

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070622\
 Data File : BN020668.D
 Acq On : 06 Jul 2022 14:27
 Operator : CG/JU
 Sample : PB145995BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB145995BL

Quant Time: Jul 06 23:48:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3521	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	10275	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	5728	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	11175	0.400	ng	# 0.01
29) Chrysene-d12	21.440	240	7866	0.400	ng	0.00
35) Perylene-d12	23.796	264	6424	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	2871	0.294	ng	0.00
5) Phenol-d6	7.038	99	2578	0.221	ng	0.00
8) Nitrobenzene-d5	9.014	82	1970	0.237	ng	0.02
11) 2-Methylnaphthalene-d10	12.231	152	5409	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	371	0.172	ng	0.02
15) 2-Fluorobiphenyl	13.105	172	7220	0.305	ng	0.00
27) Fluoranthene-d10	19.269	212	9764	0.294	ng	0.00
31) Terphenyl-d14	19.872	244	6958	0.370	ng	0.00

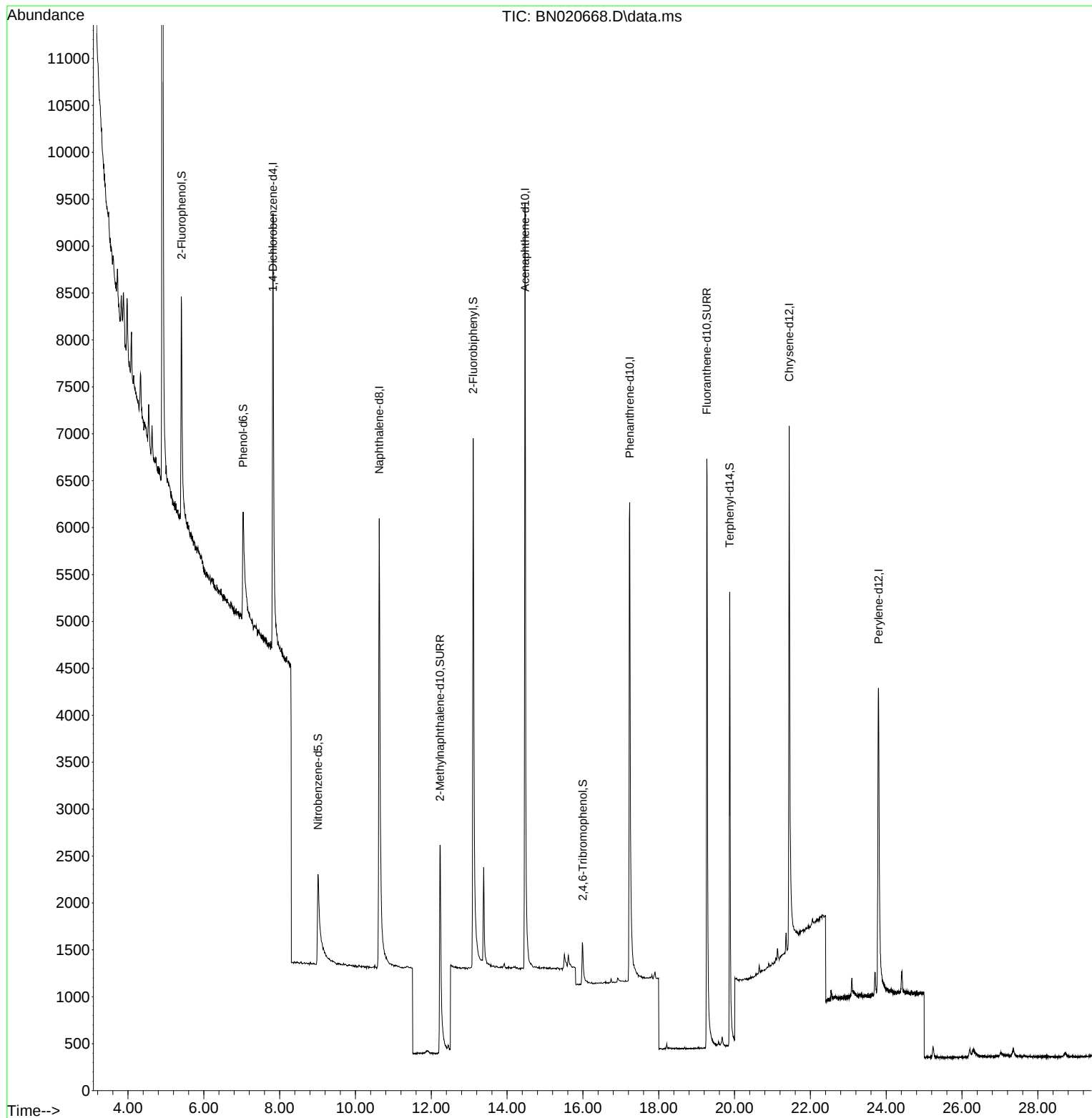
Target Compounds Qvalue

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

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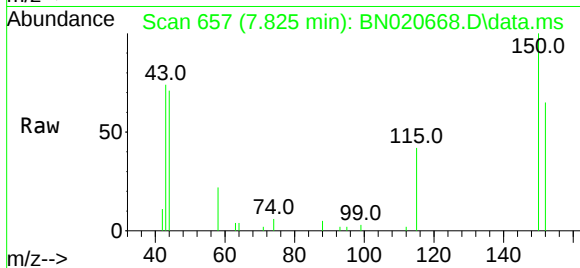
Quant Time: Jul 06 23:48:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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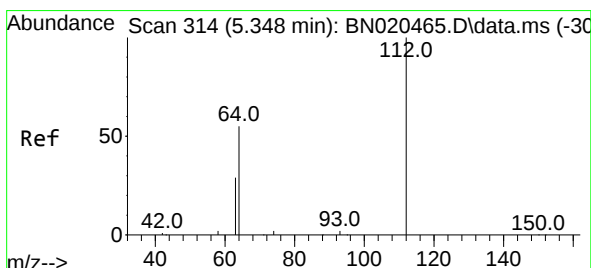
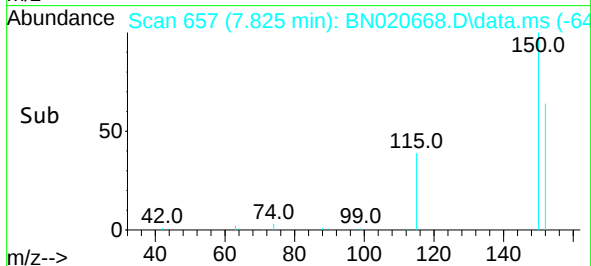
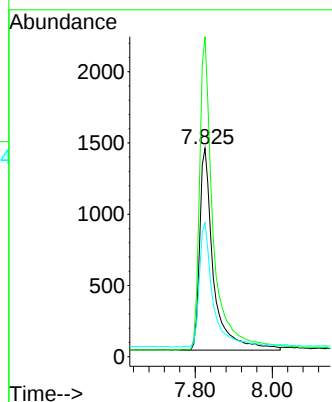


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

Instrument :
BNA_N
ClientSampleId :
PB145995BL

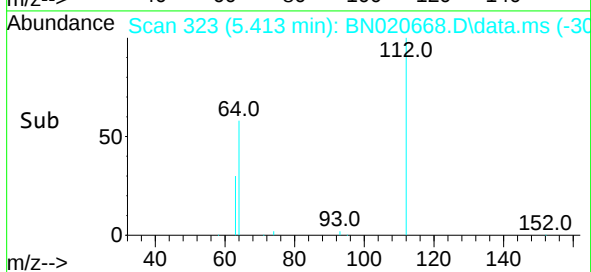
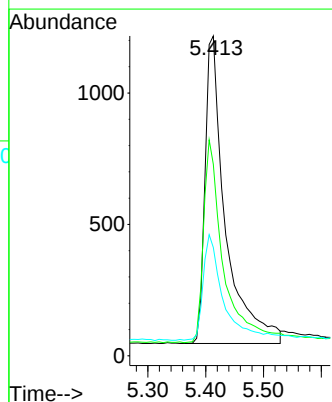
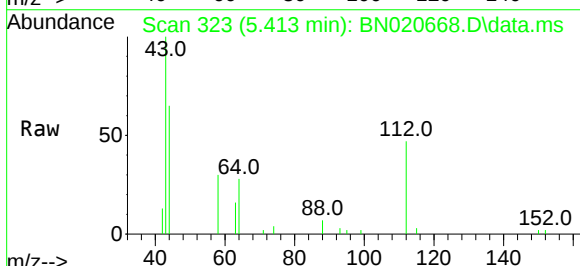


