

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015362.D
 Acq On : 07 Jul 2021 06:38
 Operator : CG/JU
 Sample : M2923-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 07 07:35:58 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)

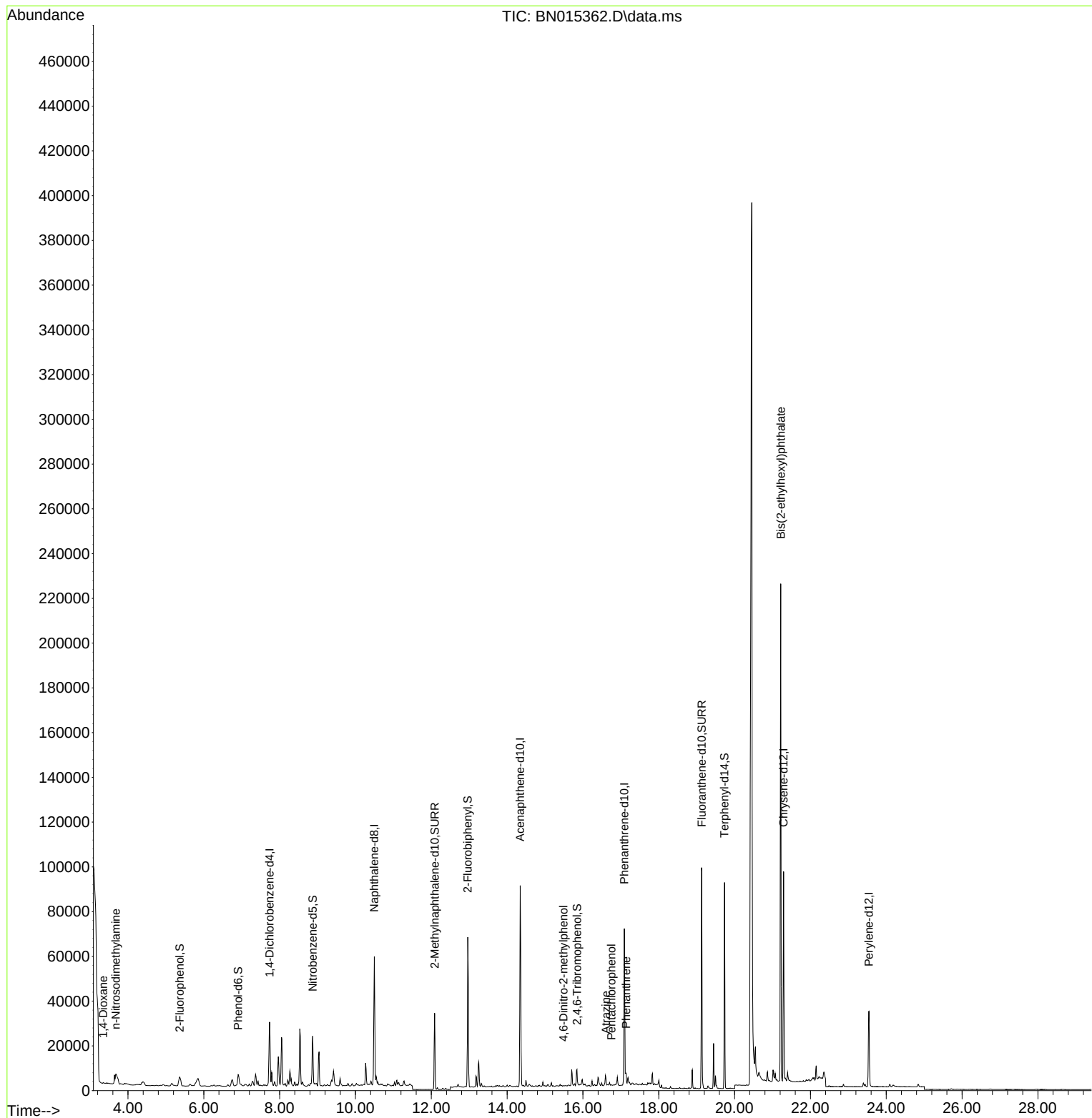
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	16250	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	76065	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	44678	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	89312	0.40	ng	0.00
29) Chrysene-d12	21.291	240	81167	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	44595	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	7569	0.18	ng	0.00
5) Phenol-d6	6.905	99	5573	0.11	ng	0.00
8) Nitrobenzene-d5	8.873	82	19728	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	44645	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	6099	0.54	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	60799	0.33	ng	0.00
27) Fluoranthene-d10	19.132	212	112260	0.43	ng	0.00
31) Terphenyl-d14	19.733	244	88238	0.46	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.345	88	198	0.03	ng	# 26
3) n-Nitrosodimethylamine	3.677	42	834	0.06	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.487	198	153	0.29	ng	# 84
23) Atrazine	16.604	200	360	0.18	ng	# 71
24) Pentachlorophenol	16.750	266	131	0.25	ng	94
25) Phenanthrene	17.139	178	6312	0.02	ng	97
34) Bis(2-ethylhexyl)phtha...	21.217	149	202236	1.82	ng	# 88

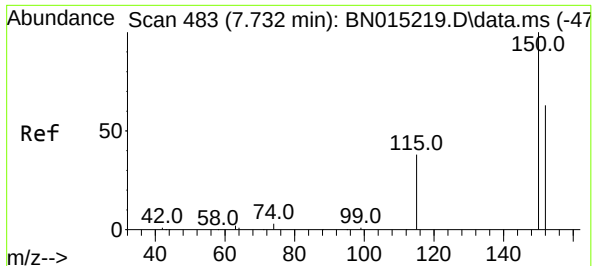
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
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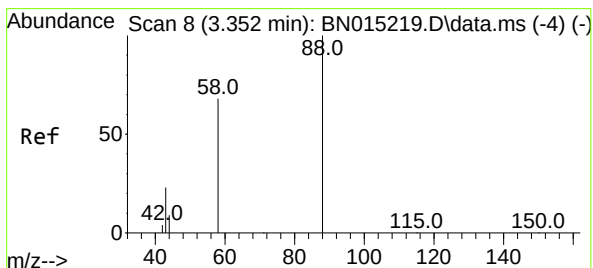
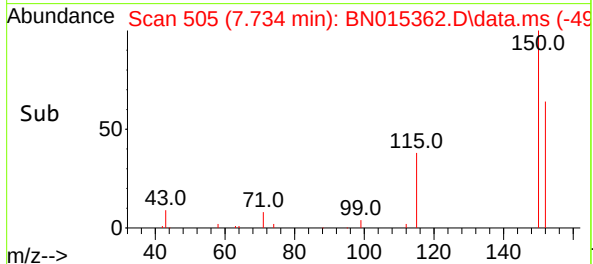
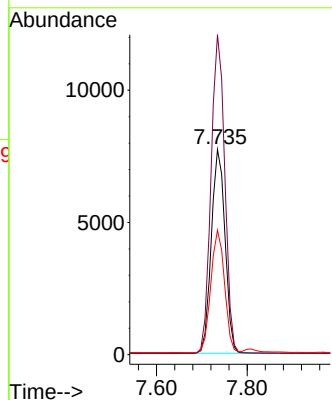
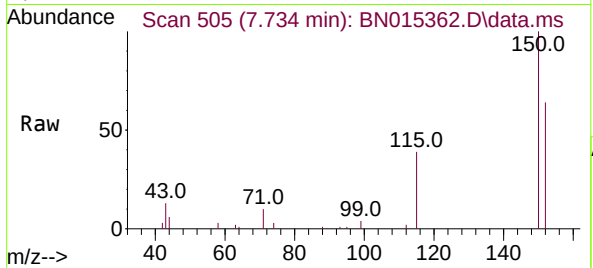




