

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021429.D
 Acq On : 29 Aug 2022 19:27
 Operator : CG/JU
 Sample : N4281-17DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20220819DL

Quant Time: Aug 30 01:15:58 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)

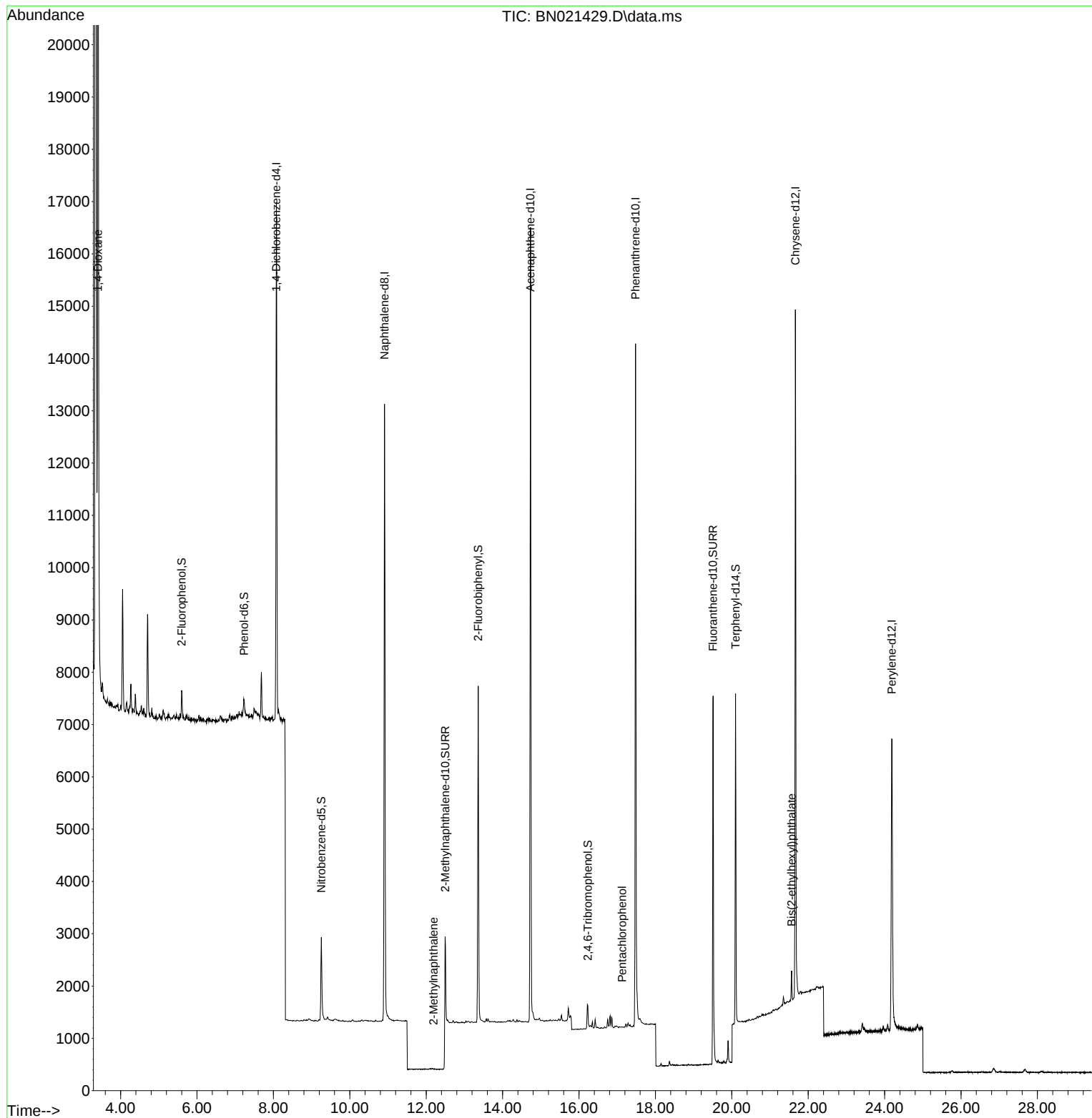
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5104	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16137	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8496	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	18047	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12447	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	9079	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	505	0.051	ng	0.00
5) Phenol-d6	7.231	99	345	0.027	ng	0.00
8) Nitrobenzene-d5	9.254	82	1517	0.139	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	4966	0.137	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	347	0.124	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	5726	0.154	ng	0.00
27) Fluoranthene-d10	19.510	212	8007	0.173	ng	0.00
31) Terphenyl-d14	20.097	244	5511	0.197	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	20516	3.214	ng	# 90
12) 2-Methylnaphthalene	12.195	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	6	0.204	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.565	149	599	0.034	ng	# 97

