

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021494.D
 Acq On : 31 Aug 2022 17:13
 Operator : CG/JU
 Sample : N4297-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20220820

Quant Time: Sep 01 03:20:31 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)

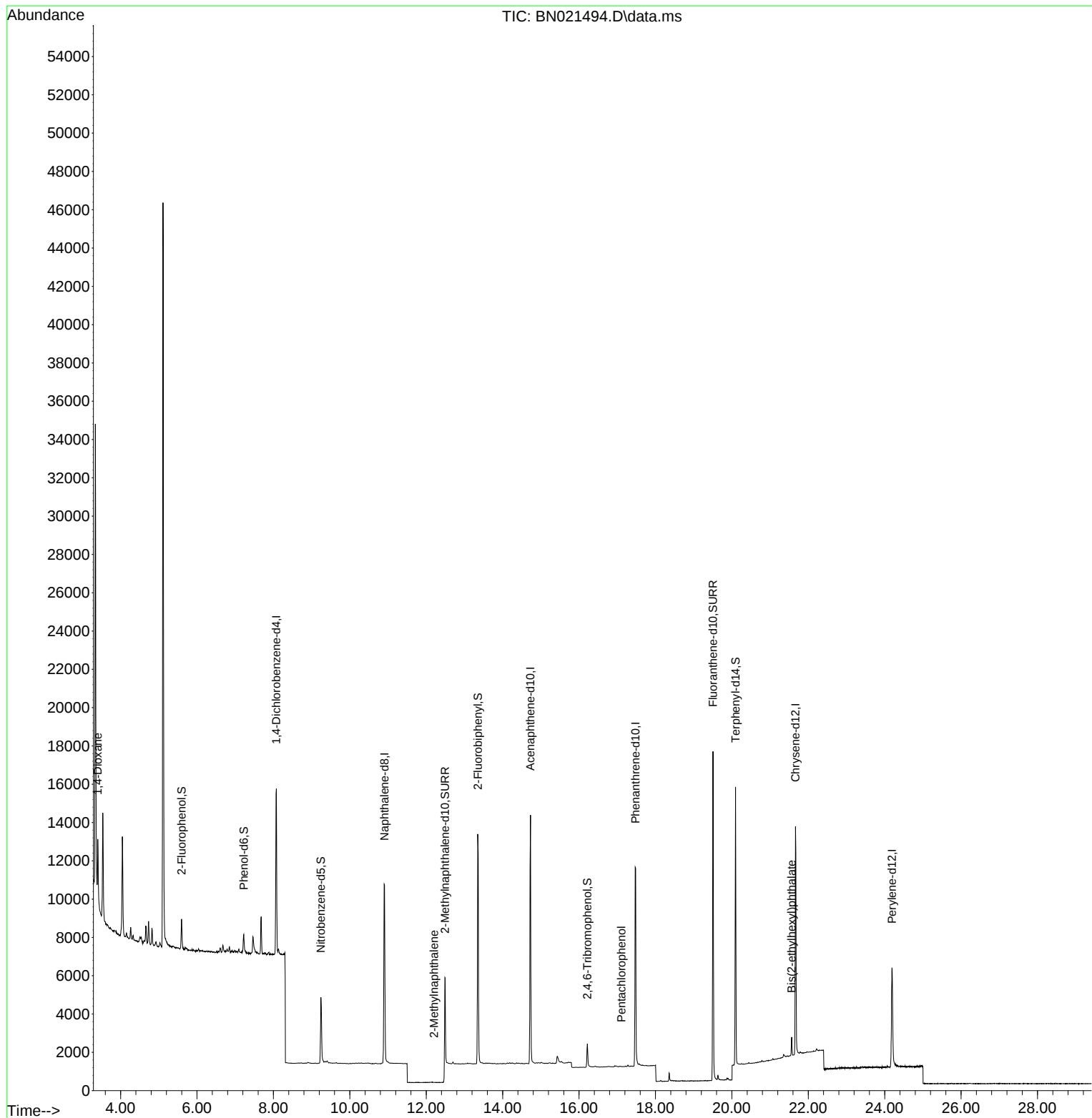
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4552	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14184	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	7562	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	15999	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11866	0.400	ng	# 0.00
35) Perylene-d12	24.191	264	8567	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1424	0.160	ng	0.00
5) Phenol-d6	7.224	99	1024	0.090	ng	0.00
8) Nitrobenzene-d5	9.243	82	3164	0.330	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	12133	0.380	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	783	0.315	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	11668	0.353	ng	-0.01
27) Fluoranthene-d10	19.506	212	19039	0.463	ng	0.00
31) Terphenyl-d14	20.097	244	12779	0.479	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	1845	0.324	ng	# 93
12) 2-Methylnaphthalene	12.202	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.111	266	6	0.204	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.566	149	1088	0.065	ng	# 90

