

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016358.D
 Acq On : 21 Sep 2021 00:47
 Operator : CG/JU
 Sample : M3781-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20210916

Quant Time: Sep 21 02:30:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

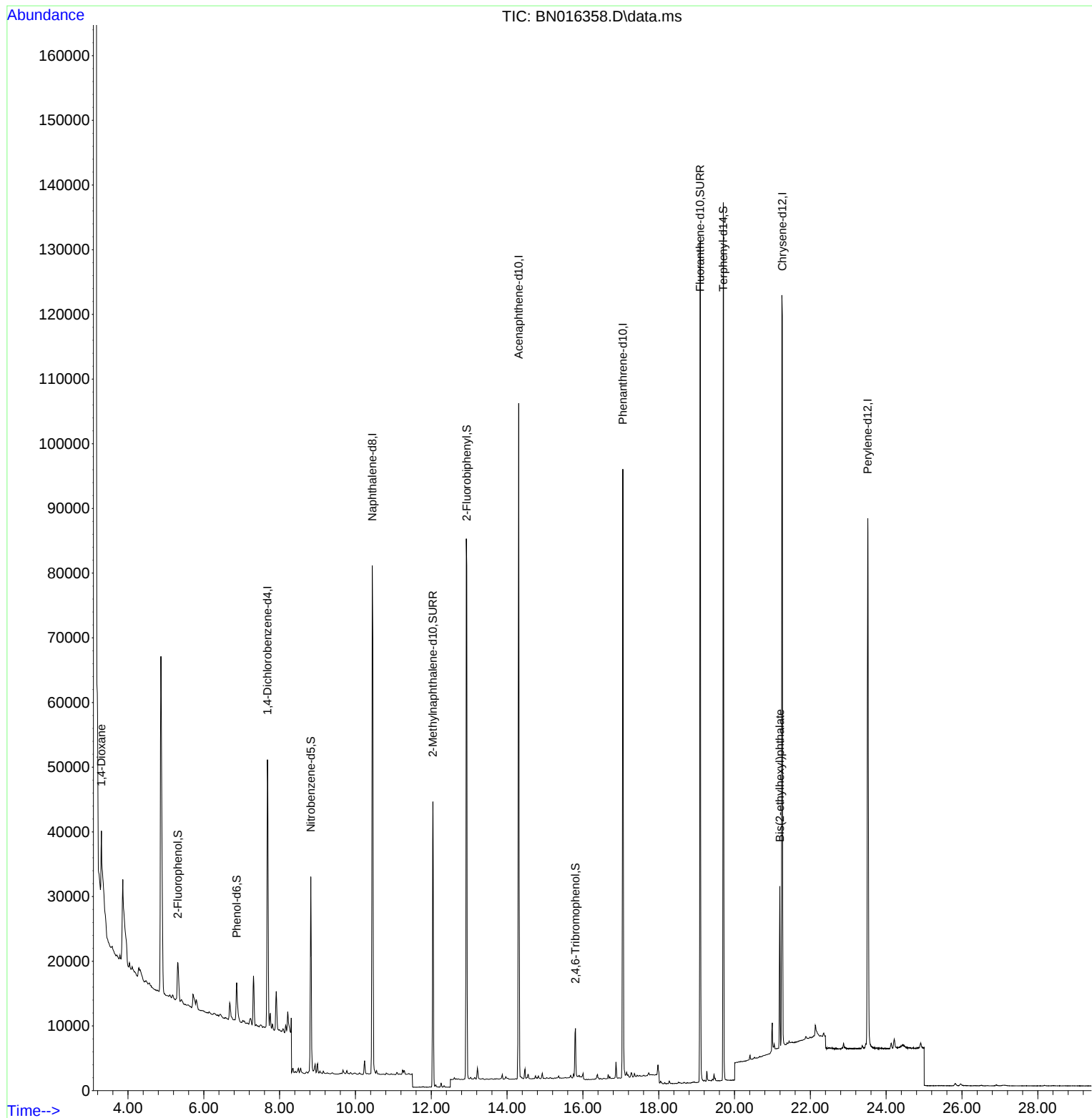
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	24783	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	110507	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	58495	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	119399	0.400	ng	0.00
29) Chrysene-d12	21.259	240	125332	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	106844	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	8115	0.130	ng	0.00
5) Phenol-d6	6.868	99	5585	0.074	ng	0.00
8) Nitrobenzene-d5	8.822	82	23320	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	58426	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6230	0.363	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	83495	0.365	ng	0.00
27) Fluoranthene-d10	19.093	212	148916	0.431	ng	0.00
31) Terphenyl-d14	19.703	244	135498	0.467	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.299	88	6160	0.598	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.196	149	22256	0.102	ng	98

