

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016641.D
 Acq On : 01 Oct 2021 18:21
 Operator : CG/JU
 Sample : M3833-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20210920

Quant Time: Oct 02 00:52:42 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)

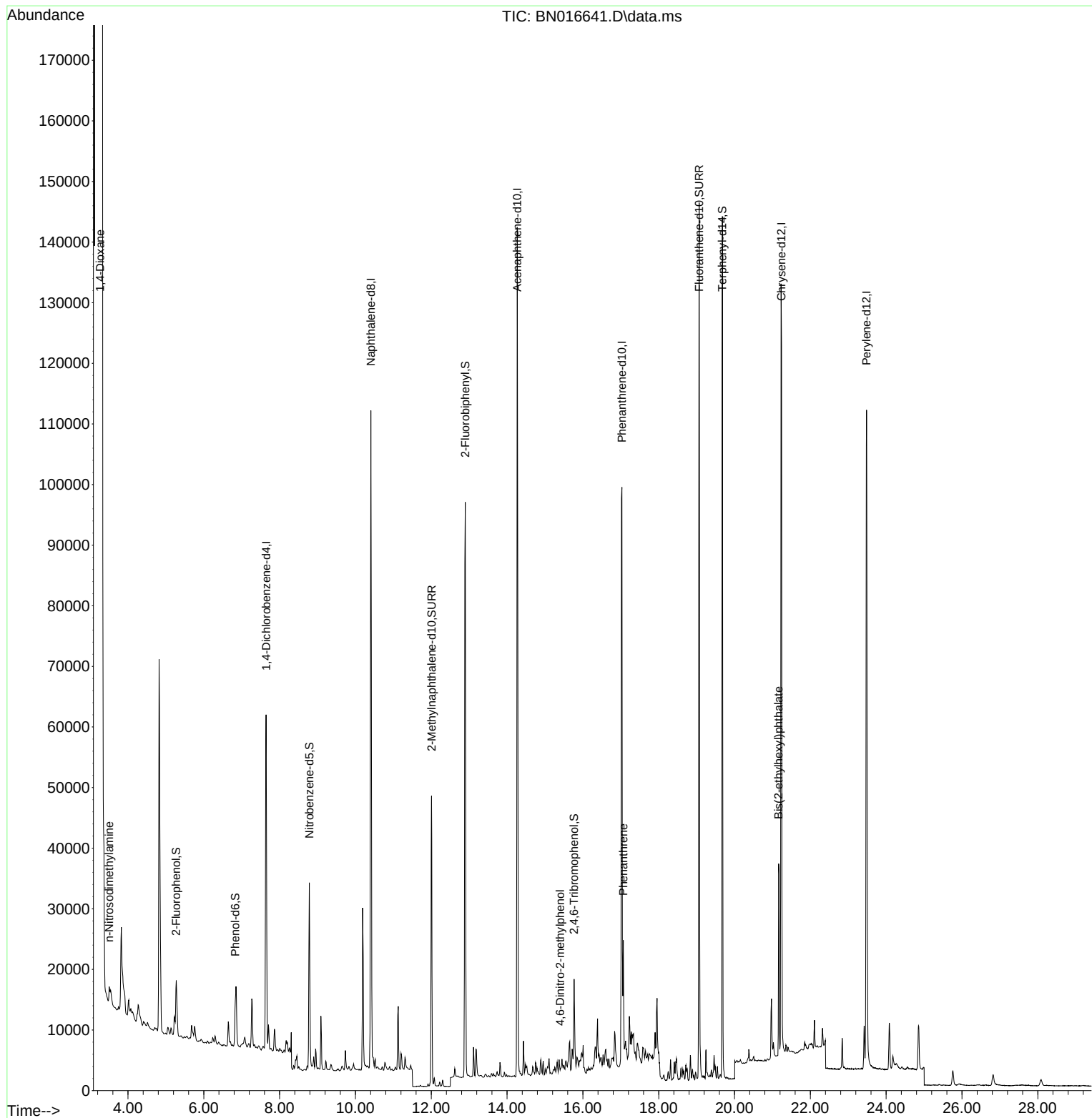
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31861	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	145794	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	78878	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	148596	0.400	ng	0.00
29) Chrysene-d12	21.238	240	139298	0.400	ng	0.00
35) Perylene-d12	23.481	264	146241	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	11534	0.142	ng	0.02
5) Phenol-d6	6.831	99	7243	0.082	ng	0.00
8) Nitrobenzene-d5	8.784	82	27254	0.287	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	66498	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11589	0.323	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	91322	0.286	ng	0.00
27) Fluoranthene-d10	19.068	212	161552	0.409	ng	0.00
31) Terphenyl-d14	19.679	244	137953	0.455	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.263	88	76281	5.202	ng	# 86
3) n-Nitrosodimethylamine	3.502	42	1510	0.064	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.398	198	11	0.137	ng	# 1
25) Phenanthrene	17.066	178	20814	0.047	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.164	149	34719	0.204	ng	99

