

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
 Data File : BN019346.D
 Acq On : 05 Apr 2022 10:08
 Operator : CG/JU
 Sample : SP5858
 Misc : 8270 SIM SURROGATE
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5858

Quant Time: Apr 05 10:46:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4492	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13409	0.400	ng	# 0.01
13) Acenaphthene-d10	14.463	164	8412	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	15958	0.400	ng	0.00
29) Chrysene-d12	21.395	240	12056	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	9671	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	5082	0.422	ng	0.00
5) Phenol-d6	7.002	99	4488	0.310	ng	0.01
8) Nitrobenzene-d5	8.993	82	3358	0.276	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	8310	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1268	0.248	ng	0.01
15) 2-Fluorobiphenyl	13.095	172	11327	0.324	ng	0.00
27) Fluoranthene-d10	19.240	212	19325	0.376	ng	0.00
31) Terphenyl-d14	19.834	244	10359	0.395	ng	0.00

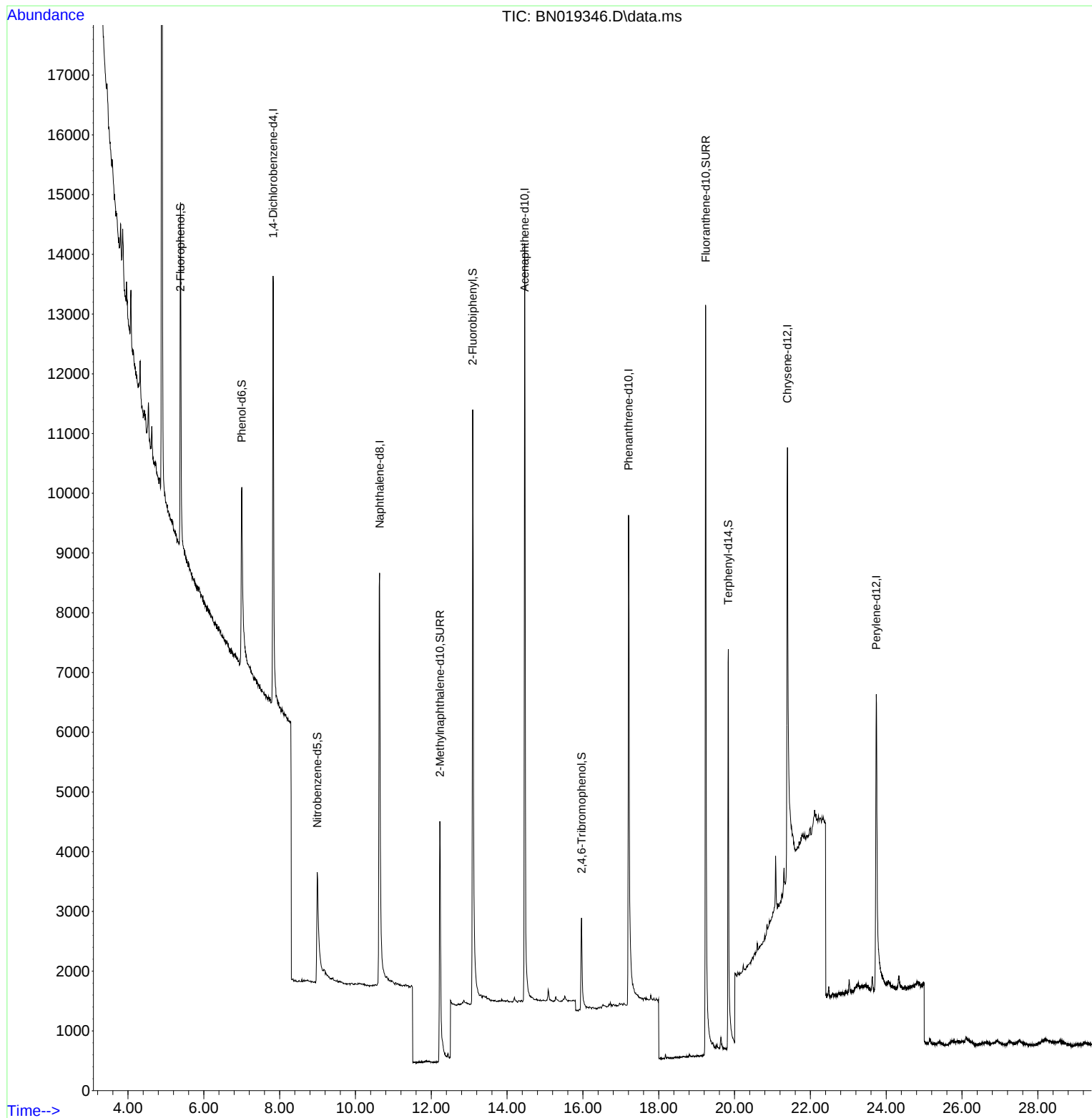
Target Compounds Qvalue

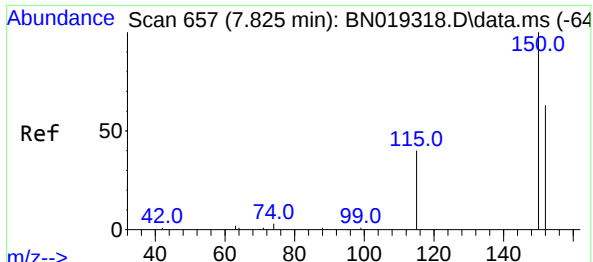
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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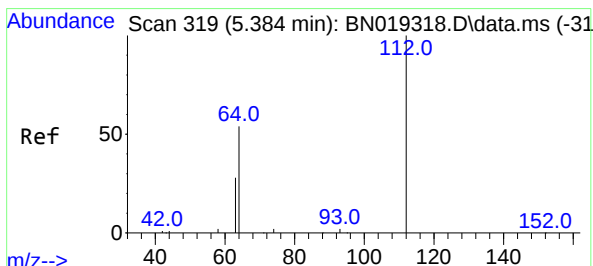
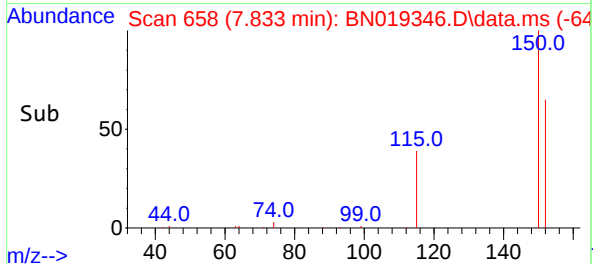
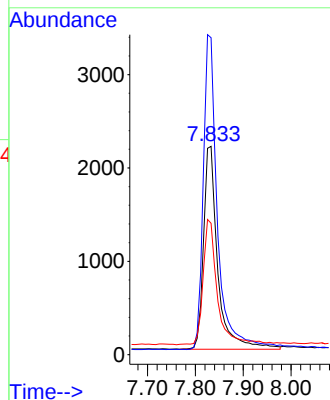
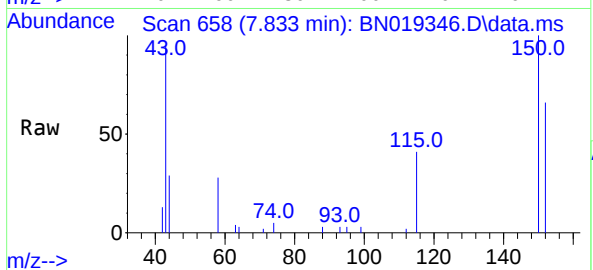




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

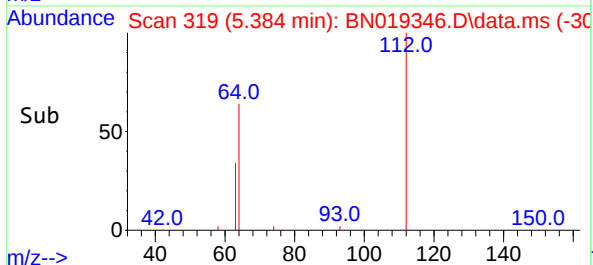
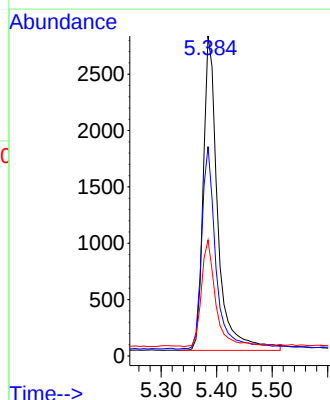
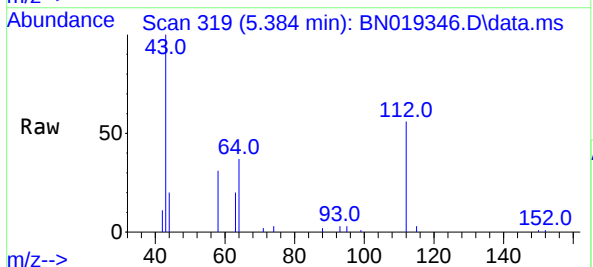
Instrument :
BNA_N
ClientSampleId :
SP5858

