

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016836.D
 Acq On : 08 Oct 2021 09:55
 Operator : CG/JU
 Sample : M4020-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Oct 08 12:19:44 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)

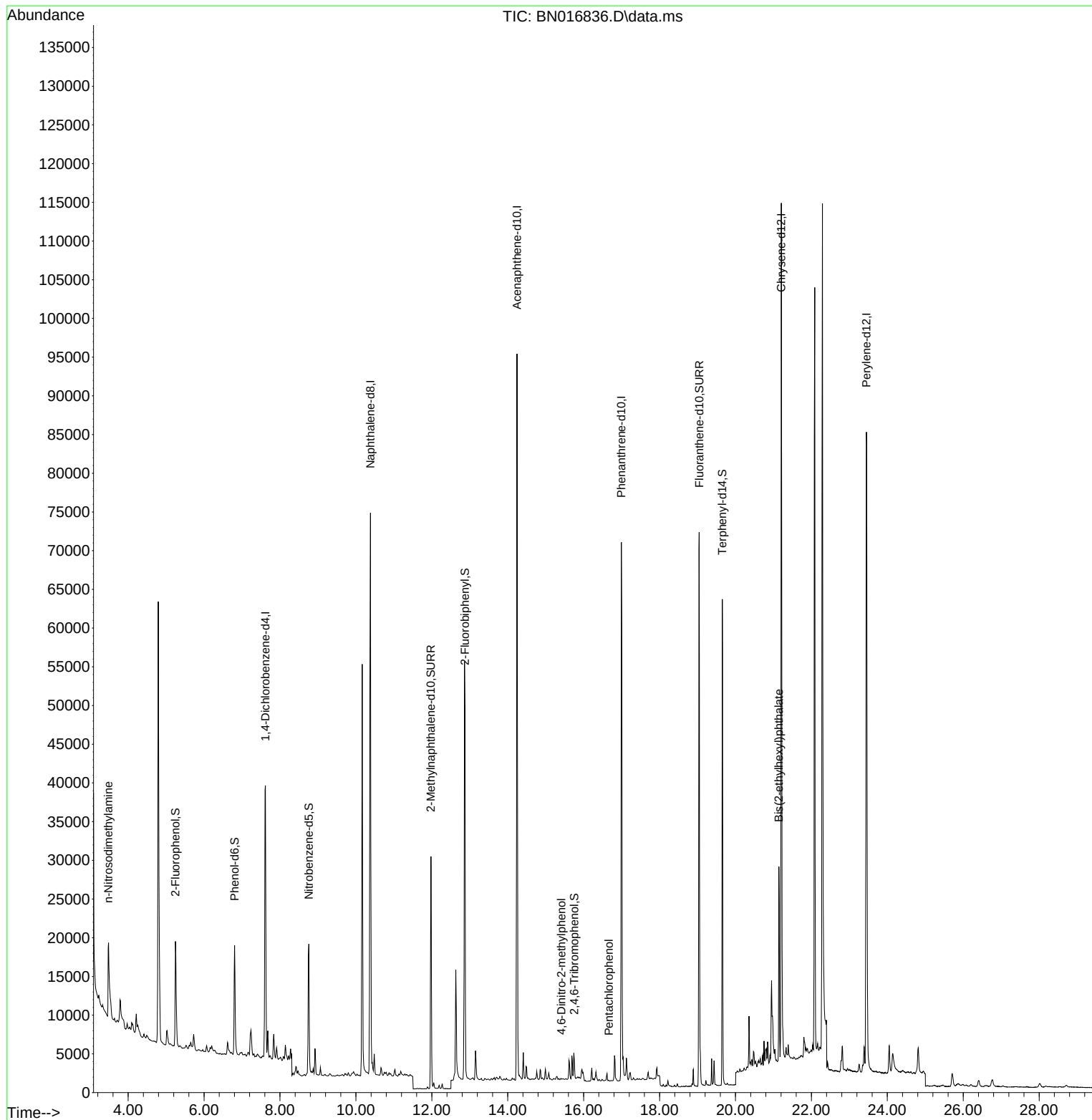
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	21483	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	98719	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	52393	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	102024	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	106002	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	112818	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	14668	0.273	ng	0.02
5) Phenol-d6	6.803	99	15187	0.249	ng	0.00
8) Nitrobenzene-d5	8.759	82	16339	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	41438	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	3097	0.114	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	52817	0.250	ng	0.00
27) Fluoranthene-d10	19.043	212	80712	0.285	ng	0.00
31) Terphenyl-d14	19.654	244	61556	0.266	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.475	42	2979	0.177	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.411	198	11	0.208	ng	# 1
24) Pentachlorophenol	16.665	266	61	0.105	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.143	149	25373	0.152	ng	98

