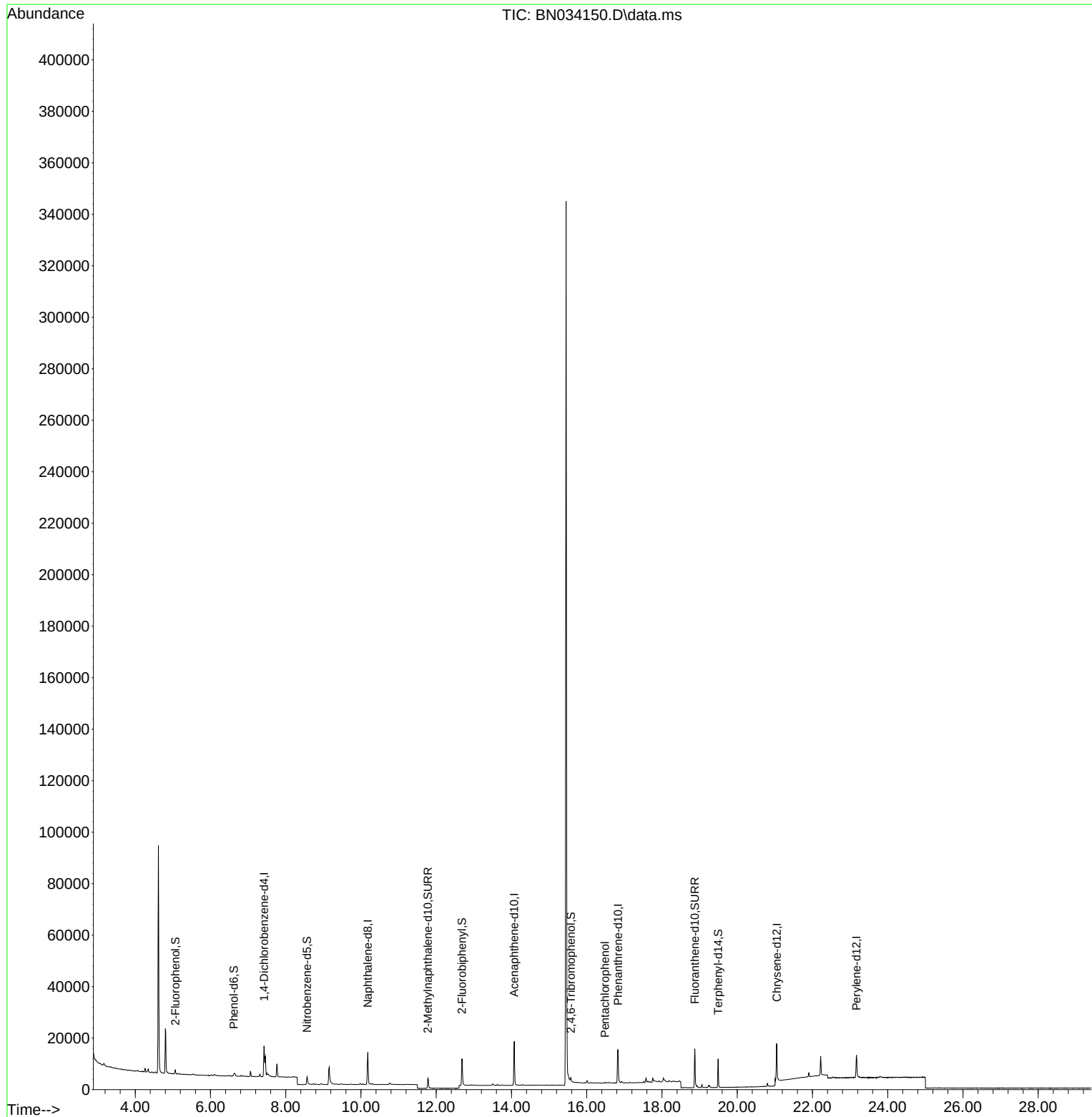
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5593	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16081	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	9448	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20554	0.400	ng	0.00
29) Chrysene-d12	21.053	240	14573	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	11500	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1220	0.077	ng	0.00
5) Phenol-d6	6.622	99	824	0.045	ng	-0.01
8) Nitrobenzene-d5	8.568	82	2985	0.243	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	5976	0.252	ng	-0.01
14) 2,4,6-Tribromophenol	15.579	330	816	0.191	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	10177	0.265	ng	-0.02
27) Fluoranthene-d10	18.871	212	16226	0.313	ng	-0.02
31) Terphenyl-d14	19.494	244	10324	0.355	ng	-0.01
Target Compounds						
24) Pentachlorophenol	16.486	266	198	0.046	ng	Qvalue 96

