

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015369.D
 Acq On : 07 Jul 2021 12:16
 Operator : CG/JU
 Sample : M2803-22 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621

Quant Time: Jul 07 12:48:14 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)

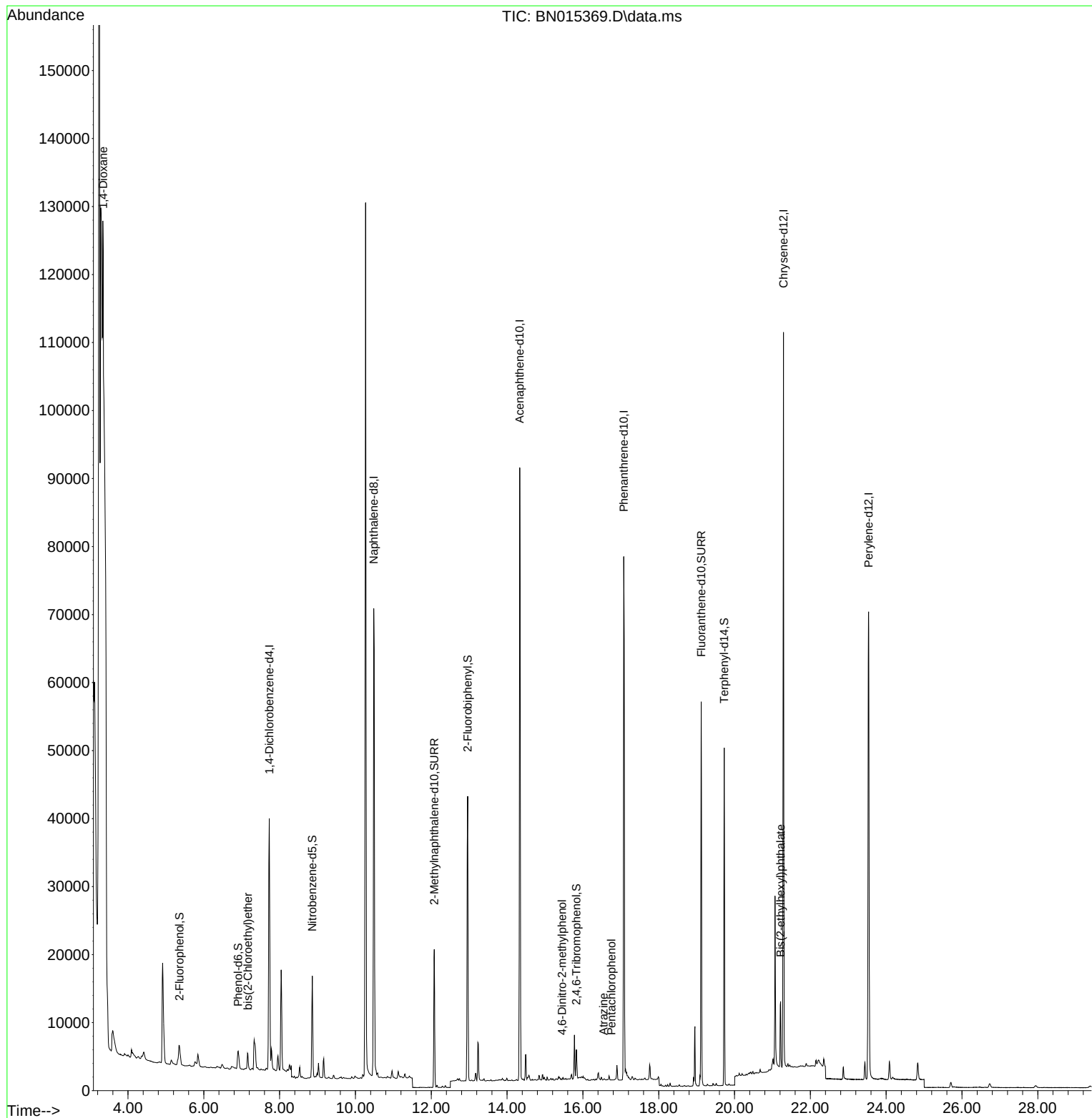
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	22191	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	101133	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	55471	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	110077	0.400	ng	0.00
29) Chrysene-d12	21.291	240	98486	0.400	ng	# 0.00
35) Perylene-d12	23.536	264	91417	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	4187	0.074	ng	0.02
5) Phenol-d6	6.905	99	2806	0.039	ng	0.00
8) Nitrobenzene-d5	8.860	82	12799	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	27474	0.164	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	3300	0.358	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	39497	0.175	ng	0.00
27) Fluoranthene-d10	19.122	212	60842	0.187	ng	0.00
31) Terphenyl-d14	19.728	244	48609	0.211	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	26368	2.534	ng	# 45
6) bis(2-Chloroethyl)ether	7.163	93	2282	0.033	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.449	198	3	0.192	ng	# 1
23) Atrazine	16.543	200	7	0.173	ng	# 9
24) Pentachlorophenol	16.750	266	37	0.245	ng	93
34) Bis(2-ethylhexyl)phtha...	21.217	149	10129	0.232	ng	# 88

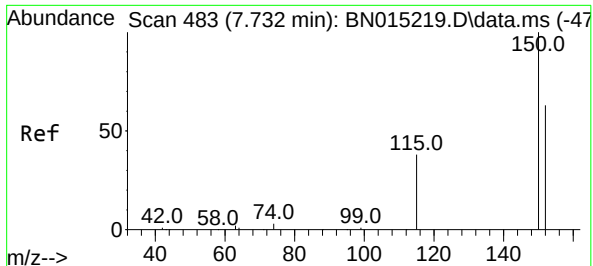
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 12:48:14 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

