

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015390.D
 Acq On : 08 Jul 2021 02:56
 Operator : CG/JU
 Sample : M2939-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:45:24 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)

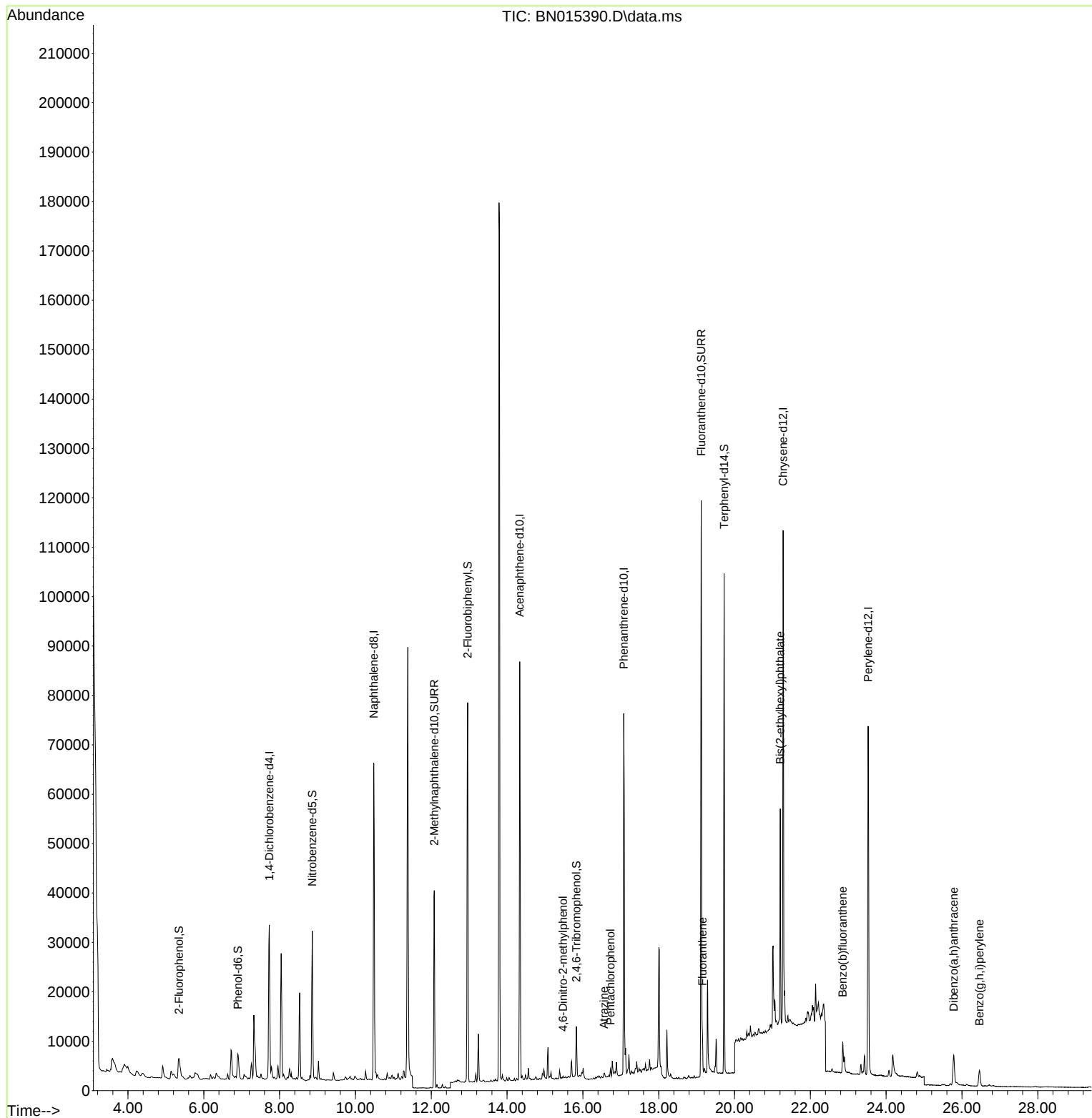
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19274	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	88780	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	49914	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	100911	0.40	ng	0.00
29) Chrysene-d12	21.281	240	91455	0.40	ng	#-0.01
35) Perylene-d12	23.526	264	90761	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	8084	0.16	ng	0.00
5) Phenol-d6	6.896	99	6056	0.10	ng	0.00
8) Nitrobenzene-d5	8.861	82	24994	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	52987	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7533	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	72434	0.36	ng	0.00
27) Fluoranthene-d10	19.123	212	126724	0.43	ng	0.00
31) Terphenyl-d14	19.723	244	96923	0.45	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.474	198	56	0.22	ng	# 23
23) Atrazine	16.555	200	375	0.18	ng	# 62
24) Pentachlorophenol	16.726	266	1067	0.33	ng	# 43
28) Fluoranthene	19.152	202	7746	0.02	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.206	149	36090	0.47	ng	# 88
37) Benzo(b)fluoranthene	22.855	252	7537	0.02	ng	# 46
40) Dibenzo(a,h)anthracene	25.785	278	6696	0.03	ng	# 80
41) Benzo(g,h,i)perylene	26.459	276	6648	0.02	ng	# 80

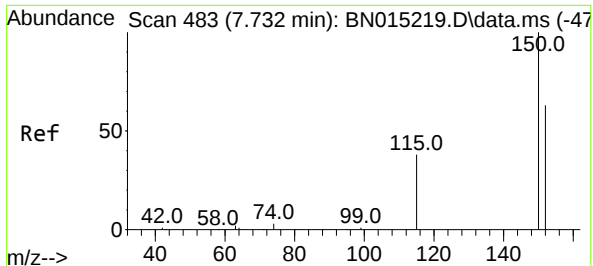
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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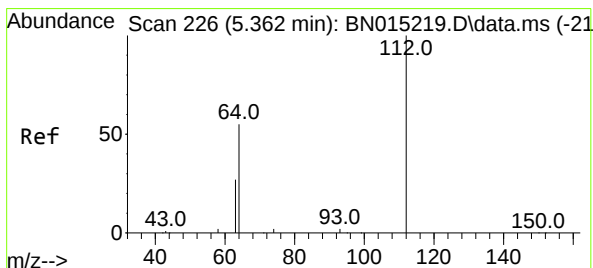
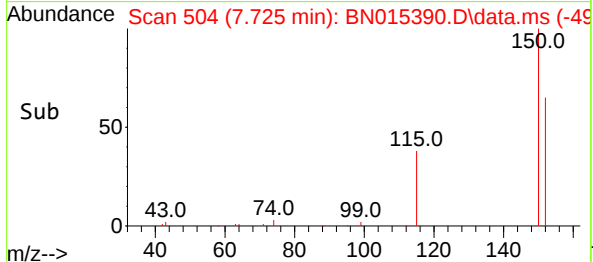
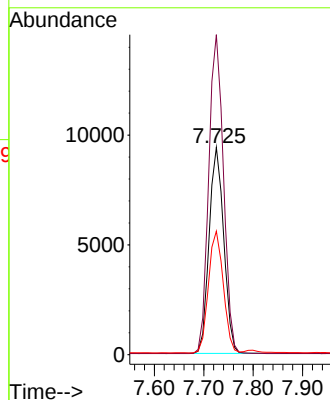
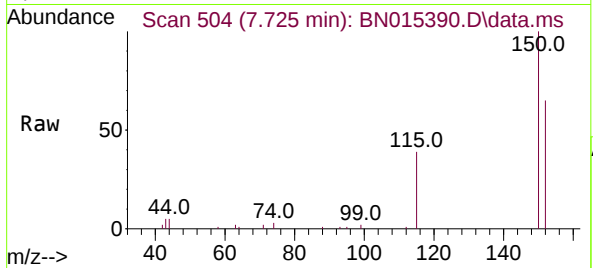