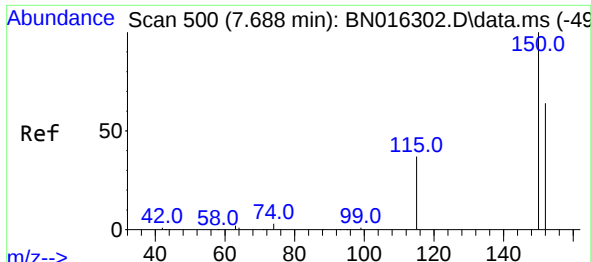
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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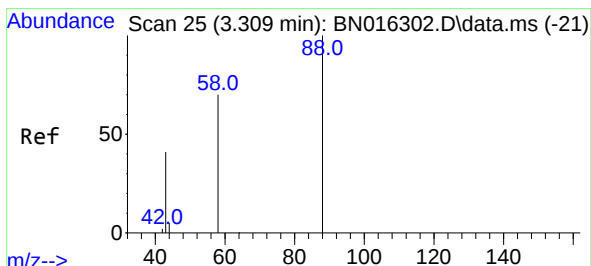
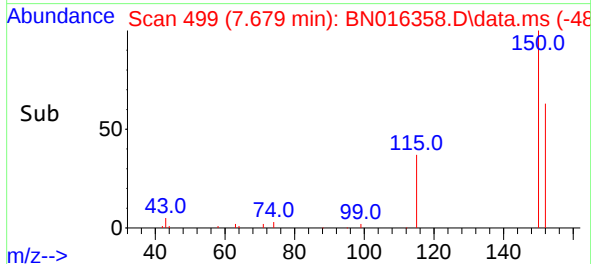
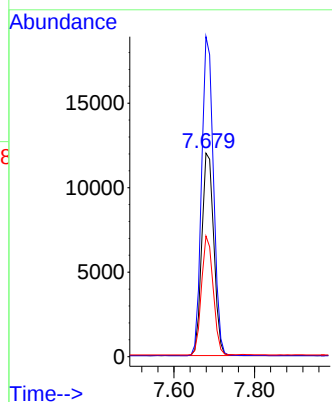
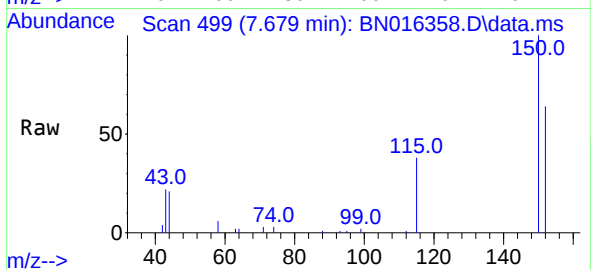




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.009 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

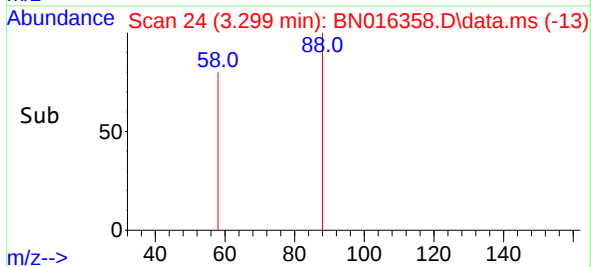
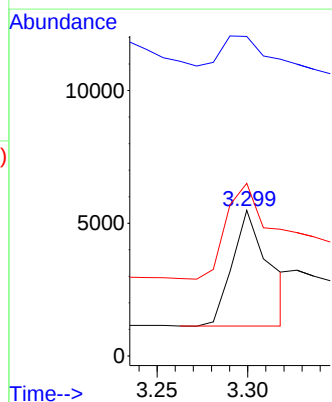
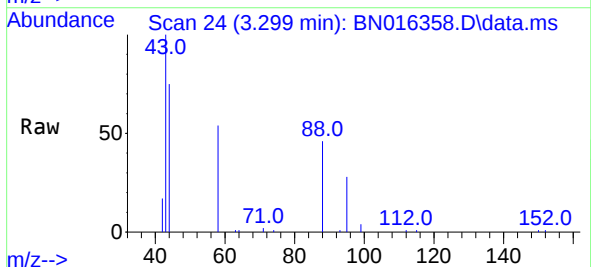
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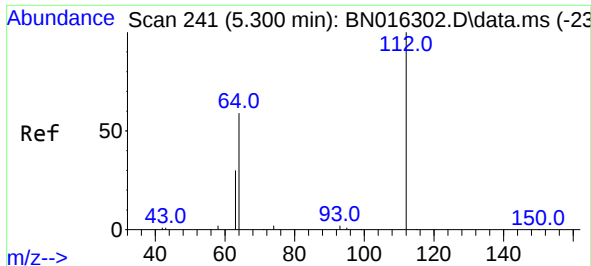
Tgt Ion:152 Resp: 24783
Ion Ratio Lower Upper
152 100
150 157.2 125.6 188.4
115 59.3 50.2 75.2



#2
1,4-Dioxane
Concen: 0.598 ng
RT: 3.299 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