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015362.D
 Acq: 07 Jul 2021 06:38

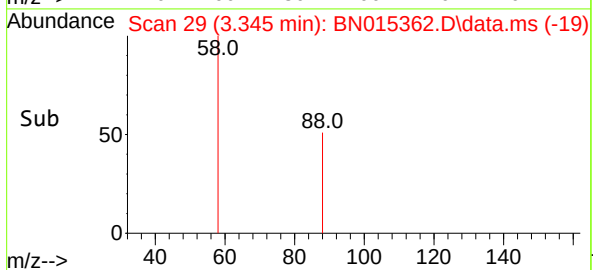
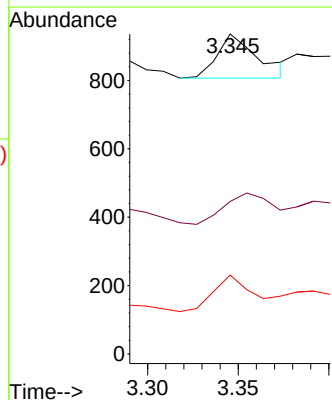
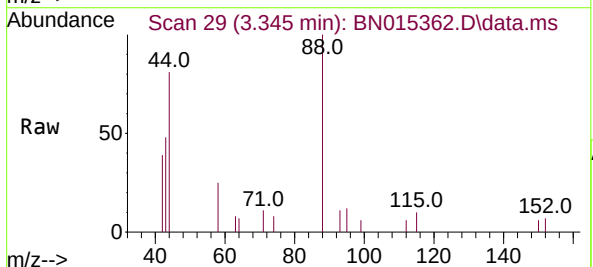
Instrument :
 BNA_N
 ClientSampled :

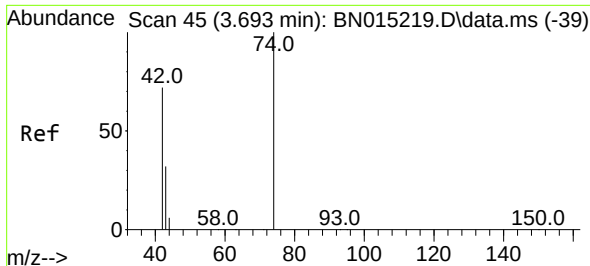
Tgt Ion:152 Resp: 16250
 Ion Ratio Lower Upper
 152 100
 150 155.9 119.0 178.6
 115 60.6 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015362.D
 Acq: 07 Jul 2021 06:38

Tgt Ion: 88 Resp: 198
 Ion Ratio Lower Upper
 88 100
 43 84.8 12.9 19.3#
 58 77.3 38.1 57.1#

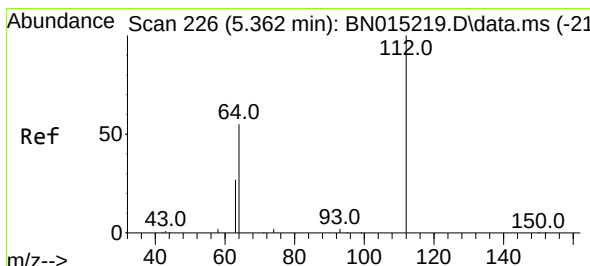
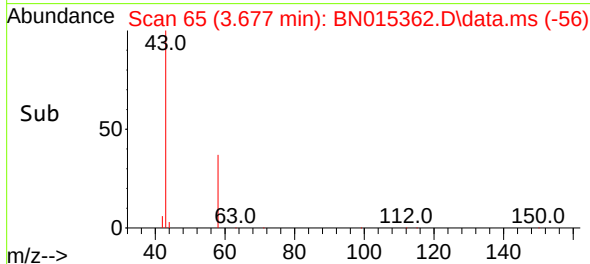
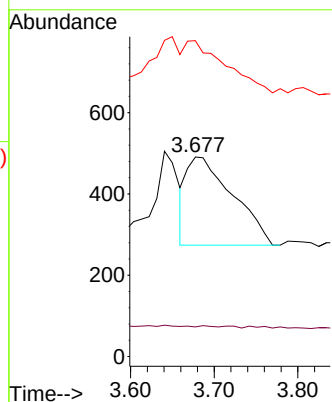
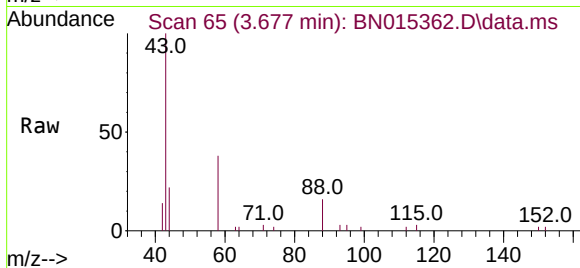




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.677 min Scan# 65
Delta R.T. -0.016 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