Tgt Ion:152 Resp: 3521
Ion Ratio Lower Upper
152 100
150 153.6 127.9 191.9
115 64.2 51.4 77.2



#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

Tgt Ion:112 Resp: 2871
Ion Ratio Lower Upper
112 100
64 64.8 49.1 73.7
63 34.7 26.3 39.5

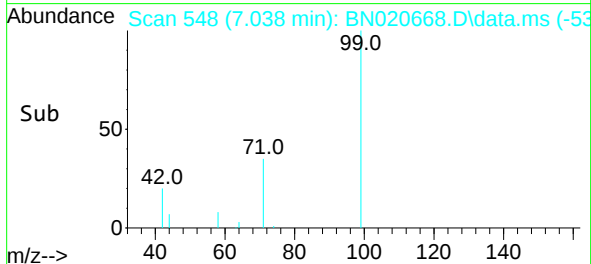
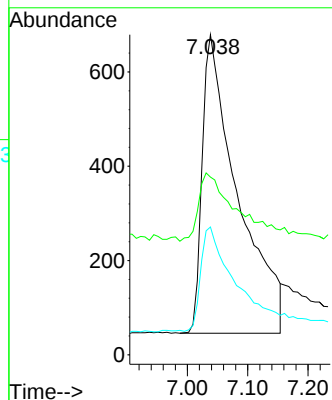
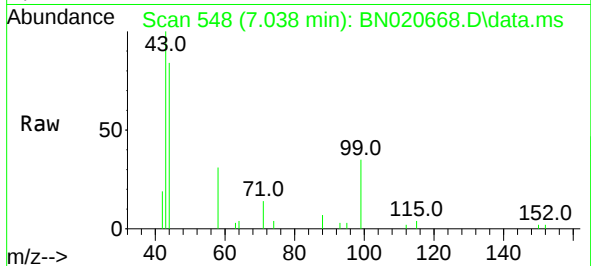




#5
Phenol-d6
Concen: 0.221 ng
RT: 7.038 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

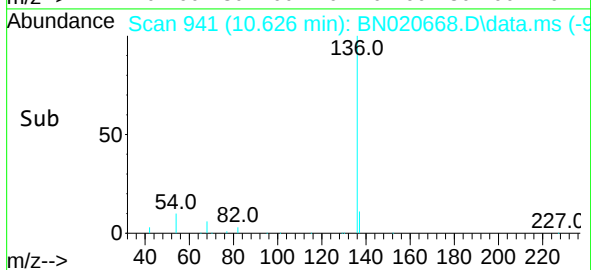
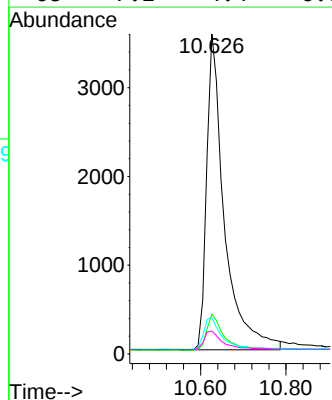
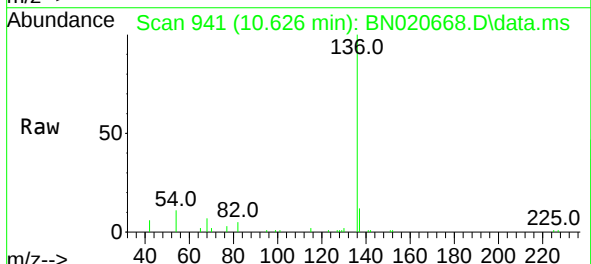
Instrument :
BNA_N
ClientSampleId :
PB145995BL

