

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015311.D
 Acq On : 03 Jul 2021 00:10
 Operator : CG/JU
 Sample : M2803-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621

Quant Time: Jul 03 00:54:01 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)

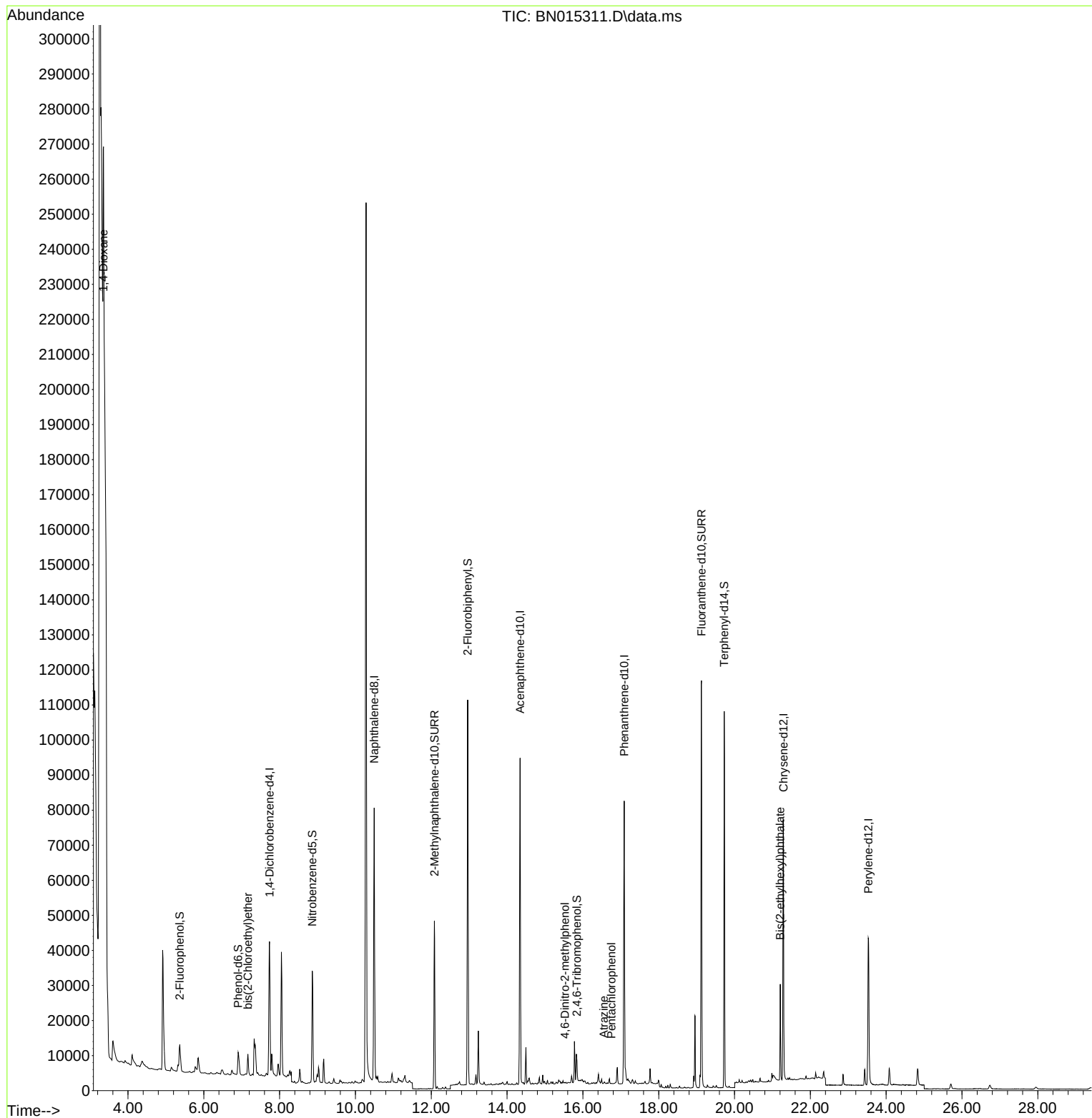
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	22655	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	102759	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	56655	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	110040	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	80002	0.40	ng	-0.01
35) Perylene-d12	23.529	264	62201	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	9629	0.17	ng	0.00
5) Phenol-d6	6.905	99	6561	0.09	ng	0.00
8) Nitrobenzene-d5	8.861	82	28230	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	62904	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	7002	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	89908	0.39	ng	0.00
27) Fluoranthene-d10	19.127	212	134011	0.41	ng	0.00
31) Terphenyl-d14	19.728	244	103277	0.55	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	139064	13.09	ng	# 68
6) bis(2-Chloroethyl)ether	7.163	93	5289	0.07	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.525	198	9	0.20	ng	# 1
23) Atrazine	16.555	200	55	0.17	ng	# 3
24) Pentachlorophenol	16.750	266	59	0.25	ng	87
34) Bis(2-ethylhexyl)phtha...	21.206	149	22580	0.38	ng	# 87

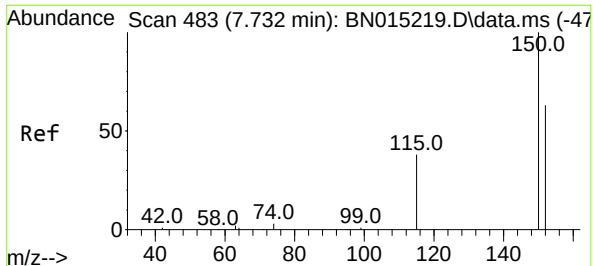
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
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Response via : Initial Calibration

