

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016613.D
 Acq On : 30 Sep 2021 23:22
 Operator : CG/JU
 Sample : M3833-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210920

Quant Time: Oct 01 01:37:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

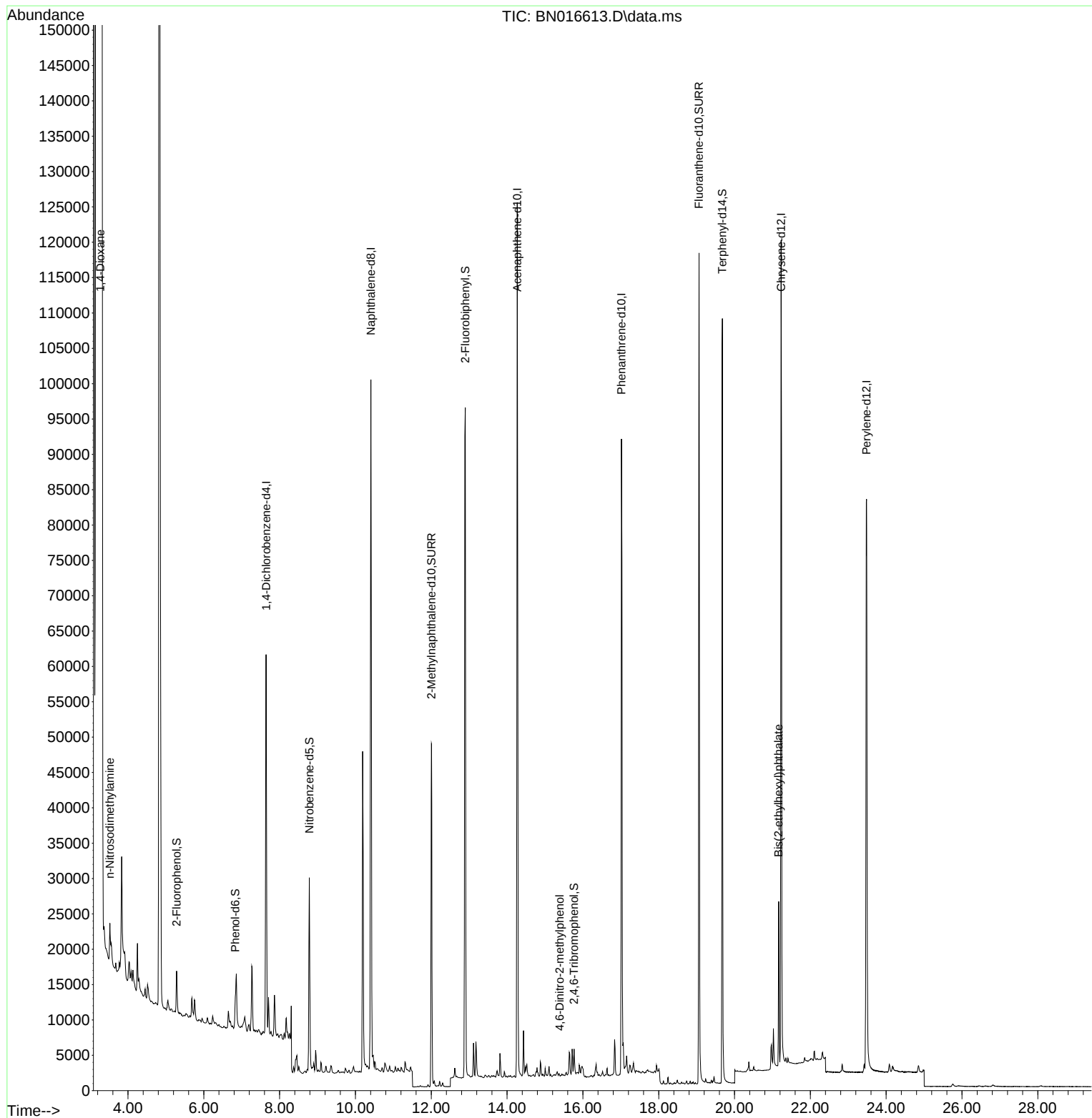
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28395	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	131088	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	69083	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	130302	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	117347	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	115232	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	5973	0.083	ng	0.03
5) Phenol-d6	6.831	99	4112	0.052	ng	0.00
8) Nitrobenzene-d5	8.784	82	24081	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	66912	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	3040	0.097	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	94611	0.338	ng	0.00
27) Fluoranthene-d10	19.063	212	133013	0.384	ng	0.00
31) Terphenyl-d14	19.678	244	112108	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.272	88	9352	0.716	ng	# 85
3) n-Nitrosodimethylamine	3.521	42	2004	0.096	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	5	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	21499	0.150	ng	100

