

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016681.D
 Acq On : 02 Oct 2021 21:21
 Operator : CG/JU
 Sample : M3829-24
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20210918

Quant Time: Oct 04 03:35:35 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)

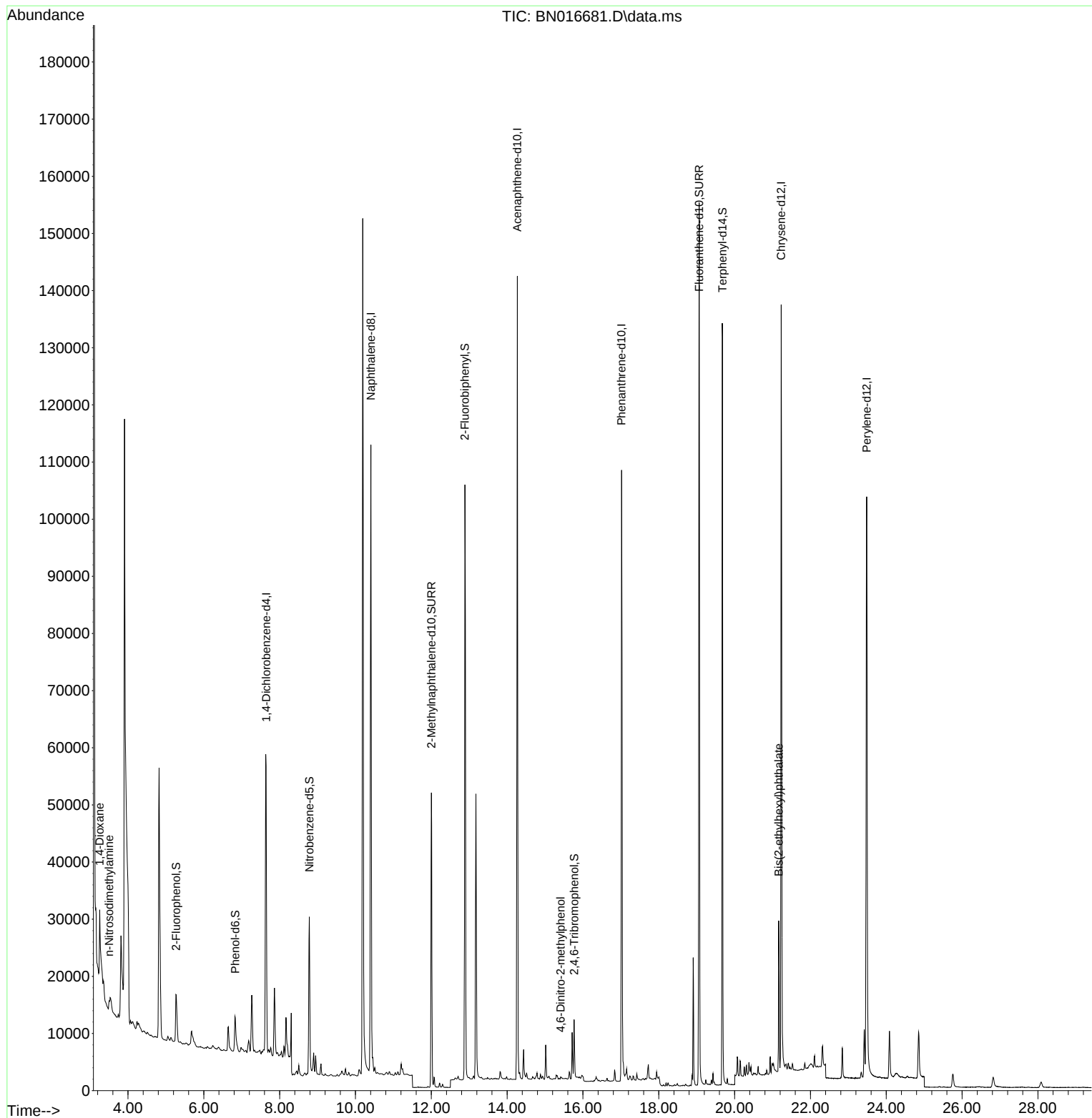
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32106	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	146926	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	77006	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	147914	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	139445	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	143850	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	11723	0.143	ng	0.02
5) Phenol-d6	6.831	99	7151	0.080	ng	0.00
8) Nitrobenzene-d5	8.784	82	26539	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	71017	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8981	0.256	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	97459	0.313	ng	-0.01
27) Fluoranthene-d10	19.063	212	173864	0.442	ng	0.00
31) Terphenyl-d14	19.678	244	138650	0.457	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	7851	0.531	ng	# 83
3) n-Nitrosodimethylamine	3.502	42	1359	0.057	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.411	198	1	0.136	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	25148	0.147	ng	99

