

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016691.D
 Acq On : 03 Oct 2021 04:36
 Operator : CG/JU
 Sample : M3915-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210921

Quant Time: Oct 04 03:36:48 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)

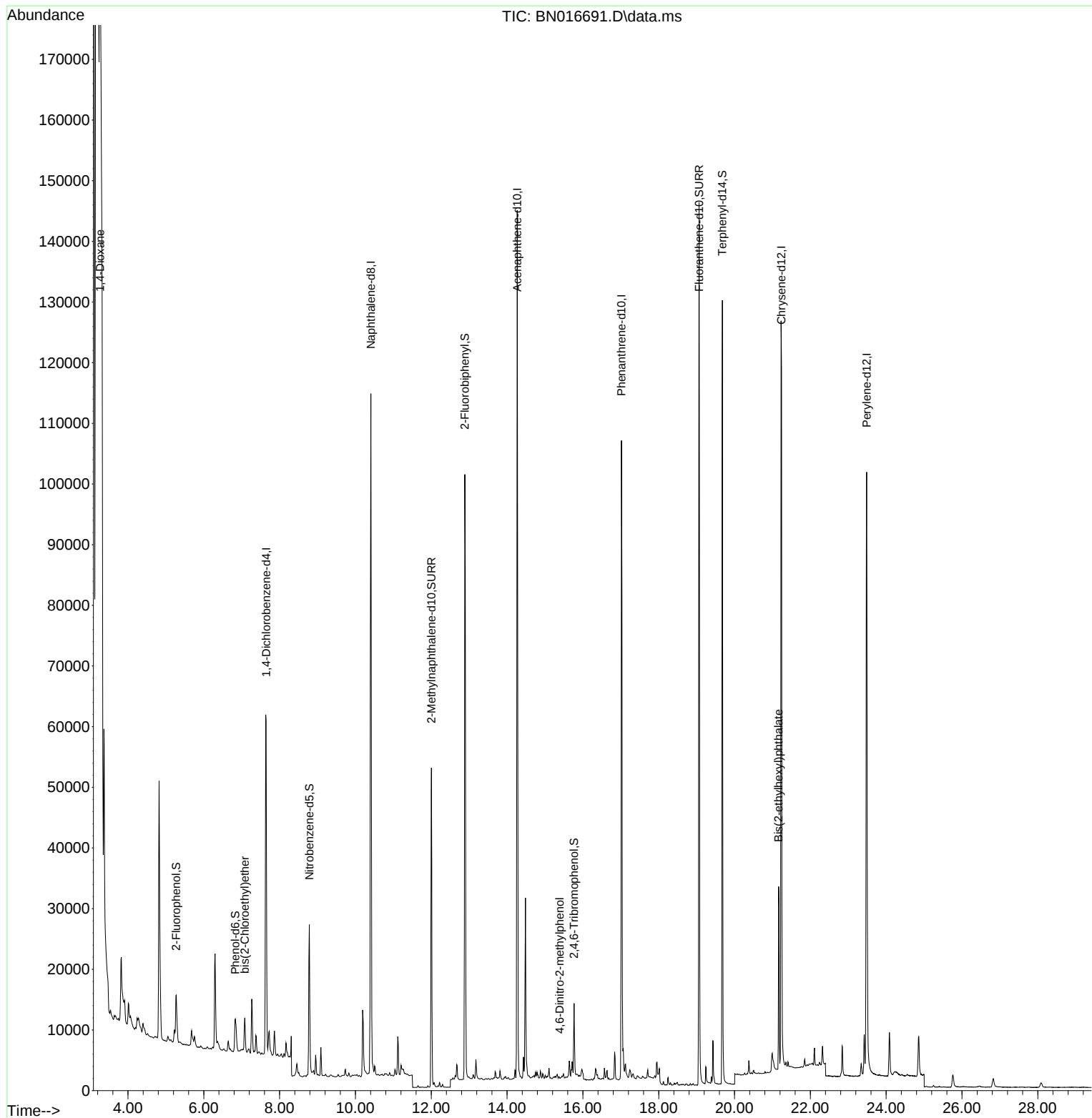
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	34012	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	150845	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	79189	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	149929	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	137354	0.400	ng	0.00
35) Perylene-d12	23.484	264	135214	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	10218	0.118	ng	0.02
5) Phenol-d6	6.831	99	6031	0.064	ng	0.00
8) Nitrobenzene-d5	8.784	82	23429	0.238	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	71914	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10430	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	94429	0.295	ng	-0.01
27) Fluoranthene-d10	19.068	212	167277	0.420	ng	0.00
31) Terphenyl-d14	19.678	244	130036	0.435	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.262	88	96337	6.154	ng	# 85
6) bis(2-Chloroethyl)ether	7.080	93	4692	0.051	ng	99
20) 4,6-Dinitro-2-methylph...	15.385	198	9	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.163	149	32356	0.192	ng	99

