

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017623.D
 Acq On : 30 Nov 2021 21:48
 Operator : CG/JU
 Sample : SP5764
 Misc : 8270 SIM SURROGATE
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5764

Quant Time: Dec 01 03:15:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 30 18:26:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	21979	0.40	ng	0.00
7) Naphthalene-d8	10.547	136	94586	0.40	ng	# 0.00
13) Acenaphthene-d10	14.384	164	50755	0.40	ng	0.00
19) Phenanthrene-d10	17.129	188	95302	0.40	ng	0.00
29) Chrysene-d12	21.314	240	78085	0.40	ng	# 0.00
35) Perylene-d12	23.626	264	68685	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.403	112	21063	0.42	ng	0.04
5) Phenol-d6	6.962	99	18016	0.34	ng	0.02
8) Nitrobenzene-d5	8.913	82	15493	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.142	152	60719	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	5689	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	88672	0.45	ng	0.00
27) Fluoranthene-d10	19.159	212	110956	0.37	ng	0.00
31) Terphenyl-d14	19.764	244	92649	0.54	ng	0.00

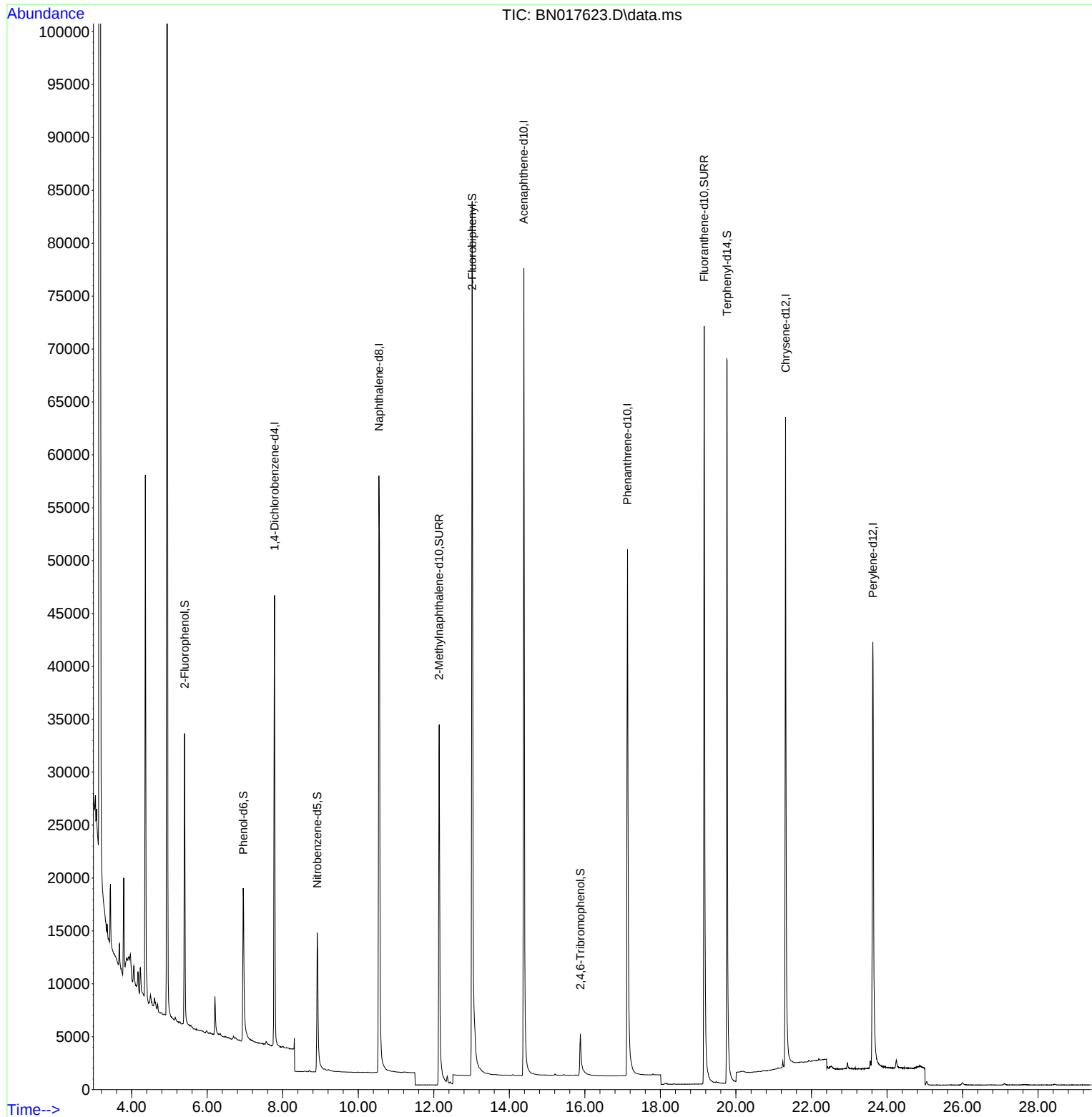
Target Compounds Qvalue

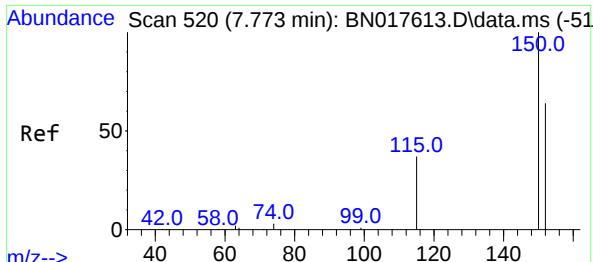
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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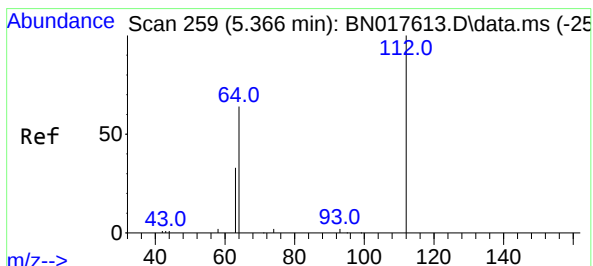
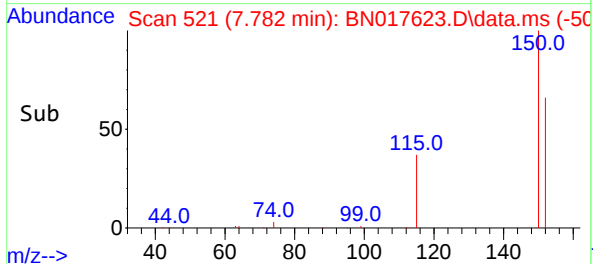
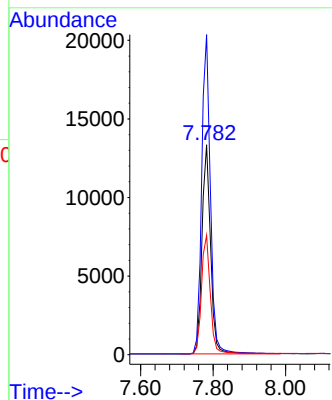
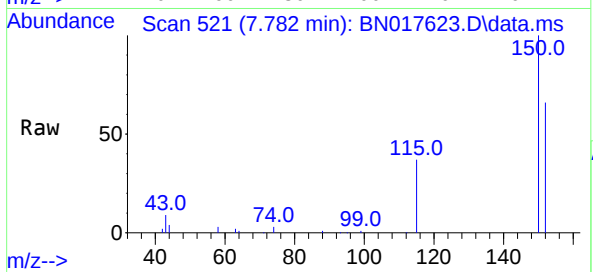




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.782 min Scan# 51
Delta R.T. 0.009 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

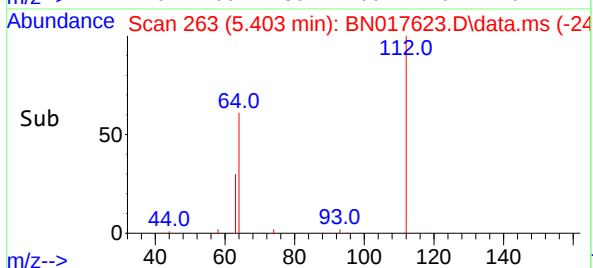
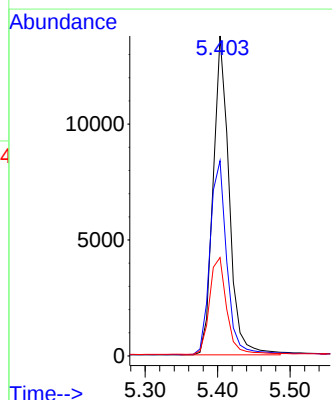
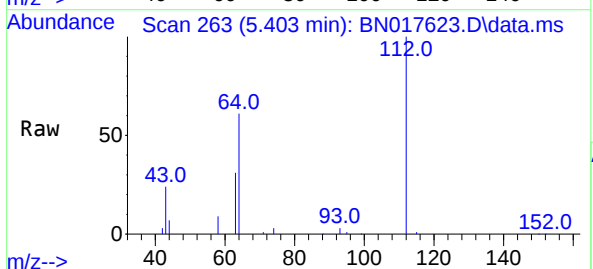
Instrument :
BNA_N
ClientSampleId :
SP5764