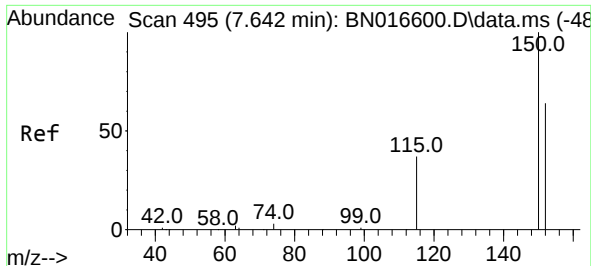
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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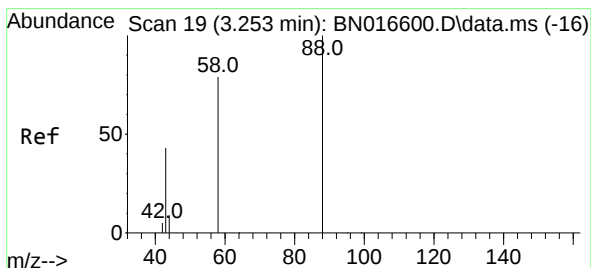
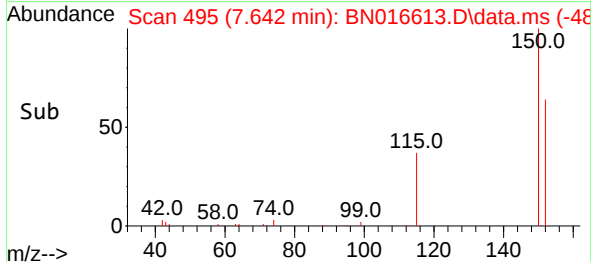
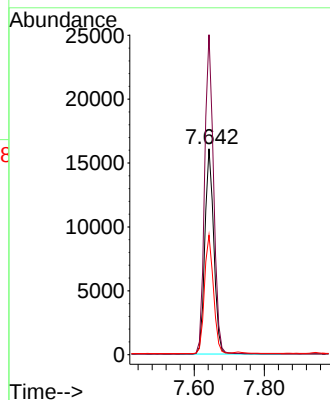
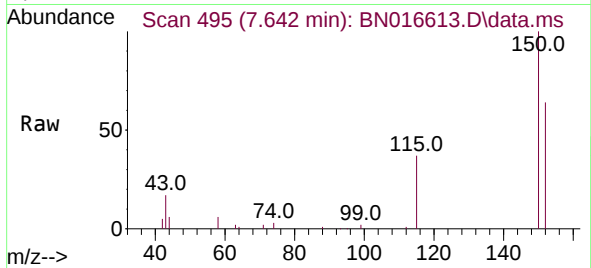




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016613.D
 Acq: 30 Sep 2021 23:22

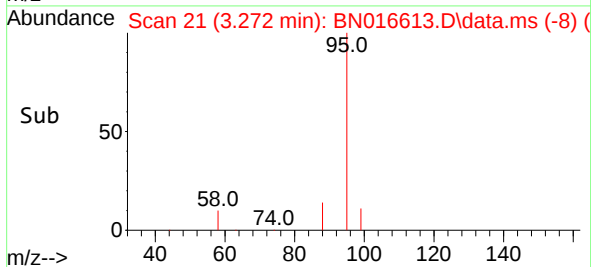
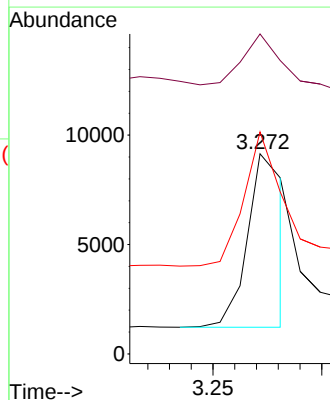
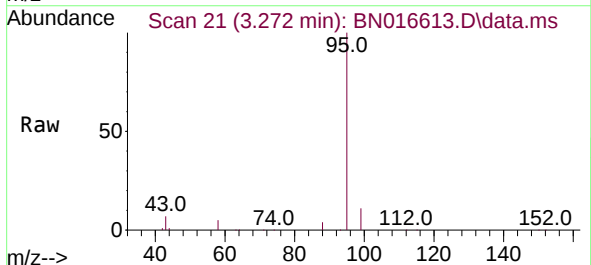
Instrument :
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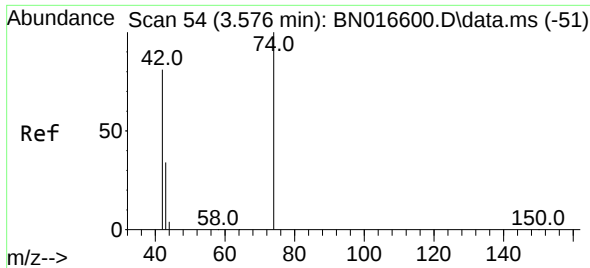
Tgt Ion: 152 Resp: 28395
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 58.0 46.5 69.7



#2
 1,4-Dioxane
 Concen: 0.716 ng
 RT: 3.272 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: BN016613.D
 Acq: 30 Sep 2021 23:22

Tgt Ion: 88 Resp: 9352
 Ion Ratio Lower Upper
 88 100
 43 27.1 37.8 56.8#
 58 71.9 61.3 91.9