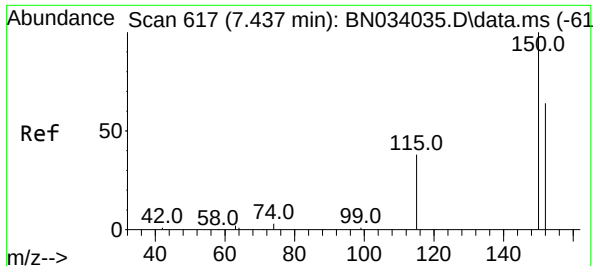
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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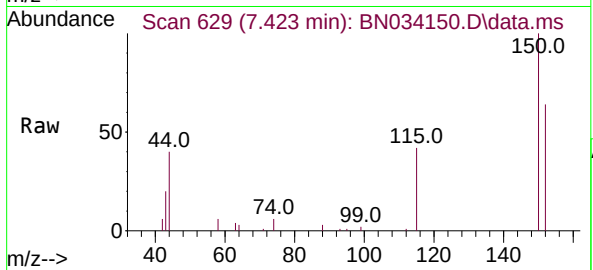
Quant Time: Sep 23 00:04:27 2024
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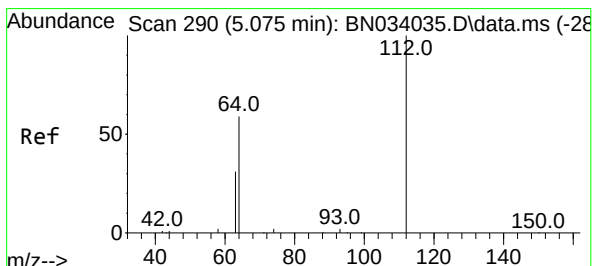
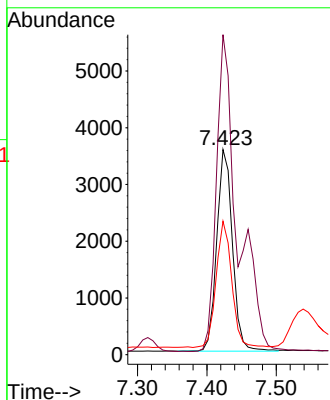
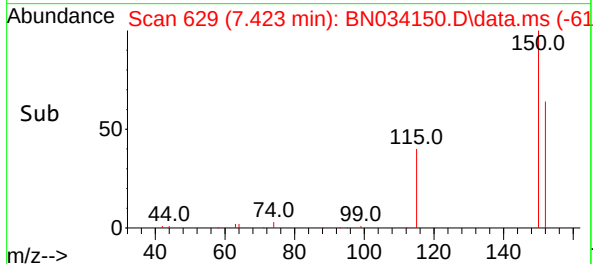


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

Instrument :
BNA_N
ClientSampleId :
DUPE04-20240916

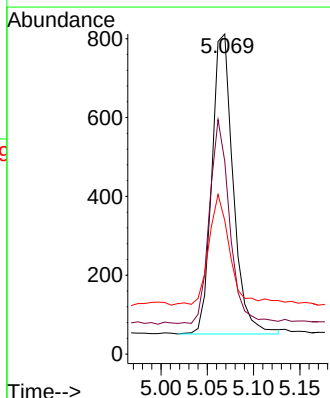
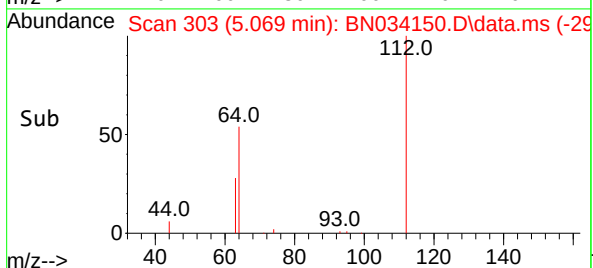
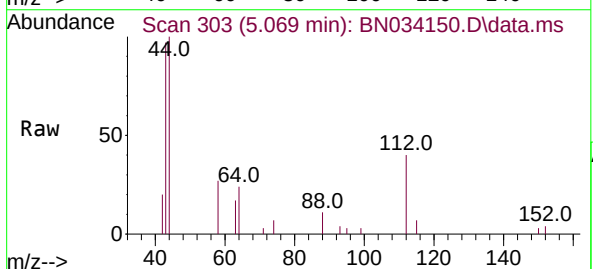


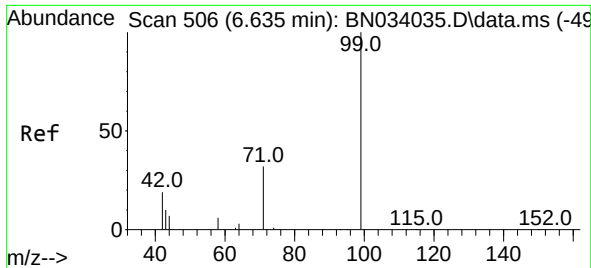
Tgt Ion:152 Resp: 5593
Ion Ratio Lower Upper
152 100
150 156.0 124.6 187.0
115 65.1 50.0 75.0



