

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
 Data File : BN013801.D
 Acq On : 01 Mar 2021 21:39
 Operator : CG/JU
 Sample : SP5490
 Misc : 8270 SIM SURROGATE
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5490

Quant Time: Mar 01 23:30:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	6761	0.40	ng	0.00
7) Naphthalene-d8	10.517	136	25726	0.40	ng	-0.01
13) Acenaphthene-d10	14.371	164	12701	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25960	0.40	ng	#-0.01
29) Chrysene-d12	21.300	240	20686	0.40	ng	# 0.00
36) Perylene-d12	23.541	264	19477	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	5670	0.31	ng	0.00
5) Phenol-d6	6.895	99	7045	0.29	ng	0.00
8) Nitrobenzene-d5	8.870	82	5725	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	17715	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1157	0.22	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	17019	0.38	ng	-0.01
27) Fluoranthene-d10	19.146	212	21861	0.29	ng	-0.01
31) Terphenyl-d14	19.751	244	17894	0.39	ng	-0.01

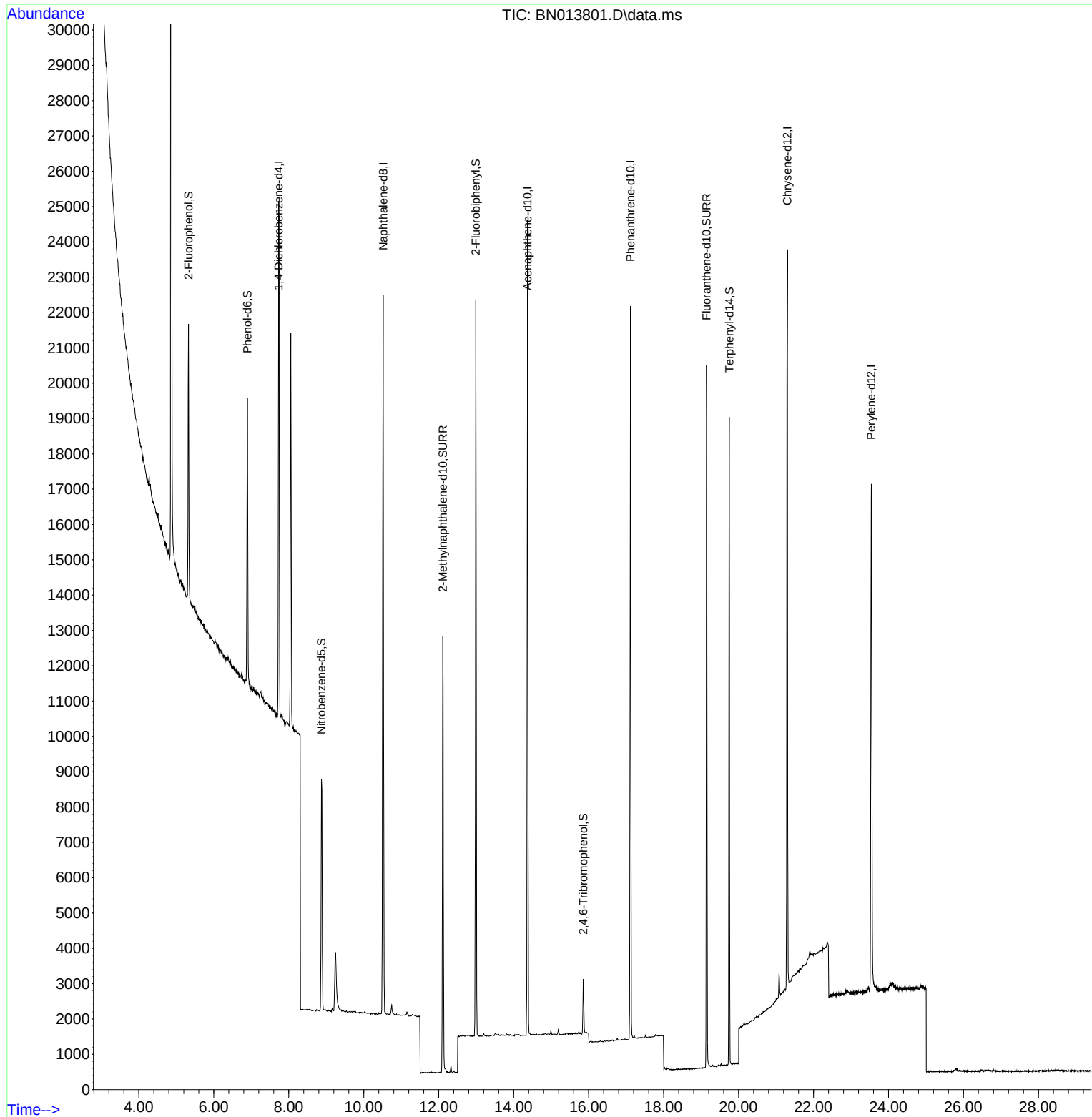
Target Compounds	Qvalue
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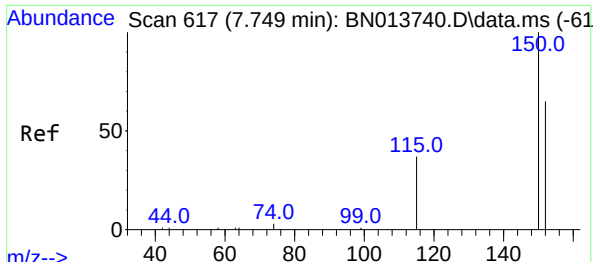
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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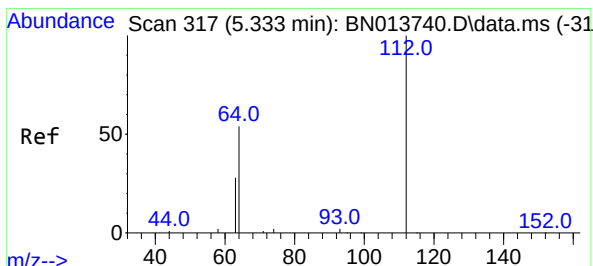
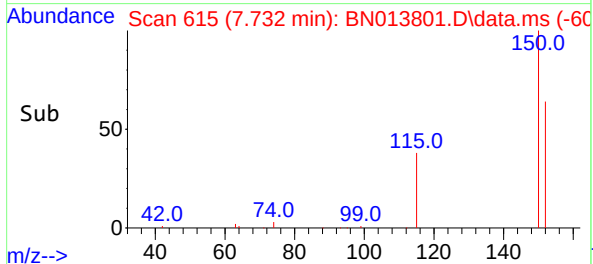
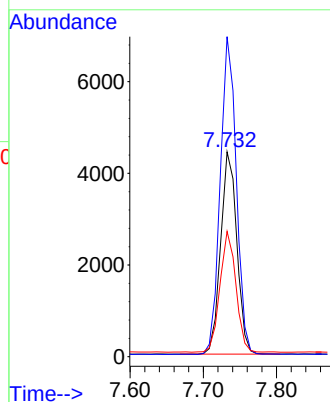
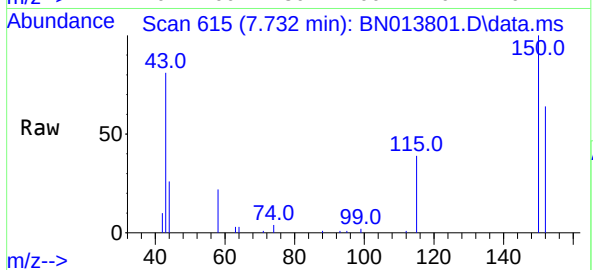




