

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021691.D
 Acq On : 10 Sep 2022 10:21
 Operator : CG/JU
 Sample : N4508-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-H

Quant Time: Sep 12 01:07:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

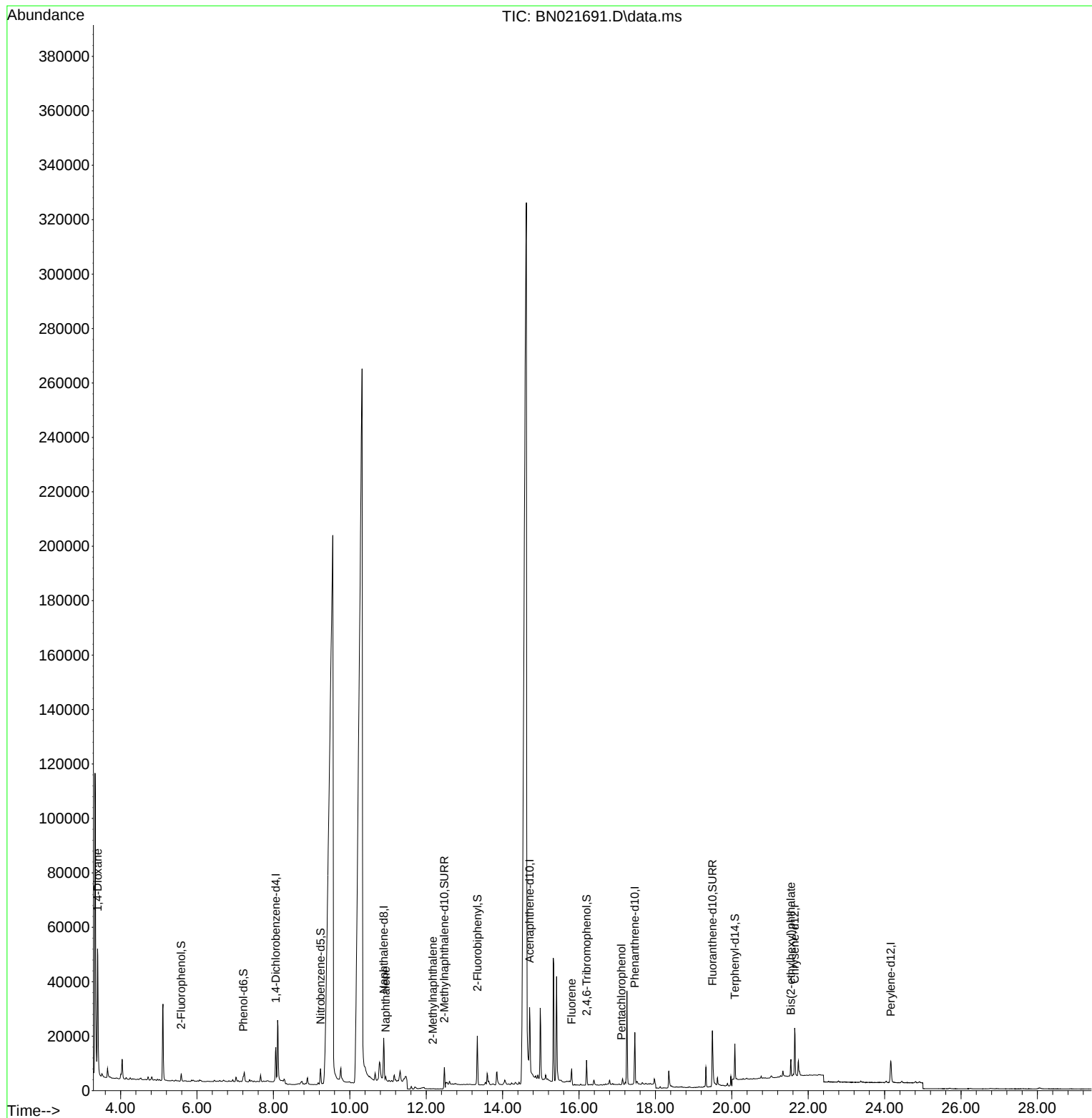
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6286	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	20650	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	16666	0.400	ng	#-0.01
19) Phenanthrene-d10	17.460	188	24352	0.400	ng	-0.01
29) Chrysene-d12	21.646	240	16517	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	12191	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2153	0.175	ng	0.00
5) Phenol-d6	7.209	99	1765	0.113	ng	0.00
8) Nitrobenzene-d5	9.233	82	4943	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	15780	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.198	330	2003	0.366	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	15104	0.207	ng	0.00
27) Fluoranthene-d10	19.493	212	20833	0.333	ng	0.00
31) Terphenyl-d14	20.079	244	11028	0.297	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	31978	4.067	ng	# 90
9) Naphthalene	10.941	128	1491	0.024	ng	# 81
12) 2-Methylnaphthalene	12.176	142	54	0.132	ng	# 1
18) Fluorene	15.808	166	1958	0.029	ng	# 58
24) Pentachlorophenol	17.111	266	49	0.211	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.548	149	6311	0.272	ng	99

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

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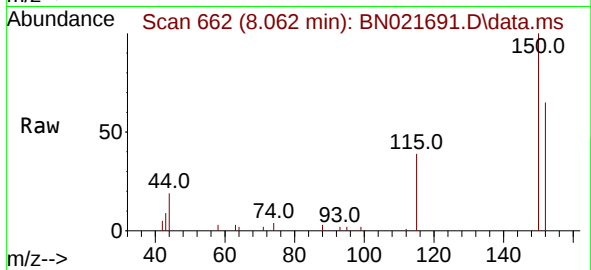
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