Tgt Ion: 99 Resp: 2578
Ion Ratio Lower Upper
99 100
42 24.5 19.3 28.9
71 34.9 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

Tgt Ion: 136 Resp: 10275
Ion Ratio Lower Upper
136 100
137 12.4 9.0 13.6
54 11.5 6.2 9.2#
68 7.2 4.4 6.6#

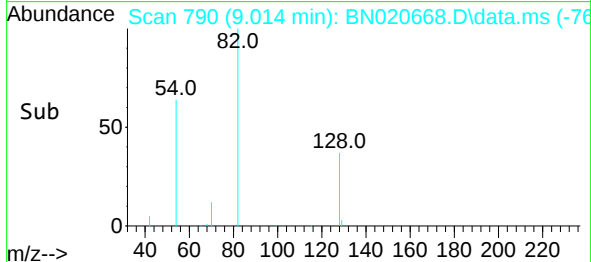
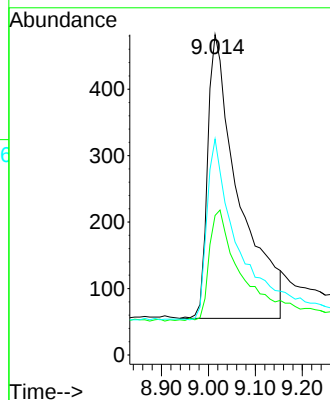
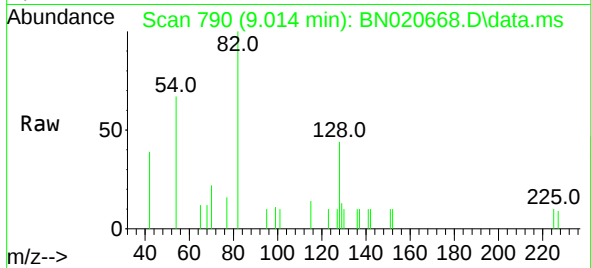




#8
 Nitrobenzene-d5
 Concen: 0.237 ng
 RT: 9.014 min Scan# 79
 Delta R.T. 0.021 min
 Lab File: BN020668.D
 Acq: 06 Jul 2022 14:27

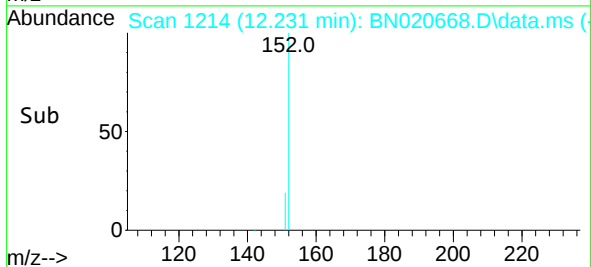
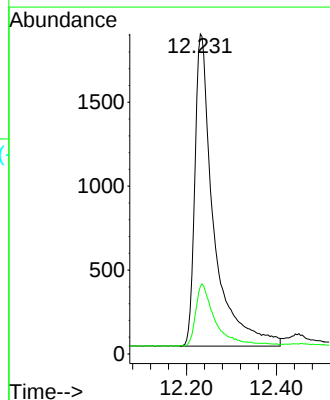
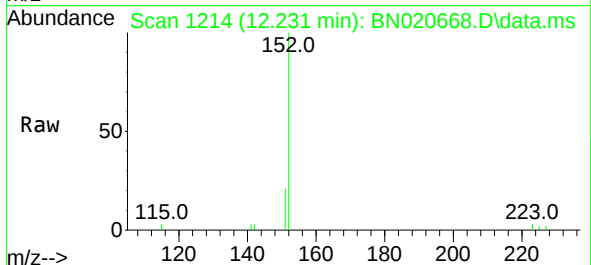
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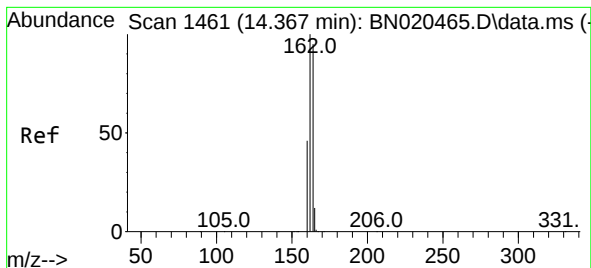
Tgt Ion: 82 Resp: 1970
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.0 52.6
 54 67.4 46.2 69.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.307 ng
 RT: 12.231 min Scan# 1214
 Delta R.T. 0.004 min
 Lab File: BN020668.D
 Acq: 06 Jul 2022 14:27