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

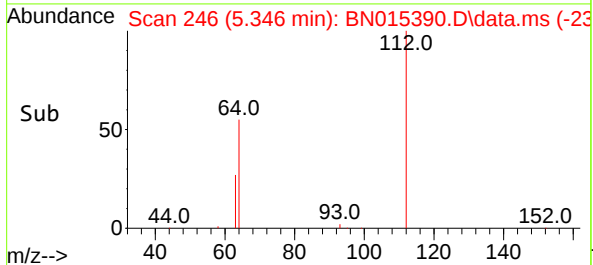
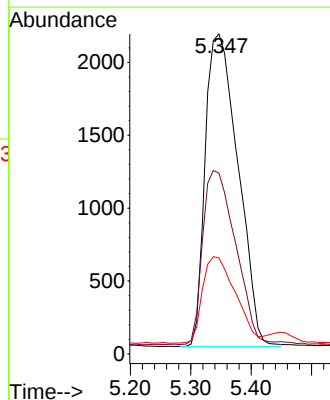
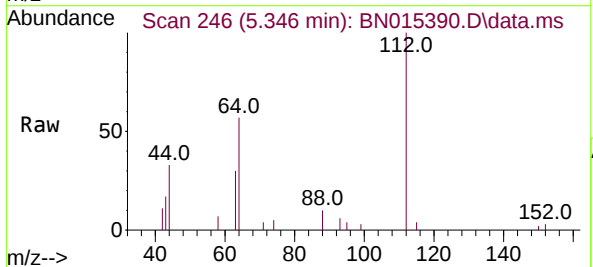
Instrument :
BNA_N
ClientSampled :

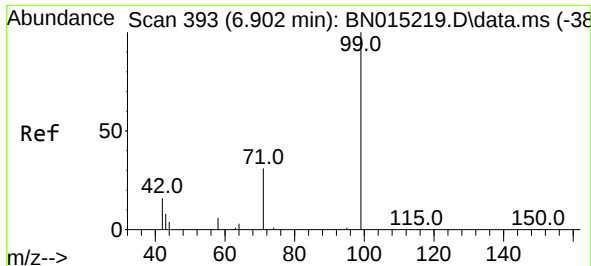
Tgt Ion:152 Resp: 19274
Ion Ratio Lower Upper
152 100
150 154.3 119.0 178.6
115 59.6 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:112 Resp: 8084
Ion Ratio Lower Upper
112 100
64 55.8 39.0 58.6
63 28.1 20.6 30.8

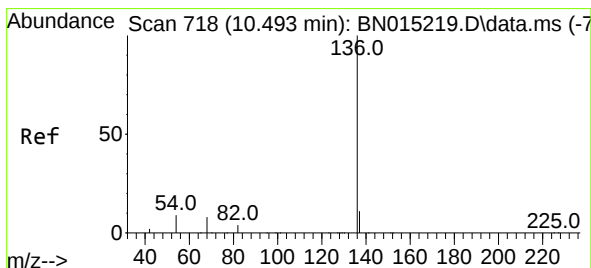
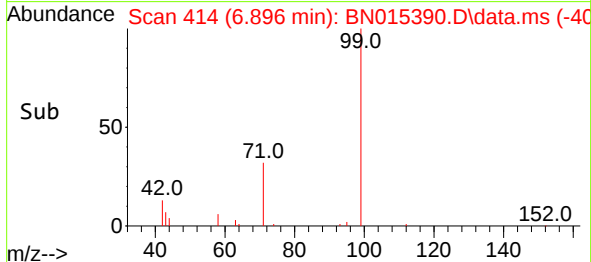
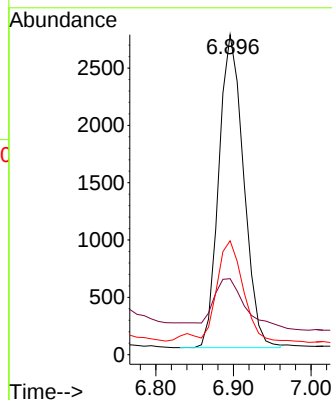
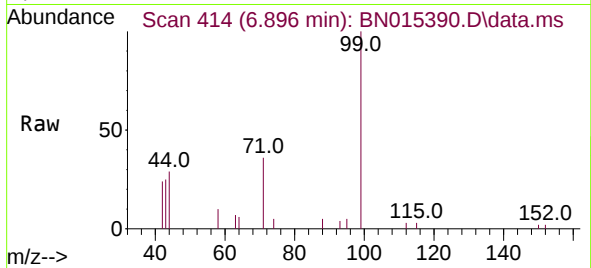




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

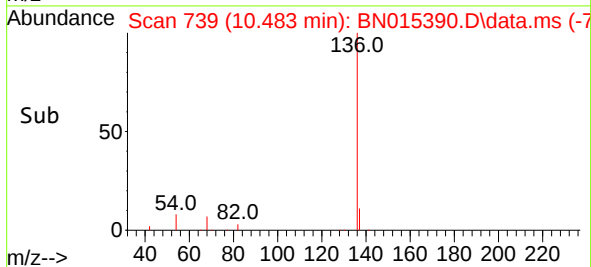
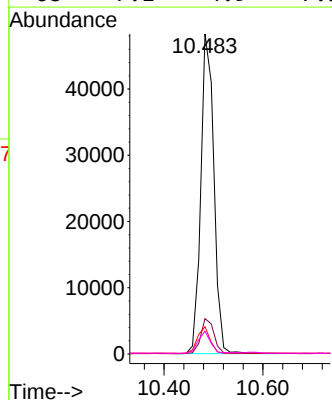
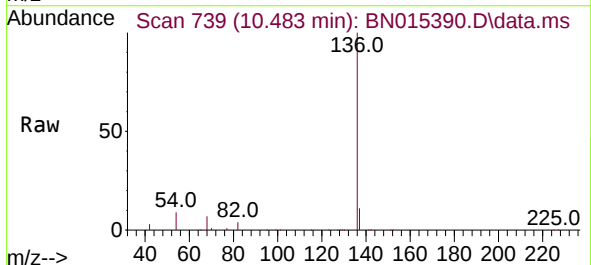
Instrument :
BNA_N
ClientSampled :

