

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016389.D
 Acq On : 21 Sep 2021 22:46
 Operator : CG/JU
 Sample : M3781-14DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20210916DL

Quant Time: Sep 22 04:34:12 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)

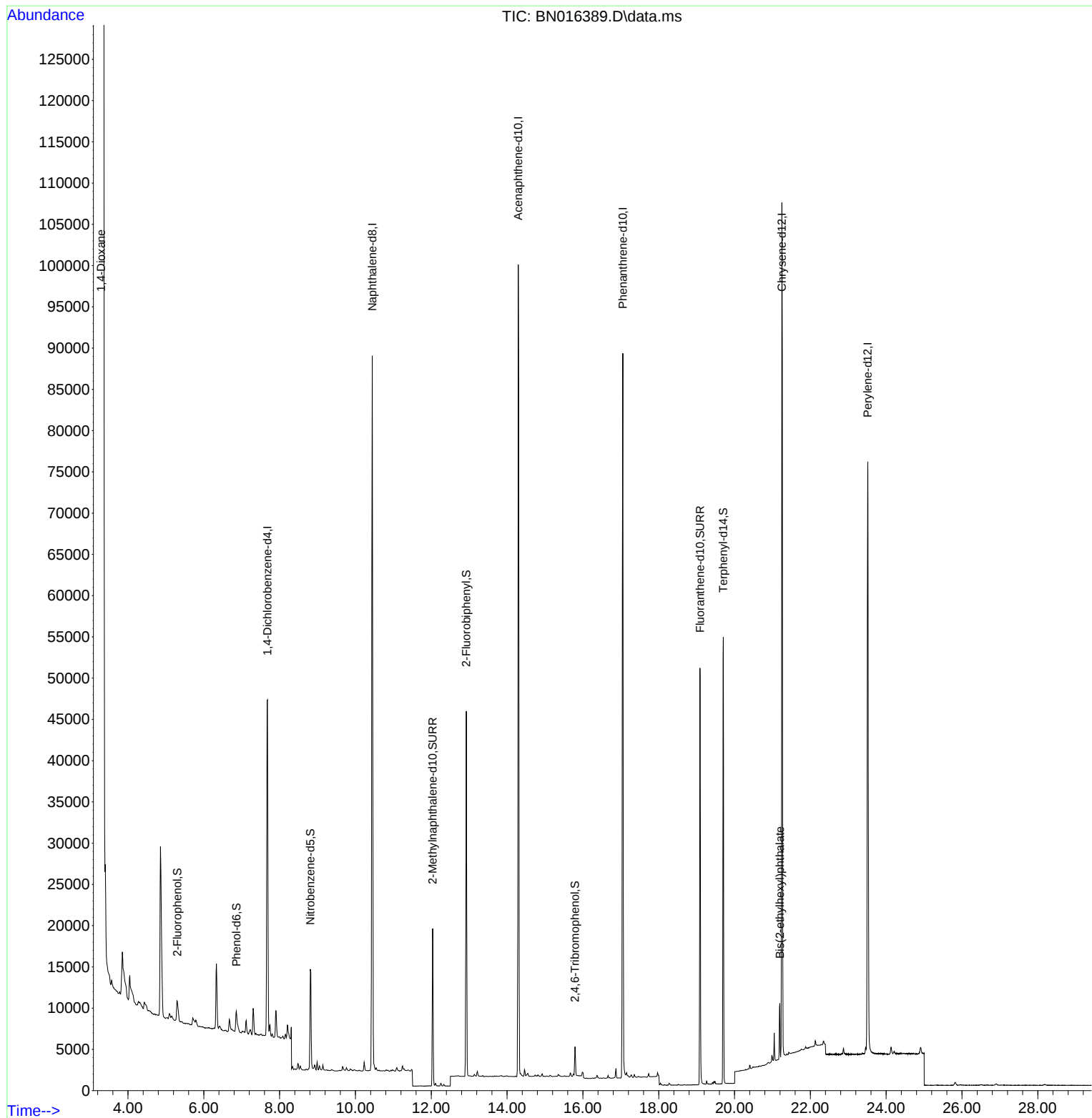
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	26126	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	114615	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	61945	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	122503	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	104998	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	93932	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	3672	0.056	ng	0.02
5) Phenol-d6	6.858	99	2563	0.032	ng	0.00
8) Nitrobenzene-d5	8.810	82	10941	0.161	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	25577	0.142	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2636	0.145	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	36752	0.152	ng	0.00
27) Fluoranthene-d10	19.093	212	58636	0.165	ng	0.00
31) Terphenyl-d14	19.703	244	55503	0.228	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	27282	2.511	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.195	149	7142	0.039	ng	98

