

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021493.D
 Acq On : 31 Aug 2022 16:35
 Operator : CG/JU
 Sample : N4297-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20220820

Quant Time: Sep 01 03:20:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

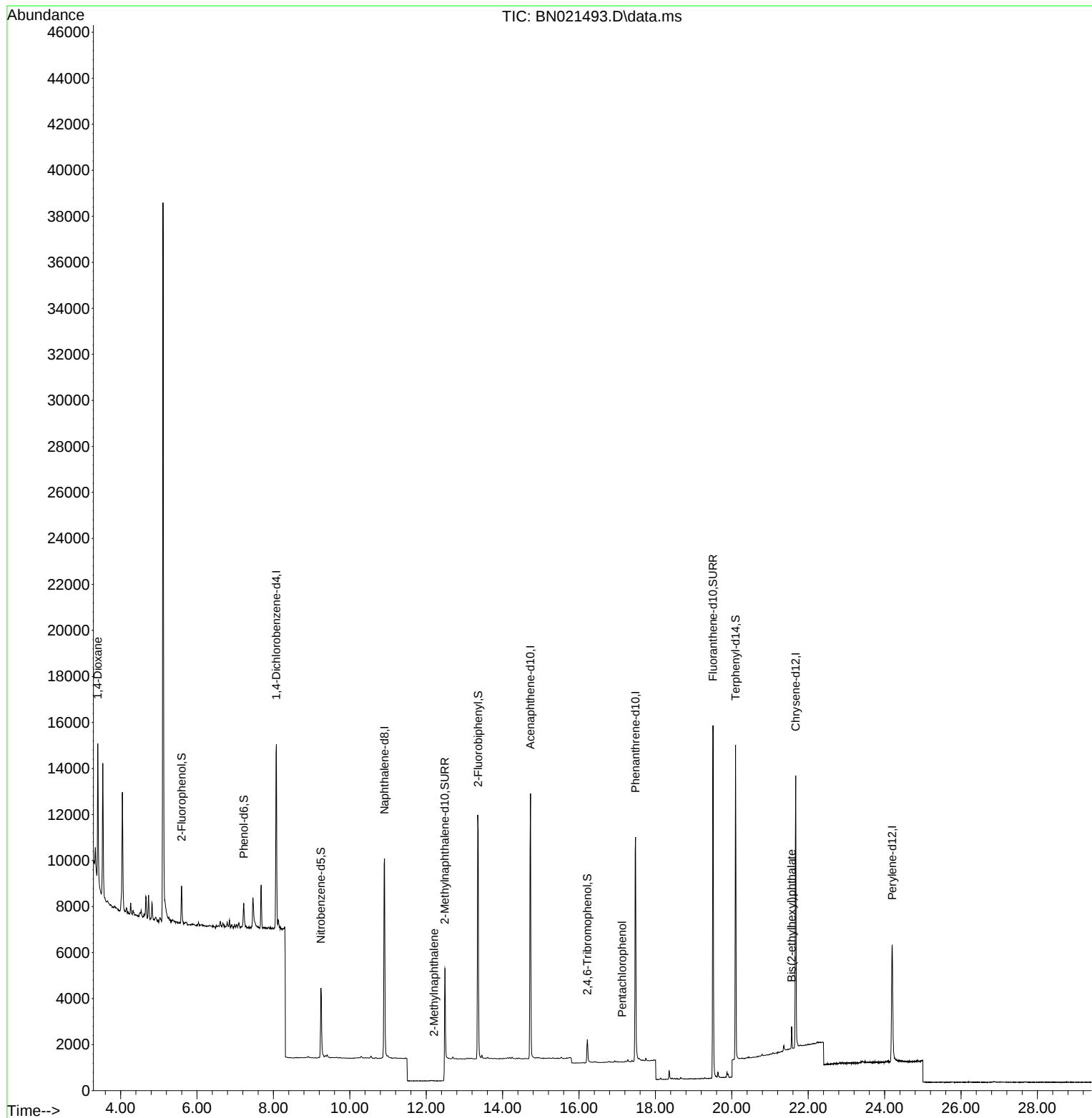
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4172	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	12908	0.400	ng	# 0.00
13) Acenaphthene-d10	14.728	164	6963	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	14808	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11306	0.400	ng	0.00
35) Perylene-d12	24.197	264	8448	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1455	0.178	ng	0.00
5) Phenol-d6	7.224	99	1076	0.103	ng	0.00
8) Nitrobenzene-d5	9.243	82	2898	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	11201	0.385	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	652	0.285	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10446	0.343	ng	0.00
27) Fluoranthene-d10	19.505	212	17296	0.454	ng	0.00
31) Terphenyl-d14	20.097	244	11752	0.462	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	3808	0.730	ng	Qvalue 95
12) 2-Methylnaphthalene	12.202	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	17	0.207	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.565	149	922	0.058	ng	# 96