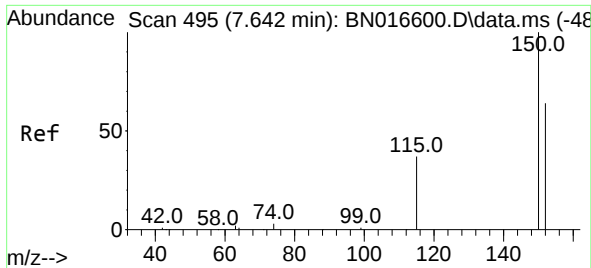
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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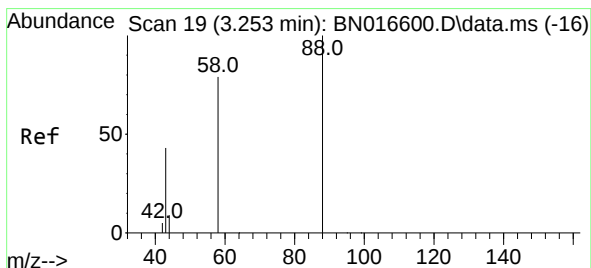
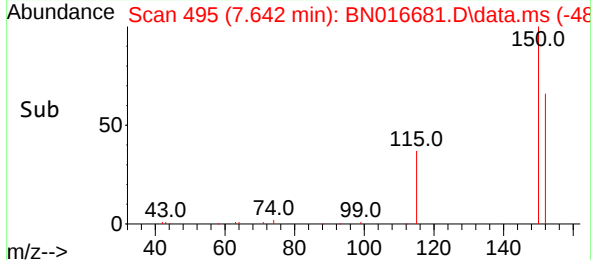
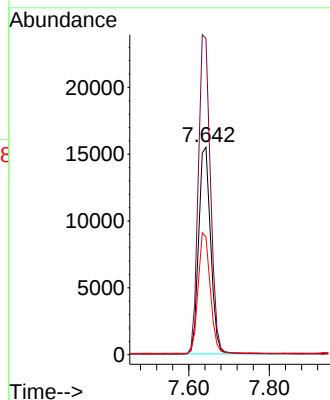
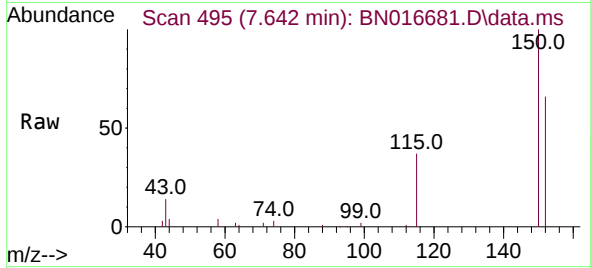




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

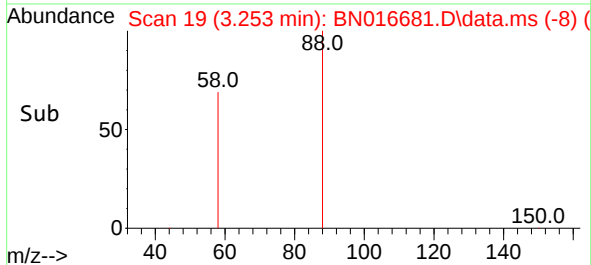
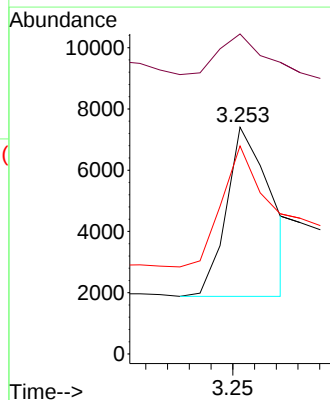
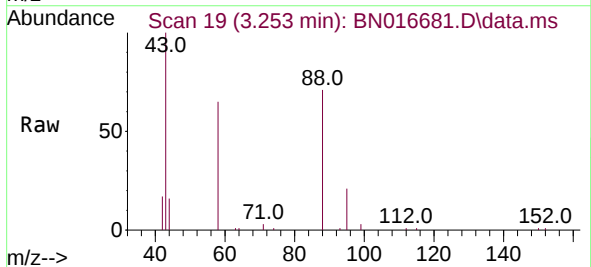
Instrument :
BNA_N
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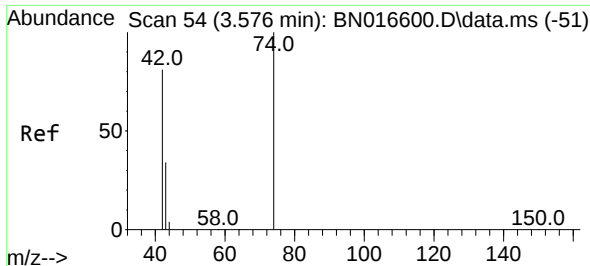
Tgt Ion:152 Resp: 32106
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 56.9 46.5 69.7



#2
1,4-Dioxane
Concen: 0.531 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion: 88 Resp: 7851
Ion Ratio Lower Upper
88 100
43 22.9 37.8 56.8#
58 72.5 61.3 91.9

