

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015355.D
 Acq On : 07 Jul 2021 02:27
 Operator : CG/JU
 Sample : M2898-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-062921-FD

Quant Time: Jul 07 06:09:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

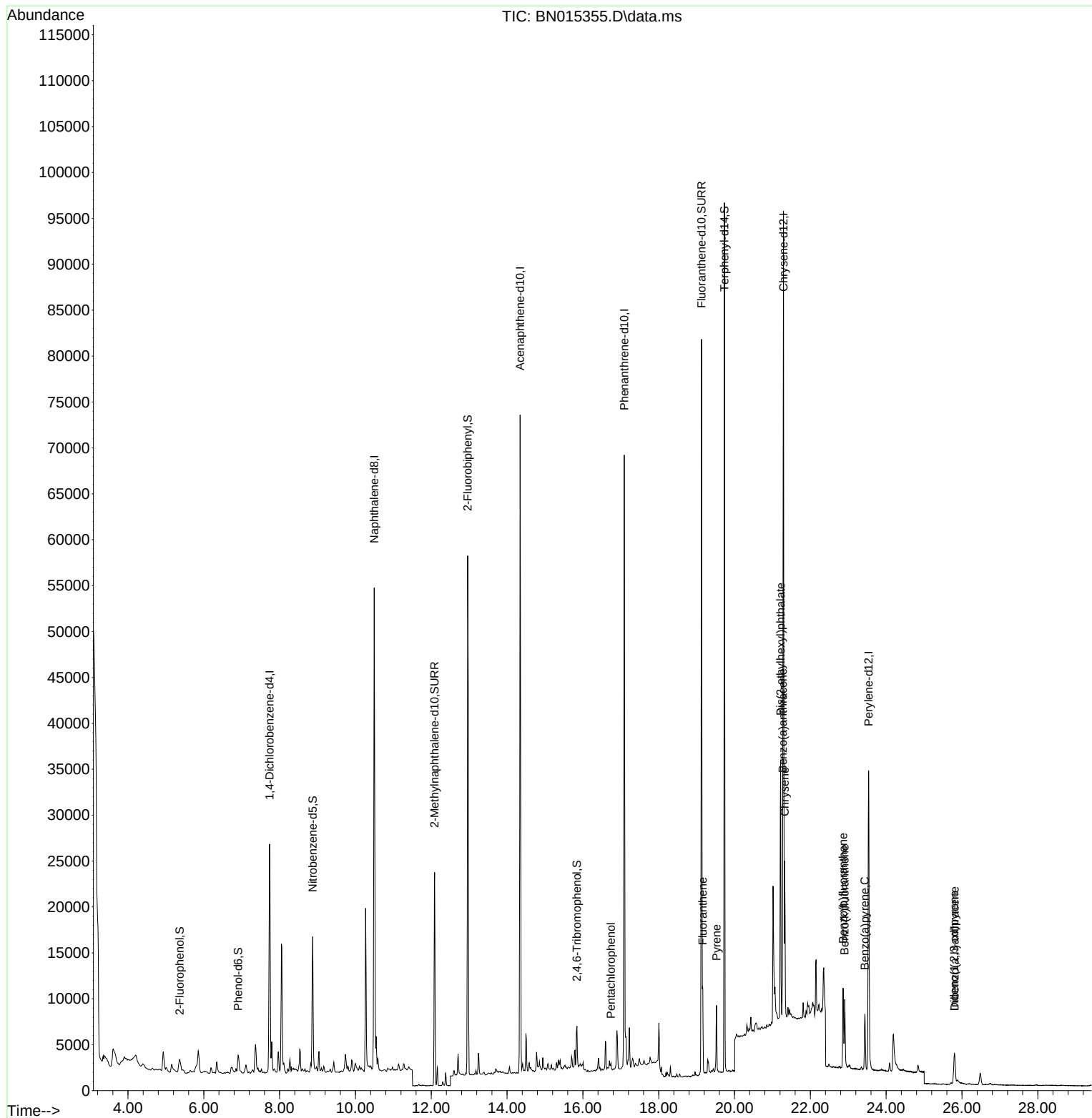
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15058	0.400	ng	# 0.00
7) Naphthalene-d8	10.496	136	70156	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	40043	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	83702	0.400	ng	0.00
29) Chrysene-d12	21.291	240	76563	0.400	ng	#-0.01
35) Perylene-d12	23.536	264	43119	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	2777	0.072	ng	0.00
5) Phenol-d6	6.905	99	2061	0.043	ng	0.00
8) Nitrobenzene-d5	8.873	82	13200	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	31025	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3598	0.428	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	51642	0.317	ng	0.00
27) Fluoranthene-d10	19.133	212	90030	0.364	ng	0.00
31) Terphenyl-d14	19.733	244	91799	0.512	ng	0.00
Target Compounds						
						Qvalue
24) Pentachlorophenol	16.738	266	524	0.295	ng	# 42
28) Fluoranthene	19.162	202	8163	0.028	ng	# 93
30) Pyrene	19.525	202	6449	0.022	ng	# 91
32) Benzo(a)anthracene	21.270	228	14922	0.057	ng	98
33) Chrysene	21.323	228	13412	0.047	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	27276	0.439	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.795	276	3847	0.025	ng	# 88
37) Benzo(b)fluoranthene	22.865	252	10290	0.061	ng	# 75
38) Benzo(k)fluoranthene	22.906	252	9561	0.053	ng	# 82
39) Benzo(a)pyrene	23.437	252	7351	0.048	ng	# 65
40) Dibenzo(a,h)anthracene	25.809	278	3391	0.028	ng	# 76

