

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016835.D
 Acq On : 08 Oct 2021 09:19
 Operator : CG/JU
 Sample : M4020-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-819-N-SO-1-1.5-093021

Quant Time: Oct 08 12:19:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

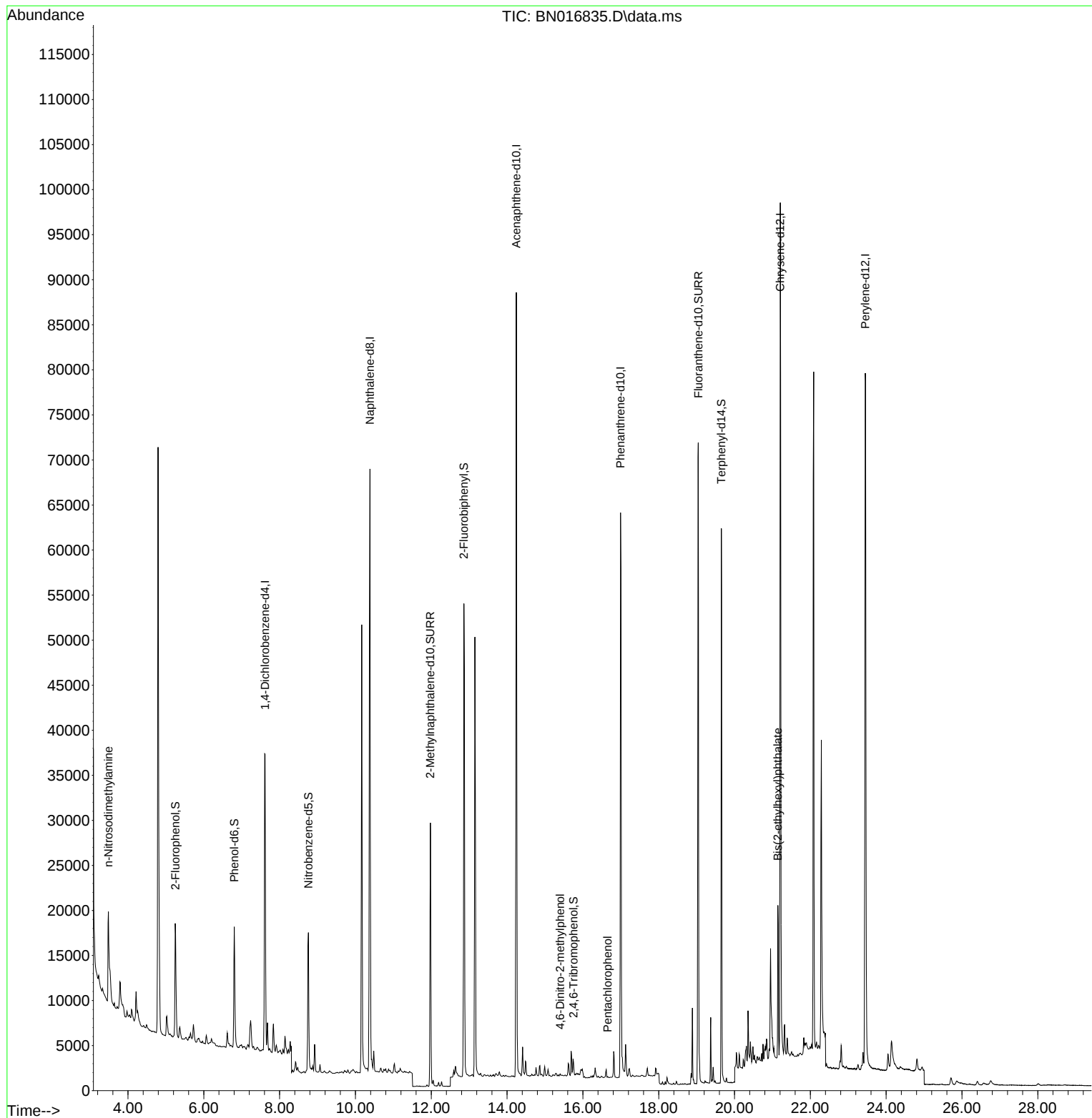
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20156	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	91994	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	48354	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	94580	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	97178	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	103765	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	13821	0.274	ng	0.03
5) Phenol-d6	6.803	99	14273	0.249	ng	0.00
8) Nitrobenzene-d5	8.759	82	15112	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	40069	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	1709	0.068	ng	0.00
15) 2-Fluorobiphenyl	12.860	172	50541	0.259	ng	-0.01
27) Fluoranthene-d10	19.043	212	81597	0.311	ng	0.00
31) Terphenyl-d14	19.654	244	60970	0.288	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.484	42	3170	0.200	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.398	198	5	0.207	ng	# 1
24) Pentachlorophenol	16.652	266	77	0.106	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.142	149	17812	0.117	ng	98

