

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042022\
 Data File : BN019500.D
 Acq On : 19 Apr 2022 17:49
 Operator : CG/JU
 Sample : PB144158BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB144158BL

Quant Time: Apr 20 04:05:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

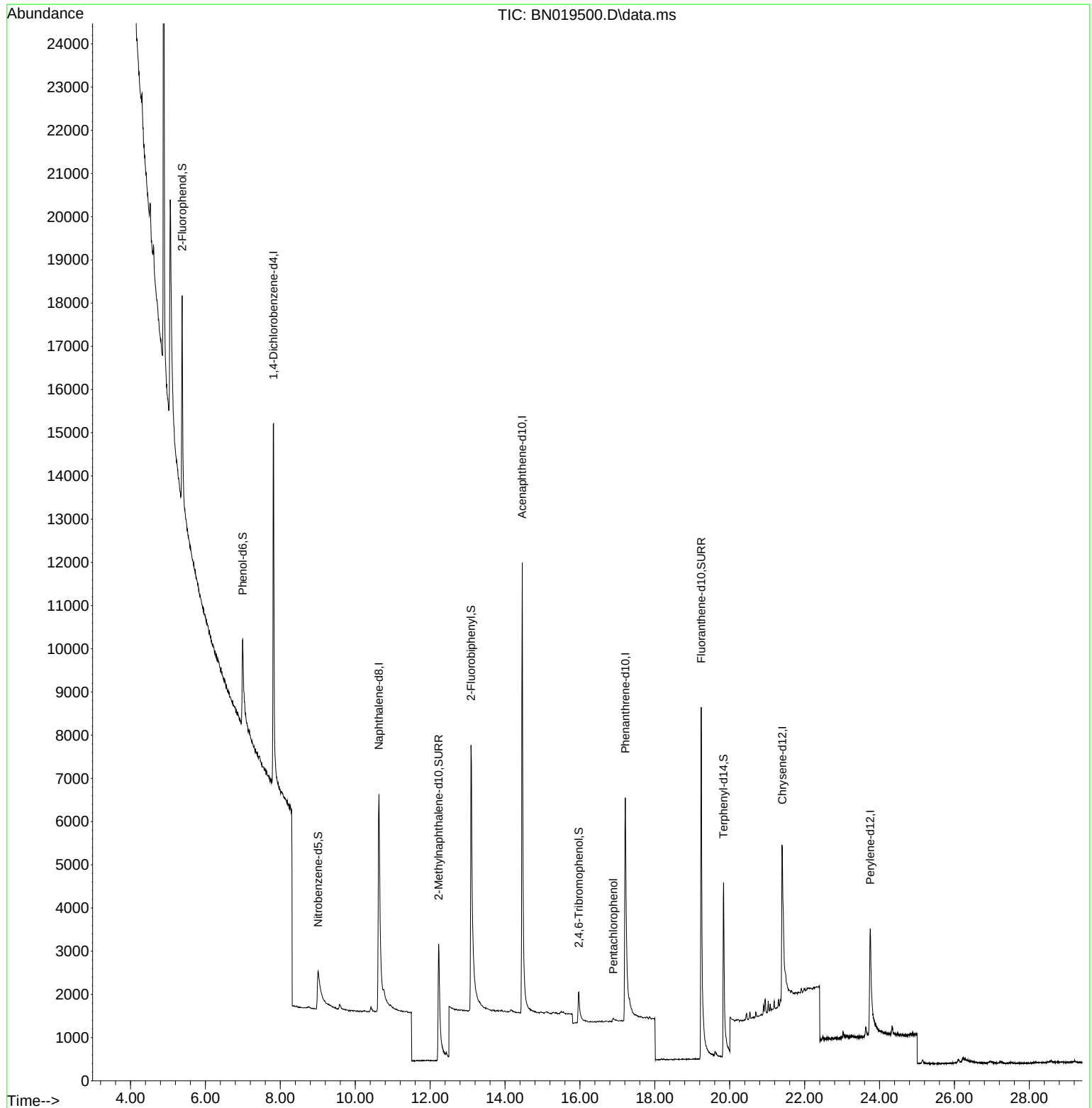
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	5496	0.400	ng	0.00
7) Naphthalene-d8	10.634	136	13551	0.400	ng	# 0.00
13) Acenaphthene-d10	14.461	164	8558	0.400	ng	0.00
19) Phenanthrene-d10	17.213	188	15018	0.400	ng	0.00
29) Chrysene-d12	21.404	240	8719	0.400	ng	# 0.00
35) Perylene-d12	23.752	264	6537	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.378	112	4673	0.317	ng	0.00
5) Phenol-d6	6.996	99	3136	0.177	ng	0.00
8) Nitrobenzene-d5	9.012	82	2468	0.200	ng	0.03
11) 2-Methylnaphthalene-d10	12.228	152	8130	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.972	330	789	0.152	ng	0.02
15) 2-Fluorobiphenyl	13.092	172	10007	0.281	ng	0.00
27) Fluoranthene-d10	19.239	212	16160	0.334	ng	0.00
31) Terphenyl-d14	19.834	244	8664	0.457	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.895	266	104	0.023	ng	Qvalue 98

