

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015396.D
 Acq On : 08 Jul 2021 06:33
 Operator : CG/JU
 Sample : M2953-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 08:05:59 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)

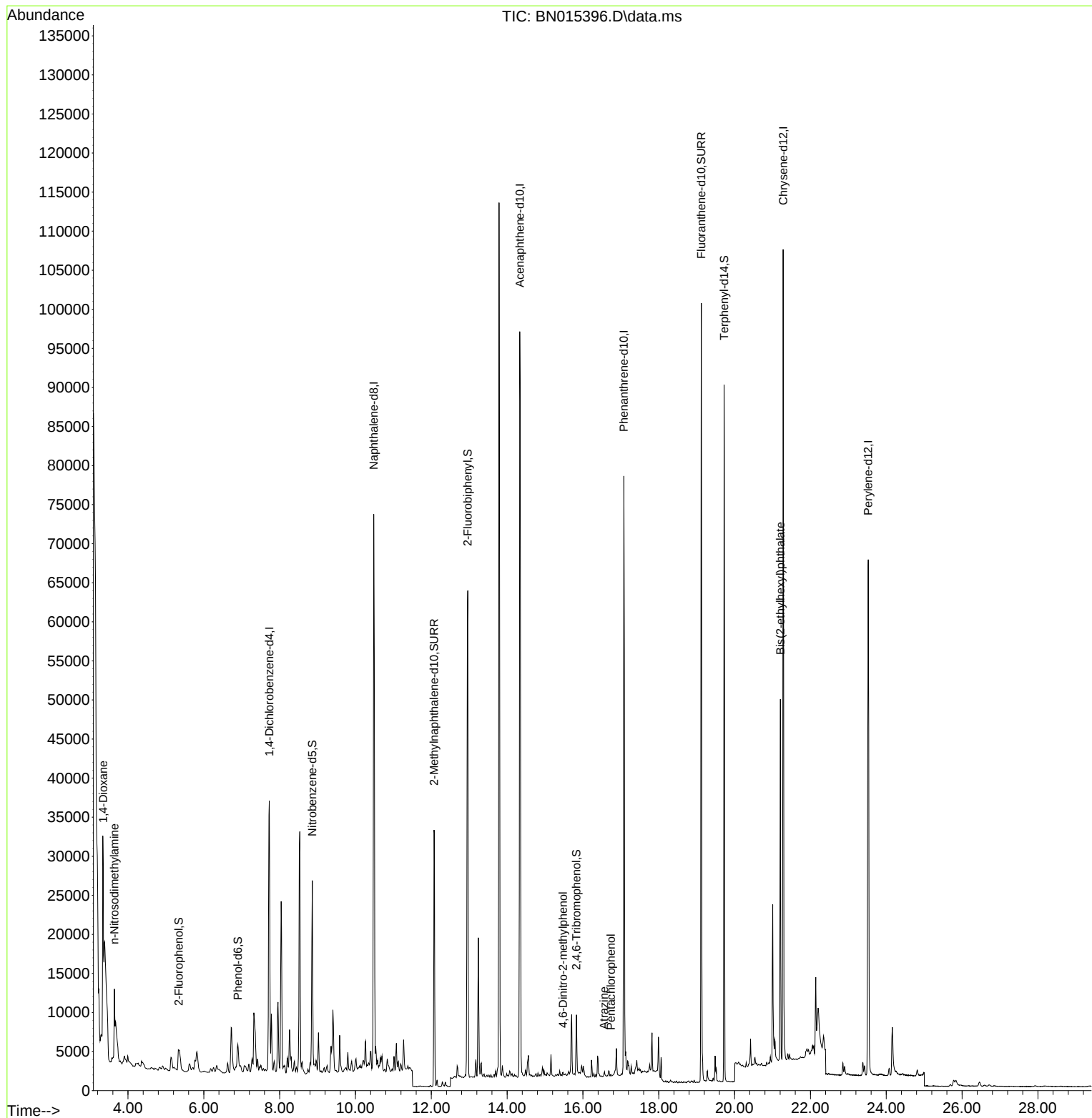
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	21079	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	96014	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	53725	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	103702	0.40	ng	0.00
29) Chrysene-d12	21.281	240	92477	0.40	ng	#-0.01
35) Perylene-d12	23.526	264	87972	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	5493	0.10	ng	0.00
5) Phenol-d6	6.896	99	3905	0.06	ng	0.00
8) Nitrobenzene-d5	8.861	82	21041	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.074	152	43910	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	5568	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	59611	0.27	ng	0.00
27) Fluoranthene-d10	19.123	212	109434	0.36	ng	0.00
31) Terphenyl-d14	19.723	244	85880	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	19778	2.00	ng	# 62
3) n-Nitrosodimethylamine	3.641	42	1569	0.08	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.474	198	25	0.20	ng	# 11
23) Atrazine	16.555	200	66	0.17	ng	# 1
24) Pentachlorophenol	16.738	266	96	0.25	ng	92
34) Bis(2-ethylhexyl)phtha...	21.206	149	38873	0.49	ng	# 87