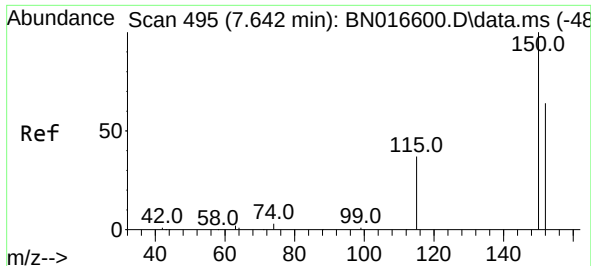
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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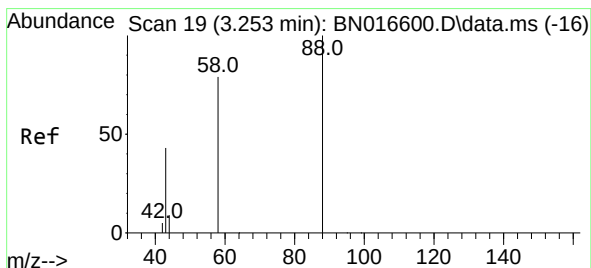
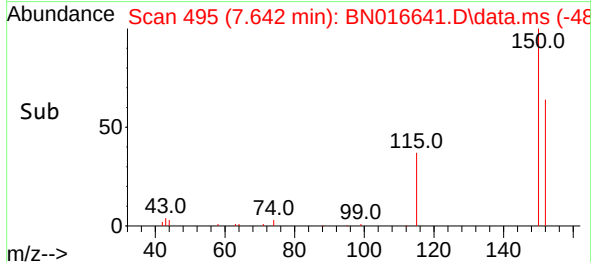
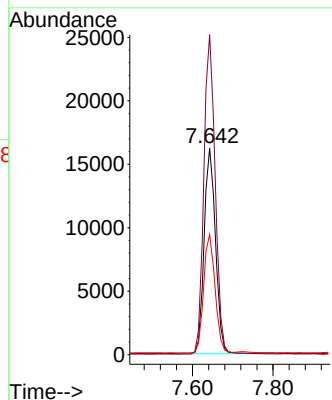
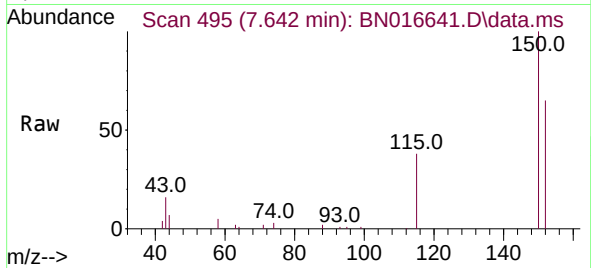




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016641.D
 Acq: 01 Oct 2021 18:21

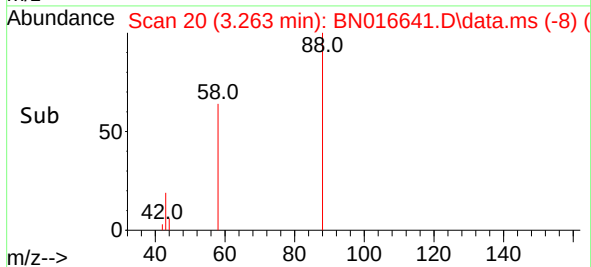
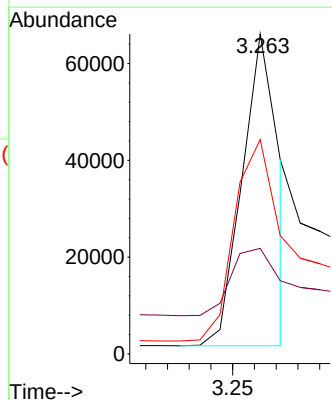
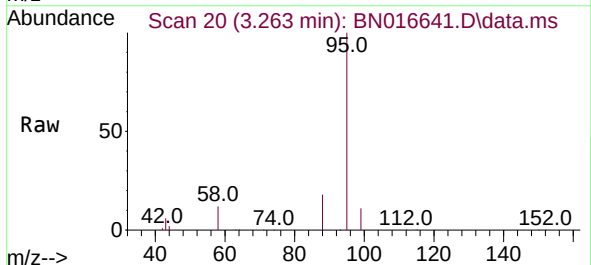
Instrument :
 BNA_N
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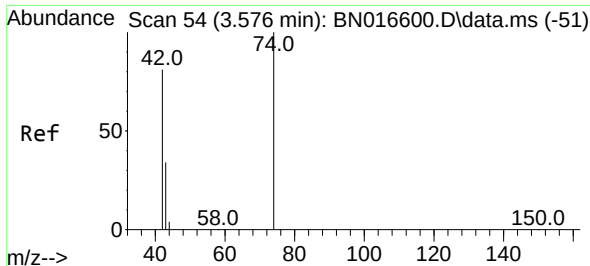
Tgt Ion:152 Resp: 31861
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 58.2 46.5 69.7



#2
 1,4-Dioxane
 Concen: 5.202 ng
 RT: 3.263 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: BN016641.D
 Acq: 01 Oct 2021 18:21

Tgt Ion: 88 Resp: 76281
 Ion Ratio Lower Upper
 88 100
 43 26.5 37.8 56.8#
 58 73.9 61.3 91.9

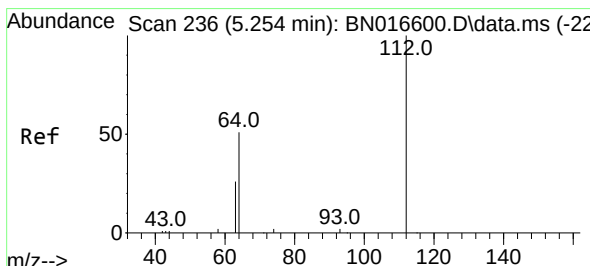
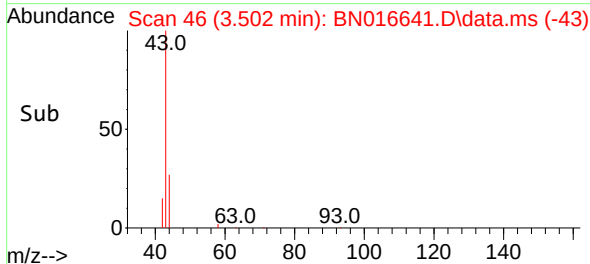
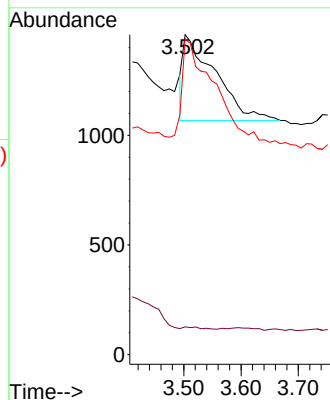
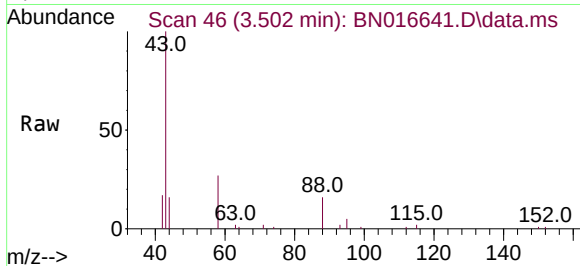




