

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021368.D
 Acq On : 25 Aug 2022 12:14
 Operator : CG/JU
 Sample : N4245-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20220817

Quant Time: Aug 25 16:23:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

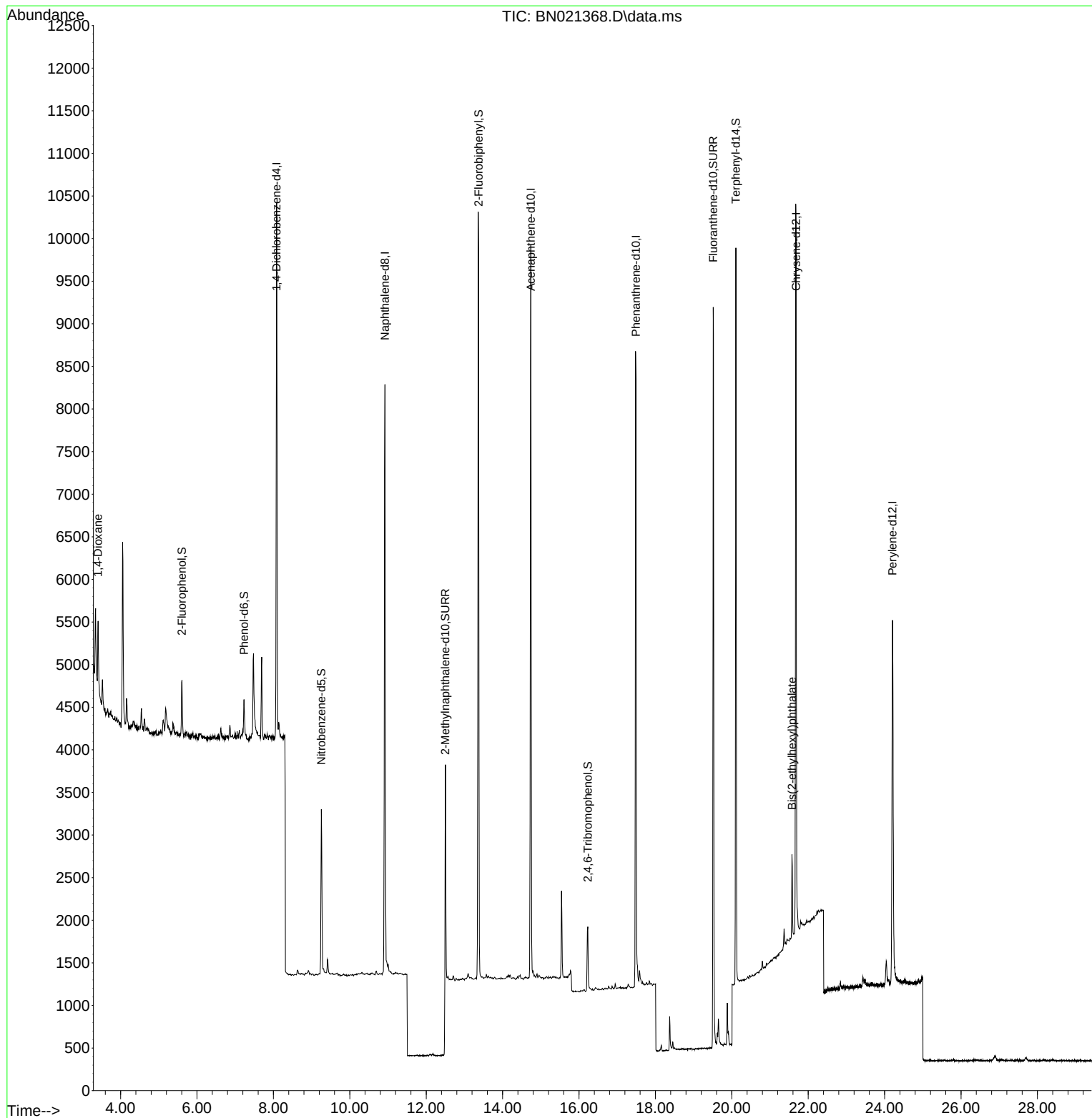
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3139	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	9574	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	5176	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	10834	0.400	ng	0.00
29) Chrysene-d12	21.682	240	8589	0.400	ng	0.00
35) Perylene-d12	24.206	264	6913	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	599	0.071	ng	0.00
5) Phenol-d6	7.231	99	411	0.039	ng	0.00
8) Nitrobenzene-d5	9.254	82	1719	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	4431	0.274	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	490	0.207	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	8596	0.371	ng	0.00
27) Fluoranthene-d10	19.514	212	9624	0.297	ng	0.00
31) Terphenyl-d14	20.106	244	7294	0.402	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	550	0.126	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.575	149	1020	0.065	ng	# 99