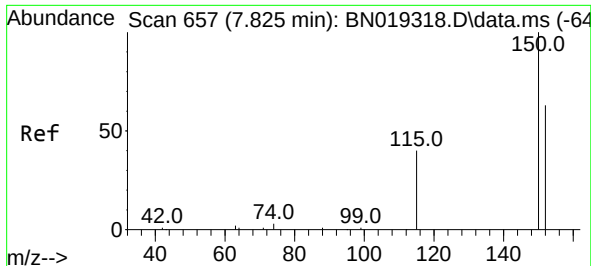
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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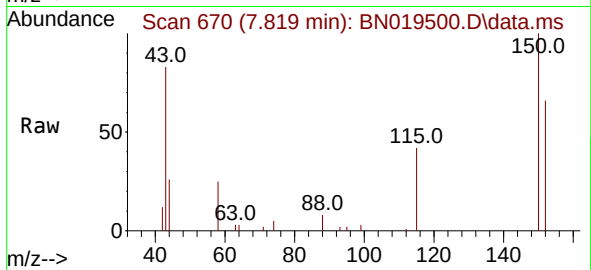
Quant Time: Apr 20 04:05:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
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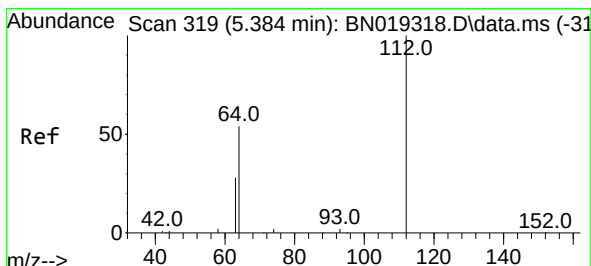
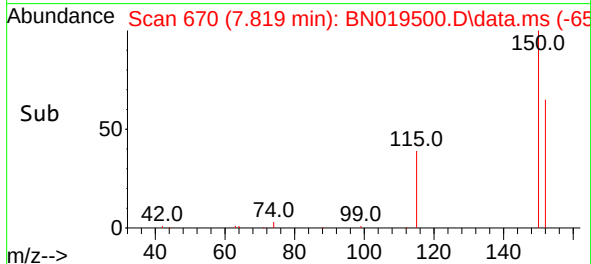
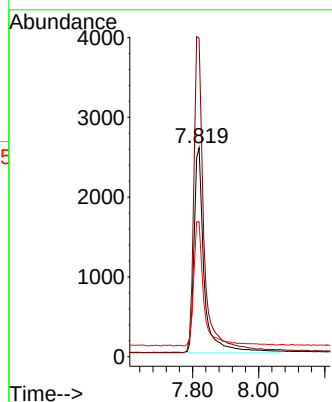


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.819 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Instrument :
BNA_N
ClientSampleId :
PB144158BL

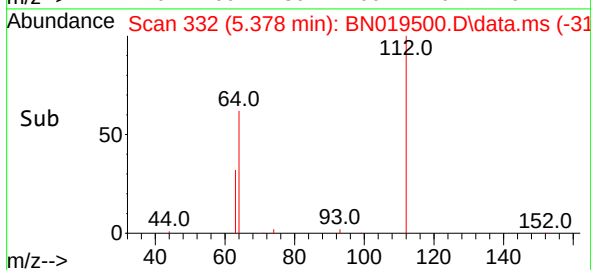
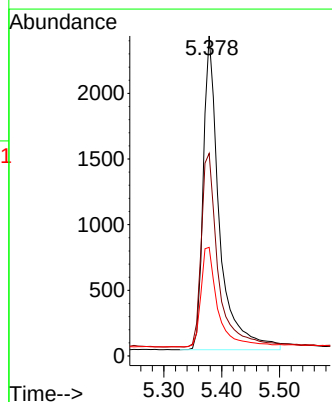
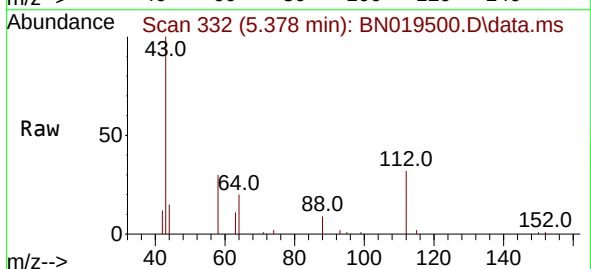


