

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015391.D
 Acq On : 08 Jul 2021 03:33
 Operator : CG/JU
 Sample : M2939-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:45:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

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

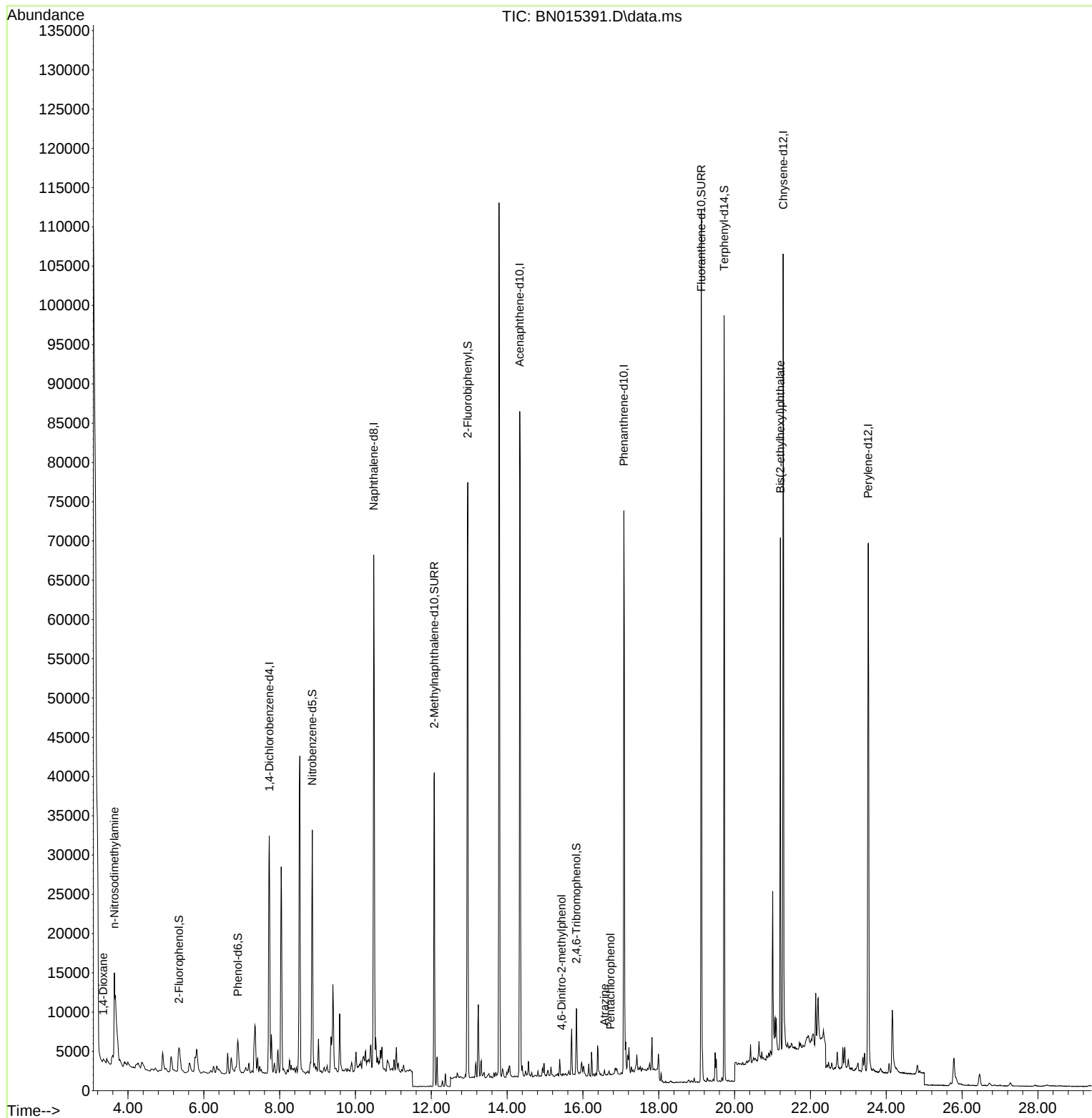
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19337	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	88697	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	49923	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	100292	0.40	ng	0.00
29) Chrysene-d12	21.281	240	92112	0.40	ng	#-0.01
35) Perylene-d12	23.526	264	88103	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.347	112	5628	0.11	ng	0.00
5) Phenol-d6	6.896	99	4275	0.07	ng	0.00
8) Nitrobenzene-d5	8.861	82	26118	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	53681	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6192	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	72634	0.36	ng	0.00
27) Fluoranthene-d10	19.123	212	124385	0.42	ng	0.00
31) Terphenyl-d14	19.723	244	95140	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	747	0.08	ng	# 59
3) n-Nitrosodimethylamine	3.641	42	2147	0.13	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.436	198	14	0.20	ng	# 1
23) Atrazine	16.567	200	35	0.17	ng	# 1
24) Pentachlorophenol	16.726	266	31	0.24	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.206	149	52979	0.61	ng	# 88

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

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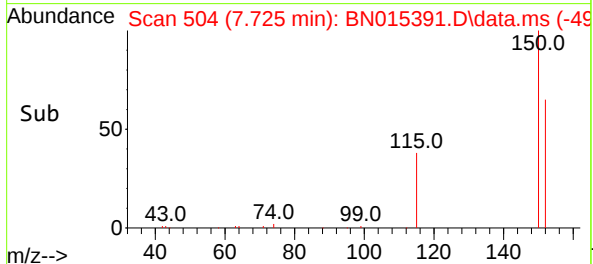
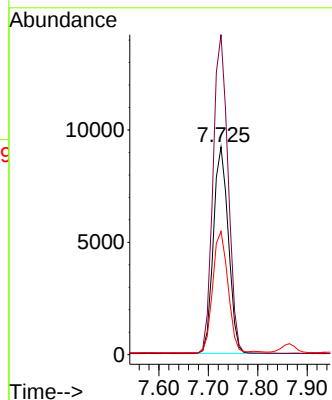
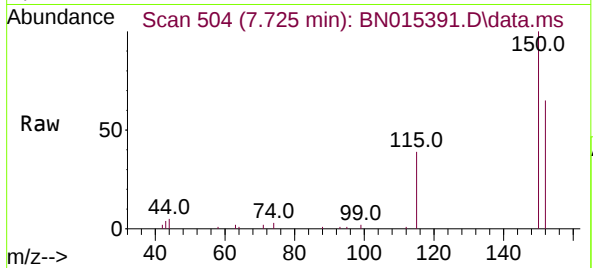




