

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015361.D
 Acq On : 07 Jul 2021 06:02
 Operator : CG/JU
 Sample : M2907-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 07 07:04:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

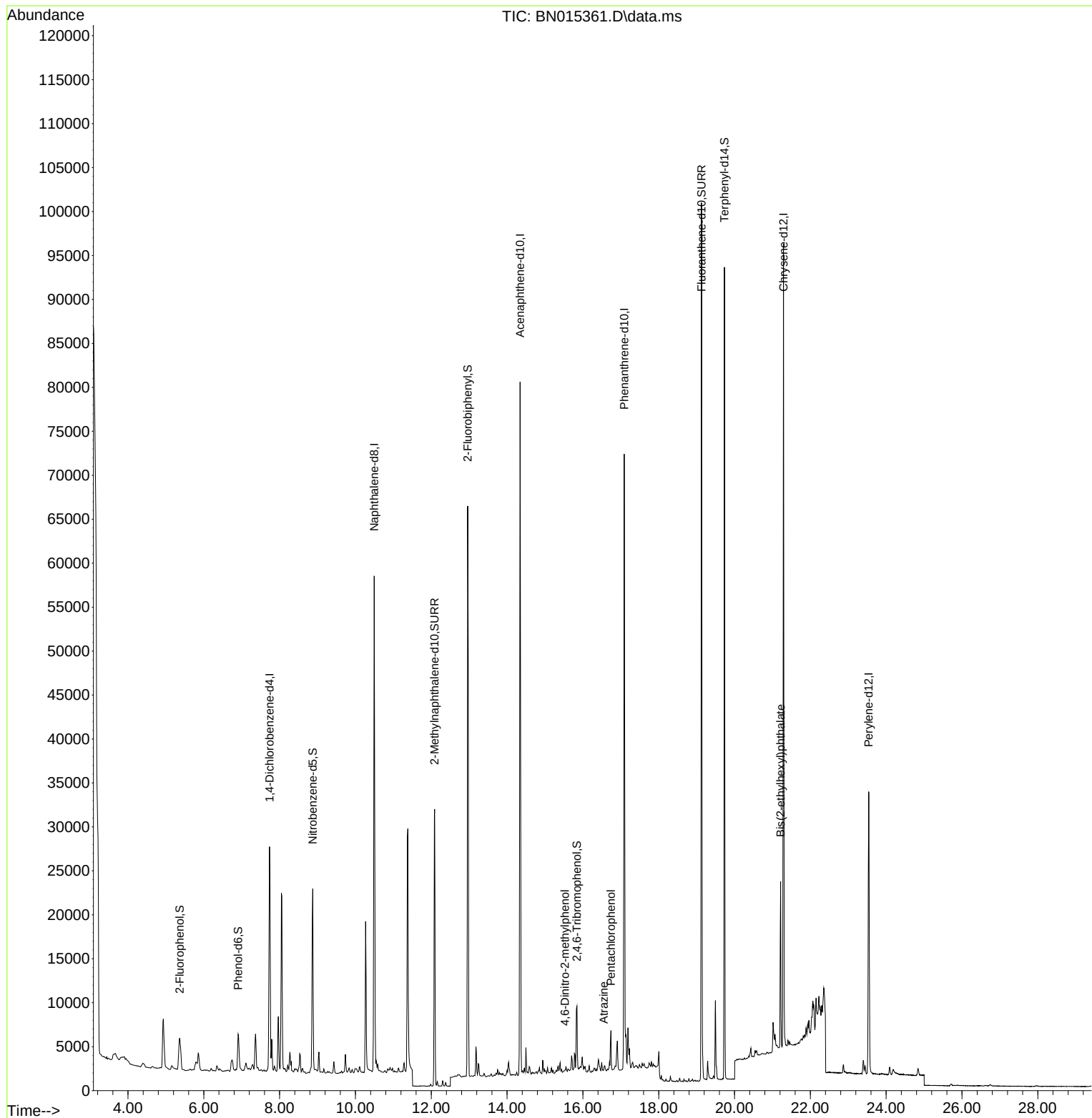
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15660	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	73126	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	43154	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	89728	0.40	ng	0.00
29) Chrysene-d12	21.291	240	80306	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	42705	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	6960	0.17	ng	0.00
5) Phenol-d6	6.905	99	5141	0.10	ng	0.00
8) Nitrobenzene-d5	8.873	82	18892	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	43065	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	6201	0.55	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	58687	0.33	ng	0.00
27) Fluoranthene-d10	19.128	212	111036	0.42	ng	0.00
31) Terphenyl-d14	19.733	244	86471	0.46	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.525	198	5	0.19	ng	# 1
23) Atrazine	16.555	200	98	0.17	ng	# 29
24) Pentachlorophenol	16.738	266	3473	0.56	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.217	149	17534	0.33	ng	# 87