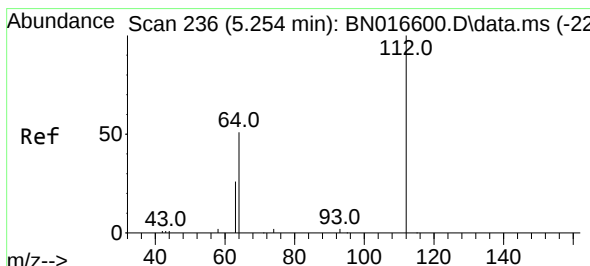
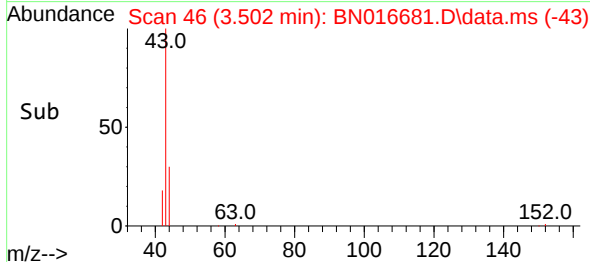
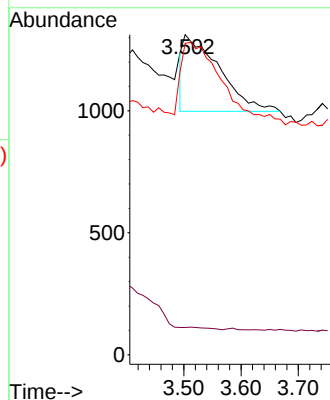
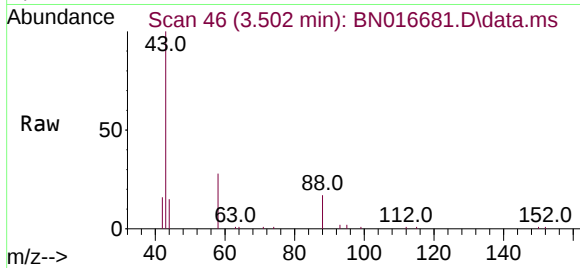




#3
n-Nitrosodimethylamine
Concen: 0.057 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

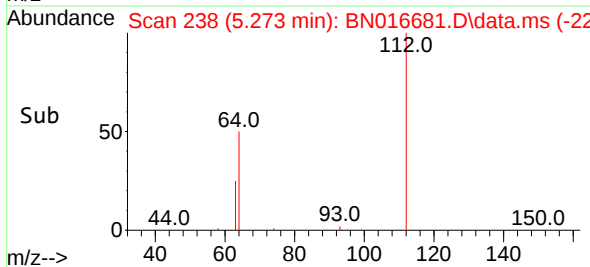
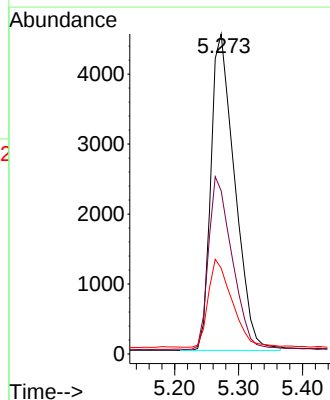
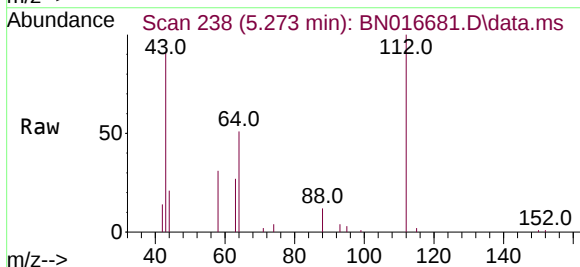
Instrument :
BNA_N
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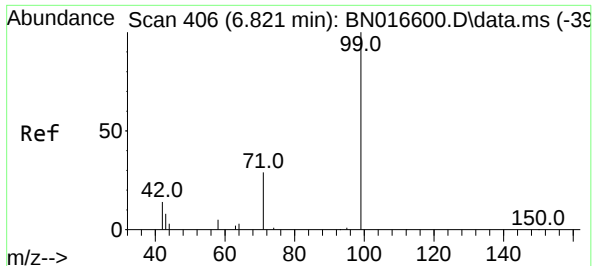
Tgt Ion: 42 Resp: 1359
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 99.6 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion: 112 Resp: 11723
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.7 21.6 32.4

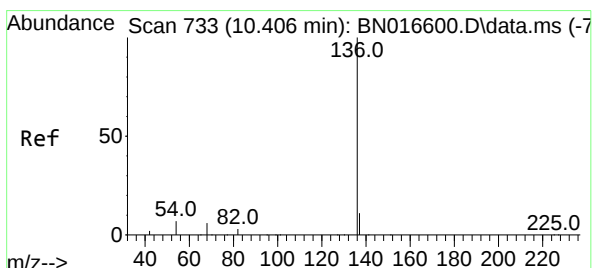
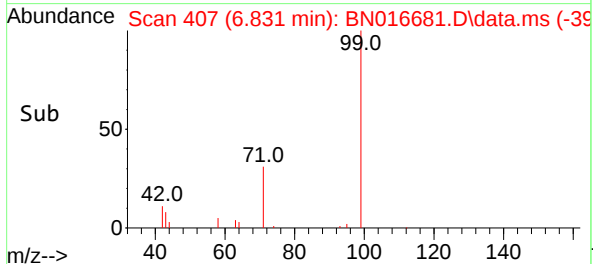
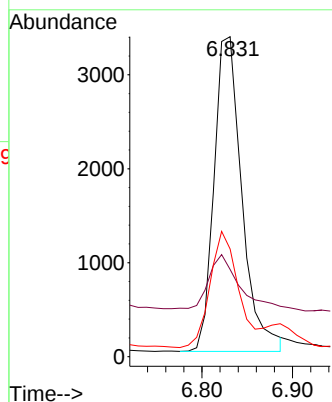
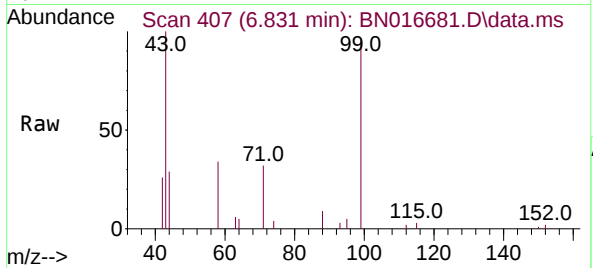




