

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016399.D
 Acq On : 22 Sep 2021 06:38
 Operator : CG/JU
 Sample : M3781-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20210915

Quant Time: Sep 22 07:10:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

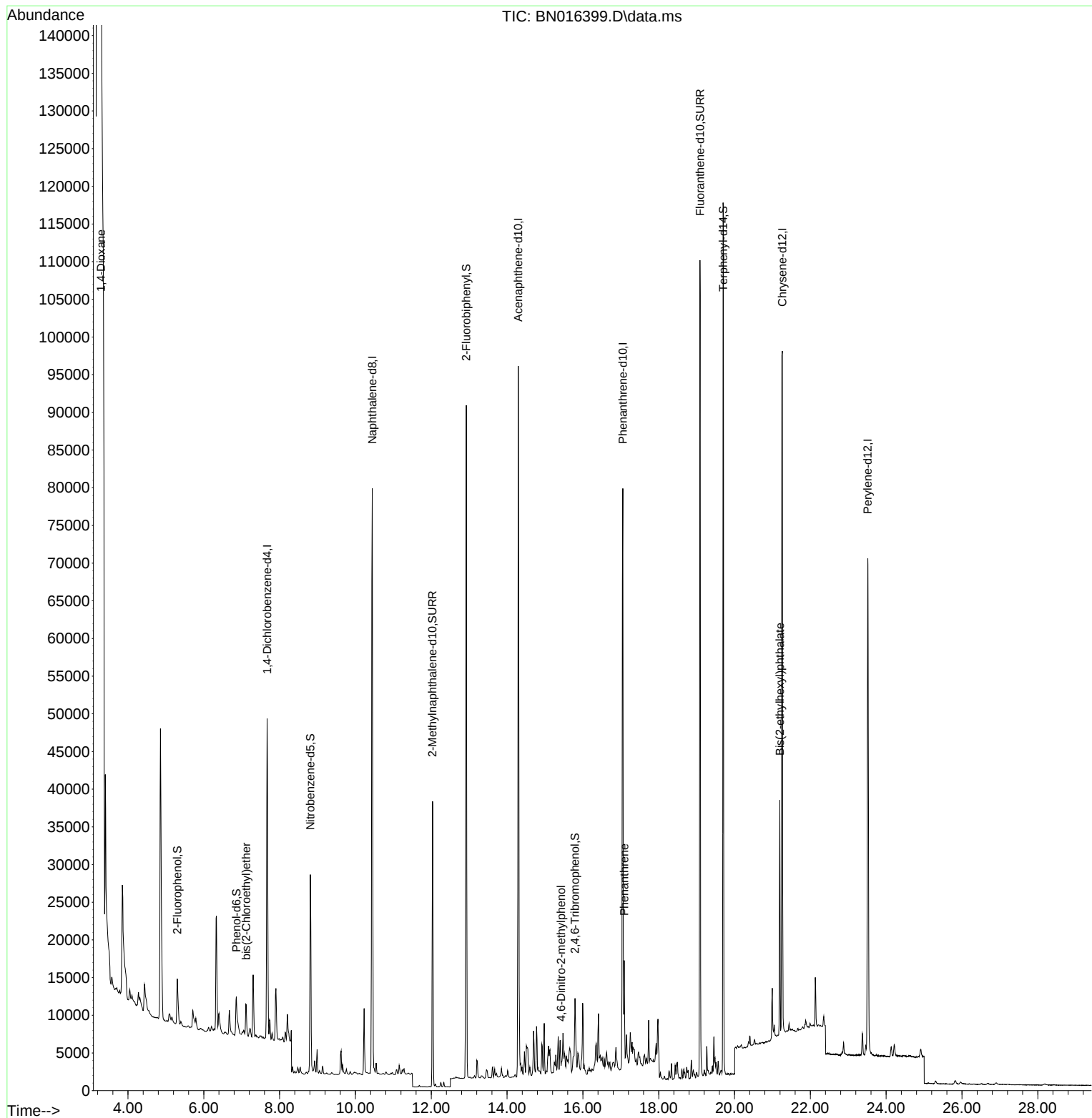
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24509	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	108239	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	55447	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	111335	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	99885	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	90115	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7138	0.116	ng	0.02
5) Phenol-d6	6.859	99	4918	0.066	ng	0.00
8) Nitrobenzene-d5	8.810	82	20982	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	51528	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	5471	0.336	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	76154	0.351	ng	0.00
27) Fluoranthene-d10	19.088	212	126962	0.394	ng	0.00
31) Terphenyl-d14	19.703	244	116247	0.502	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	12964	1.272	ng	# 93
6) bis(2-Chloroethyl)ether	7.117	93	3323	0.050	ng	93
20) 4,6-Dinitro-2-methylph...	15.423	198	9	0.147	ng	# 1
25) Phenanthrene	17.091	178	14450	0.046	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.195	149	27703	0.160	ng	98