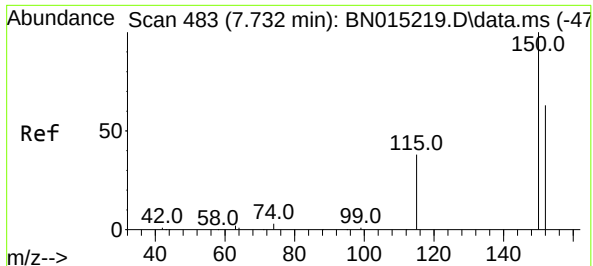
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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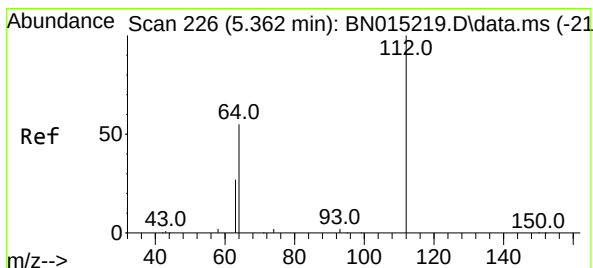
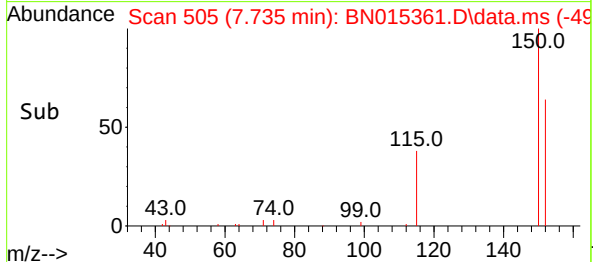
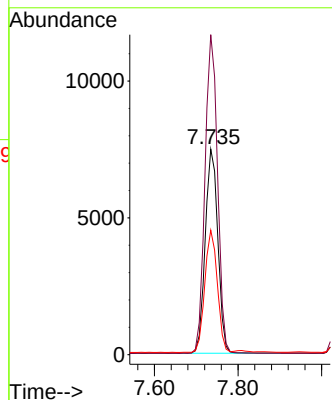
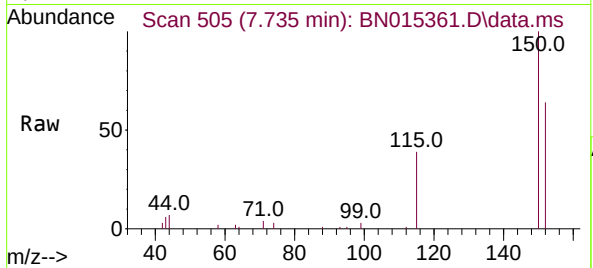




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015361.D
 Acq: 07 Jul 2021 06:02

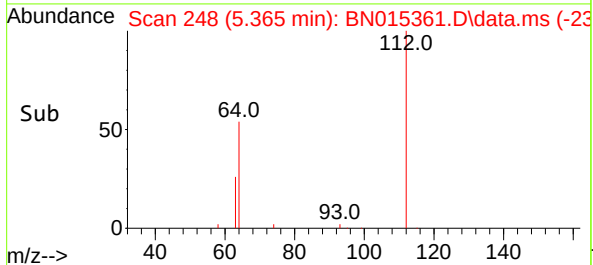
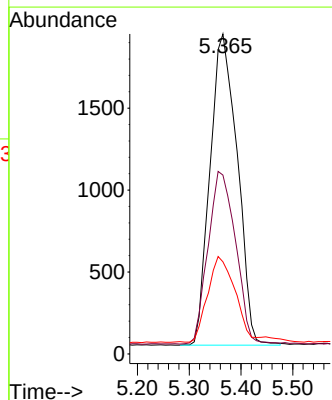
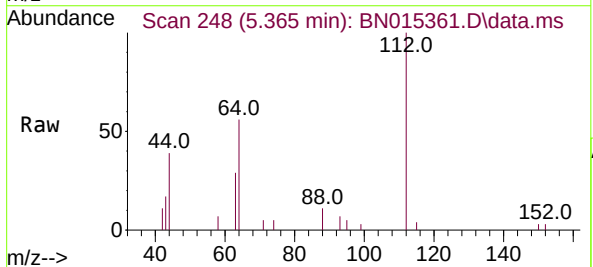
Instrument :
 BNA_N
 ClientSampled :

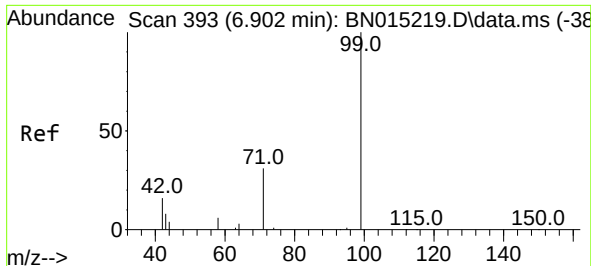
Tgt Ion:152 Resp: 15660
 Ion Ratio Lower Upper
 152 100
 150 155.6 119.0 178.6
 115 60.5 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.17 ng
 RT: 5.365 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: BN015361.D
 Acq: 07 Jul 2021 06:02

Tgt Ion:112 Resp: 6960
 Ion Ratio Lower Upper
 112 100
 64 56.0 39.0 58.6
 63 27.5 20.6 30.8

