

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
 Data File : BN019533.D
 Acq On : 22 Apr 2022 23:01
 Operator : CG/JU
 Sample : N2516-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW172S1-250-252

Quant Time: Apr 23 05:32:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 17:50:10 2022
 Response via : Initial Calibration

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

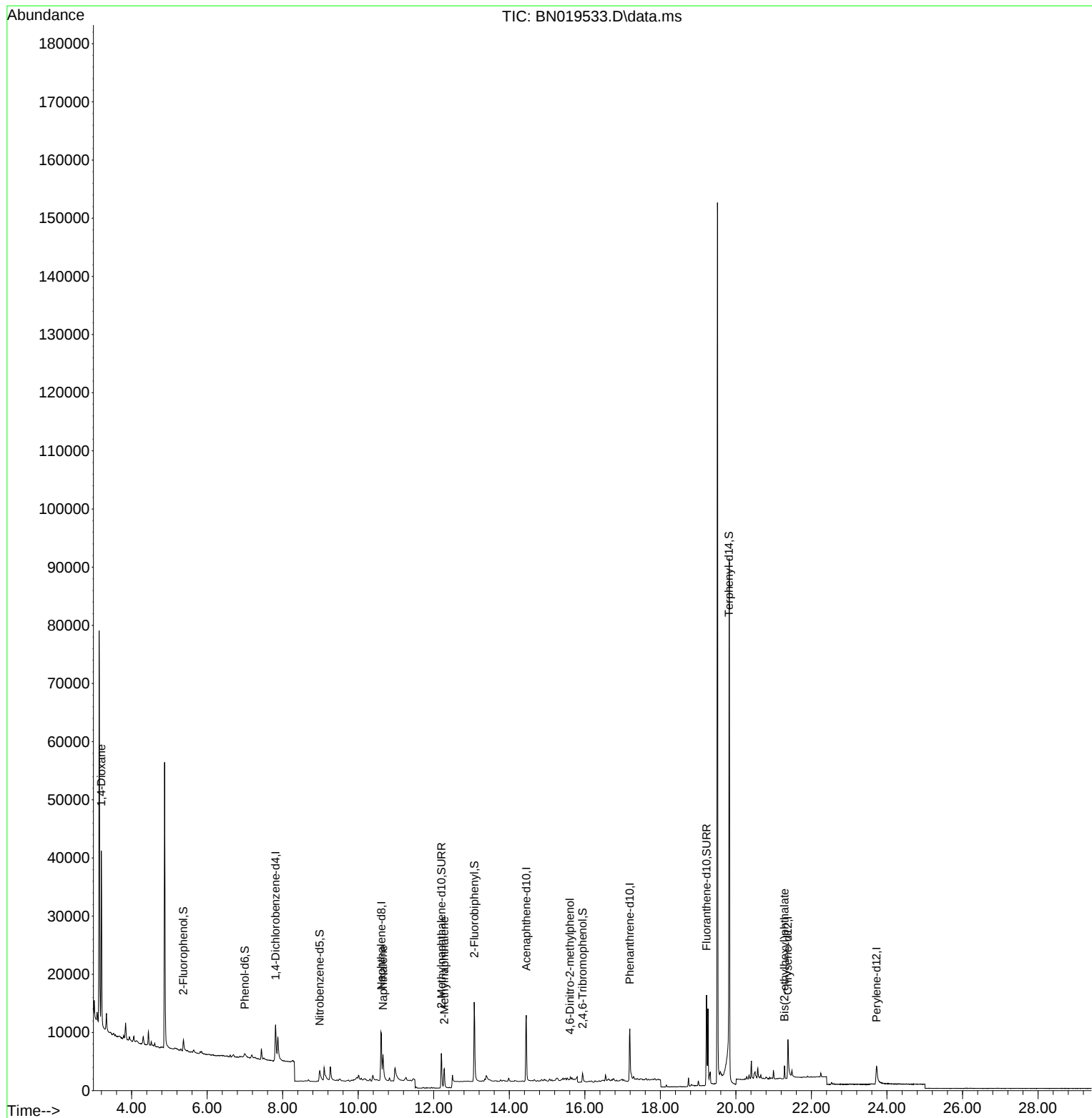
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	4512	0.400	ng	0.00
7) Naphthalene-d8	10.613	136	13057	0.400	ng	# 0.00
13) Acenaphthene-d10	14.450	164	7471	0.400	ng	0.00
19) Phenanthrene-d10	17.192	188	14647	0.400	ng	# 0.00
29) Chrysene-d12	21.377	240	9945	0.400	ng	# 0.00
35) Perylene-d12	23.726	264	6864	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	2056	0.213	ng	0.00
5) Phenol-d6	6.996	99	1089	0.099	ng	0.01
8) Nitrobenzene-d5	8.980	82	3035	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.202	152	9336	0.441	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	1087	0.326	ng	0.00
15) 2-Fluorobiphenyl	13.071	172	13738	0.461	ng	-0.01
27) Fluoranthene-d10	19.223	212	20057	0.468	ng	0.00
31) Terphenyl-d14	19.817	244	13194	0.588	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	15215	2.562	ng	97
9) Naphthalene	10.656	128	5117	0.135	ng	# 93
12) 2-Methylnaphthalene	12.278	142	2720	0.110	ng	98
20) 4,6-Dinitro-2-methylph...	15.605	198	1	0.125	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.288	149	1924	0.106	ng	# 99

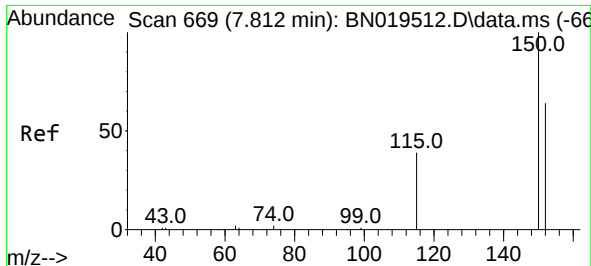
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-TT-MW172S1-250-252

