

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021428.D
 Acq On : 29 Aug 2022 18:49
 Operator : CG/JU
 Sample : N4281-06DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220818DL

Quant Time: Aug 30 01:15:41 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)

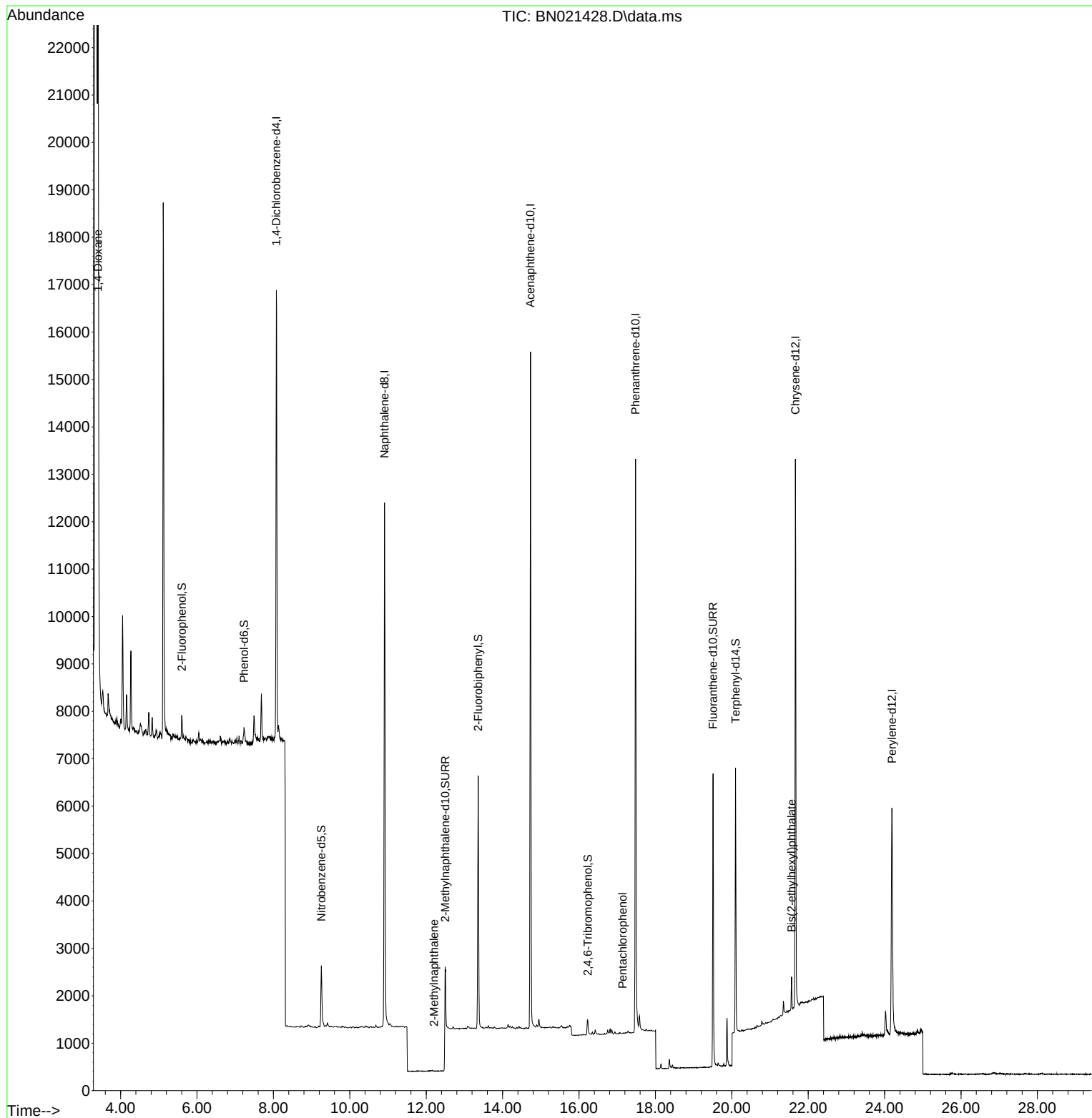
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4922	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	15116	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7966	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16639	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11185	0.400	ng	# 0.00
35) Perylene-d12	24.191	264	7756	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	466	0.048	ng	0.00
5) Phenol-d6	7.231	99	325	0.026	ng	0.00
8) Nitrobenzene-d5	9.254	82	1247	0.122	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	4297	0.126	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	233	0.089	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	4764	0.137	ng	0.00
27) Fluoranthene-d10	19.510	212	7113	0.166	ng	0.00
31) Terphenyl-d14	20.097	244	4787	0.190	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	17266	2.805	ng	# 90
12) 2-Methylnaphthalene	12.202	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.141	266	14	0.206	ng	# 52
34) Bis(2-ethylhexyl)phtha...	21.565	149	695	0.044	ng	# 96