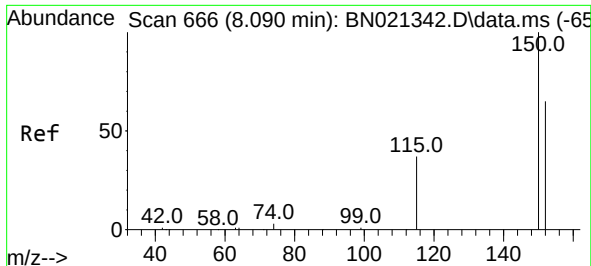
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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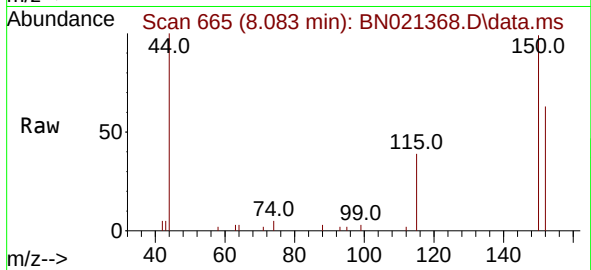
Quant Time: Aug 25 16:23:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
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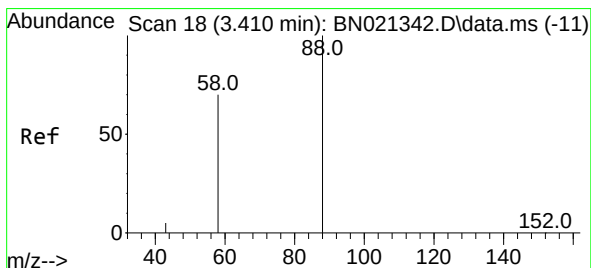
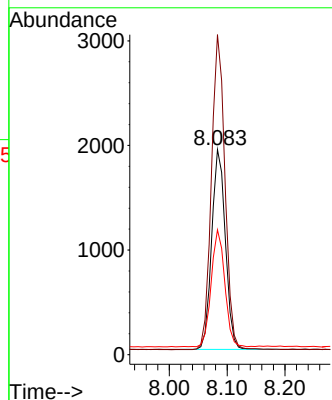
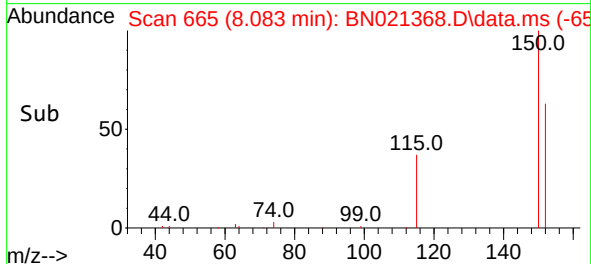


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: BN021368.D
 Acq: 25 Aug 2022 12:14

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20220817

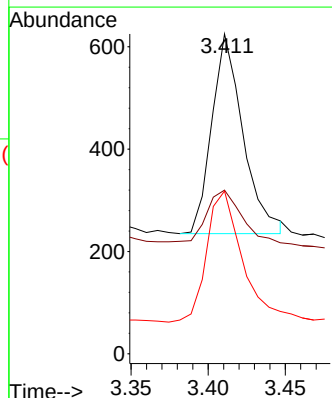
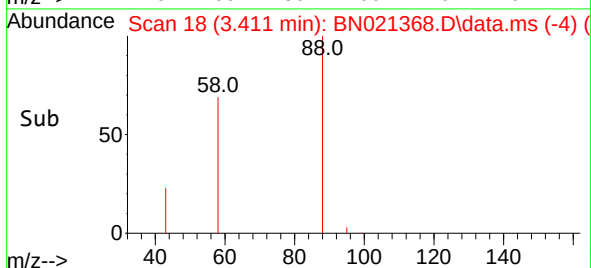
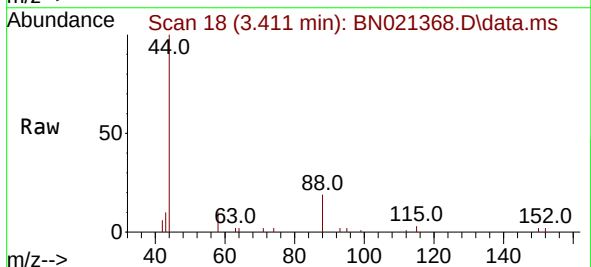


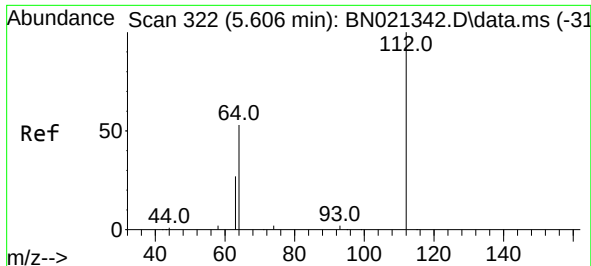
Tgt Ion:152 Resp: 3139
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.4 182.0
 115 60.8 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.126 ng
 RT: 3.411 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021368.D
 Acq: 25 Aug 2022 12:14

Tgt Ion: 88 Resp: 550
 Ion Ratio Lower Upper
 88 100
 43 28.9 35.8 53.8#
 58 74.5 57.1 85.7