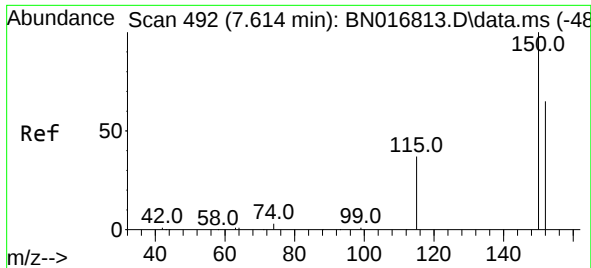
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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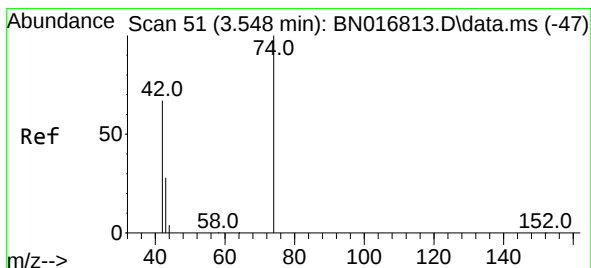
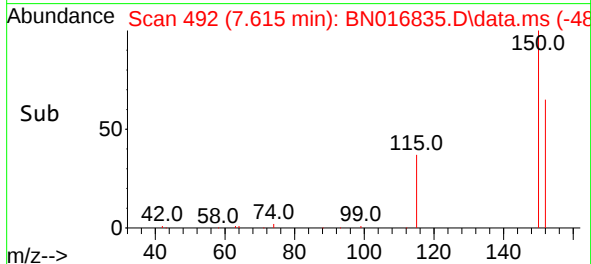
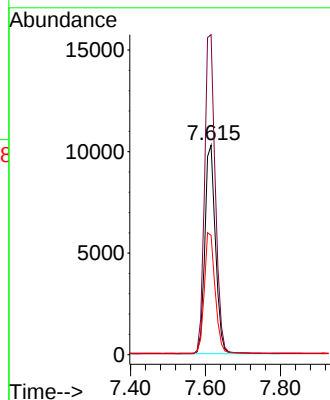
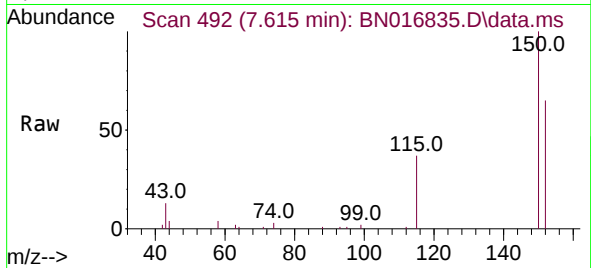




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.615 min Scan# 492
 Delta R.T. 0.001 min
 Lab File: BN016835.D
 Acq: 08 Oct 2021 09:19

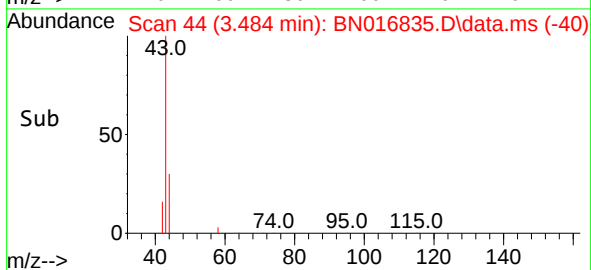
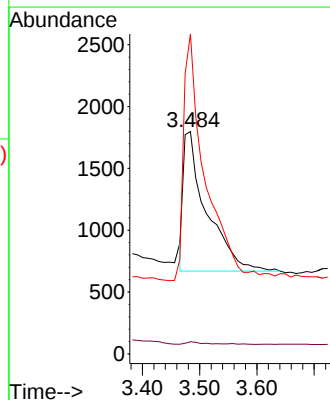
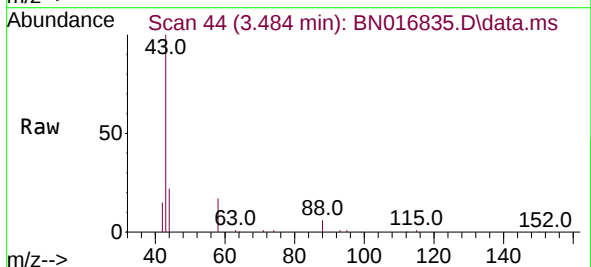
Instrument :
 BNA_N
 ClientSampleId :
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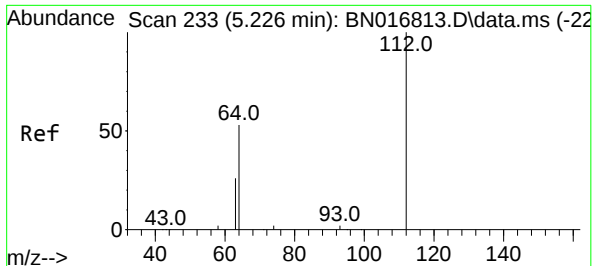
Tgt Ion:152 Resp: 20156
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.3 184.9
 115 57.0 47.0 70.6



#3
 n-Nitrosodimethylamine
 Concen: 0.200 ng
 RT: 3.484 min Scan# 44
 Delta R.T. -0.064 min
 Lab File: BN016835.D
 Acq: 08 Oct 2021 09:19

Tgt Ion: 42 Resp: 3170
 Ion Ratio Lower Upper
 42 100
 74 1.1 124.0 186.0#
 44 152.0 5.6 8.4#

