

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021446.D
 Acq On : 30 Aug 2022 07:22
 Operator : CG/JU
 Sample : N4297-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305I-20220820

Quant Time: Aug 30 07:47:59 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)

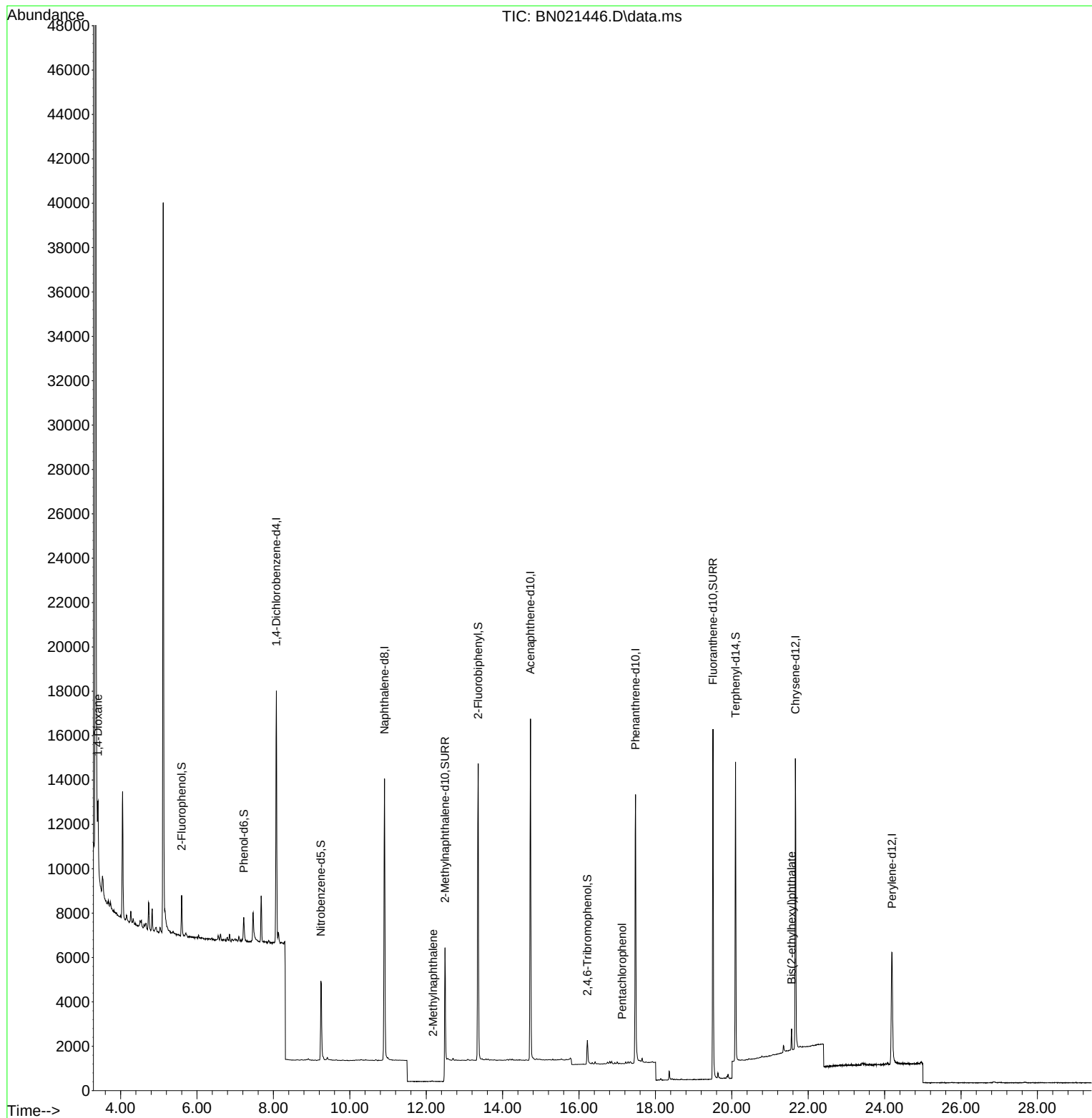
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5569	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	17362	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	8752	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	17620	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12518	0.400	ng	# 0.00
35) Perylene-d12	24.194	264	8768	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1519	0.139	ng	0.00
5) Phenol-d6	7.224	99	1121	0.081	ng	0.00
8) Nitrobenzene-d5	9.243	82	3417	0.291	ng	-0.01
11) 2-Methylnaphthalene-d10	12.494	152	13135	0.336	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	706	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	12251	0.320	ng	0.00
27) Fluoranthene-d10	19.506	212	17652	0.390	ng	0.00
31) Terphenyl-d14	20.097	244	11240	0.400	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	1465	0.210	ng	# 87
12) 2-Methylnaphthalene	12.180	142	2	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	15	0.206	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.566	149	934	0.053	ng	99