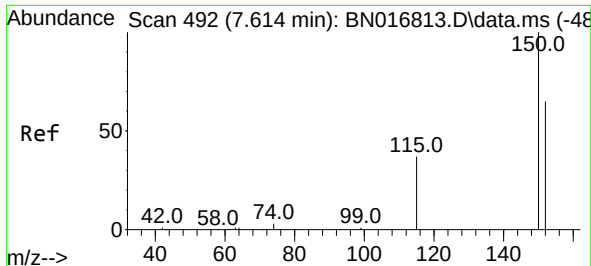
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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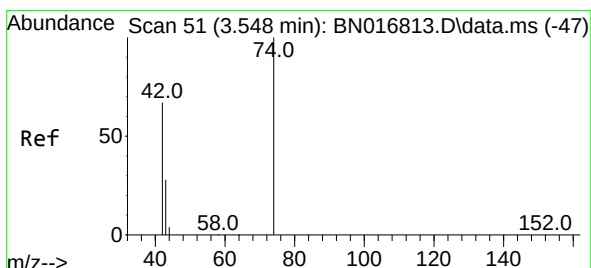
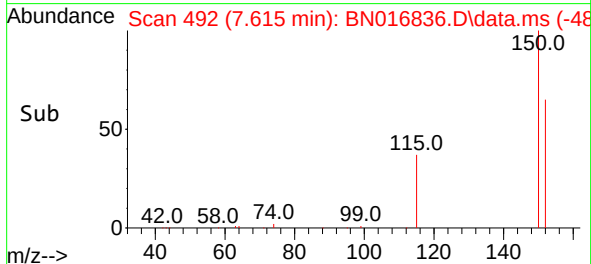
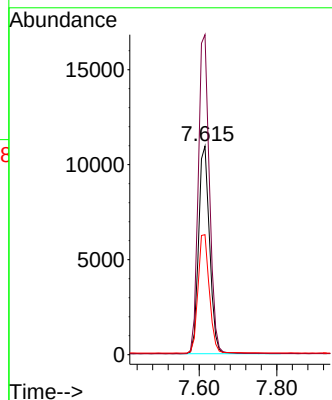
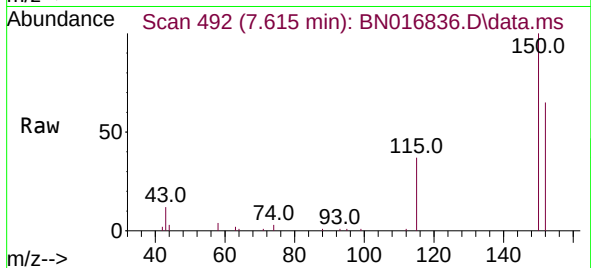




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

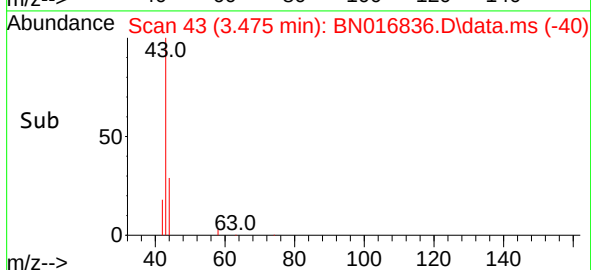
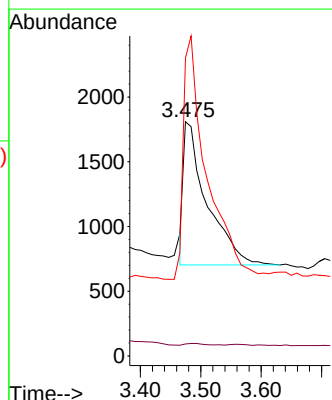
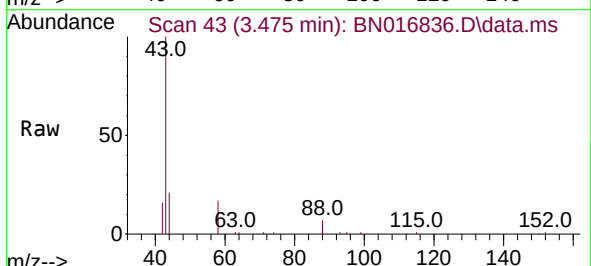
Instrument :
BNA_N
ClientSampleId :
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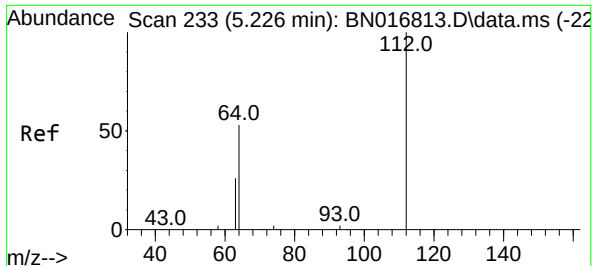
Tgt Ion:152 Resp: 21483
Ion Ratio Lower Upper
152 100
150 153.5 123.3 184.9
115 57.6 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.177 ng
RT: 3.475 min Scan# 43
Delta R.T. -0.074 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion: 42 Resp: 2979
Ion Ratio Lower Upper
42 100
74 1.1 124.0 186.0#
44 155.5 5.6 8.4#

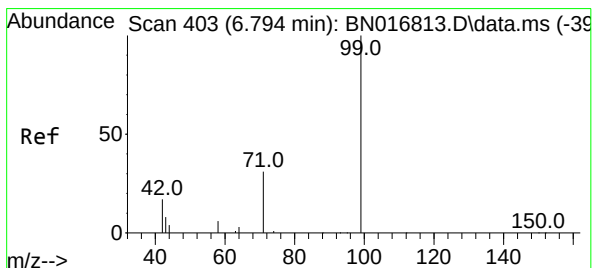
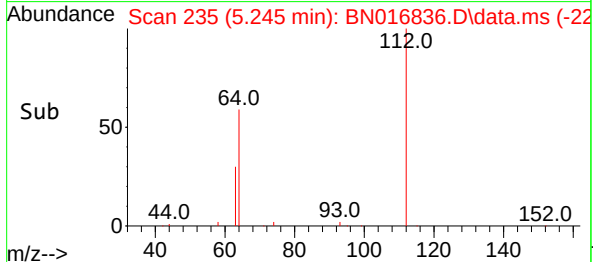
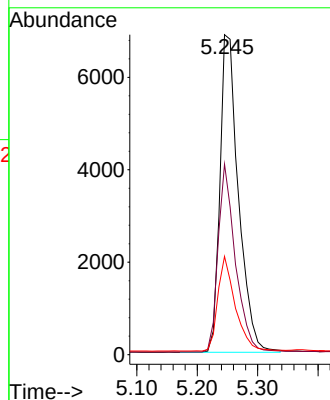
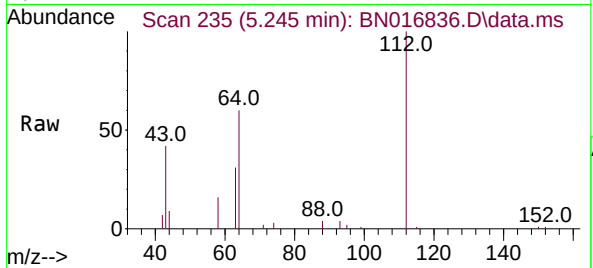