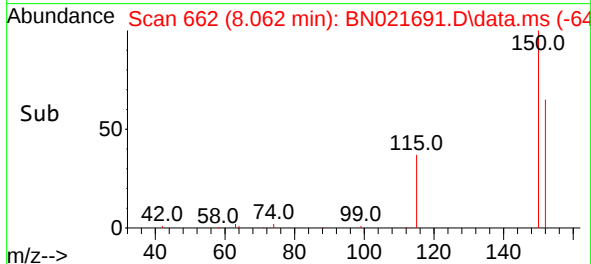
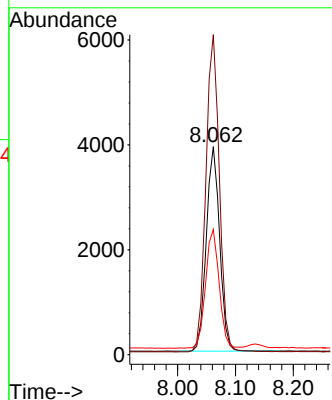


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-H

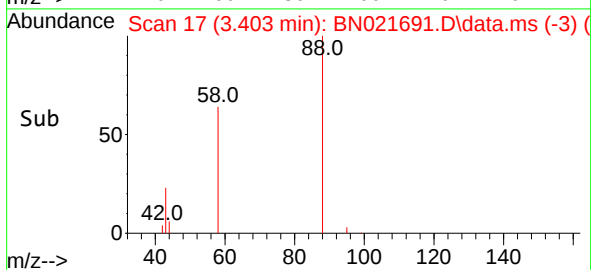
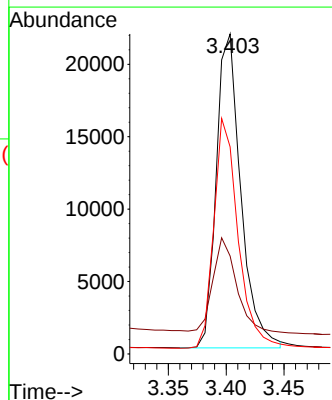
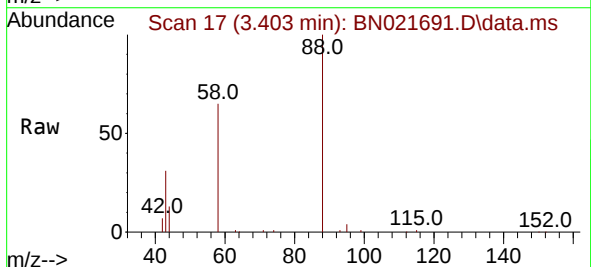


Tgt Ion:152 Resp: 6286
Ion Ratio Lower Upper
152 100
150 153.9 121.4 182.0
115 60.1 48.6 72.8



#2
1,4-Dioxane
Concen: 4.067 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

Tgt Ion: 88 Resp: 31978
Ion Ratio Lower Upper
88 100
43 28.5 35.8 53.8#
58 71.9 57.1 85.7





#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.584 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN021691.D

Acq: 10 Sep 2022 10:21

Instrument :

BNA_N

ClientSampleId :

BR-03-117-137-090222-H

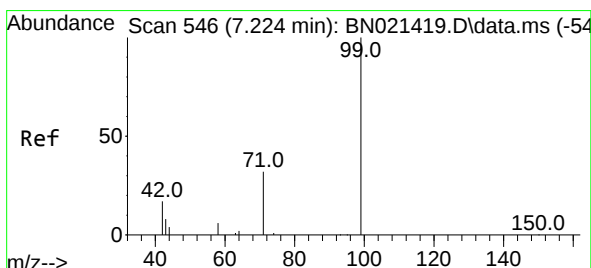
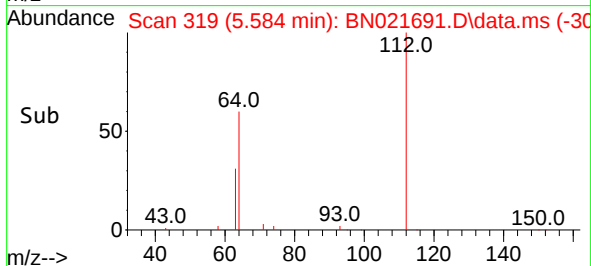
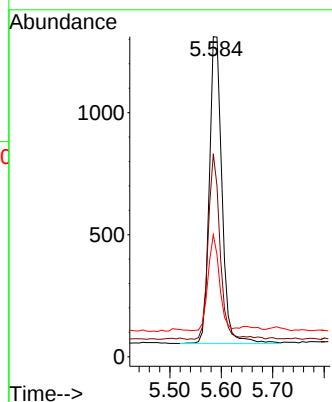
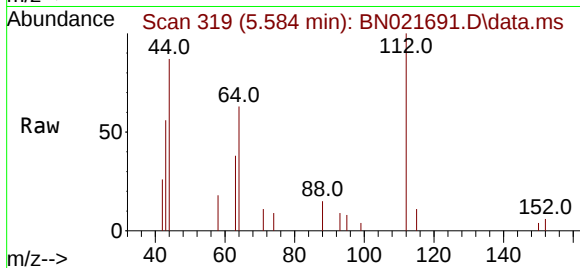
Tgt Ion:112 Resp: 2153

Ion Ratio Lower Upper

112 100

64 55.7 43.5 65.3

63 28.4 22.6 34.0



#5

Phenol-d6

Concen: 0.113 ng

RT: 7.209 min Scan# 544

Delta R.T. -0.007 min

Lab File: BN021691.D

Acq: 10 Sep 2022 10:21

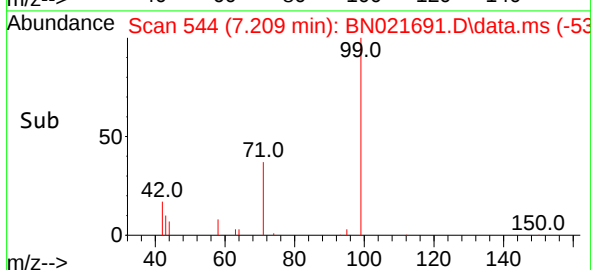
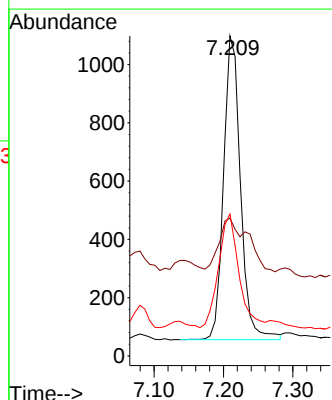
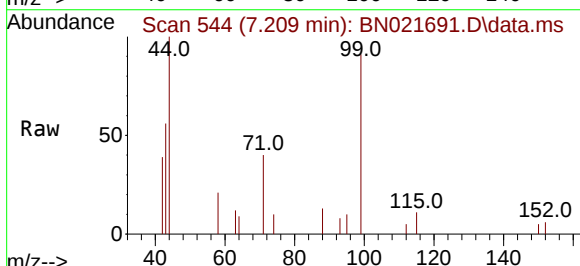
Tgt Ion: 99 Resp: 1765