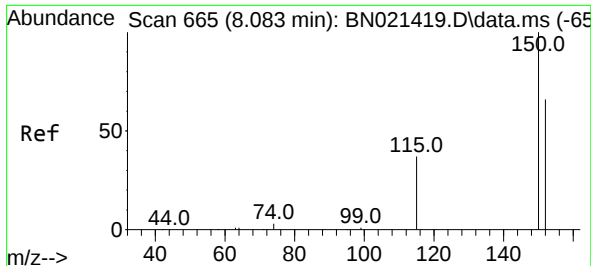
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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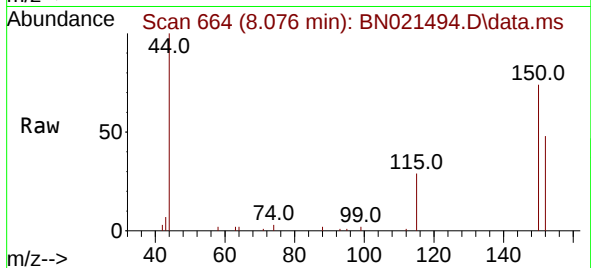
Quant Time: Sep 01 03:20:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
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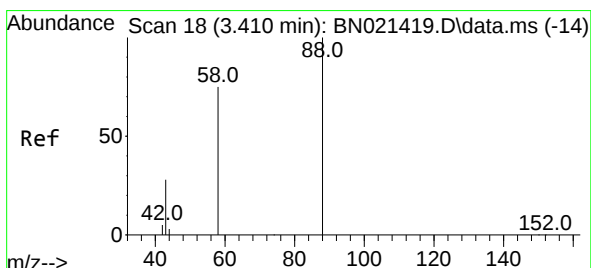
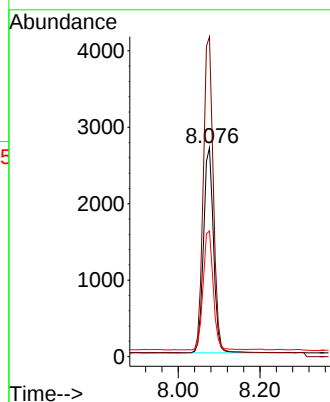
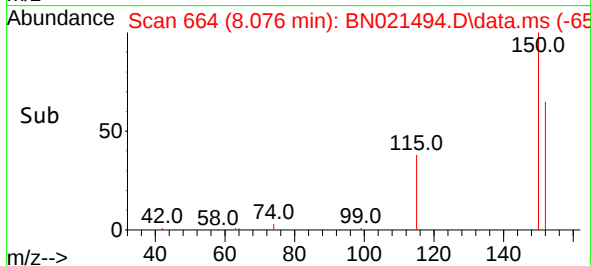


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

Instrument :
BNA_N
ClientSampleId :
MW203D-20220820

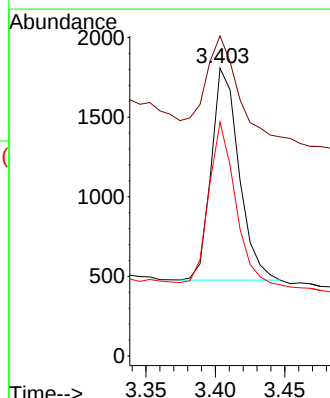
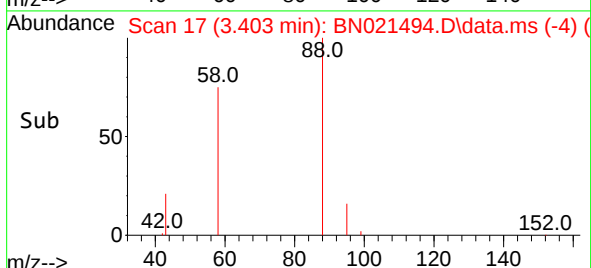
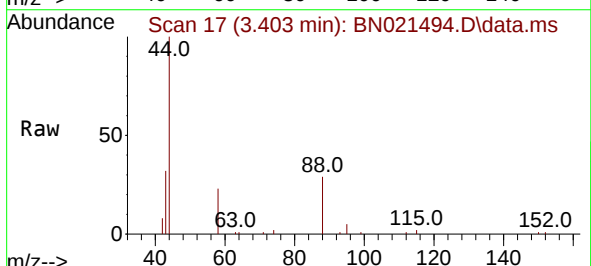


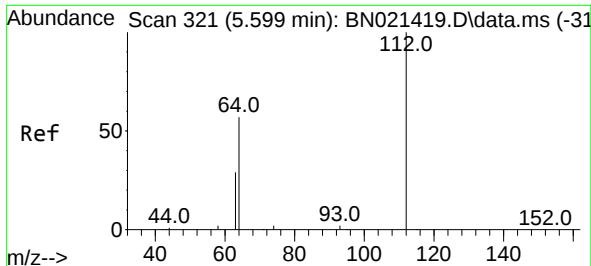
Tgt Ion:152 Resp: 4552
Ion Ratio Lower Upper
152 100
150 153.2 121.4 182.0
115 60.2 48.6 72.8



#2
1,4-Dioxane
Concen: 0.324 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.007 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

Tgt Ion: 88 Resp: 1845
Ion Ratio Lower Upper
88 100
43 53.8 35.8 53.8#
58 73.6 57.1 85.7

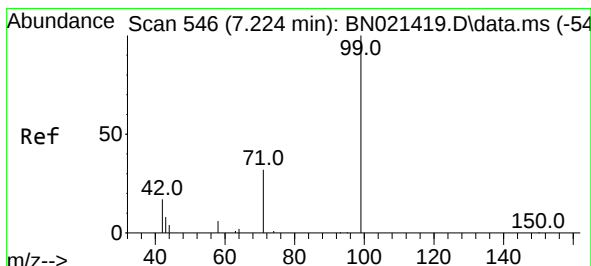
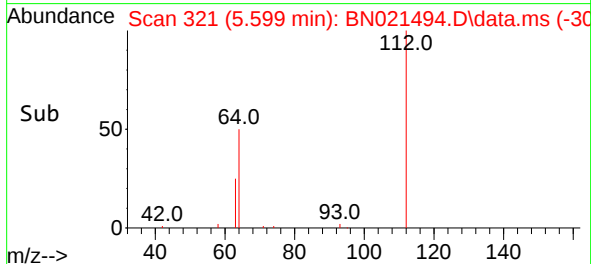
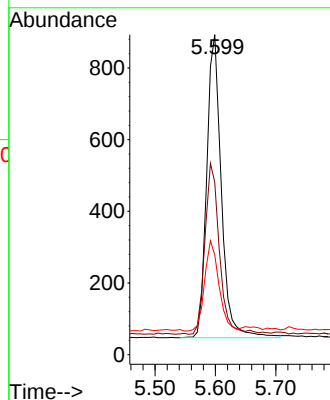
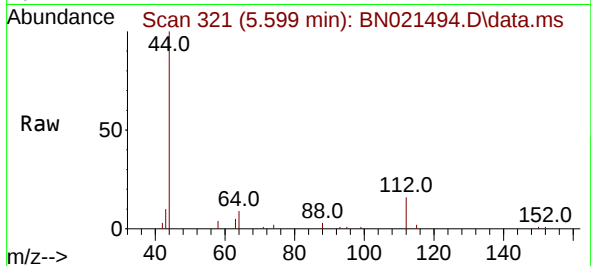