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015391.D
 Acq: 08 Jul 2021 03:33

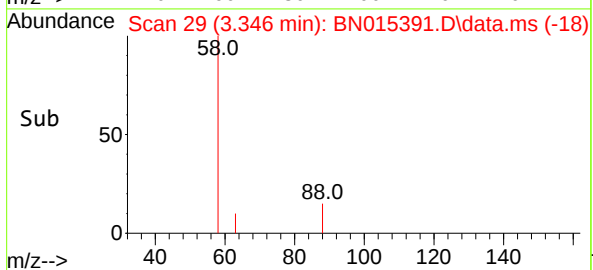
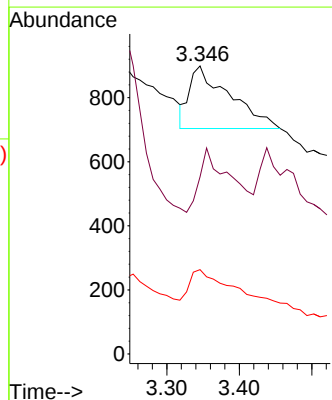
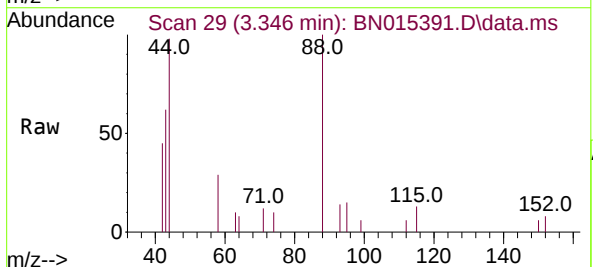
Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:152 Resp: 19337
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.0 178.6
 115 59.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.08 ng
 RT: 3.346 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN015391.D
 Acq: 08 Jul 2021 03:33

Tgt Ion: 88 Resp: 747
 Ion Ratio Lower Upper
 88 100
 43 77.6 12.9 19.3#
 58 51.7 38.1 57.1

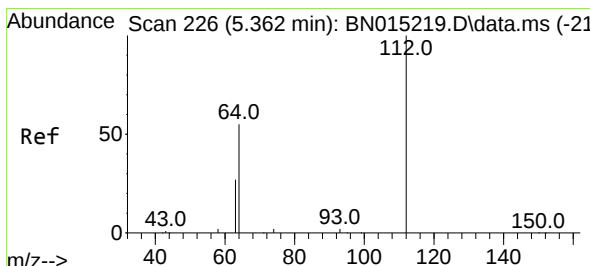
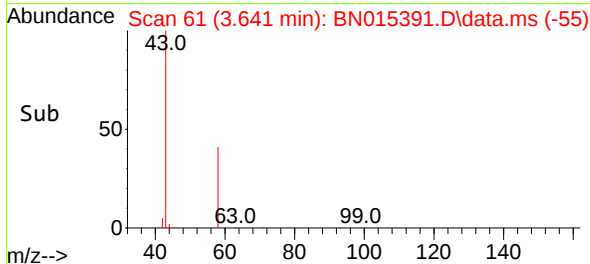
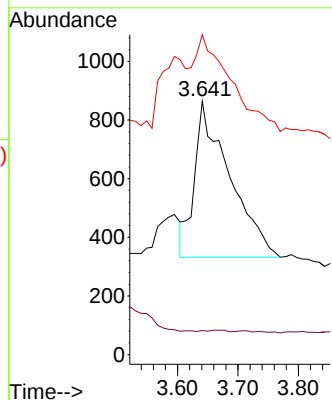
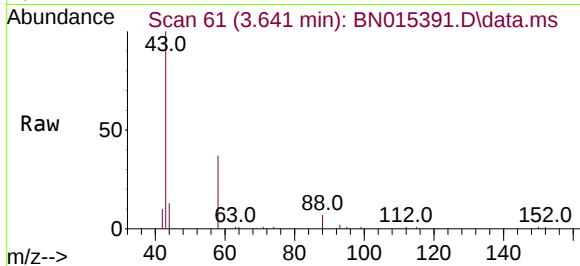




#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.641 min Scan# 61
Delta R.T. -0.046 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

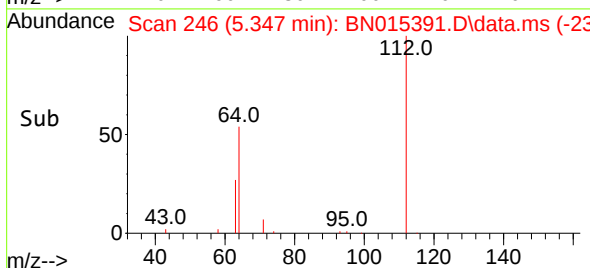
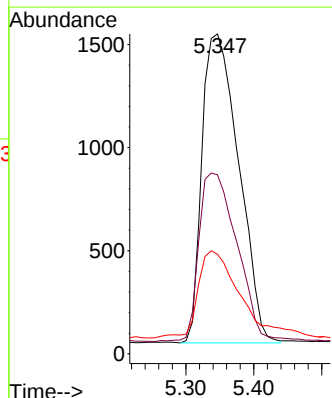
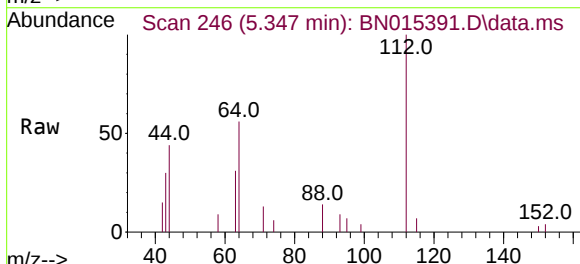
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 42 Resp: 2147
Ion Ratio Lower Upper
42 100
74 0.6 149.5 224.3#
44 61.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.347 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

