

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013805.D
 Acq On : 02 Mar 2021 12:51
 Operator : CG/JU
 Sample : M1519-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW806-31-36-022621DL

Quant Time: Mar 02 13:20:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

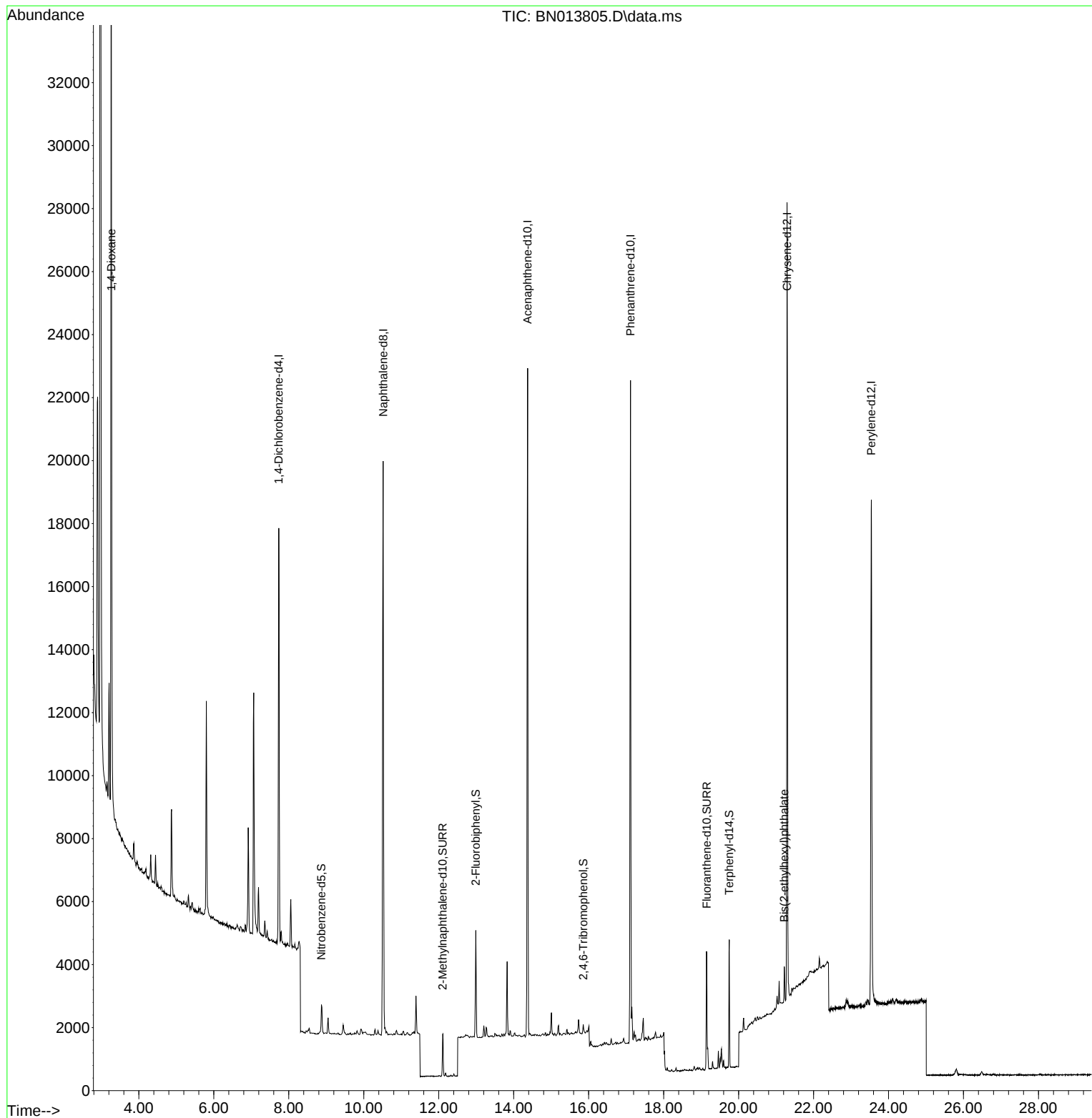
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	6137	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	23500	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	12435	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	27510	0.40	ng	#-0.01
29) Chrysene-d12	21.293	240	24525	0.40	ng	0.00
36) Perylene-d12	23.541	264	21582	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	281	0.02	ng	0.00
5) Phenol-d6	6.895	99	255	0.01	ng	0.00
8) Nitrobenzene-d5	8.870	82	814	0.05	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	1802	0.05	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	174	0.03	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	2703	0.06	ng	-0.01
27) Fluoranthene-d10	19.149	212	4283	0.05	ng	0.00
31) Terphenyl-d14	19.749	244	3904	0.07	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.263	88	17738	2.39	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	1223	0.03	ng	96