#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.019 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

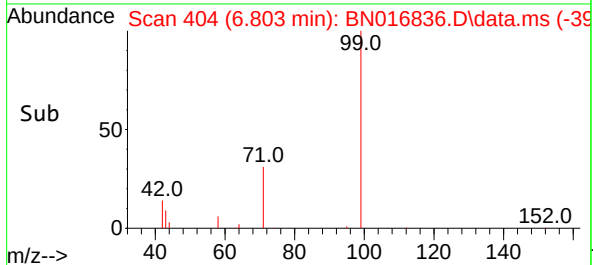
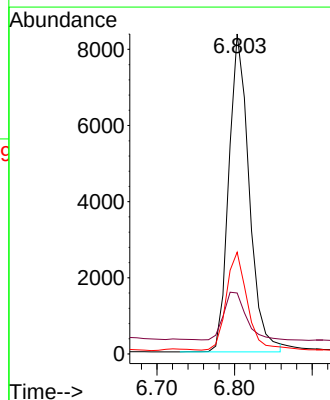
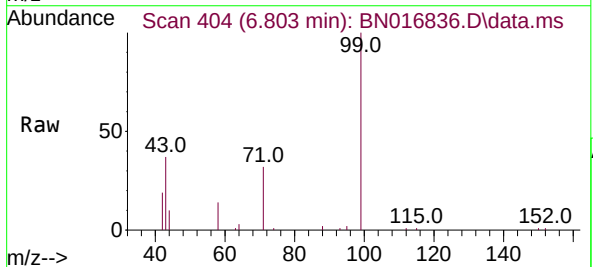
Instrument :
BNA_N
ClientSampleId :
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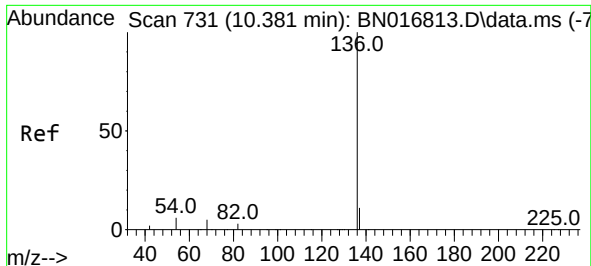
Tgt Ion:	112	Resp:	14668
Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.9	64.3
63	28.0	21.5	32.3



#5
Phenol-d6
Concen: 0.249 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion:	99	Resp:	15187
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	31.5	24.0	36.0

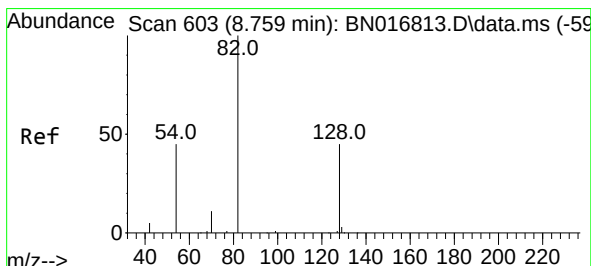
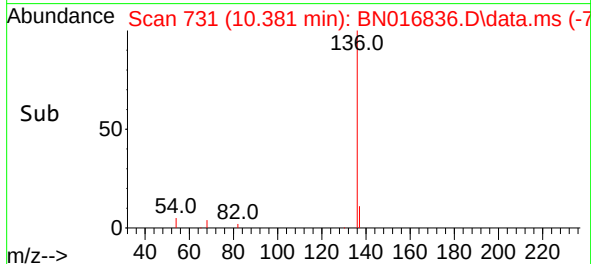
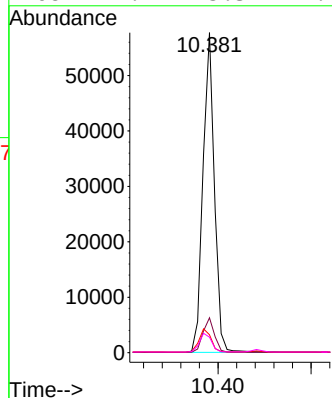
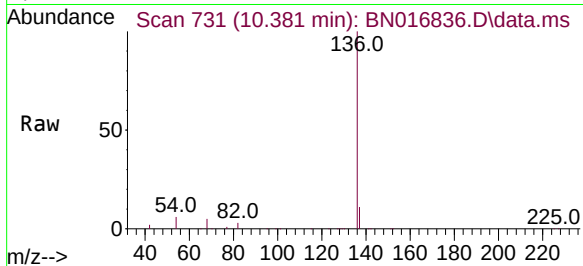