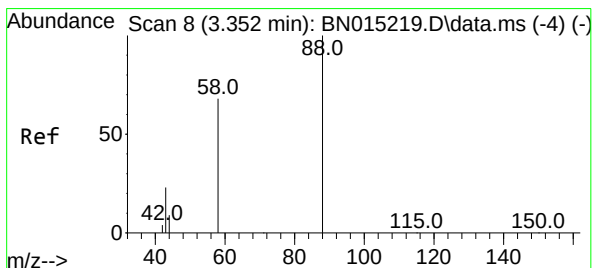
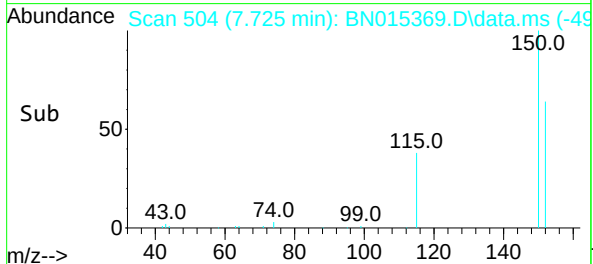
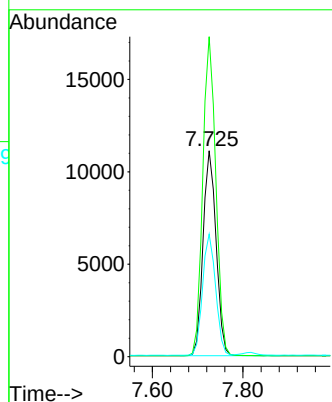
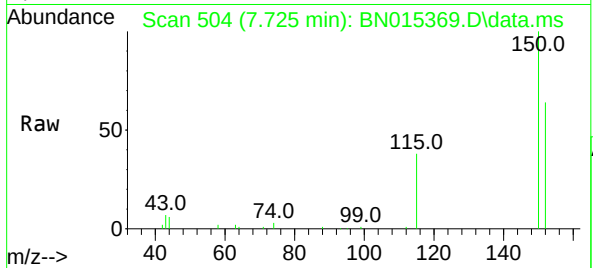




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015369.D
 Acq: 07 Jul 2021 12:16

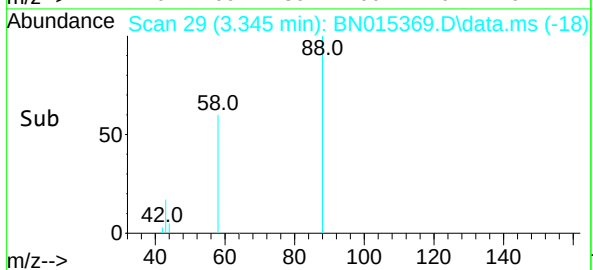
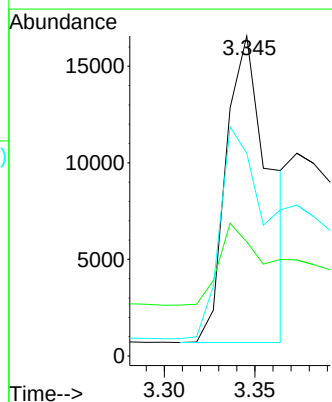
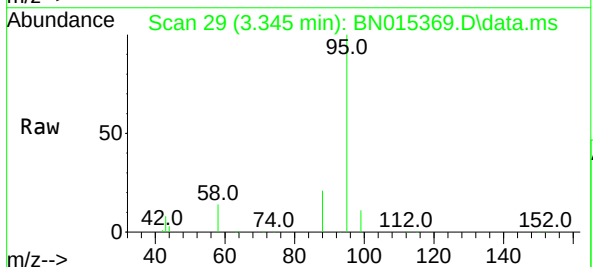
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621

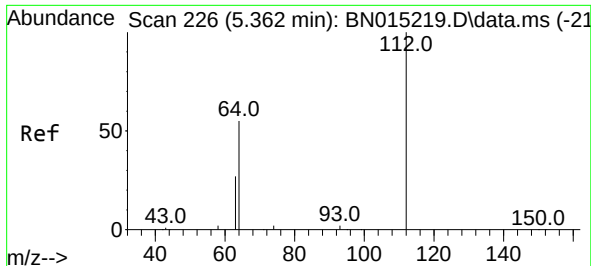
Tgt Ion: 152 Resp: 22191
 Ion Ratio Lower Upper
 152 100
 150 155.4 119.0 178.6
 115 59.6 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.534 ng
 RT: 3.345 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN015369.D
 Acq: 07 Jul 2021 12:16

Tgt Ion: 88 Resp: 26368
 Ion Ratio Lower Upper
 88 100
 43 56.9 12.9 19.3#
 58 75.4 38.1 57.1#

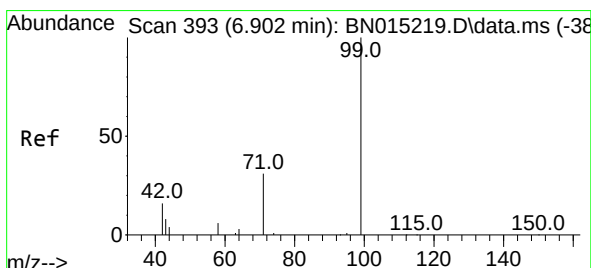
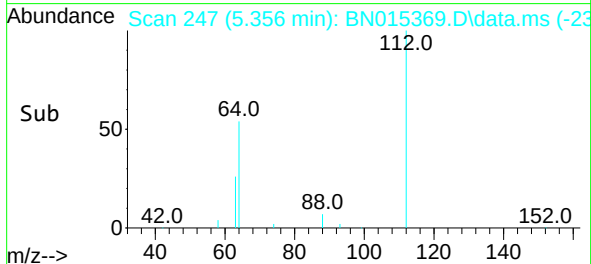
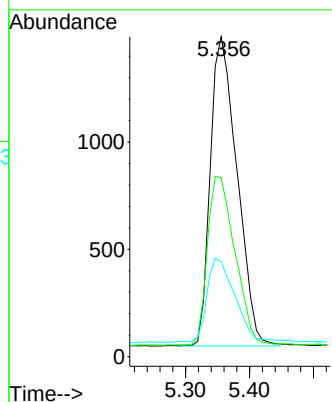
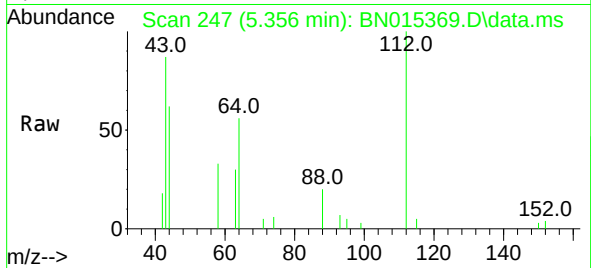