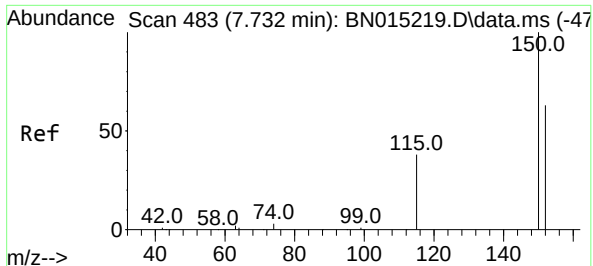
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

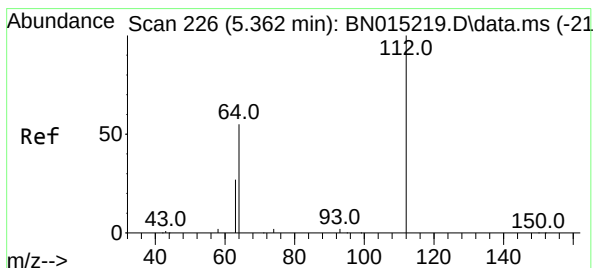
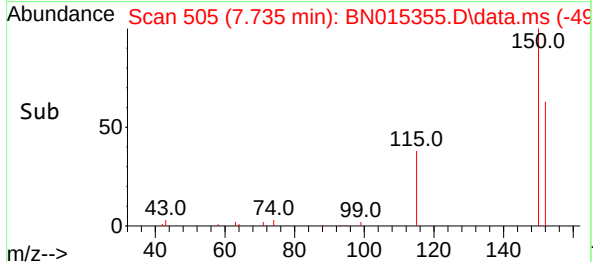
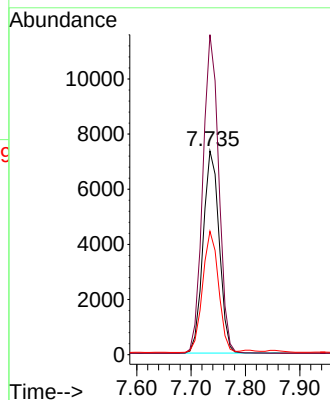
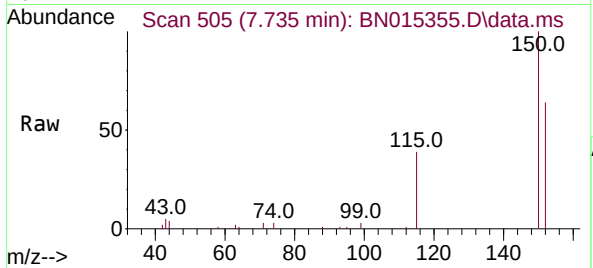




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015355.D
 Acq: 07 Jul 2021 02:27

