

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015399.D
 Acq On : 08 Jul 2021 08:21
 Operator : CG/JU
 Sample : SP5615
 Misc : 8270 SIM SURROGATE
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5615

Quant Time: Jul 08 08:51:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	15846	0.400	ng	# 0.00
7) Naphthalene-d8	10.482	136	72254	0.400	ng	0.00
13) Acenaphthene-d10	14.332	164	36872	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	70669	0.400	ng	0.00
29) Chrysene-d12	21.280	240	58518	0.400	ng	#-0.01
35) Perylene-d12	23.525	264	55954	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.374	112	20697	0.513	ng	0.04
5) Phenol-d6	6.904	99	23457	0.461	ng	0.00
8) Nitrobenzene-d5	8.860	82	25975	0.642	ng	0.00
11) 2-Methylnaphthalene-d10	12.074	152	54671	0.457	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6019	0.598	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	73586	0.491	ng	0.00
27) Fluoranthene-d10	19.122	212	95719	0.459	ng	0.00
31) Terphenyl-d14	19.723	244	77079	0.563	ng	0.00

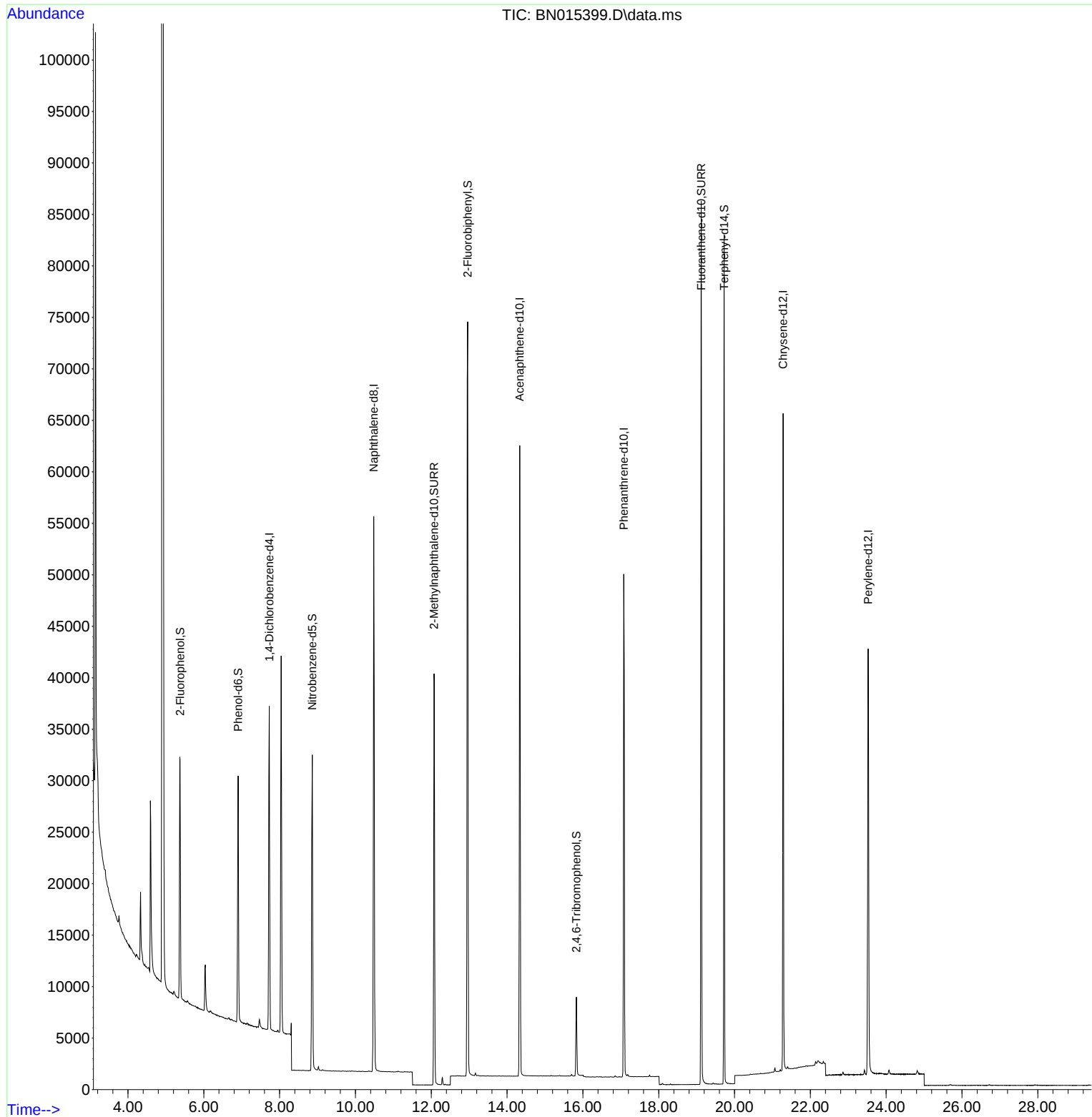
Target Compounds Qvalue

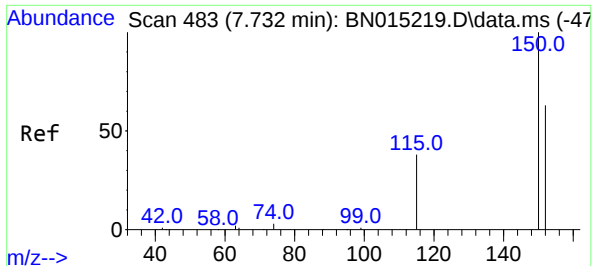
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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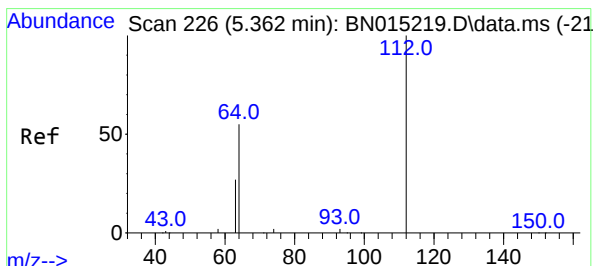
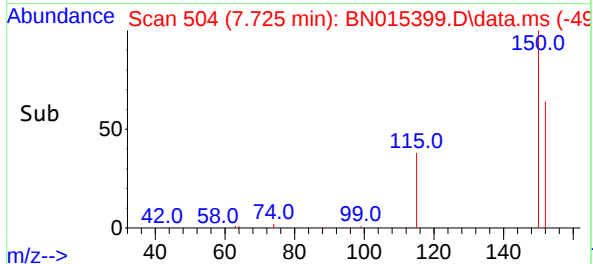
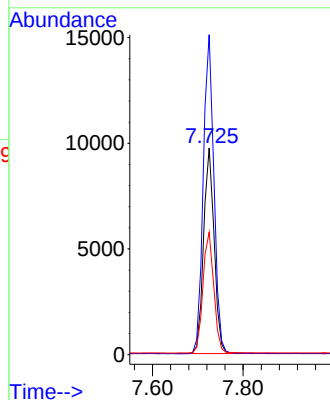
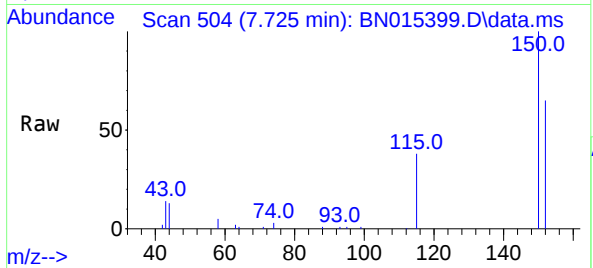




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

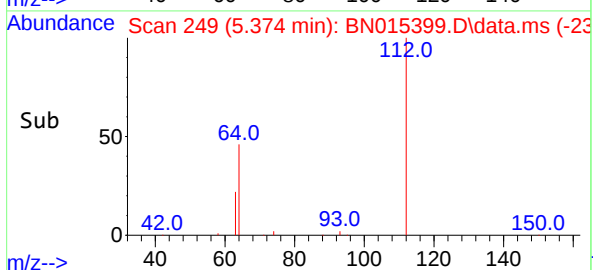
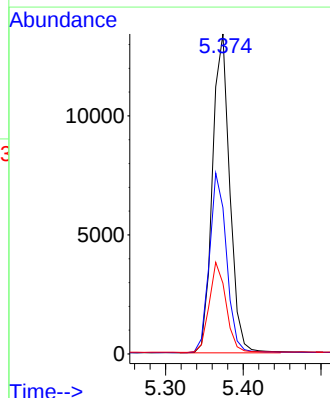
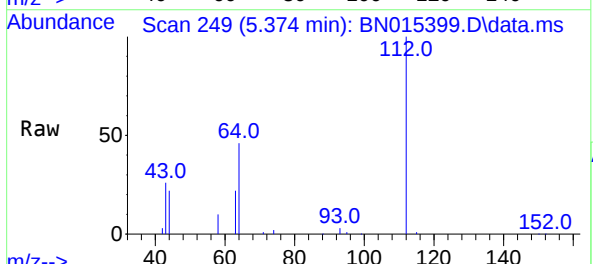
Instrument :
BNA_N
ClientSampled :
SP5615