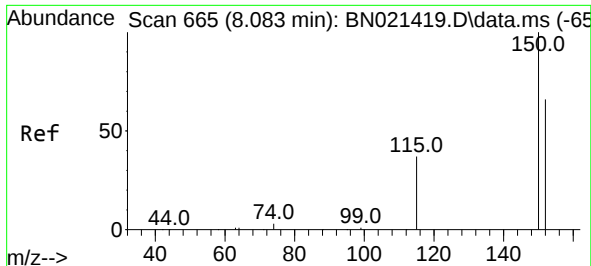
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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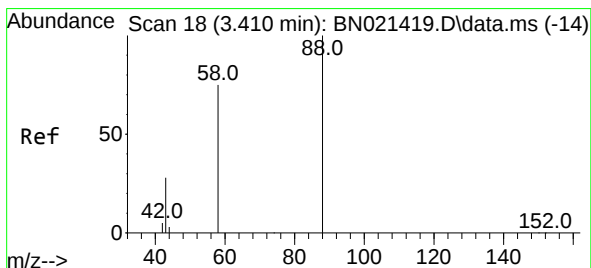
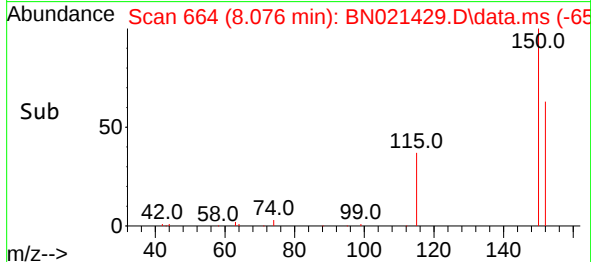
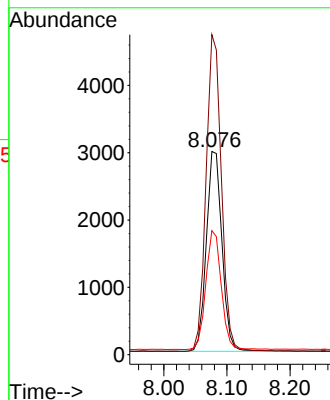
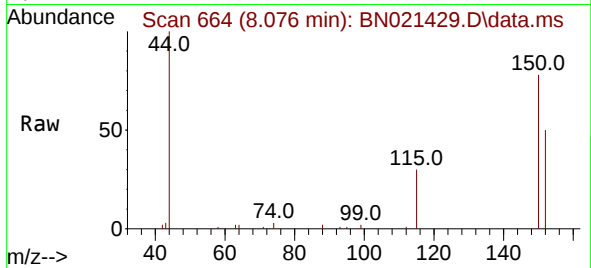




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN021429.D
 Acq: 29 Aug 2022 19:27

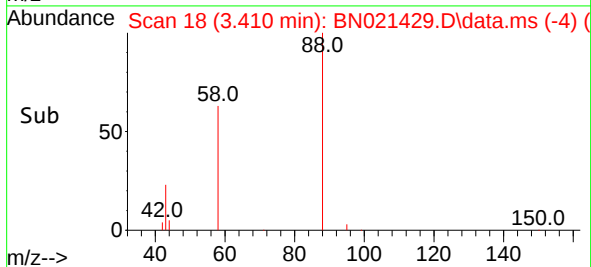
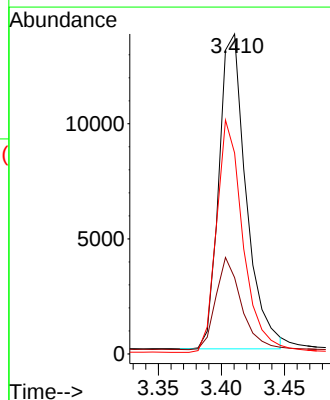
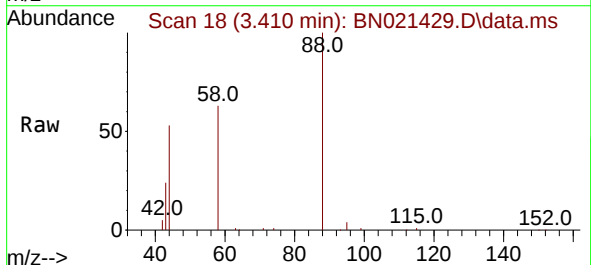
Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20220819DL

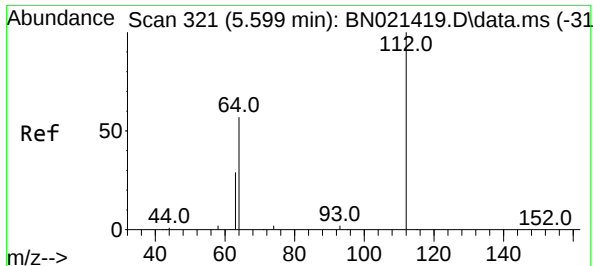
Tgt Ion:152 Resp: 5104
 Ion Ratio Lower Upper
 152 100
 150 157.5 121.4 182.0
 115 61.1 48.6 72.8



#2
 1,4-Dioxane
 Concen: 3.214 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021429.D
 Acq: 29 Aug 2022 19:27

Tgt Ion: 88 Resp: 20516
 Ion Ratio Lower Upper
 88 100
 43 27.4 35.8 53.8#
 58 71.3 57.1 85.7

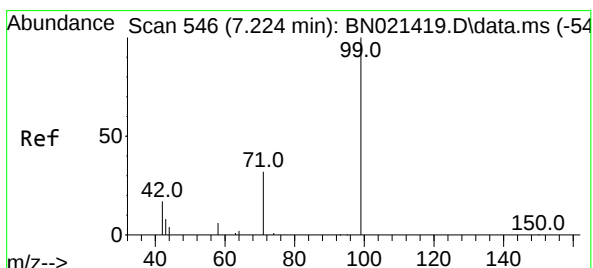
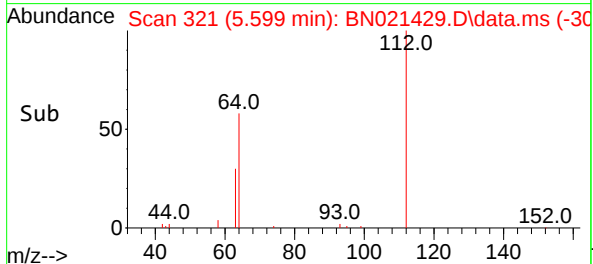
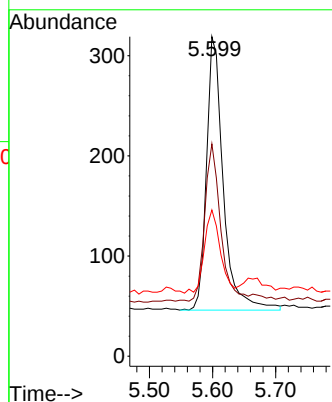
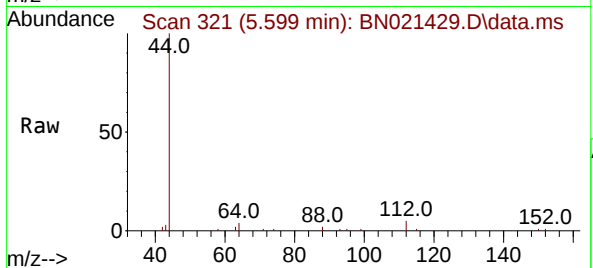