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

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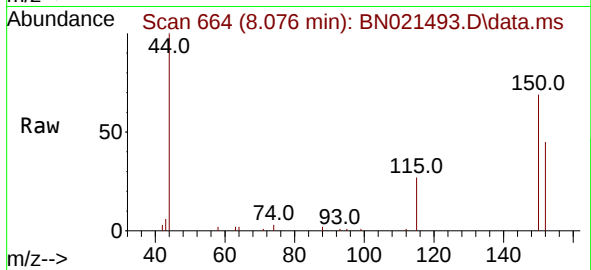
Quant Time: Sep 01 03:20:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



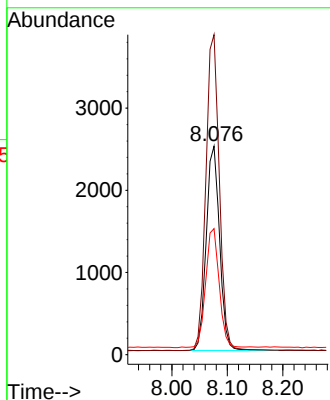
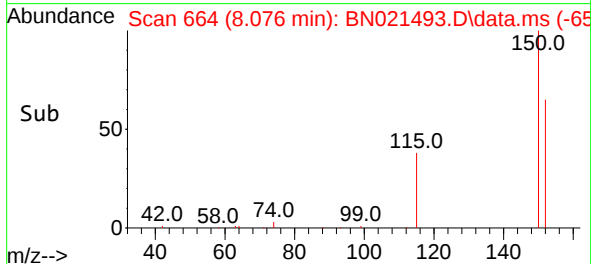


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

Instrument :
BNA_N
ClientSampleId :
MW203D2-20220820

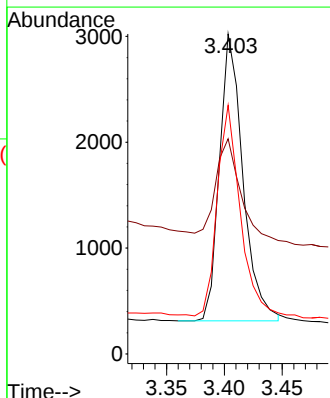
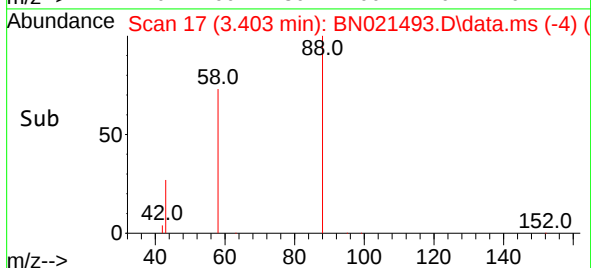
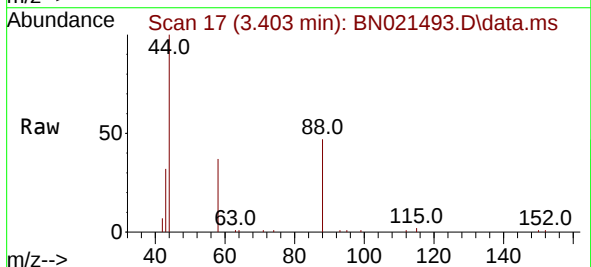


Tgt Ion:152 Resp: 4172
Ion Ratio Lower Upper
152 100
150 153.5 121.4 182.0
115 60.5 48.6 72.8



#2
1,4-Dioxane
Concen: 0.730 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.007 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

Tgt Ion: 88 Resp: 3808
Ion Ratio Lower Upper
88 100
43 37.3 35.8 53.8
58 71.8 57.1 85.7

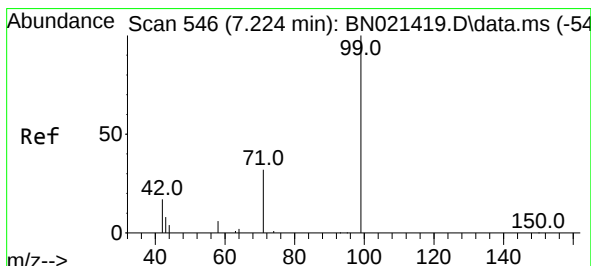
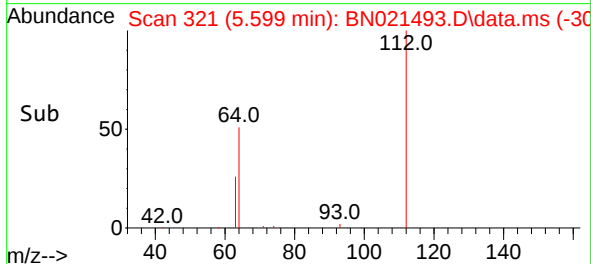
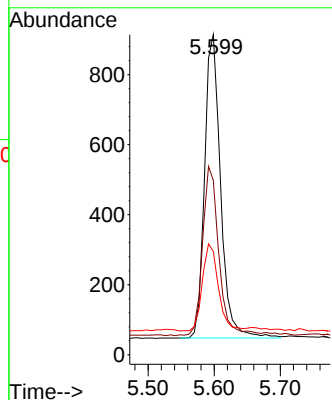
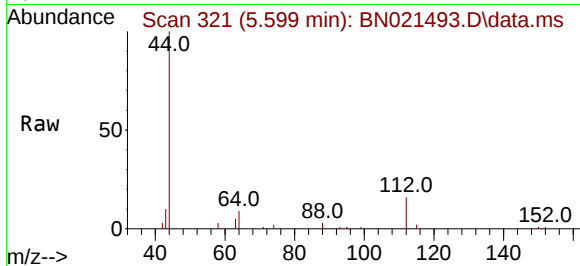