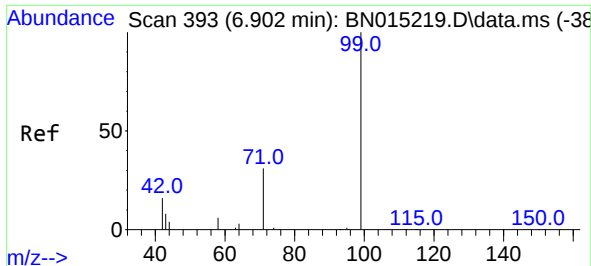
Tgt Ion:152 Resp: 15846
Ion Ratio Lower Upper
152 100
150 154.7 119.0 178.6
115 59.3 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.513 ng
RT: 5.374 min Scan# 249
Delta R.T. 0.037 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:112 Resp: 20697
Ion Ratio Lower Upper
112 100
64 55.6 39.0 58.6
63 27.5 20.6 30.8

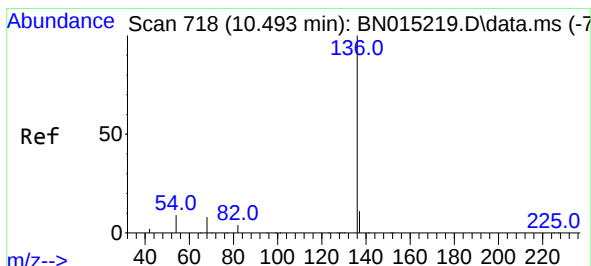
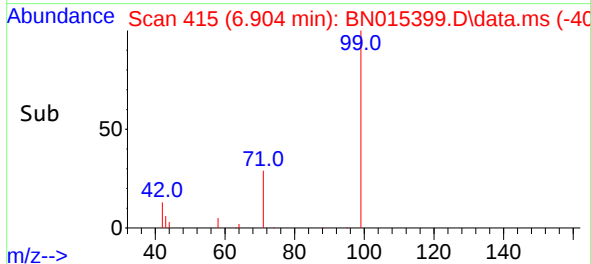
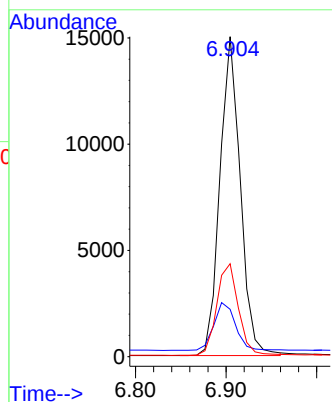
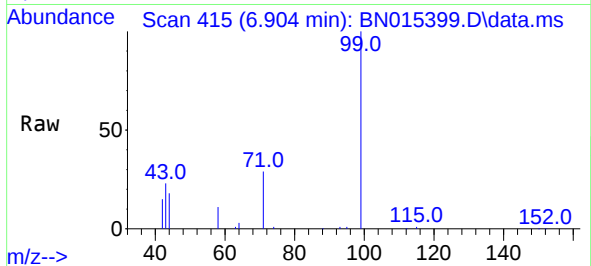




#5
Phenol-d6
Concen: 0.461 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.009 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

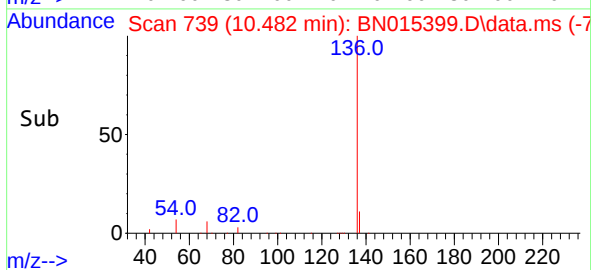
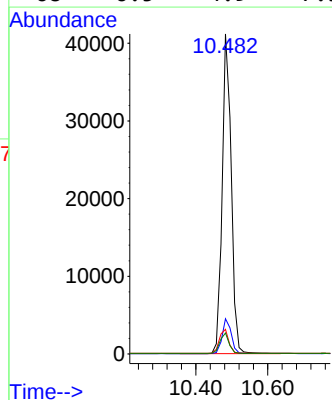
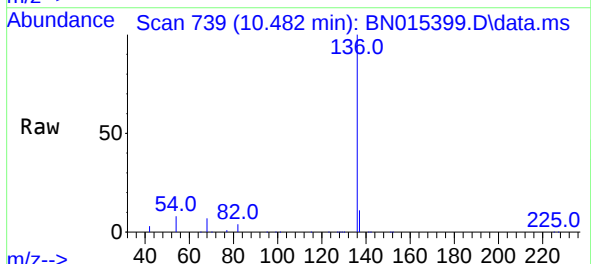
Instrument :
BNA_N
ClientSampleId :
SP5615