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

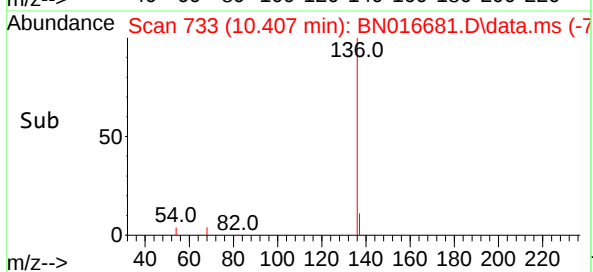
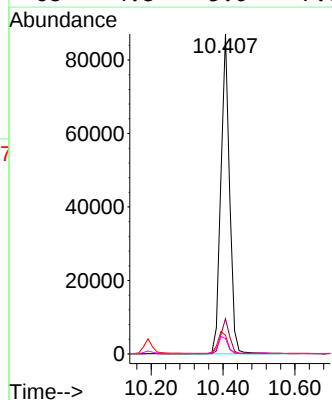
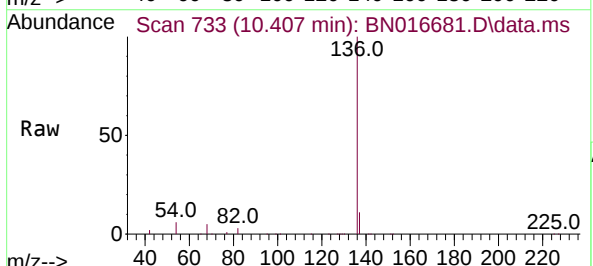
Instrument :
BNA_N
ClientSampleId :
RE123D2-20210918

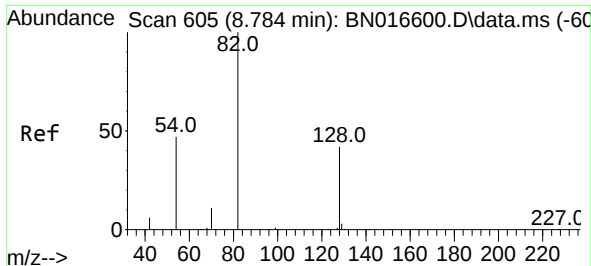
Tgt Ion: 99 Resp: 7151
Ion Ratio Lower Upper
99 100
42 18.1 13.0 19.6
71 38.7 23.5 35.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:136 Resp: 146926
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 5.8 5.9 8.9#
68 4.8 5.0 7.6#

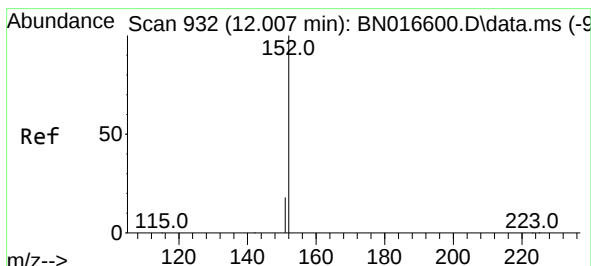
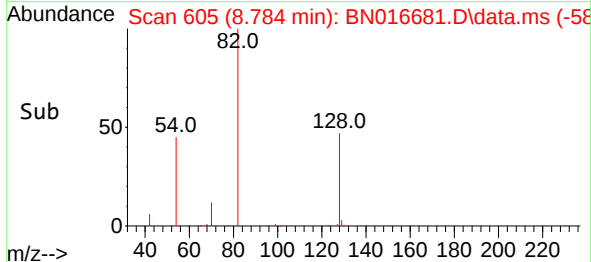
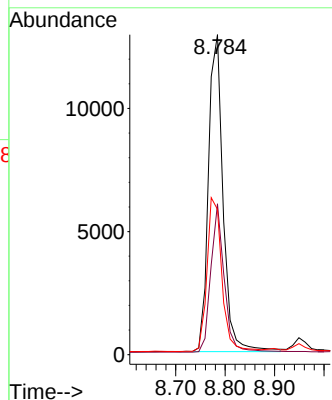
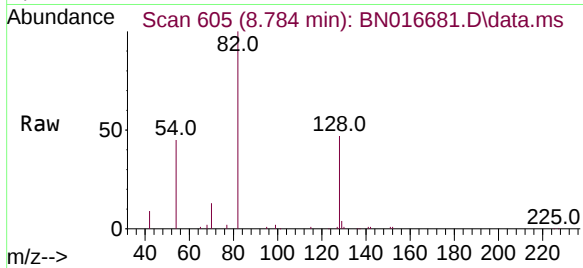