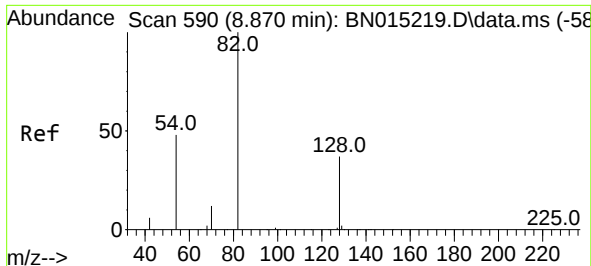
Tgt Ion: 99 Resp: 6056
Ion Ratio Lower Upper
99 100
42 17.8 8.9 13.3#
71 32.7 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion: 136 Resp: 88780
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 8.5 5.4 8.2#
68 7.1 4.9 7.3

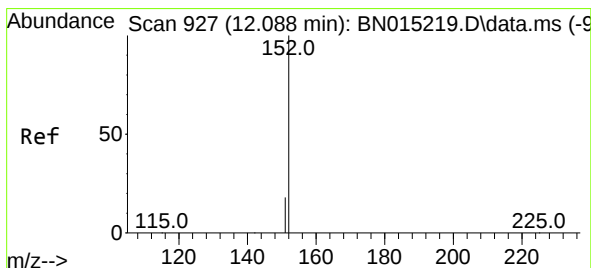
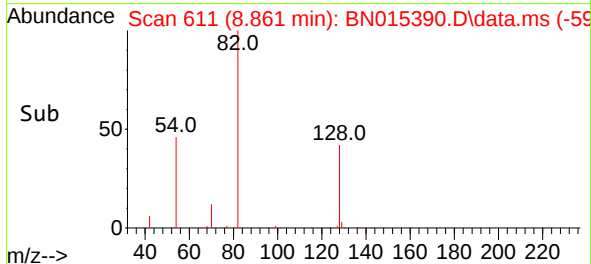
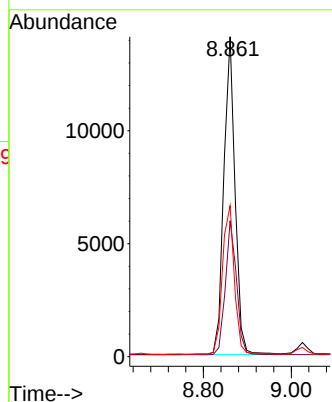
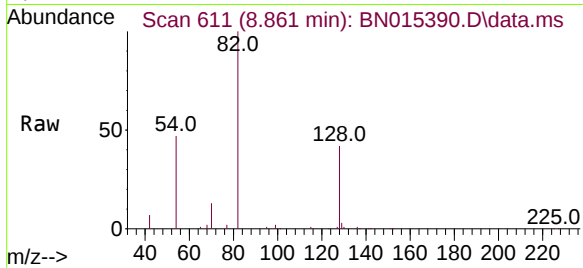




#8
Nitrobenzene-d5
Concen: 0.50 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

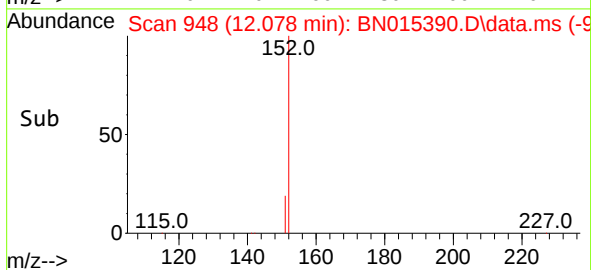
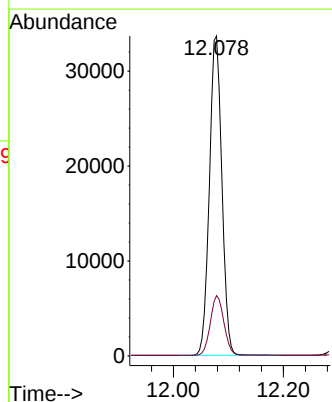
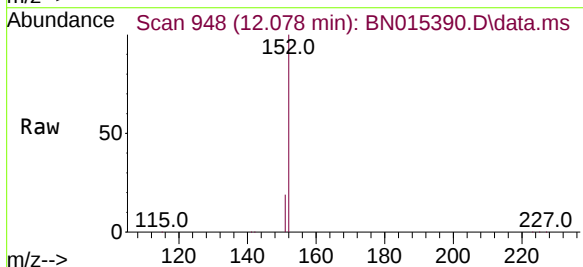
Instrument :
BNA_N
ClientSampleId :

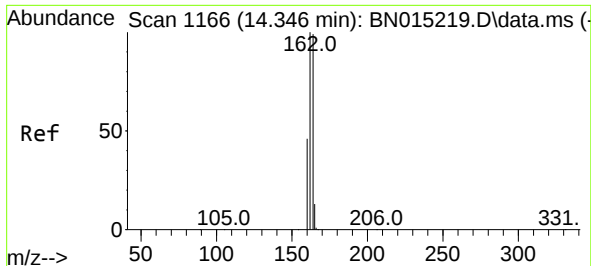
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.6	47.4
54	47.2	29.0	43.4



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1

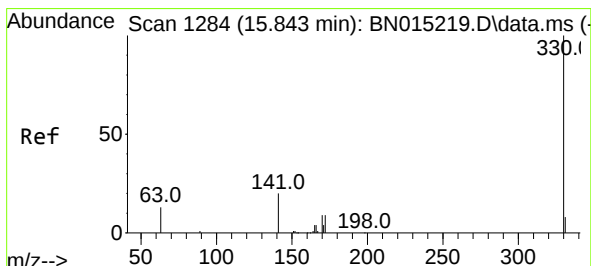
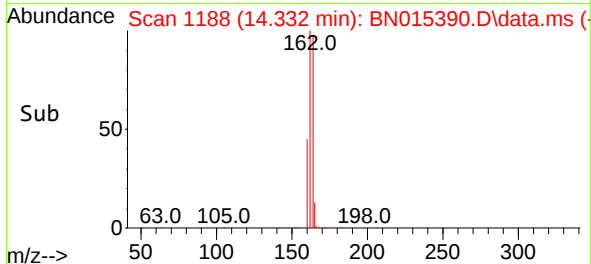
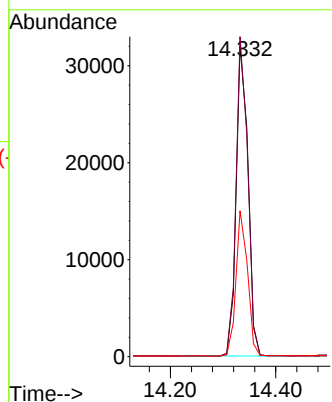
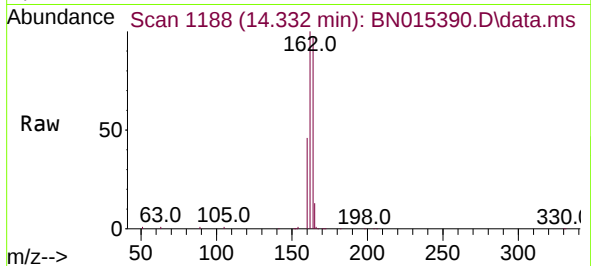




