

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
 Data File : BN020480.D
 Acq On : 27 Jun 2022 00:56
 Operator : CG/JU
 Sample : SP5924
 Misc : 8270 SIM SURROGATE
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5924

Quant Time: Jun 27 02:53:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

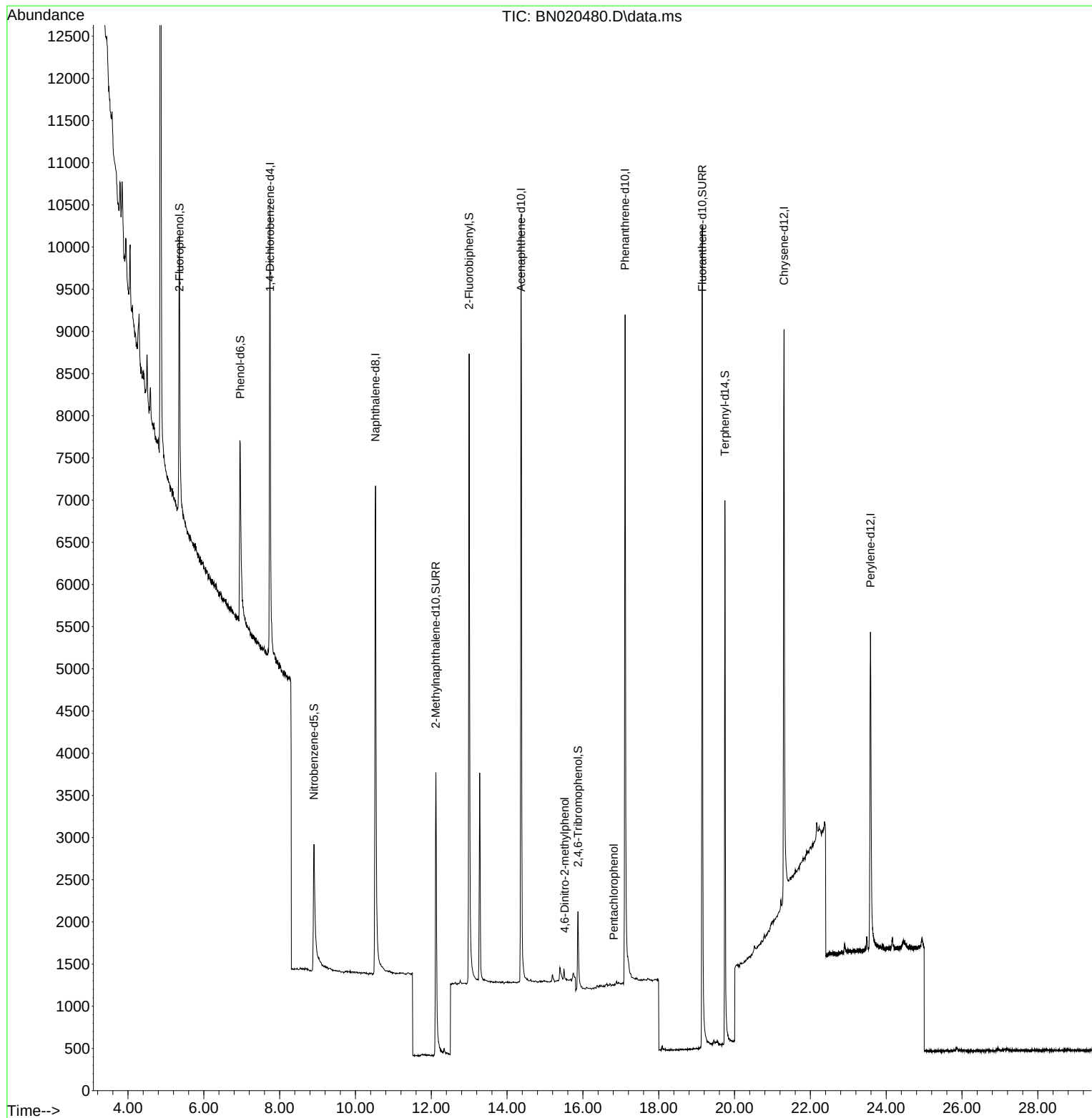
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3356	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	10180	0.400	ng	0.01
13) Acenaphthene-d10	14.367	164	5880	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	13035	0.400	ng	# 0.00
29) Chrysene-d12	21.306	240	8626	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	6309	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	3429	0.368	ng	0.00
5) Phenol-d6	6.959	99	3575	0.321	ng	0.01
8) Nitrobenzene-d5	8.907	82	2374	0.288	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	6244	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.872	330	645	0.291	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	7660	0.316	ng	0.00
27) Fluoranthene-d10	19.147	212	12872	0.332	ng	0.00
31) Terphenyl-d14	19.746	244	8321	0.404	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.521	198	4	0.227	ng	# 1
24) Pentachlorophenol	16.815	266	1	0.184	ng	# 1

