

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021369.D
 Acq On : 25 Aug 2022 13:30
 Operator : CG/JU
 Sample : N4245-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20220816

Quant Time: Aug 25 16:23:48 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)

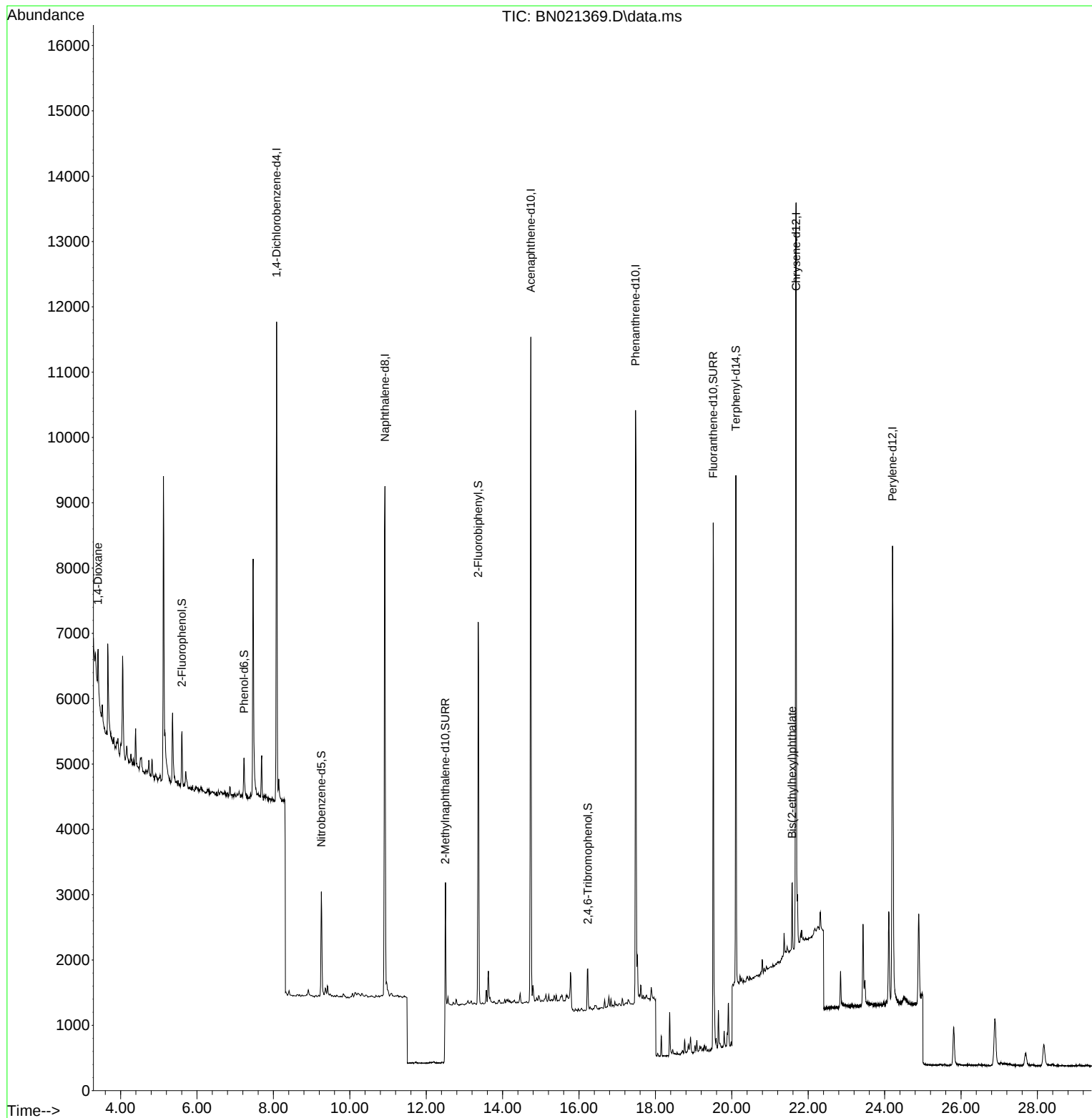
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3618	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	11118	0.400	ng	# 0.00
13) Acenaphthene-d10	14.739	164	5997	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	12898	0.400	ng	#-0.01
29) Chrysene-d12	21.682	240	11369	0.400	ng	0.00
35) Perylene-d12	24.205	264	10707	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	717	0.073	ng	0.00
5) Phenol-d6	7.231	99	592	0.048	ng	0.00
8) Nitrobenzene-d5	9.254	82	1406	0.167	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	3930	0.209	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	417	0.152	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	5383	0.201	ng	-0.01
27) Fluoranthene-d10	19.514	212	8244	0.214	ng	0.00
31) Terphenyl-d14	20.106	244	6442	0.268	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	460	0.092	ng	93
34) Bis(2-ethylhexyl)phtha...	21.574	149	1092	0.053	ng	# 98