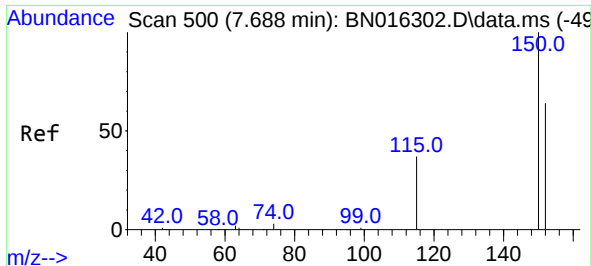
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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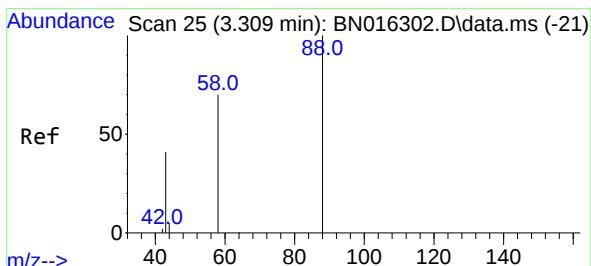
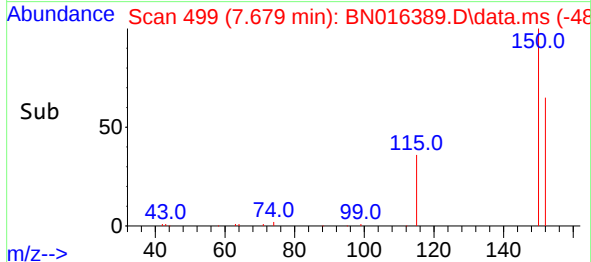
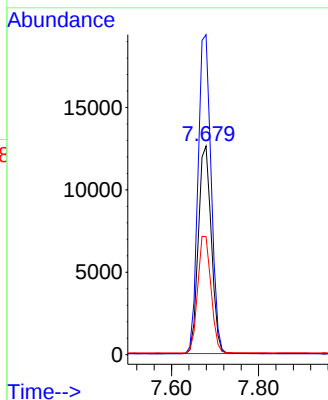
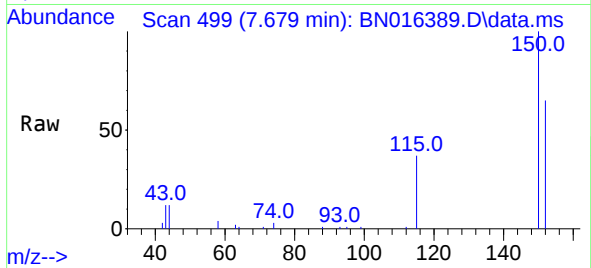




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. 0.009 min
 Lab File: BN016389.D
 Acq: 21 Sep 2021 22:46

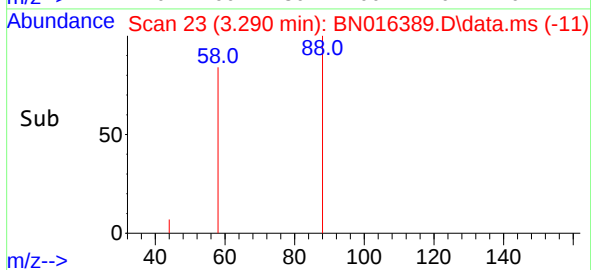
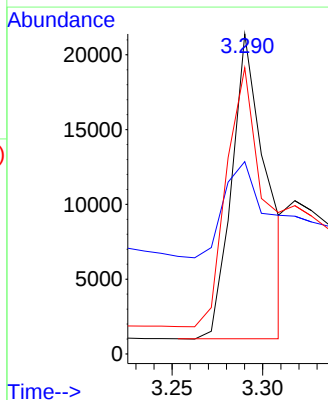
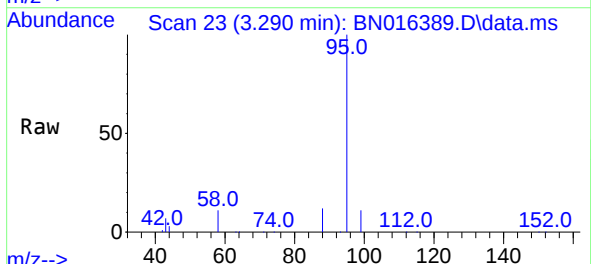
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20210916DL

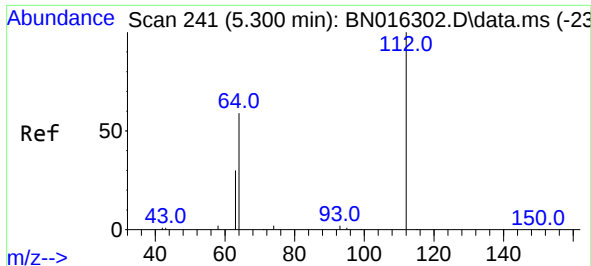
Tgt Ion:152 Resp: 26126
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.6 188.4
 115 56.6 50.2 75.2



#2
 1,4-Dioxane
 Concen: 2.511 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016389.D
 Acq: 21 Sep 2021 22:46

Tgt Ion: 88 Resp: 27282
 Ion Ratio Lower Upper
 88 100
 43 42.1 20.3 30.5#
 58 93.4 69.9 104.9