#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.356 min Scan# 247
Delta R.T. 0.018 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

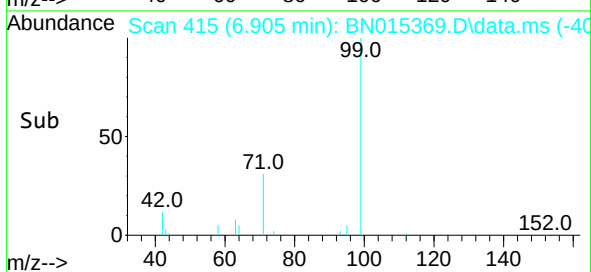
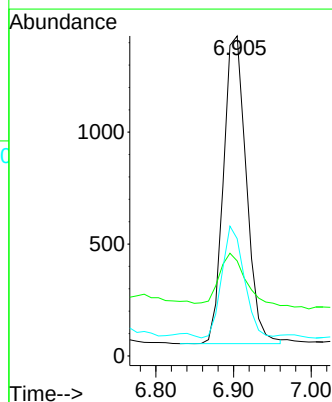
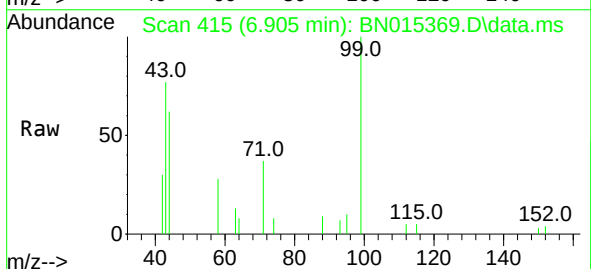
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

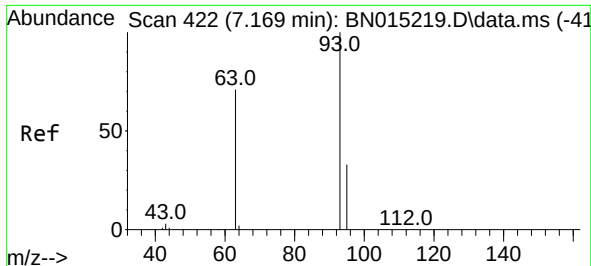
Tgt Ion:112 Resp: 4187
Ion Ratio Lower Upper
112 100
64 56.3 39.0 58.6
63 28.6 20.6 30.8



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.009 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion: 99 Resp: 2806
Ion Ratio Lower Upper
99 100
42 19.6 8.9 13.3#
71 35.6 35.6 53.4

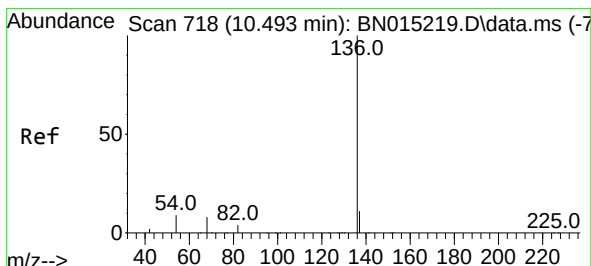
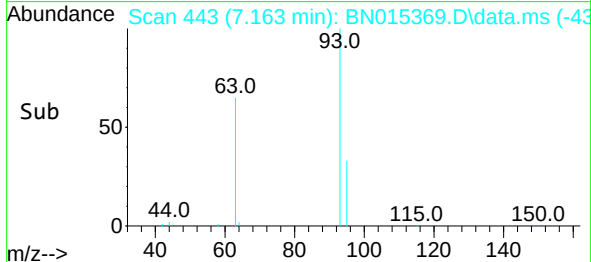
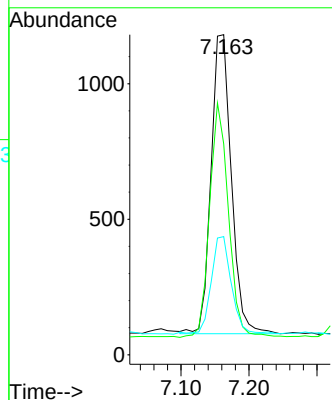
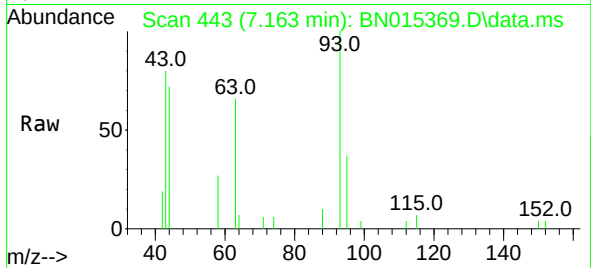




#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

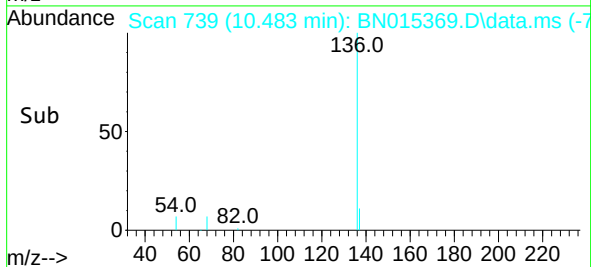
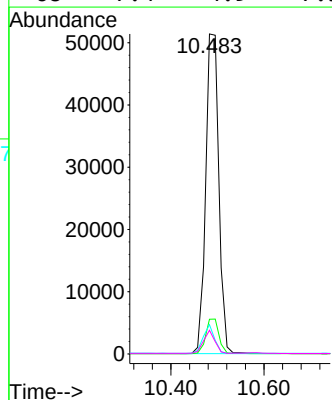
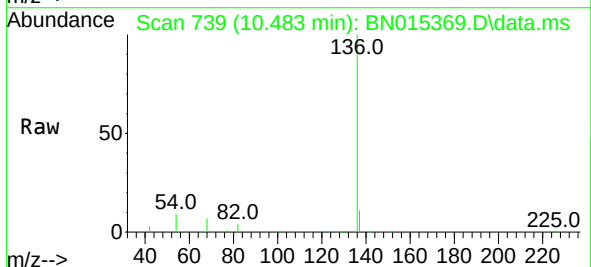
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