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

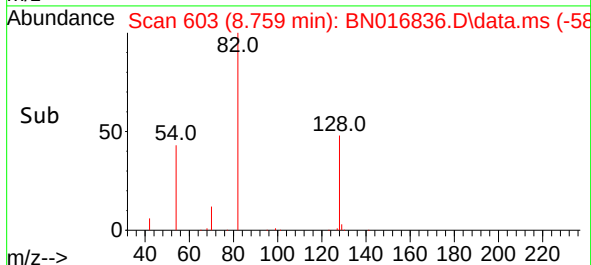
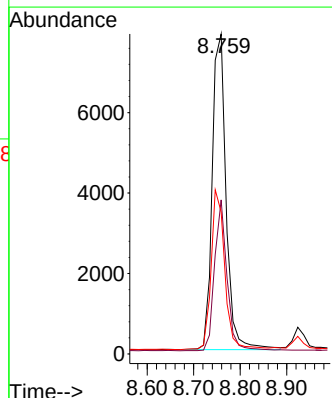
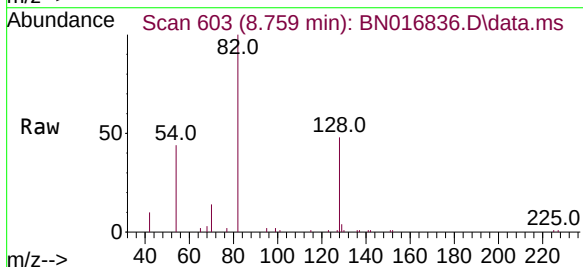
Instrument :
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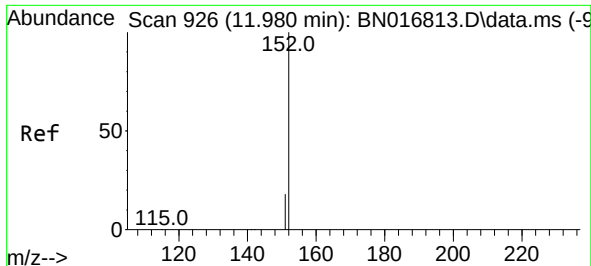
Tgt Ion:	136	Resp:	98719
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.6	6.5	9.7#
68	4.9	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion:	82	Resp:	16339
Ion	Ratio	Lower	Upper
82	100		
128	48.2	33.8	50.6
54	44.4	38.5	57.7

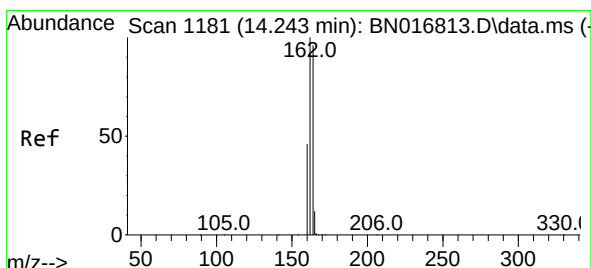
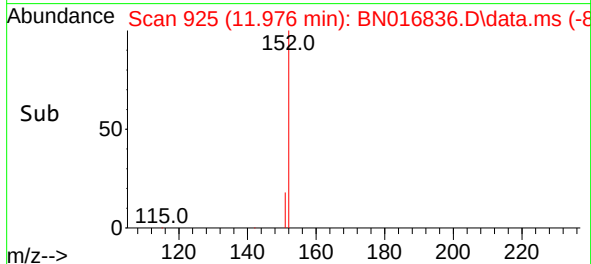
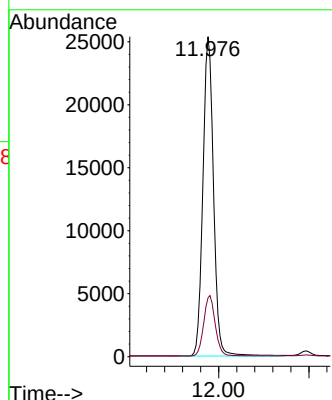
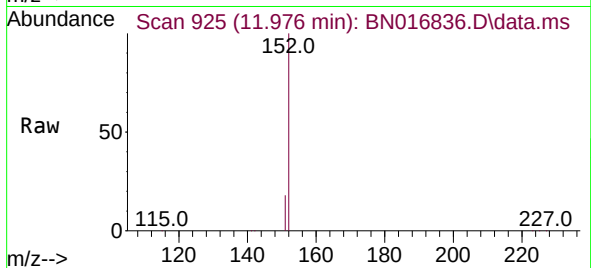




