

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
 Data File : BN014063.D
 Acq On : 24 Mar 2021 05:52
 Operator : CG/JU
 Sample : SP5509
 Misc : 8270 SIM SURROGATE
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5509

Quant Time: Mar 24 08:30:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	6373	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	23187	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	12587	0.40	ng	-0.01
19) Phenanthrene-d10	17.055	188	25925	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	22403	0.40	ng	#-0.01
36) Perylene-d12	23.445	264	22997	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	5817	0.40	ng	0.00
5) Phenol-d6	6.863	99	6770	0.36	ng	0.00
8) Nitrobenzene-d5	8.832	82	5595	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	13064	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1164	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	17648	0.38	ng	-0.01
27) Fluoranthene-d10	19.089	212	24696	0.34	ng	-0.01
31) Terphenyl-d14	19.690	244	21862	0.44	ng	-0.01

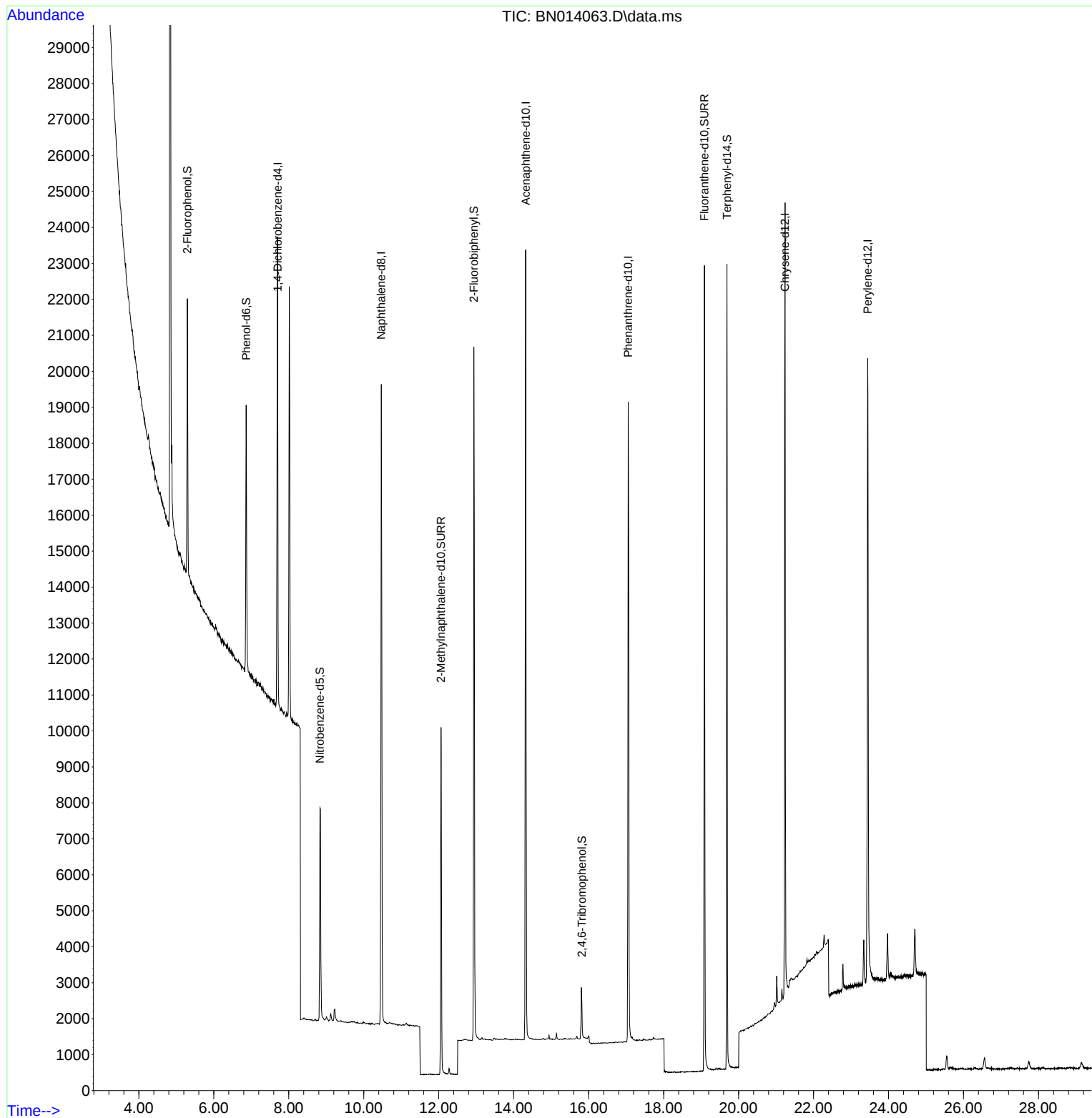
Target Compounds	Qvalue

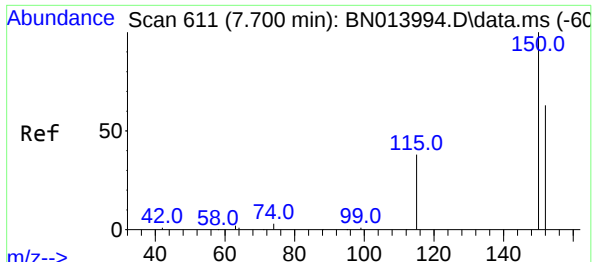
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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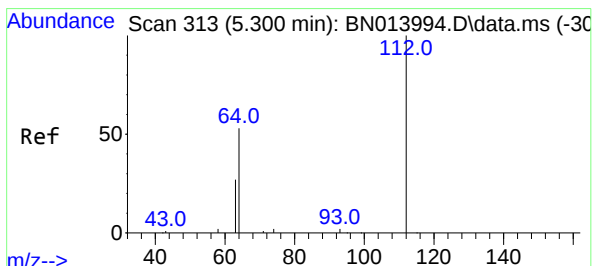
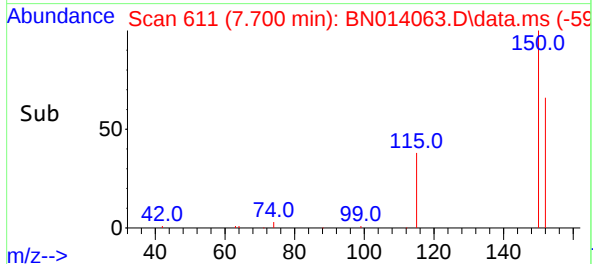
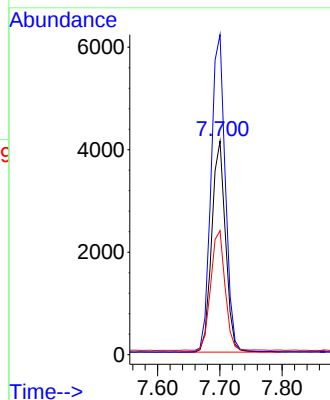
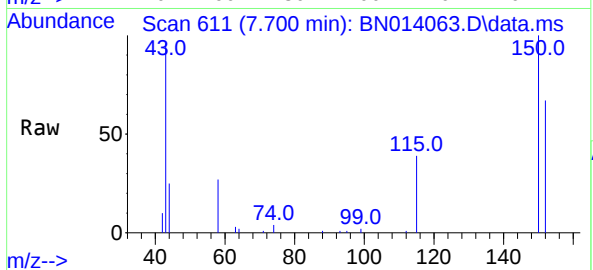




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

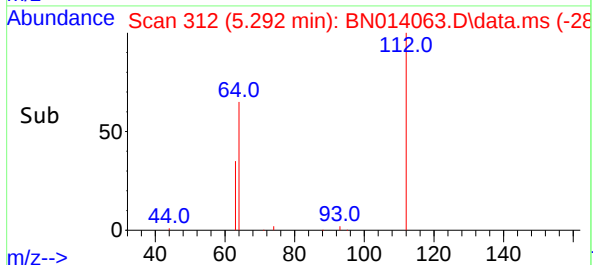
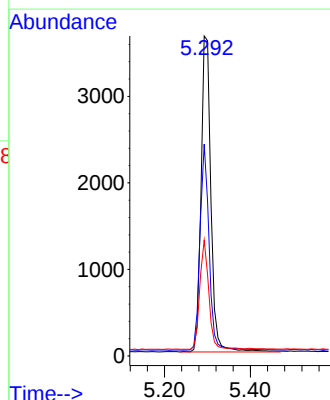
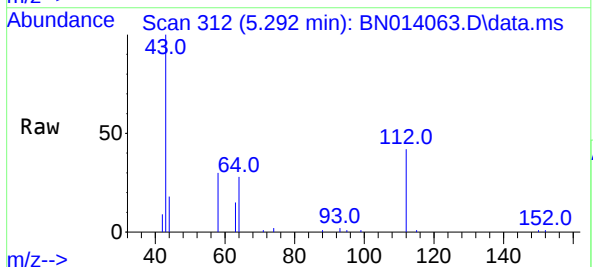
Instrument :
BNA_N
ClientSampled :
SP5509