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QLast Update : Wed Apr 20 17:50:10 2022
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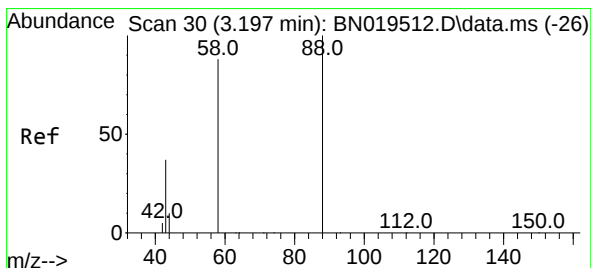
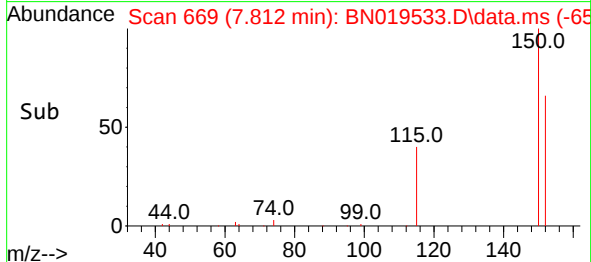
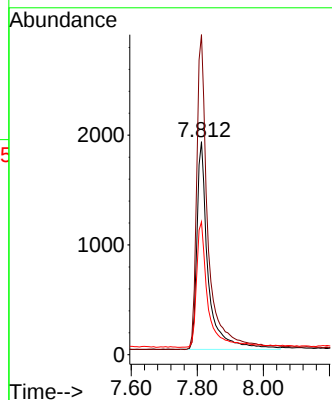
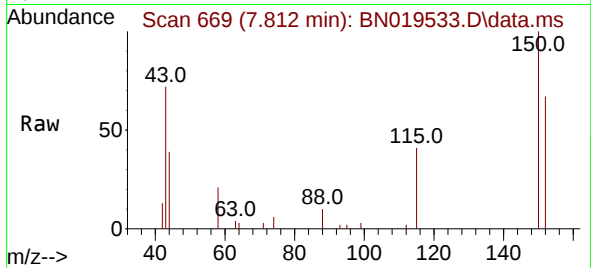




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.812 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: BN019533.D
 Acq: 22 Apr 2022 23:01

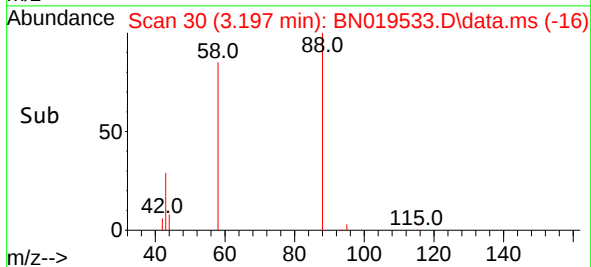
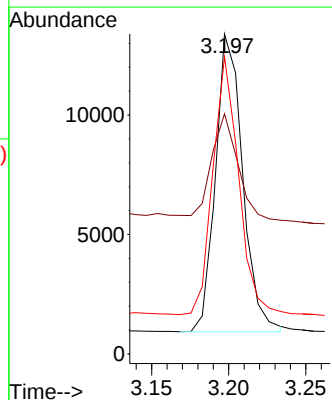
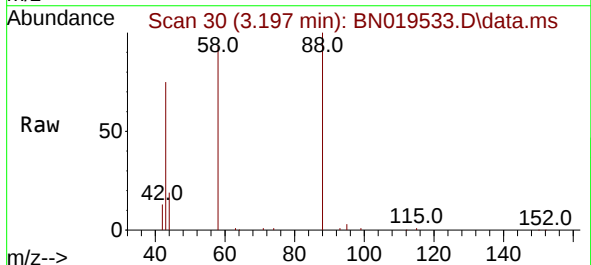
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW172S1-250-252

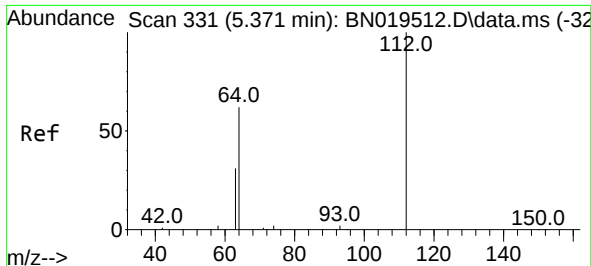
Tgt Ion:152 Resp: 4512
 Ion Ratio Lower Upper
 152 100
 150 150.2 123.9 185.9
 115 62.3 48.2 72.4



#2
 1,4-Dioxane
 Concen: 2.562 ng
 RT: 3.197 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN019533.D
 Acq: 22 Apr 2022 23:01

Tgt Ion: 88 Resp: 15215
 Ion Ratio Lower Upper
 88 100
 43 35.0 24.6 37.0
 58 82.5 65.4 98.2

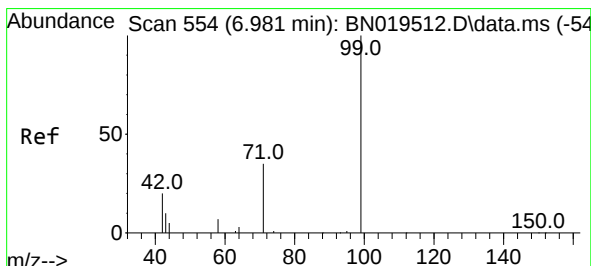
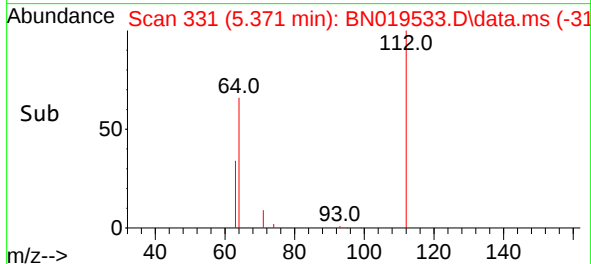
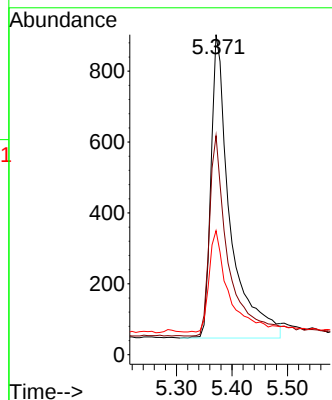
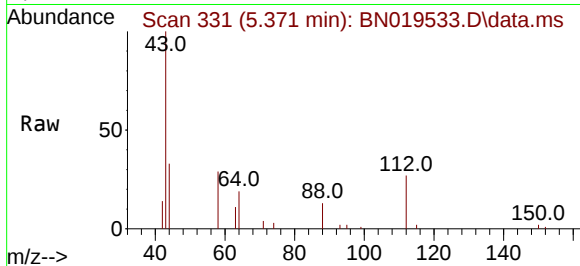