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

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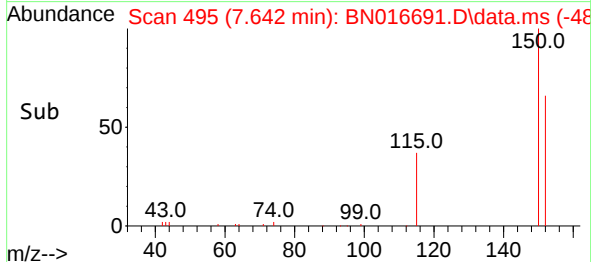
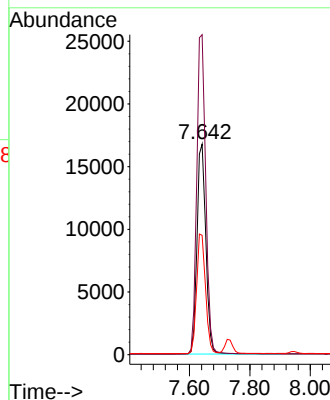
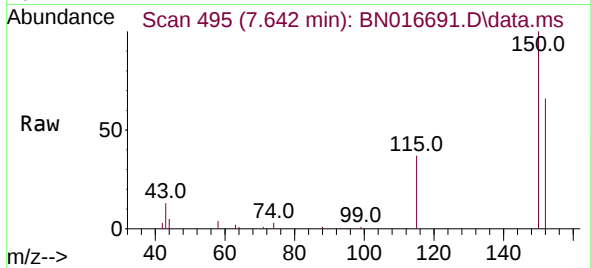




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016691.D
 Acq: 03 Oct 2021 04:36

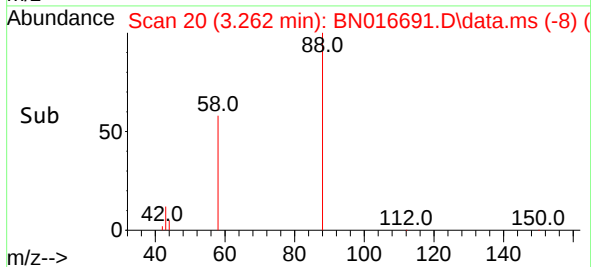
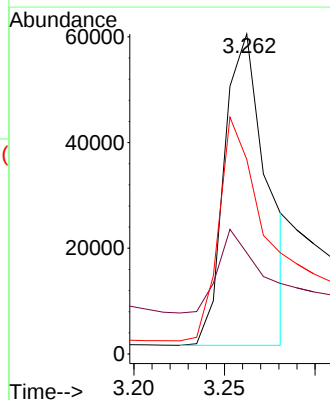
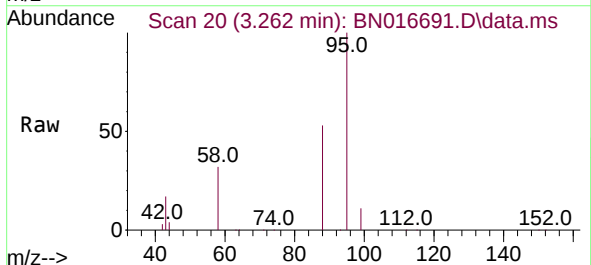
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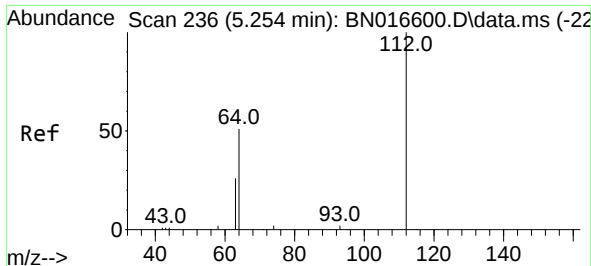
Tgt Ion:152 Resp: 34012
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.6 186.8
 115 56.7 46.5 69.7



#2
 1,4-Dioxane
 Concen: 6.154 ng
 RT: 3.262 min Scan# 20
 Delta R.T. 0.009 min
 Lab File: BN016691.D
 Acq: 03 Oct 2021 04:36

Tgt Ion: 88 Resp: 96337
 Ion Ratio Lower Upper
 88 100
 43 26.1 37.8 56.8#
 58 72.4 61.3 91.9

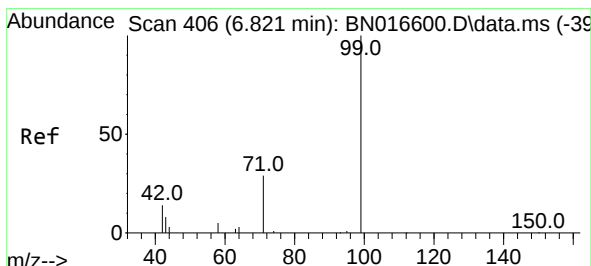
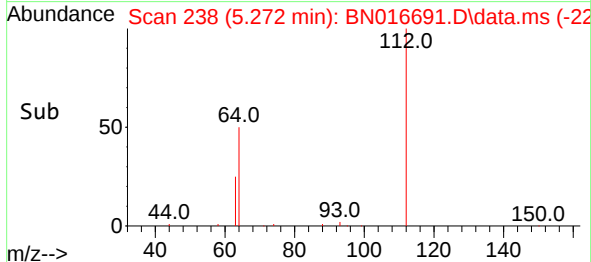
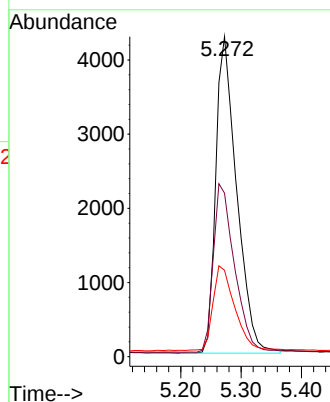
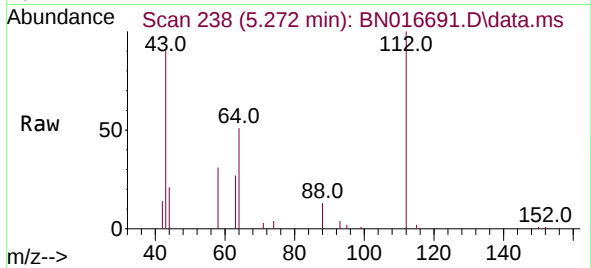