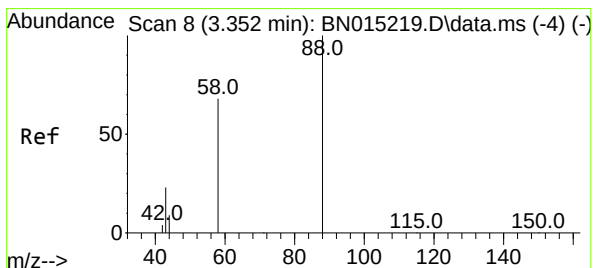
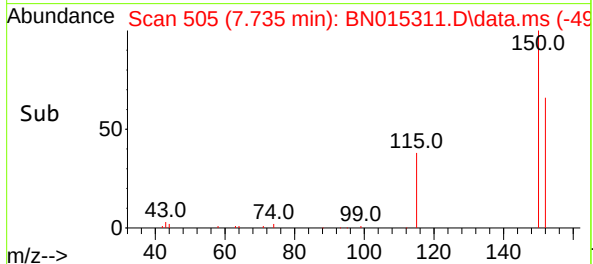
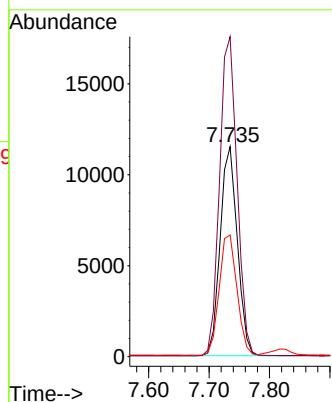
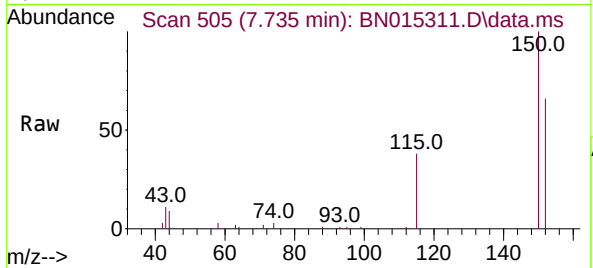




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015311.D
 Acq: 03 Jul 2021 00:10

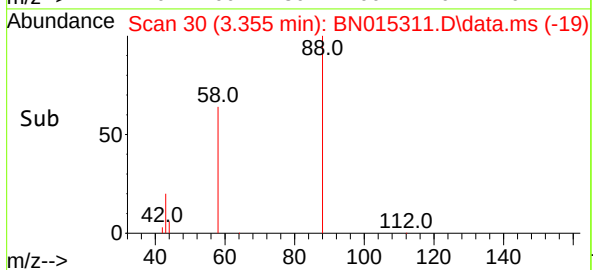
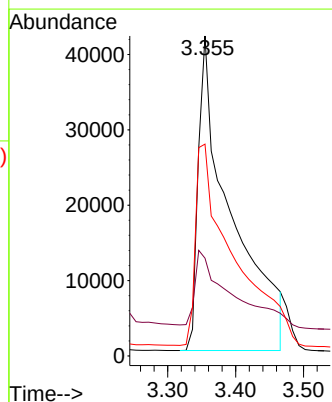
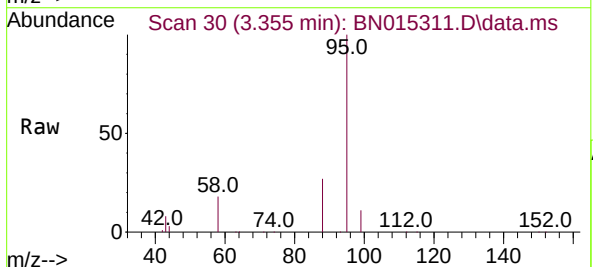
Instrument :
 BNA_N
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 TT101D1-20210621

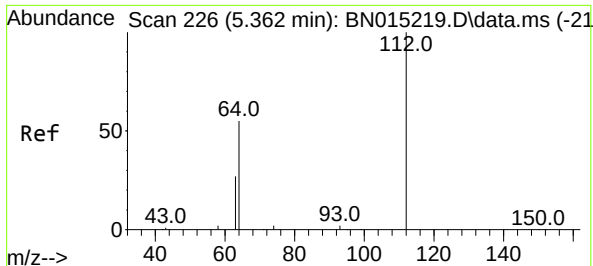
Tgt Ion:152 Resp: 22655
 Ion Ratio Lower Upper
 152 100
 150 152.3 119.0 178.6
 115 58.0 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 13.09 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015311.D
 Acq: 03 Jul 2021 00:10

Tgt Ion: 88 Resp: 139064
 Ion Ratio Lower Upper
 88 100
 43 24.5 12.9 19.3#
 58 71.8 38.1 57.1#

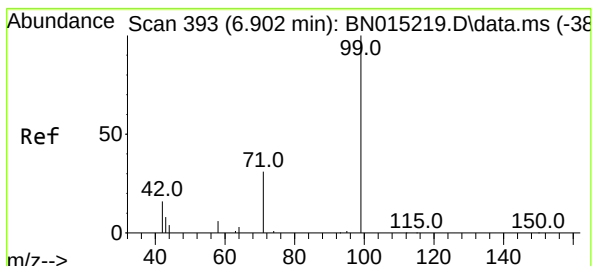
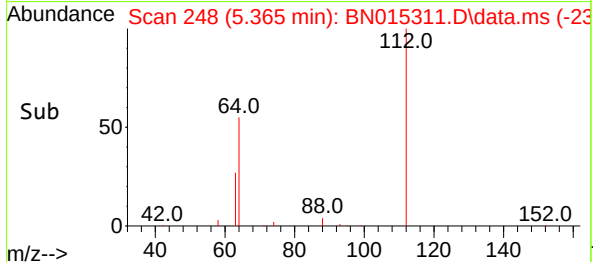
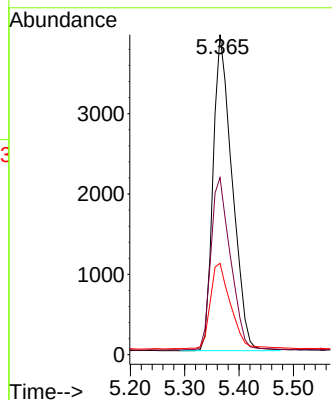
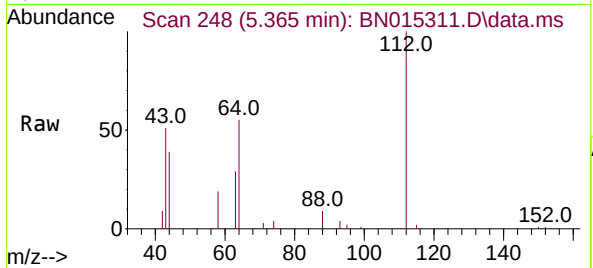