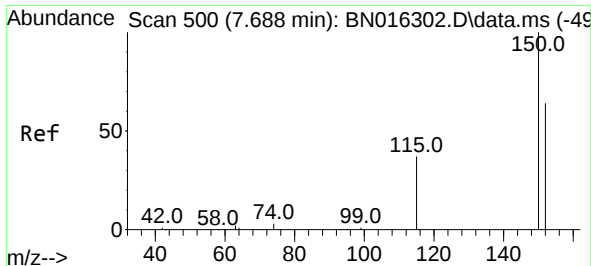
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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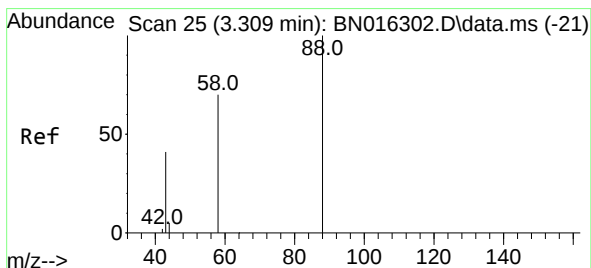
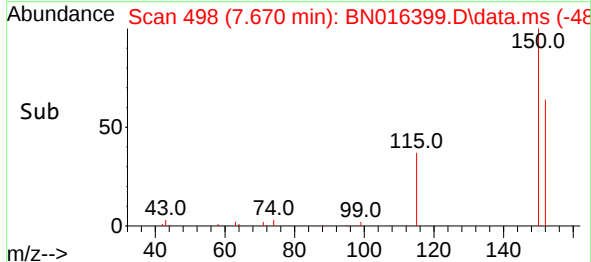
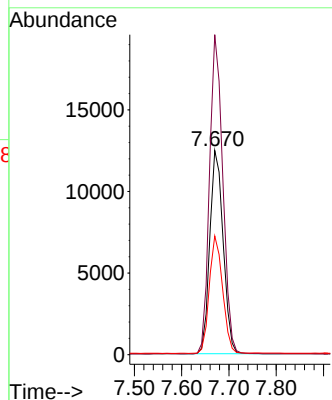
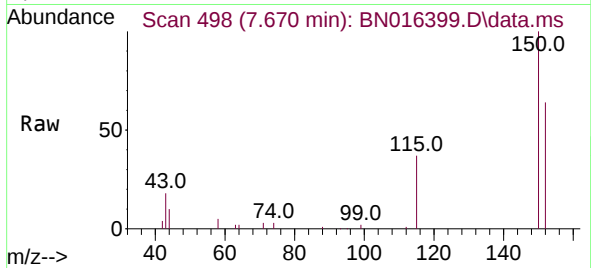




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016399.D
 Acq: 22 Sep 2021 06:38

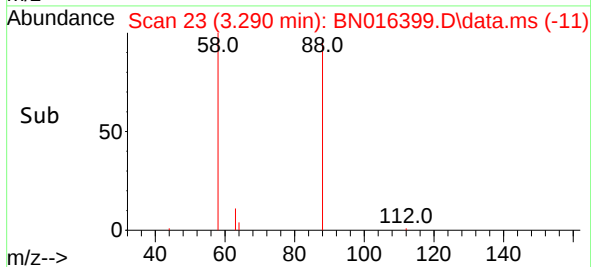
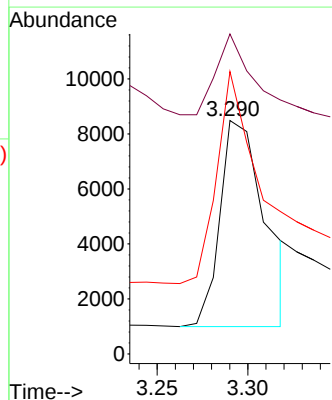
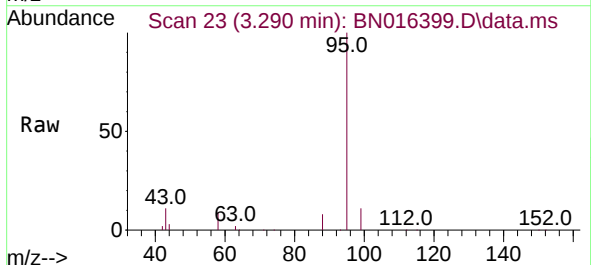
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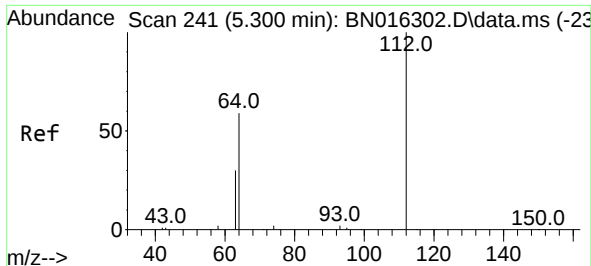
Tgt Ion:152 Resp: 24509
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.6 188.4
 115 58.2 50.2 75.2



#2
 1,4-Dioxane
 Concen: 1.272 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016399.D
 Acq: 22 Sep 2021 06:38

Tgt Ion: 88 Resp: 12964
 Ion Ratio Lower Upper
 88 100
 43 31.0 20.3 30.5#
 58 92.2 69.9 104.9

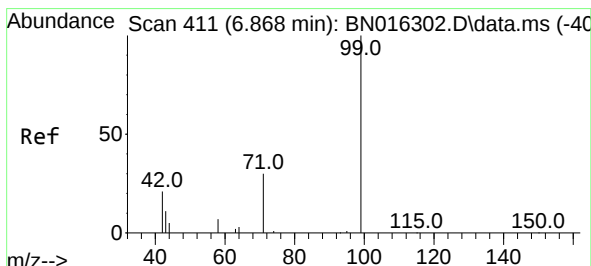
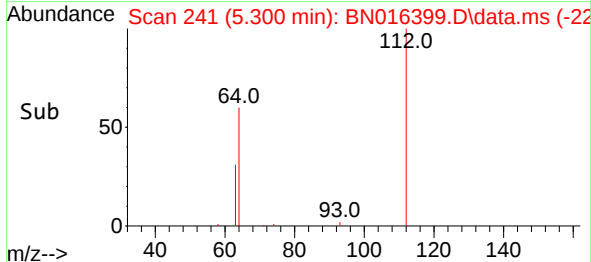
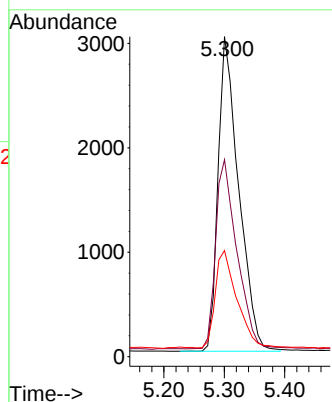
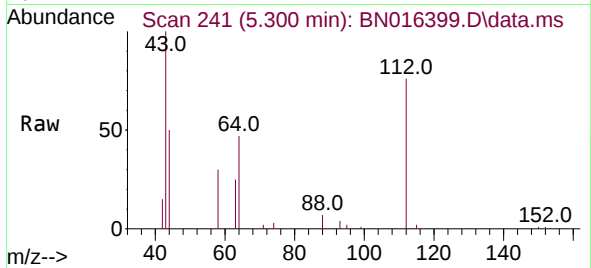