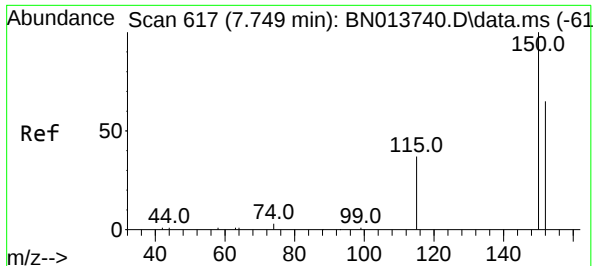
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

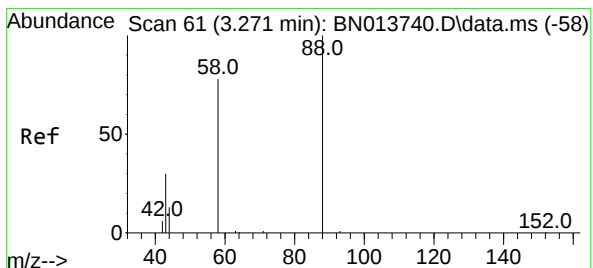
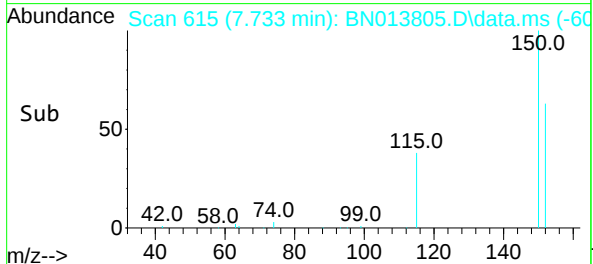
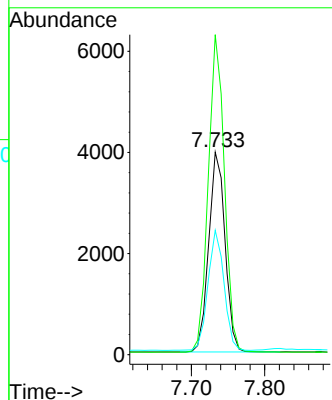
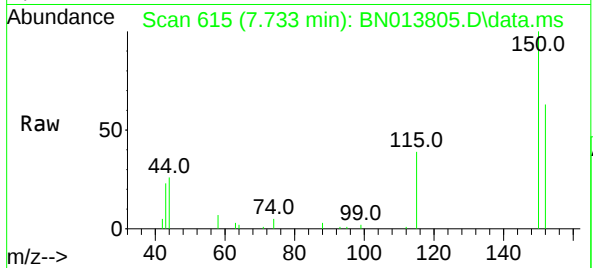




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.733 min Scan# 615
Delta R.T. -0.008 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

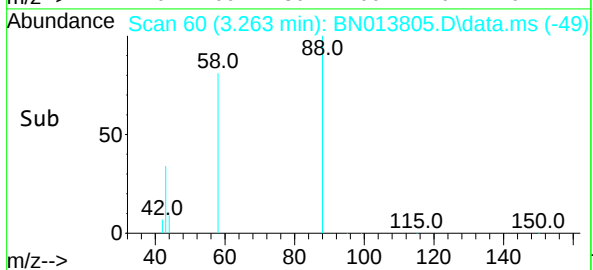
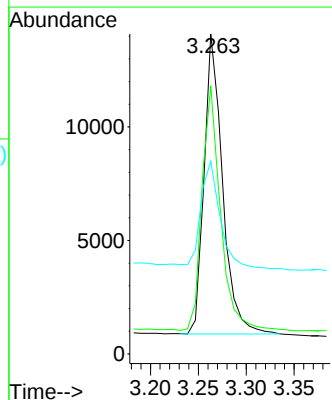
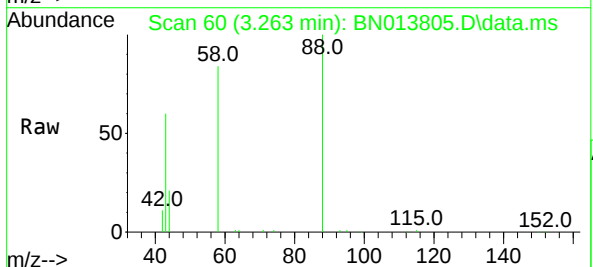
Instrument :
BNA_N
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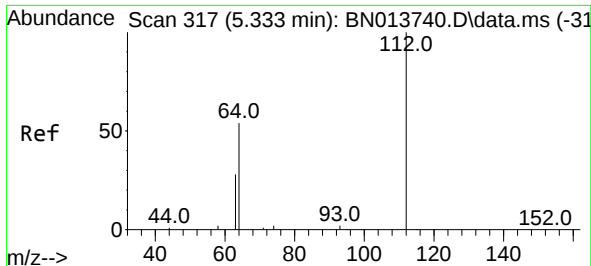
Tgt Ion:152 Resp: 6137
Ion Ratio Lower Upper
152 100
150 157.9 121.8 182.8
115 61.4 46.6 69.8



#2
1,4-Dioxane
Concen: 2.39 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