#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

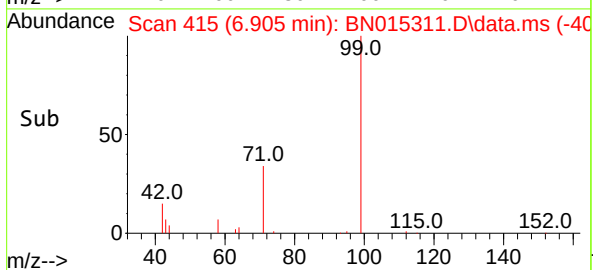
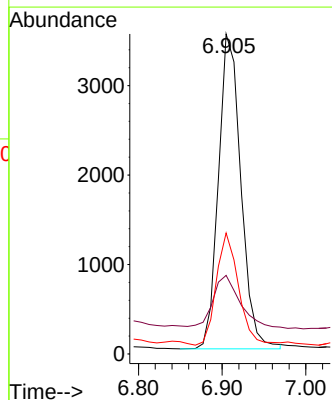
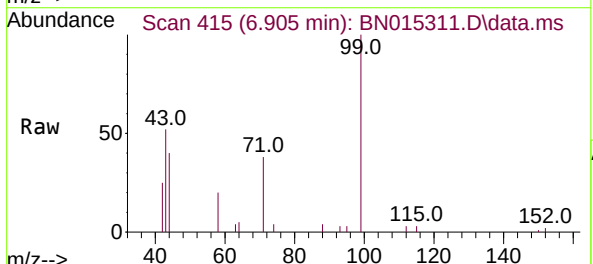
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BNA_N
ClientSampleId :
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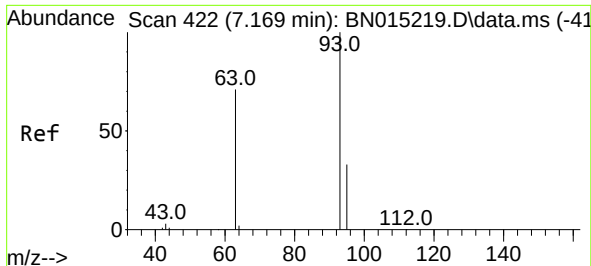
Tgt Ion: 112 Resp: 9629
Ion Ratio Lower Upper
112 100
64 55.8 39.0 58.6
63 28.5 20.6 30.8



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion: 99 Resp: 6561
Ion Ratio Lower Upper
99 100
42 19.1 8.9 13.3#
71 35.5 35.6 53.4#

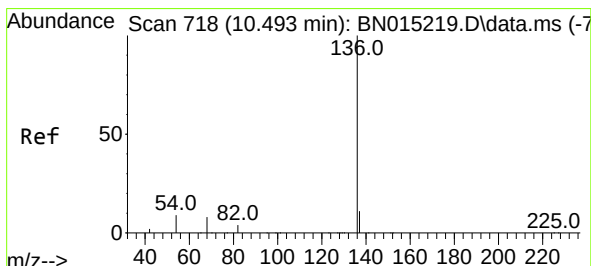
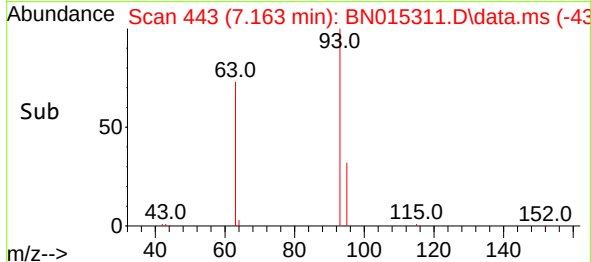
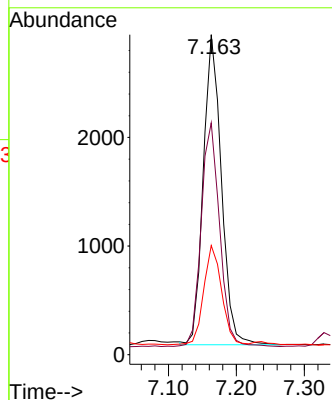
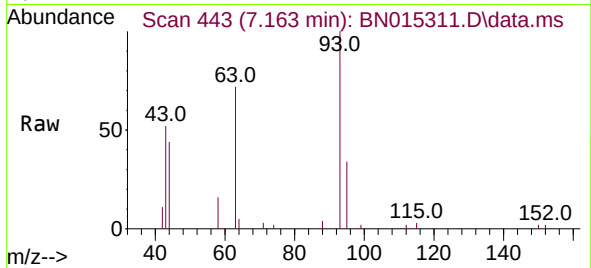




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

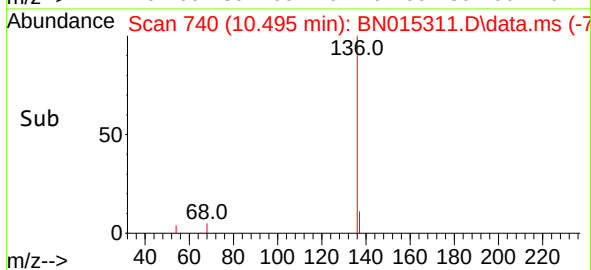
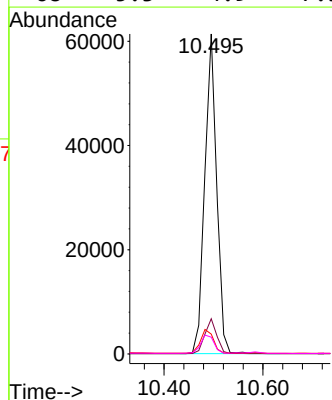
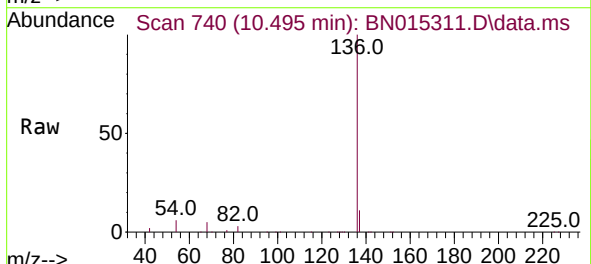
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