Tgt Ion: 88 Resp: 6160
Ion Ratio Lower Upper
88 100
43 27.7 20.3 30.5
58 109.4 69.9 104.9

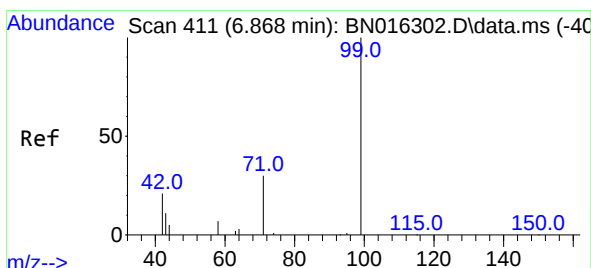
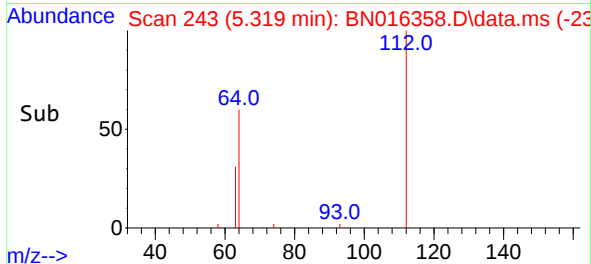
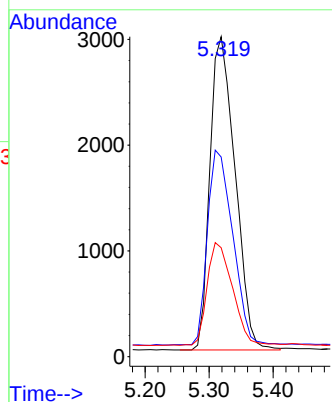
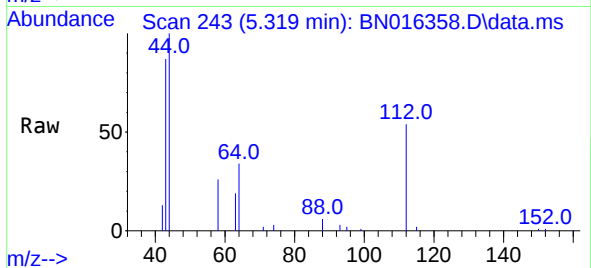




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.010 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

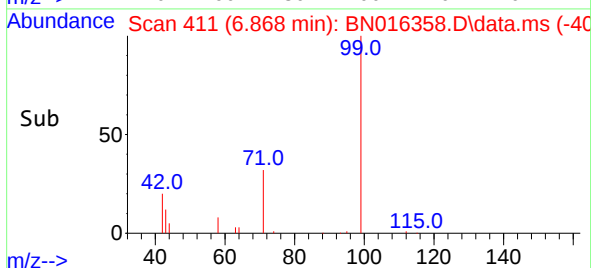
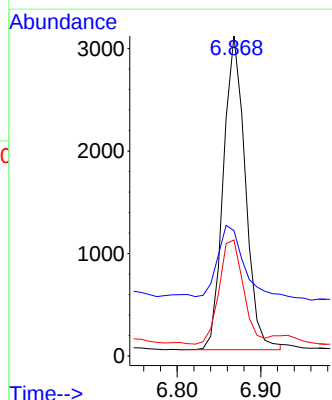
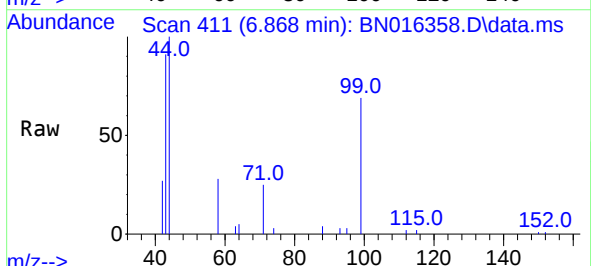
Instrument :
BNA_N
ClientSampleId :
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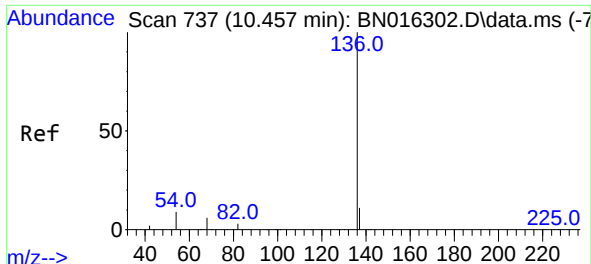
Tgt Ion:112 Resp: 8115
Ion Ratio Lower Upper
112 100
64 62.6 47.3 70.9
63 33.0 23.4 35.0



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

Tgt Ion: 99 Resp: 5585
Ion Ratio Lower Upper
99 100
42 25.9 14.0 21.0#
71 36.7 23.8 35.6#