#3
n-Nitrosodimethylamine
Concen: 0.064 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

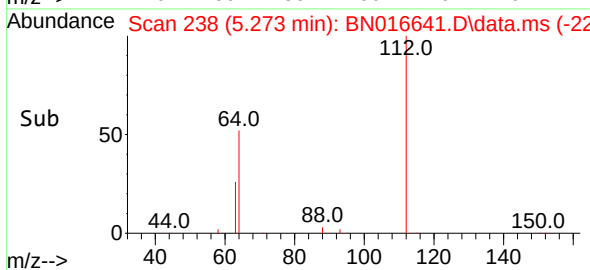
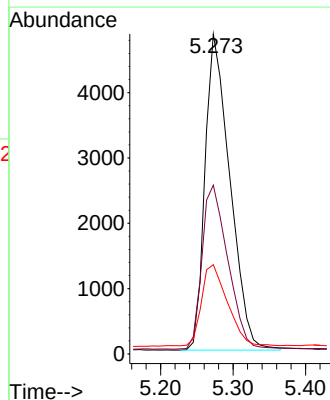
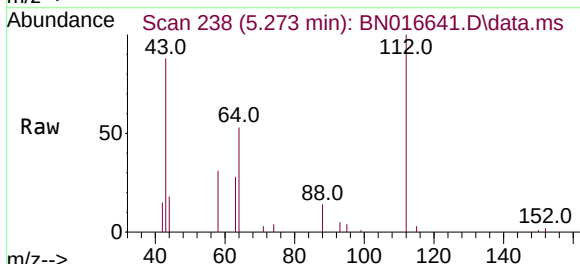
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920

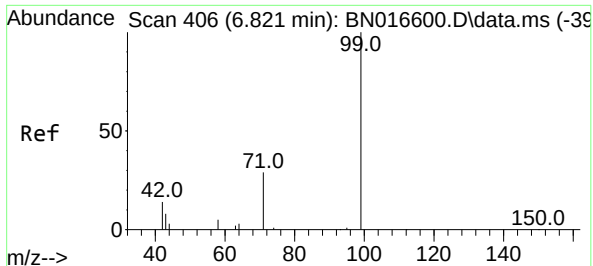
Tgt Ion: 42 Resp: 1510
Ion Ratio Lower Upper
42 100
74 1.3 121.6 182.4#
44 119.4 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

Tgt Ion: 112 Resp: 11534
Ion Ratio Lower Upper
112 100
64 53.8 43.1 64.7
63 27.4 21.6 32.4

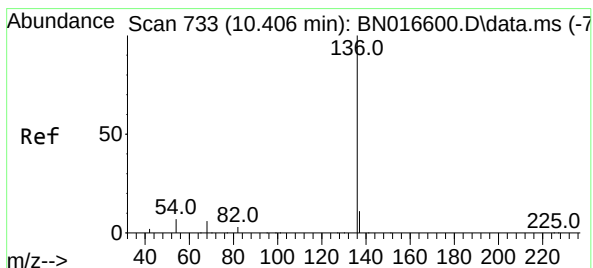
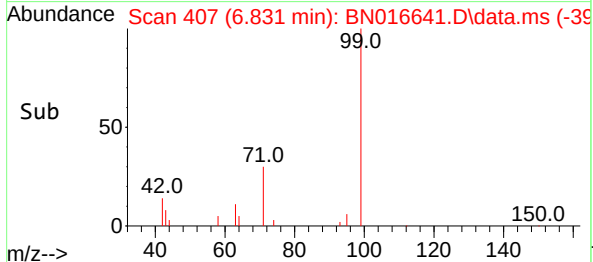
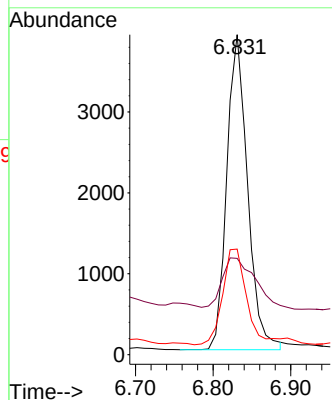
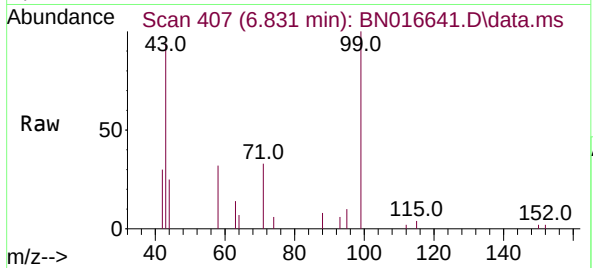




