

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015560.D
 Acq On : 14 Jul 2021 12:57
 Operator : CG/JU
 Sample : M2939-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR2-070221

Quant Time: Jul 14 13:32:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 11:20:16 2021
 Response via : Initial Calibration

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

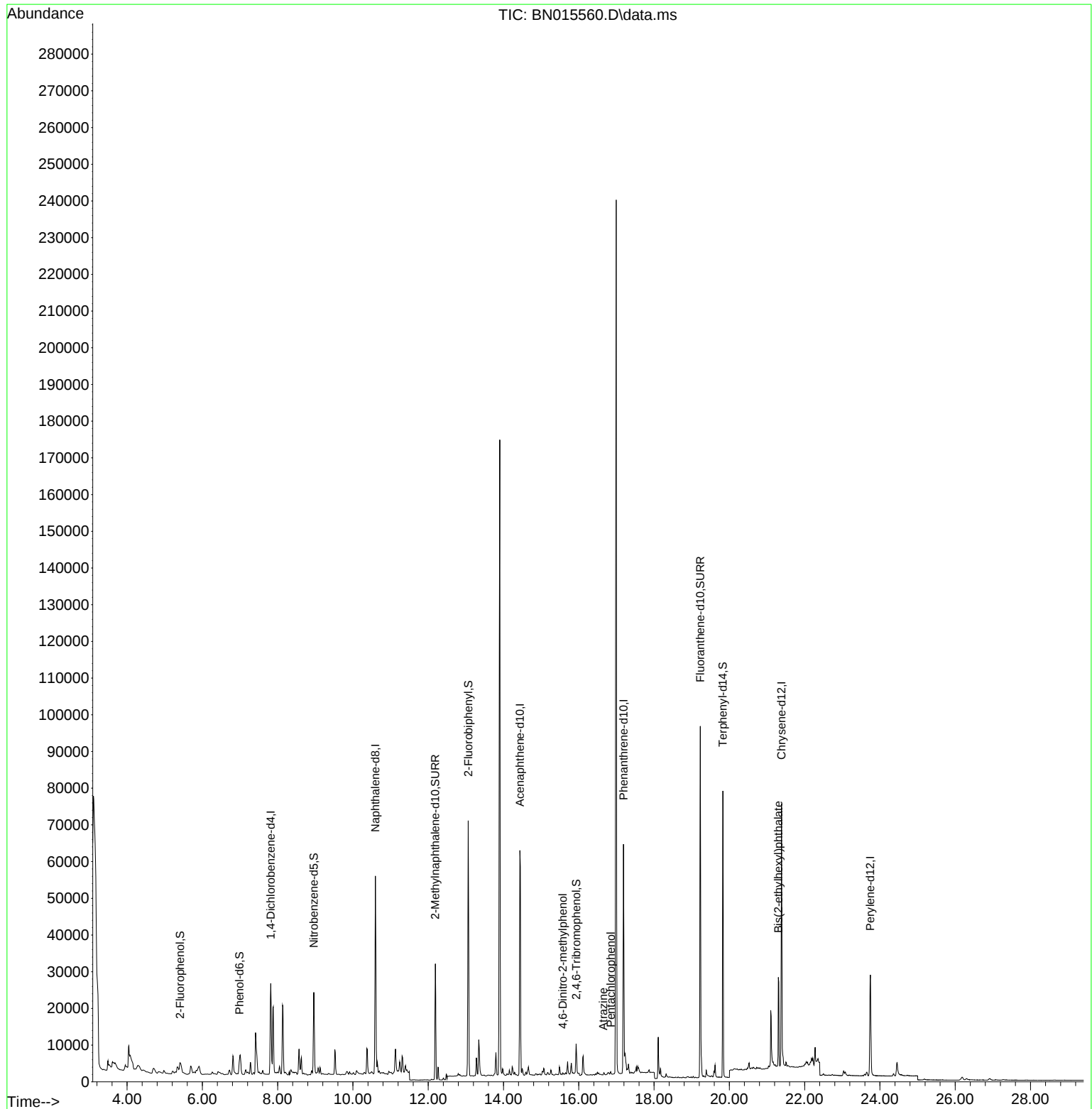
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	15141	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	71456	0.400	ng	0.00
13) Acenaphthene-d10	14.434	164	40334	0.400	ng	0.00
19) Phenanthrene-d10	17.188	188	80646	0.400	ng	0.00
29) Chrysene-d12	21.387	240	62944	0.400	ng	# 0.00
35) Perylene-d12	23.745	264	39068	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	5745	0.149	ng	0.00
5) Phenol-d6	6.988	99	4165	0.086	ng	0.00
8) Nitrobenzene-d5	8.962	82	18964	0.474	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	42003	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	6309	0.583	ng	0.00
15) 2-Fluorobiphenyl	13.064	172	58232	0.355	ng	0.00
27) Fluoranthene-d10	19.227	212	101646	0.427	ng	0.00
31) Terphenyl-d14	19.828	244	77531	0.526	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.576	198	45	0.223	ng	# 19
23) Atrazine	16.653	200	52	0.174	ng	# 2
24) Pentachlorophenol	16.847	266	384	0.282	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	26127	0.485	ng	# 87