Tgt Ion: 112 Resp: 5628
Ion Ratio Lower Upper
112 100
64 56.5 39.0 58.6
63 31.5 20.6 30.8#

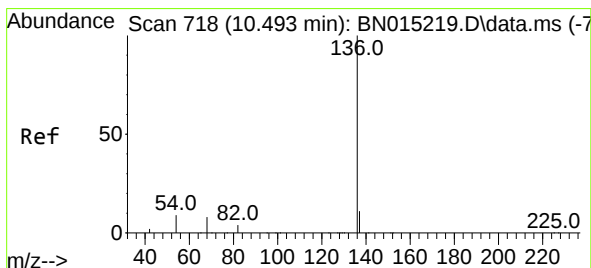
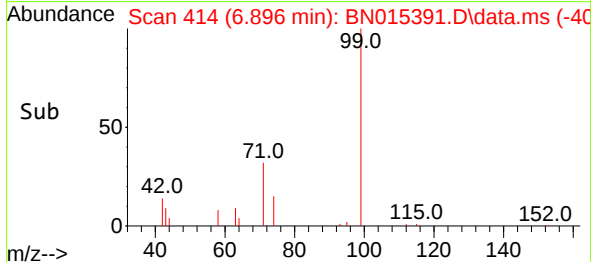
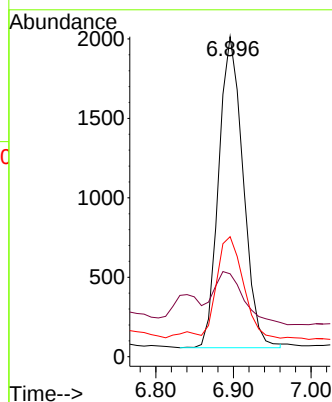
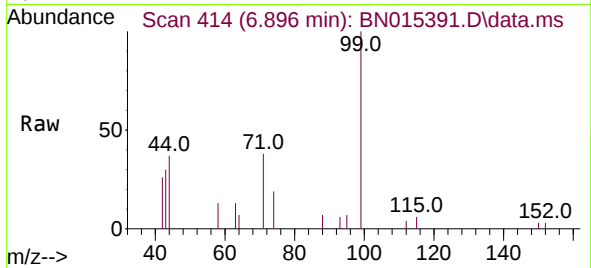




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

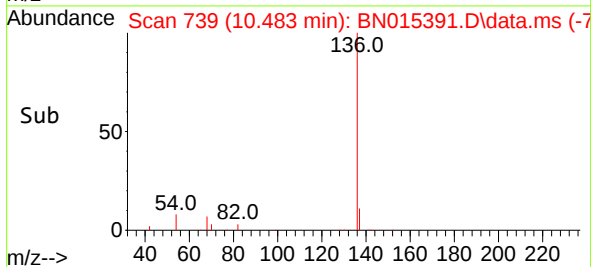
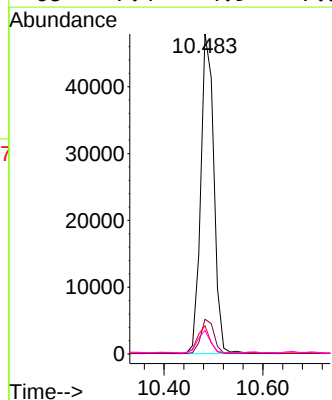
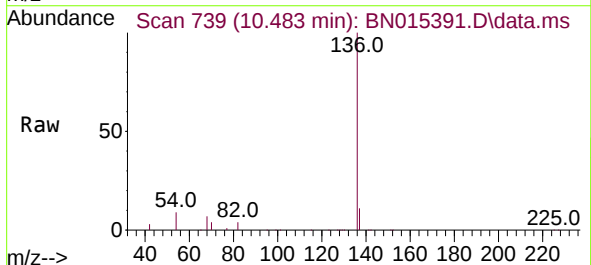
Instrument :
BNA_N
ClientSampled :

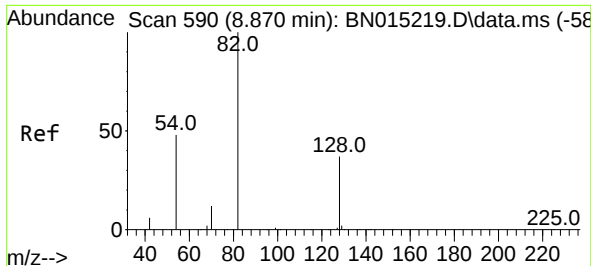
Tgt Ion: 99 Resp: 4275
Ion Ratio Lower Upper
99 100
42 19.5 8.9 13.3#
71 36.7 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

Tgt Ion: 136 Resp: 88697
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 8.8 5.4 8.2#
68 7.4 4.9 7.3#

