

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
 Data File : BN013792.D
 Acq On : 01 Mar 2021 15:04
 Operator : CG/JU
 Sample : PB134867BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB134867BL

Quant Time: Mar 01 16:05:08 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	7.733	152	8419	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	31627	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	16641	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	35357	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	31926	0.40	ng	# 0.00
36) Perylene-d12	23.551	264	30676	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	7454	0.33	ng	0.00
5) Phenol-d6	6.895	99	9291	0.31	ng	0.00
8) Nitrobenzene-d5	8.870	82	7779	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	16514	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1598	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	23602	0.40	ng	-0.01
27) Fluoranthene-d10	19.149	212	31642	0.30	ng	0.00
31) Terphenyl-d14	19.754	244	28447	0.40	ng	0.00

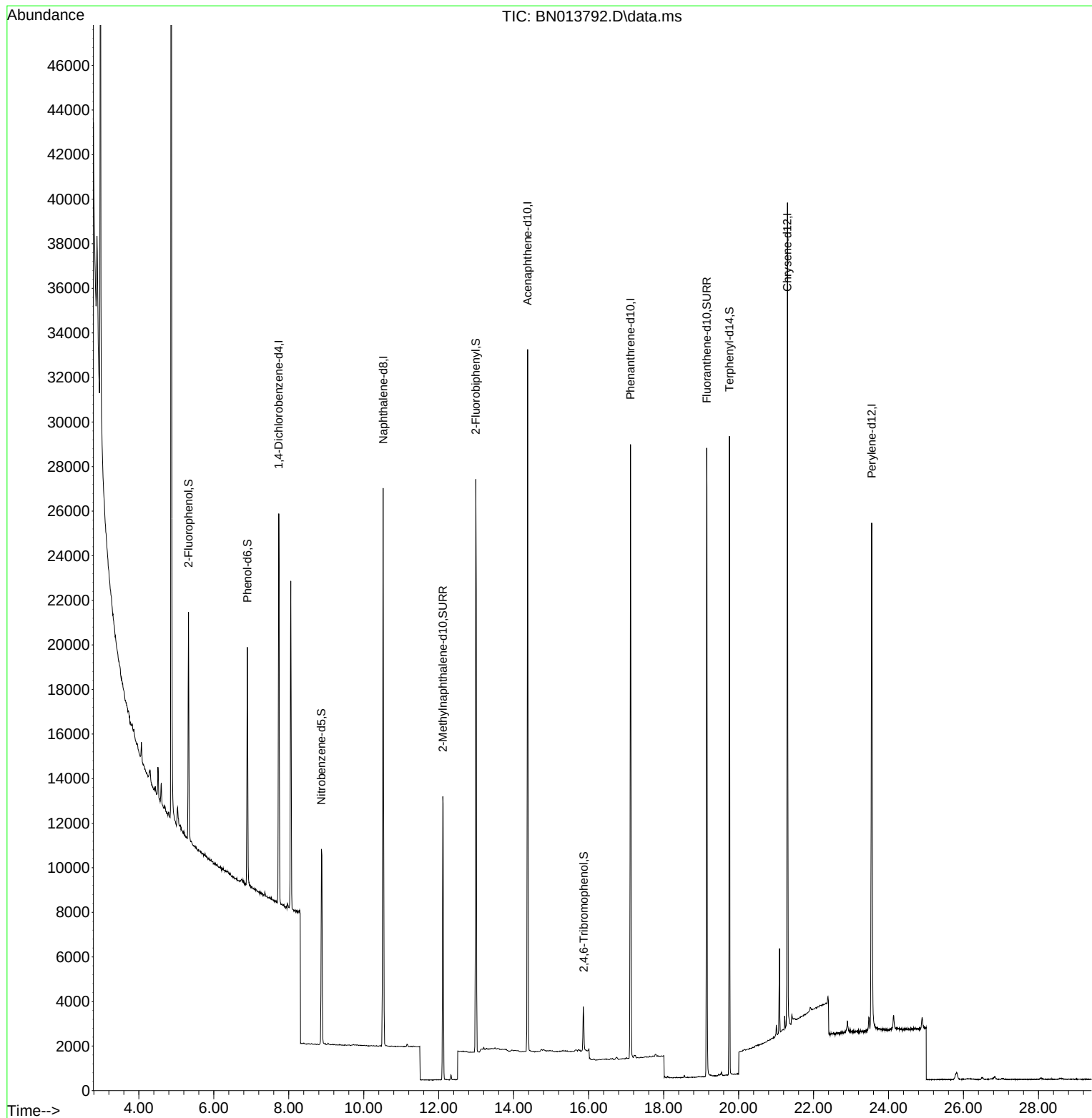
Target Compounds	Qvalue
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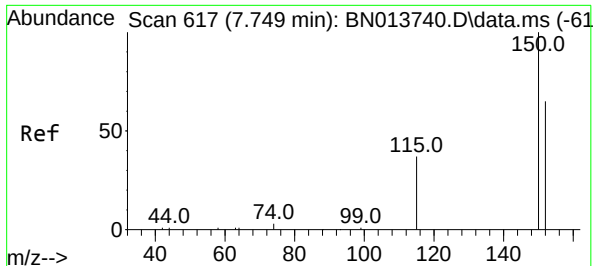
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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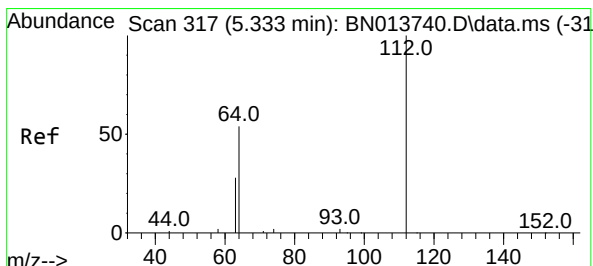
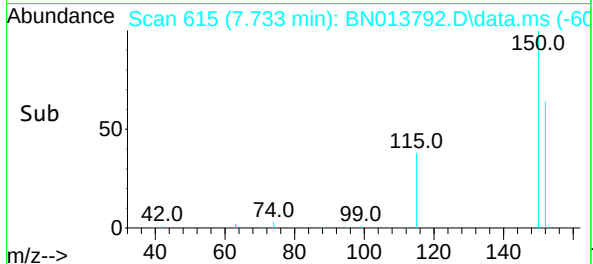
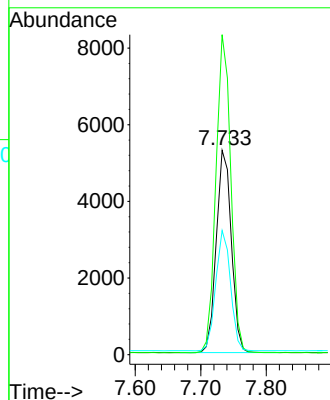
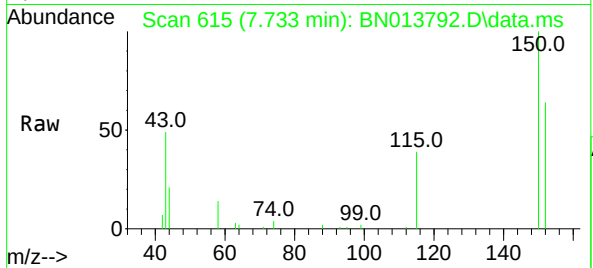