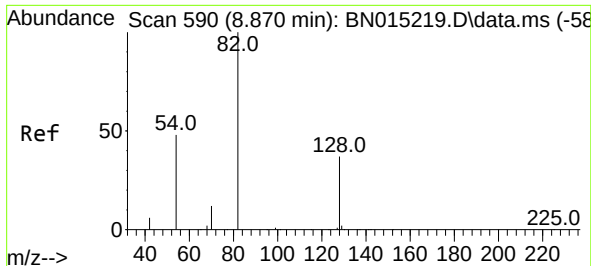
Tgt Ion: 93 Resp: 5289
Ion Ratio Lower Upper
93 100
63 73.8 46.6 70.0#
95 31.7 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion: 136 Resp: 102759
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 6.2 5.4 8.2
68 5.3 4.9 7.3

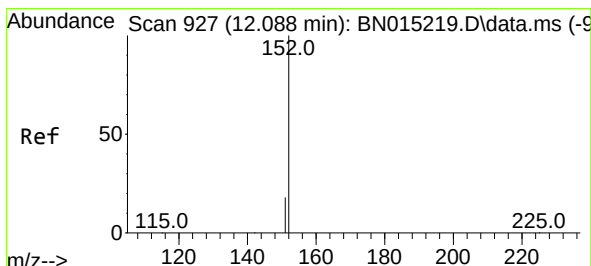
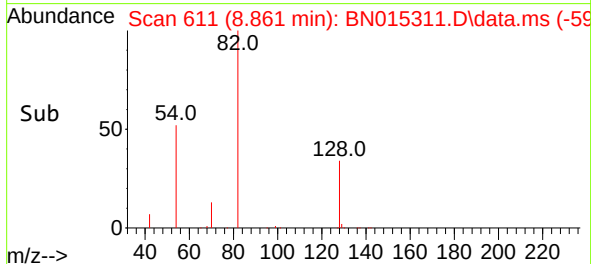
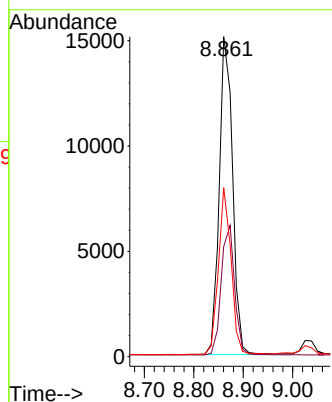
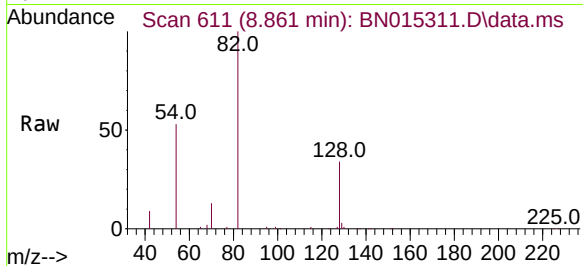




#8
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.861 min Scan# 611
Delta R.T. -0.009 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

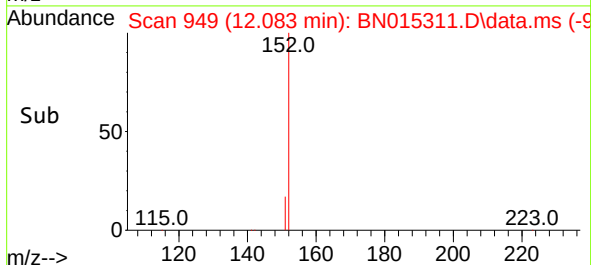
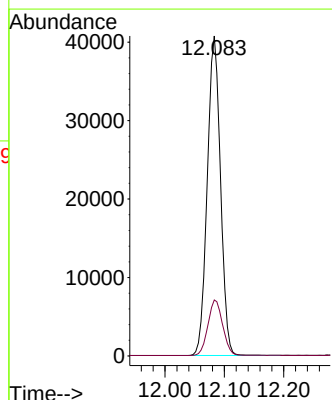
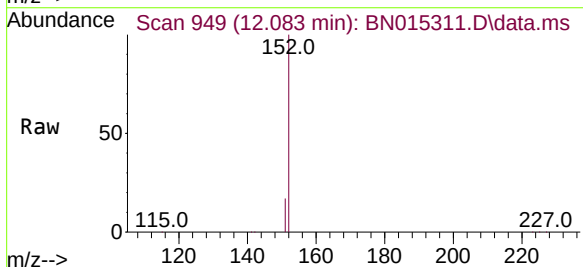
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

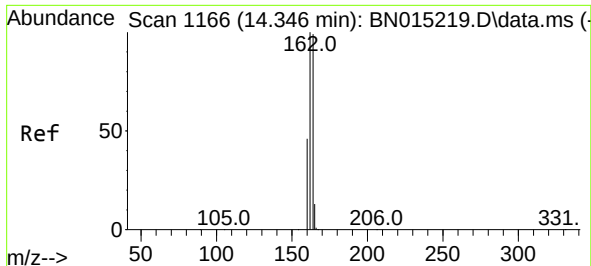
Tgt Ion: 82 Resp: 28230
Ion Ratio Lower Upper
82 100
128 34.5 31.6 47.4
54 52.8 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion: 152 Resp: 62904
Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1