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

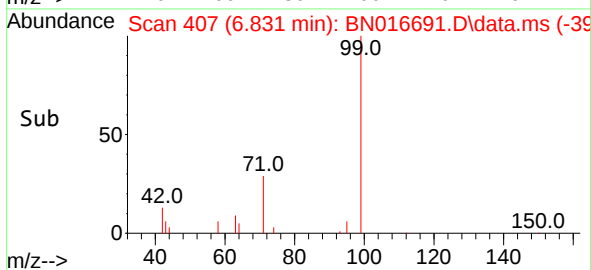
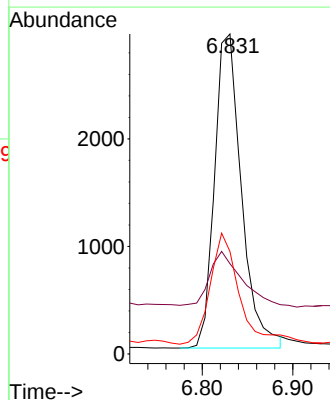
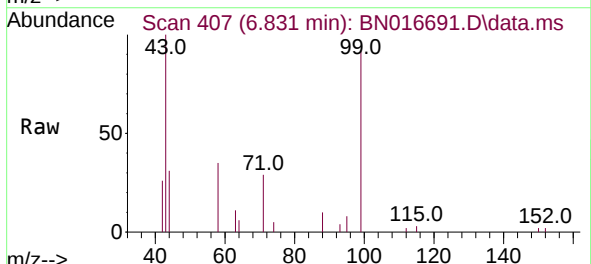
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210921

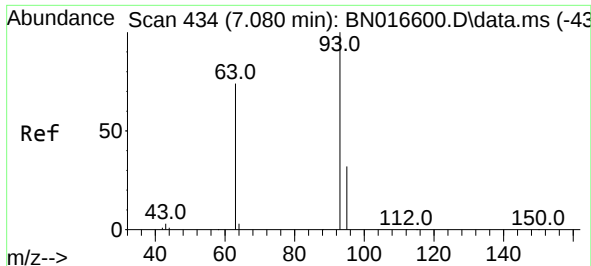
Tgt Ion:	112	Resp:	10218
Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.1	64.7
63	27.8	21.6	32.4



#5
Phenol-d6
Concen: 0.064 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

Tgt Ion:	99	Resp:	6031
Ion	Ratio	Lower	Upper
99	100		
42	19.7	13.0	19.6#
71	36.8	23.5	35.3#

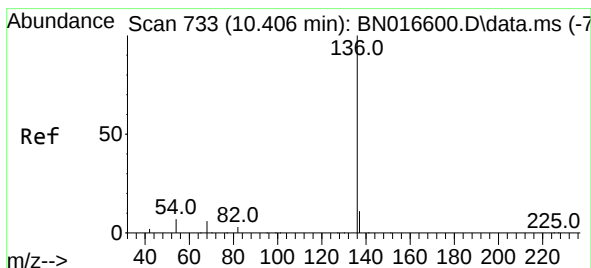
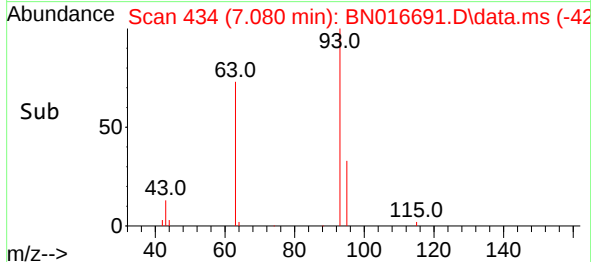
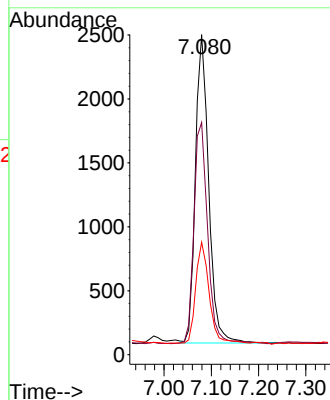
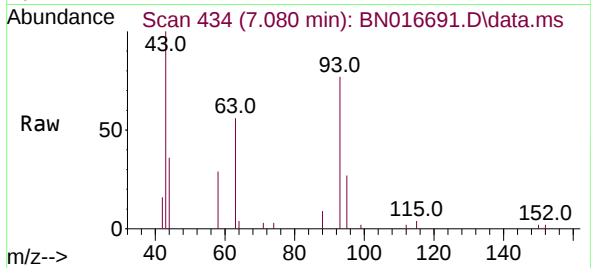




#6
bis(2-Chloroethyl)ether
Concen: 0.051 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