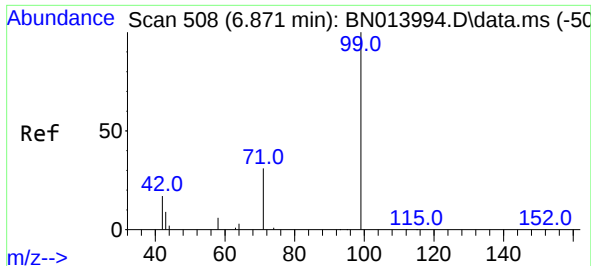
Tgt Ion:152 Resp: 6373
Ion Ratio Lower Upper
152 100
150 149.8 121.8 182.8
115 58.1 46.6 69.8



#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.292 min Scan# 312
Delta R.T. -0.008 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

Tgt Ion:112 Resp: 5817
Ion Ratio Lower Upper
112 100
64 60.3 44.3 66.5
63 31.1 23.0 34.6

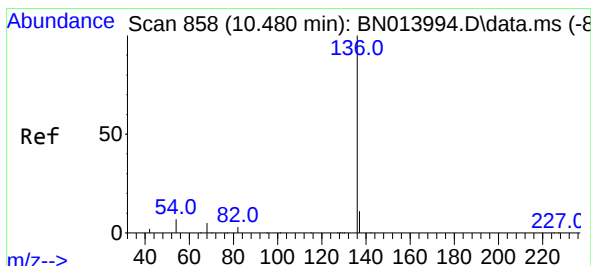
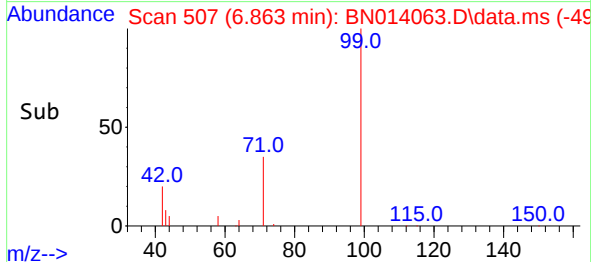
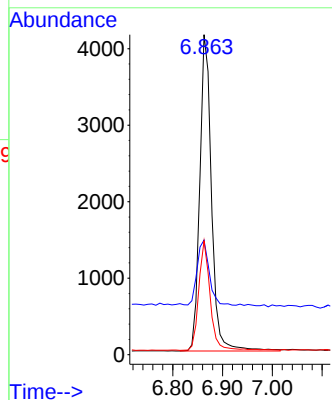
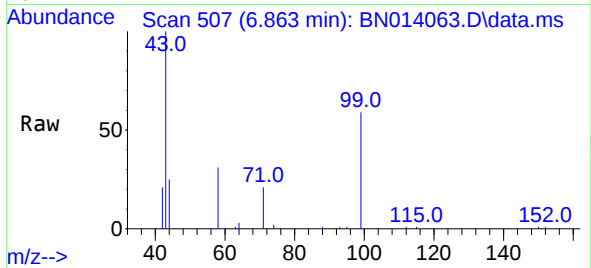




#5
Phenol-d6
Concen: 0.36 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.008 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