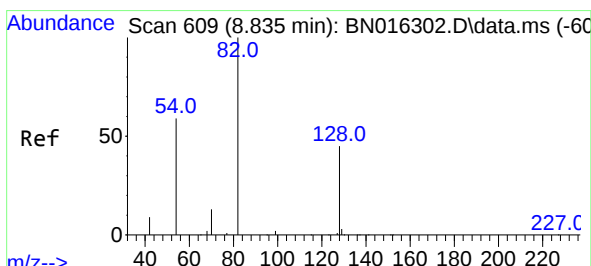
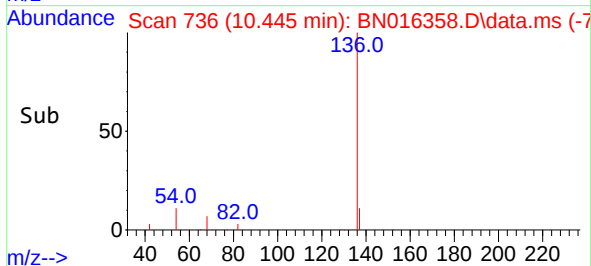
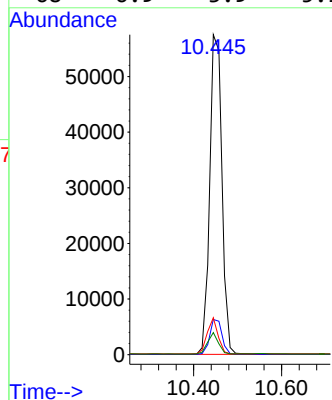
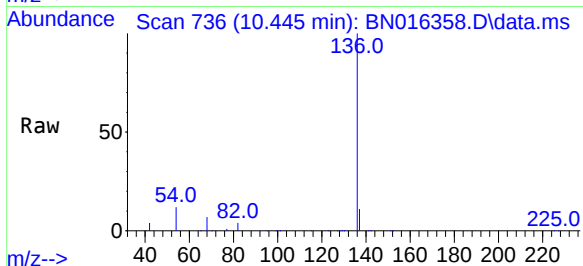




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

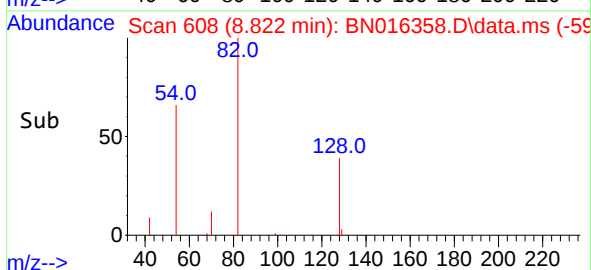
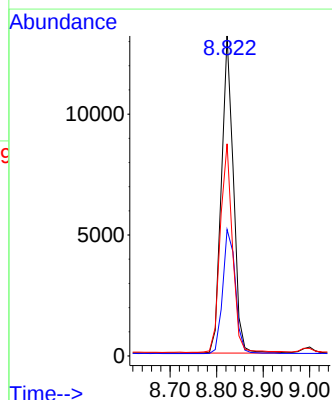
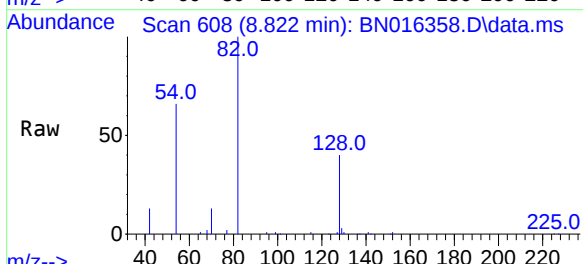
Instrument :
BNA_N
ClientSampleId :
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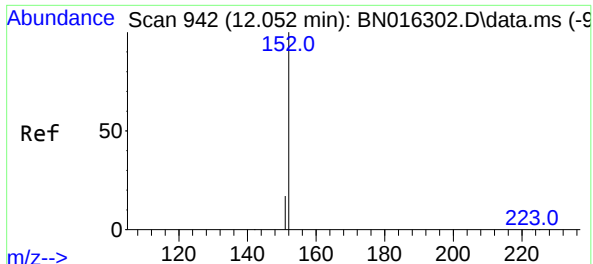
Tgt Ion:	136	Resp:	110507
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.6	5.3	7.9#
68	6.9	3.9	5.9#



#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

Tgt Ion:	82	Resp:	23320
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.7	47.5
54	66.3	46.4	69.6