Tgt Ion: 152 Resp: 5409
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN020668.D

Acq: 06 Jul 2022 14:27

Instrument :

BNA_N

ClientSampleId :

PB145995BL

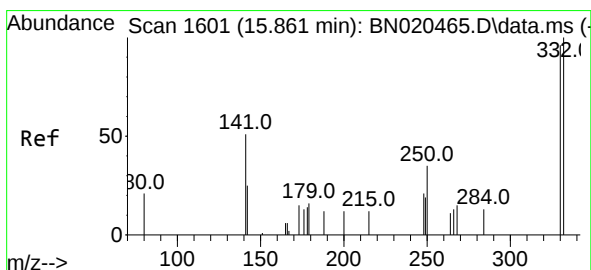
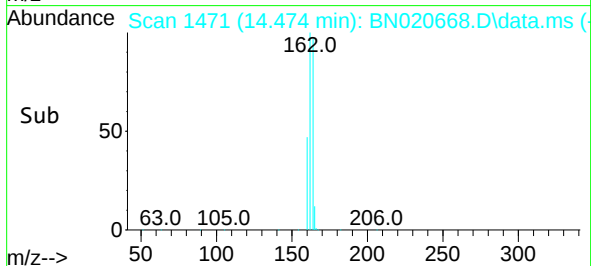
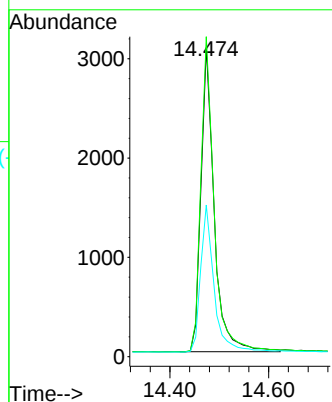
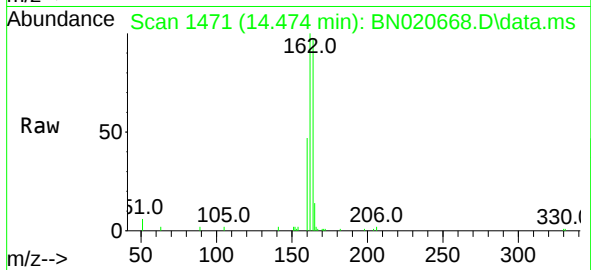
Tgt Ion:164 Resp: 5728