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

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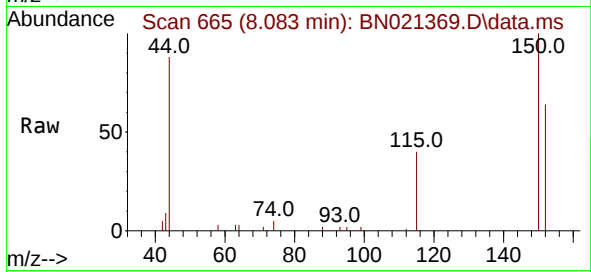
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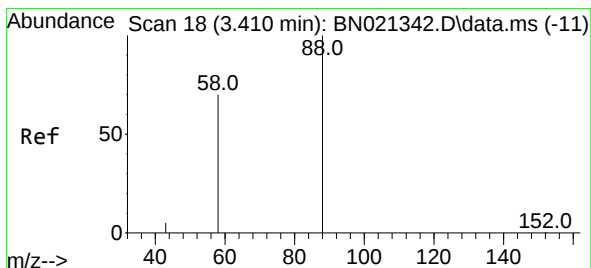
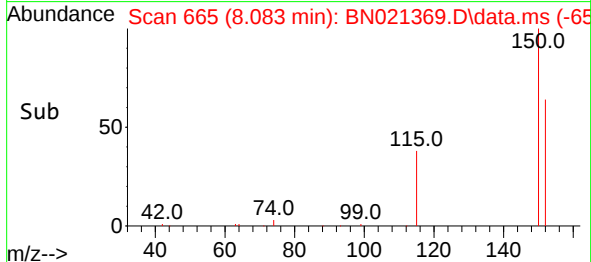
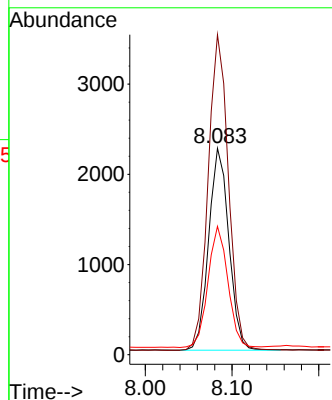


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: BN021369.D
 Acq: 25 Aug 2022 13:30

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20220816

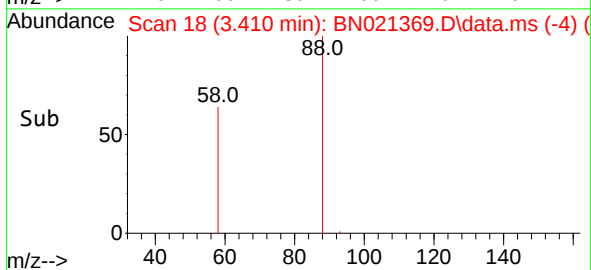
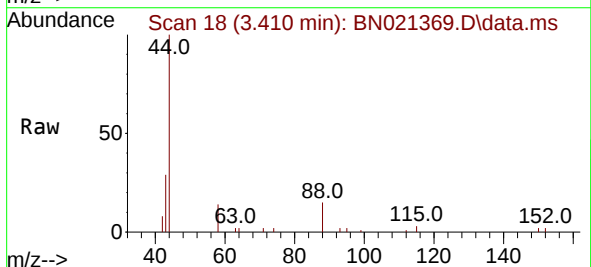
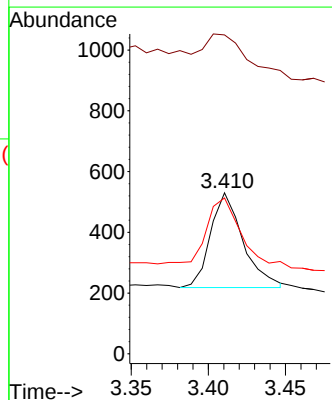


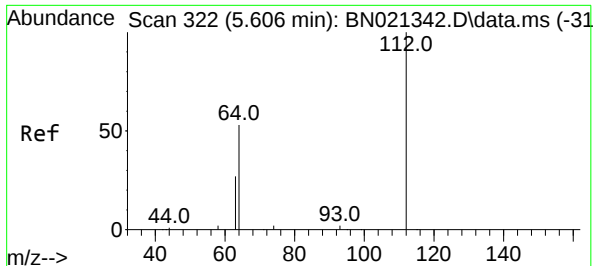
Tgt Ion:152 Resp: 3618
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.4 182.0
 115 62.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.092 ng
 RT: 3.410 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021369.D
 Acq: 25 Aug 2022 13:30

Tgt Ion: 88 Resp: 460
 Ion Ratio Lower Upper
 88 100
 43 42.6 35.8 53.8
 58 64.3 57.1 85.7