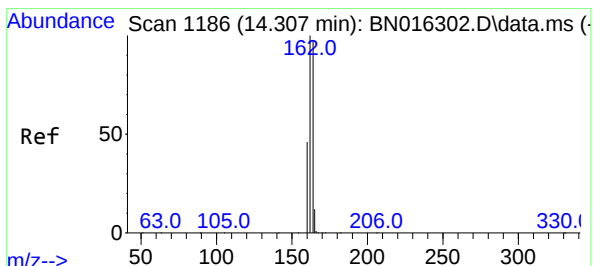
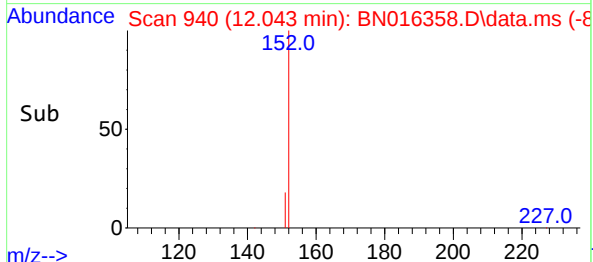
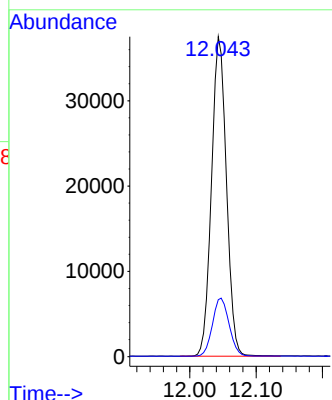
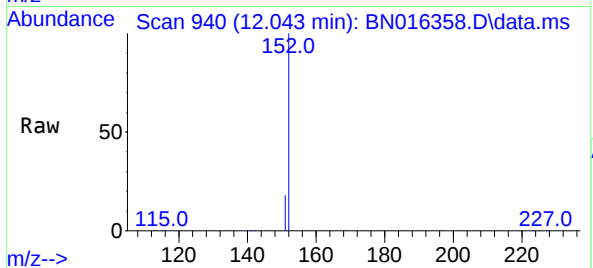




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.043 min Scan# 940
Delta R.T. -0.004 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

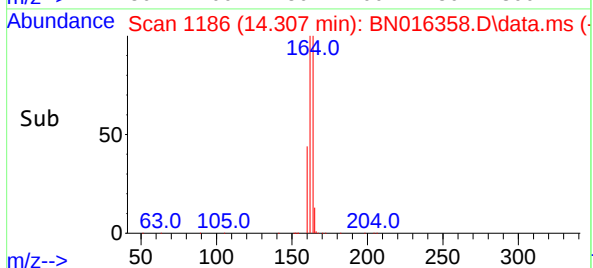
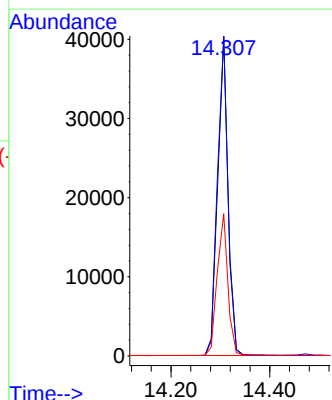
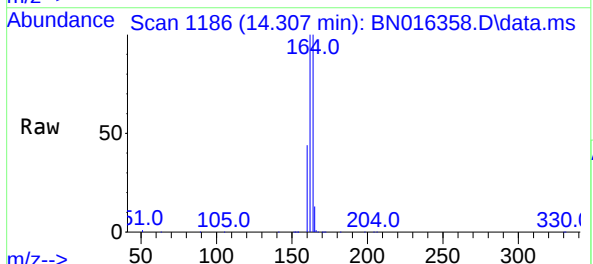
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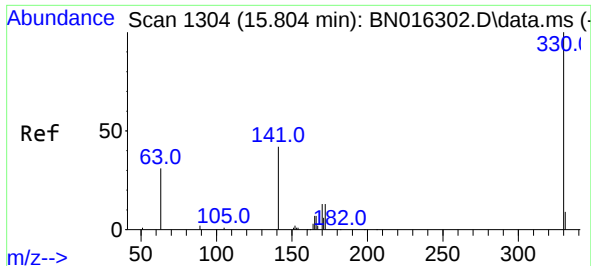
Tgt Ion:152 Resp: 58426
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

Tgt Ion:164 Resp: 58495
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.4
160 44.5 34.1 51.1

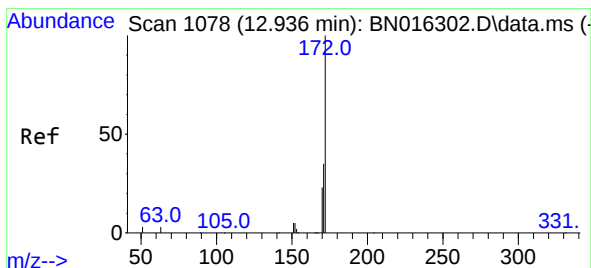
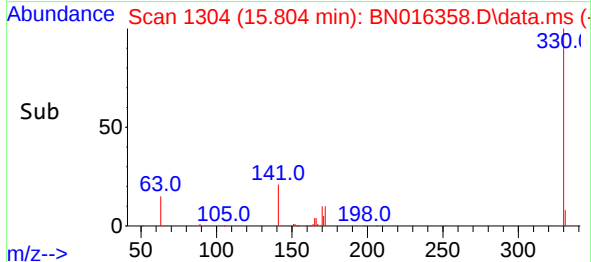
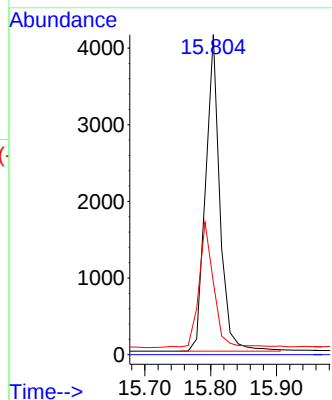
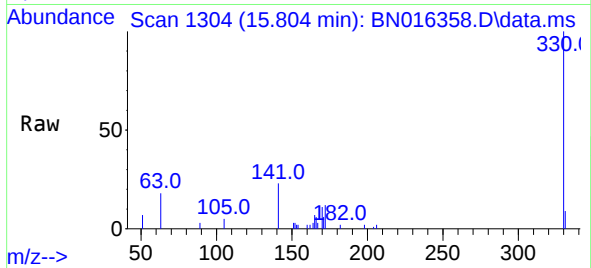