#4
2-Fluorophenol
Concen: 0.213 ng
RT: 5.371 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

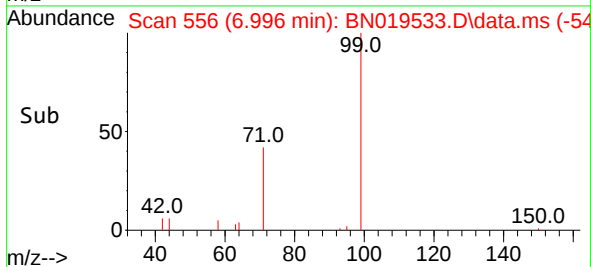
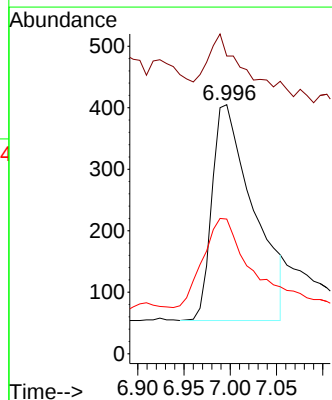
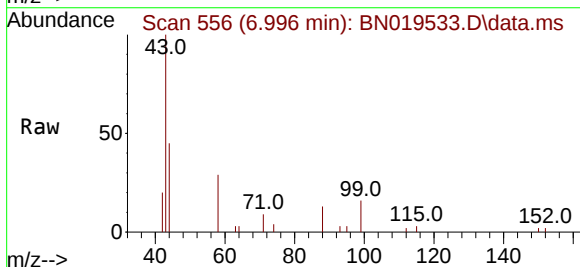
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-250-252

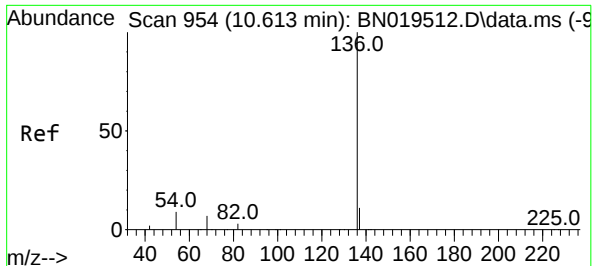
Tgt Ion: 112 Resp: 2056
Ion Ratio Lower Upper
112 100
64 64.8 47.8 71.8
63 34.5 25.7 38.5



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.996 min Scan# 556
Delta R.T. 0.015 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

Tgt Ion: 99 Resp: 1089
Ion Ratio Lower Upper
99 100
42 16.2 16.2 24.4#
71 45.2 27.7 41.5#

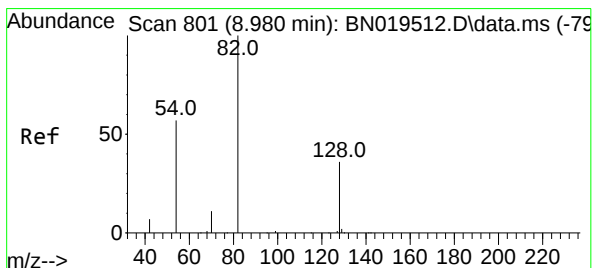
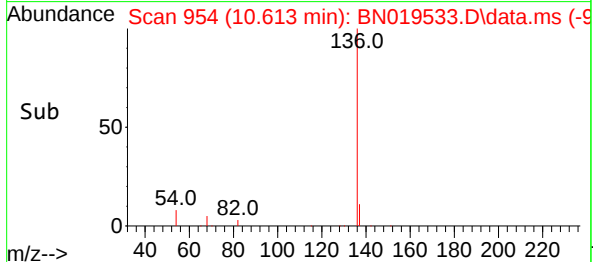
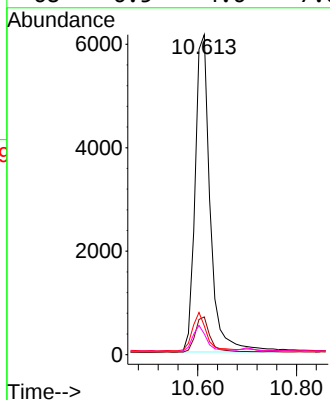
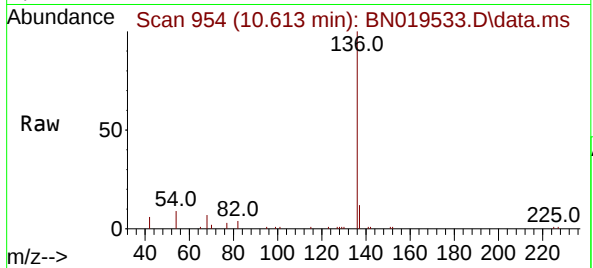




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.613 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