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

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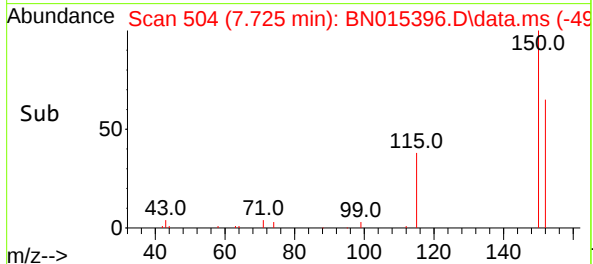
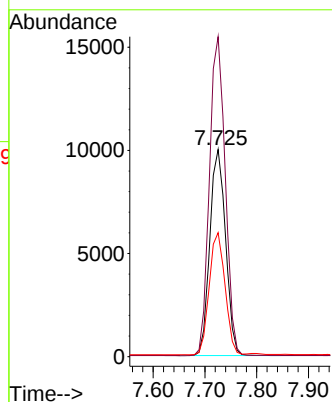
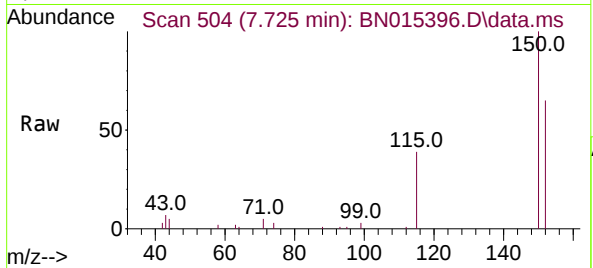




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015396.D
 Acq: 08 Jul 2021 06:33

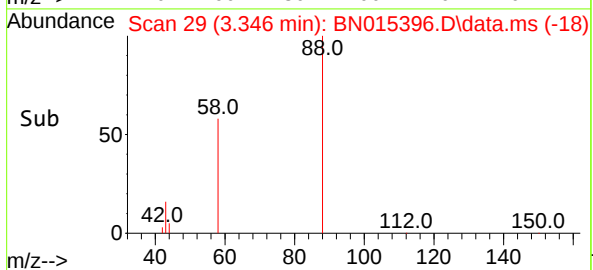
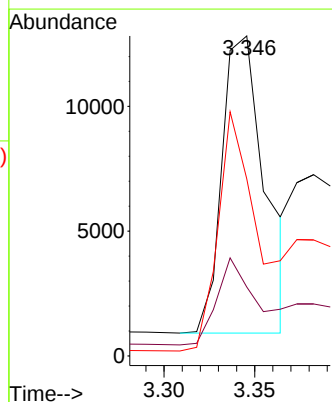
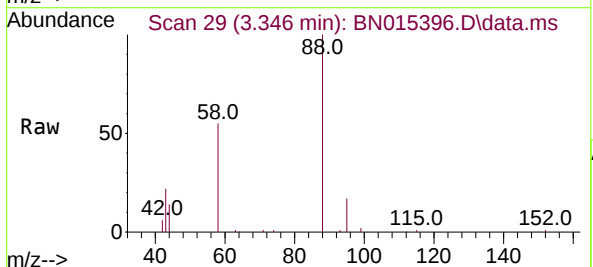
Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:152 Resp: 21079
 Ion Ratio Lower Upper
 152 100
 150 154.5 119.0 178.6
 115 59.9 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.00 ng
 RT: 3.346 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN015396.D
 Acq: 08 Jul 2021 06:33

Tgt Ion: 88 Resp: 19778
 Ion Ratio Lower Upper
 88 100
 43 28.1 12.9 19.3#
 58 75.2 38.1 57.1#

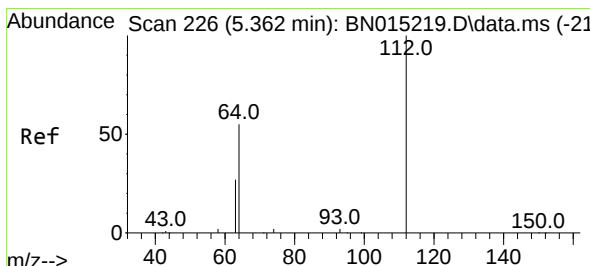
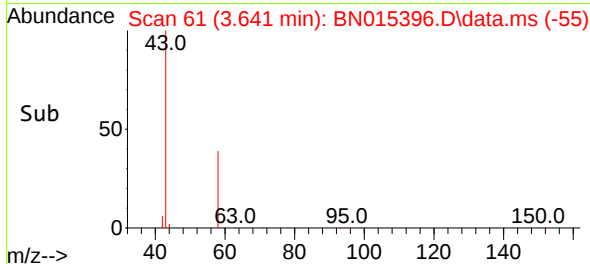
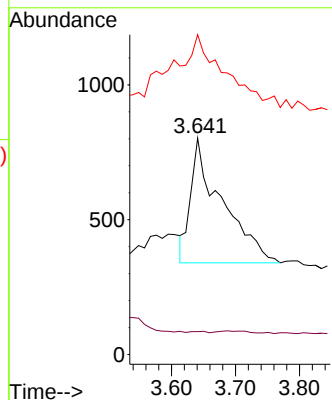
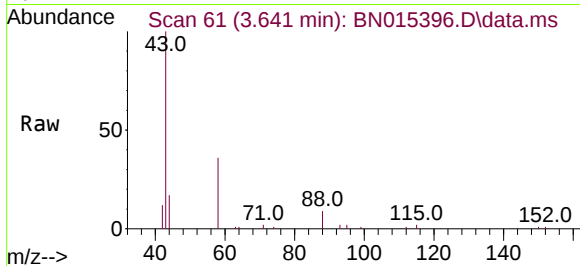




#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.641 min Scan# 61
Delta R.T. -0.046 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