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

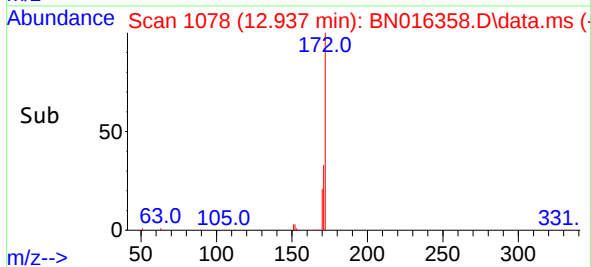
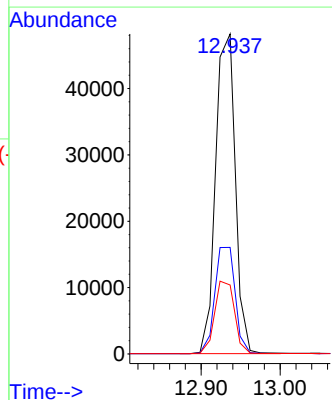
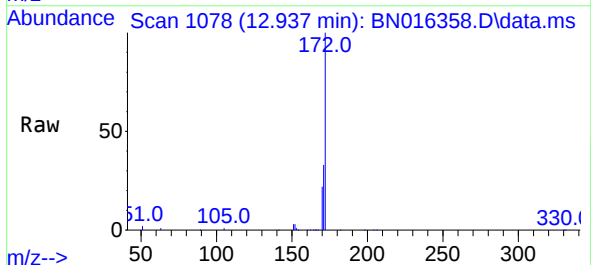
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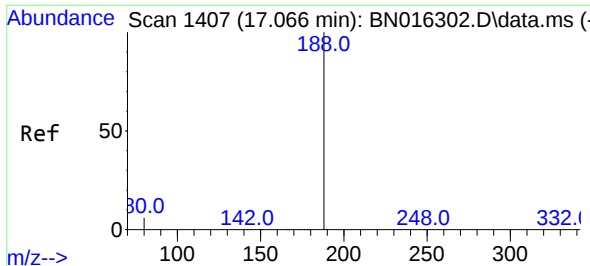
Tgt Ion:330 Resp: 6230
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.4 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

Tgt Ion:172 Resp: 83495
Ion Ratio Lower Upper
172 100
171 33.3 27.8 41.6
170 21.5 18.2 27.2

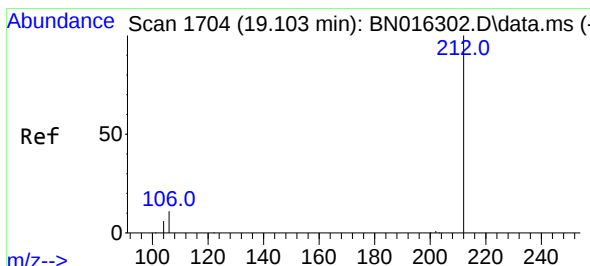
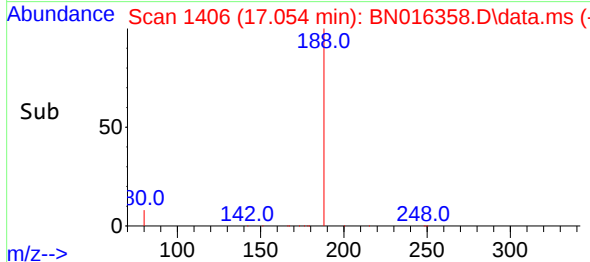
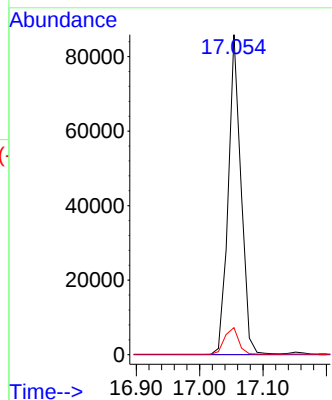
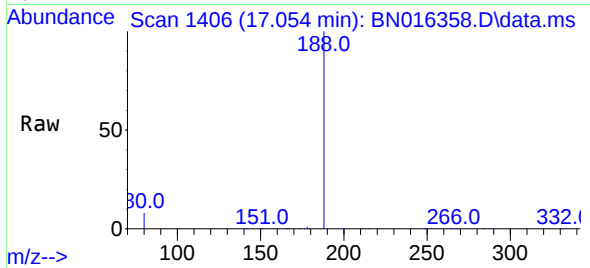




