

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016657.D
 Acq On : 02 Oct 2021 05:46
 Operator : CG/JU
 Sample : M3829-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20210917

Quant Time: Oct 02 06:17:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

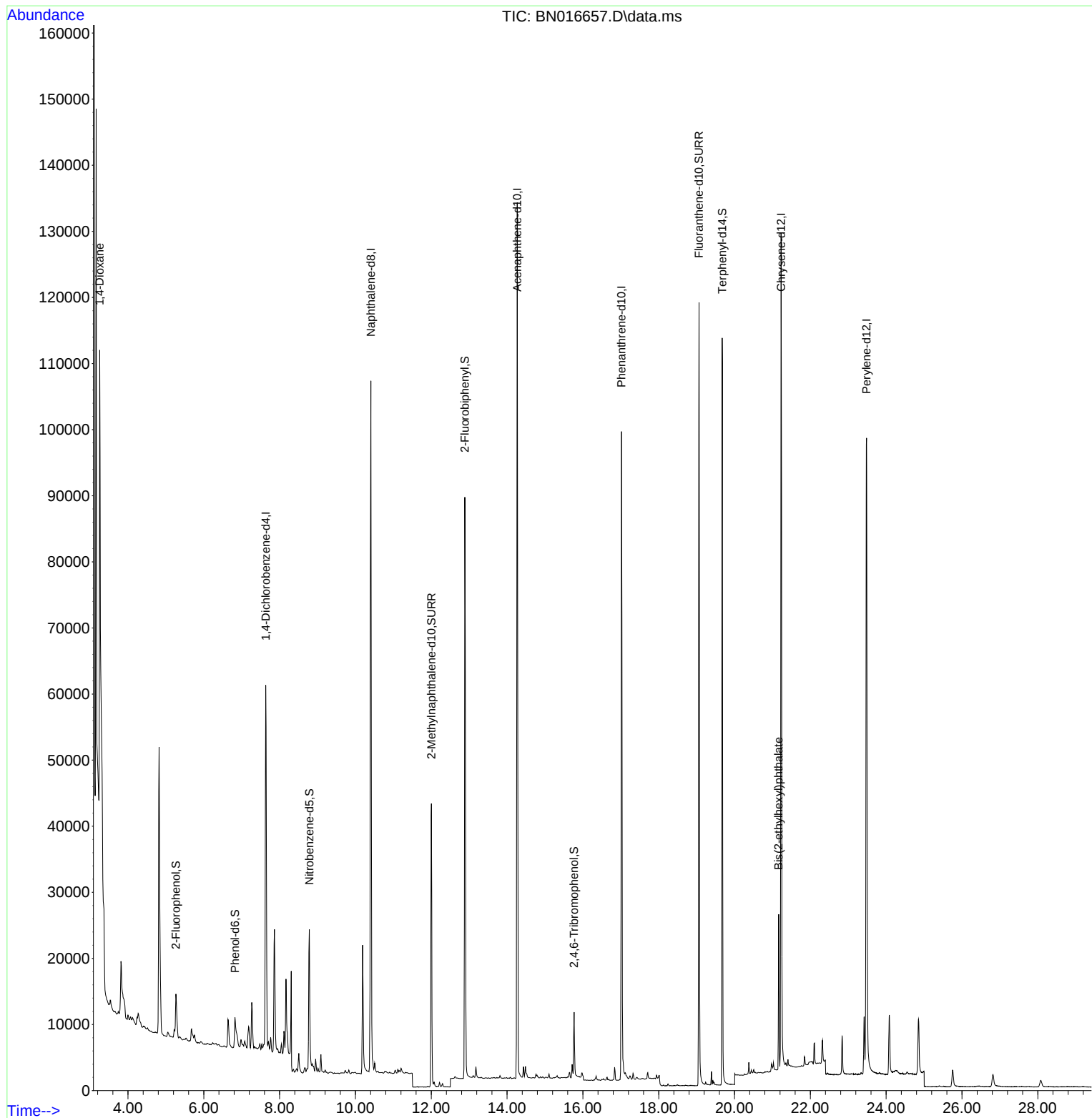
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	31331	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	142082	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	74618	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	139382	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	126485	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	134496	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	8562	0.11	ng	0.00
5) Phenol-d6	6.822	99	4999	0.06	ng	0.00
8) Nitrobenzene-d5	8.784	82	21673	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	59399	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8933	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	82360	0.27	ng	-0.01
27) Fluoranthene-d10	19.063	212	136569	0.37	ng	0.00
31) Terphenyl-d14	19.673	244	118938	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	48917	3.39	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.164	149	21334	0.14	ng	99