Tgt Ion: 88 Resp: 17738
Ion Ratio Lower Upper
88 100
58 81.8 64.6 96.8
43 37.8 26.6 40.0

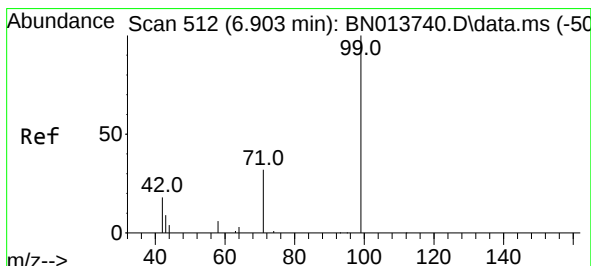
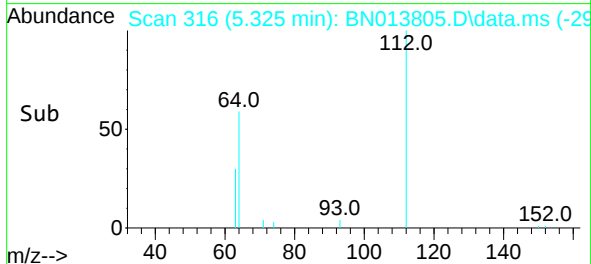
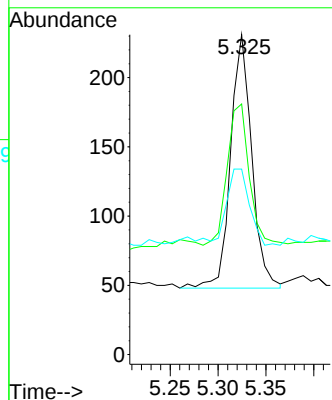
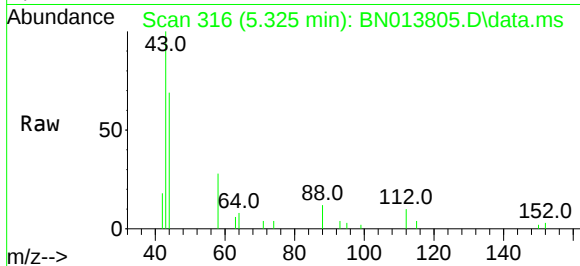




#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

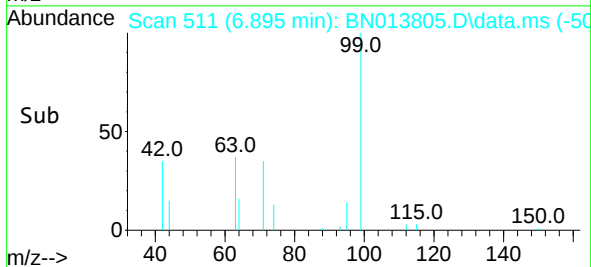
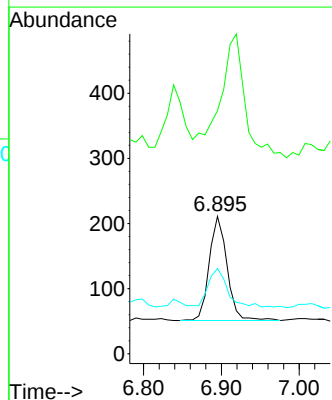
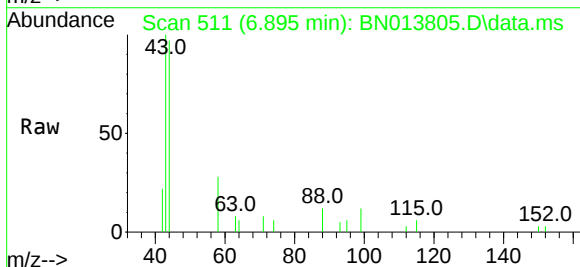
Instrument :
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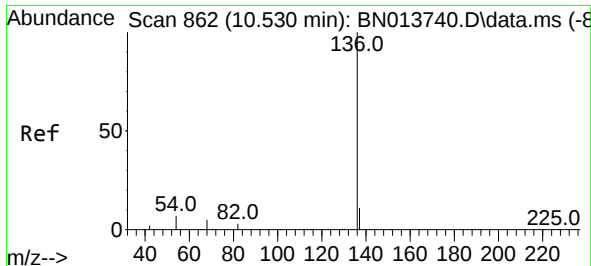
Tgt Ion:112 Resp: 281
Ion Ratio Lower Upper
112 100
64 58.7 44.3 66.5
63 32.7 23.0 34.6



#5
Phenol-d6
Concen: 0.01 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

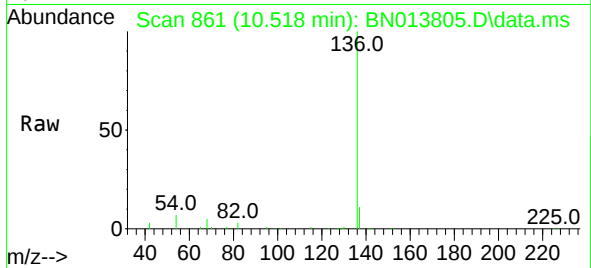
Tgt Ion: 99 Resp: 255
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 43.1 26.1 39.1#