#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

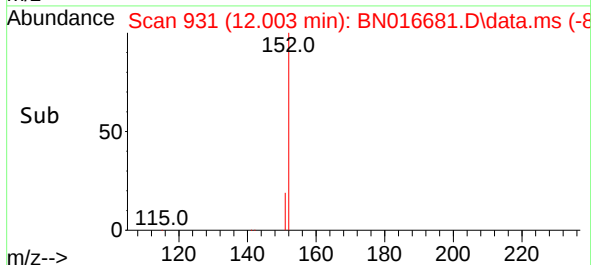
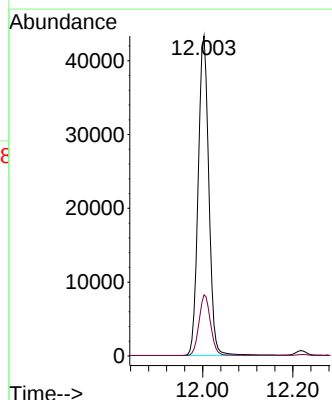
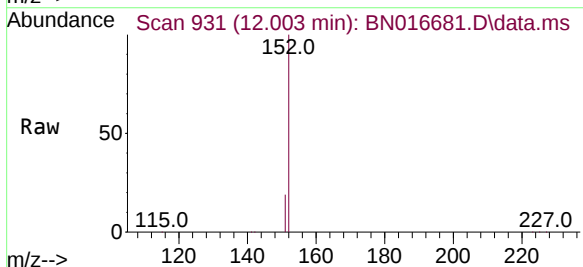
Instrument :
BNA_N
ClientSampleId :
RE123D2-20210918

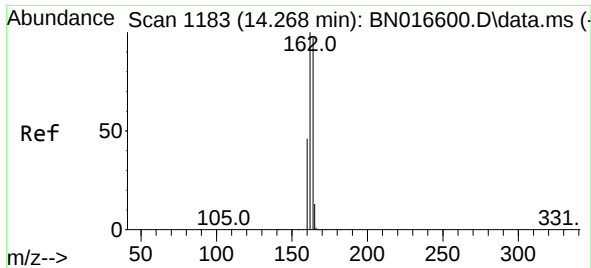
Tgt Ion:	82	Resp:	26539
Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.6	50.4
54	45.4	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

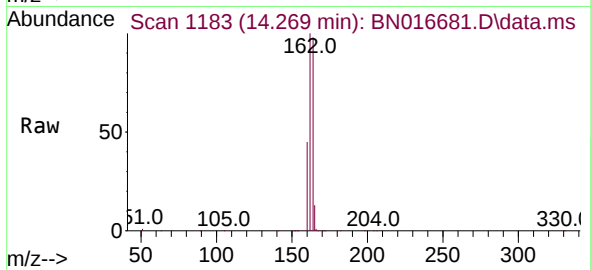
Tgt Ion:	152	Resp:	71017
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4



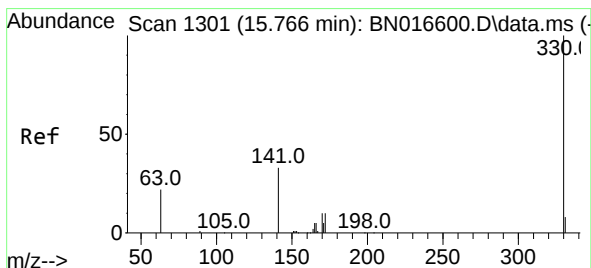
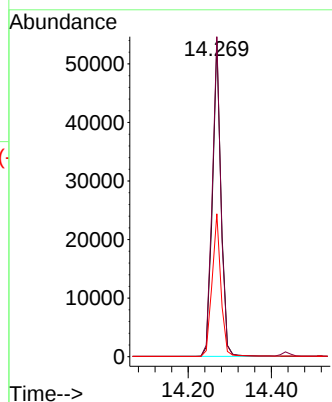
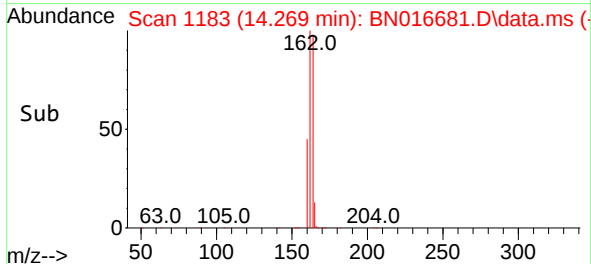


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

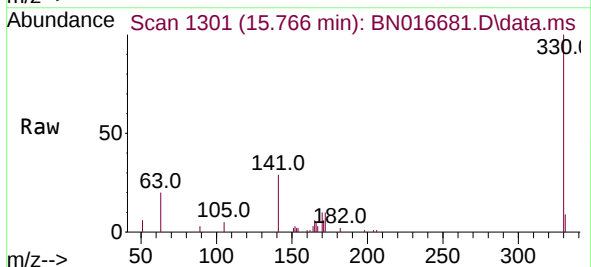
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ClientSampleId :
RE123D2-20210918



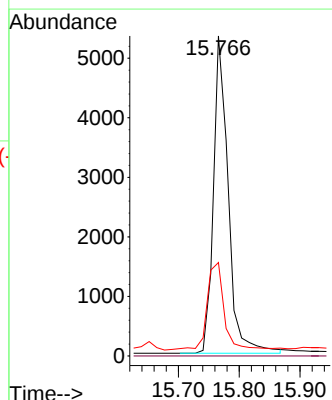
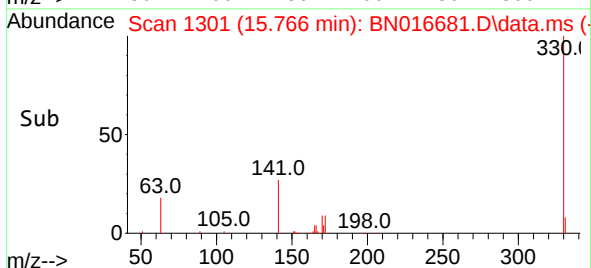
Tgt Ion:164 Resp: 77006
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 45.3 37.7 56.5