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

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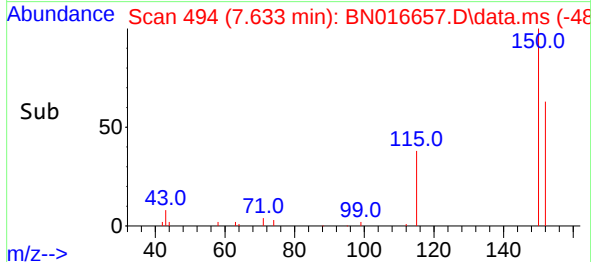
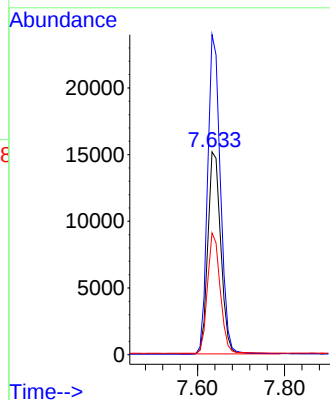
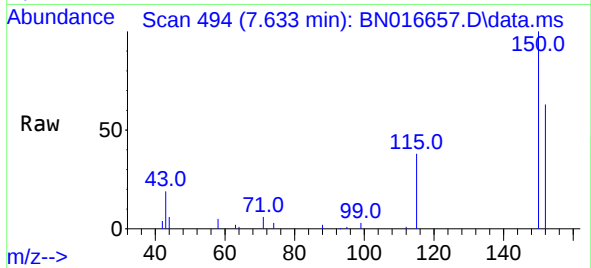




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.633 min Scan# 494
Delta R.T. -0.009 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

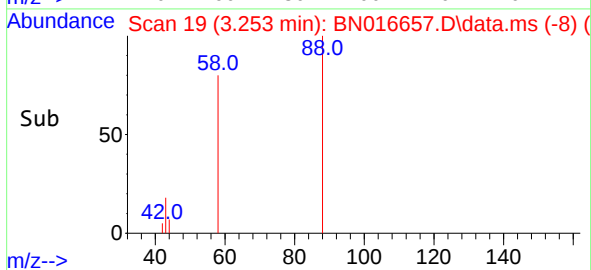
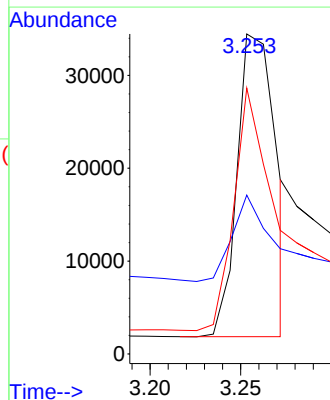
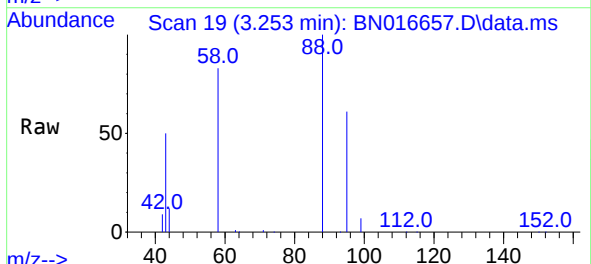
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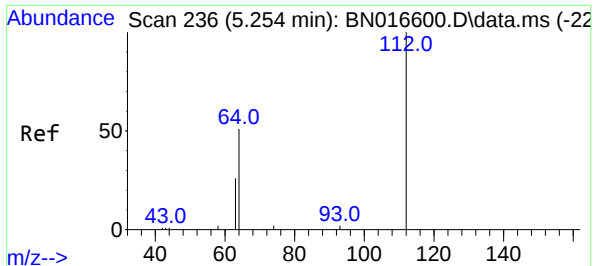
Tgt Ion:152 Resp: 31331
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.0 46.5 69.7



#2
1,4-Dioxane
Concen: 3.39 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Tgt Ion: 88 Resp: 48917
Ion Ratio Lower Upper
88 100
43 26.3 37.8 56.8#
58 73.5 61.3 91.9