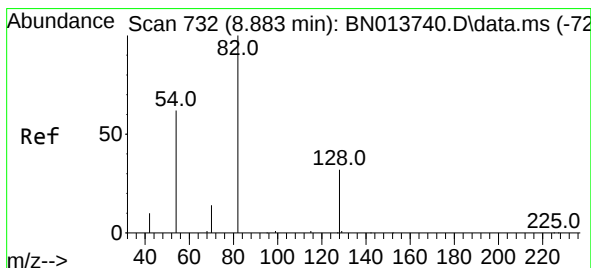
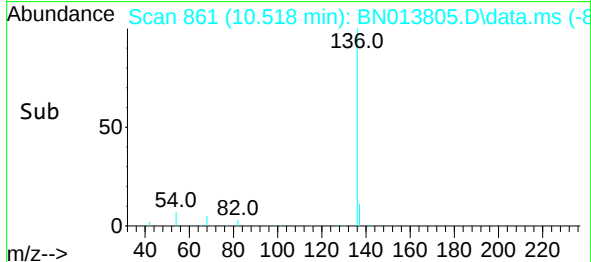
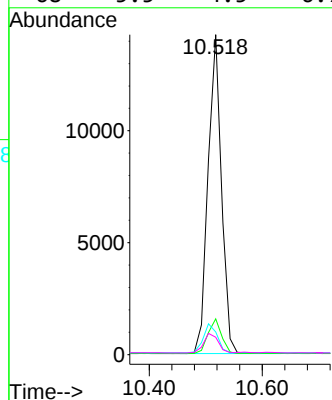


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621DL

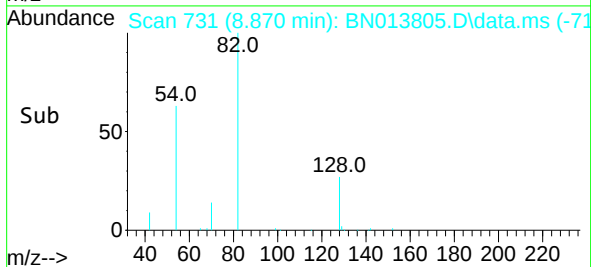
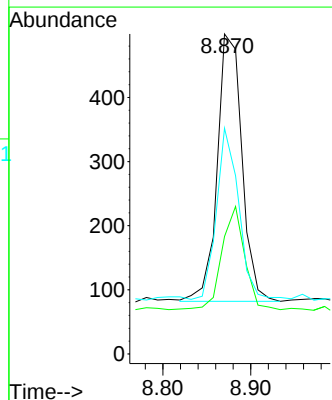
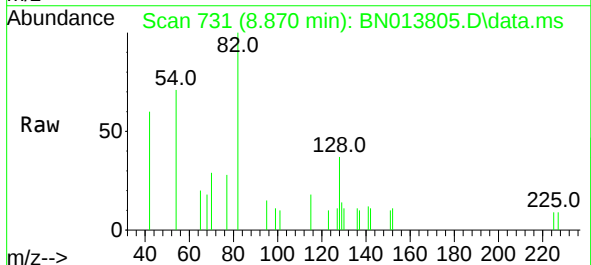


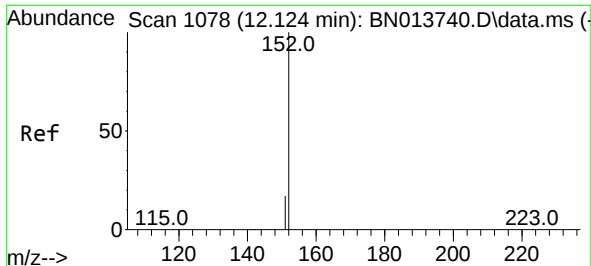
Tgt Ion:	136	Resp:	23500
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	7.1	6.4	9.6
68	5.5	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.05 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

Tgt Ion:	82	Resp:	814
Ion Ratio	Lower	Upper	
82	100		
128	36.7	39.2	58.8#
54	70.5	40.1	60.1#

