

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015201.D
 Acq On : 30 Jun 2021 00:33
 Operator : CG/JU
 Sample : M2783-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210617

Quant Time: Jun 30 02:27:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 19:13:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

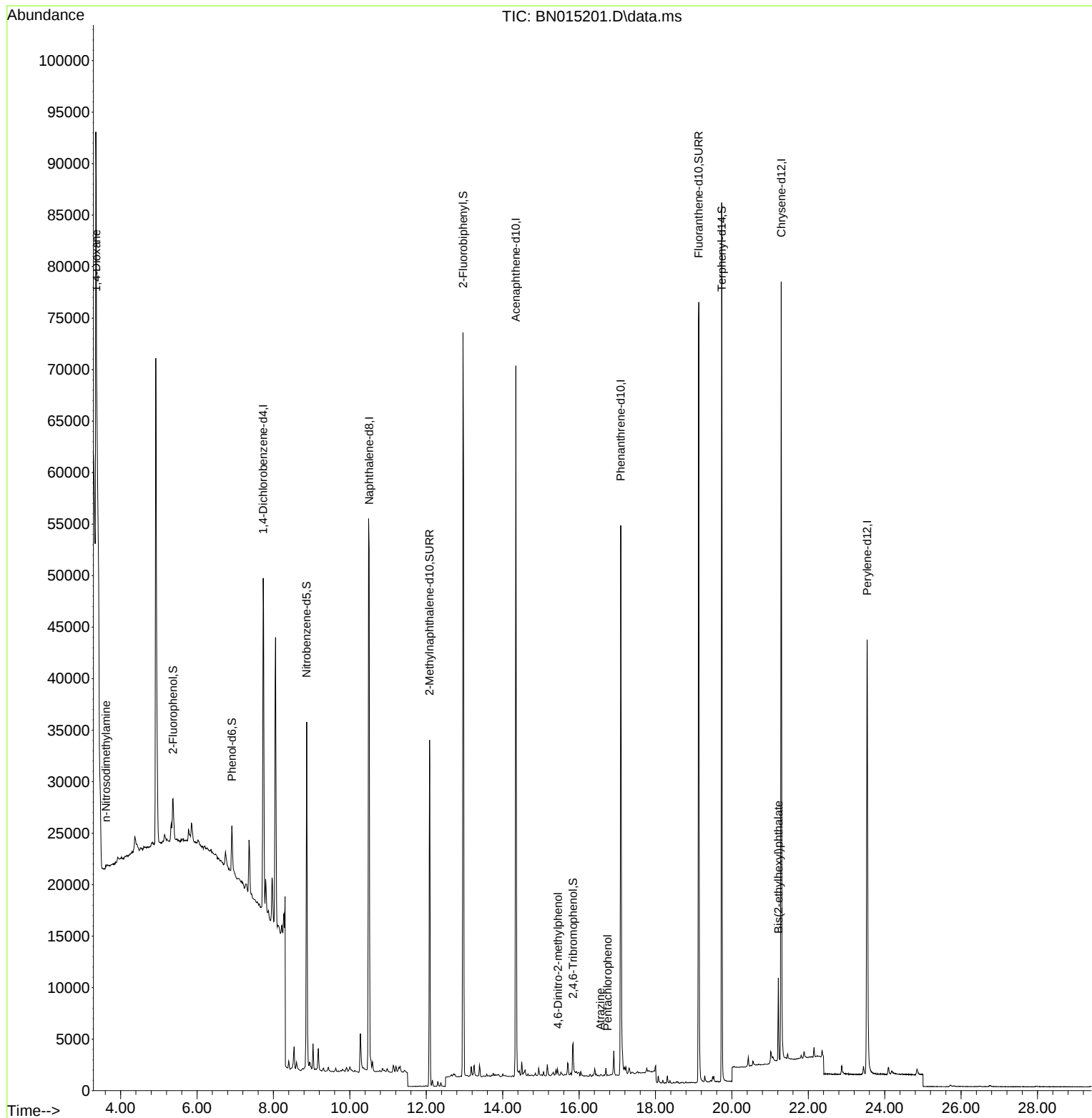
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	17457	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	78637	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	36423	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	73059	0.40	ng	0.00
29) Chrysene-d12	21.292	240	70493	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	59583	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	4968	0.13	ng	0.03
5) Phenol-d6	6.911	99	4488	0.08	ng	0.00
8) Nitrobenzene-d5	8.870	82	27520	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	43981	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3118	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	66943	0.44	ng	-0.01
27) Fluoranthene-d10	19.133	212	87503	0.39	ng	0.00
31) Terphenyl-d14	19.734	244	81566	0.52	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	67953	13.41	ng	# 69
3) n-Nitrosodimethylamine	3.619	42	256	0.02	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.449	198	18	0.20	ng	# 1
23) Atrazine	16.556	200	34	0.17	ng	# 10
24) Pentachlorophenol	16.750	266	51	0.25	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	7182	0.31	ng	# 84