#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.599 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

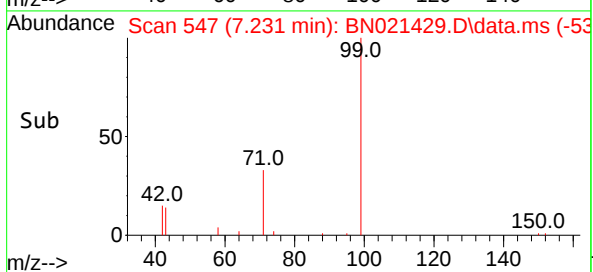
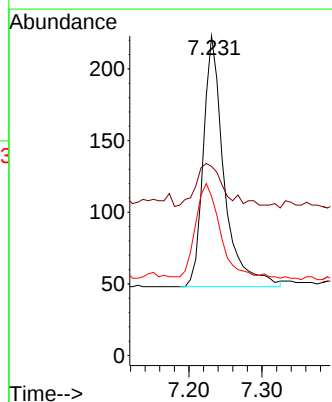
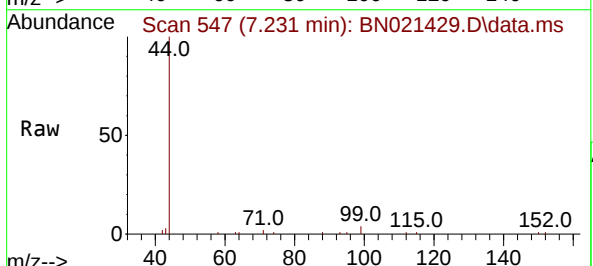
Instrument :
BNA_N
ClientSampleId :
MW201D-20220819DL

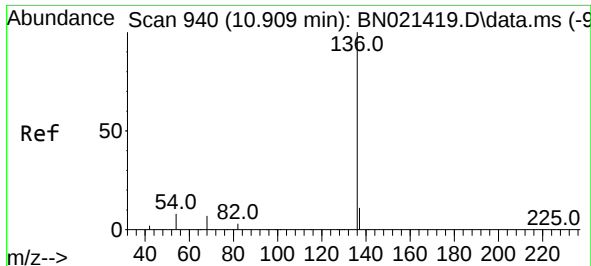
Tgt Ion:112 Resp: 505
Ion Ratio Lower Upper
112 100
64 52.9 43.5 65.3
63 28.7 22.6 34.0



#5
Phenol-d6
Concen: 0.027 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

Tgt Ion: 99 Resp: 345
Ion Ratio Lower Upper
99 100
42 20.6 15.5 23.3
71 45.5 24.2 36.2#

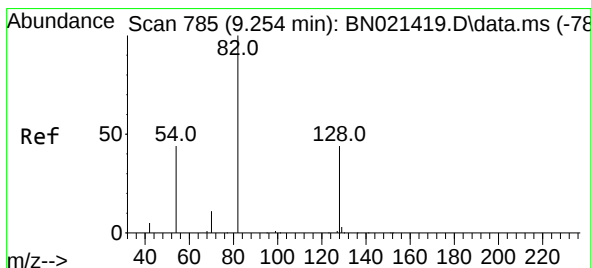
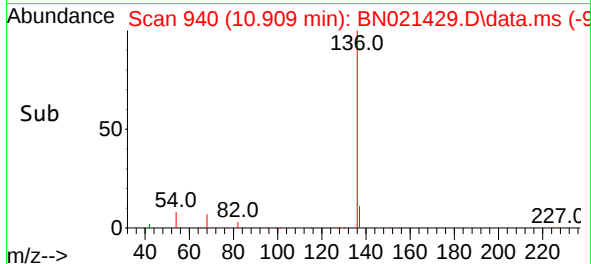
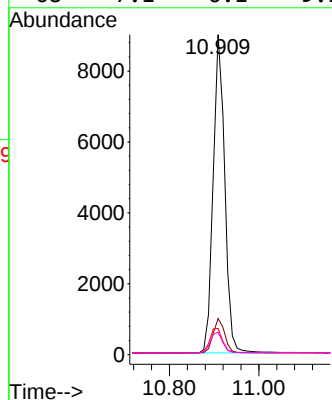
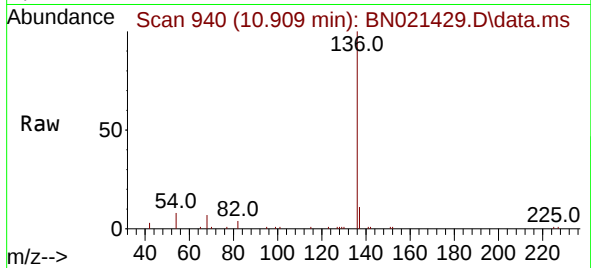