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.733 min Scan# 615
Delta R.T. -0.008 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

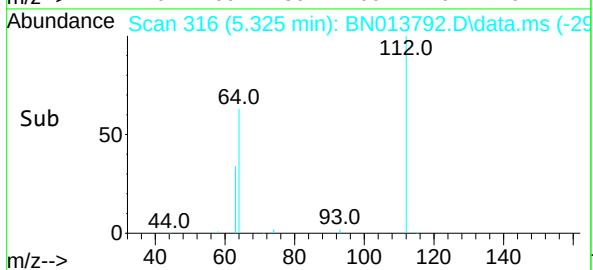
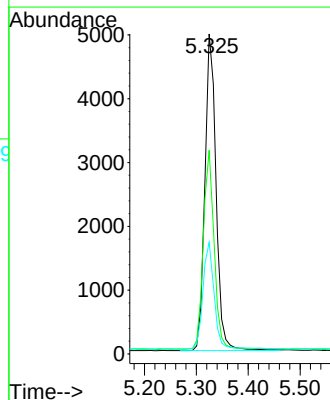
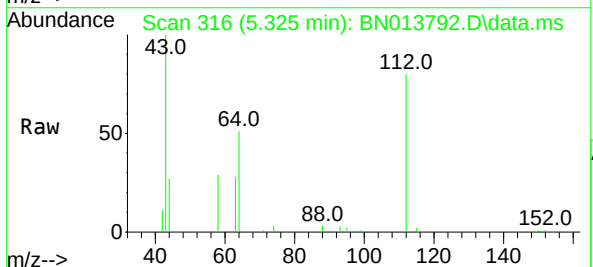
Instrument :
BNA_N
ClientSampled :
PB134867BL

