

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016364.D
 Acq On : 21 Sep 2021 04:22
 Operator : CG/JU
 Sample : M3781-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW180D-20210915

Quant Time: Sep 21 05:00:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

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

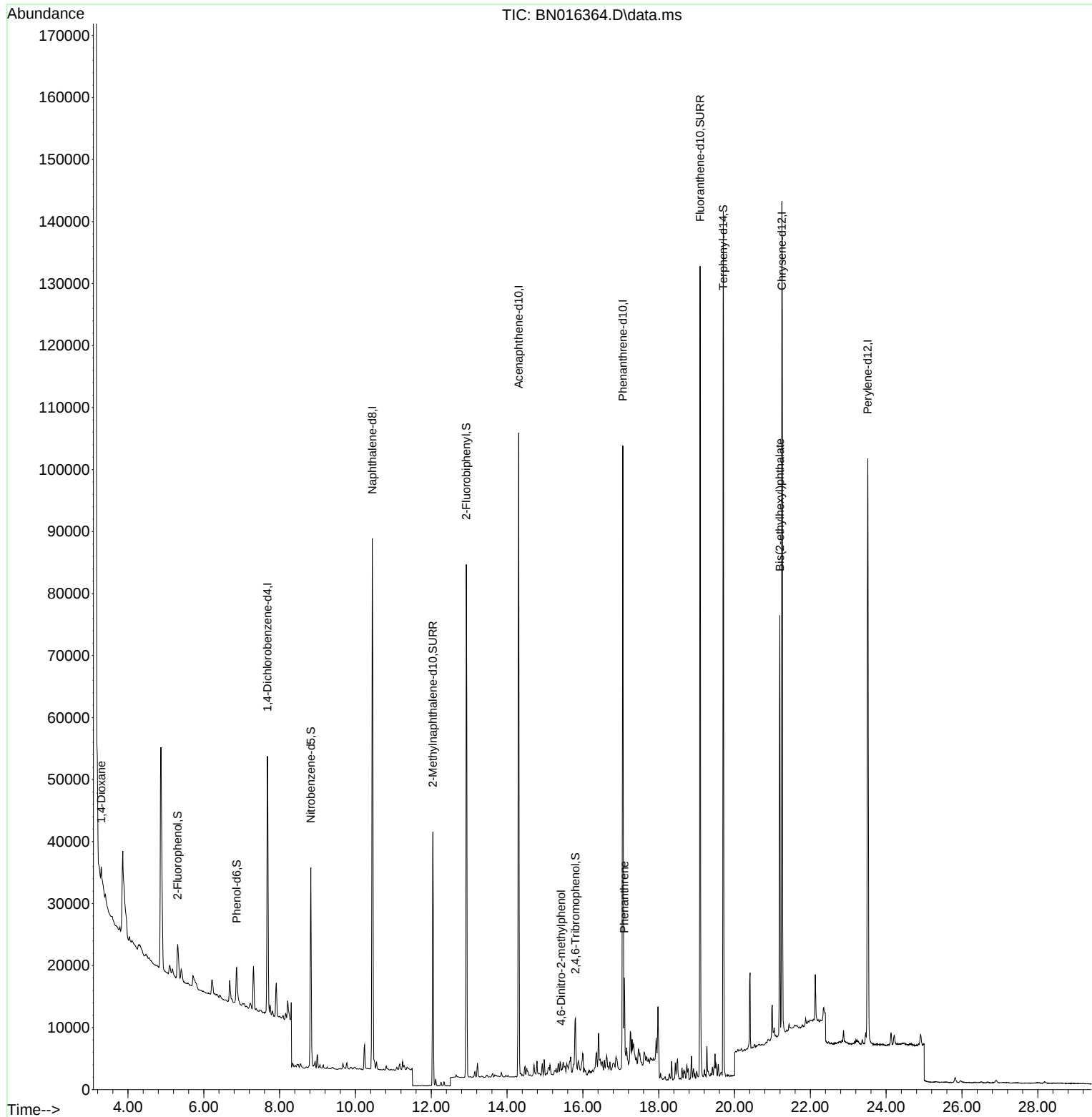
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	24838	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	114076	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	61587	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	129028	0.400	ng	0.00
29) Chrysene-d12	21.249	240	134404	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	122698	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	7783	0.125	ng	0.00
5) Phenol-d6	6.868	99	5257	0.070	ng	0.00
8) Nitrobenzene-d5	8.822	82	24784	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	53599	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6045	0.334	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	74221	0.308	ng	-0.01
27) Fluoranthene-d10	19.093	212	146342	0.392	ng	0.00
31) Terphenyl-d14	19.703	244	134401	0.432	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.299	88	1465	0.142	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.423	198	14	0.148	ng	# 1
25) Phenanthrene	17.091	178	16344	0.045	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.196	149	64666	0.278	ng	98