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

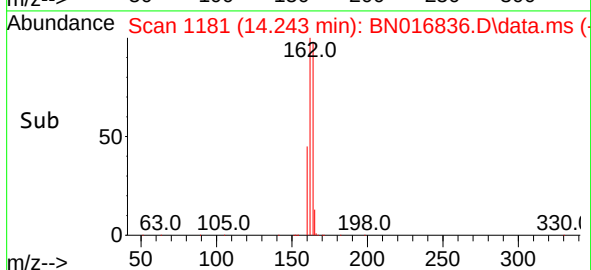
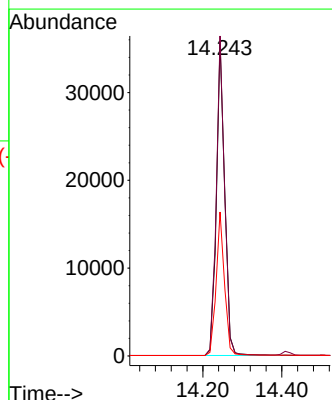
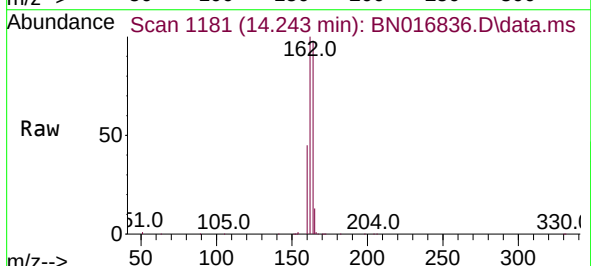
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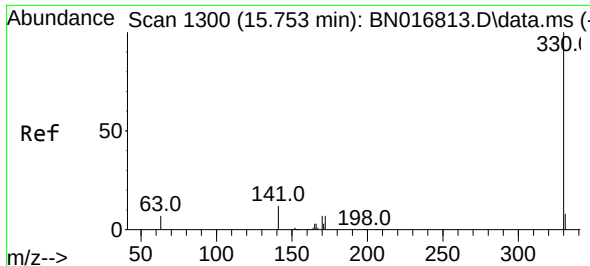
Tgt Ion:152 Resp: 41438
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion:164 Resp: 52393
Ion Ratio Lower Upper
164 100
162 101.7 82.6 124.0
160 45.8 38.2 57.2

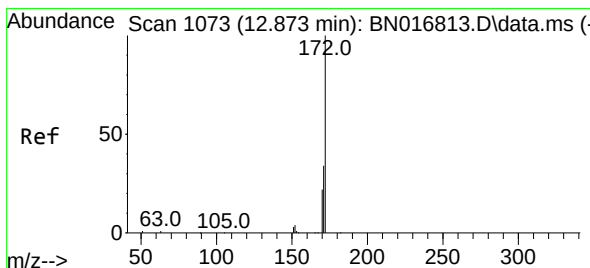
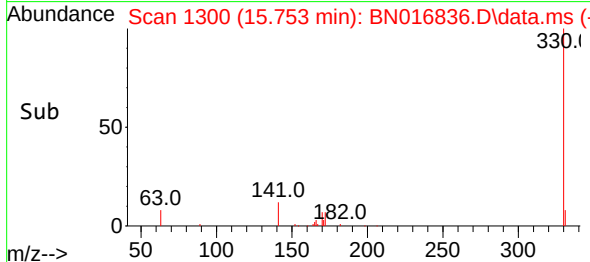
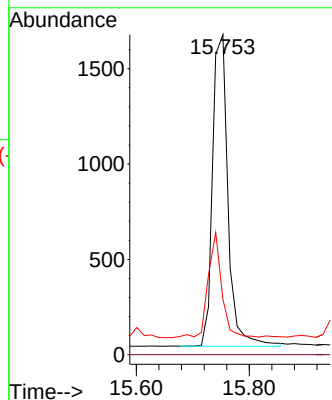
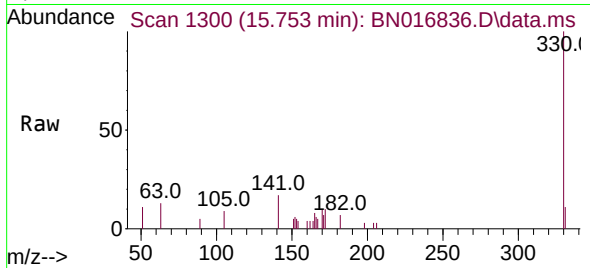




#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

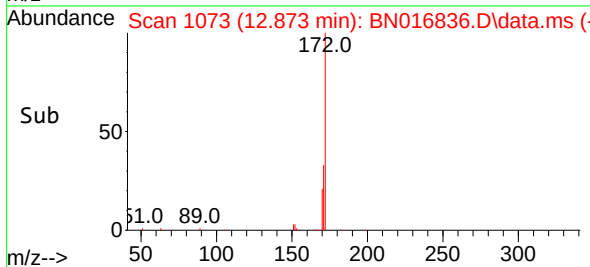
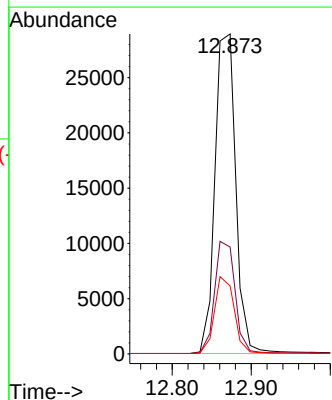
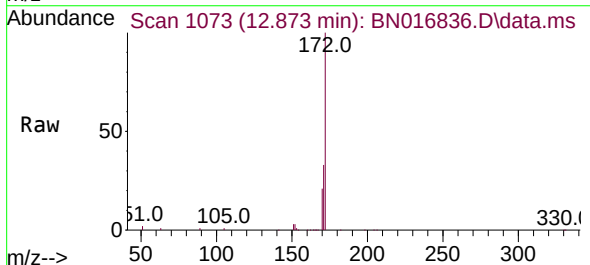
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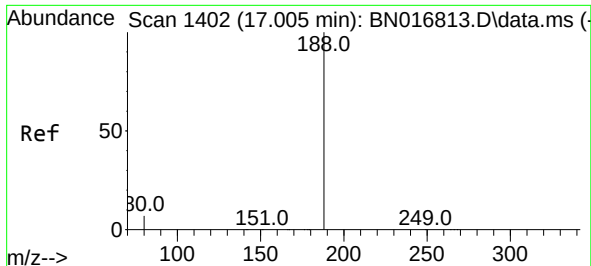
Tgt Ion:330 Resp: 3097
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.9 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion:172 Resp: 52817
Ion Ratio Lower Upper
172 100
171 33.4 26.9 40.3
170 21.2 17.4 26.0