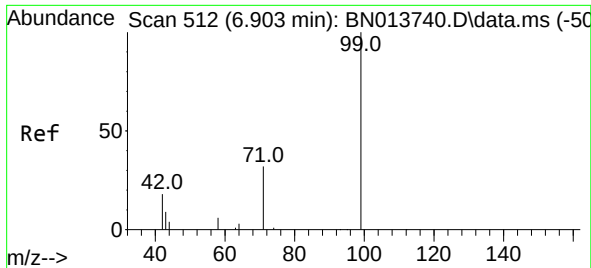
Tgt Ion:152 Resp: 8419
Ion Ratio Lower Upper
152 100
150 156.6 121.8 182.8
115 60.8 46.6 69.8



#4
2-Fluorophenol
Concen: 0.33 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Tgt Ion:112 Resp: 7454
Ion Ratio Lower Upper
112 100
64 61.2 44.3 66.5
63 33.4 23.0 34.6

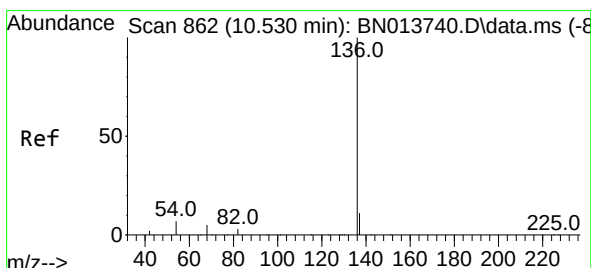
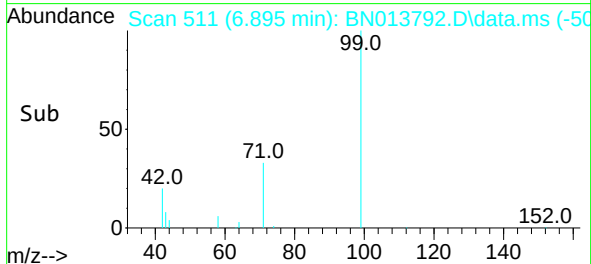
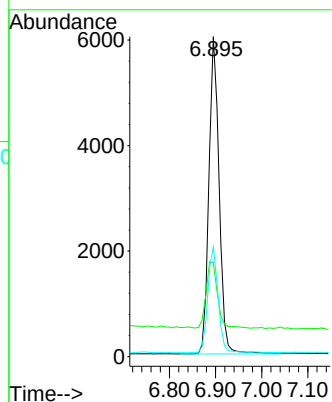
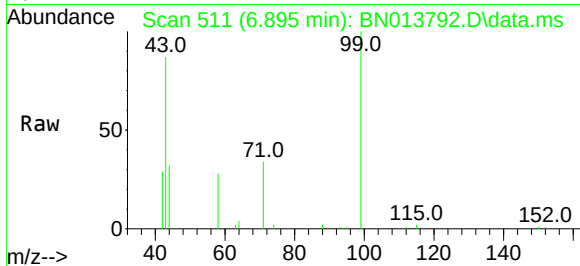