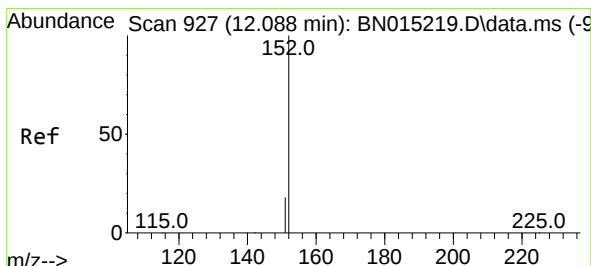
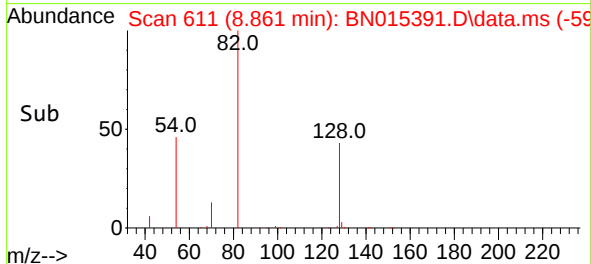
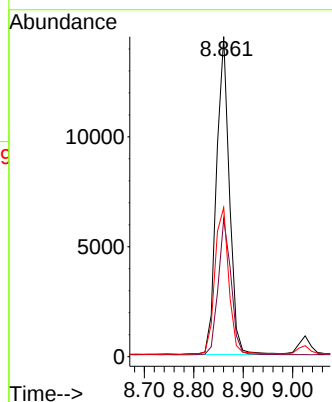
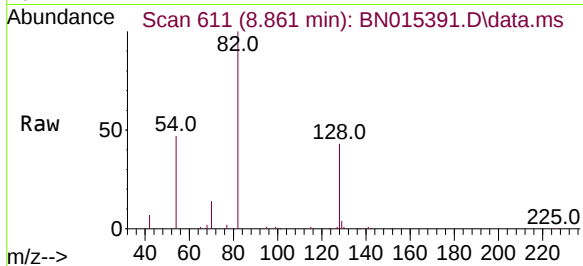




#8
Nitrobenzene-d5
Concen: 0.53 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

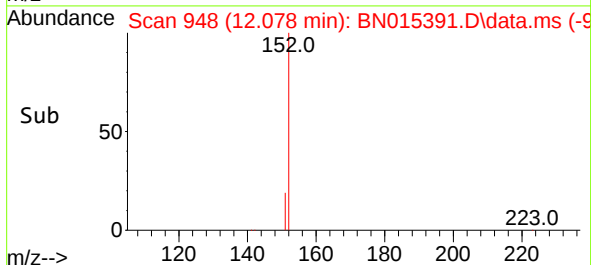
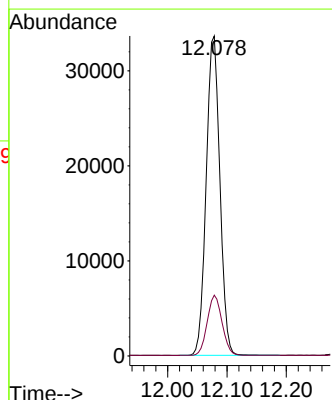
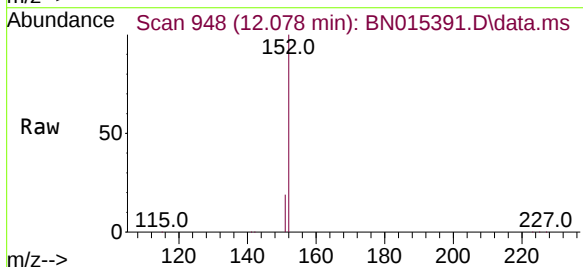
Instrument :
BNA_N
ClientSampleId :

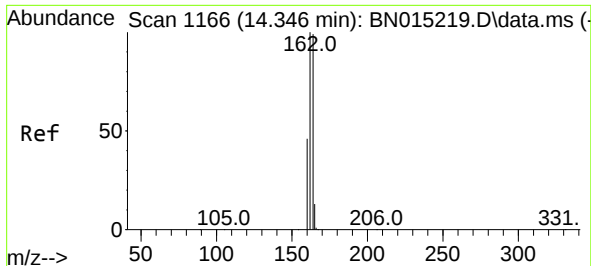
Tgt Ion: 82 Resp: 26118
Ion Ratio Lower Upper
82 100
128 43.1 31.6 47.4
54 46.6 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

Tgt Ion: 152 Resp: 53681
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

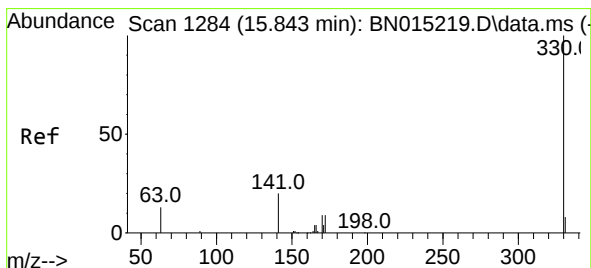
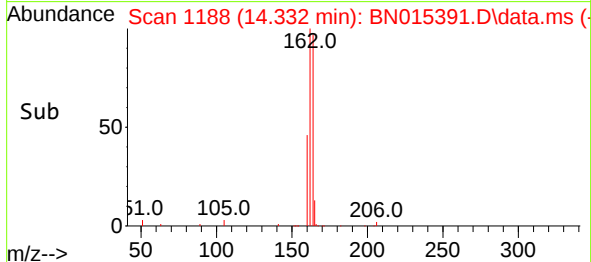
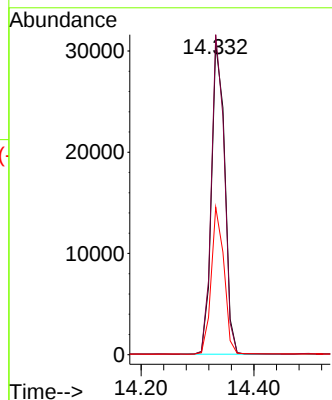
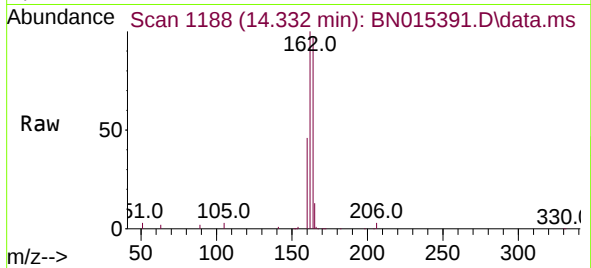