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

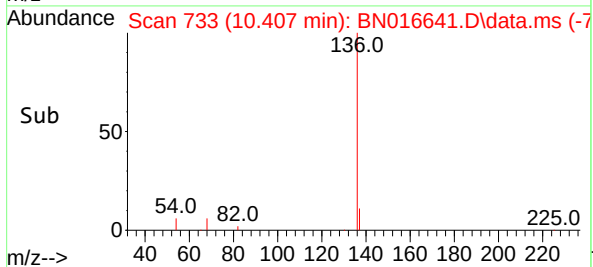
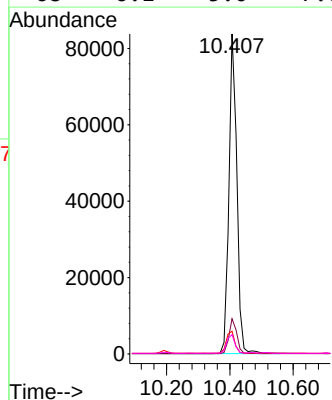
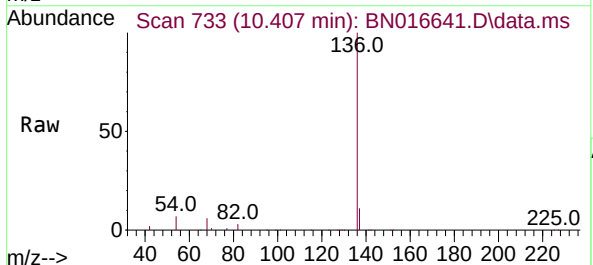
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920

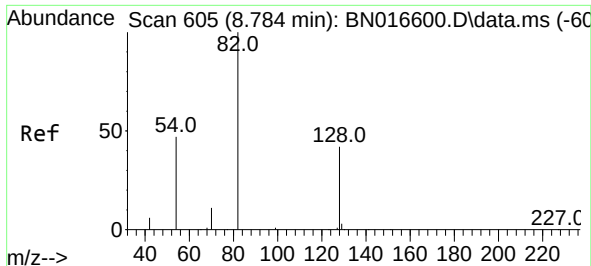
Tgt Ion: 99 Resp: 7243
Ion Ratio Lower Upper
99 100
42 24.1 13.0 19.6#
71 35.3 23.5 35.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

Tgt Ion: 136 Resp: 145794
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.1 5.9 8.9
68 6.1 5.0 7.6

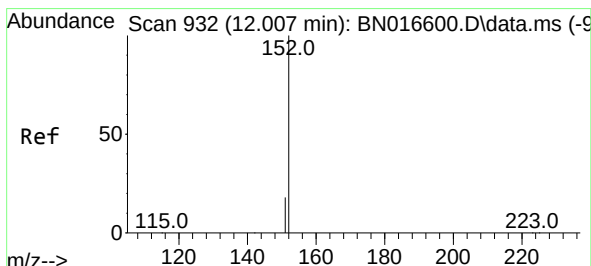
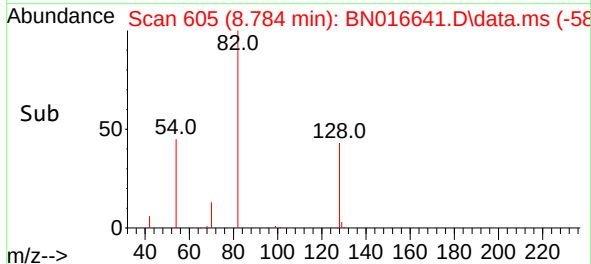
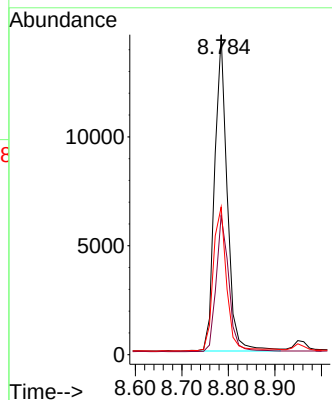
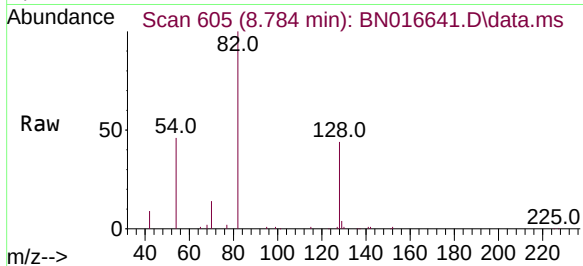




#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

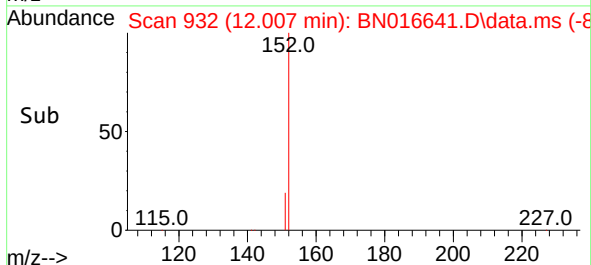
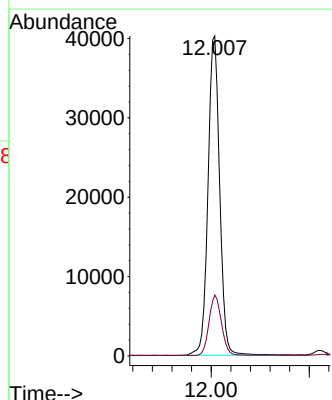
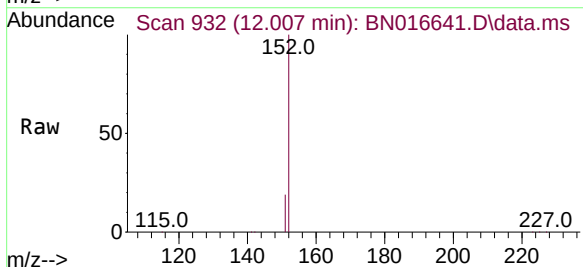
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920

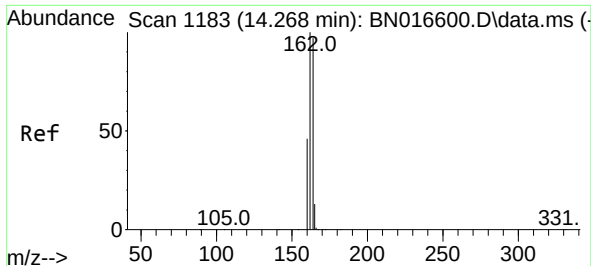
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	46.2	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