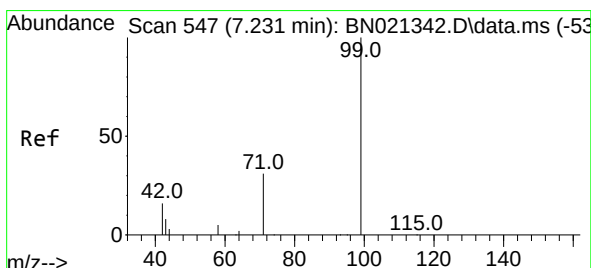
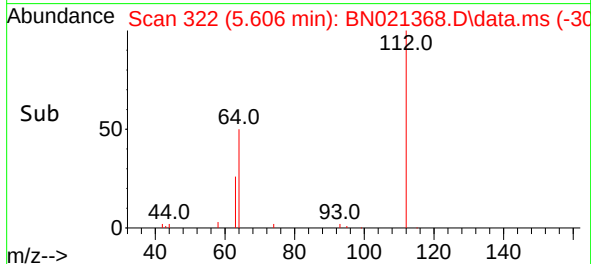
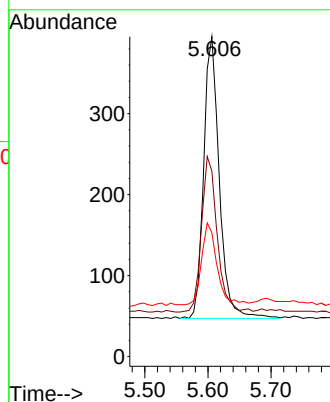
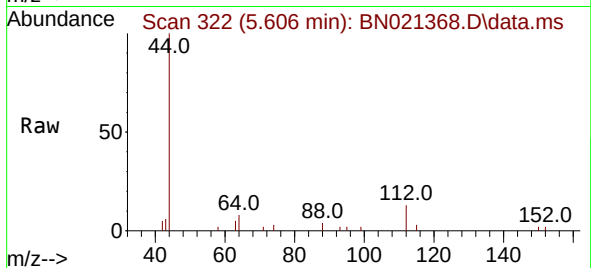




#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

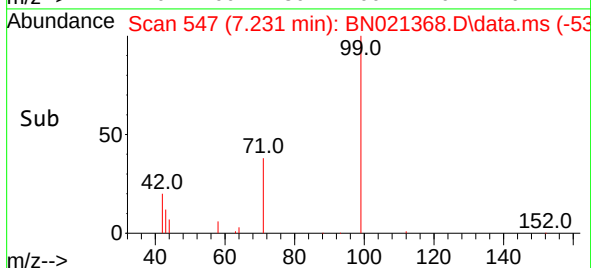
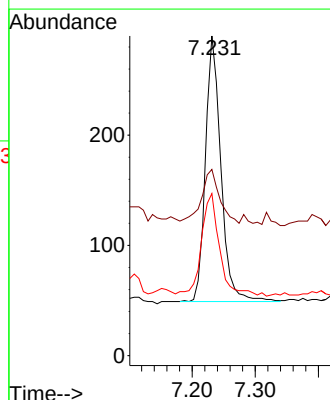
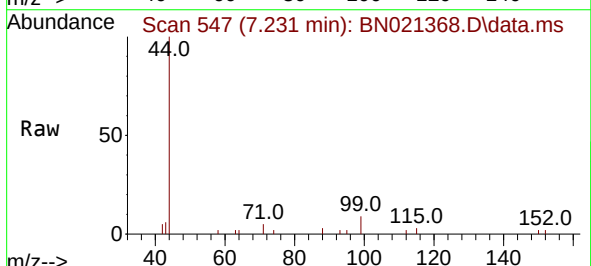
Instrument :
BNA_N
ClientSampleId :
RE126D3-20220817

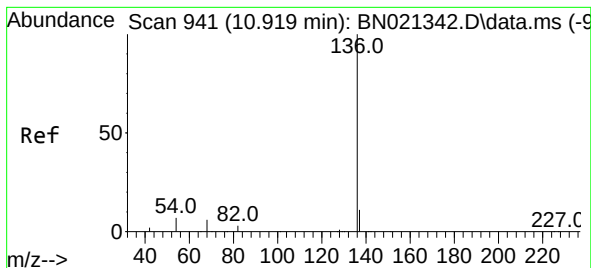
Tgt Ion:112 Resp: 599
Ion Ratio Lower Upper
112 100
64 55.3 43.5 65.3
63 28.4 22.6 34.0



#5
Phenol-d6
Concen: 0.039 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

Tgt Ion: 99 Resp: 411
Ion Ratio Lower Upper
99 100
42 23.6 15.5 23.3#
71 46.0 24.2 36.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.920 min Scan# 941

Delta R.T. 0.000 min

Lab File: BN021368.D

Acq: 25 Aug 2022 12:14

Instrument :

BNA_N

ClientSampleId :