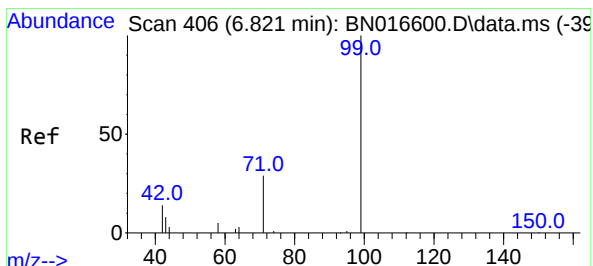
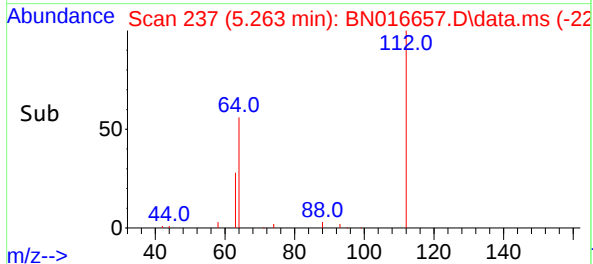
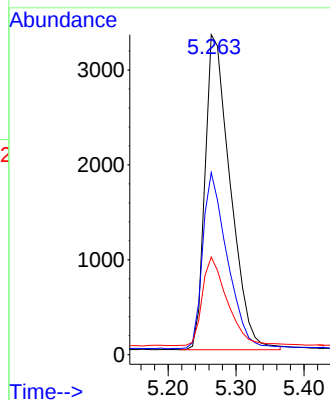
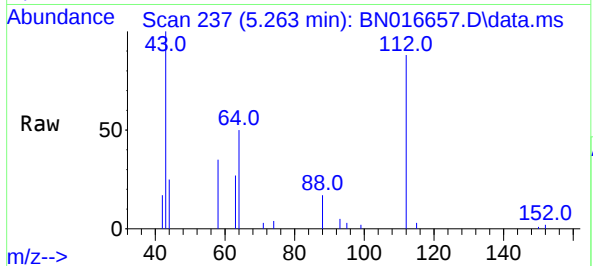




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

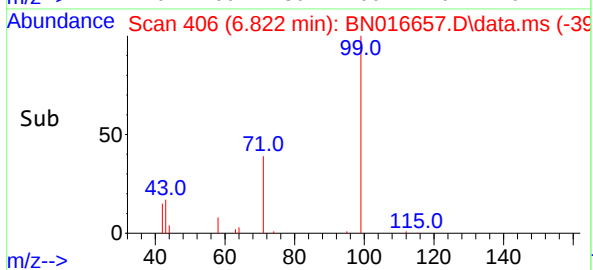
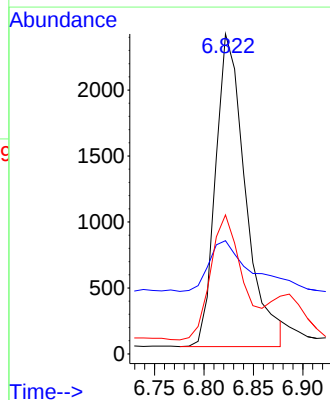
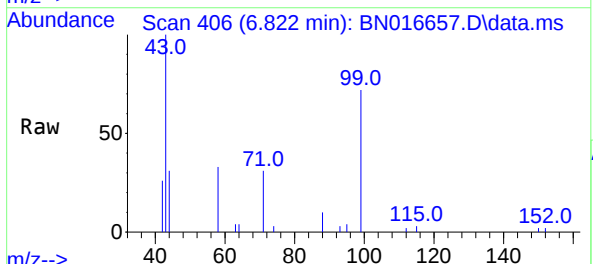
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RE108D1-20210917

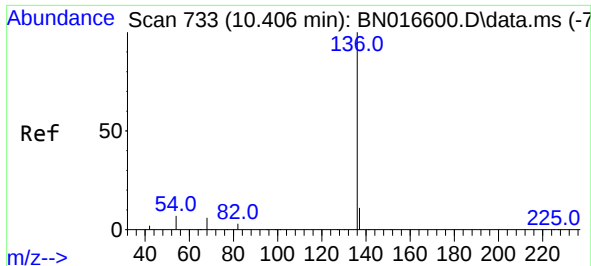
Tgt Ion:112 Resp: 8562
Ion Ratio Lower Upper
112 100
64 54.7 43.1 64.7
63 27.7 21.6 32.4



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

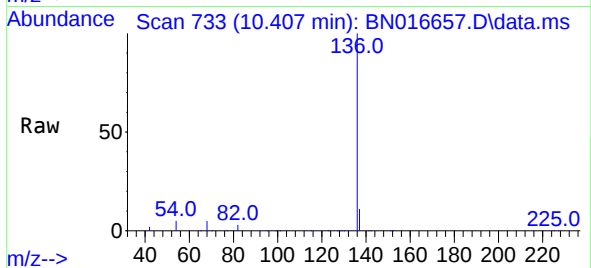
Tgt Ion: 99 Resp: 4999
Ion Ratio Lower Upper
99 100
42 21.4 13.0 19.6#
71 43.1 23.5 35.3#