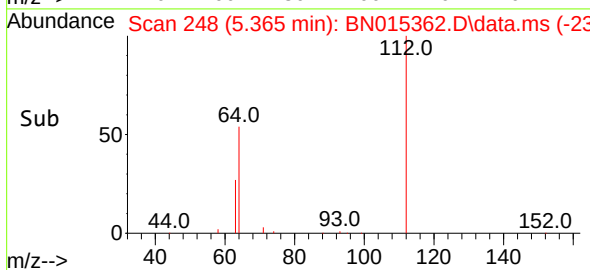
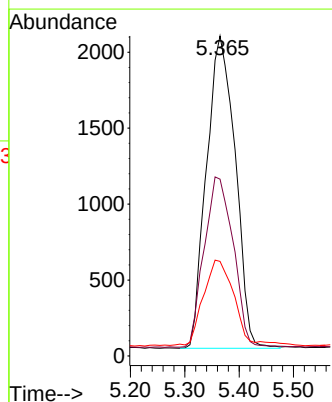
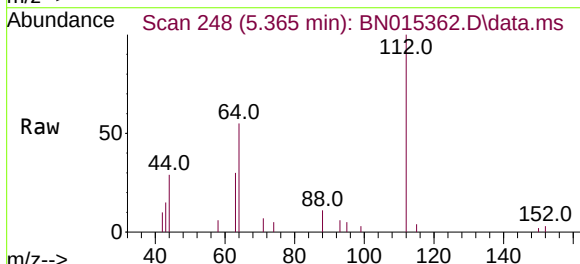
Instrument :
BNA_N
ClientSampleId :

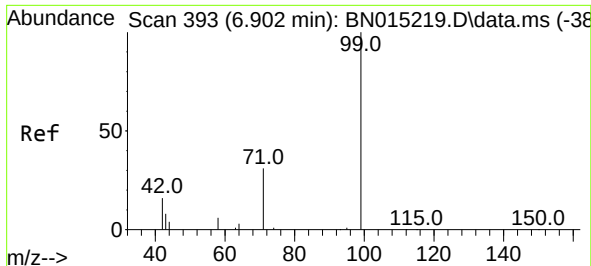
Tgt Ion: 42 Resp: 834
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion: 112 Resp: 7569
Ion Ratio Lower Upper
112 100
64 55.0 39.0 58.6
63 28.4 20.6 30.8

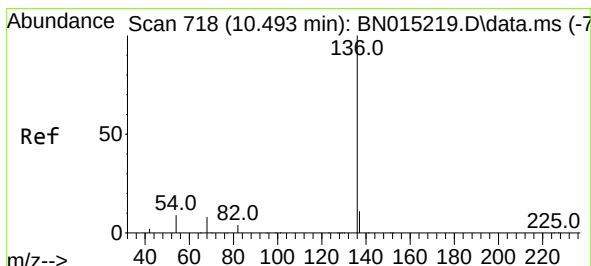
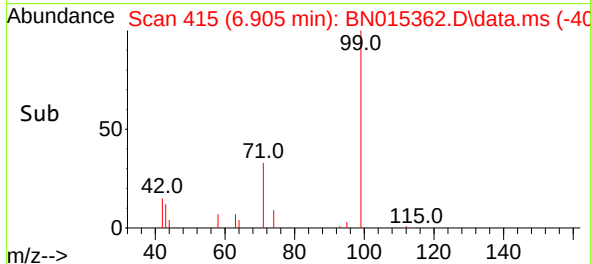
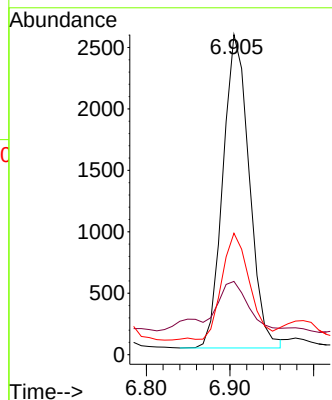
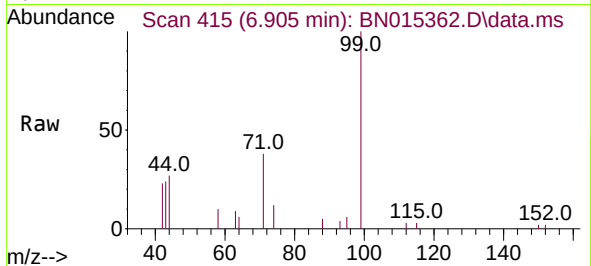




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

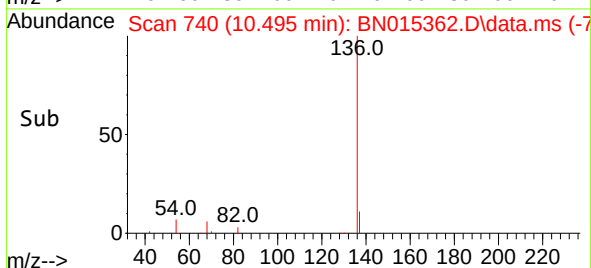
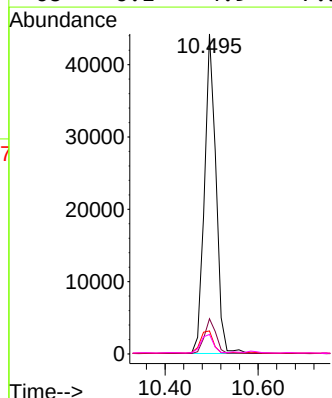
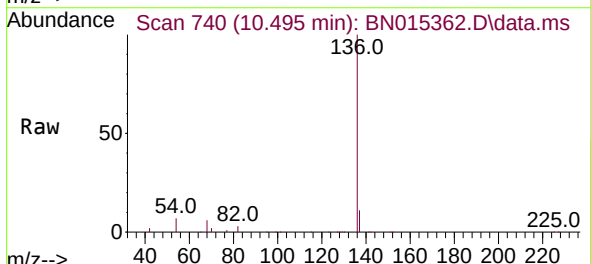
Instrument :
BNA_N
ClientSampled :

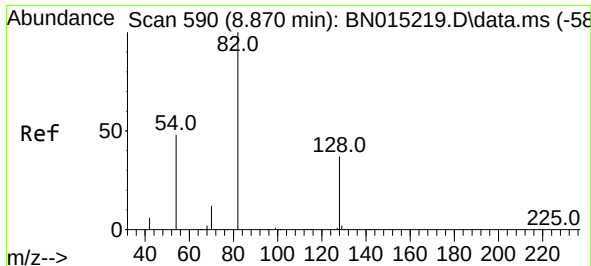
Tgt Ion: 99 Resp: 5573
Ion Ratio Lower Upper
99 100
42 16.2 8.9 13.3#
71 36.3 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion: 136 Resp: 76065
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.2 5.4 8.2
68 6.1 4.9 7.3