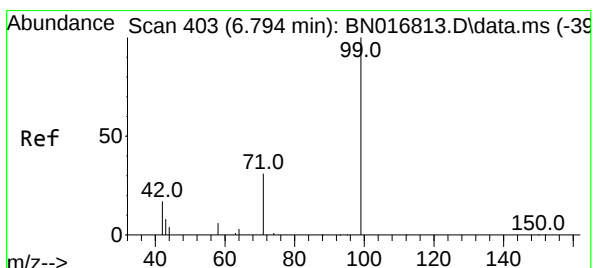
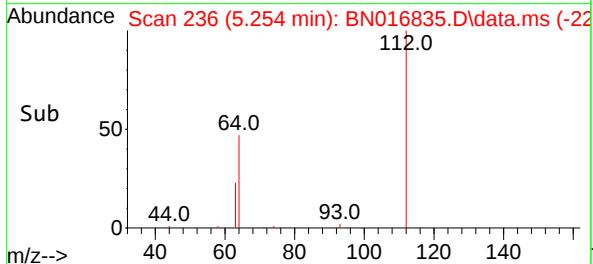
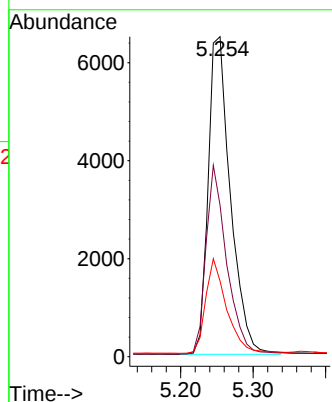
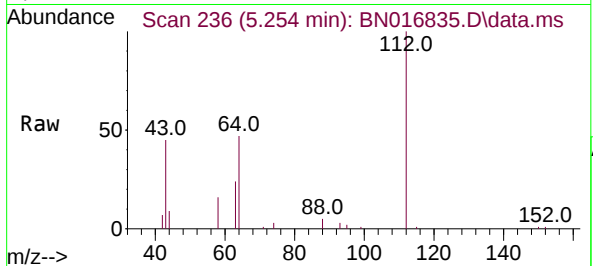




#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

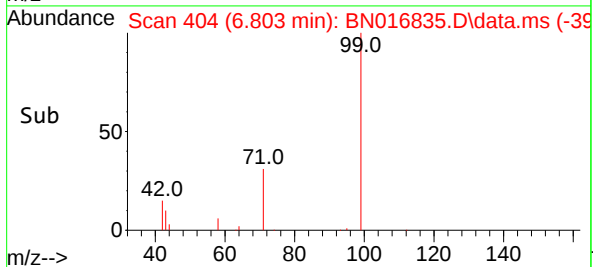
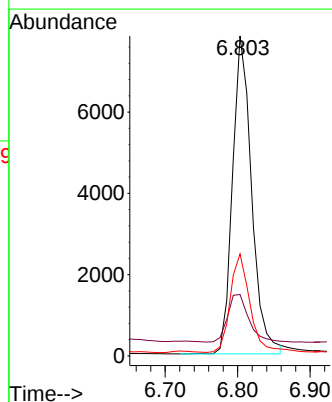
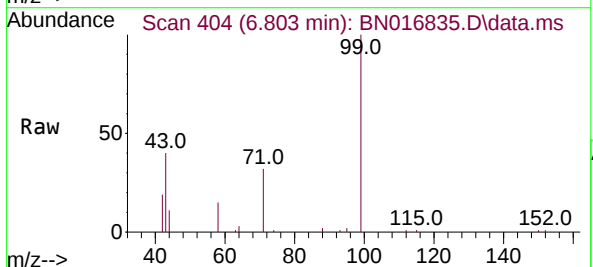
Instrument :
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ClientSampleId :
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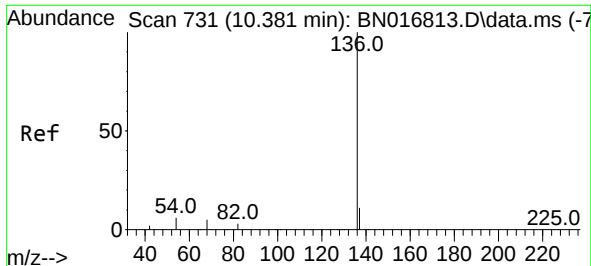
Tgt Ion:	112	Resp:	13821
Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.9	64.3
63	28.1	21.5	32.3



#5
Phenol-d6
Concen: 0.249 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

Tgt Ion:	99	Resp:	14273
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	31.7	24.0	36.0

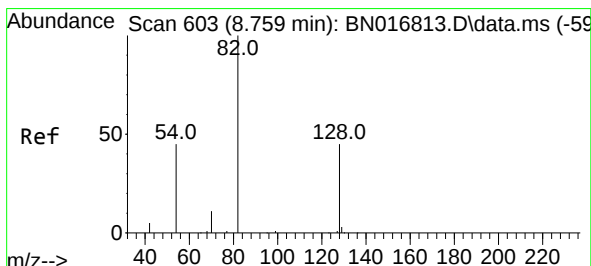
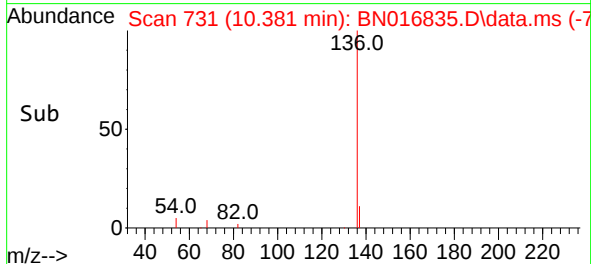
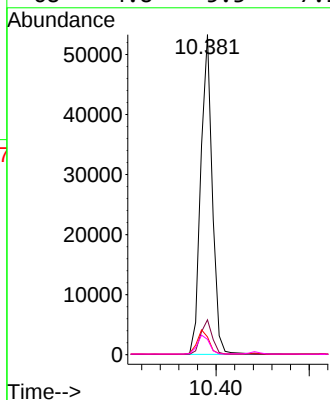
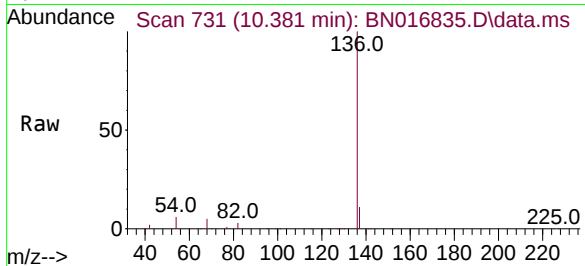