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

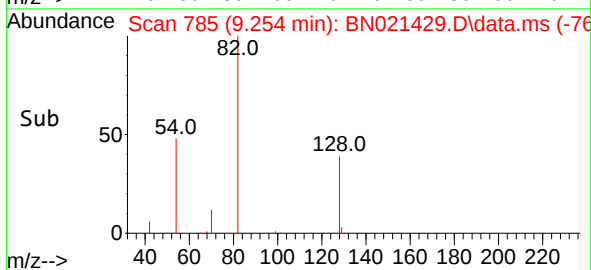
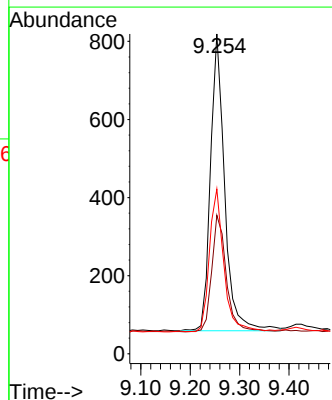
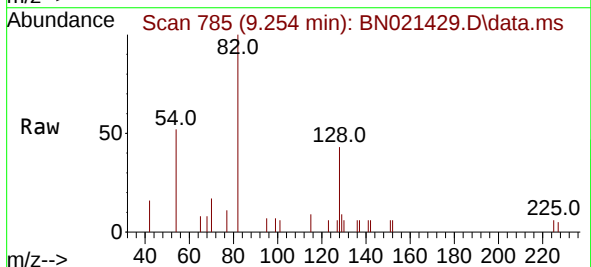
Instrument :
BNA_N
ClientSampleId :
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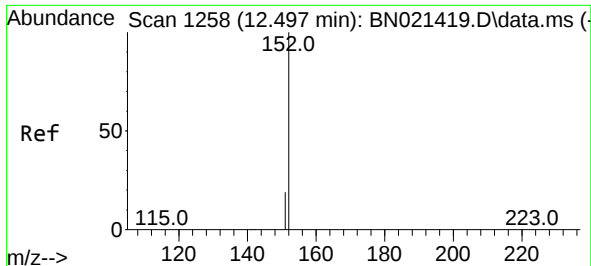
Tgt Ion:	136	Resp:	16137
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.2	6.9	10.3
68	7.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

Tgt Ion:	82	Resp:	1517
Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.9	46.3
54	51.5	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.137 ng

RT: 12.497 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BN021429.D

Acq: 29 Aug 2022 19:27

Instrument :

BNA_N

ClientSampleId :

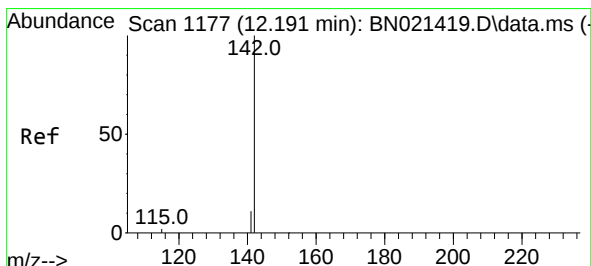
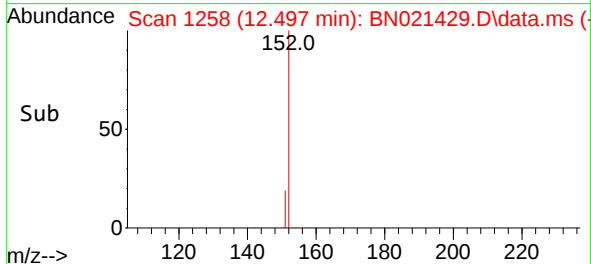
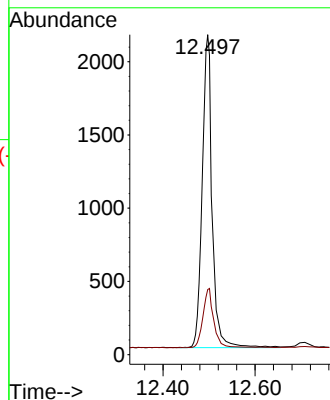
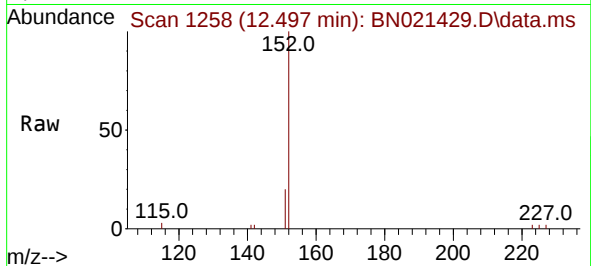
MW201D-20220819DL

Tgt Ion:152 Resp: 4966

Ion Ratio Lower Upper

152 100

151 20.0 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.195 min Scan# 1178