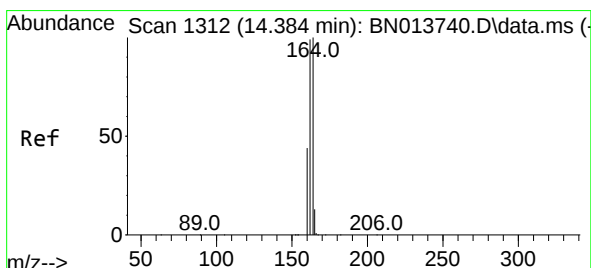
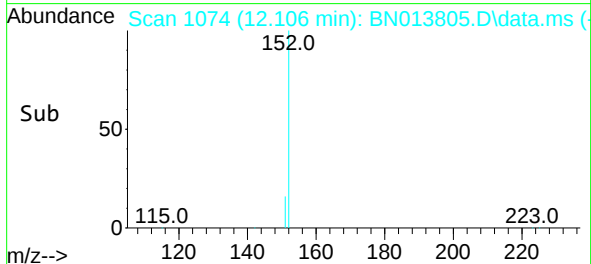
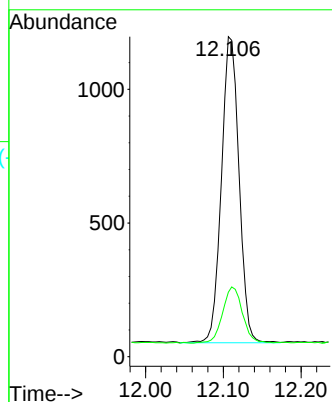
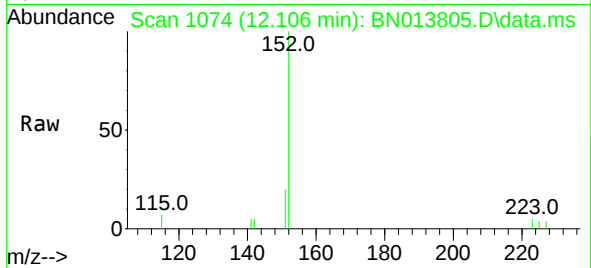




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.106 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

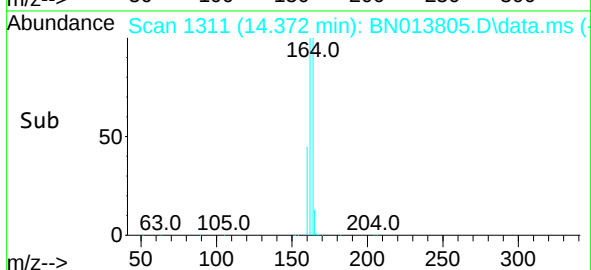
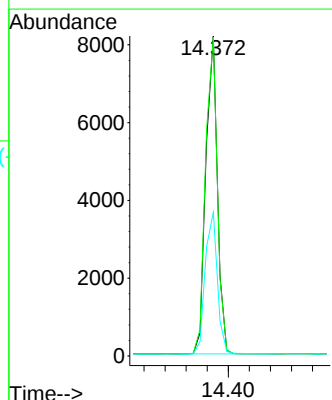
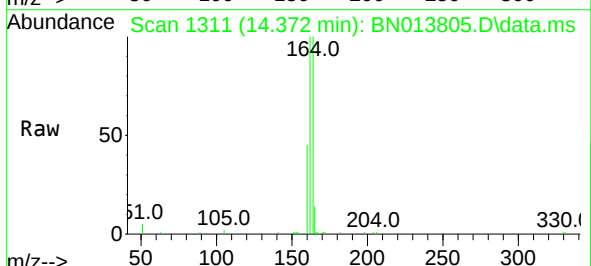
Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621DL

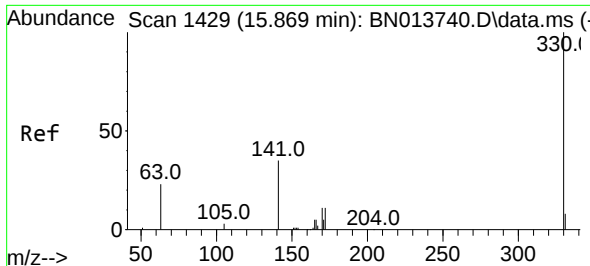
Tgt Ion:152 Resp: 1802
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

Tgt Ion:164 Resp: 12435
Ion Ratio Lower Upper
164 100
162 99.7 79.6 119.4
160 44.9 36.0 54.0

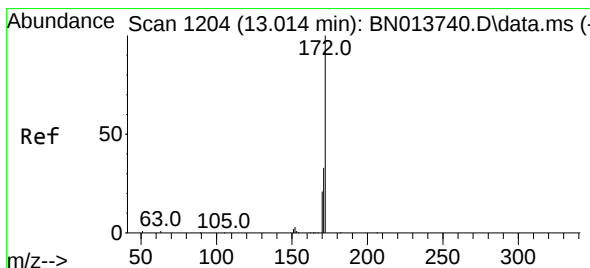
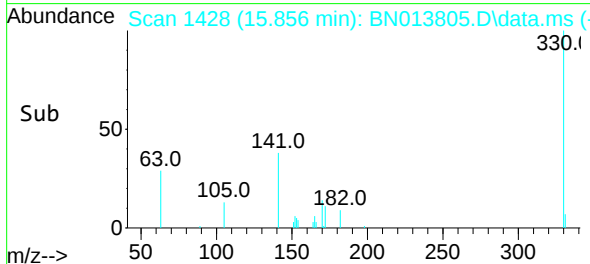
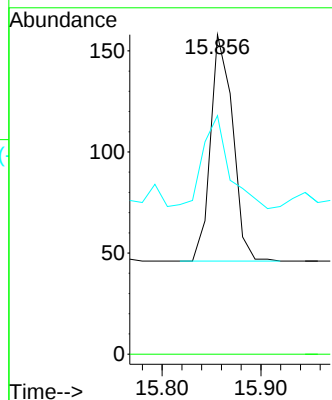
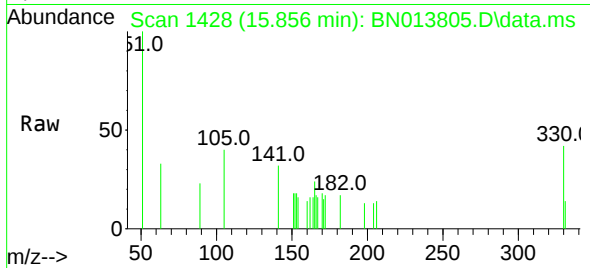