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.599 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

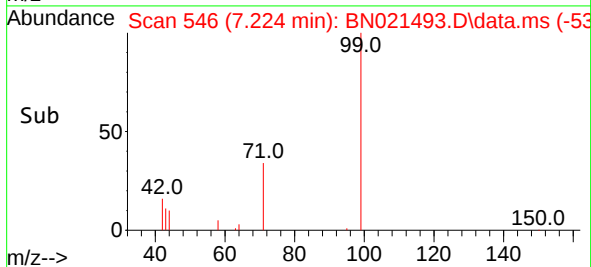
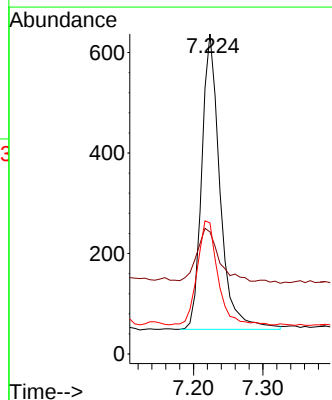
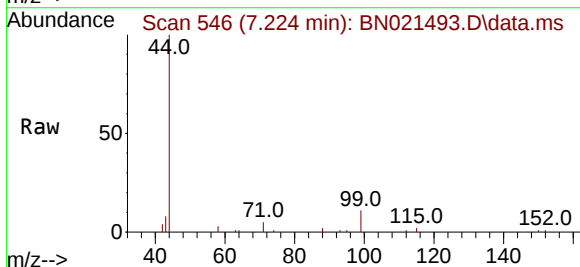
Instrument :
BNA_N
ClientSampleId :
MW203D2-20220820

Tgt Ion:112 Resp: 1455
Ion Ratio Lower Upper
112 100
64 56.4 43.5 65.3
63 28.7 22.6 34.0



#5
Phenol-d6
Concen: 0.103 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

Tgt Ion: 99 Resp: 1076
Ion Ratio Lower Upper
99 100
42 21.6 15.5 23.3
71 39.5 24.2 36.2#

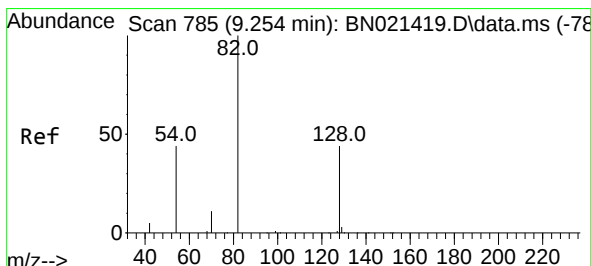
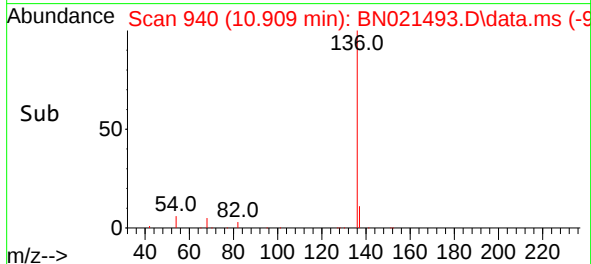
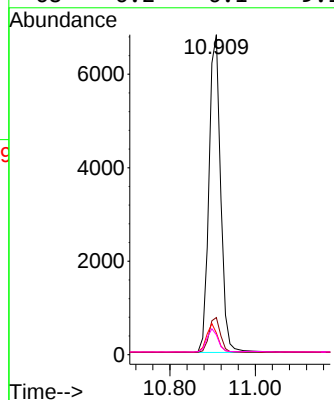
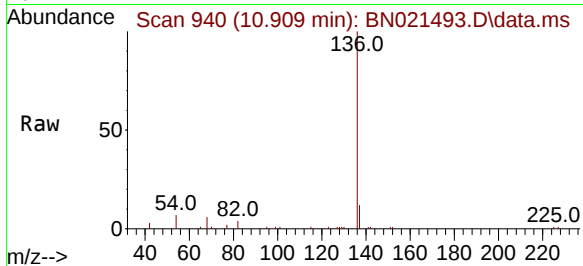