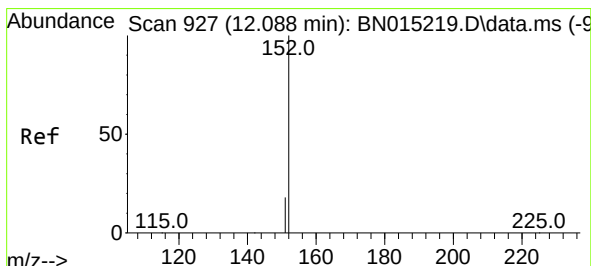
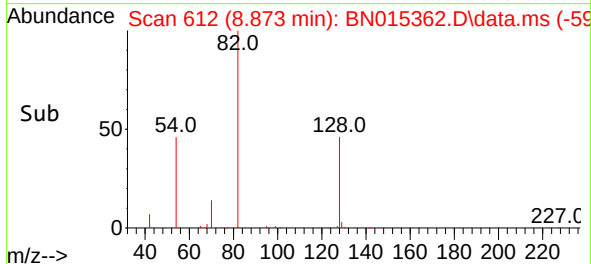
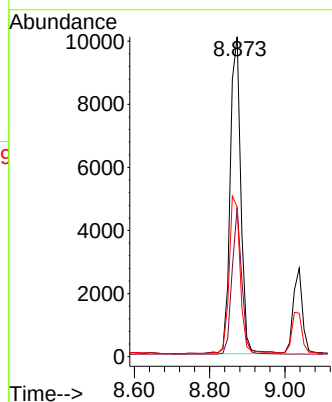
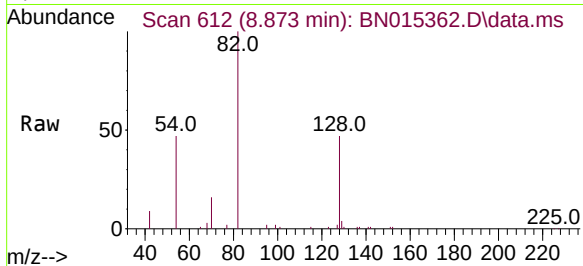




#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

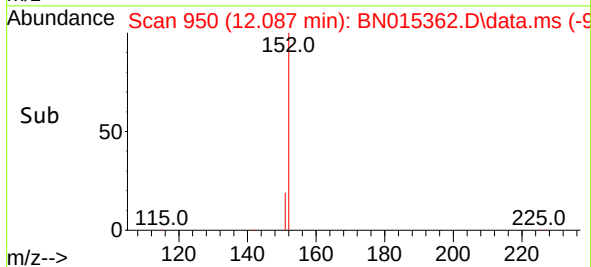
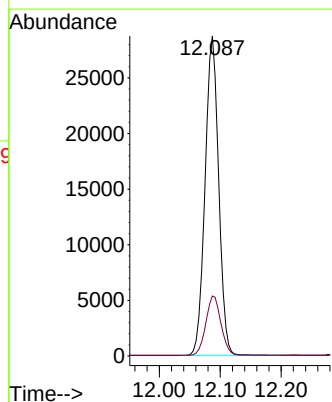
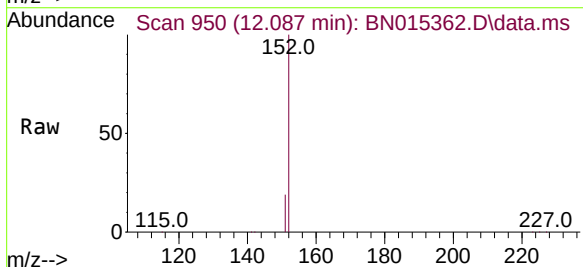
Instrument :
BNA_N
ClientSampleId :

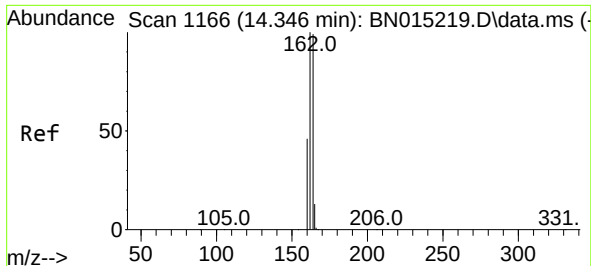
Tgt Ion: 82 Resp: 19728
Ion Ratio Lower Upper
82 100
128 46.6 31.6 47.4
54 46.8 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion: 152 Resp: 44645
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

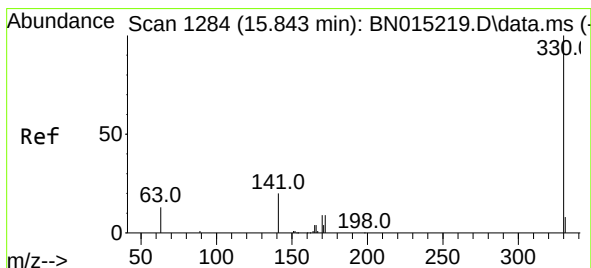
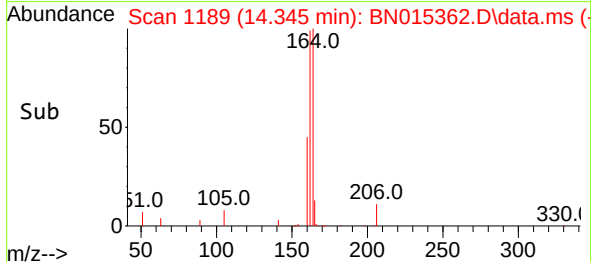
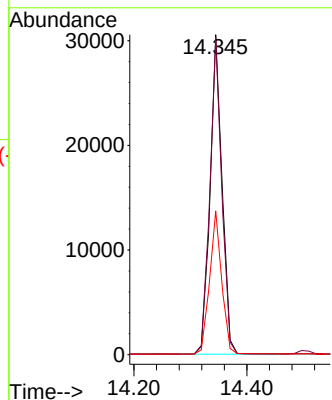
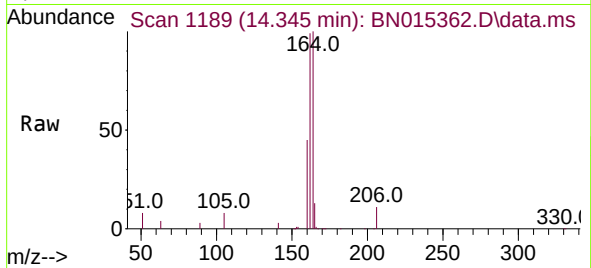