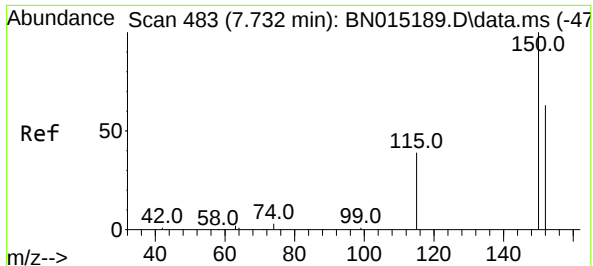
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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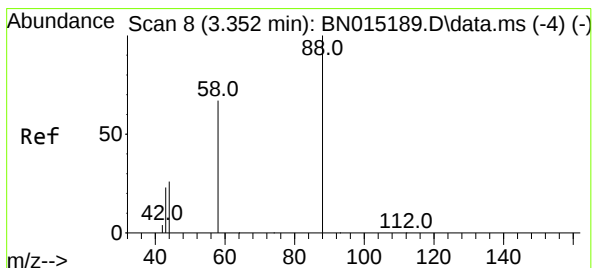
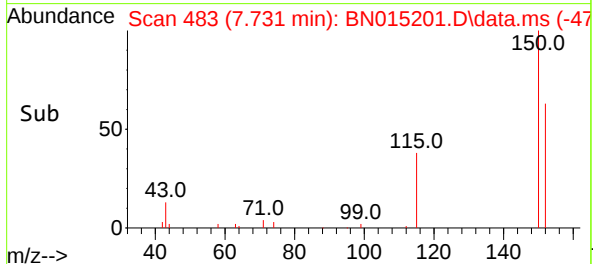
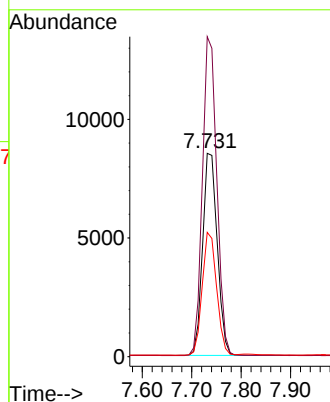
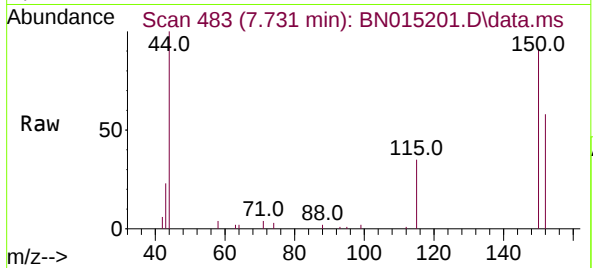




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.731 min Scan# 483
 Delta R.T. -0.001 min
 Lab File: BN015201.D
 Acq: 30 Jun 2021 00:33

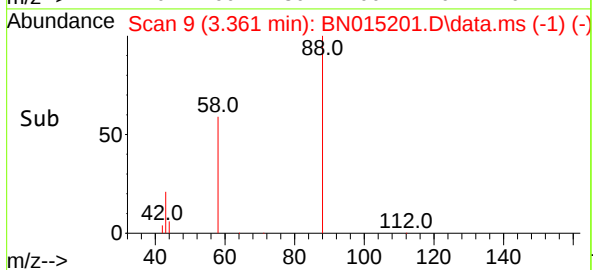
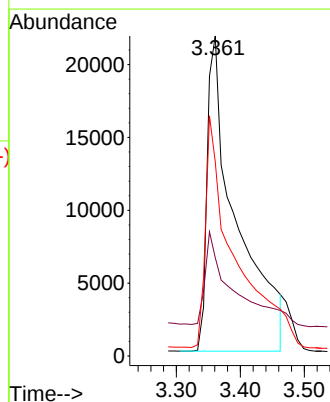
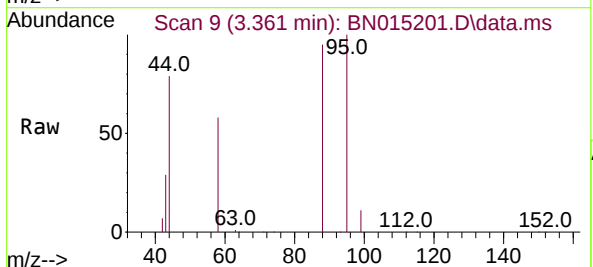
Instrument :
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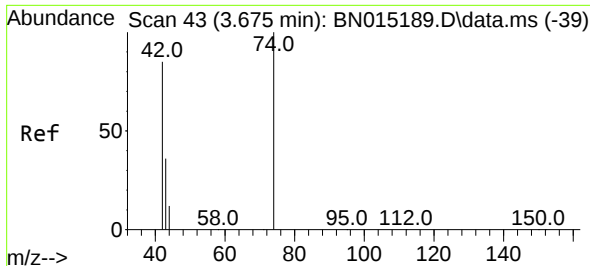
Tgt Ion:152 Resp: 17457
 Ion Ratio Lower Upper
 152 100
 150 157.3 119.0 178.6
 115 61.1 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 13.41 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015201.D
 Acq: 30 Jun 2021 00:33

Tgt Ion: 88 Resp: 67953
 Ion Ratio Lower Upper
 88 100
 43 26.6 12.9 19.3#
 58 70.0 38.1 57.1#

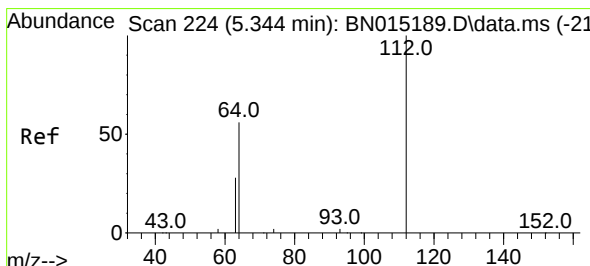
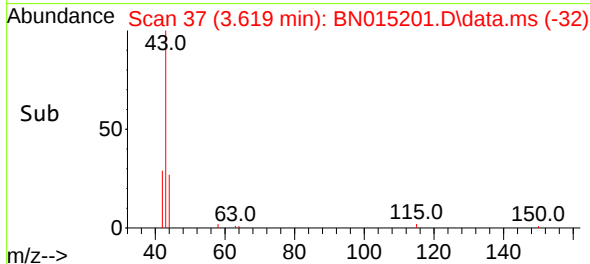
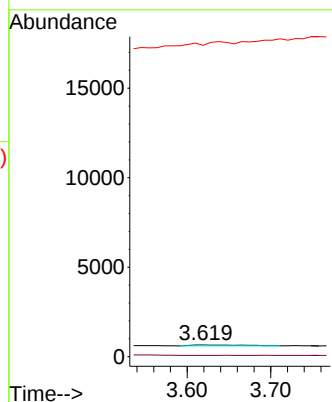
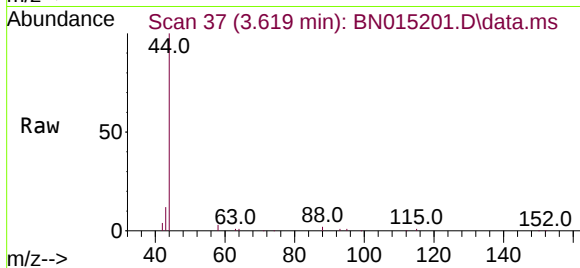