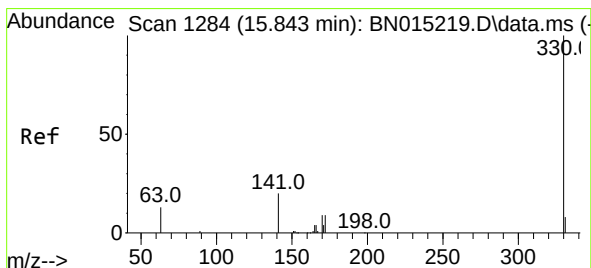
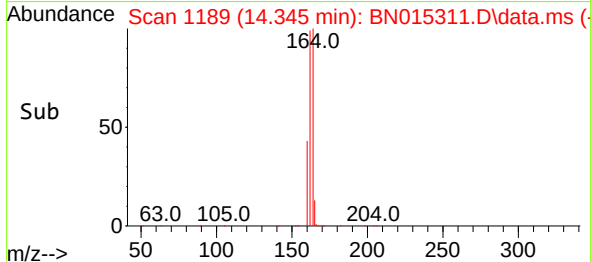
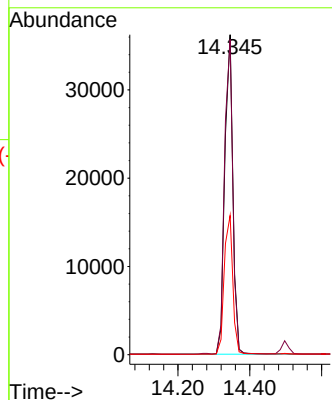
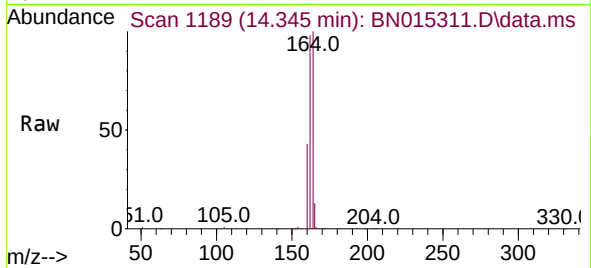




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

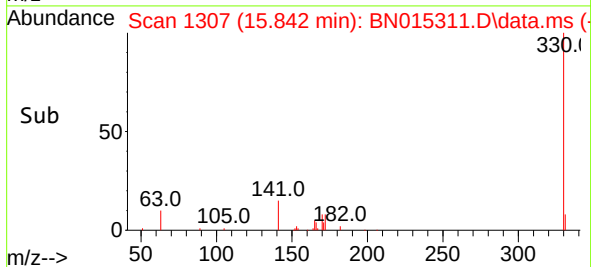
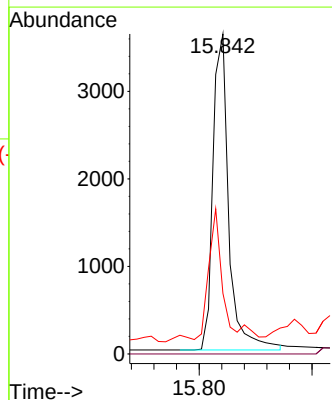
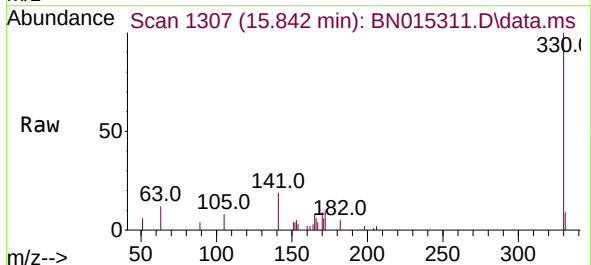
Instrument :
BNA_N
ClientSampleId :
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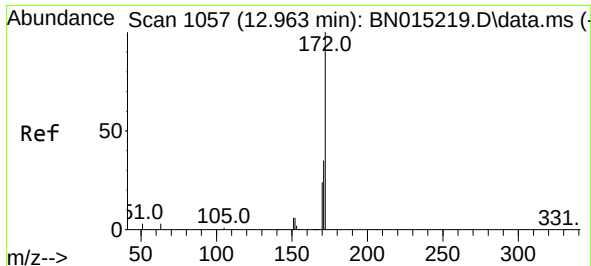
Tgt Ion:164 Resp: 56655
Ion Ratio Lower Upper
164 100
162 98.5 83.8 125.6
160 43.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion:330 Resp: 7002
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 22.4 33.6#

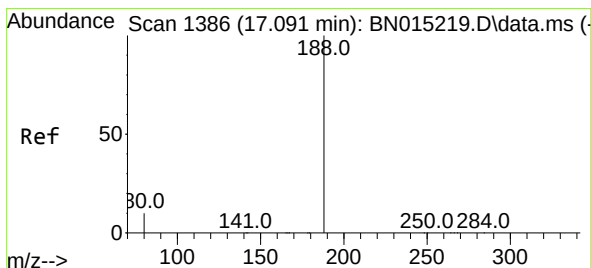
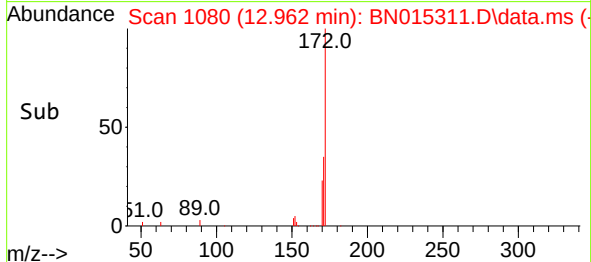
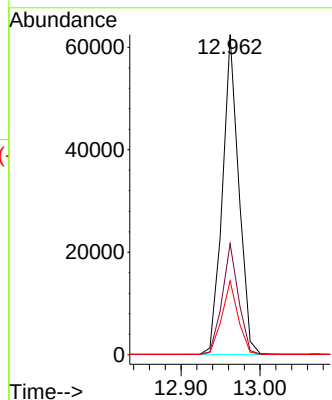
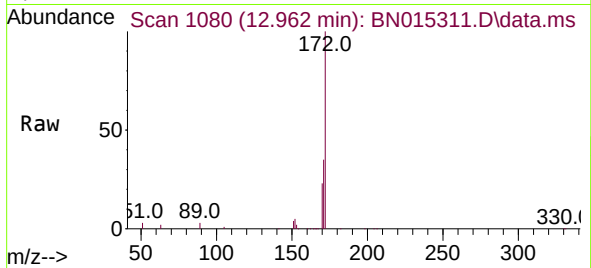