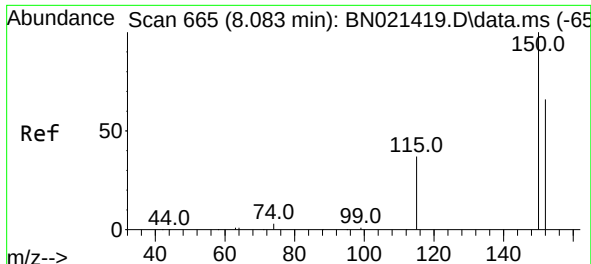
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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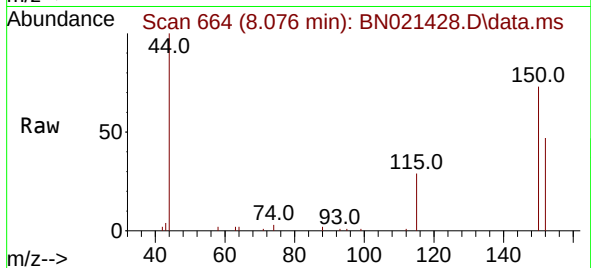
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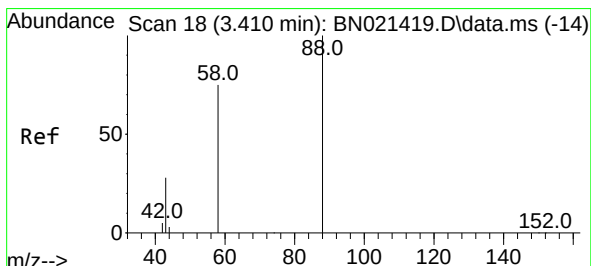
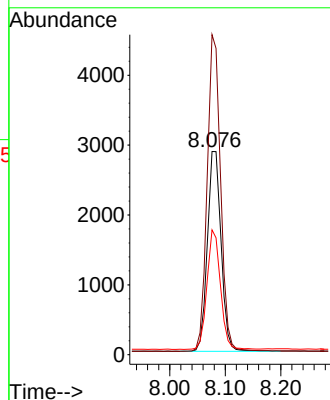
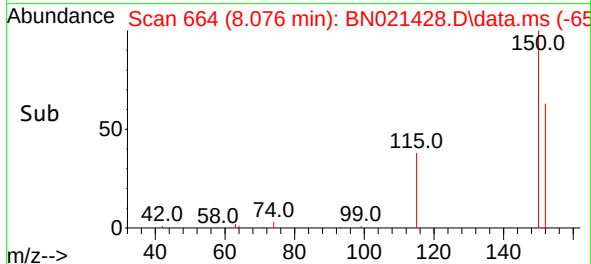


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021428.D
 Acq: 29 Aug 2022 18:49

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220818DL

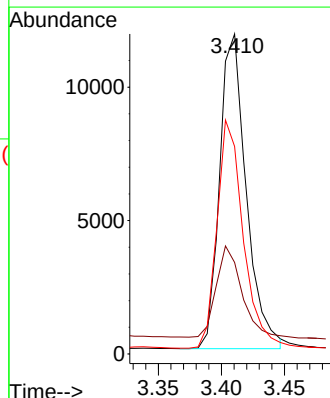
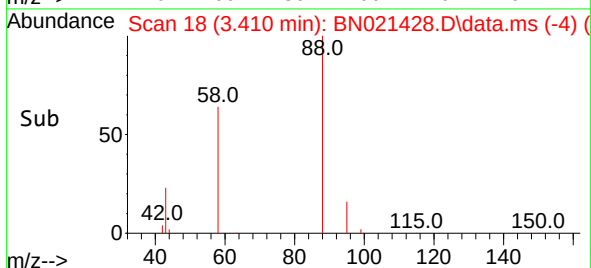
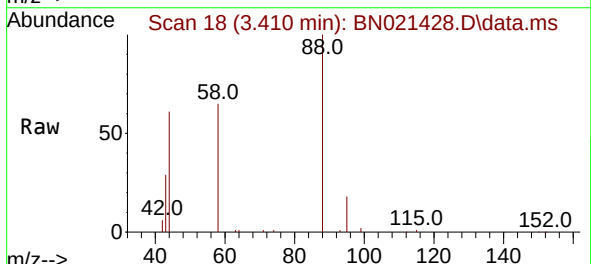


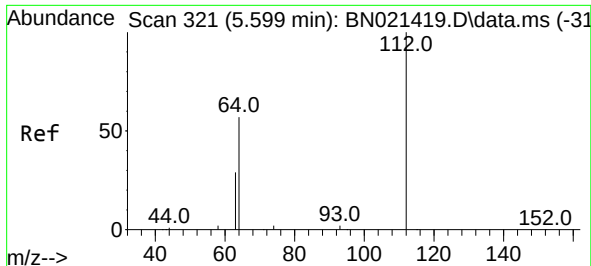
Tgt Ion:152 Resp: 4922
 Ion Ratio Lower Upper
 152 100
 150 157.4 121.4 182.0
 115 61.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.805 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021428.D
 Acq: 29 Aug 2022 18:49

Tgt Ion: 88 Resp: 17266
 Ion Ratio Lower Upper
 88 100
 43 27.6 35.8 53.8#
 58 71.3 57.1 85.7





#4

2-Fluorophenol

Concen: 0.048 ng

RT: 5.606 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN021428.D

Acq: 29 Aug 2022 18:49

Instrument :

BNA_N

ClientSampleId :