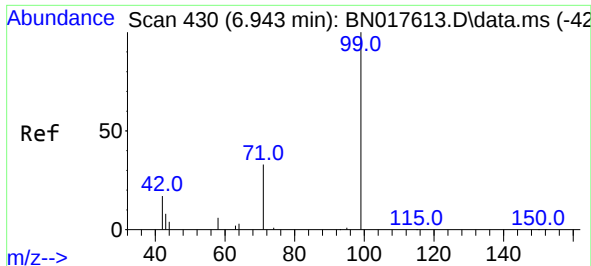
Tgt Ion:152 Resp: 21979
Ion Ratio Lower Upper
152 100
150 152.4 123.0 184.4
115 56.9 45.6 68.4



#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.403 min Scan# 263
Delta R.T. 0.037 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

Tgt Ion:112 Resp: 21063
Ion Ratio Lower Upper
112 100
64 63.8 47.6 71.4
63 32.9 24.6 37.0

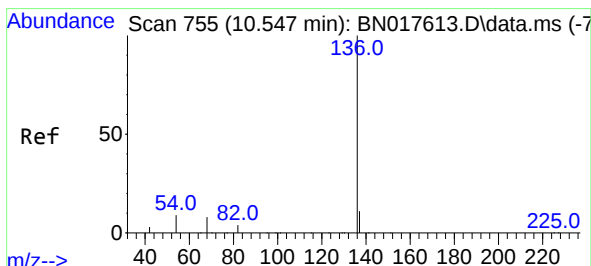
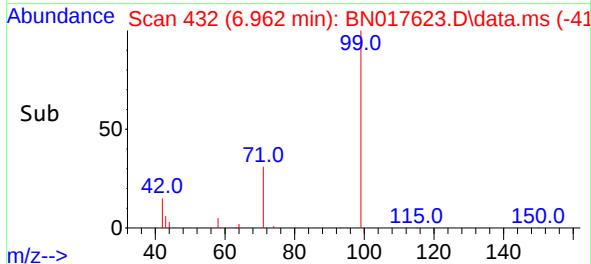
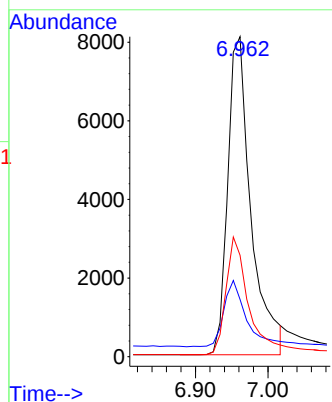
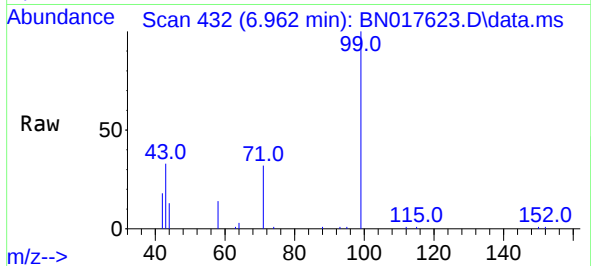




#5
Phenol-d6
Concen: 0.34 ng
RT: 6.962 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

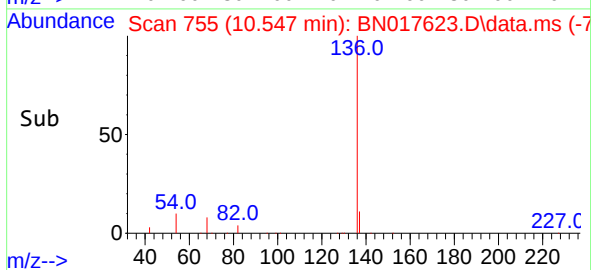
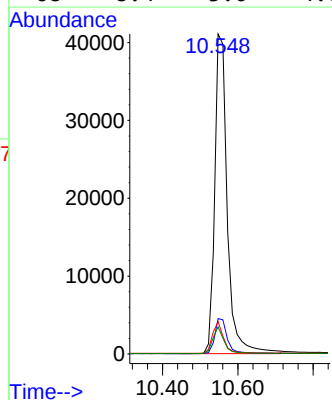
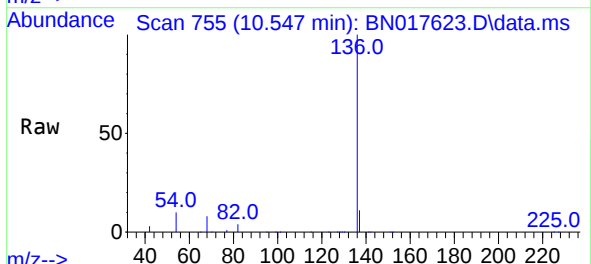
Instrument :
BNA_N
ClientSampleId :
SP5764