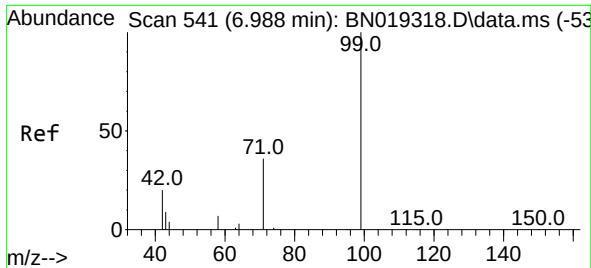
Tgt Ion:152 Resp: 5496
Ion Ratio Lower Upper
152 100
150 152.5 123.9 185.9
115 64.6 48.2 72.4



#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.378 min Scan# 332
Delta R.T. -0.006 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Tgt Ion:112 Resp: 4673
Ion Ratio Lower Upper
112 100
64 64.3 47.8 71.8
63 33.3 25.7 38.5

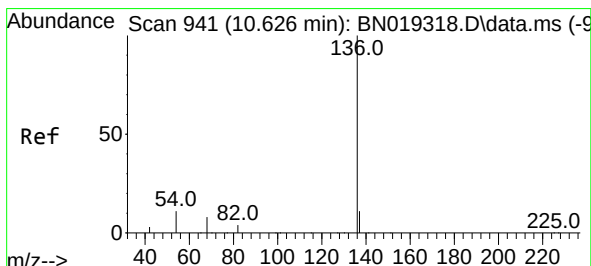
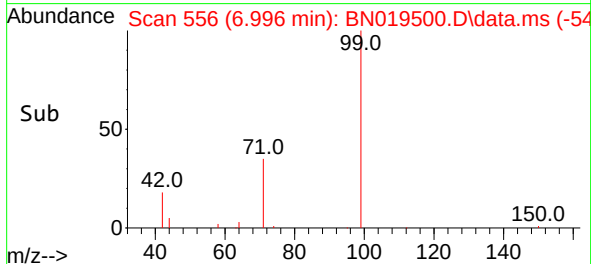
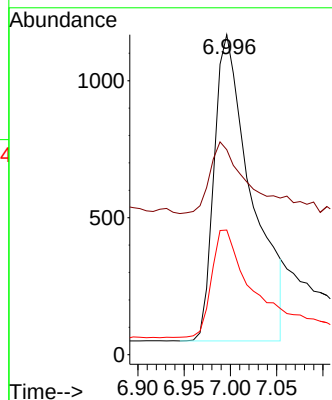
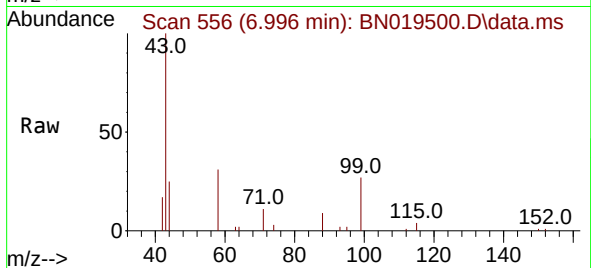




#5
Phenol-d6
Concen: 0.177 ng
RT: 6.996 min Scan# 51
Delta R.T. 0.008 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

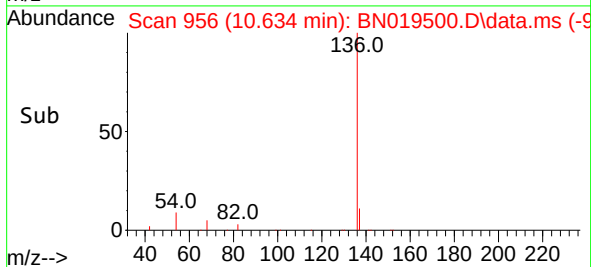
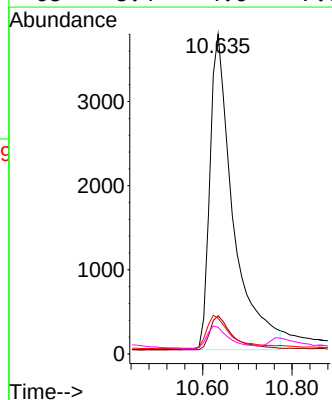
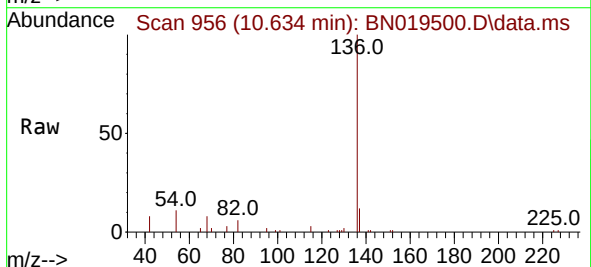
Instrument :
BNA_N
ClientSampleId :
PB144158BL