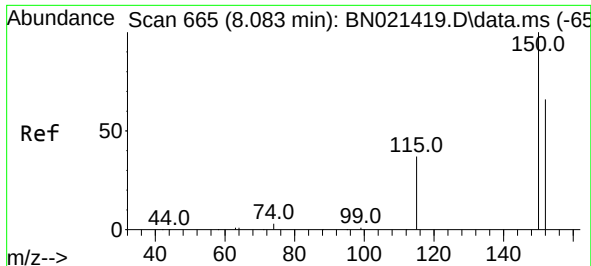
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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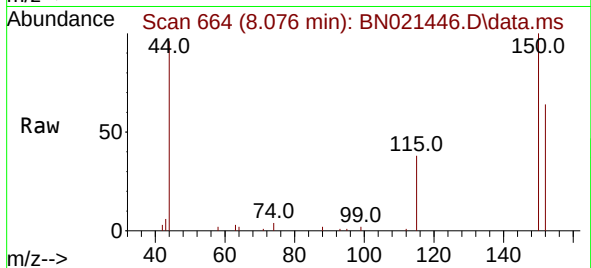
Quant Time: Aug 30 07:47:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
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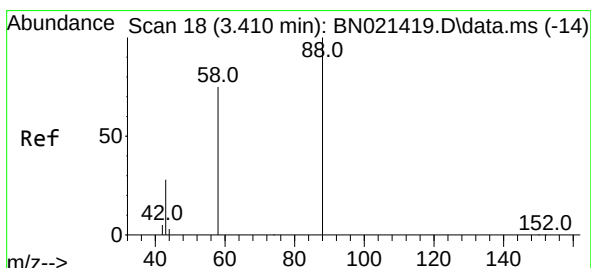
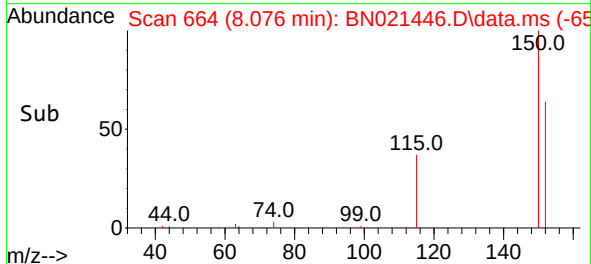
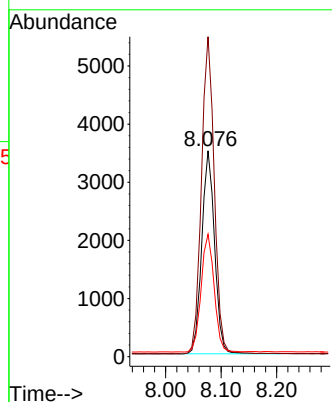


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 665
 Delta R.T. -0.007 min
 Lab File: BN021446.D
 Acq: 30 Aug 2022 07:22

Instrument :
 BNA_N
 ClientSampleId :
 MW305I-20220820

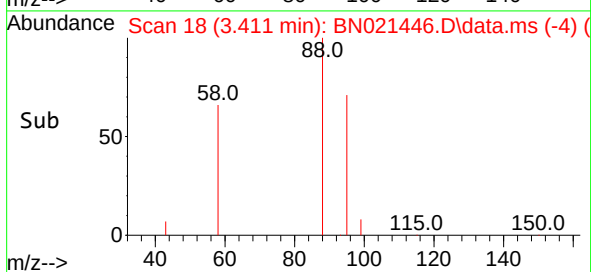
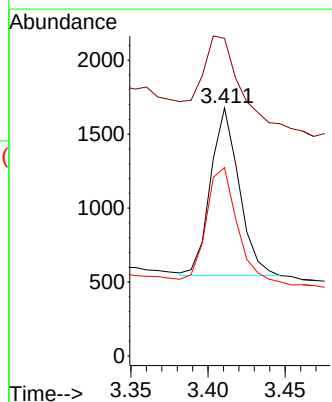
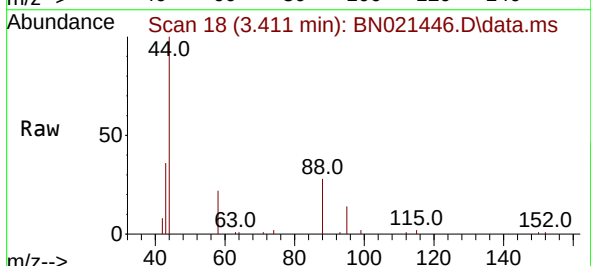


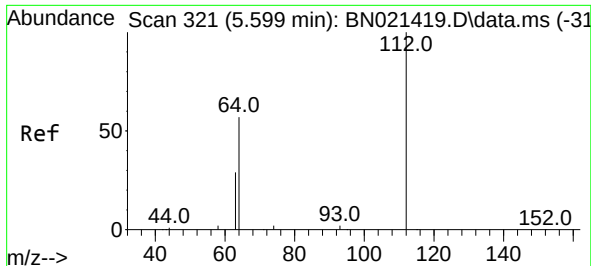
Tgt Ion:152 Resp: 5569
 Ion Ratio Lower Upper
 152 100
 150 155.4 121.4 182.0
 115 59.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.210 ng
 RT: 3.411 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021446.D
 Acq: 30 Aug 2022 07:22

Tgt Ion: 88 Resp: 1465
 Ion Ratio Lower Upper
 88 100
 43 65.0 35.8 53.8#
 58 72.3 57.1 85.7