#14
2,4,6-Tribromophenol
Concen: 0.03 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

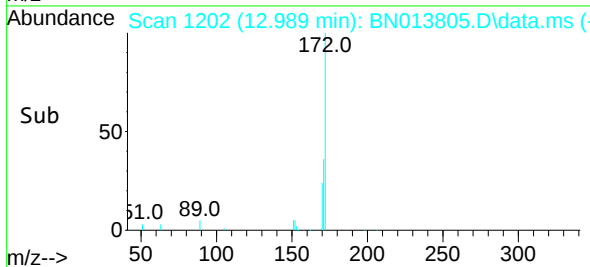
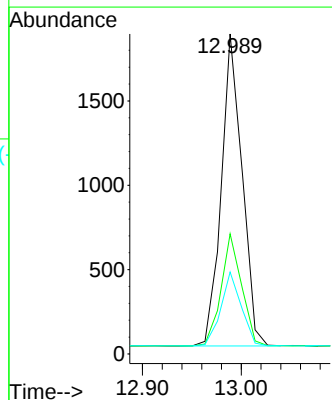
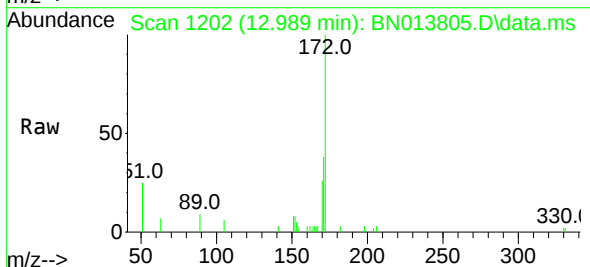
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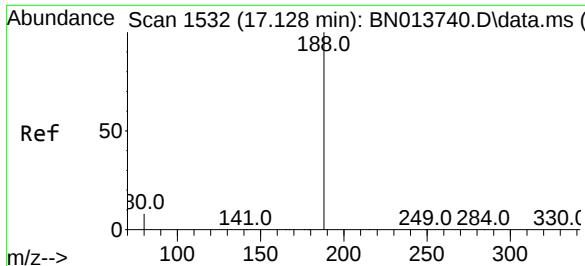
Tgt Ion:330 Resp: 174
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.0 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

Tgt Ion:172 Resp: 2703
Ion Ratio Lower Upper
172 100
171 37.5 28.6 42.8
170 25.6 18.9 28.3

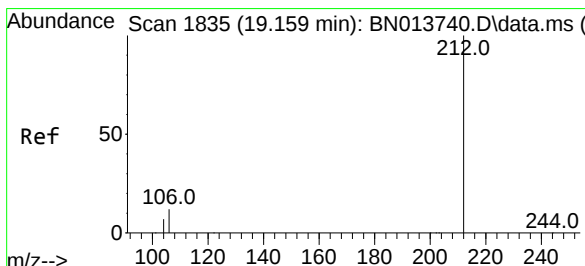
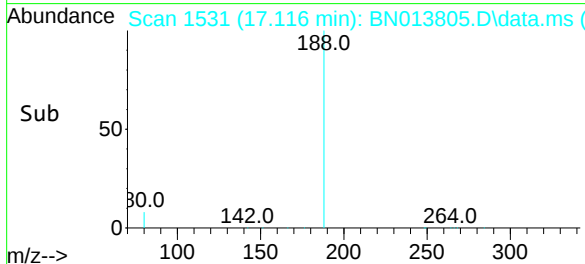
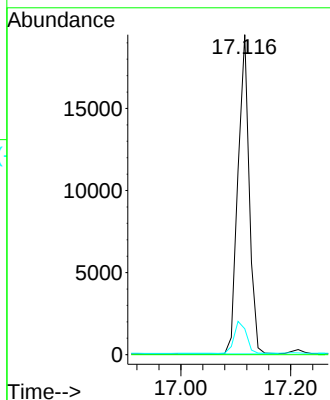
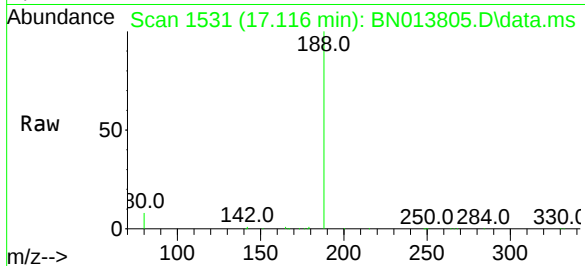