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

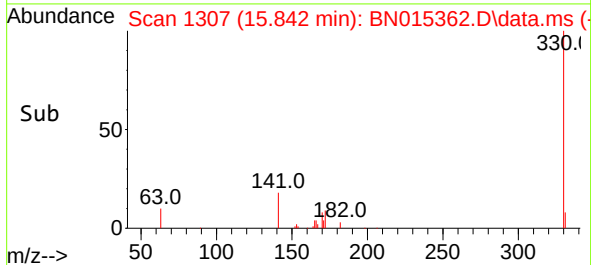
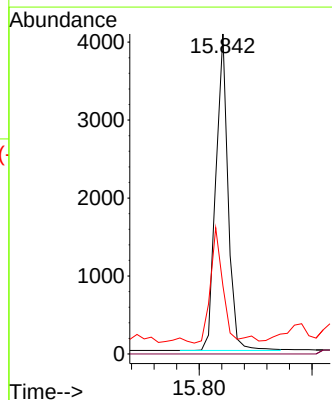
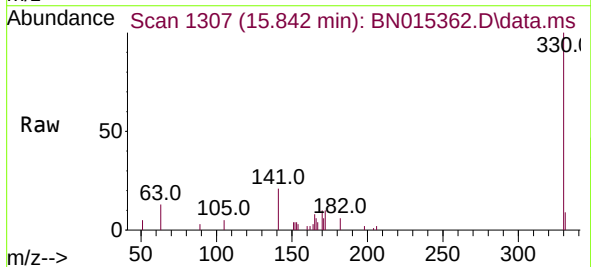
Instrument :
BNA_N
ClientSampleId :

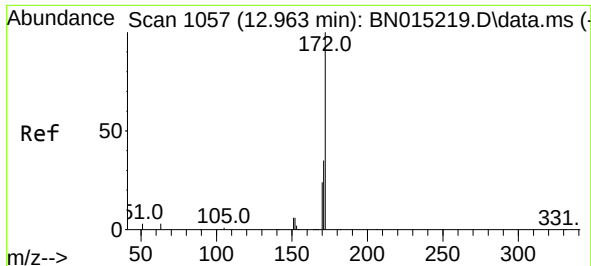
Tgt Ion:164 Resp: 44678
Ion Ratio Lower Upper
164 100
162 99.2 83.8 125.6
160 44.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion:330 Resp: 6099
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.8 22.4 33.6#

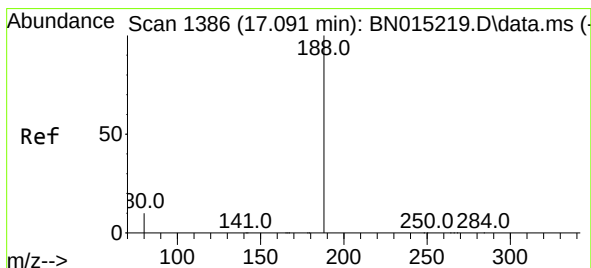
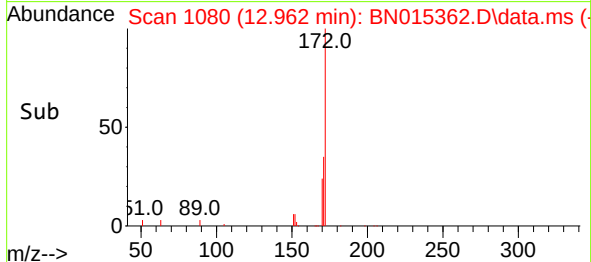
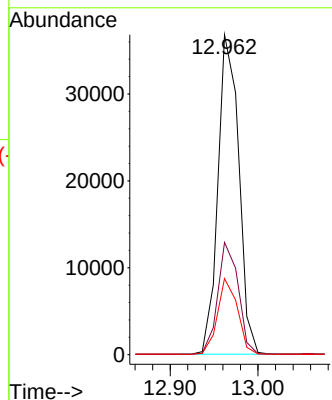
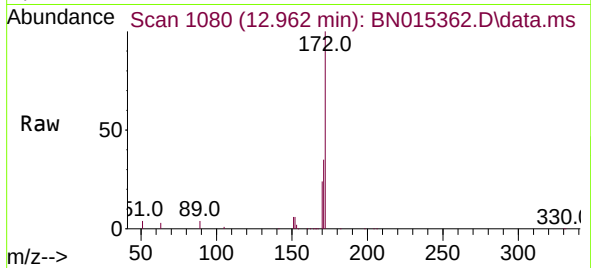




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

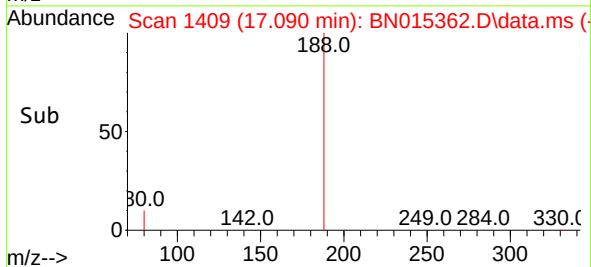
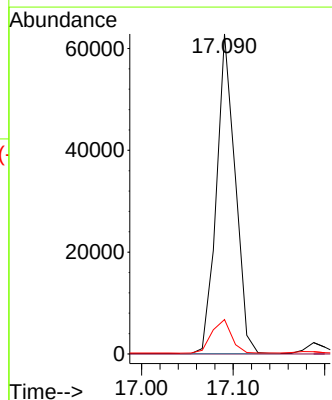
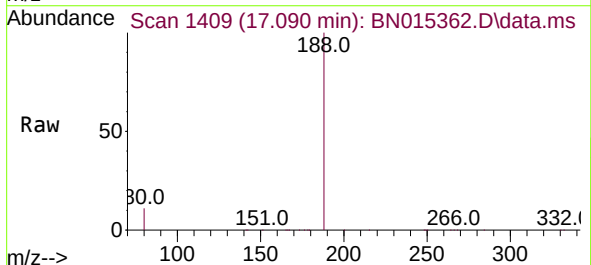
Instrument :
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ClientSampleId :

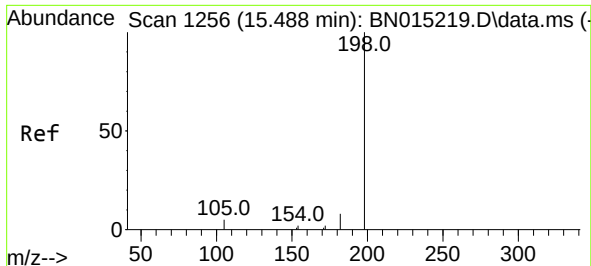
Tgt Ion:172 Resp: 60799
Ion Ratio Lower Upper
172 100
171 35.1 30.6 45.8
170 23.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion:188 Resp: 89312
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.0 13.4