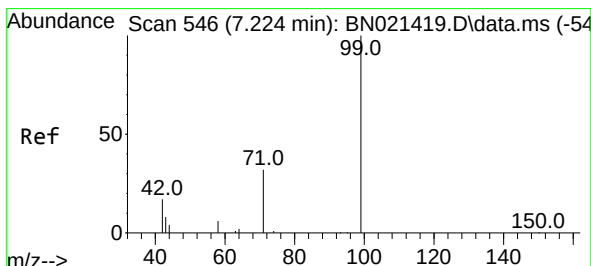
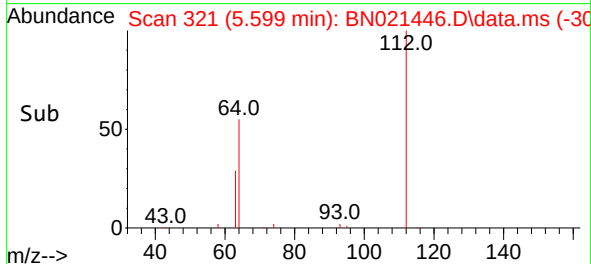
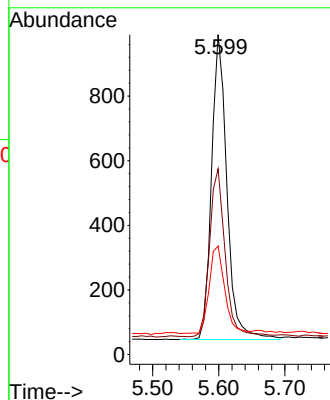
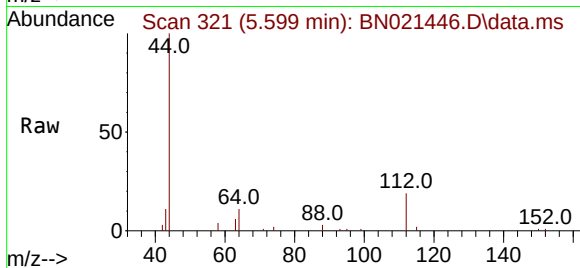




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

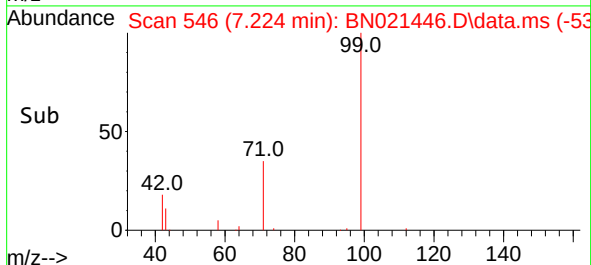
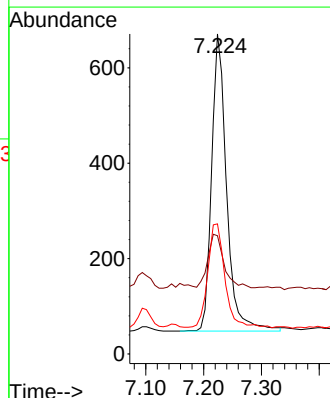
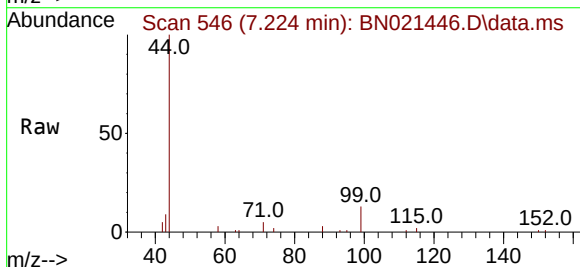
Instrument :
BNA_N
ClientSampleId :
MW305I-20220820

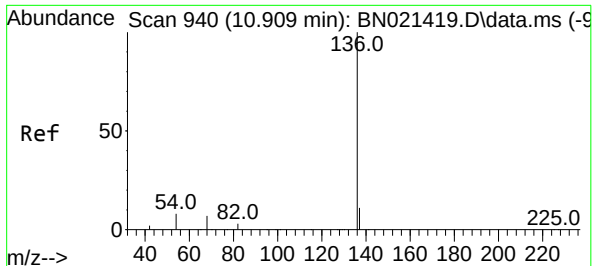
Tgt Ion:	112	Resp:	1519
Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.5	65.3
63	28.6	22.6	34.0



#5
Phenol-d6
Concen: 0.081 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

Tgt Ion:	99	Resp:	1121
Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.5	23.3
71	40.2	24.2	36.2

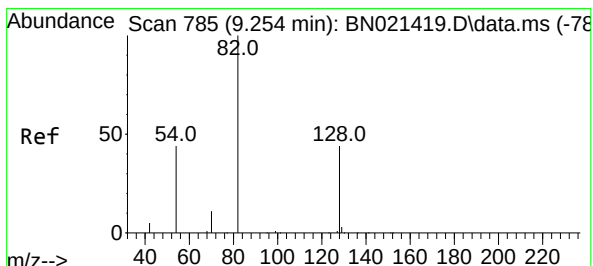
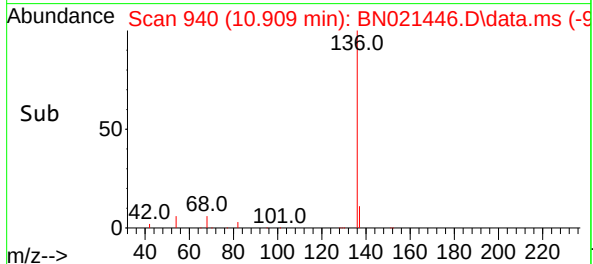
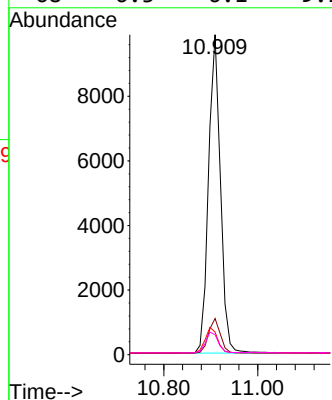
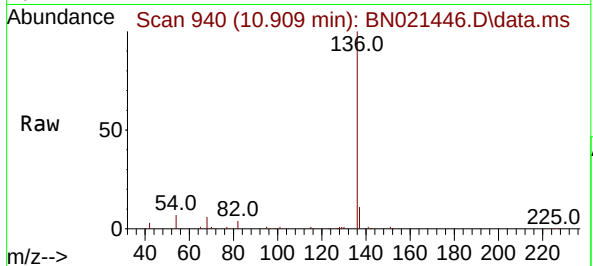