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

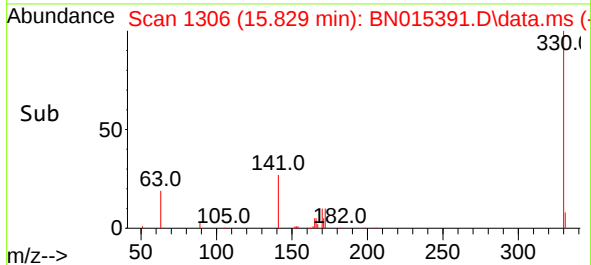
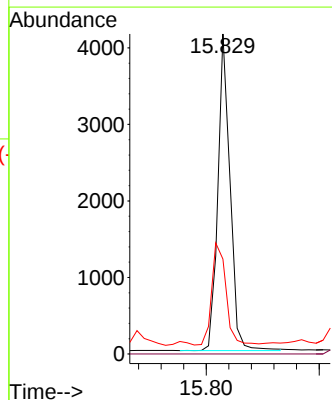
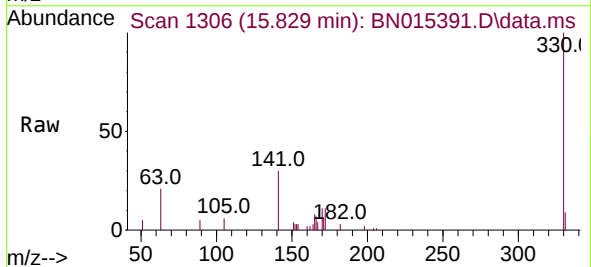
Instrument :
BNA_N
ClientSampleId :

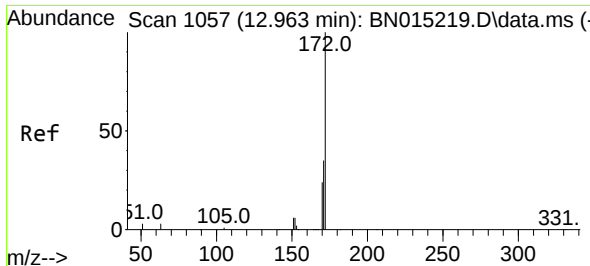
Tgt Ion:164 Resp: 49923
Ion Ratio Lower Upper
164 100
162 102.9 83.8 125.6
160 47.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

Tgt Ion:330 Resp: 6192
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.6 22.4 33.6#

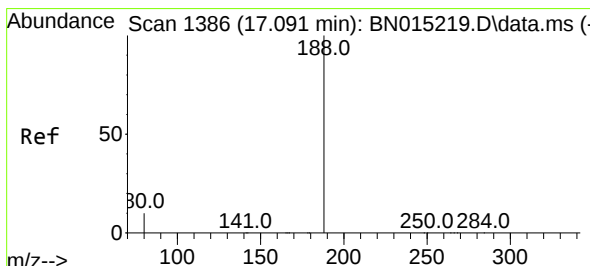
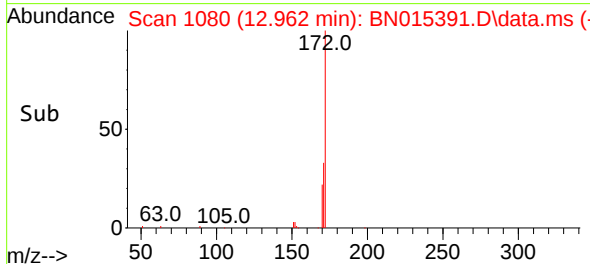
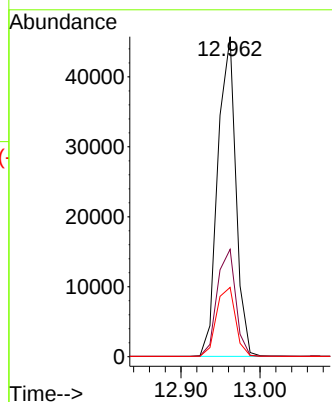
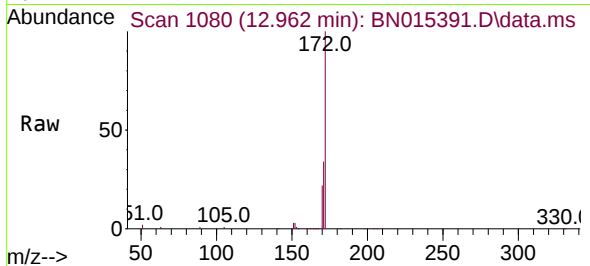




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

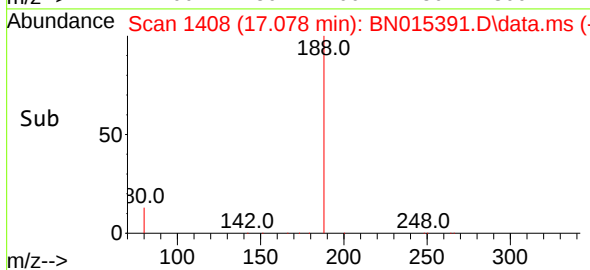
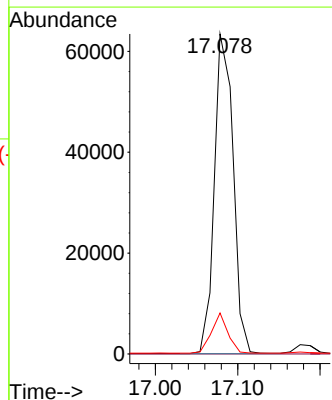
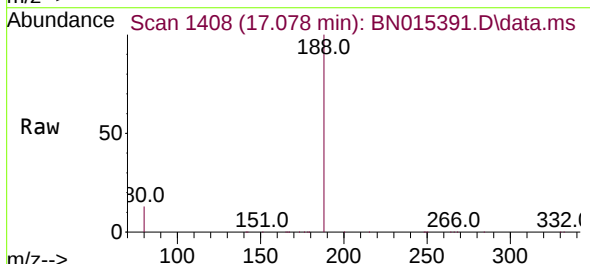
Instrument :
BNA_N
ClientSampled :