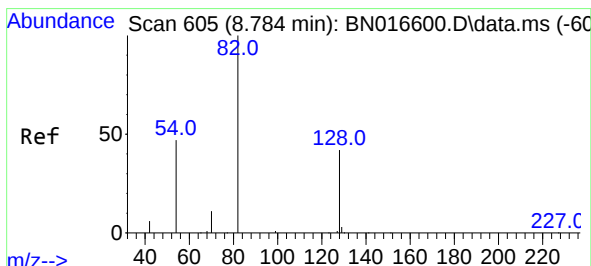
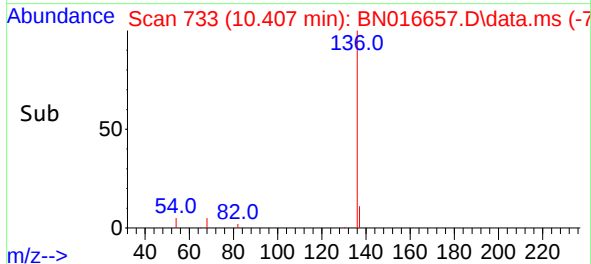
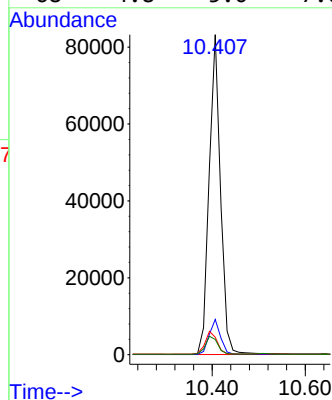
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 136 Resp: 142082

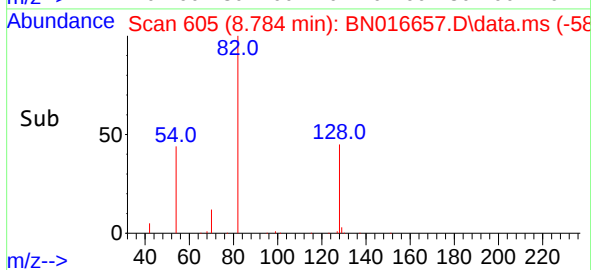
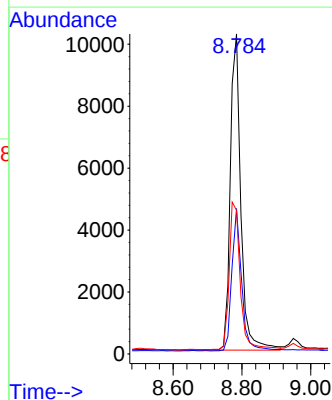
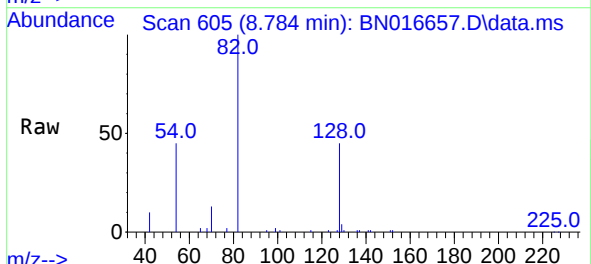
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.5	5.9	8.9#
68	4.8	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Tgt Ion: 82 Resp: 21673

Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.6	50.4
54	44.9	37.6	56.4

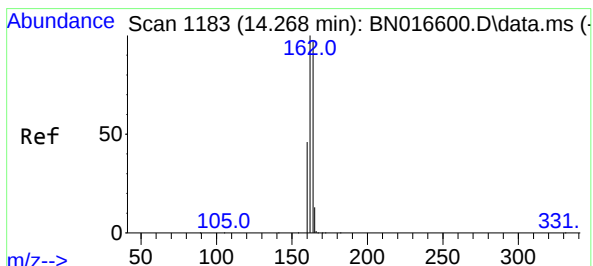
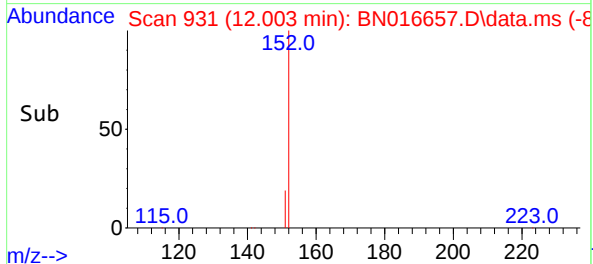
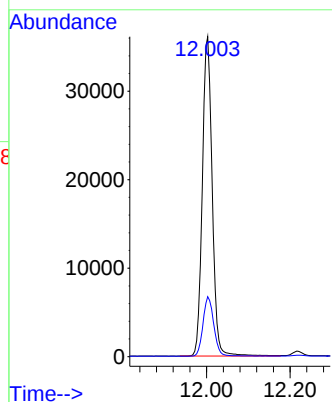
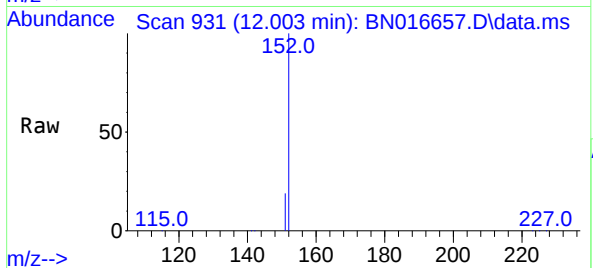