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

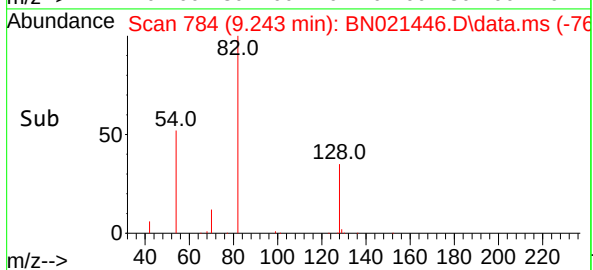
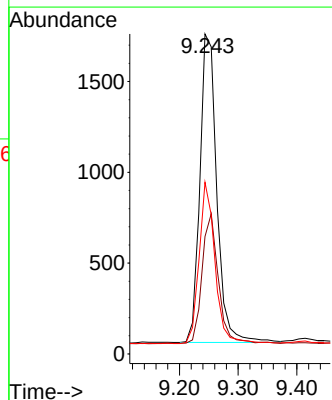
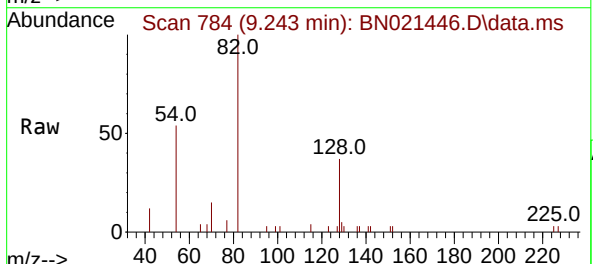
Instrument :
BNA_N
ClientSampleId :
MW305I-20220820

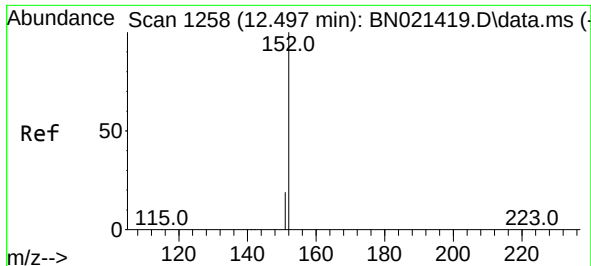
Tgt Ion:	136	Resp:	17362
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.0	6.9	10.3
68	6.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

Tgt Ion:	82	Resp:	3417
Ion Ratio	Lower	Upper	
82	100		
128	36.7	30.9	46.3
54	53.6	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 12.494 min Scan# 1174

Delta R.T. -0.003 min

Lab File: BN021446.D

Acq: 30 Aug 2022 07:22

Instrument :

BNA_N

ClientSampleId :

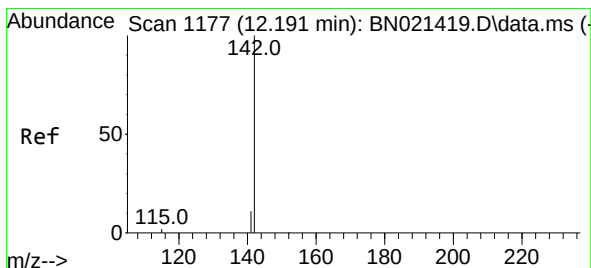
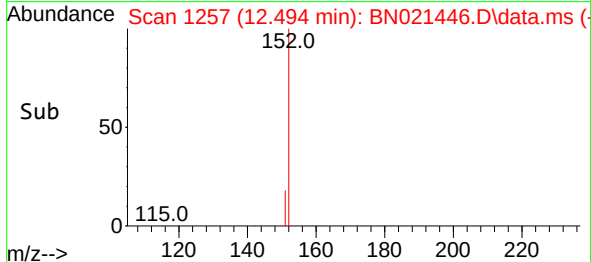
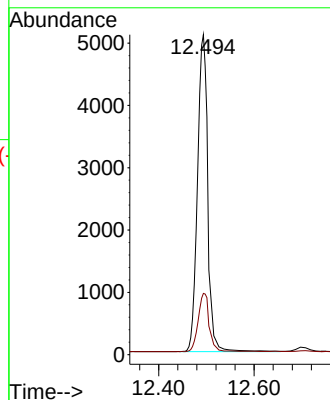
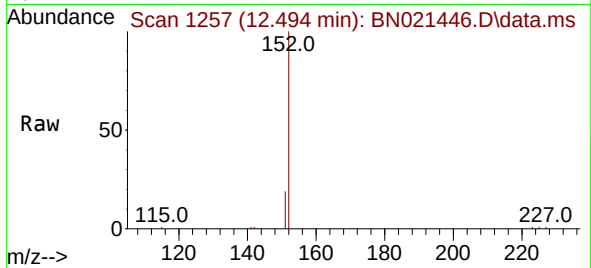
MW305I-20220820

Tgt Ion:152 Resp: 13135

Ion Ratio Lower Upper

152 100

151 17.6 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.180 min Scan# 1174