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.619 min Scan# 37
Delta R.T. -0.056 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

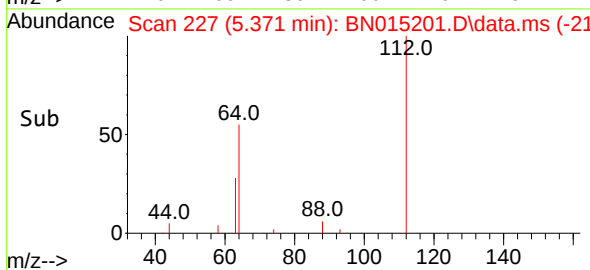
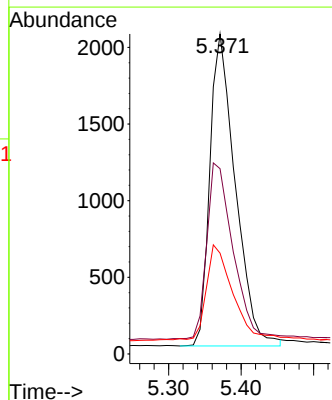
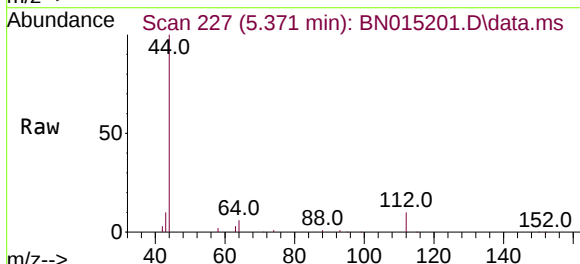
Instrument :
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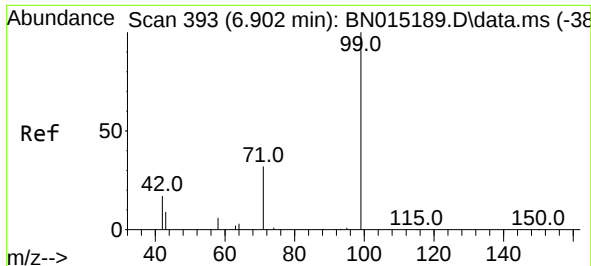
Tgt Ion: 42 Resp: 256
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.027 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion: 112 Resp: 4968
Ion Ratio Lower Upper
112 100
64 58.1 39.0 58.6
63 32.2 20.6 30.8#

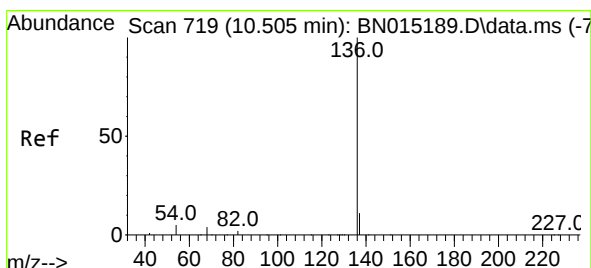
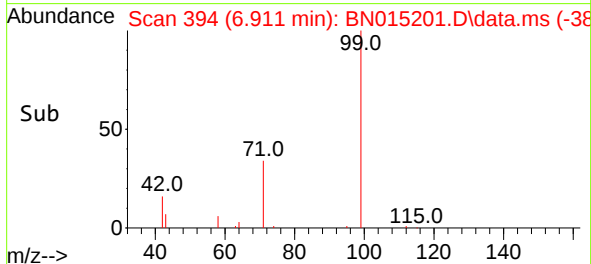
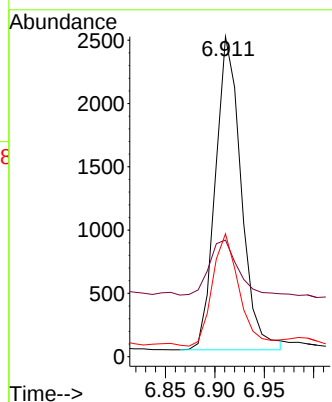
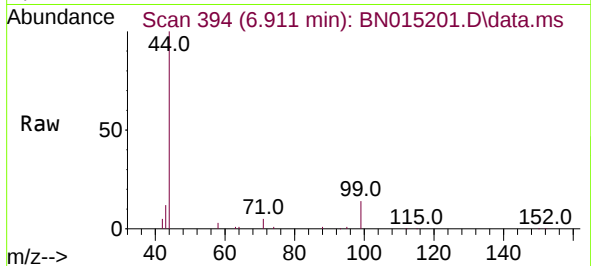




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

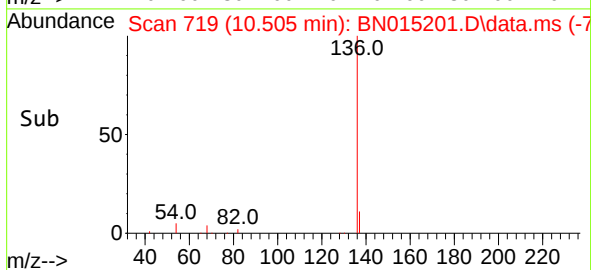
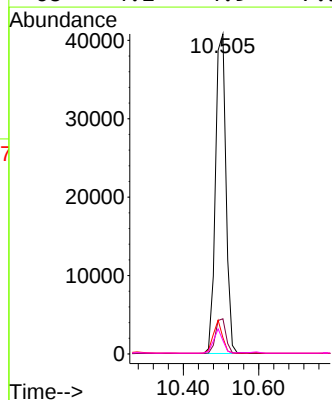
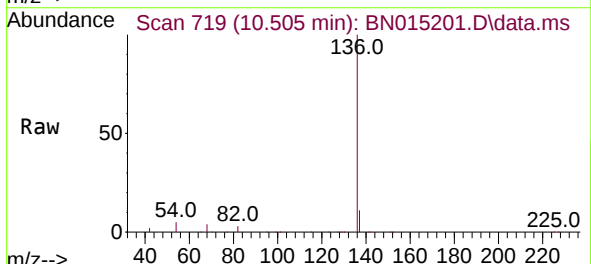
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BNA_N
ClientSampleId :
RE134D2-20210617