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

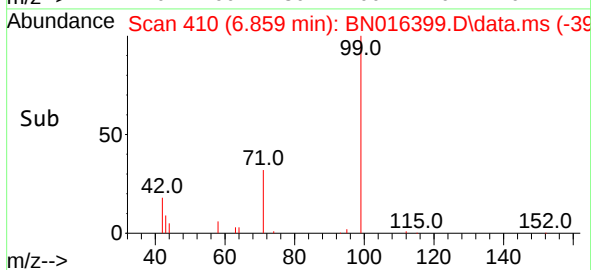
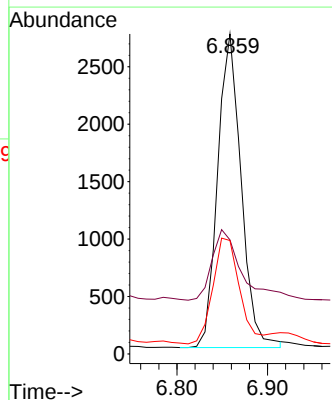
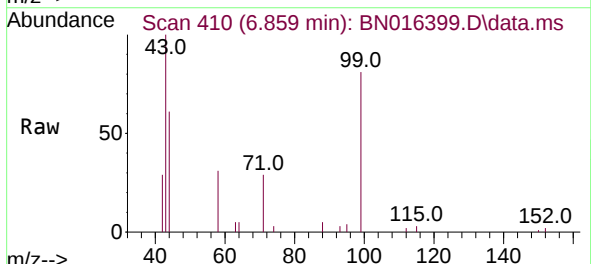
Instrument :
BNA_N
ClientSampleId :
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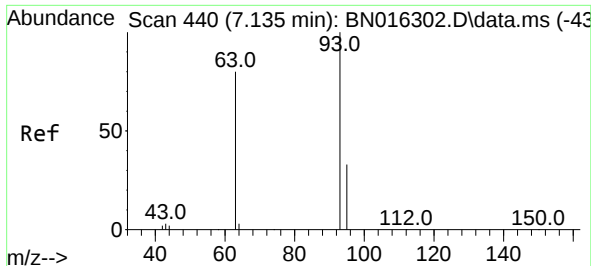
Tgt Ion: 112 Resp: 7138
Ion Ratio Lower Upper
112 100
64 62.0 47.3 70.9
63 32.5 23.4 35.0



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion: 99 Resp: 4918
Ion Ratio Lower Upper
99 100
42 27.5 14.0 21.0#
71 38.6 23.8 35.6#

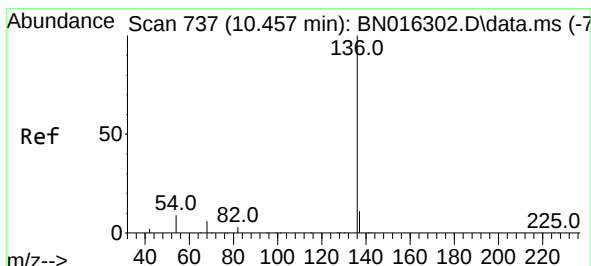
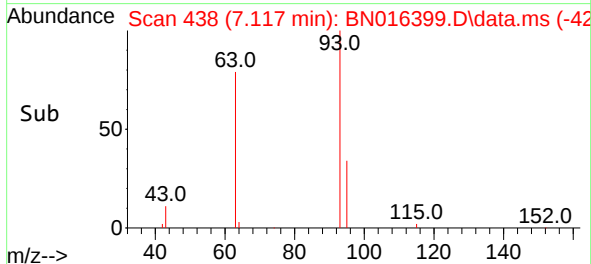
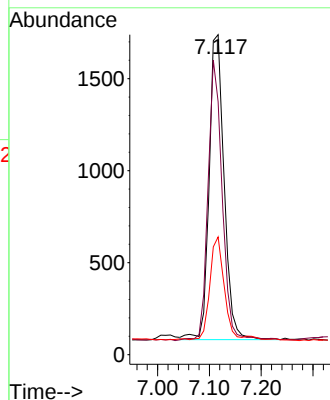
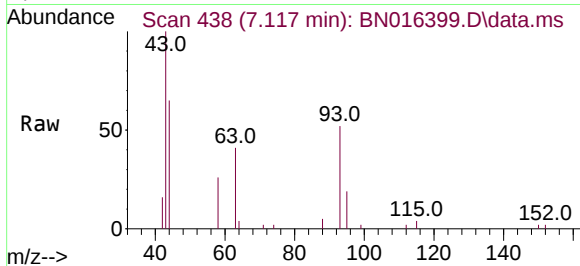