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

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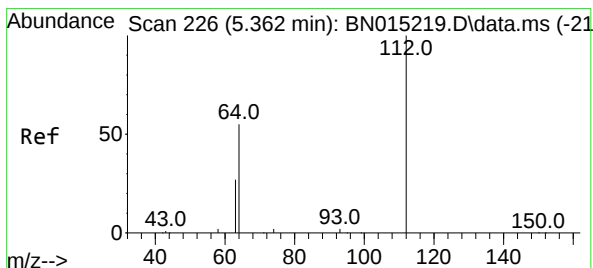
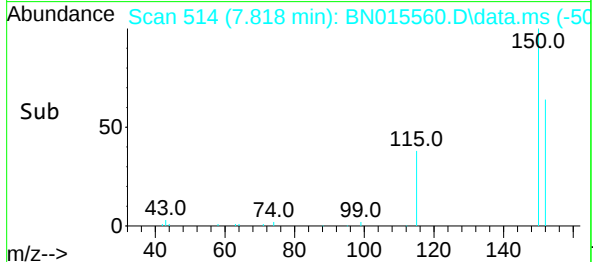
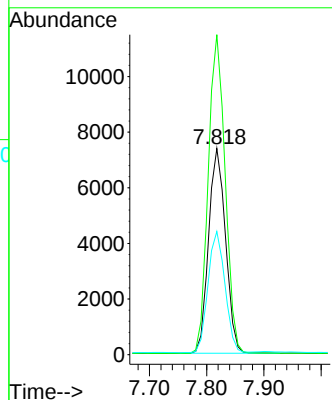
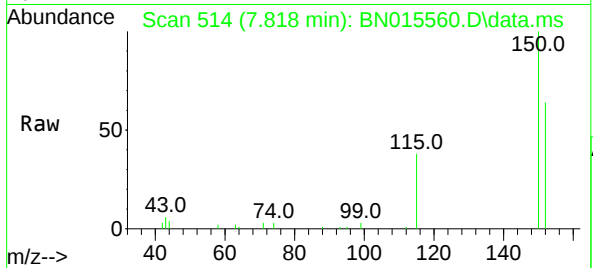




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 514
 Delta R.T. 0.001 min
 Lab File: BN015560.D
 Acq: 14 Jul 2021 12:57

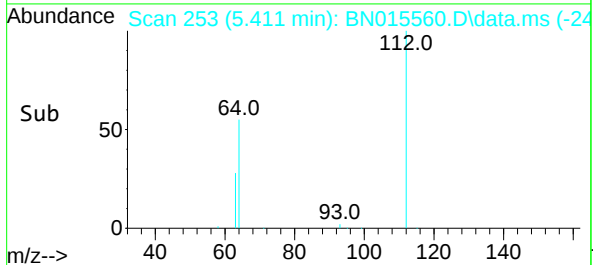
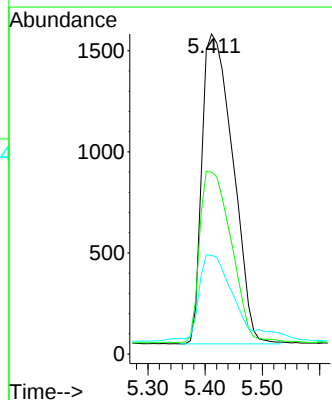
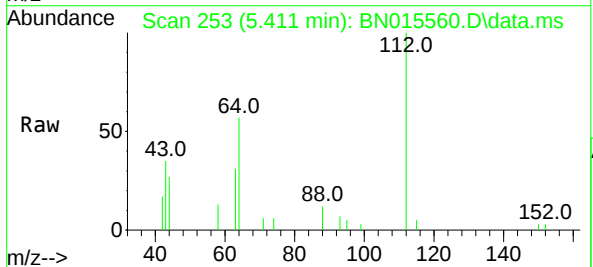
Instrument :
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 GW-BR2-070221

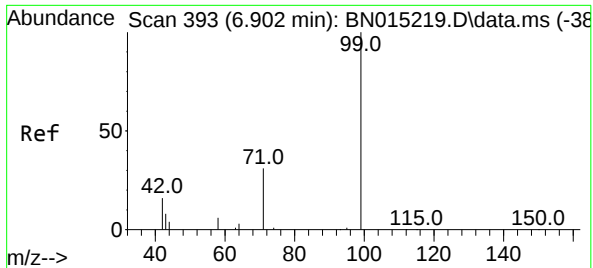
Tgt Ion:152 Resp: 15141
 Ion Ratio Lower Upper
 152 100
 150 155.2 119.0 178.6
 115 59.7 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.149 ng
 RT: 5.411 min Scan# 253
 Delta R.T. -0.009 min
 Lab File: BN015560.D
 Acq: 14 Jul 2021 12:57

Tgt Ion:112 Resp: 5745
 Ion Ratio Lower Upper
 112 100
 64 56.4 39.0 58.6
 63 29.6 20.6 30.8

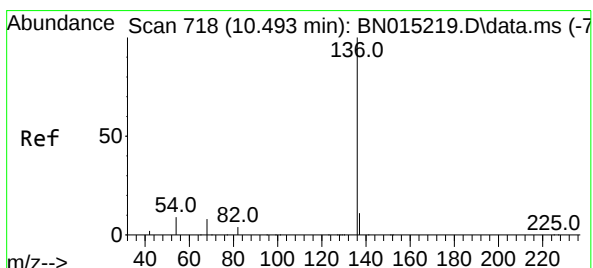
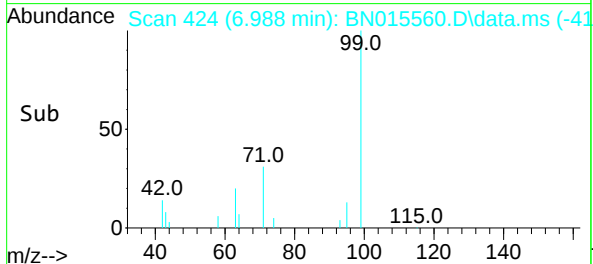
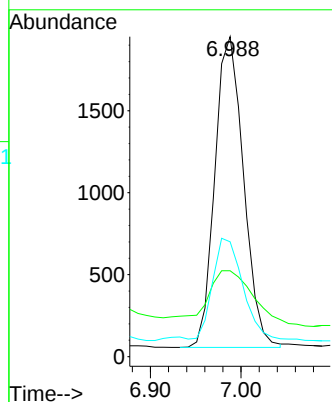
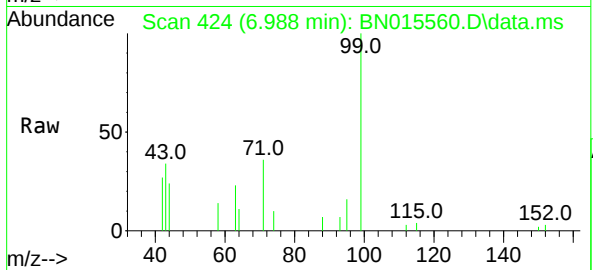