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

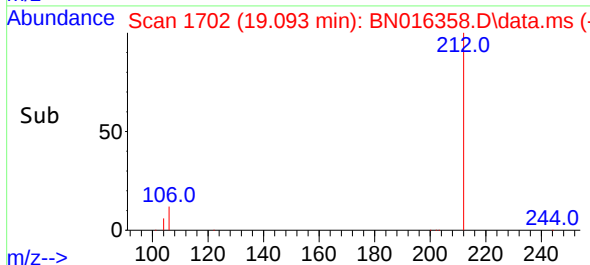
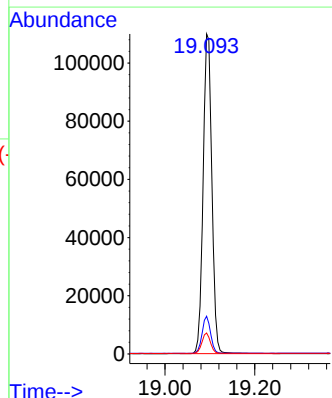
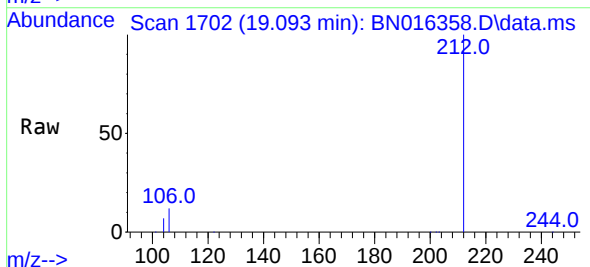
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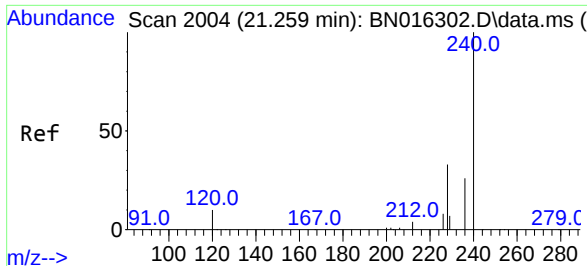
Tgt Ion:188 Resp: 119399
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.0 10.6



#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

Tgt Ion:212 Resp: 148916
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.2 5.4 8.2

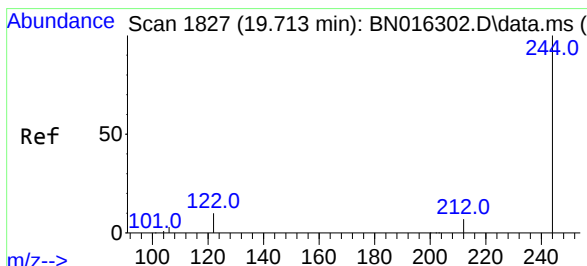
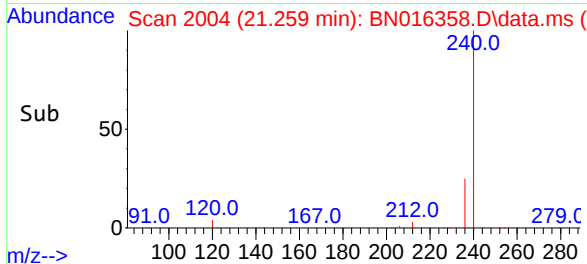
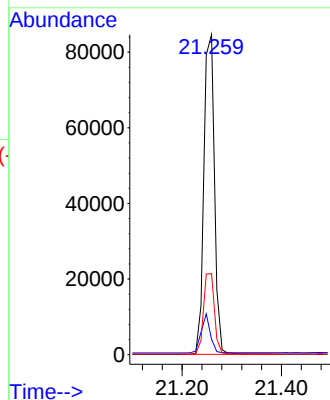
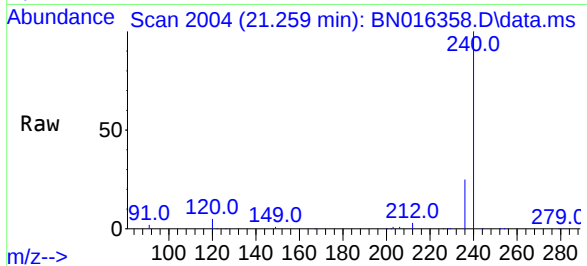