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

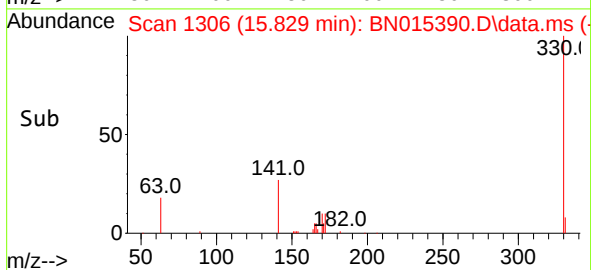
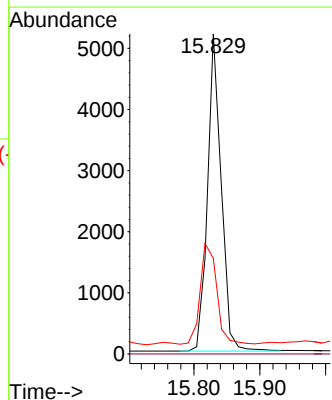
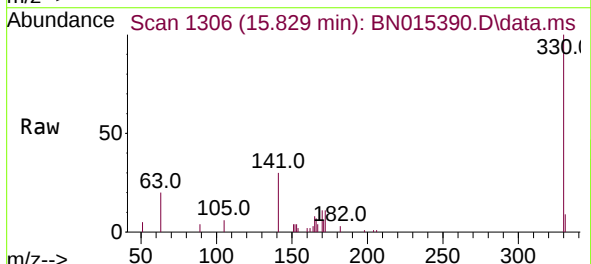
Instrument :
BNA_N
ClientSampled :

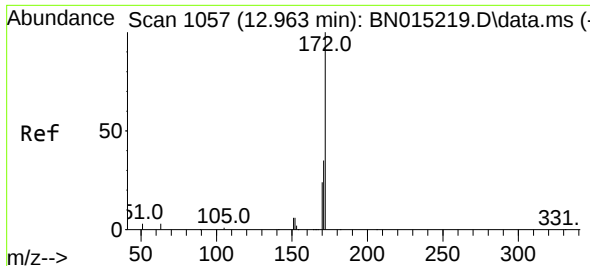
Tgt Ion:164 Resp: 49914
Ion Ratio Lower Upper
164 100
162 102.9 83.8 125.6
160 46.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.57 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:330 Resp: 7533
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.1 22.4 33.6#

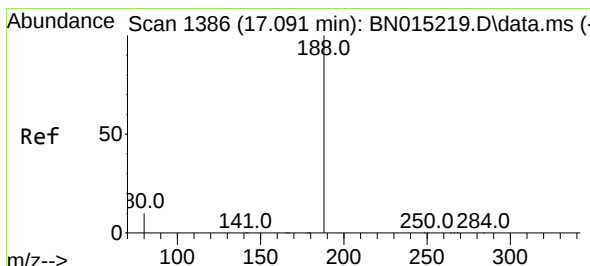
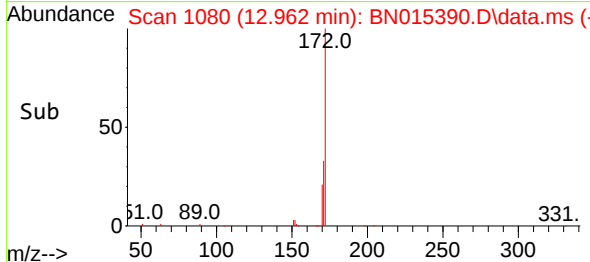
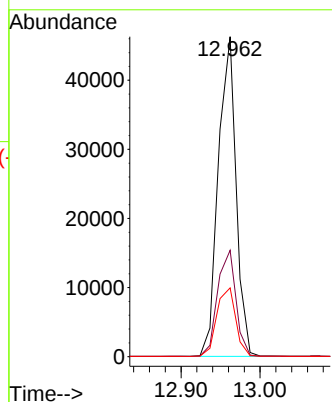
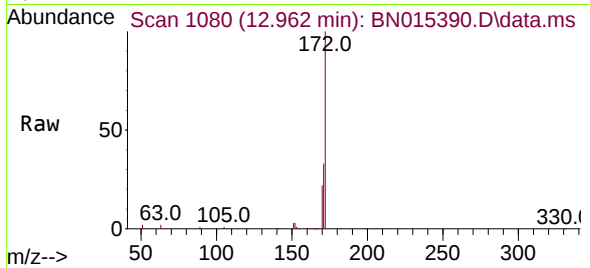




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

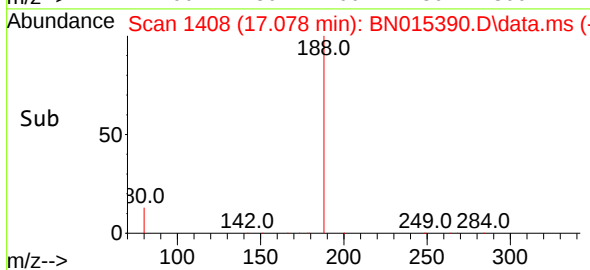
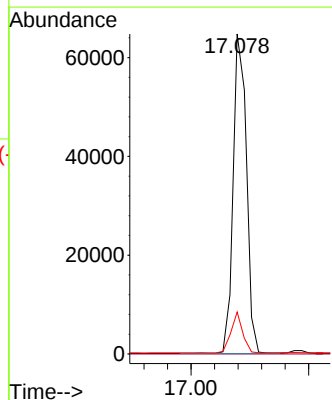
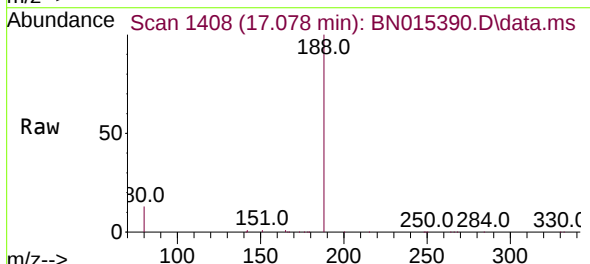
Instrument :
BNA_N
ClientSampled :