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.732 min Scan# 615
Delta R.T. -0.009 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

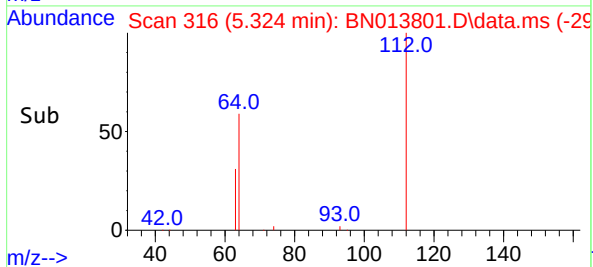
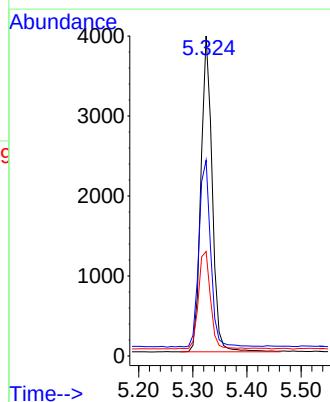
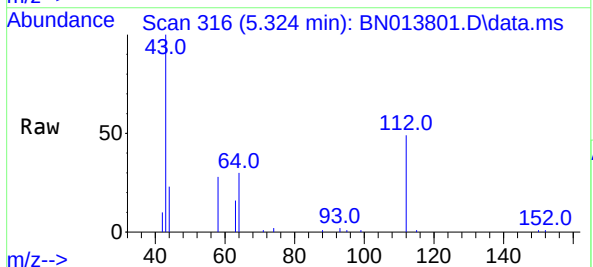
Instrument :
BNA_N
ClientSampleId :
SP5490