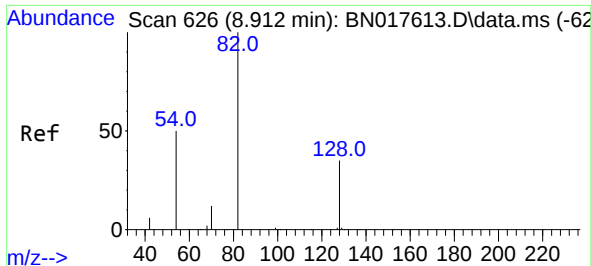
Tgt Ion: 99 Resp: 18016
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 35.5 24.8 37.2



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.547 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

Tgt Ion: 136 Resp: 94586
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.1 4.0 6.0#
68 8.4 3.0 4.6#

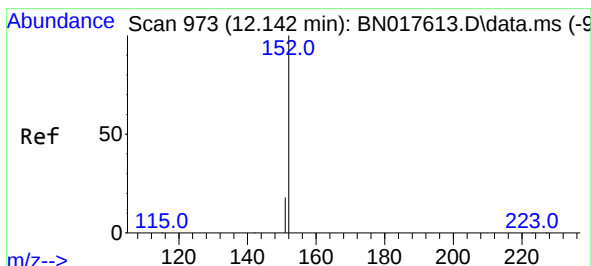
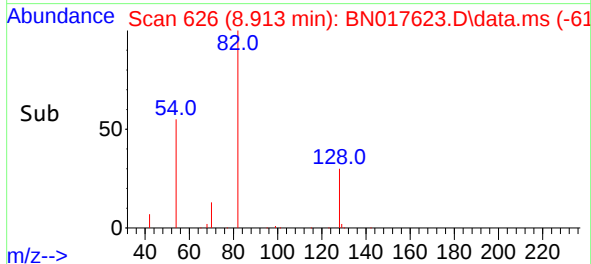
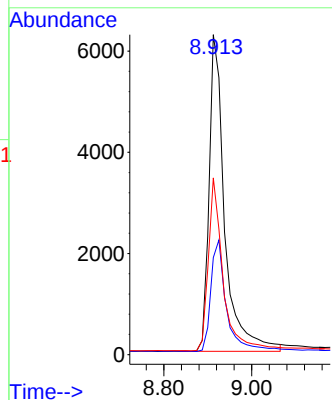
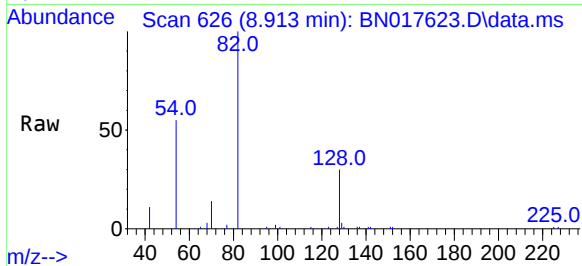




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.913 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

