

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015368.D
 Acq On : 07 Jul 2021 11:40
 Operator : CG/JU
 Sample : M2803-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621

Quant Time: Jul 07 12:12:21 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)

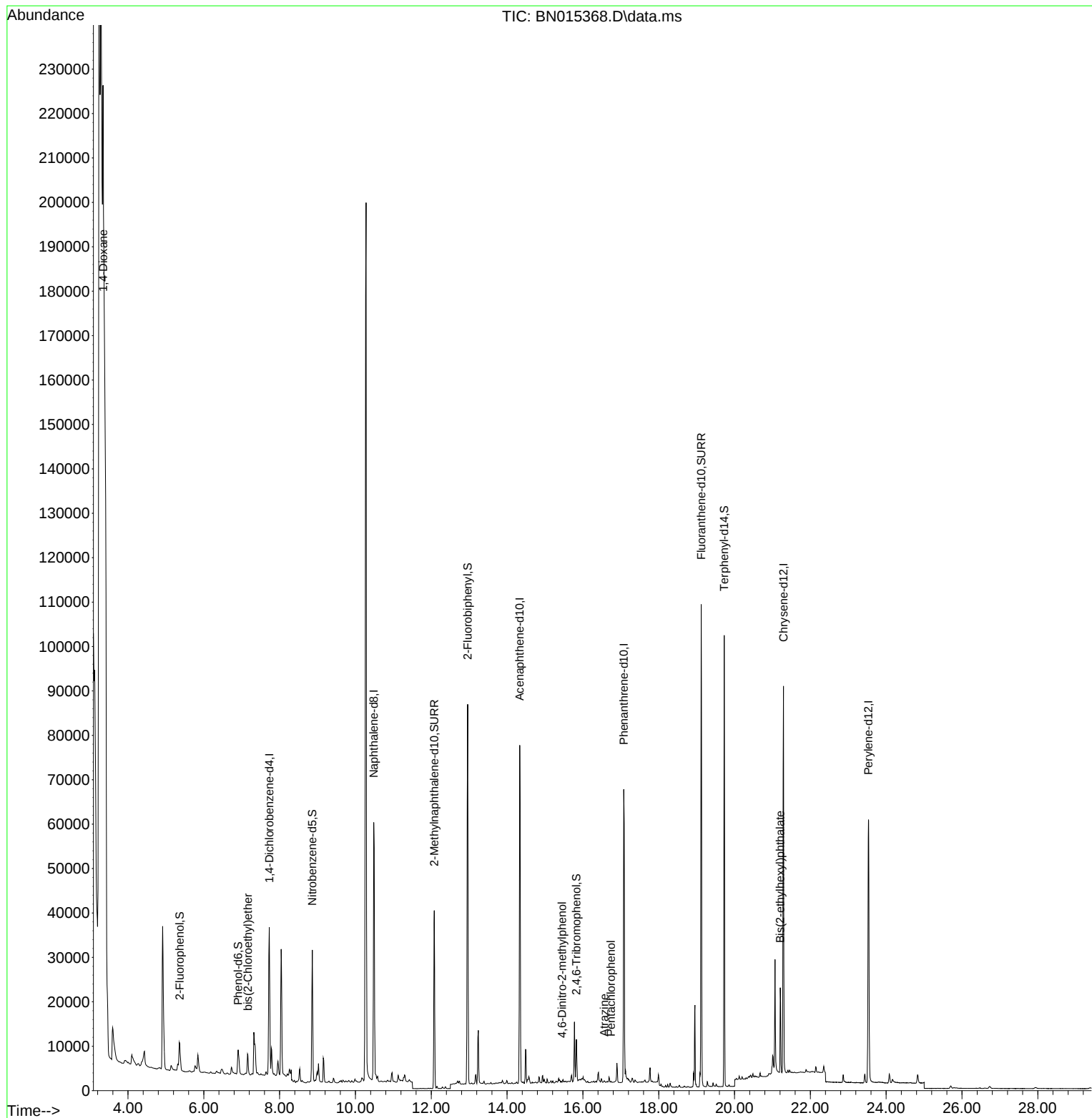
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	18851	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	85420	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	47848	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	95872	0.400	ng	# 0.00
29) Chrysene-d12	21.291	240	85628	0.400	ng	# 0.00
35) Perylene-d12	23.532	264	78842	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	8007	0.167	ng	0.03
5) Phenol-d6	6.905	99	5433	0.090	ng	0.00
8) Nitrobenzene-d5	8.860	82	24546	0.513	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	52918	0.374	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7043	0.561	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	76564	0.394	ng	0.00
27) Fluoranthene-d10	19.122	212	117796	0.416	ng	0.00
31) Terphenyl-d14	19.728	244	95521	0.477	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	113649	12.859	ng	# 68
6) bis(2-Chloroethyl)ether	7.163	93	4278	0.072	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.449	198	11	0.197	ng	# 1
23) Atrazine	16.567	200	39	0.173	ng	# 1
24) Pentachlorophenol	16.738	266	154	0.256	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	18821	0.329	ng	# 88

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

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Response via : Initial Calibration