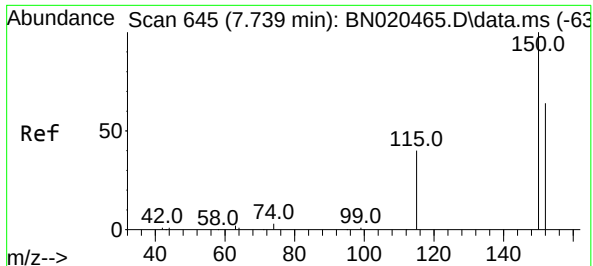
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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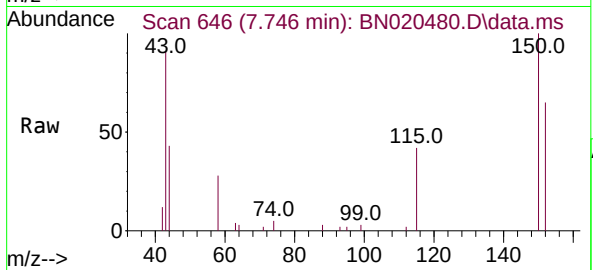
Quant Time: Jun 27 02:53:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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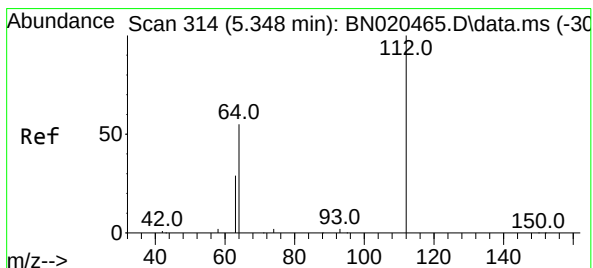
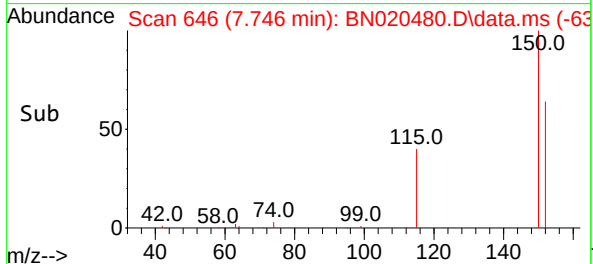
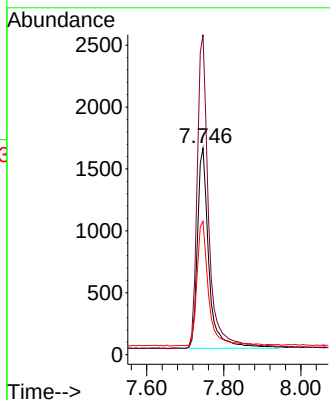


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 645
Delta R.T. 0.007 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

Instrument :
BNA_N
ClientSampleId :
SP5924

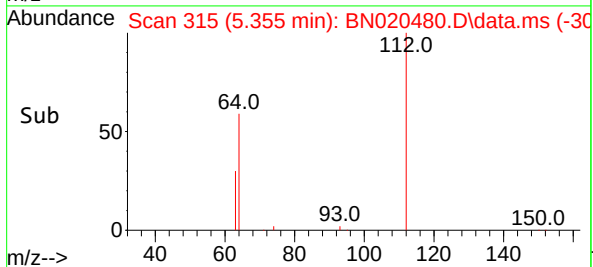
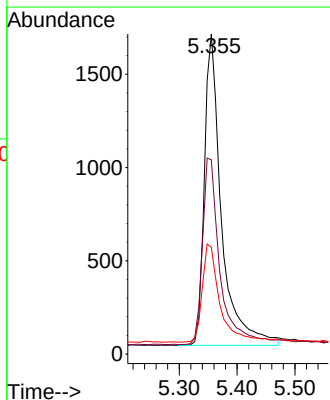
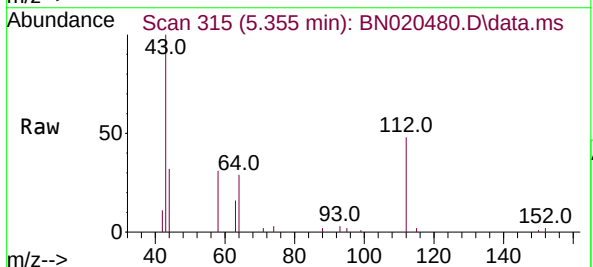


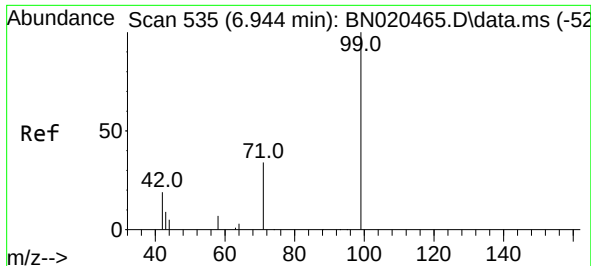
Tgt Ion:152 Resp: 3356
Ion Ratio Lower Upper
152 100
150 154.9 127.9 191.9
115 64.5 51.4 77.2



#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.355 min Scan# 315
Delta R.T. 0.007 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