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

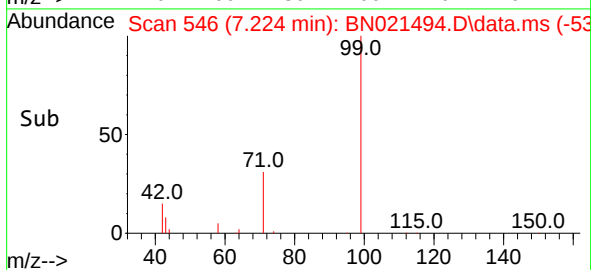
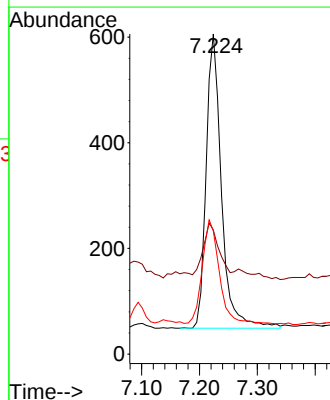
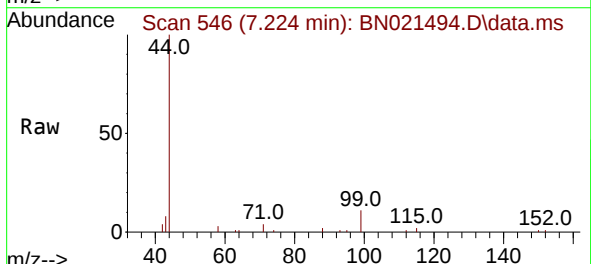
Instrument :
BNA_N
ClientSampleId :
MW203D-20220820

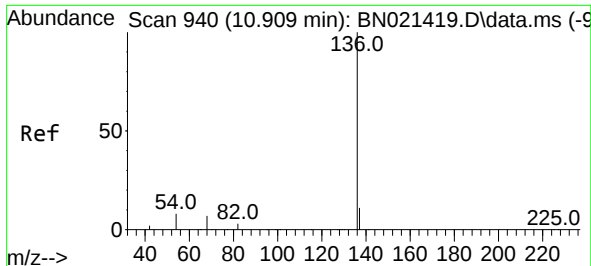
Tgt Ion:112 Resp: 1424
Ion Ratio Lower Upper
112 100
64 56.2 43.5 65.3
63 28.9 22.6 34.0



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

Tgt Ion: 99 Resp: 1024
Ion Ratio Lower Upper
99 100
42 17.4 15.5 23.3
71 39.8 24.2 36.2#

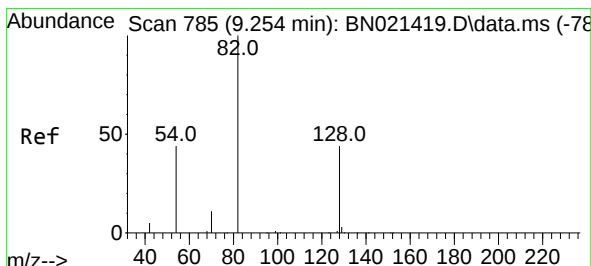
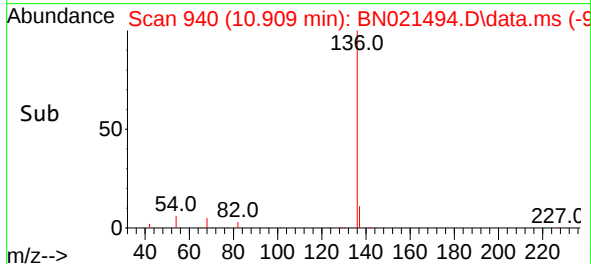
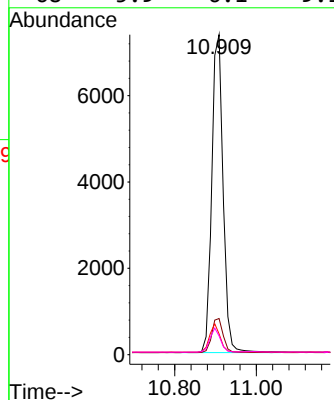
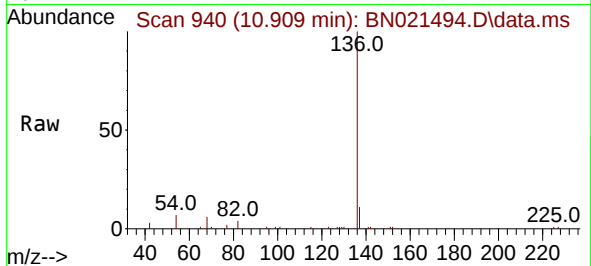