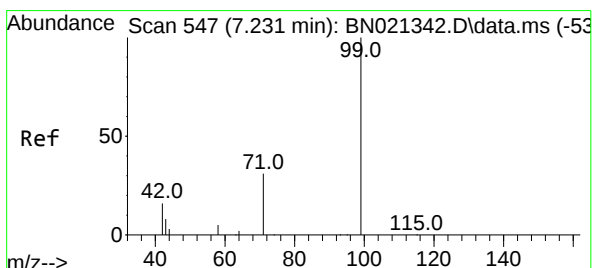
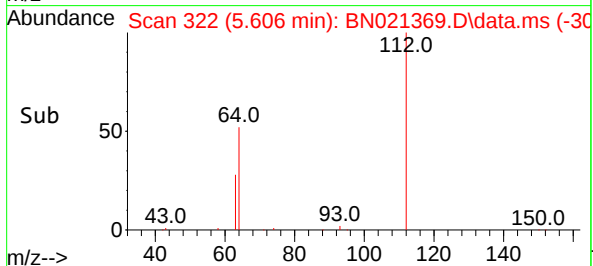
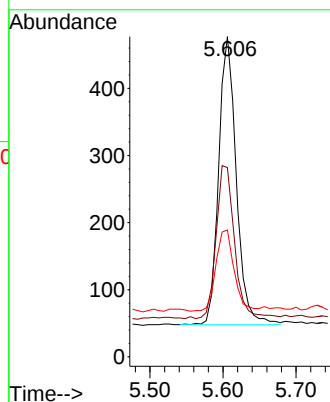
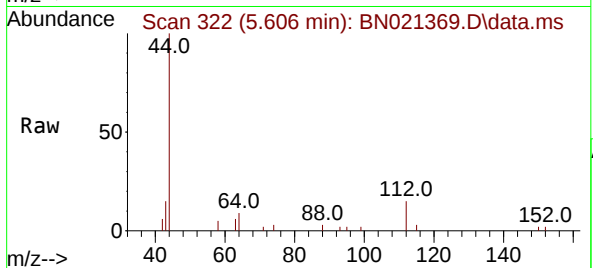




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

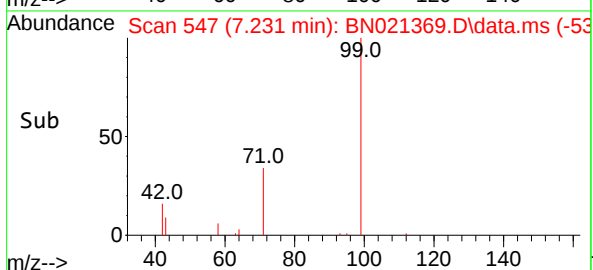
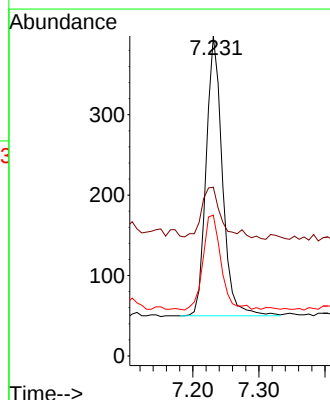
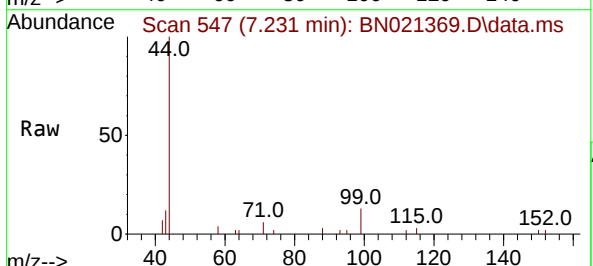
Instrument :
BNA_N
ClientSampleId :
MW178S-20220816

Tgt Ion:	112	Resp:	717
Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.5	65.3
63	29.1	22.6	34.0



#5
Phenol-d6
Concen: 0.048 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

Tgt Ion:	99	Resp:	592
Ion	Ratio	Lower	Upper
99	100		
42	23.8	15.5	23.3#
71	38.2	24.2	36.2#