#5
Phenol-d6
Concen: 0.31 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

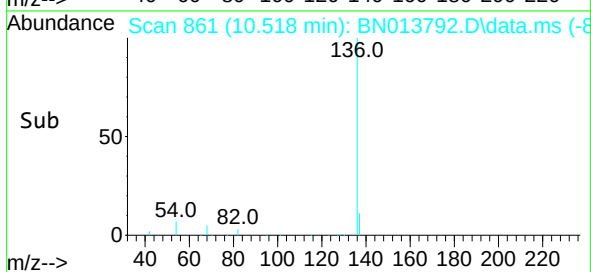
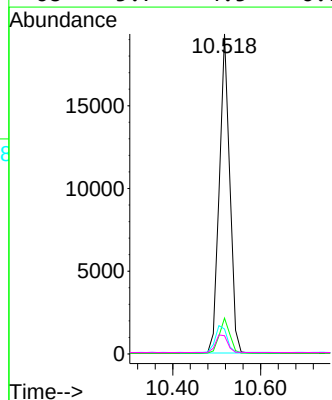
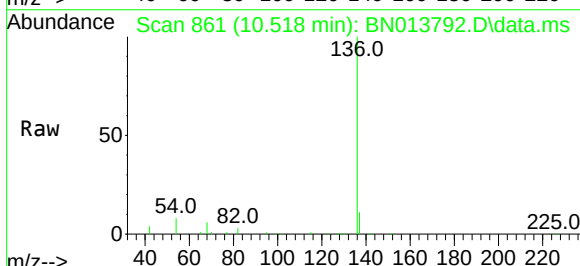
Instrument :
BNA_N
ClientSampled :
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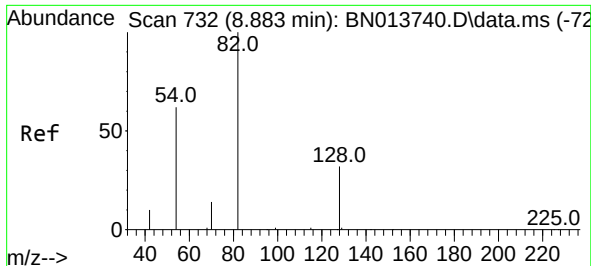
Tgt Ion:	99	Resp:	9291
Ion	Ratio	Lower	Upper
99	100		
42	23.1	15.2	22.8#
71	33.6	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Tgt Ion:	136	Resp:	31627
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.8	6.4	9.6
68	5.7	4.5	6.7

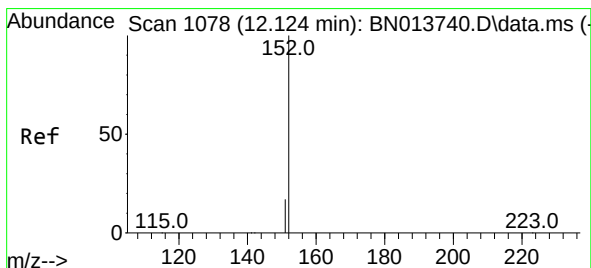
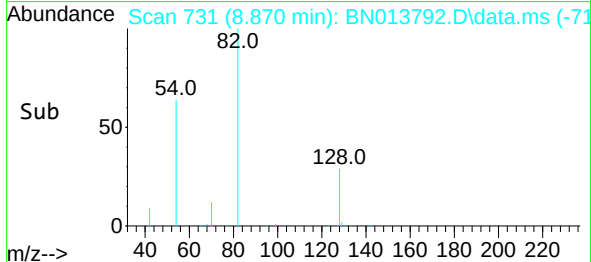
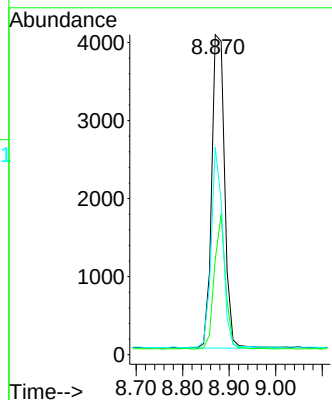
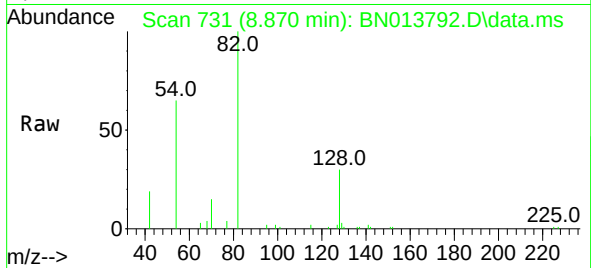