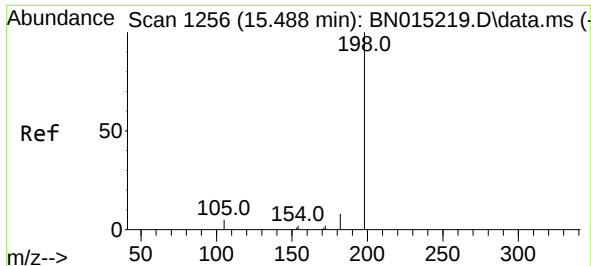
Tgt Ion:172 Resp: 72434
Ion Ratio Lower Upper
172 100
171 33.3 30.6 45.8
170 21.5 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:188 Resp: 100911
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 9.0 13.4

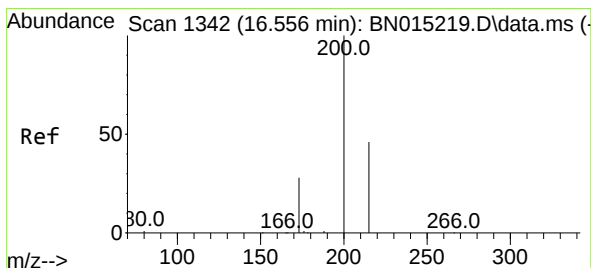
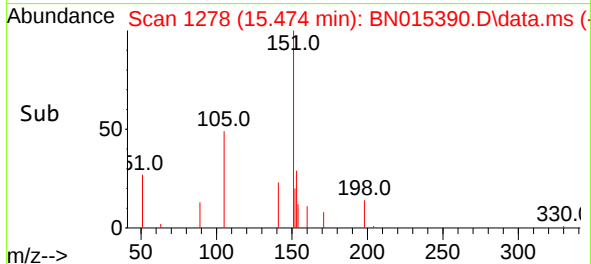
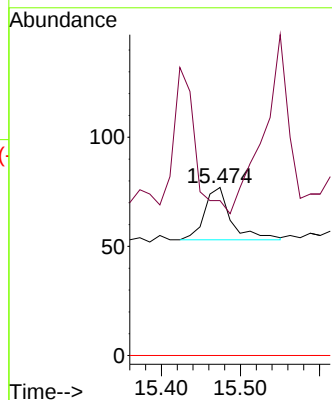
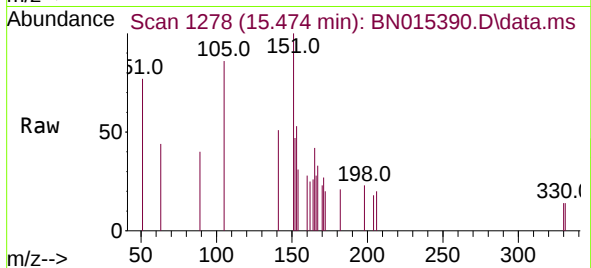




#20
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

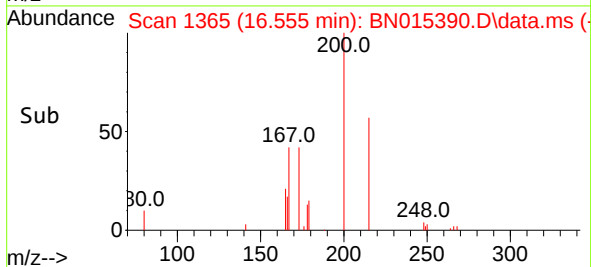
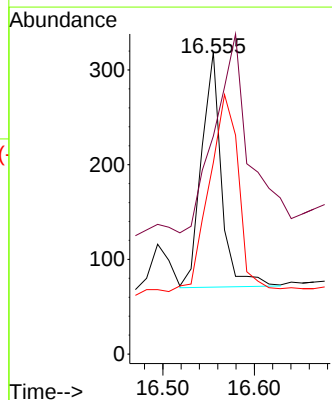
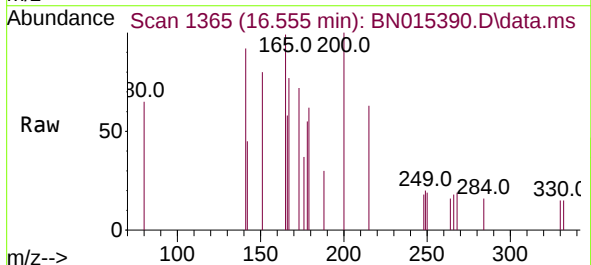
Instrument :
BNA_N
ClientSampled :

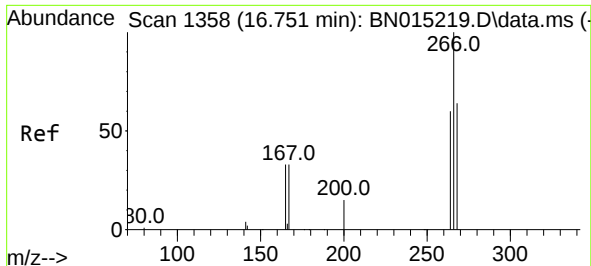
Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
182 92.2 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.18 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:200 Resp: 375
Ion Ratio Lower Upper
200 100
173 72.1 21.7 32.5#
215 63.3 43.1 64.7

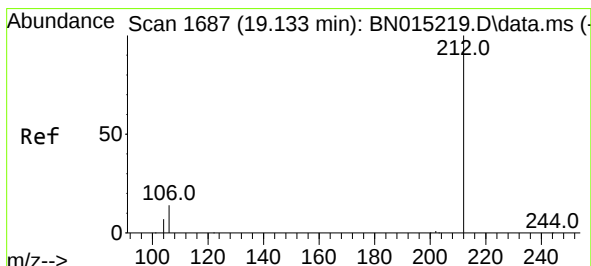
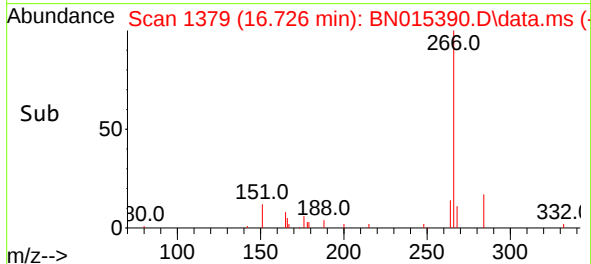
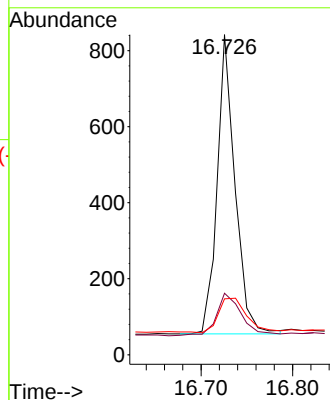
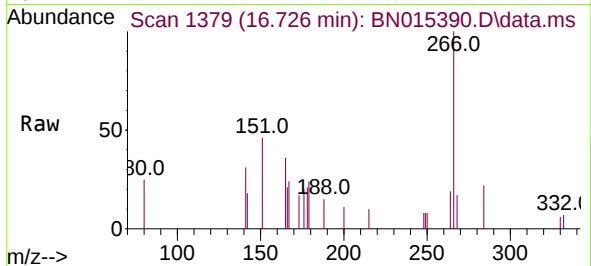