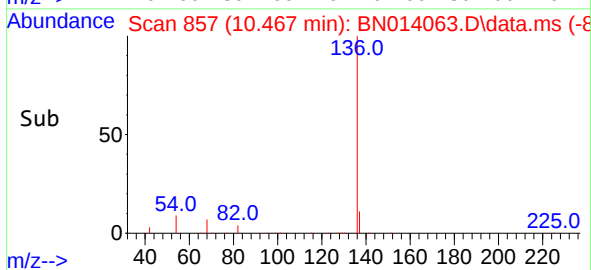
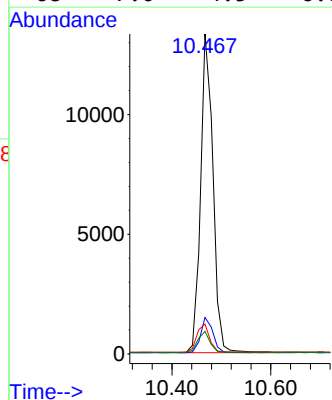
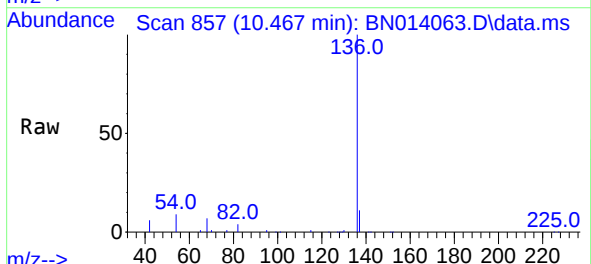
Instrument :
BNA_N
ClientSampled :
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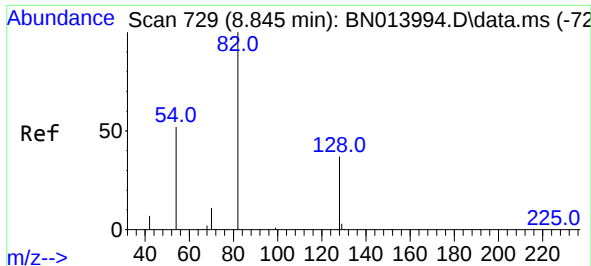
Tgt Ion: 99 Resp: 6770
Ion Ratio Lower Upper
99 100
42 21.0 15.2 22.8
71 33.8 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.013 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

Tgt Ion: 136 Resp: 23187
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.3 6.4 9.6
68 7.0 4.5 6.7#

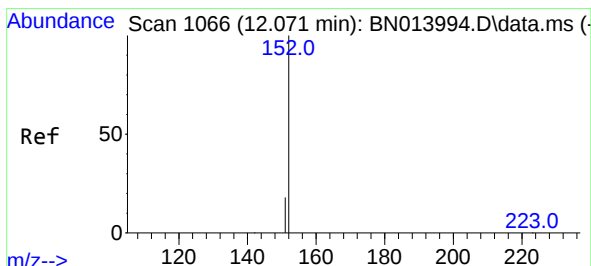
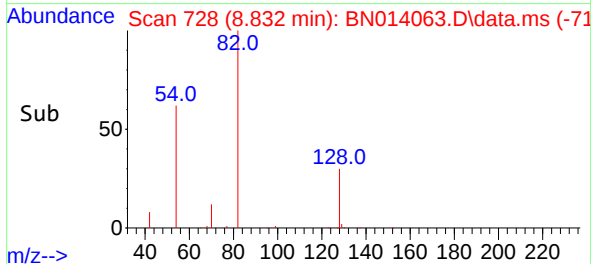
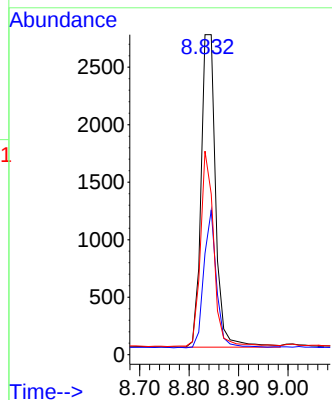
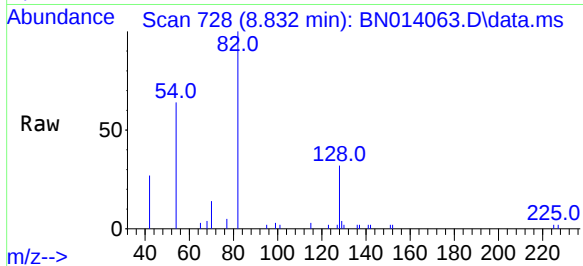




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.013 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