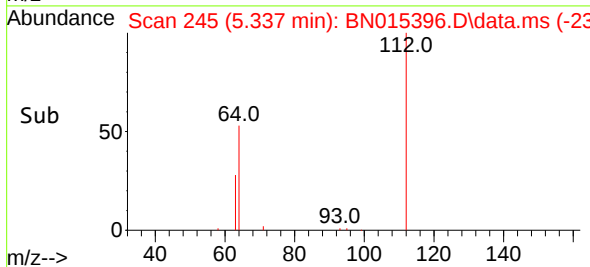
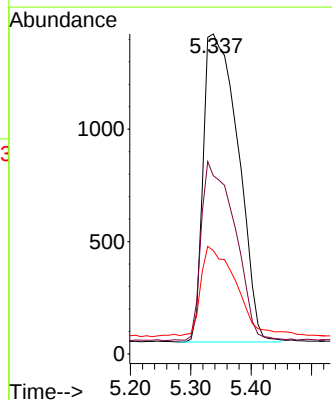
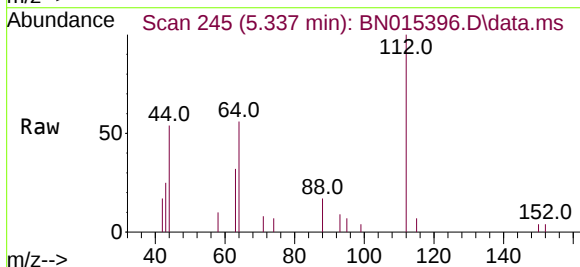
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 42 Resp: 1569
Ion Ratio Lower Upper
42 100
74 0.4 149.5 224.3#
44 68.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.337 min Scan# 245
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion: 112 Resp: 5493
Ion Ratio Lower Upper
112 100
64 56.1 39.0 58.6
63 28.2 20.6 30.8

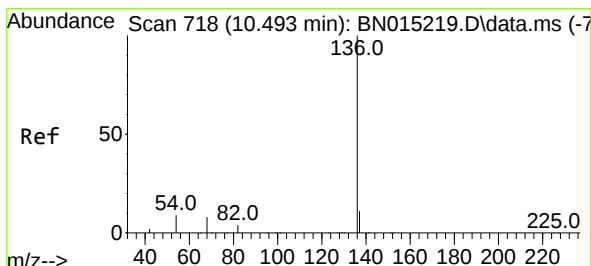
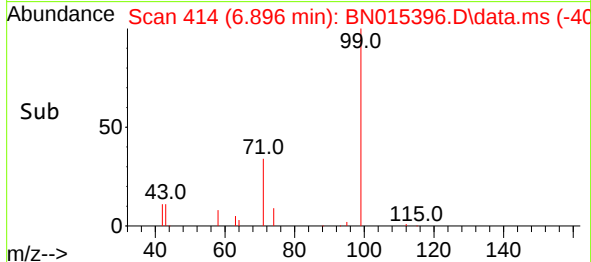
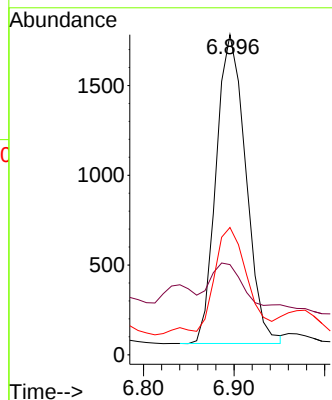
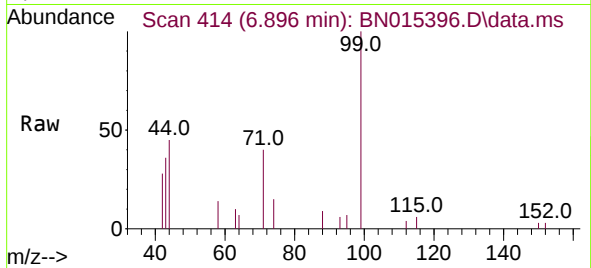




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

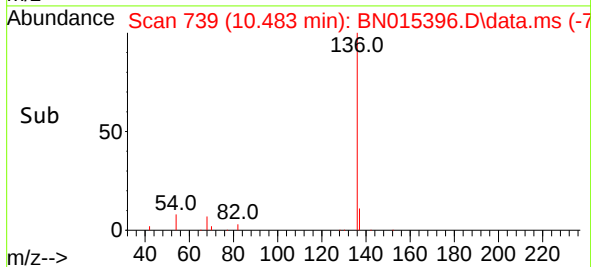
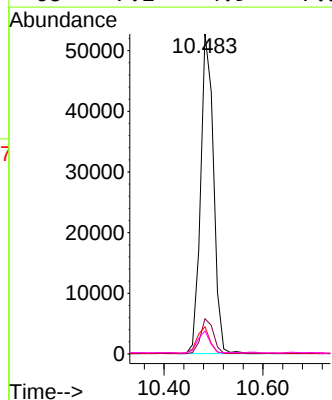
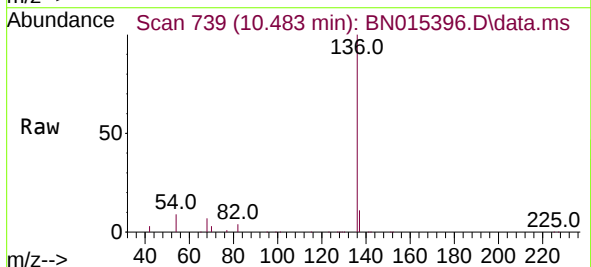
Instrument :
BNA_N
ClientSampled :

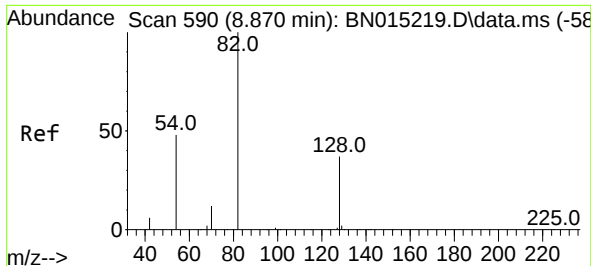
Tgt Ion: 99 Resp: 3905
Ion Ratio Lower Upper
99 100
42 15.0 8.9 13.3#
71 40.1 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion: 136 Resp: 96014
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 8.5 5.4 8.2#
68 7.2 4.9 7.3