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

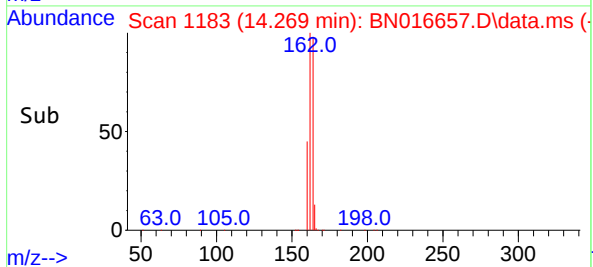
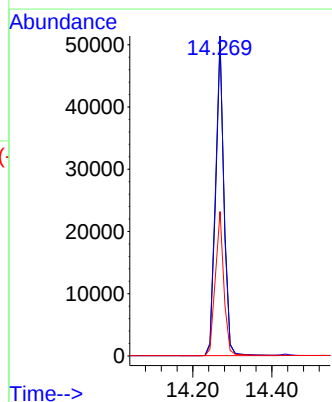
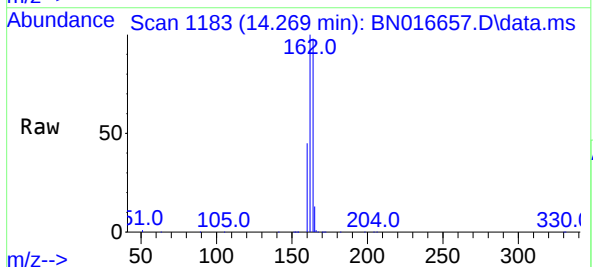
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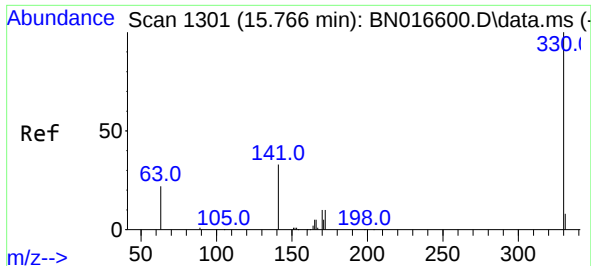
Tgt Ion:152 Resp: 59399
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Tgt Ion:164 Resp: 74618
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 45.9 37.7 56.5

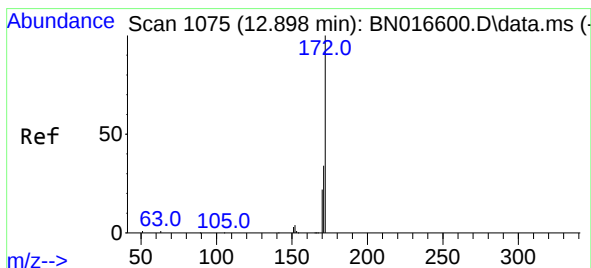
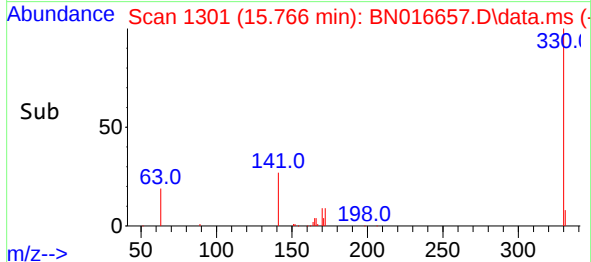
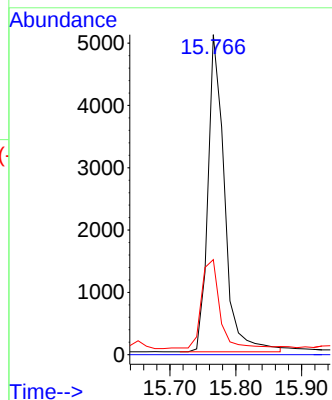
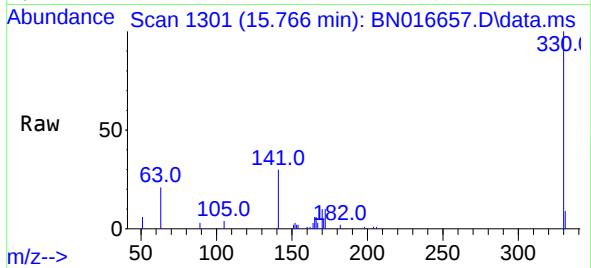