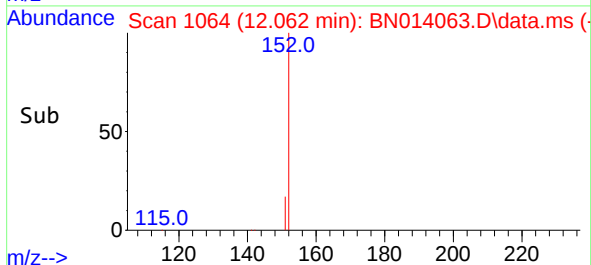
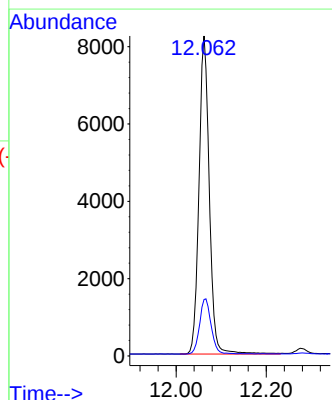
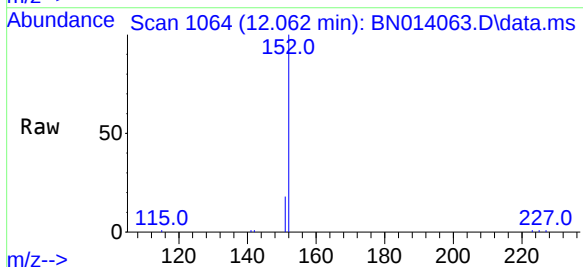
Instrument :
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ClientSampled :
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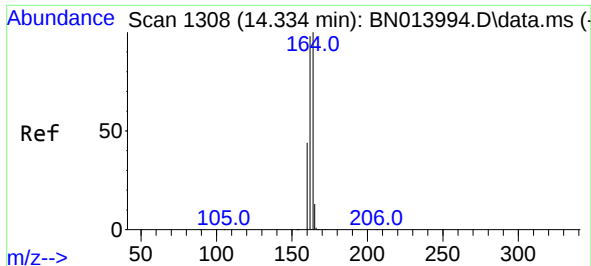
Tgt Ion: 82 Resp: 5595
Ion Ratio Lower Upper
82 100
128 31.7 39.2 58.8#
54 63.6 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.009 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

Tgt Ion: 152 Resp: 13064
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2

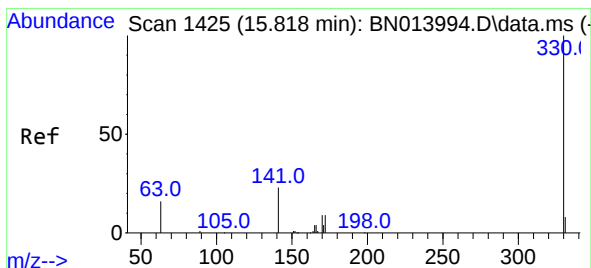
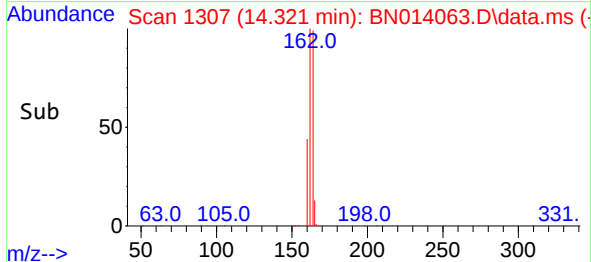
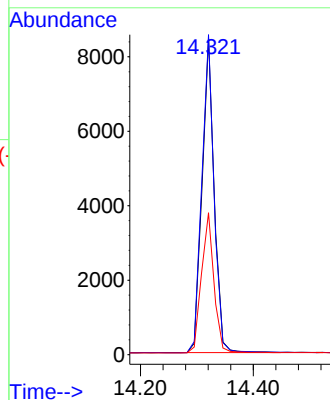
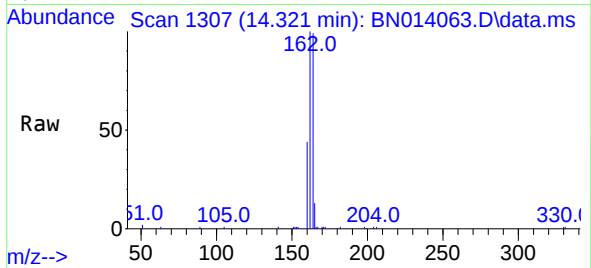