#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

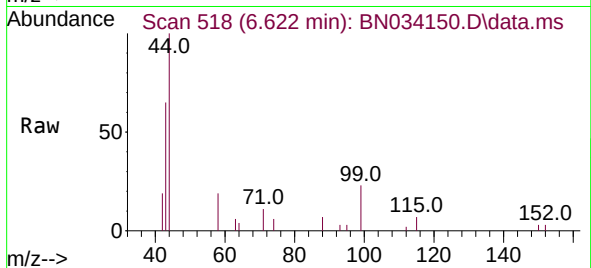
Tgt Ion:112 Resp: 1220
Ion Ratio Lower Upper
112 100
64 63.9 48.6 72.8
63 37.3 25.6 38.4



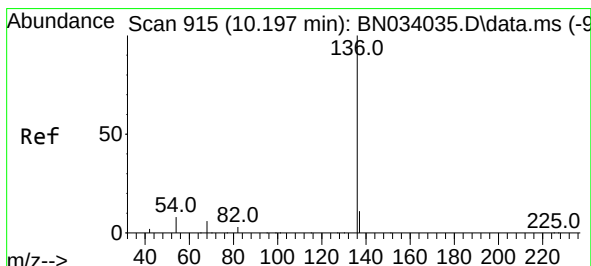
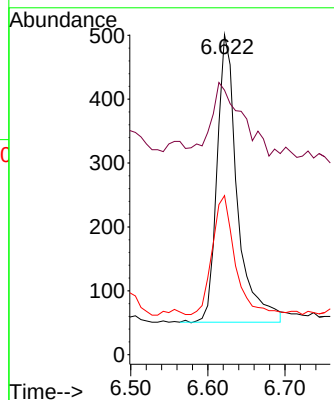
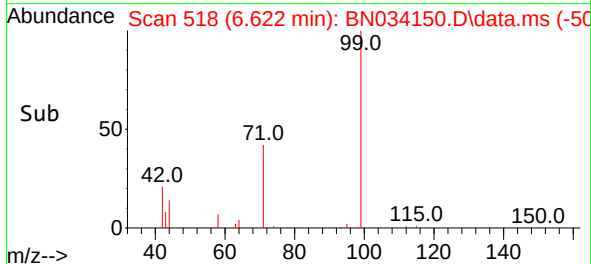


#5
Phenol-d6
Concen: 0.045 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

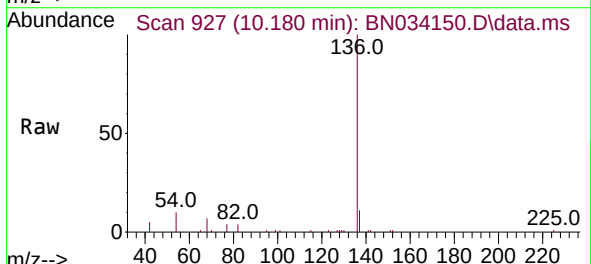
Instrument :
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DUPE04-20240916



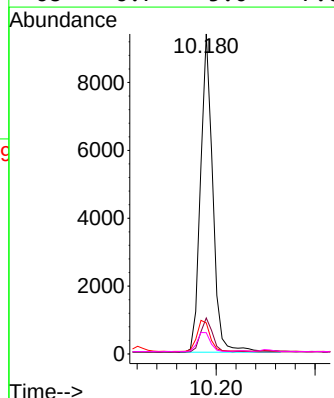
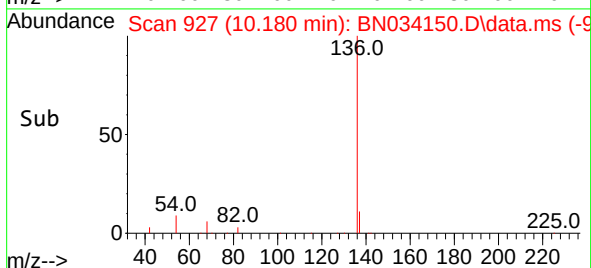
Tgt Ion: 99 Resp: 824
Ion Ratio Lower Upper
99 100
42 35.7 17.8 26.8#
71 46.0 26.2 39.2#

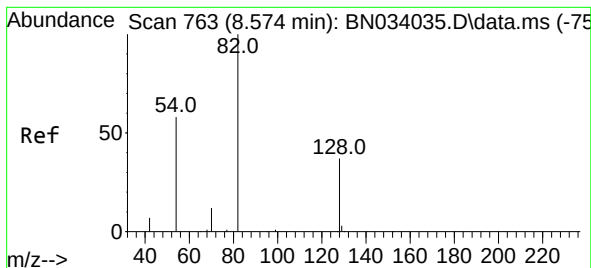


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12



Tgt Ion: 136 Resp: 16081
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 6.8 10.2
68 6.7 5.0 7.6