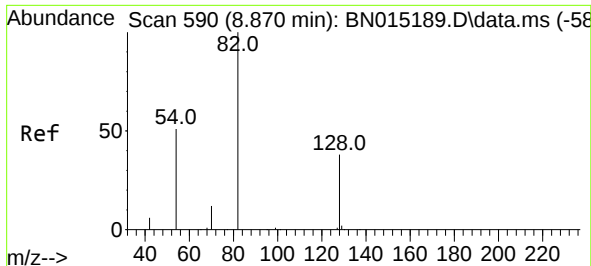
Tgt Ion: 99 Resp: 4488
Ion Ratio Lower Upper
99 100
42 19.2 8.9 13.3#
71 37.0 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion: 136 Resp: 78637
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 5.1 5.4 8.2#
68 4.2 4.9 7.3#

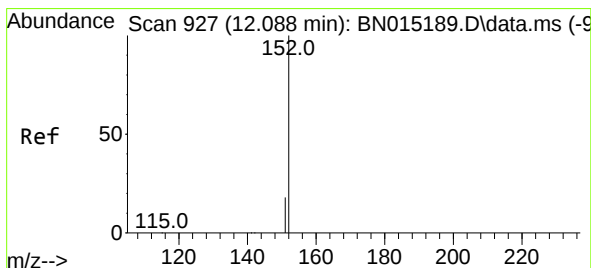
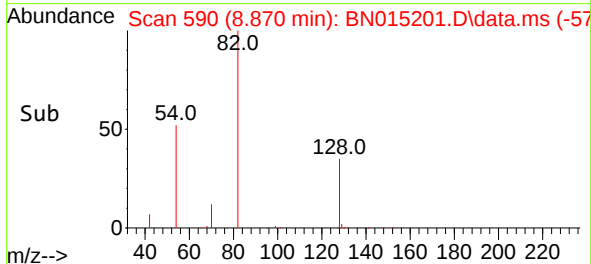
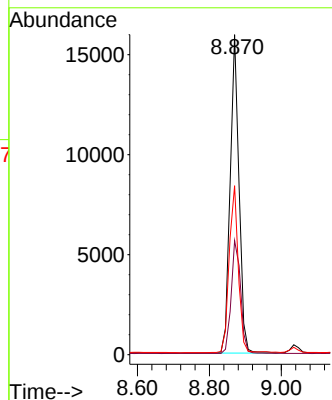
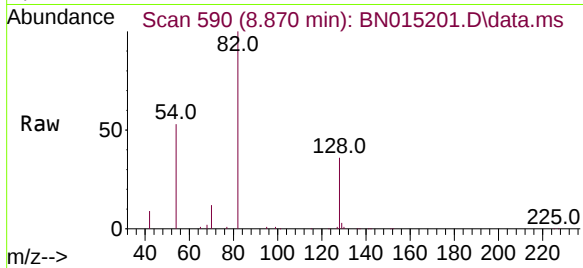




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

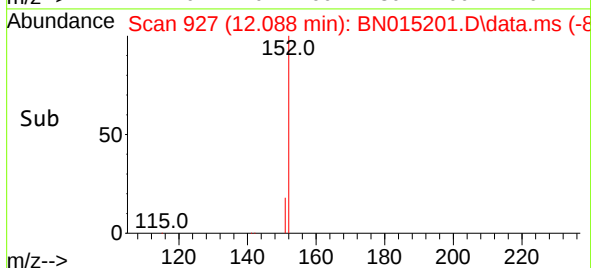
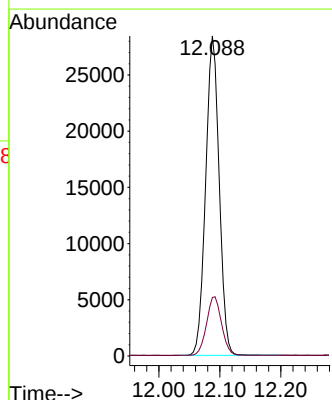
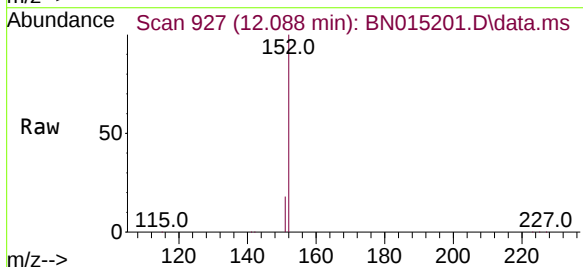
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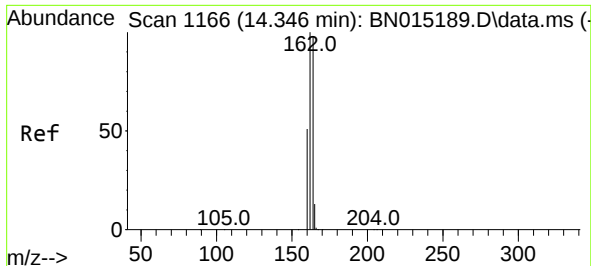
Tgt Ion: 82 Resp: 27520
Ion Ratio Lower Upper
82 100
128 35.6 31.6 47.4
54 52.8 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion: 152 Resp: 43981
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