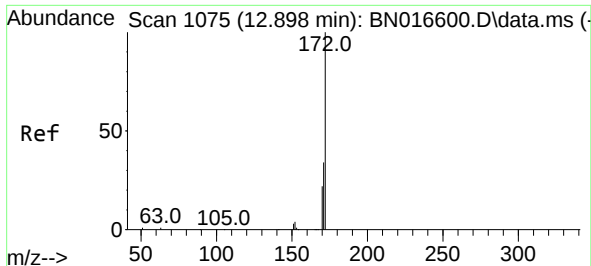


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21



Tgt Ion:330 Resp: 8981
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.9 25.2 37.8

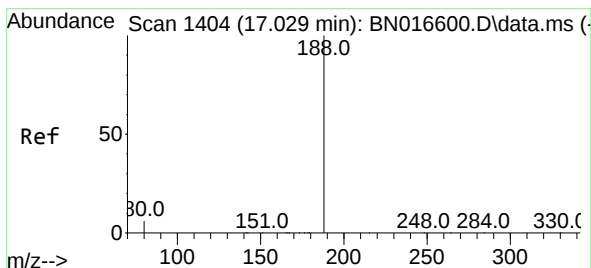
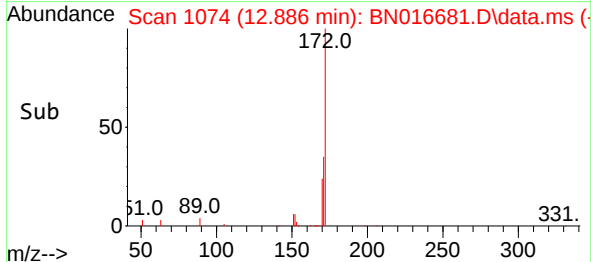
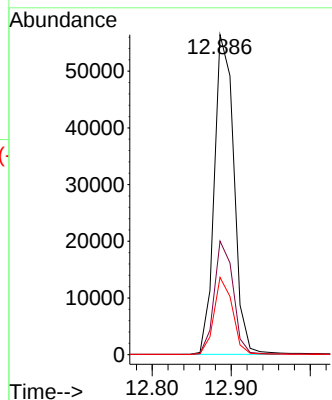
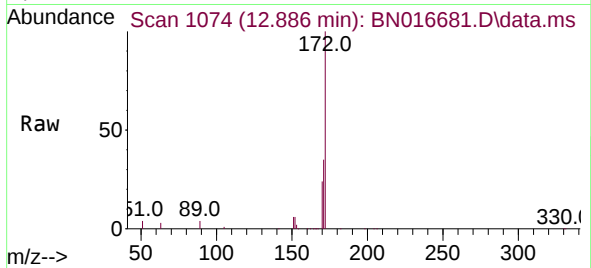




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

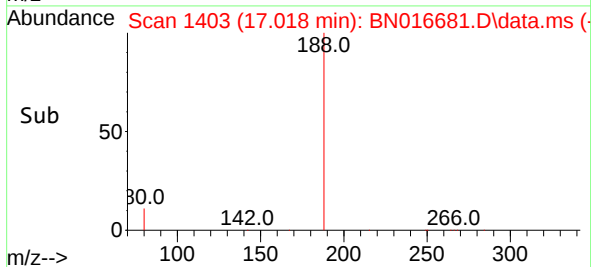
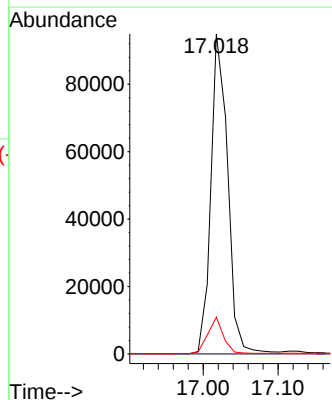
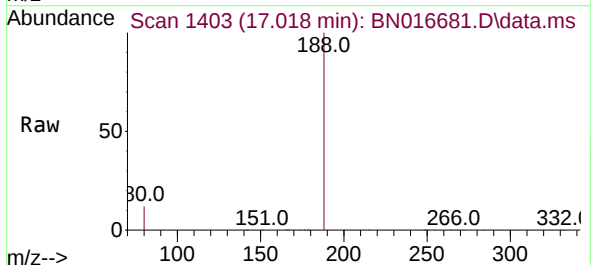
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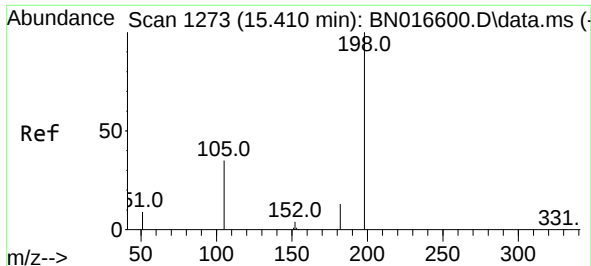
Tgt Ion:172	Resp:	97459
Ion Ratio	Lower	Upper
172	100	
171	35.5	27.0 40.4
170	24.2	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:188	Resp:	147914
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.5	5.0 7.6#