#24
 Pentachlorophenol
 Concen: 0.33 ng
 RT: 16.726 min Scan# 1379
 Delta R.T. -0.012 min
 Lab File: BN015390.D
 Acq: 08 Jul 2021 02:56

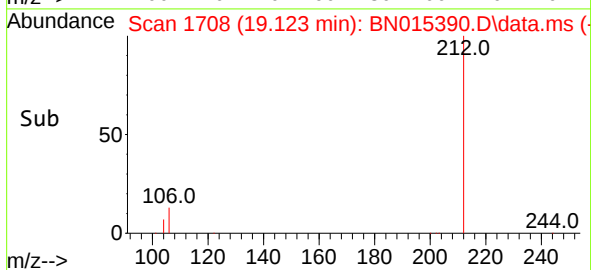
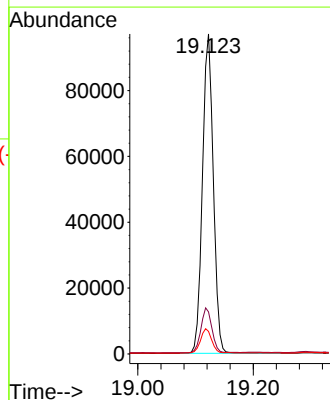
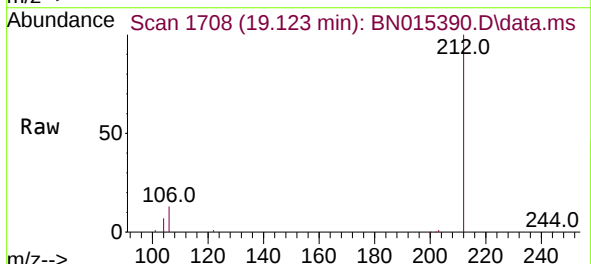
Instrument :
 BNA_N
 ClientSampleId :

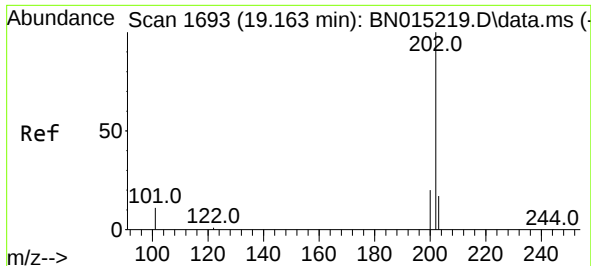
Tgt Ion:	266	Resp:	1067
Ion Ratio	Lower	Upper	
266	100		
264	20.1	51.0	76.4#
268	17.4	50.6	76.0#



#27
 Fluoranthene-d10
 Concen: 0.43 ng
 RT: 19.123 min Scan# 1708
 Delta R.T. 0.000 min
 Lab File: BN015390.D
 Acq: 08 Jul 2021 02:56

Tgt Ion:	212	Resp:	126724
Ion Ratio	Lower	Upper	
212	100		
106	14.3	7.0	10.6#
104	8.0	4.1	6.1#

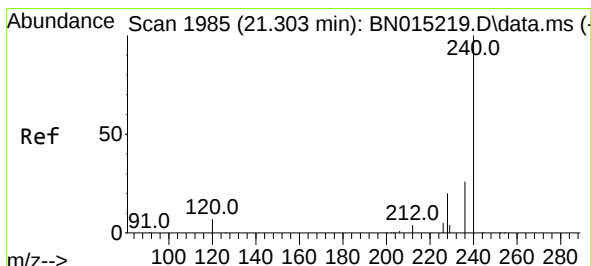
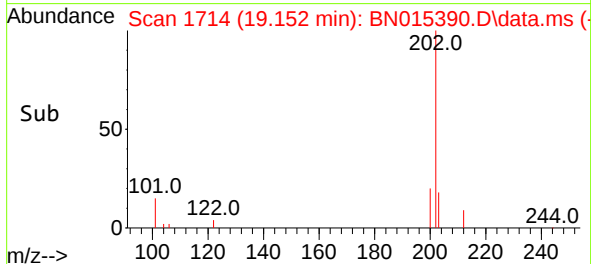
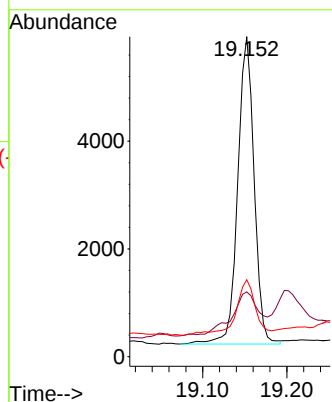
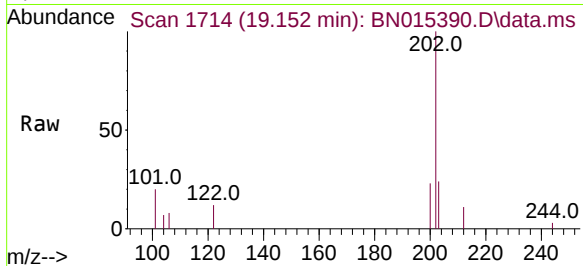




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.152 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

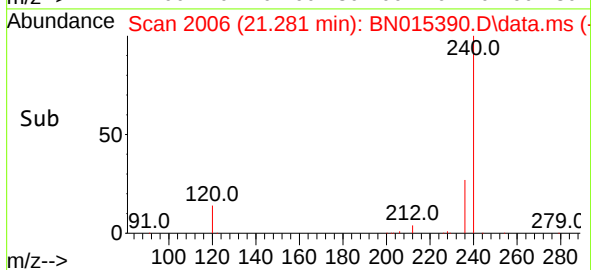
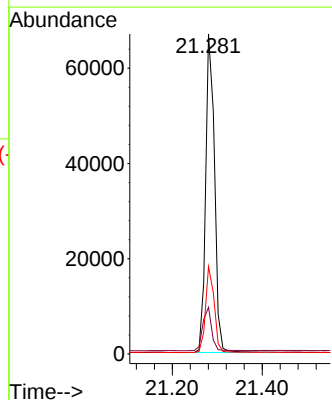
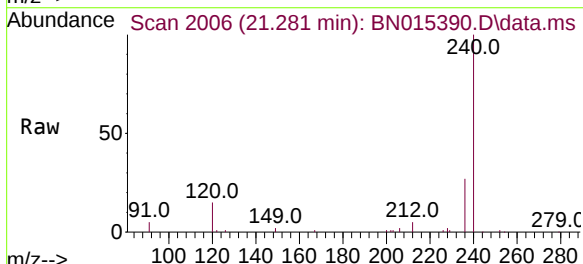
Instrument :
BNA_N
ClientSampleId :