Tgt Ion:112 Resp: 3429
Ion Ratio Lower Upper
112 100
64 61.7 49.1 73.7
63 32.7 26.3 39.5

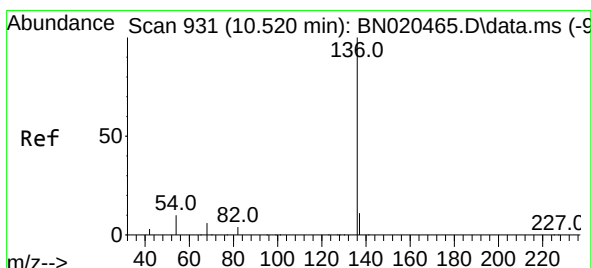
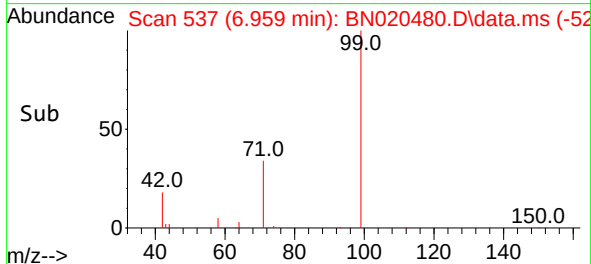
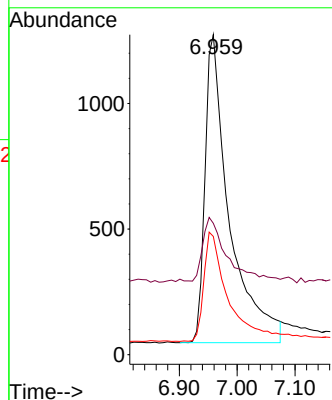
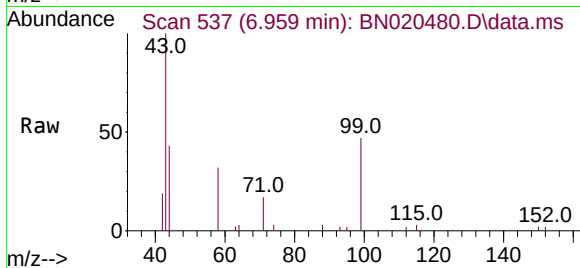




#5
Phenol-d6
Concen: 0.321 ng
RT: 6.959 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

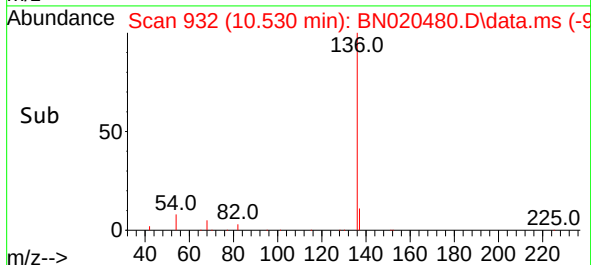
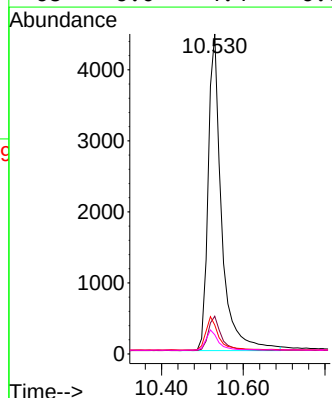
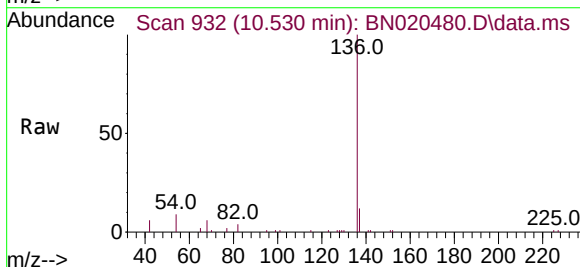
Instrument :
BNA_N
ClientSampleId :
SP5924

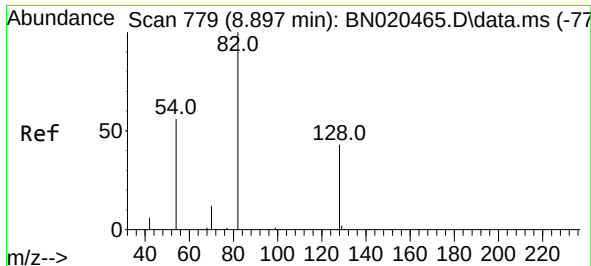
Tgt Ion: 99 Resp: 3575
Ion Ratio Lower Upper
99 100
42 19.8 19.3 28.9
71 35.4 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.011 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

Tgt Ion: 136 Resp: 10180
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.1 6.2 9.2
68 6.0 4.4 6.6