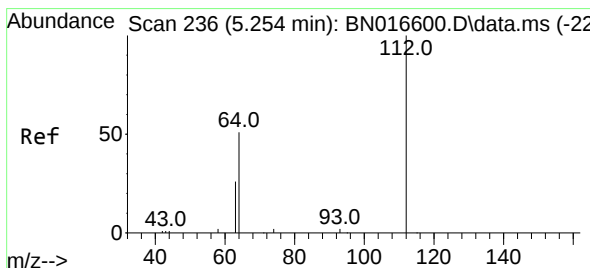
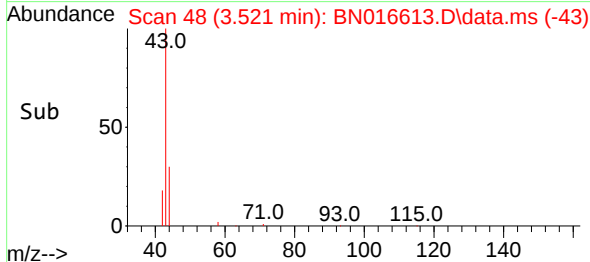
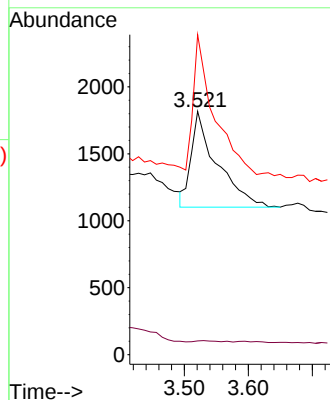
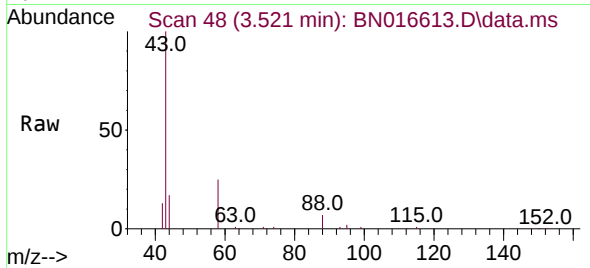




#3
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.521 min Scan# 48
Delta R.T. -0.055 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

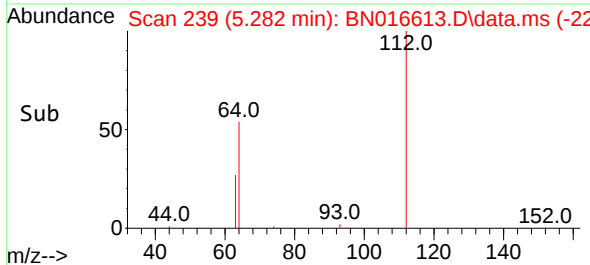
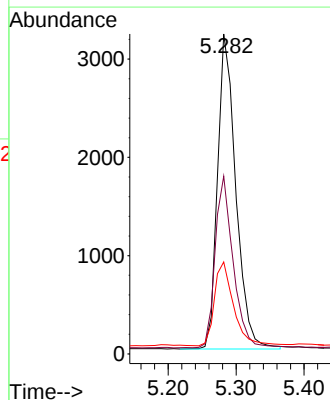
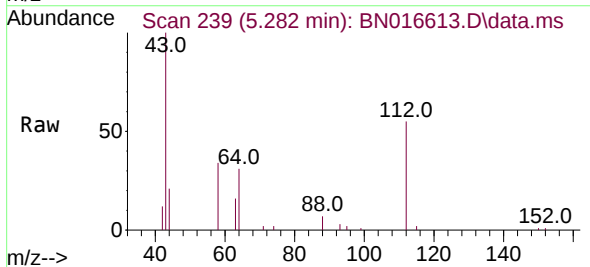
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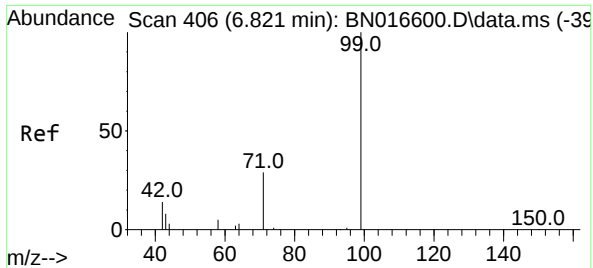
Tgt Ion: 42 Resp: 2004
Ion Ratio Lower Upper
42 100
74 1.2 121.6 182.4#
44 127.1 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.028 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion: 112 Resp: 5973
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.7 21.6 32.4

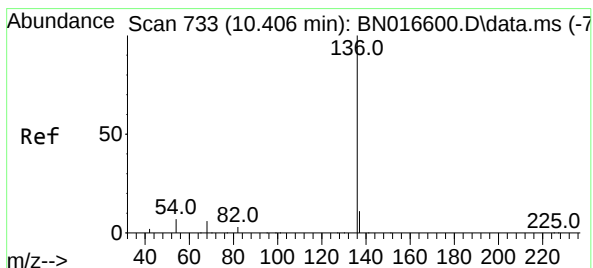
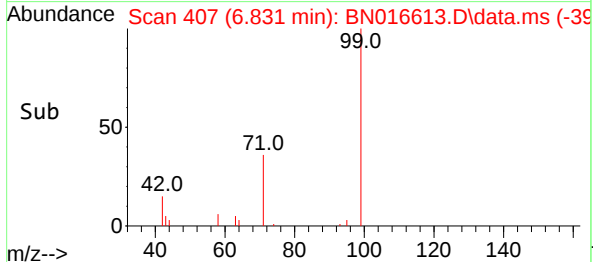
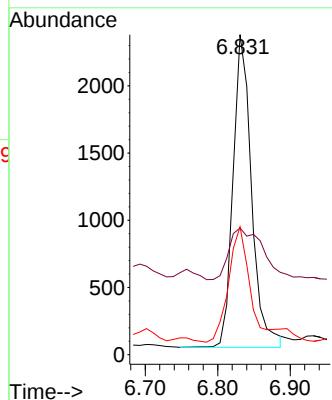
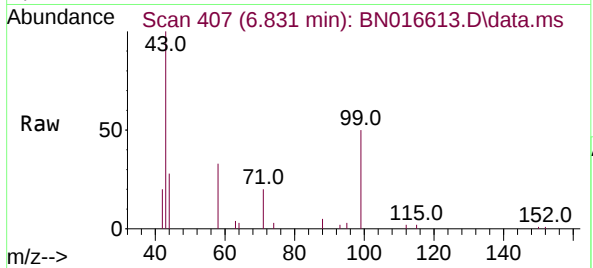