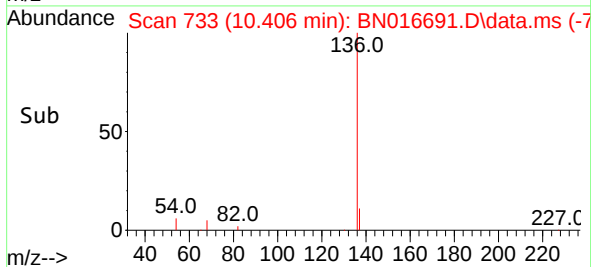
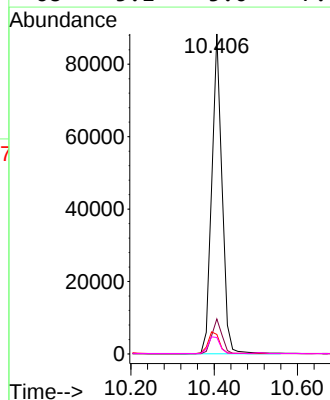
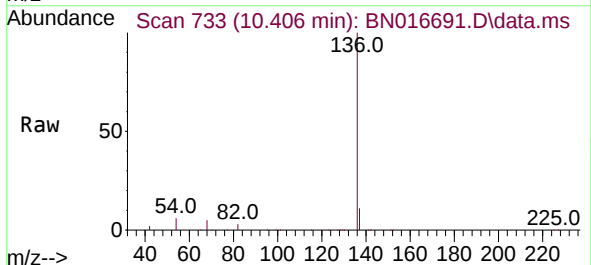
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210921

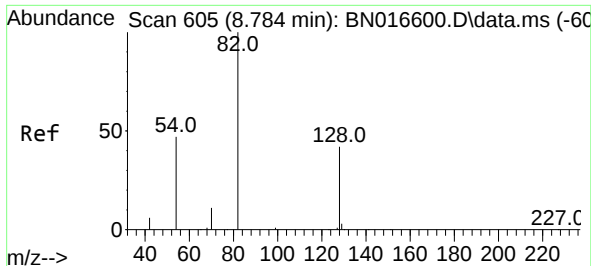
Tgt Ion: 93	Resp: 4692
Ion Ratio	Lower Upper
93 100	
63 74.4	59.1 88.7
95 33.3	26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

Tgt	Ion:136	Resp:	150845
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.1	5.9	8.9
68	5.1	5.0	7.6

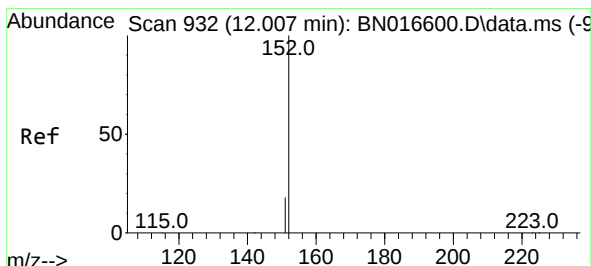
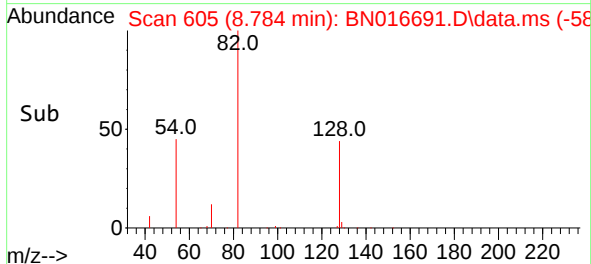
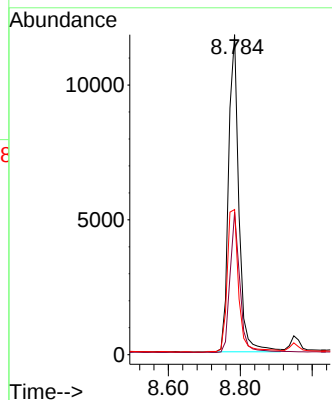
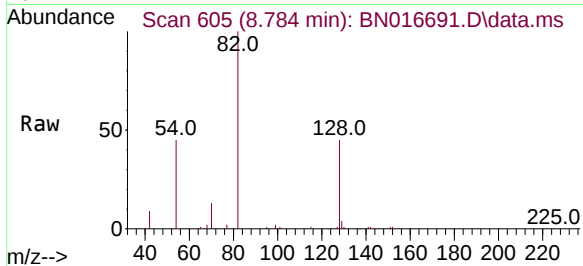




#8
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

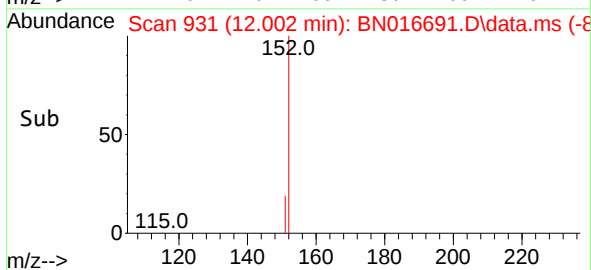
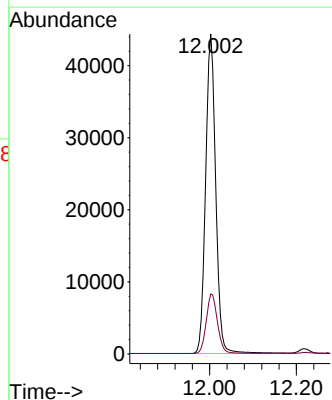
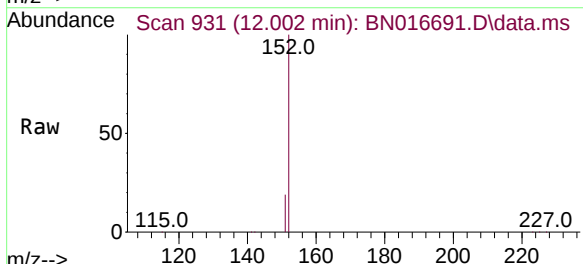
Instrument :
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TT101D1-20210921