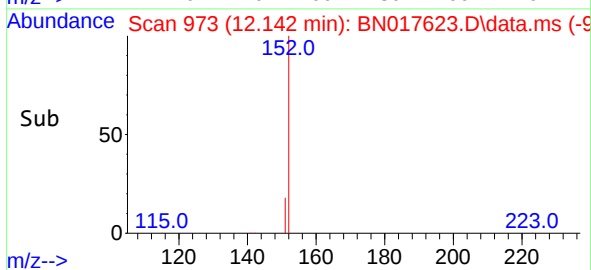
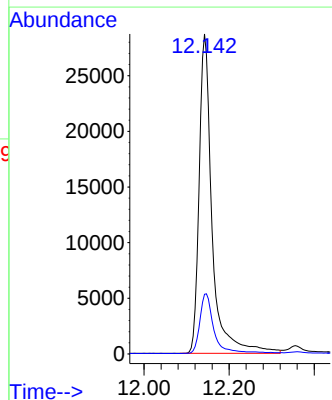
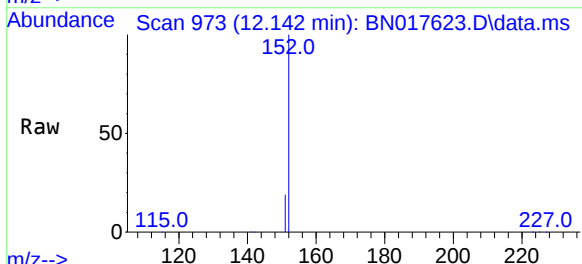
Instrument :
BNA_N
ClientSampleId :
SP5764

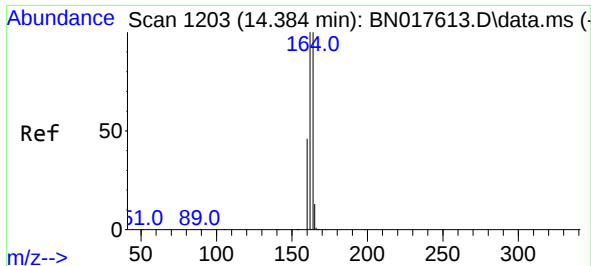
Tgt Ion: 82 Resp: 15493
Ion Ratio Lower Upper
82 100
128 30.3 27.7 41.5
54 55.3 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.142 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

Tgt Ion: 152 Resp: 60719
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4

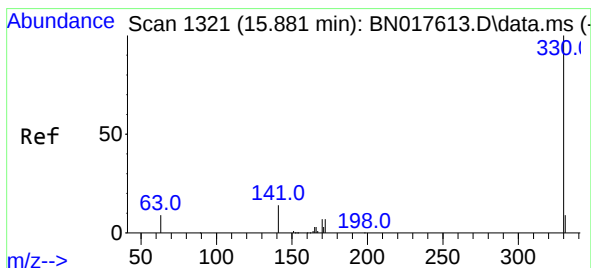
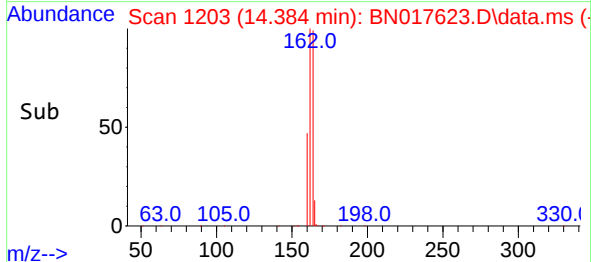
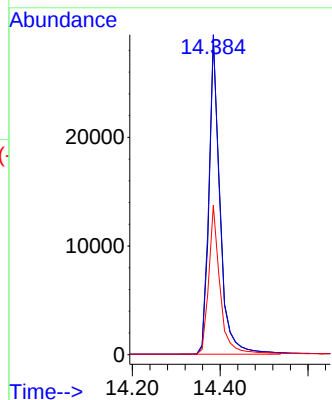
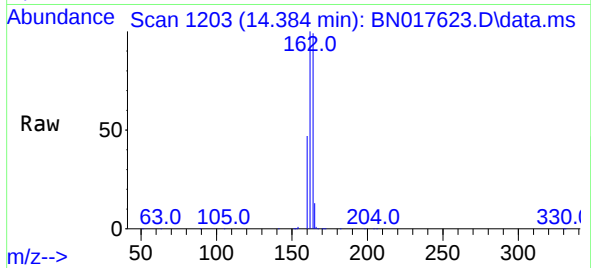