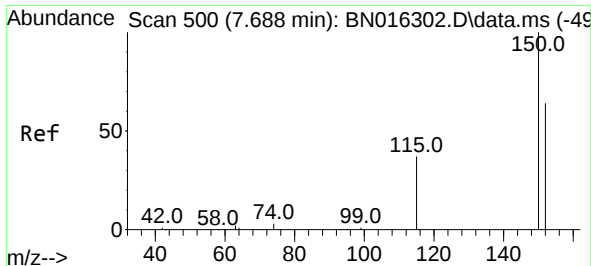
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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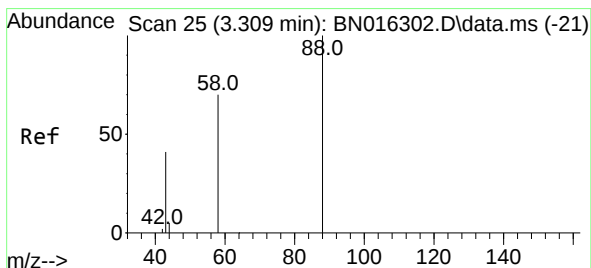
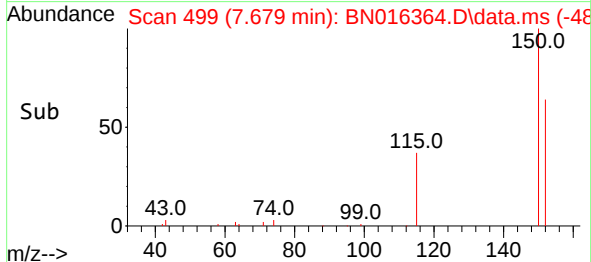
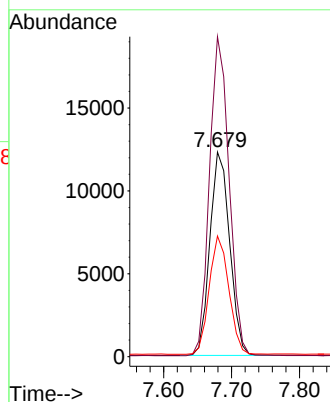
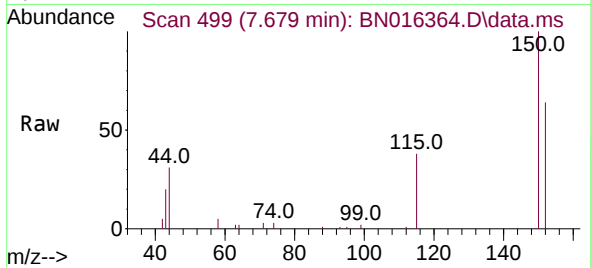




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. -0.009 min
 Lab File: BN016364.D
 Acq: 21 Sep 2021 04:22

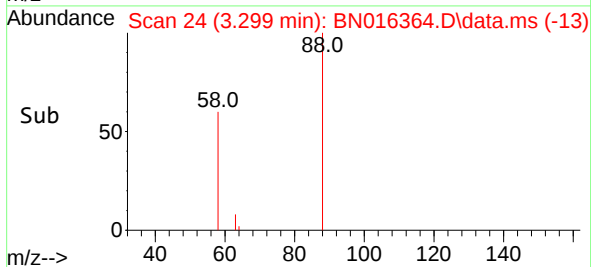
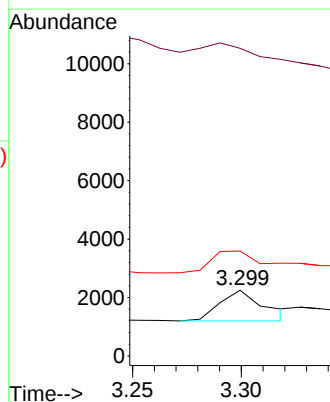
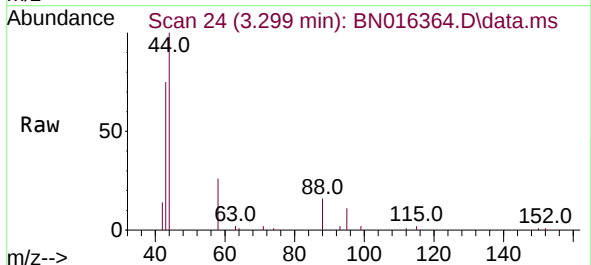
Instrument :
 BNA_N
 ClientSampleId :
 MW180D-20210915

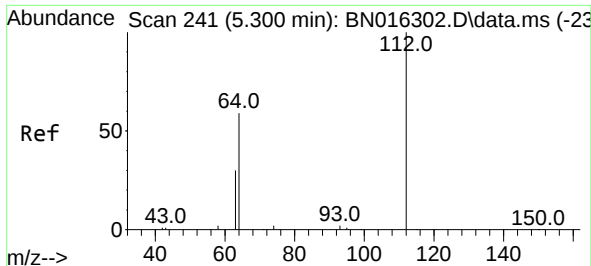
Tgt Ion:152 Resp: 24838
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.6 188.4
 115 59.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.142 ng
 RT: 3.299 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN016364.D
 Acq: 21 Sep 2021 04:22

Tgt Ion: 88 Resp: 1465
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.3 30.5#
 58 96.5 69.9 104.9