#5
Phenol-d6
Concen: 0.086 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

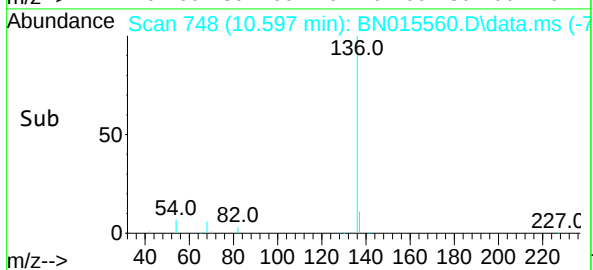
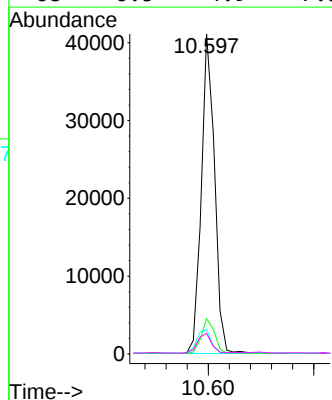
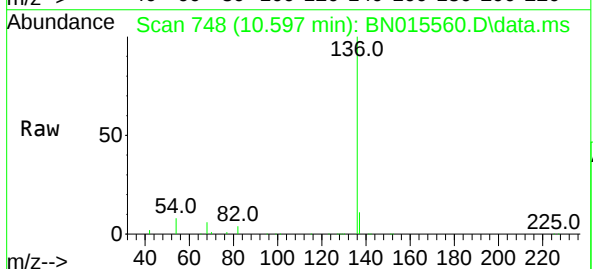
Instrument :
BNA_N
ClientSampleId :
GW-BR2-070221

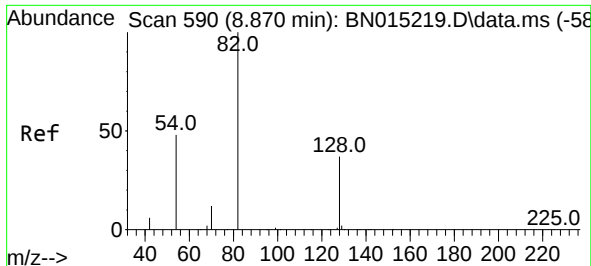
Tgt Ion: 99 Resp: 4165
Ion Ratio Lower Upper
99 100
42 25.6 8.9 13.3#
71 34.2 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.597 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

Tgt Ion: 136 Resp: 71456
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.7 5.4 8.2
68 6.5 4.9 7.3

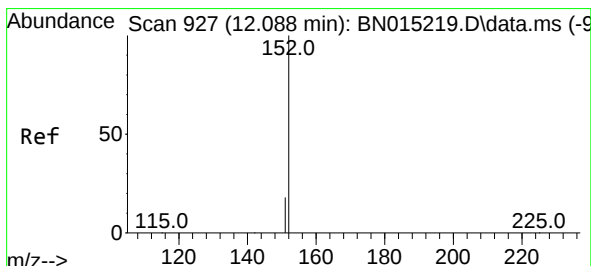
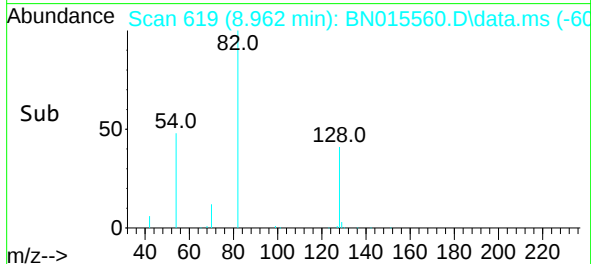
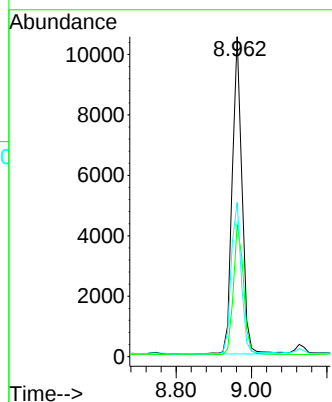
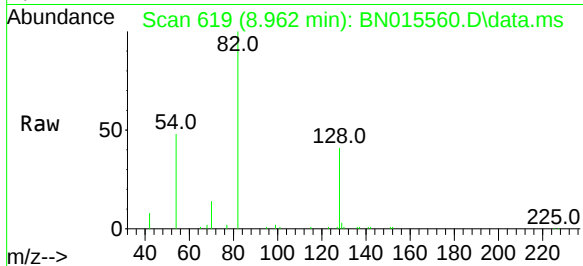




#8
Nitrobenzene-d5
Concen: 0.474 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