#8

Nitrobenzene-d5

Concen: 0.243 ng

RT: 8.568 min Scan# 71

Delta R.T. -0.006 min

Lab File: BN034150.D

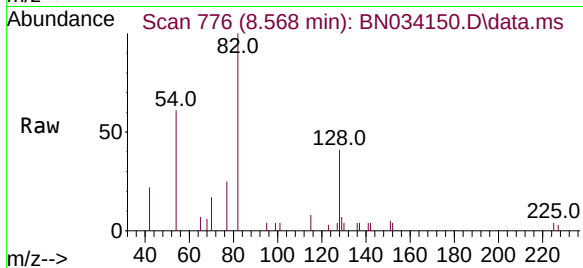
Acq: 22 Sep 2024 07:12

Instrument :

BNA_N

ClientSampleId :

DUPE04-20240916



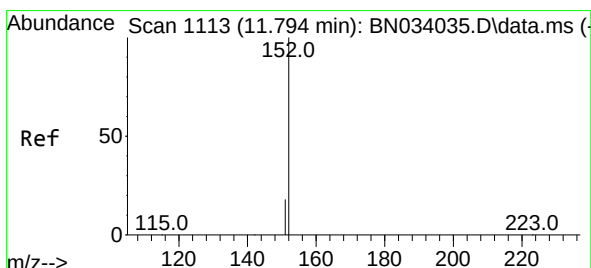
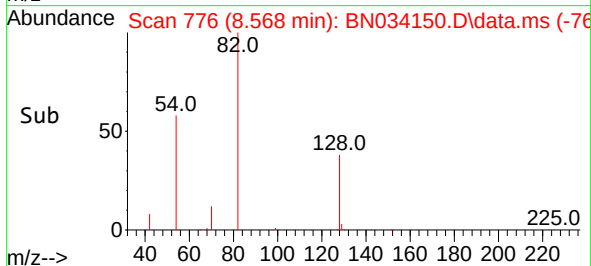
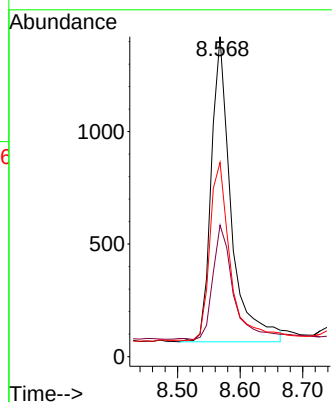
Tgt Ion: 82 Resp: 2985

Ion Ratio Lower Upper

82 100

128 41.1 31.4 47.2

54 60.7 47.4 71.0



#11

2-Methylnaphthalene-d10

Concen: 0.252 ng

RT: 11.780 min Scan# 1124

Delta R.T. -0.014 min

Lab File: BN034150.D

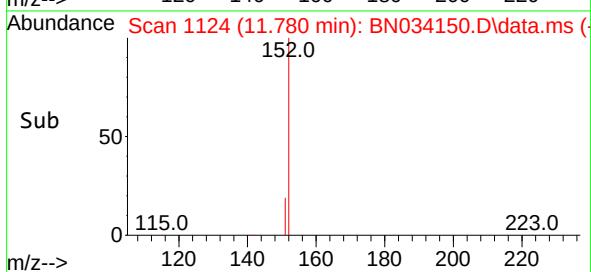
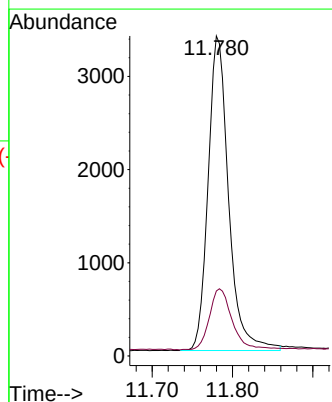
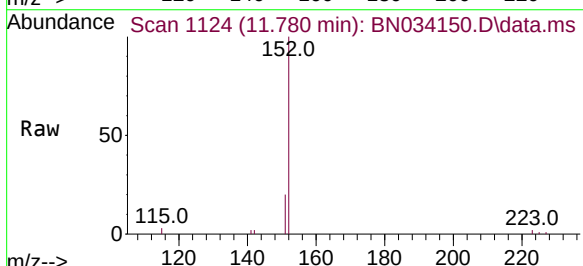
Acq: 22 Sep 2024 07:12