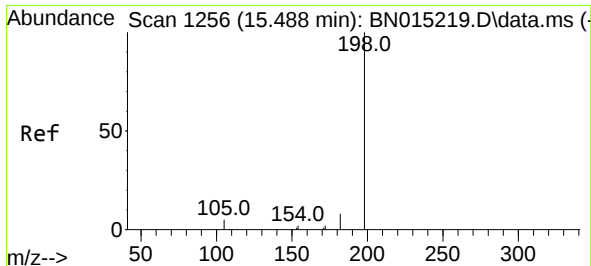
Tgt Ion:172	Resp:	72634
Ion Ratio	Lower	Upper
172	100	
171	33.5	30.6 45.8
170	21.6	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

Tgt Ion:188	Resp:	100292
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.8	9.0 13.4

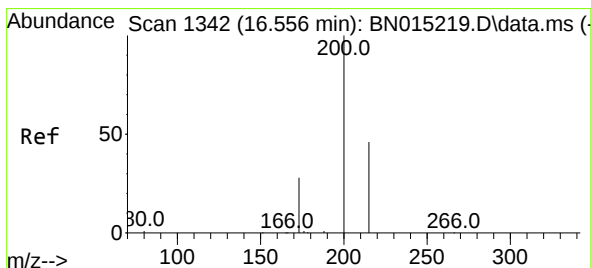
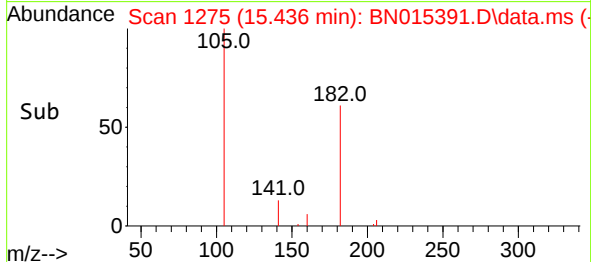
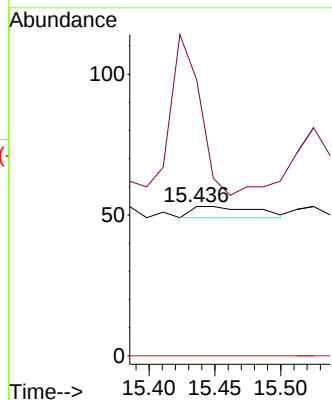
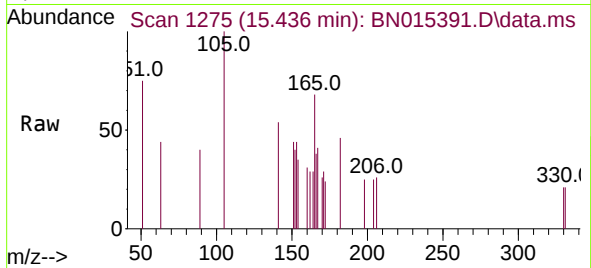




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.038 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

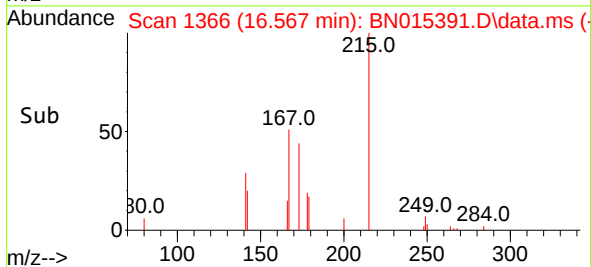
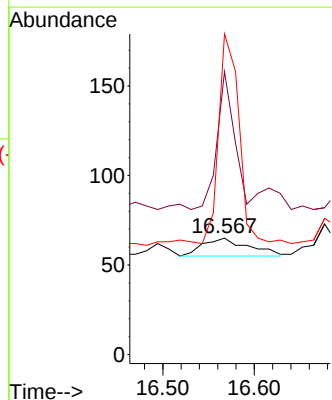
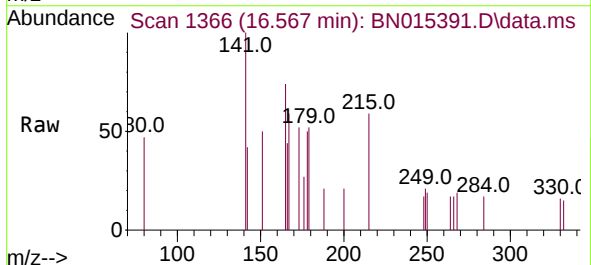
Instrument :
BNA_N
ClientSampled :

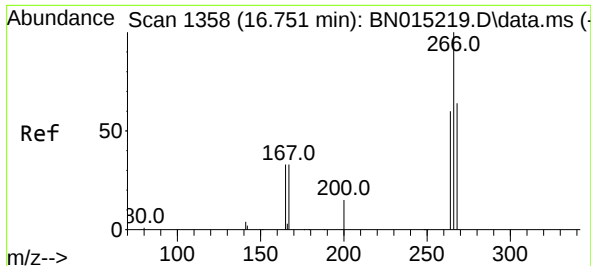
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 184.9 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.024 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

Tgt Ion:200 Resp: 35
Ion Ratio Lower Upper
200 100
173 243.1 21.7 32.5#
215 275.4 43.1 64.7#