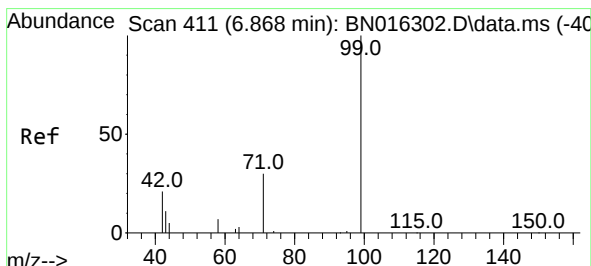
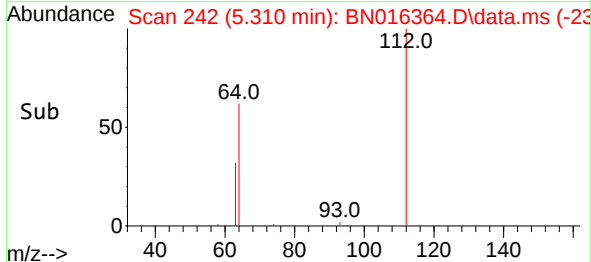
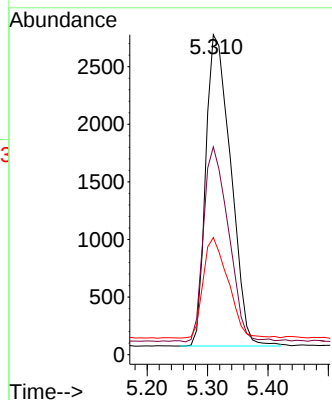
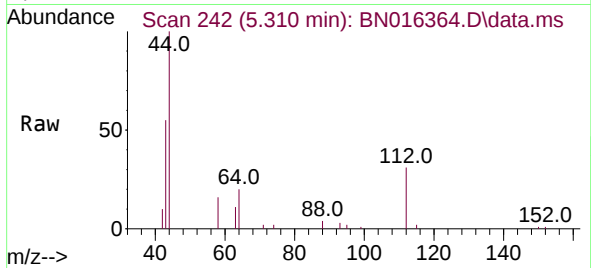




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

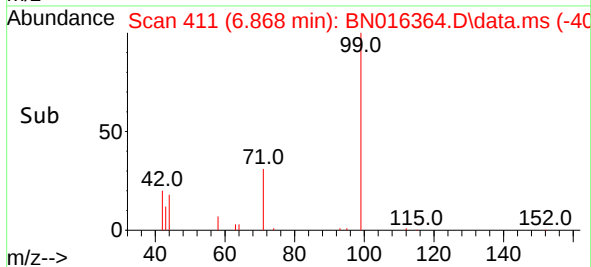
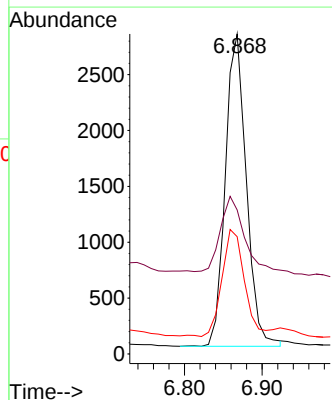
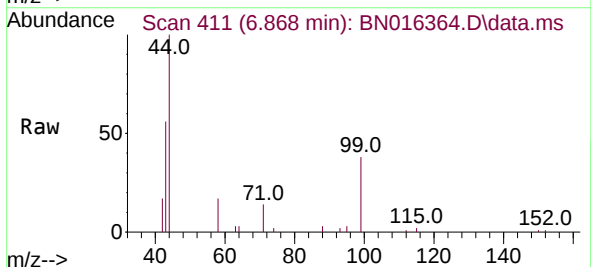
Instrument :
BNA_N
ClientSampleId :
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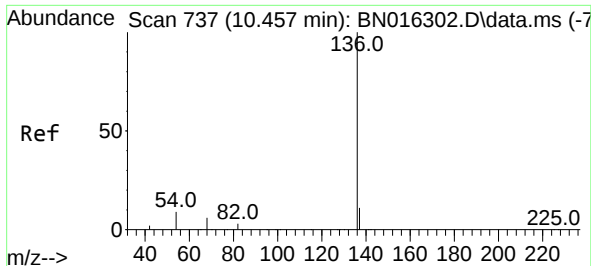
Tgt Ion: 112 Resp: 7783
Ion Ratio Lower Upper
112 100
64 62.1 47.3 70.9
63 32.1 23.4 35.0



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

Tgt Ion: 99 Resp: 5257
Ion Ratio Lower Upper
99 100
42 26.6 14.0 21.0#
71 35.5 23.8 35.6

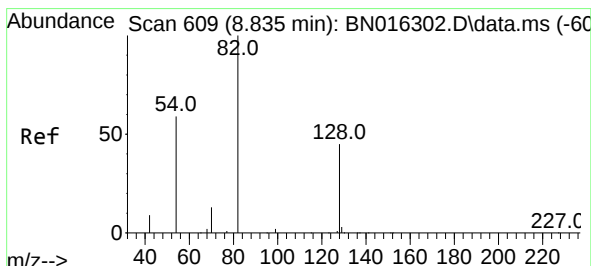
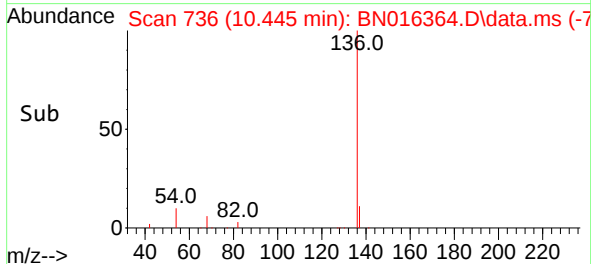
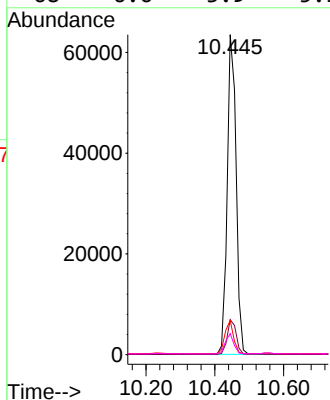
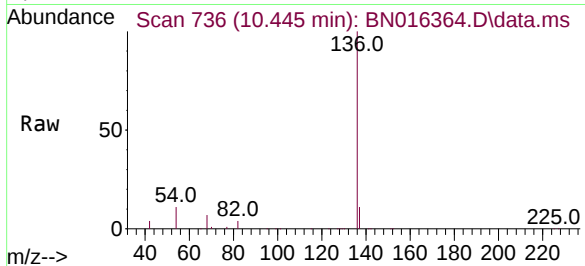