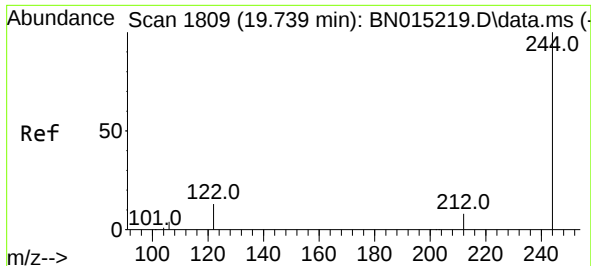
Tgt Ion:202 Resp: 7746
Ion Ratio Lower Upper
202 100
101 22.6 6.6 10.0#
203 21.9 13.9 20.9#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:240 Resp: 91455
Ion Ratio Lower Upper
240 100
120 14.6 4.2 6.4#
236 27.3 21.4 32.2

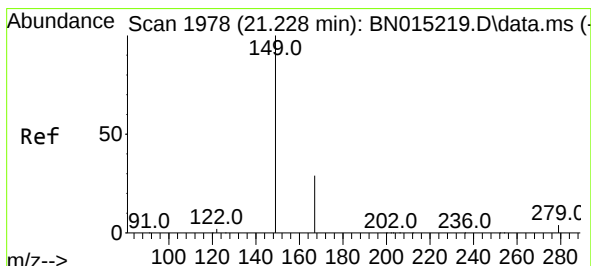
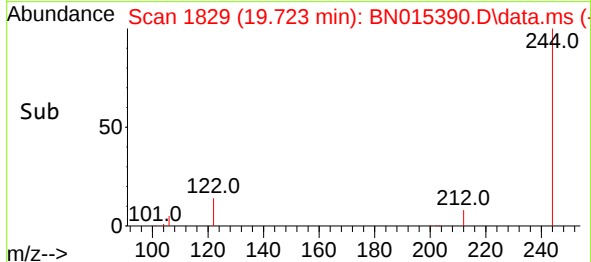
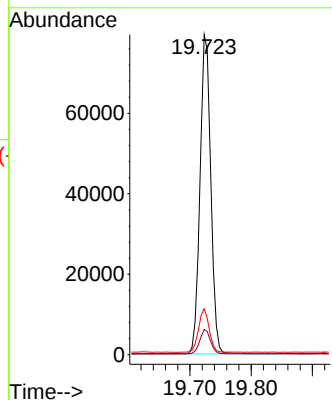
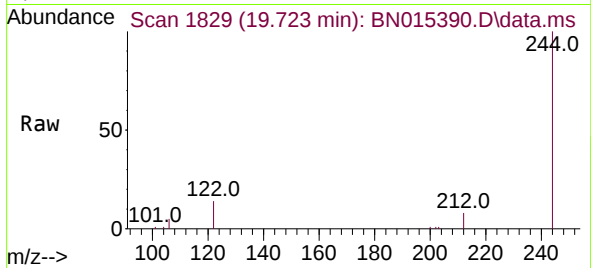




#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

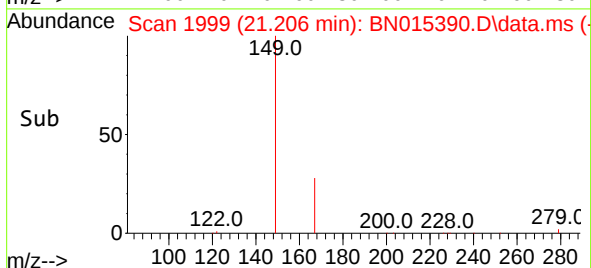
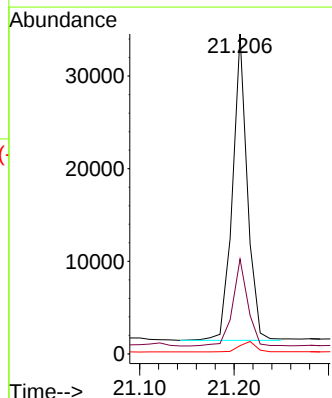
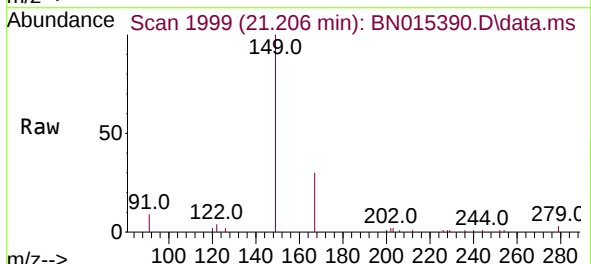
Instrument :
BNA_N
ClientSampleId :

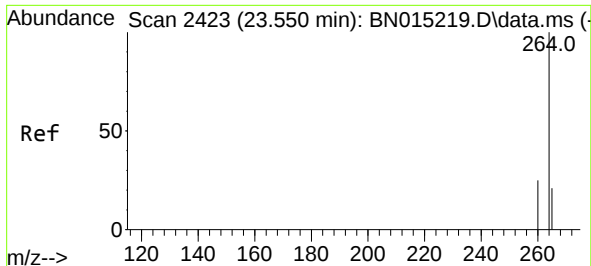
Tgt Ion:244 Resp: 96923
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 14.4 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.47 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

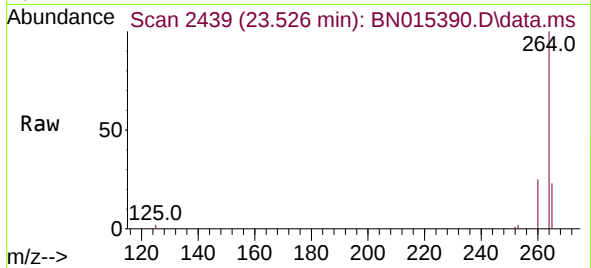
Tgt Ion:149 Resp: 36090
Ion Ratio Lower Upper
149 100
167 28.8 28.9 43.3#
279 3.8 4.9 7.3#