Delta R.T. -0.011 min

Lab File: BN021446.D

Acq: 30 Aug 2022 07:22

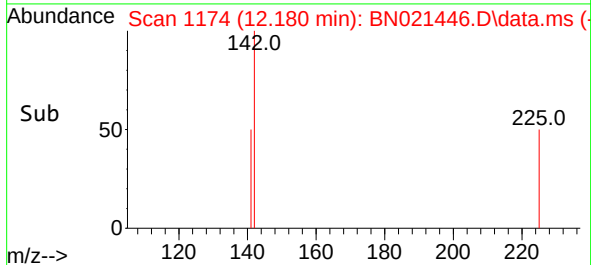
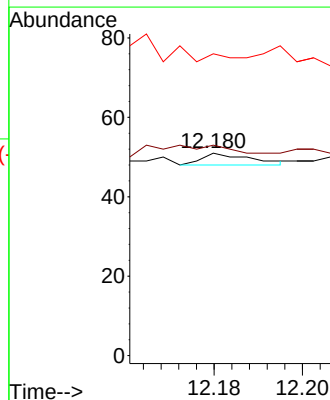
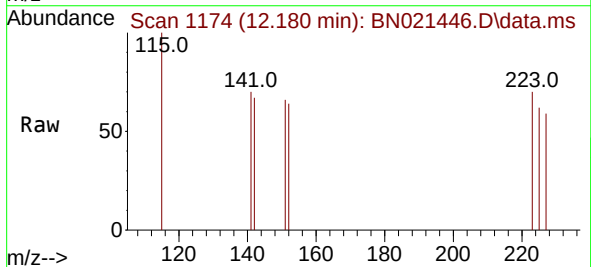
Tgt Ion:142 Resp: 2

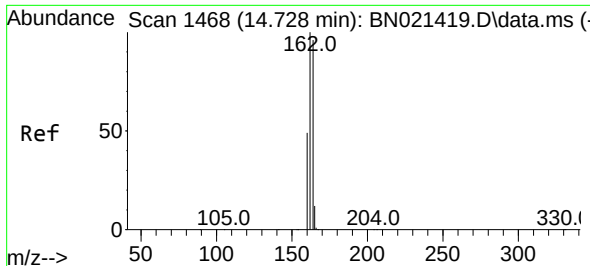
Ion Ratio Lower Upper

142 100

141 103.9 12.2 18.2#

115 149.0 7.9 11.9#

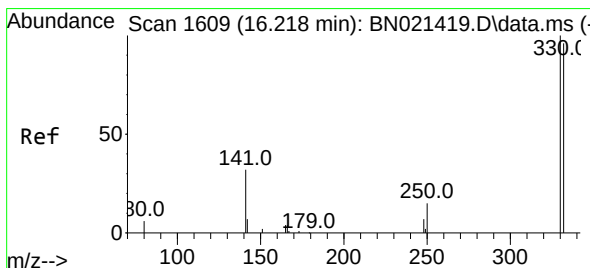
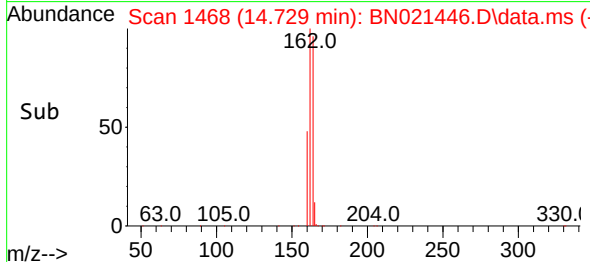
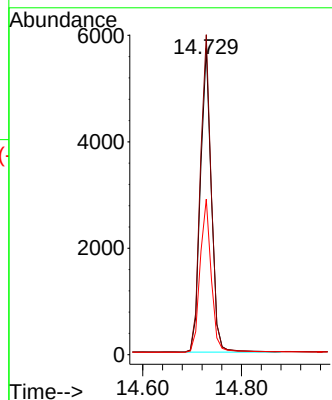
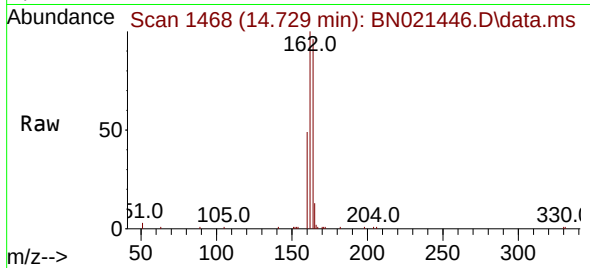




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

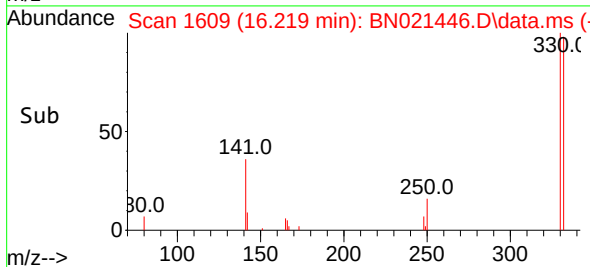
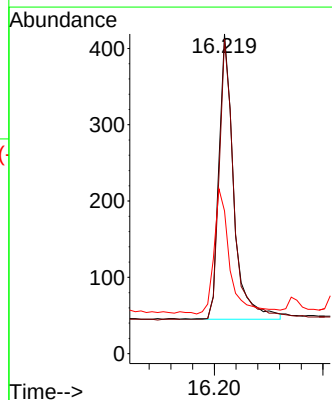
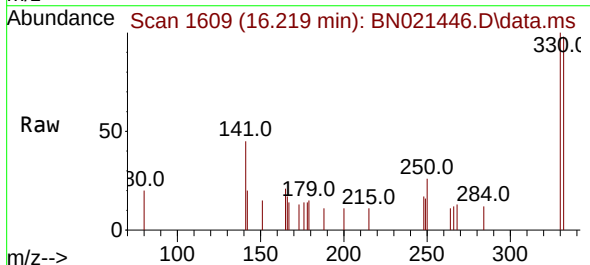
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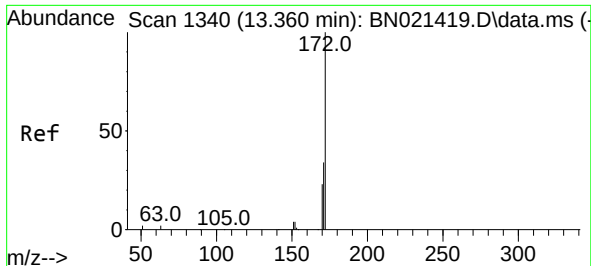
Tgt Ion:164	Resp:	8752
Ion	Ratio	Lower Upper
164	100	
162	104.4	82.2 123.4
160	50.8	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