RE115D2-20220818DL

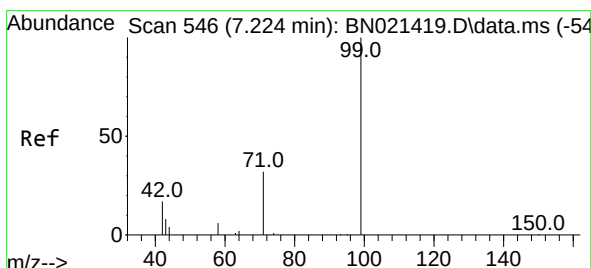
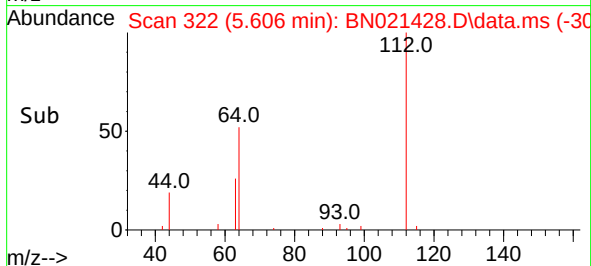
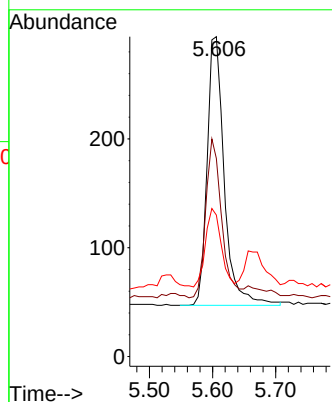
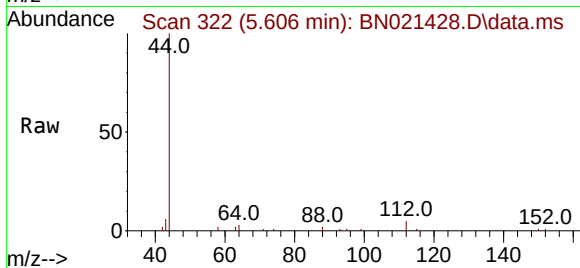
Tgt Ion:112 Resp: 466

Ion Ratio Lower Upper

112 100

64 55.2 43.5 65.3

63 25.8 22.6 34.0



#5

Phenol-d6

Concen: 0.026 ng

RT: 7.231 min Scan# 547

Delta R.T. 0.007 min

Lab File: BN021428.D

Acq: 29 Aug 2022 18:49

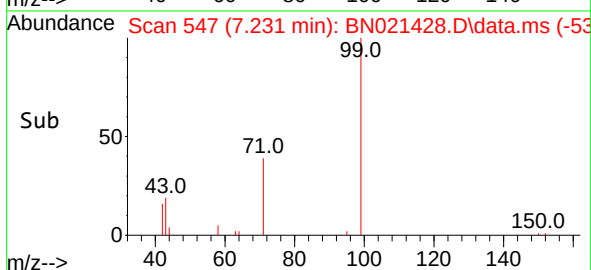
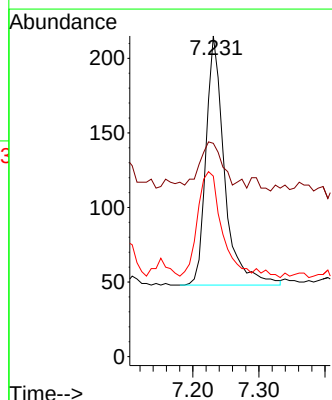
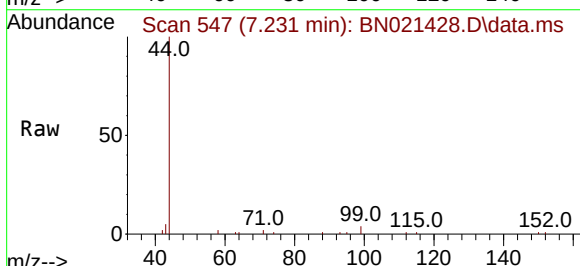
Tgt Ion: 99 Resp: 325

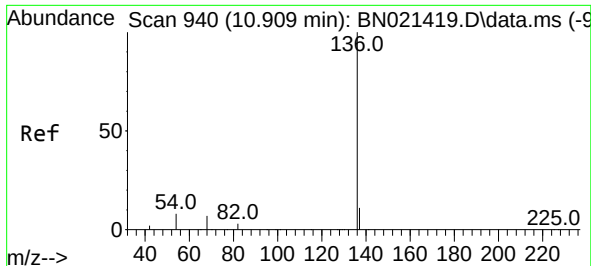
Ion Ratio Lower Upper

99 100

42 22.5 15.5 23.3

71 53.8 24.2 36.2#

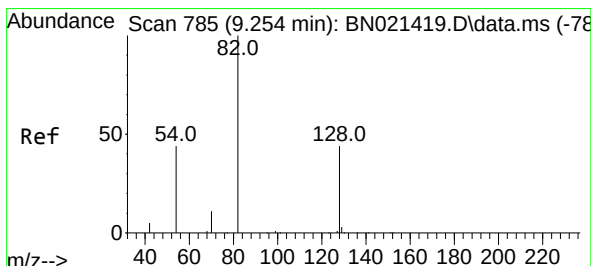
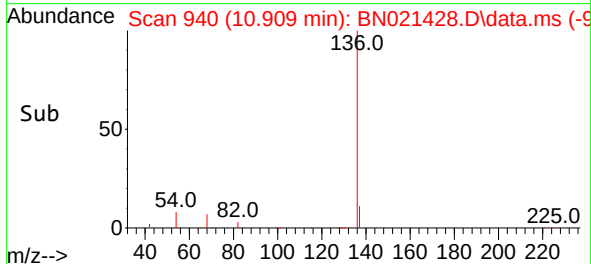
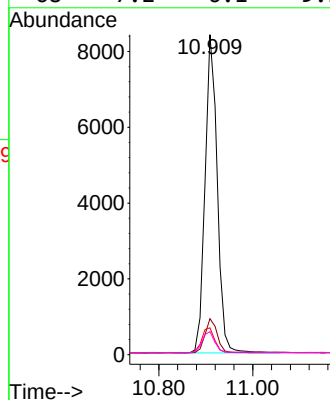
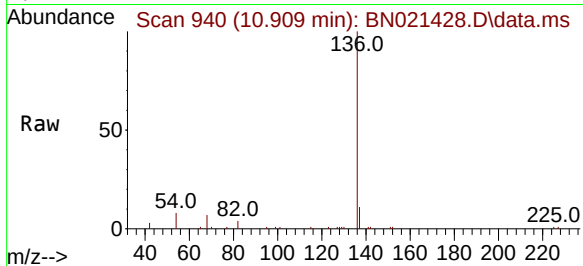