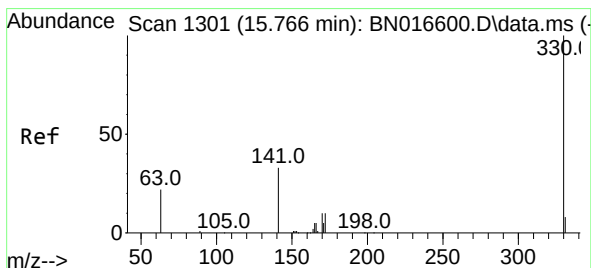
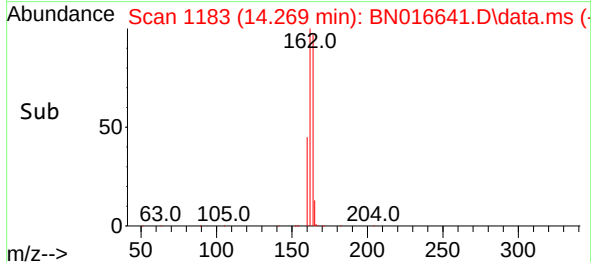
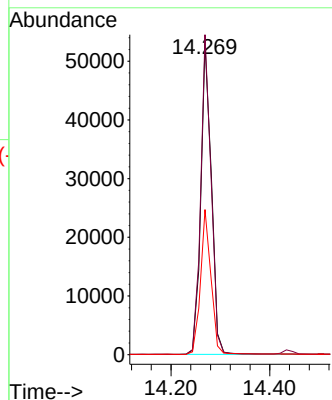
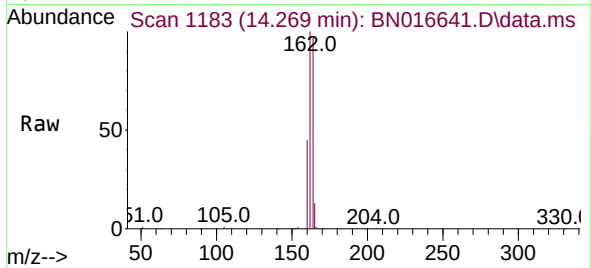




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

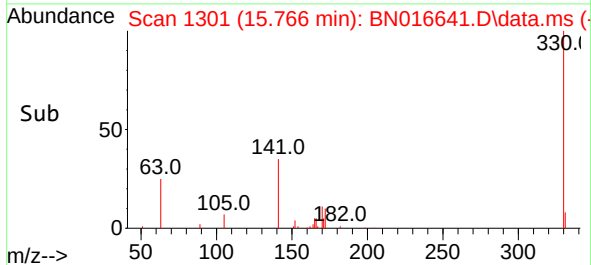
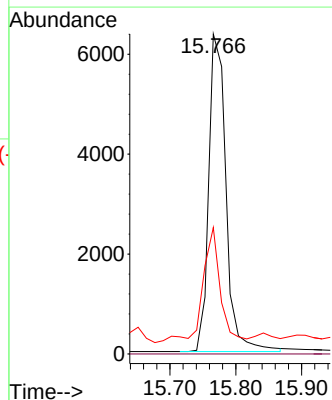
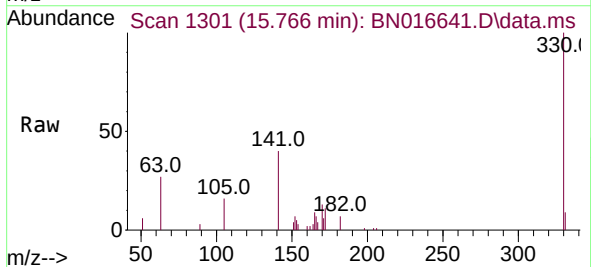
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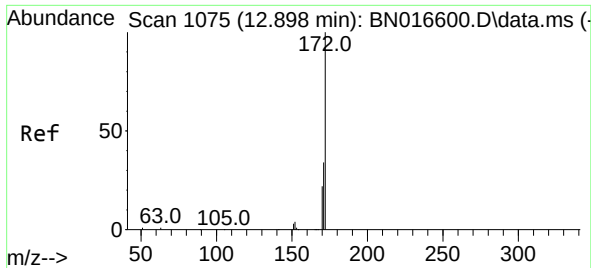
Tgt Ion:164 Resp: 78878
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.2
160 46.6 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

Tgt Ion:330 Resp: 11589
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.3 25.2 37.8

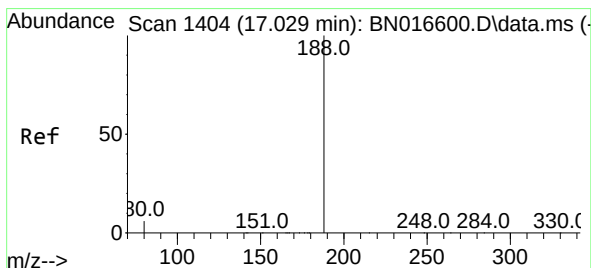
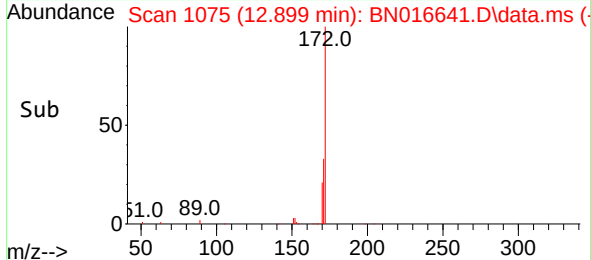
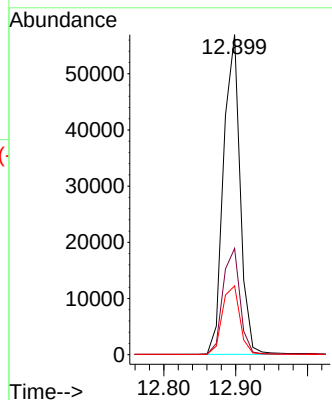
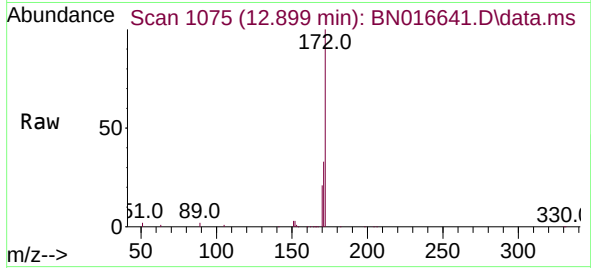