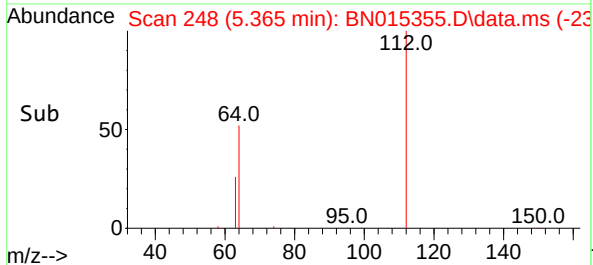
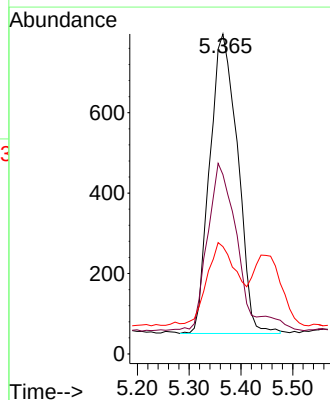
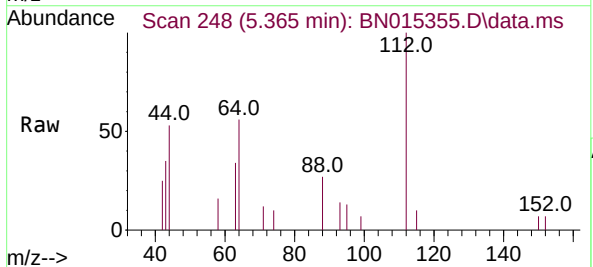
Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-062921-FD

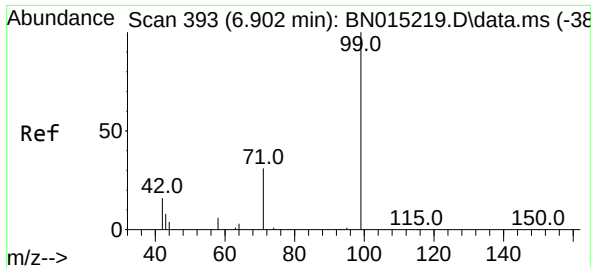
Tgt Ion:152 Resp: 15058
 Ion Ratio Lower Upper
 152 100
 150 157.2 119.0 178.6
 115 60.6 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.072 ng
 RT: 5.365 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: BN015355.D
 Acq: 07 Jul 2021 02:27

Tgt Ion:112 Resp: 2777
 Ion Ratio Lower Upper
 112 100
 64 58.3 39.0 58.6
 63 29.3 20.6 30.8

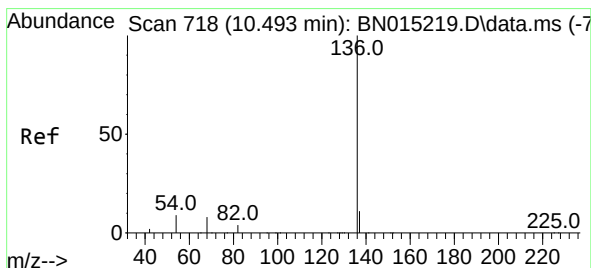
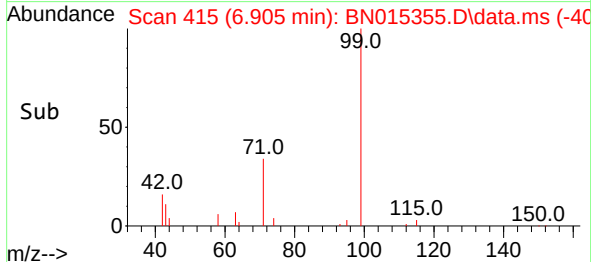
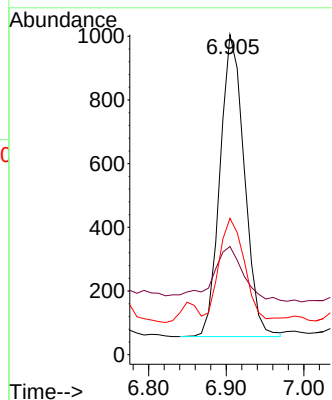
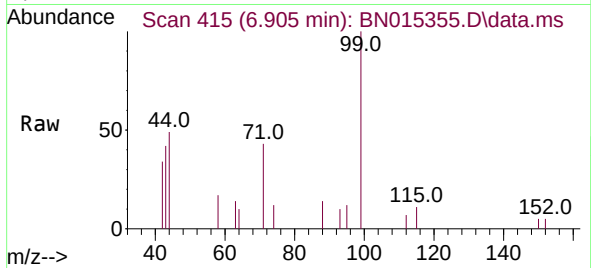