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49

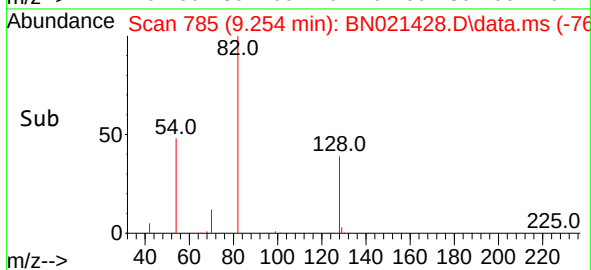
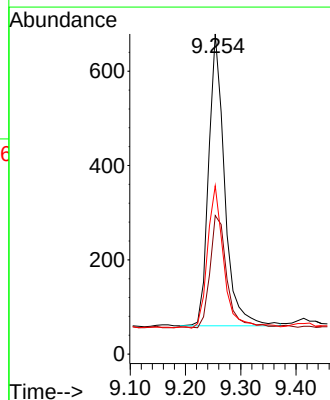
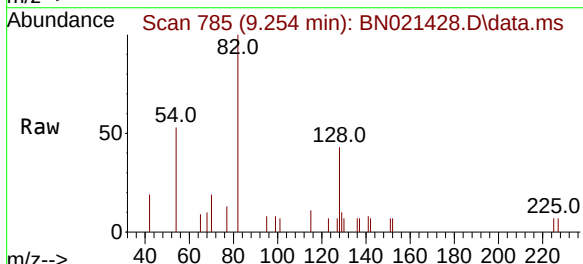
Instrument :
BNA_N
ClientSampleId :
RE115D2-20220818DL

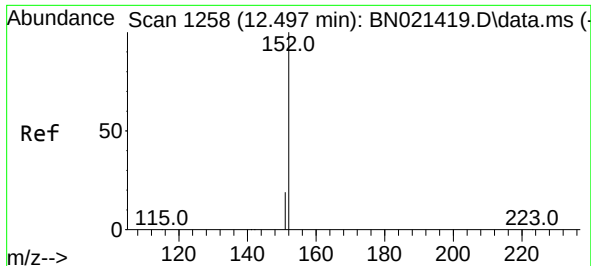
Tgt Ion:	136	Resp:	15116
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	8.4	6.9	10.3
68	7.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.122 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49

Tgt Ion:	82	Resp:	1247
Ion Ratio	Lower	Upper	
82	100		
128	43.3	30.9	46.3
54	52.6	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.126 ng

RT: 12.497 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BN021428.D

Acq: 29 Aug 2022 18:49

Instrument :

BNA_N

ClientSampleId :

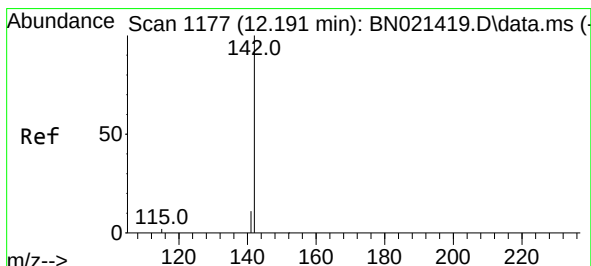
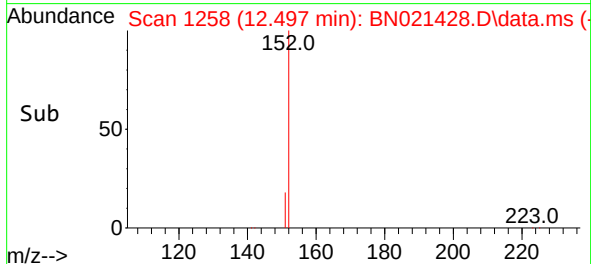
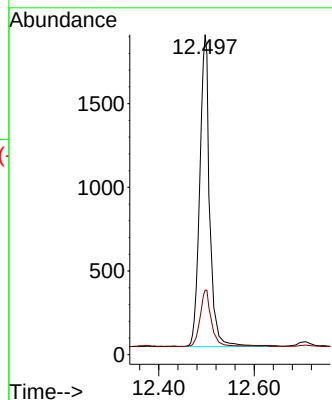
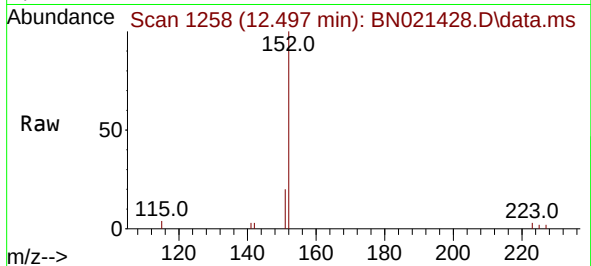
RE115D2-20220818DL