Tgt Ion:330	Resp:	706
Ion	Ratio	Lower Upper
330	100	
332	97.5	79.3 118.9
141	47.3	37.1 55.7

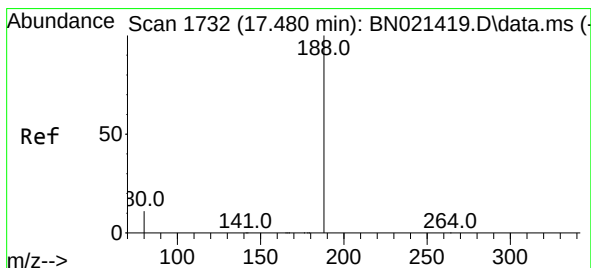
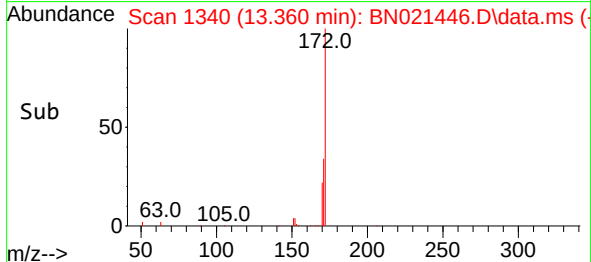
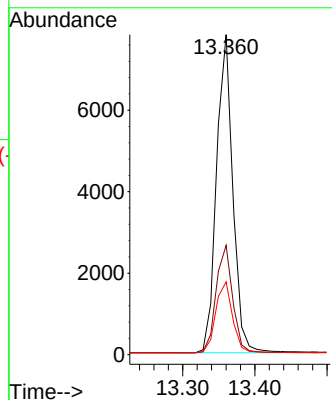
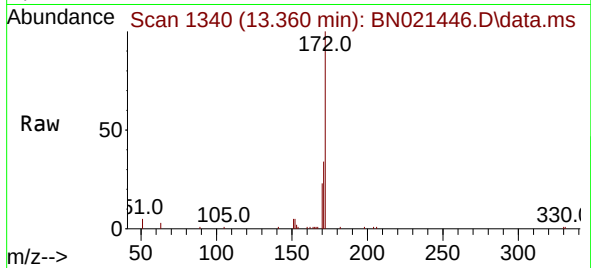




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

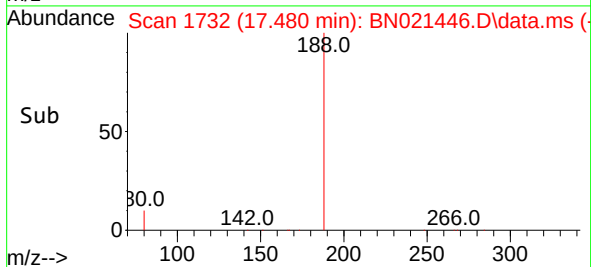
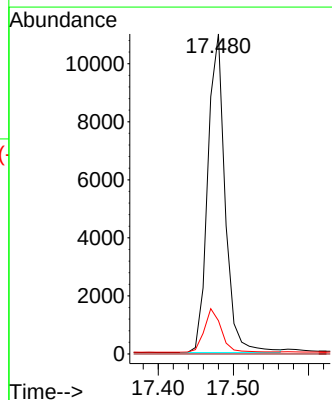
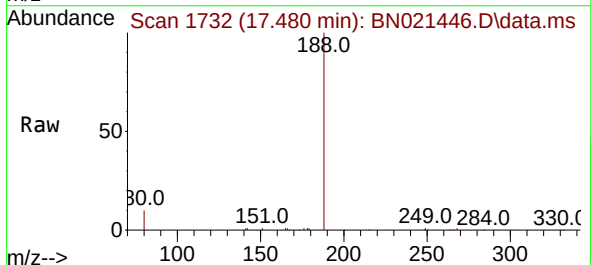
Instrument :
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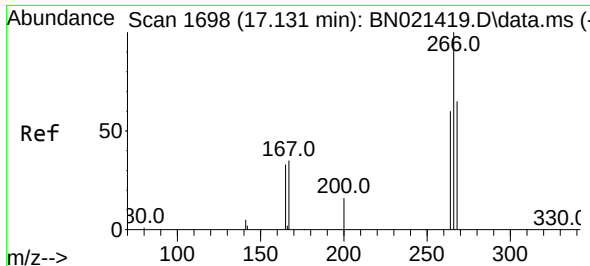
Tgt Ion:172 Resp: 12251
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 22.7 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

Tgt Ion:188 Resp: 17620
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.5 14.3