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

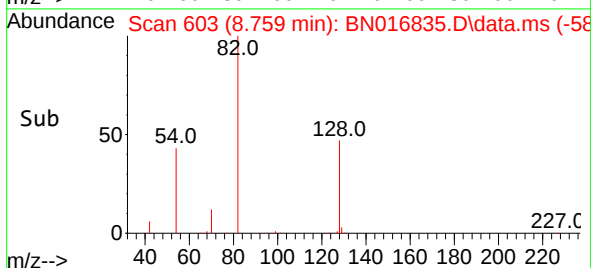
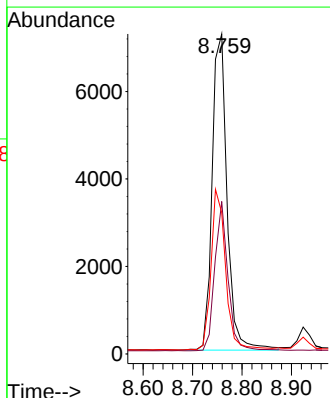
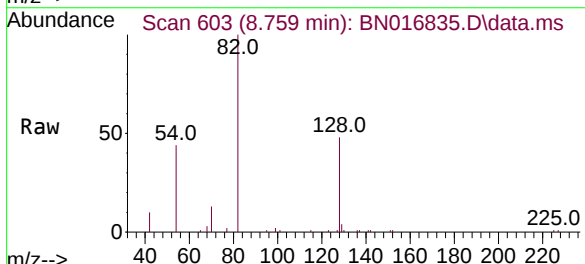
Instrument :
BNA_N
ClientSampleId :
S-819-N-SO-1-1.5-093021

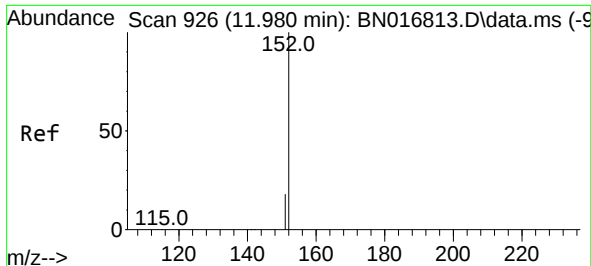
Tgt Ion:	136	Resp:	91994
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	5.5	6.5	9.7#
68	4.8	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

Tgt Ion:	82	Resp:	15112
Ion Ratio	Lower	Upper	
82	100		
128	47.7	33.8	50.6
54	44.1	38.5	57.7

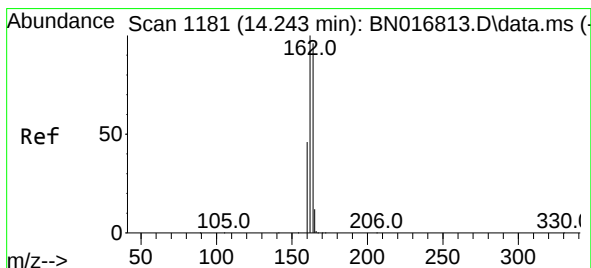
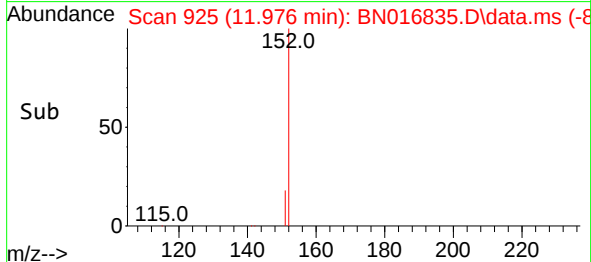
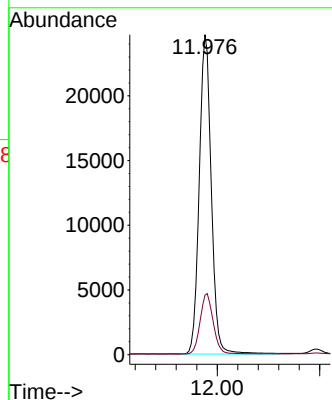
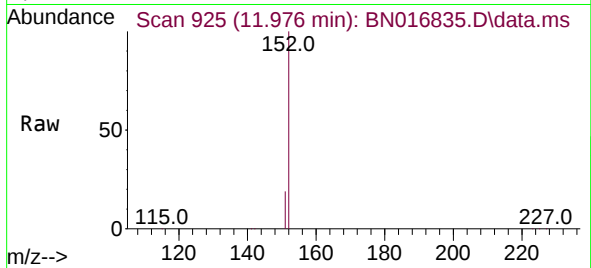




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

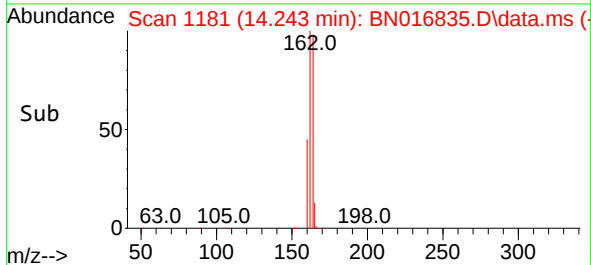
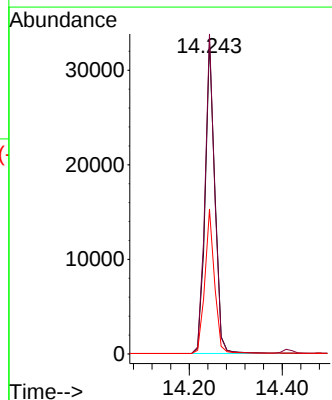
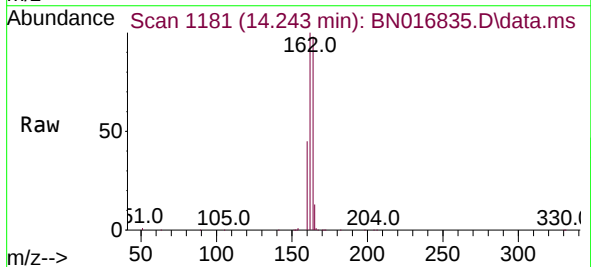
Instrument :
BNA_N
ClientSampleId :
S-819-N-SO-1-1.5-093021