RE126D3-20220817

Tgt Ion:136 Resp: 9574

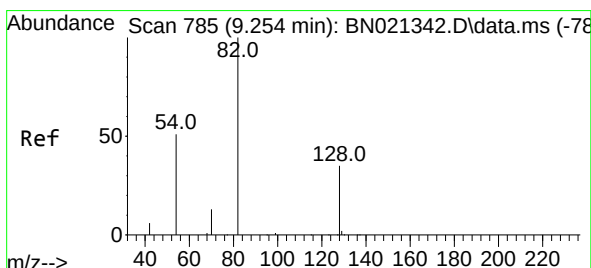
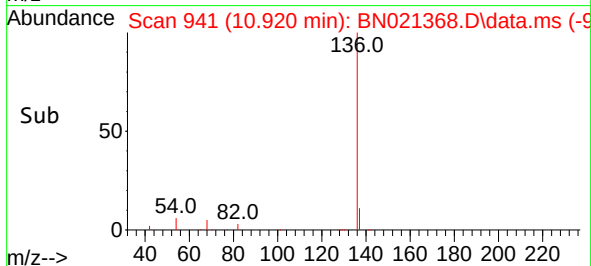
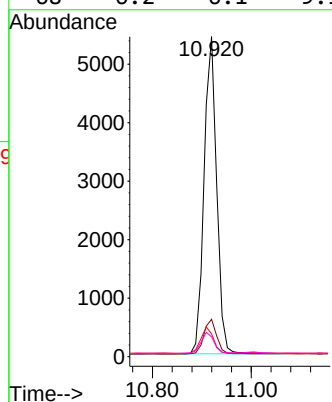
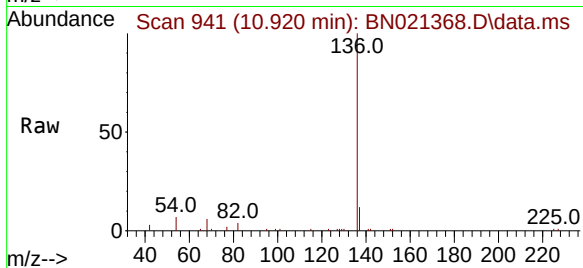
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.1 6.9 10.3

68 6.2 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.237 ng

RT: 9.254 min Scan# 785

Delta R.T. 0.000 min

Lab File: BN021368.D

Acq: 25 Aug 2022 12:14

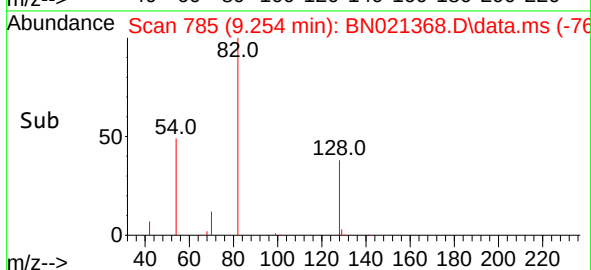
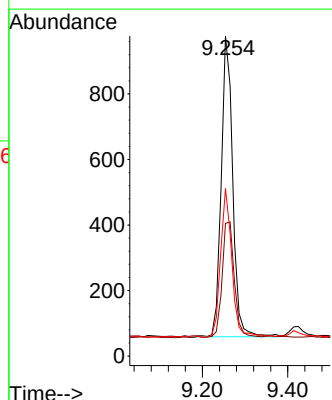
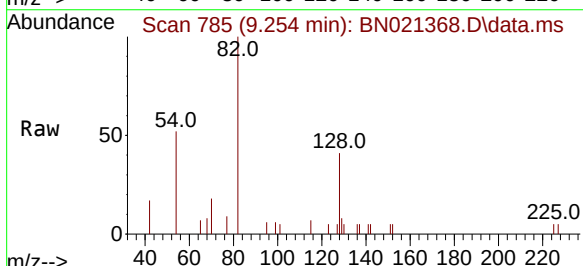
Tgt Ion: 82 Resp: 1719