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

160 49.0 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.172 ng

RT: 15.995 min Scan# 1614

Delta R.T. 0.021 min

Lab File: BN020668.D

Acq: 06 Jul 2022 14:27

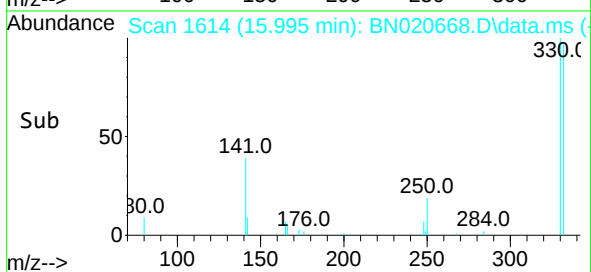
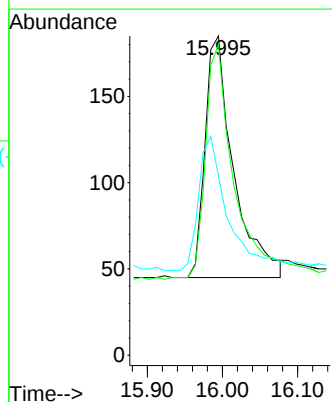
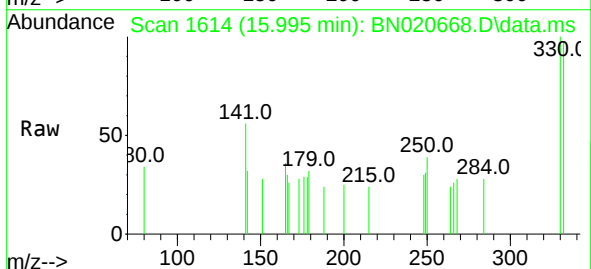
Tgt Ion:330 Resp: 371

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 56.6 41.0 61.4

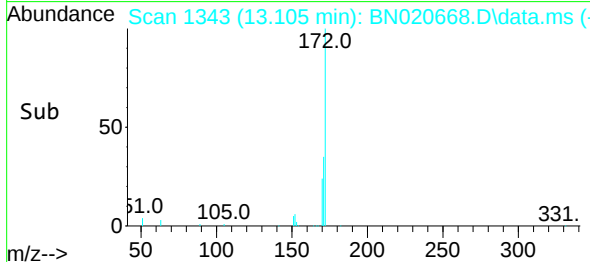
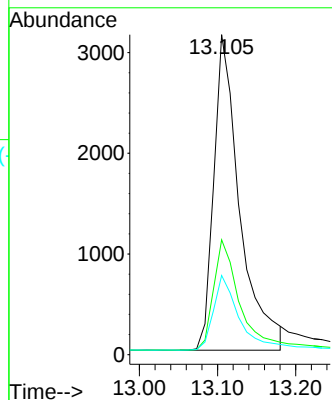
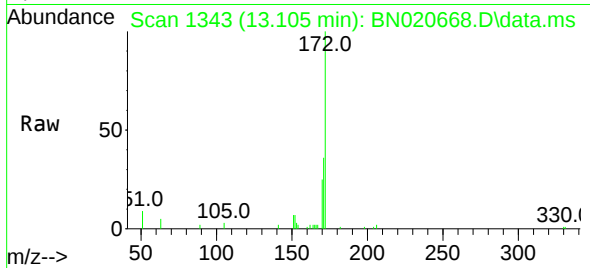




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

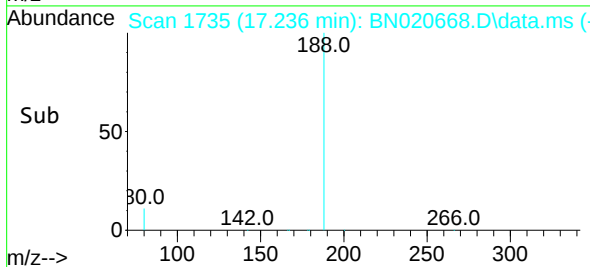
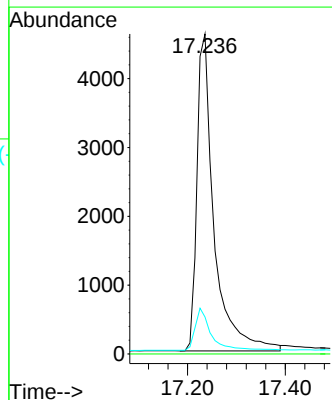
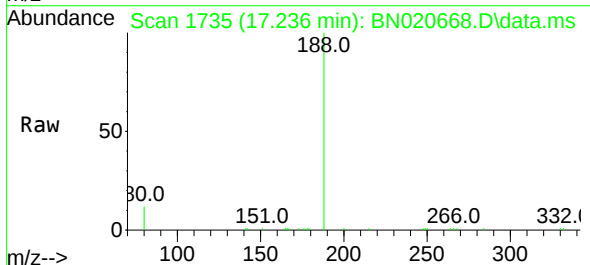
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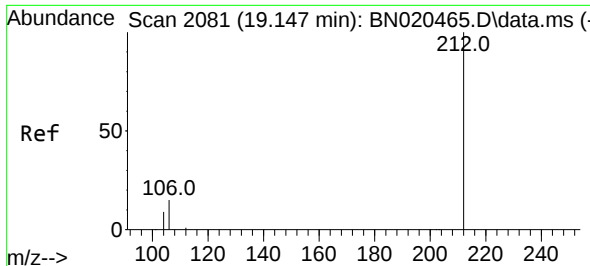
Tgt Ion:172 Resp: 7220
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 24.8 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. 0.010 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