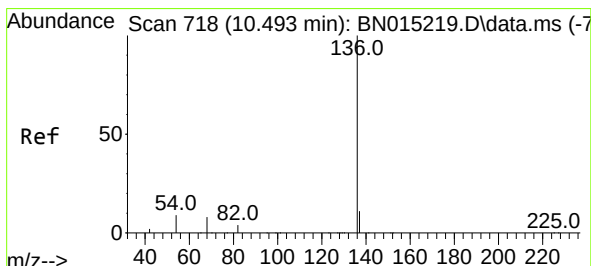
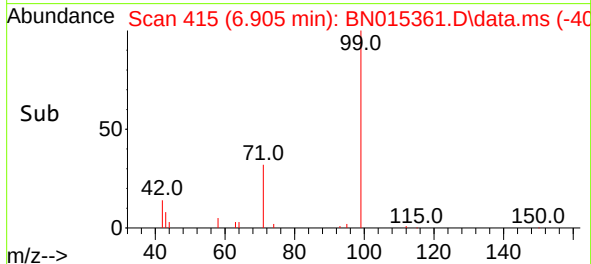
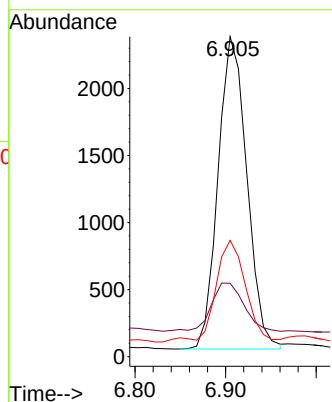
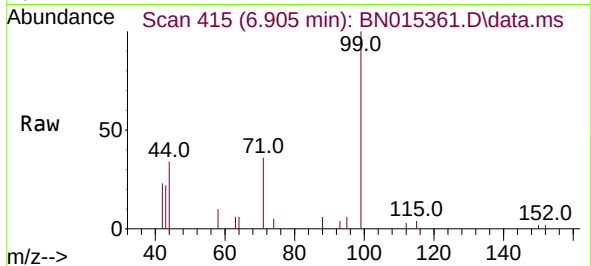




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

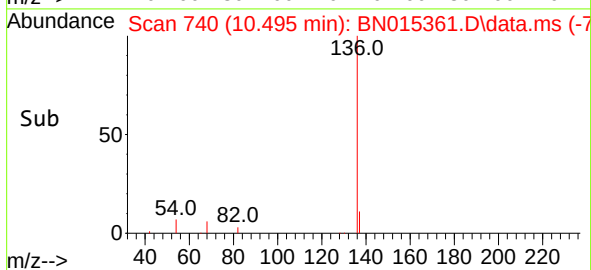
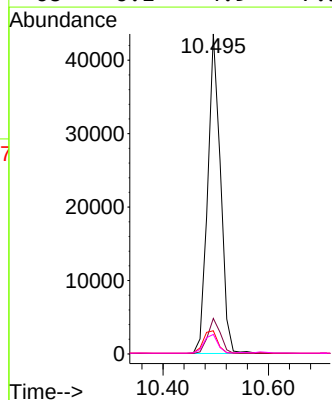
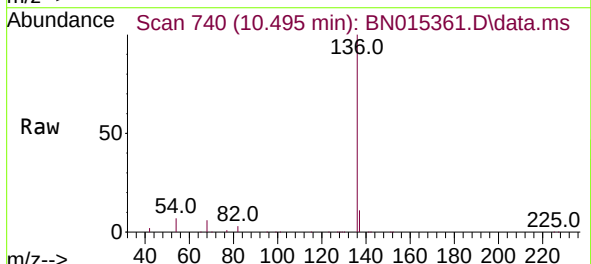
Instrument :
BNA_N
ClientSampled :

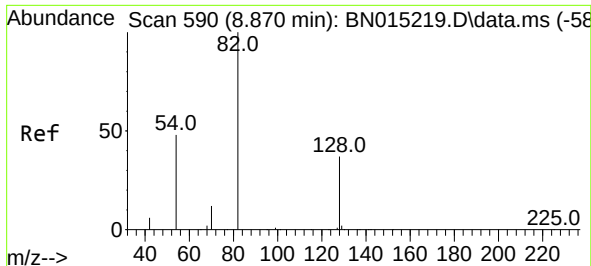
Tgt Ion: 99 Resp: 5141
Ion Ratio Lower Upper
99 100
42 17.4 8.9 13.3#
71 33.8 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

Tgt Ion: 136 Resp: 73126
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 7.2 5.4 8.2
68 6.1 4.9 7.3

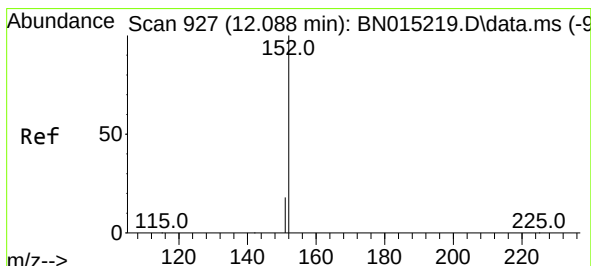
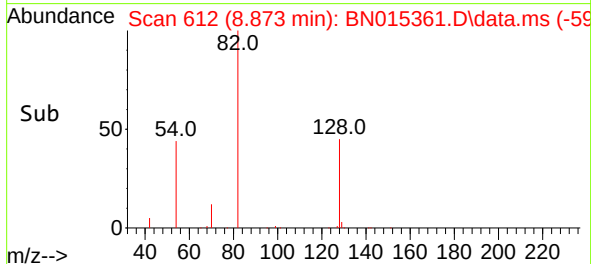
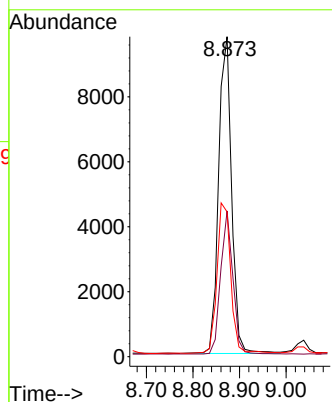
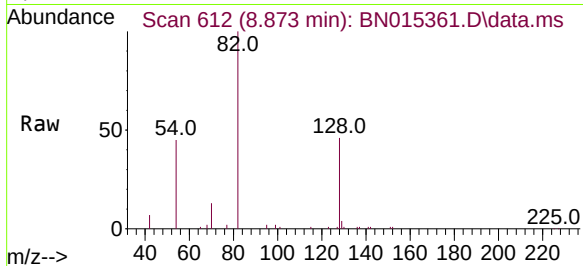