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

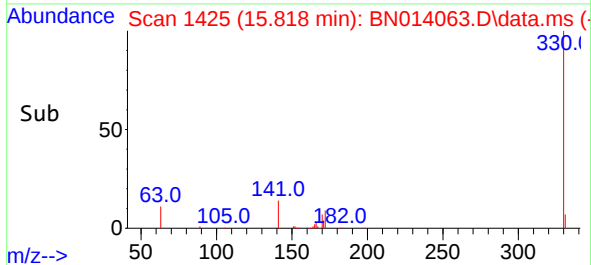
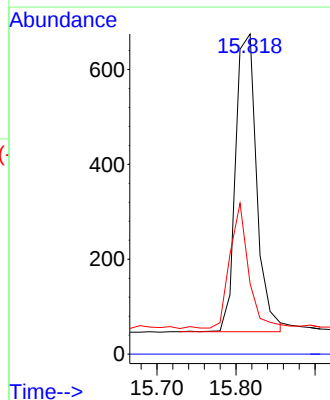
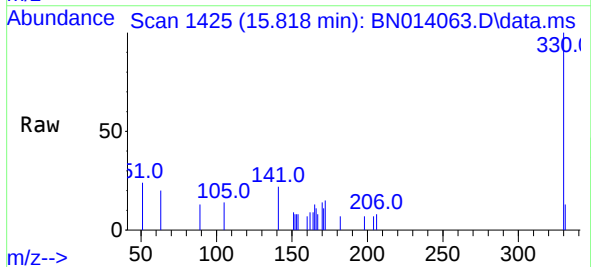
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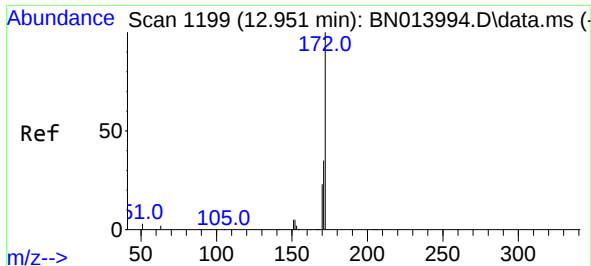
Tgt Ion:164 Resp: 12587
Ion Ratio Lower Upper
164 100
162 101.0 79.6 119.4
160 44.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

Tgt Ion:330 Resp: 1164
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.7 26.8 40.2

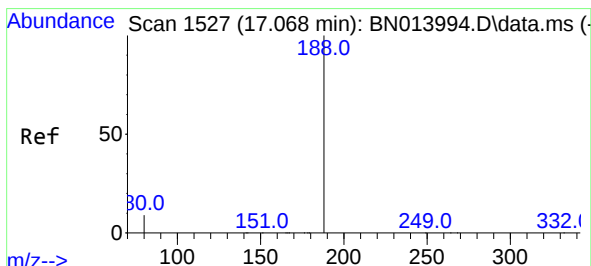
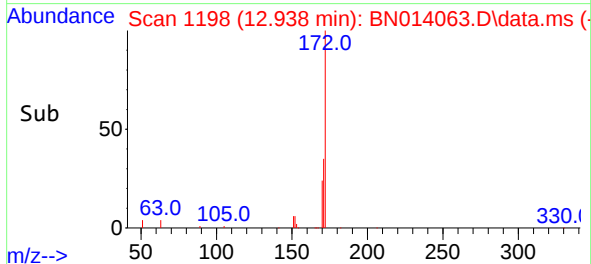
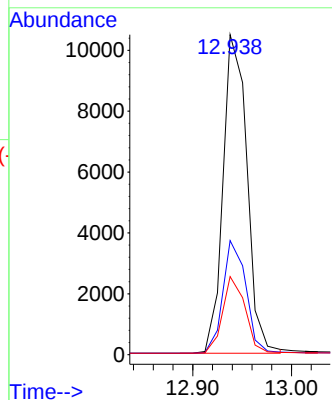
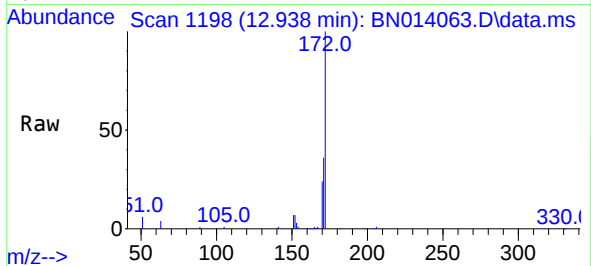




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.013 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