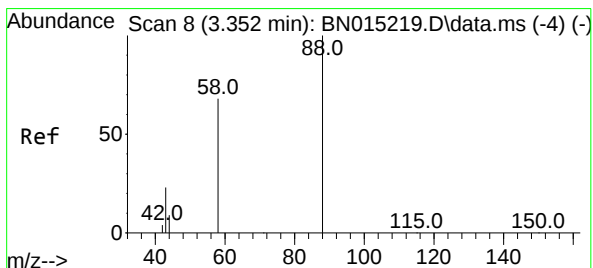
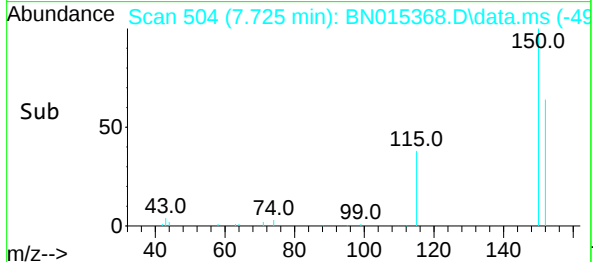
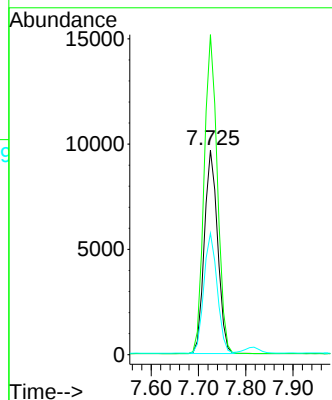
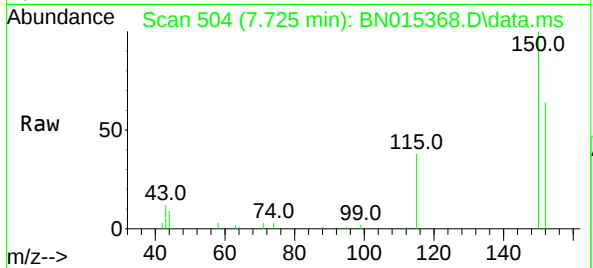




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015368.D
 Acq: 07 Jul 2021 11:40

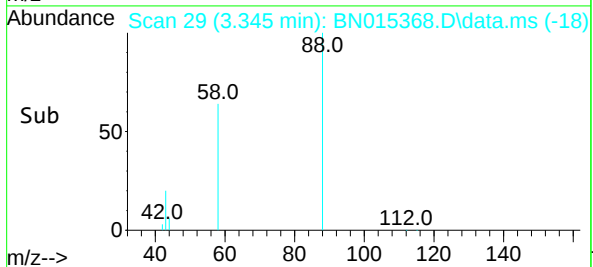
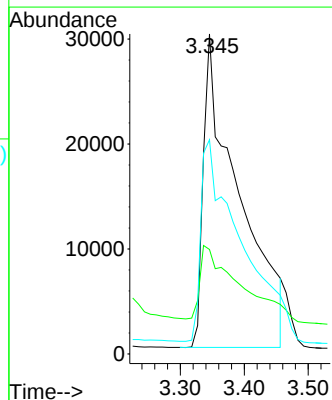
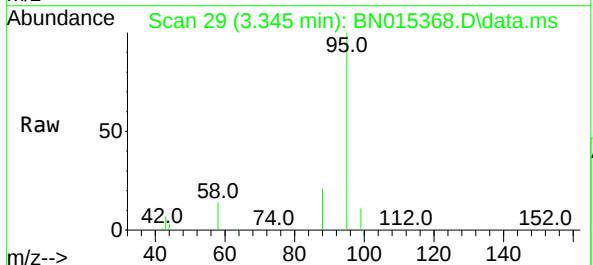
Instrument :
 BNA_N
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 TT101D1-20210621

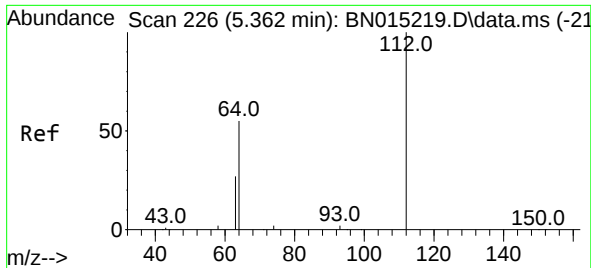
Tgt Ion: 152 Resp: 18851
 Ion Ratio Lower Upper
 152 100
 150 156.4 119.0 178.6
 115 59.3 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 12.859 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN015368.D
 Acq: 07 Jul 2021 11:40

Tgt Ion: 88 Resp: 113649
 Ion Ratio Lower Upper
 88 100
 43 24.9 12.9 19.3#
 58 71.3 38.1 57.1#

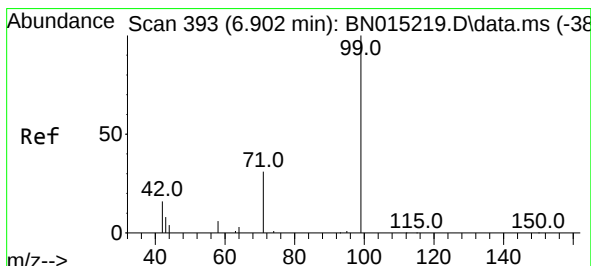
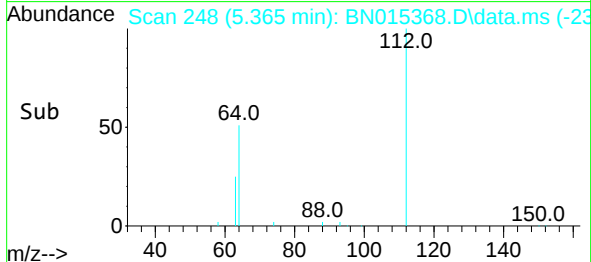
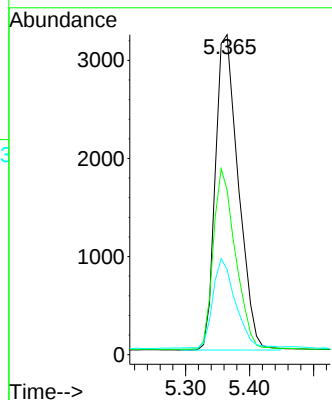
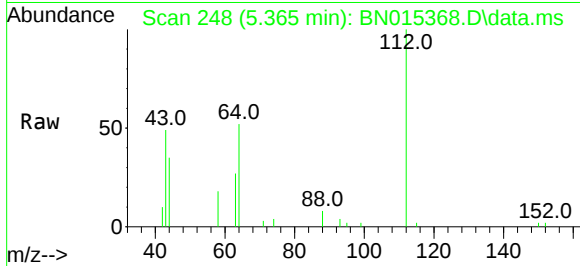




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.028 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