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

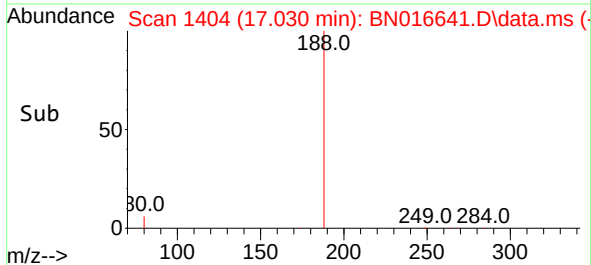
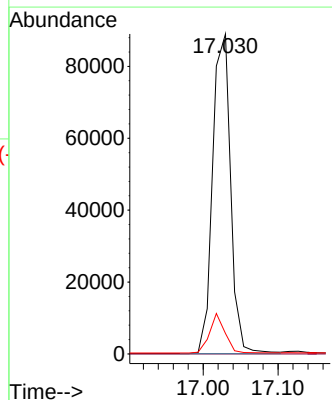
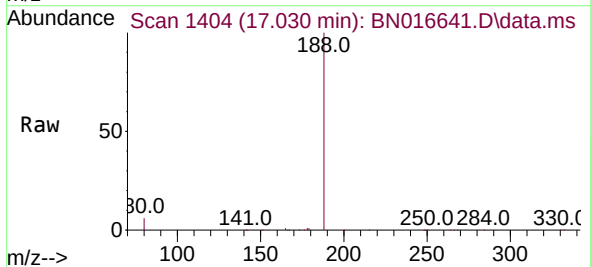
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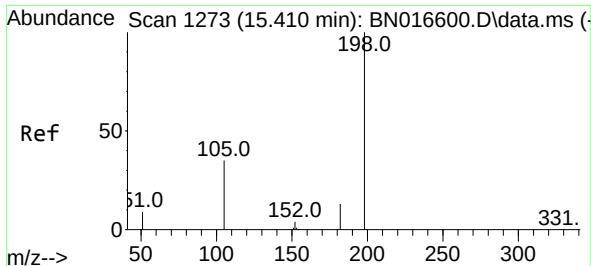
Tgt Ion:172	Resp:	91322
Ion Ratio	Lower	Upper
172	100	
171	33.2	27.0 40.4
170	21.5	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

Tgt Ion:188	Resp:	148596
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.4	5.0 7.6

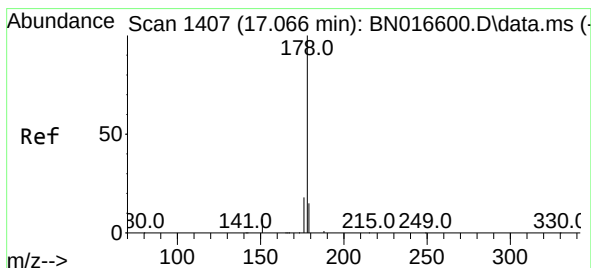
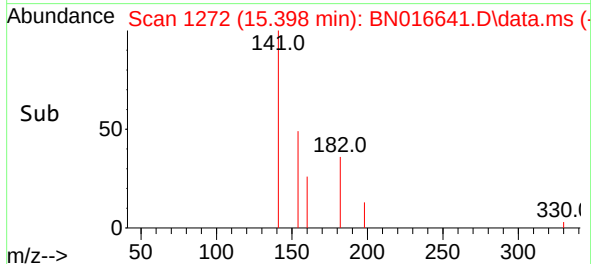
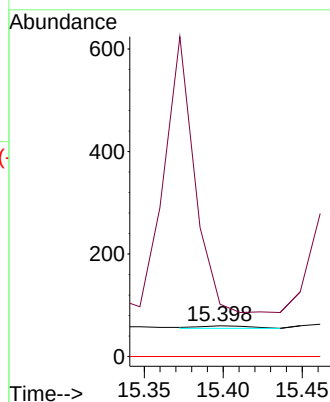
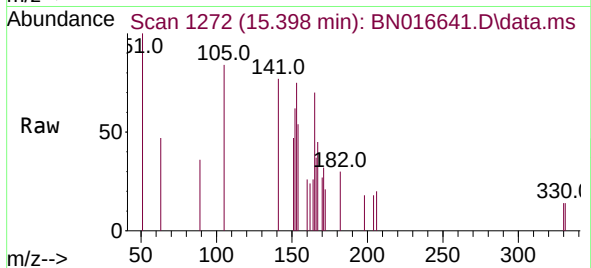