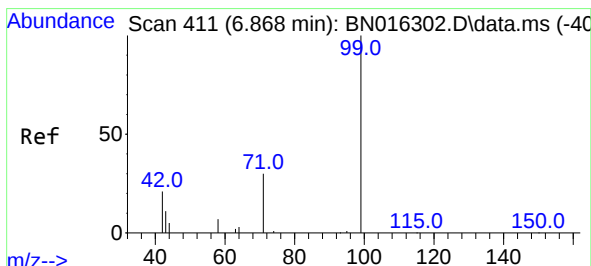
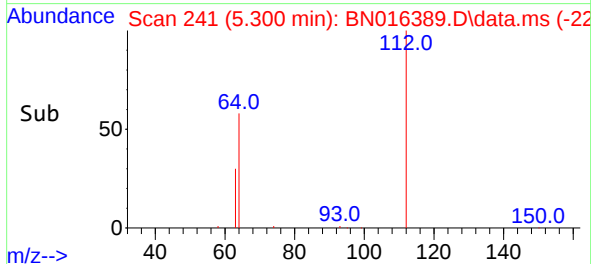
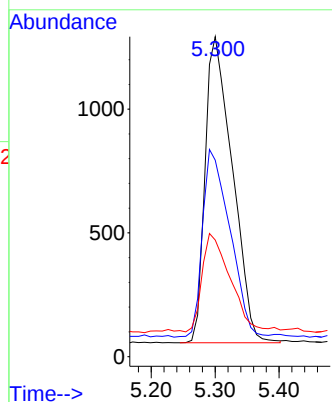
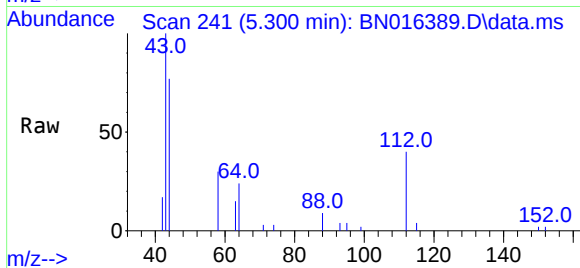




#4
2-Fluorophenol
Concen: 0.056 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

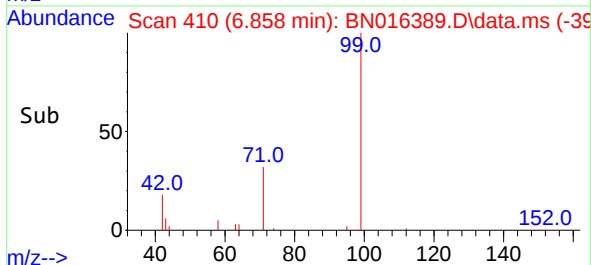
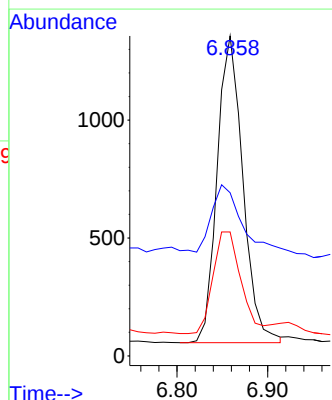
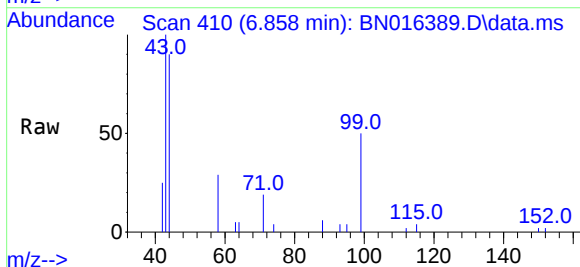
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210916DL

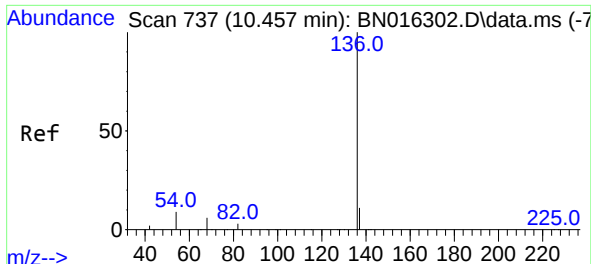
Tgt Ion:112 Resp: 3672
Ion Ratio Lower Upper
112 100
64 61.4 47.3 70.9
63 33.4 23.4 35.0



#5
Phenol-d6
Concen: 0.032 ng
RT: 6.858 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

Tgt Ion: 99 Resp: 2563
Ion Ratio Lower Upper
99 100
42 23.4 14.0 21.0#
71 35.9 23.8 35.6#