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

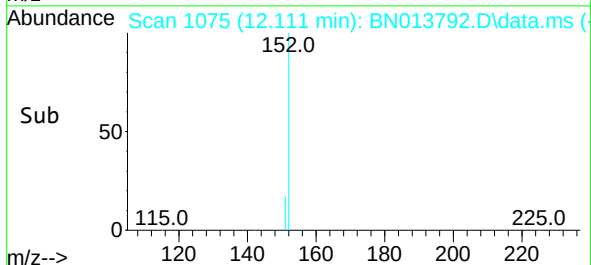
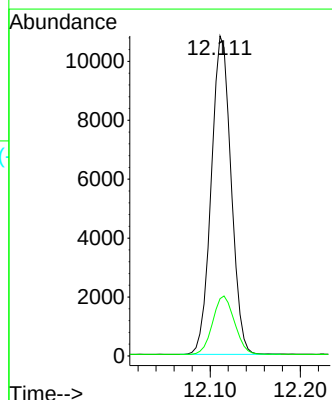
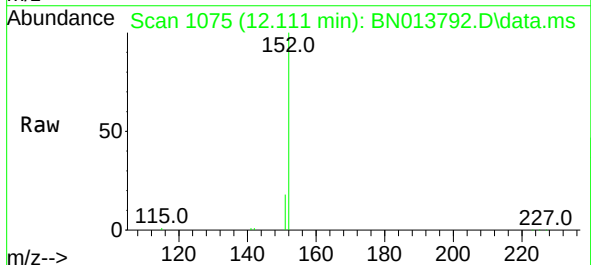
Instrument :
BNA_N
ClientSampleId :
PB134867BL

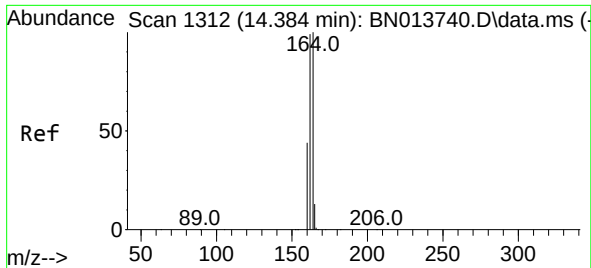
Tgt Ion: 82 Resp: 7779
Ion Ratio Lower Upper
82 100
128 29.8 39.2 58.8#
54 64.7 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Tgt Ion: 152 Resp: 16514
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

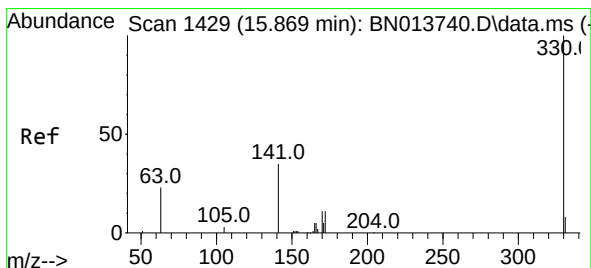
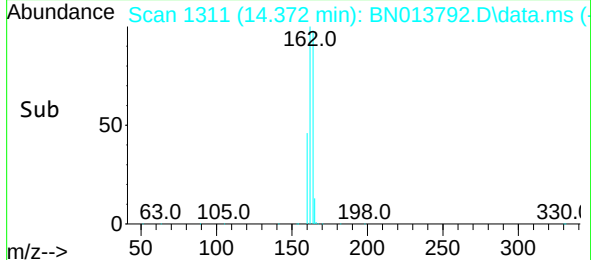
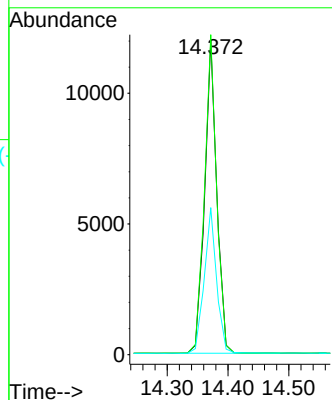
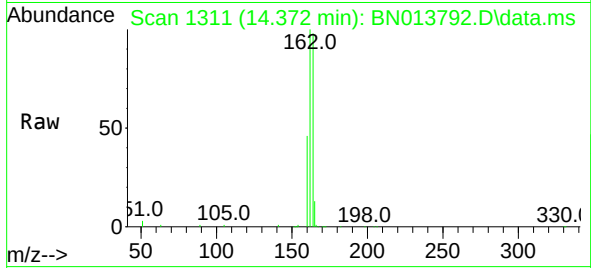