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

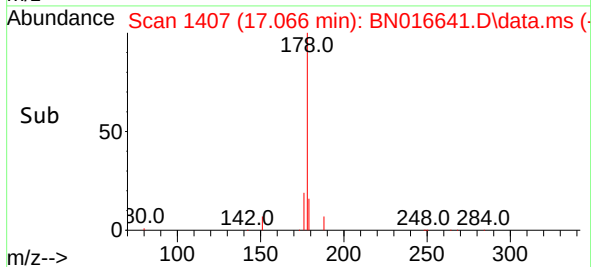
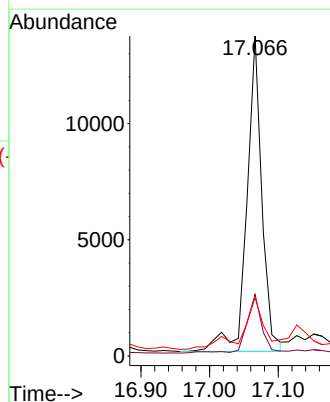
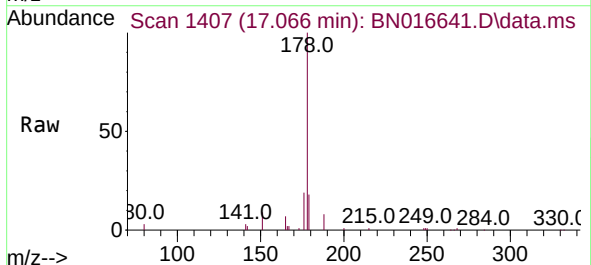
Instrument :
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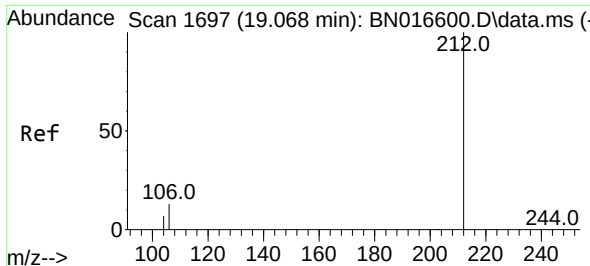
Tgt Ion:	198	Resp:	11
Ion	Ratio	Lower	Upper
198	100		
182	170.0	11.8	17.8#
77	0.0	0.0	0.0



#25
Phenanthrene
Concen: 0.047 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

Tgt Ion:	178	Resp:	20814
Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.0	22.4
179	23.9	12.2	18.4#

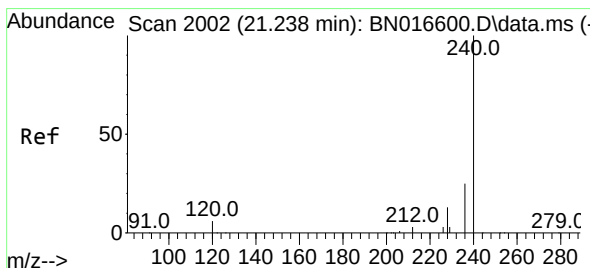
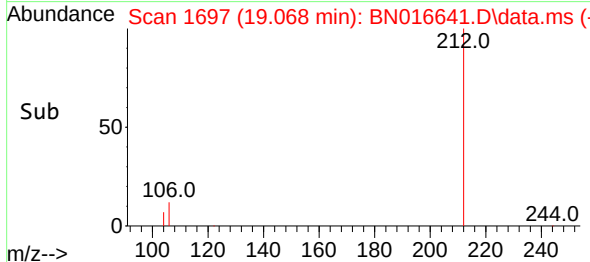
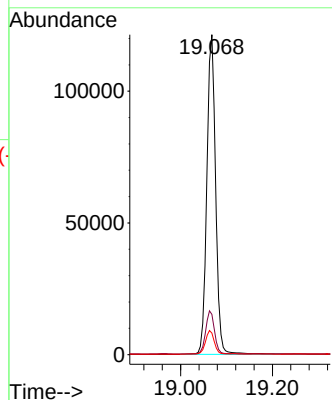
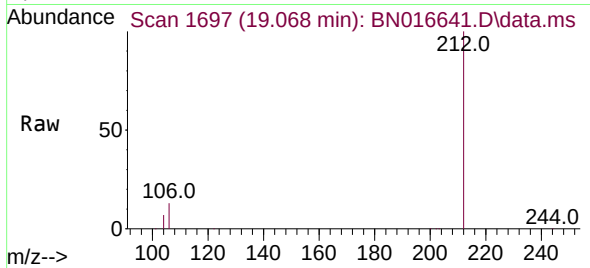




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

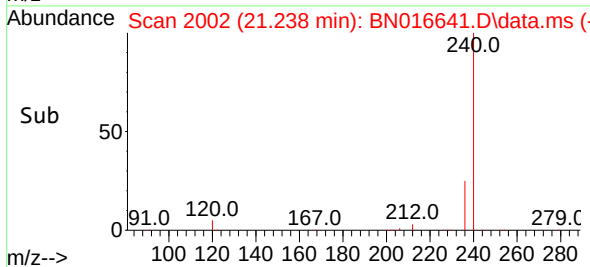
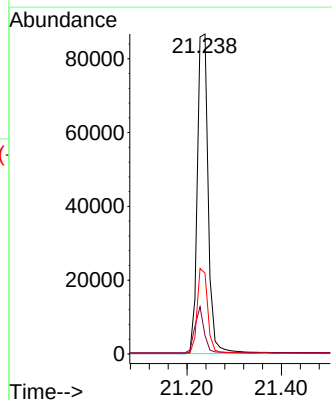
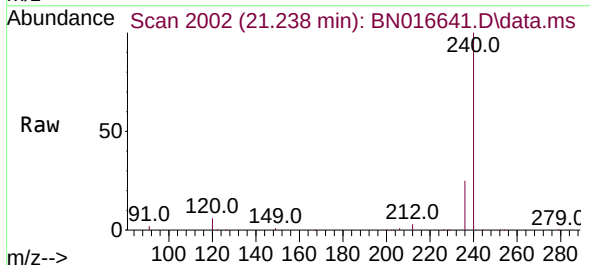
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210920