Delta R.T. 0.004 min

Lab File: BN021429.D

Acq: 29 Aug 2022 19:27

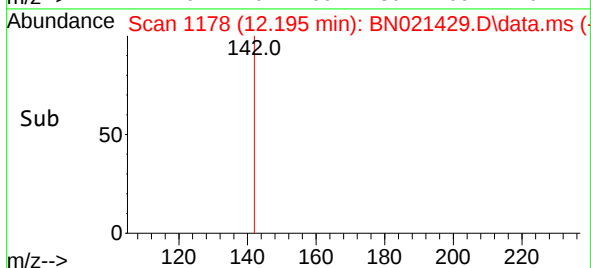
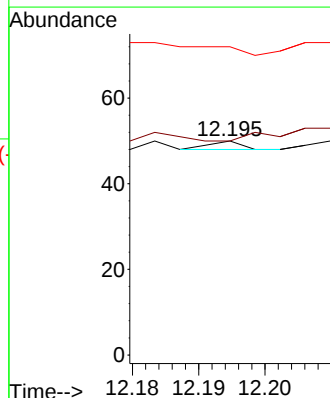
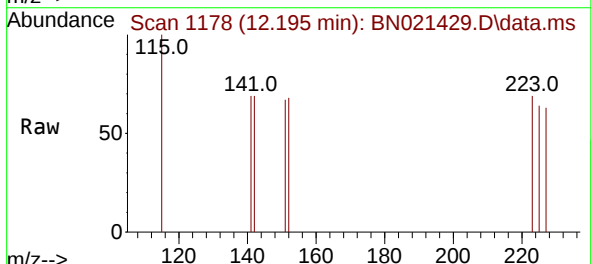
Tgt Ion:142 Resp: 1

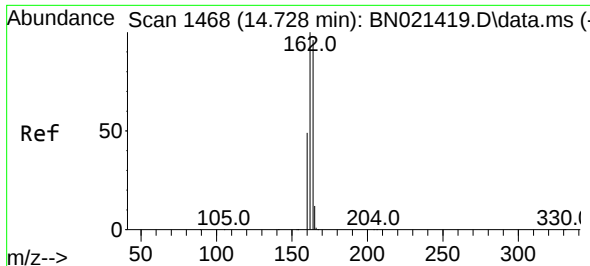
Ion Ratio Lower Upper

142 100

141 100.0 12.2 18.2#

115 144.0 7.9 11.9#

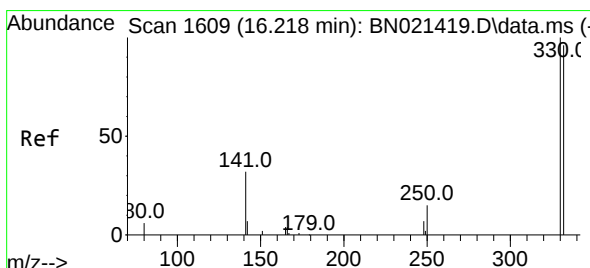
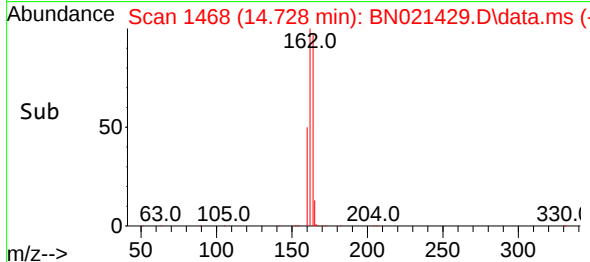
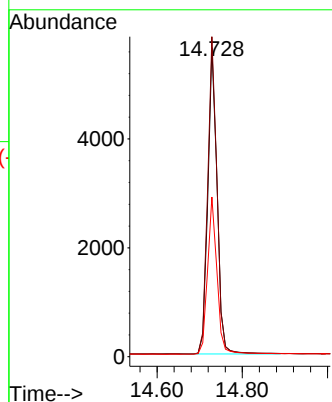
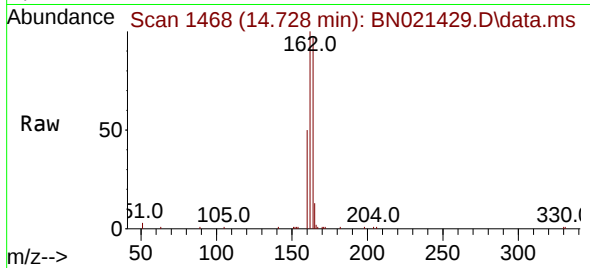




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

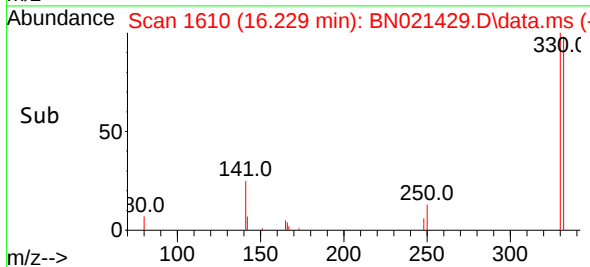
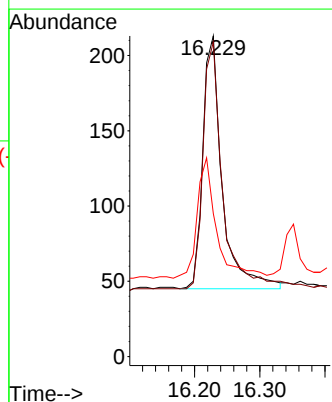
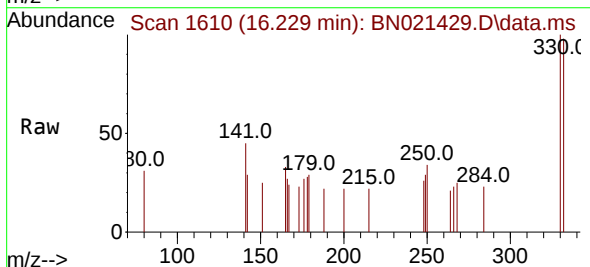
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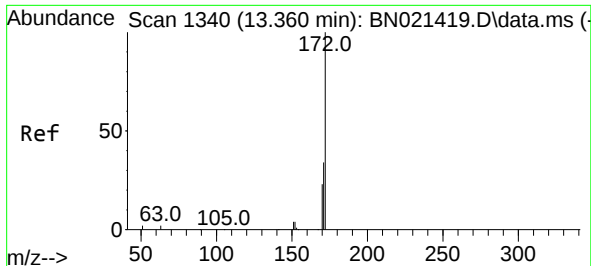
Tgt Ion:	164	Resp:	8496
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.2	123.4
160	51.7	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.124 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.011 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