#5
Phenol-d6
Concen: 0.043 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

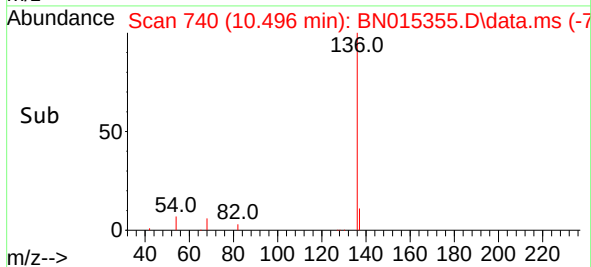
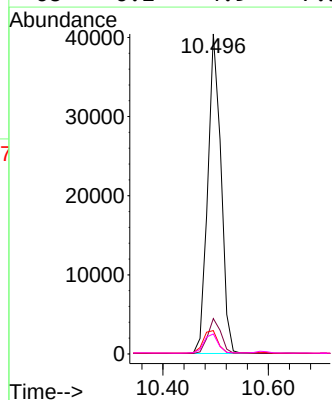
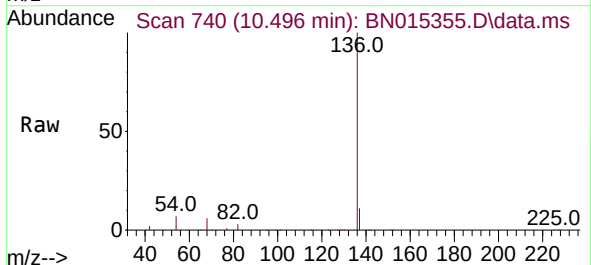
Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

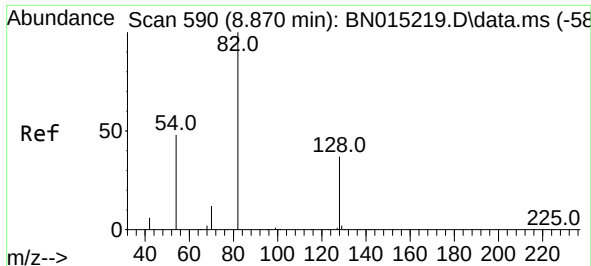
Tgt Ion:	99	Resp:	2061
Ion	Ratio	Lower	Upper
99	100		
42	21.8	8.9	13.3#
71	34.2	35.6	53.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:	136	Resp:	70156
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	7.3	5.4	8.2
68	6.2	4.9	7.3

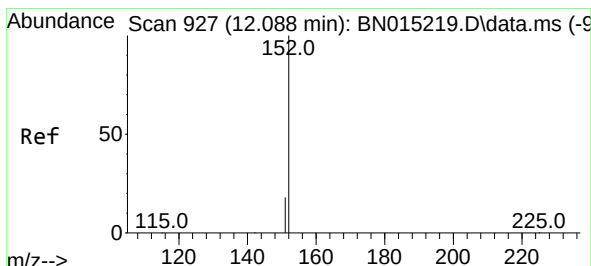
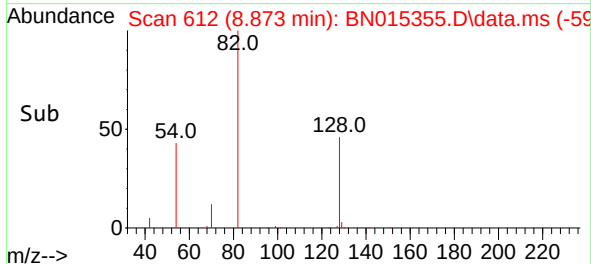
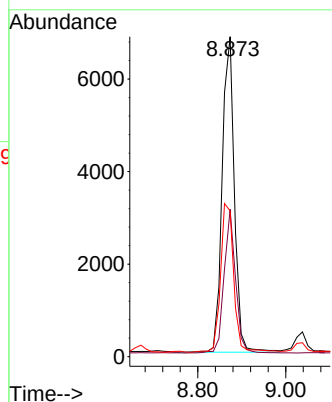
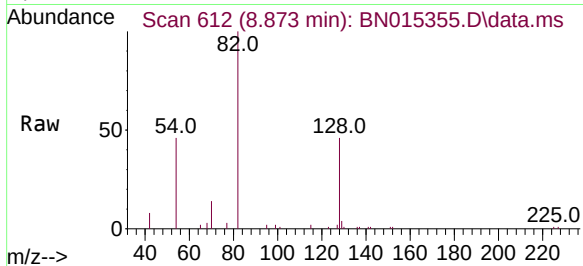