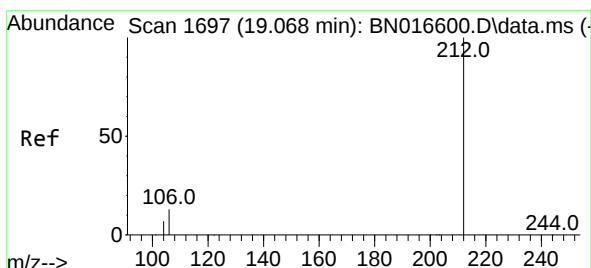
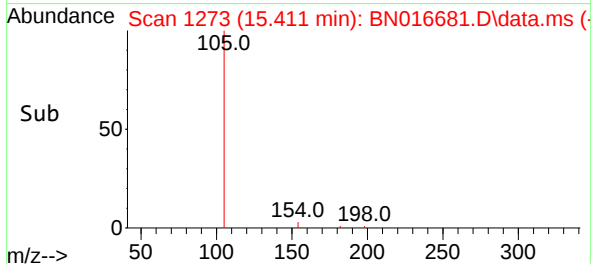
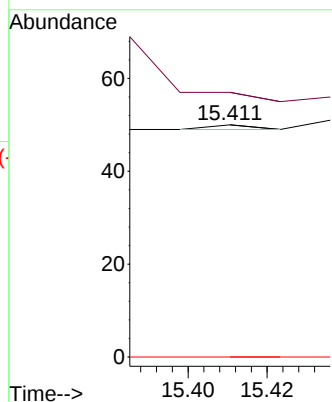
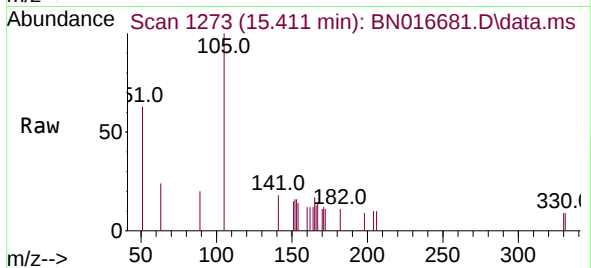




#20
4,6-Dinitro-2-methylphenol
Concen: 0.136 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

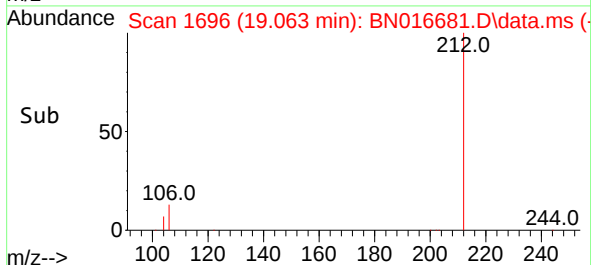
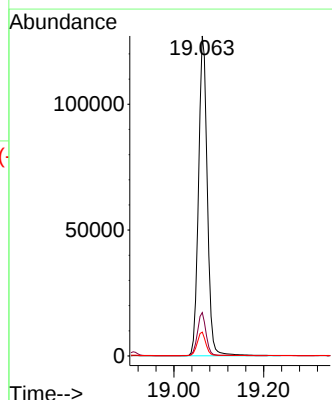
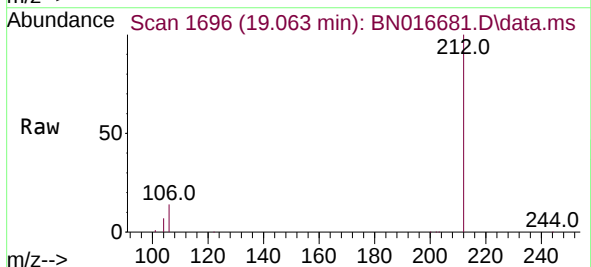
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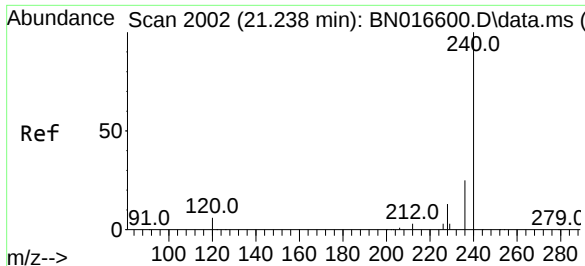
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 114.0 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:212 Resp: 173864
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.9 8.9

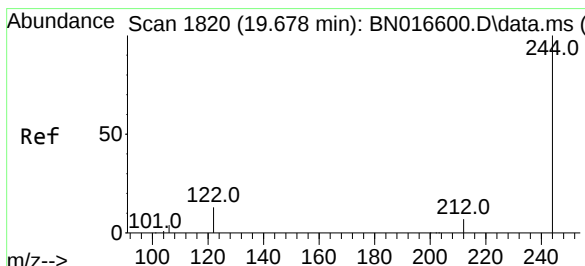
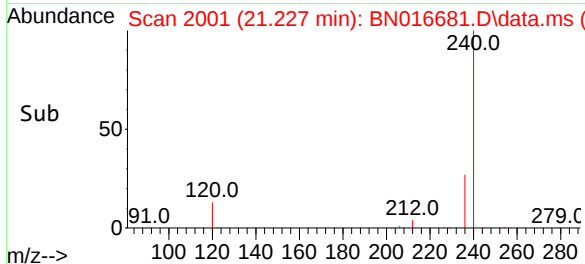
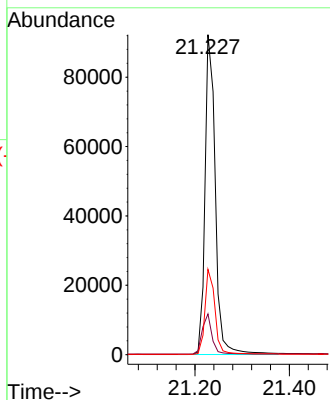
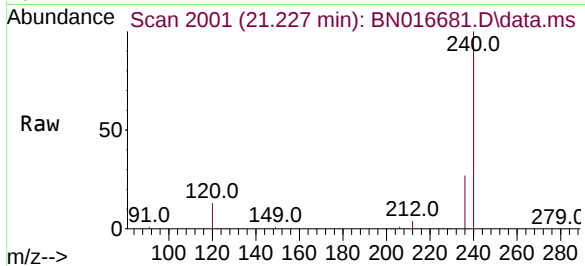