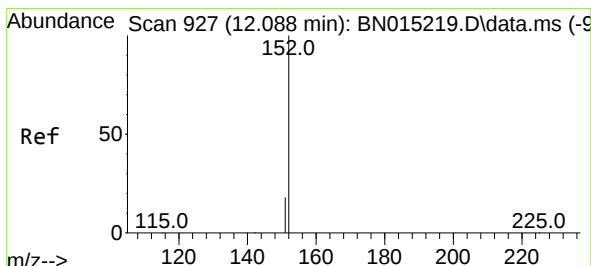
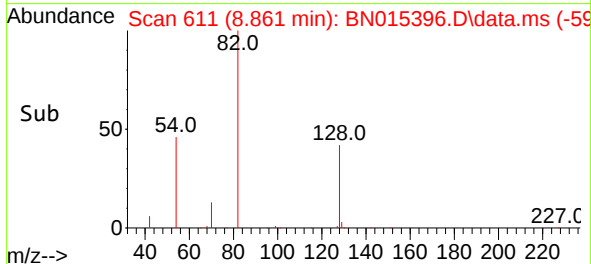
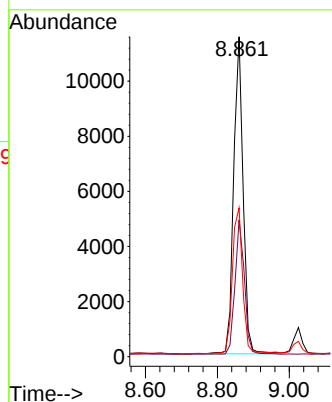
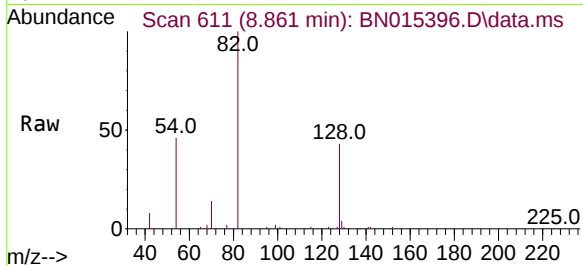




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

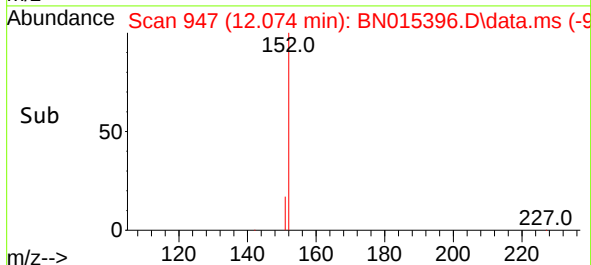
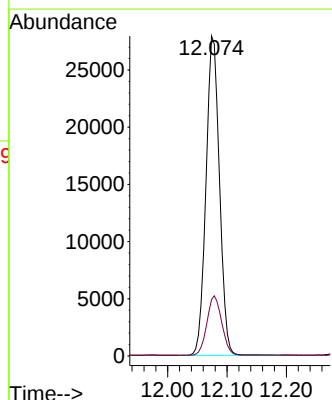
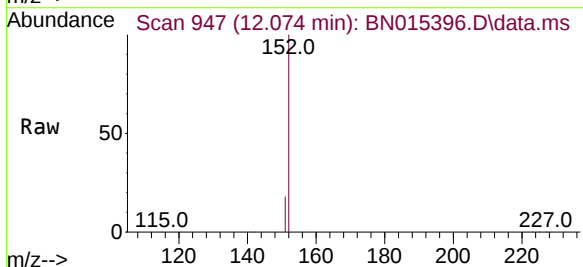
Instrument :
BNA_N
ClientSampleId :

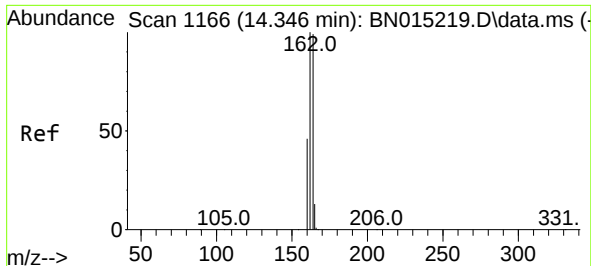
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.6	47.4
54	46.5	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.004 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1

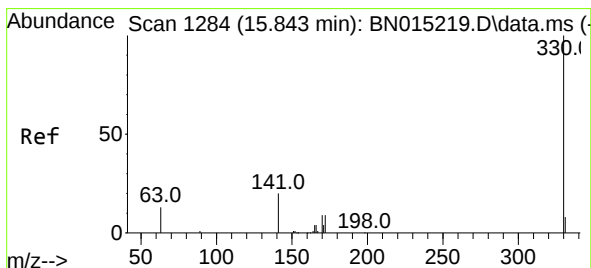
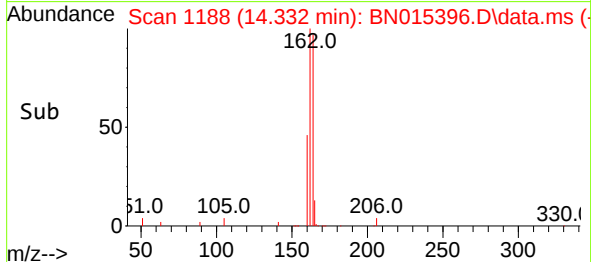
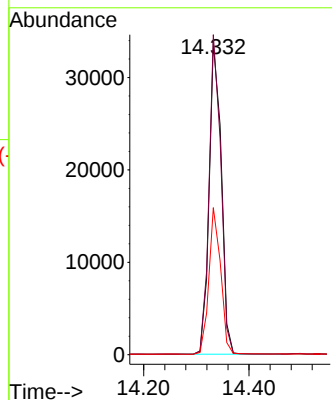
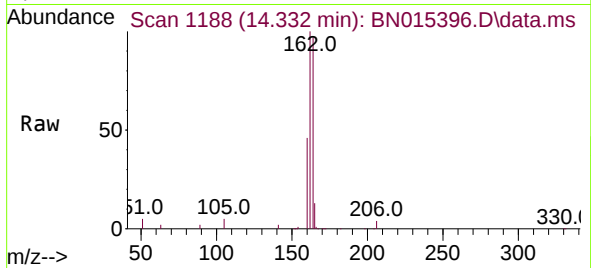