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

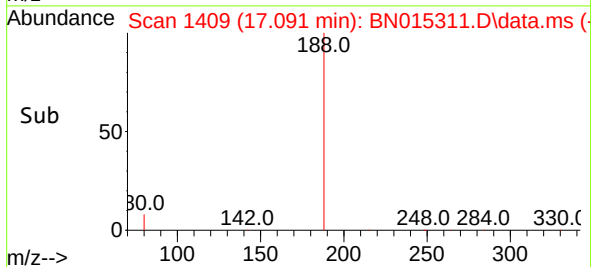
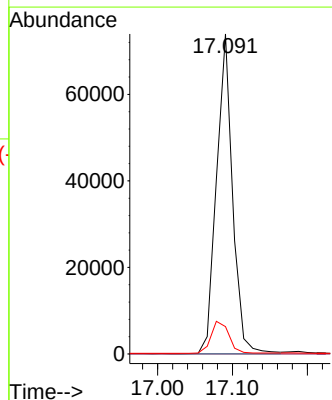
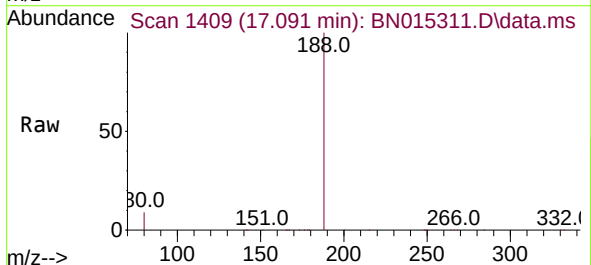
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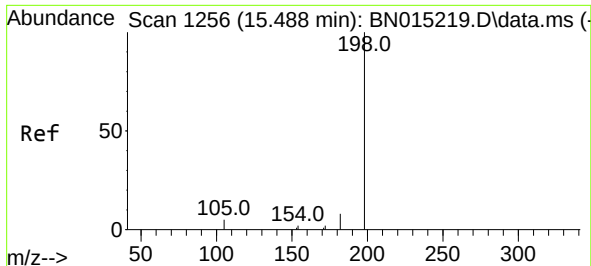
Tgt Ion:172 Resp: 89908
Ion Ratio Lower Upper
172 100
171 34.7 30.6 45.8
170 23.1 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion:188 Resp: 110040
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 9.0 13.4#

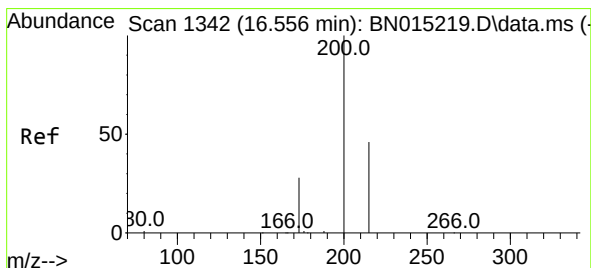
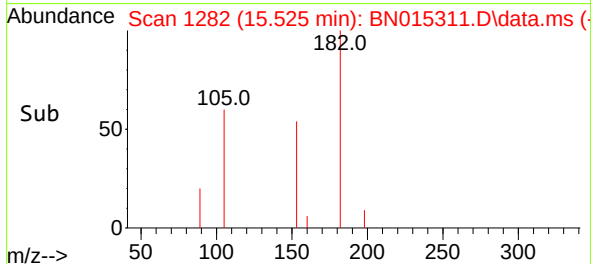
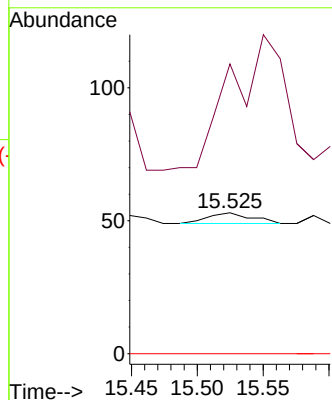
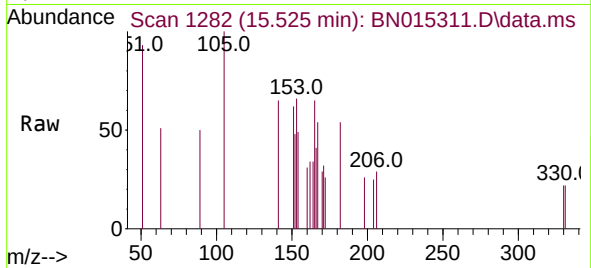




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.525 min Scan# 1282
Delta R.T. 0.037 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

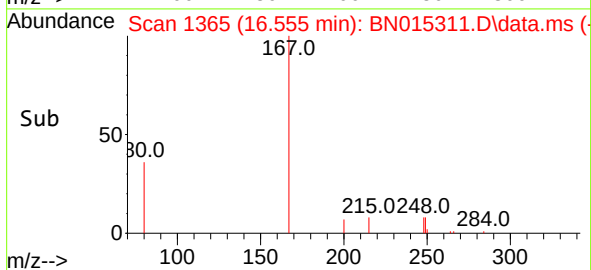
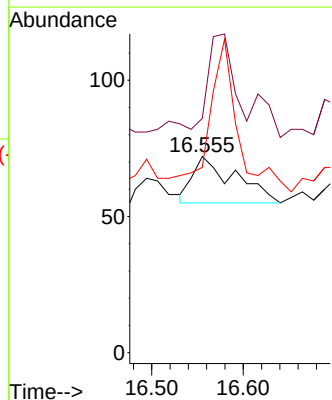
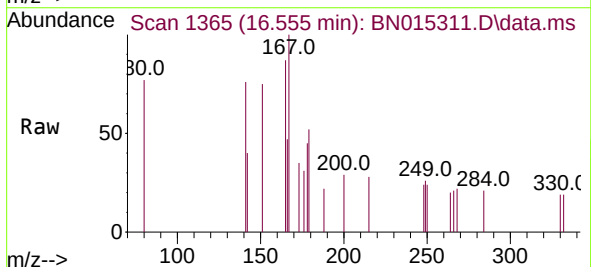
Instrument :
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TT101D1-20210621