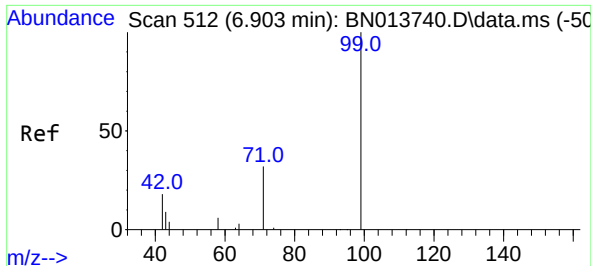
Tgt Ion:152 Resp: 6761
Ion Ratio Lower Upper
152 100
150 156.2 121.8 182.8
115 61.2 46.6 69.8



#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Tgt Ion:112 Resp: 5670
Ion Ratio Lower Upper
112 100
64 62.5 44.3 66.5
63 33.0 23.0 34.6

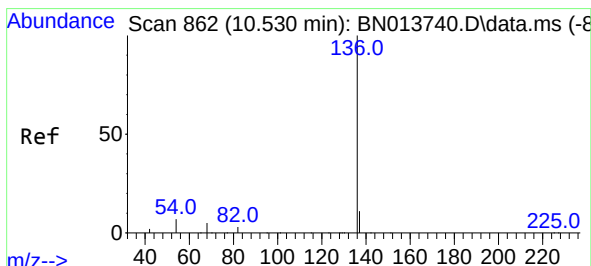
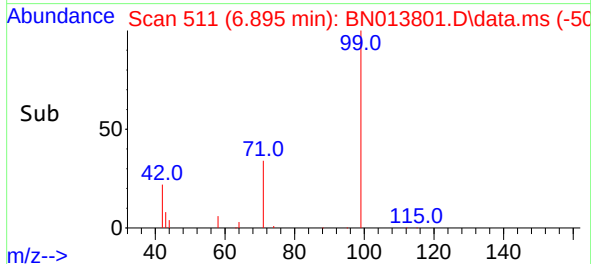
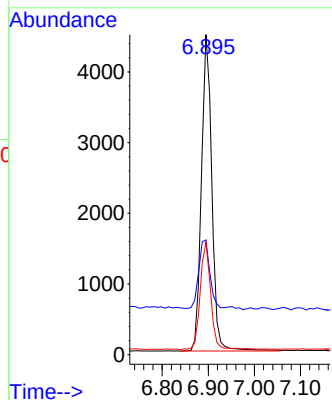
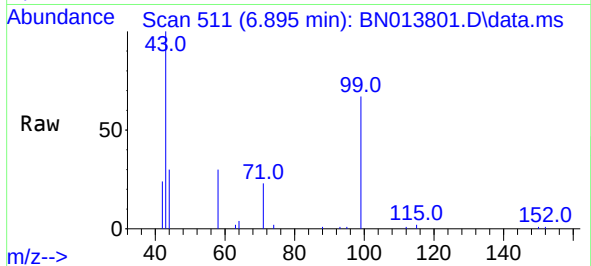




#5
Phenol-d6
Concen: 0.29 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

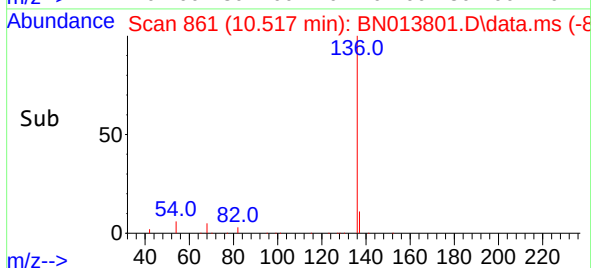
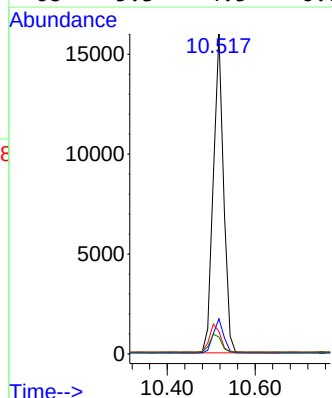
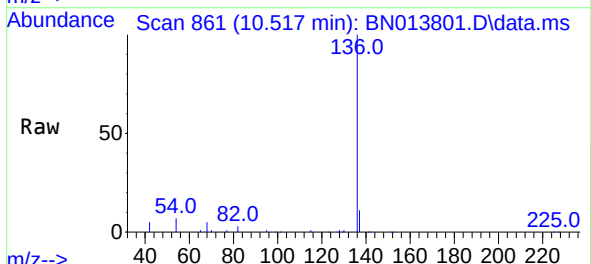
Instrument :
BNA_N
ClientSampleId :
SP5490