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

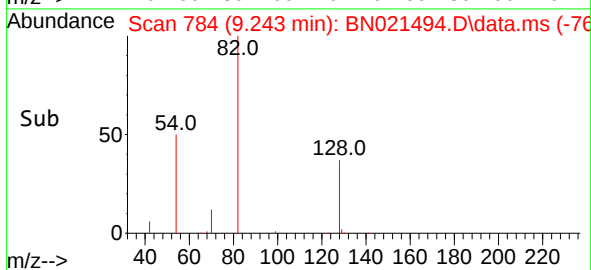
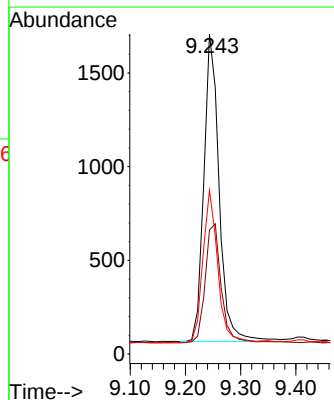
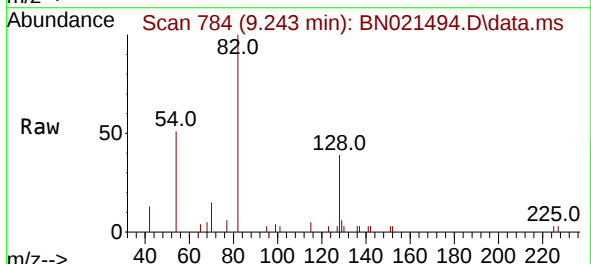
Instrument :
BNA_N
ClientSampleId :
MW203D-20220820

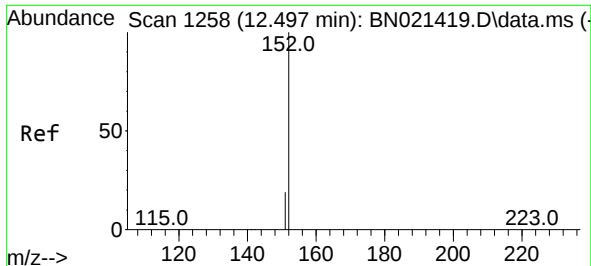
Tgt Ion:	136	Resp:	14184
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	6.5	6.9	10.3#
68	5.9	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

Tgt Ion:	82	Resp:	3164
Ion Ratio	Lower	Upper	
82	100		
128	38.8	30.9	46.3
54	51.2	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.490 min Scan# 1180

Delta R.T. -0.007 min

Lab File: BN021494.D

Acq: 31 Aug 2022 17:13

Instrument :

BNA_N

ClientSampleId :

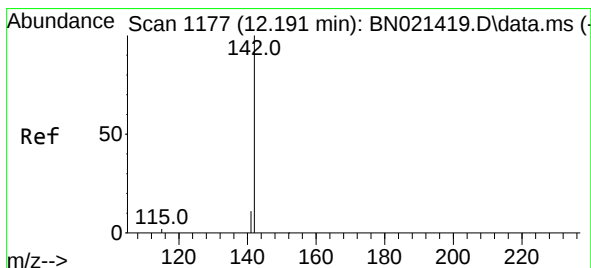
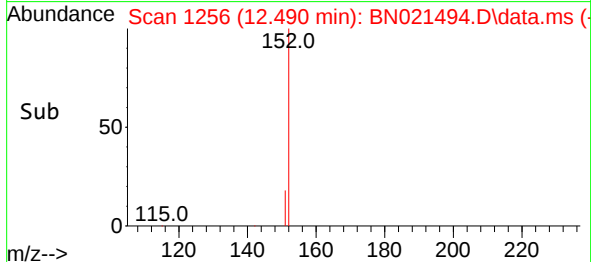
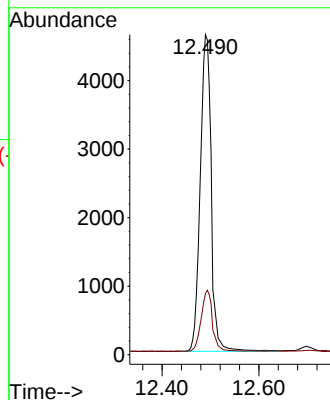
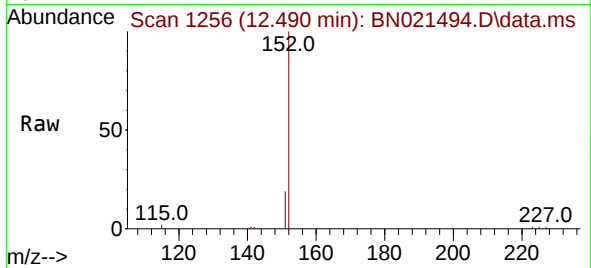
MW203D-20220820