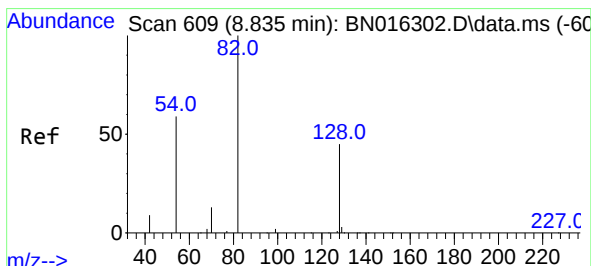
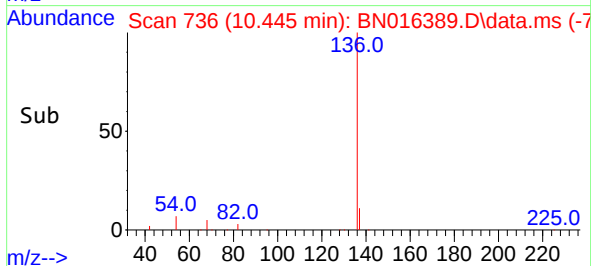
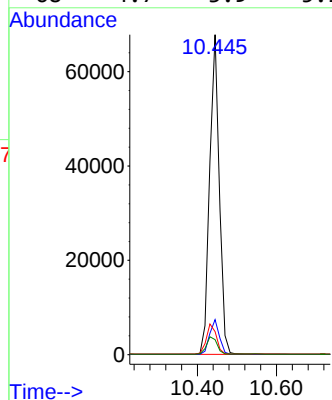
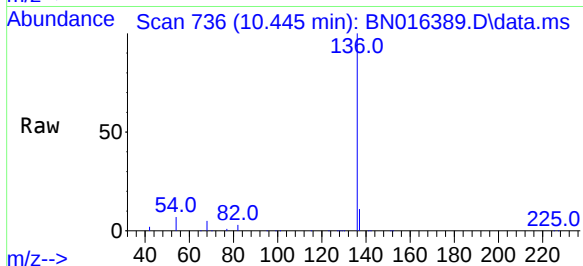




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

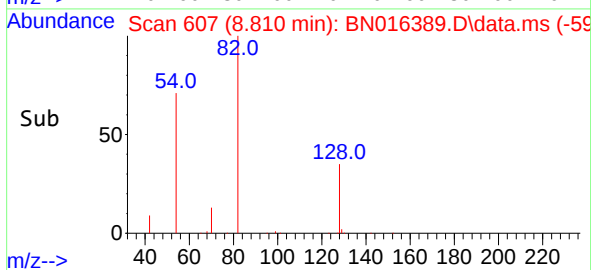
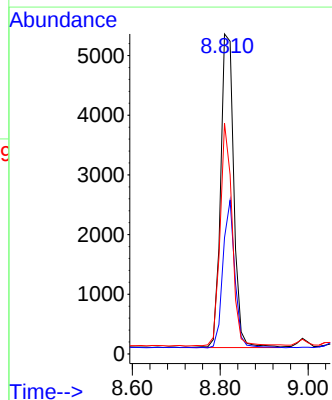
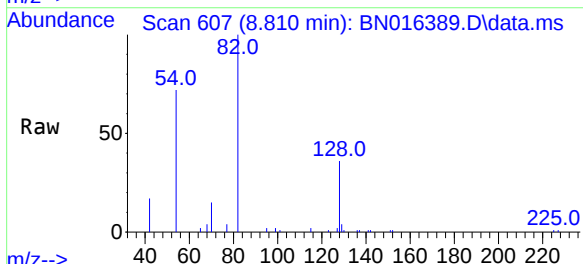
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210916DL

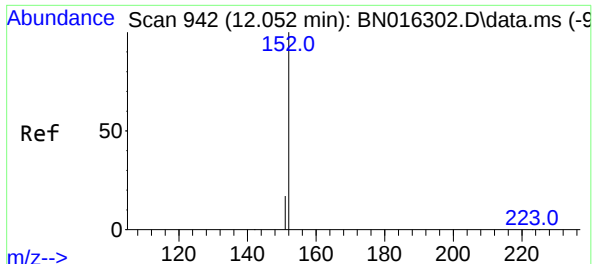
Tgt Ion:	136	Resp:	114615
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.2	5.3	7.9
68	4.7	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.161 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

Tgt Ion:	82	Resp:	10941
Ion Ratio	Lower	Upper	
82	100		
128	36.3	31.7	47.5
54	72.1	46.4	69.6