#5
Phenol-d6
Concen: 0.052 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

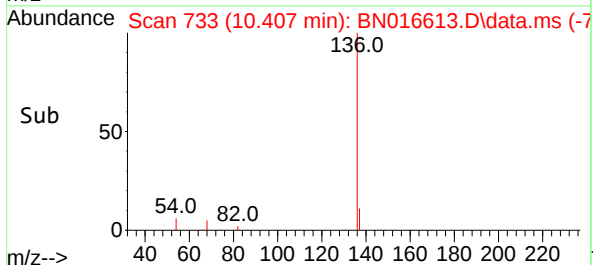
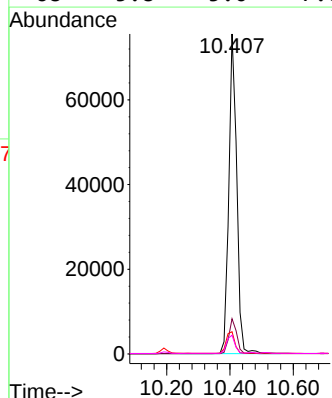
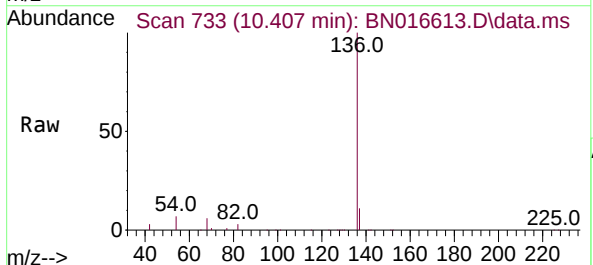
Instrument :
BNA_N
ClientSampleId :
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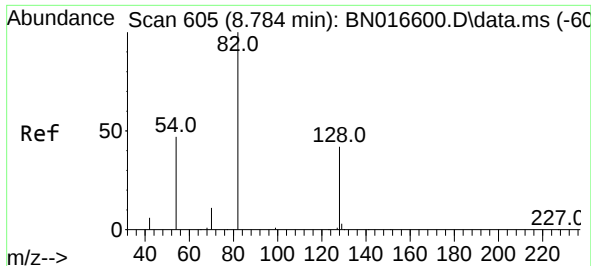
Tgt Ion: 99 Resp: 4112
Ion Ratio Lower Upper
99 100
42 29.3 13.0 19.6#
71 42.9 23.5 35.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion: 136 Resp: 131088
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.9 5.9 8.9
68 5.8 5.0 7.6

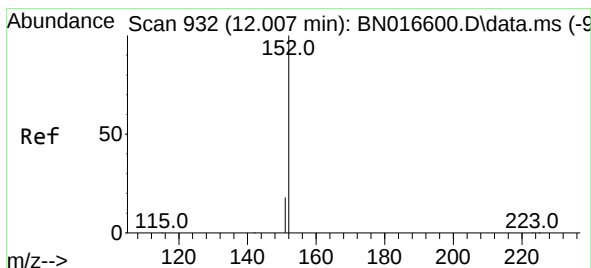
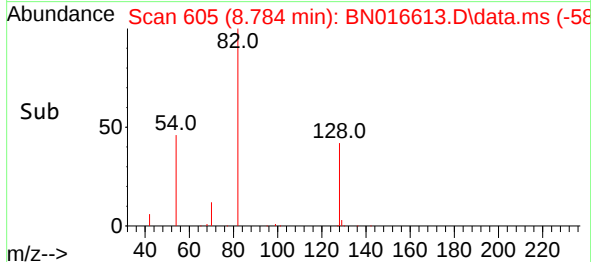
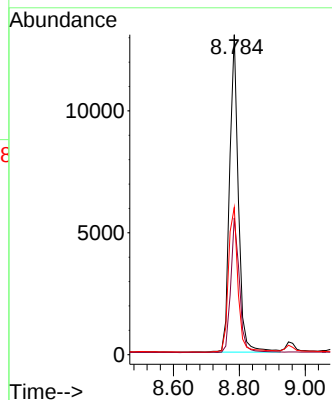
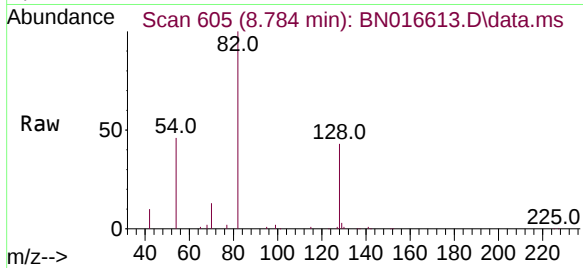




