

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021684.D
 Acq On : 10 Sep 2022 06:04
 Operator : CG/JU
 Sample : N4492-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-180-200-090122-H

Quant Time: Sep 10 06:30:57 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)

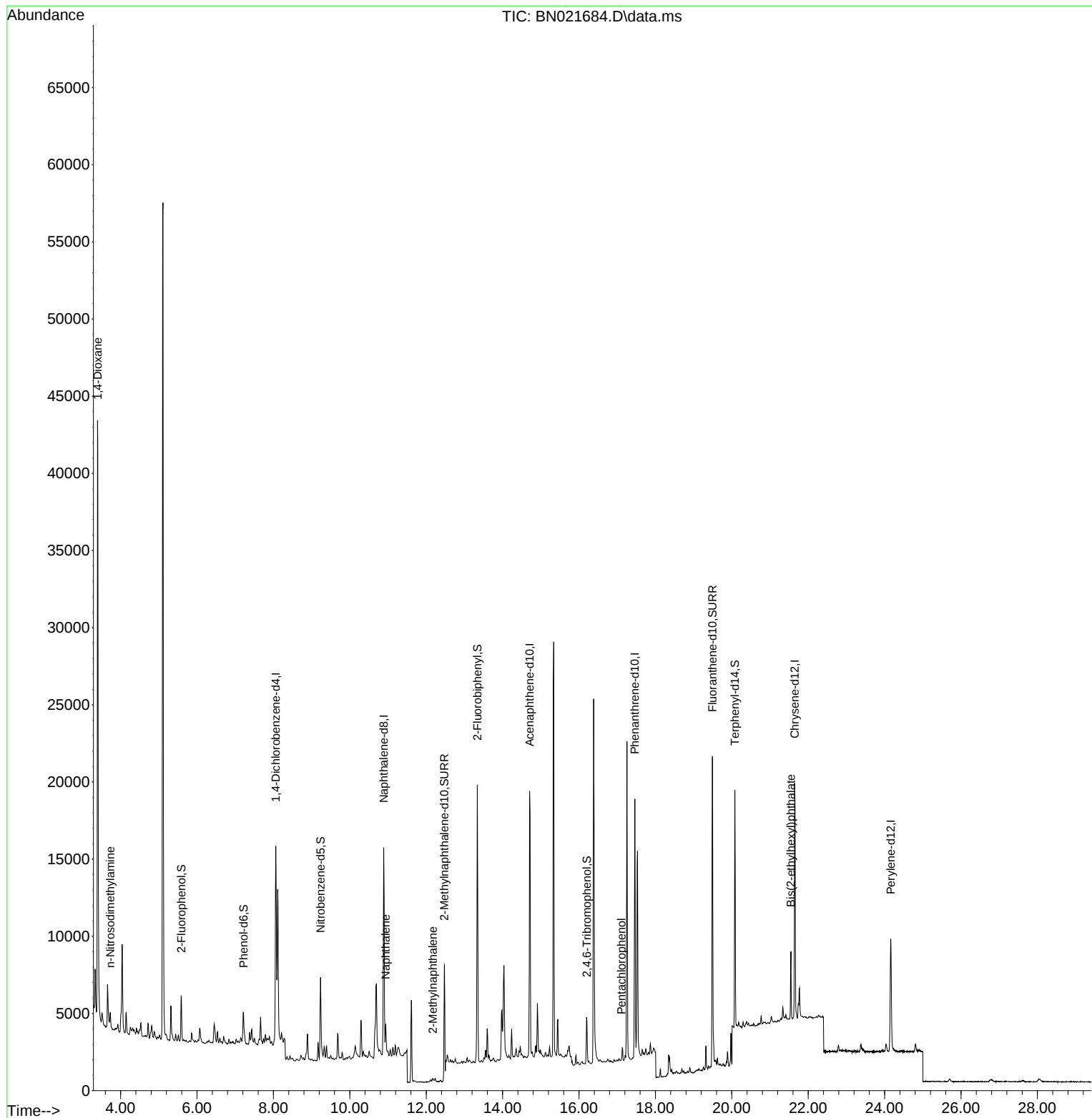
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5393	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	18393	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	10436	0.400	ng	-0.01
19) Phenanthrene-d10	17.459	188	21430	0.400	ng	-0.01
29) Chrysene-d12	21.646	240	14828	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	10803	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	2353	0.223	ng	0.00
5) Phenol-d6	7.217	99	2097	0.156	ng	0.00
8) Nitrobenzene-d5	9.233	82	4543	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	12236	0.295	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1775	0.518	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	15061	0.330	ng	0.00
27) Fluoranthene-d10	19.493	212	21426	0.389	ng	0.00
31) Terphenyl-d14	20.079	244	13049	0.392	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	27242	4.039	ng	# 90
3) n-Nitrosodimethylamine	3.728	42	143	0.024	ng	# 15
9) Naphthalene	10.941	128	2231	0.041	ng	# 91
12) 2-Methylnaphthalene	12.172	142	157	0.144	ng	# 1
24) Pentachlorophenol	17.111	266	86	0.220	ng	92
34) Bis(2-ethylhexyl)phtha...	21.548	149	4137	0.199	ng	98

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

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BR-01-180-200-090122-H

Quant Time: Sep 10 06:30:57 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