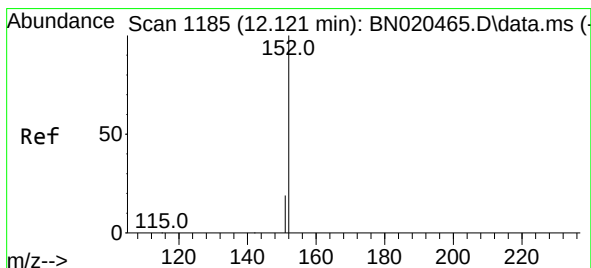
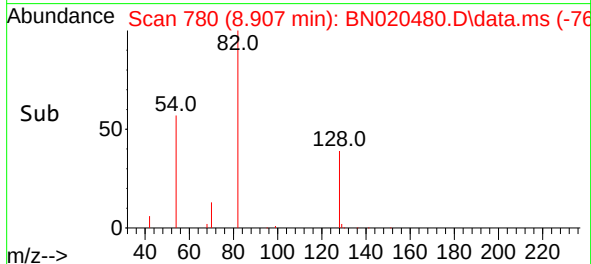
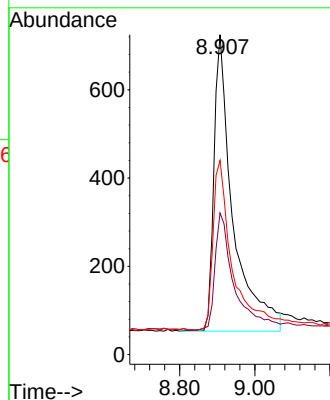
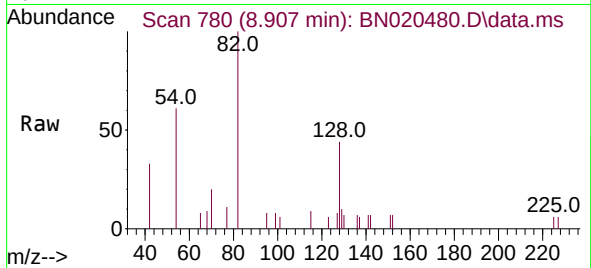




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.907 min Scan# 779
Delta R.T. 0.011 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

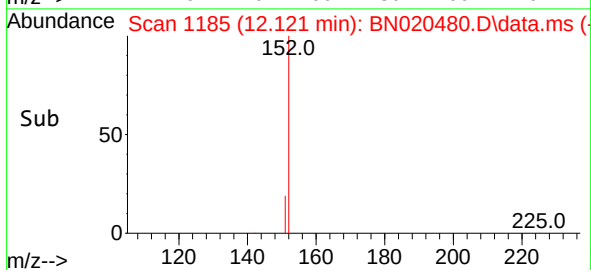
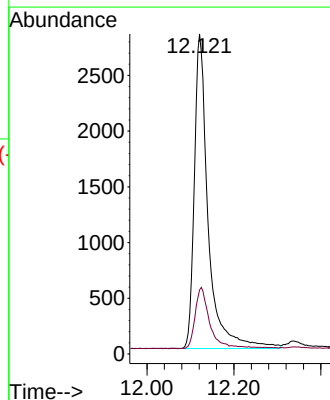
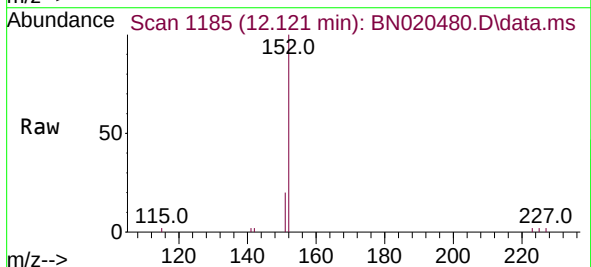
Instrument :
BNA_N
ClientSampleId :
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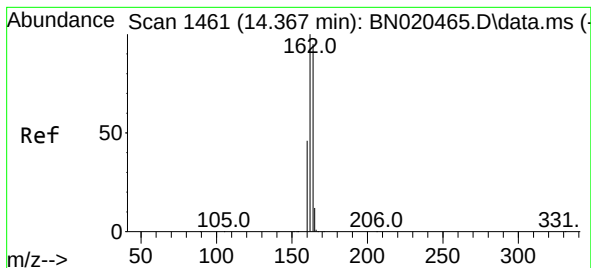
Tgt Ion: 82 Resp: 2374
Ion Ratio Lower Upper
82 100
128 44.3 35.0 52.6
54 60.7 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.121 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

Tgt Ion: 152 Resp: 6244
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.367 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN020480.D

Acq: 27 Jun 2022 00:56

Instrument :

BNA_N

ClientSampleId :