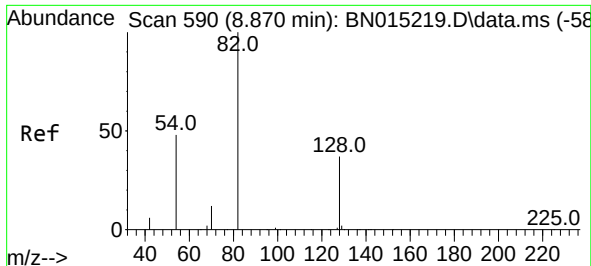
Tgt Ion: 93 Resp: 2282
Ion Ratio Lower Upper
93 100
63 73.4 46.6 70.0#
95 32.9 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion:136 Resp: 101133
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.8
54 9.1 5.4 8.2#
68 7.4 4.9 7.3#

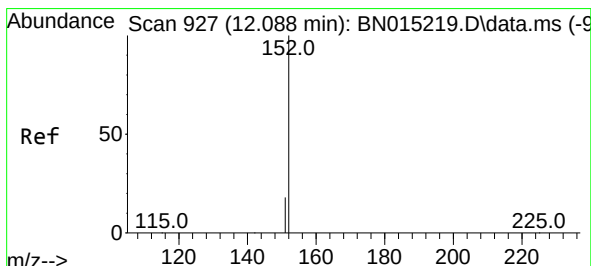
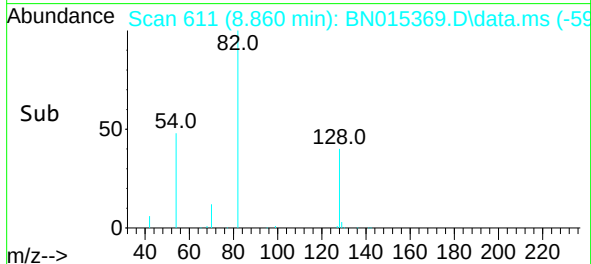
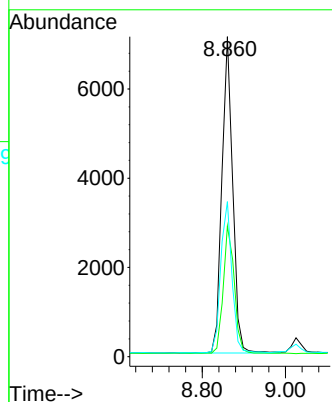
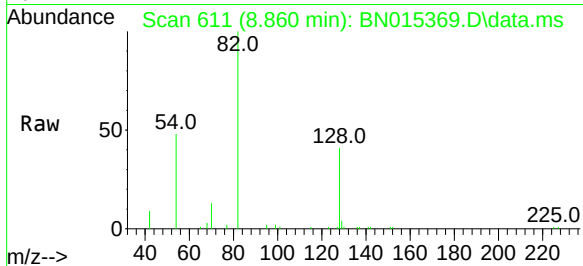




#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

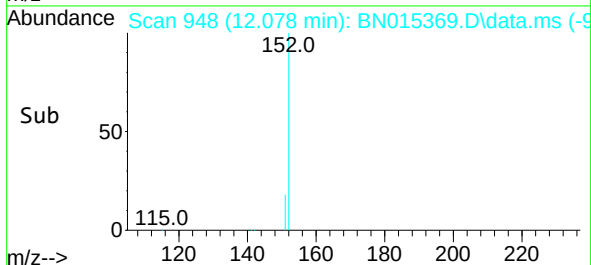
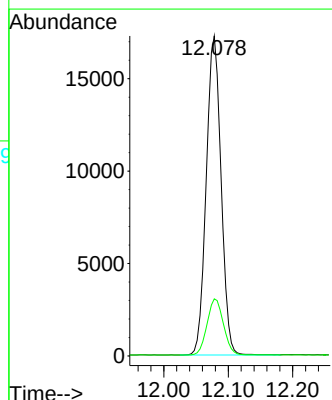
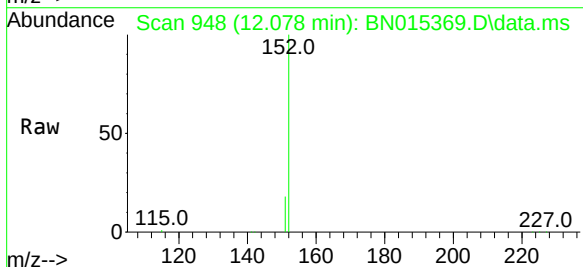
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

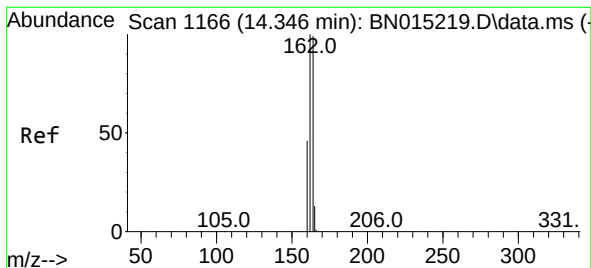
Tgt Ion: 82 Resp: 12799
Ion Ratio Lower Upper
82 100
128 40.9 31.6 47.4
54 48.4 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.164 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion: 152 Resp: 27474
Ion Ratio Lower Upper
152 100
151 19.4 16.7 25.1