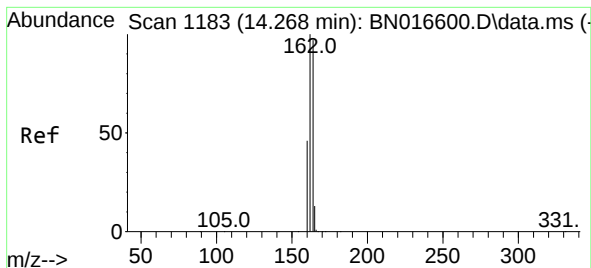
Tgt Ion: 82 Resp: 23429
Ion Ratio Lower Upper
82 100
128 44.5 33.6 50.4
54 45.3 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

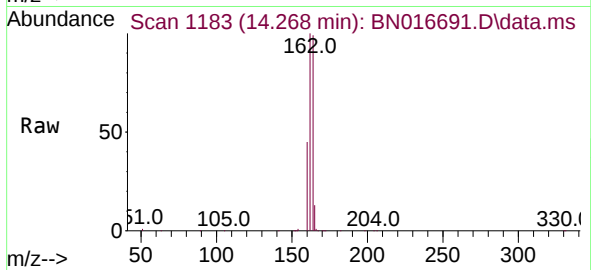
Tgt Ion: 152 Resp: 71914
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4



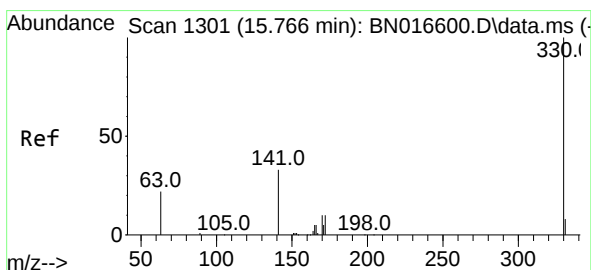
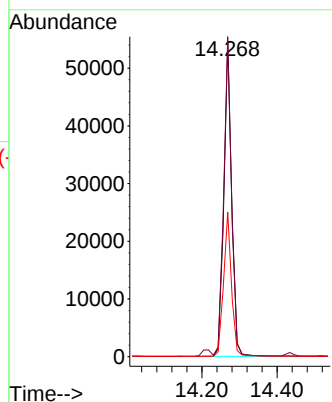
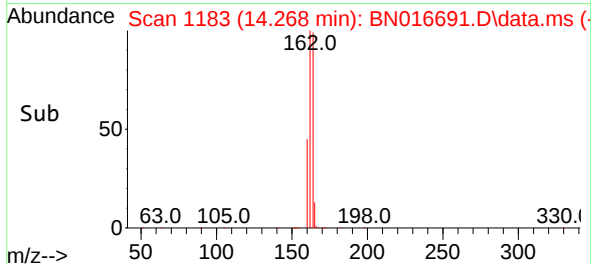


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

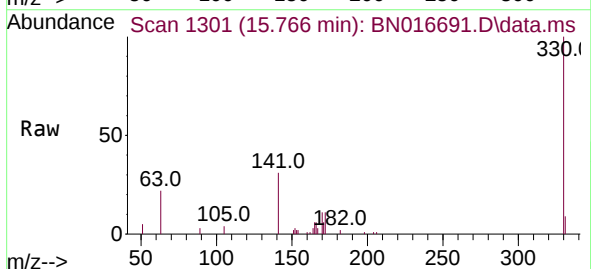
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BNA_N
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TT101D1-20210921



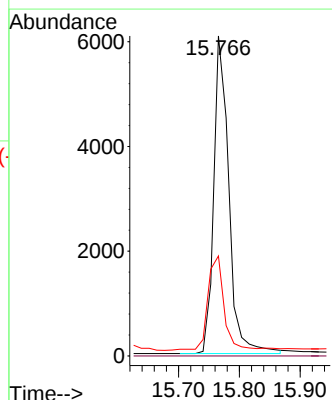
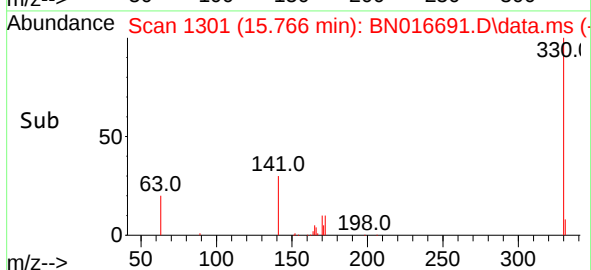
Tgt Ion:164 Resp: 79189
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 45.8 37.7 56.5