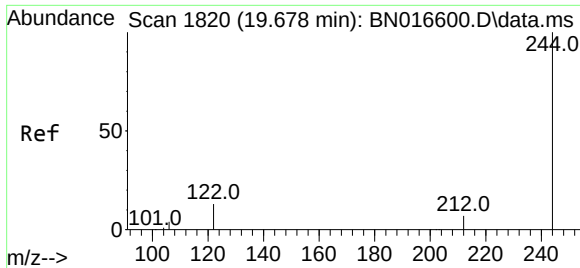
Tgt Ion:212 Resp: 161552
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.4 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016641.D
Acq: 01 Oct 2021 18:21

Tgt Ion:240 Resp: 139298
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.4
236 25.2 20.4 30.6

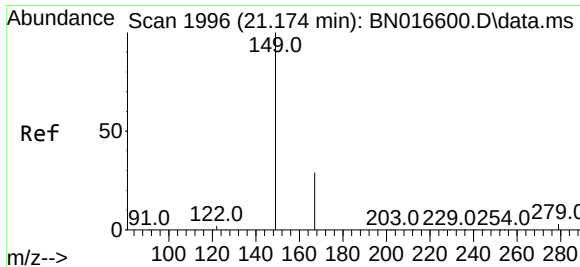
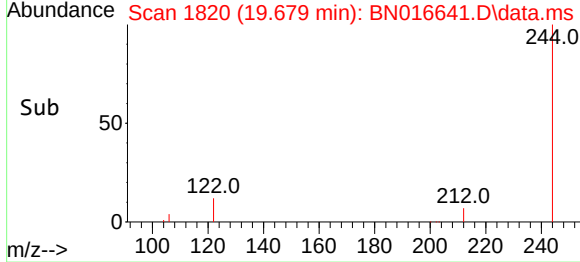
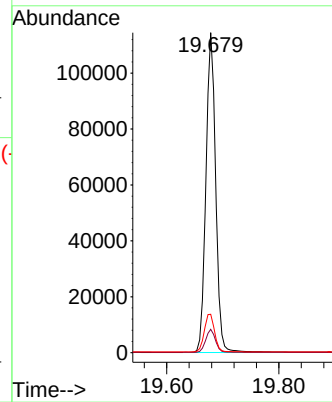
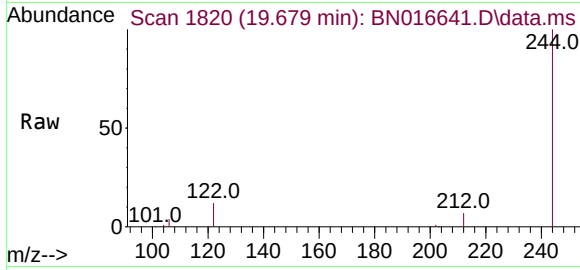




#31
 Terphenyl-d14
 Concen: 0.455 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016641.D
 Acq: 01 Oct 2021 18:21

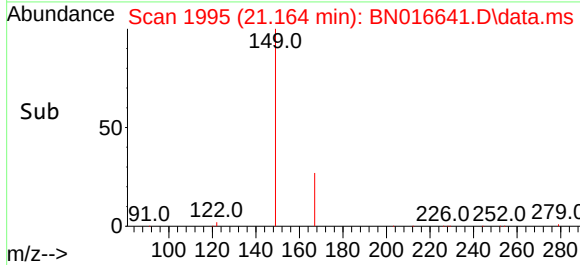
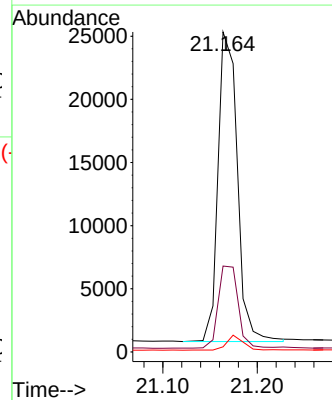
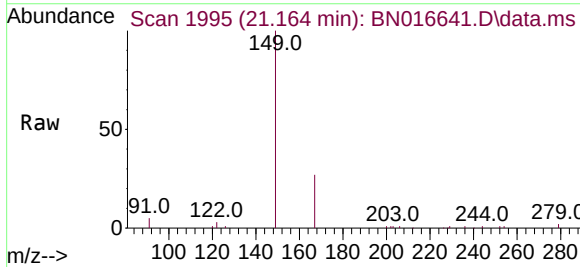
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20210920

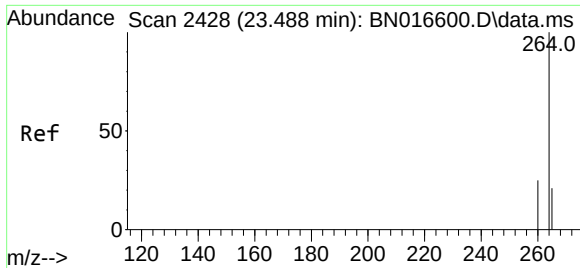
Tgt Ion:	244	Resp:	137953
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	12.0	10.1	15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.204 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016641.D
 Acq: 01 Oct 2021 18:21

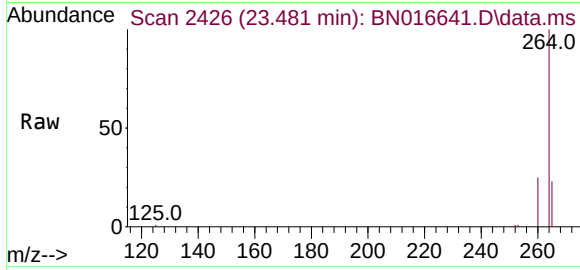
Tgt Ion:	149	Resp:	34719
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.2	33.4
279	4.2	3.2	4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016641.D
 Acq: 01 Oct 2021 18:21

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20210920



Tgt Ion:264 Resp: 146241

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	23.5	19.2	28.8