#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

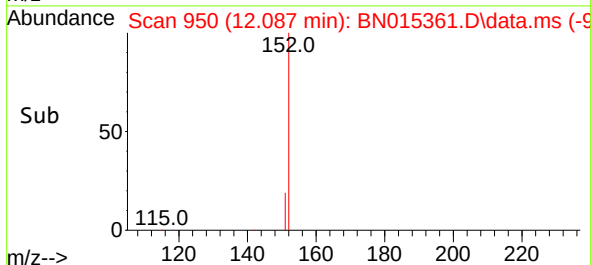
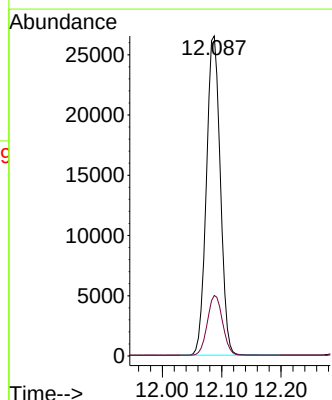
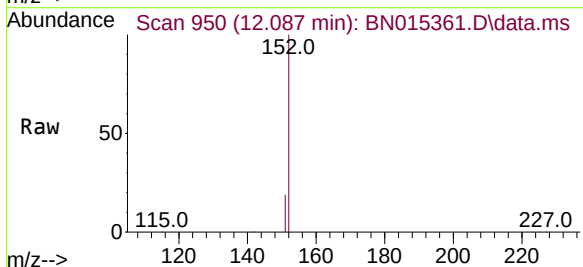
Instrument :
BNA_N
ClientSampleId :

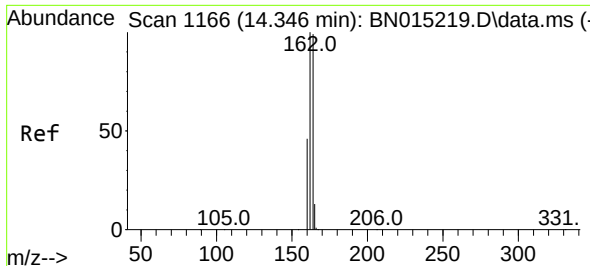
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	31.6	47.4
54	45.3	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

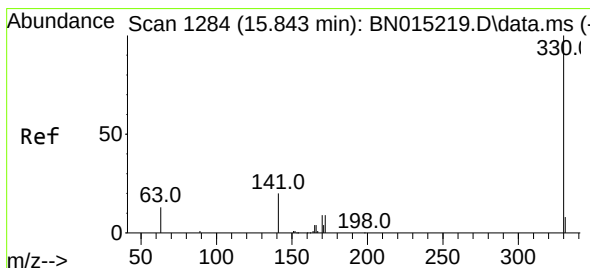
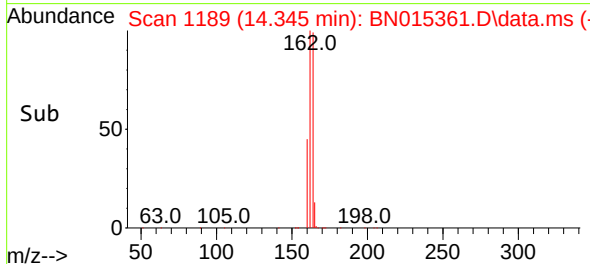
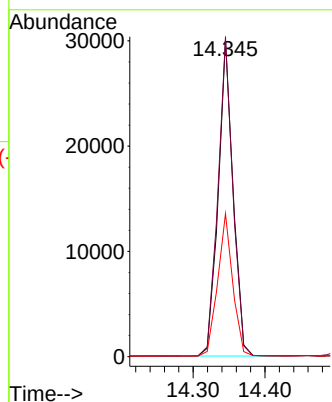
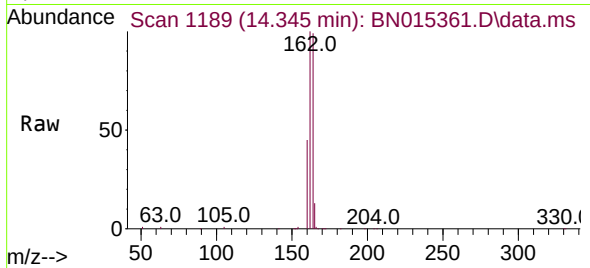




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

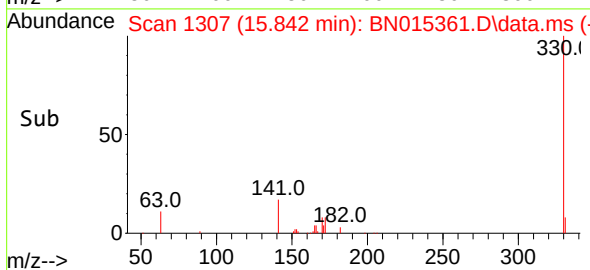
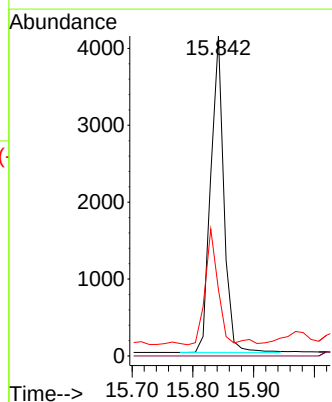
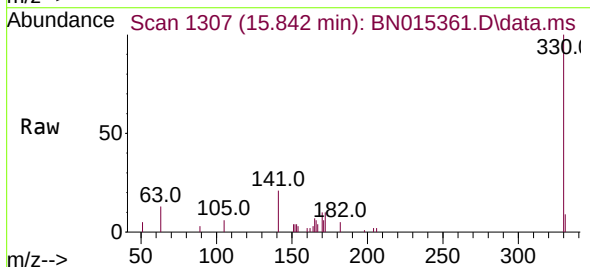
Instrument :
BNA_N
ClientSampleId :