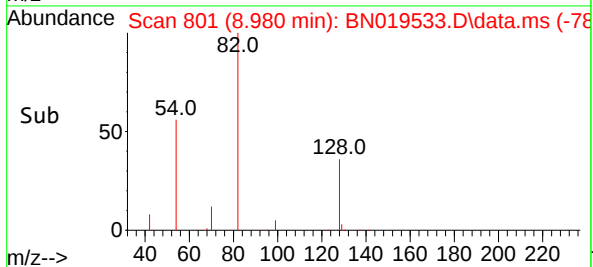
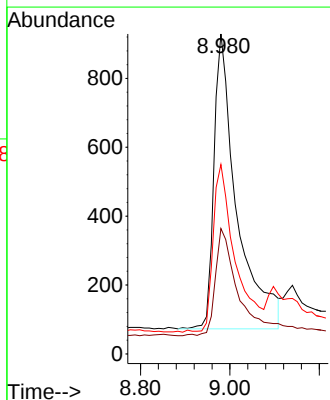
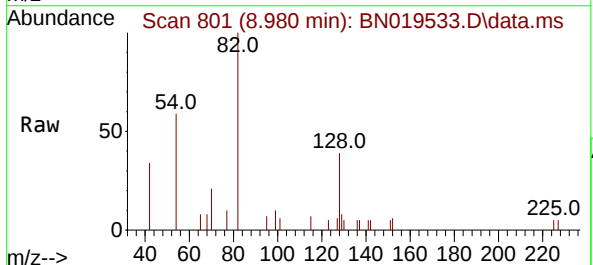
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-250-252

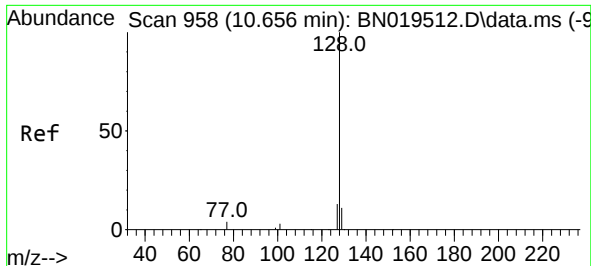
Tgt Ion:	136	Resp:	13057
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	9.0	5.8	8.6#
68	6.5	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.980 min Scan# 801
Delta R.T. 0.000 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

Tgt Ion:	82	Resp:	3035
Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.0	49.6
54	59.2	42.5	63.7

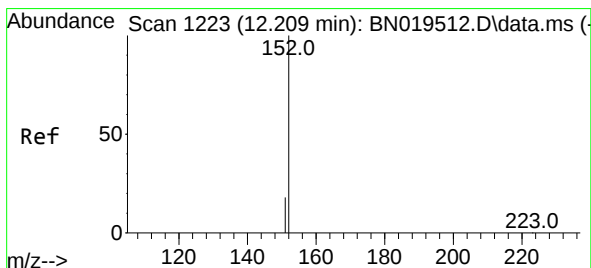
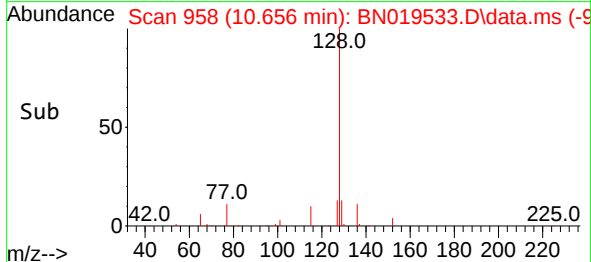
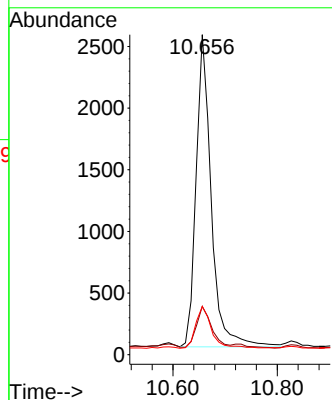
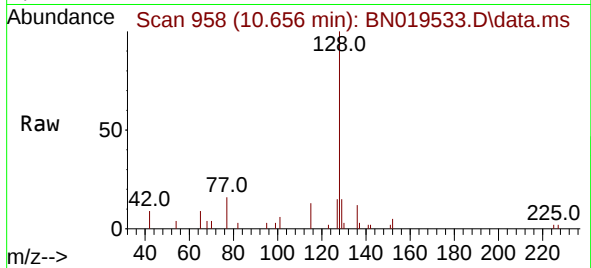




#9
Naphthalene
Concen: 0.135 ng
RT: 10.656 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

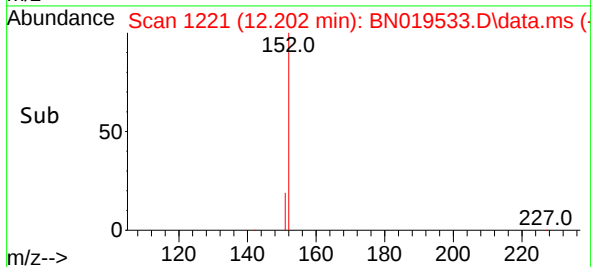
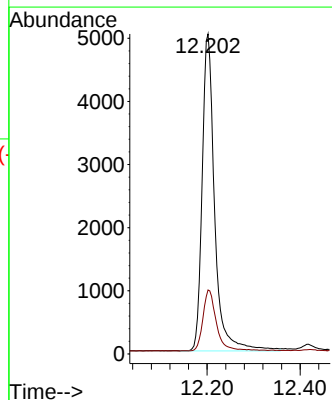
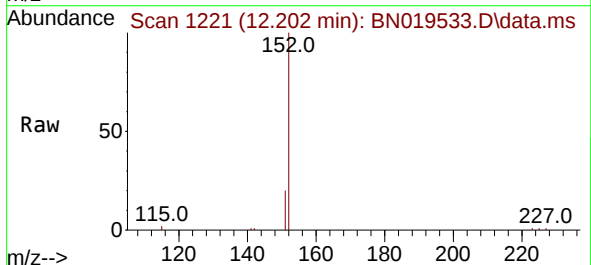
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-250-252

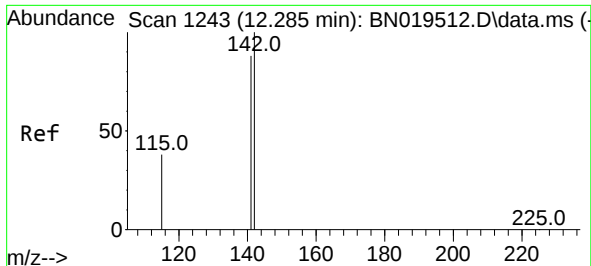
Tgt Ion:128 Resp: 5117
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.4#
127 15.1 10.7 16.1