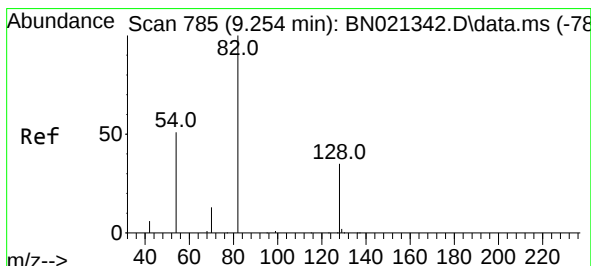
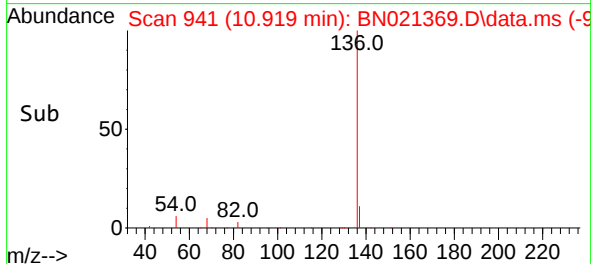
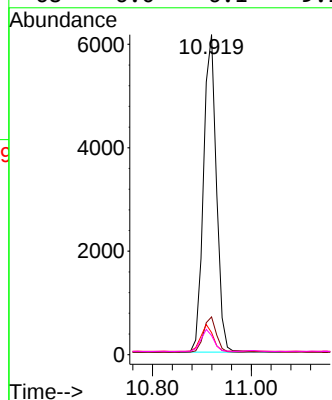
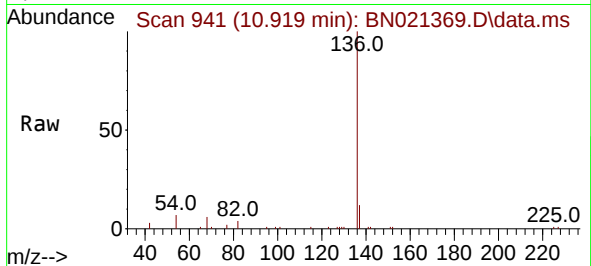




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.919 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

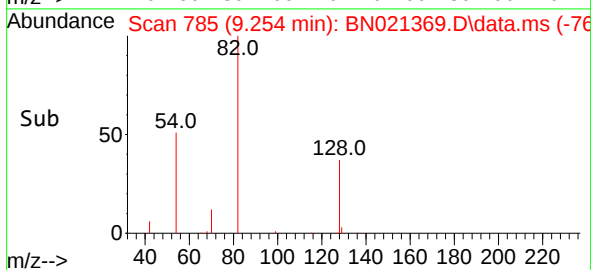
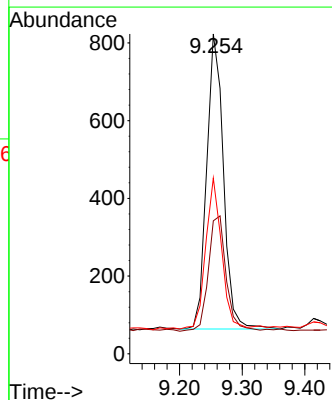
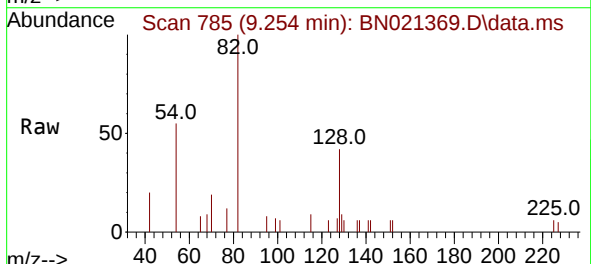
Instrument :
BNA_N
ClientSampleId :
MW178S-20220816

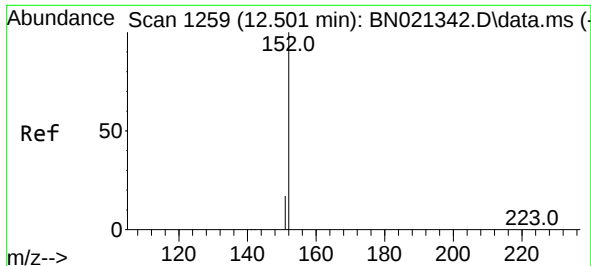
Tgt Ion:	136	Resp:	11118
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	6.9	6.9	10.3
68	6.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.167 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

Tgt Ion:	82	Resp:	1406
Ion Ratio	Lower	Upper	
82	100		
128	41.6	30.9	46.3
54	54.9	42.7	64.1