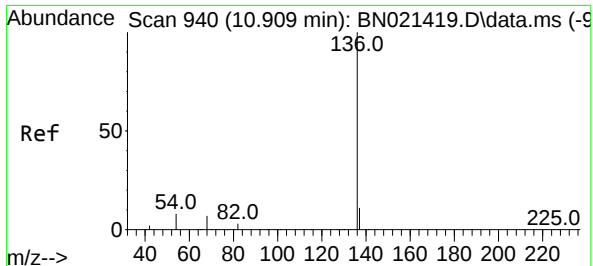
Ion Ratio Lower Upper

99 100

42 31.8 15.5 23.3#

71 45.0 24.2 36.2#

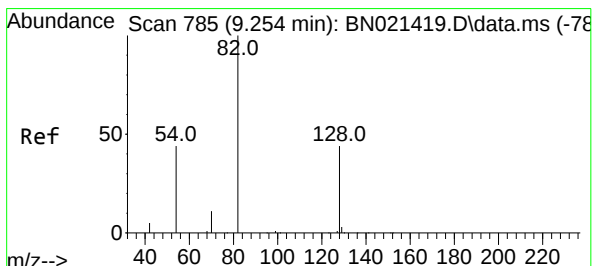
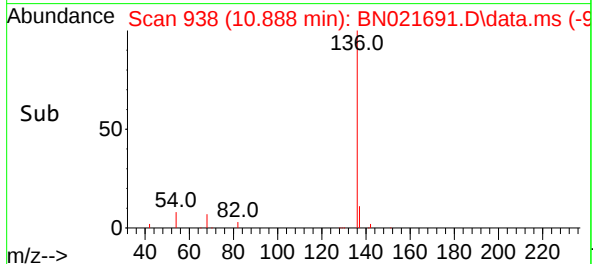
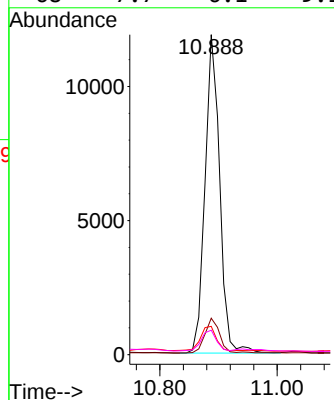
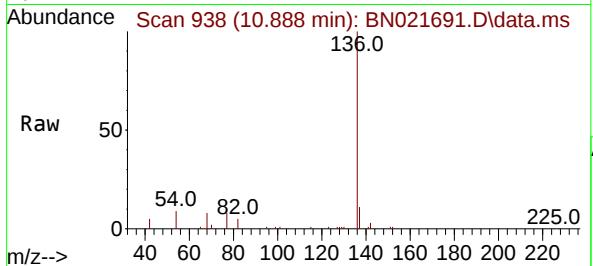




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

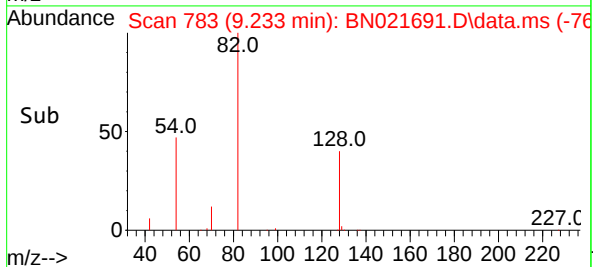
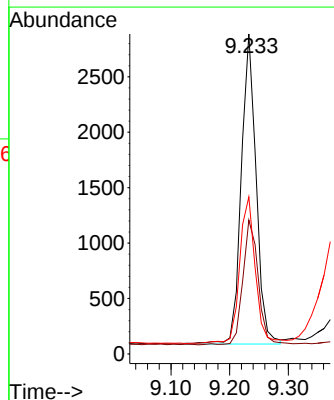
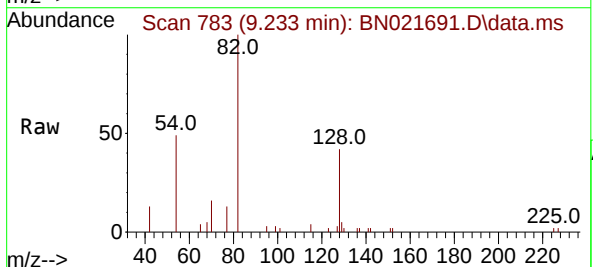
Instrument :
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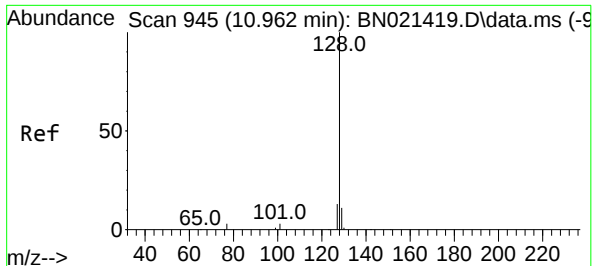
Tgt Ion:136	Resp:	20650
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.3 13.9
54	8.9	6.9 10.3
68	7.7	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

Tgt Ion: 82	Resp:	4943
Ion Ratio	Lower	Upper
82	100	
128	41.8	30.9 46.3
54	49.1	42.7 64.1