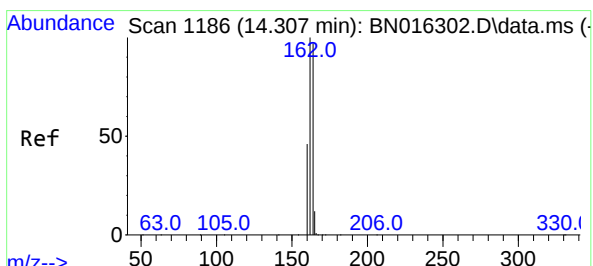
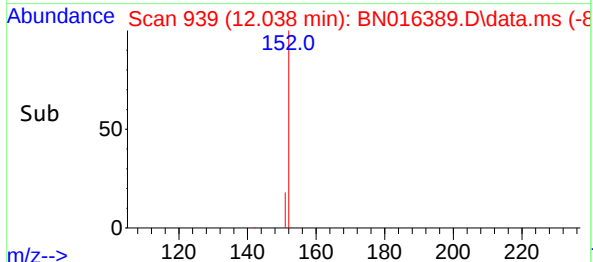
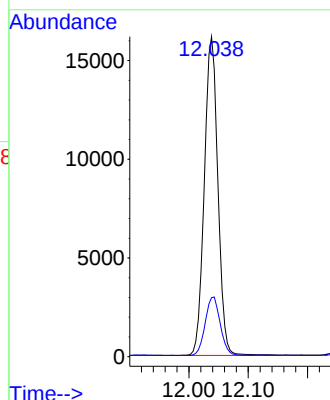
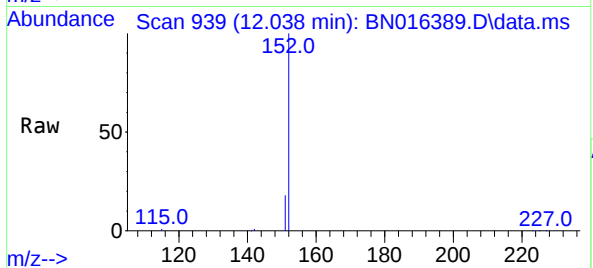




#11
2-Methylnaphthalene-d10
Concen: 0.142 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

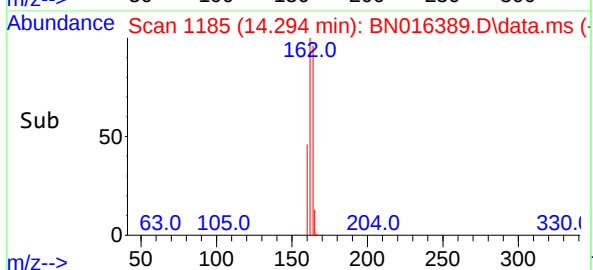
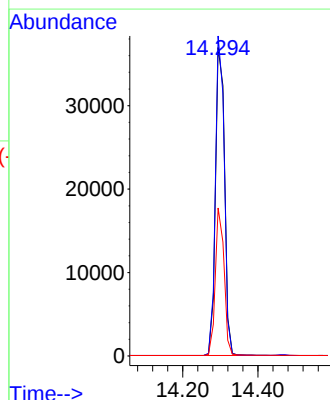
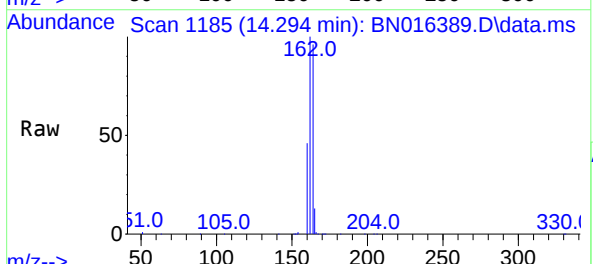
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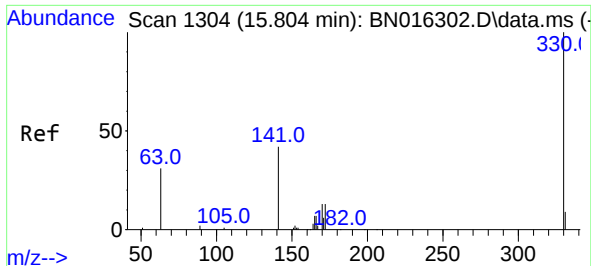
Tgt Ion:152 Resp: 25577
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

Tgt Ion:164 Resp: 61945
Ion Ratio Lower Upper
164 100
162 103.7 79.0 118.4
160 48.0 34.1 51.1

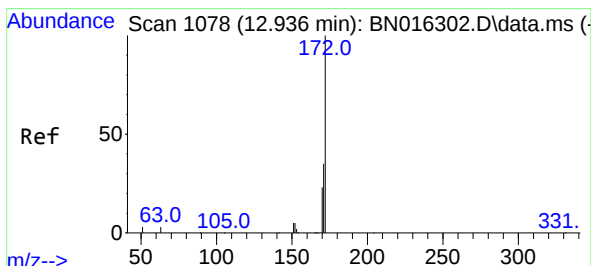
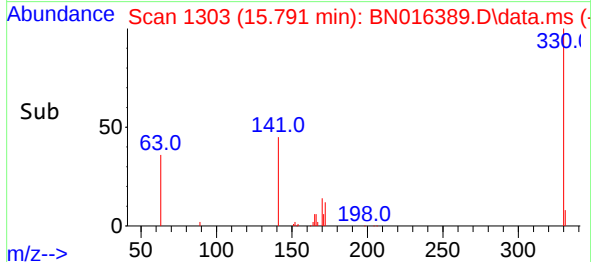
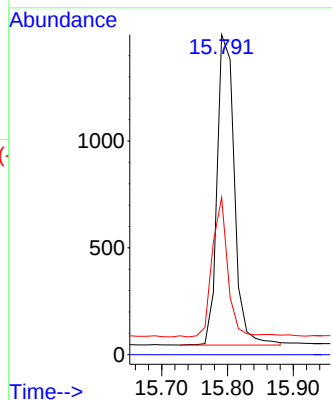
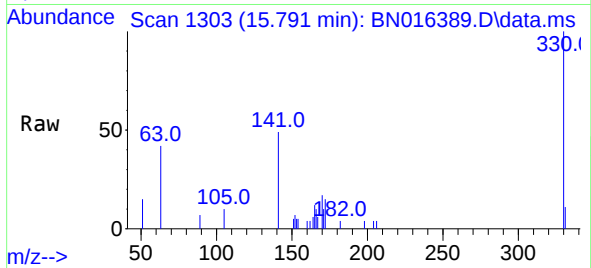