SP5924

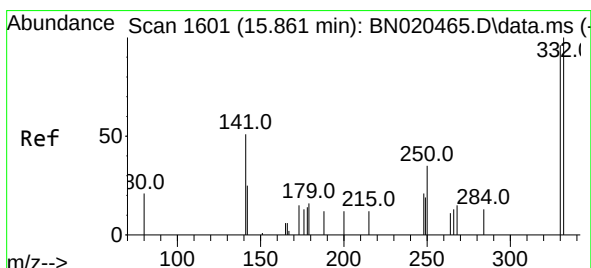
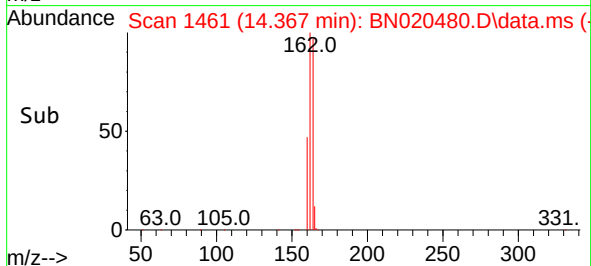
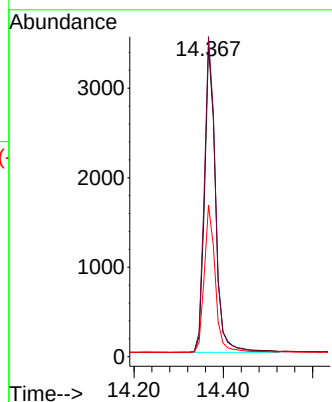
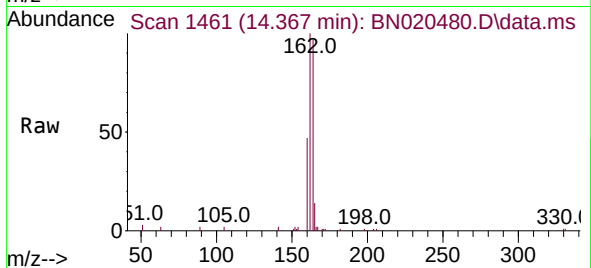
Tgt Ion:164 Resp: 5880

Ion Ratio Lower Upper

164 100

162 103.0 82.1 123.1

160 48.8 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.291 ng

RT: 15.872 min Scan# 1602

Delta R.T. 0.010 min

Lab File: BN020480.D

Acq: 27 Jun 2022 00:56

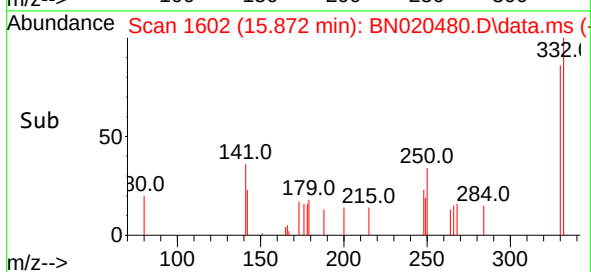
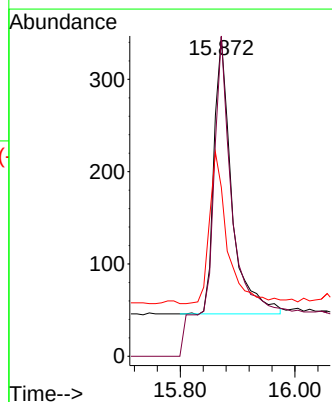
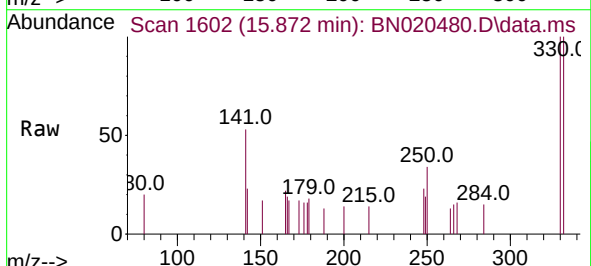
Tgt Ion:330 Resp: 645