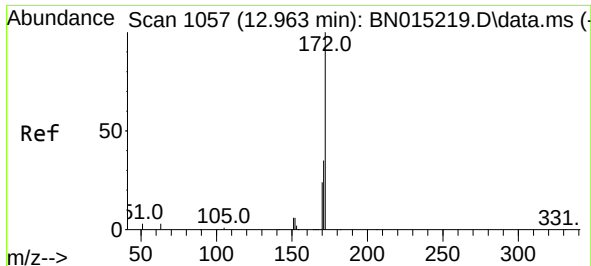
Tgt Ion:164 Resp: 43154
Ion Ratio Lower Upper
164 100
162 100.9 83.8 125.6
160 45.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

Tgt Ion:330 Resp: 6201
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.0 22.4 33.6#

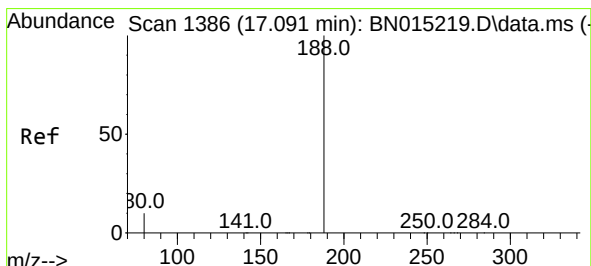
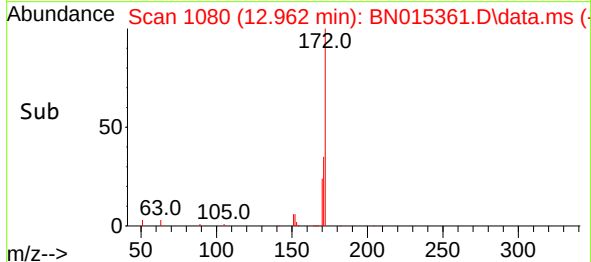
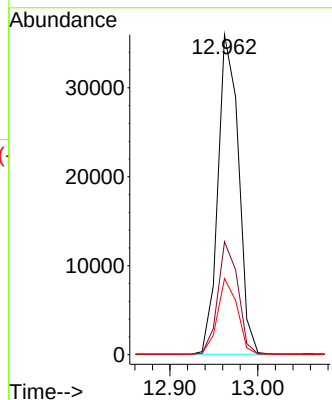
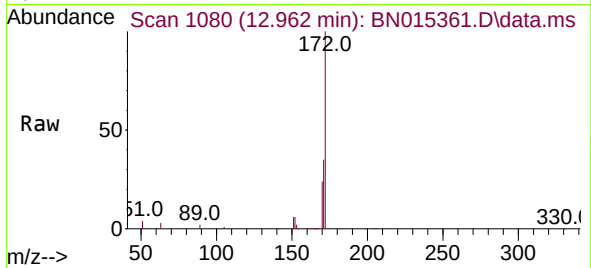




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

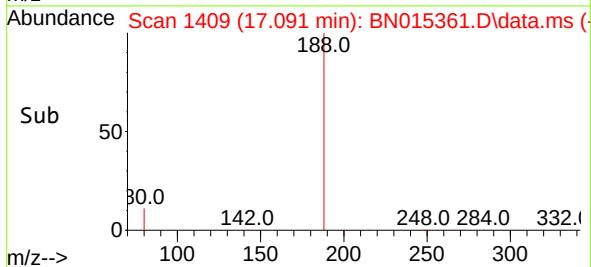
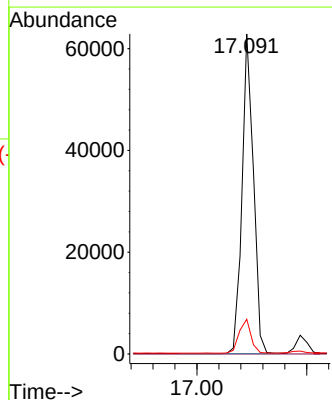
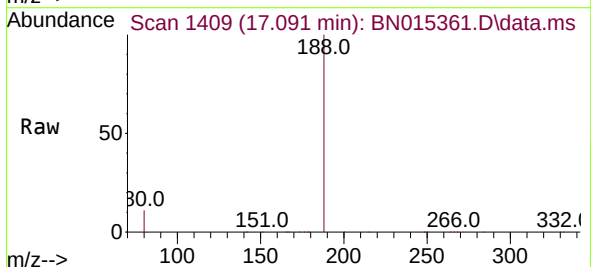
Instrument :
BNA_N
ClientSampleId :

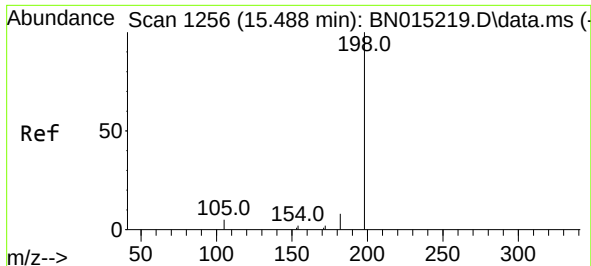
Tgt Ion:172 Resp: 58687
Ion Ratio Lower Upper
172 100
171 35.3 30.6 45.8
170 23.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