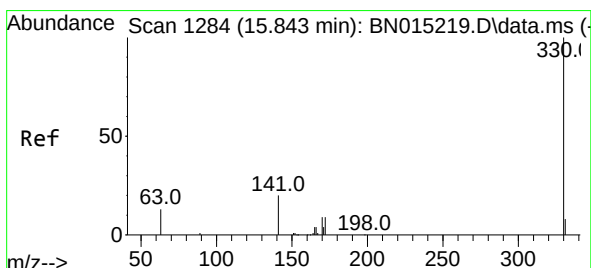
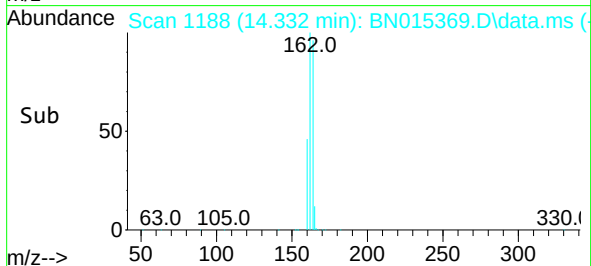
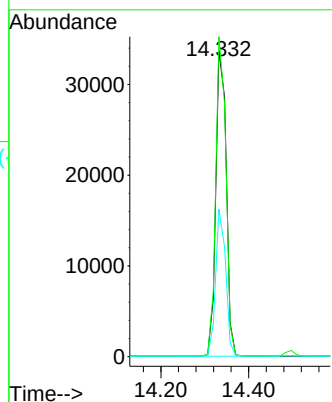
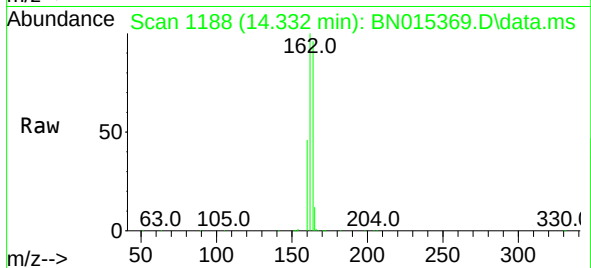




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

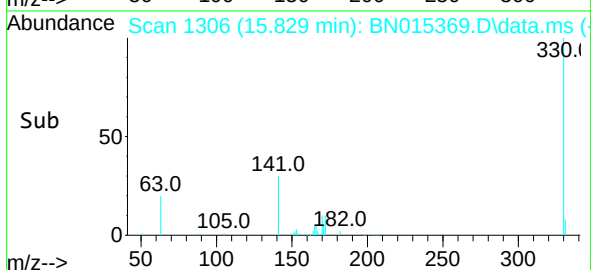
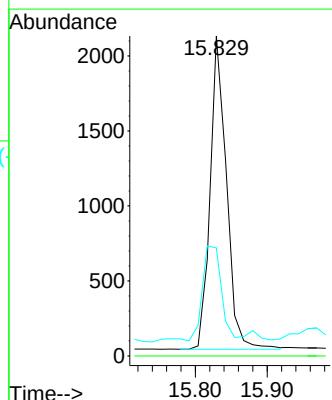
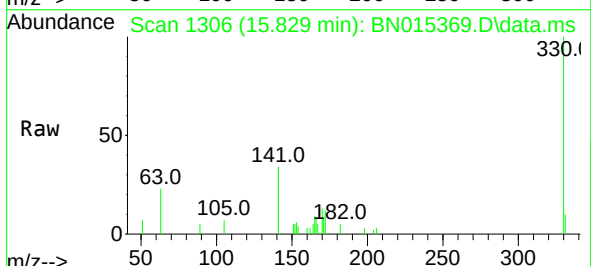
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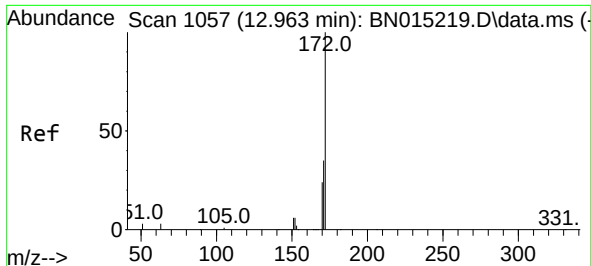
Tgt Ion:164 Resp: 55471
Ion Ratio Lower Upper
164 100
162 104.5 83.8 125.6
160 48.2 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion:330 Resp: 3300
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.8 22.4 33.6#

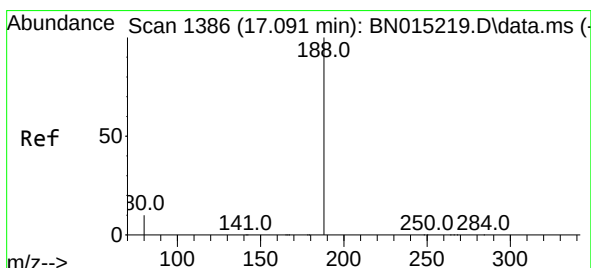
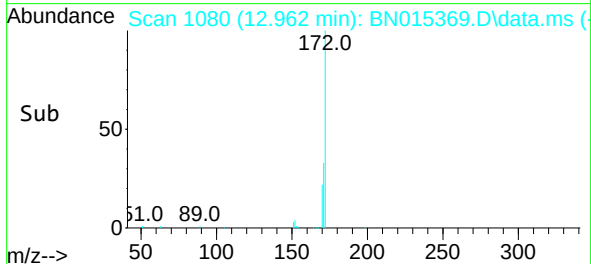
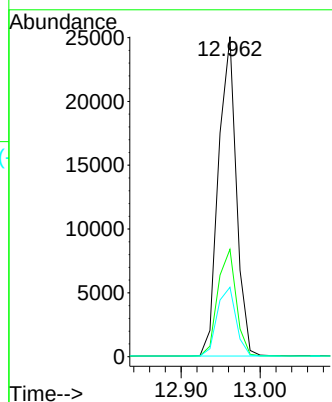
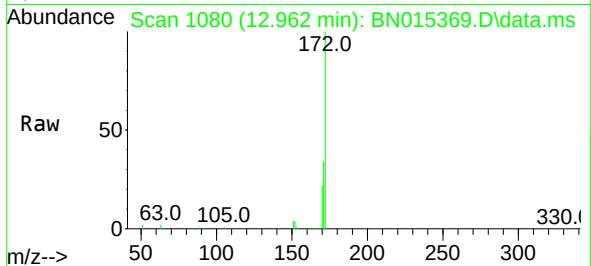