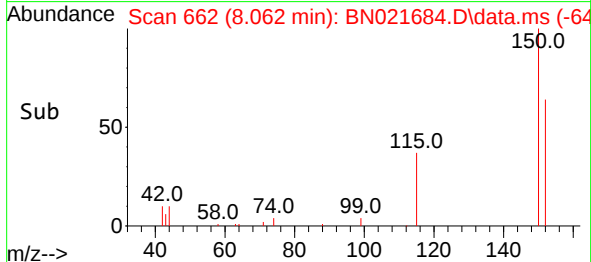
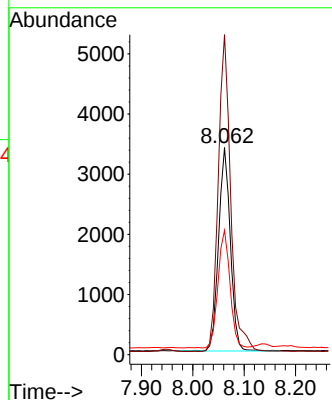
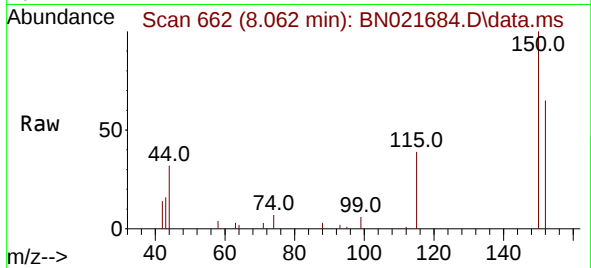




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021684.D
 Acq: 10 Sep 2022 06:04

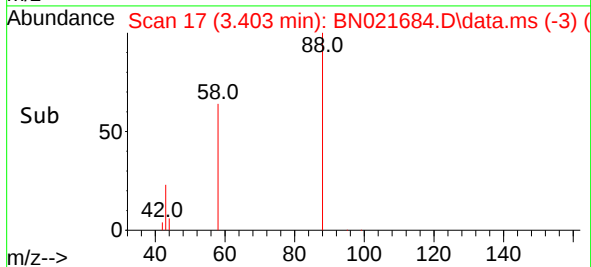
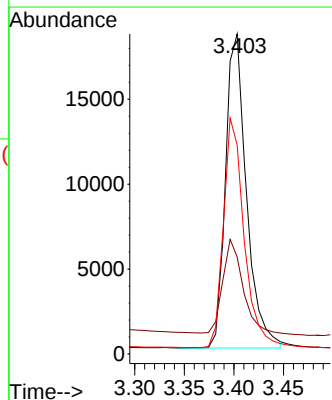
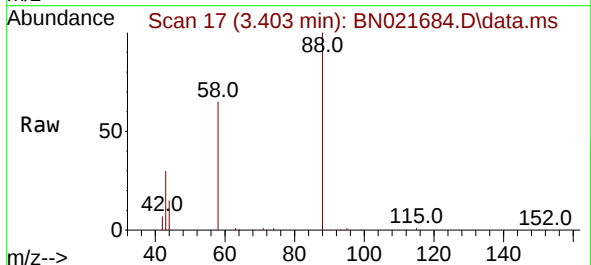
Instrument :
 BNA_N
 ClientSampleId :
 BR-01-180-200-090122-H

Tgt Ion:152 Resp: 5393
 Ion Ratio Lower Upper
 152 100
 150 154.5 121.4 182.0
 115 60.0 48.6 72.8



#2
 1,4-Dioxane
 Concen: 4.039 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021684.D
 Acq: 10 Sep 2022 06:04

Tgt Ion: 88 Resp: 27242
 Ion Ratio Lower Upper
 88 100
 43 28.3 35.8 53.8#
 58 71.8 57.1 85.7

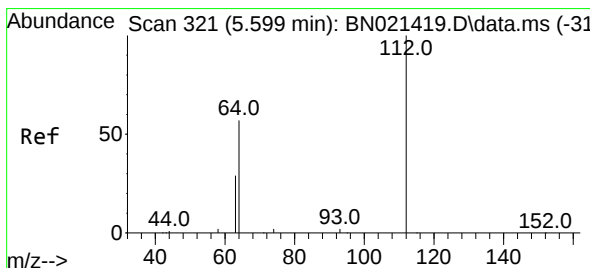
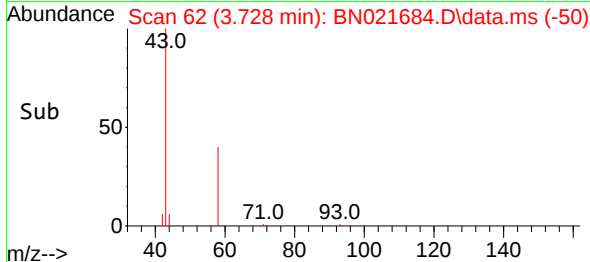
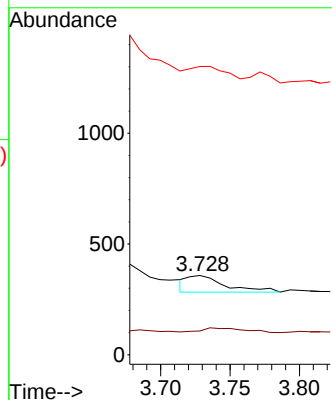
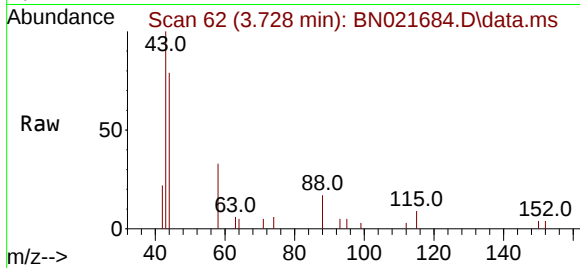




#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.728 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

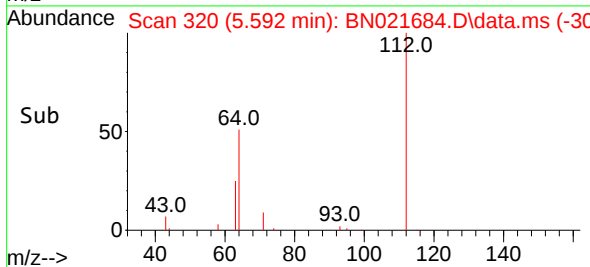
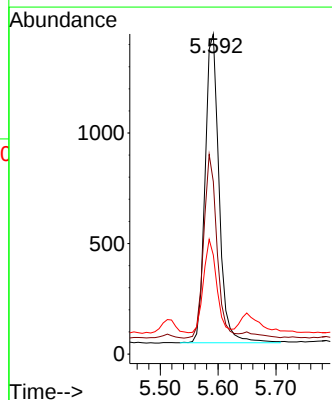
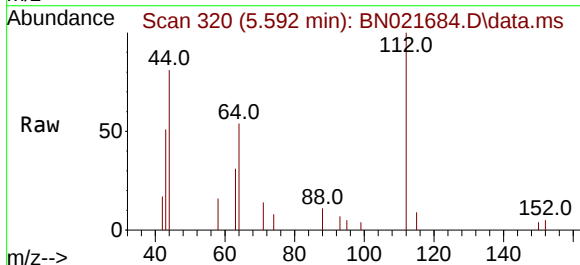
Instrument :
BNA_N
ClientSampleId :
BR-01-180-200-090122-H