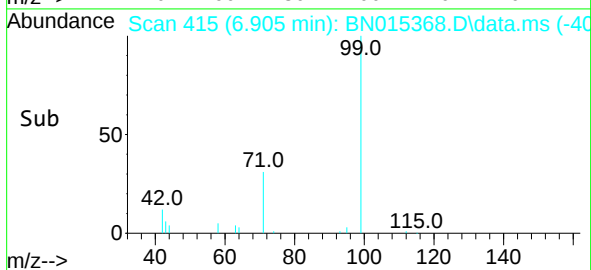
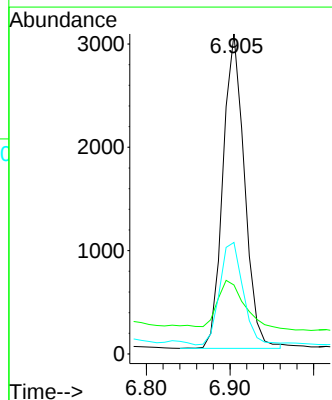
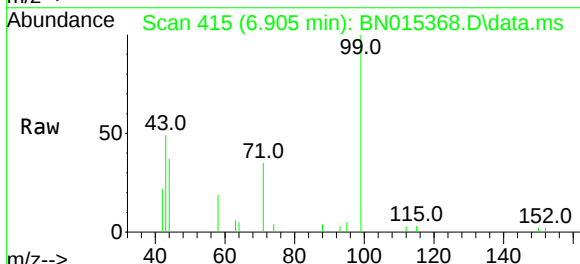
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

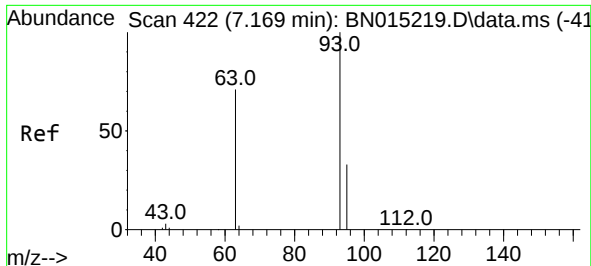
Tgt Ion:	112	Resp:	8007
Ion	Ratio	Lower	Upper
112	100		
64	55.4	39.0	58.6
63	28.5	20.6	30.8



#5
Phenol-d6
Concen: 0.090 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.009 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion:	99	Resp:	5433
Ion	Ratio	Lower	Upper
99	100		
42	18.4	8.9	13.3#
71	35.3	35.6	53.4#

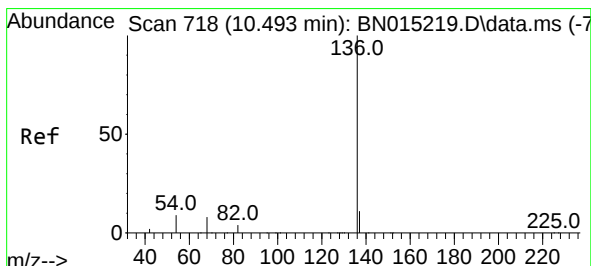
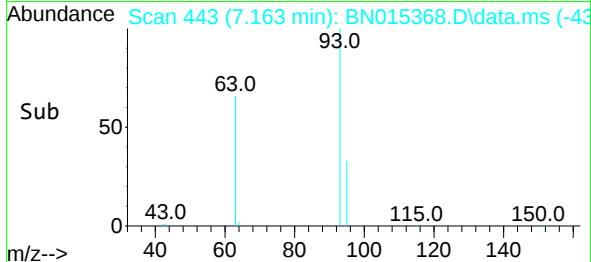
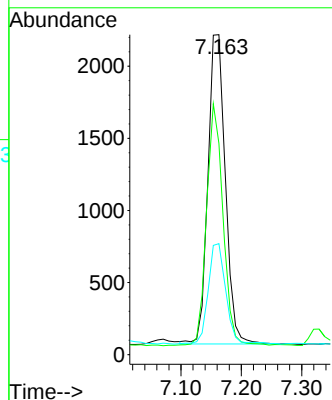
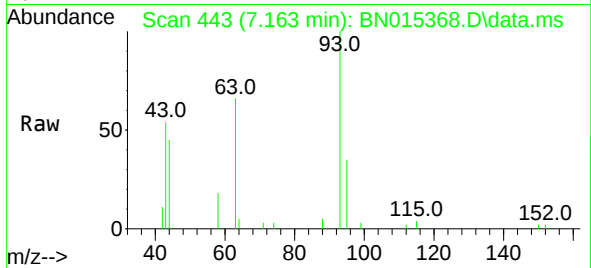




#6
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

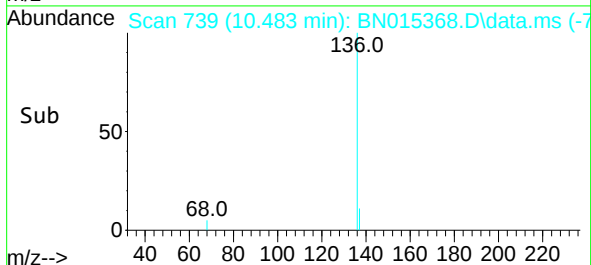
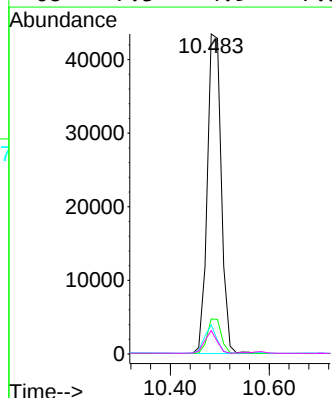
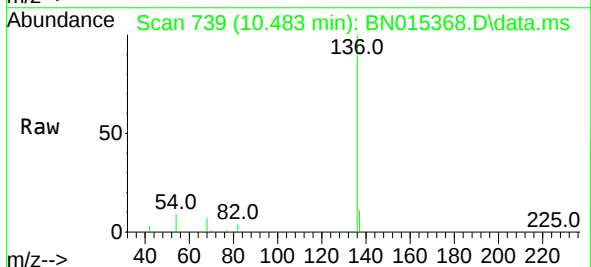
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