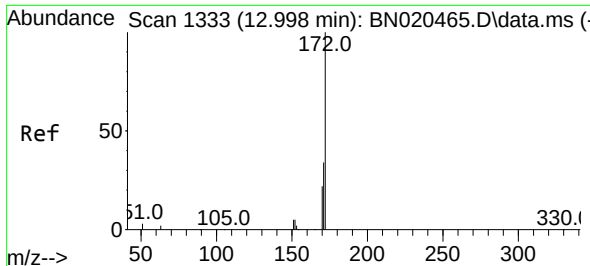
Ion Ratio Lower Upper

330 100

332 168.8 77.6 116.4#

141 54.9 41.0 61.4

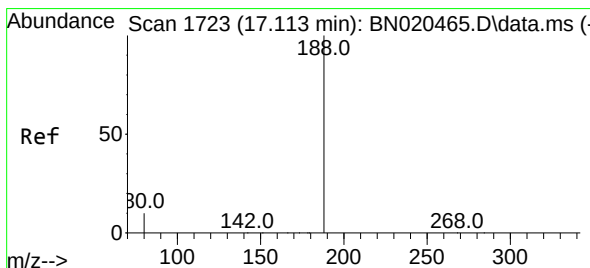
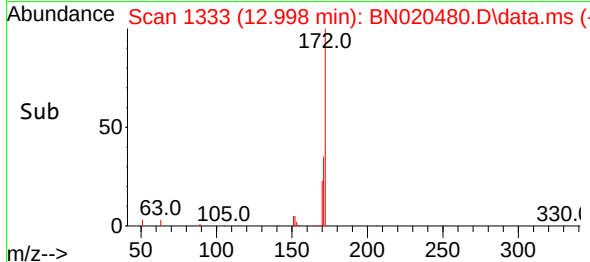
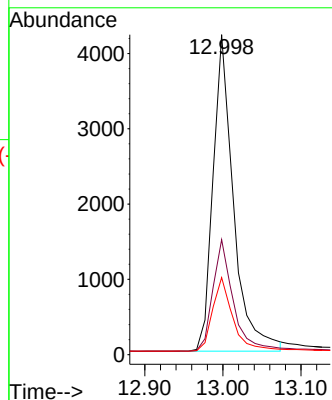
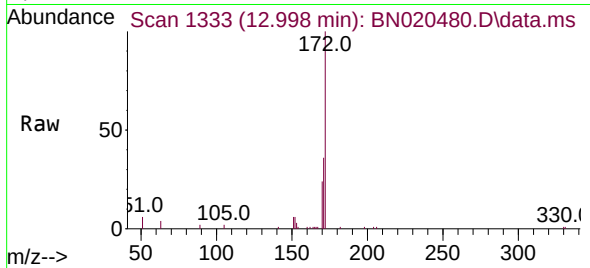




#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 12.998 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

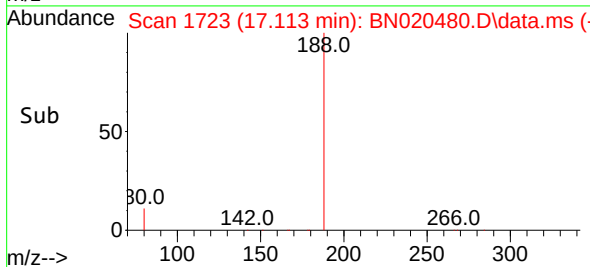
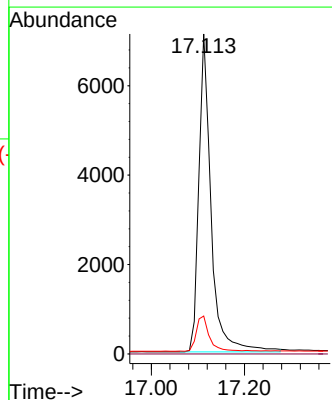
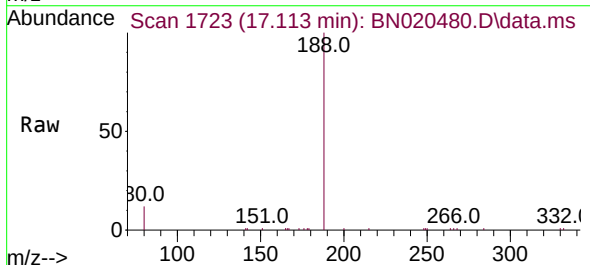
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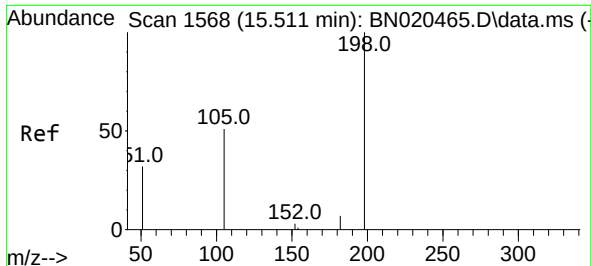
Tgt Ion:172 Resp: 7660
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 24.1 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

Tgt Ion:188 Resp: 13035
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 7.4 11.2#

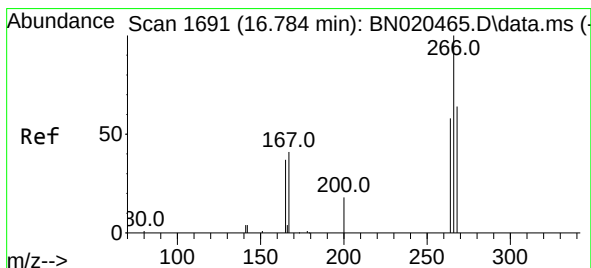
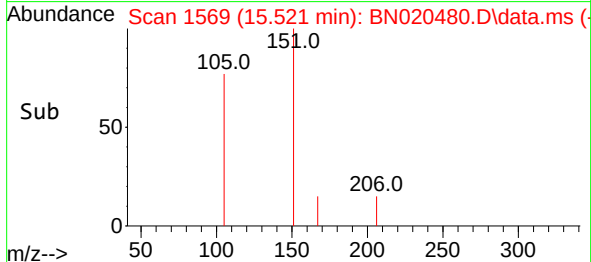
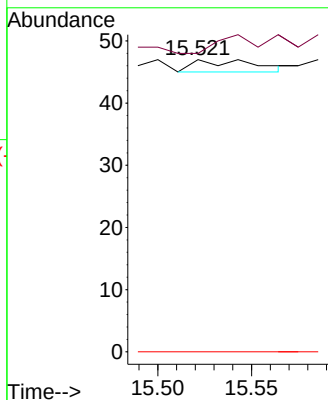
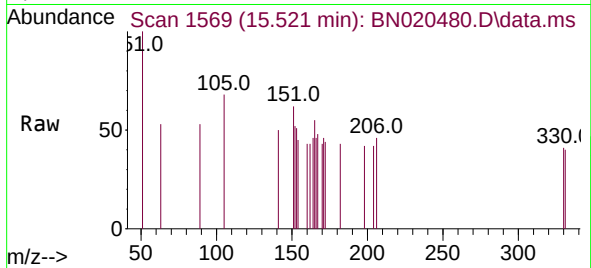