#6
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

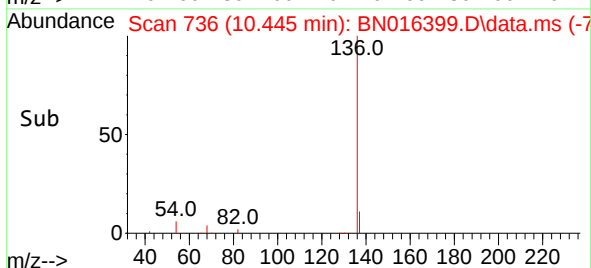
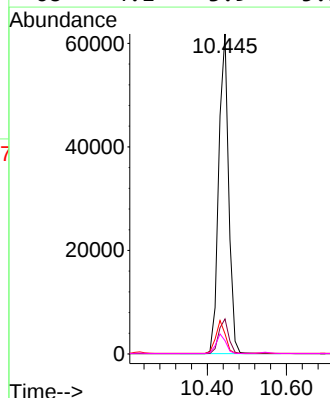
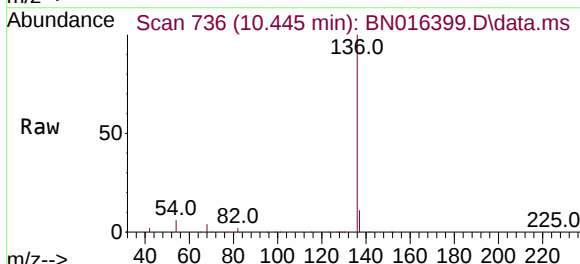
Instrument :
BNA_N
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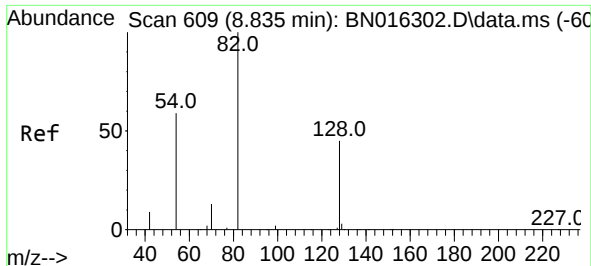
Tgt Ion:	93	Resp:	3323
Ion	Ratio	Lower	Upper
93	100		
63	87.0	63.4	95.0
95	31.8	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:	136	Resp:	108239
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.3	5.3	7.9
68	4.1	3.9	5.9

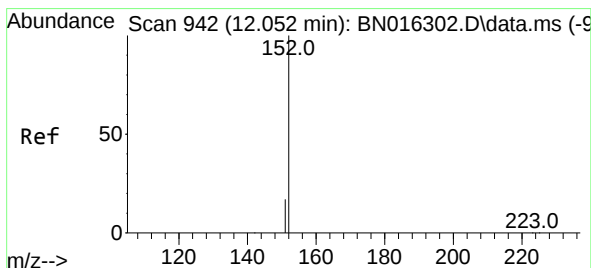
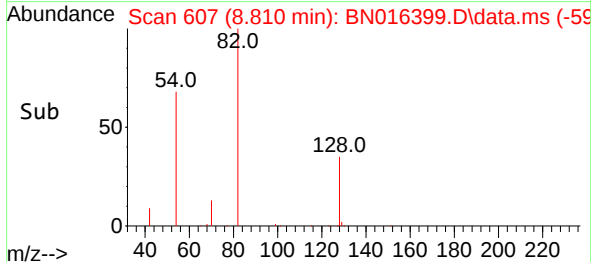
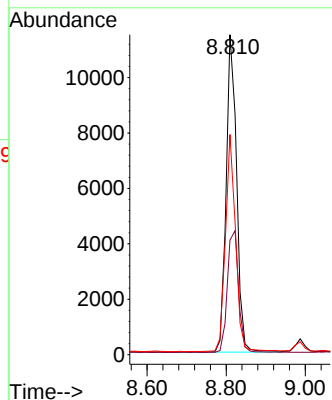
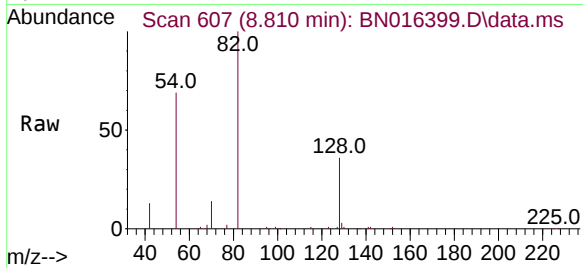




#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

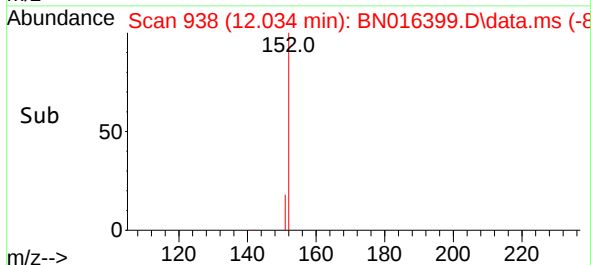
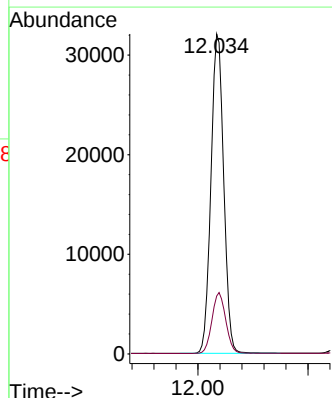
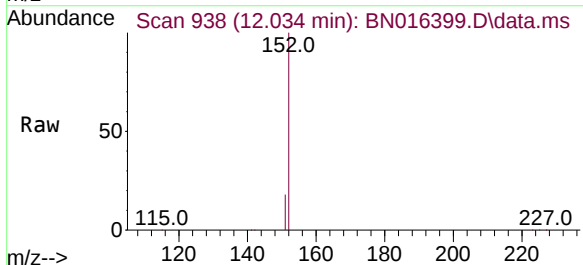
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ClientSampleId :
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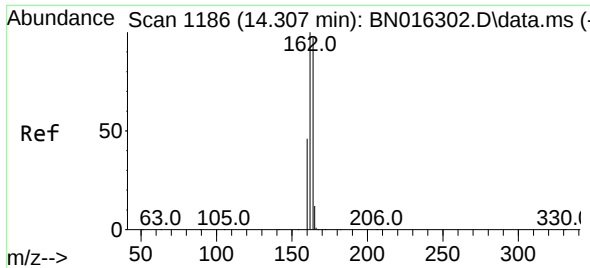
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	31.7	47.5
54	68.8	46.4	69.6