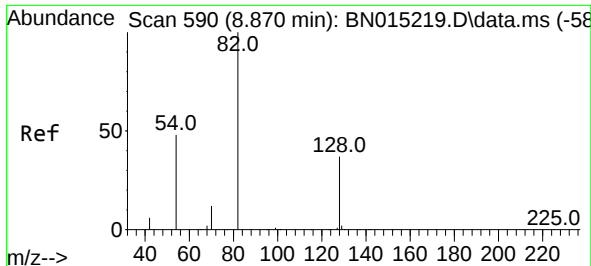
Tgt Ion: 93 Resp: 4278
Ion Ratio Lower Upper
93 100
63 73.4 46.6 70.0#
95 33.0 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion: 136 Resp: 85420
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 9.1 5.4 8.2#
68 7.3 4.9 7.3

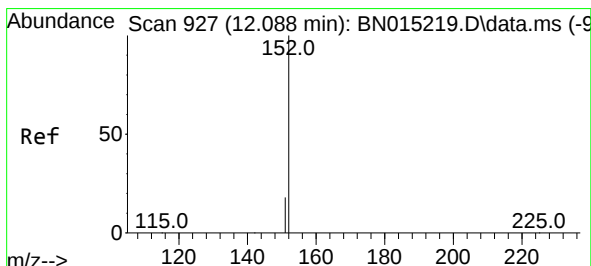
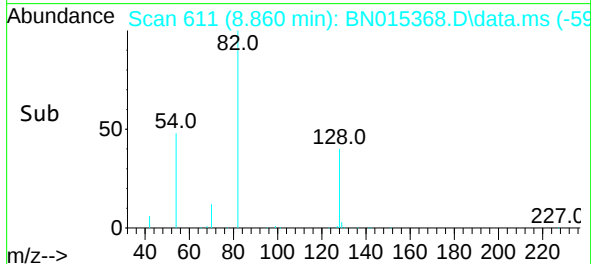
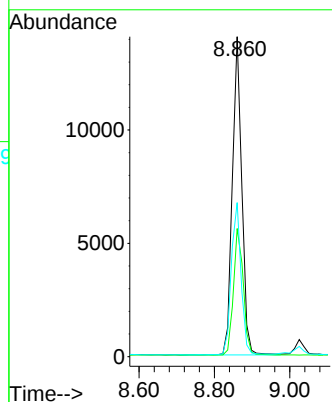
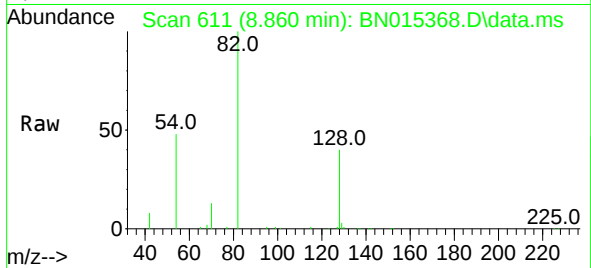




#8
Nitrobenzene-d5
Concen: 0.513 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

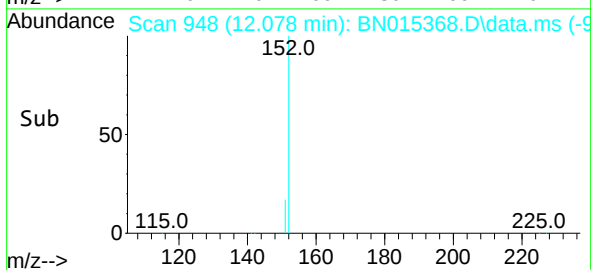
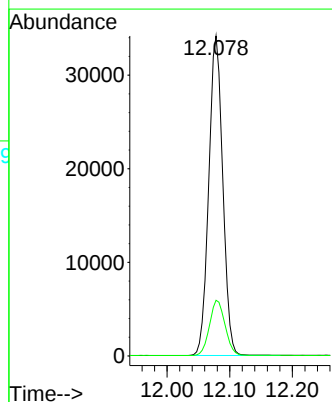
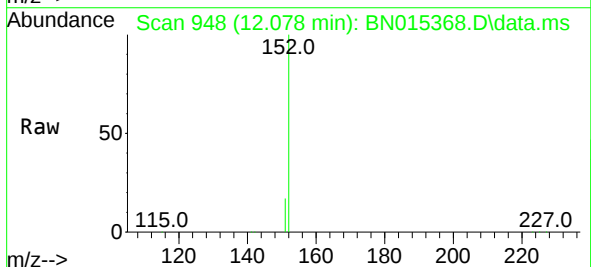
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

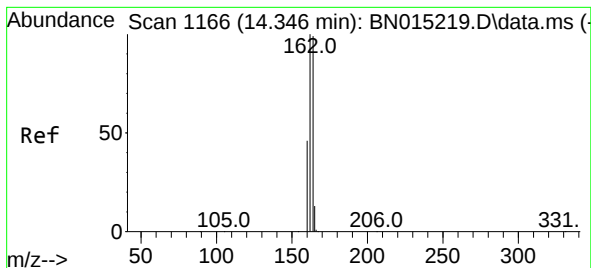
Tgt Ion: 82 Resp: 24546
Ion Ratio Lower Upper
82 100
128 40.0 31.6 47.4
54 48.1 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion: 152 Resp: 52918
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1