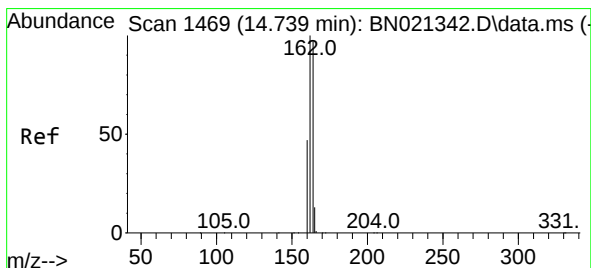
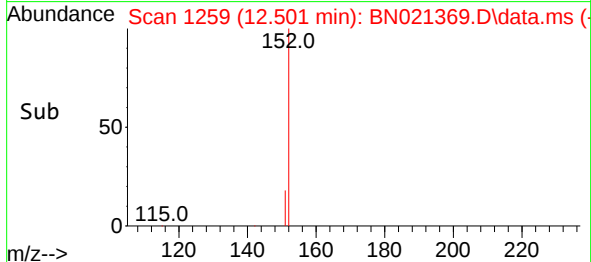
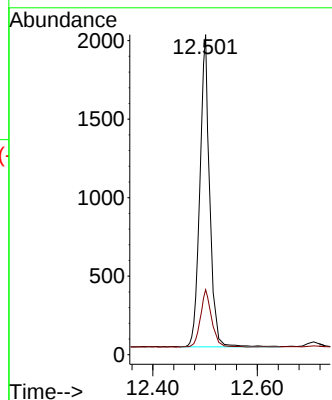
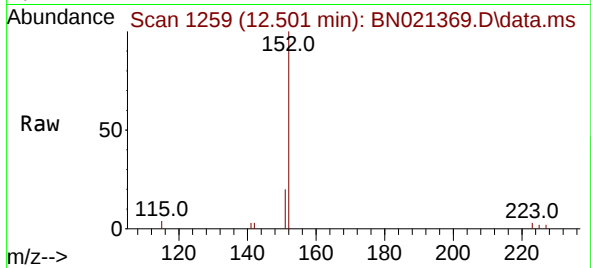




#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

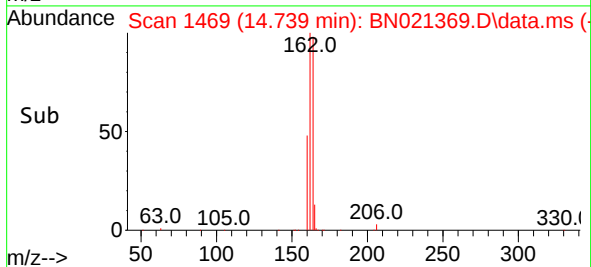
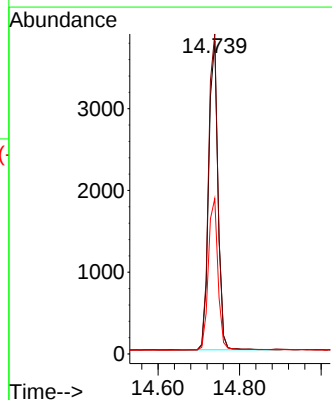
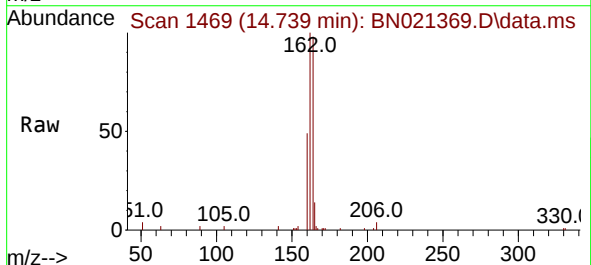
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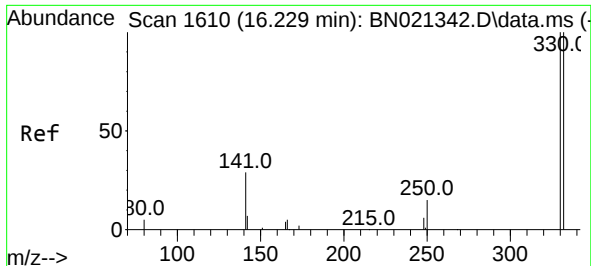
Tgt Ion:152 Resp: 3930
Ion Ratio Lower Upper
152 100
151 16.5 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

Tgt Ion:164 Resp: 5997
Ion Ratio Lower Upper
164 100
162 102.2 82.2 123.4
160 49.6 39.5 59.3

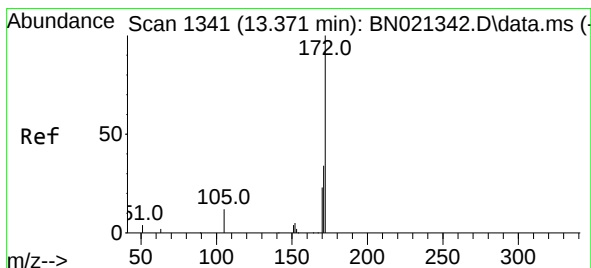
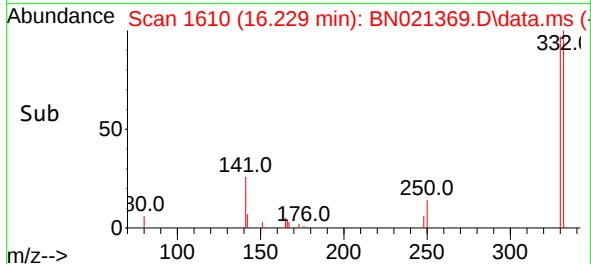
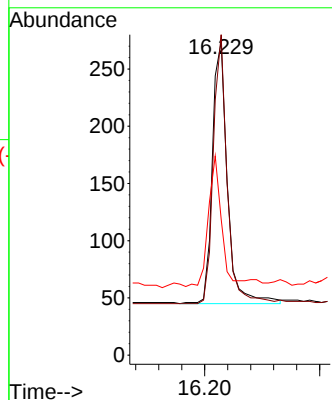
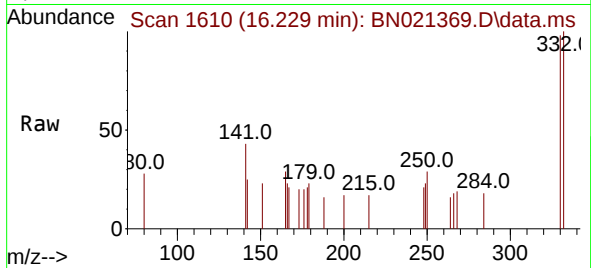