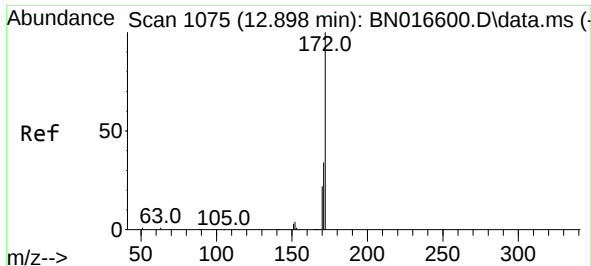


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36



Tgt Ion:330 Resp: 10430
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.4 25.2 37.8

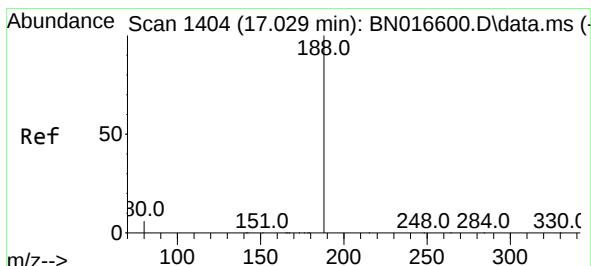
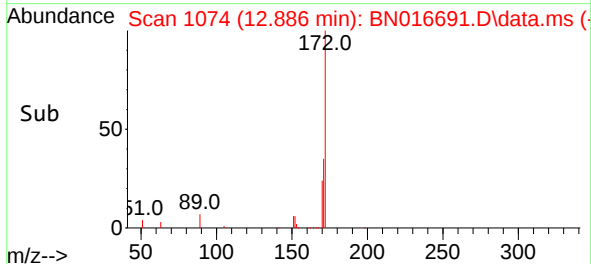
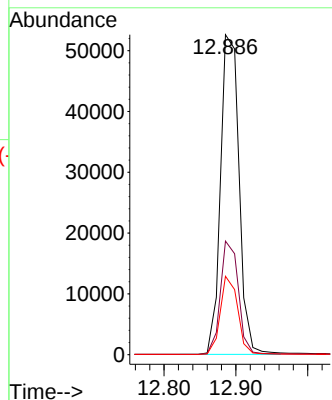
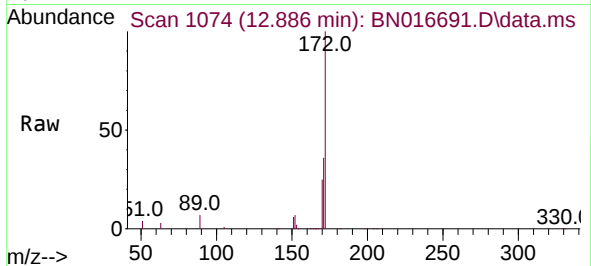




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

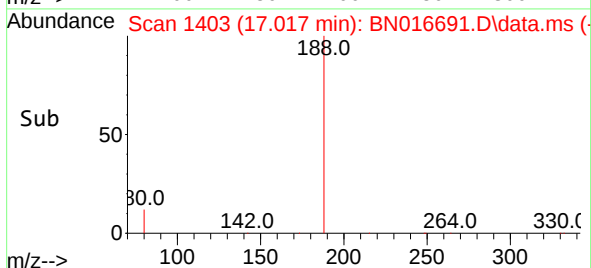
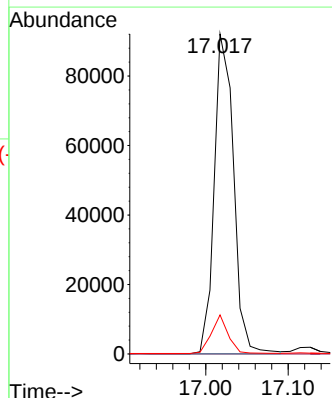
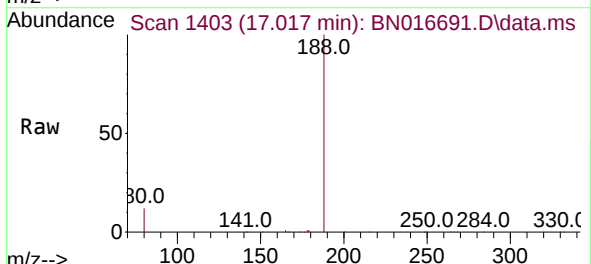
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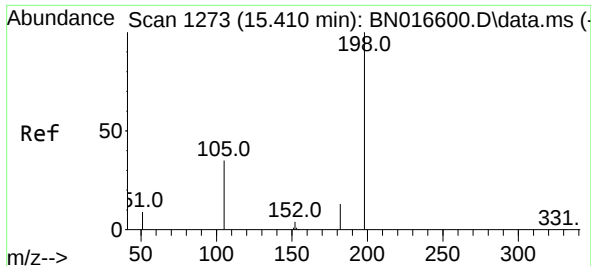
Tgt Ion:172 Resp: 94429
Ion Ratio Lower Upper
172 100
171 35.5 27.0 40.4
170 24.5 17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

Tgt Ion:188 Resp: 149929
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 5.0 7.6#