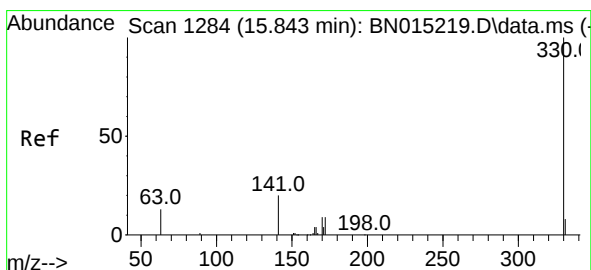
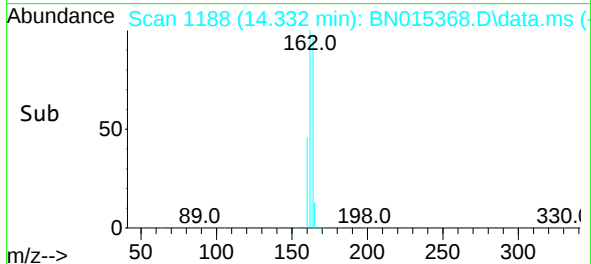
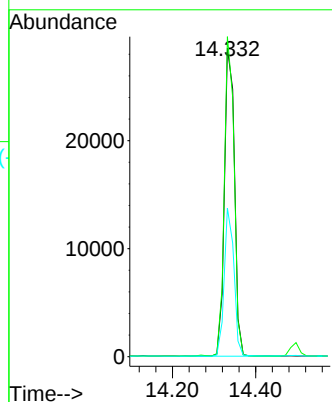
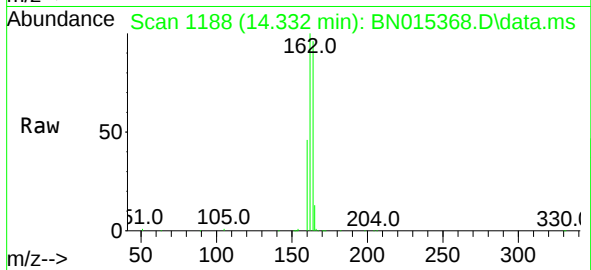




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

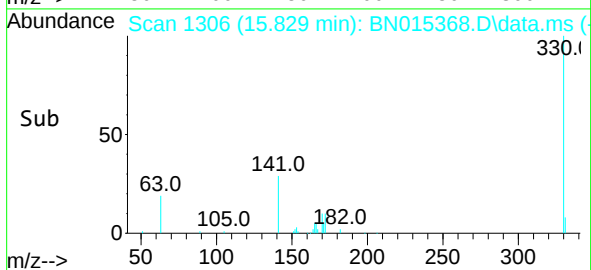
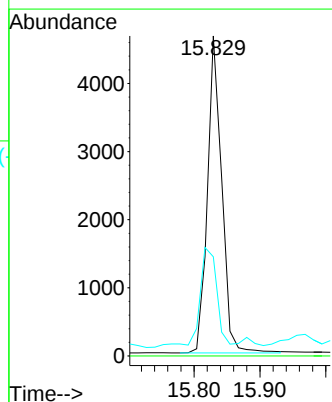
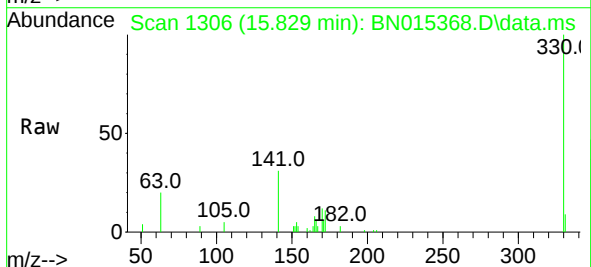
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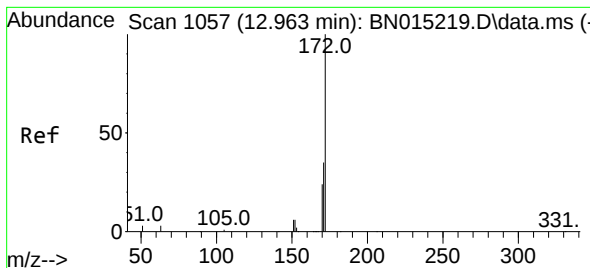
Tgt Ion:164 Resp: 47848
Ion Ratio Lower Upper
164 100
162 103.8 83.8 125.6
160 48.2 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion:330 Resp: 7043
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.8 22.4 33.6#

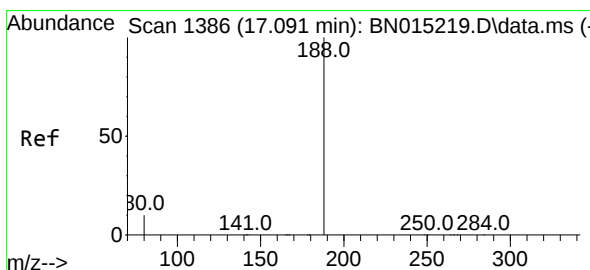
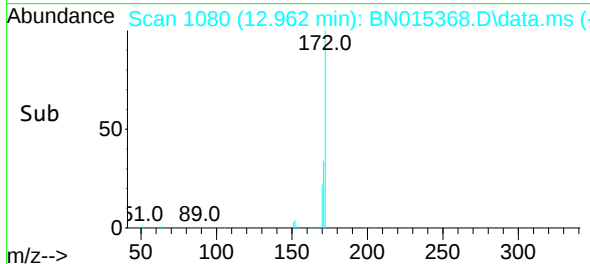
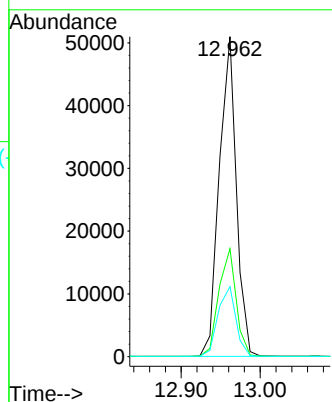
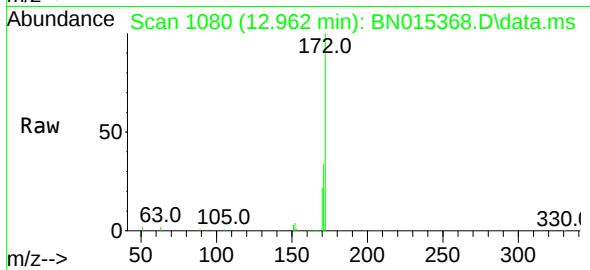