#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 12.202 min Scan# 1221
Delta R.T. -0.007 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

Tgt Ion:152 Resp: 9336
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7





#12

2-Methylnaphthalene

Concen: 0.110 ng

RT: 12.278 min Scan# 11

Delta R.T. -0.007 min

Lab File: BN019533.D

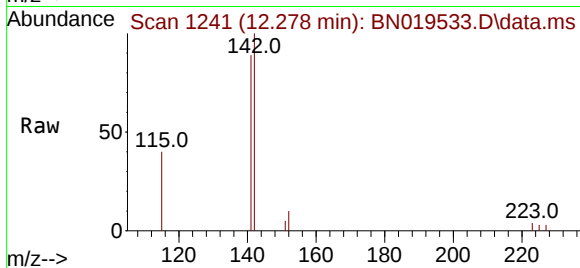
Acq: 22 Apr 2022 23:01

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW172S1-250-252



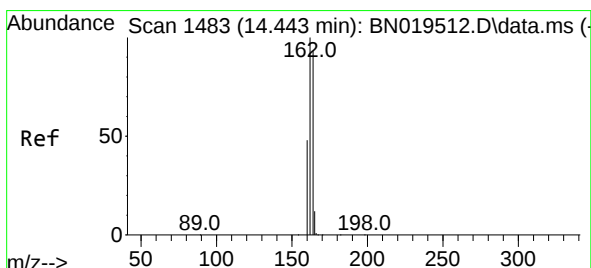
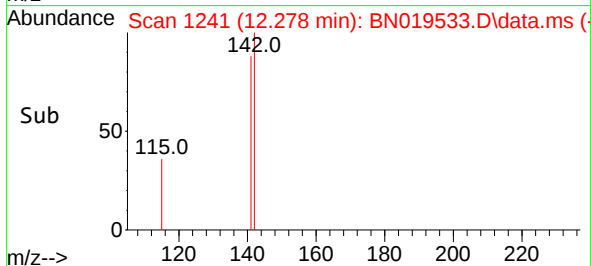
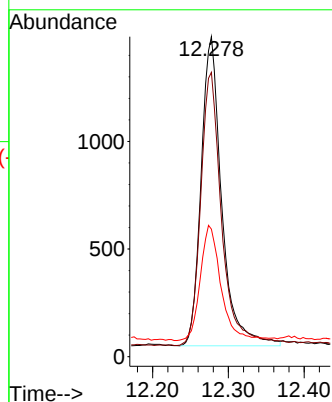
Tgt Ion:142 Resp: 2720

Ion Ratio Lower Upper

142 100

141 88.8 70.0 105.0

115 39.8 29.8 44.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.450 min Scan# 1483

Delta R.T. 0.007 min

Lab File: BN019533.D

Acq: 22 Apr 2022 23:01

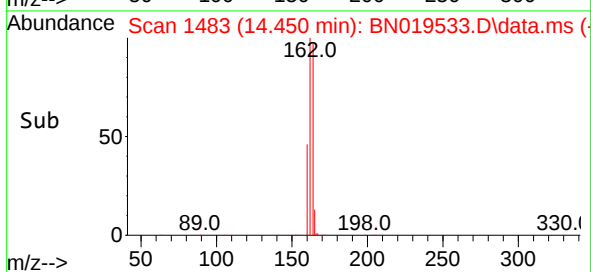
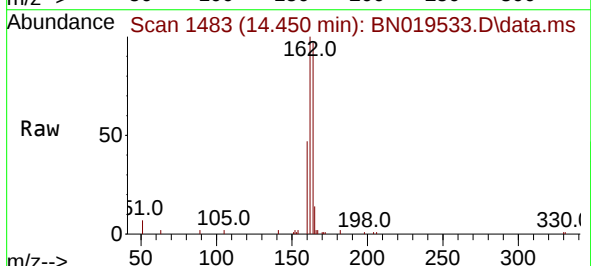
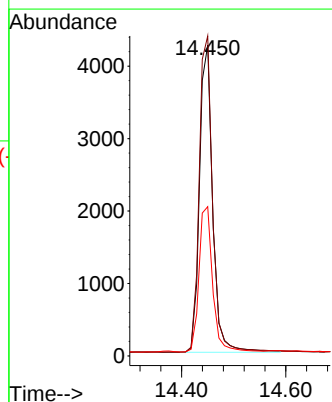
Tgt Ion:164 Resp: 7471