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

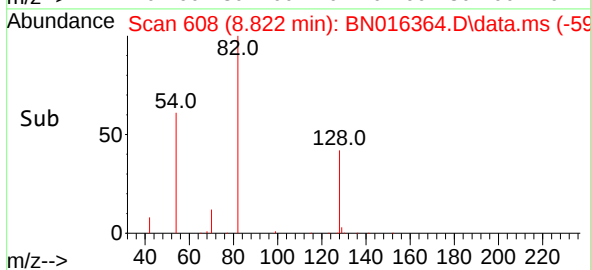
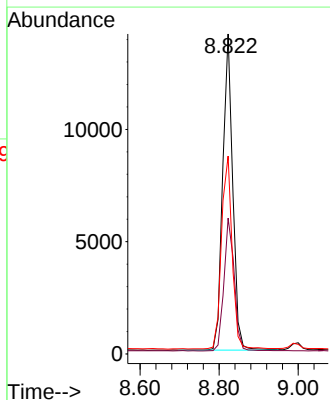
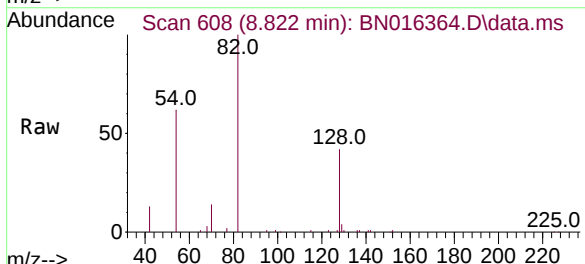
Instrument :
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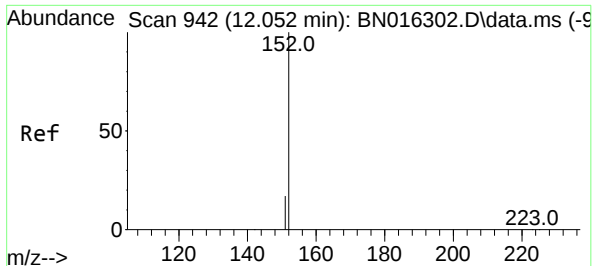
Tgt Ion:	136	Resp:	114076
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.7	5.3	7.9#
68	6.6	3.9	5.9#



#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

Tgt Ion:	82	Resp:	24784
Ion Ratio	Lower	Upper	
82	100		
128	42.4	31.7	47.5
54	61.9	46.4	69.6

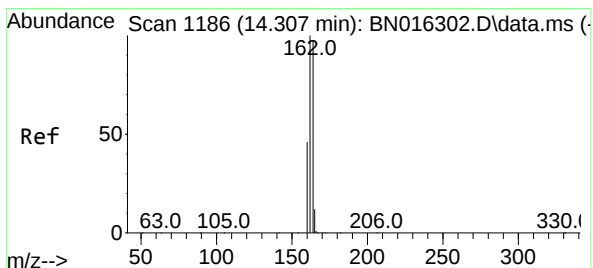
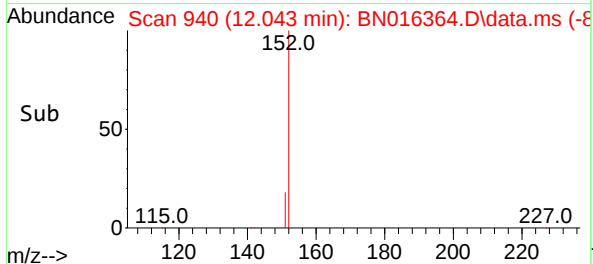
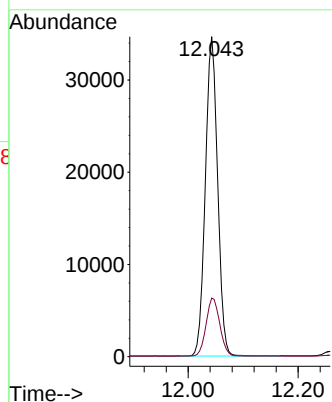
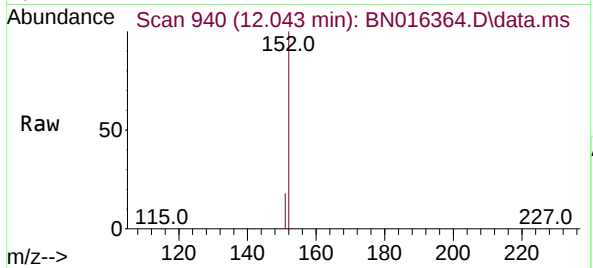




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.043 min Scan# 940
Delta R.T. -0.004 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