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

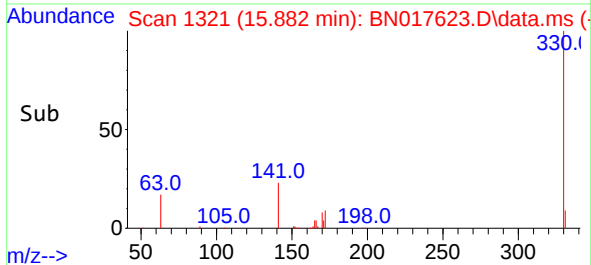
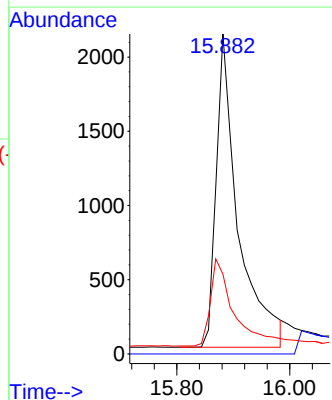
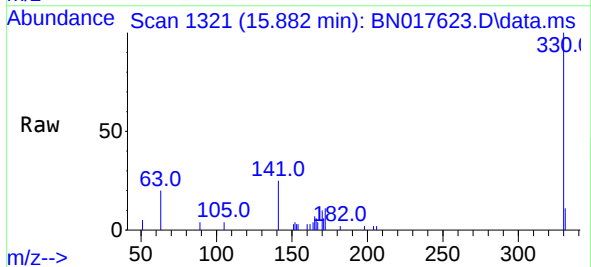
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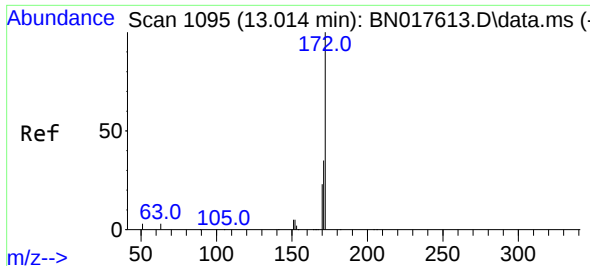
Tgt Ion:164 Resp: 50755
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.2
160 47.4 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.882 min Scan# 1321
Delta R.T. 0.001 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

Tgt Ion:330 Resp: 5689
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.6 28.9 43.3

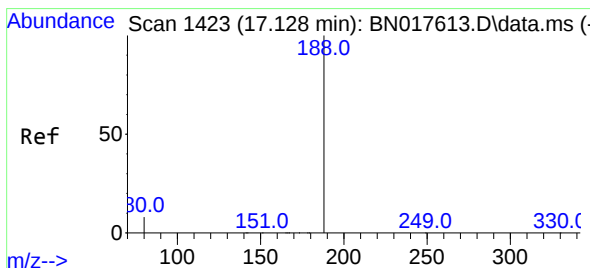
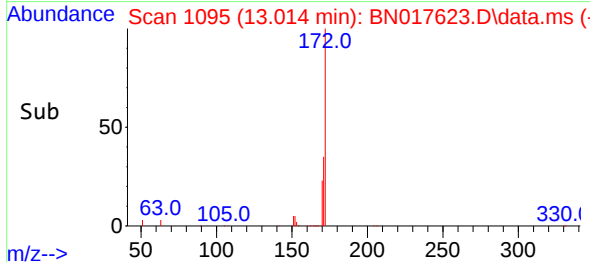
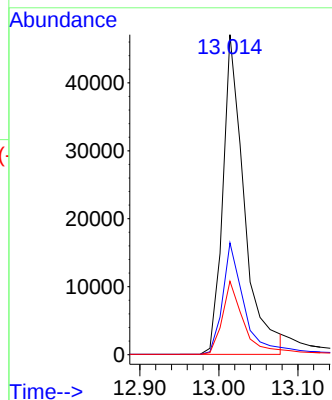
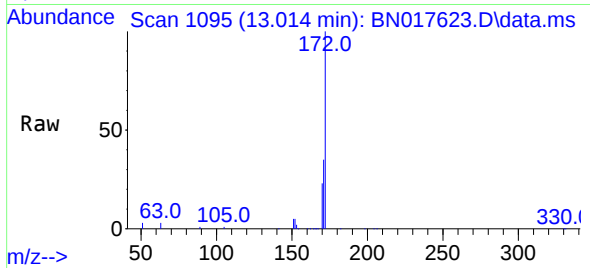




#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 13.014 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