Tgt Ion:188 Resp: 89728
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.0 13.4

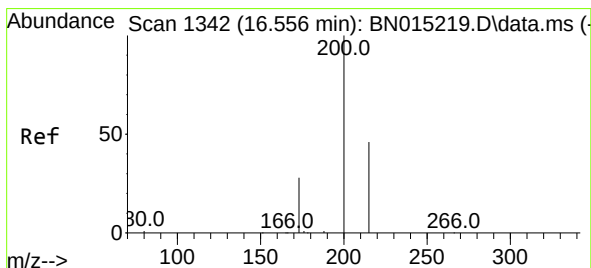
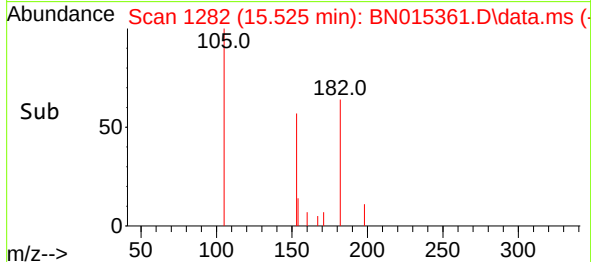
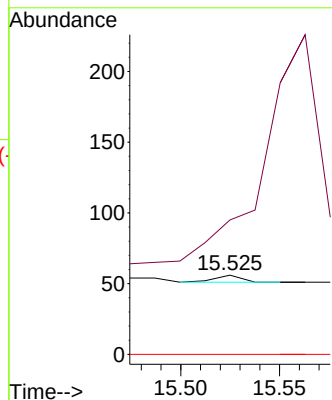
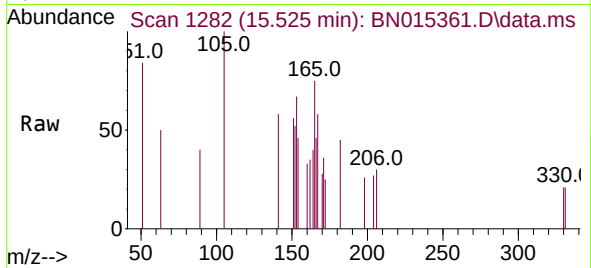




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.525 min Scan# 1282
Delta R.T. 0.037 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

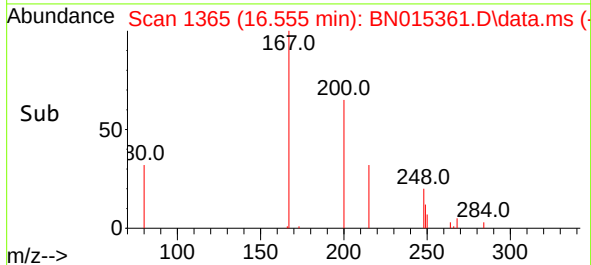
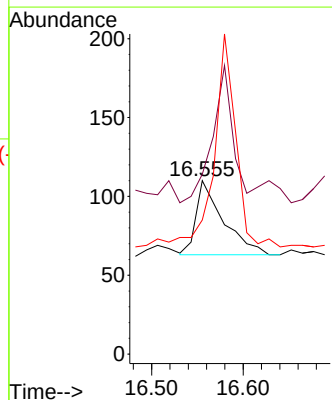
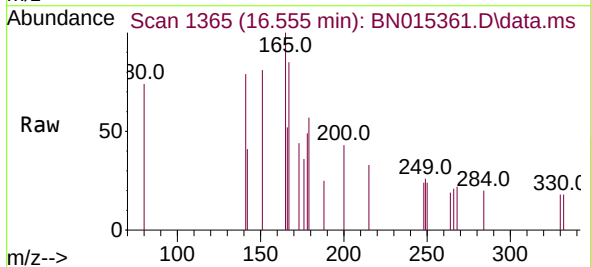
Instrument :
BNA_N
ClientSampleId :

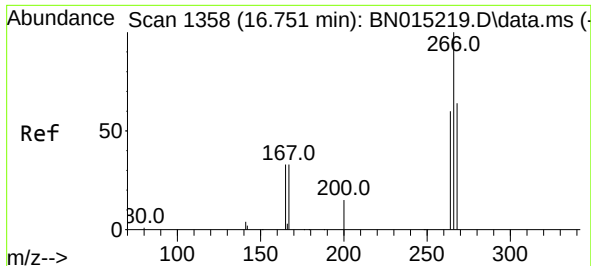
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 169.6 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

Tgt Ion:200 Resp: 98
Ion Ratio Lower Upper
200 100
173 103.6 21.7 32.5#
215 77.3 43.1 64.7#