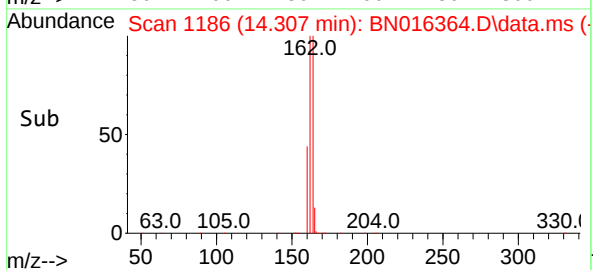
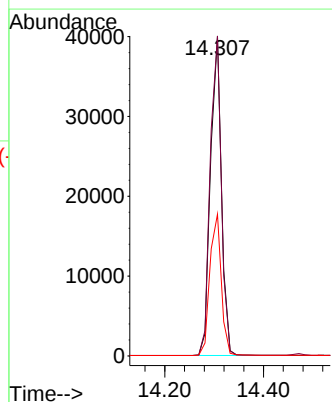
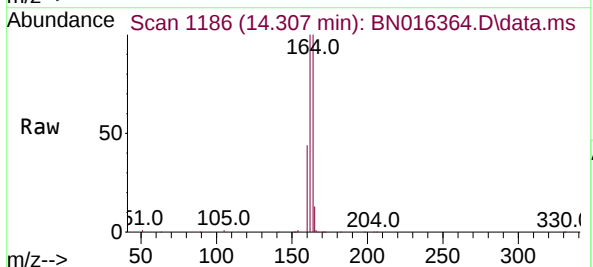
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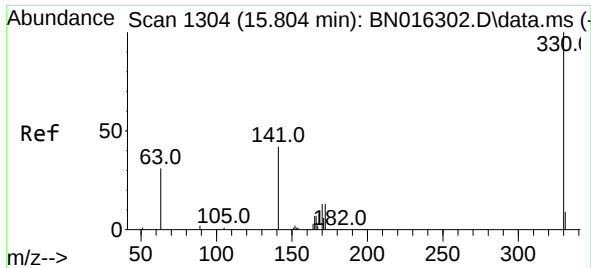
Tgt Ion:152 Resp: 53599
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

Tgt Ion:164 Resp: 61587
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.4
160 44.3 34.1 51.1

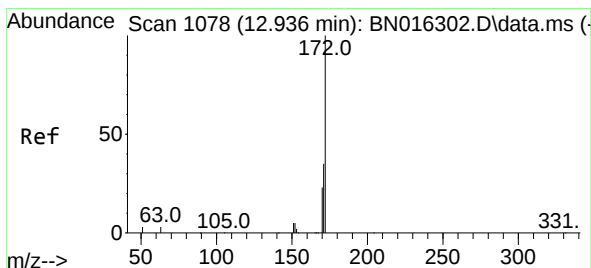
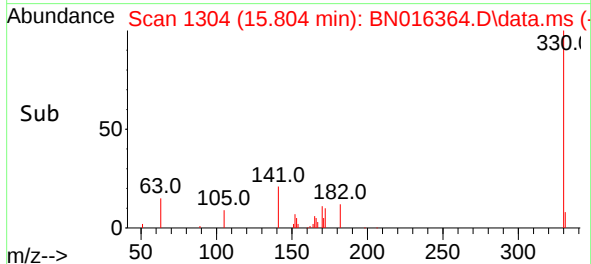
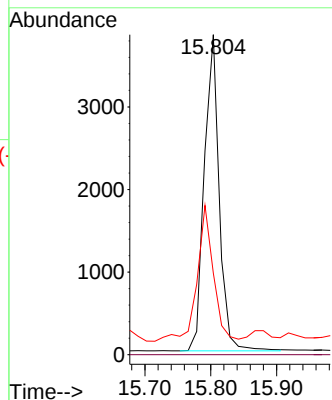
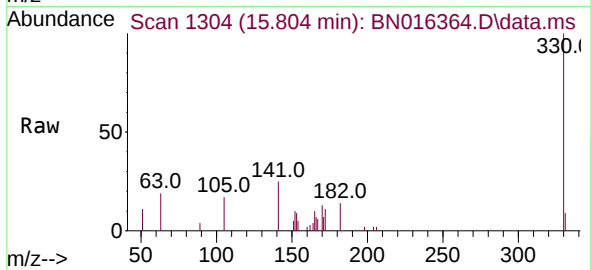




#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

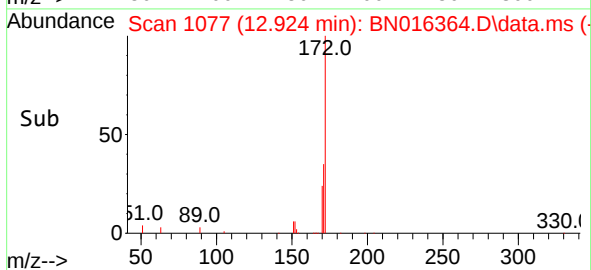
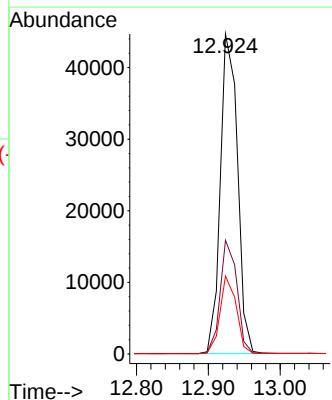
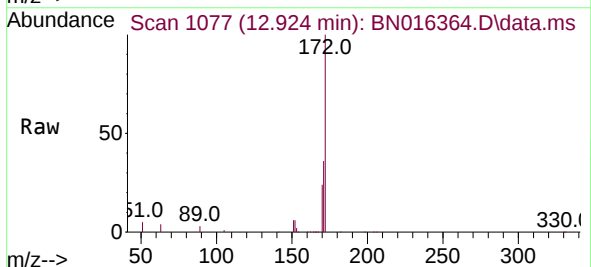
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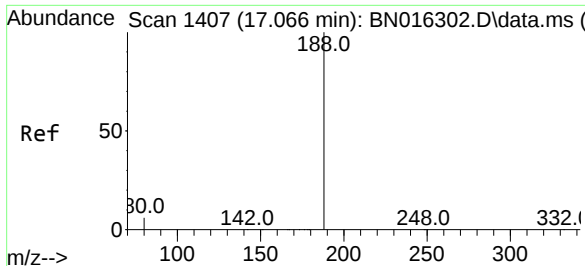
Tgt Ion:330 Resp: 6045
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