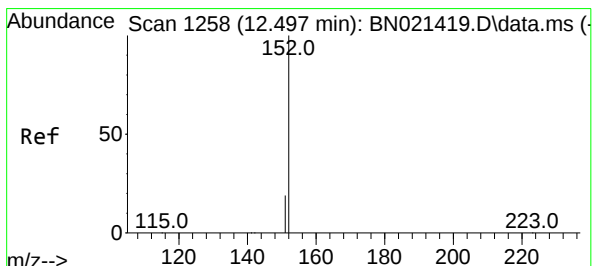
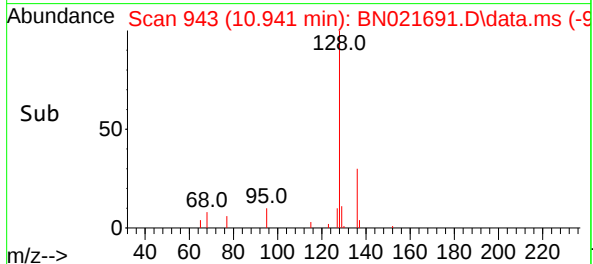
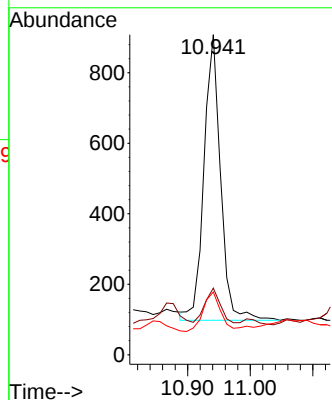
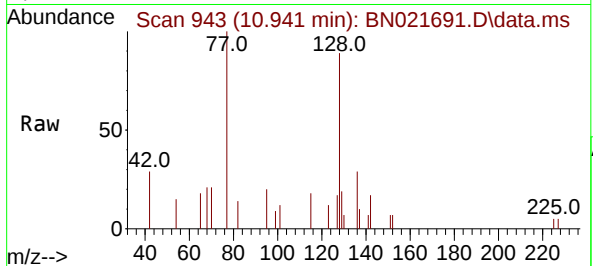




#9
Naphthalene
Concen: 0.024 ng
RT: 10.941 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

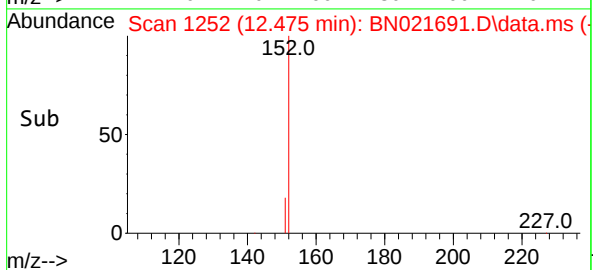
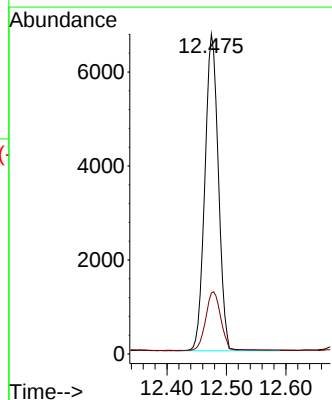
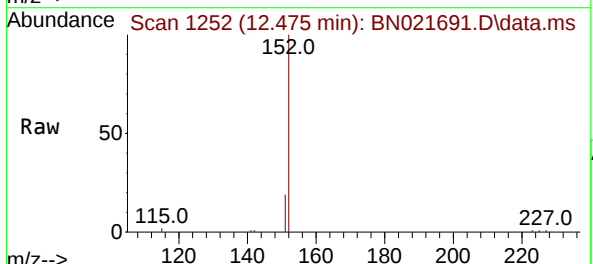
Instrument :
BNA_N
ClientSampleId :
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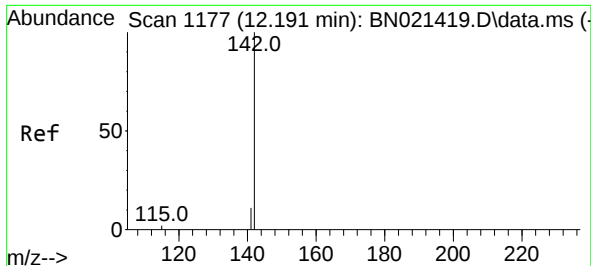
Tgt Ion:128 Resp: 1491
Ion Ratio Lower Upper
128 100
129 20.8 9.3 13.9#
127 19.6 11.0 16.4#



#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.475 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

Tgt Ion:152 Resp: 15780
Ion Ratio Lower Upper
152 100
151 19.4 14.5 21.7

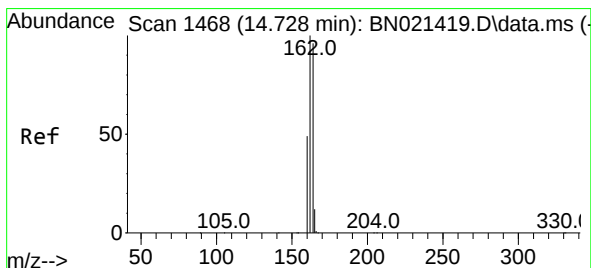
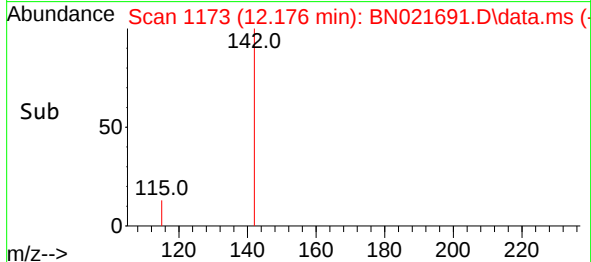
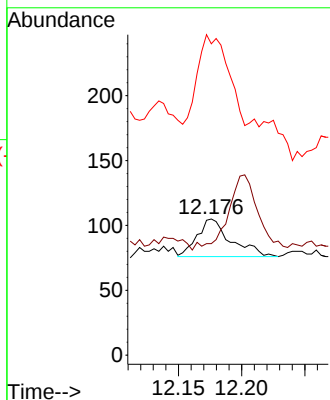
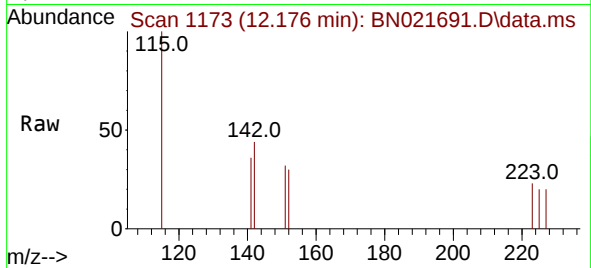