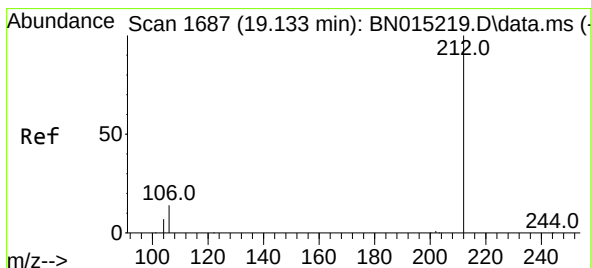
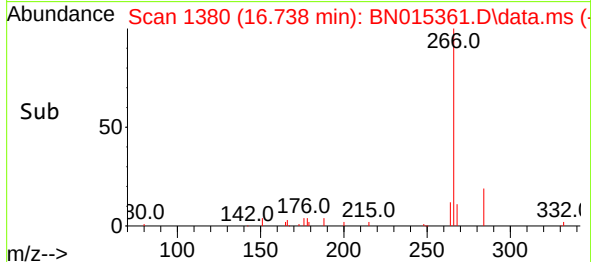
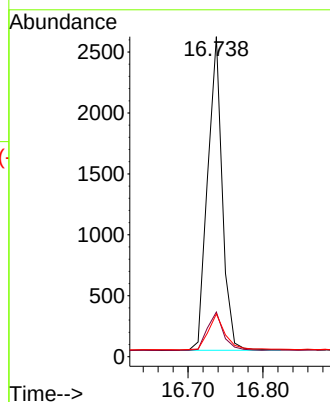
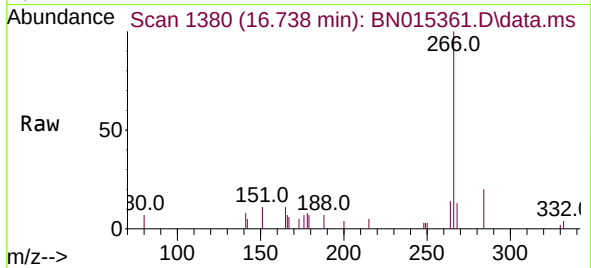




#24
Pentachlorophenol
Concen: 0.56 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

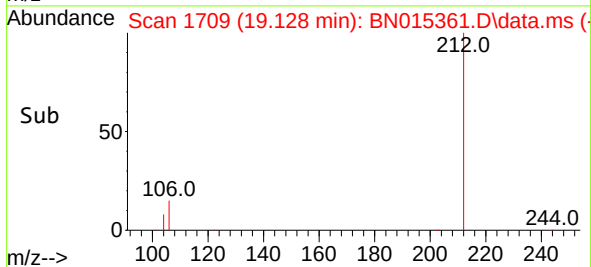
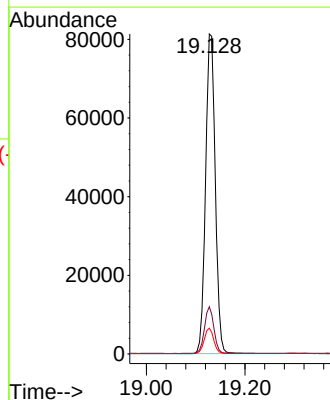
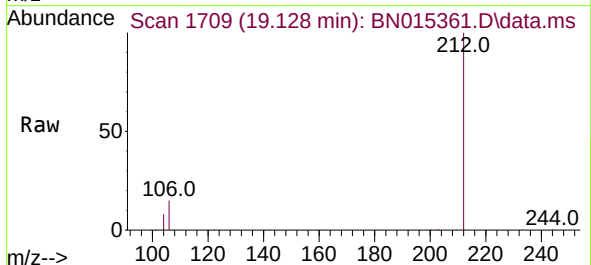
Instrument :
BNA_N
ClientSampleId :

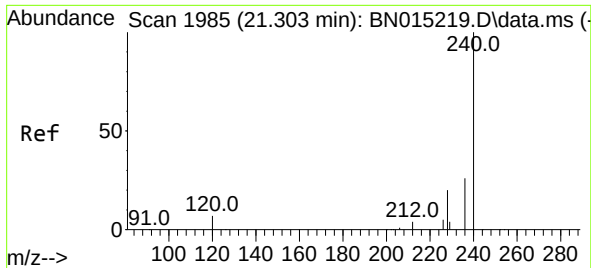
Tgt Ion:	266	Resp:	3473
Ion Ratio	Lower	Upper	
266	100		
264	13.6	51.0	76.4#
268	13.6	50.6	76.0#



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

Tgt Ion:	212	Resp:	111036
Ion Ratio	Lower	Upper	
212	100		
106	14.1	7.0	10.6#
104	7.8	4.1	6.1#

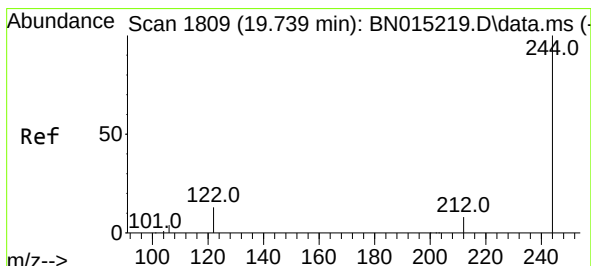
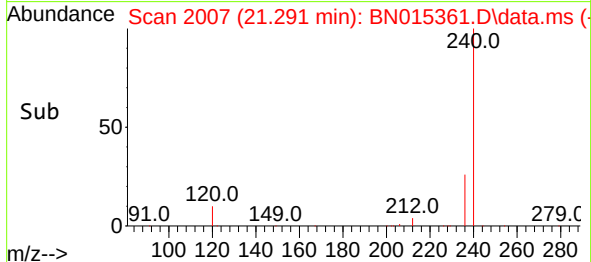
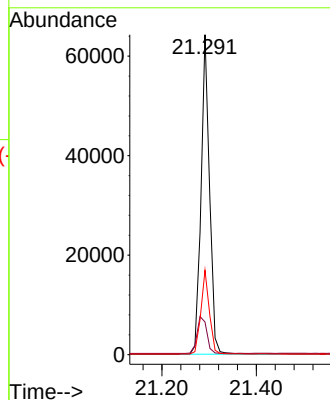
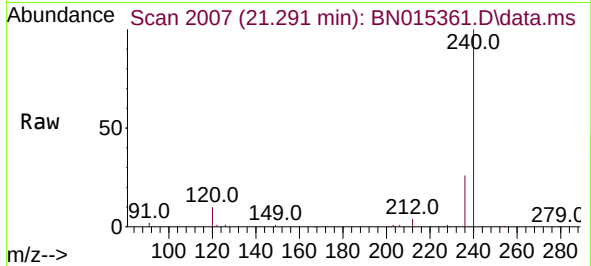