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

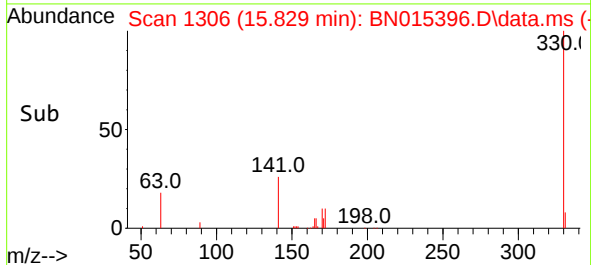
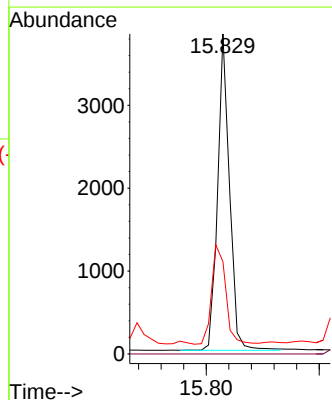
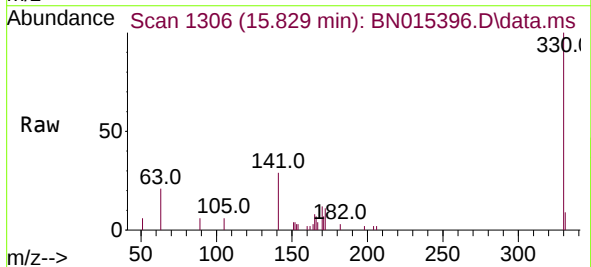
Instrument :
BNA_N
ClientSampleId :

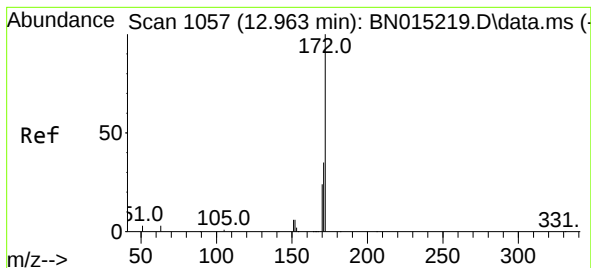
Tgt Ion:164 Resp: 53725
Ion Ratio Lower Upper
164 100
162 102.7 83.8 125.6
160 47.2 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion:330 Resp: 5568
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 22.4 33.6#

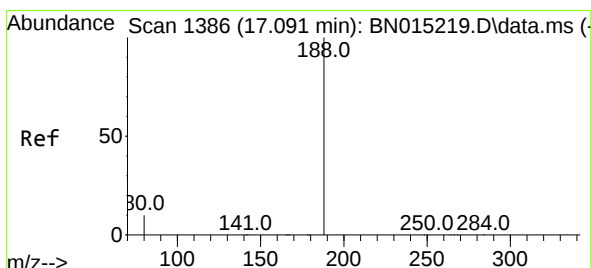
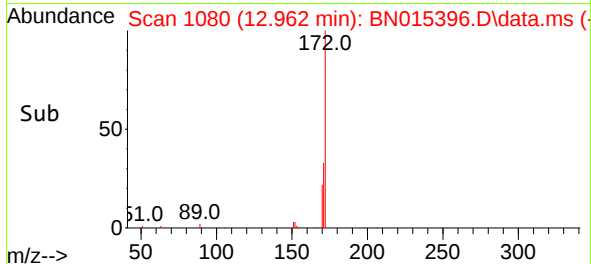
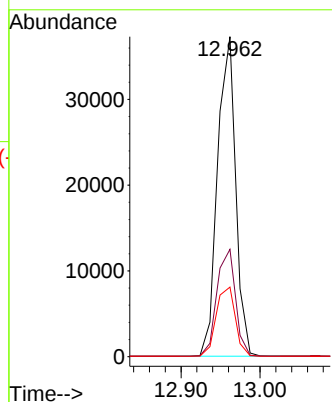
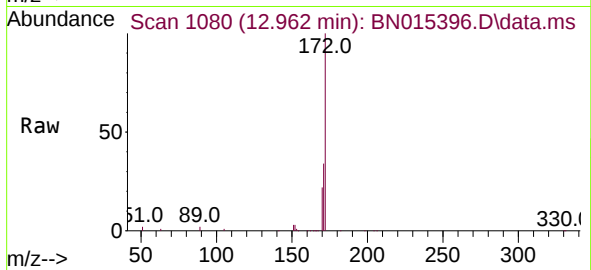




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

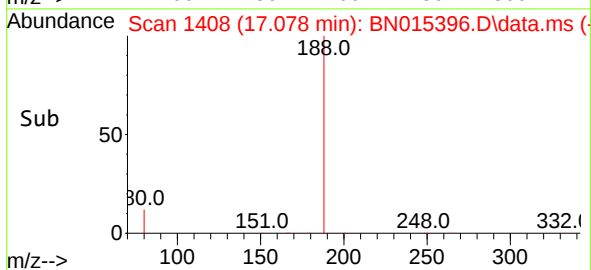
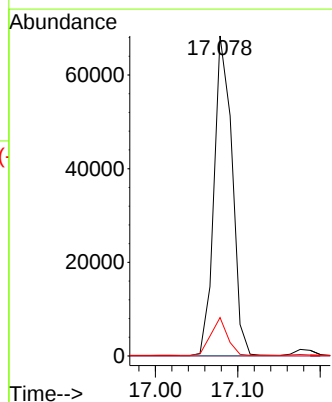
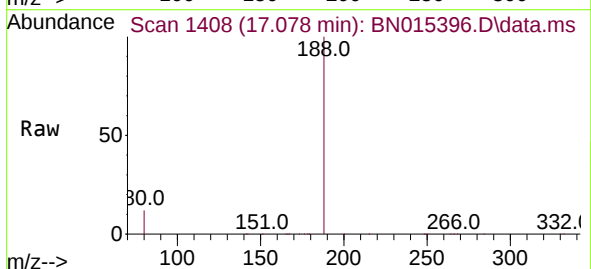
Instrument :
BNA_N
ClientSampled :