#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

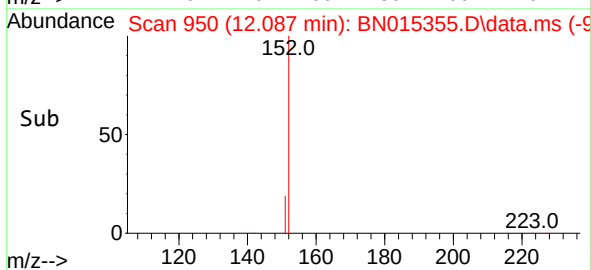
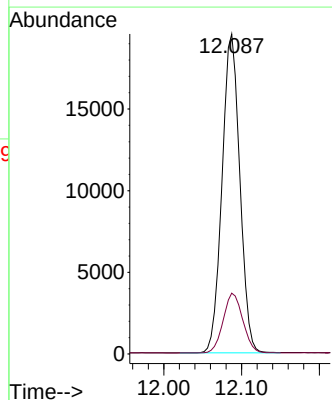
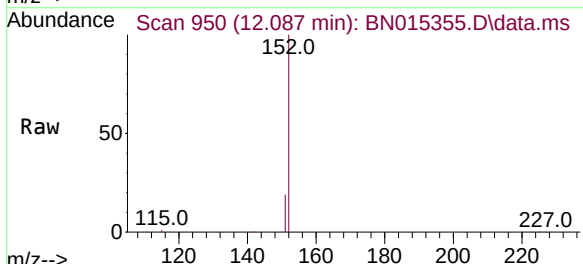
Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

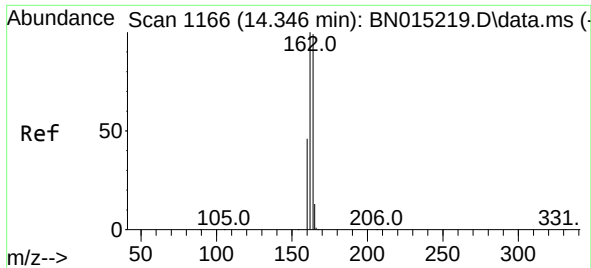
Tgt Ion: 82 Resp: 13200
Ion Ratio Lower Upper
82 100
128 46.1 31.6 47.4
54 45.5 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion: 152 Resp: 31025
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