Tgt Ion:152 Resp: 4492
Ion Ratio Lower Upper
152 100
150 152.2 123.9 185.9
115 63.0 48.2 72.4



#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

Tgt Ion:112 Resp: 5082
Ion Ratio Lower Upper
112 100
64 63.9 47.8 71.8
63 33.5 25.7 38.5

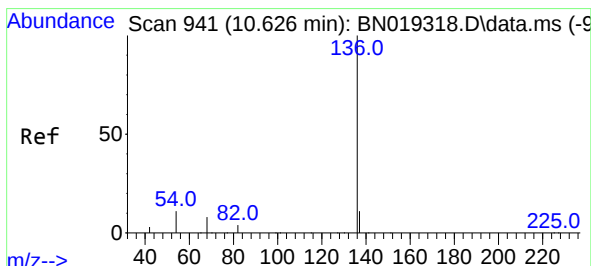
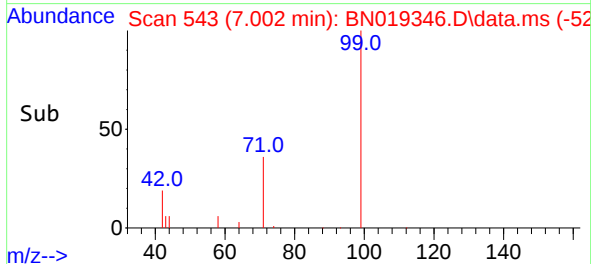
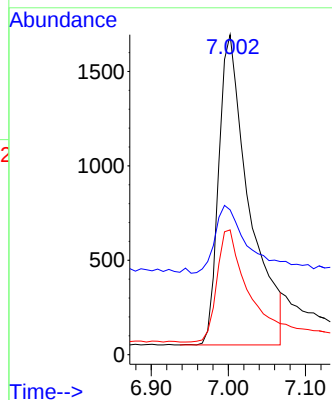
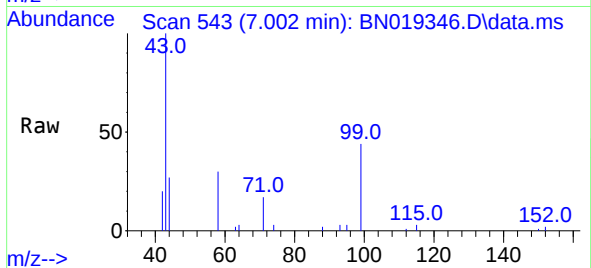




#5
Phenol-d6
Concen: 0.310 ng
RT: 7.002 min Scan# 541
Delta R.T. 0.014 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

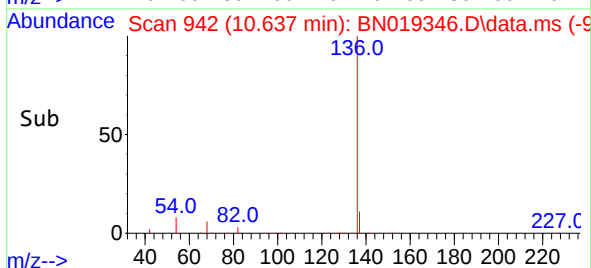
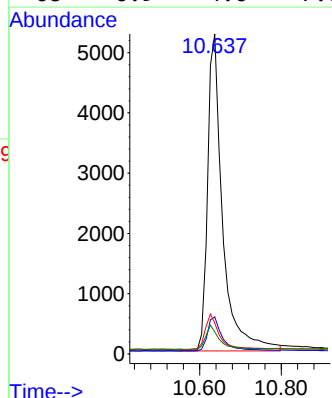
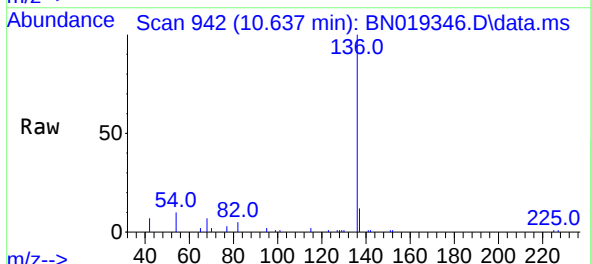
Instrument :
BNA_N
ClientSampleId :
SP5858