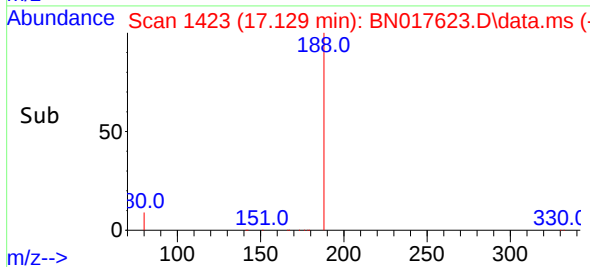
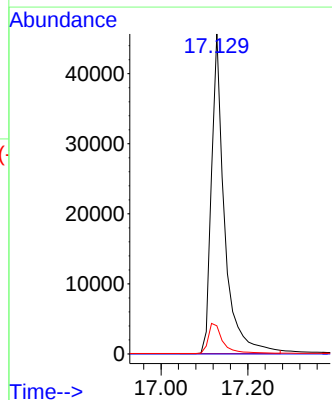
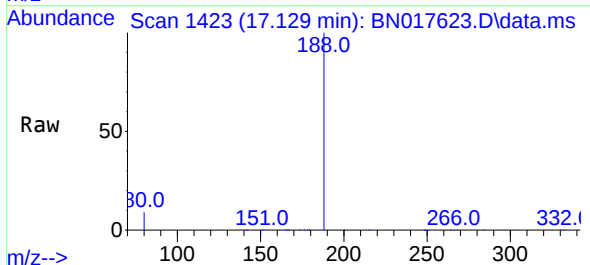
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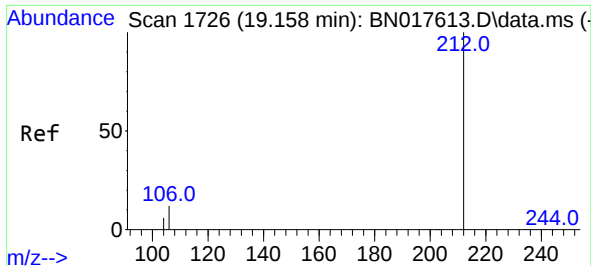
Tgt Ion:172 Resp: 88672
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 22.9 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.129 min Scan# 1423
Delta R.T. 0.001 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

Tgt Ion:188 Resp: 95302
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.1 9.1

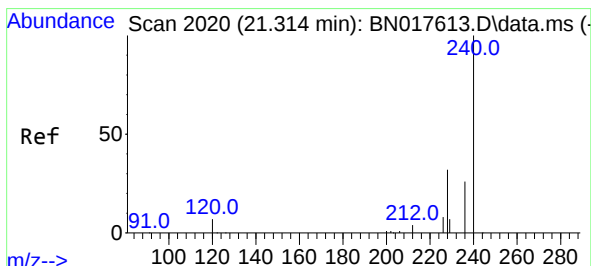
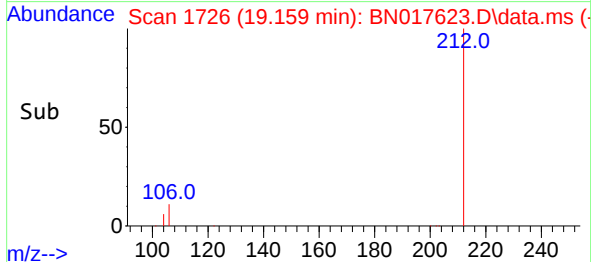
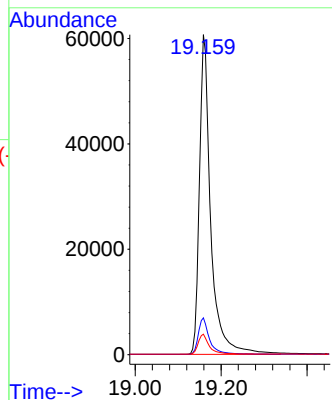
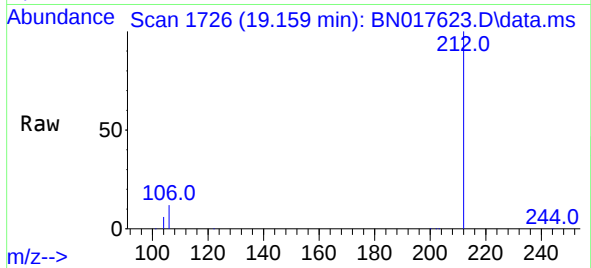




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.159 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