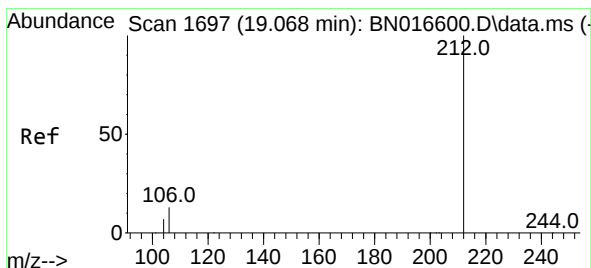
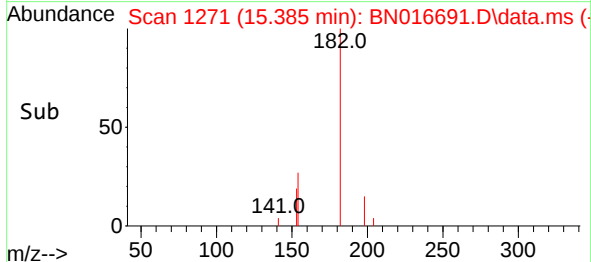
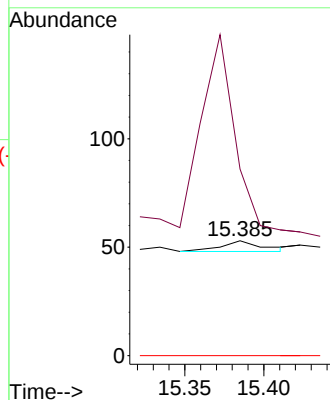
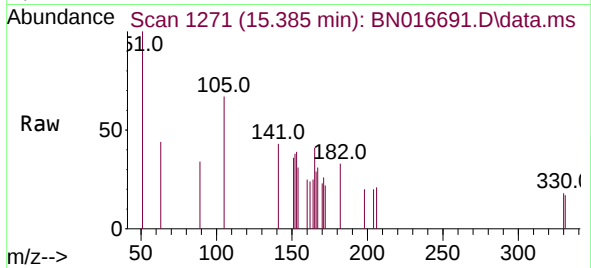




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

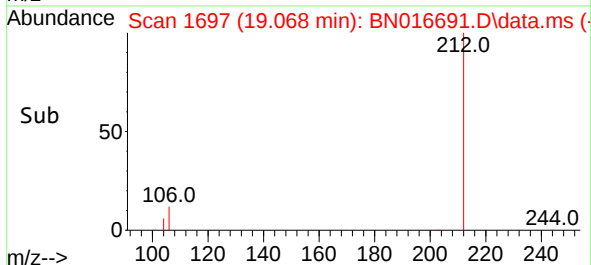
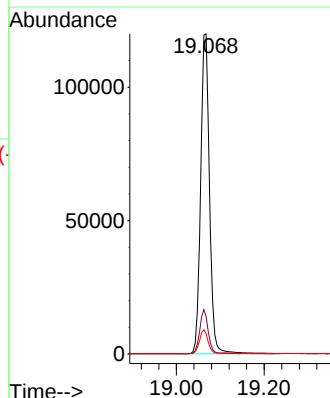
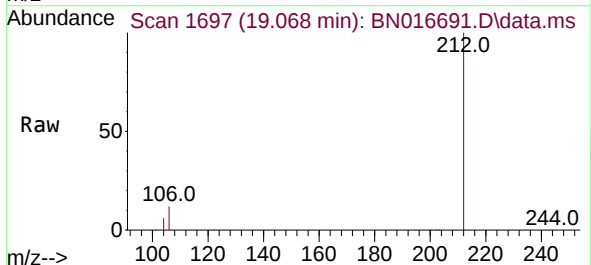
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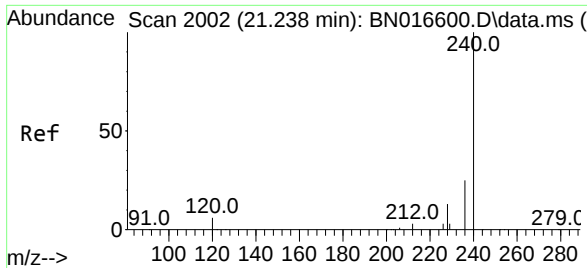
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 162.3 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

Tgt Ion:212 Resp: 167277
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.1 5.9 8.9

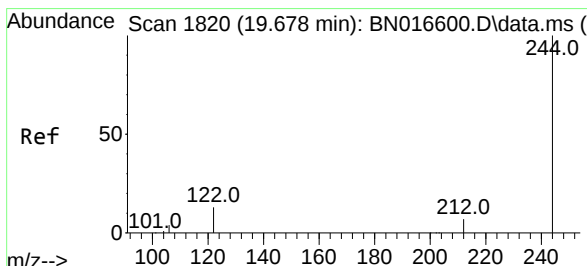
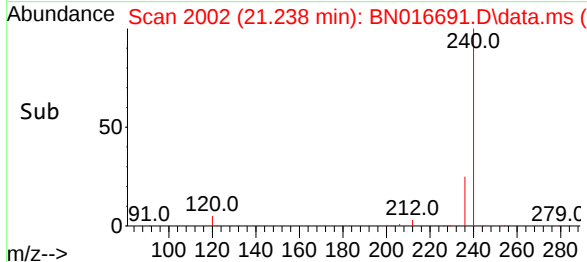
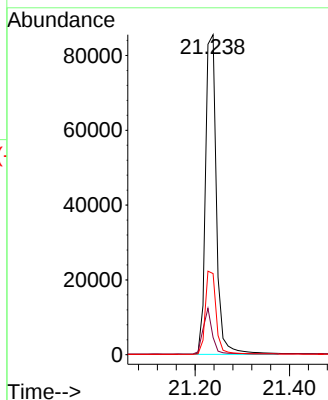
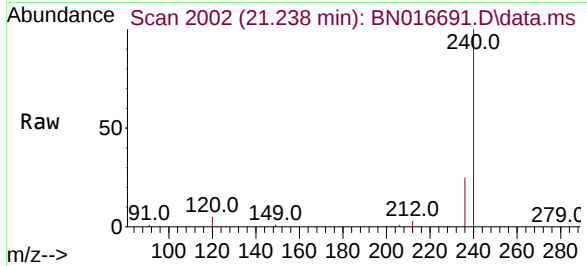