Tgt Ion:152 Resp: 12133

Ion Ratio Lower Upper

152 100

151 16.5 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: BN021494.D

Acq: 31 Aug 2022 17:13

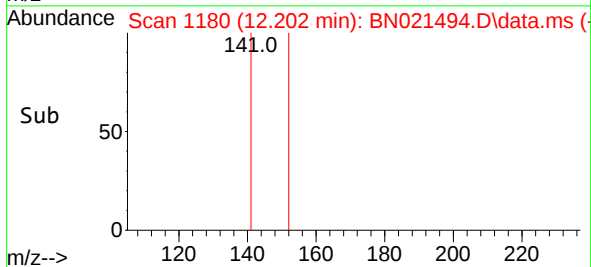
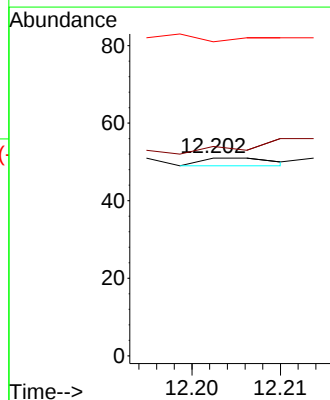
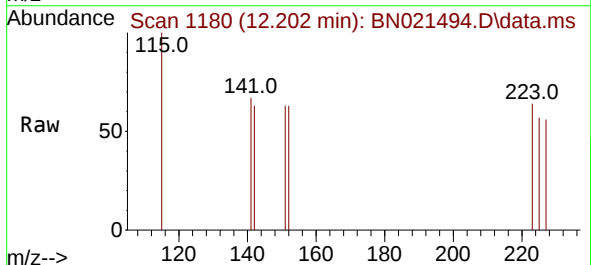
Tgt Ion:142 Resp: 1

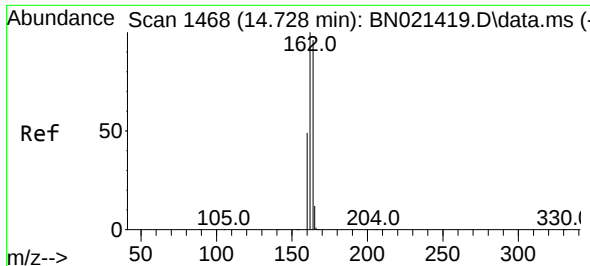
Ion Ratio Lower Upper

142 100

141 105.9 12.2 18.2#

115 158.8 7.9 11.9#

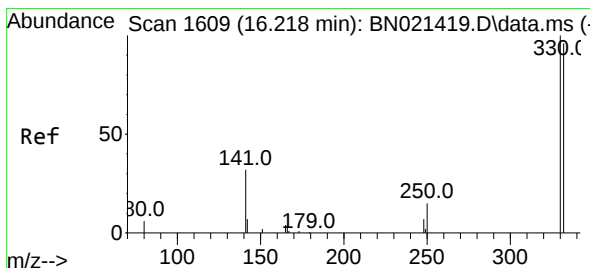
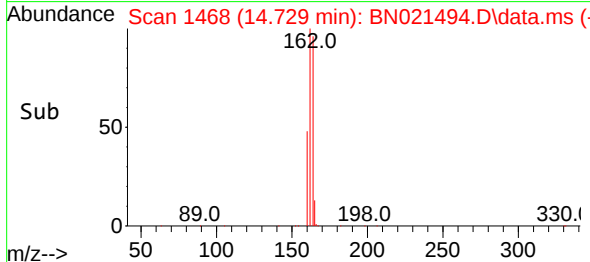
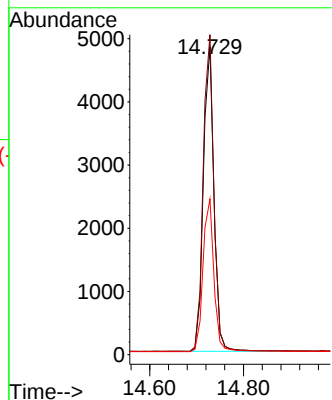
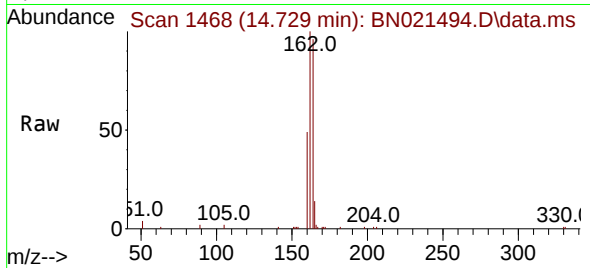




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

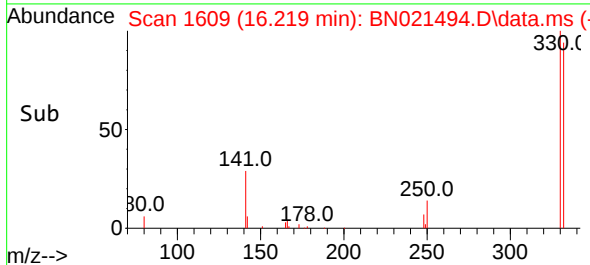
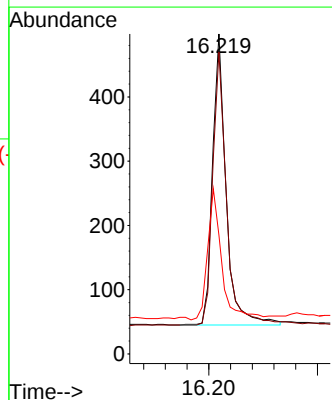
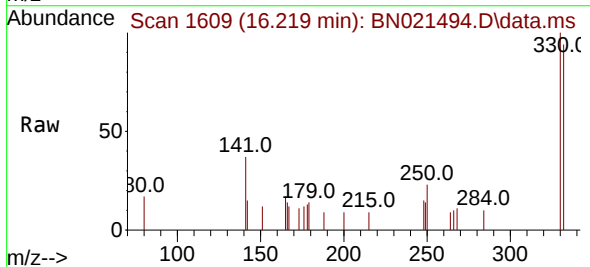
Instrument :
BNA_N
ClientSampleId :
MW203D-20220820