Tgt Ion: 42 Resp: 143
Ion Ratio Lower Upper
42 100
74 31.5 113.0 169.6#
44 0.0 10.5 15.7#



#4
2-Fluorophenol
Concen: 0.223 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

Tgt Ion: 112 Resp: 2353
Ion Ratio Lower Upper
112 100
64 56.2 43.5 65.3
63 28.1 22.6 34.0

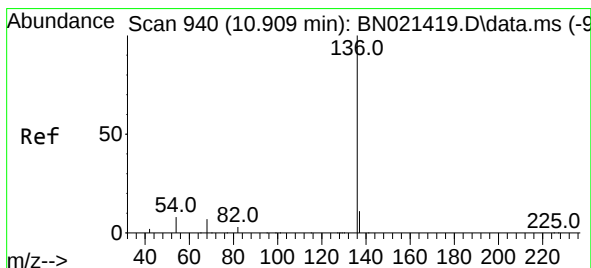
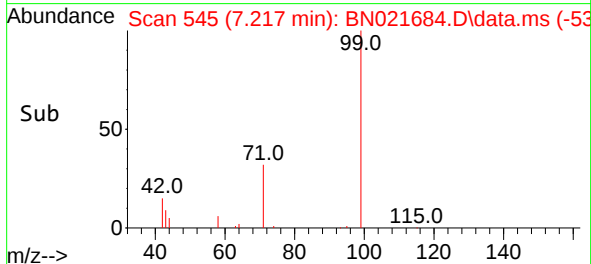
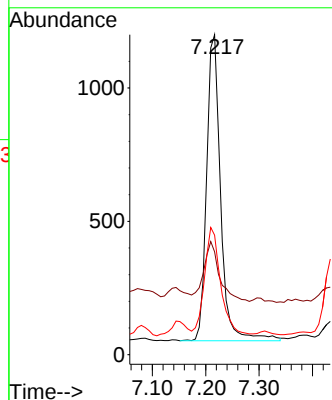
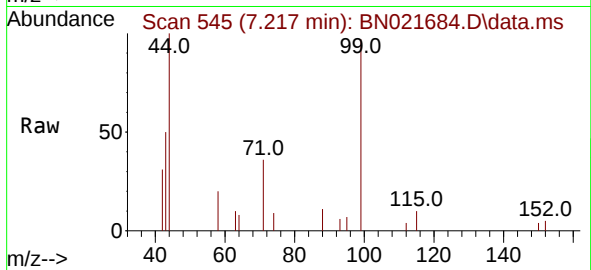




#5
Phenol-d6
Concen: 0.156 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

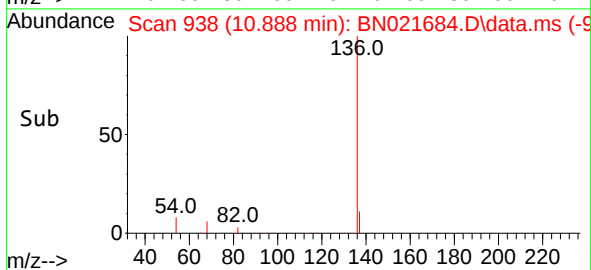
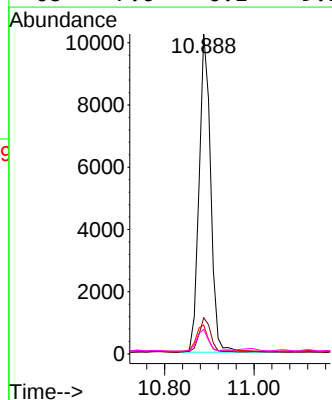
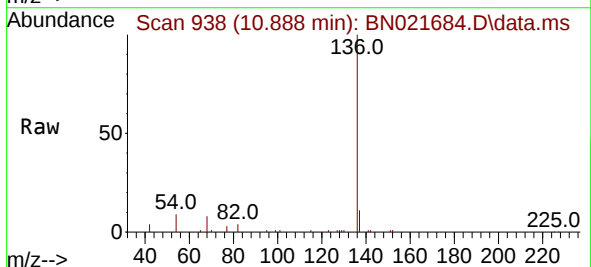
Instrument :
BNA_N
ClientSampleId :
BR-01-180-200-090122-H

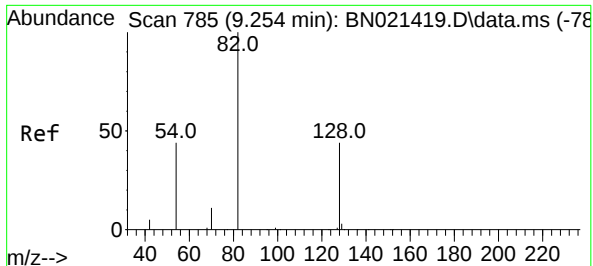
Tgt Ion: 99 Resp: 2097
Ion Ratio Lower Upper
99 100
42 21.9 15.5 23.3
71 39.0 24.2 36.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

Tgt Ion: 136 Resp: 18393
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 9.0 6.9 10.3
68 7.6 6.1 9.1