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

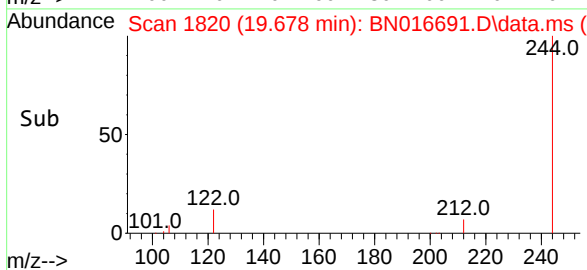
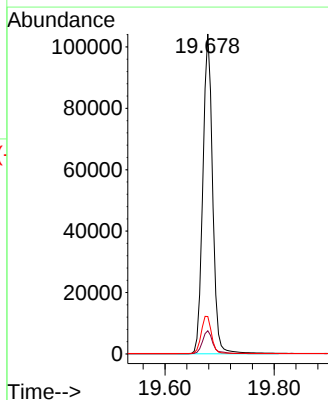
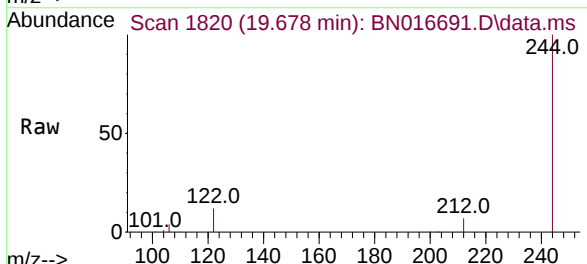
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210921

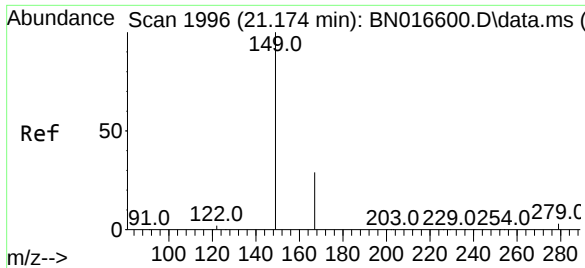
Tgt Ion:240 Resp: 137354
Ion Ratio Lower Upper
240 100
120 5.4 5.0 7.4
236 25.3 20.4 30.6



#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016691.D
Acq: 03 Oct 2021 04:36

Tgt Ion:244 Resp: 130036
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.7 10.1 15.1

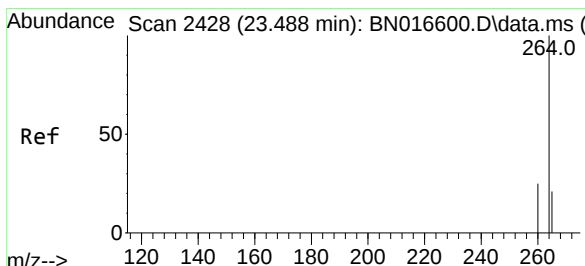
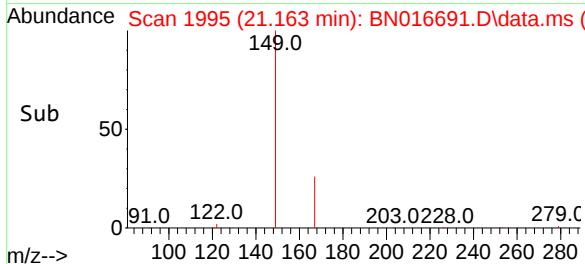
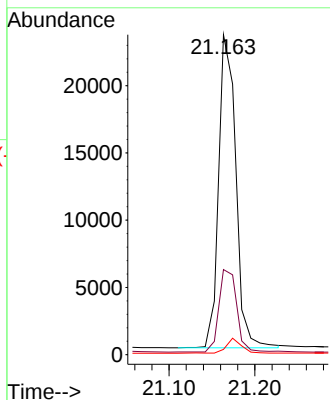
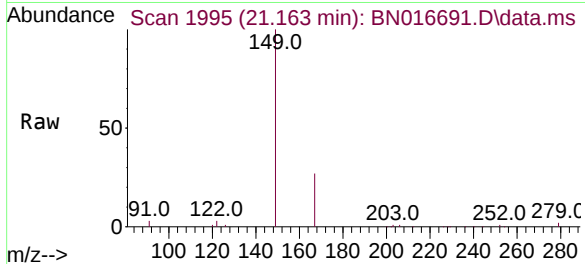




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.192 ng
 RT: 21.163 min Scan# 1995
 Delta R.T. -0.011 min
 Lab File: BN016691.D
 Acq: 03 Oct 2021 04:36

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210921

Tgt Ion:149	Resp:	32356
Ion Ratio	Lower	Upper
149	100	
167	27.1	22.2 33.4
279	4.2	3.2 4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016691.D
 Acq: 03 Oct 2021 04:36

Tgt Ion:264	Resp:	135214
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.9 29.9
265	22.6	19.2 28.8