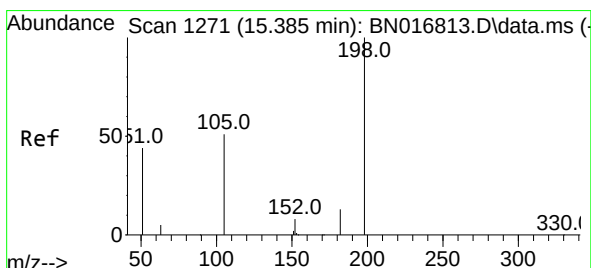
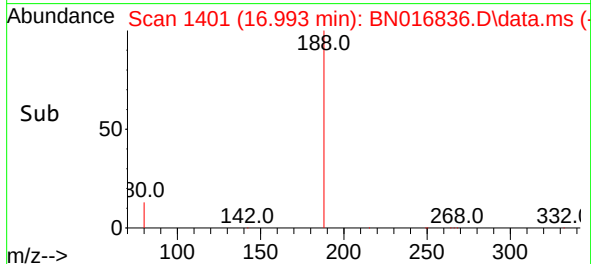
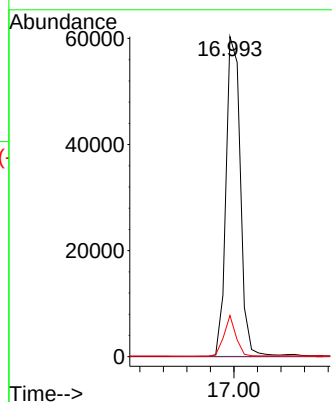
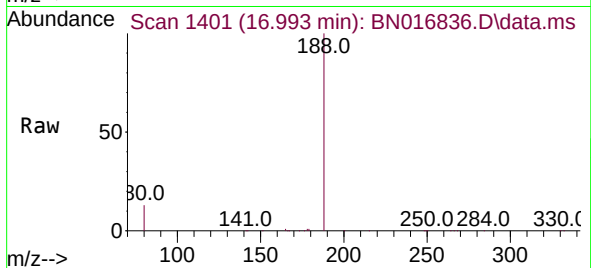




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

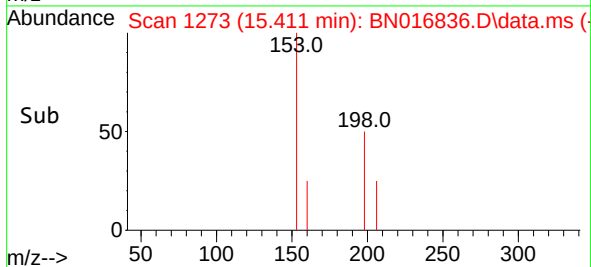
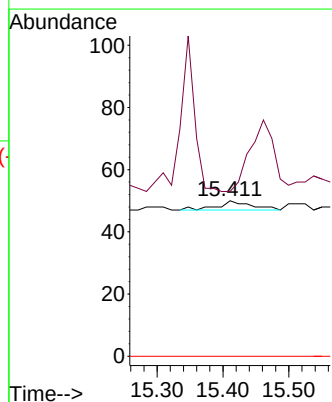
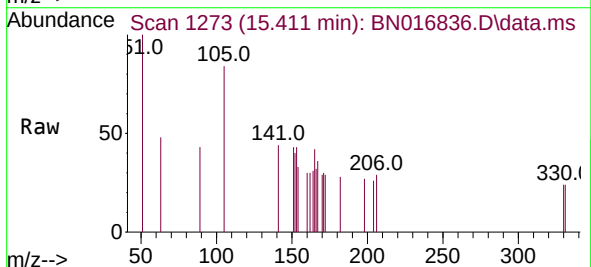
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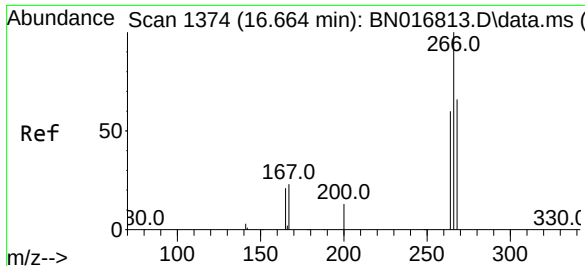
Tgt Ion:188 Resp: 102024
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.026 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 106.0 26.2 39.2#
77 0.0 0.0 0.0