#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

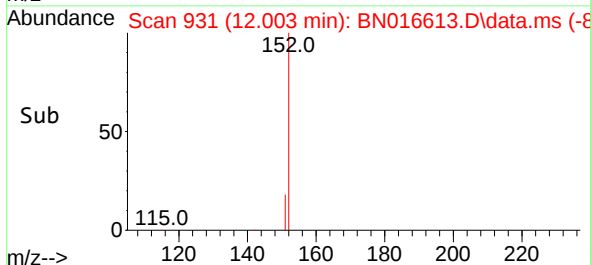
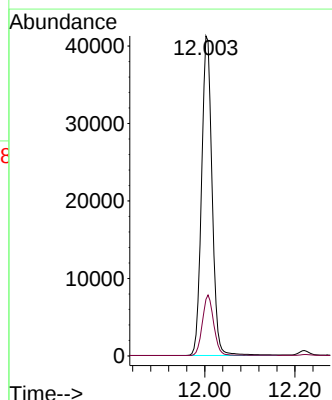
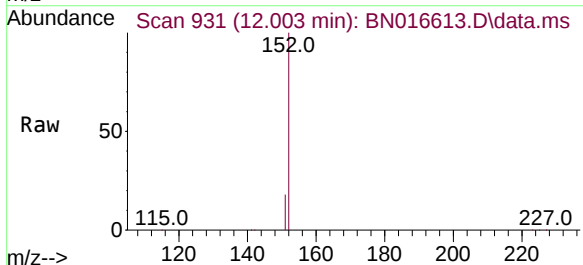
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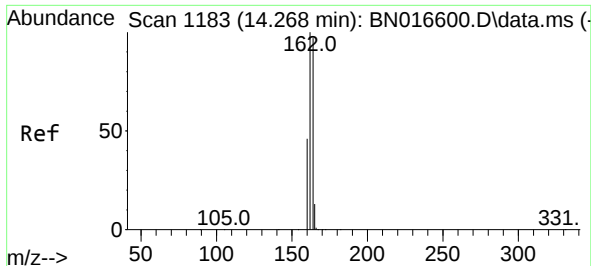
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.6	50.4
54	46.0	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

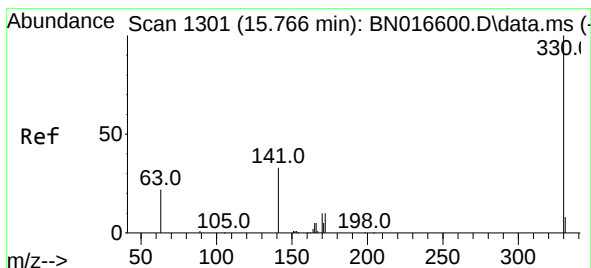
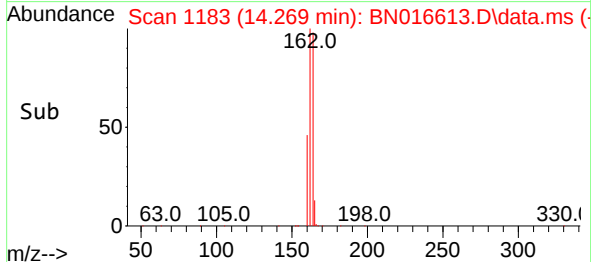
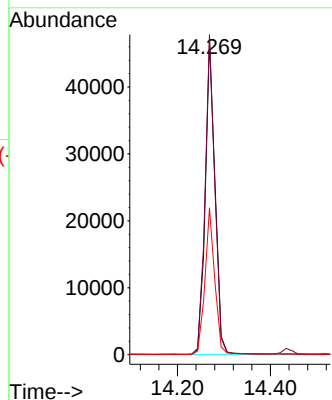
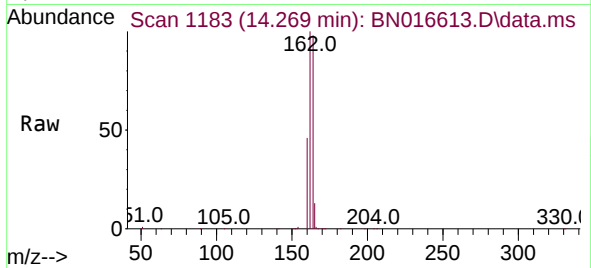




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

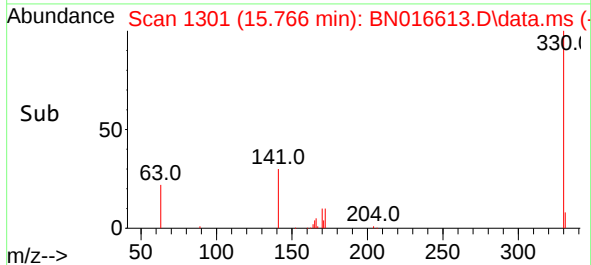
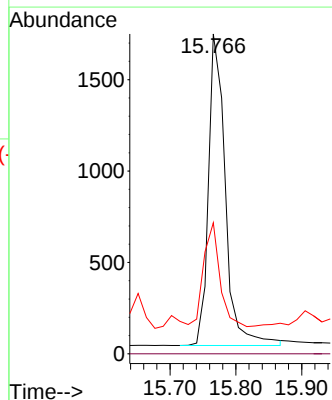
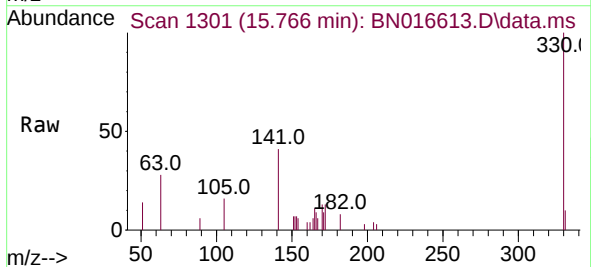
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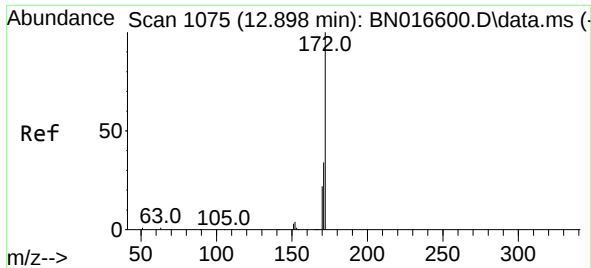
Tgt Ion:164 Resp: 69083
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 46.7 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.097 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion:330 Resp: 3040
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.4 25.2 37.8