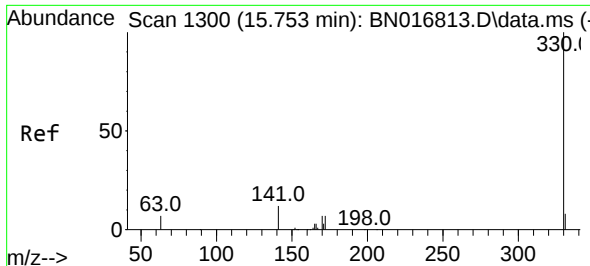
Tgt Ion:152 Resp: 40069
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

Tgt Ion:164 Resp: 48354
Ion Ratio Lower Upper
164 100
162 102.0 82.6 124.0
160 46.0 38.2 57.2

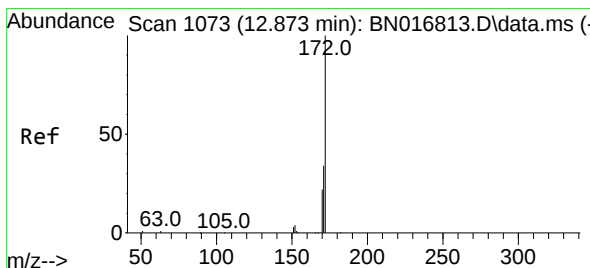
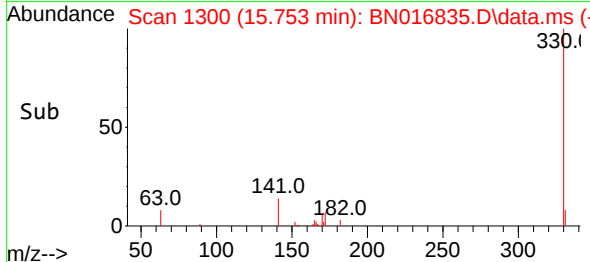
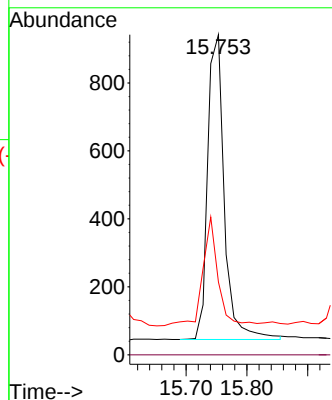
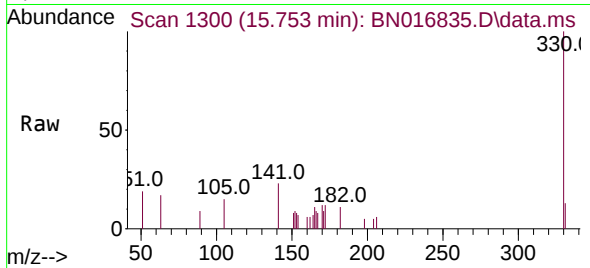




#14
2,4,6-Tribromophenol
Concen: 0.068 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

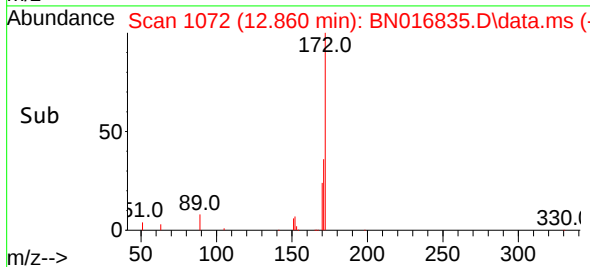
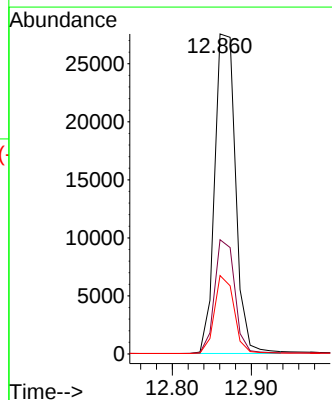
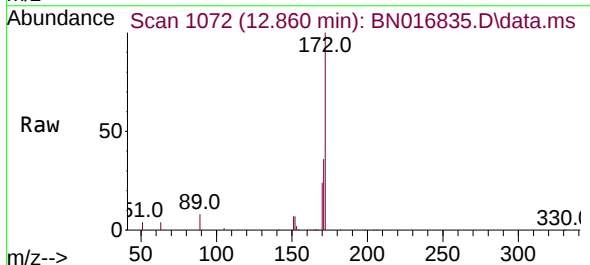
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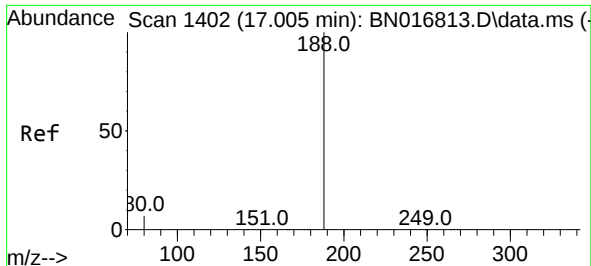
Tgt Ion: 330 Resp: 1709
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.013 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