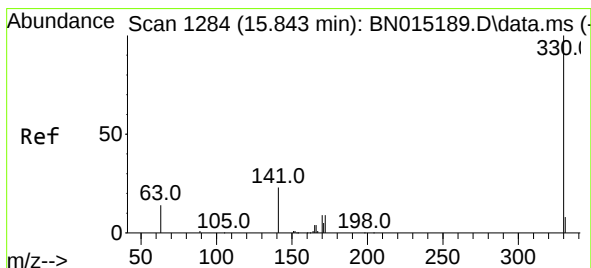
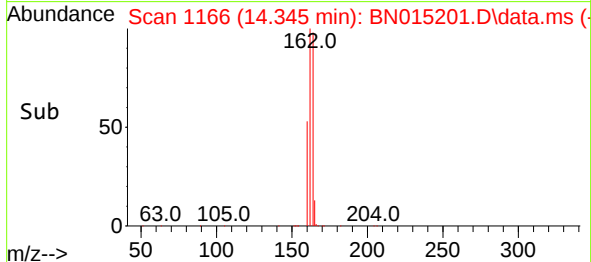
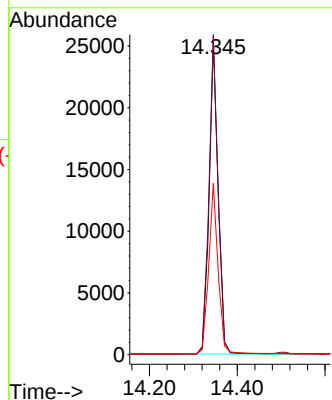
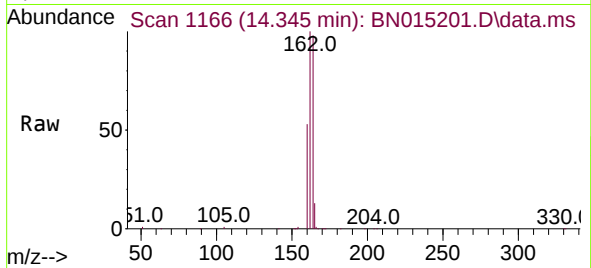




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1166
Delta R.T. -0.001 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

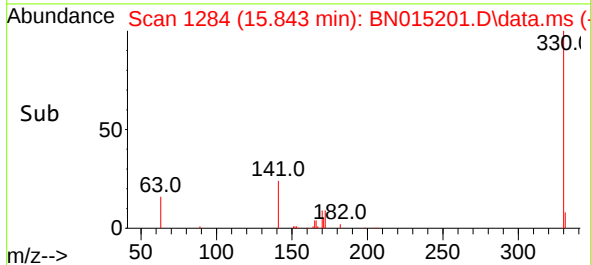
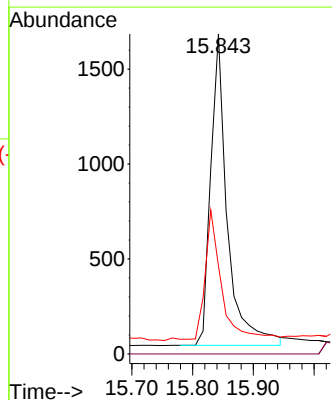
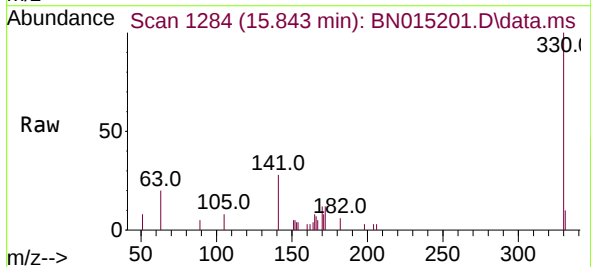
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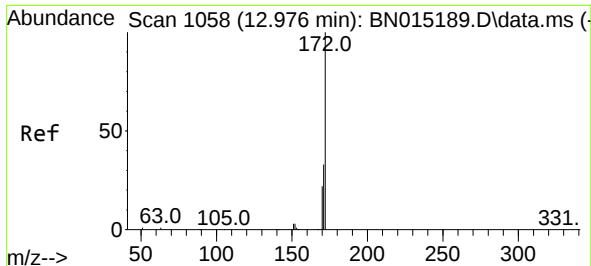
Tgt Ion:164 Resp: 36423
Ion Ratio Lower Upper
164 100
162 102.0 83.8 125.6
160 54.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion:330 Resp: 3118
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.9 22.4 33.6#

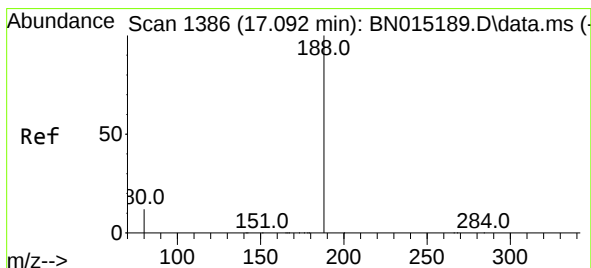
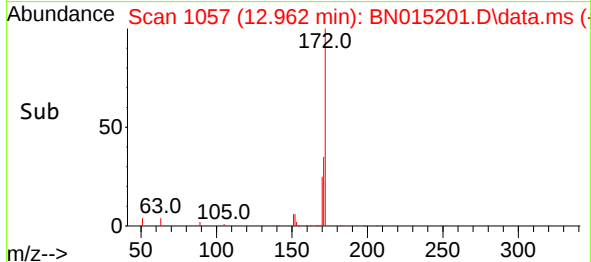
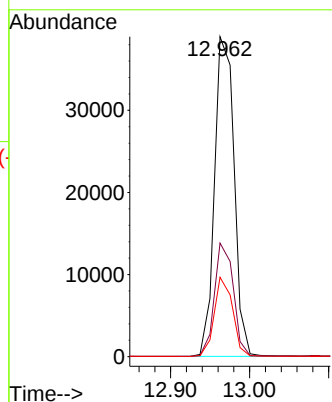
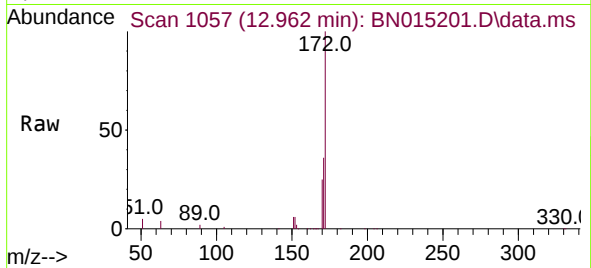




#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.962 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