Tgt Ion:152 Resp: 4297

Ion Ratio Lower Upper

152 100

151 19.6 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: BN021428.D

Acq: 29 Aug 2022 18:49

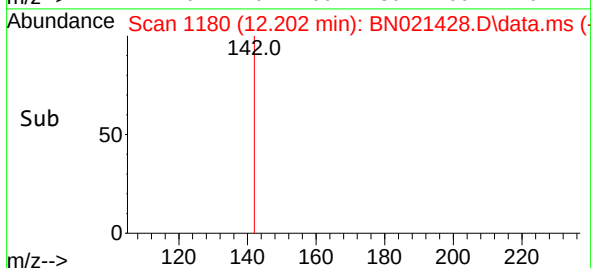
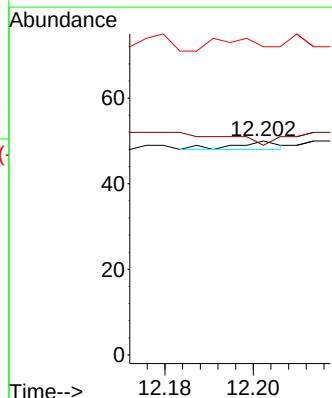
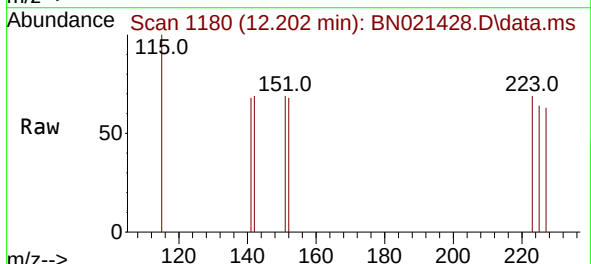
Tgt Ion:142 Resp: 1

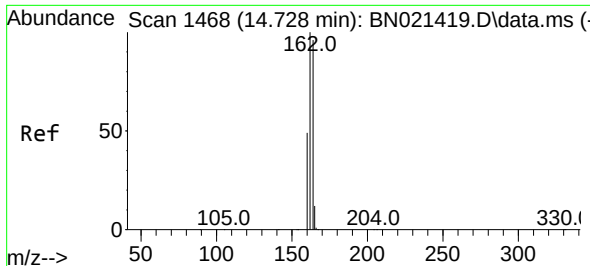
Ion Ratio Lower Upper

142 100

141 98.0 12.2 18.2#

115 144.0 7.9 11.9#

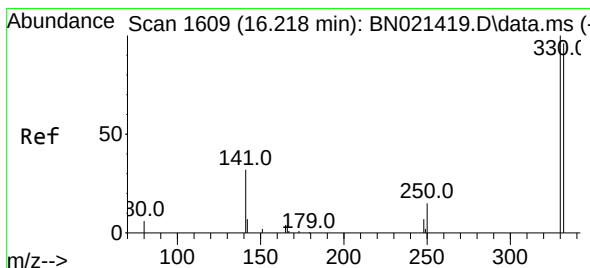
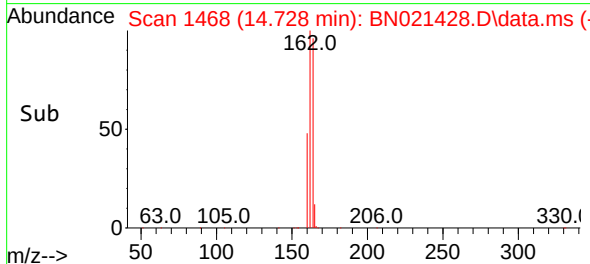
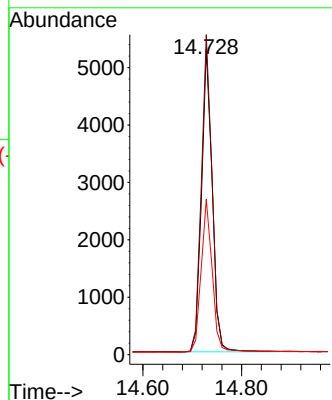
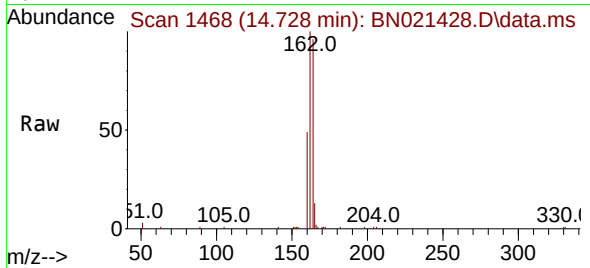




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49

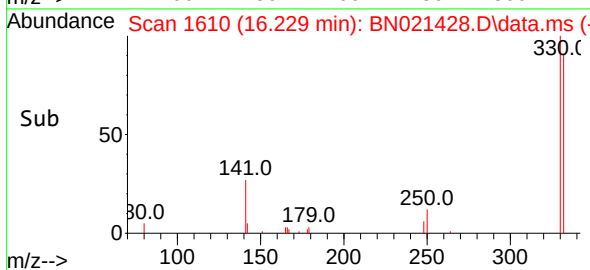
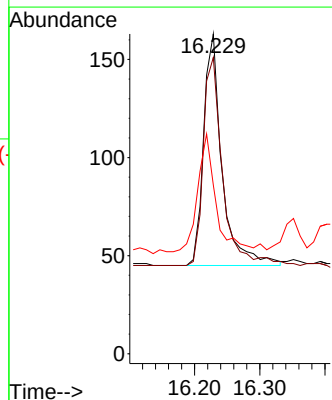
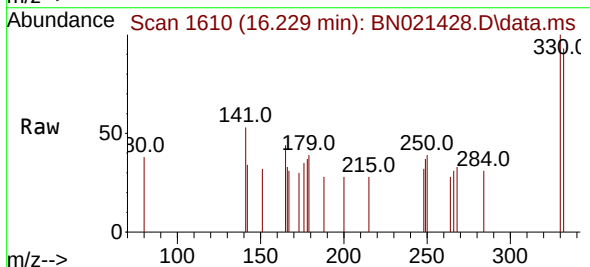
Instrument :
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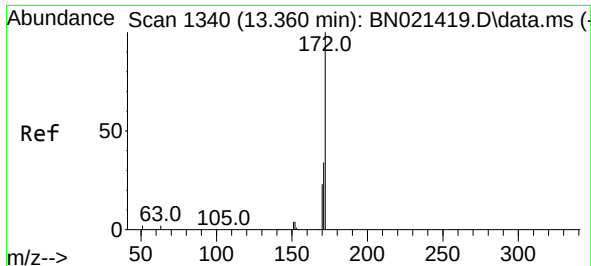
Tgt Ion:	164	Resp:	7966
Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.4
160	50.8	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.011 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49