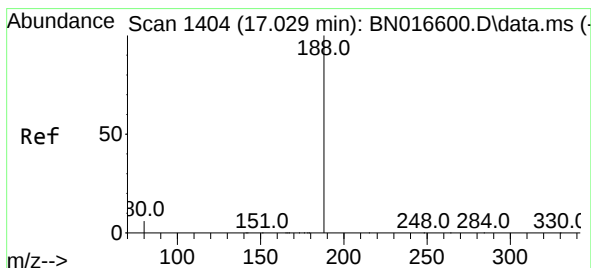
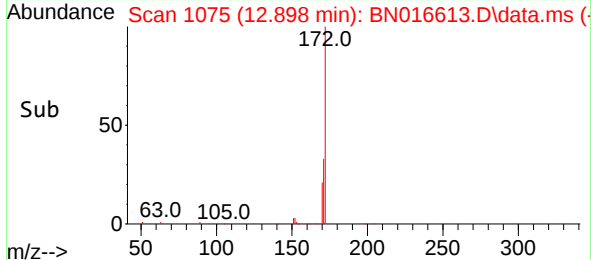
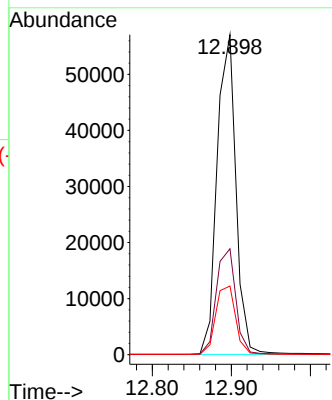
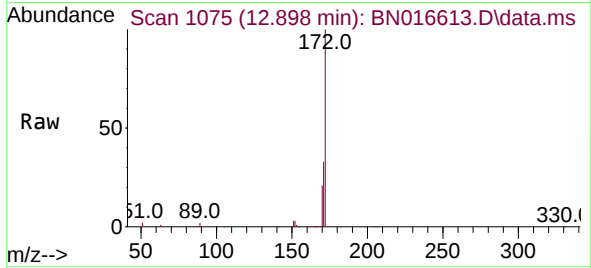




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

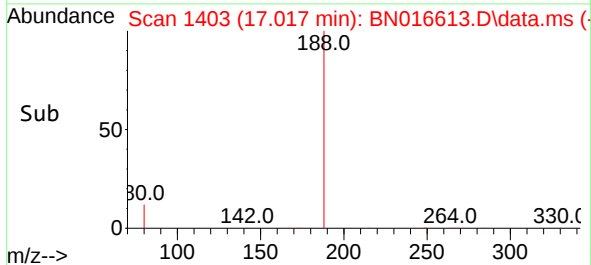
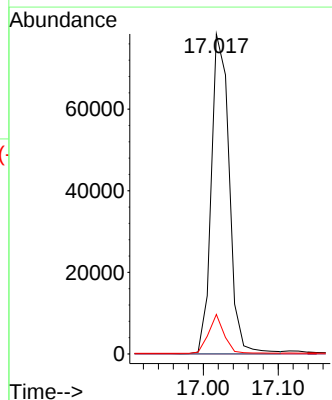
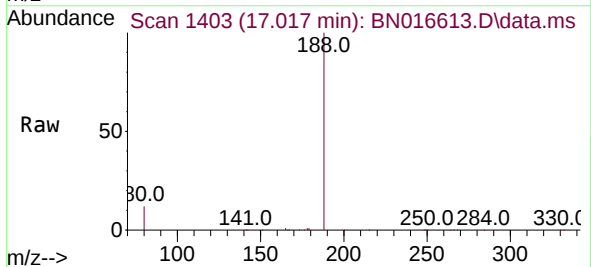
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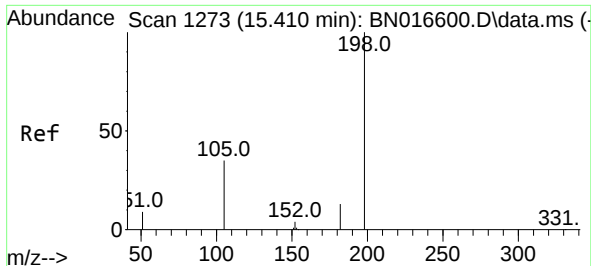
Tgt Ion:	172	Resp:	94611
Ion Ratio	Lower	Upper	
172	100		
171	33.1	27.0	40.4
170	21.4	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion:	188	Resp:	130302
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.4	5.0	7.6#