#12
2-Methylnaphthalene
Concen: 0.132 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

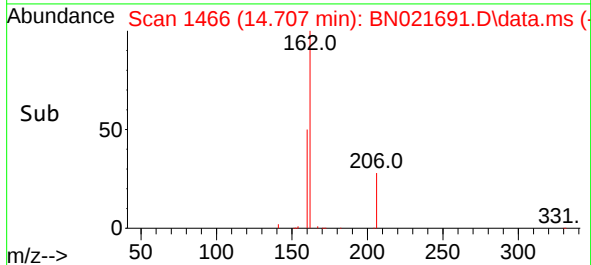
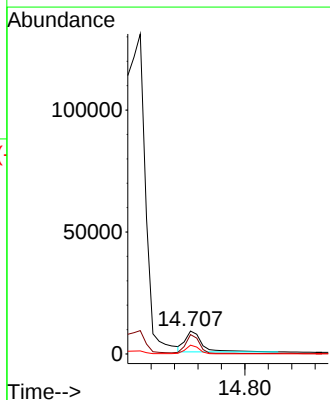
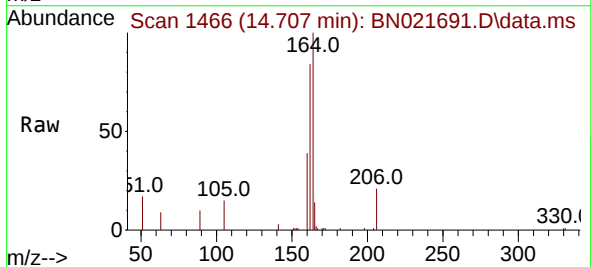
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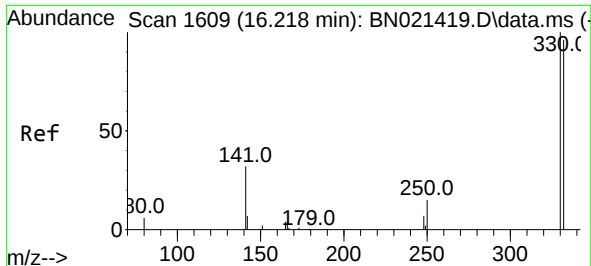
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
141 81.9 12.2 18.2#
115 228.6 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.011 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

Tgt Ion:164 Resp: 16666
Ion Ratio Lower Upper
164 100
162 84.4 82.2 123.4
160 38.5 39.5 59.3#

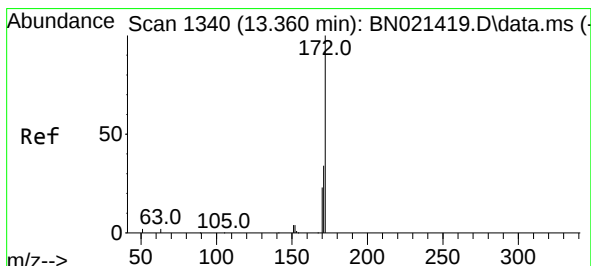
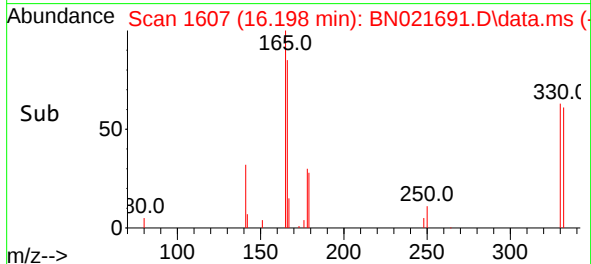
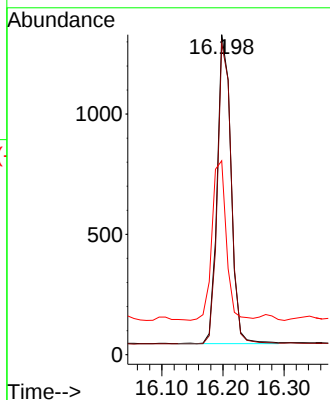
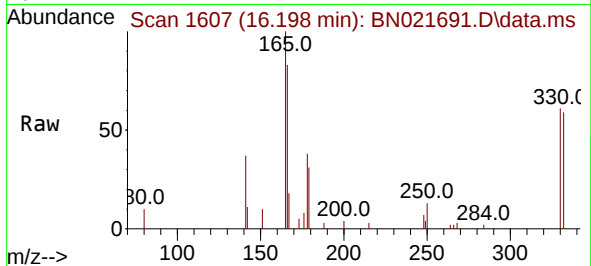




#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 16.198 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