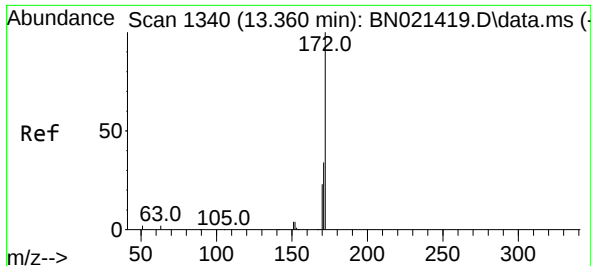
Tgt Ion:	164	Resp:	7562
Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	50.5	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

Tgt Ion:	330	Resp:	783
Ion	Ratio	Lower	Upper
330	100		
332	94.6	79.3	118.9
141	47.3	37.1	55.7

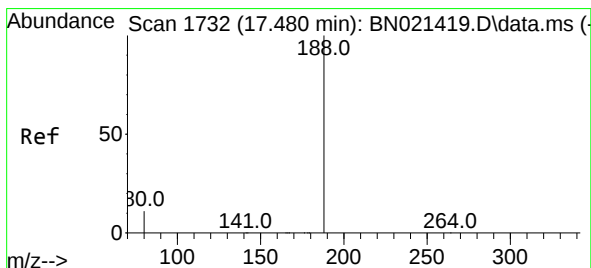
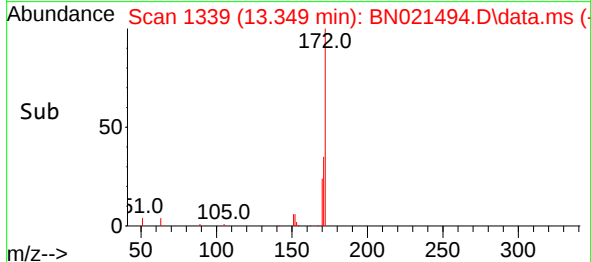
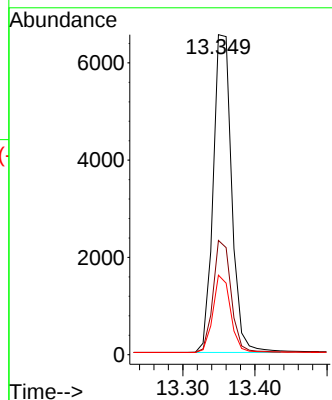
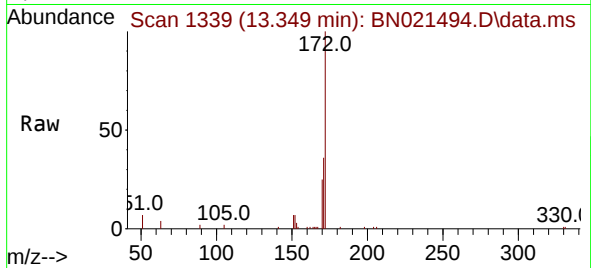




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.349 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

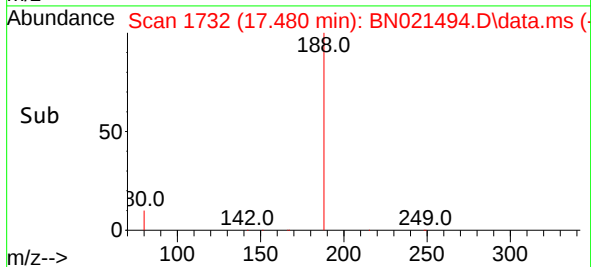
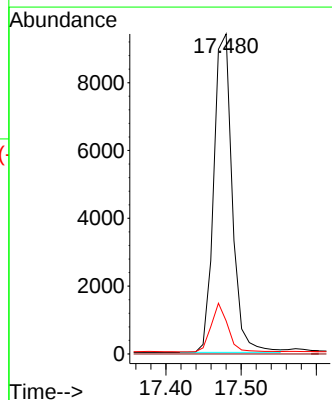
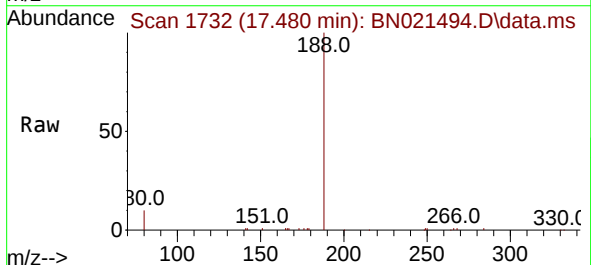
Instrument :
BNA_N
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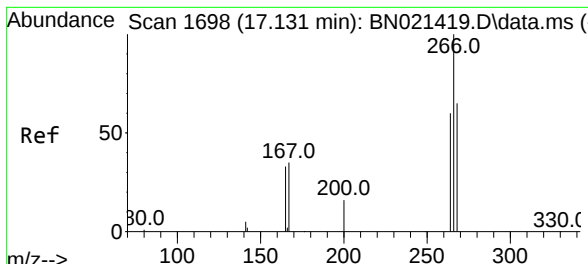
Tgt Ion:172 Resp: 11668
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 24.8 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

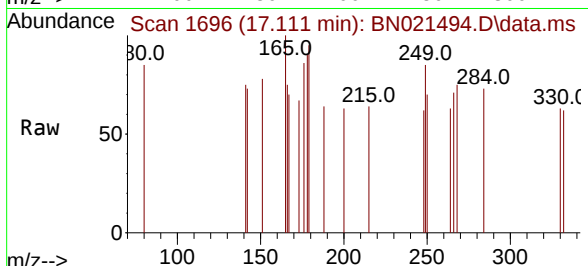
Tgt Ion:188 Resp: 15999
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.5 14.3