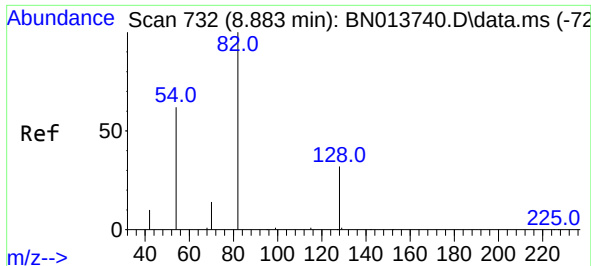
Tgt Ion: 99 Resp: 7045
Ion Ratio Lower Upper
99 100
42 22.9 15.2 22.8#
71 34.2 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.517 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Tgt Ion: 136 Resp: 25726
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.0 6.4 9.6
68 5.3 4.5 6.7

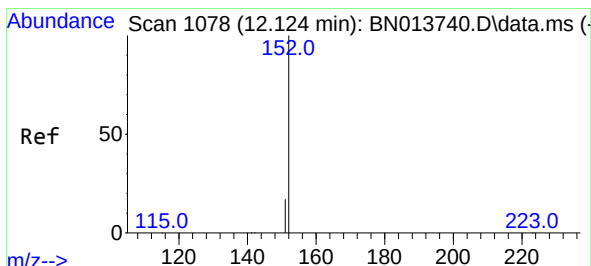
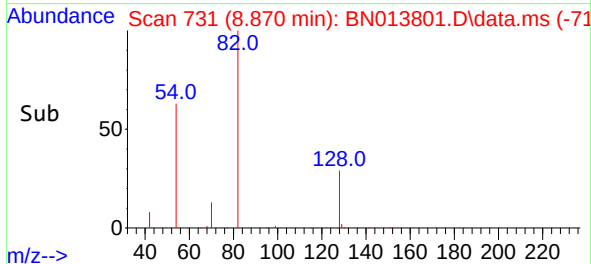
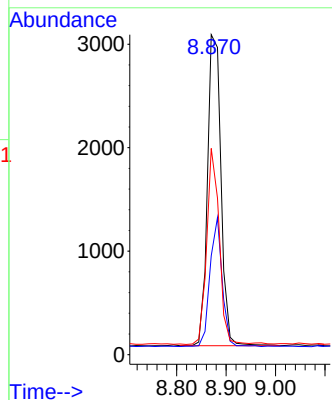
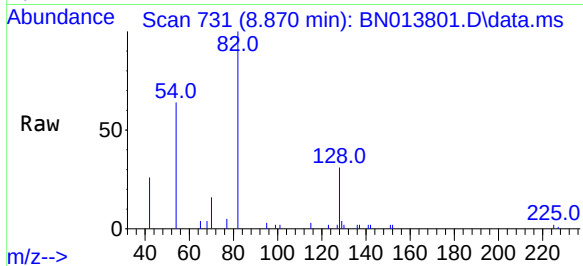