Tgt Ion:172 Resp: 74221
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 24.4 18.2 27.2

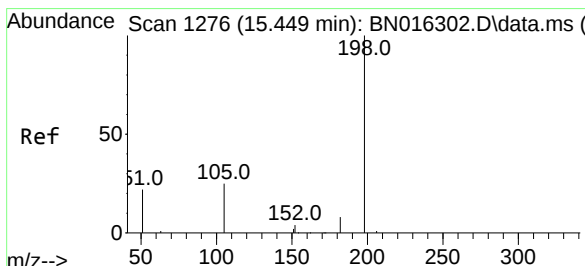
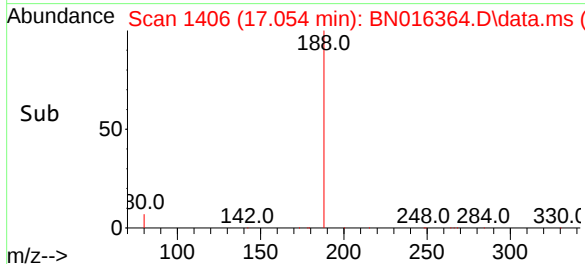
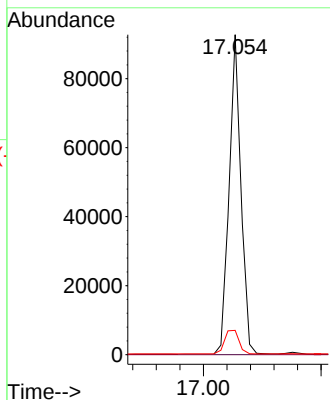
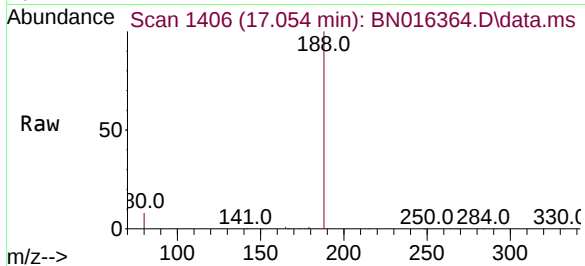




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

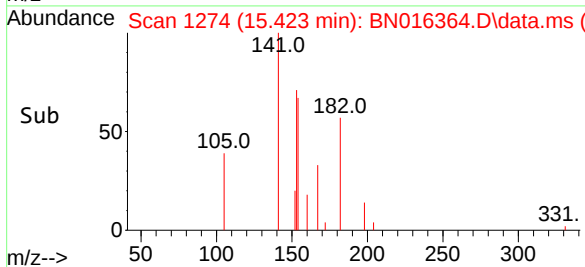
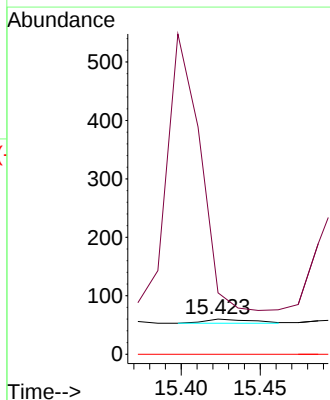
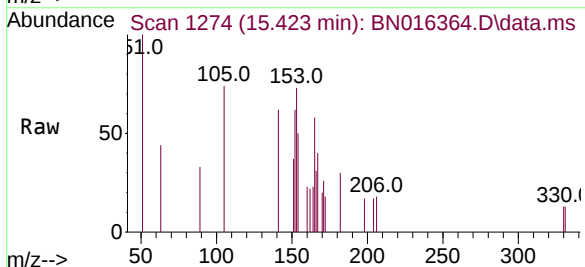
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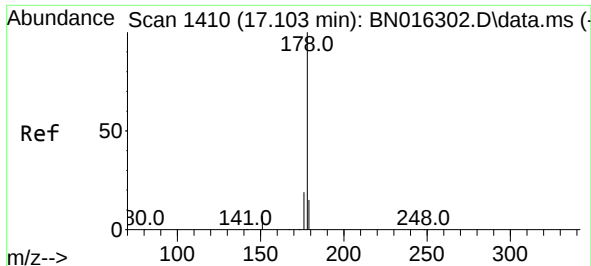
Tgt Ion:188 Resp: 129028
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 175.0 26.6 39.8#
77 0.0 0.0 0.0