#14
2,4,6-Tribromophenol
Concen: 0.145 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

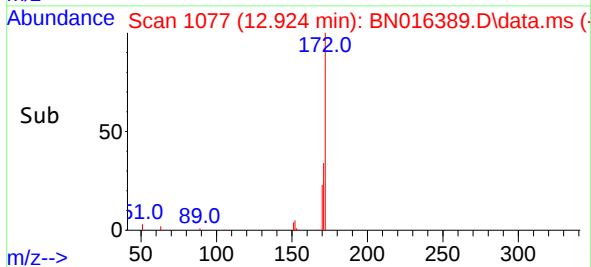
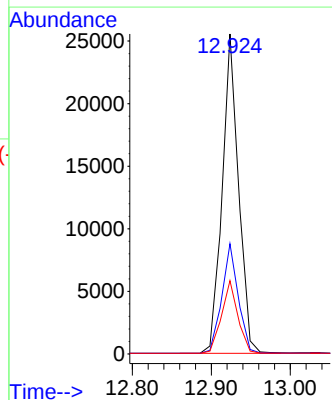
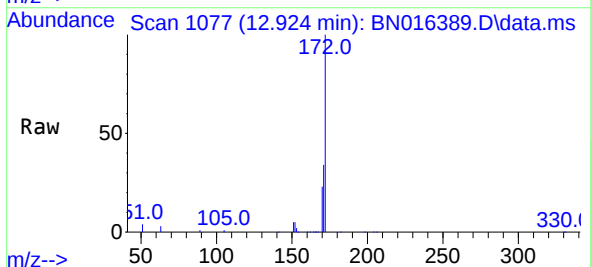
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ClientSampleId :
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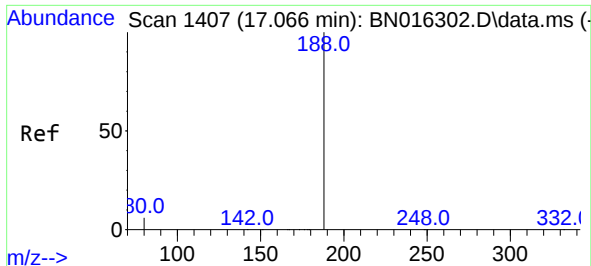
Tgt Ion:330 Resp: 2636
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.3 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.152 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

Tgt Ion:172 Resp: 36752
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.9 18.2 27.2

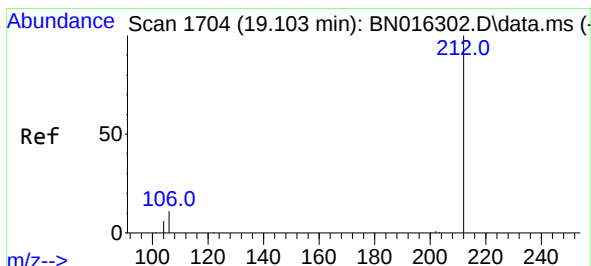
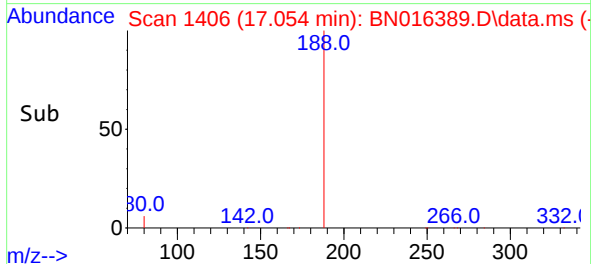
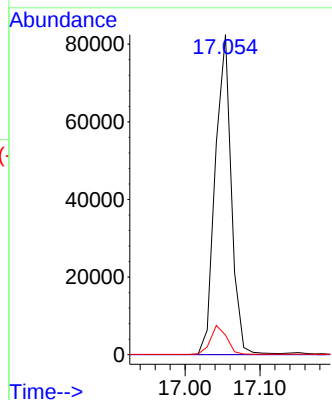
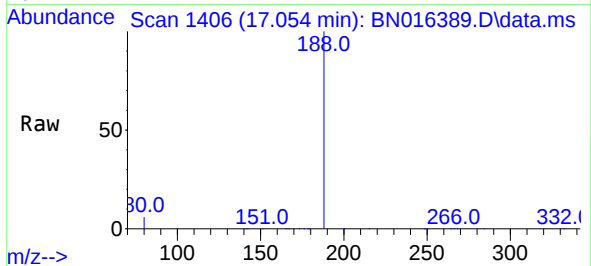