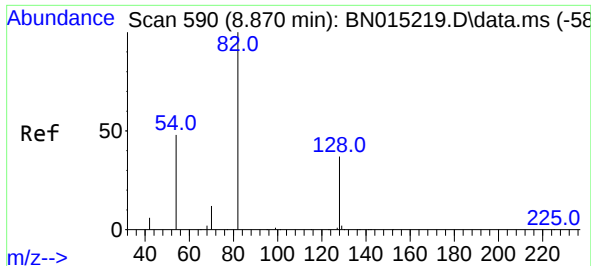
Tgt Ion: 99 Resp: 23457
Ion Ratio Lower Upper
99 100
42 15.9 8.9 13.3#
71 30.4 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.482 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion: 136 Resp: 72254
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.7 5.4 8.2
68 6.5 4.9 7.3

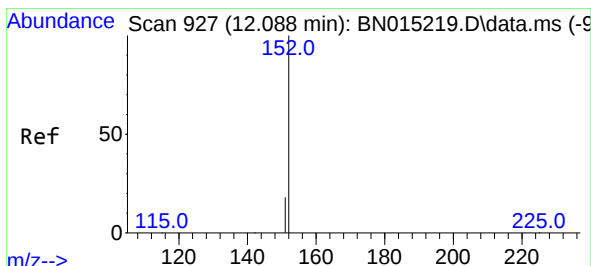
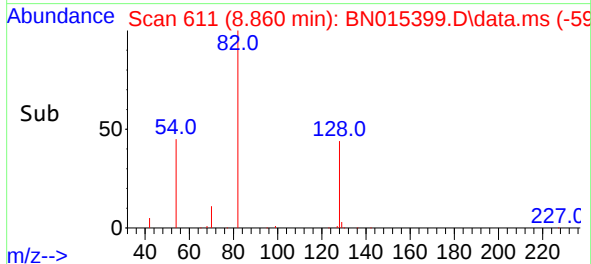
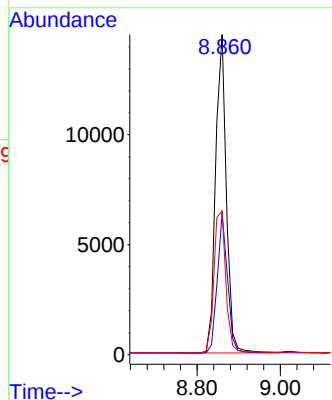
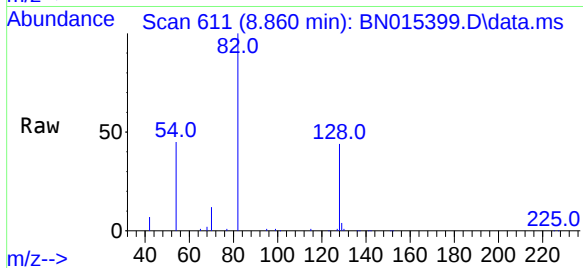




#8
Nitrobenzene-d5
Concen: 0.642 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