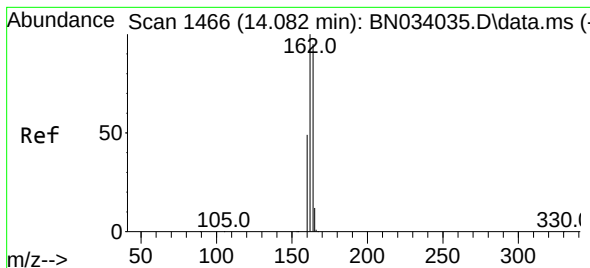
Tgt Ion: 152 Resp: 5976

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.072 min Scan# 1466

Delta R.T. -0.009 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

Instrument :

BNA_N

ClientSampleId :

DUPE04-20240916

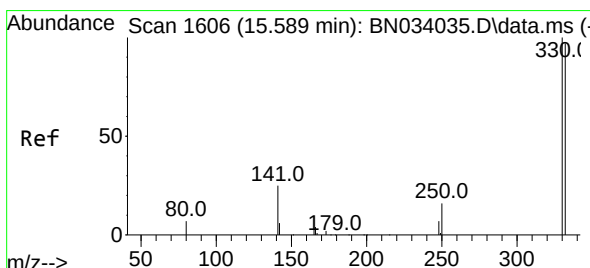
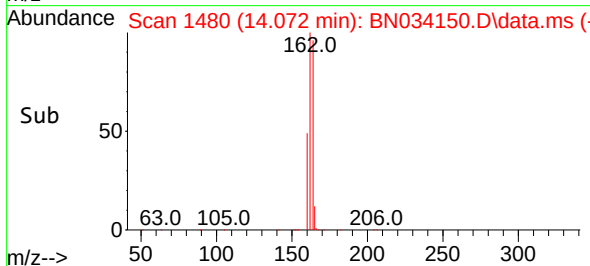
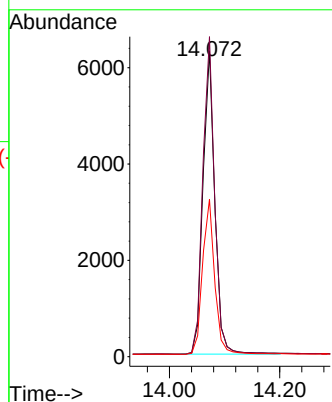
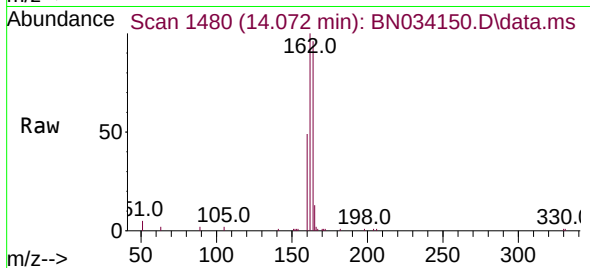
Tgt Ion:164 Resp: 9448

Ion Ratio Lower Upper

164 100

162 104.6 84.2 126.2

160 51.5 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.191 ng

RT: 15.579 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

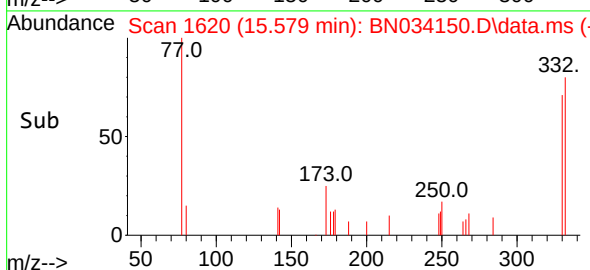
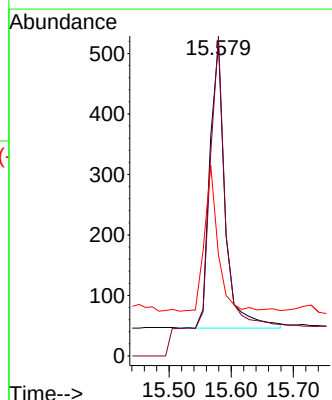
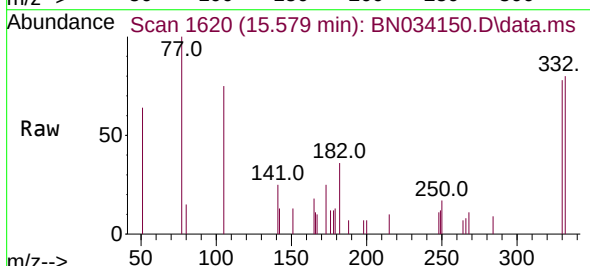
Tgt Ion:330 Resp: 816

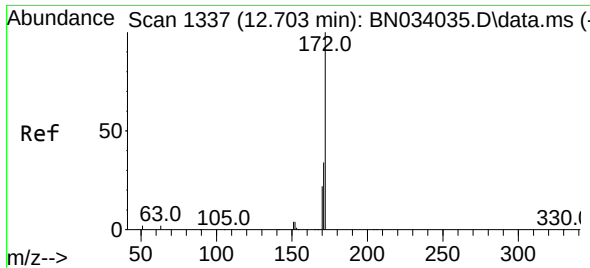
Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.0