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

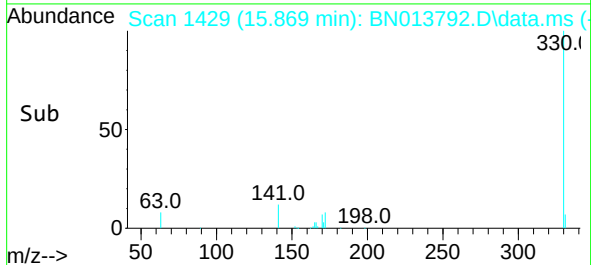
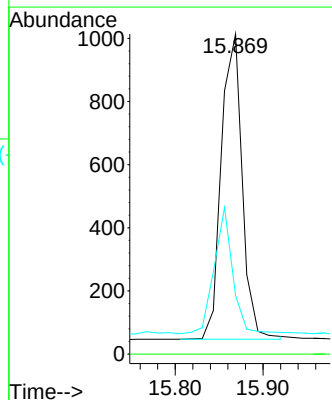
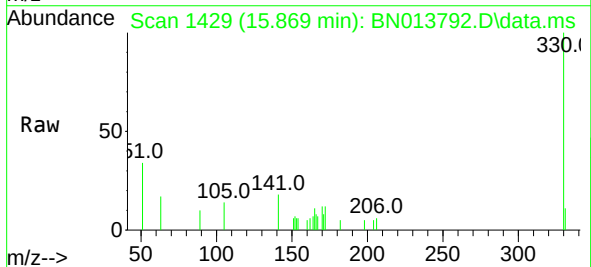
Instrument :
BNA_N
ClientSampleId :
PB134867BL

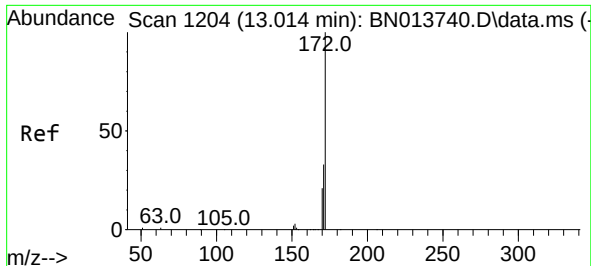
Tgt Ion:164 Resp: 16641
Ion Ratio Lower Upper
164 100
162 101.6 79.6 119.4
160 46.6 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Tgt Ion:330 Resp: 1598
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.6 26.8 40.2

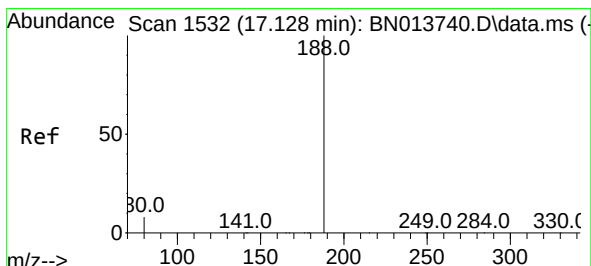
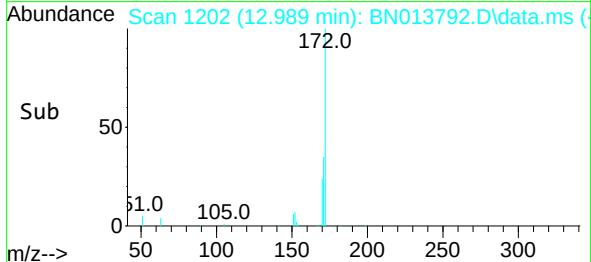
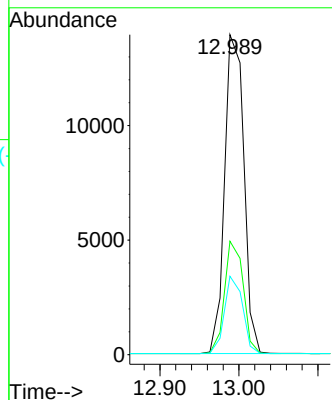
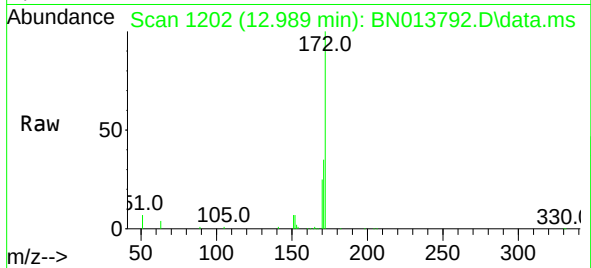