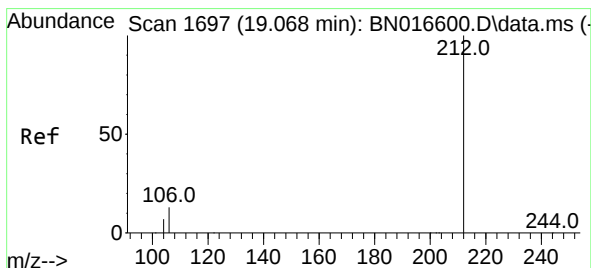
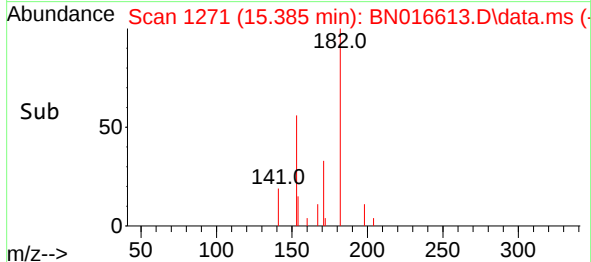
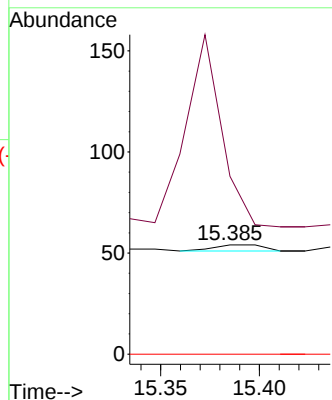
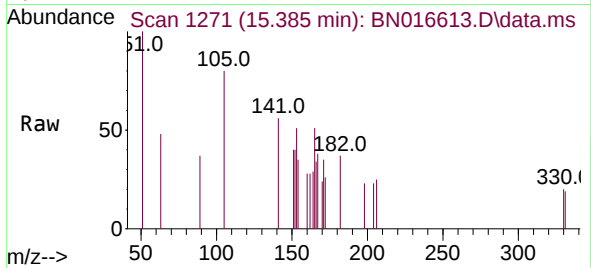




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

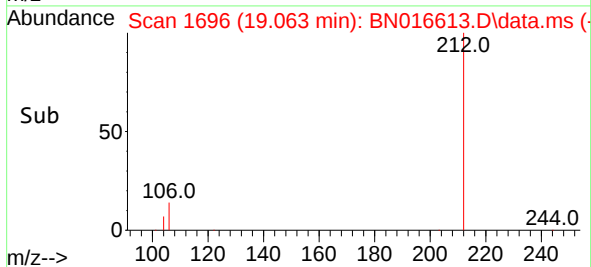
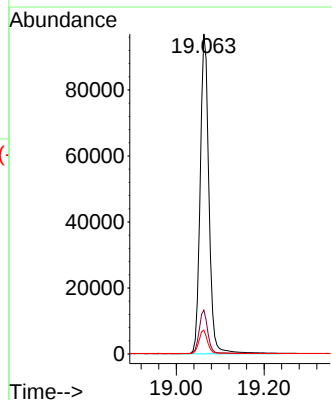
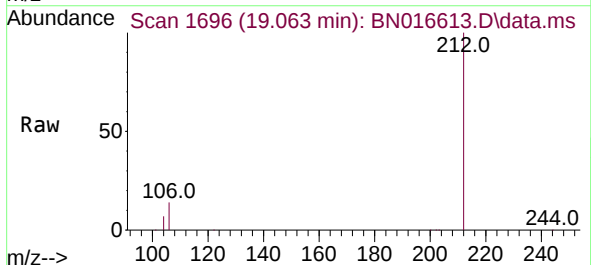
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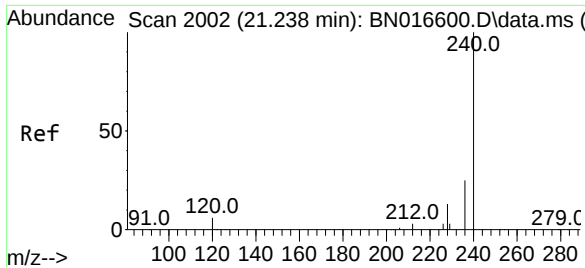
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 163.0 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion:212 Resp: 133013
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.1 5.9 8.9

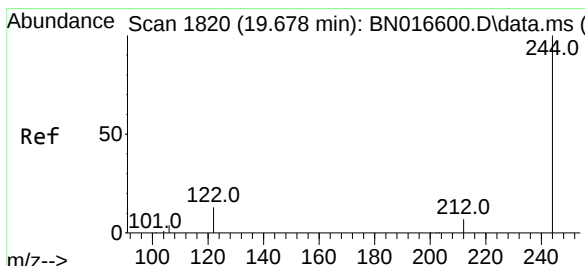
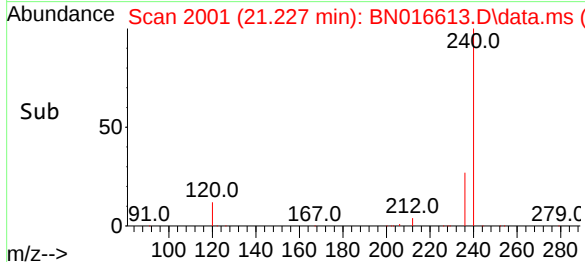
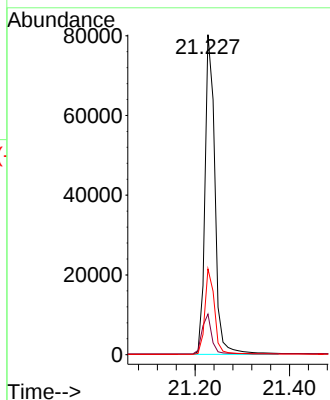
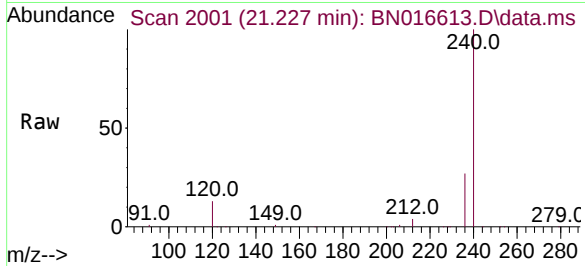