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

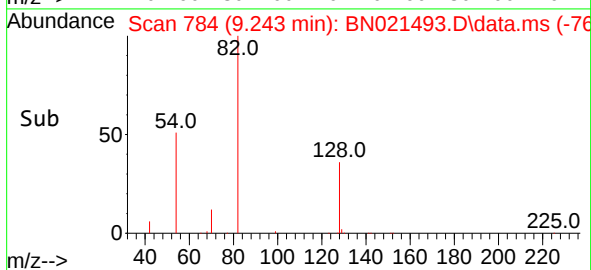
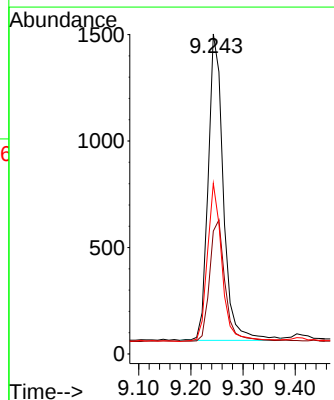
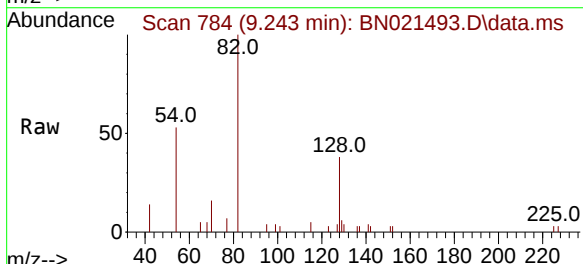
Instrument :
BNA_N
ClientSampleId :
MW203D2-20220820

Tgt Ion:	136	Resp:	12908
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	6.8	6.9	10.3
68	6.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

Tgt Ion:	82	Resp:	2898
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.9	46.3
54	53.3	42.7	64.1

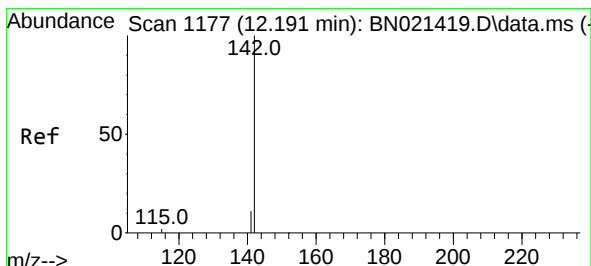
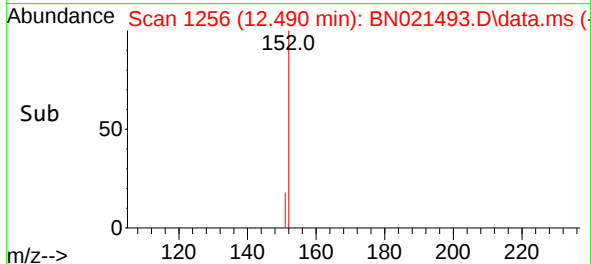
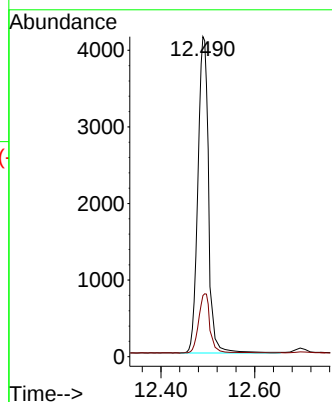
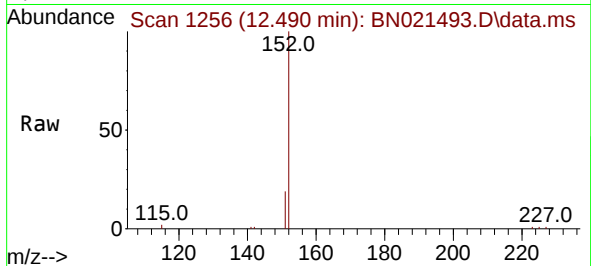




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.490 min Scan# 1180
Delta R.T. -0.008 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

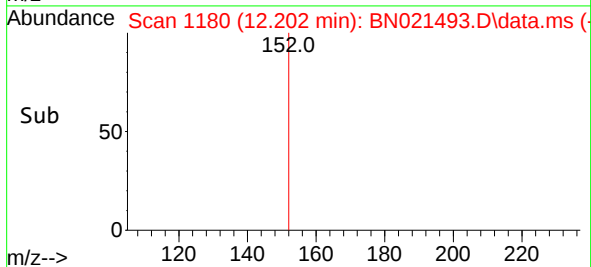
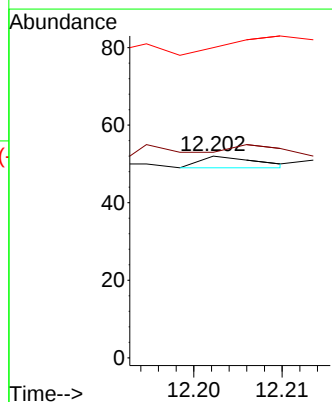
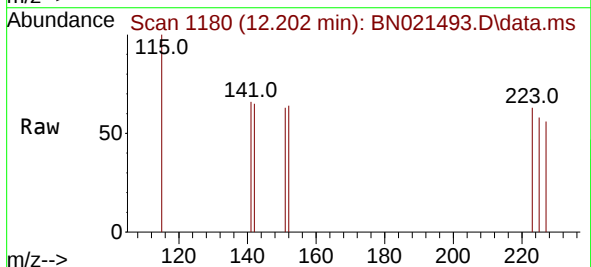
Instrument :
BNA_N
ClientSampleId :
MW203D2-20220820