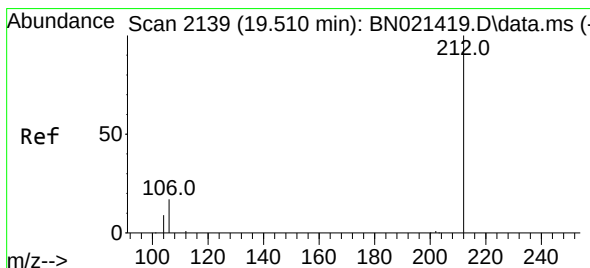
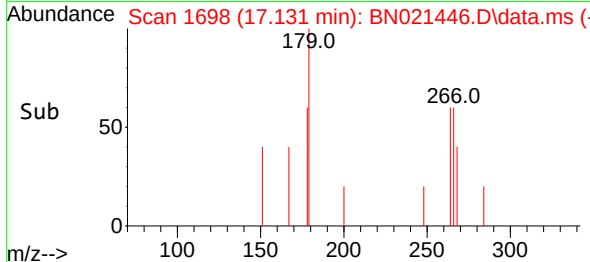
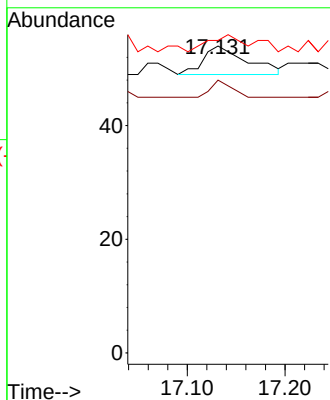
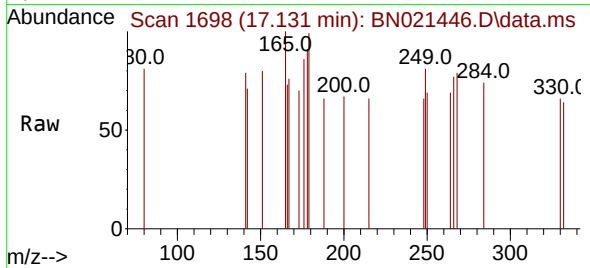




#24
Pentachlorophenol
Concen: 0.206 ng
RT: 17.131 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

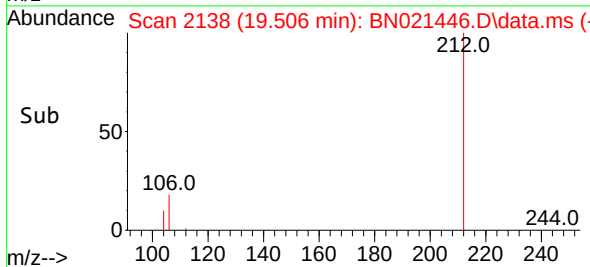
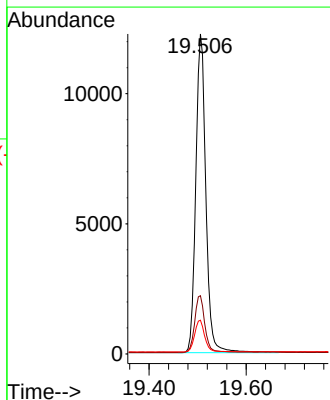
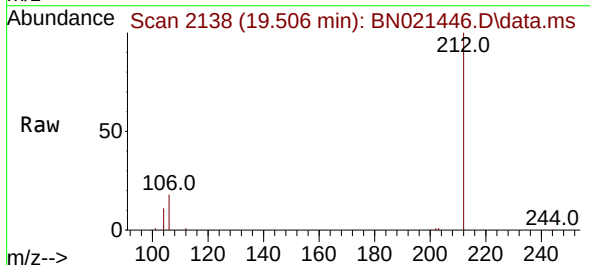
Instrument :
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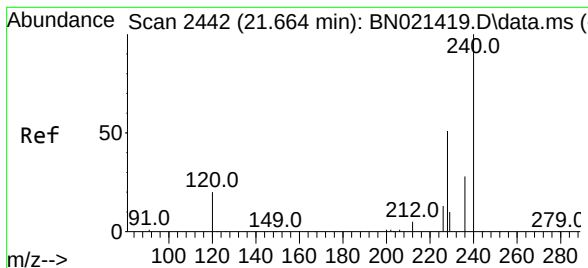
Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 26.7 49.0 73.6#
268 46.7 50.9 76.3#



#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021446.D
Acq: 30 Aug 2022 07:22

Tgt Ion:212 Resp: 17652
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 9.9 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: BN021446.D

Acq: 30 Aug 2022 07:22

Instrument :

BNA_N

ClientSampleId :

MW305I-20220820

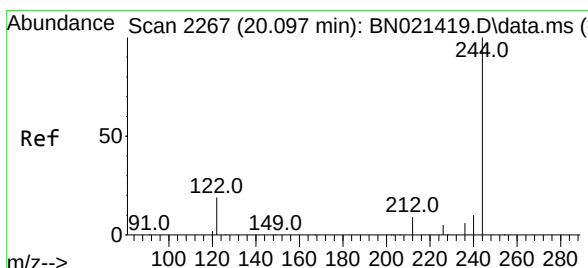
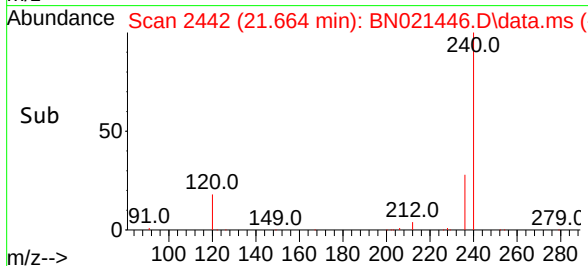
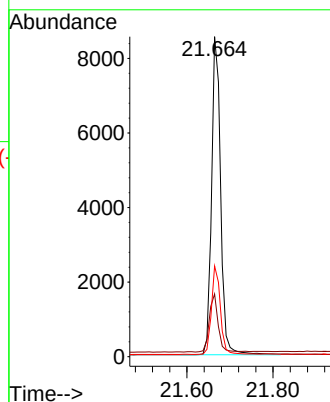
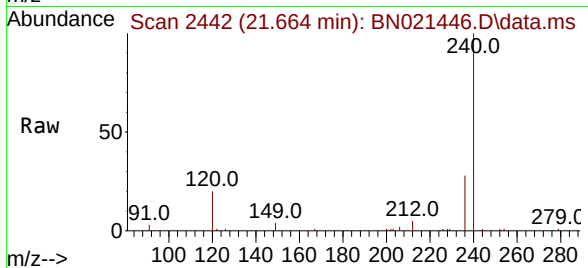
Tgt Ion:240 Resp: 12518