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

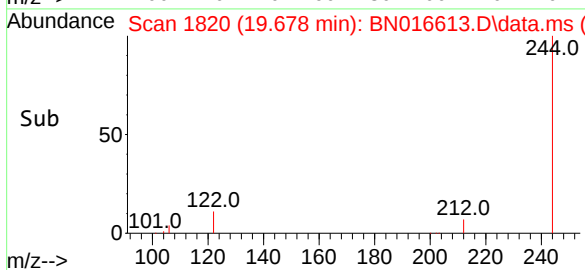
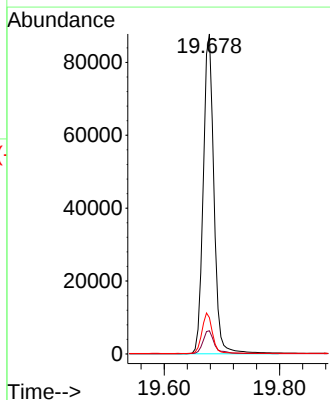
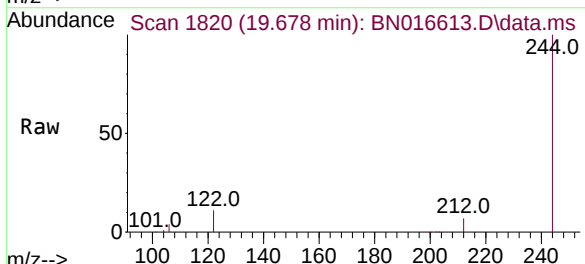
Instrument :
BNA_N
ClientSampleId :
RE103D2-20210920

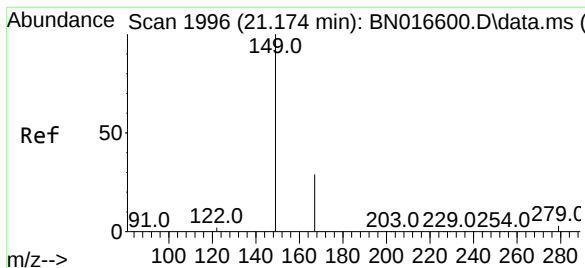
Tgt Ion:240 Resp: 117347
Ion Ratio Lower Upper
240 100
120 12.7 5.0 7.4#
236 26.8 20.4 30.6



#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion:244 Resp: 112108
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.4 10.1 15.1

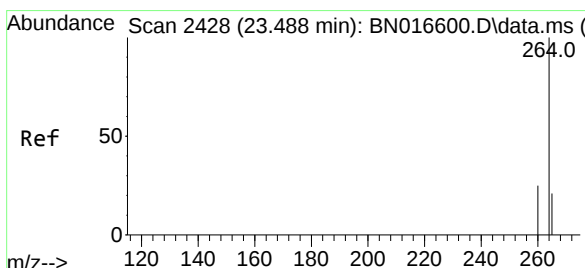
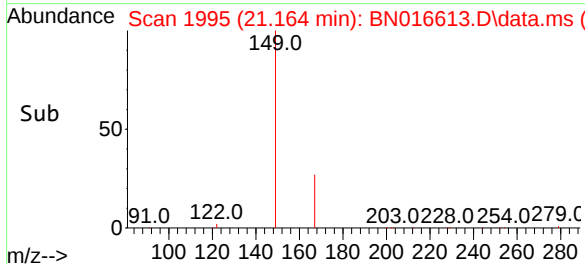
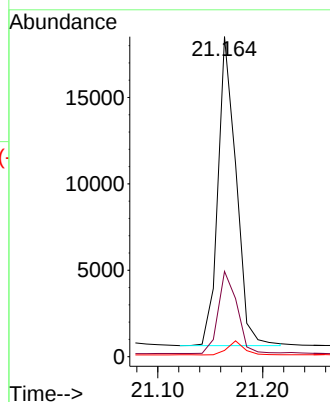
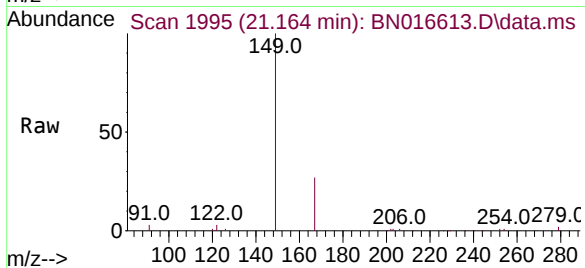




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016613.D
Acq: 30 Sep 2021 23:22

Instrument :
BNA_N
ClientSampleId :
RE103D2-20210920

Tgt Ion:	149	Resp:	21499
Ion Ratio	Lower	Upper	
149	100		
167	27.8	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: BN016613.D
Acq: 30 Sep 2021 23:22

Tgt Ion:	264	Resp:	115232
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.9	29.9
265	23.5	19.2	28.8