#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

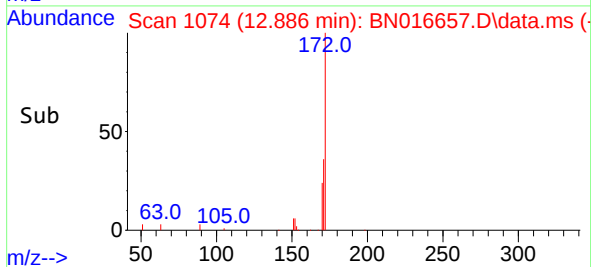
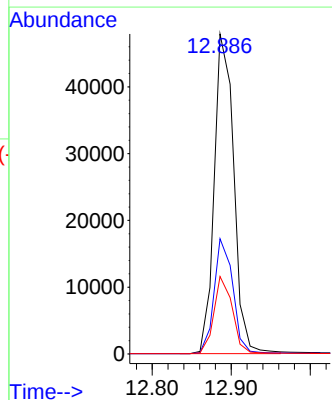
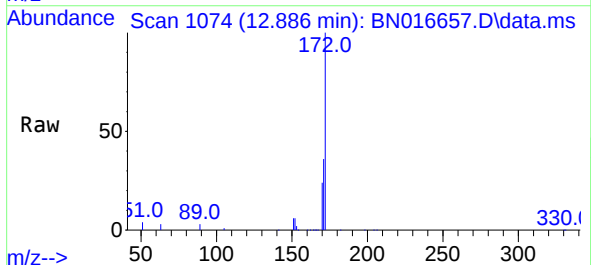
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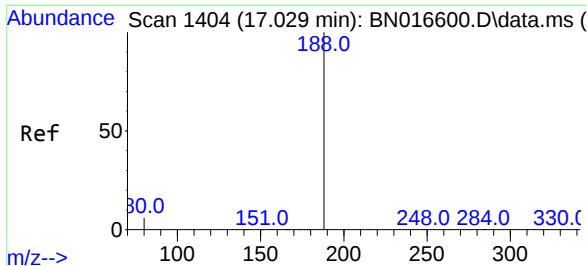
Tgt Ion:330 Resp: 8933
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.2 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Tgt Ion:172 Resp: 82360
Ion Ratio Lower Upper
172 100
171 36.0 27.0 40.4
170 24.2 17.4 26.2

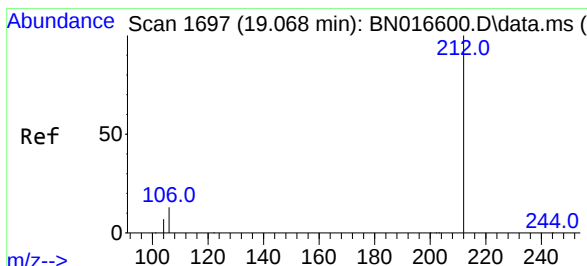
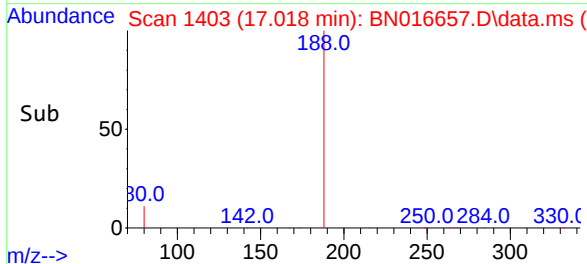
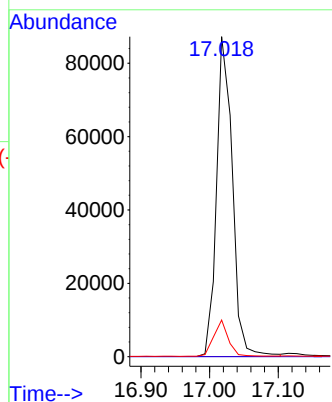
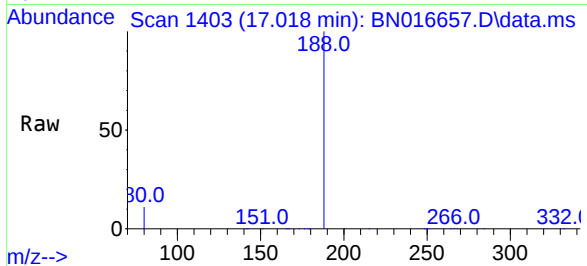