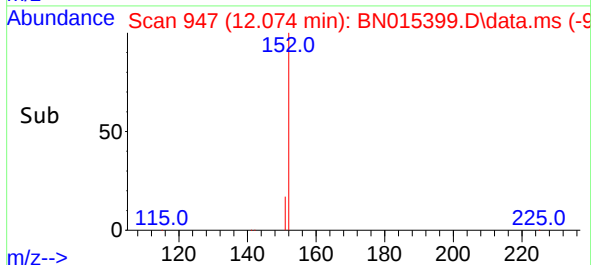
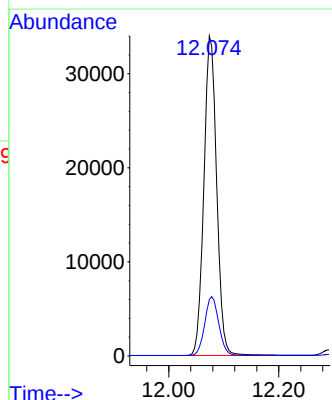
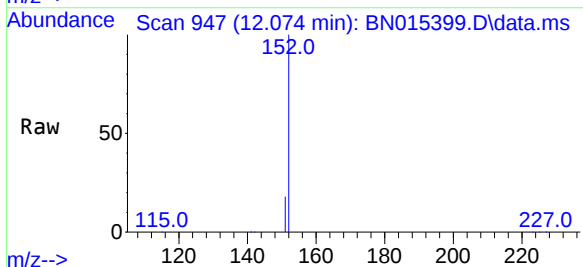
Instrument :
BNA_N
ClientSampleId :
SP5615

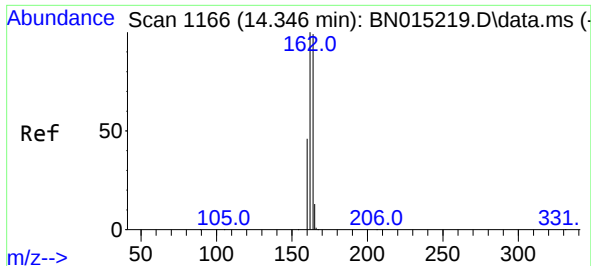
Tgt Ion: 82 Resp: 25975
Ion Ratio Lower Upper
82 100
128 44.4 31.6 47.4
54 45.0 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.457 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.005 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion: 152 Resp: 54671
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

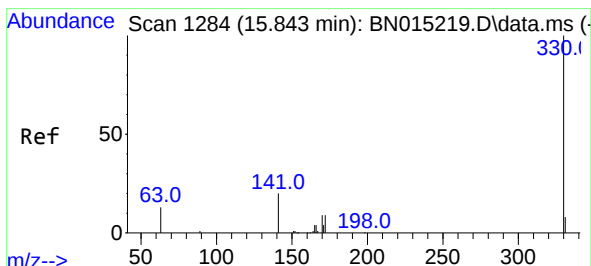
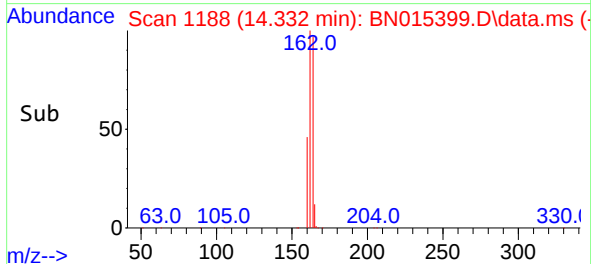
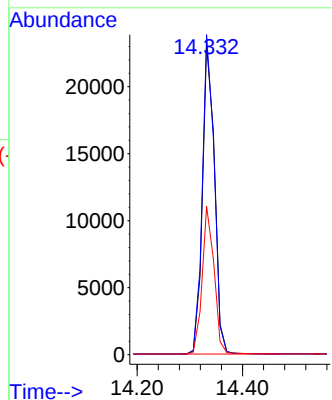
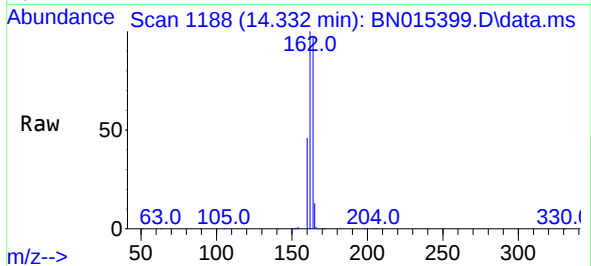