Tgt Ion:152 Resp: 11201
Ion Ratio Lower Upper
152 100
151 18.5 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.202 min Scan# 1180
Delta R.T. 0.011 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 101.9 12.2 18.2#
115 153.8 7.9 11.9#

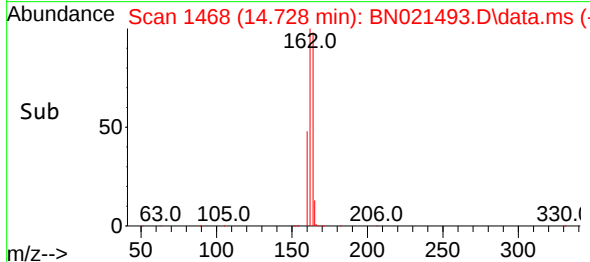
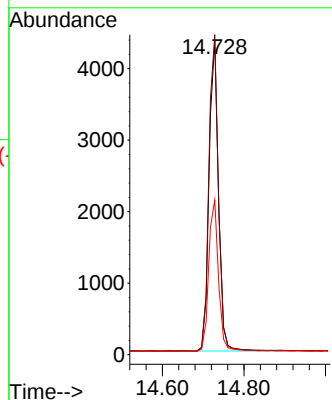
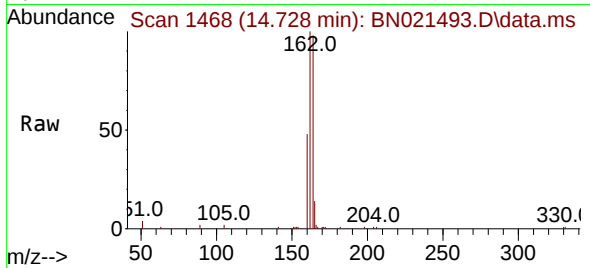




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

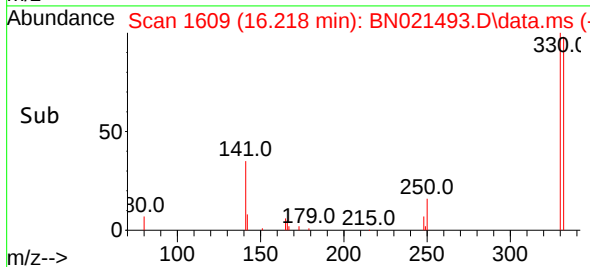
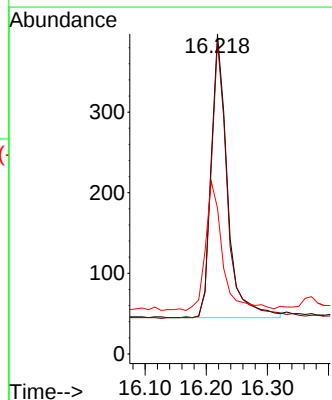
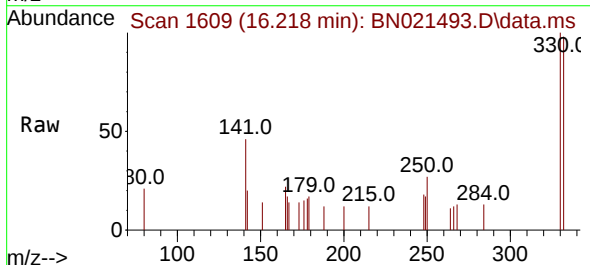
Instrument :
BNA_N
ClientSampleId :
MW203D2-20220820

Tgt Ion:	164	Resp:	6963
Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.4
160	49.2	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

Tgt Ion:	330	Resp:	652
Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.3	118.9
141	45.9	37.1	55.7

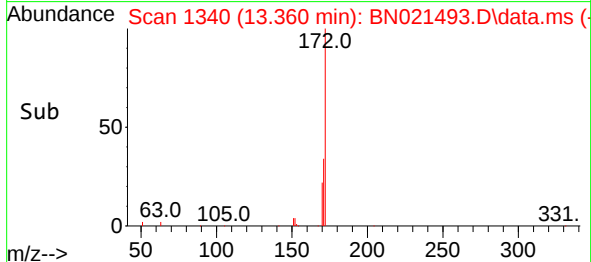
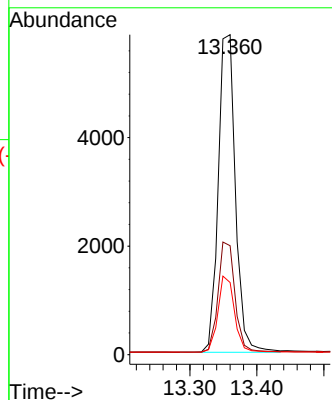
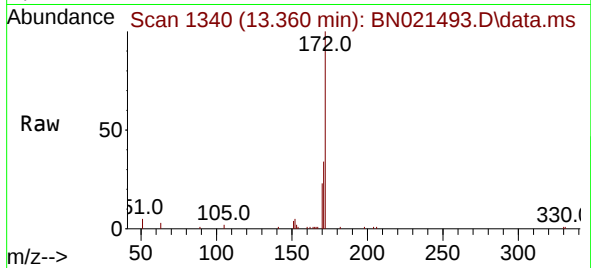