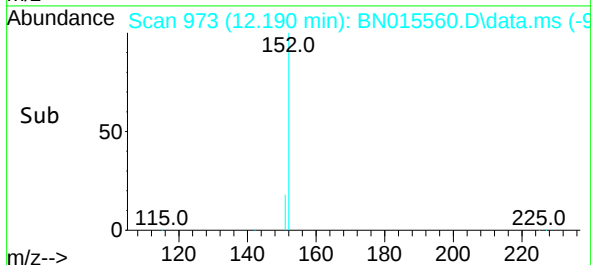
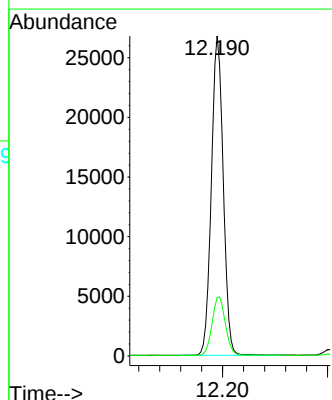
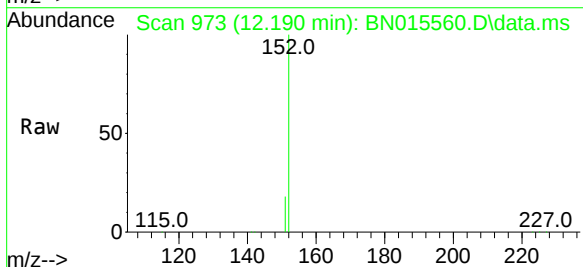
Instrument :
BNA_N
ClientSampleId :
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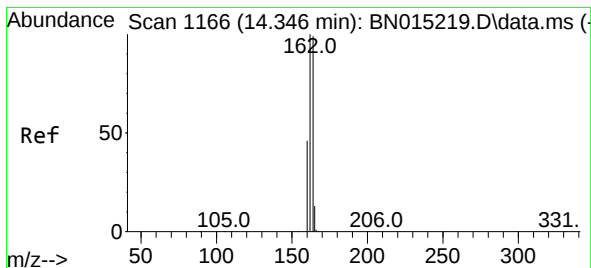
Tgt Ion: 82 Resp: 18964
Ion Ratio Lower Upper
82 100
128 41.2 31.6 47.4
54 48.3 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.190 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

Tgt Ion: 152 Resp: 42003
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

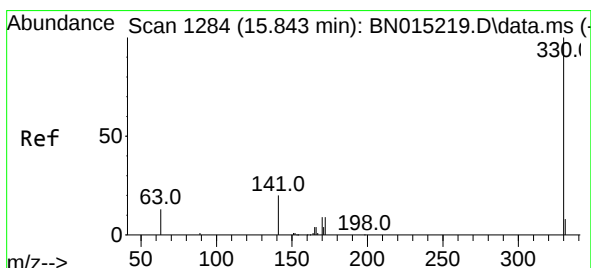
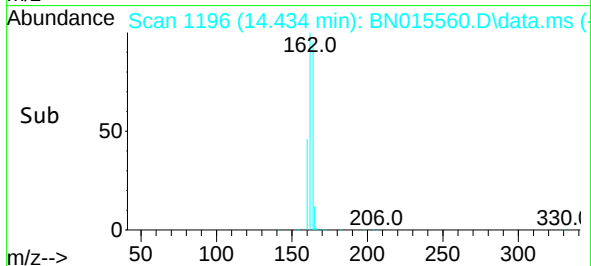
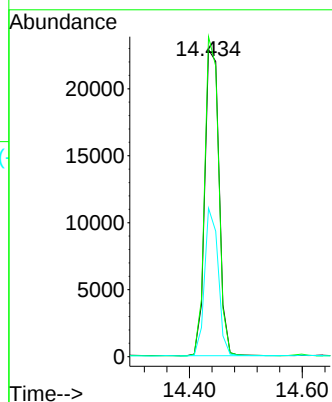
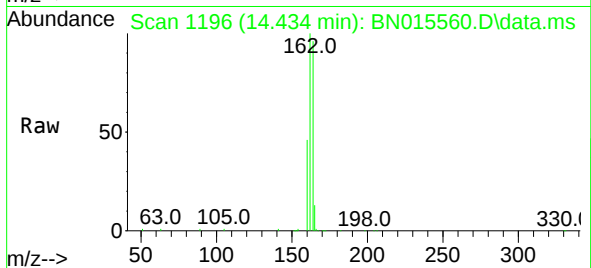




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.434 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

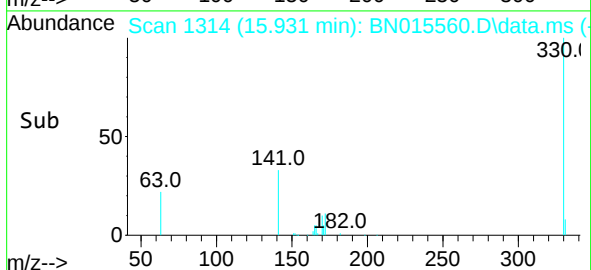
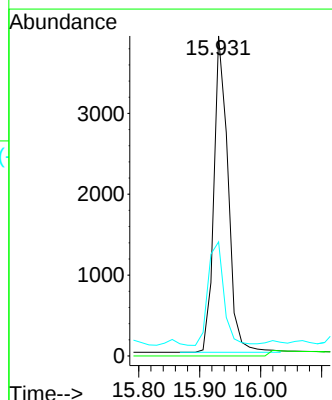
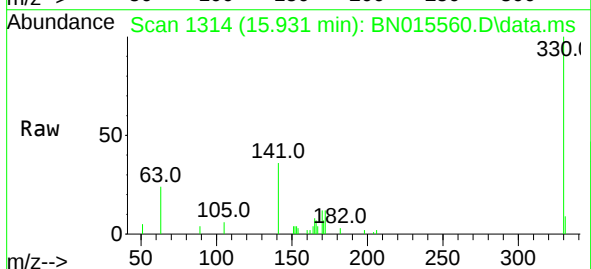
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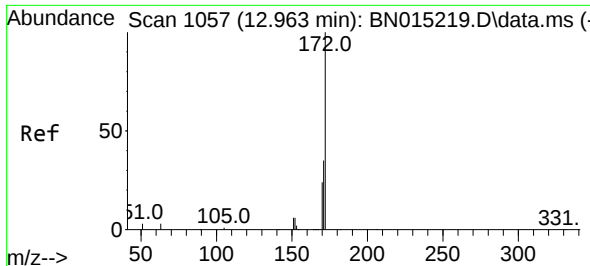
Tgt Ion:164 Resp: 40334
Ion Ratio Lower Upper
164 100
162 104.2 83.8 125.6
160 48.3 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.583 ng
RT: 15.931 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