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

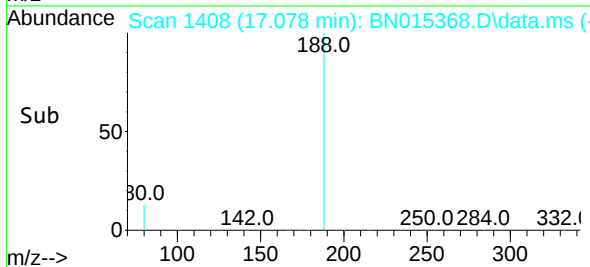
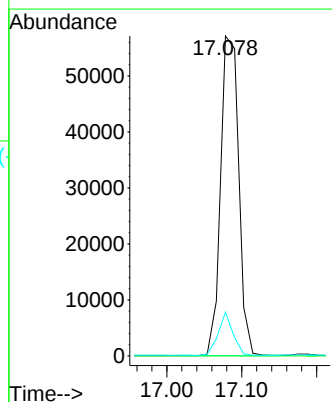
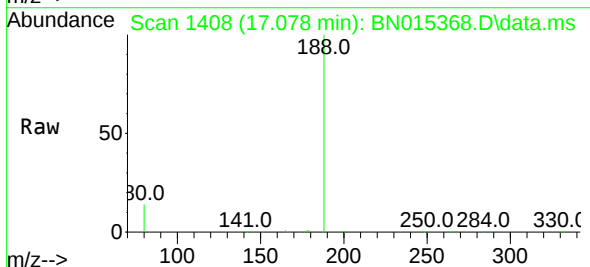
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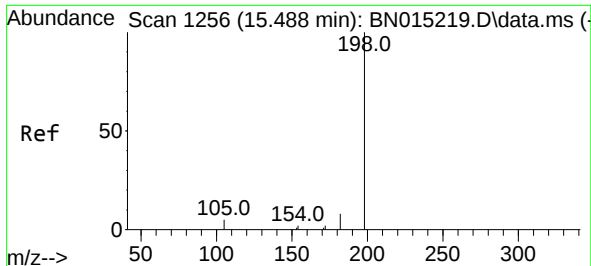
Tgt Ion:172 Resp: 76564
Ion Ratio Lower Upper
172 100
171 33.7 30.6 45.8
170 21.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion:188 Resp: 95872
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 9.0 13.4#

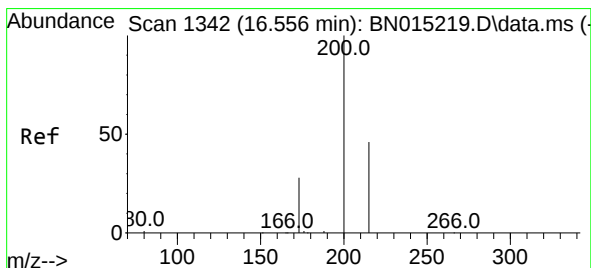
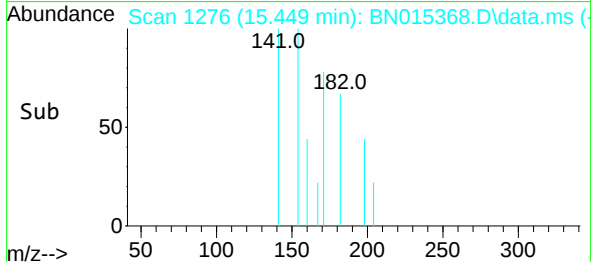
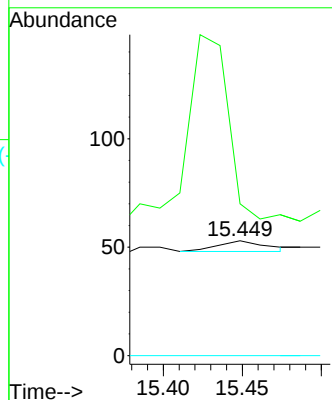
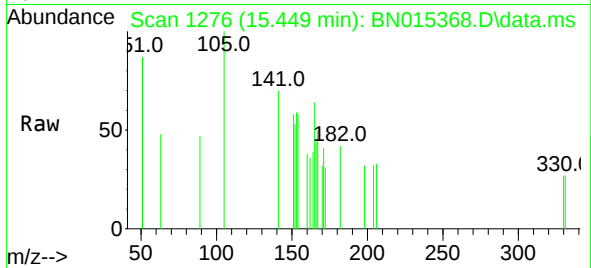




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.025 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

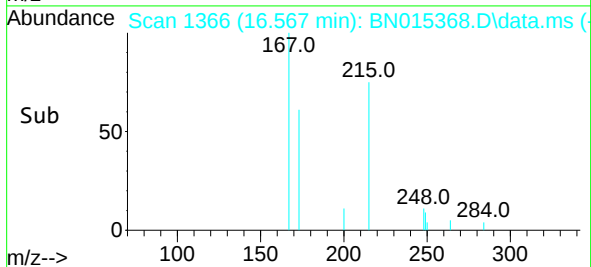
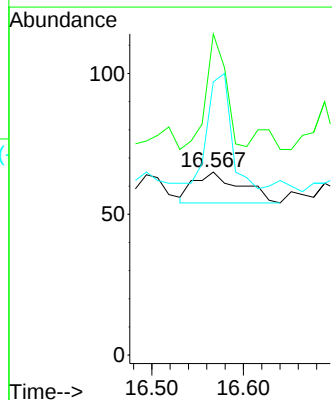
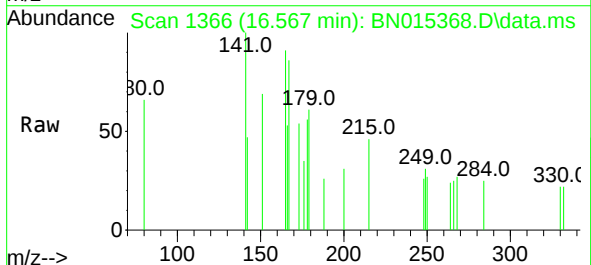
Instrument :
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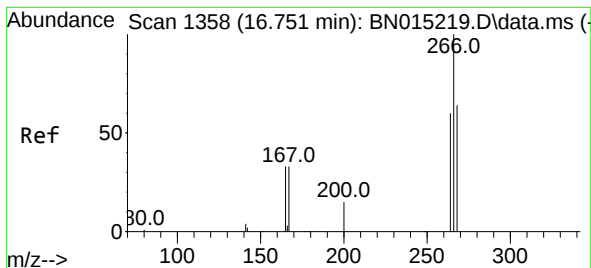
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 132.1 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.173 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.024 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion:200 Resp: 39
Ion Ratio Lower Upper
200 100
173 175.4 21.7 32.5#
215 149.2 43.1 64.7#