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

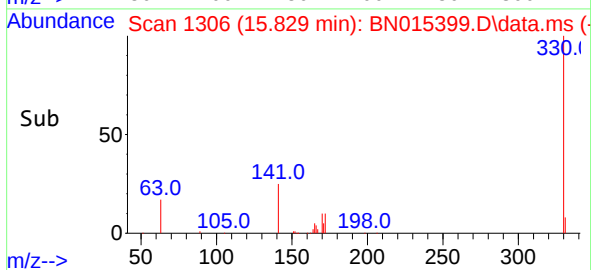
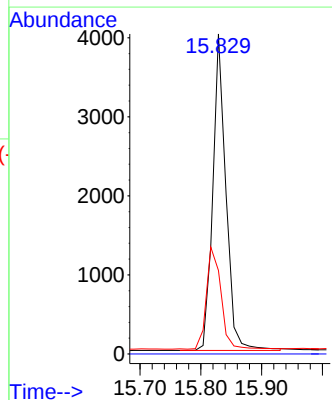
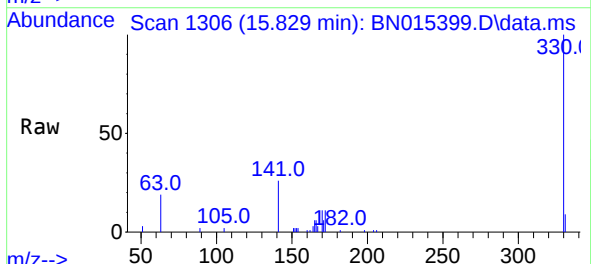
Instrument :
BNA_N
ClientSampleId :
SP5615

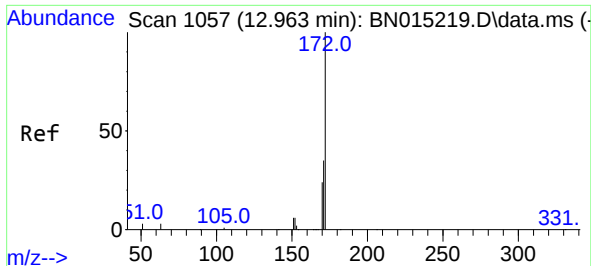
Tgt Ion:164 Resp: 36872
Ion Ratio Lower Upper
164 100
162 103.3 83.8 125.6
160 47.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.598 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:330 Resp: 6019
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.9 22.4 33.6#

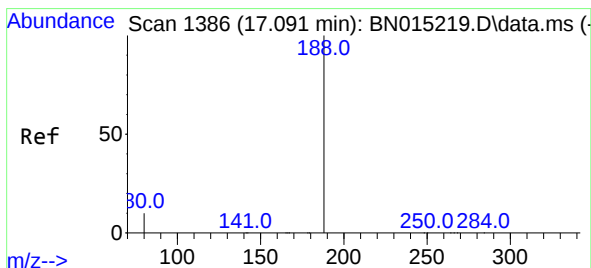
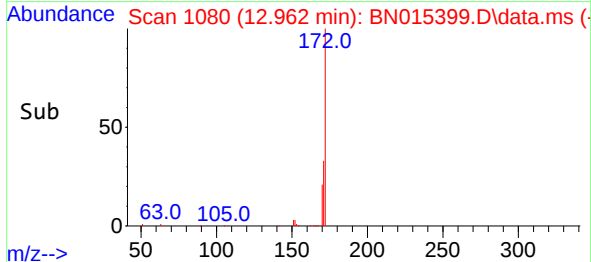
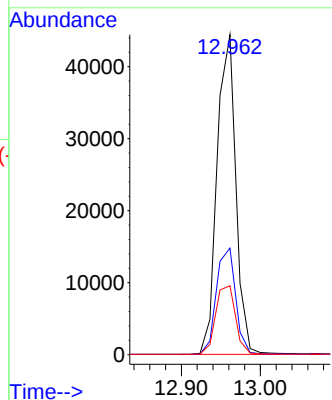
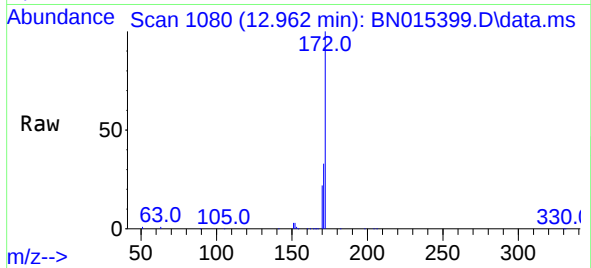




#15
2-Fluorobiphenyl
Concen: 0.491 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