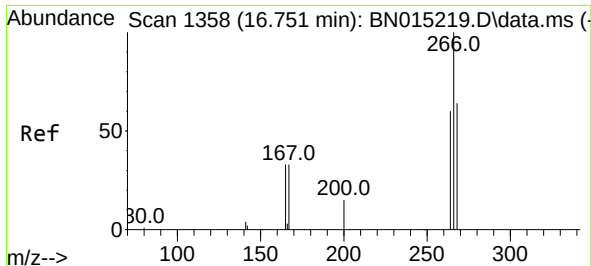
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 205.7 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion:200 Resp: 55
Ion Ratio Lower Upper
200 100
173 119.4 21.7 32.5#
215 94.4 43.1 64.7#

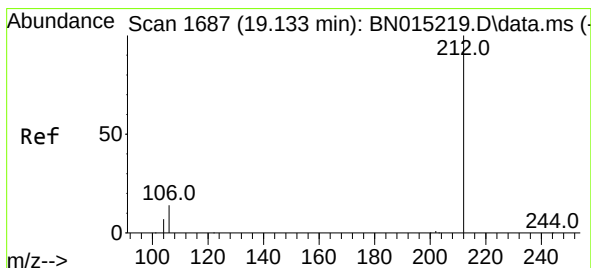
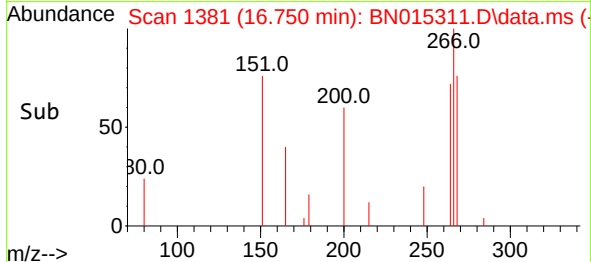
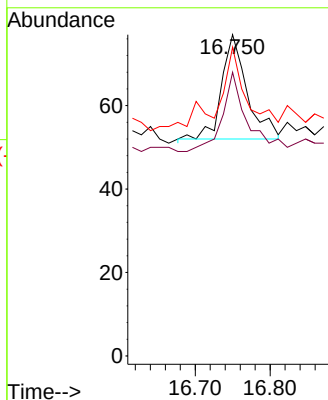
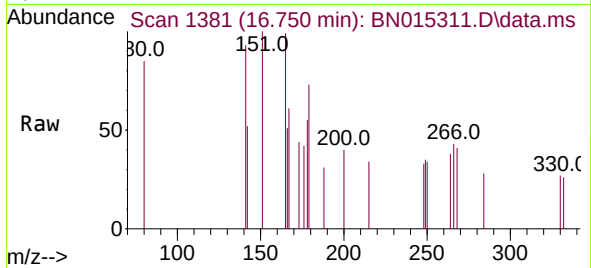




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

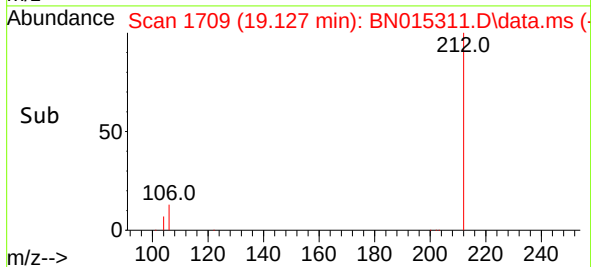
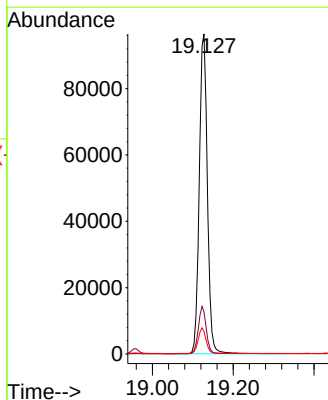
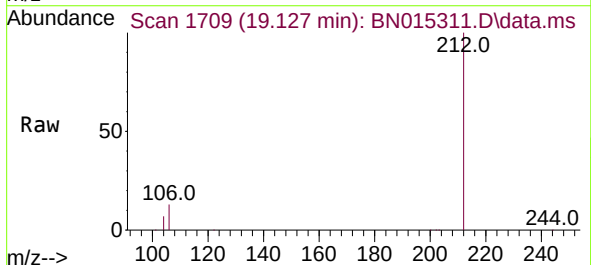
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

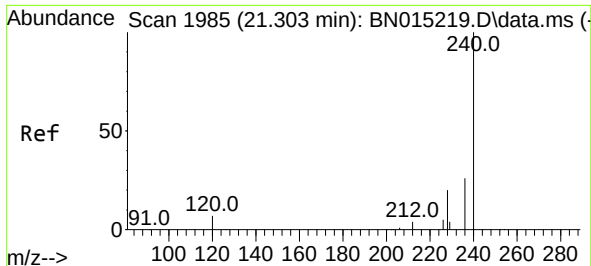
Tgt Ion:	266	Resp:	59
Ion Ratio	Lower	Upper	
266	100		
264	74.6	51.0	76.4
268	72.9	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion:	212	Resp:	134011
Ion Ratio	Lower	Upper	
212	100		
106	14.4	7.0	10.6#
104	7.9	4.1	6.1#