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

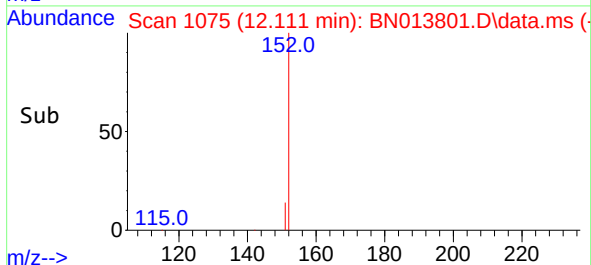
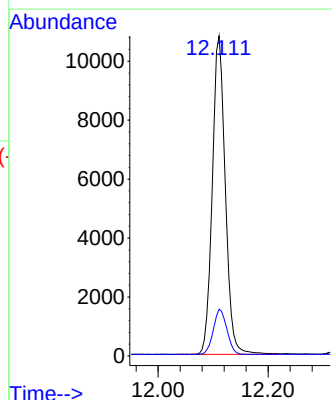
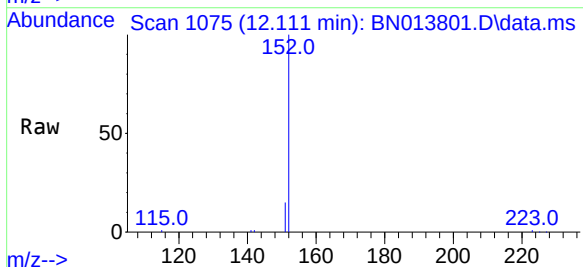
Instrument :
BNA_N
ClientSampleId :
SP5490

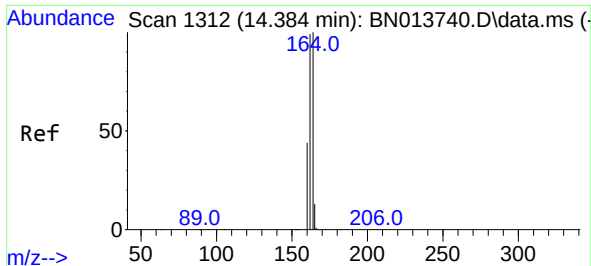
Tgt Ion: 82 Resp: 5725
Ion Ratio Lower Upper
82 100
128 30.9 39.2 58.8#
54 64.5 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.43 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Tgt Ion: 152 Resp: 17715
Ion Ratio Lower Upper
152 100
151 14.8 16.2 24.2#

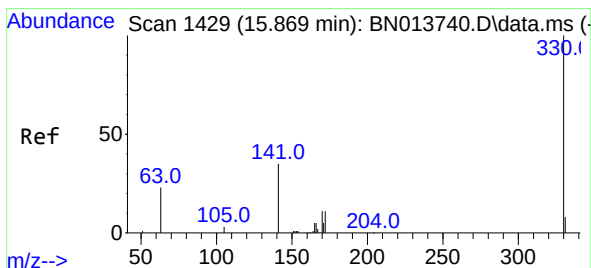
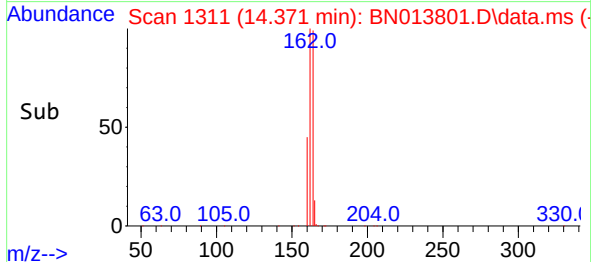
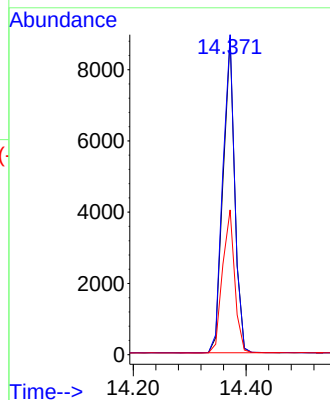
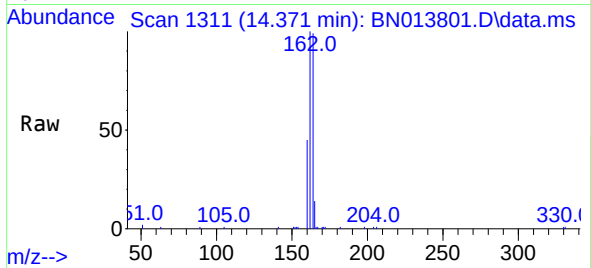