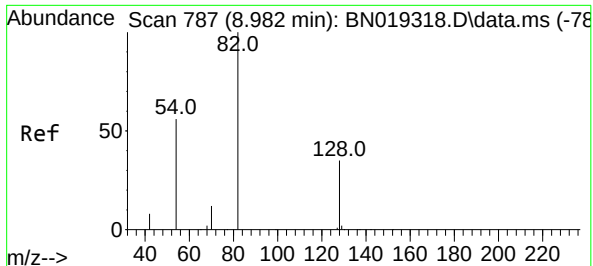
Tgt Ion: 99 Resp: 3136
Ion Ratio Lower Upper
99 100
42 22.3 16.2 24.4
71 36.4 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.634 min Scan# 956
Delta R.T. 0.008 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Tgt Ion: 136 Resp: 13551
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 11.2 5.8 8.6#
68 8.4 4.6 7.0#

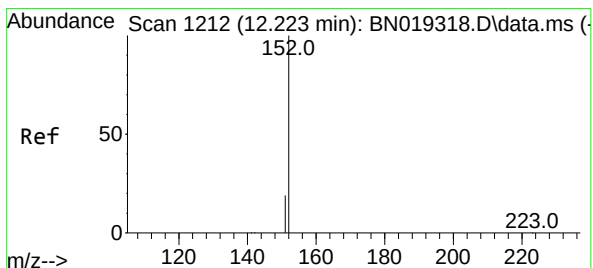
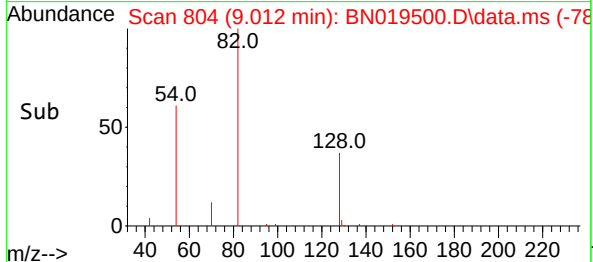
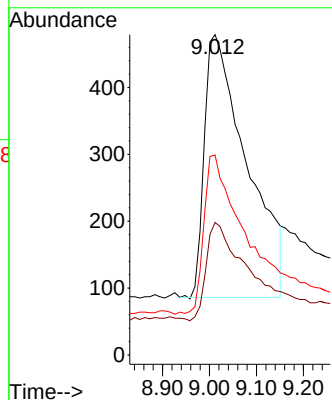
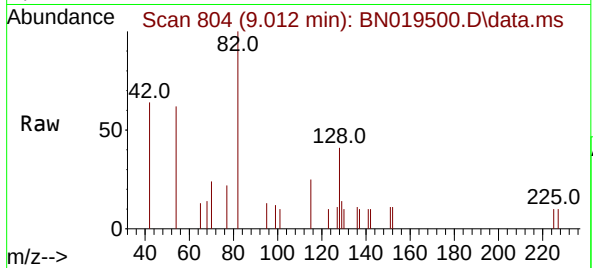




#8
Nitrobenzene-d5
Concen: 0.200 ng
RT: 9.012 min Scan# 804
Delta R.T. 0.030 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

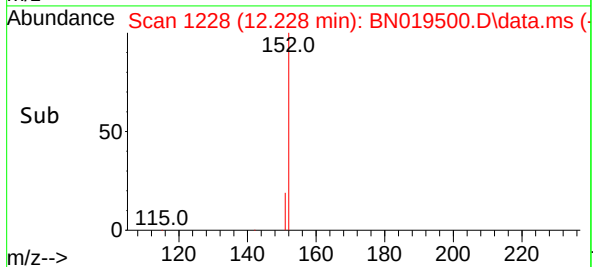
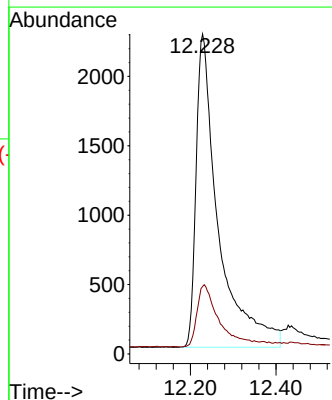
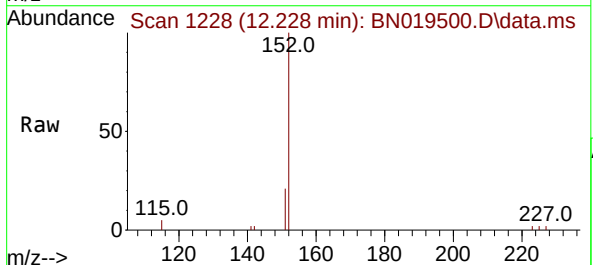
Instrument :
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ClientSampleId :
PB144158BL