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

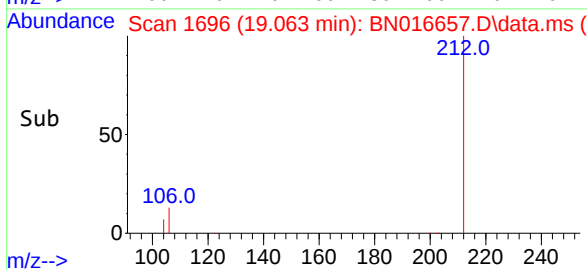
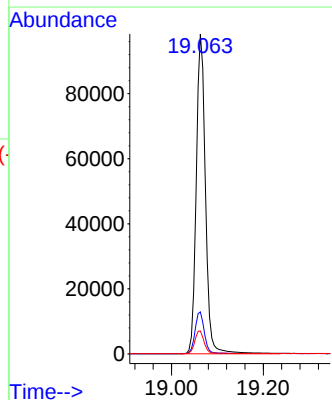
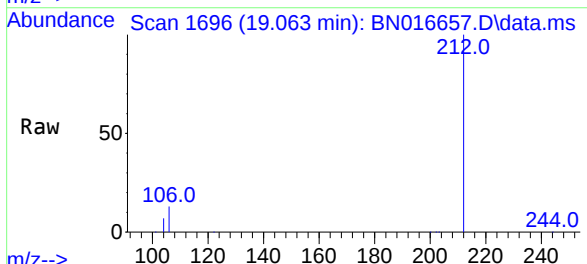
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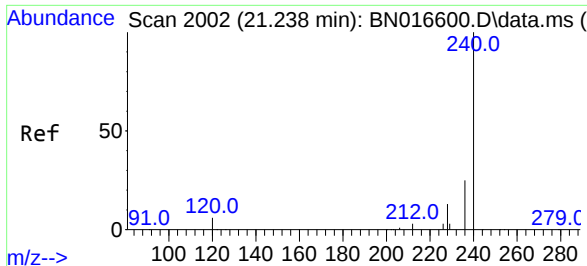
Tgt Ion:188 Resp: 139382
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 5.0 7.6#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Tgt Ion:212 Resp: 136569
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.1 5.9 8.9

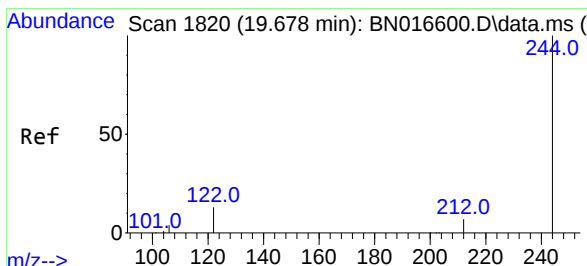
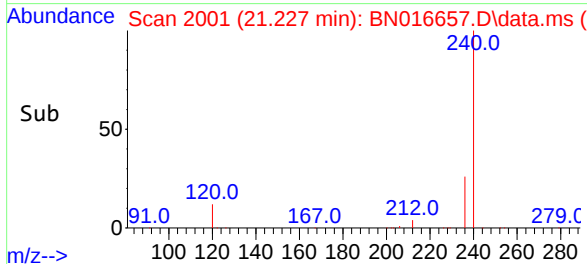
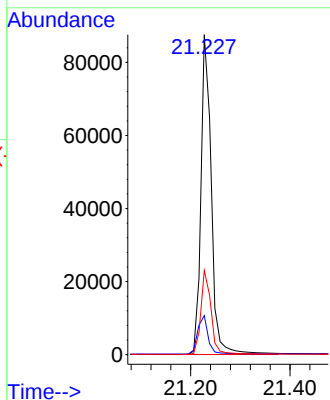
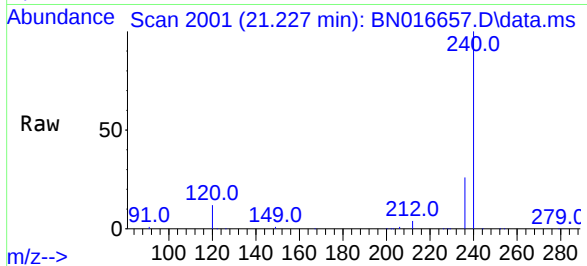