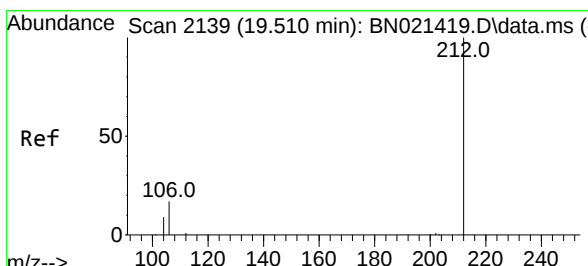
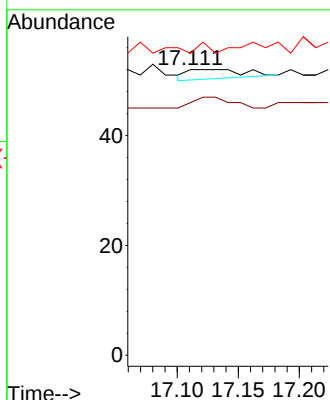
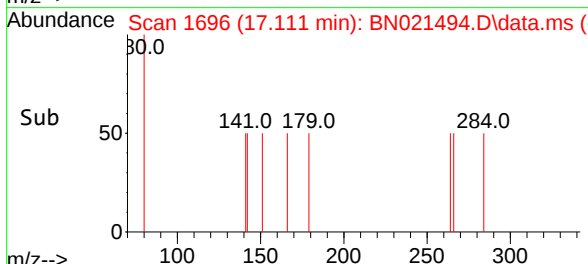


#24
 Pentachlorophenol
 Concen: 0.204 ng
 RT: 17.111 min Scan# 1696
 Delta R.T. -0.020 min
 Lab File: BN021494.D
 Acq: 31 Aug 2022 17:13

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20220820

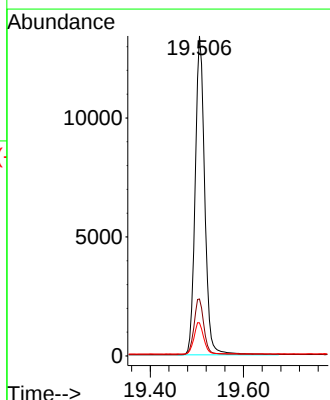
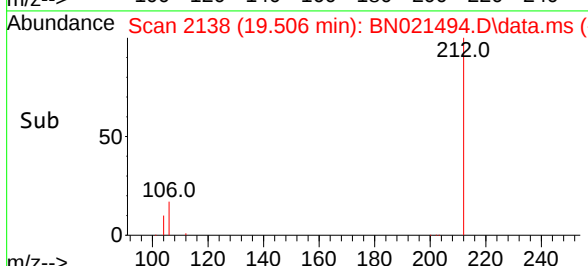
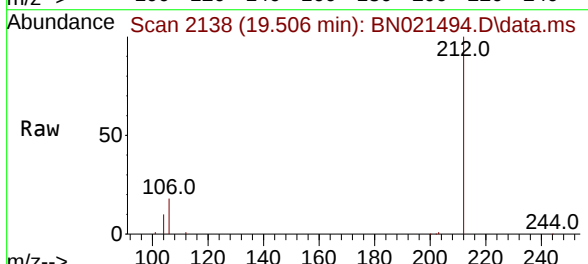


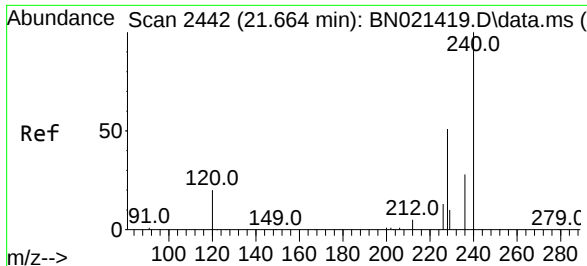
Tgt Ion:	266	Resp:	6
Ion Ratio	Lower	Upper	
266	100		
264	66.7	49.0	73.6
268	16.7	50.9	76.3



#27
 Fluoranthene-d10
 Concen: 0.463 ng
 RT: 19.506 min Scan# 2138
 Delta R.T. -0.004 min
 Lab File: BN021494.D
 Acq: 31 Aug 2022 17:13

Tgt Ion:	212	Resp:	19039
Ion Ratio	Lower	Upper	
212	100		
106	17.9	14.2	21.2
104	10.0	7.8	11.6

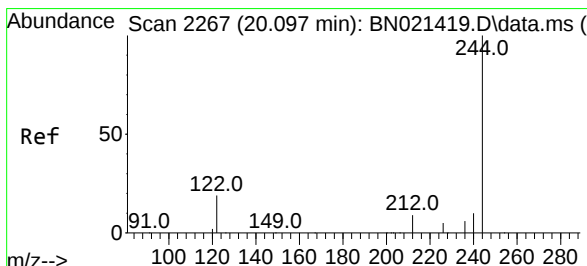
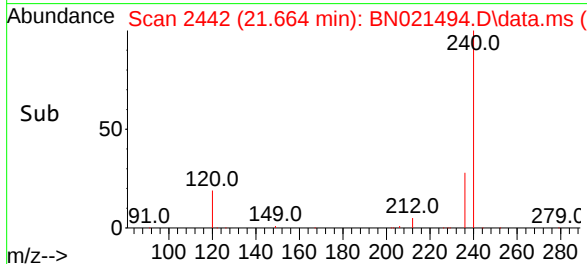
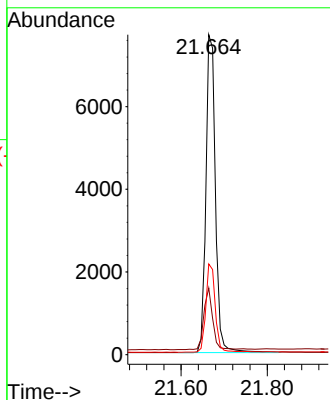
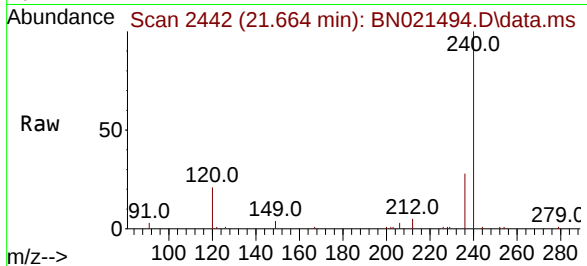