Tgt Ion: 99 Resp: 4488
Ion Ratio Lower Upper
99 100
42 22.8 16.2 24.4
71 37.2 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.011 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

Tgt Ion: 136 Resp: 13409
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 9.7 5.8 8.6#
68 6.9 4.6 7.0

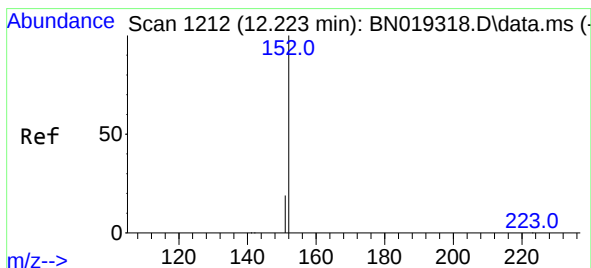
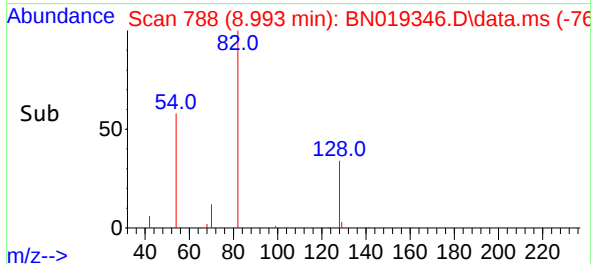
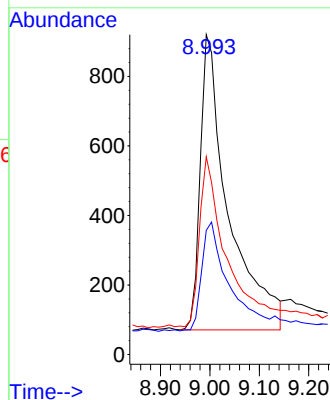
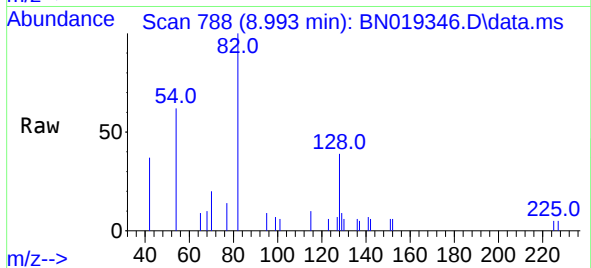




#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.993 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

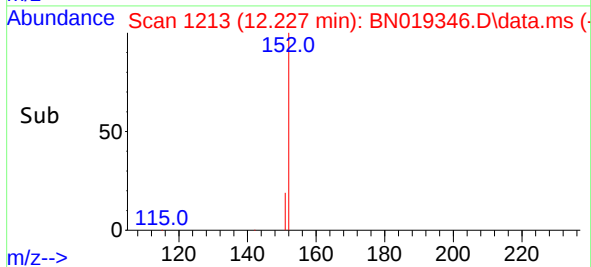
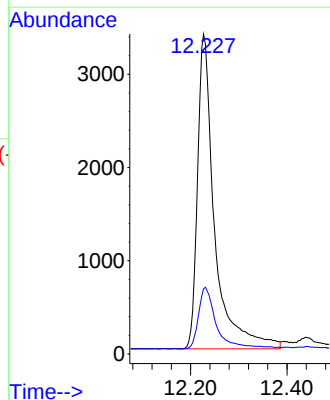
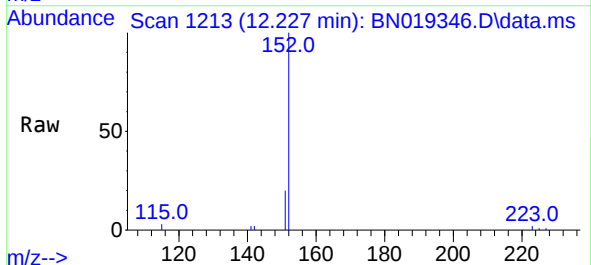
Instrument :
BNA_N
ClientSampleId :
SP5858