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

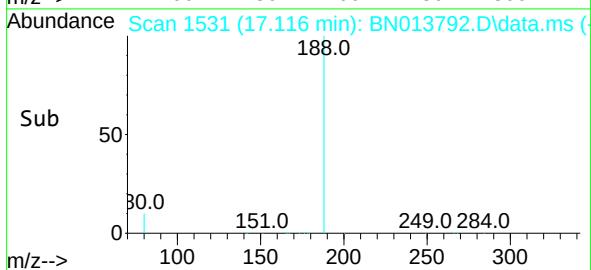
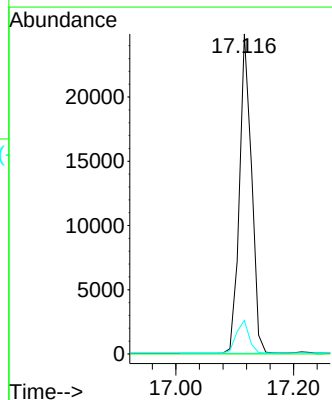
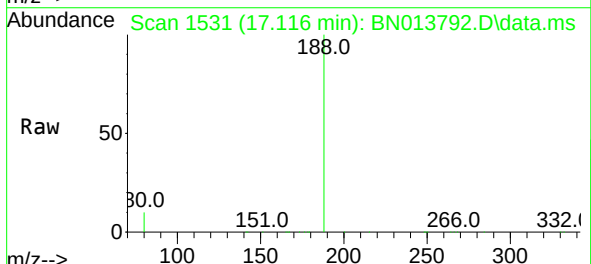
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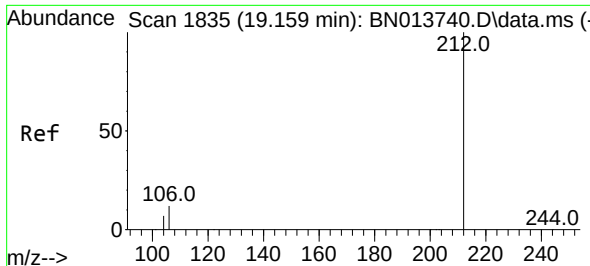
Tgt Ion:172 Resp: 23602
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.5 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Tgt Ion:188 Resp: 35357
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.6

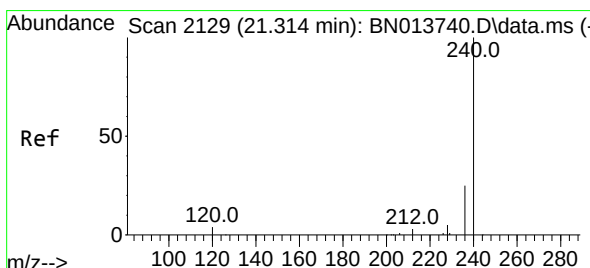
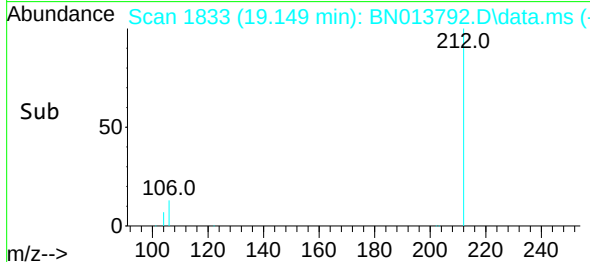
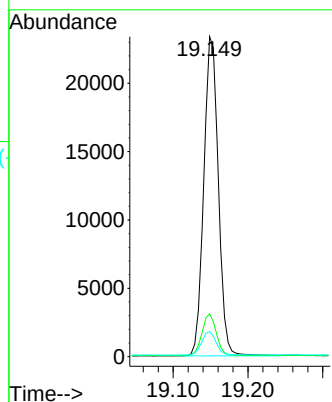
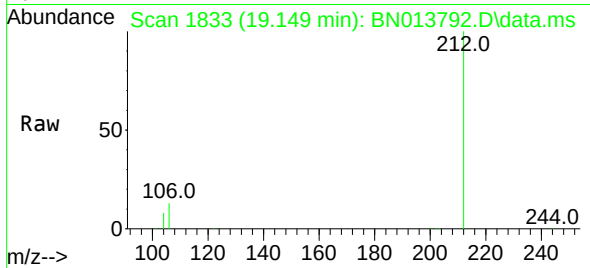