#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

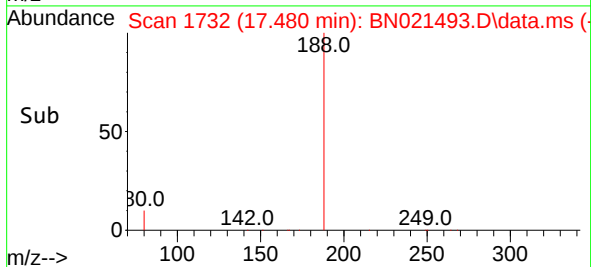
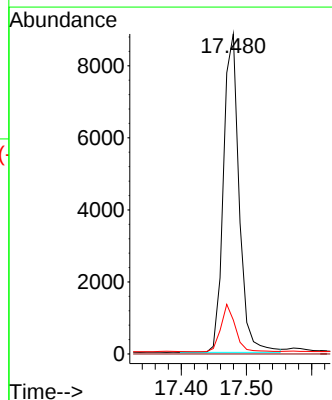
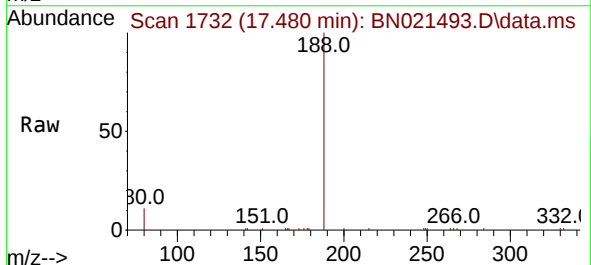
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ClientSampleId :
MW203D2-20220820

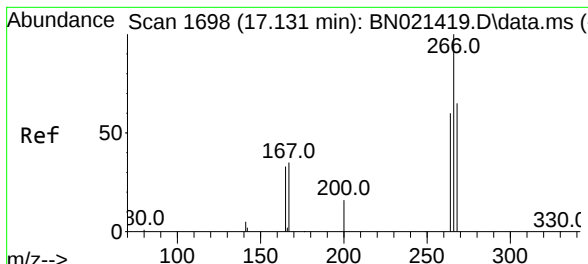
Tgt Ion:172 Resp: 10446
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 22.6 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021493.D
Acq: 31 Aug 2022 16:35

Tgt Ion:188 Resp: 14808
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3

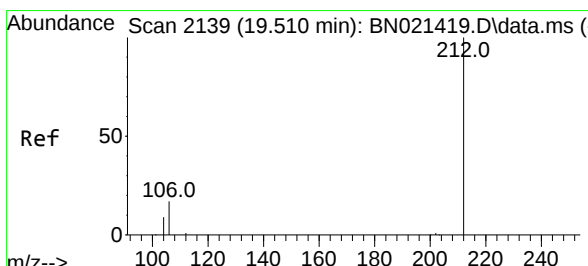
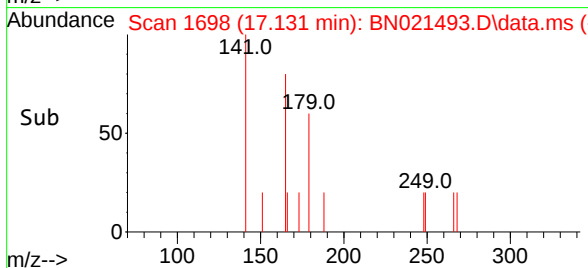
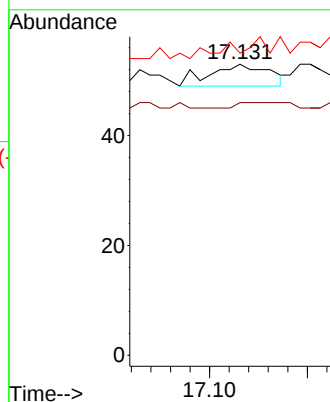
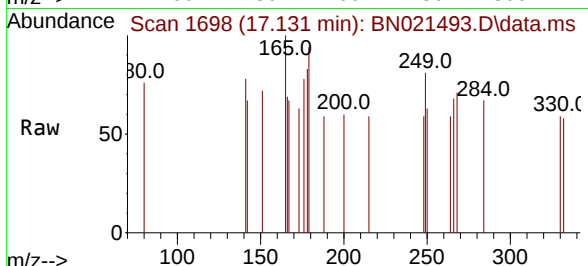