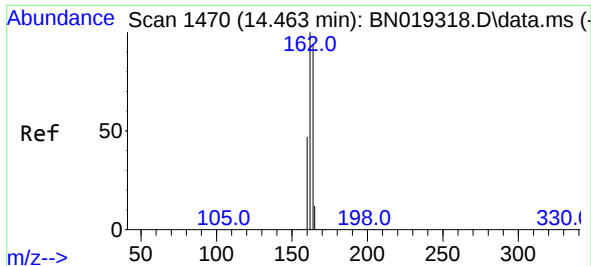
Tgt Ion: 82 Resp: 3358
Ion Ratio Lower Upper
82 100
128 38.8 33.0 49.6
54 61.8 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.227 min Scan# 1213
Delta R.T. 0.004 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

Tgt Ion: 152 Resp: 8310
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7

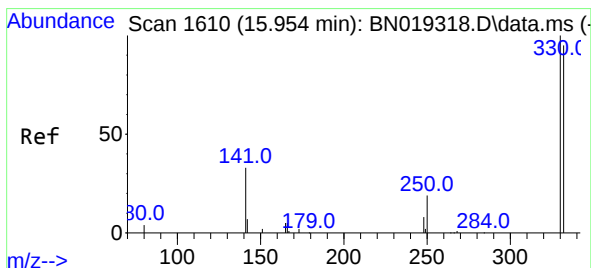
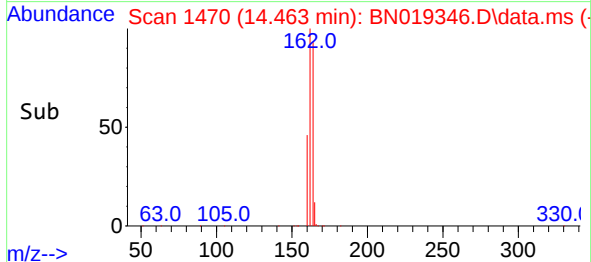
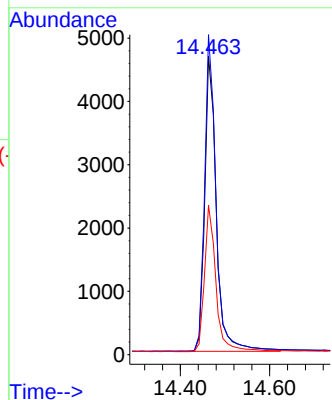
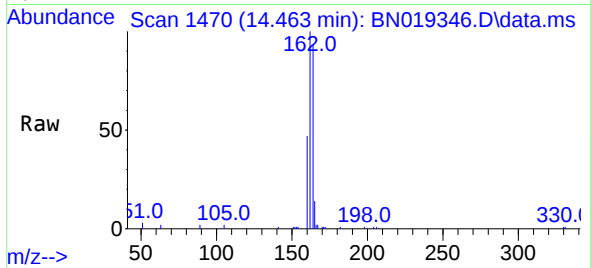




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

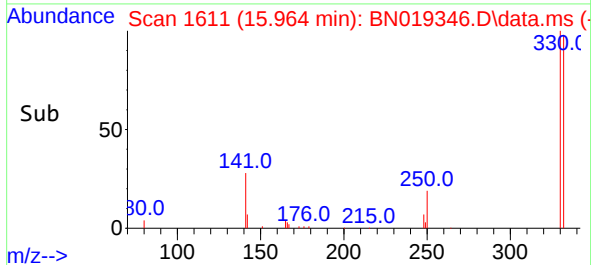
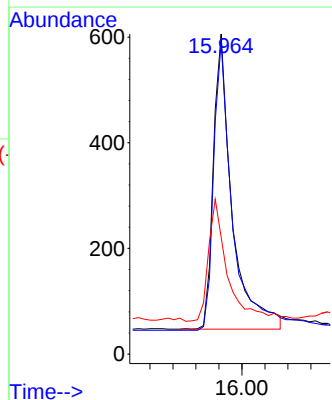
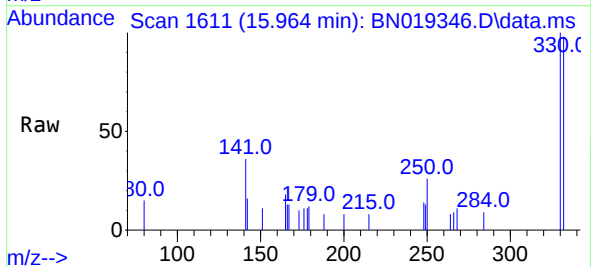
Instrument :
BNA_N
ClientSampleId :
SP5858