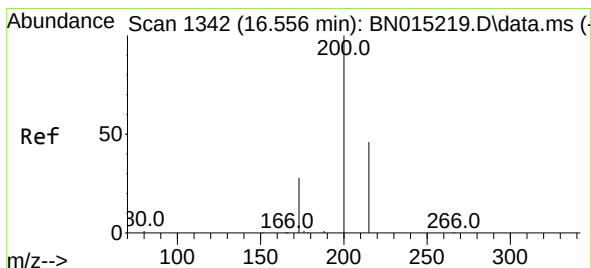
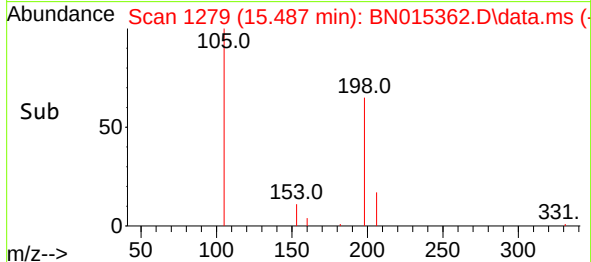
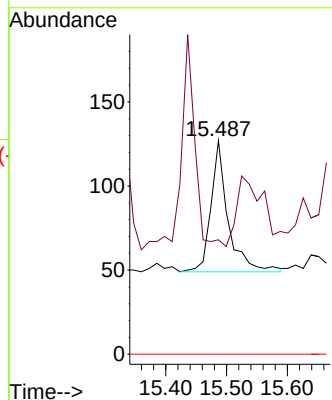
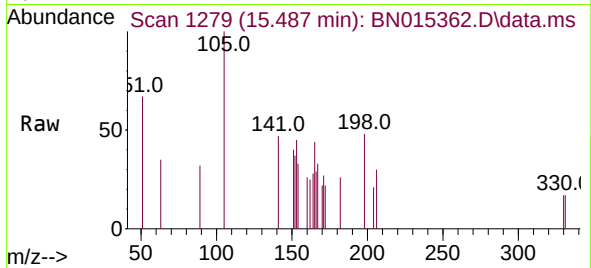




#20
4,6-Dinitro-2-methylphenol
Concen: 0.29 ng
RT: 15.487 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

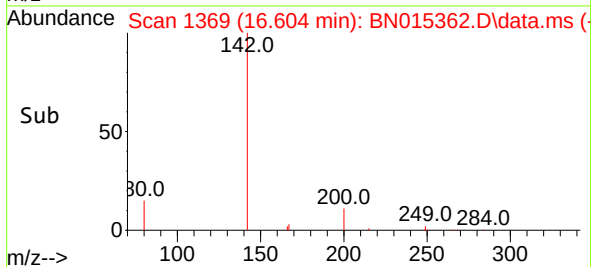
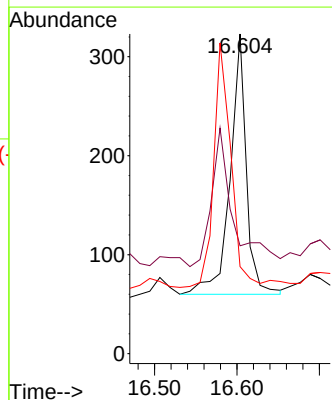
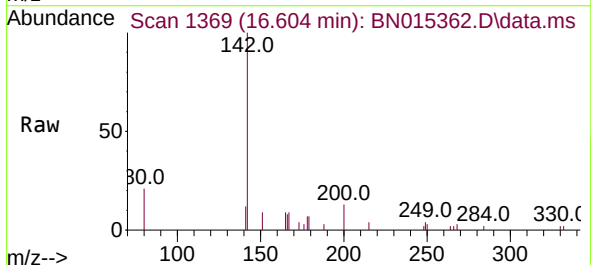
Instrument :
BNA_N
ClientSampleId :

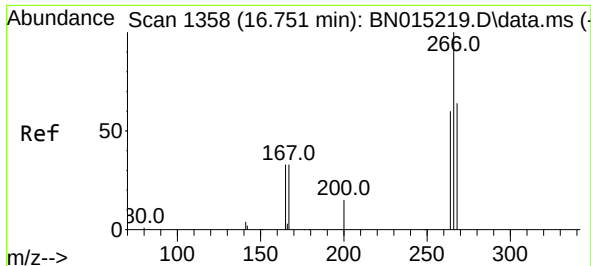
Tgt Ion:198 Resp: 153
Ion Ratio Lower Upper
198 100
182 53.5 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.18 ng
RT: 16.604 min Scan# 1369
Delta R.T. 0.048 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion:200 Resp: 360
Ion Ratio Lower Upper
200 100
173 33.7 21.7 32.5#
215 27.2 43.1 64.7#

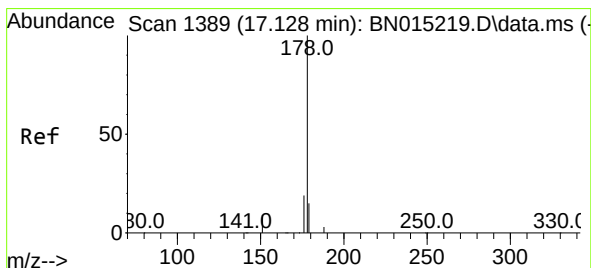
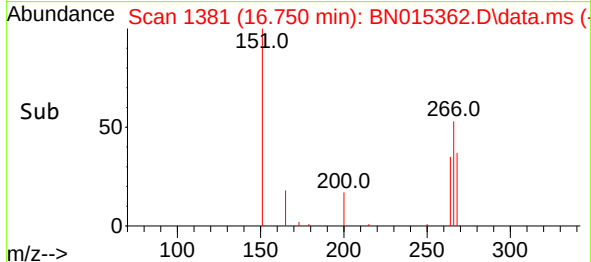
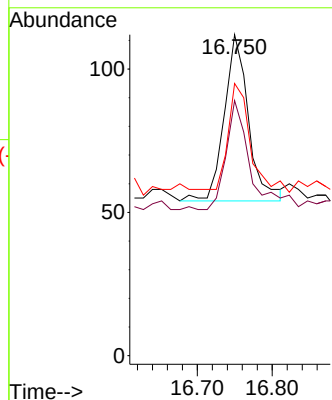
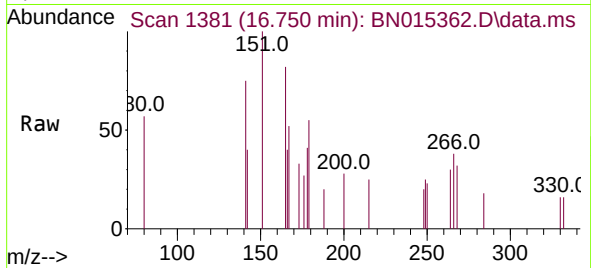