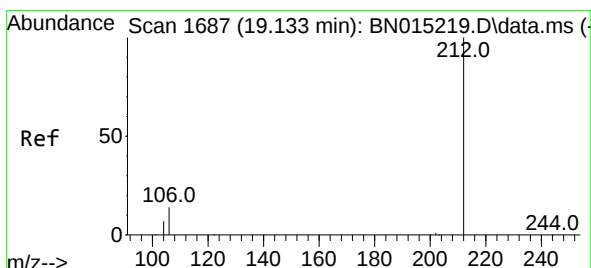
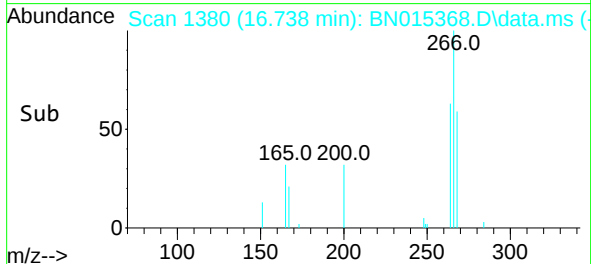
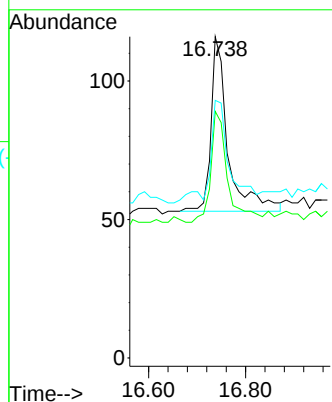
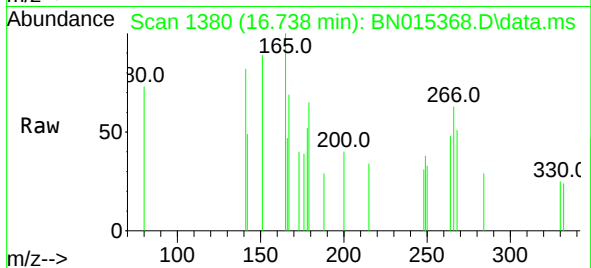




#24
 Pentachlorophenol
 Concen: 0.256 ng
 RT: 16.738 min Scan# 1380
 Delta R.T. -0.000 min
 Lab File: BN015368.D
 Acq: 07 Jul 2021 11:40

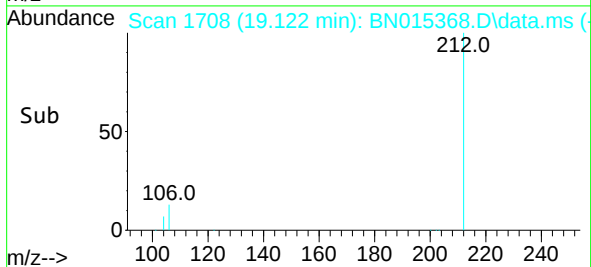
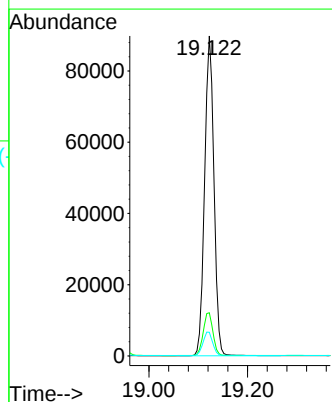
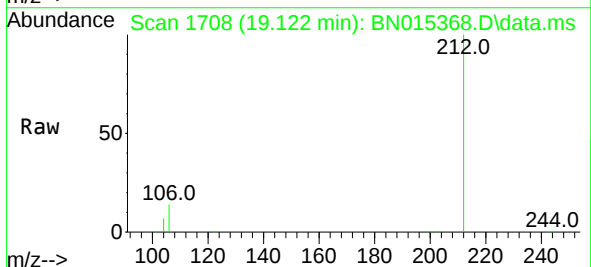
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210621

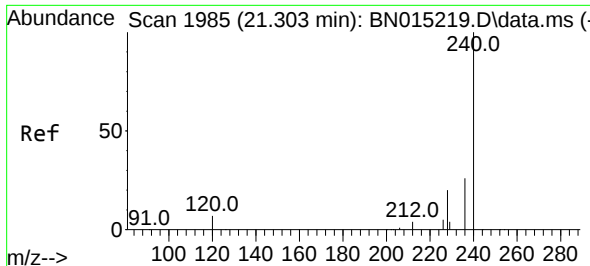
Tgt Ion:	266	Resp:	154
Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.0	76.4
268	61.0	50.6	76.0



#27
 Fluoranthene-d10
 Concen: 0.416 ng
 RT: 19.122 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: BN015368.D
 Acq: 07 Jul 2021 11:40

Tgt Ion:	212	Resp:	117796
Ion	Ratio	Lower	Upper
212	100		
106	13.9	7.0	10.6#
104	7.6	4.1	6.1#