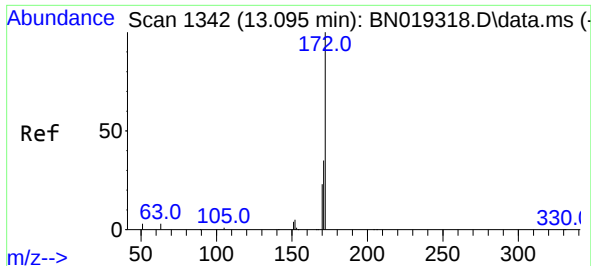
Tgt Ion:164 Resp: 8412
Ion Ratio Lower Upper
164 100
162 107.3 85.2 127.8
160 50.1 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.010 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

Tgt Ion:330 Resp: 1268
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 42.5 32.2 48.2

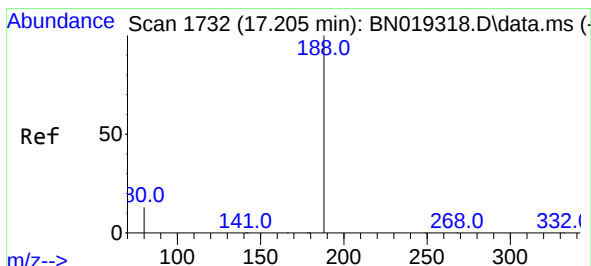
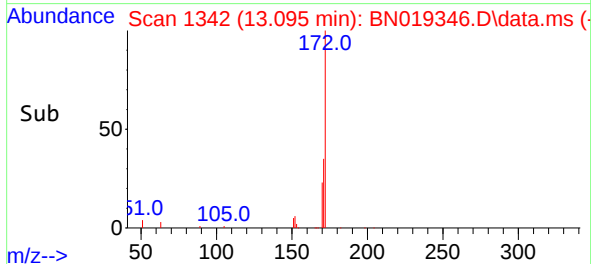
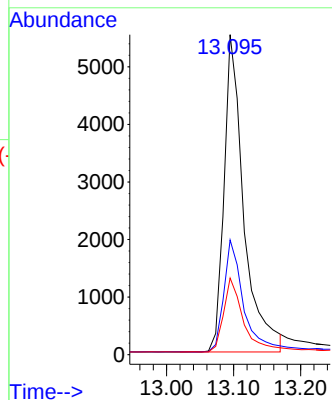
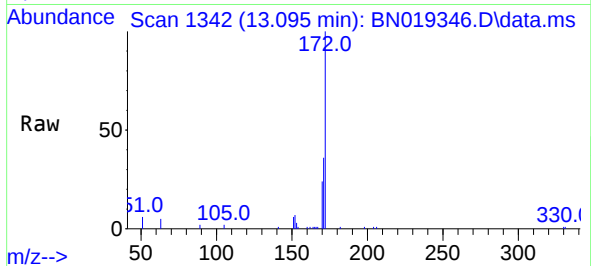