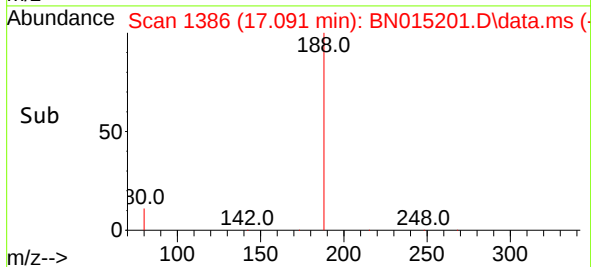
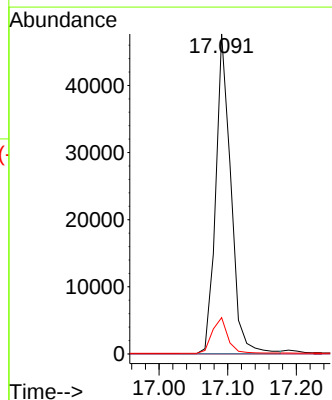
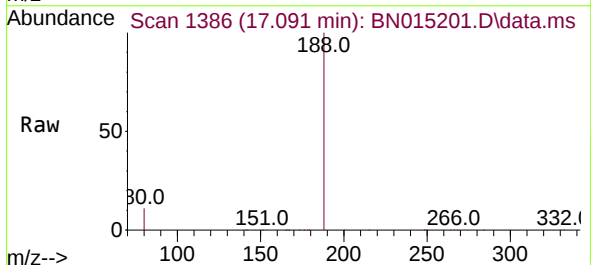
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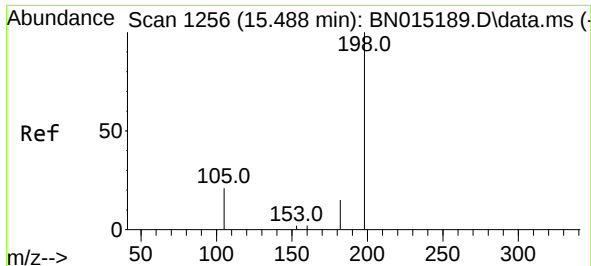
Tgt Ion:172	Resp:	66943
Ion Ratio	Lower	Upper
172	100	
171	35.5	30.6 45.8
170	24.8	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion:188	Resp:	73059
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.3	9.0 13.4

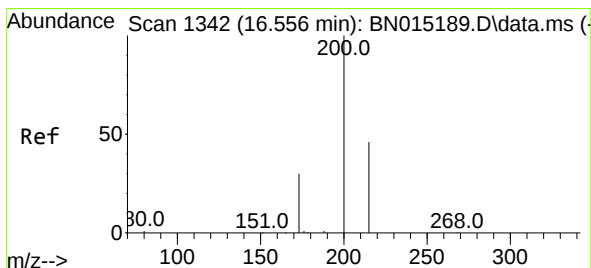
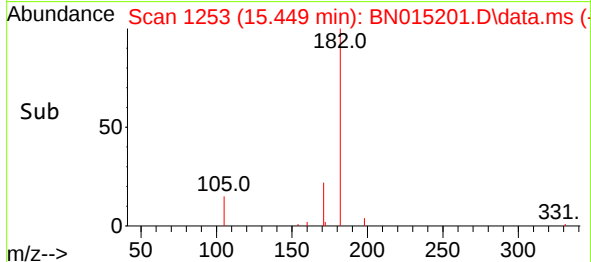
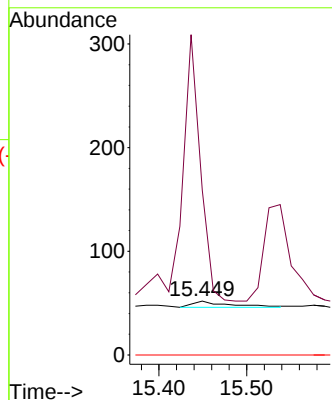
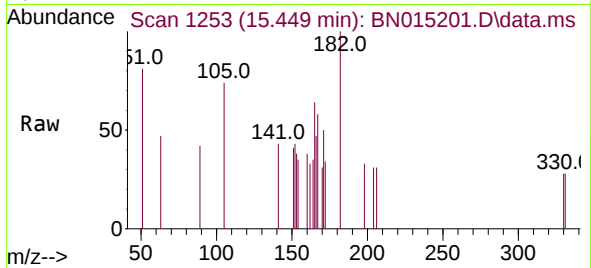




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.449 min Scan# 1253
Delta R.T. -0.039 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

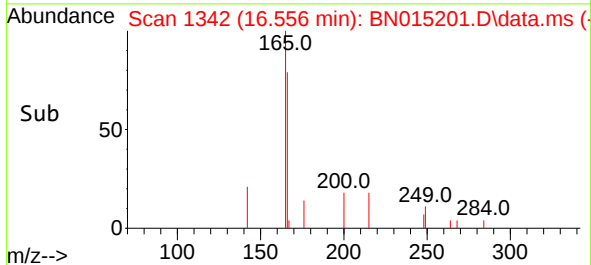
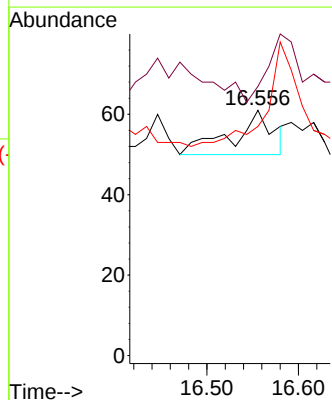
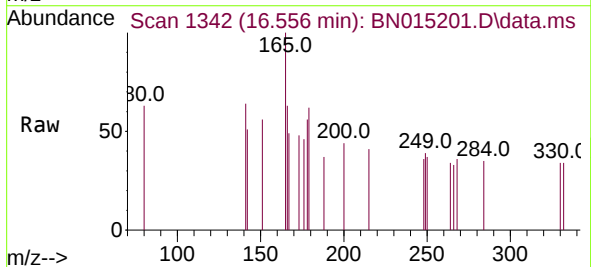
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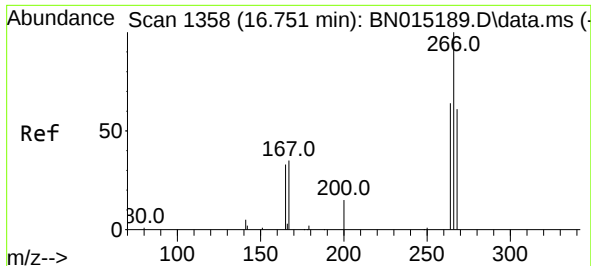
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 305.8 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.556 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion:200 Resp: 34
Ion Ratio Lower Upper
200 100
173 109.8 21.7 32.5#
215 93.4 43.1 64.7#