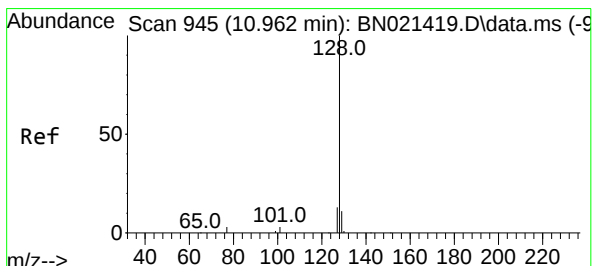
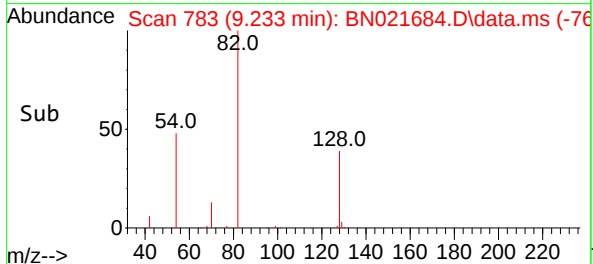
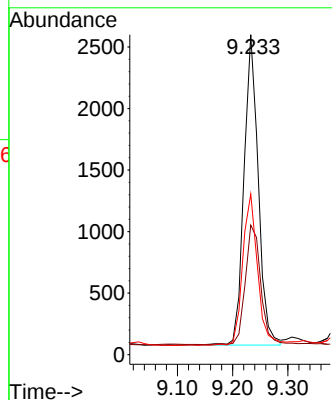
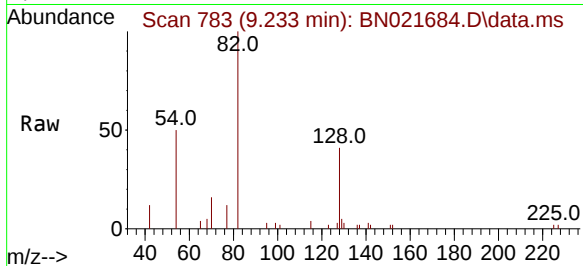




#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.233 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

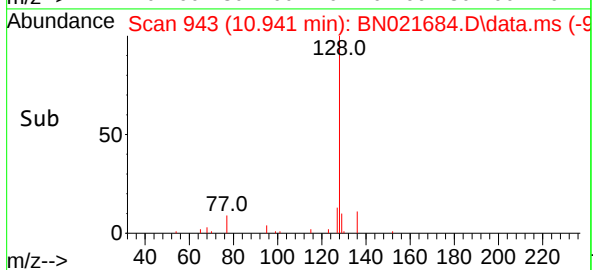
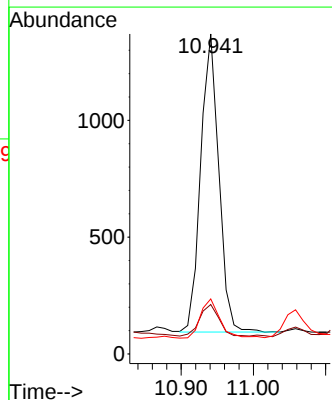
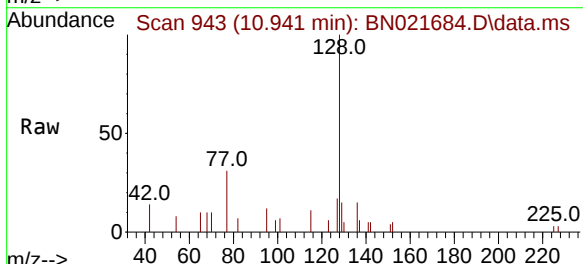
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ClientSampleId :
BR-01-180-200-090122-H

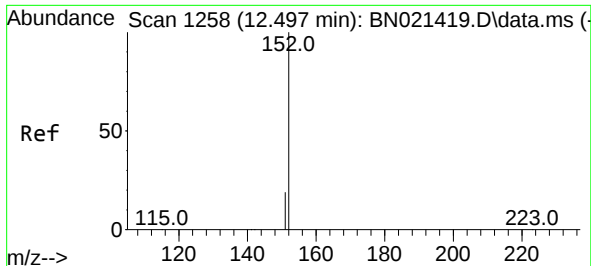
Tgt Ion: 82 Resp: 4543
Ion Ratio Lower Upper
82 100
128 40.5 30.9 46.3
54 50.2 42.7 64.1



#9
Naphthalene
Concen: 0.041 ng
RT: 10.941 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

Tgt Ion: 128 Resp: 2231
Ion Ratio Lower Upper
128 100
129 15.5 9.3 13.9#
127 17.2 11.0 16.4#





#11

2-Methylnaphthalene-d10

Concen: 0.295 ng

RT: 12.475 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN021684.D

Acq: 10 Sep 2022 06:04

Instrument :

BNA_N

ClientSampleId :

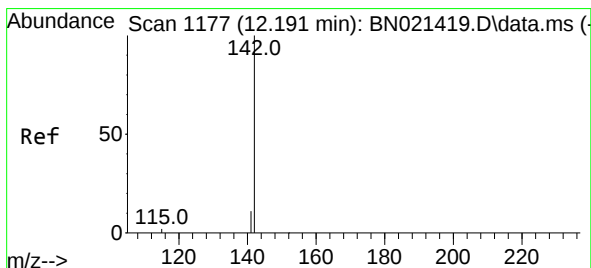
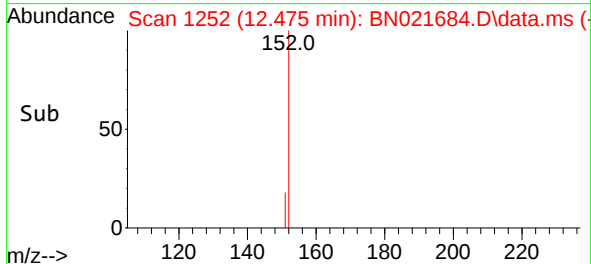
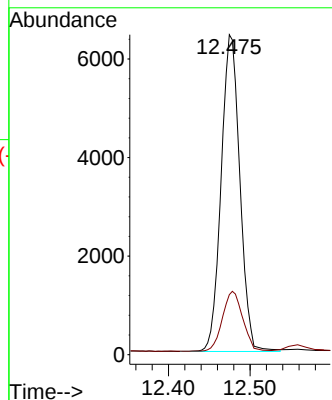
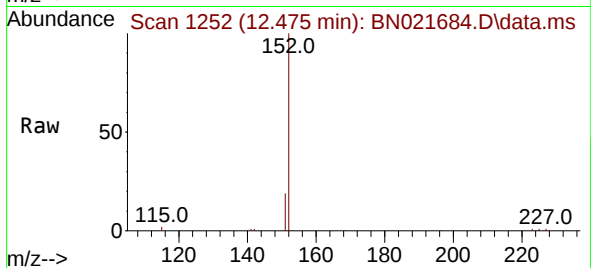
BR-01-180-200-090122-H