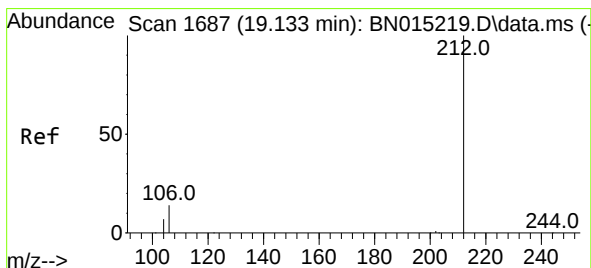
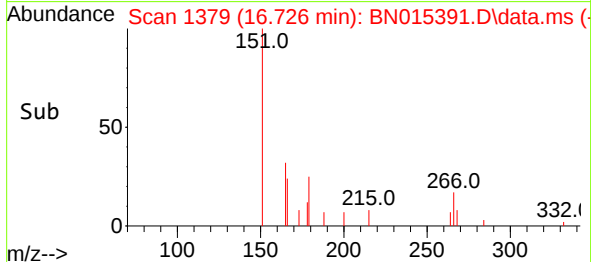
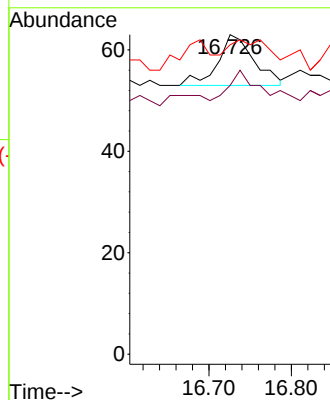
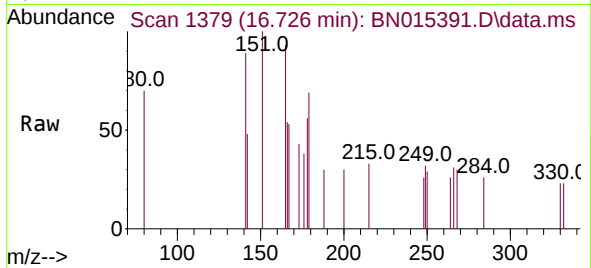




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.726 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

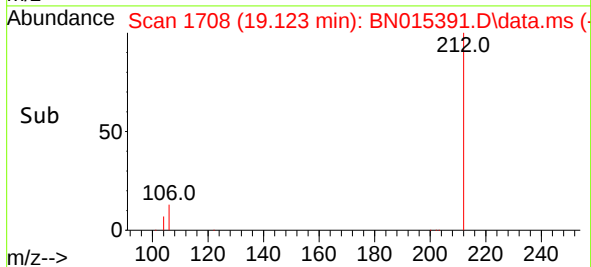
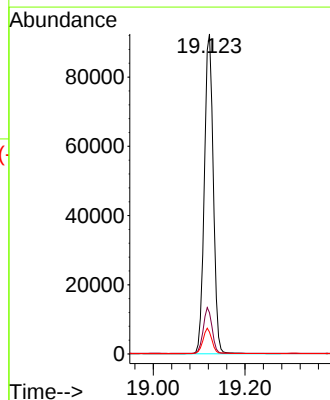
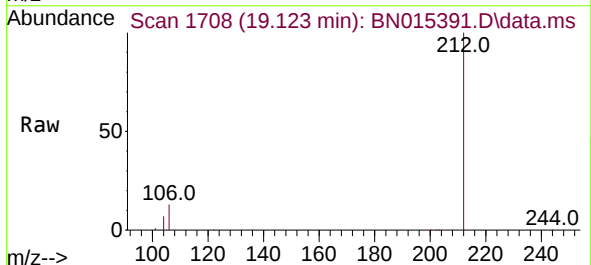
Instrument :
BNA_N
ClientSampleId :

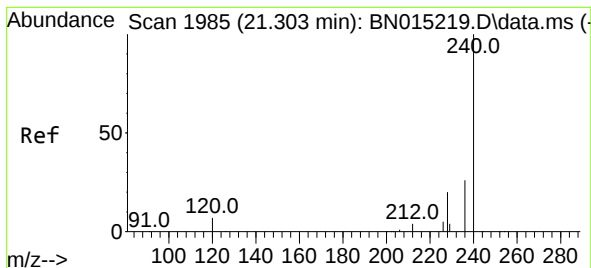
Tgt Ion:266 Resp: 31
Ion Ratio Lower Upper
266 100
264 48.4 51.0 76.4#
268 83.9 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015391.D
Acq: 08 Jul 2021 03:33

Tgt Ion:212 Resp: 124385
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.9 4.1 6.1#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.281 min Scan# 2006

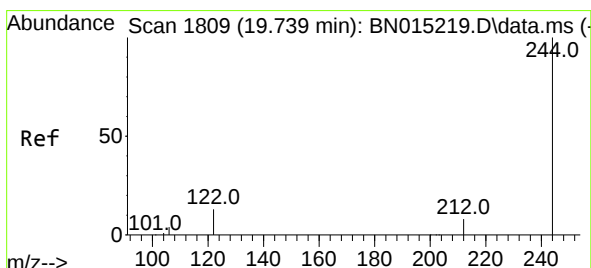
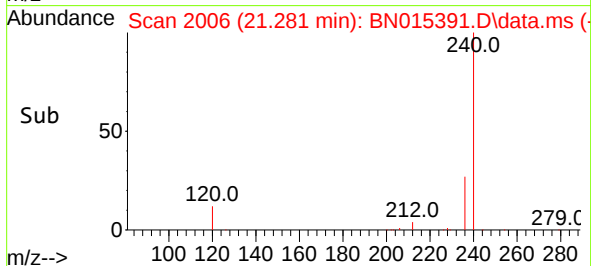
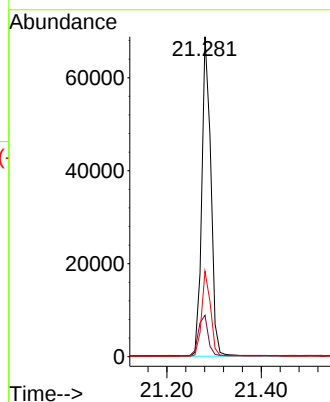
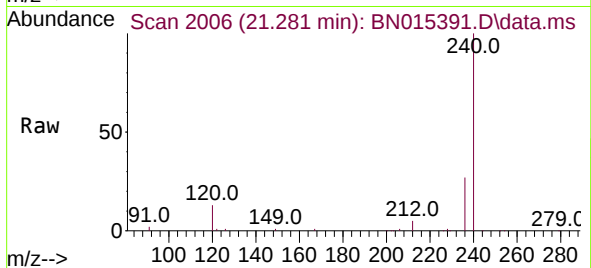
Delta R.T. -0.010 min