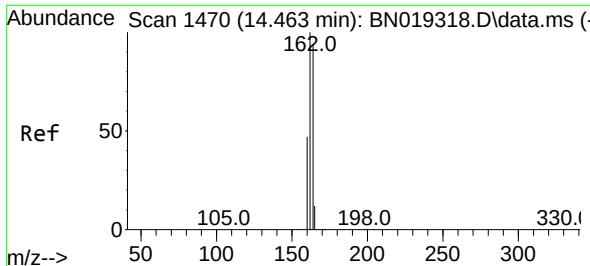
Tgt Ion: 82 Resp: 2468
Ion Ratio Lower Upper
82 100
128 41.3 33.0 49.6
54 62.4 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.228 min Scan# 1228
Delta R.T. 0.005 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Tgt Ion: 152 Resp: 8130
Ion Ratio Lower Upper
152 100
151 19.5 16.5 24.7

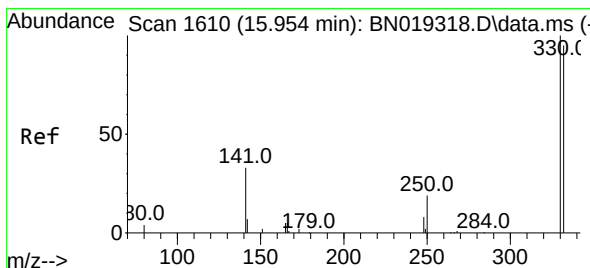
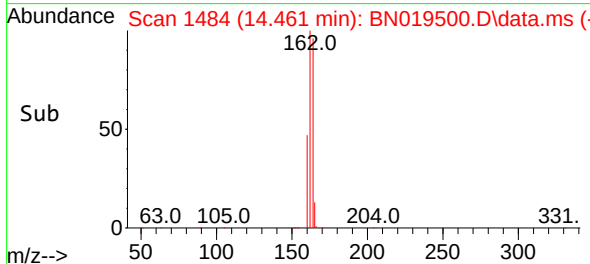
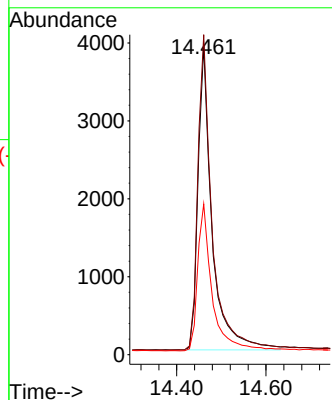
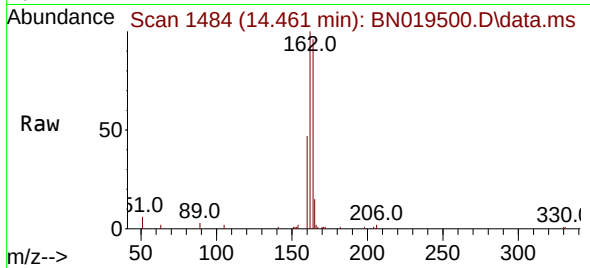




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.461 min Scan# 1470
Delta R.T. -0.002 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

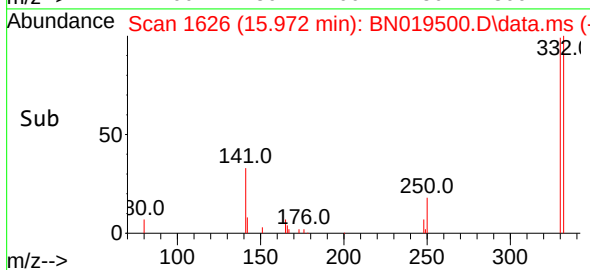
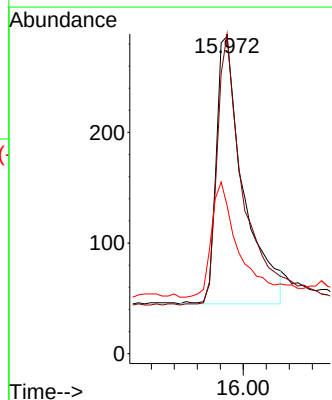
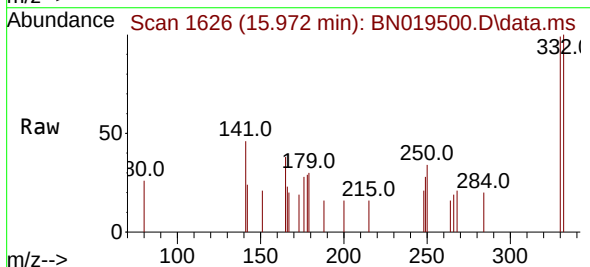
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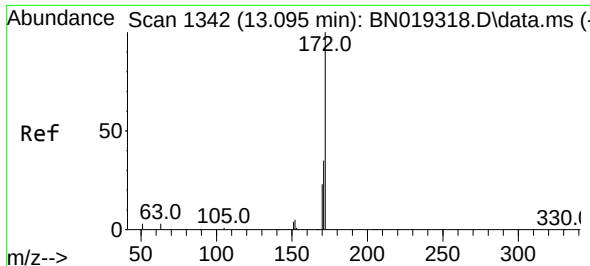
Tgt Ion:164 Resp: 8558
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 48.9 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.152 ng
RT: 15.972 min Scan# 1626
Delta R.T. 0.018 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Tgt Ion:330 Resp: 789
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 42.3 32.2 48.2