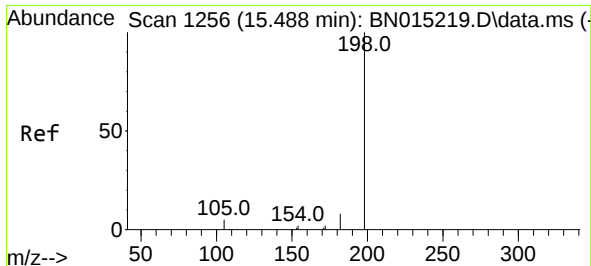
Tgt Ion:172	Resp:	59611
Ion Ratio	Lower	Upper
172	100	
171	33.6	30.6 45.8
170	21.8	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion:188	Resp:	103702
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.0	9.0 13.4

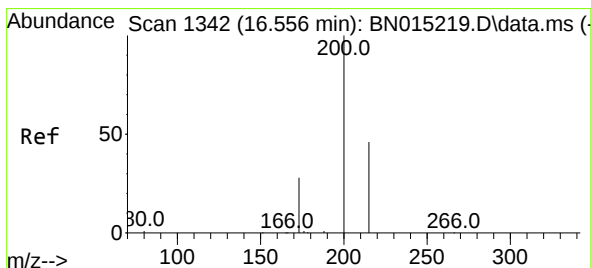
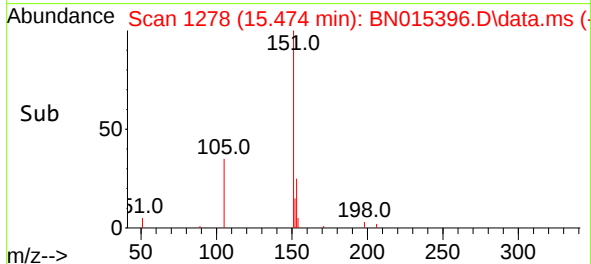
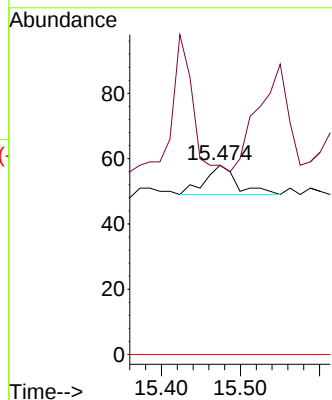
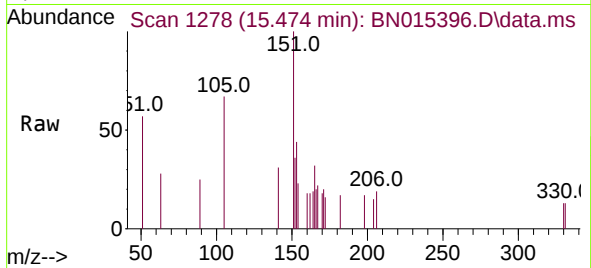




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

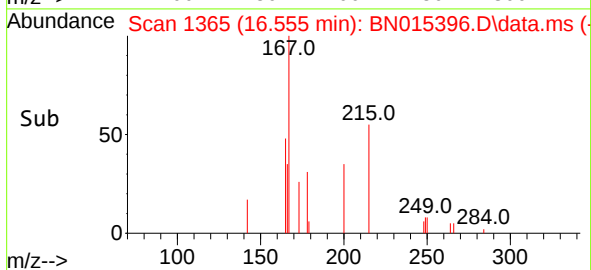
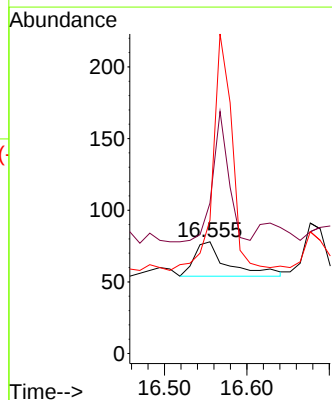
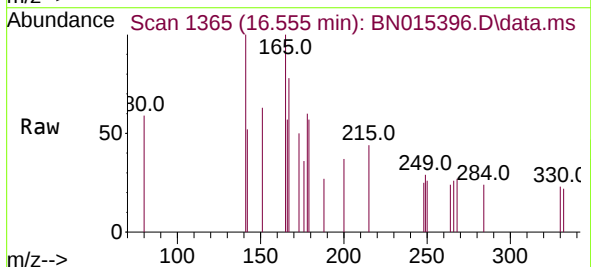
Instrument :
BNA_N
ClientSampled :

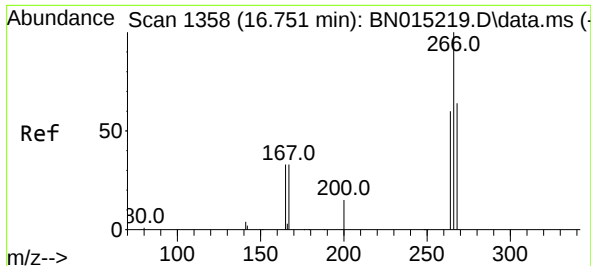
Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
182 100.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion:200 Resp: 66
Ion Ratio Lower Upper
200 100
173 134.6 21.7 32.5#
215 119.2 43.1 64.7#