Tgt Ion:330 Resp: 6309
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.7 22.4 33.6#

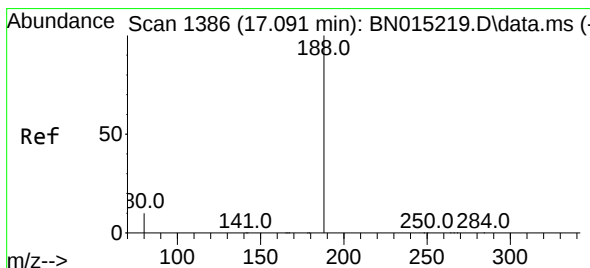
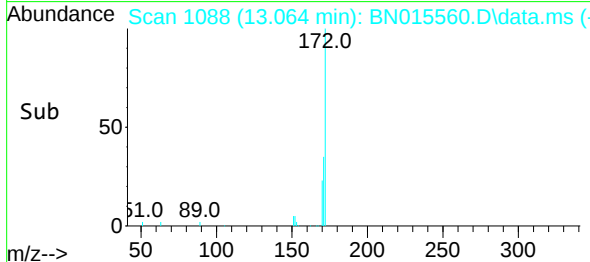
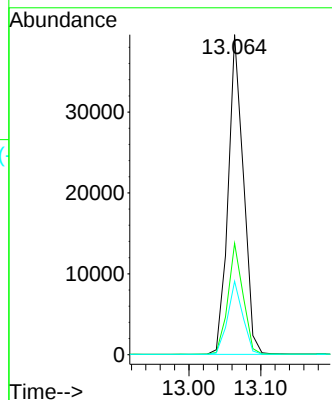
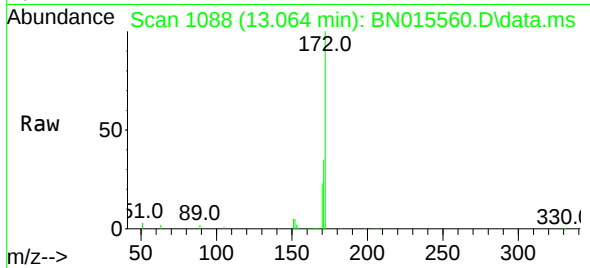




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.064 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

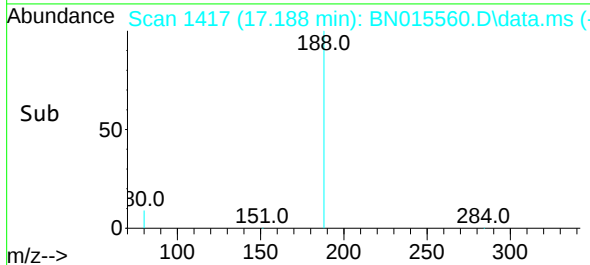
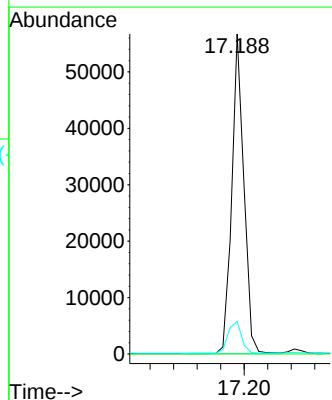
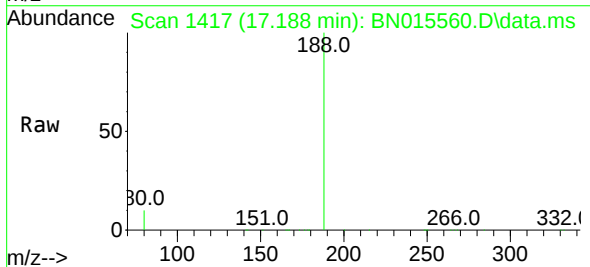
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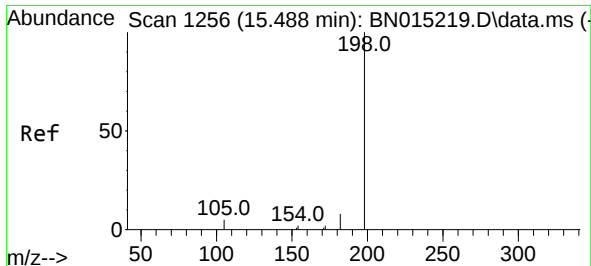
Tgt Ion:172 Resp: 58232
Ion Ratio Lower Upper
172 100
171 34.8 30.6 45.8
170 22.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

Tgt Ion:188 Resp: 80646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.0 13.4