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

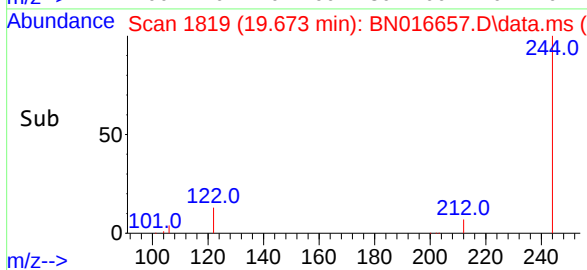
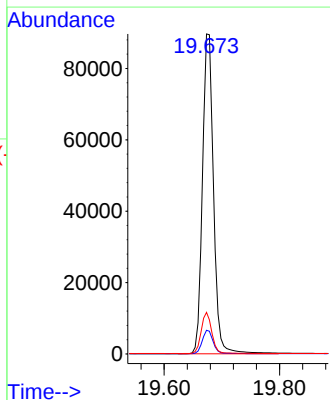
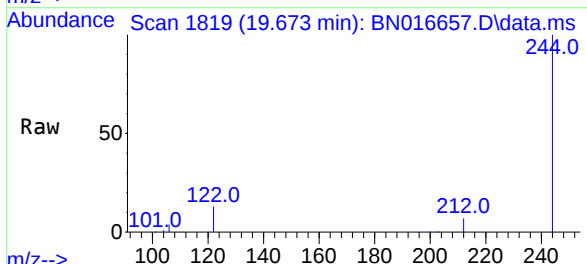
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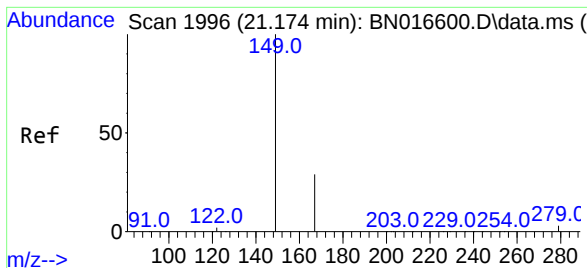
Tgt Ion:240 Resp: 126485
Ion Ratio Lower Upper
240 100
120 12.2 5.0 7.4#
236 26.3 20.4 30.6



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.673 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Tgt Ion:244 Resp: 118938
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.0 10.1 15.1

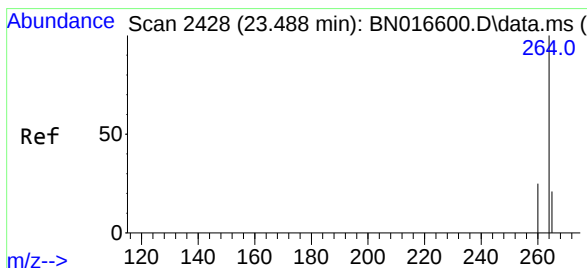
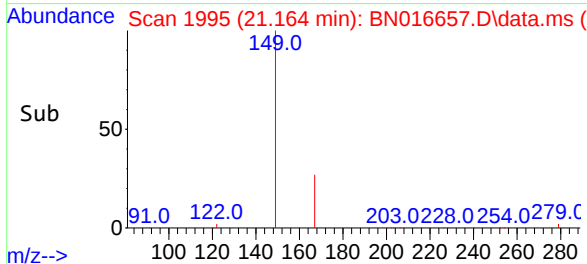
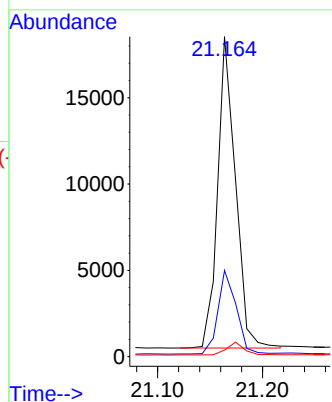
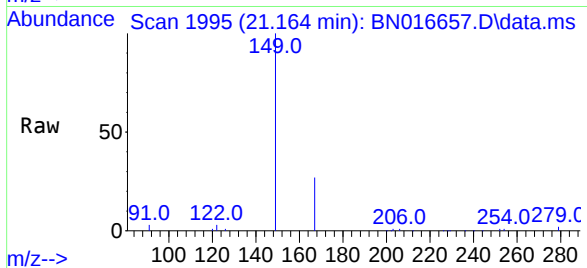




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:149 Resp: 21334
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.1 3.2 4.8



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016657.D
Acq: 02 Oct 2021 05:46

Tgt Ion:264 Resp: 134496
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 23.1 19.2 28.8