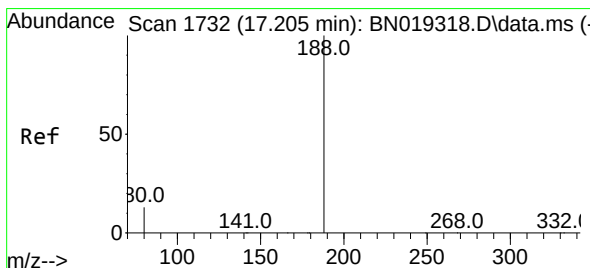
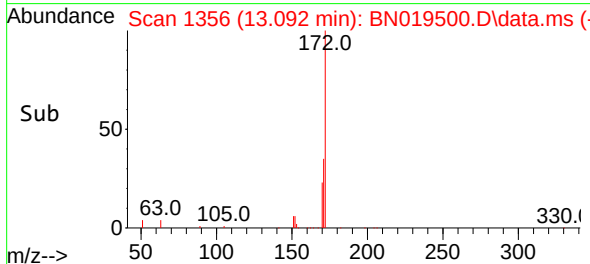
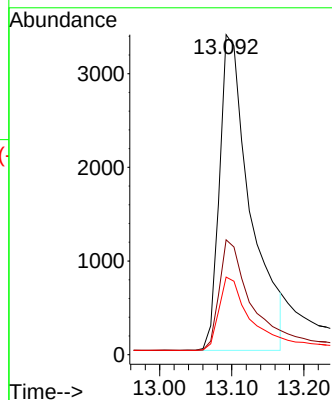
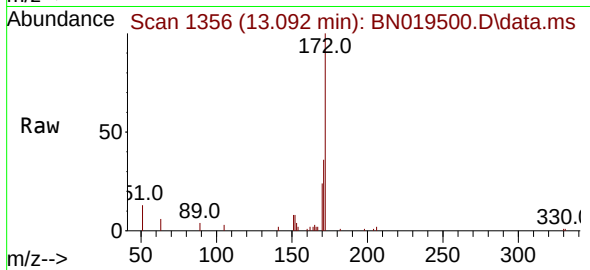




#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 13.092 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

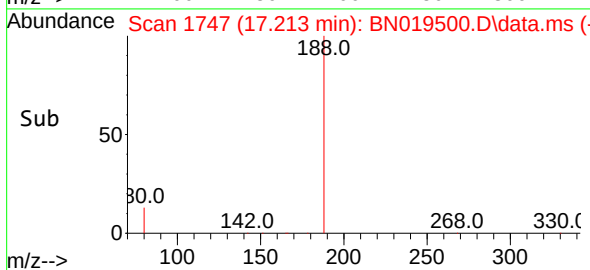
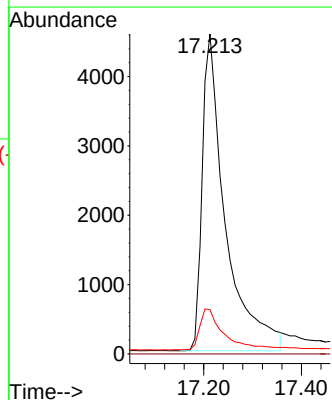
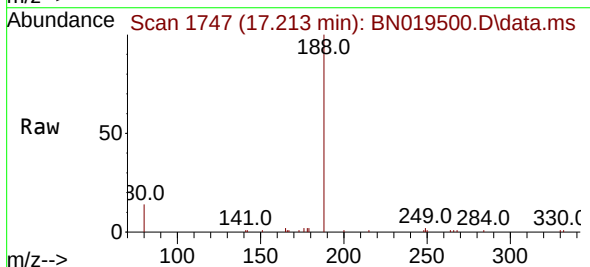
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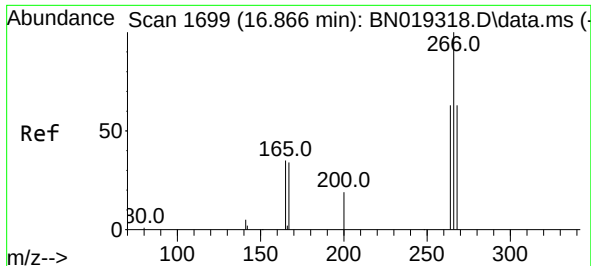
Tgt Ion:172 Resp: 10007
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.213 min Scan# 1747
Delta R.T. 0.008 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Tgt Ion:188 Resp: 15018
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 11.8 17.8