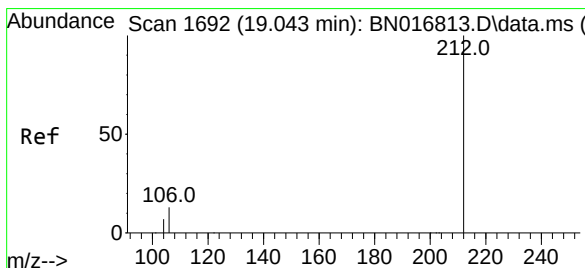
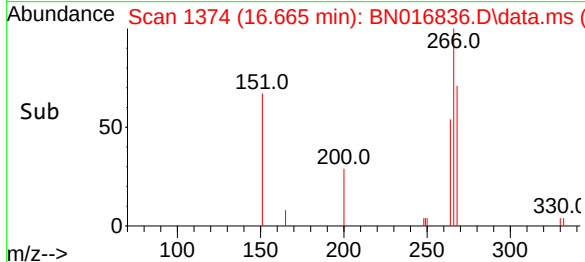
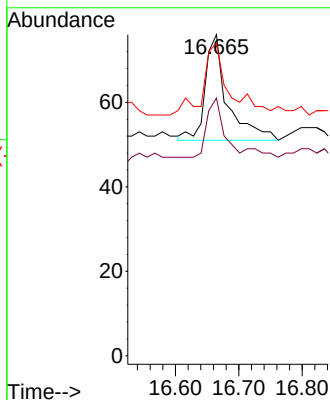
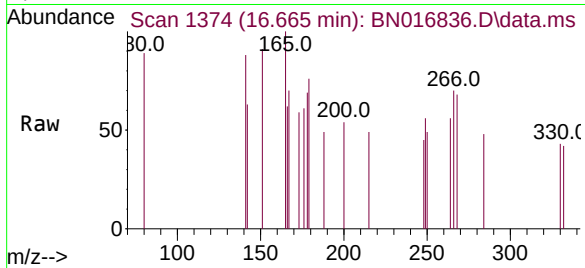




#24
 Pentachlorophenol
 Concen: 0.105 ng
 RT: 16.665 min Scan# 1374
 Delta R.T. 0.001 min
 Lab File: BN016836.D
 Acq: 08 Oct 2021 09:55

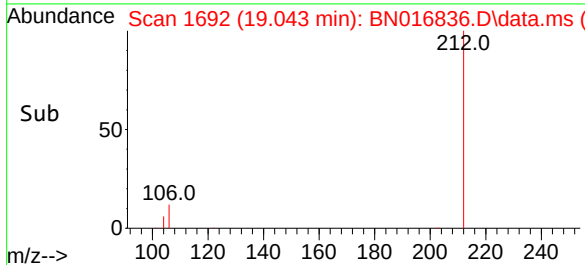
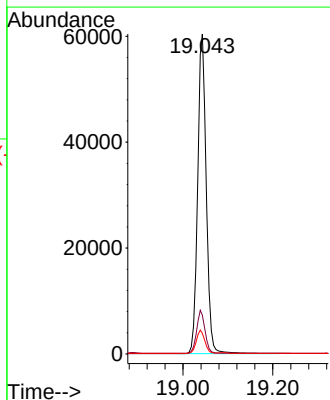
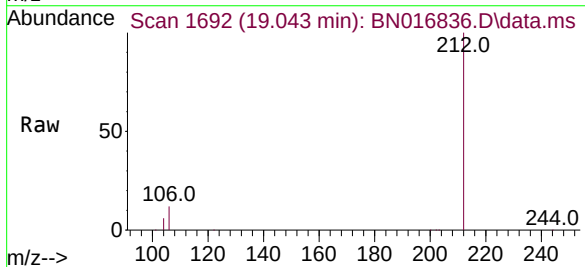
Instrument :
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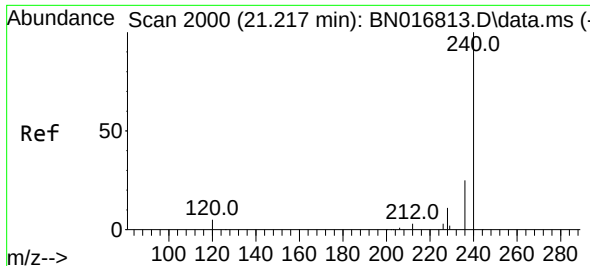
Tgt Ion:	266	Resp:	61
Ion Ratio	Lower	Upper	
266	100		
264	49.2	49.3	73.9#
268	82.0	51.8	77.8#



#27
 Fluoranthene-d10
 Concen: 0.285 ng
 RT: 19.043 min Scan# 1692
 Delta R.T. 0.000 min
 Lab File: BN016836.D
 Acq: 08 Oct 2021 09:55

Tgt Ion:	212	Resp:	80712
Ion Ratio	Lower	Upper	
212	100		
106	13.2	10.6	16.0
104	7.1	5.8	8.8

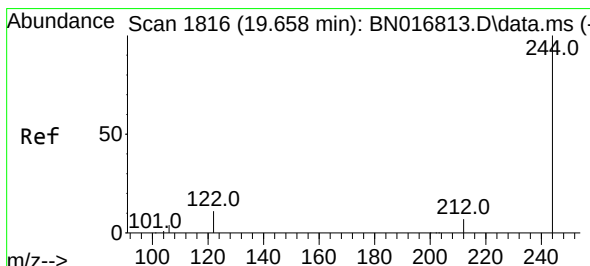
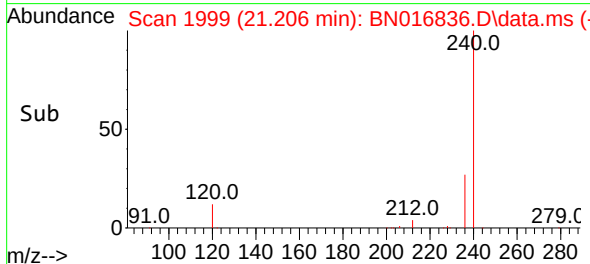
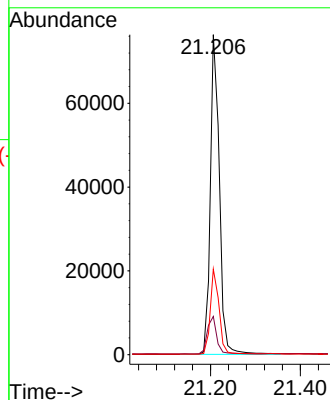
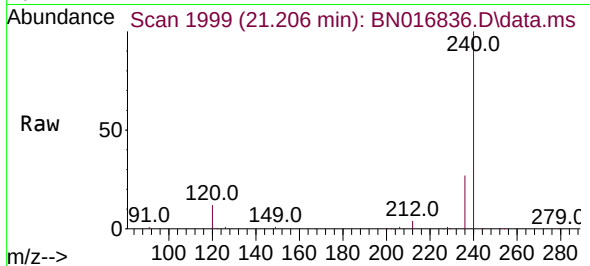