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

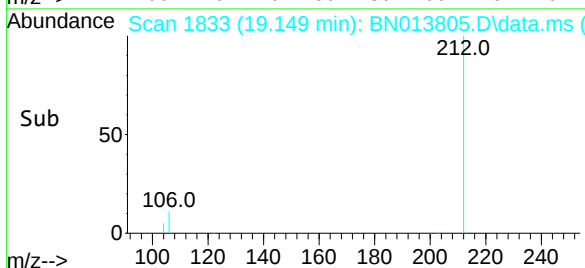
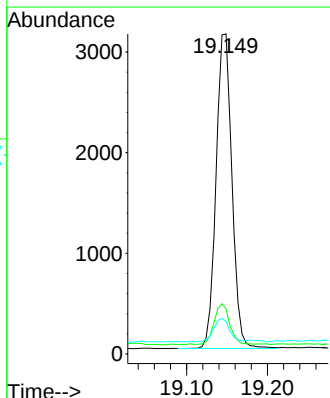
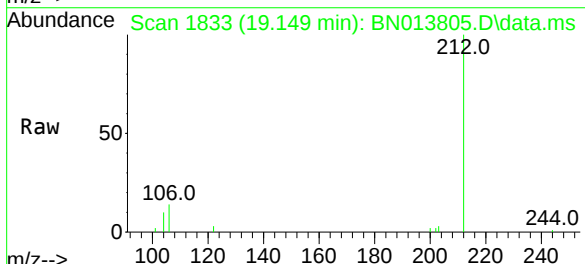
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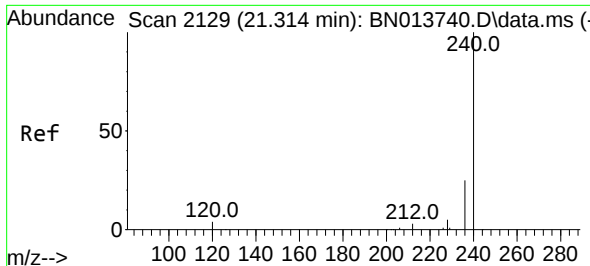
Tgt Ion:188 Resp: 27510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.05 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

Tgt Ion:212 Resp: 4283
Ion Ratio Lower Upper
212 100
106 12.4 9.7 14.5
104 7.3 5.5 8.3

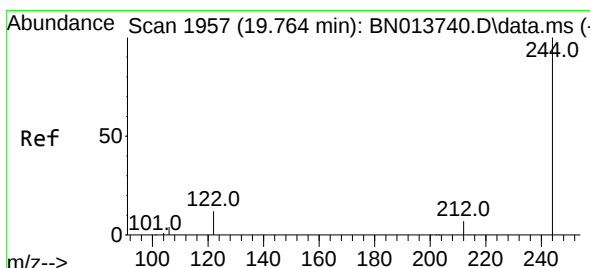
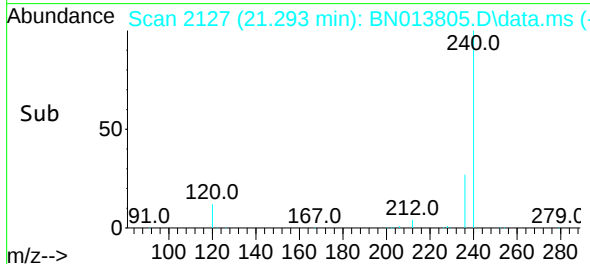
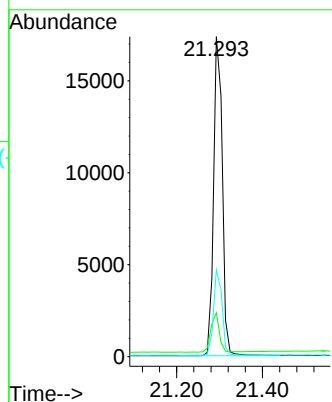
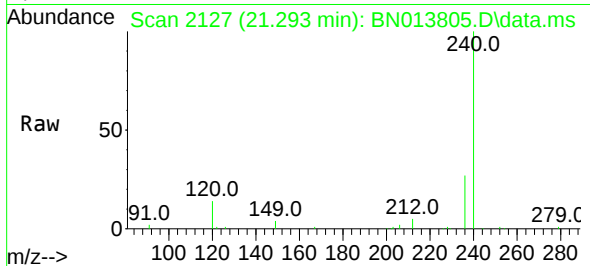