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

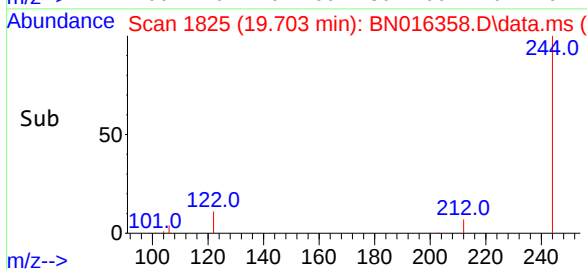
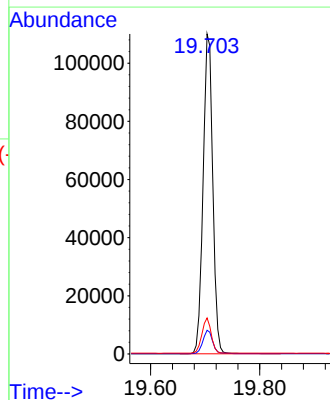
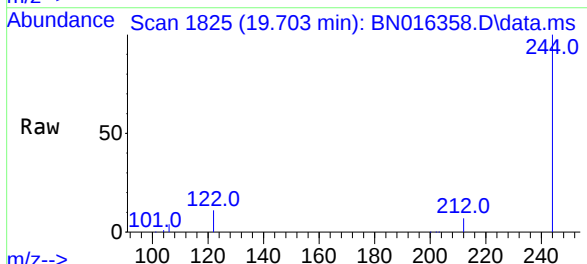
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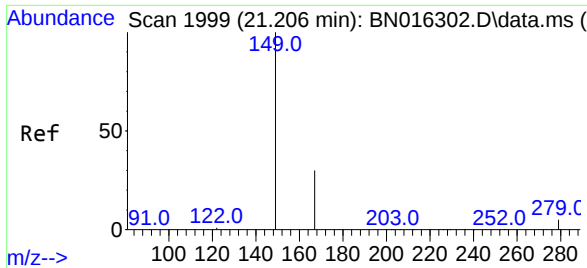
Tgt Ion:240 Resp: 125332
Ion Ratio Lower Upper
240 100
120 4.8 5.3 7.9#
236 25.3 19.8 29.8



#31
Terphenyl-d14
Concen: 0.467 ng
RT: 19.703 min Scan# 1825
Delta R.T. -0.005 min
Lab File: BN016358.D
Acq: 21 Sep 2021 00:47

Tgt Ion:244 Resp: 135498
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 11.3 9.0 13.4

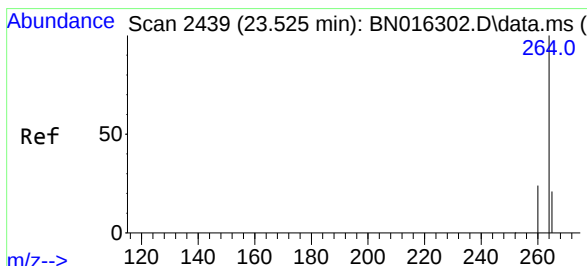
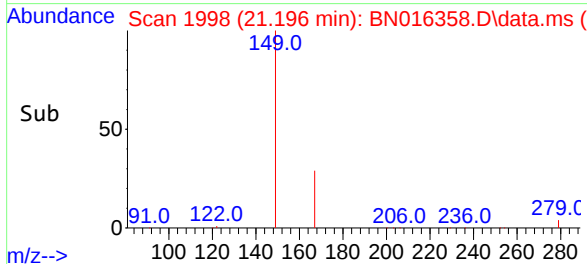
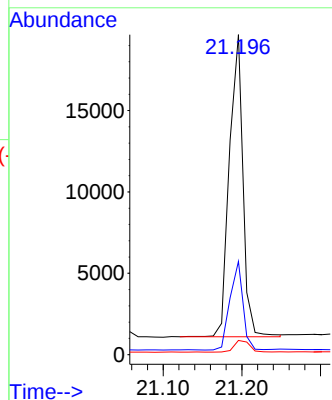
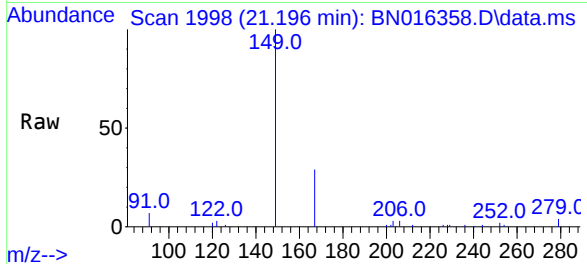




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016358.D
 Acq: 21 Sep 2021 00:47

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20210916

Tgt Ion:149 Resp: 22256
 Ion Ratio Lower Upper
 149 100
 167 28.0 23.4 35.0
 279 4.4 3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.010 min
 Lab File: BN016358.D
 Acq: 21 Sep 2021 00:47

Tgt Ion:264 Resp: 106844
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 28.3 23.7 35.5