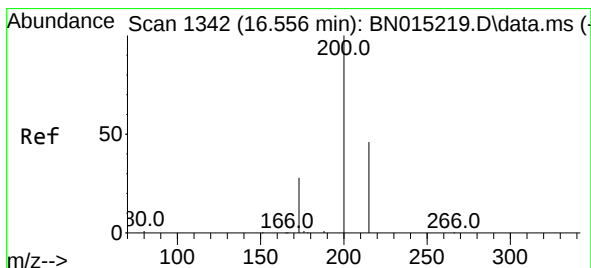
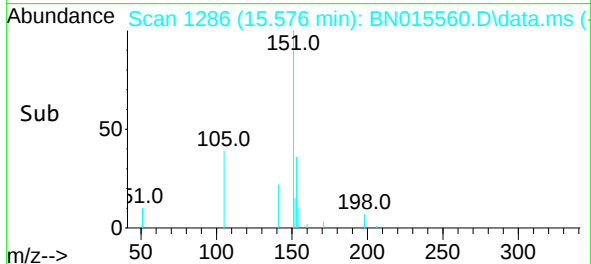
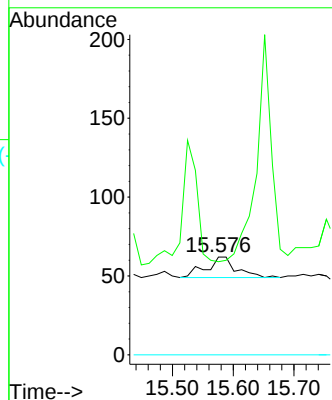
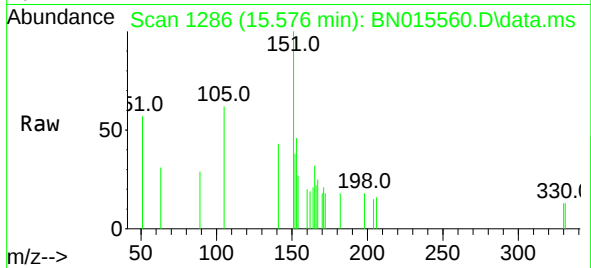




#20
4,6-Dinitro-2-methylphenol
Concen: 0.223 ng
RT: 15.576 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

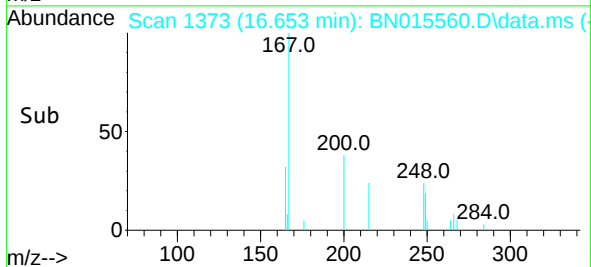
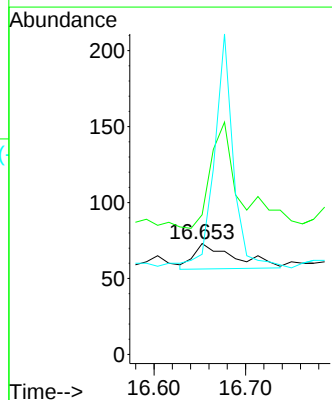
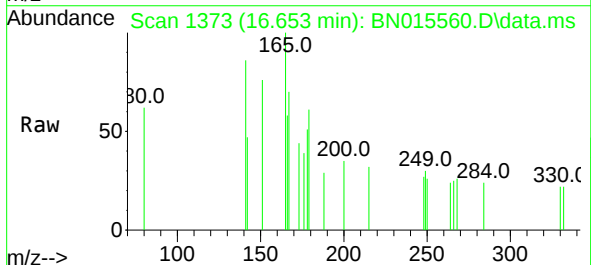
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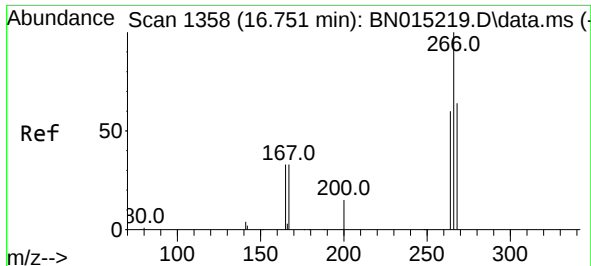
Tgt Ion:198 Resp: 45
Ion Ratio Lower Upper
198 100
182 95.2 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.174 ng
RT: 16.653 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN015560.D
Acq: 14 Jul 2021 12:57

Tgt Ion:200 Resp: 52
Ion Ratio Lower Upper
200 100
173 126.0 21.7 32.5#
215 90.4 43.1 64.7#