#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.034 min Scan# 938
Delta R.T. -0.004 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1

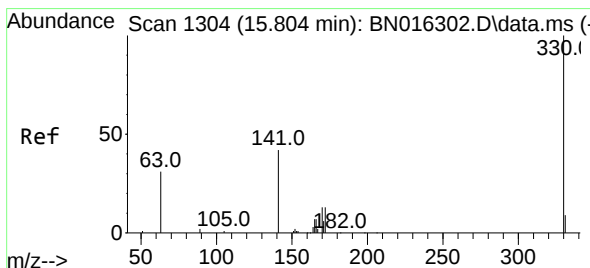
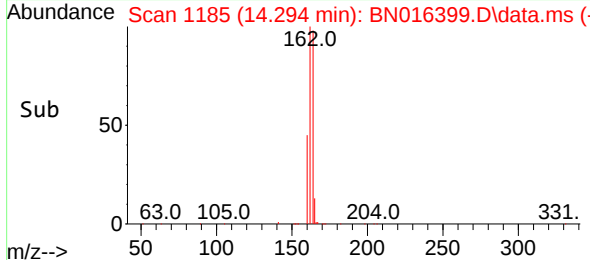
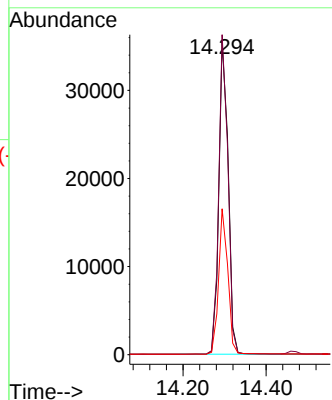
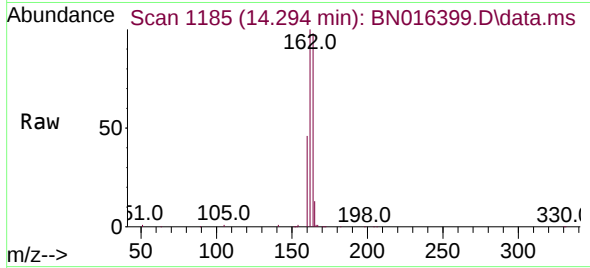




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

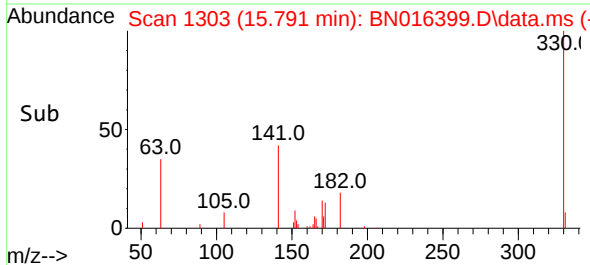
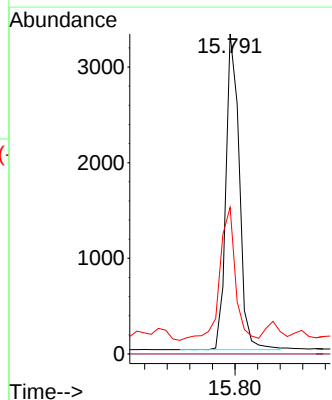
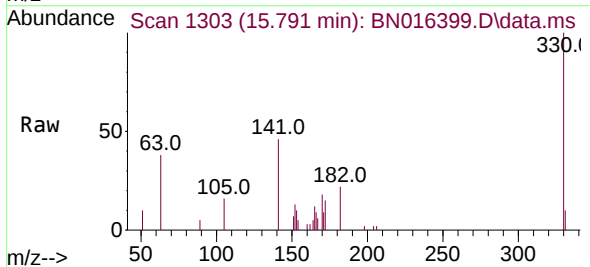
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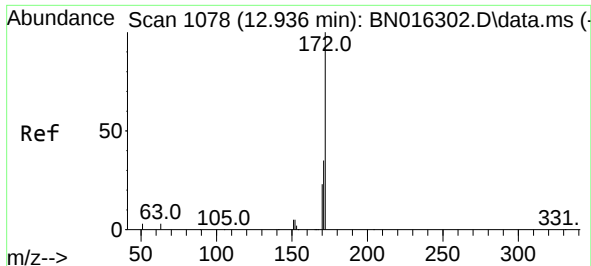
Tgt Ion:164	Resp:	55447
Ion Ratio	Lower	Upper
164	100	
162	102.1	79.0 118.4
160	46.6	34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:330	Resp:	5471
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	49.2	25.0 37.4#

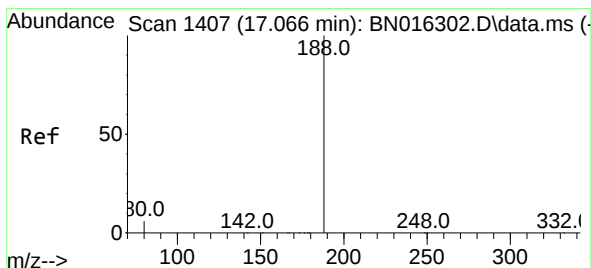
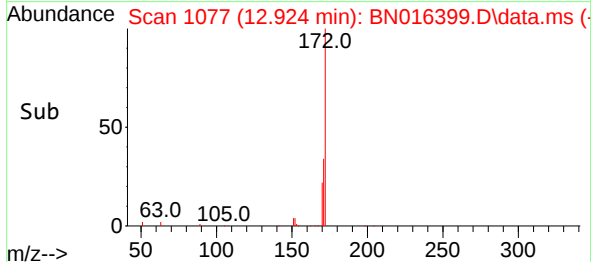
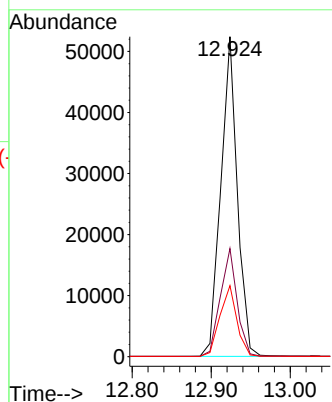
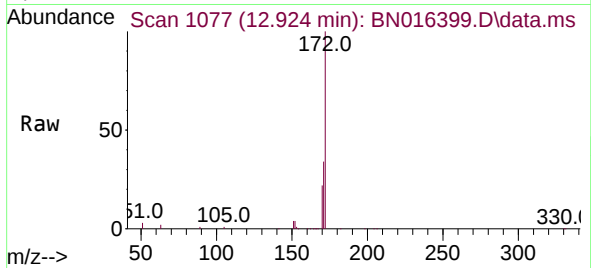