#24
 Pentachlorophenol
 Concen: 0.207 ng
 RT: 17.131 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BN021493.D
 Acq: 31 Aug 2022 16:35

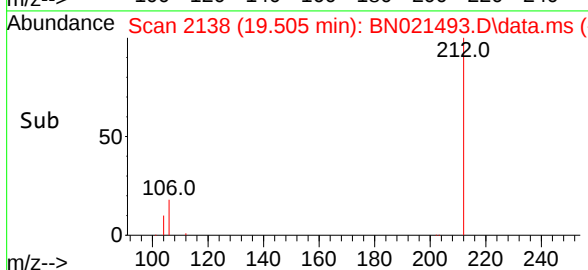
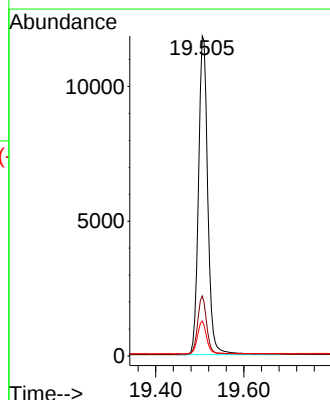
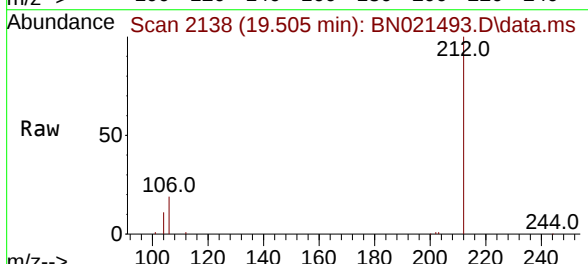
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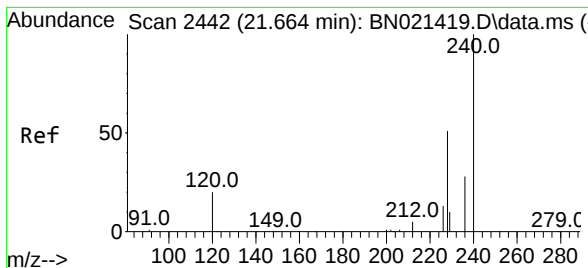
Tgt Ion:	266	Resp:	17
Ion Ratio	Lower	Upper	
266	100		
264	23.5	49.0	73.6#
268	29.4	50.9	76.3#



#27
 Fluoranthene-d10
 Concen: 0.454 ng
 RT: 19.505 min Scan# 2138
 Delta R.T. -0.004 min
 Lab File: BN021493.D
 Acq: 31 Aug 2022 16:35

Tgt Ion:	212	Resp:	17296
Ion Ratio	Lower	Upper	
212	100		
106	17.7	14.2	21.2
104	9.9	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.673 min Scan# 2443

Delta R.T. 0.009 min

Lab File: BN021493.D

Acq: 31 Aug 2022 16:35

Instrument :

BNA_N

ClientSampleId :

MW203D2-20220820

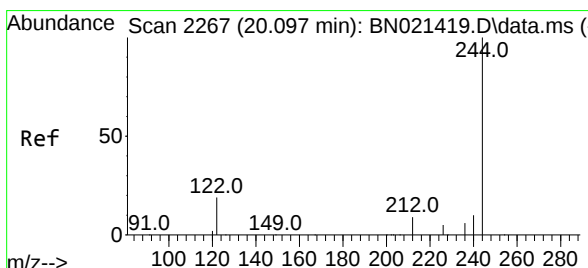
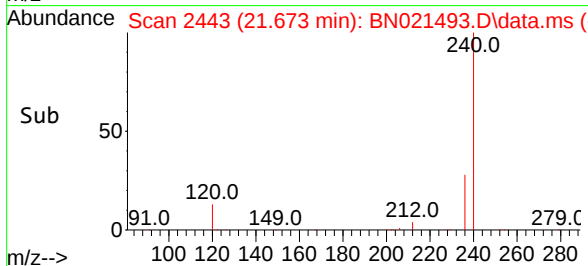
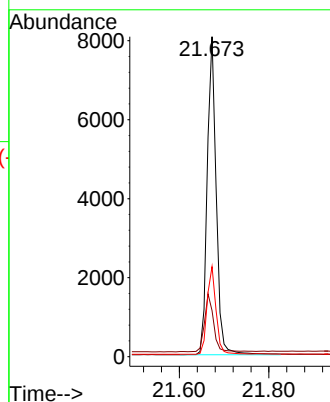
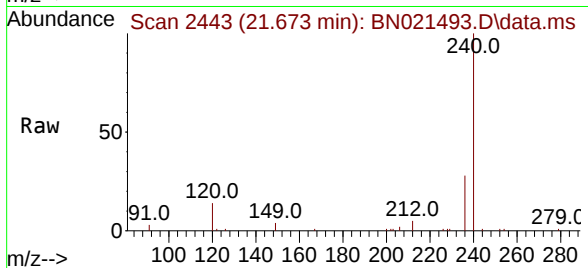
Tgt Ion:240 Resp: 11306