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

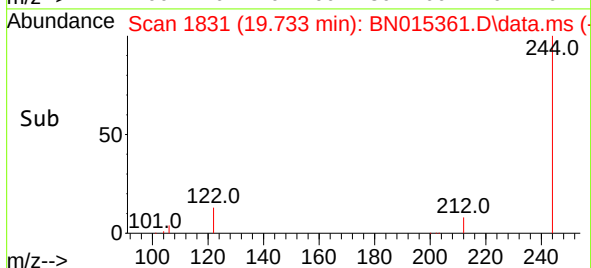
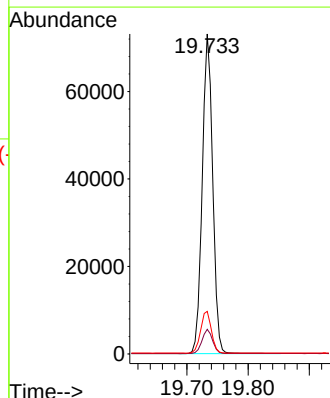
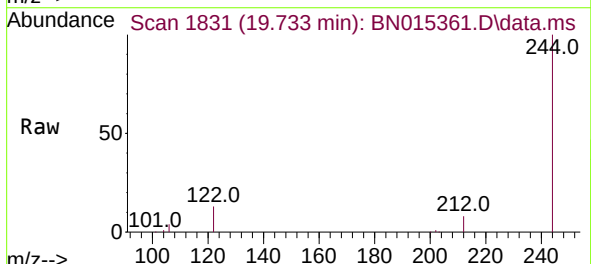
Instrument :
BNA_N
ClientSampleId :

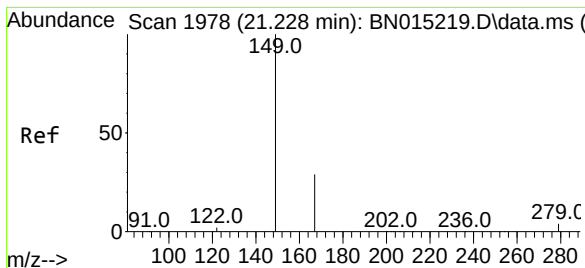
Tgt Ion:240 Resp: 80306
Ion Ratio Lower Upper
240 100
120 10.2 4.2 6.4#
236 26.4 21.4 32.2



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015361.D
Acq: 07 Jul 2021 06:02

Tgt Ion:244 Resp: 86471
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.3 6.2 9.2#

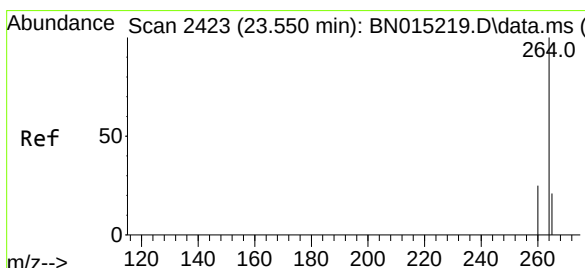
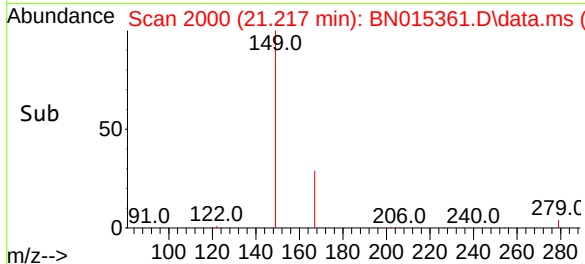
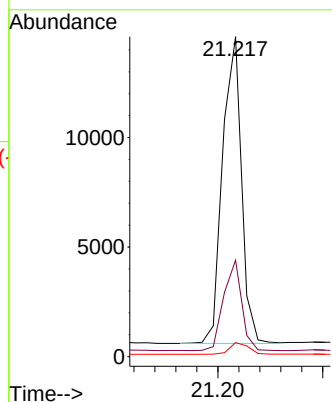
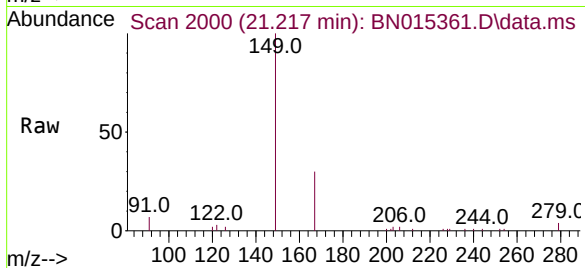




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.33 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015361.D
 Acq: 07 Jul 2021 06:02

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 17534
 Ion Ratio Lower Upper
 149 100
 167 28.1 28.9 43.3#
 279 3.9 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. -0.011 min
 Lab File: BN015361.D
 Acq: 07 Jul 2021 06:02

Tgt Ion:264 Resp: 42705
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 31.0
 265 24.3 21.4 32.2