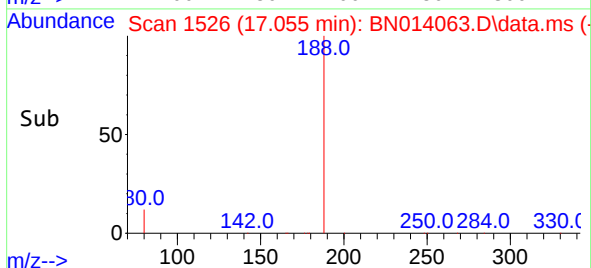
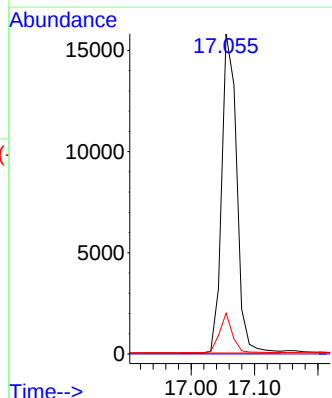
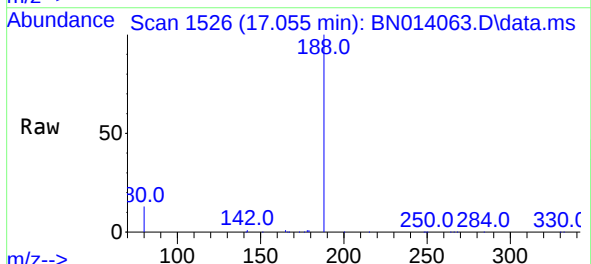
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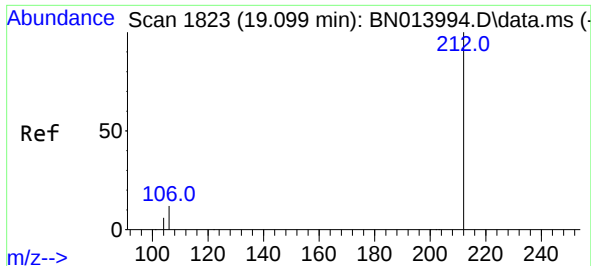
Tgt Ion:	172	Resp:	17648
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	42.8
170	24.4	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

Tgt Ion:	188	Resp:	25925
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.7	9.0	13.6

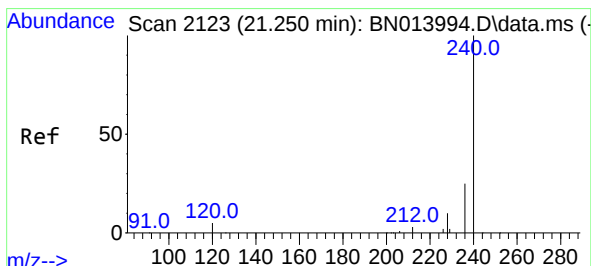
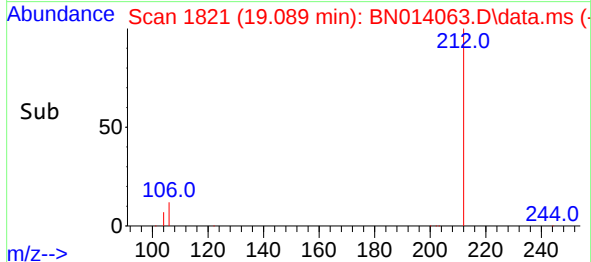
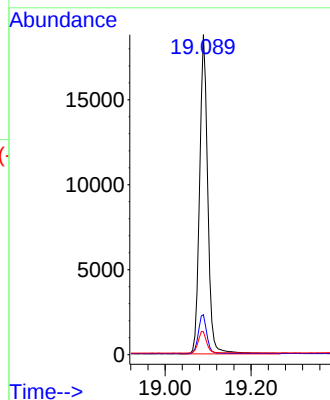
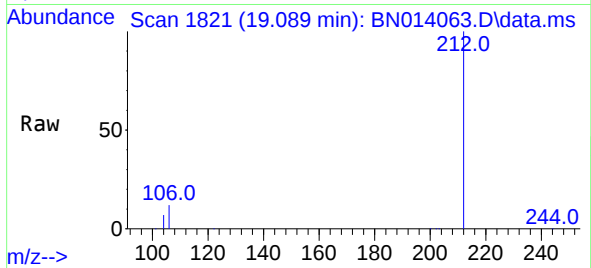




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.089 min Scan# 1821
Delta R.T. -0.010 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