Tgt Ion:	330	Resp:	347
Ion Ratio	Lower	Upper	
330	100		
332	97.1	79.3	118.9
141	48.1	37.1	55.7

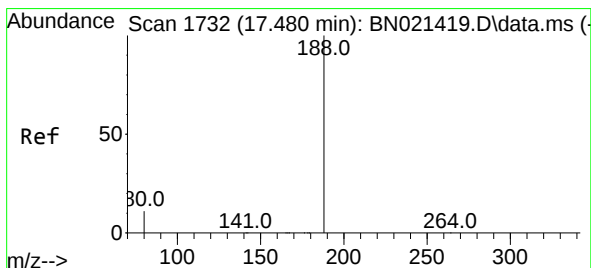
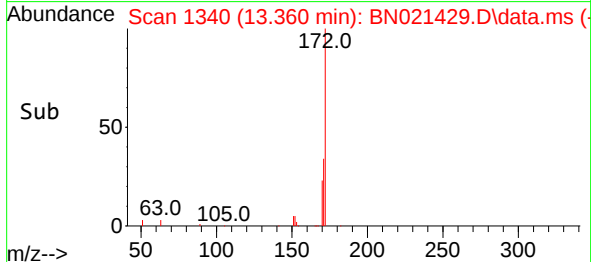
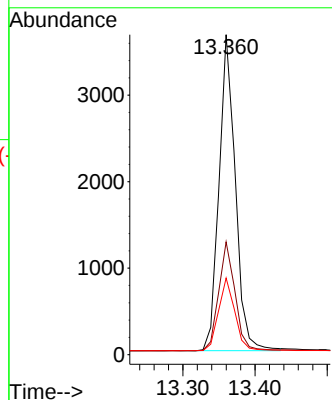
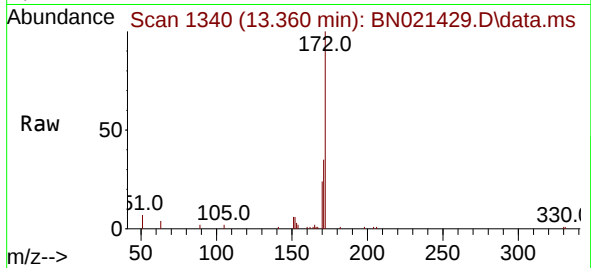




#15
2-Fluorobiphenyl
Concen: 0.154 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

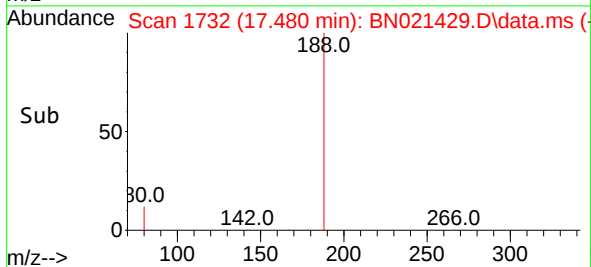
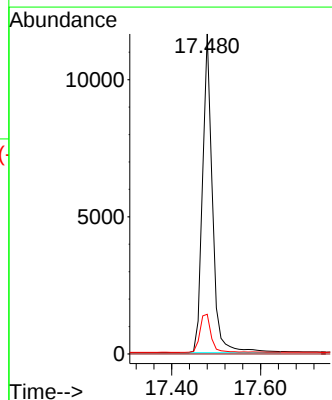
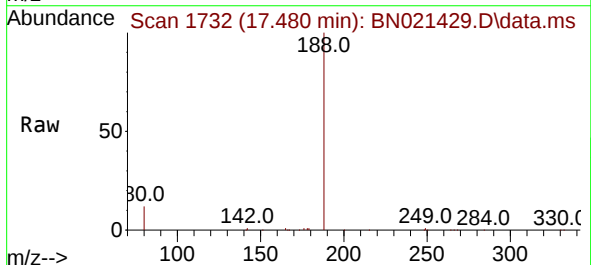
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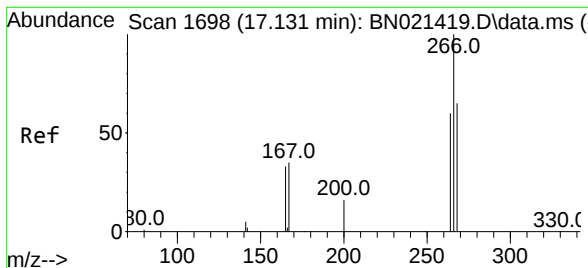
Tgt Ion:172 Resp: 5726
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.0 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021429.D
Acq: 29 Aug 2022 19:27

Tgt Ion:188 Resp: 18047
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 9.5 14.3





#24

Pentachlorophenol

Concen: 0.204 ng

RT: 17.131 min Scan# 1698

Delta R.T. 0.000 min

Lab File: BN021429.D

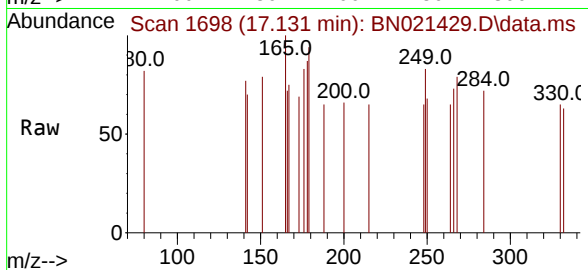
Acq: 29 Aug 2022 19:27

Instrument :