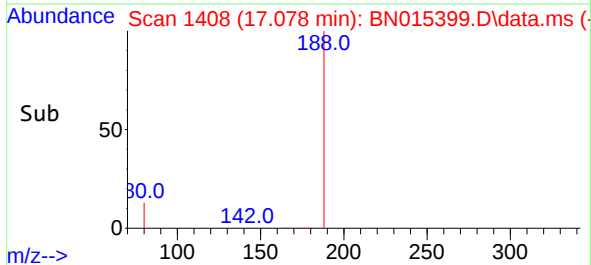
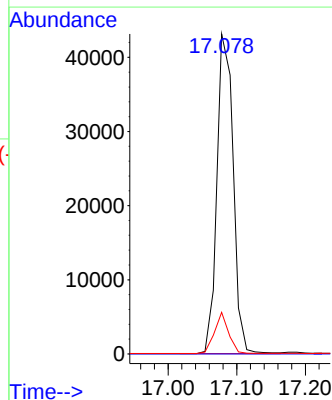
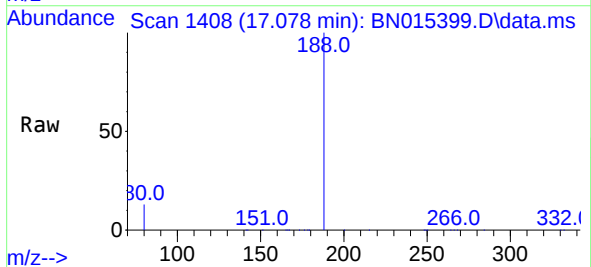
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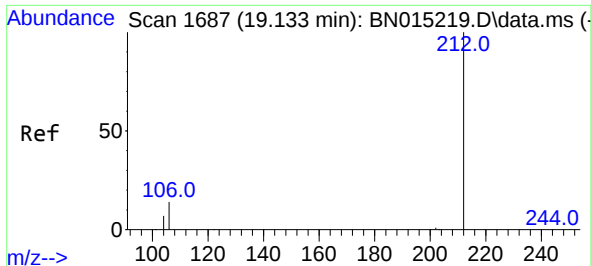
Tgt Ion:172	Resp:	73586
Ion Ratio	Lower	Upper
172	100	
171	33.3	30.6 45.8
170	21.5	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:188	Resp:	70669
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.0	9.0 13.4

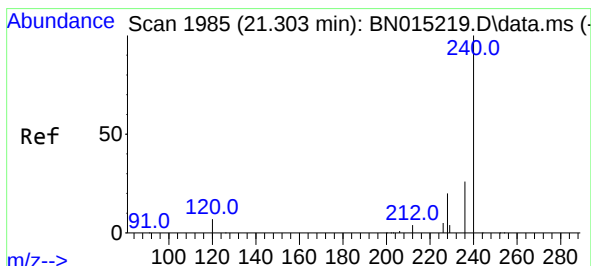
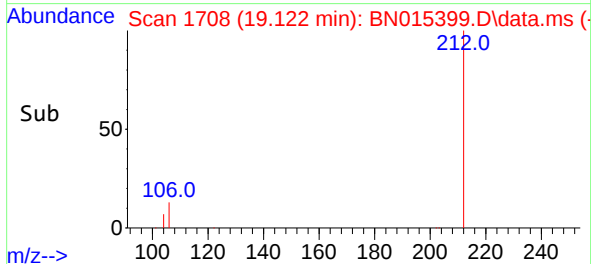
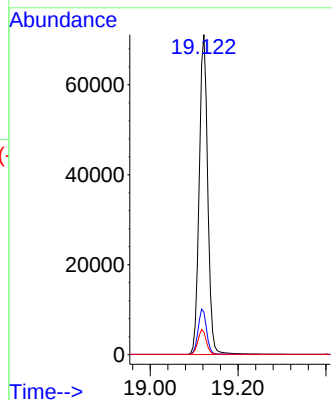
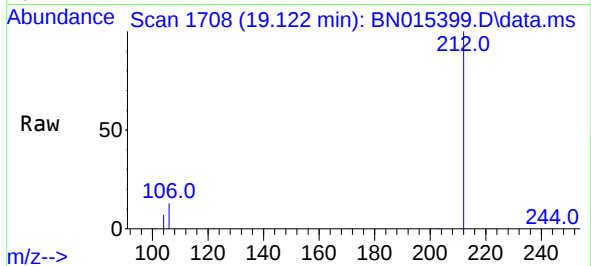