#15
2-Fluorobiphenyl
Concen: 0.175 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

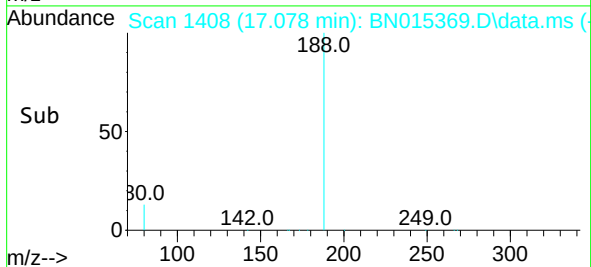
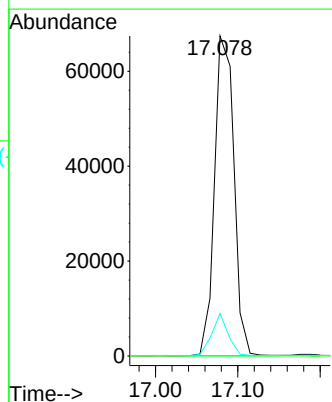
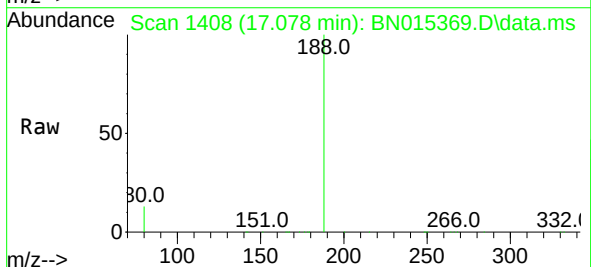
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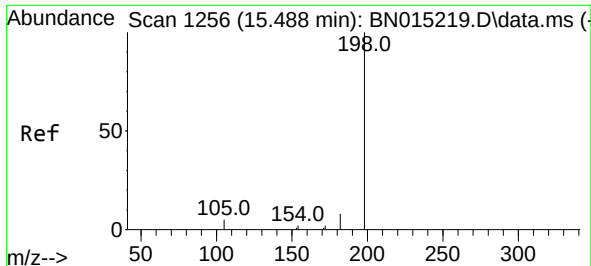
Tgt Ion:172 Resp: 39497
Ion Ratio Lower Upper
172 100
171 33.5 30.6 45.8
170 21.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion:188 Resp: 110077
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 9.0 13.4

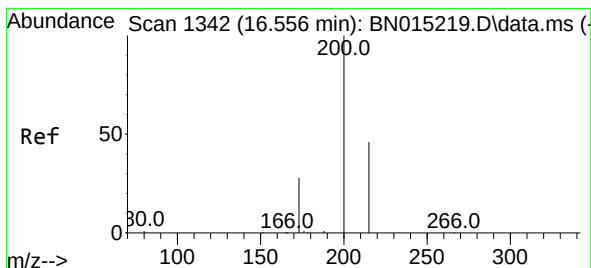
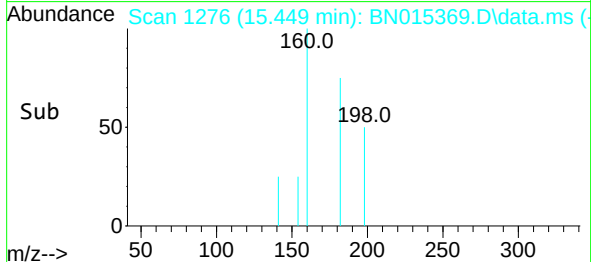
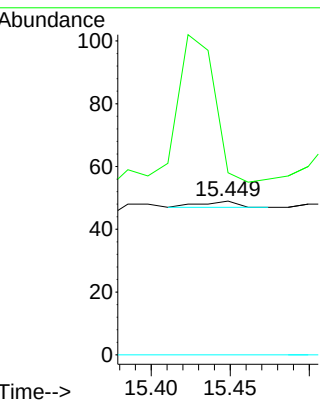
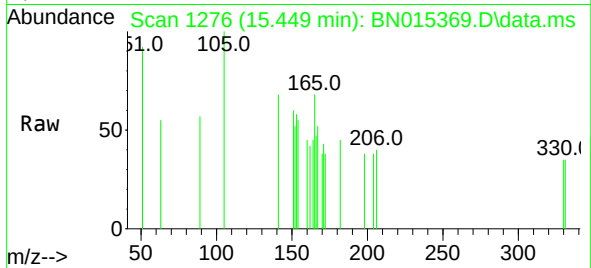




#20
4,6-Dinitro-2-methylphenol
Concen: 0.192 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.025 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

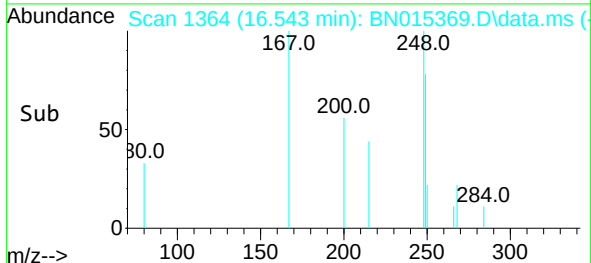
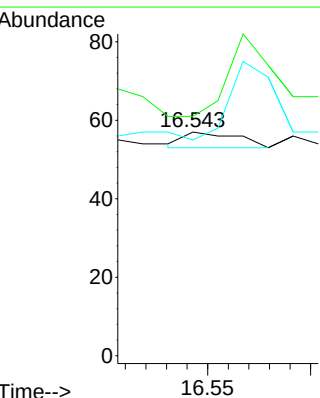
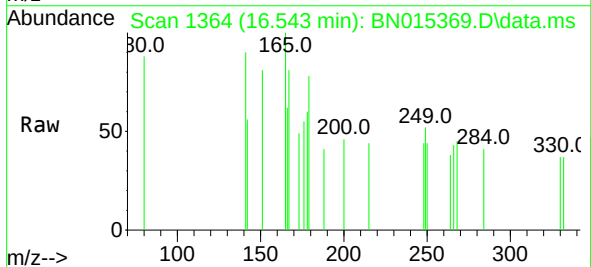
Instrument :
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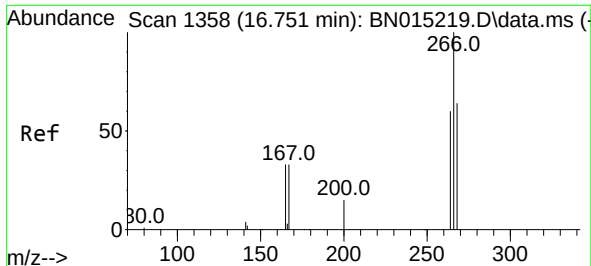
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 118.4 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.173 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion:200 Resp: 7
Ion Ratio Lower Upper
200 100
173 107.0 21.7 32.5#
215 96.5 43.1 64.7#