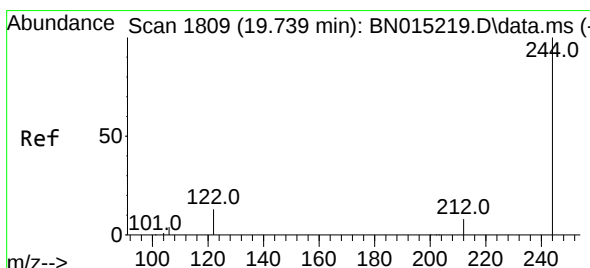
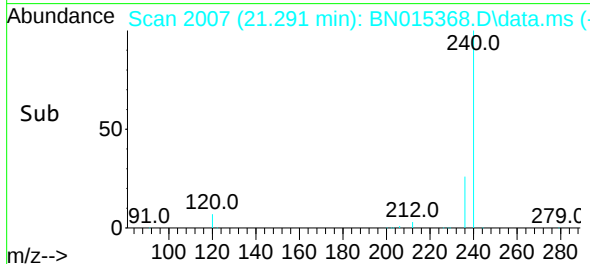
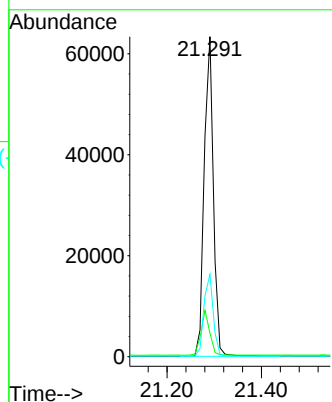
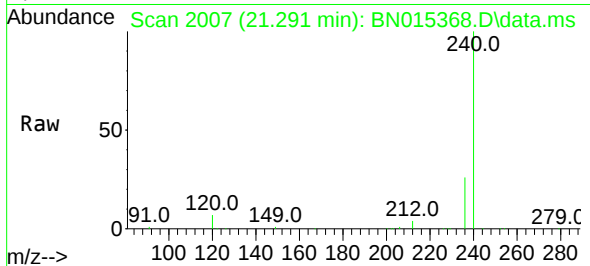




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

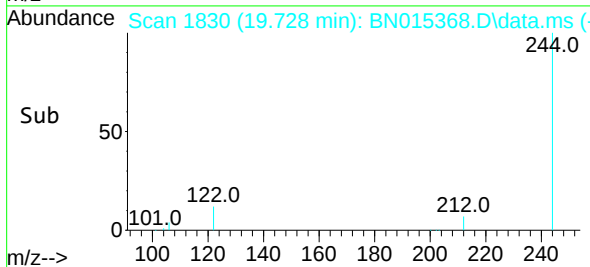
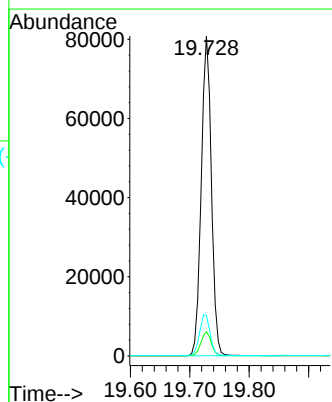
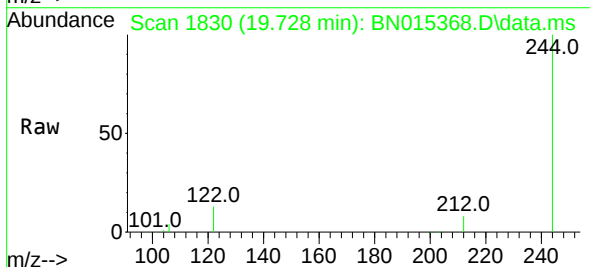
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

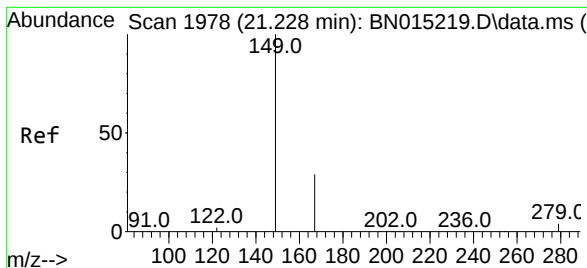
Tgt Ion:240 Resp: 85628
Ion Ratio Lower Upper
240 100
120 7.3 4.2 6.4#
236 25.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.477 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion:244 Resp: 95521
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 12.6 6.2 9.2#

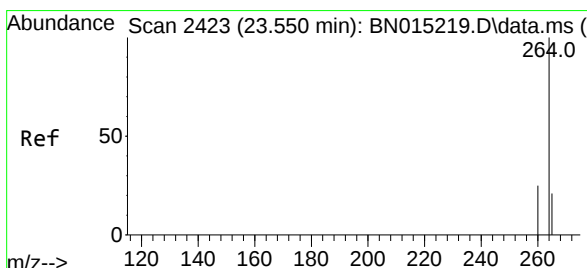
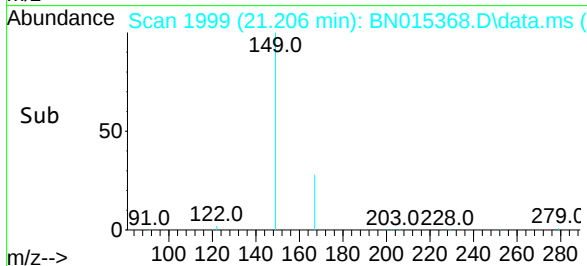
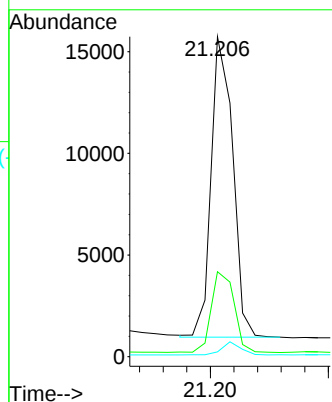
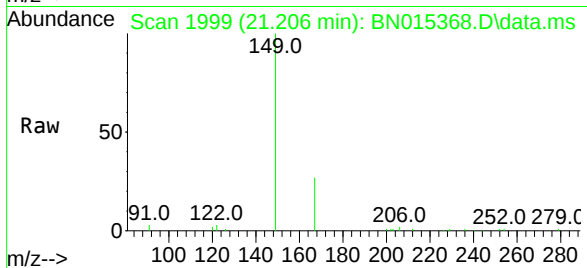




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.329 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Instrument :
BNA_N
ClientSampleId :
TT101D1-20210621

Tgt Ion:149 Resp: 18821
Ion Ratio Lower Upper
149 100
167 28.4 28.9 43.3#
279 3.8 4.9 7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.532 min Scan# 2441
Delta R.T. 0.003 min
Lab File: BN015368.D
Acq: 07 Jul 2021 11:40

Tgt Ion:264 Resp: 78842
Ion Ratio Lower Upper
264 100
260 24.7 20.6 31.0
265 23.0 21.4 32.2