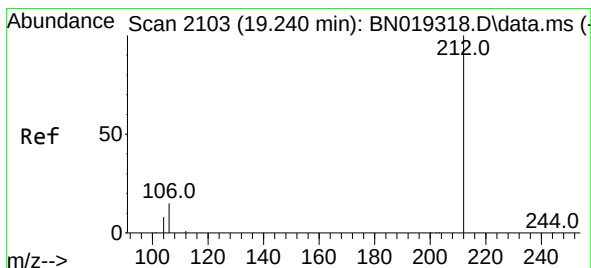
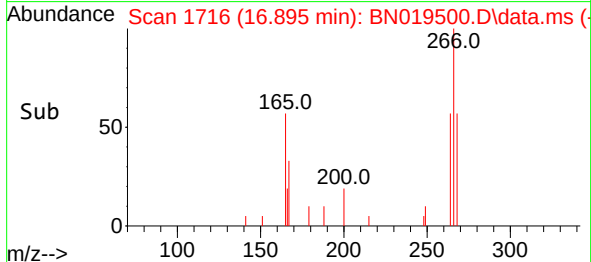
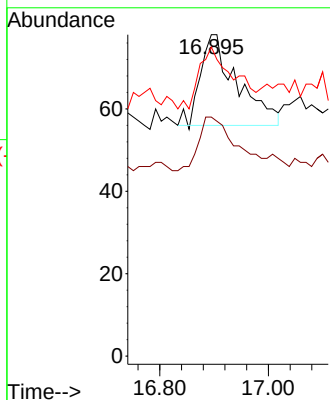
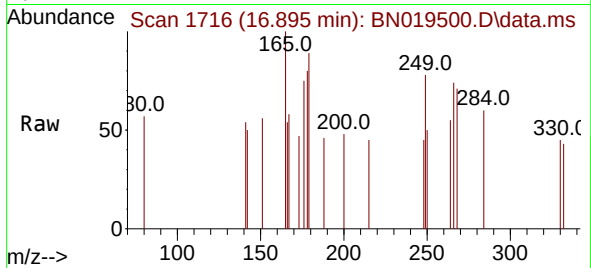




#24
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.895 min Scan# 11
 Delta R.T. 0.028 min
 Lab File: BN019500.D
 Acq: 19 Apr 2022 17:49

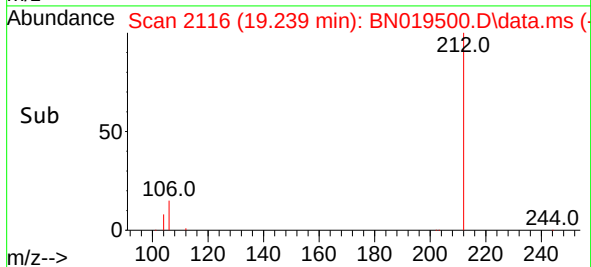
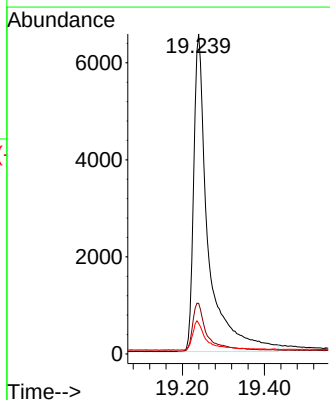
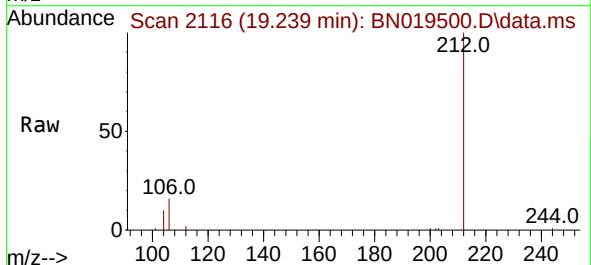
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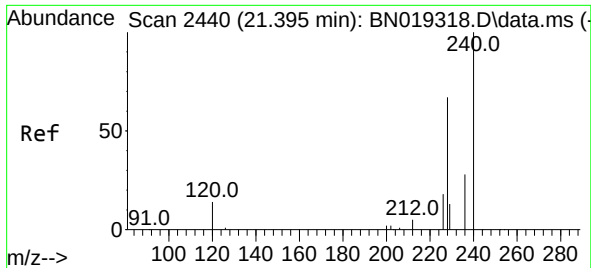
Tgt Ion:266 Resp: 104
 Ion Ratio Lower Upper
 266 100
 264 60.6 50.2 75.4
 268 63.5 51.9 77.9



#27
 Fluoranthene-d10
 Concen: 0.334 ng
 RT: 19.239 min Scan# 2116
 Delta R.T. -0.001 min
 Lab File: BN019500.D
 Acq: 19 Apr 2022 17:49

Tgt Ion:212 Resp: 16160
 Ion Ratio Lower Upper
 212 100
 106 14.7 12.7 19.1
 104 8.7 7.1 10.7