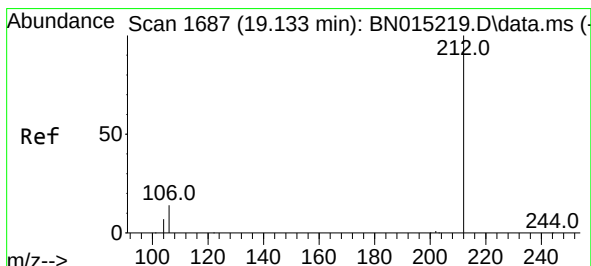
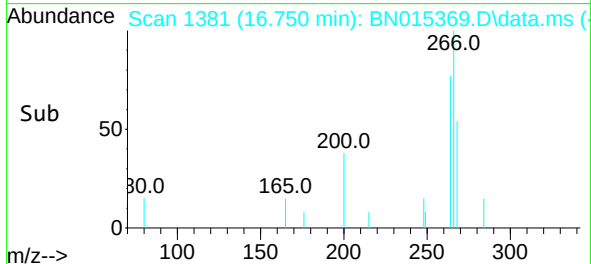
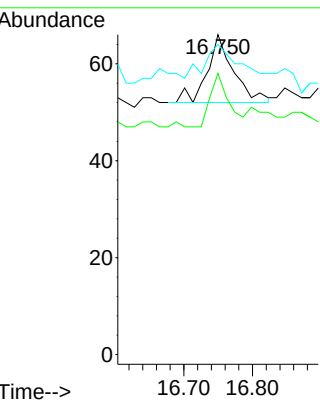
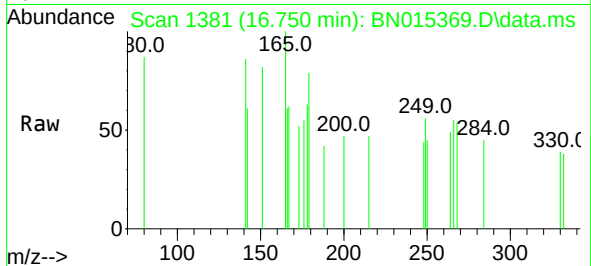




#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.750 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

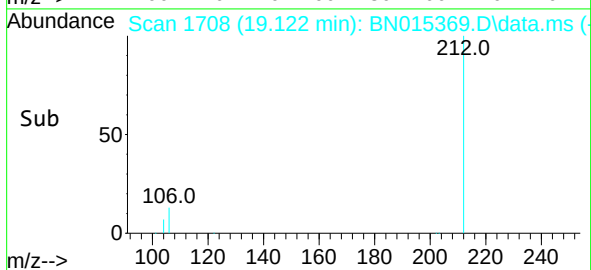
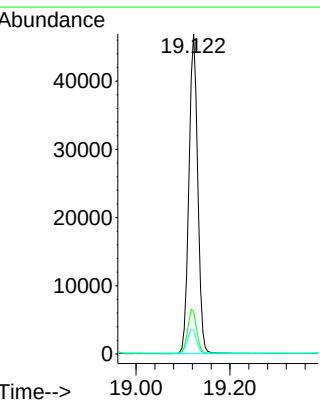
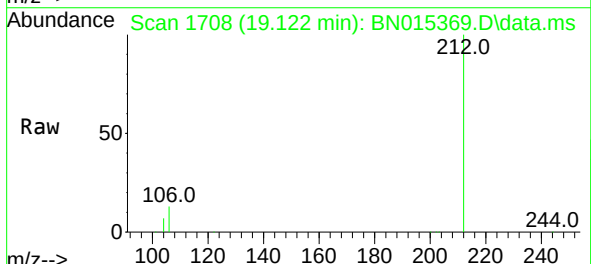
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

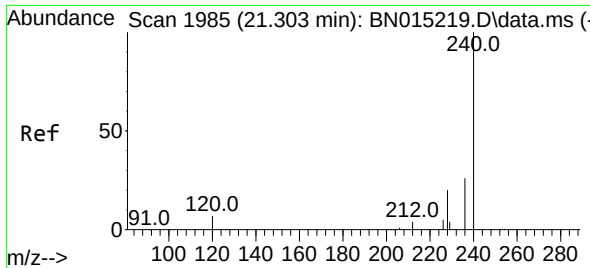
Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 54.1 51.0 76.4
268 62.2 50.6 76.0



#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion:212 Resp: 60842
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.7 4.1 6.1#