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

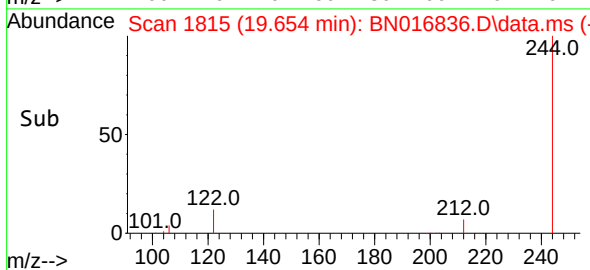
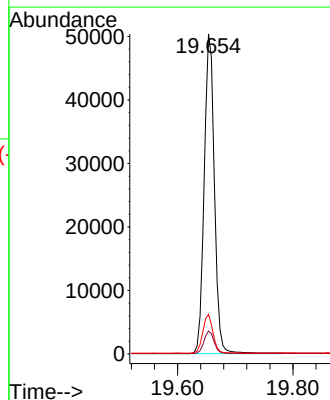
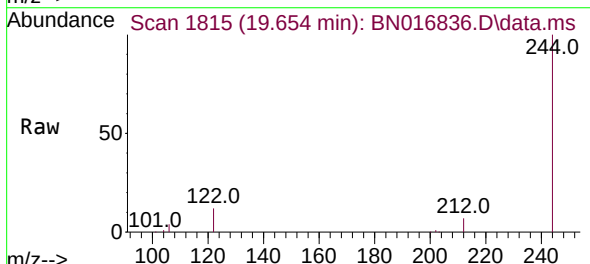
Instrument :
BNA_N
ClientSampleId :
S-819-N-SO-1-1.5-093021-FD

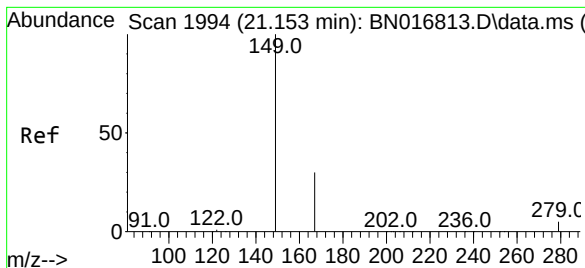
Tgt Ion:240 Resp: 106002
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 26.7 20.7 31.1



#31
Terphenyl-d14
Concen: 0.266 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion:244 Resp: 61556
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 12.4 8.9 13.3

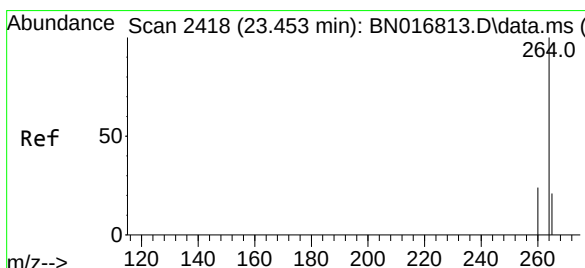
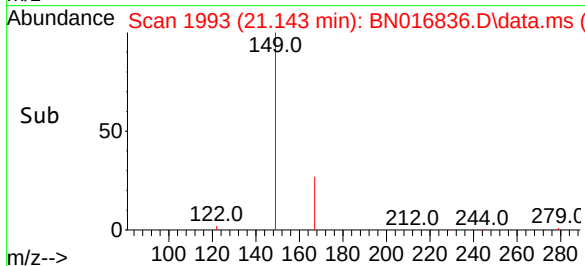
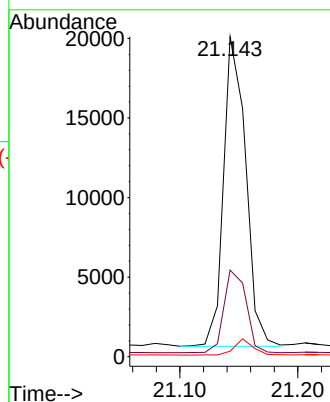
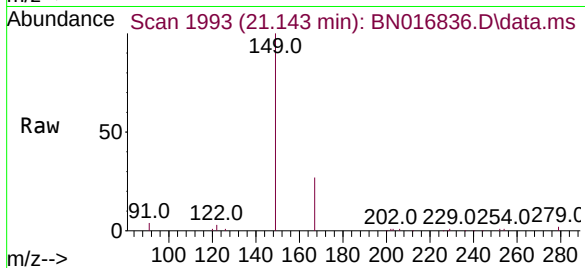




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.143 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN016836.D
Acq: 08 Oct 2021 09:55

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

Tgt Ion:149	Resp:	25373
Ion Ratio	Lower	Upper
149	100	
167	26.7	22.2 33.4
279	4.3	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: BN016836.D
Acq: 08 Oct 2021 09:55

Tgt Ion:264	Resp:	112818
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.8 29.6
265	22.8	20.3 30.5