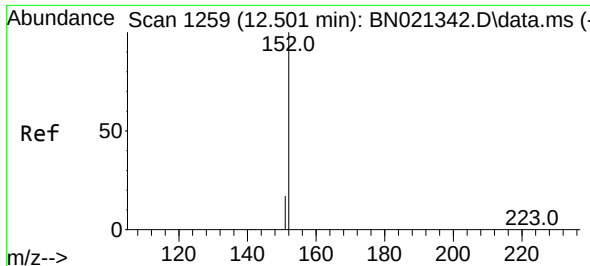
Ion Ratio Lower Upper

82 100

128 41.5 30.9 46.3

54 52.3 42.7 64.1

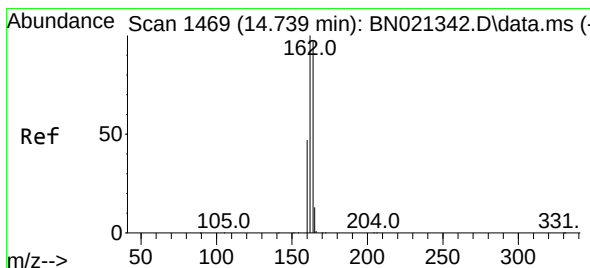
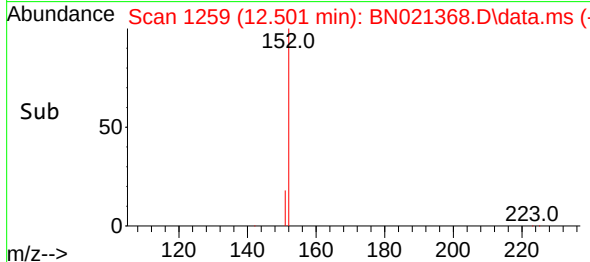
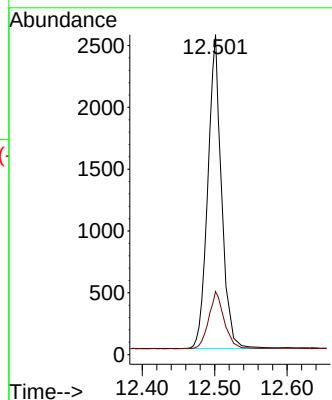
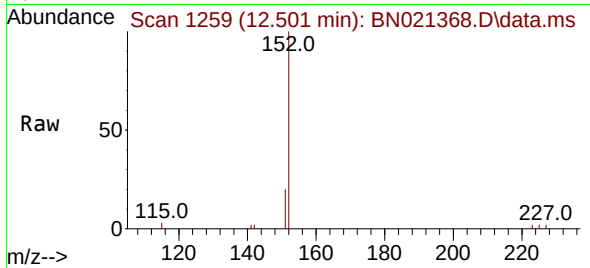




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

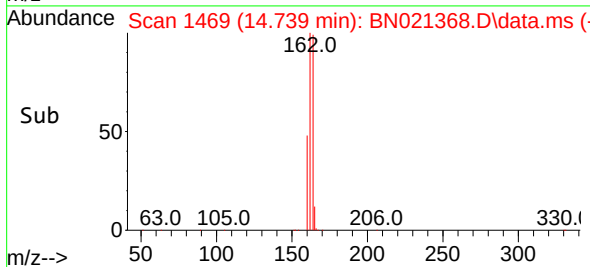
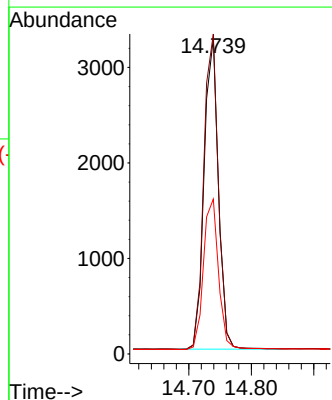
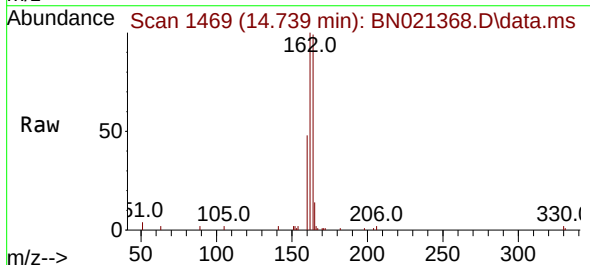
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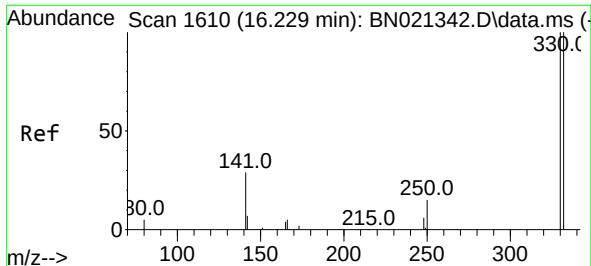
Tgt Ion:152 Resp: 4431
Ion Ratio Lower Upper
152 100
151 20.6 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

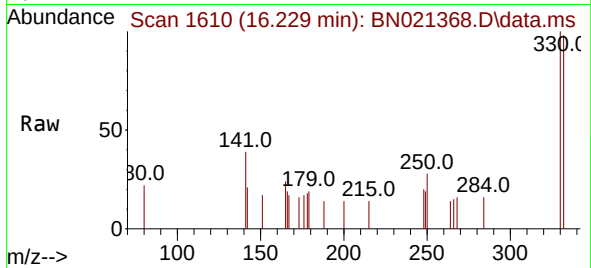
Tgt Ion:164 Resp: 5176
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.4
160 49.0 39.5 59.3