Tgt Ion:188 Resp: 11175
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.4 11.2#

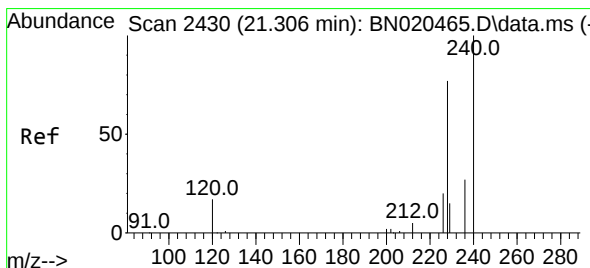
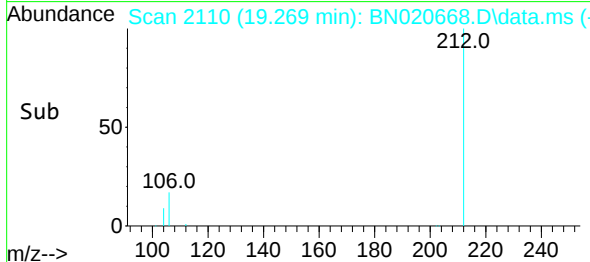
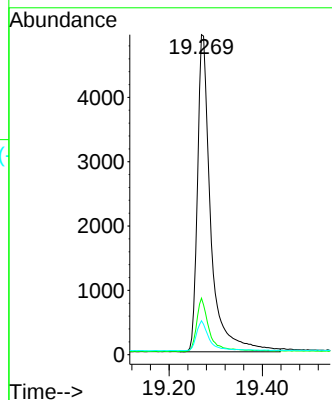
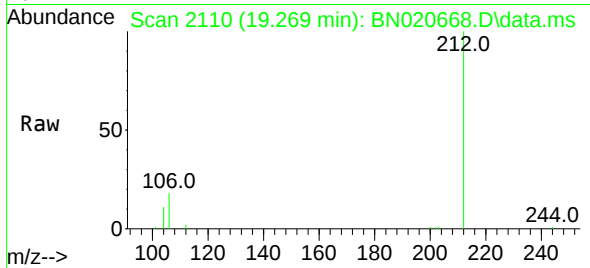




#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.269 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

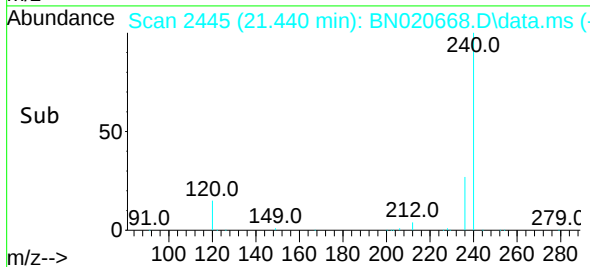
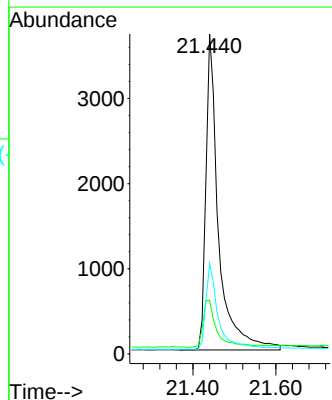
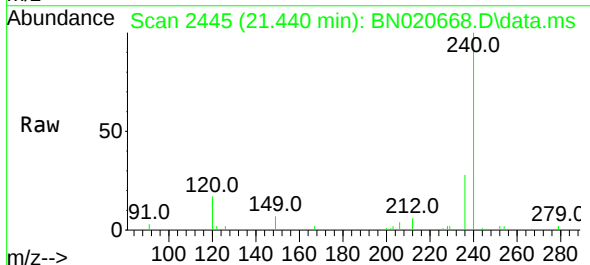
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BNA_N
ClientSampleId :
PB145995BL