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

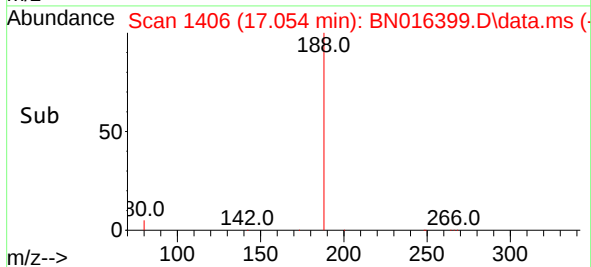
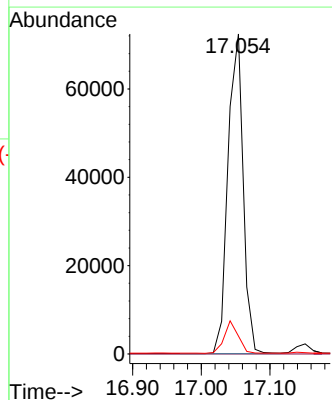
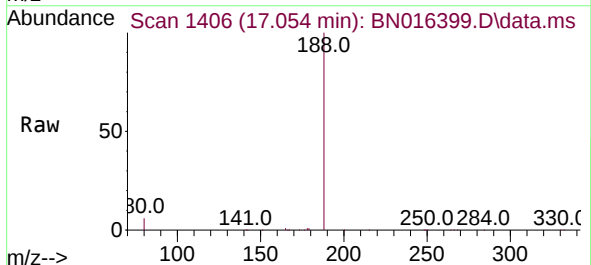
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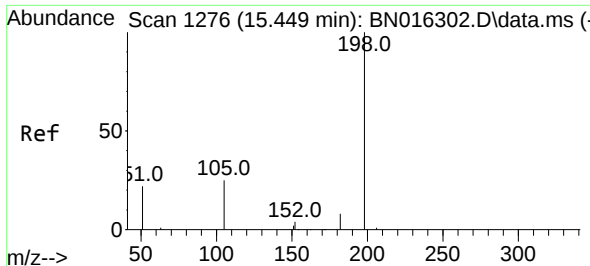
Tgt Ion:172 Resp: 76154
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 22.2 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:188 Resp: 111335
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.6 7.0 10.6#

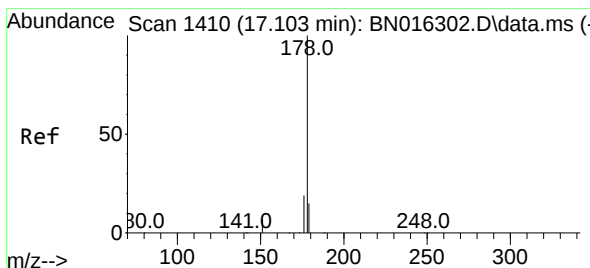
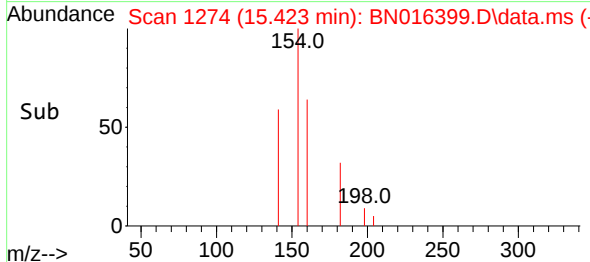
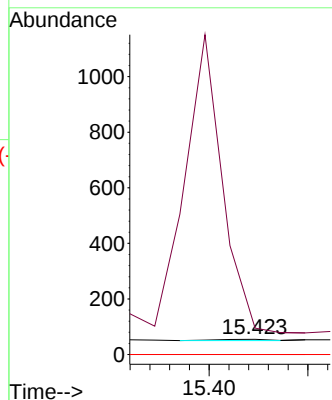
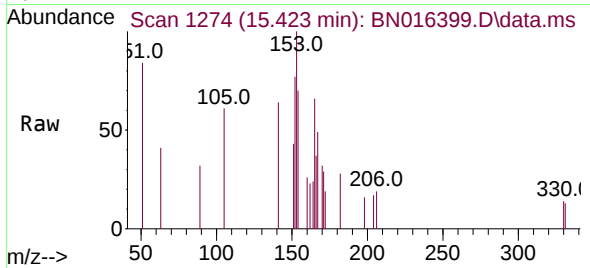




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.147 ng
 RT: 15.423 min Scan# 1274
 Delta R.T. -0.012 min
 Lab File: BN016399.D
 Acq: 22 Sep 2021 06:38