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

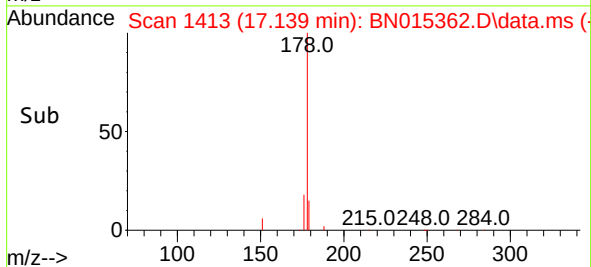
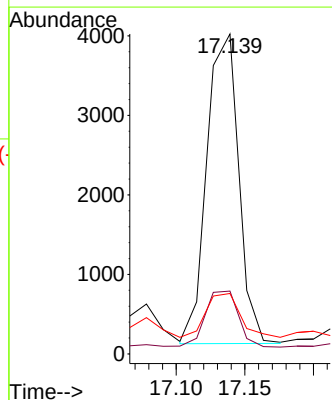
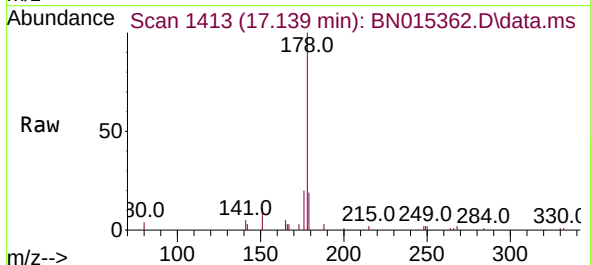
Instrument :
BNA_N
ClientSampleId :

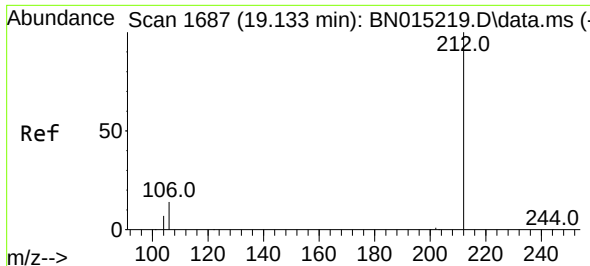
Tgt Ion:266 Resp: 131
Ion Ratio Lower Upper
266 100
264 68.7 51.0 76.4
268 59.5 50.6 76.0



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.011 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion:178 Resp: 6312
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 16.1 12.1 18.1

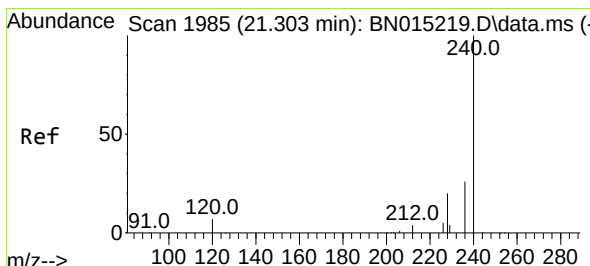
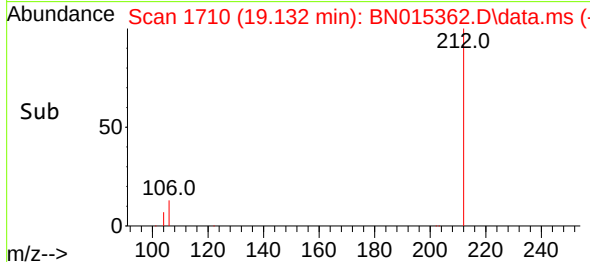
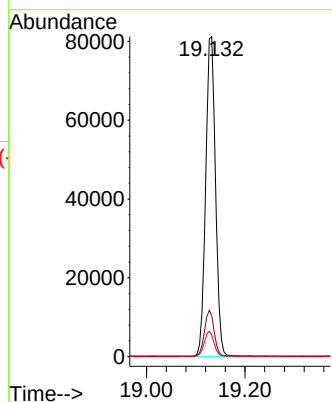
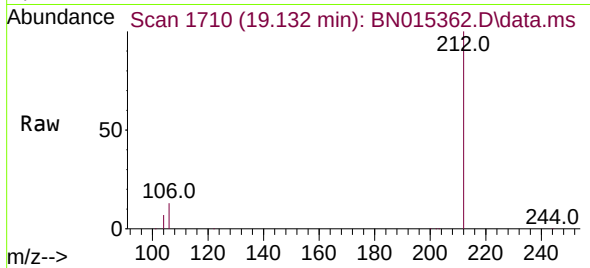




#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

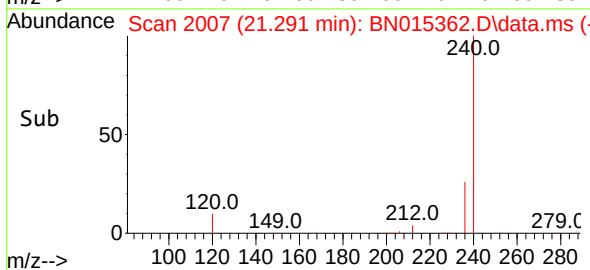
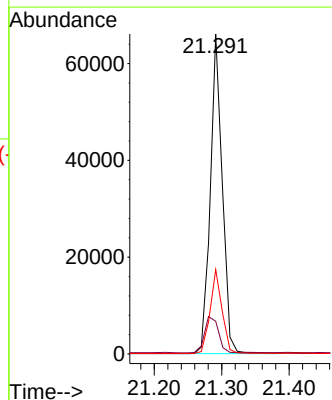
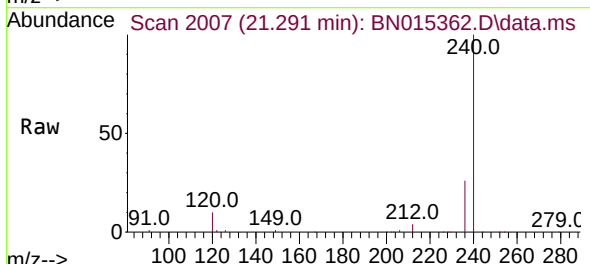
Instrument :
BNA_N
ClientSampleId :