Tgt Ion:152 Resp: 12236

Ion Ratio Lower Upper

152 100

151 19.6 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.144 ng

RT: 12.172 min Scan# 1172

Delta R.T. -0.008 min

Lab File: BN021684.D

Acq: 10 Sep 2022 06:04

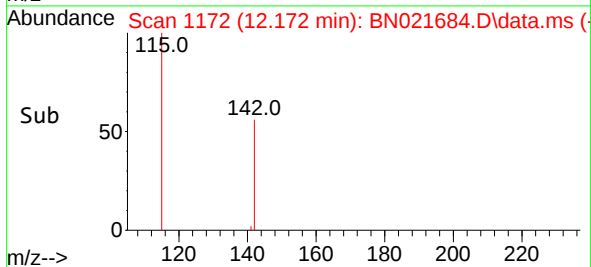
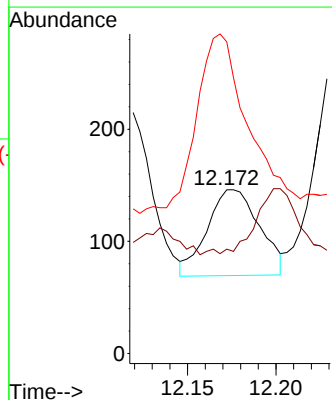
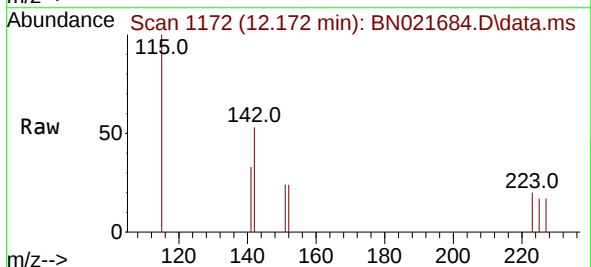
Tgt Ion:142 Resp: 157

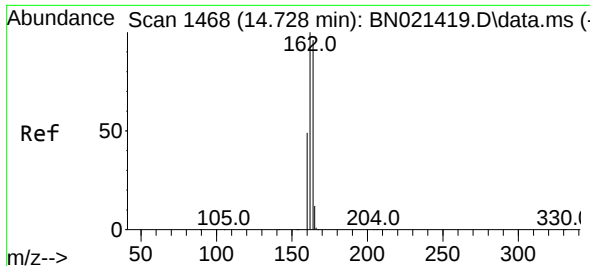
Ion Ratio Lower Upper

142 100

141 63.7 12.2 18.2#

115 190.4 7.9 11.9#

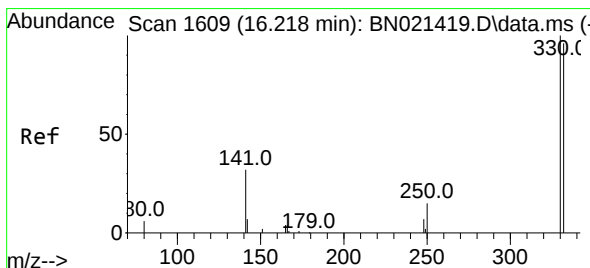
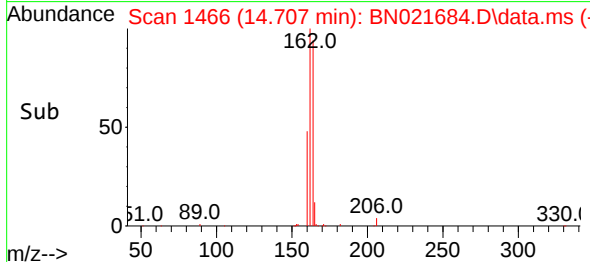
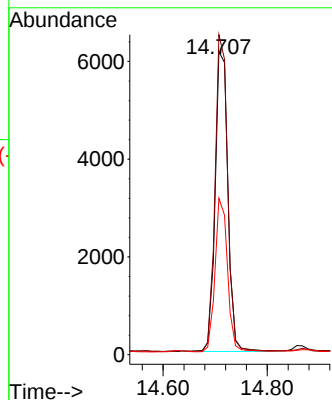
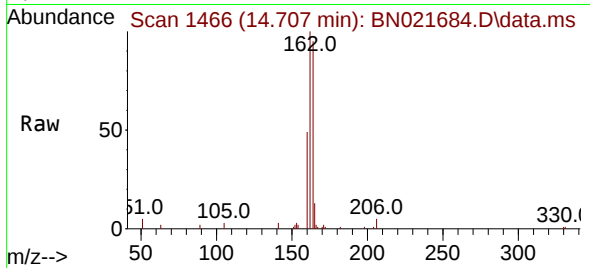