Tgt Ion: 172 Resp: 50541
Ion Ratio Lower Upper
172 100
171 35.7 26.9 40.3
170 24.5 17.4 26.0

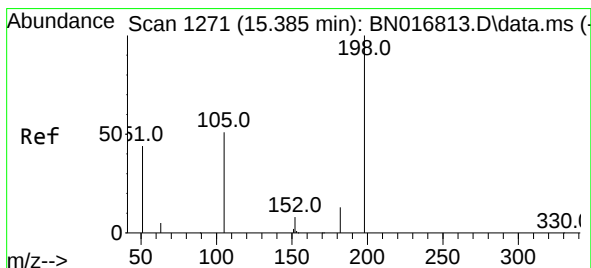
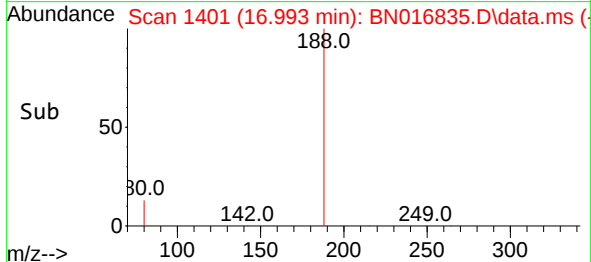
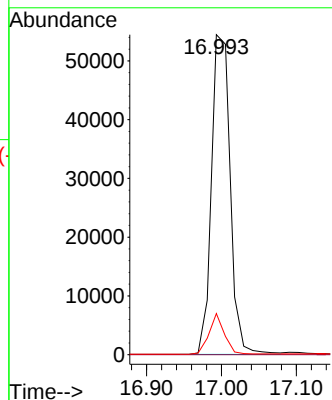
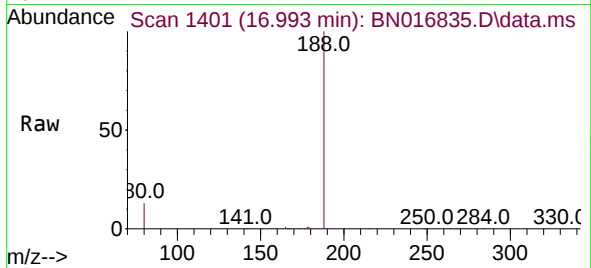




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

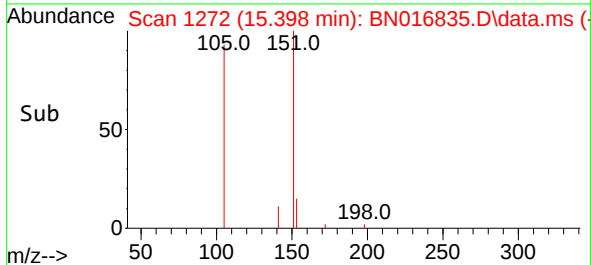
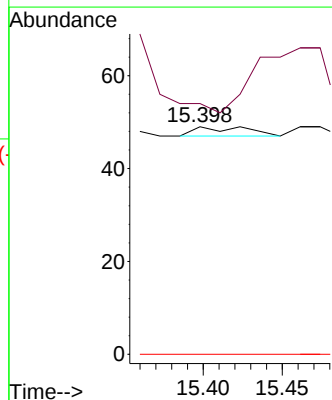
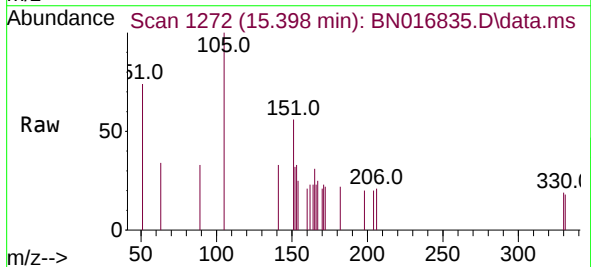
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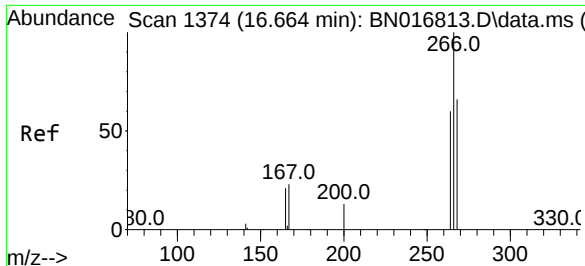
Tgt Ion:188 Resp: 94580
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.207 ng
RT: 15.398 min Scan# 1272
Delta R.T. 0.013 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 110.2 26.2 39.2#
77 0.0 0.0 0.0