Tgt Ion:	330	Resp:	233
Ion	Ratio	Lower	Upper
330	100		
332	92.7	79.3	118.9
141	53.6	37.1	55.7

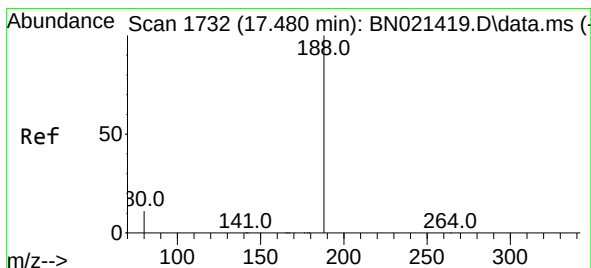
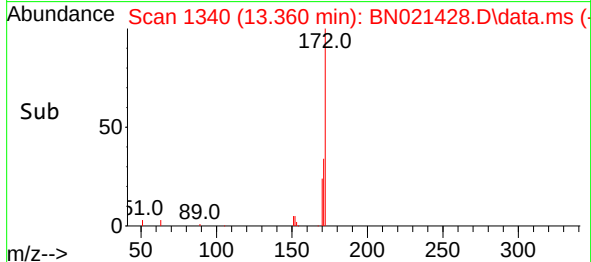
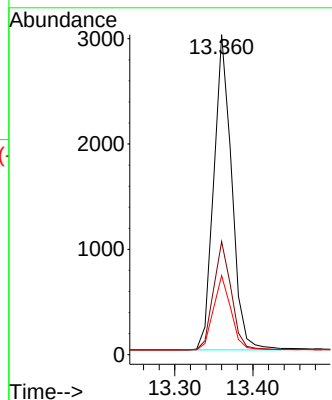
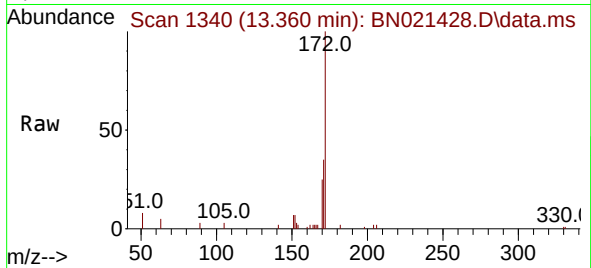




#15
2-Fluorobiphenyl
Concen: 0.137 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49

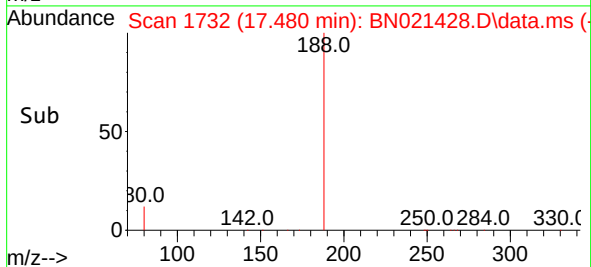
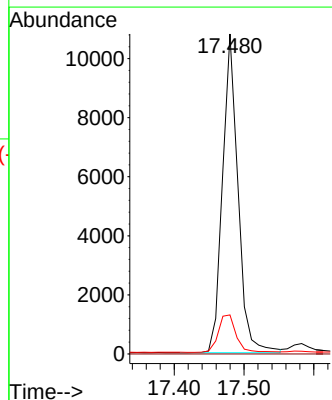
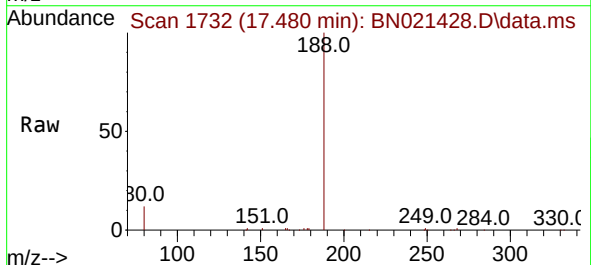
Instrument :
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RE115D2-20220818DL

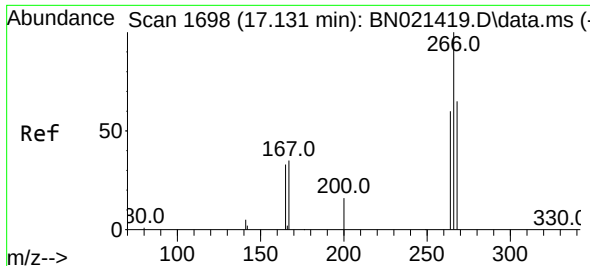
Tgt Ion:172 Resp: 4764
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.7 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49

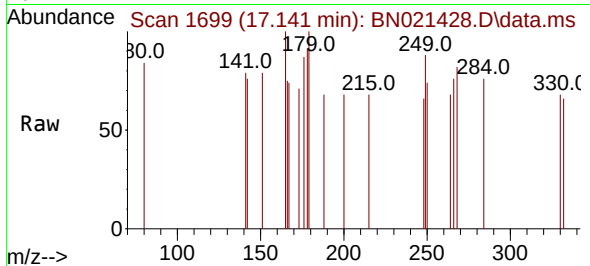
Tgt Ion:188 Resp: 16639
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 9.5 14.3