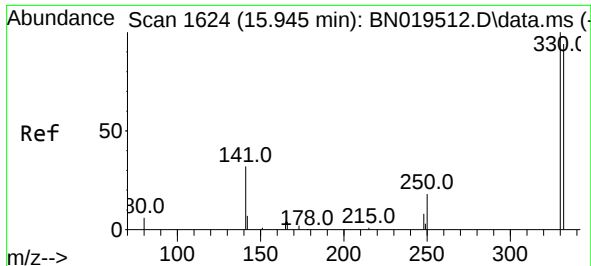
Ion Ratio Lower Upper

164 100

162 102.9 85.2 127.8

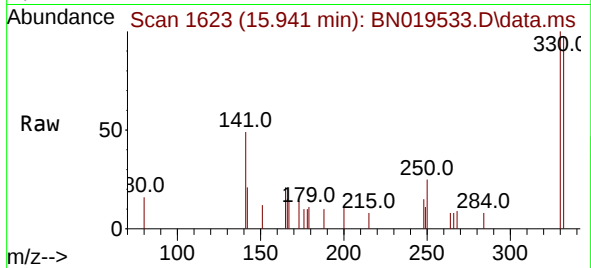
160 48.0 41.5 62.3



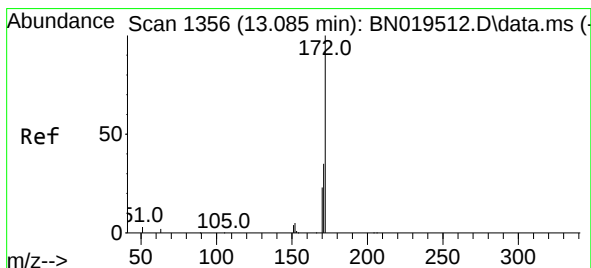
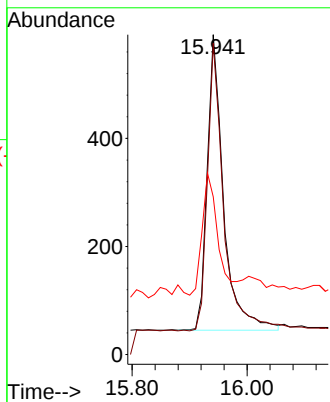
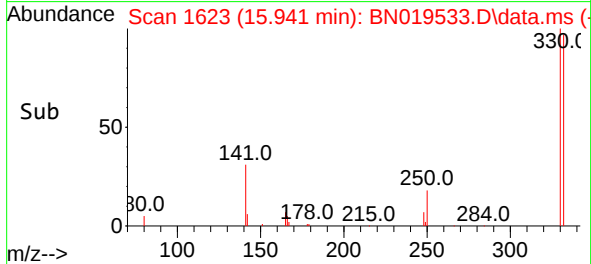


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.941 min Scan# 1624
Delta R.T. -0.004 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-250-252

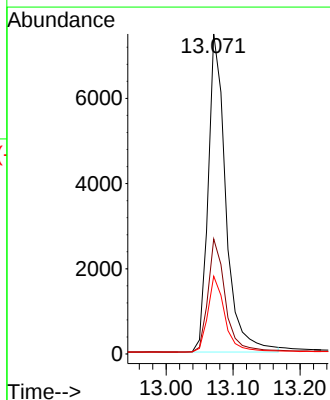
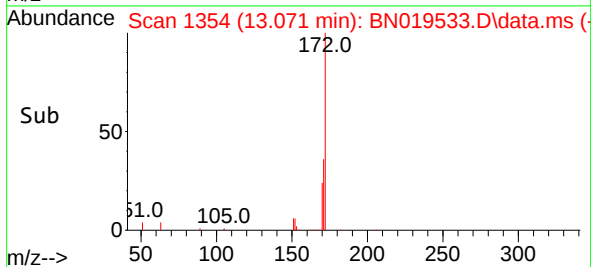
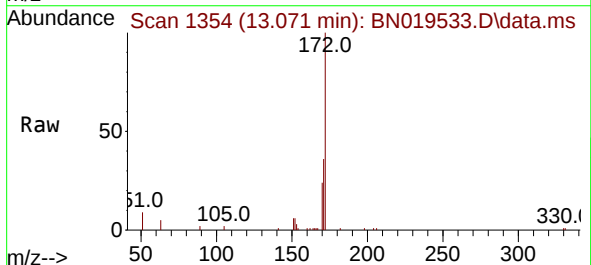


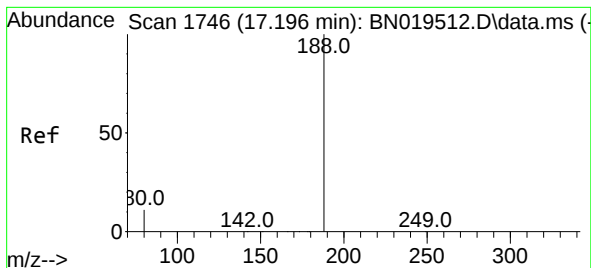
Tgt Ion: 330 Resp: 1087
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 39.8 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 13.071 min Scan# 1354
Delta R.T. -0.014 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

Tgt Ion: 172 Resp: 13738
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.3 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.192 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN019533.D

Acq: 22 Apr 2022 23:01

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW172S1-250-252

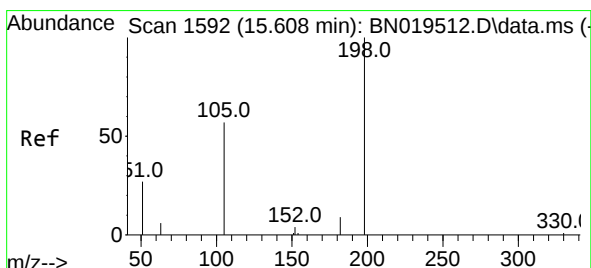
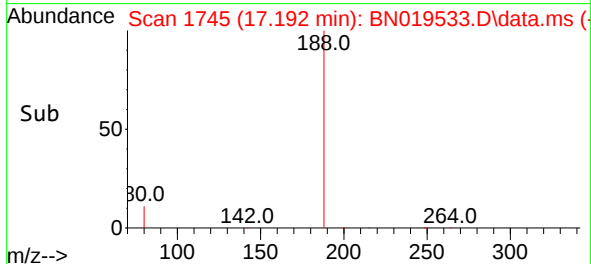
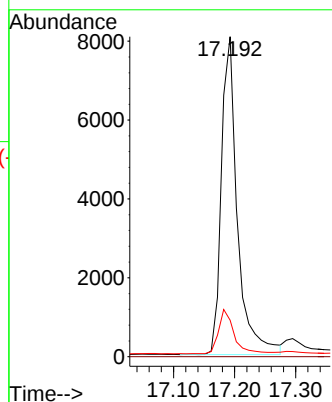
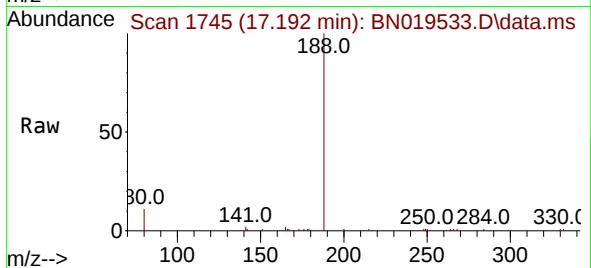
Tgt Ion:188 Resp: 14647

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 11.8 17.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.125 ng