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

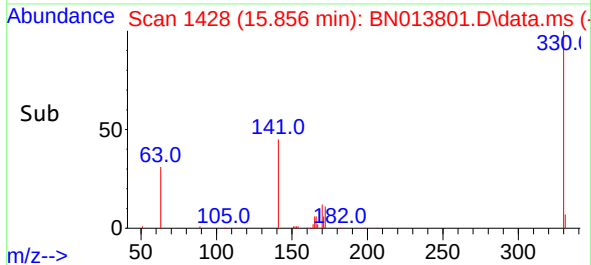
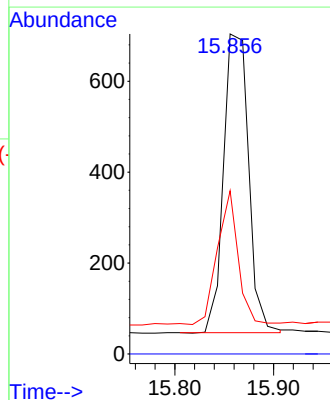
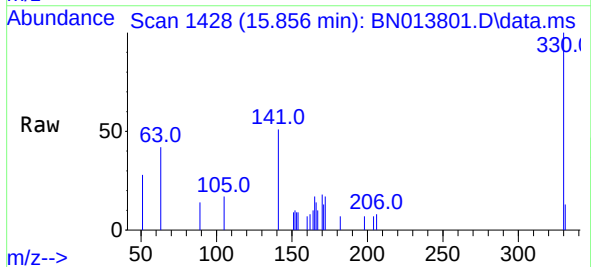
Instrument :
BNA_N
ClientSampleId :
SP5490

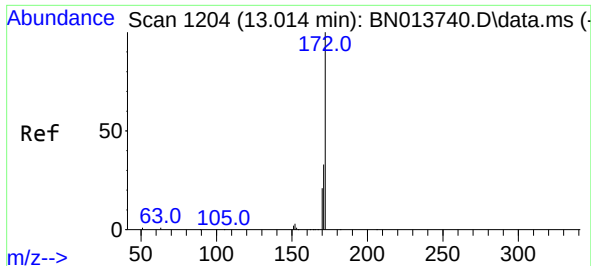
Tgt Ion:164 Resp: 12701
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 45.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Tgt Ion:330 Resp: 1157
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.6 26.8 40.2

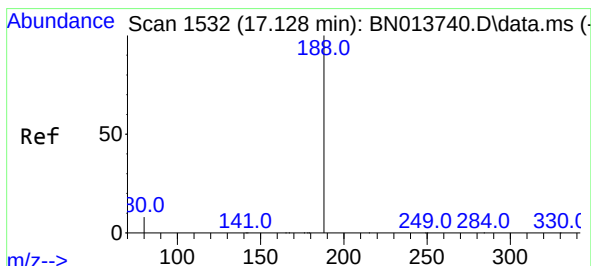
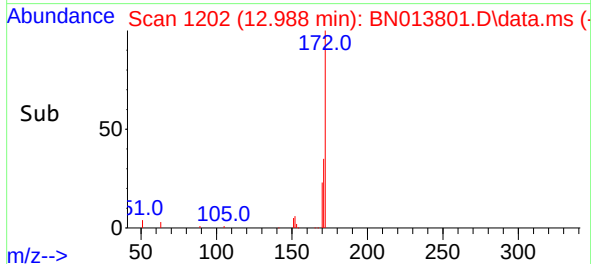
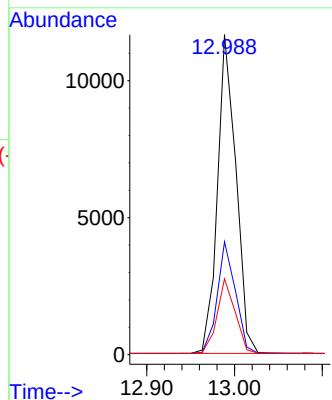
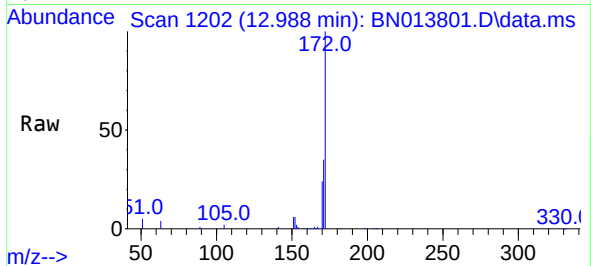




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.988 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