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

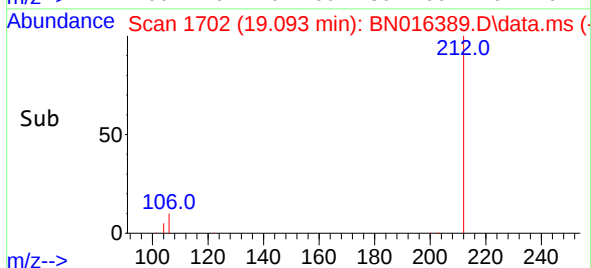
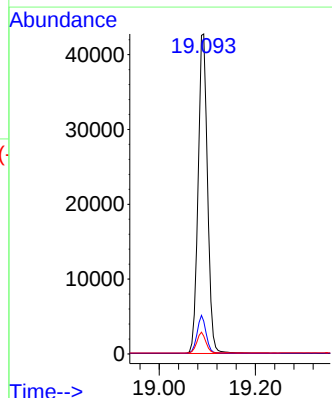
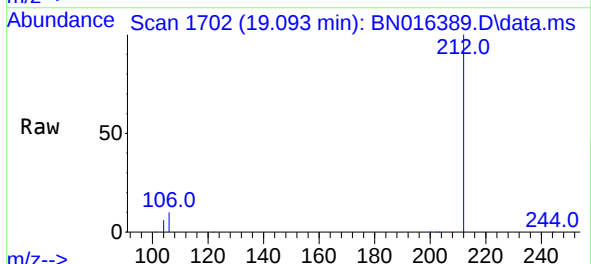
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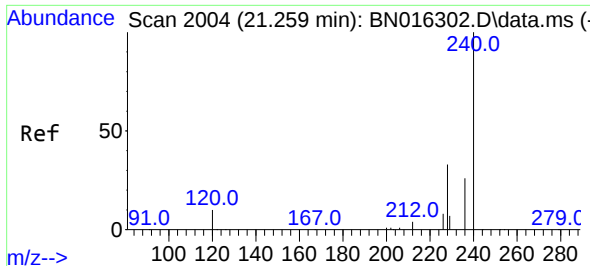
Tgt Ion:188 Resp: 122503
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 7.0 10.6#



#27
Fluoranthene-d10
Concen: 0.165 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

Tgt Ion:212 Resp: 58636
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.2 5.4 8.2

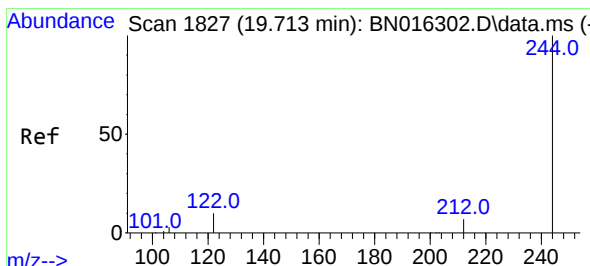
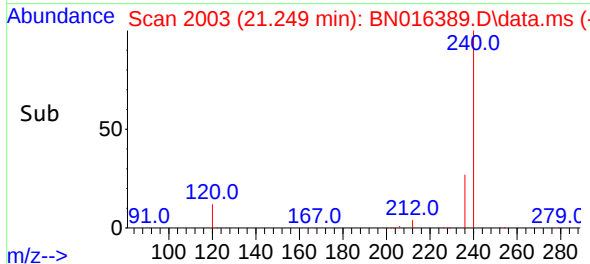
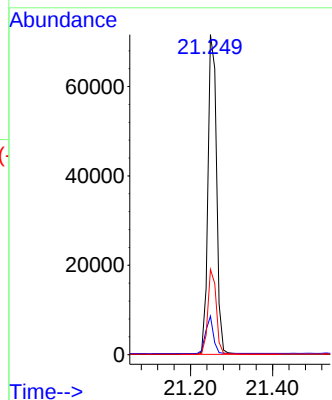
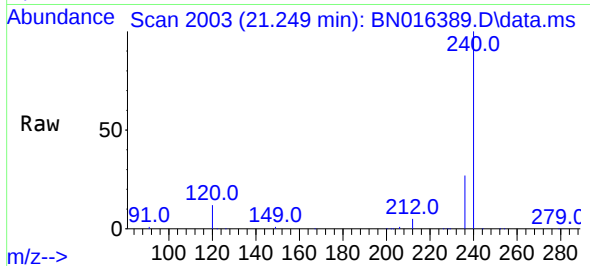