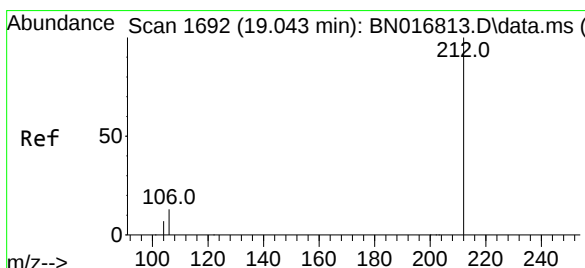
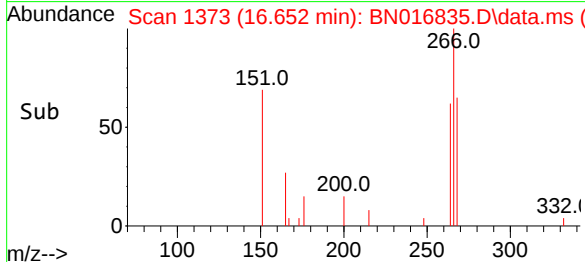
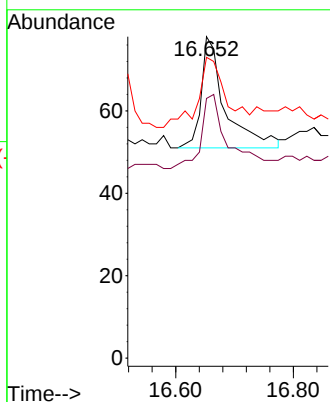
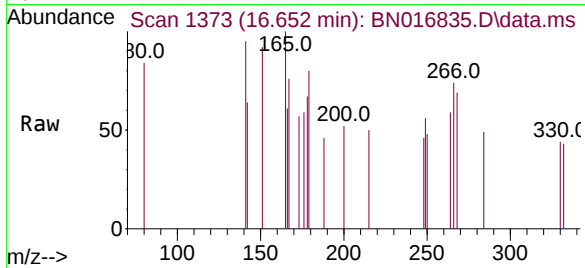




#24
 Pentachlorophenol
 Concen: 0.106 ng
 RT: 16.652 min Scan# 1373
 Delta R.T. -0.012 min
 Lab File: BN016835.D
 Acq: 08 Oct 2021 09:19

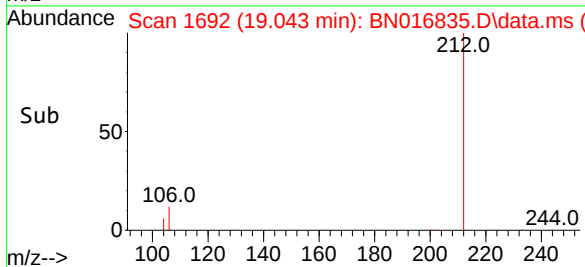
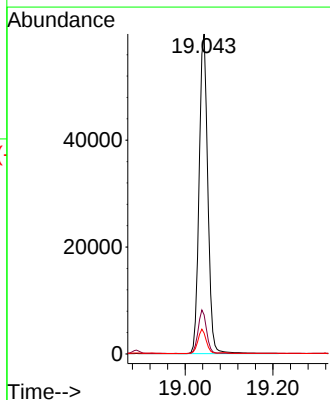
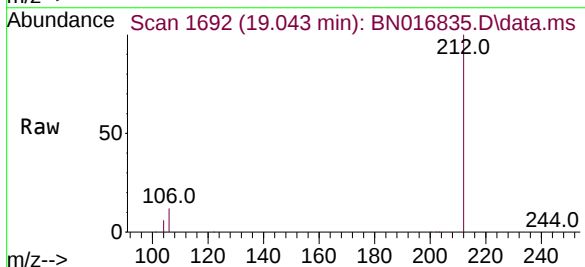
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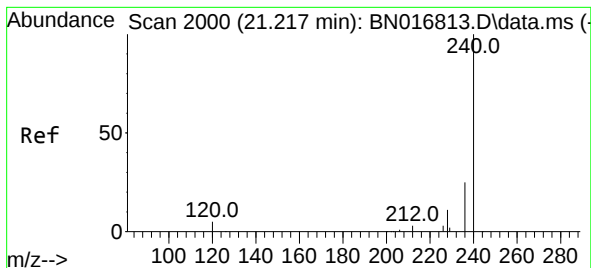
Tgt Ion:	266	Resp:	77
Ion Ratio	Lower	Upper	
266	100		
264	74.0	49.3	73.9#
268	74.0	51.8	77.8



#27
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 19.043 min Scan# 1692
 Delta R.T. 0.000 min
 Lab File: BN016835.D
 Acq: 08 Oct 2021 09:19

Tgt Ion:	212	Resp:	81597
Ion Ratio	Lower	Upper	
212	100		
106	13.3	10.6	16.0
104	7.2	5.8	8.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.206 min Scan# 1999

Delta R.T. -0.010 min

Lab File: BN016835.D

Acq: 08 Oct 2021 09:19

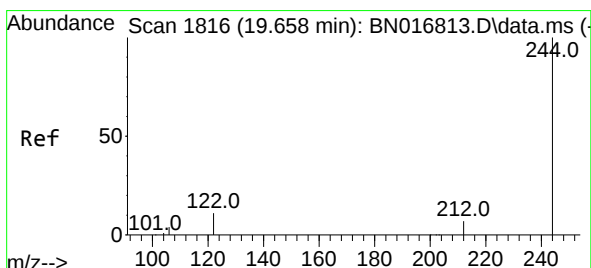
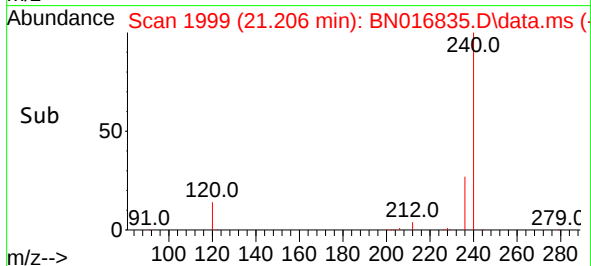
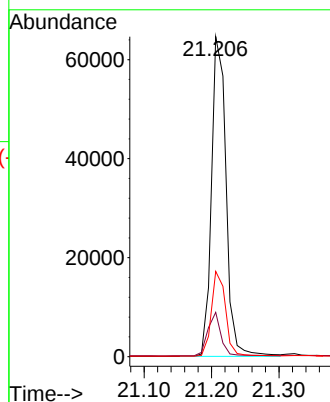
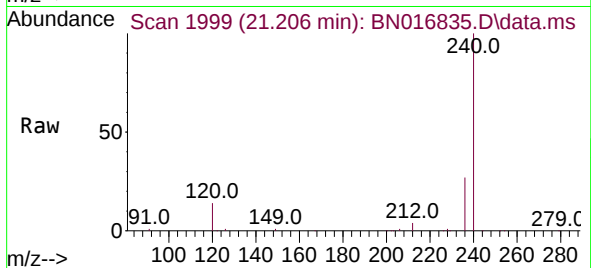
Instrument :