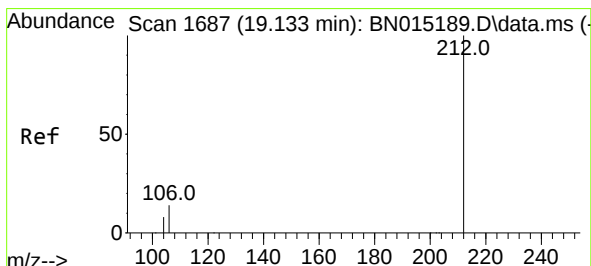
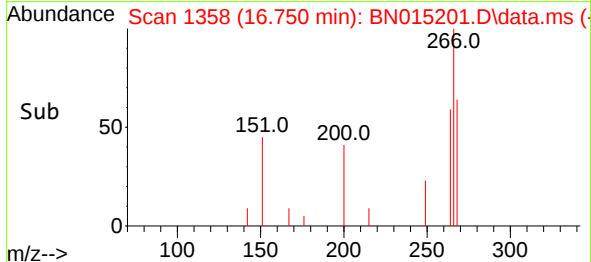
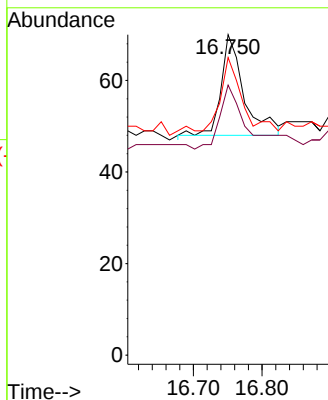
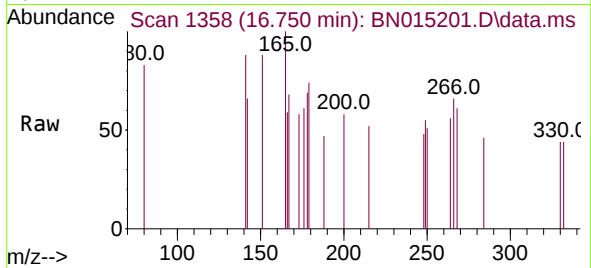




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

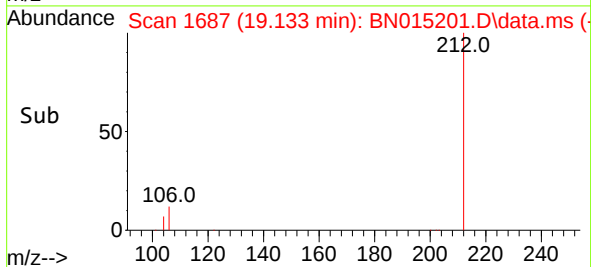
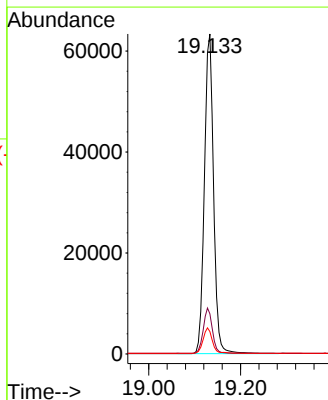
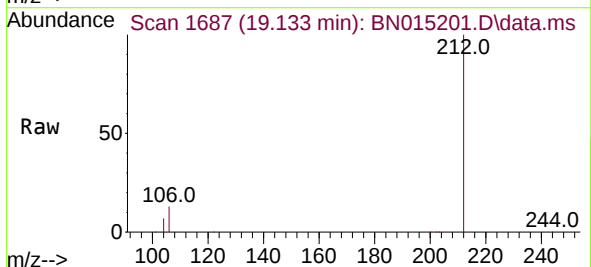
Instrument :
BNA_N
ClientSampleId :
RE134D2-20210617

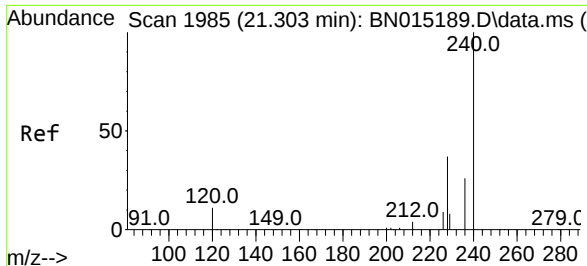
Tgt Ion:	266	Resp:	51
Ion Ratio	Lower	Upper	
266	100		
264	62.7	51.0	76.4
268	64.7	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.133 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion:	212	Resp:	87503
Ion Ratio	Lower	Upper	
212	100		
106	13.9	7.0	10.6#
104	8.1	4.1	6.1#