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

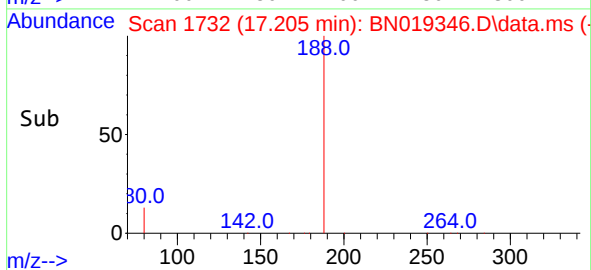
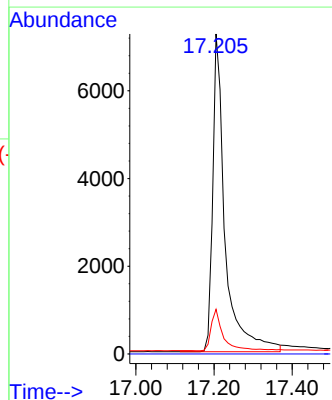
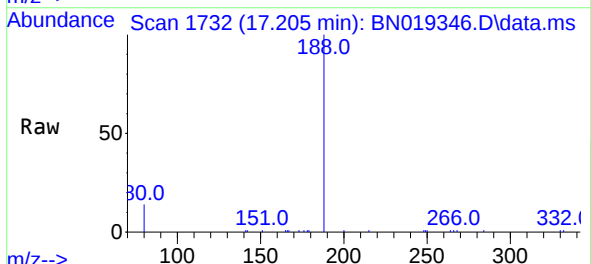
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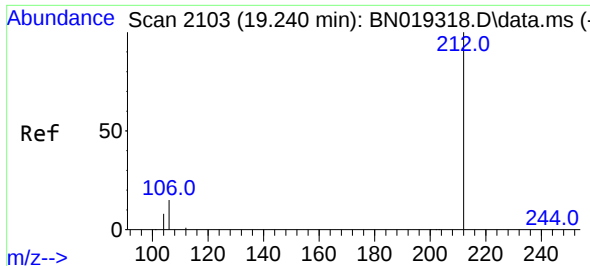
Tgt Ion:	172	Resp:	11327
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.9	18.7	28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

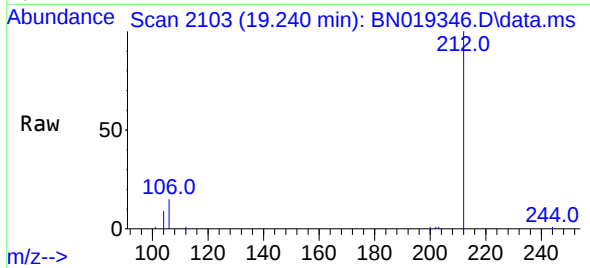
Tgt Ion:	188	Resp:	15958
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	11.8	17.8



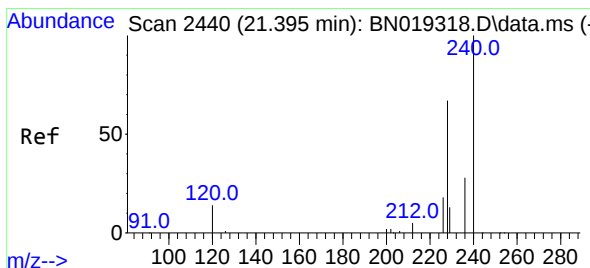
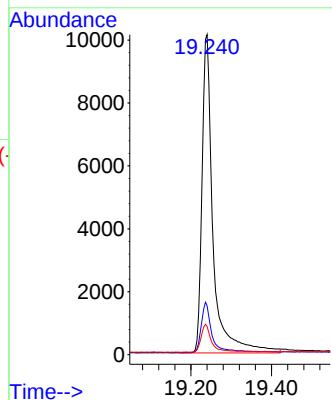


#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.240 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

Instrument :
BNA_N
ClientSampleId :
SP5858

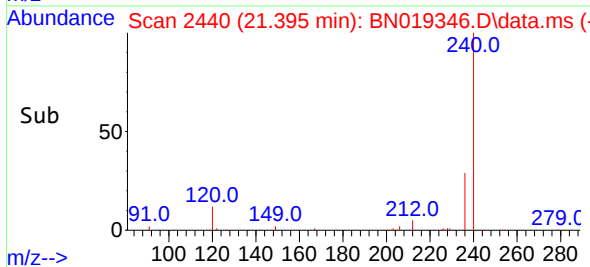
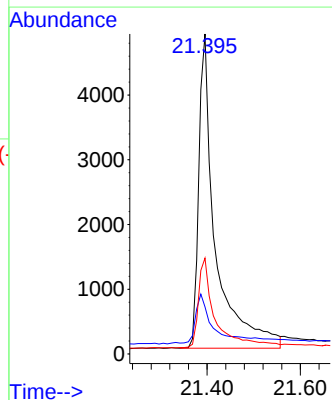
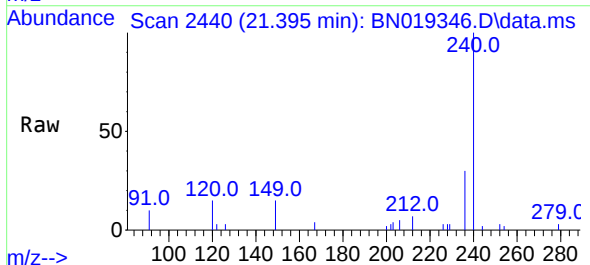