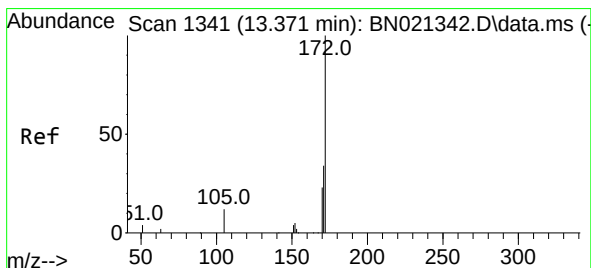
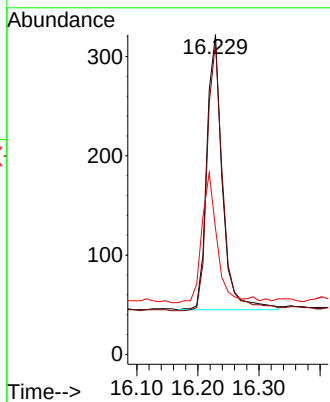
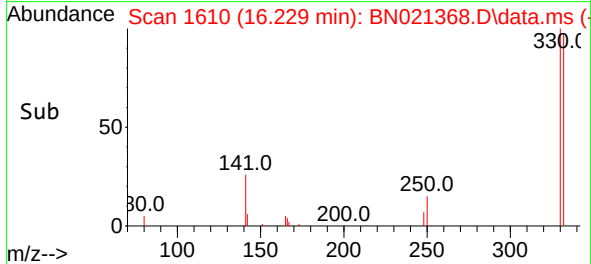


#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

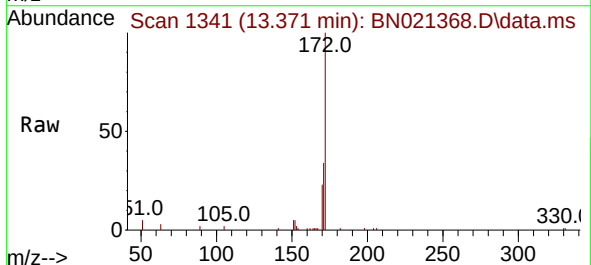
Instrument :
BNA_N
ClientSampleId :
RE126D3-20220817



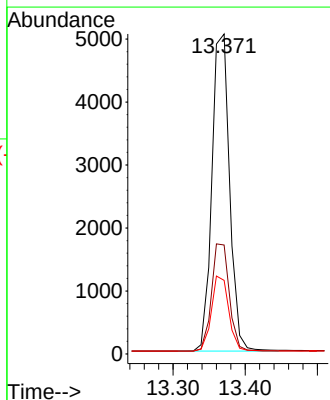
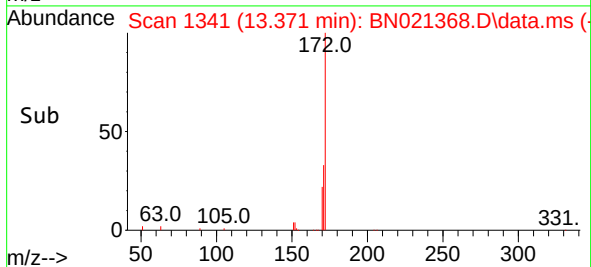
Tgt Ion:330 Resp: 490
Ion Ratio Lower Upper
330 100
332 98.4 79.3 118.9
141 47.8 37.1 55.7

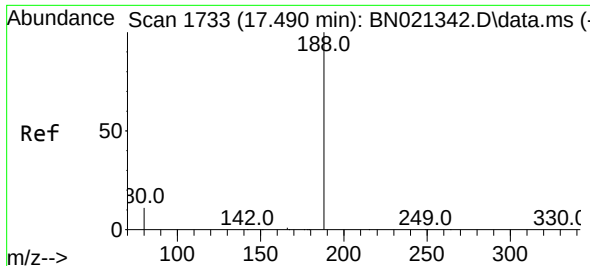


#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14



Tgt Ion:172 Resp: 8596
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 23.0 18.6 28.0

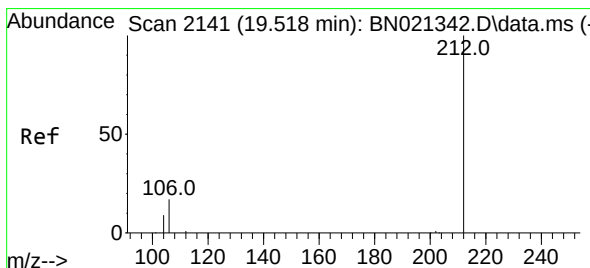
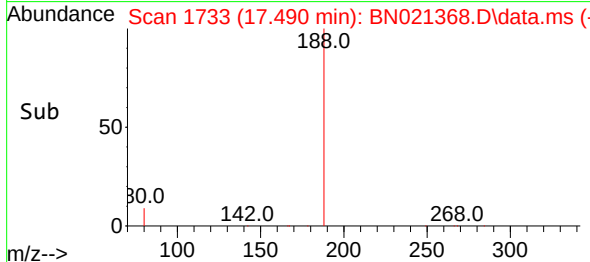
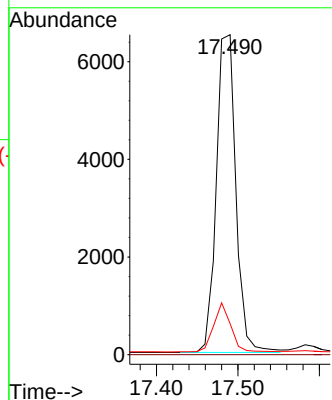
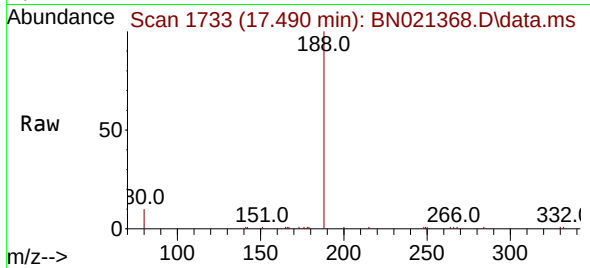