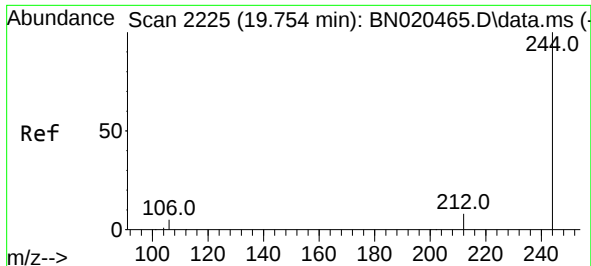
Tgt Ion:212 Resp: 9764
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 8.6 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

Tgt Ion:240 Resp: 7866
Ion Ratio Lower Upper
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120 16.8 14.6 21.8
236 28.3 22.6 33.8

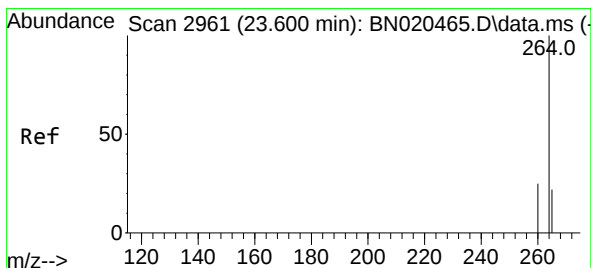
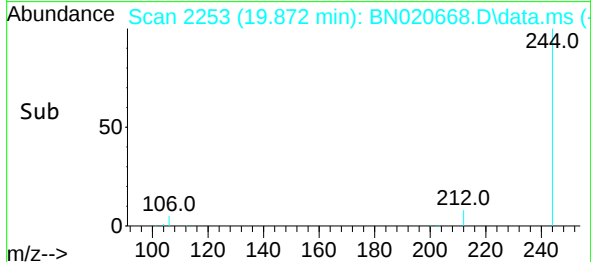
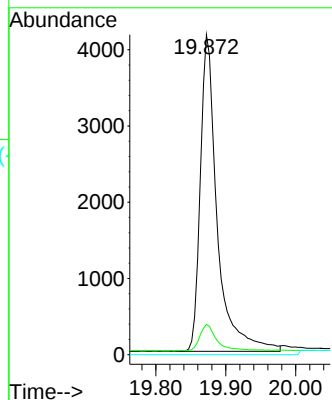
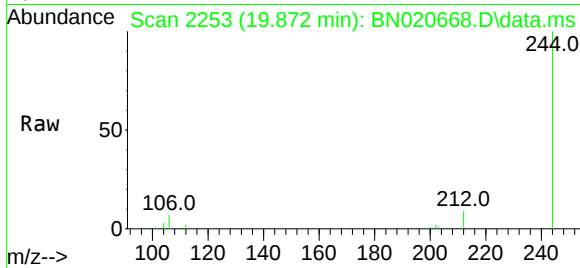




#31
Terphenyl-d14
Concen: 0.370 ng
RT: 19.872 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

Instrument :
BNA_N
ClientSampleId :
PB145995BL

Tgt Ion:244 Resp: 6958
Ion Ratio Lower Upper
244 100
212 9.4 7.1 10.7
122 0.0 0.0 0.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.796 min Scan# 3028
Delta R.T. 0.006 min
Lab File: BN020668.D
Acq: 06 Jul 2022 14:27

Tgt Ion:264 Resp: 6424
Ion Ratio Lower Upper
264 100
260 26.5 20.9 31.3
265 41.6 28.0 42.0