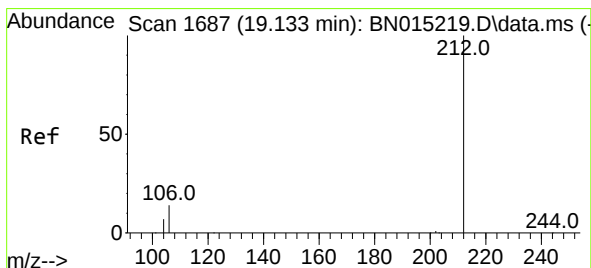
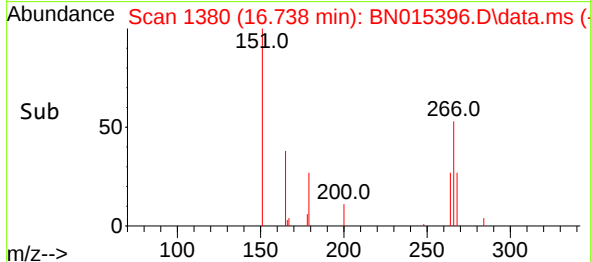
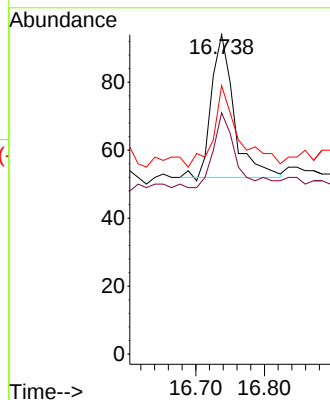
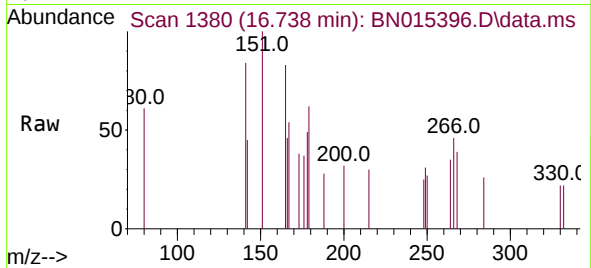




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.738 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

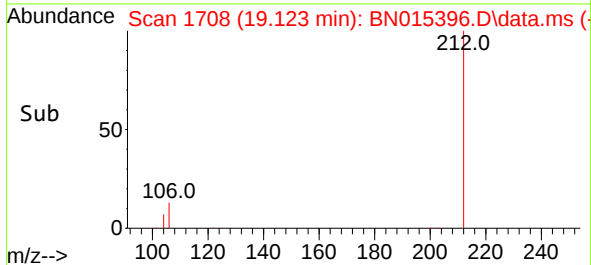
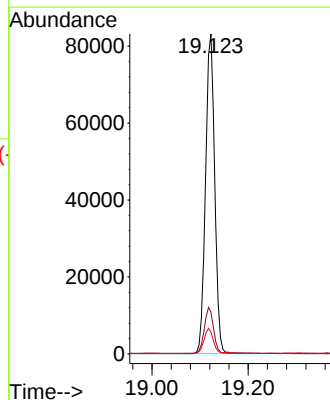
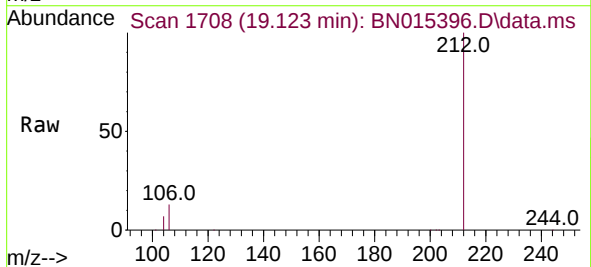
Instrument :
BNA_N
ClientSampleId :

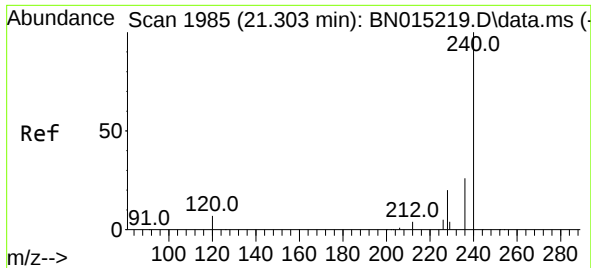
Tgt Ion:266 Resp: 96
Ion Ratio Lower Upper
266 100
264 52.1 51.0 76.4
268 63.5 50.6 76.0



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion:212 Resp: 109434
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.8 4.1 6.1#

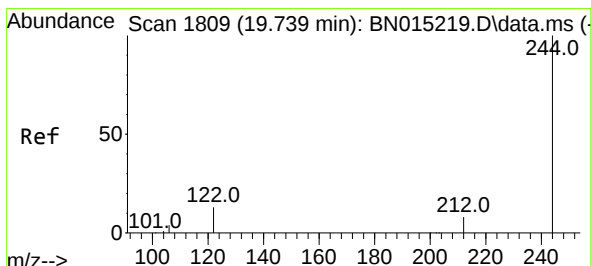
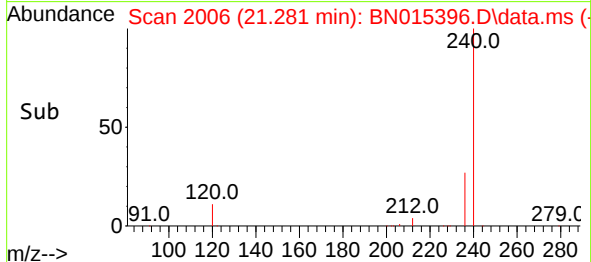
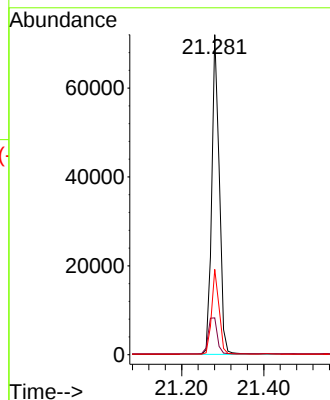
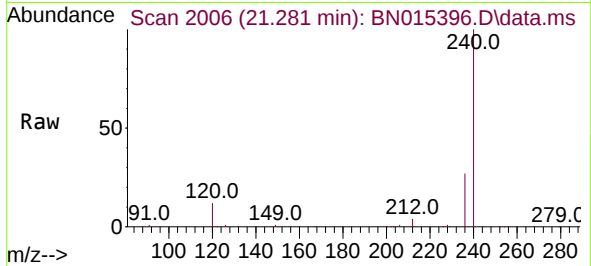