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

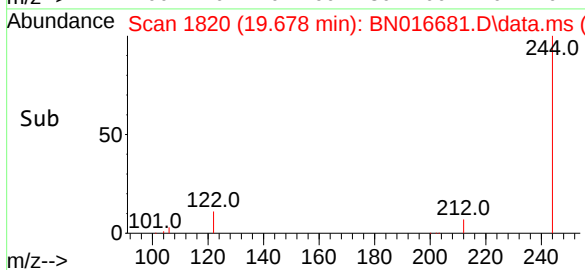
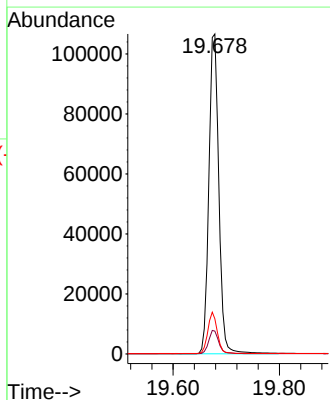
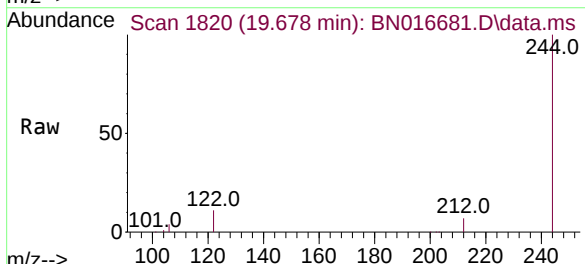
Instrument :
BNA_N
ClientSampleId :
RE123D2-20210918

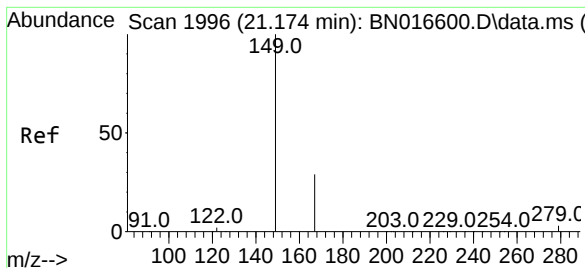
Tgt Ion:240 Resp: 139445
Ion Ratio Lower Upper
240 100
120 12.7 5.0 7.4#
236 26.7 20.4 30.6



#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016681.D
Acq: 02 Oct 2021 21:21

Tgt Ion:244 Resp: 138650
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 11.0 10.1 15.1

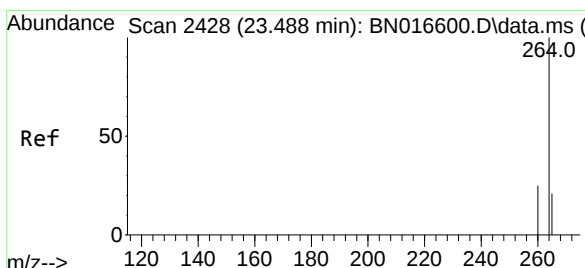
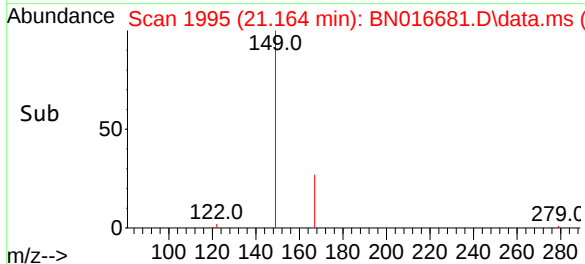
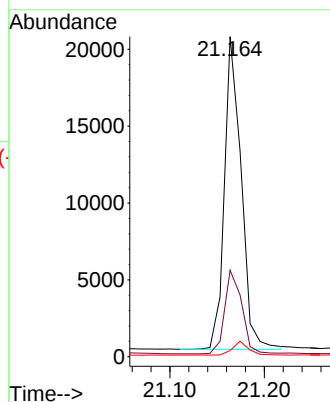
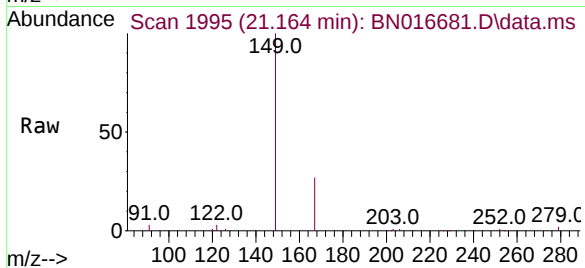




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.147 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016681.D
 Acq: 02 Oct 2021 21:21

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20210918

Tgt Ion:149 Resp: 25148
 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: BN016681.D
 Acq: 02 Oct 2021 21:21

Tgt Ion:264 Resp: 143850
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 22.2 19.2 28.8