141 45.0 35.9 53.9

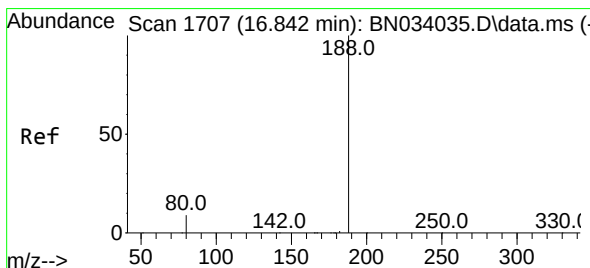
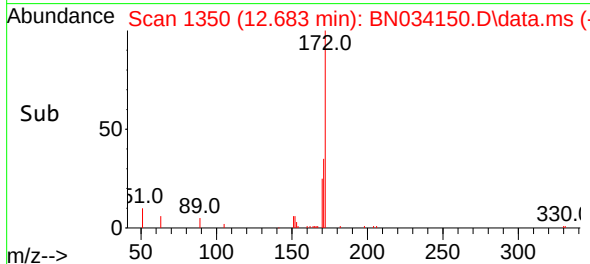
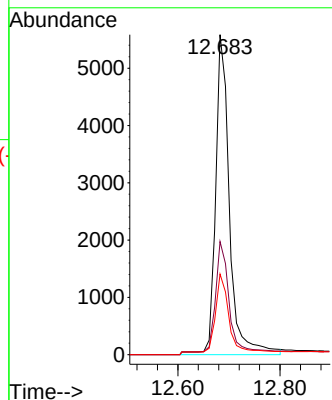
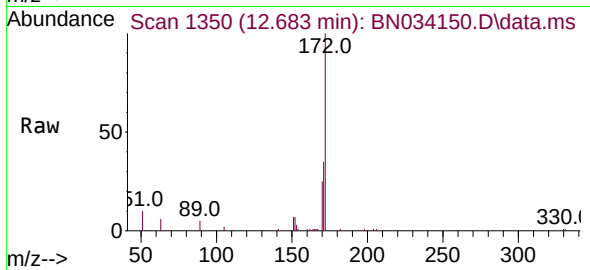




#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.683 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

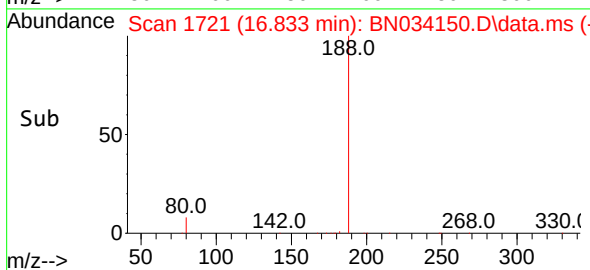
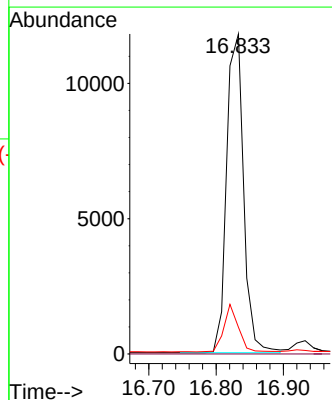
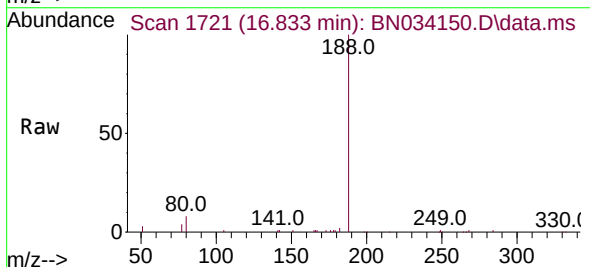
Instrument :
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DUPE04-20240916

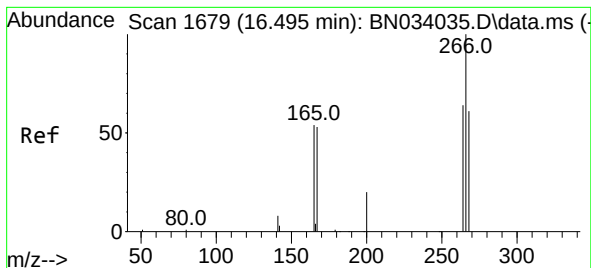
Tgt Ion:172 Resp: 10177
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 25.2 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

Tgt Ion:188 Resp: 20554
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 7.4 11.0