BNA_N

ClientSampleId :

MW201D-20220819DL



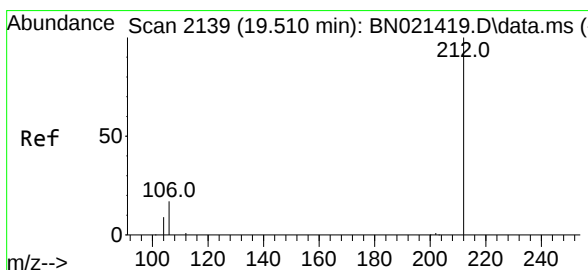
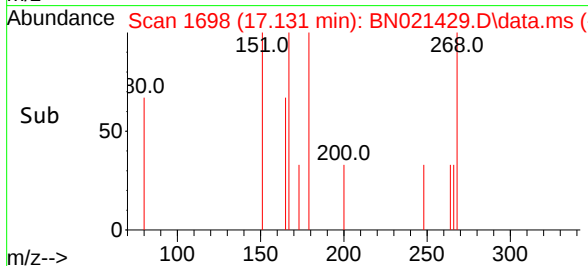
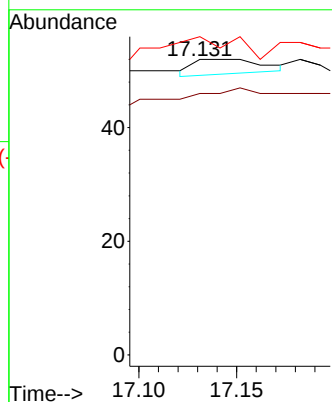
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 0.0 49.0 73.6#

268 233.3 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.173 ng

RT: 19.510 min Scan# 2139

Delta R.T. -0.000 min

Lab File: BN021429.D

Acq: 29 Aug 2022 19:27

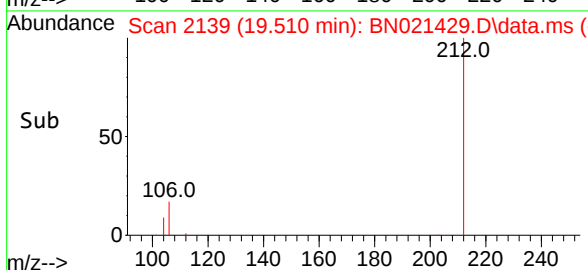
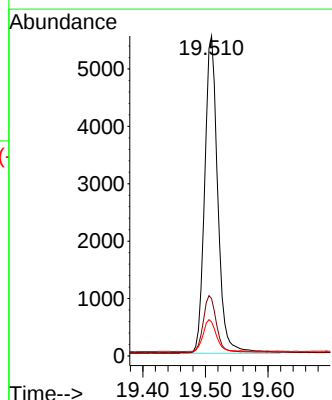
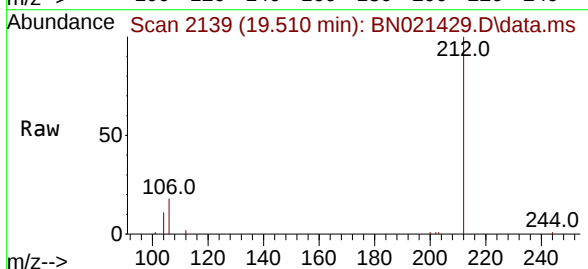
Tgt Ion:212 Resp: 8007

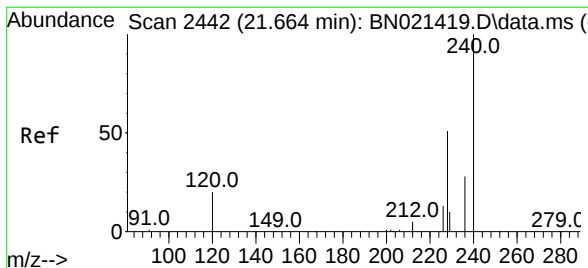
Ion Ratio Lower Upper

212 100

106 18.3 14.2 21.2

104 10.1 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: BN021429.D

Acq: 29 Aug 2022 19:27

Instrument :

BNA_N

ClientSampleId :

MW201D-20220819DL

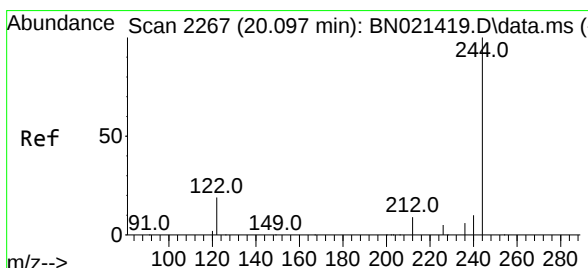
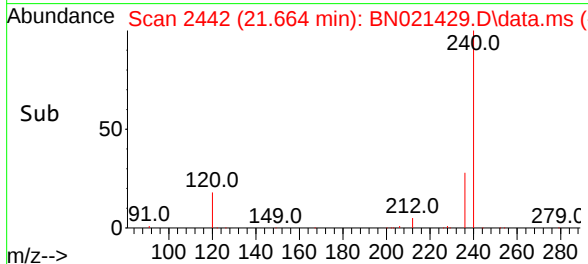
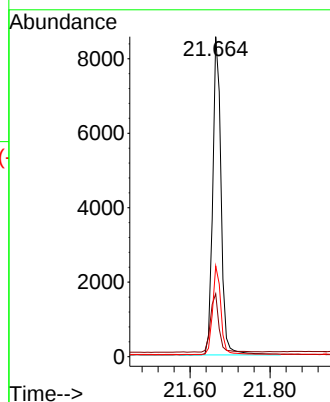
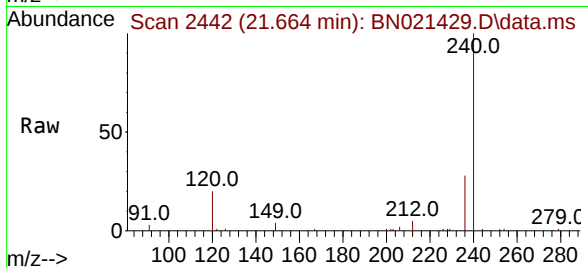
Tgt Ion:240 Resp: 12447