#14
2,4,6-Tribromophenol
Concen: 0.152 ng
RT: 16.229 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

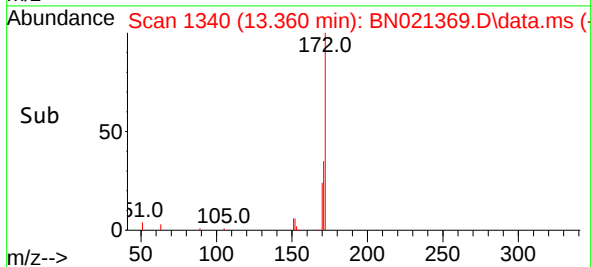
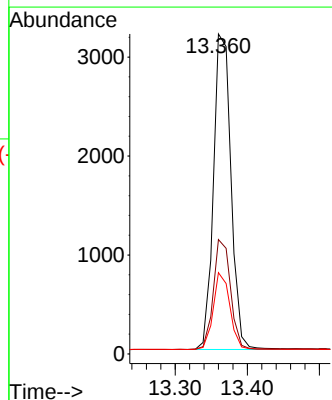
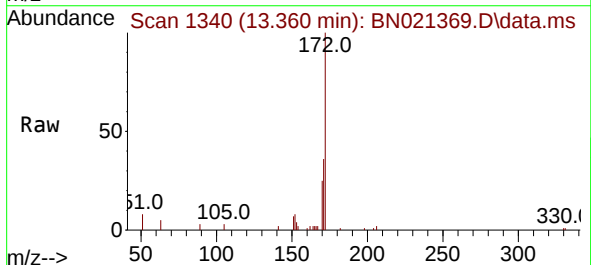
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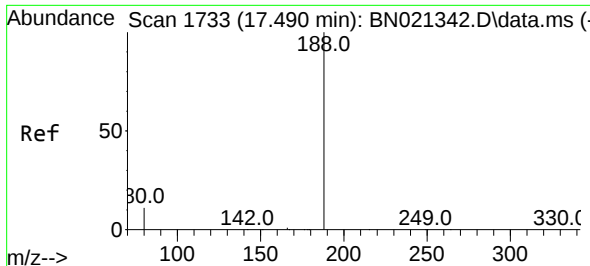
Tgt Ion:330 Resp: 417
Ion Ratio Lower Upper
330 100
332 94.2 79.3 118.9
141 42.7 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.201 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.011 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

Tgt Ion:172 Resp: 5383
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 25.4 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN021369.D

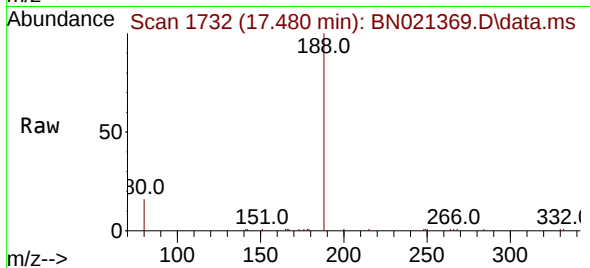
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Instrument :

BNA_N

ClientSampleId :

MW178S-20220816



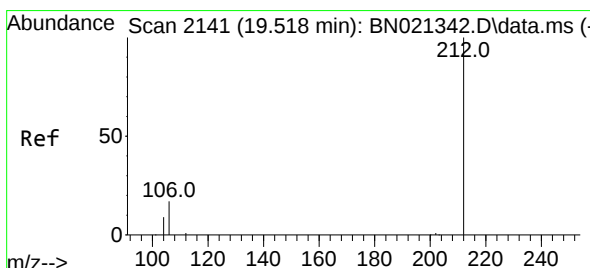
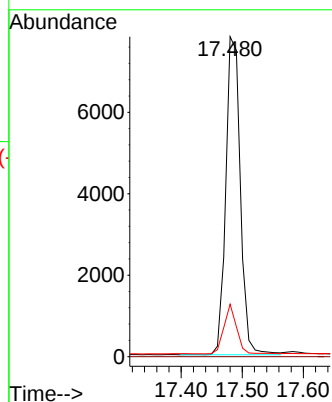
Tgt Ion:188 Resp: 12898