Ion Ratio Lower Upper

240 100

120 14.4 10.2 15.4

236 28.2 22.1 33.1



#31

Terphenyl-d14

Concen: 0.462 ng

RT: 20.097 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BN021493.D

Acq: 31 Aug 2022 16:35

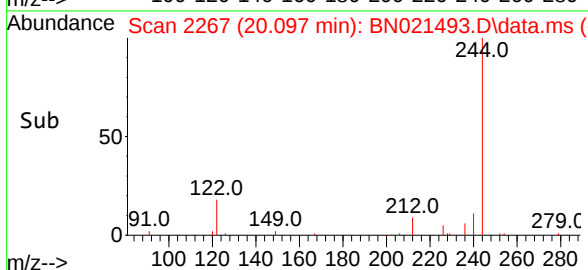
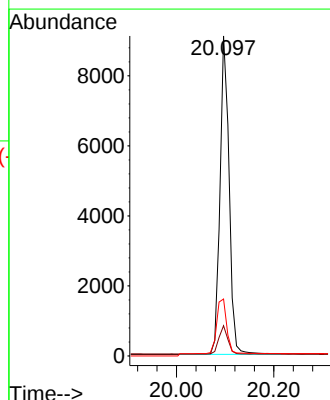
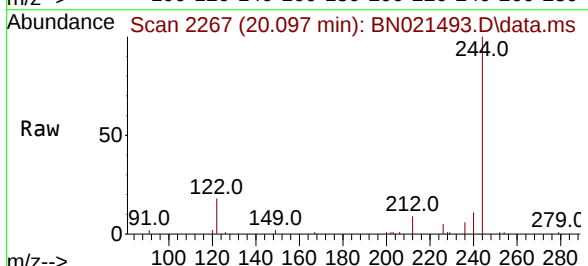
Tgt Ion:244 Resp: 11752

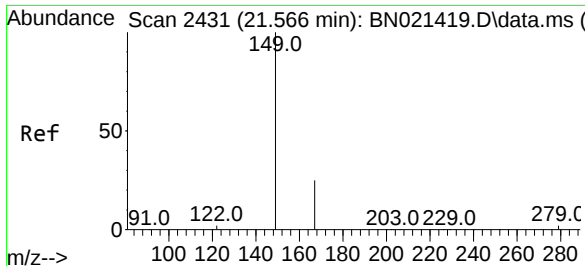
Ion Ratio Lower Upper

244 100

212 9.5 6.5 9.7

122 17.8 9.1 13.7#

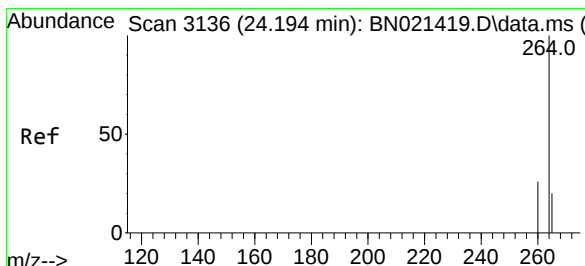
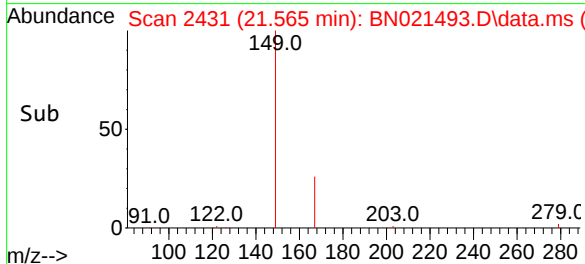
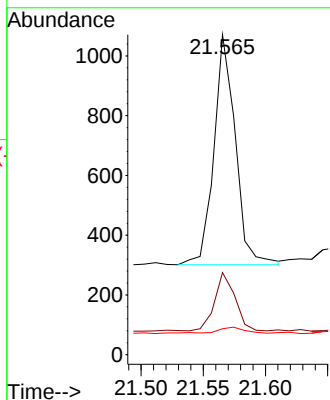
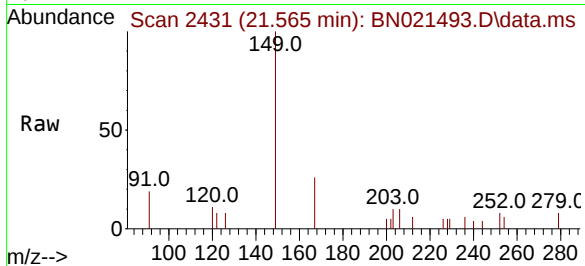




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021493.D
 Acq: 31 Aug 2022 16:35

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20220820

Tgt Ion:149 Resp: 922
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 3.7 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 3137
 Delta R.T. 0.003 min
 Lab File: BN021493.D
 Acq: 31 Aug 2022 16:35

Tgt Ion:264 Resp: 8448
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.0 31.6
 265 37.6 32.2 48.2