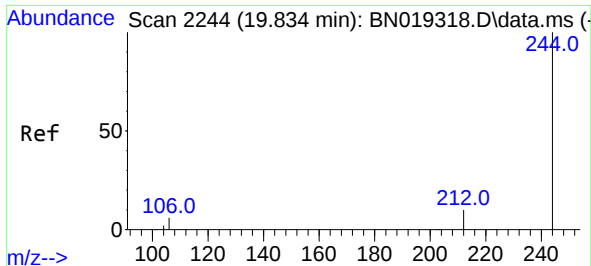
Tgt Ion:212 Resp: 19325
Ion Ratio Lower Upper
212 100
106 14.7 12.7 19.1
104 8.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN019346.D
Acq: 05 Apr 2022 10:08

Tgt Ion:240 Resp: 12056
Ion Ratio Lower Upper
240 100
120 14.7 8.5 12.7#
236 29.9 22.4 33.6

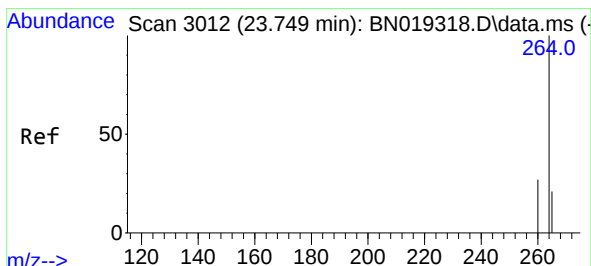
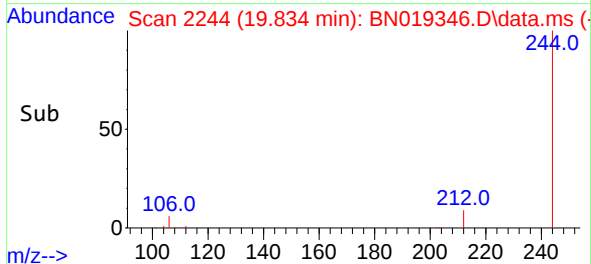
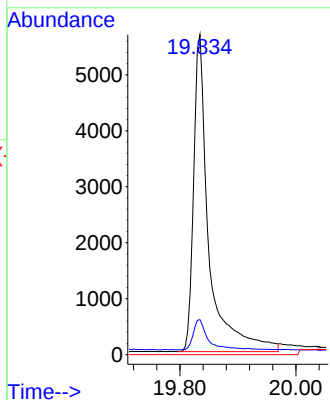
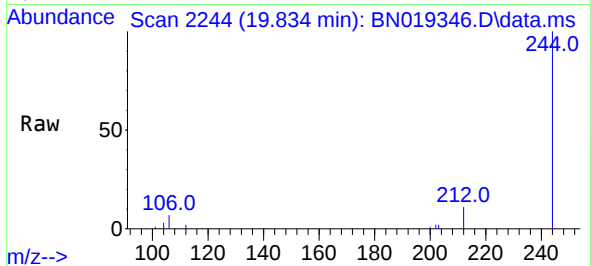




#31
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.834 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019346.D
 Acq: 05 Apr 2022 10:08

Instrument :
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Tgt Ion:244 Resp: 10359
 Ion Ratio Lower Upper
 244 100
 212 10.9 8.2 12.4
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 3008
 Delta R.T. -0.012 min
 Lab File: BN019346.D
 Acq: 05 Apr 2022 10:08

Tgt Ion:264 Resp: 9671
 Ion Ratio Lower Upper
 264 100
 260 30.1 22.4 33.6
 265 36.7 25.3 37.9