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

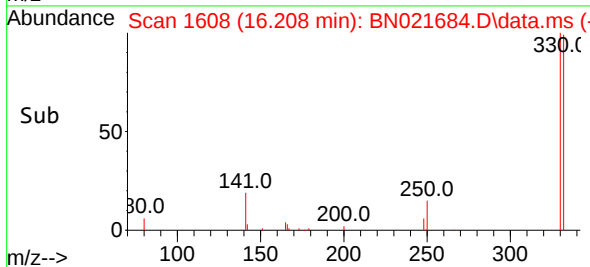
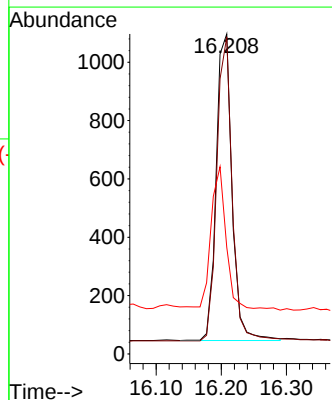
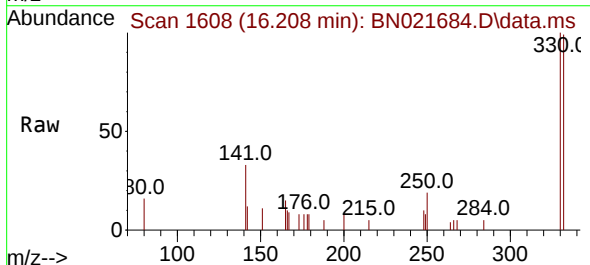
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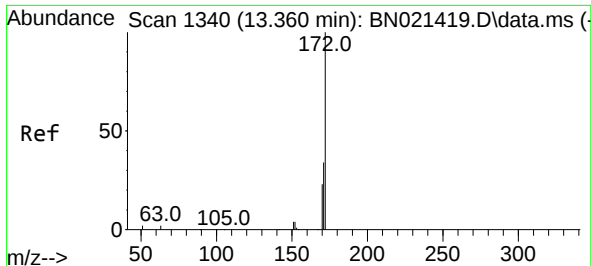
Tgt Ion:164	Resp:	10436
Ion Ratio	Lower	Upper
164	100	
162	105.5	82.2 123.4
160	51.6	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

Tgt Ion:330	Resp:	1775
Ion Ratio	Lower	Upper
330	100	
332	96.4	79.3 118.9
141	45.3	37.1 55.7

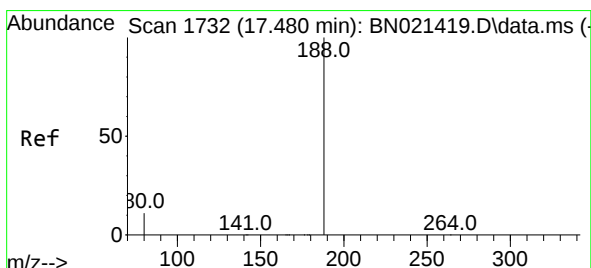
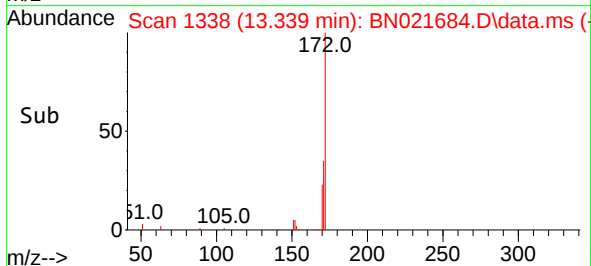
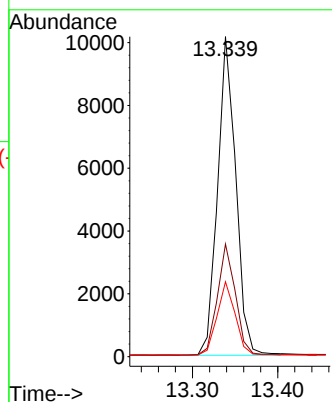
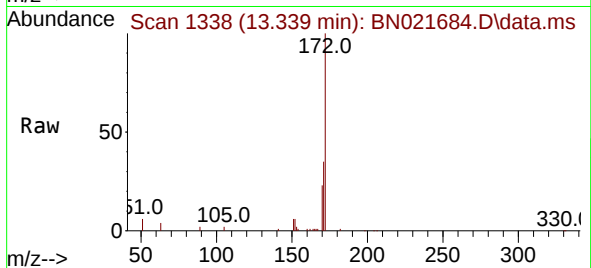




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

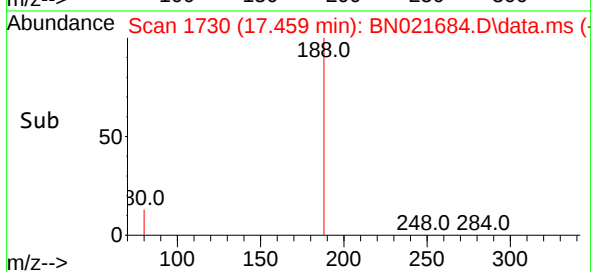
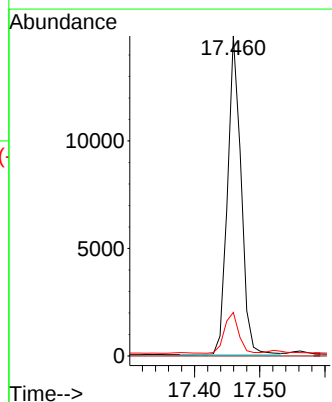
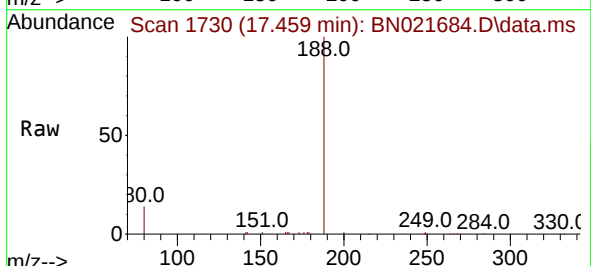
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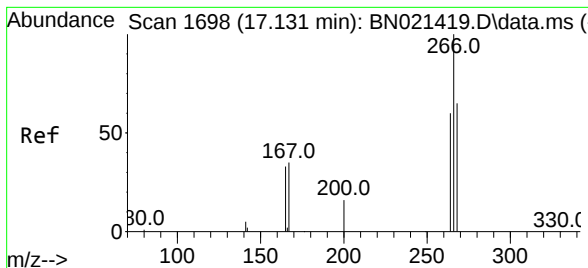
Tgt Ion:	172	Resp:	15061
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.4	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