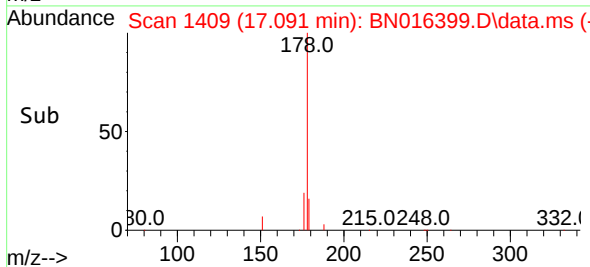
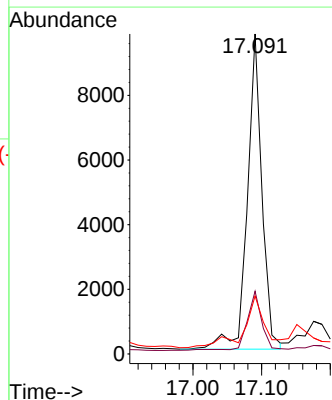
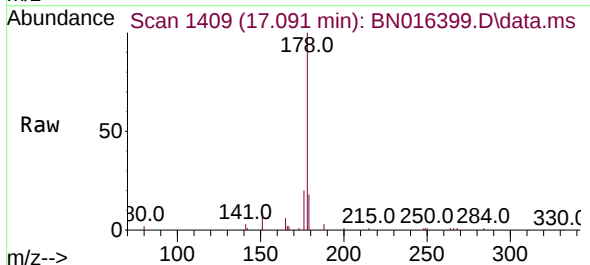
Instrument :
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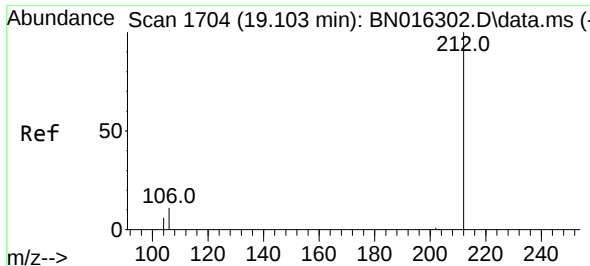
Tgt Ion:198 Resp: 9
 Ion Ratio Lower Upper
 198 100
 182 172.7 26.6 39.8#
 77 0.0 0.0 0.0



#25
 Phenanthrene
 Concen: 0.046 ng
 RT: 17.091 min Scan# 1409
 Delta R.T. 0.000 min
 Lab File: BN016399.D
 Acq: 22 Sep 2021 06:38

Tgt Ion:178 Resp: 14450
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.4 21.6
 179 23.3 12.2 18.4#

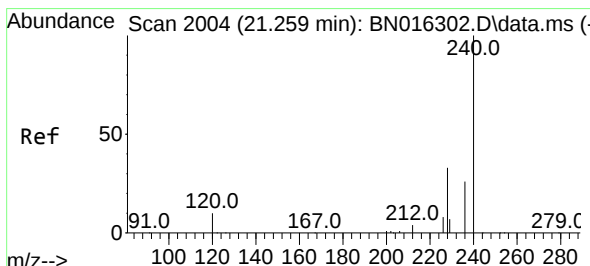
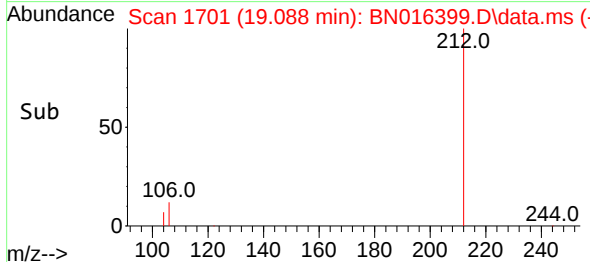
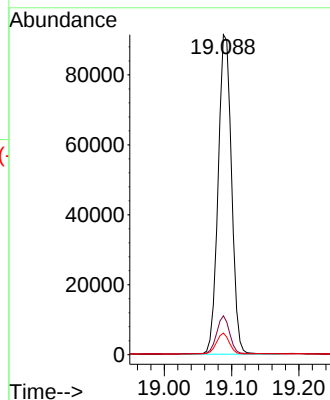
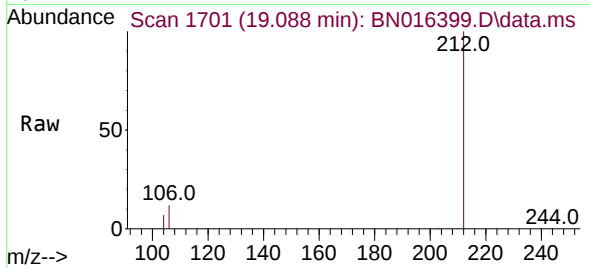




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

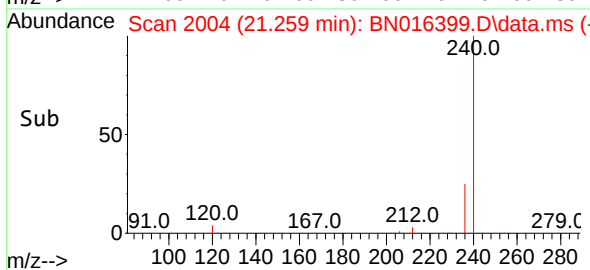
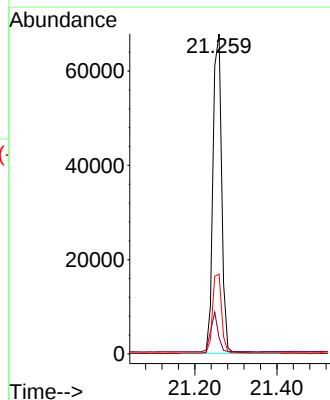
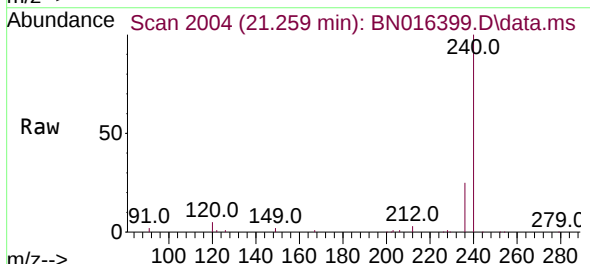
Instrument :
BNA_N
ClientSampleId :
MW179D2-20210915