#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

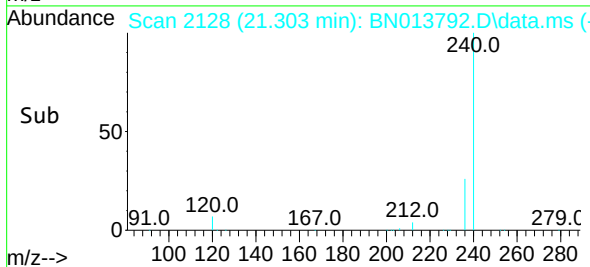
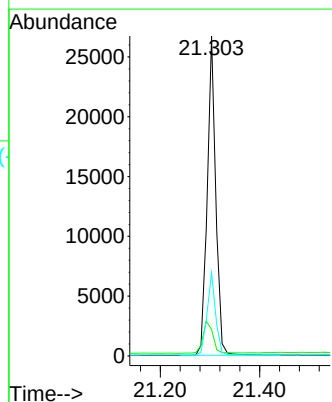
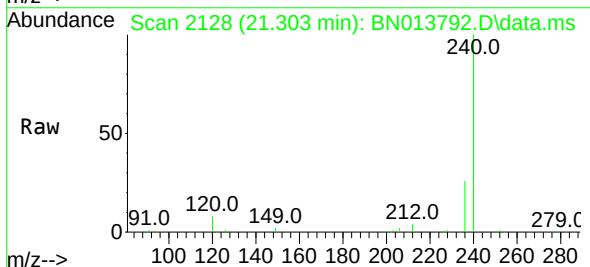
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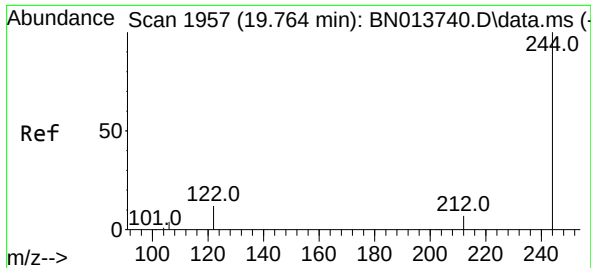
Tgt Ion:212 Resp: 31642
Ion Ratio Lower Upper
212 100
106 12.8 9.7 14.5
104 7.3 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Tgt Ion:240 Resp: 31926
Ion Ratio Lower Upper
240 100
120 8.3 10.2 15.4#
236 26.0 21.3 31.9

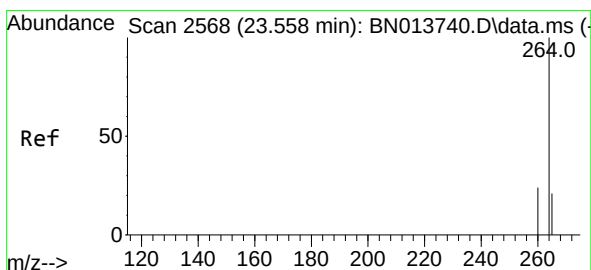
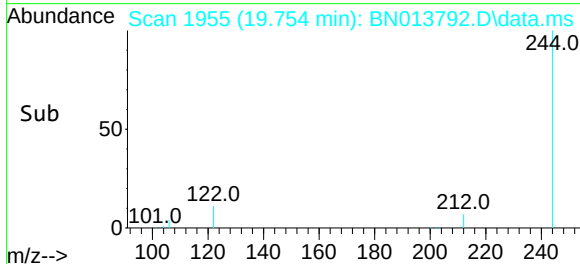
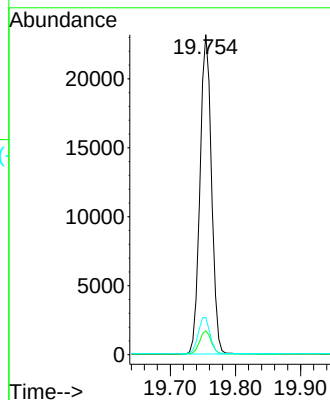
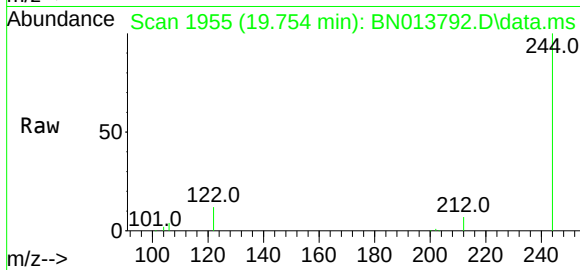




#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Instrument :
BNA_N
ClientSampleId :
PB134867BL

Tgt Ion:244 Resp: 28447
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 11.6 9.8 14.8



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2566
Delta R.T. -0.001 min
Lab File: BN013792.D
Acq: 01 Mar 2021 15:04

Tgt Ion:264 Resp: 30676
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 31.5 66.2 99.4#