#24

Pentachlorophenol

Concen: 0.046 ng

RT: 16.486 min Scan# 1693

Delta R.T. -0.009 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

Instrument :

BNA_N

ClientSampleId :

DUPE04-20240916

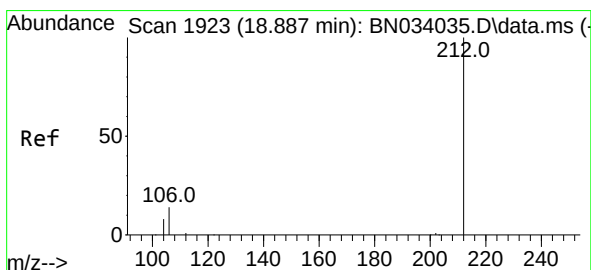
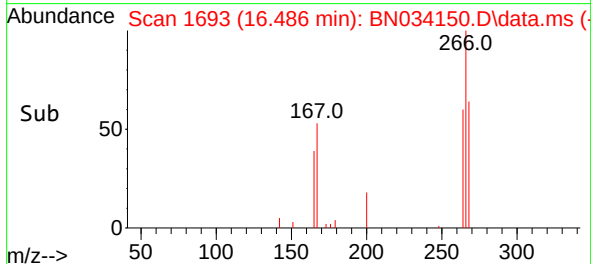
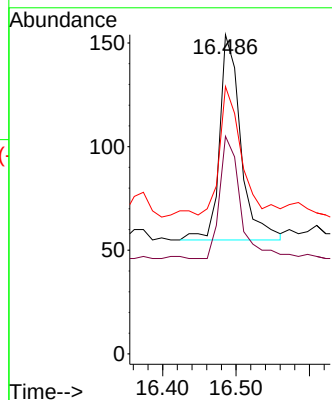
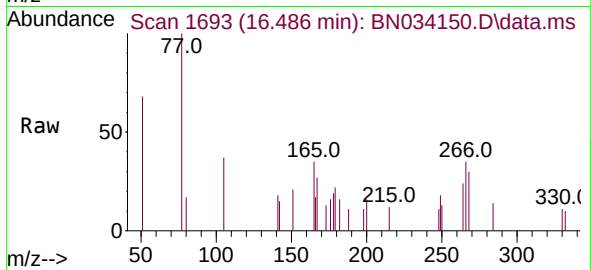
Tgt Ion:266 Resp: 198

Ion Ratio Lower Upper

266 100

264 59.1 50.2 75.2

268 65.7 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.313 ng

RT: 18.871 min Scan# 1934

Delta R.T. -0.016 min

Lab File: BN034150.D

Acq: 22 Sep 2024 07:12

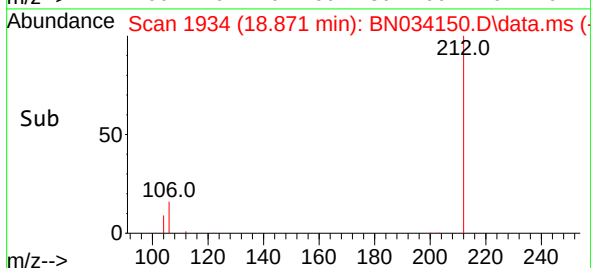
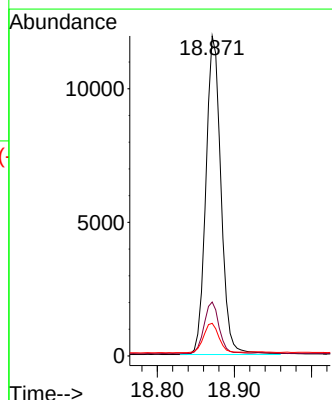
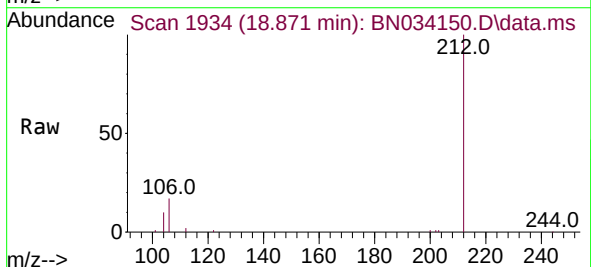
Tgt Ion:212 Resp: 16226