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

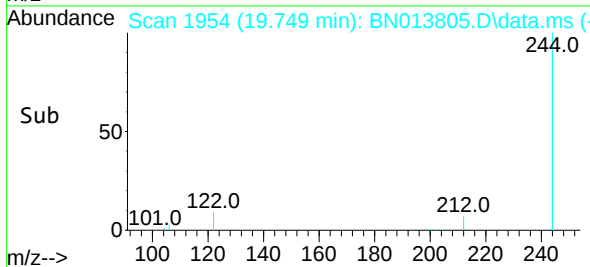
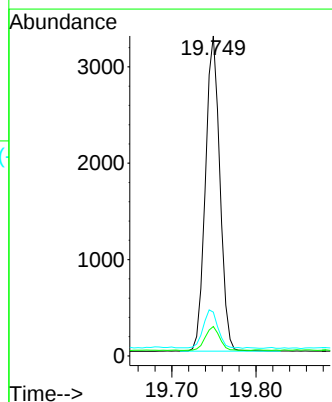
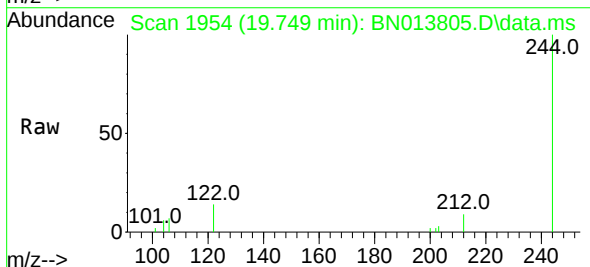
Instrument :
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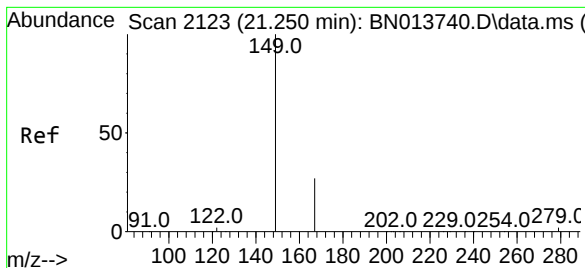
Tgt Ion:	240	Resp:	24525
Ion Ratio	Lower	Upper	
240	100		
120	13.7	10.2	15.4
236	27.1	21.3	31.9



#31
Terphenyl-d14
Concen: 0.07 ng
RT: 19.749 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BN013805.D
Acq: 02 Mar 2021 12:51

Tgt Ion:	244	Resp:	3904
Ion Ratio	Lower	Upper	
244	100		
212	9.2	6.1	9.1#
122	13.7	9.8	14.8



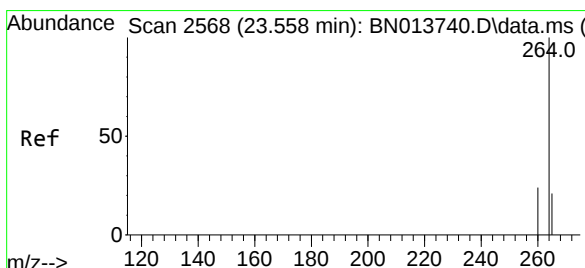
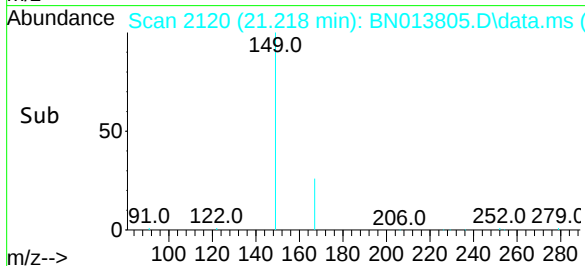
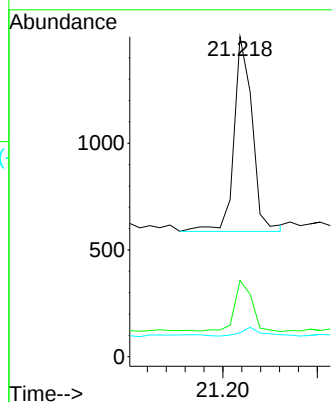
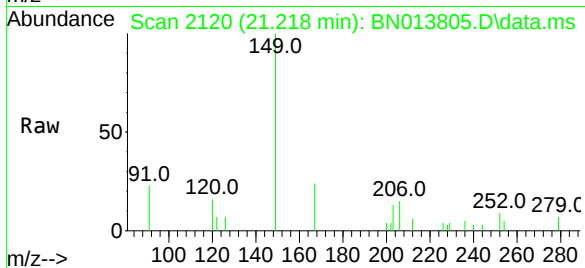


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.218 min Scan# 2120
 Delta R.T. -0.019 min
 Lab File: BN013805.D
 Acq: 02 Mar 2021 12:51

Instrument :
 BNA_N
 ClientSampleId :
 GW806-31-36-022621DL

Tgt Ion:149 Resp: 1223

Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.1	33.1
279	4.9	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.541 min Scan# 2563
 Delta R.T. -0.011 min
 Lab File: BN013805.D
 Acq: 02 Mar 2021 12:51

Tgt Ion:264 Resp: 21582

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	34.9	66.2	99.4#