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

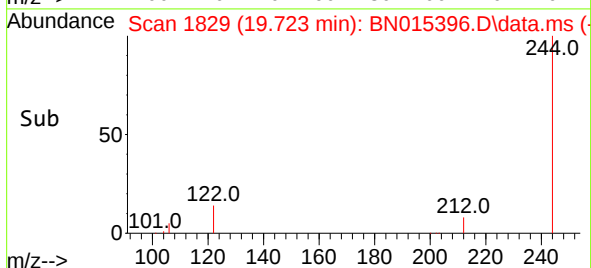
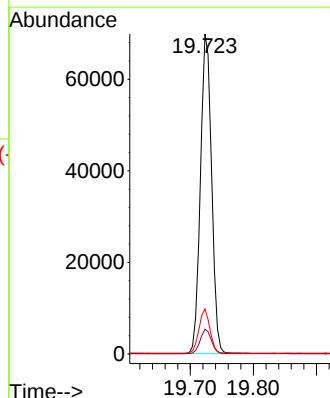
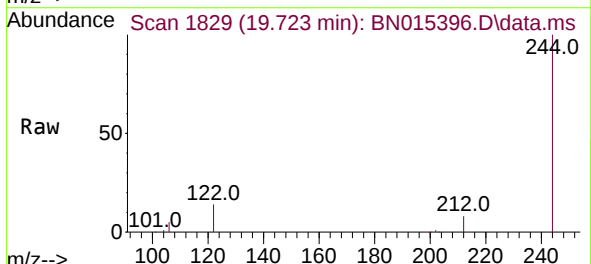
Instrument :
BNA_N
ClientSampled :

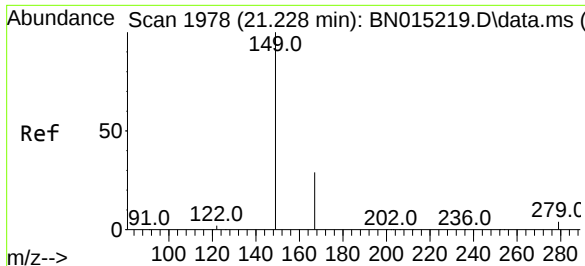
Tgt Ion:240 Resp: 92477
Ion Ratio Lower Upper
240 100
120 11.5 4.2 6.4#
236 26.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015396.D
Acq: 08 Jul 2021 06:33

Tgt Ion:244 Resp: 85880
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 14.0 6.2 9.2#

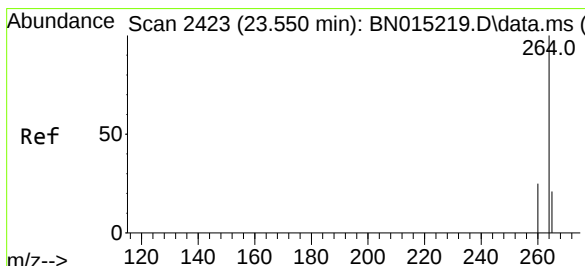
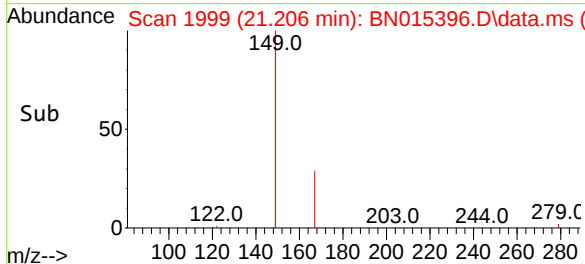
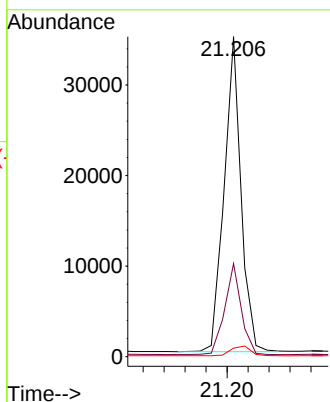
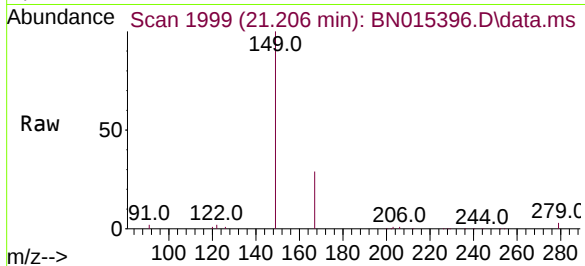




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.49 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN015396.D
 Acq: 08 Jul 2021 06:33

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 38873
 Ion Ratio Lower Upper
 149 100
 167 28.1 28.9 43.3#
 279 3.6 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: BN015396.D
 Acq: 08 Jul 2021 06:33

Tgt Ion:264 Resp: 87972
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.6 31.0
 265 22.8 21.4 32.2