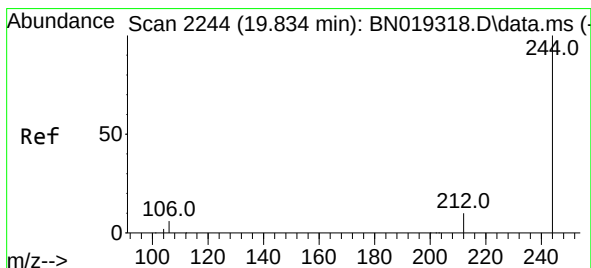
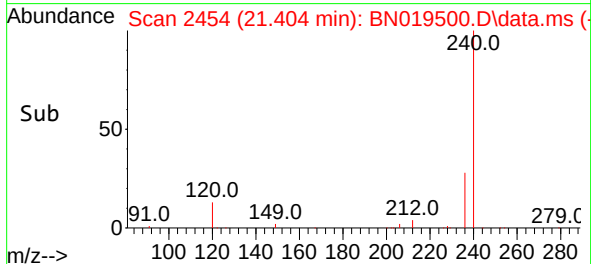
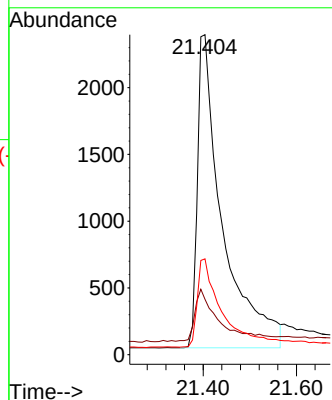
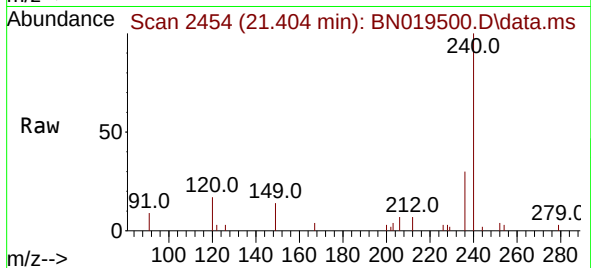




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2440
Delta R.T. 0.008 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

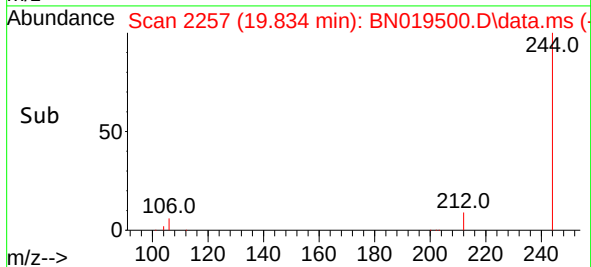
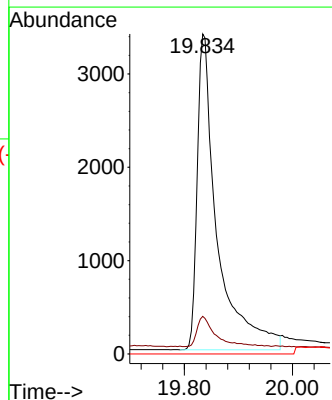
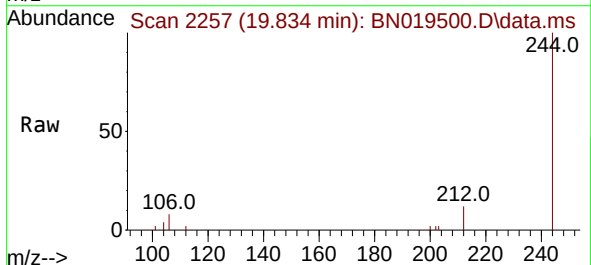
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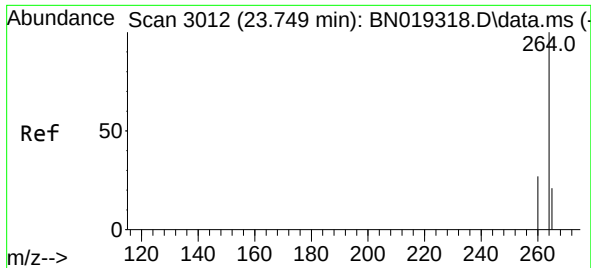
Tgt Ion:240 Resp: 8719
Ion Ratio Lower Upper
240 100
120 17.3 8.5 12.7#
236 30.0 22.4 33.6



#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.834 min Scan# 2257
Delta R.T. -0.001 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Tgt Ion:244 Resp: 8664
Ion Ratio Lower Upper
244 100
212 11.7 8.2 12.4
122 0.0 0.0 0.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.752 min Scan# 30
Delta R.T. 0.002 min
Lab File: BN019500.D
Acq: 19 Apr 2022 17:49

Instrument :
BNA_N
ClientSampleId :
PB144158BL

Tgt Ion:264 Resp: 6537
Ion Ratio Lower Upper
264 100
260 29.2 22.4 33.6
265 46.5 25.3 37.9#