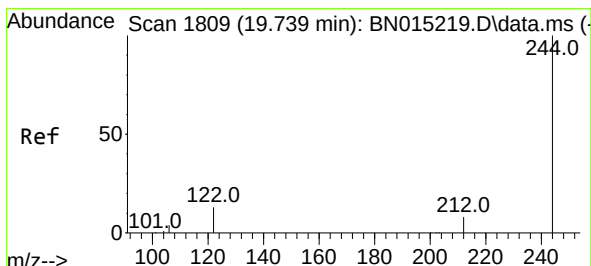
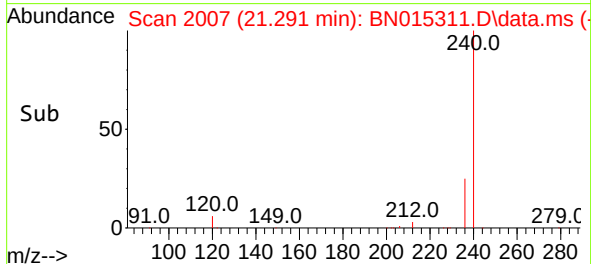
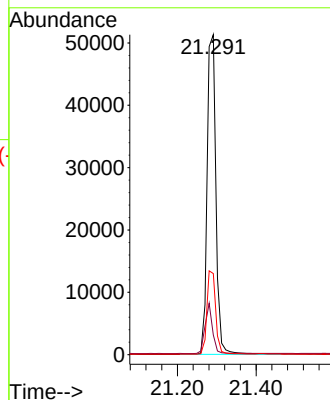
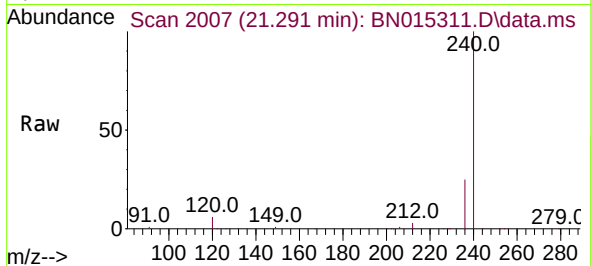




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

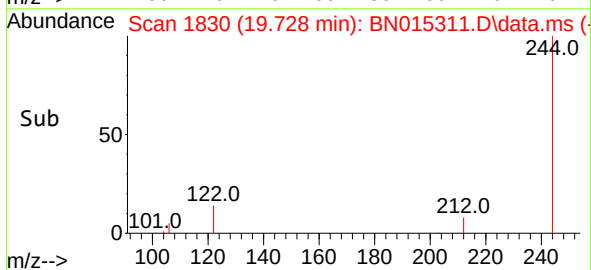
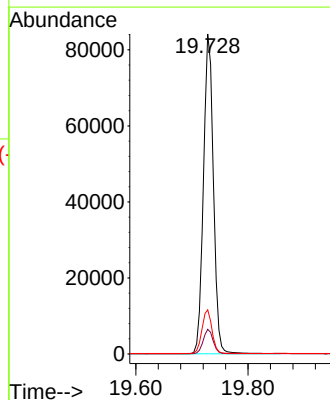
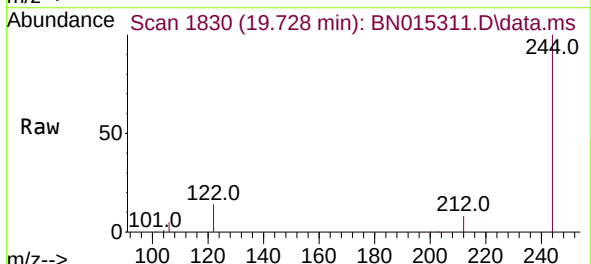
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

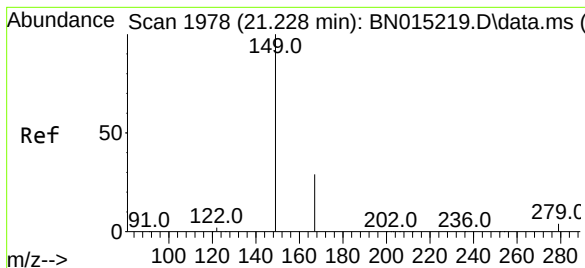
Tgt Ion:240 Resp: 80002
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.4
236 25.4 21.4 32.2



#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015311.D
Acq: 03 Jul 2021 00:10

Tgt Ion:244 Resp: 103277
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.8 6.2 9.2#

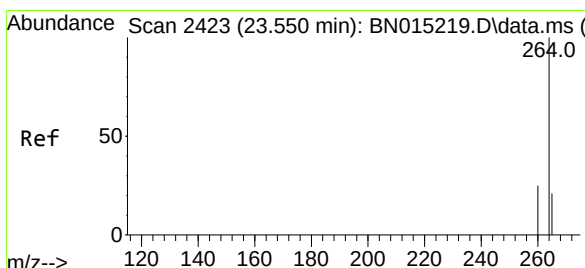
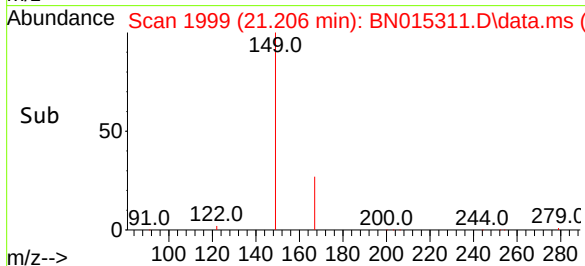
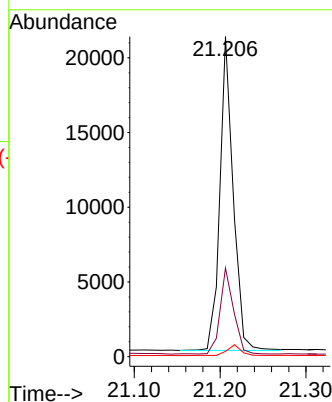
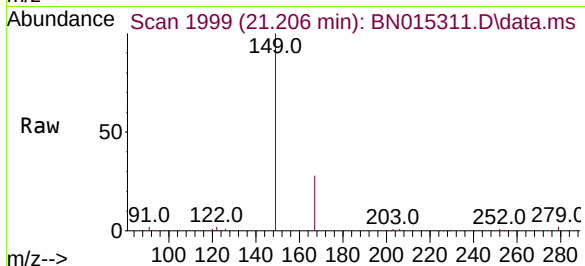




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.022 min
 Lab File: BN015311.D
 Acq: 03 Jul 2021 00:10

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621

Tgt Ion:149 Resp: 22580
 Ion Ratio Lower Upper
 149 100
 167 27.9 28.9 43.3#
 279 3.5 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.529 min Scan# 2440
 Delta R.T. -0.021 min
 Lab File: BN015311.D
 Acq: 03 Jul 2021 00:10

Tgt Ion:264 Resp: 62201
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 31.0
 265 23.0 21.4 32.2