#20
4,6-Dinitro-2-methylphenol
Concen: 0.227 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.010 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

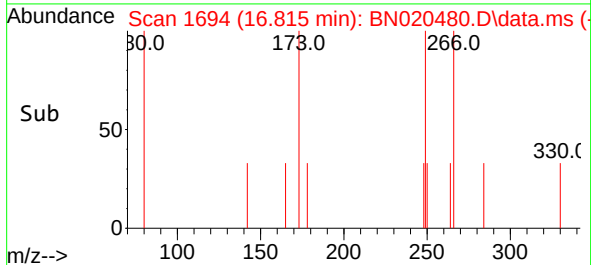
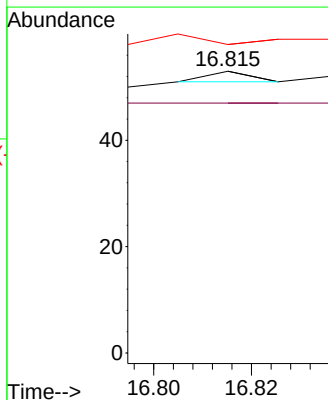
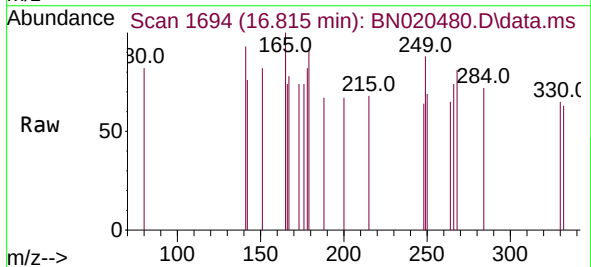
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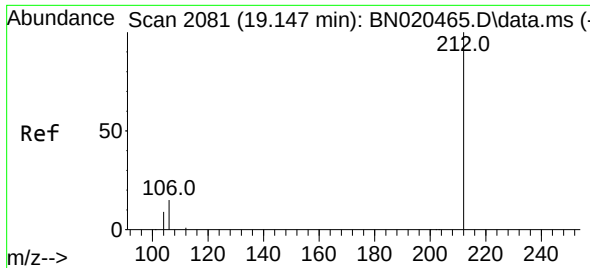
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 102.1 12.1 18.1#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.184 ng
RT: 16.815 min Scan# 1694
Delta R.T. 0.031 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 0.0 51.3 76.9#
268 600.0 52.6 79.0#

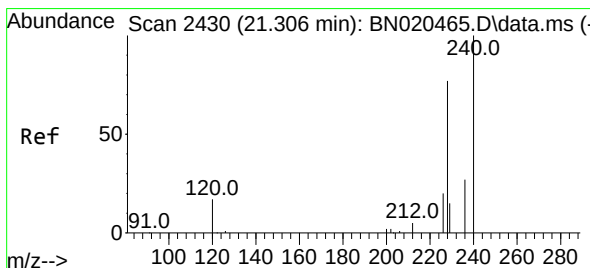
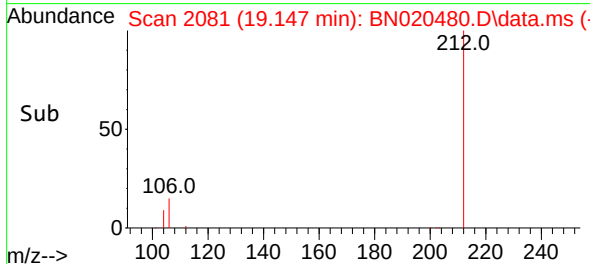
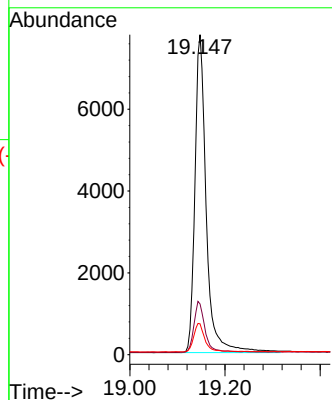
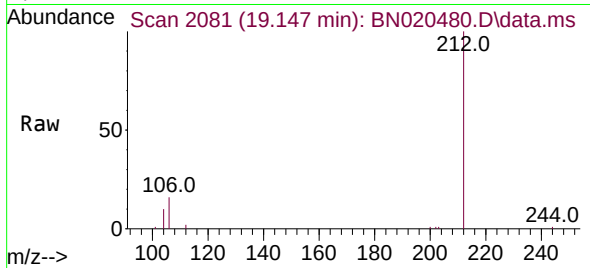