Tgt Ion:	188	Resp:	21430
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	9.5	14.3





#24

Pentachlorophenol

Concen: 0.220 ng

RT: 17.111 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN021684.D

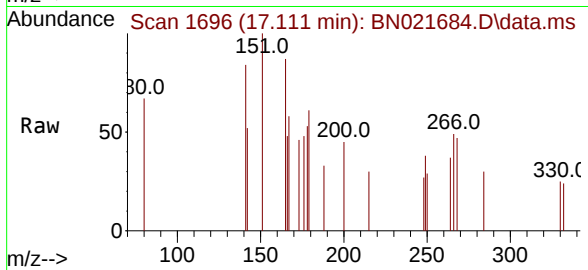
Acq: 10 Sep 2022 06:04

Instrument :

BNA_N

ClientSampleId :

BR-01-180-200-090122-H



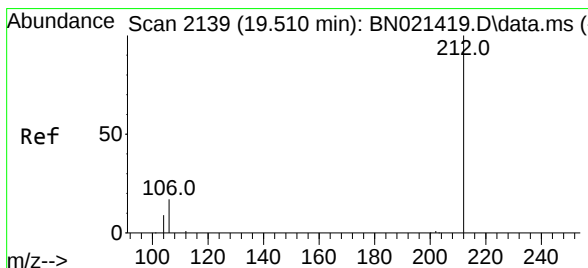
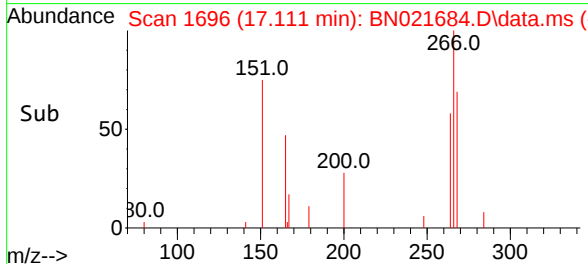
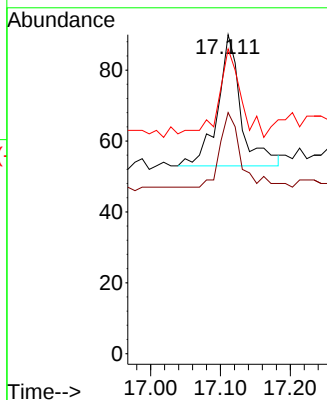
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 51.2 49.0 73.6

268 61.6 50.9 76.3



#27

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.493 min Scan# 2135

Delta R.T. -0.004 min

Lab File: BN021684.D

Acq: 10 Sep 2022 06:04

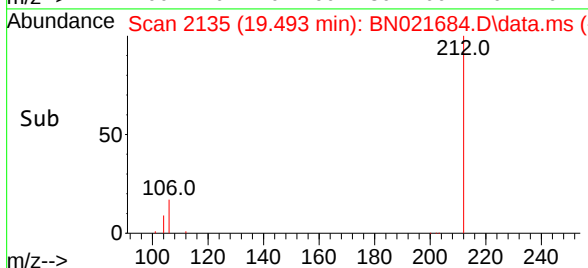
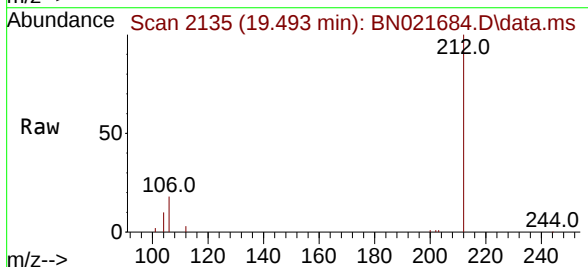
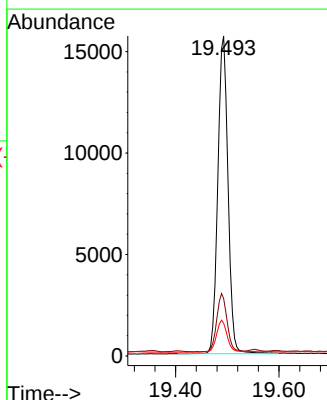
Tgt Ion:212 Resp: 21426

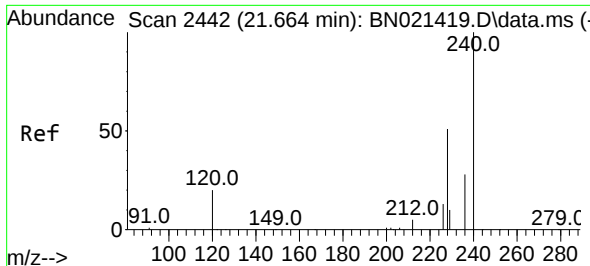
Ion Ratio Lower Upper

212 100

106 18.4 14.2 21.2

104 10.4 7.8 11.6

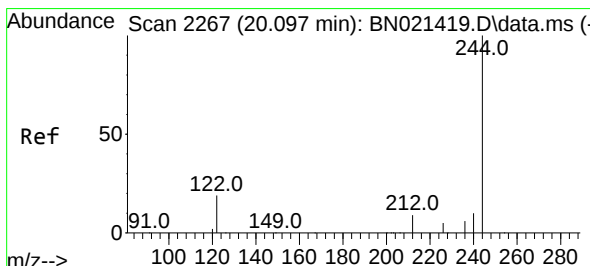
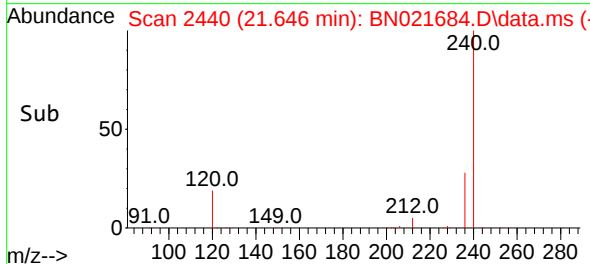
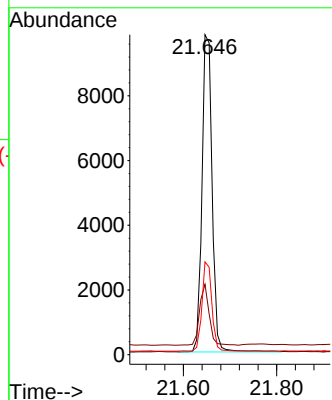
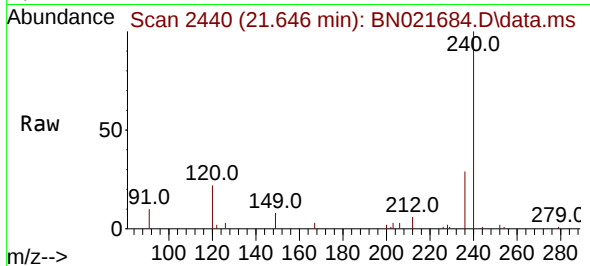