RT: 15.605 min Scan# 1591

Delta R.T. -0.003 min

Lab File: BN019533.D

Acq: 22 Apr 2022 23:01

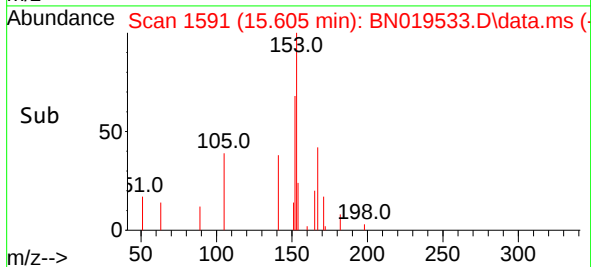
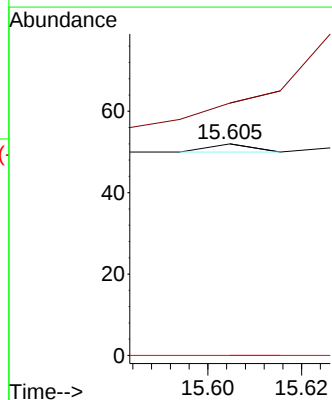
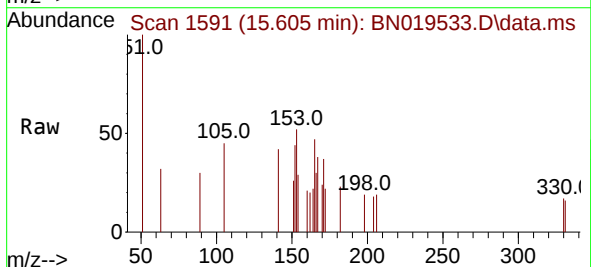
Tgt Ion:198 Resp: 1

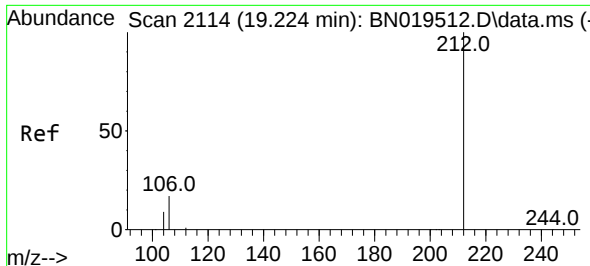
Ion Ratio Lower Upper

198 100

182 119.2 13.0 19.4#

77 0.0 0.0 0.0

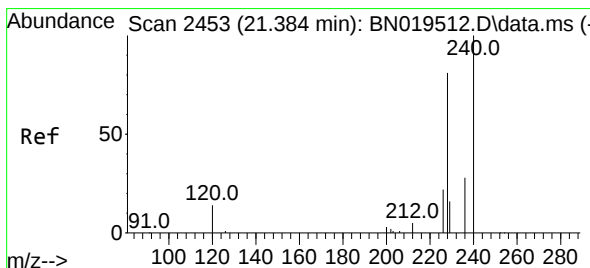
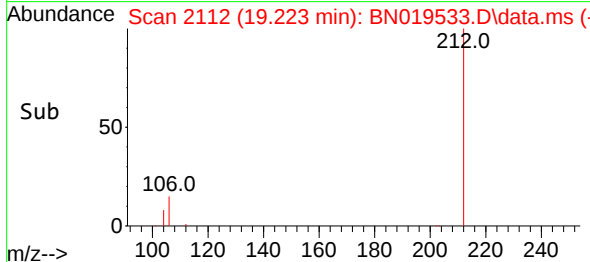
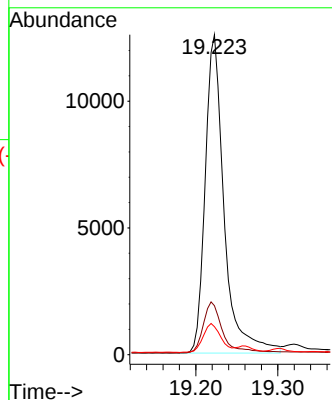
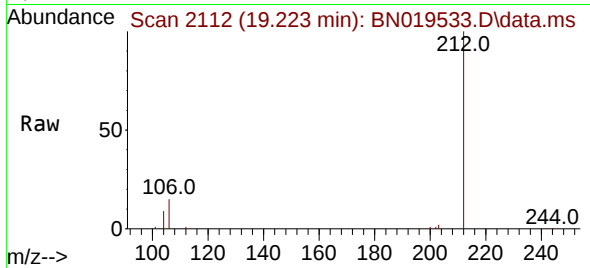




#27
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.223 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

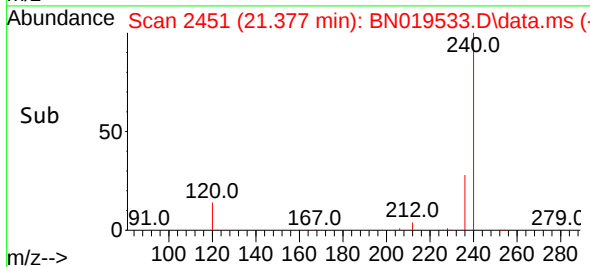
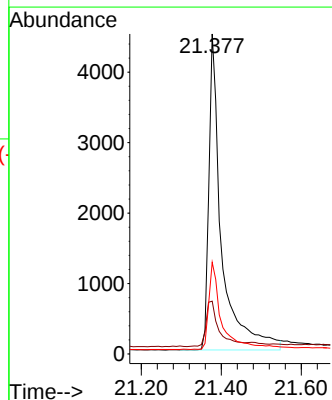
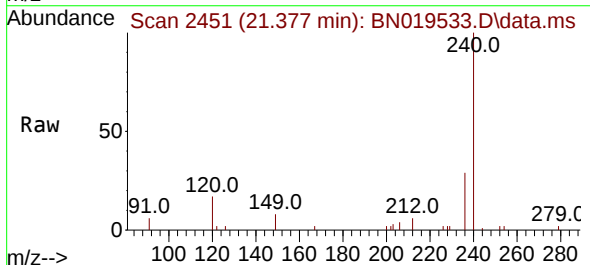
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW172S1-250-252