Lab File: BN015391.D

Acq: 08 Jul 2021 03:33

Tgt Ion:	240	Resp:	92112
Ion Ratio	Lower	Upper	
240	100		
120	12.9	4.2	6.4#
236	26.7	21.4	32.2

Instrument :
BNA_N
ClientSampled :



#31

Terphenyl-d14

Concen: 0.44 ng

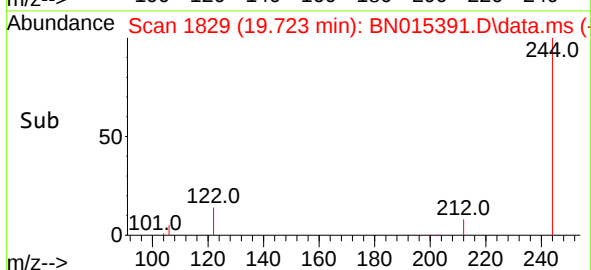
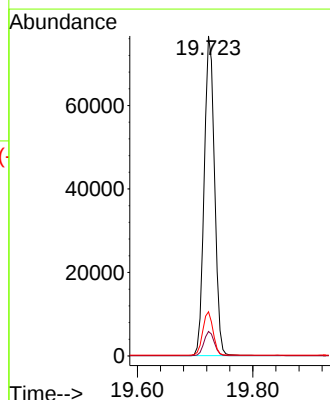
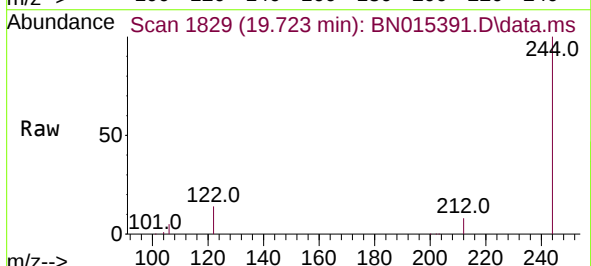
RT: 19.723 min Scan# 1829

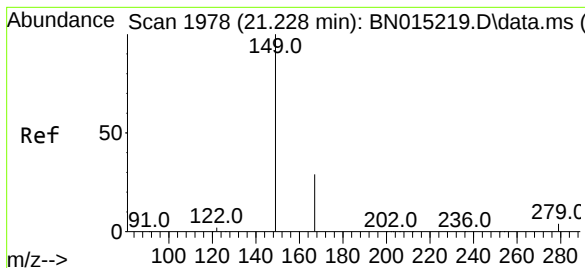
Delta R.T. -0.005 min

Lab File: BN015391.D

Acq: 08 Jul 2021 03:33

Tgt Ion:	244	Resp:	95140
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.3	9.5
122	13.8	6.2	9.2#

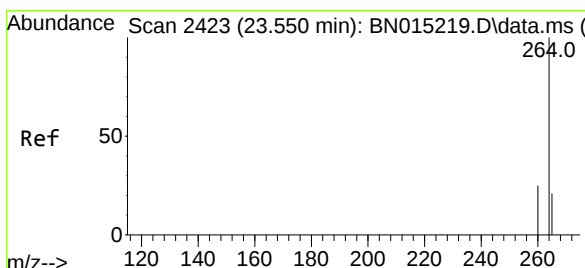
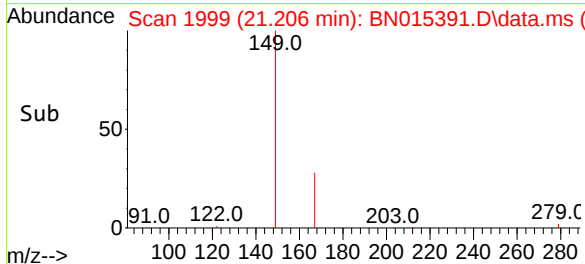
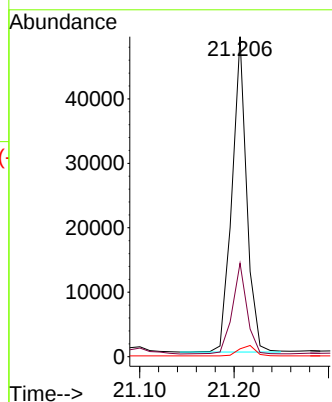
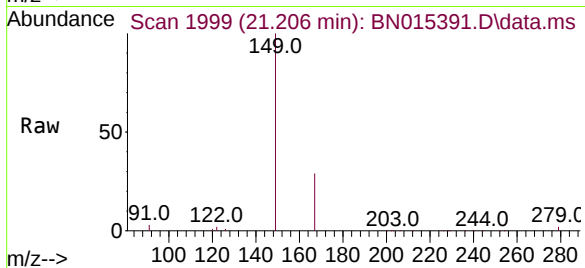




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.61 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN015391.D
 Acq: 08 Jul 2021 03:33

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 52979
 Ion Ratio Lower Upper
 149 100
 167 28.2 28.9 43.3#
 279 3.8 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.526 min Scan# 2439
 Delta R.T. -0.003 min
 Lab File: BN015391.D
 Acq: 08 Jul 2021 03:33

Tgt Ion:264 Resp: 88103
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 31.0
 265 23.1 21.4 32.2