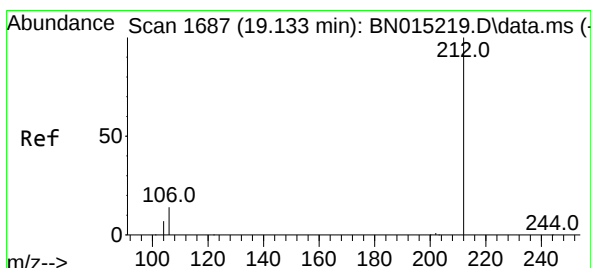
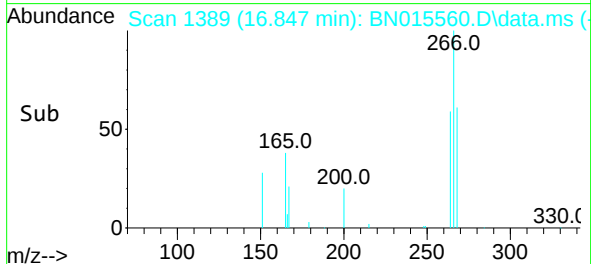
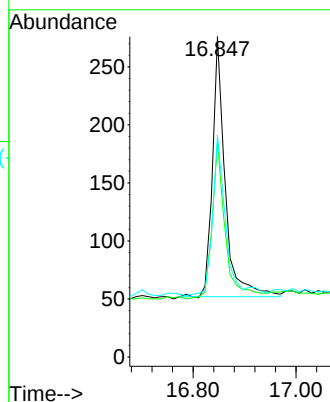
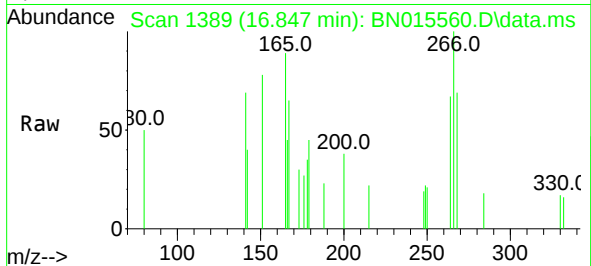




#24
 Pentachlorophenol
 Concen: 0.282 ng
 RT: 16.847 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: BN015560.D
 Acq: 14 Jul 2021 12:57

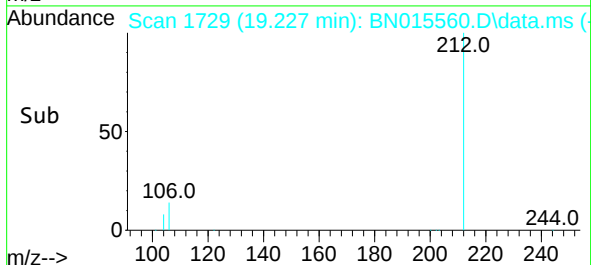
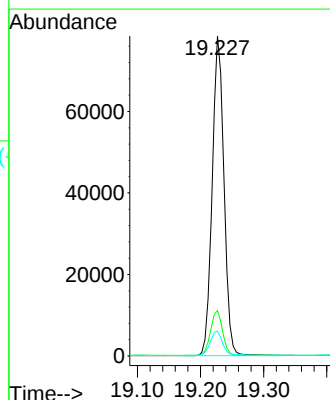
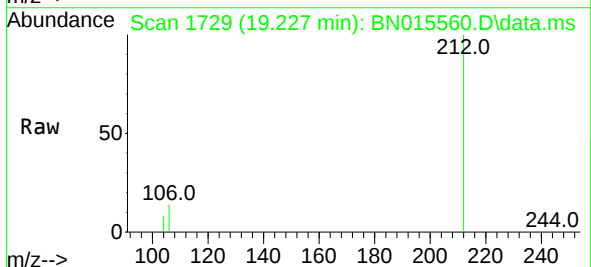
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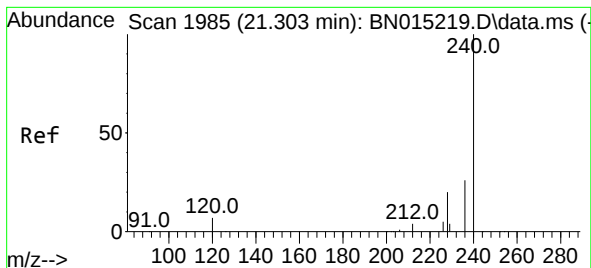
Tgt Ion:	266	Resp:	384
Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.0	76.4
268	63.8	50.6	76.0



#27
 Fluoranthene-d10
 Concen: 0.427 ng
 RT: 19.227 min Scan# 1729
 Delta R.T. 0.000 min
 Lab File: BN015560.D
 Acq: 14 Jul 2021 12:57

Tgt Ion:	212	Resp:	101646
Ion	Ratio	Lower	Upper
212	100		
106	14.2	7.0	10.6#
104	8.1	4.1	6.1#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.387 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BN015560.D

Acq: 14 Jul 2021 12:57

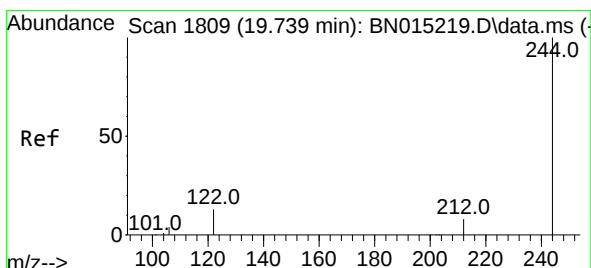
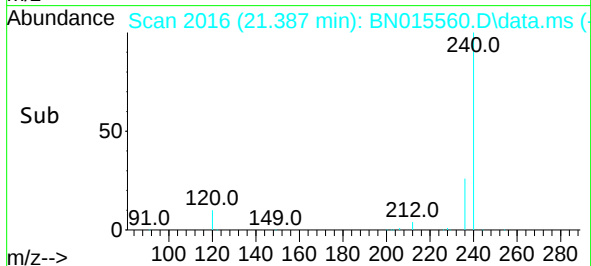
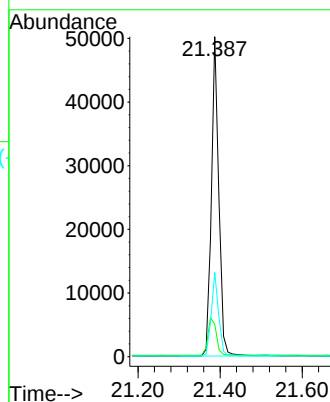
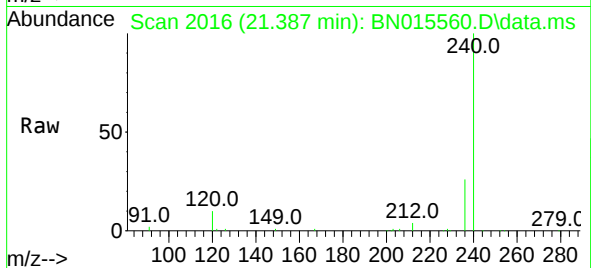
Tgt Ion:240 Resp: 62944