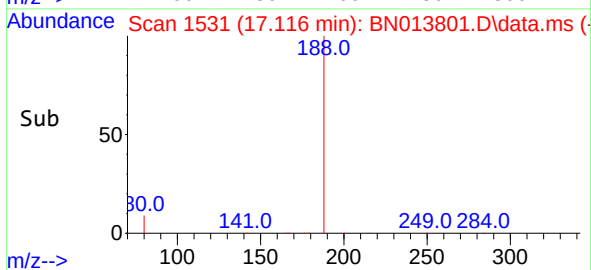
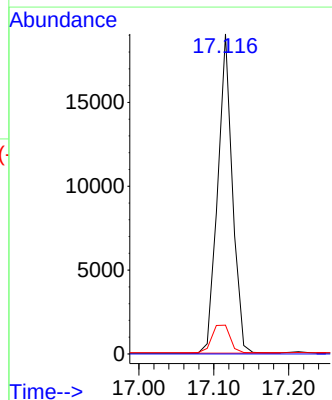
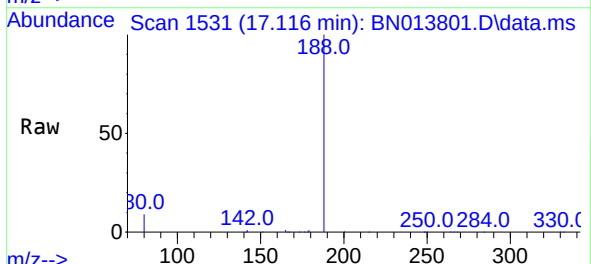
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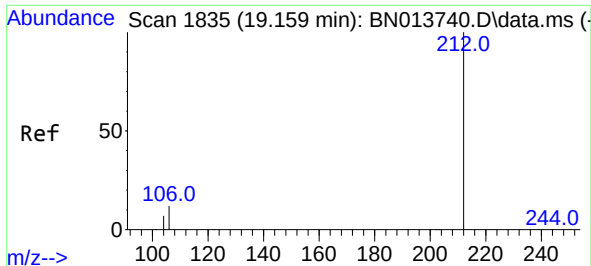
Tgt Ion:	172	Resp:	17019
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.6	42.8
170	23.7	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Tgt Ion:	188	Resp:	25960
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.0	9.0	13.6#

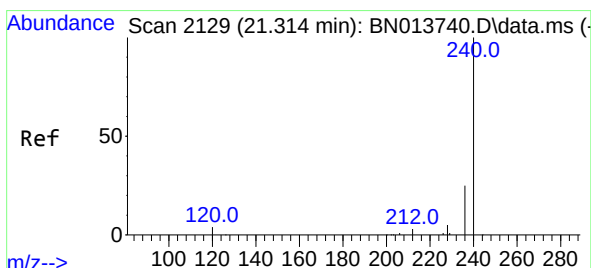
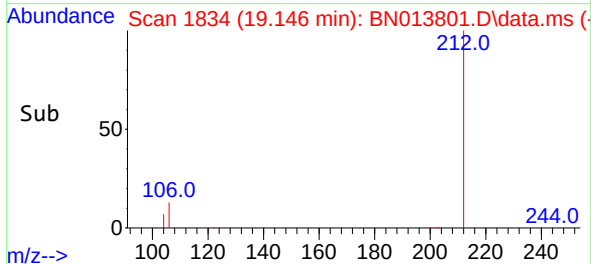
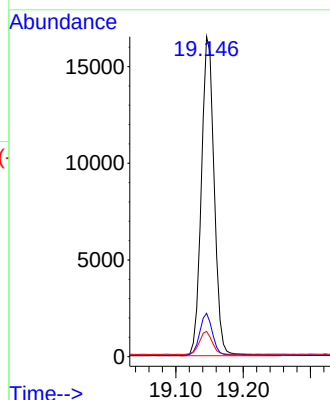
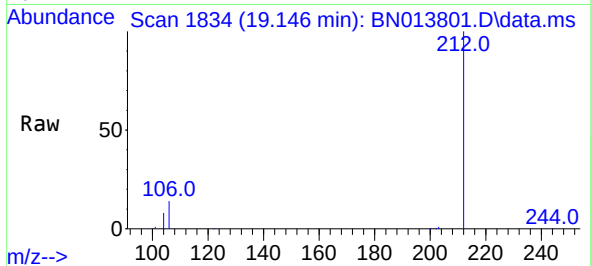




#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.146 min Scan# 1834
Delta R.T. -0.010 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