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

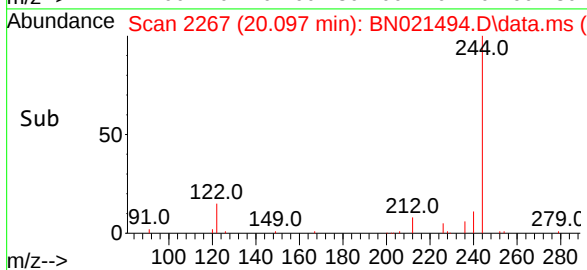
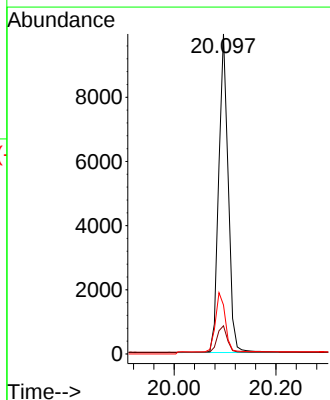
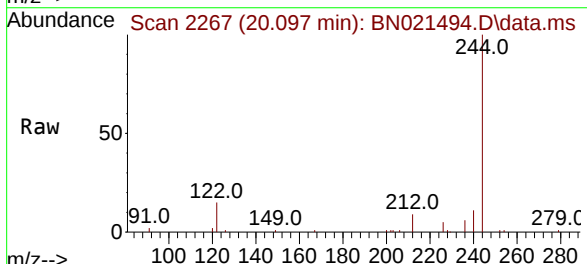
Instrument :
BNA_N
ClientSampleId :
MW203D-20220820

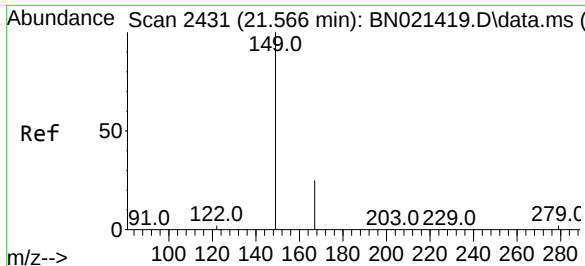
Tgt Ion:240 Resp: 11866
Ion Ratio Lower Upper
240 100
120 20.9 10.2 15.4#
236 28.3 22.1 33.1



#31
Terphenyl-d14
Concen: 0.479 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021494.D
Acq: 31 Aug 2022 17:13

Tgt Ion:244 Resp: 12779
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 15.3 9.1 13.7#

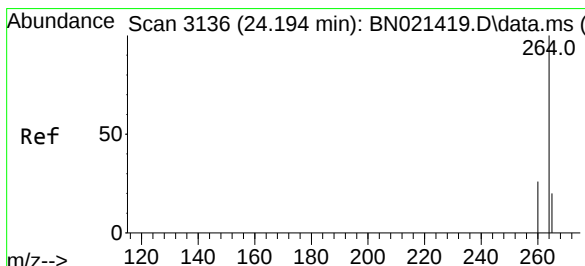
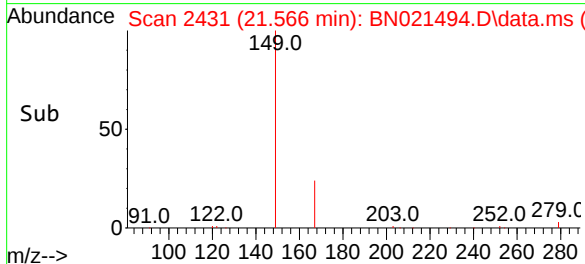
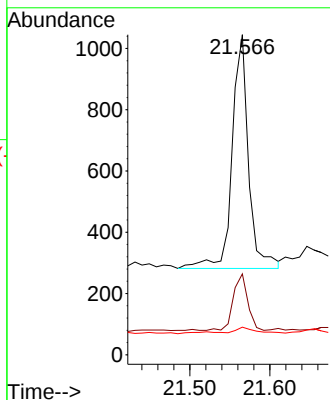
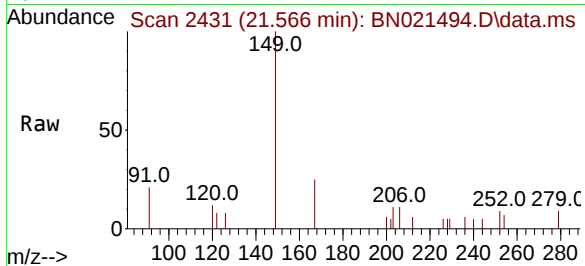




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021494.D
 Acq: 31 Aug 2022 17:13

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20220820

Tgt Ion:149 Resp: 1088
 Ion Ratio Lower Upper
 149 100
 167 21.0 21.4 32.0#
 279 2.8 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.191 min Scan# 3135
 Delta R.T. -0.003 min
 Lab File: BN021494.D
 Acq: 31 Aug 2022 17:13

Tgt Ion:264 Resp: 8567
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.0 31.6
 265 36.1 32.2 48.2