Ion Ratio Lower Upper

240 100

120 19.6 10.2 15.4#

236 28.3 22.1 33.1



#31

Terphenyl-d14

Concen: 0.400 ng

RT: 20.097 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BN021446.D

Acq: 30 Aug 2022 07:22

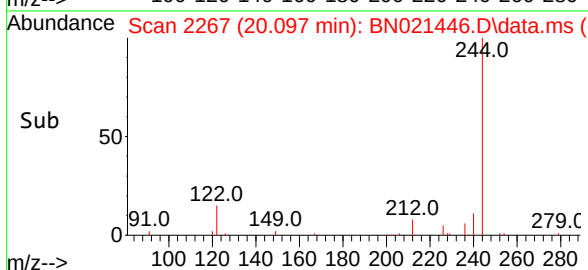
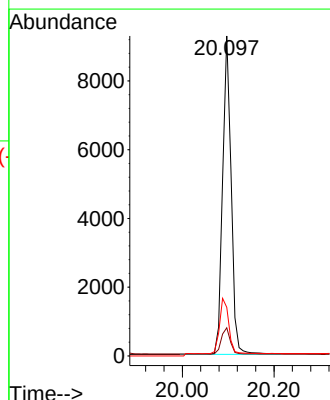
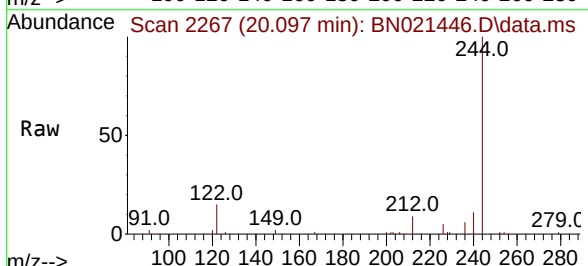
Tgt Ion:244 Resp: 11240

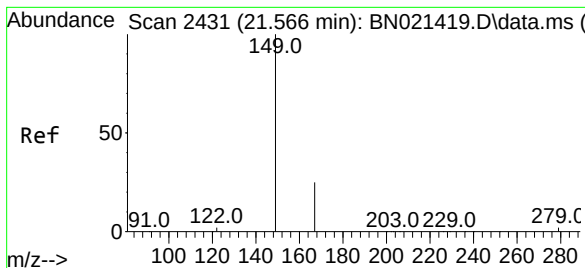
Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 15.2 9.1 13.7#

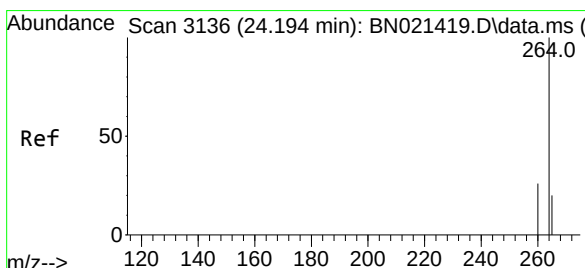
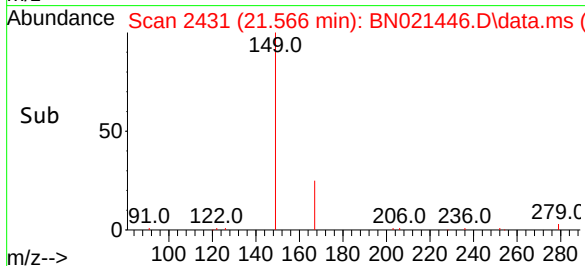
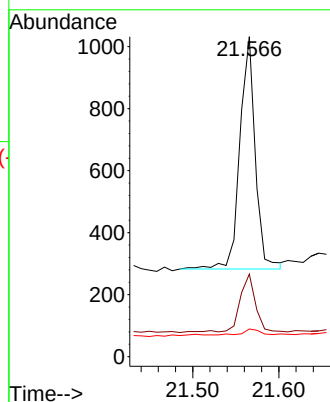
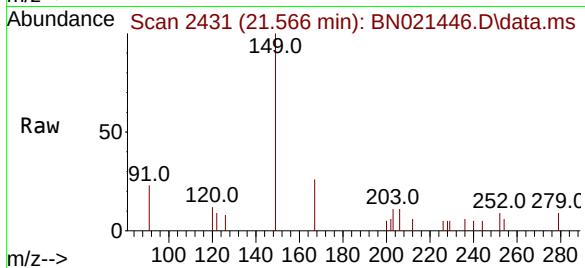




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021446.D
 Acq: 30 Aug 2022 07:22

Instrument :
 BNA_N
 ClientSampleId :
 MW305I-20220820

Tgt Ion:149 Resp: 934
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 2.9 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.194 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: BN021446.D
 Acq: 30 Aug 2022 07:22

Tgt Ion:264 Resp: 8768
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.6
 265 37.4 32.2 48.2