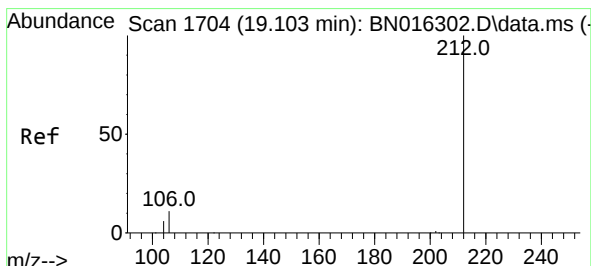
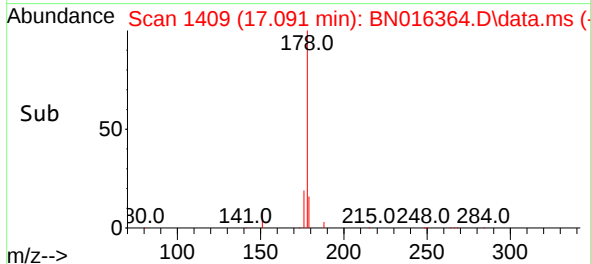
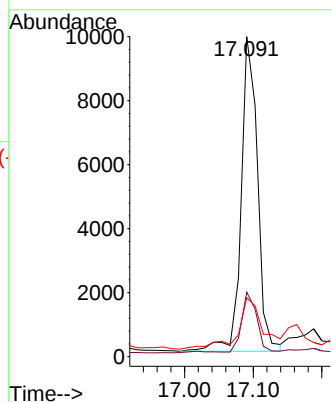
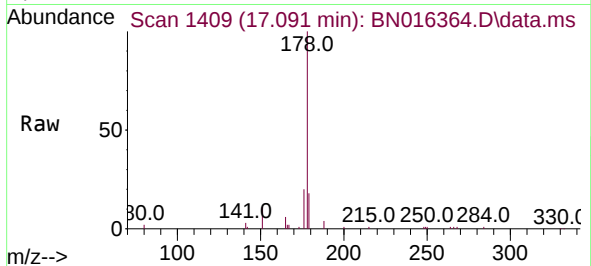




#25
Phenanthrene
Concen: 0.045 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

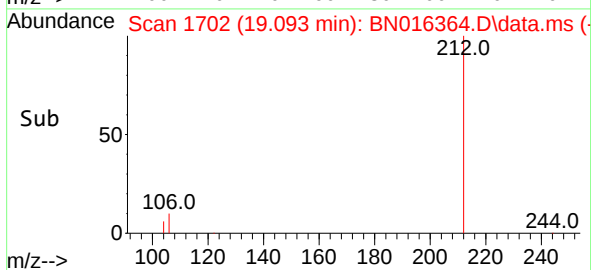
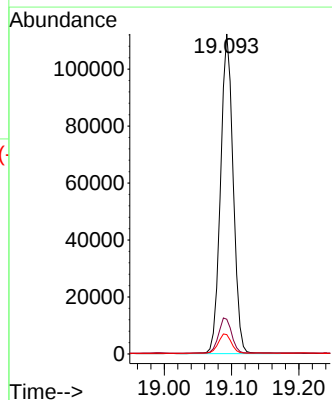
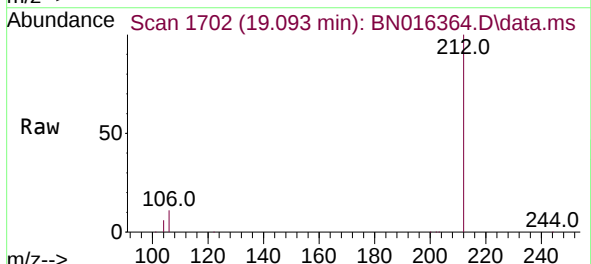
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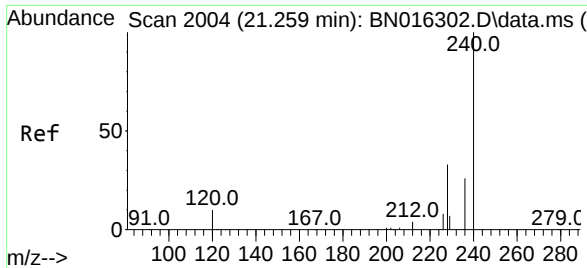
Tgt Ion:178 Resp: 16344
Ion Ratio Lower Upper
178 100
176 17.4 14.4 21.6
179 24.7 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

Tgt Ion:212 Resp: 146342
Ion Ratio Lower Upper
212 100
106 11.5 9.8 14.6
104 6.3 5.4 8.2

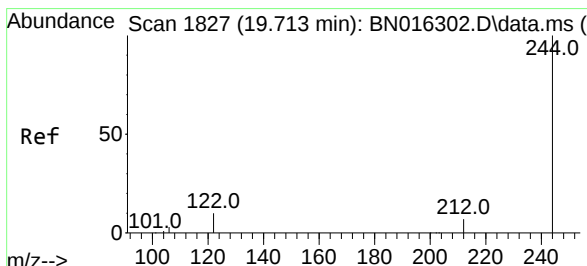
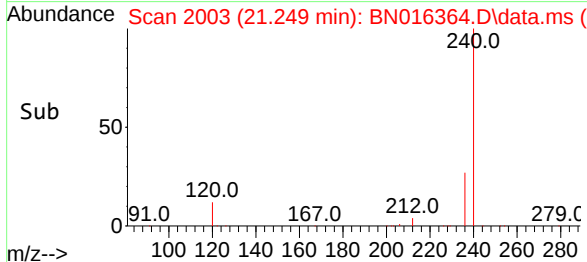
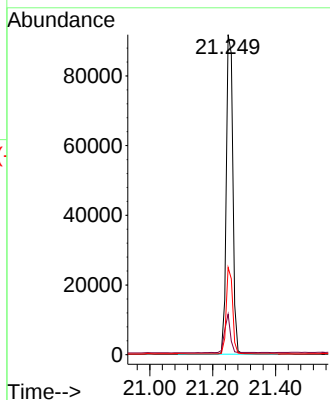
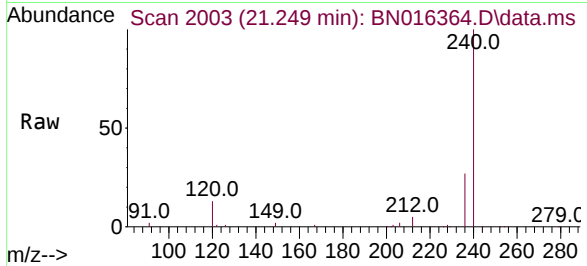