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.147 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

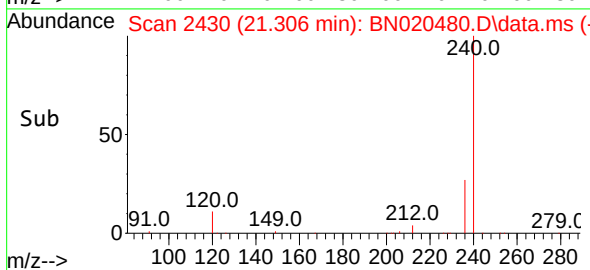
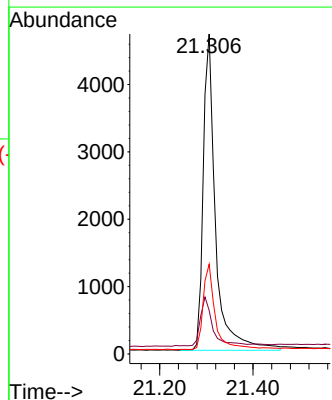
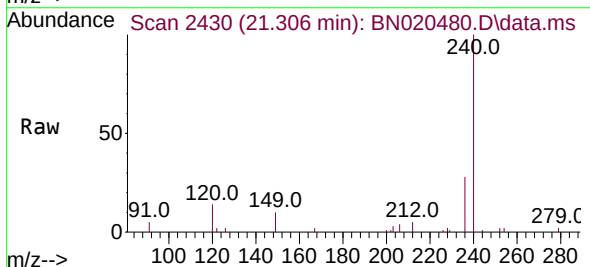
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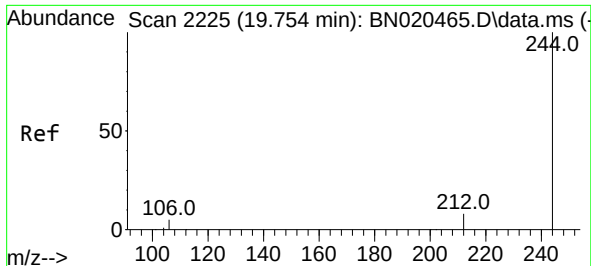
Tgt Ion:212 Resp: 12872
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 8.7 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020480.D
Acq: 27 Jun 2022 00:56

Tgt Ion:240 Resp: 8626
Ion Ratio Lower Upper
240 100
120 13.6 14.6 21.8#
236 28.1 22.6 33.8

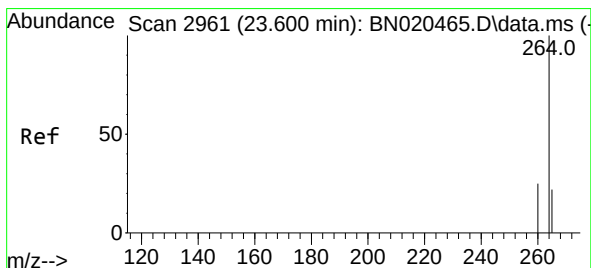
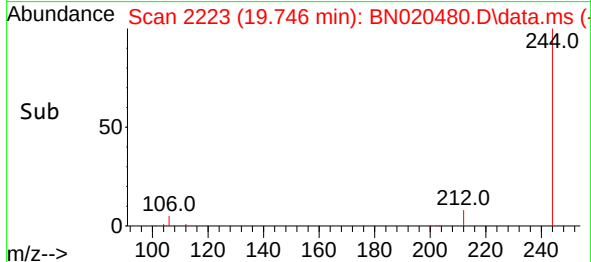
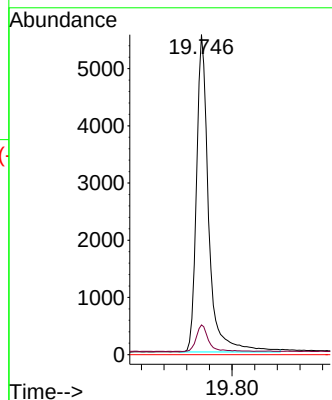
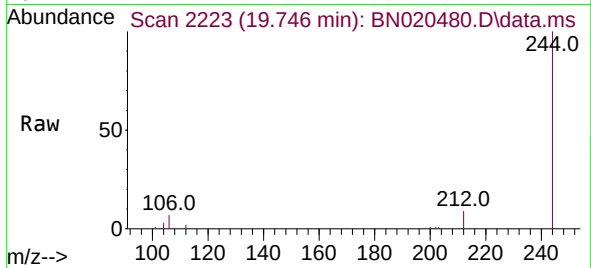




#31
 Terphenyl-d14
 Concen: 0.404 ng
 RT: 19.746 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN020480.D
 Acq: 27 Jun 2022 00:56

Instrument :
 BNA_N
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 SP5924

Tgt Ion:244 Resp: 8321
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.1 10.7
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2956
 Delta R.T. -0.015 min
 Lab File: BN020480.D
 Acq: 27 Jun 2022 00:56

Tgt Ion:264 Resp: 6309
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.9 31.3
 265 51.6 28.0 42.0#