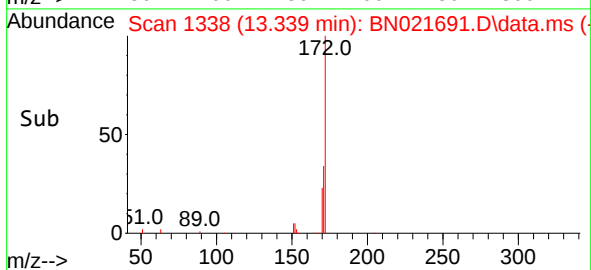
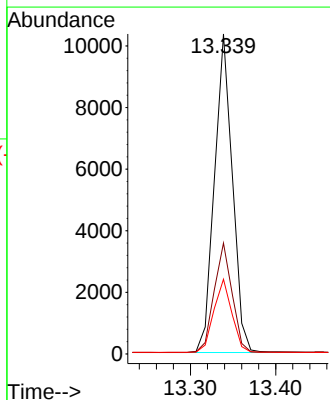
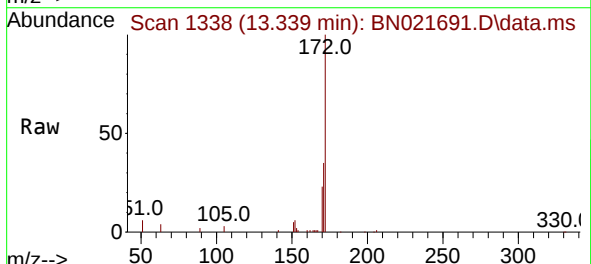
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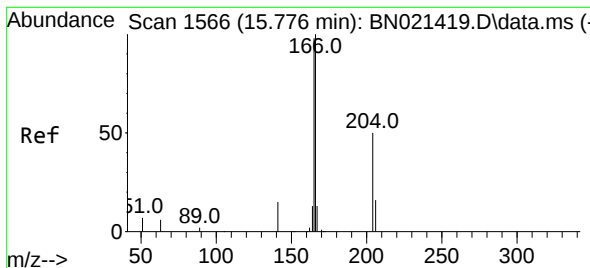
Tgt Ion:330 Resp: 2003
Ion Ratio Lower Upper
330 100
332 97.5 79.3 118.9
141 54.2 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021691.D
Acq: 10 Sep 2022 10:21

Tgt Ion:172 Resp: 15104
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 28.0





#18

Fluorene

Concen: 0.029 ng

RT: 15.808 min Scan# 1

Delta R.T. 0.043 min

Lab File: BN021691.D

Acq: 10 Sep 2022 10:21

Instrument :

BNA_N

ClientSampleId :

BR-03-117-137-090222-H

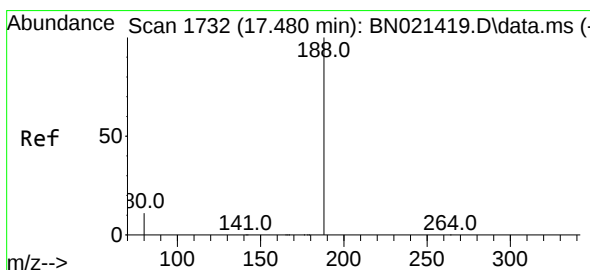
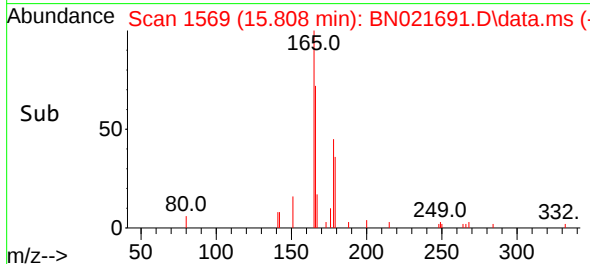
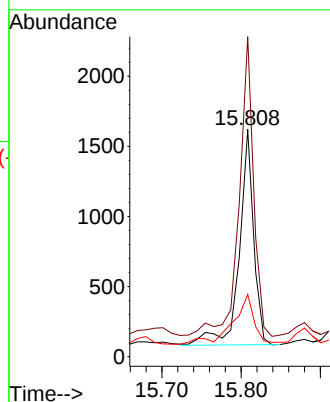
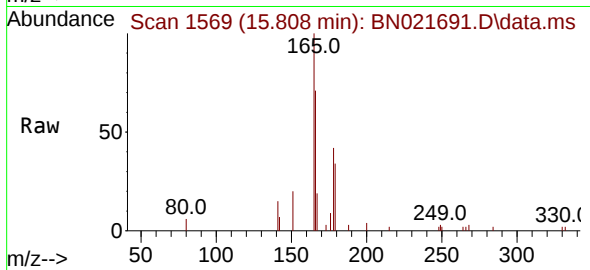
Tgt Ion:166 Resp: 1958

Ion Ratio Lower Upper

166 100

165 138.9 78.7 118.1#

167 33.9 10.6 16.0#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.460 min Scan# 1730

Delta R.T. -0.010 min

Lab File: BN021691.D

Acq: 10 Sep 2022 10:21

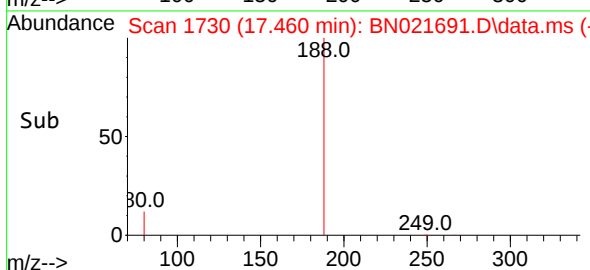
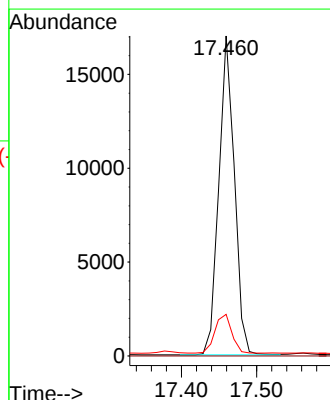
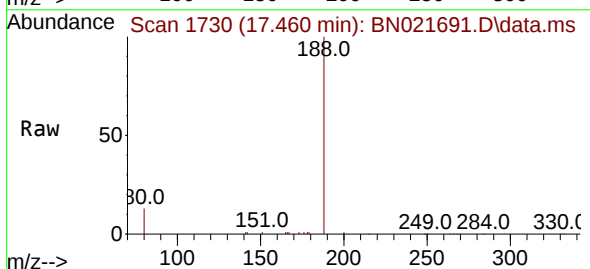
Tgt Ion:188 Resp: 24352

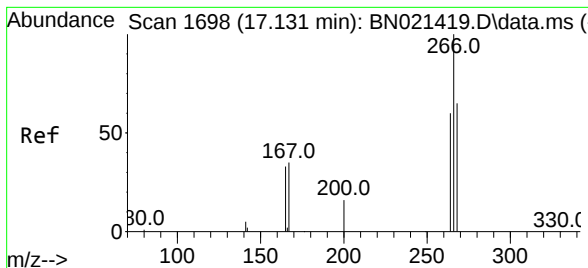
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 9.5 14.3