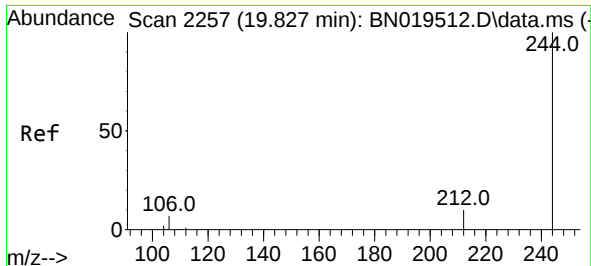
Tgt Ion:212 Resp: 20057
Ion Ratio Lower Upper
212 100
106 16.9 12.7 19.1
104 8.4 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.377 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BN019533.D
Acq: 22 Apr 2022 23:01

Tgt Ion:240 Resp: 9945
Ion Ratio Lower Upper
240 100
120 16.5 8.5 12.7#
236 28.6 22.4 33.6

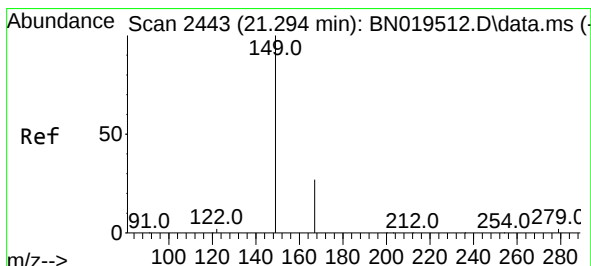
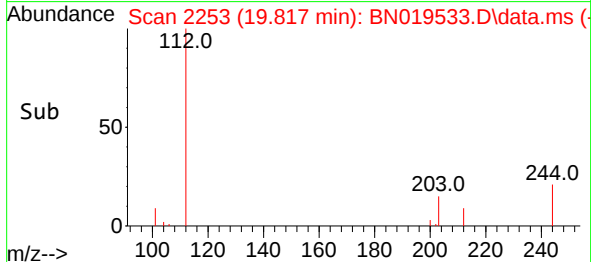
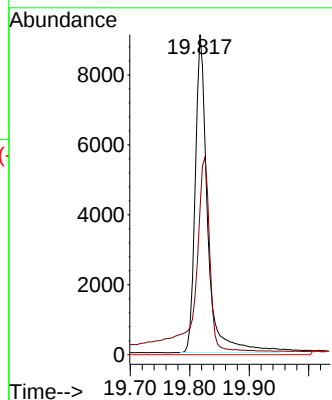
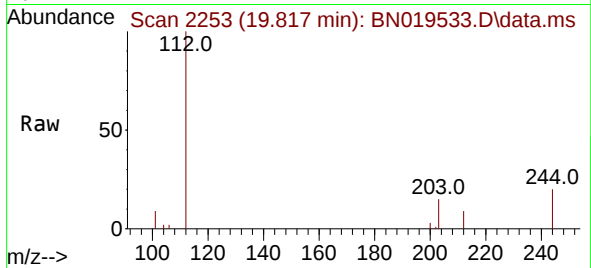




#31
 Terphenyl-d14
 Concen: 0.588 ng
 RT: 19.817 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BN019533.D
 Acq: 22 Apr 2022 23:01

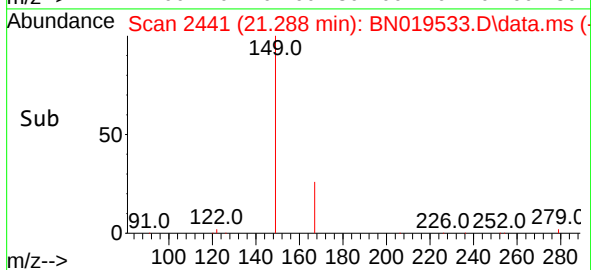
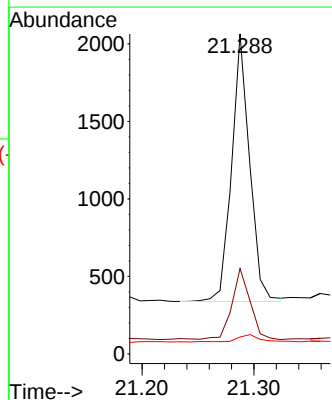
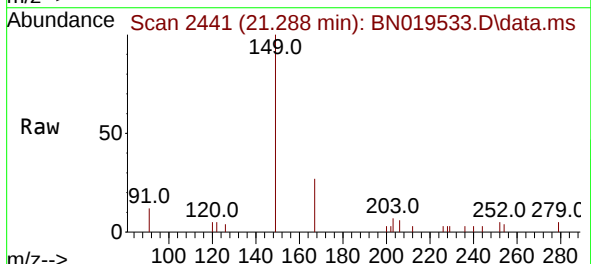
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW172S1-250-252

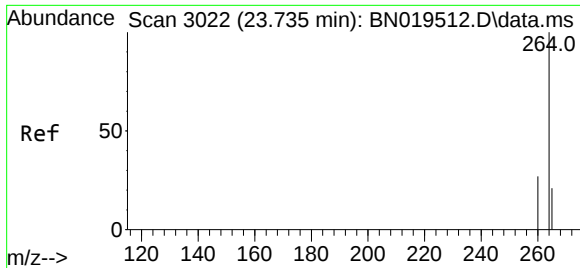
Tgt Ion:244 Resp: 13194
 Ion Ratio Lower Upper
 244 100
 212 45.6 8.2 12.4#
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.288 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: BN019533.D
 Acq: 22 Apr 2022 23:01

Tgt Ion:149 Resp: 1924
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.8
 279 3.6 2.0 3.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.726 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN019533.D

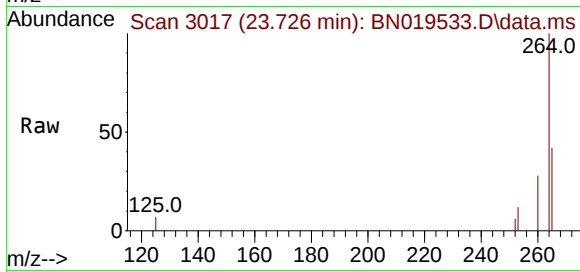
Acq: 22 Apr 2022 23:01

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW172S1-250-252



Tgt Ion:264 Resp: 6864

Ion Ratio Lower Upper

264 100

260 27.9 22.4 33.6

265 42.1 25.3 37.9#