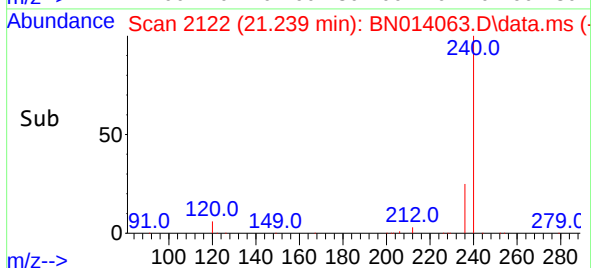
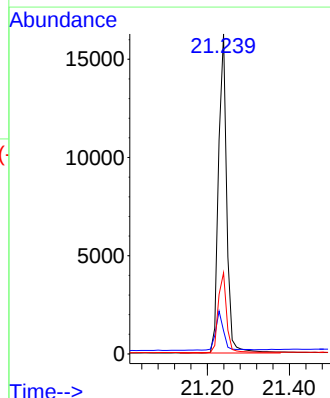
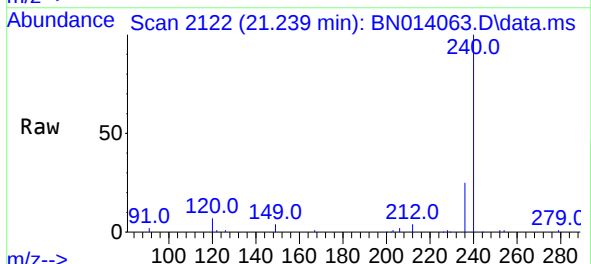
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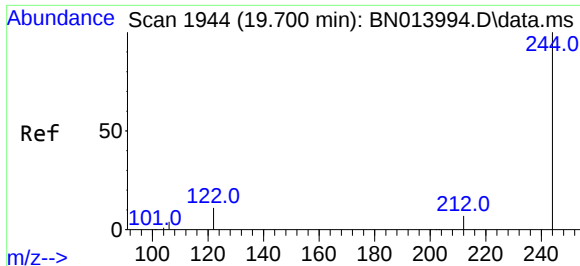
Tgt Ion:212 Resp: 24696
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.0 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN014063.D
Acq: 24 Mar 2021 05:52

Tgt Ion:240 Resp: 22403
Ion Ratio Lower Upper
240 100
120 7.2 10.2 15.4#
236 25.3 21.3 31.9

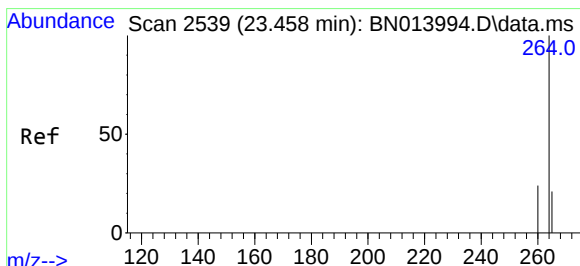
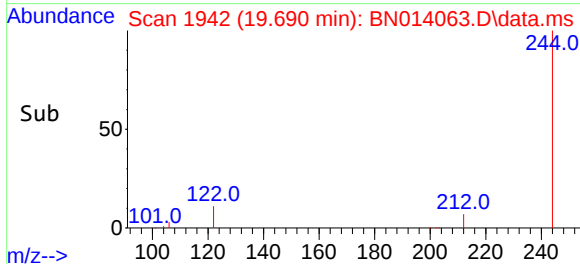
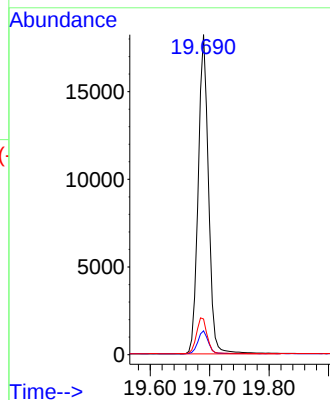
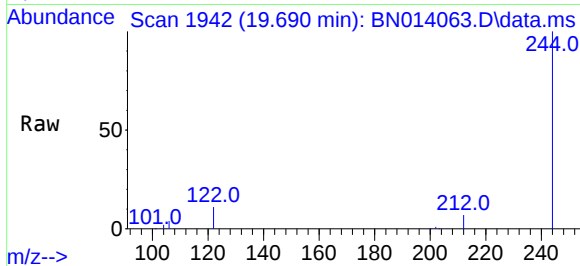




#31
 Terphenyl-d14
 Concen: 0.44 ng
 RT: 19.690 min Scan# 1942
 Delta R.T. -0.010 min
 Lab File: BN014063.D
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Tgt Ion:244	Resp:	21862
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.1 9.1
122	11.2	9.8 14.8



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.445 min Scan# 2535
 Delta R.T. -0.014 min
 Lab File: BN014063.D
 Acq: 24 Mar 2021 05:52

Tgt Ion:264	Resp:	22997
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.3 28.9
265	33.6	66.2 99.4#