#24

Pentachlorophenol

Concen: 0.211 ng

RT: 17.111 min Scan# 1696

Delta R.T. -0.010 min

Lab File: BN021691.D

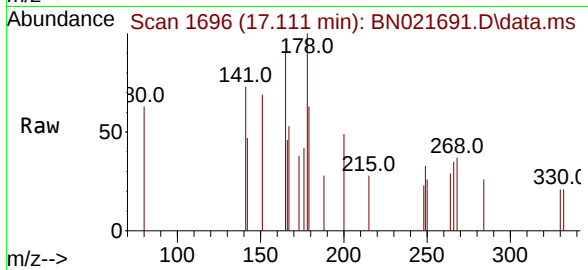
Acq: 10 Sep 2022 10:21

Instrument :

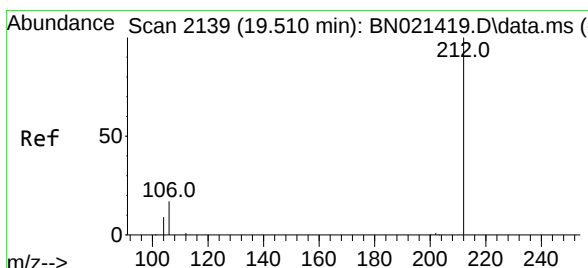
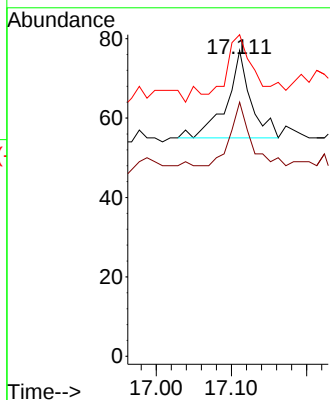
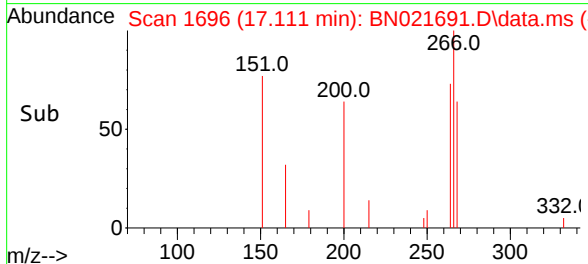
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Tgt Ion:	266	Resp:	49
Ion Ratio	Lower	Upper	
266	100		
264	61.2	49.0	73.6
268	93.9	50.9	76.3



#27

Fluoranthene-d10

Concen: 0.333 ng

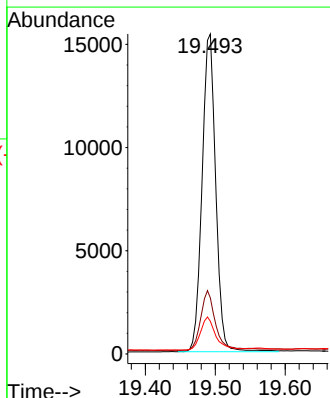
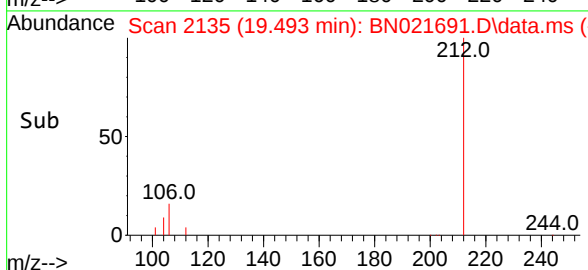
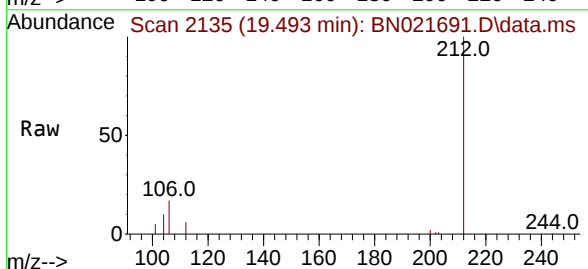
RT: 19.493 min Scan# 2135

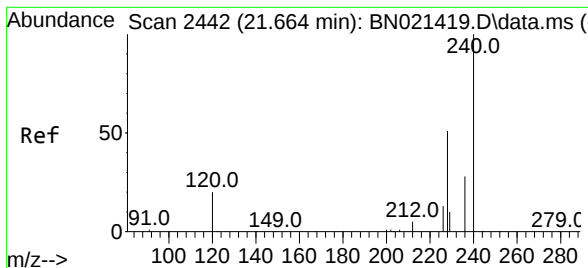
Delta R.T. -0.004 min

Lab File: BN021691.D

Acq: 10 Sep 2022 10:21

Tgt Ion:	212	Resp:	20833
Ion Ratio	Lower	Upper	
212	100		
106	20.3	14.2	21.2
104	11.5	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.646 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BN021691.D

Acq: 10 Sep 2022 10:21

Instrument :

BNA_N

ClientSampleId :