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

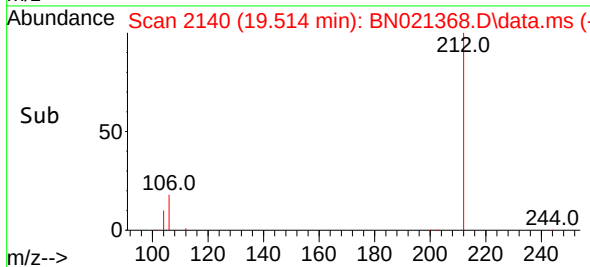
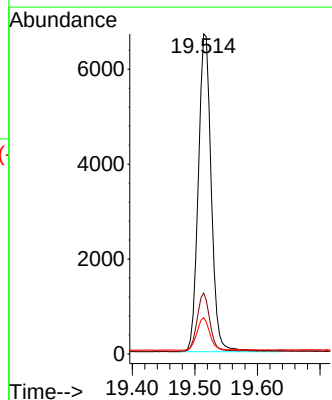
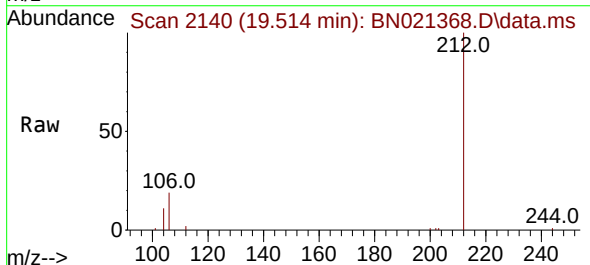
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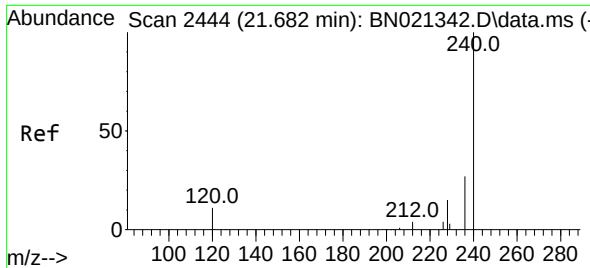
Tgt Ion:188 Resp: 10834
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.514 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

Tgt Ion:212 Resp: 9624
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.2 7.8 11.6

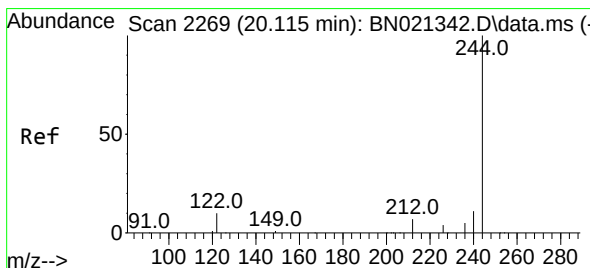
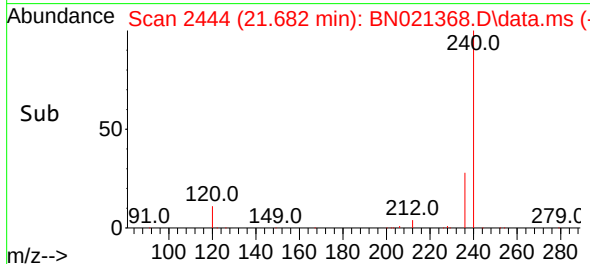
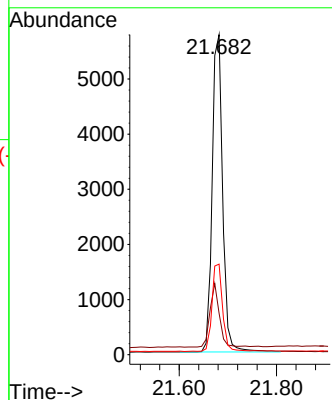
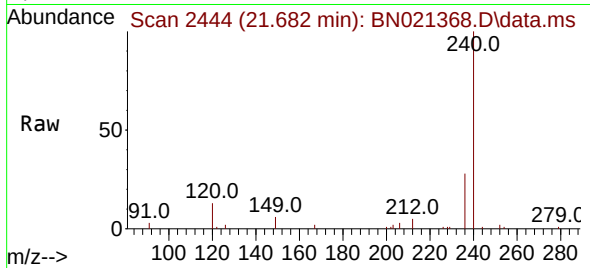




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.682 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