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

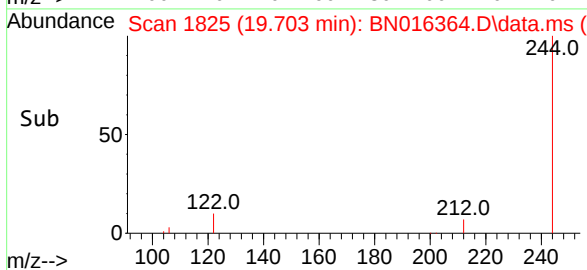
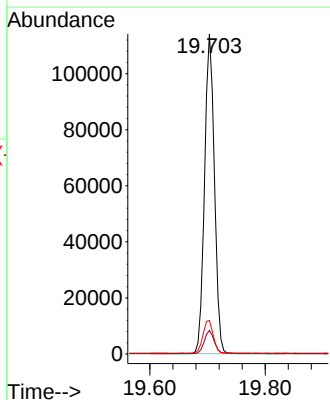
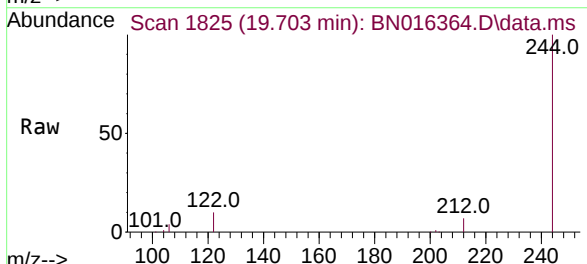
Instrument :
BNA_N
ClientSampleId :
MW180D-20210915

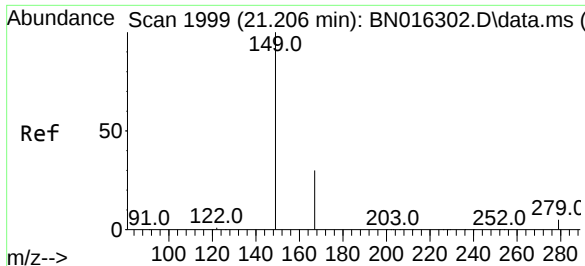
Tgt Ion:240 Resp: 134404
Ion Ratio Lower Upper
240 100
120 12.7 5.3 7.9#
236 27.2 19.8 29.8



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.703 min Scan# 1825
Delta R.T. -0.005 min
Lab File: BN016364.D
Acq: 21 Sep 2021 04:22

Tgt Ion:244 Resp: 134401
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.4 9.0 13.4

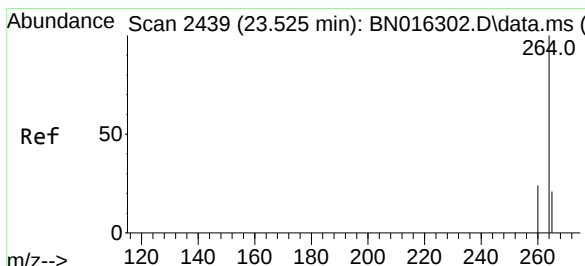
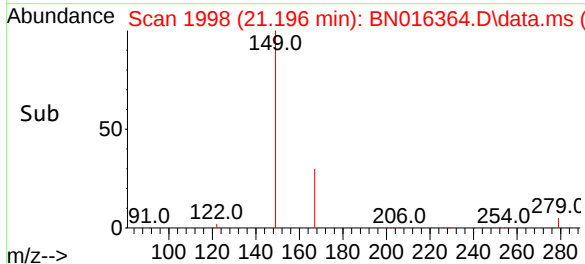
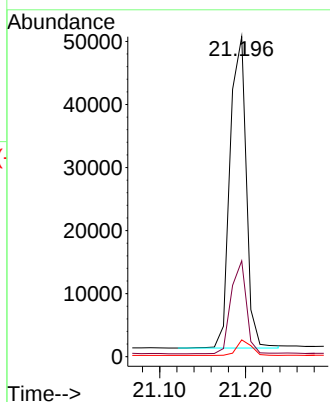
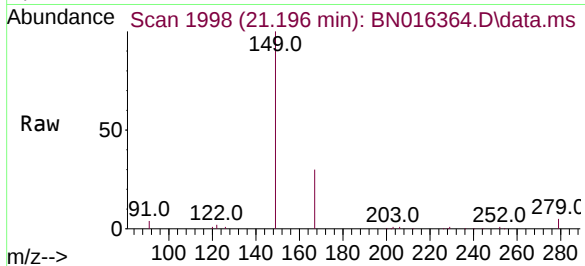




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.278 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016364.D
 Acq: 21 Sep 2021 04:22

Instrument :
 BNA_N
 ClientSampleId :
 MW180D-20210915

Tgt Ion:149 Resp: 64666
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.4 35.0
 279 4.5 3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.010 min
 Lab File: BN016364.D
 Acq: 21 Sep 2021 04:22

Tgt Ion:264 Resp: 122698
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 27.4 23.7 35.5