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.4 9.5 14.3#



#27

Fluoranthene-d10

Concen: 0.214 ng

RT: 19.514 min Scan# 2140

Delta R.T. -0.004 min

Lab File: BN021369.D

Acq: 25 Aug 2022 13:30

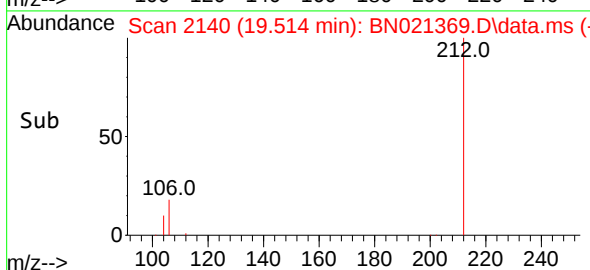
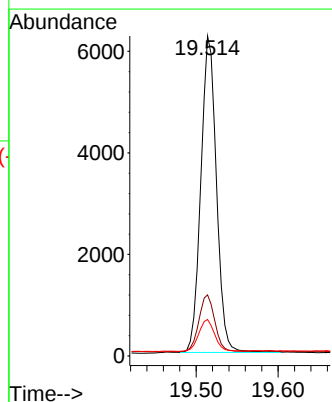
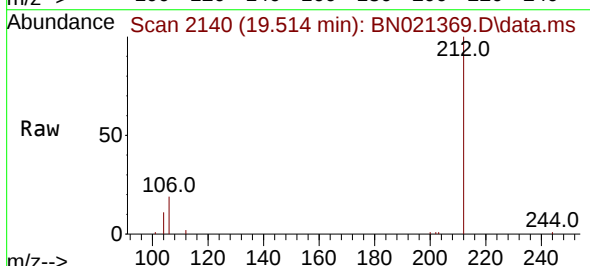
Tgt Ion:212 Resp: 8244

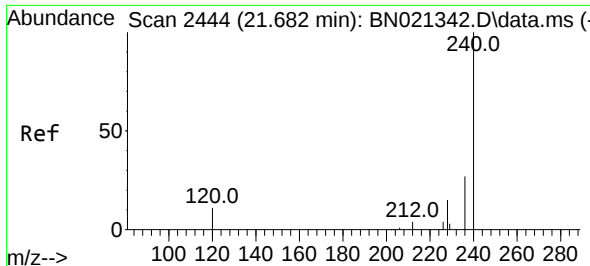
Ion Ratio Lower Upper

212 100

106 18.5 14.2 21.2

104 10.2 7.8 11.6

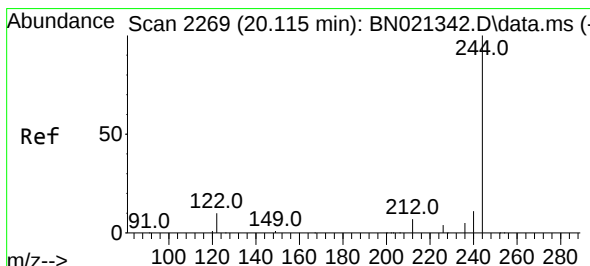
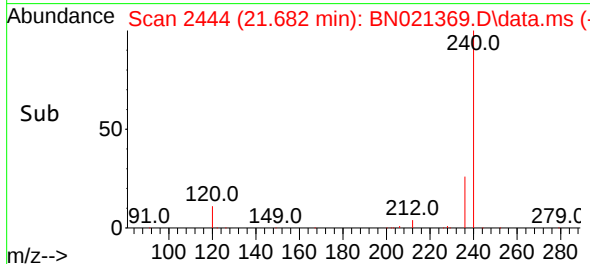
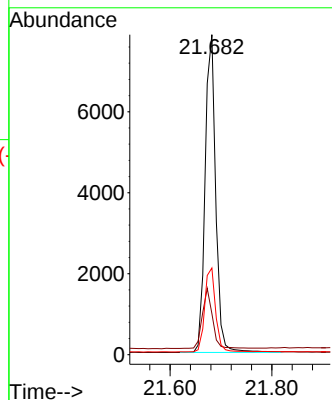
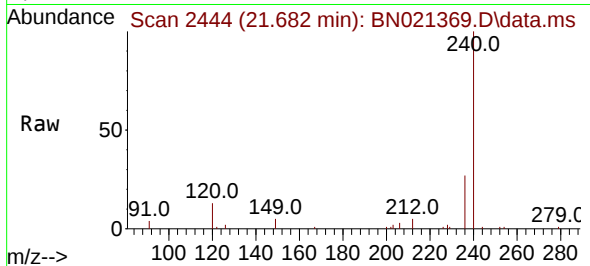




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.682 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