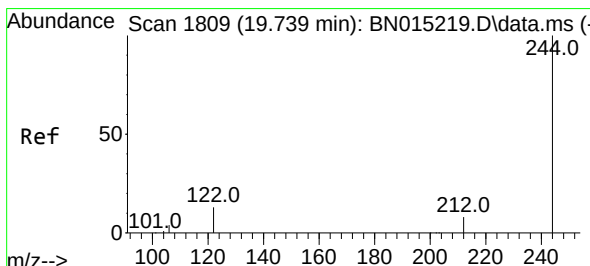
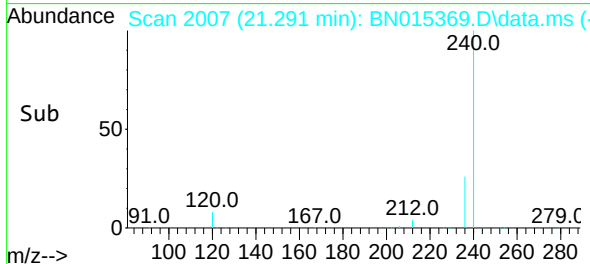
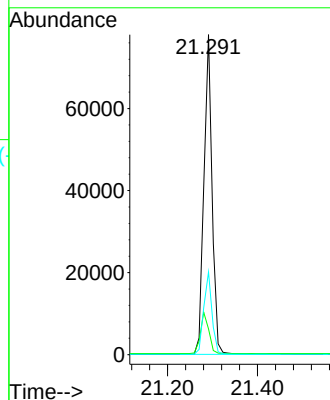
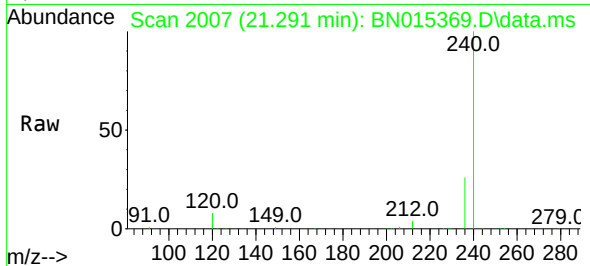




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

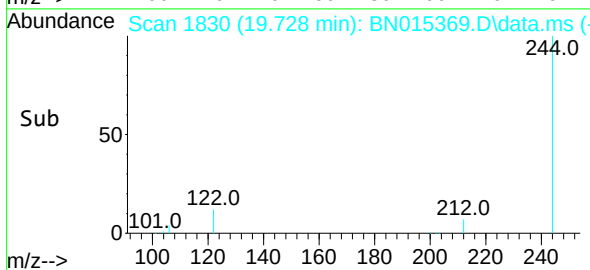
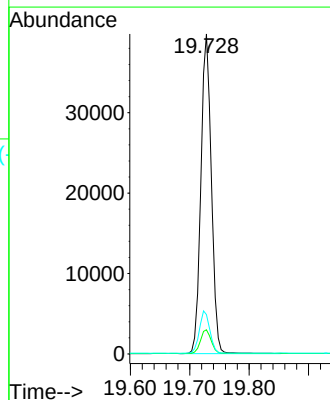
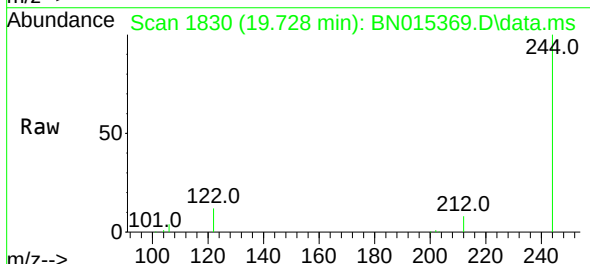
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

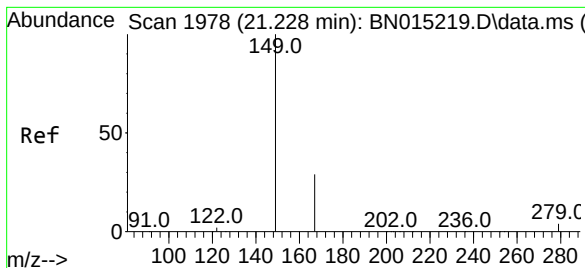
Tgt Ion:240 Resp: 98486
Ion Ratio Lower Upper
240 100
120 8.1 4.2 6.4#
236 25.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.211 ng
RT: 19.728 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion:244 Resp: 48609
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 12.3 6.2 9.2#

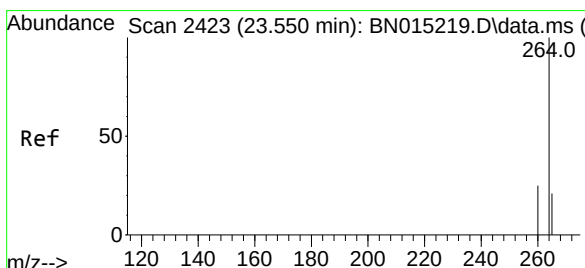
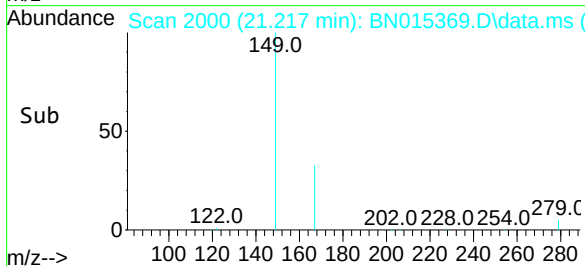
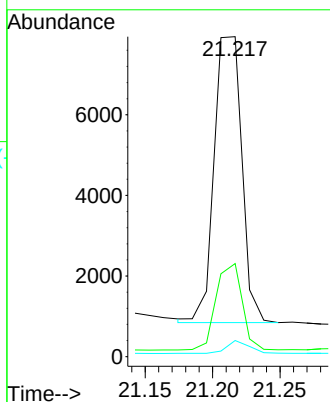
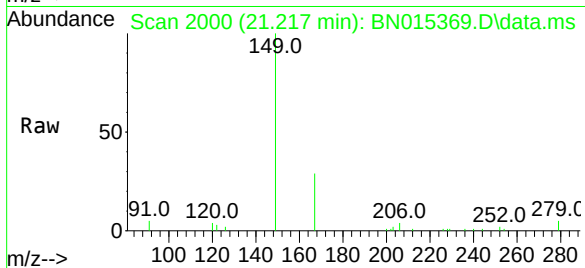




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.232 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.011 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

Tgt Ion:149 Resp: 10129
Ion Ratio Lower Upper
149 100
167 28.6 28.9 43.3#
279 3.8 4.9 7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.536 min Scan# 2442
Delta R.T. 0.007 min
Lab File: BN015369.D
Acq: 07 Jul 2021 12:16

Tgt Ion:264 Resp: 91417
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 22.8 21.4 32.2