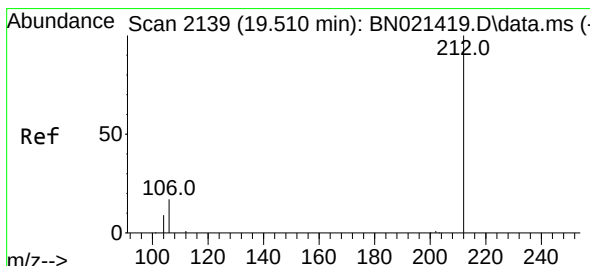
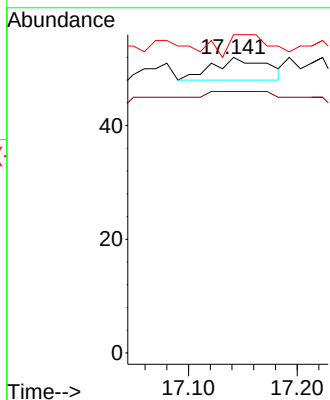
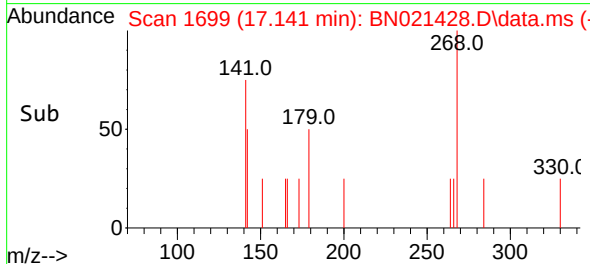


#24
Pentachlorophenol
Concen: 0.206 ng
RT: 17.141 min Scan# 1699
Delta R.T. 0.010 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49

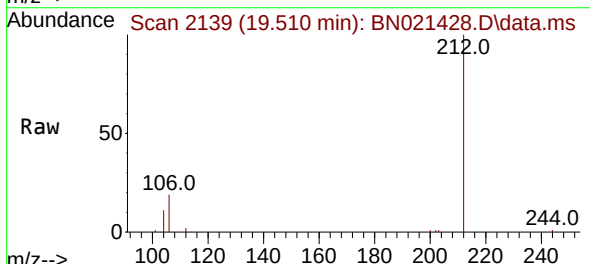
Instrument :
BNA_N
ClientSampleId :
RE115D2-20220818DL



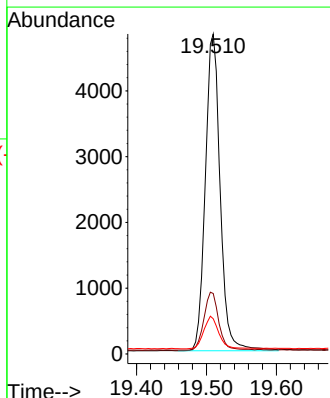
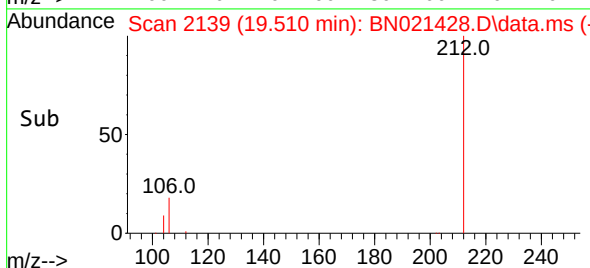
Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
264 0.0 49.0 73.6#
268 50.0 50.9 76.3#

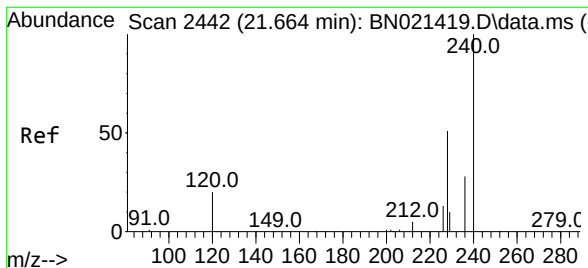


#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.510 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BN021428.D
Acq: 29 Aug 2022 18:49



Tgt Ion:212 Resp: 7113
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.3 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: BN021428.D

Acq: 29 Aug 2022 18:49

Instrument :

BNA_N

ClientSampleId :

RE115D2-20220818DL

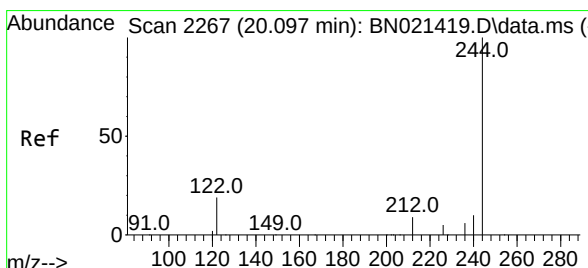
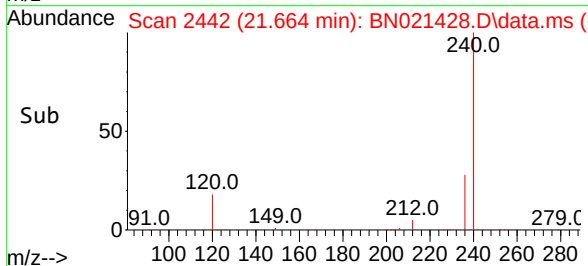
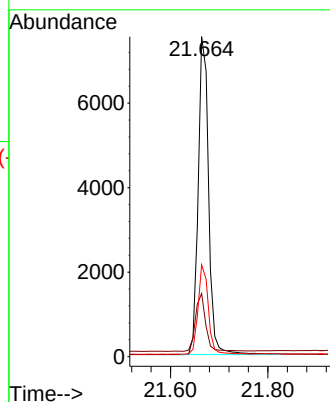
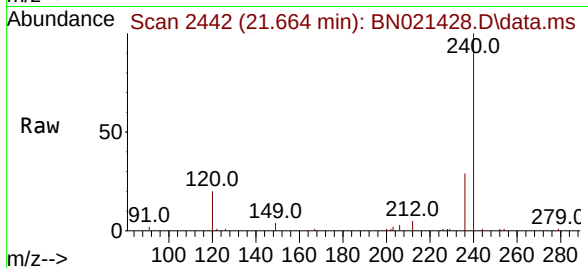
Tgt Ion:240 Resp: 11185