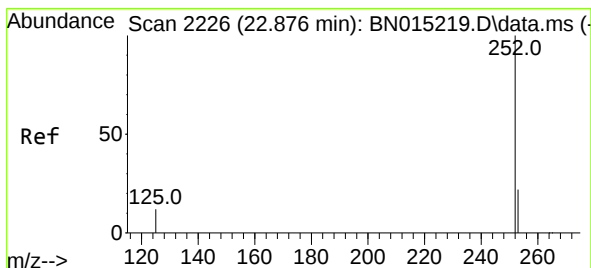
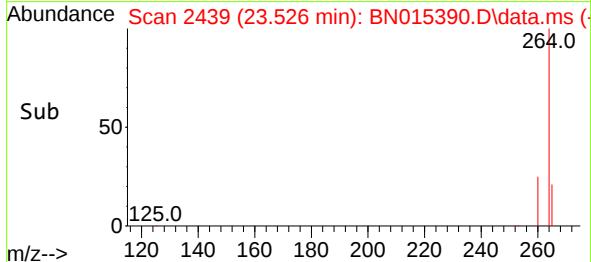
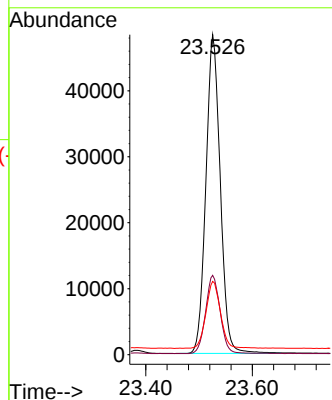


#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.526 min Scan# 2439
 Delta R.T. -0.003 min
 Lab File: BN015390.D
 Acq: 08 Jul 2021 02:56

Instrument :
 BNA_N
 ClientSampled :

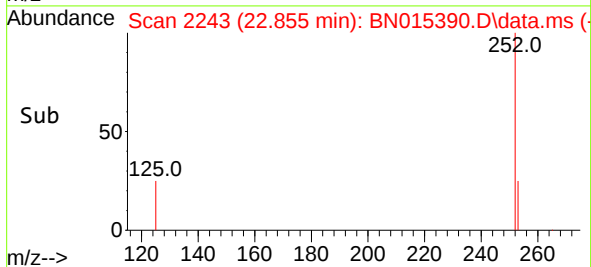
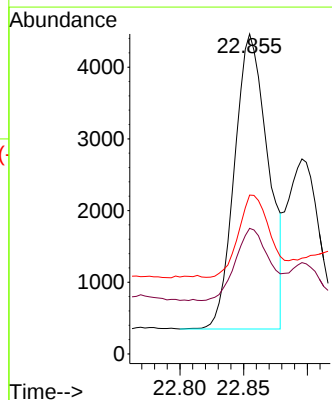
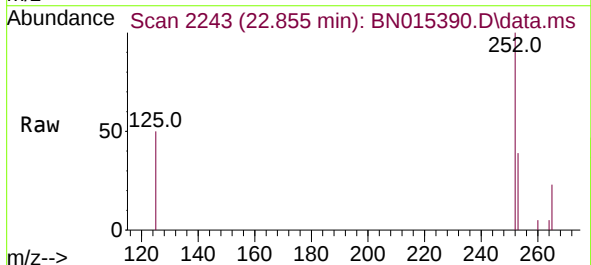


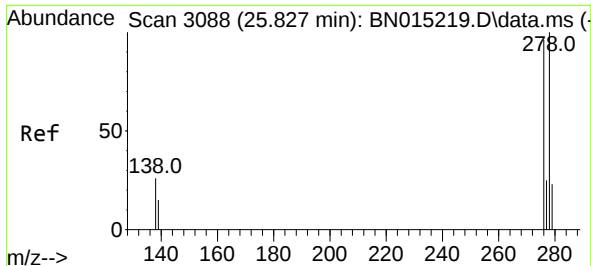
Tgt Ion:264 Resp: 90761
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 22.9 21.4 32.2



#37
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.855 min Scan# 2243
 Delta R.T. 0.000 min
 Lab File: BN015390.D
 Acq: 08 Jul 2021 02:56

Tgt Ion:252 Resp: 7537
 Ion Ratio Lower Upper
 252 100
 253 39.2 18.5 27.7#
 125 49.7 5.8 8.6#

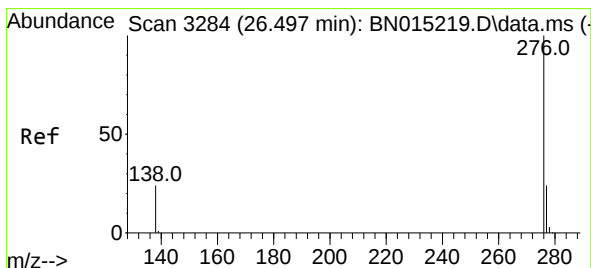
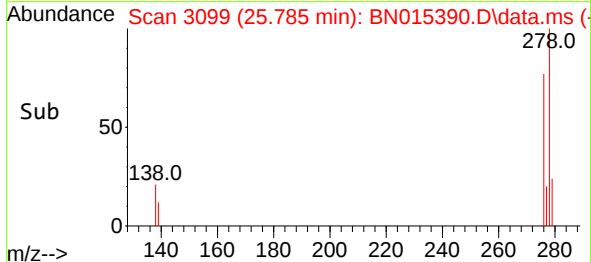
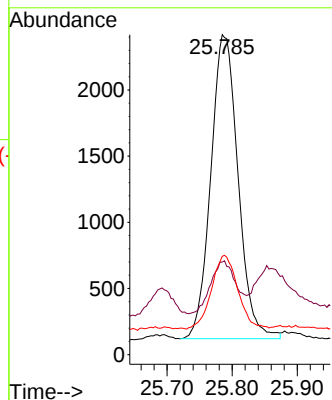
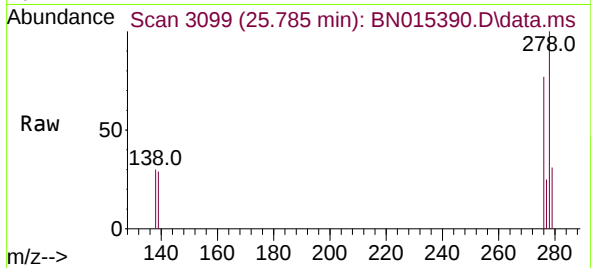




#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 6696
Ion Ratio Lower Upper
278 100
139 28.9 9.0 13.4#
279 30.7 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.459 min Scan# 3296
Delta R.T. -0.003 min
Lab File: BN015390.D
Acq: 08 Jul 2021 02:56

Tgt Ion:276 Resp: 6648
Ion Ratio Lower Upper
276 100
277 27.9 19.7 29.5
138 30.5 9.8 14.6#