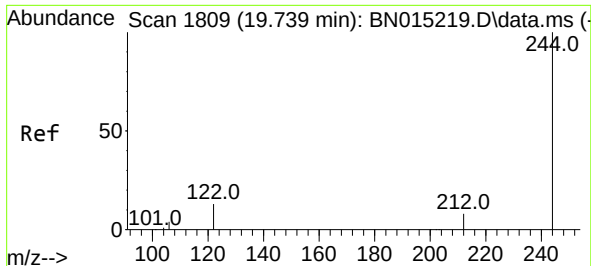
Tgt Ion:212 Resp: 112260
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Tgt Ion:240 Resp: 81167
Ion Ratio Lower Upper
240 100
120 10.2 4.2 6.4#
236 26.4 21.4 32.2

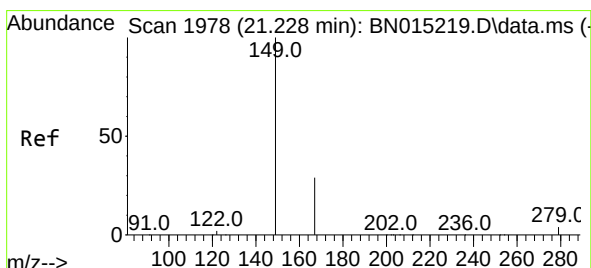
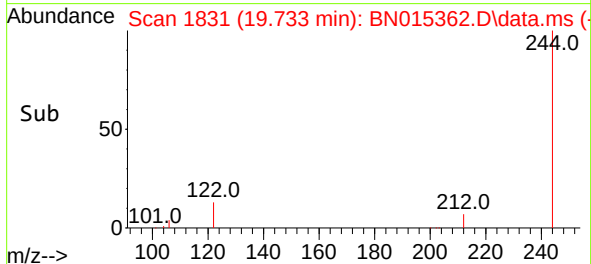
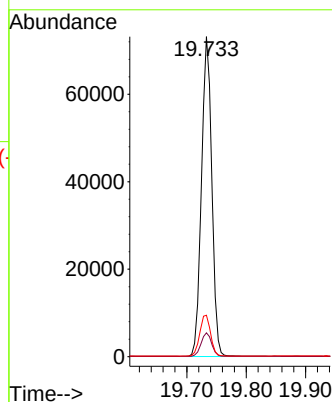
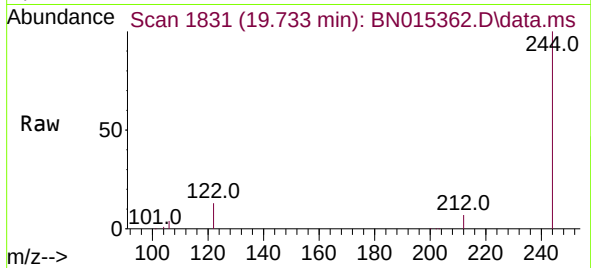




#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

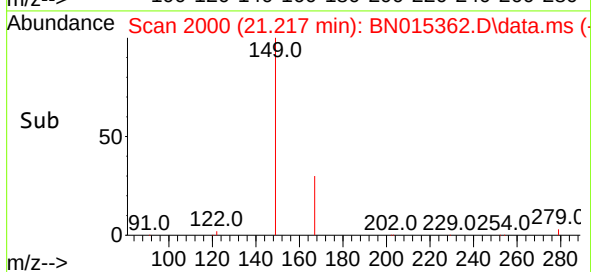
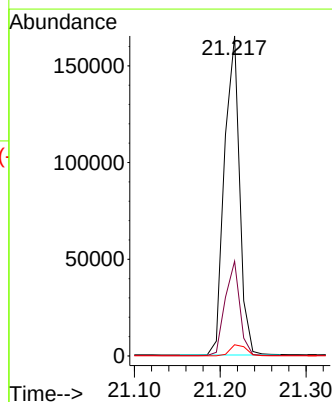
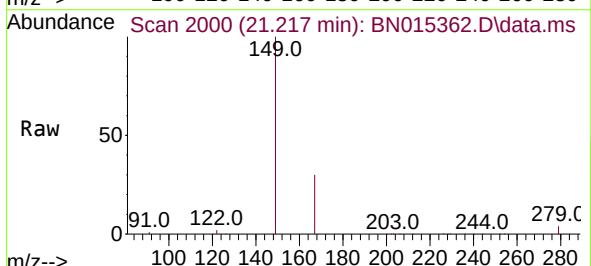
Instrument :
BNA_N
ClientSampleId :

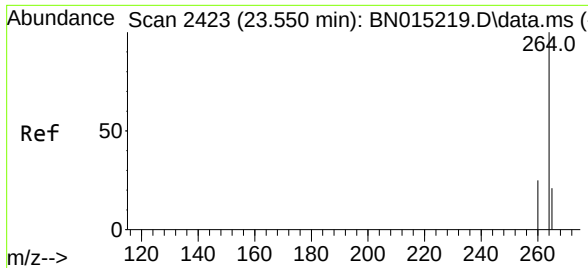
Tgt Ion:244 Resp: 88238
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 12.9 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.82 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

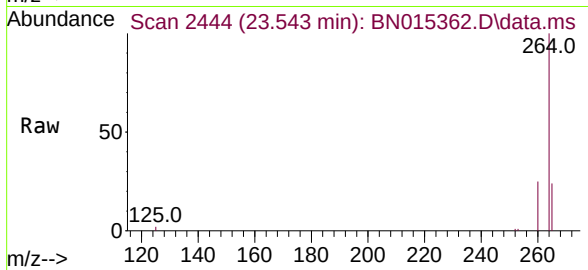
Tgt Ion:149 Resp: 202236
Ion Ratio Lower Upper
149 100
167 28.6 28.9 43.3#
279 3.7 4.9 7.3#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.543 min Scan# 2444
Delta R.T. -0.007 min
Lab File: BN015362.D
Acq: 07 Jul 2021 06:38

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 44595
Ion Ratio Lower Upper
264 100
260 24.8 20.6 31.0
265 24.5 21.4 32.2