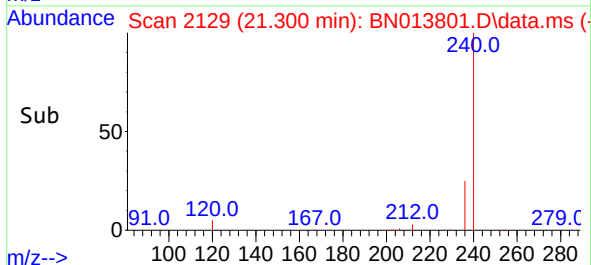
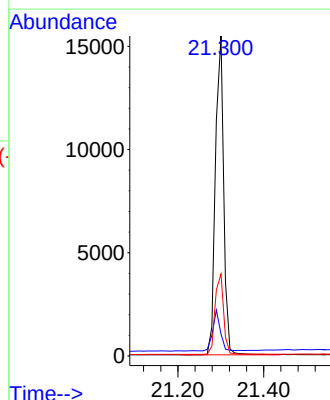
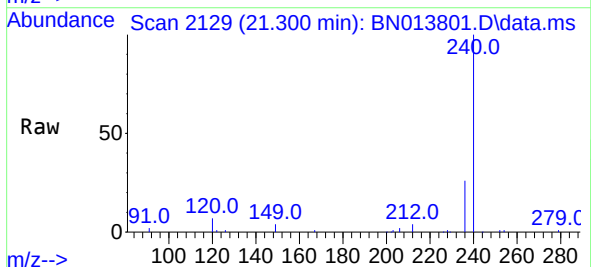
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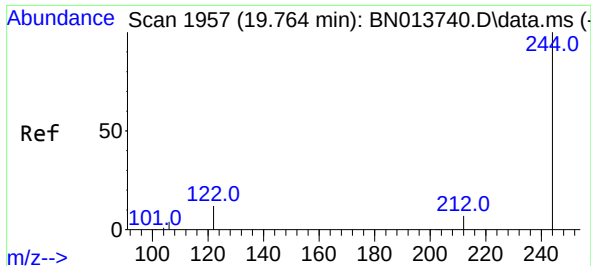
Tgt Ion:	212	Resp:	21861
Ion Ratio	Lower	Upper	
212	100		
106	13.1	9.7	14.5
104	7.1	5.5	8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Tgt Ion:	240	Resp:	20686
Ion Ratio	Lower	Upper	
240	100		
120	6.9	10.2	15.4#
236	25.7	21.3	31.9

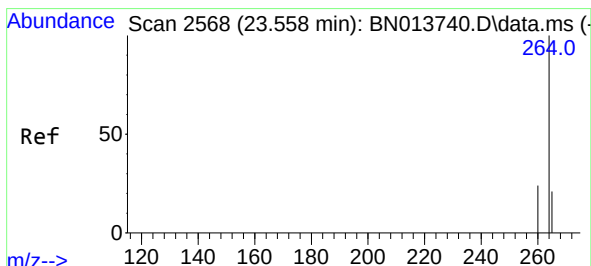
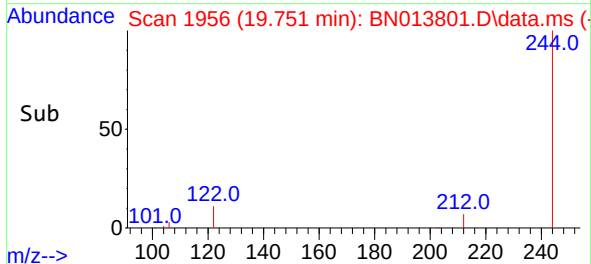
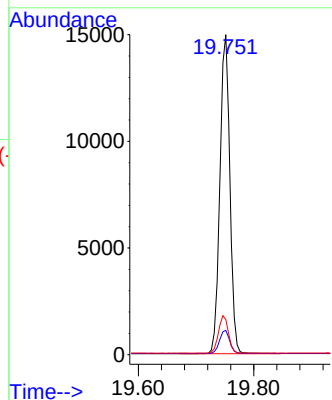
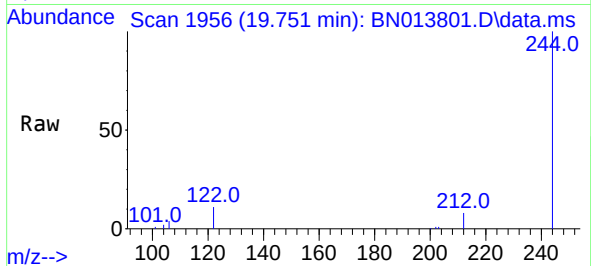




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.751 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Instrument :
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ClientSampleId :
SP5490

Tgt Ion:244 Resp: 17894
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.0 9.8 14.8



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.541 min Scan# 2565
Delta R.T. -0.010 min
Lab File: BN013801.D
Acq: 01 Mar 2021 21:39

Tgt Ion:264 Resp: 19477
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 37.4 66.2 99.4#