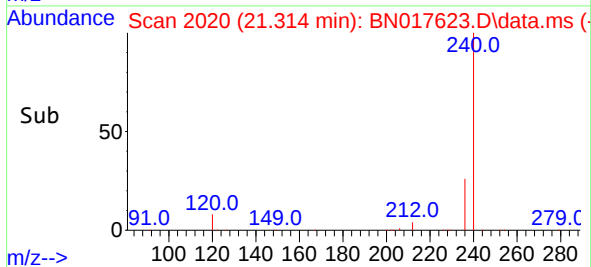
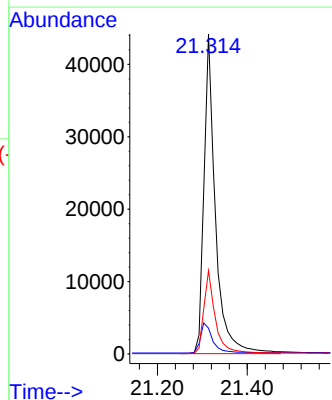
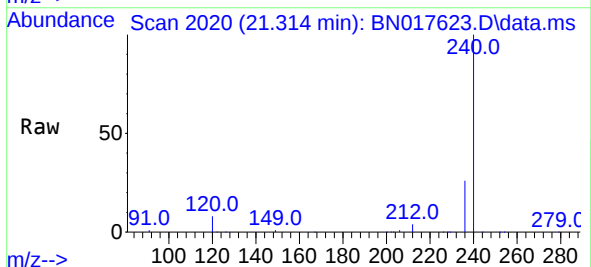
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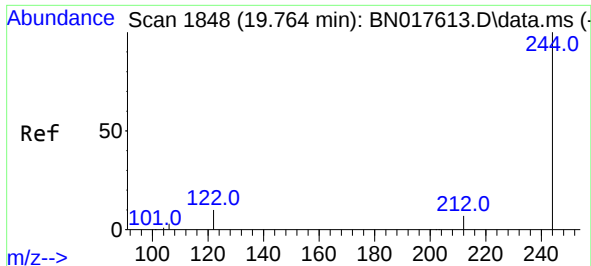
Tgt Ion:212 Resp: 110956
Ion Ratio Lower Upper
212 100
106 11.4 10.5 15.7
104 6.3 5.8 8.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN017623.D
Acq: 30 Nov 2021 21:48

Tgt Ion:240 Resp: 78085
Ion Ratio Lower Upper
240 100
120 8.0 4.2 6.2#
236 26.1 20.0 30.0

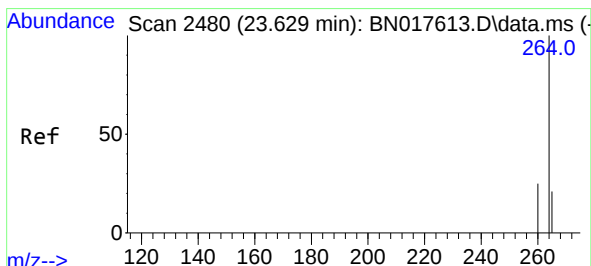
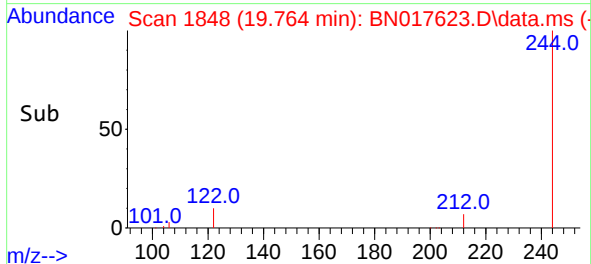
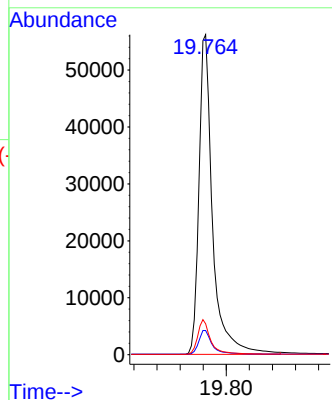
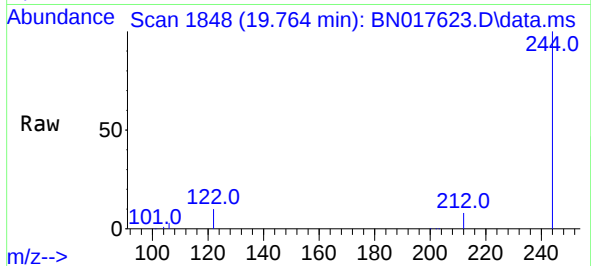




#31
 Terphenyl-d14
 Concen: 0.54 ng
 RT: 19.764 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017623.D
 Acq: 30 Nov 2021 21:48

Instrument :
 BNA_N
 ClientSampleId :
 SP5764

Tgt Ion:244 Resp: 92649
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 9.6 8.6 13.0



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.626 min Scan# 2479
 Delta R.T. -0.003 min
 Lab File: BN017623.D
 Acq: 30 Nov 2021 21:48

Tgt Ion:264 Resp: 68685
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 24.9 18.6 28.0