Ion Ratio Lower Upper

240 100

120 19.8 10.2 15.4#

236 28.7 22.1 33.1



#31

Terphenyl-d14

Concen: 0.190 ng

RT: 20.097 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BN021428.D

Acq: 29 Aug 2022 18:49

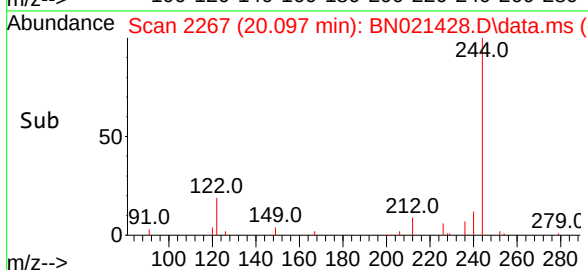
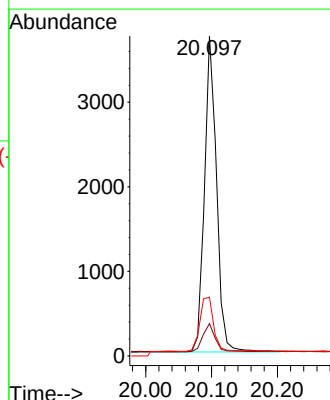
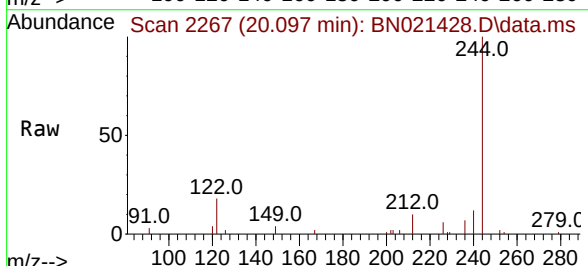
Tgt Ion:244 Resp: 4787

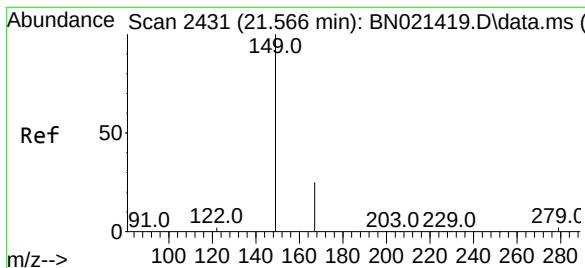
Ion Ratio Lower Upper

244 100

212 10.1 6.5 9.7#

122 18.3 9.1 13.7#

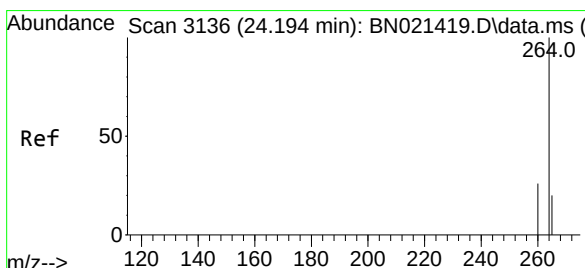
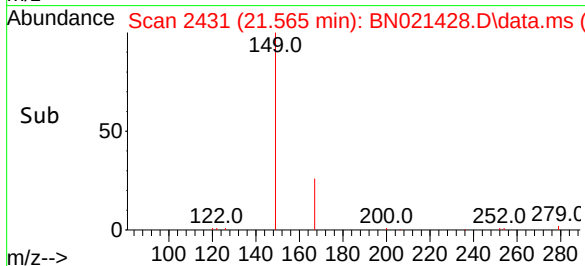
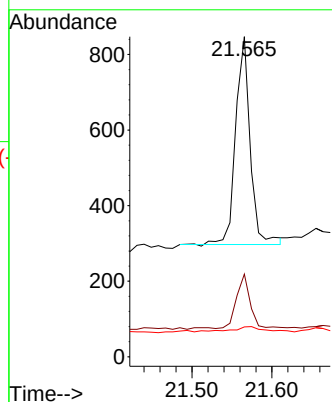
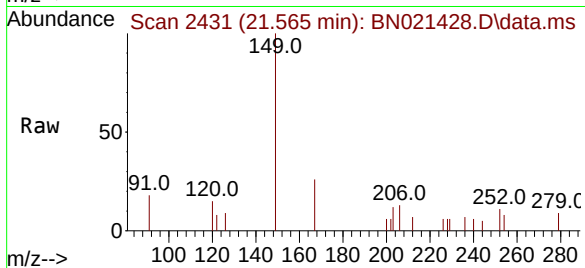




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021428.D
 Acq: 29 Aug 2022 18:49

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20220818DL

Tgt Ion:149 Resp: 695
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 5.5 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: BN021428.D
 Acq: 29 Aug 2022 18:49

Tgt Ion:264 Resp: 7756
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.0 31.6
 265 38.2 32.2 48.2