Ion Ratio Lower Upper

240 100

120 10.1 4.2 6.4#

236 26.3 21.4 32.2



#31

Terphenyl-d14

Concen: 0.526 ng

RT: 19.828 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BN015560.D

Acq: 14 Jul 2021 12:57

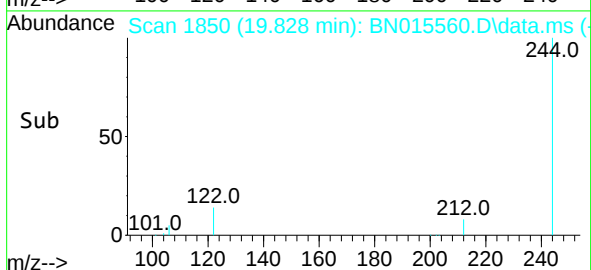
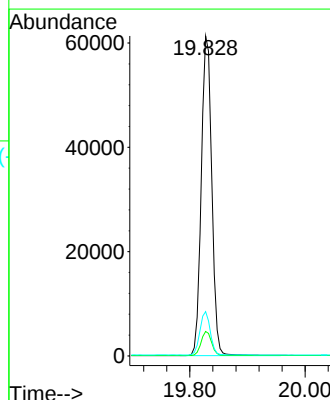
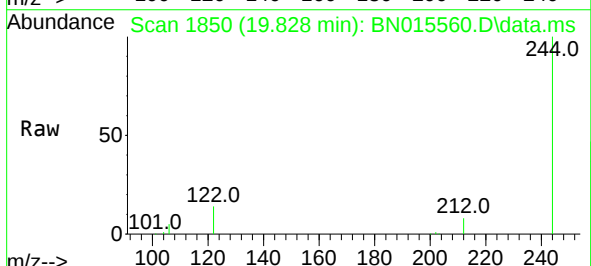
Tgt Ion:244 Resp: 77531

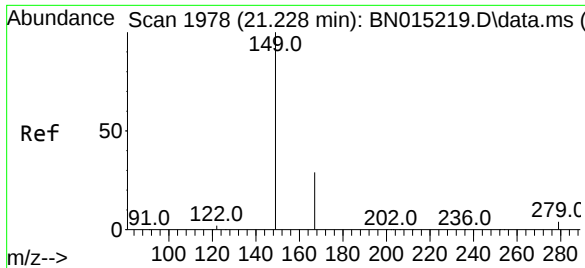
Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

122 13.8 6.2 9.2#

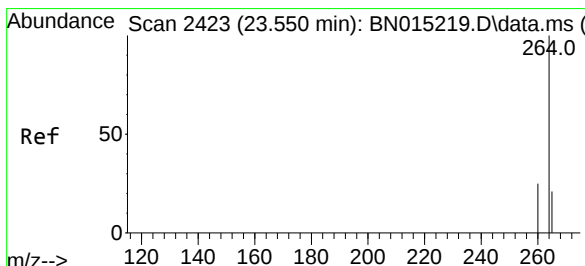
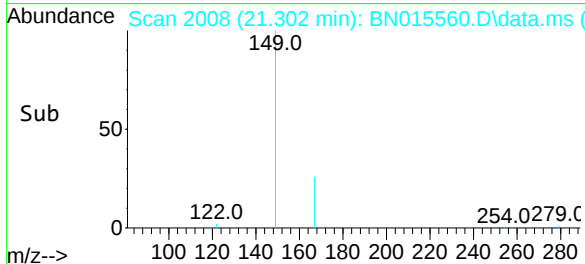
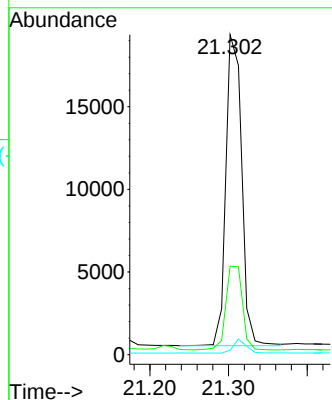
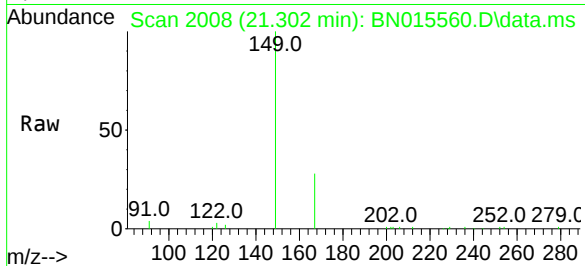




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.485 ng
 RT: 21.302 min Scan# 2008
 Delta R.T. -0.010 min
 Lab File: BN015560.D
 Acq: 14 Jul 2021 12:57

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR2-070221

Tgt Ion:149 Resp: 26127
 Ion Ratio Lower Upper
 149 100
 167 28.2 28.9 43.3#
 279 3.6 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.745 min Scan# 2503
 Delta R.T. -0.003 min
 Lab File: BN015560.D
 Acq: 14 Jul 2021 12:57

Tgt Ion:264 Resp: 39068
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 31.0
 265 24.6 21.4 32.2