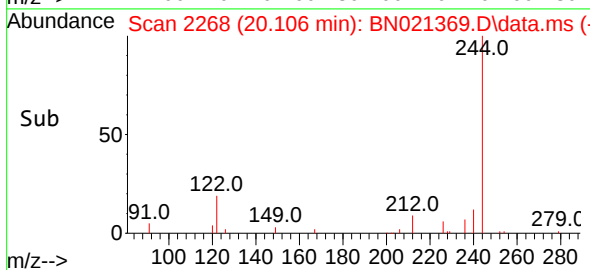
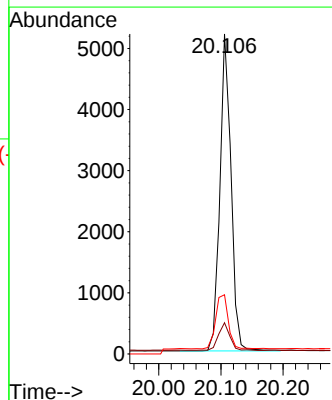
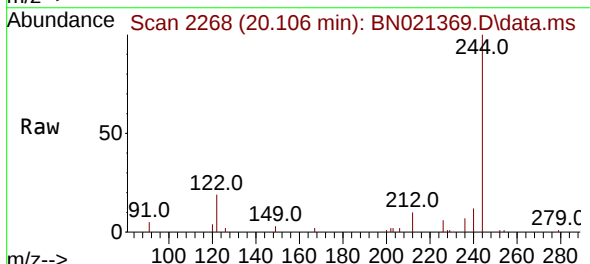
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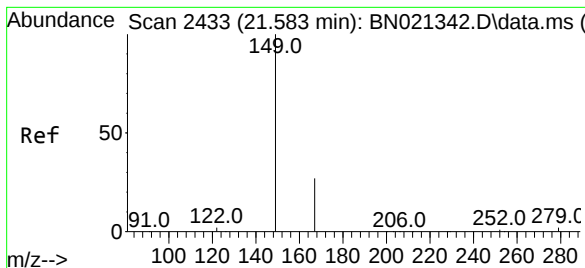
Tgt Ion:240 Resp: 11369
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 27.1 22.1 33.1



#31
Terphenyl-d14
Concen: 0.268 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN021369.D
Acq: 25 Aug 2022 13:30

Tgt Ion:244 Resp: 6442
Ion Ratio Lower Upper
244 100
212 9.8 6.5 9.7#
122 18.5 9.1 13.7#

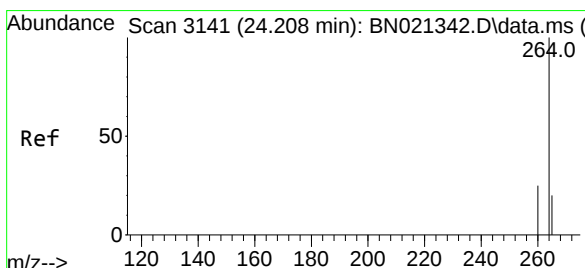
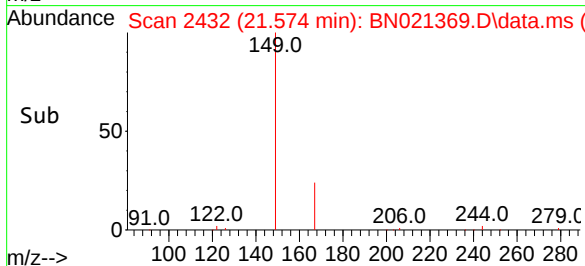
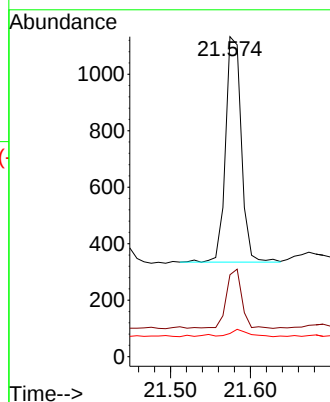
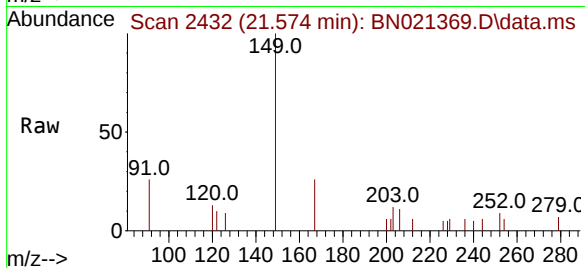




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.574 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN021369.D
 Acq: 25 Aug 2022 13:30

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20220816

Tgt Ion:149 Resp: 1092
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.0
 279 3.6 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.205 min Scan# 3140
 Delta R.T. -0.003 min
 Lab File: BN021369.D
 Acq: 25 Aug 2022 13:30

Tgt Ion:264 Resp: 10707
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 34.4 32.2 48.2