#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

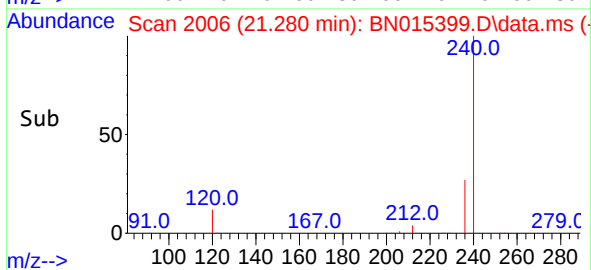
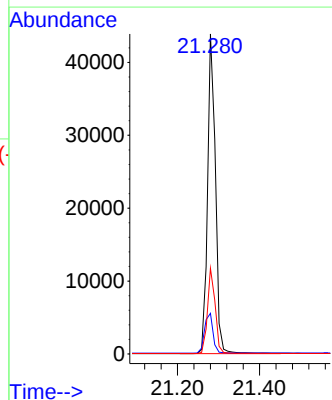
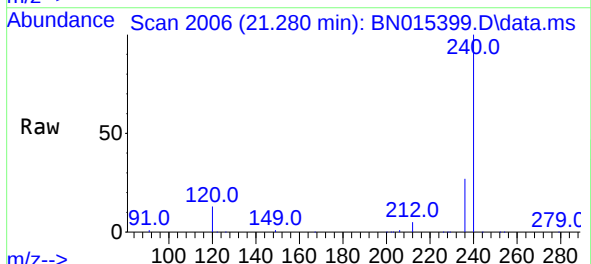
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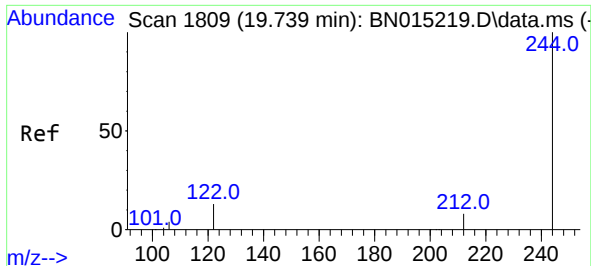
Tgt Ion:212 Resp: 95719
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:240 Resp: 58518
Ion Ratio Lower Upper
240 100
120 12.7 4.2 6.4#
236 26.8 21.4 32.2

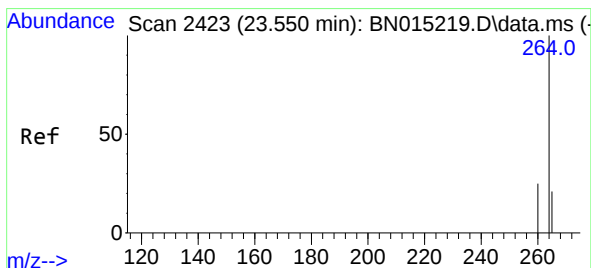
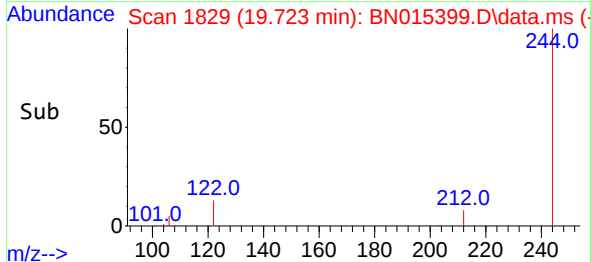
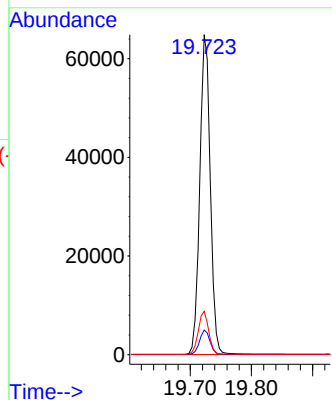
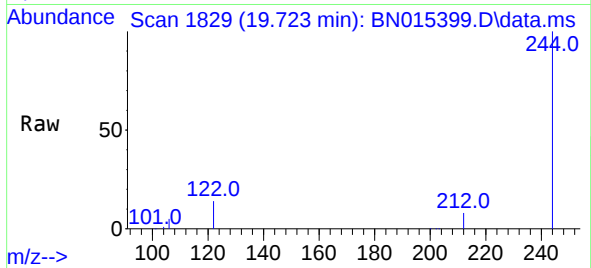




#31
Terphenyl-d14
Concen: 0.563 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Instrument :
BNA_N
ClientSampled :
SP5615

Tgt Ion:244 Resp: 77079
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.5 6.2 9.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:264 Resp: 55954
Ion Ratio Lower Upper
264 100
260 25.1 20.6 31.0
265 23.6 21.4 32.2