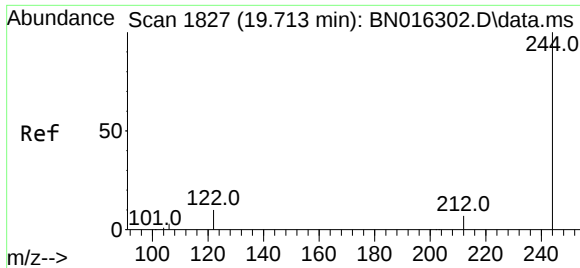
Tgt Ion:212 Resp: 126962
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.3 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016399.D
Acq: 22 Sep 2021 06:38

Tgt Ion:240 Resp: 99885
Ion Ratio Lower Upper
240 100
120 5.0 5.3 7.9#
236 25.0 19.8 29.8

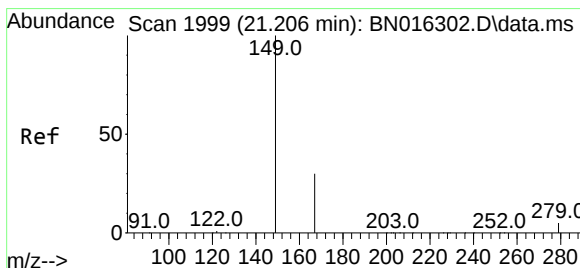
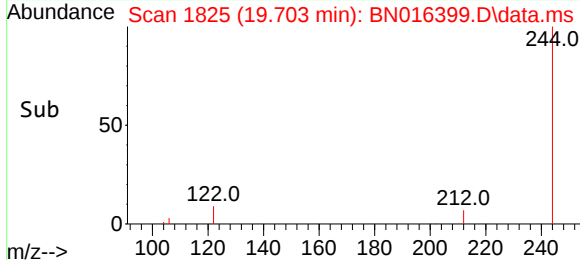
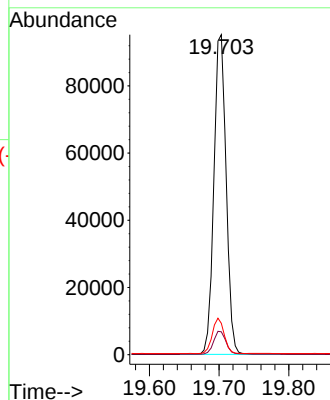
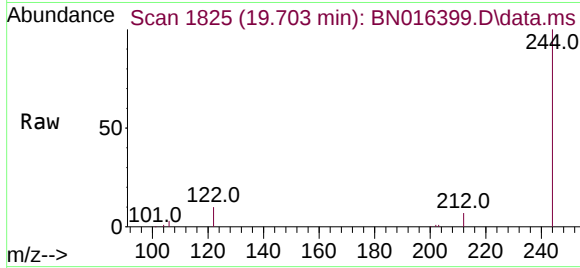




#31
 Terphenyl-d14
 Concen: 0.502 ng
 RT: 19.703 min Scan# 1825
 Delta R.T. 0.000 min
 Lab File: BN016399.D
 Acq: 22 Sep 2021 06:38

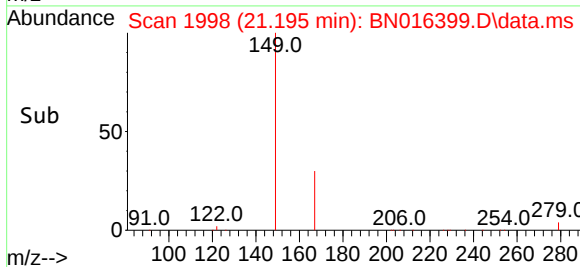
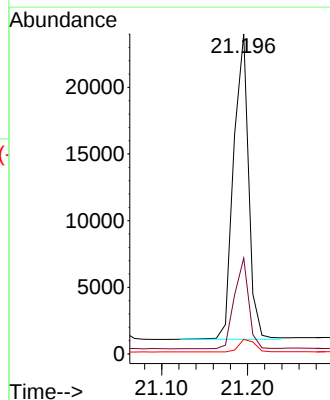
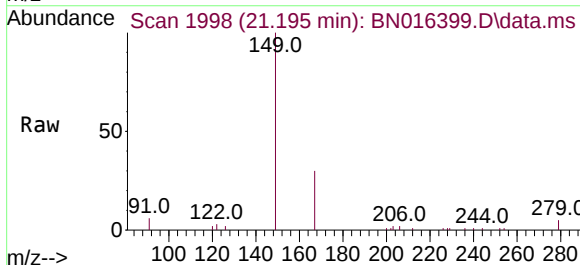
Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20210915

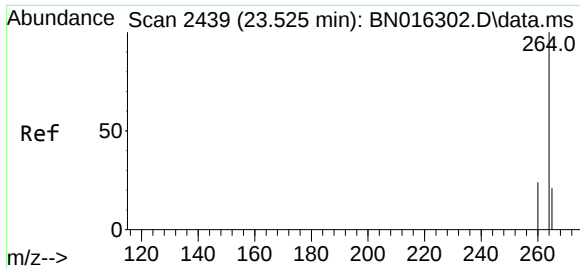
Tgt Ion:244	Resp:	116247
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.5 8.3
122	9.8	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.160 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016399.D
 Acq: 22 Sep 2021 06:38

Tgt Ion:149	Resp:	27703
Ion Ratio	Lower	Upper
149	100	
167	28.3	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. -0.007 min
 Lab File: BN016399.D
 Acq: 22 Sep 2021 06:38

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20210915

Tgt Ion:264	Resp:	90115
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.9 28.3
265	26.4	23.7 35.5