BNA_N

ClientSampleId :

S-819-N-SO-1-1.5-093021

Tgt Ion:240	Resp:	97178
Ion Ratio	Lower	Upper
240	100	
120	13.9	6.6 10.0#
236	26.7	20.7 31.1



#31

Terphenyl-d14

Concen: 0.288 ng

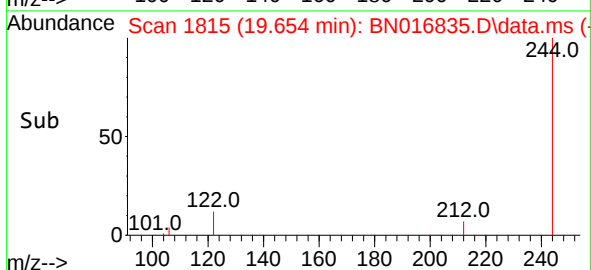
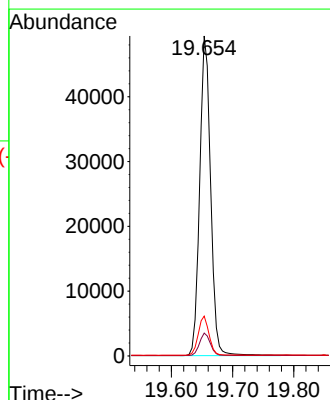
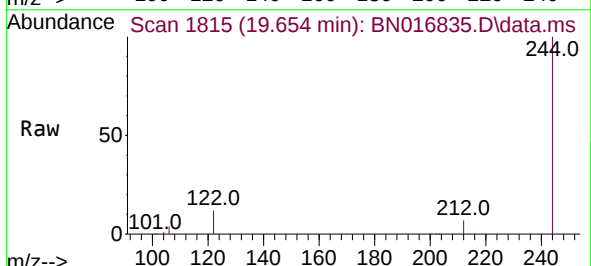
RT: 19.654 min Scan# 1815

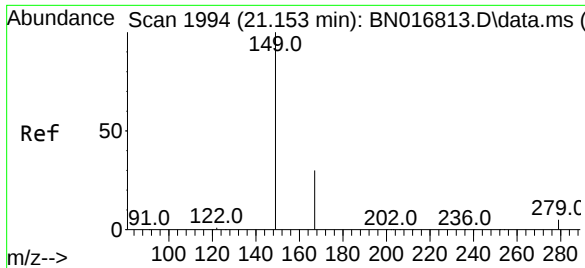
Delta R.T. -0.005 min

Lab File: BN016835.D

Acq: 08 Oct 2021 09:19

Tgt Ion:244	Resp:	60970
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	12.4	8.9 13.3

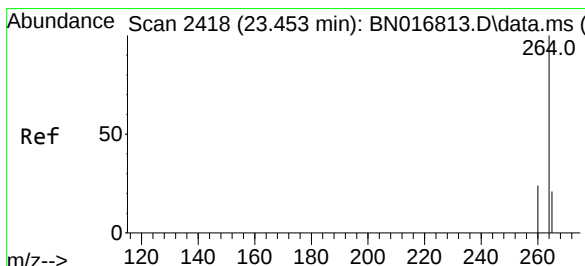
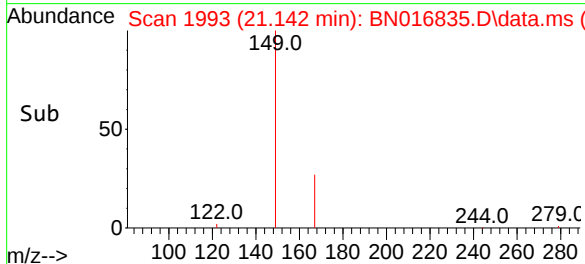
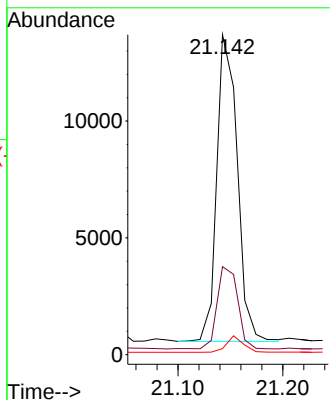
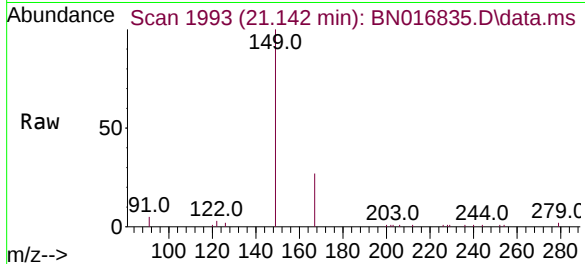




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.142 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

Instrument :
BNA_N
ClientSampleId :
S-819-N-SO-1-1.5-093021

Tgt Ion:149	Resp:	17812
Ion Ratio	Lower	Upper
149	100	
167	26.9	22.2 33.4
279	4.4	3.4 5.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.450 min Scan# 2417
Delta R.T. -0.003 min
Lab File: BN016835.D
Acq: 08 Oct 2021 09:19

Tgt Ion:264	Resp:	103765
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.8 29.6
265	23.0	20.3 30.5