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

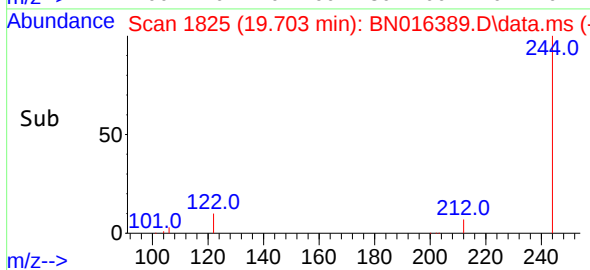
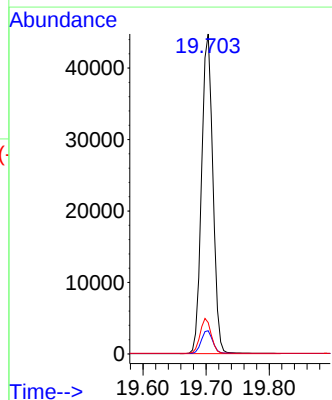
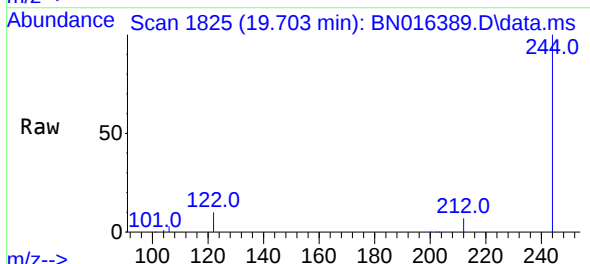
Instrument :
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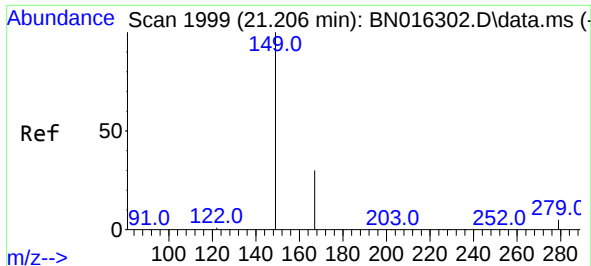
Tgt Ion:240 Resp: 104998
Ion Ratio Lower Upper
240 100
120 12.0 5.3 7.9#
236 26.7 19.8 29.8



#31
Terphenyl-d14
Concen: 0.228 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

Tgt Ion:244 Resp: 55503
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 9.8 9.0 13.4

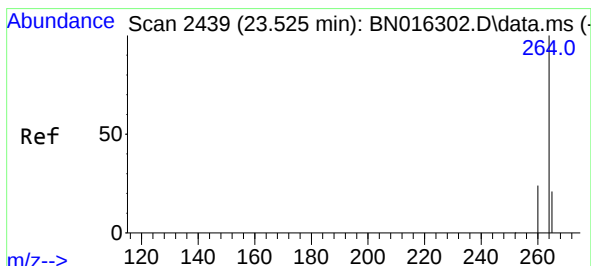
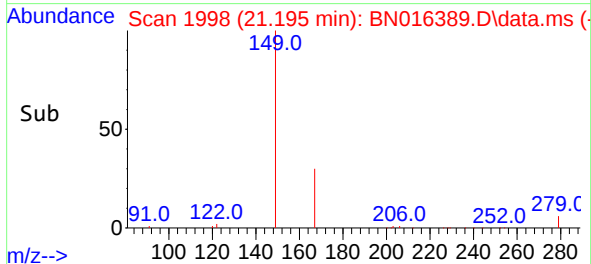
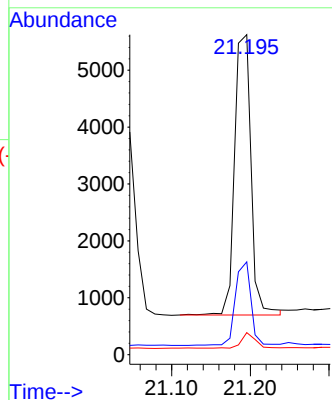
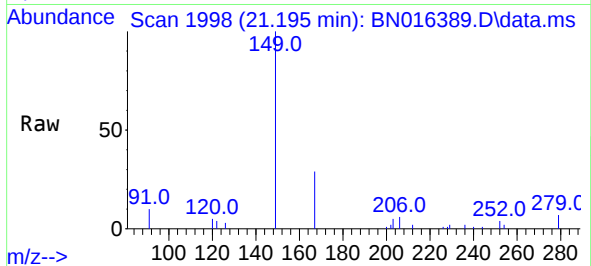




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016389.D
Acq: 21 Sep 2021 22:46

Instrument :
BNA_N
ClientSampleId :
RE115D2-20210916DL

Tgt Ion:149 Resp: 7142
Ion Ratio Lower Upper
149 100
167 28.1 23.4 35.0
279 4.7 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: BN016389.D
Acq: 21 Sep 2021 22:46

Tgt Ion:264 Resp: 93932
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 26.7 23.7 35.5