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.646 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

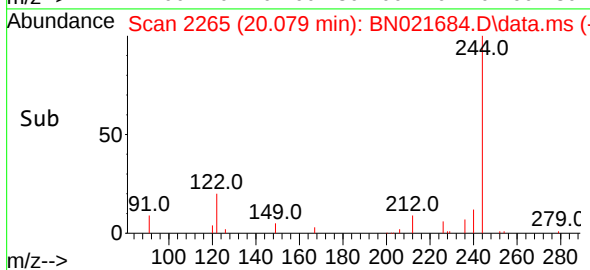
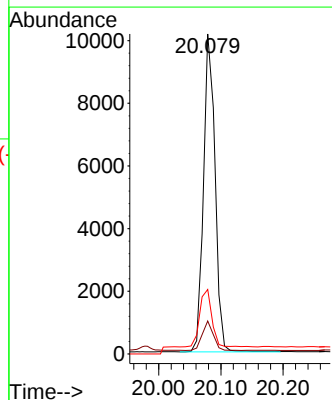
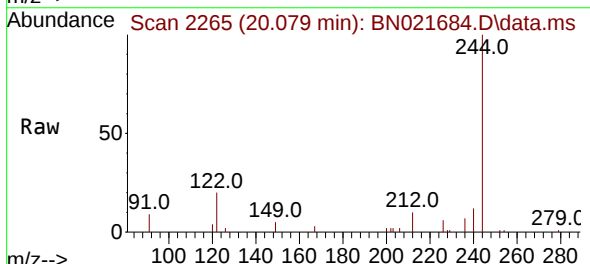
Instrument :
BNA_N
ClientSampleId :
BR-01-180-200-090122-H

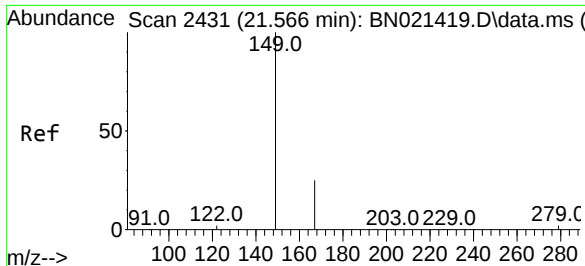
Tgt Ion:240 Resp: 14828
Ion Ratio Lower Upper
240 100
120 22.0 10.2 15.4#
236 29.0 22.1 33.1



#31
Terphenyl-d14
Concen: 0.392 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021684.D
Acq: 10 Sep 2022 06:04

Tgt Ion:244 Resp: 13049
Ion Ratio Lower Upper
244 100
212 10.3 6.5 9.7#
122 20.1 9.1 13.7#

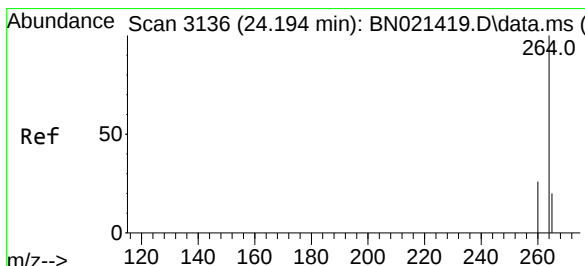
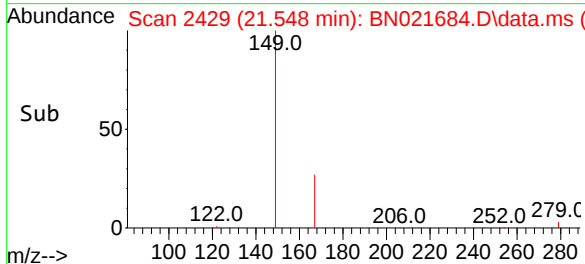
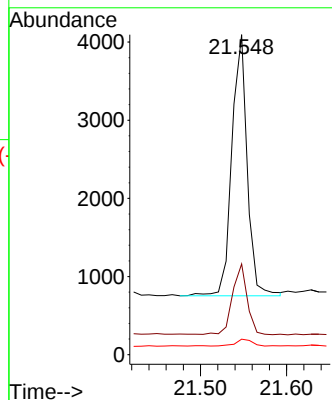
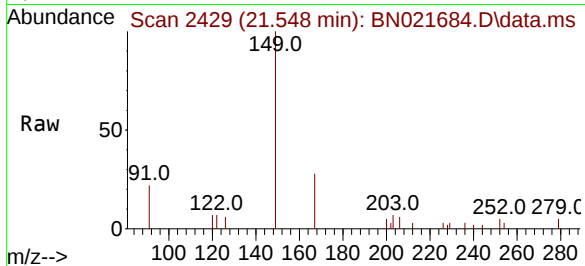




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.199 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021684.D
 Acq: 10 Sep 2022 06:04

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-180-200-090122-H

Tgt Ion:149 Resp: 4137
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.4 32.0
 279 2.9 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: BN021684.D
 Acq: 10 Sep 2022 06:04

Tgt Ion:264 Resp: 10803
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.0 31.6
 265 46.0 32.2 48.2