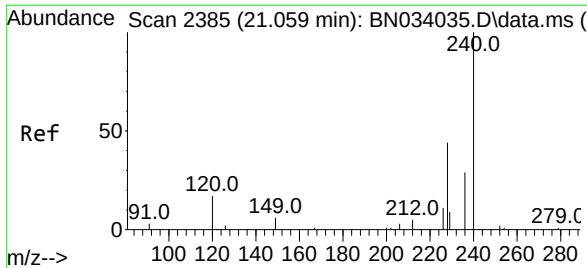
Ion Ratio Lower Upper

212 100

106 16.3 13.4 20.2

104 9.4 7.8 11.6

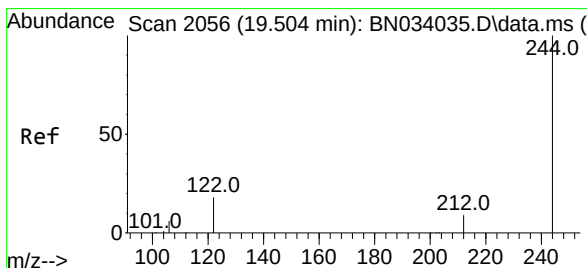
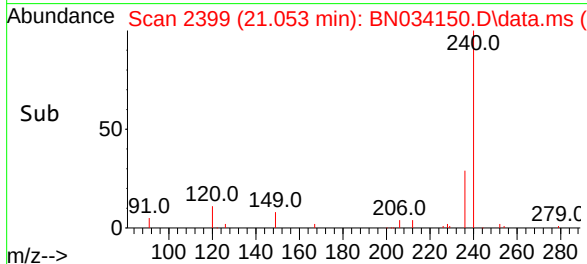
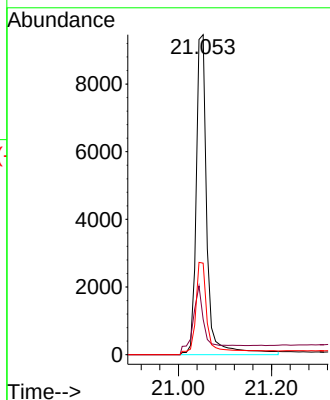
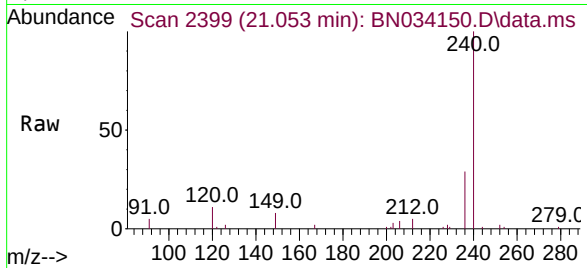




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

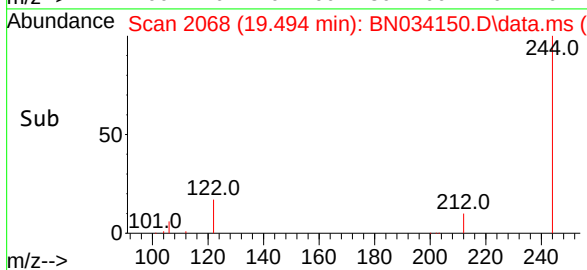
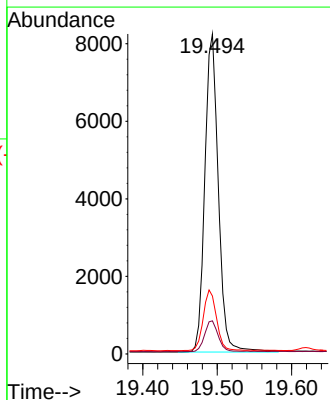
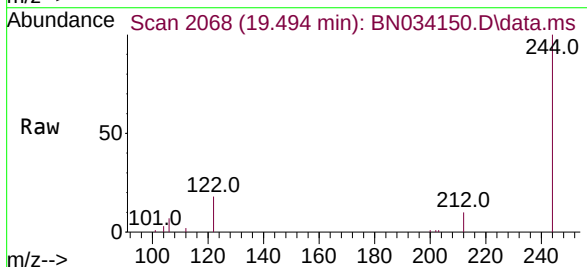
Instrument :
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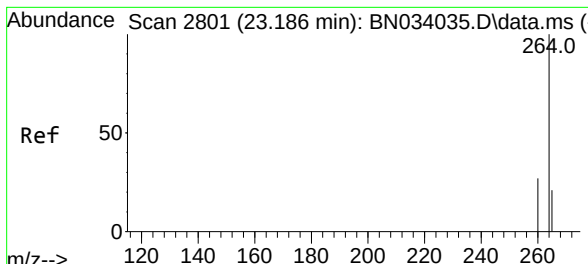
Tgt Ion:240 Resp: 14573
Ion Ratio Lower Upper
240 100
120 11.1 13.5 20.3#
236 28.6 23.4 35.0



#31
Terphenyl-d14
Concen: 0.355 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

Tgt Ion:244 Resp: 10324
Ion Ratio Lower Upper
244 100
212 10.4 7.8 11.6
122 18.1 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN034150.D
Acq: 22 Sep 2024 07:12

Instrument :
BNA_N
ClientSampleId :
DUPE04-20240916

Tgt Ion:264 Resp: 11500

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	67.1	52.1	78.1