Ion Ratio Lower Upper

240 100

120 19.7 10.2 15.4#

236 28.3 22.1 33.1



#31

Terphenyl-d14

Concen: 0.197 ng

RT: 20.097 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BN021429.D

Acq: 29 Aug 2022 19:27

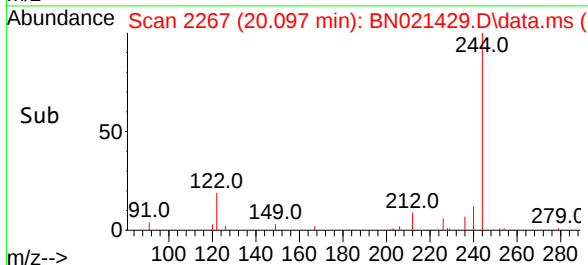
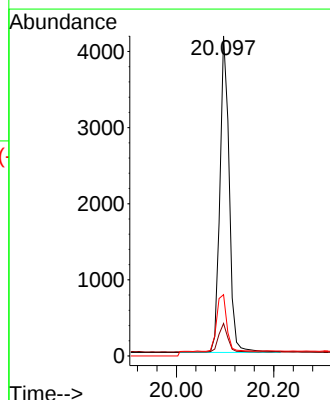
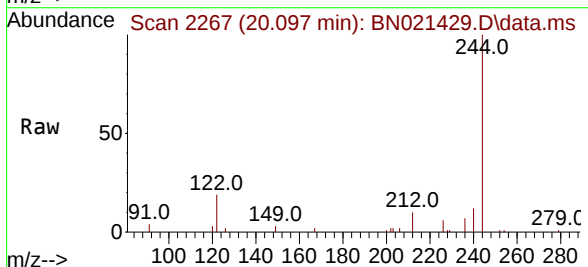
Tgt Ion:244 Resp: 5511

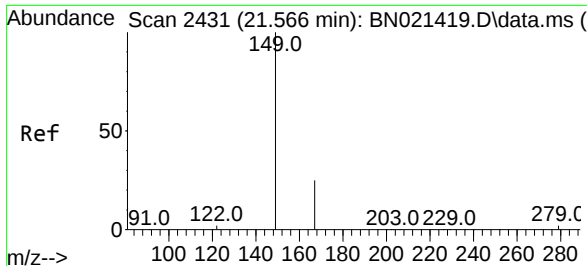
Ion Ratio Lower Upper

244 100

212 10.2 6.5 9.7#

122 19.1 9.1 13.7#

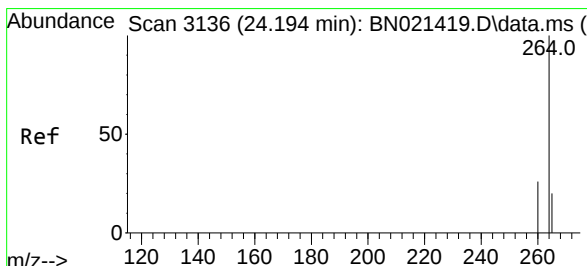
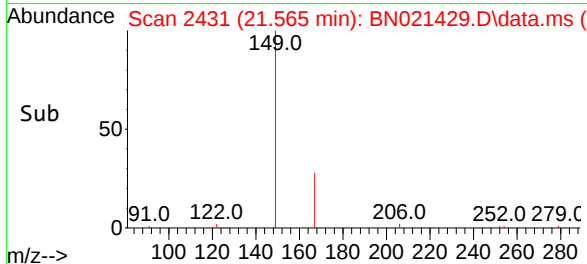
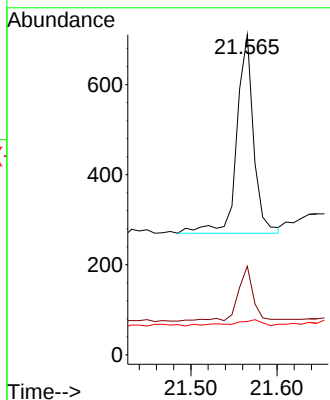
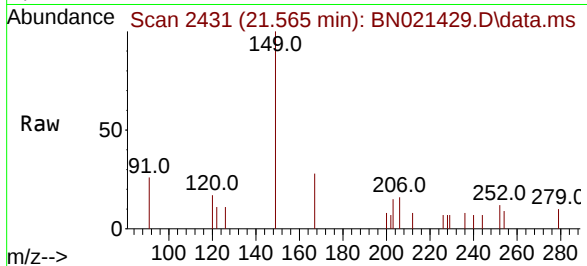




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.034 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021429.D
 Acq: 29 Aug 2022 19:27

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20220819DL

Tgt Ion:149 Resp: 599
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 5.7 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 3134
 Delta R.T. -0.006 min
 Lab File: BN021429.D
 Acq: 29 Aug 2022 19:27

Tgt Ion:264 Resp: 9079
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.0 31.6
 265 34.0 32.2 48.2