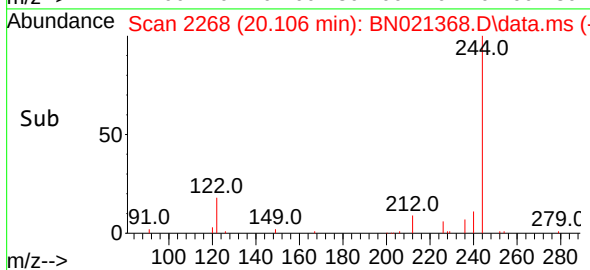
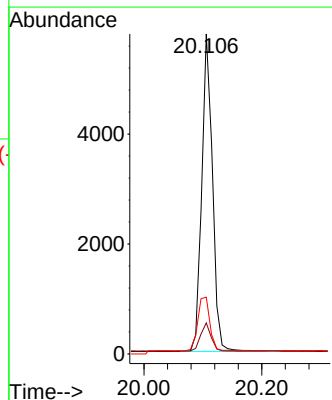
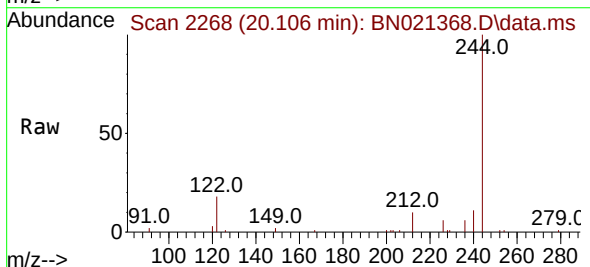
Instrument :
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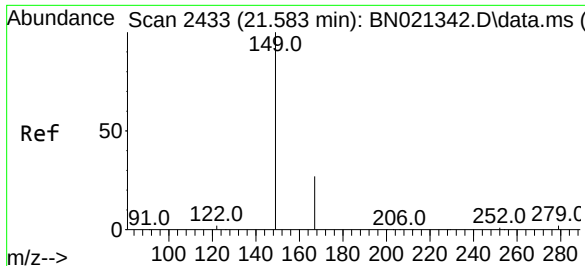
Tgt Ion:240 Resp: 8589
Ion Ratio Lower Upper
240 100
120 13.0 10.2 15.4
236 28.3 22.1 33.1



#31
Terphenyl-d14
Concen: 0.402 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN021368.D
Acq: 25 Aug 2022 12:14

Tgt Ion:244 Resp: 7294
Ion Ratio Lower Upper
244 100
212 9.7 6.5 9.7
122 17.7 9.1 13.7#

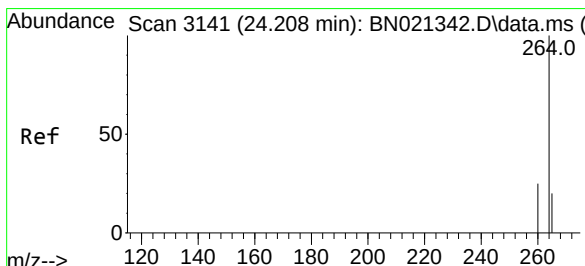
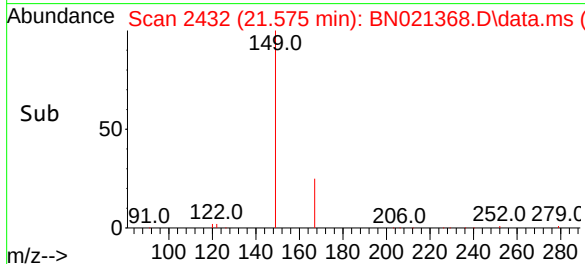
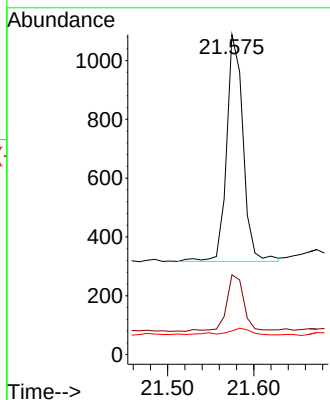
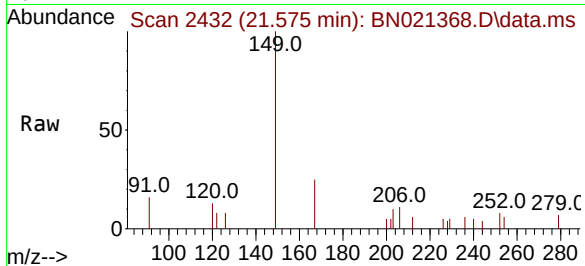




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.575 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN021368.D
 Acq: 25 Aug 2022 12:14

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20220817

Tgt Ion:149 Resp: 1020
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.0
 279 4.6 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.206 min Scan# 3140
 Delta R.T. -0.003 min
 Lab File: BN021368.D
 Acq: 25 Aug 2022 12:14

Tgt Ion:264 Resp: 6913
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.0 31.6
 265 41.3 32.2 48.2