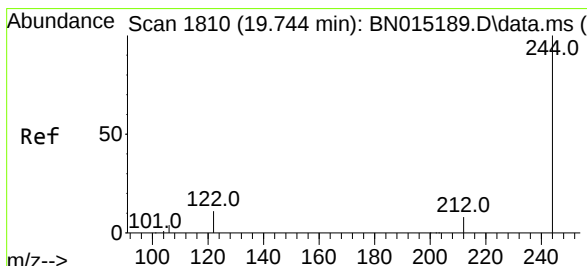
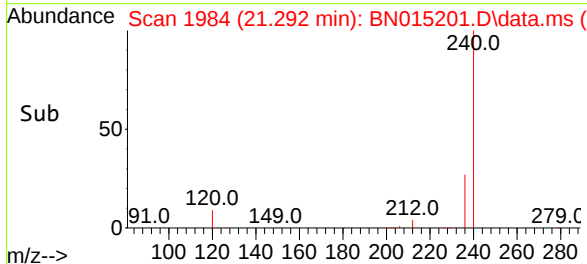
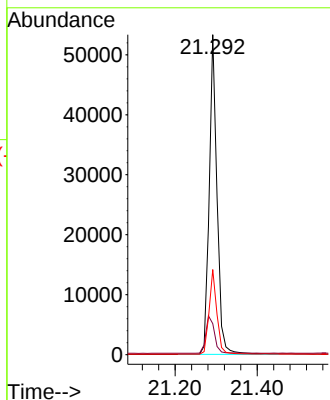
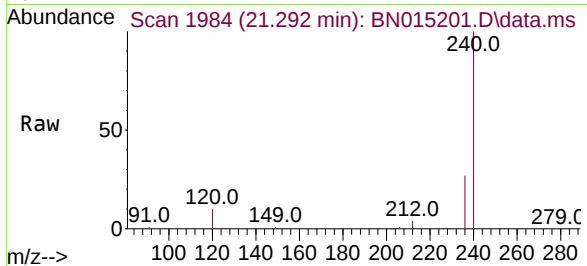




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

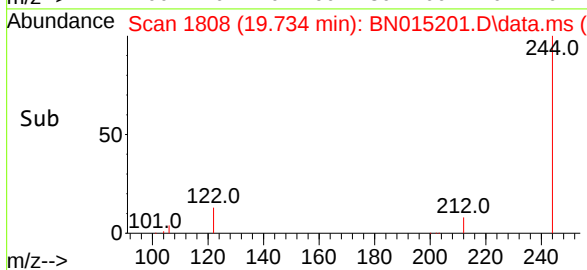
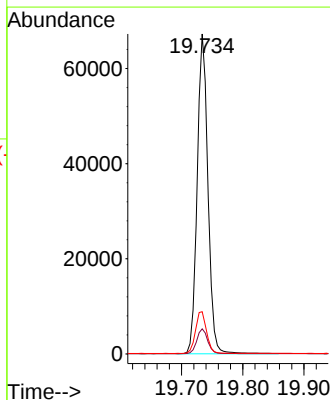
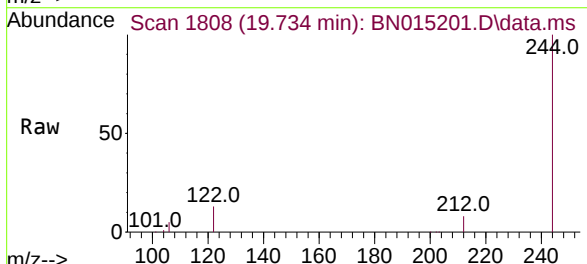
Instrument :
BNA_N
ClientSampleId :
RE134D2-20210617

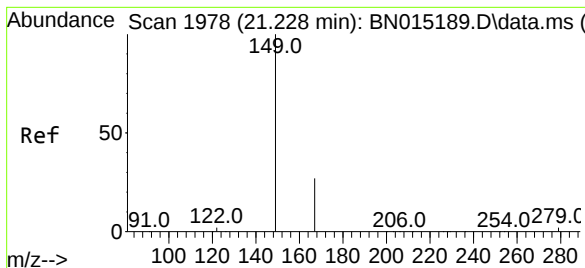
Tgt Ion:240 Resp: 70493
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.4#
236 26.6 21.4 32.2



#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015201.D
Acq: 30 Jun 2021 00:33

Tgt Ion:244 Resp: 81566
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 13.2 6.2 9.2#

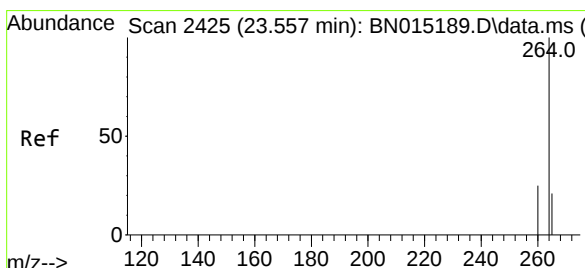
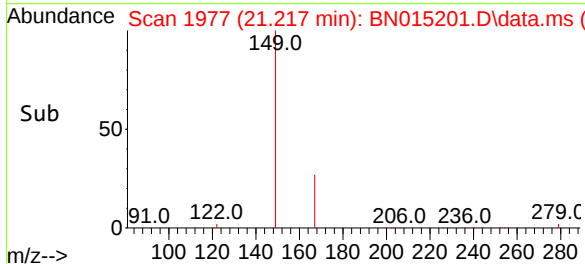
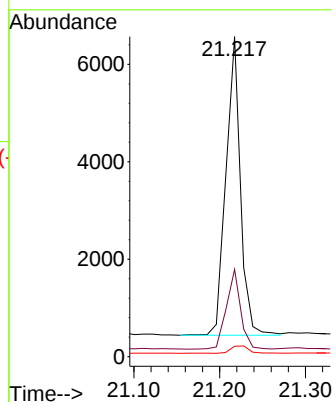
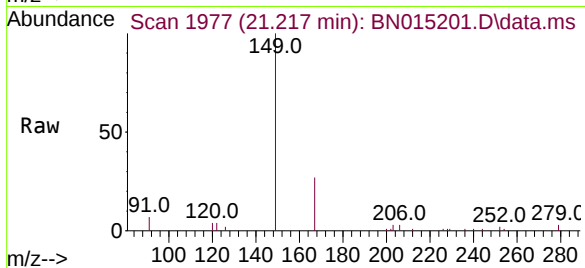




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.217 min Scan# 1977
 Delta R.T. -0.011 min
 Lab File: BN015201.D
 Acq: 30 Jun 2021 00:33

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210617

Tgt Ion:149 Resp: 7182
 Ion Ratio Lower Upper
 149 100
 167 26.3 28.9 43.3#
 279 3.0 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.018 min
 Lab File: BN015201.D
 Acq: 30 Jun 2021 00:33

Tgt Ion:264 Resp: 59583
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 31.0
 265 23.8 21.4 32.2