BR-03-117-137-090222-H

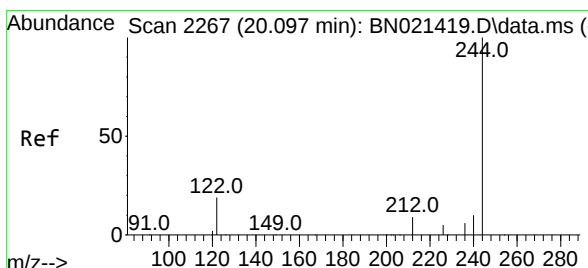
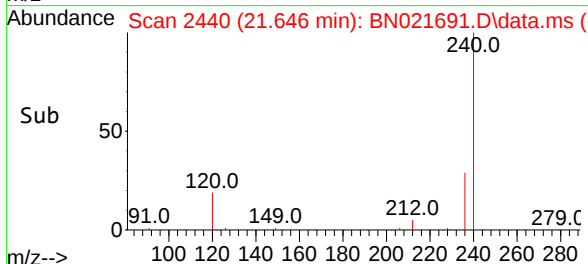
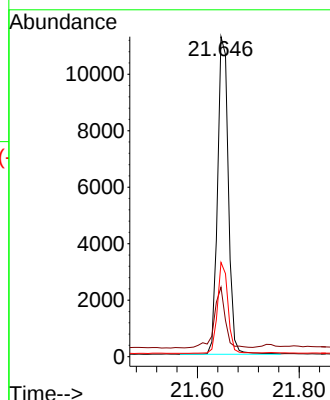
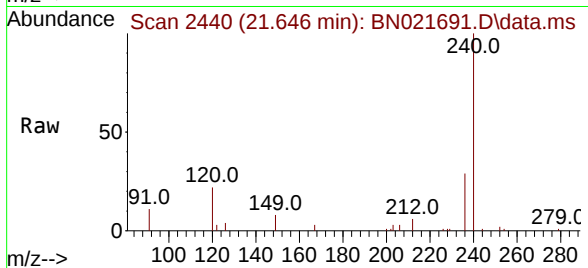
Tgt Ion:240 Resp: 16517

Ion Ratio Lower Upper

240 100

120 21.7 10.2 15.4#

236 29.4 22.1 33.1



#31

Terphenyl-d14

Concen: 0.297 ng

RT: 20.079 min Scan# 2265

Delta R.T. -0.009 min

Lab File: BN021691.D

Acq: 10 Sep 2022 10:21

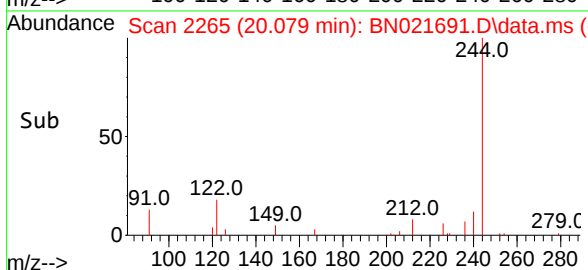
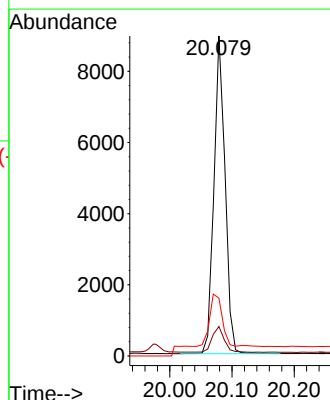
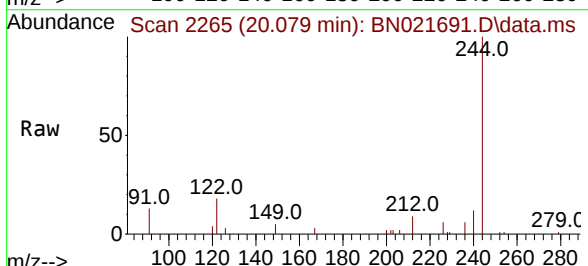
Tgt Ion:244 Resp: 11028

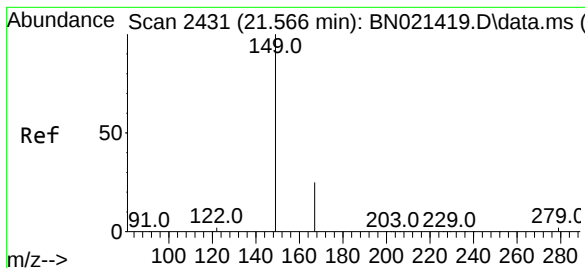
Ion Ratio Lower Upper

244 100

212 9.2 6.5 9.7

122 18.1 9.1 13.7#

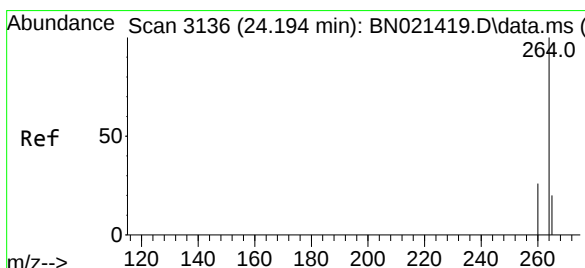
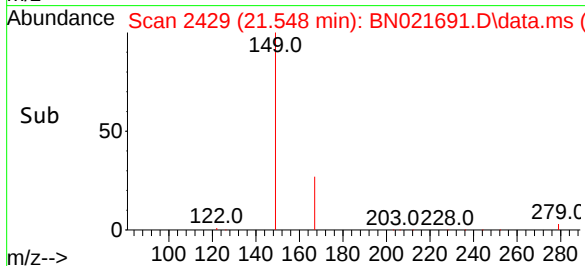
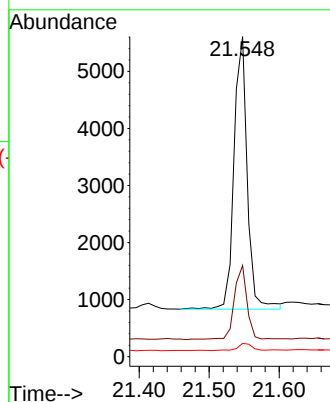
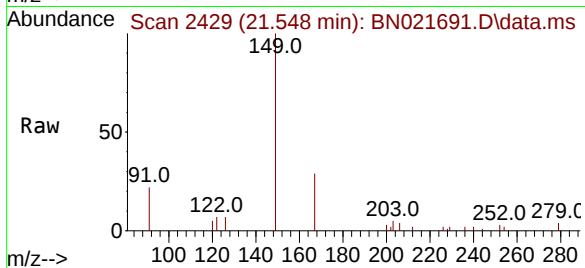




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.272 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021691.D
 Acq: 10 Sep 2022 10:21

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-H

Tgt Ion:149 Resp: 6311
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 2.8 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3125
 Delta R.T. -0.012 min
 Lab File: BN021691.D
 Acq: 10 Sep 2022 10:21

Tgt Ion:264 Resp: 12191
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.6
 265 44.3 32.2 48.2