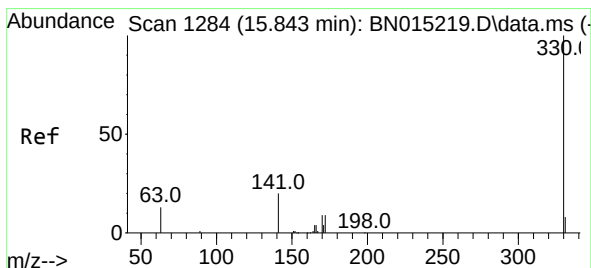
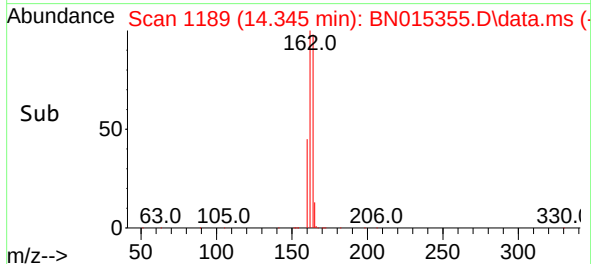
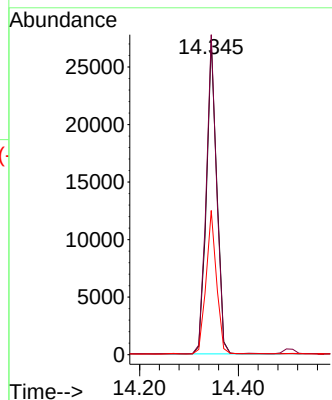
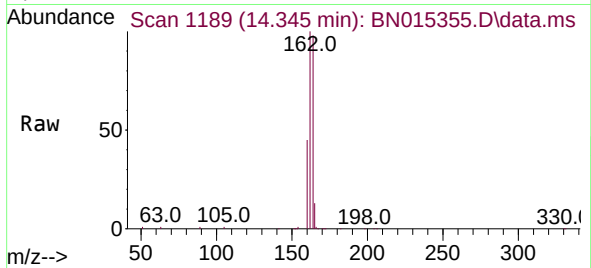




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

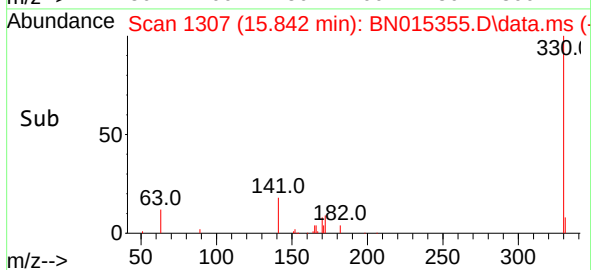
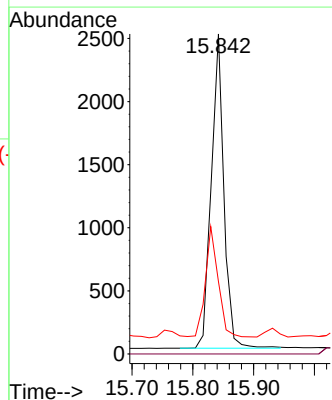
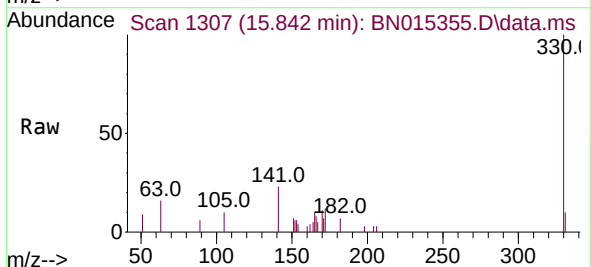
Instrument :
BNA_N
ClientSampleId :
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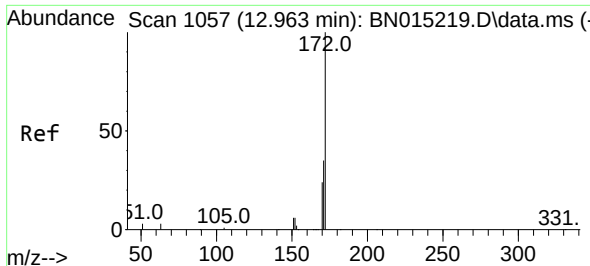
Tgt Ion:164 Resp: 40043
Ion Ratio Lower Upper
164 100
162 101.9 83.8 125.6
160 45.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:330 Resp: 3598
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.3 22.4 33.6#

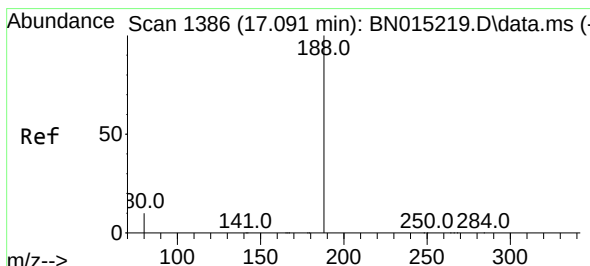
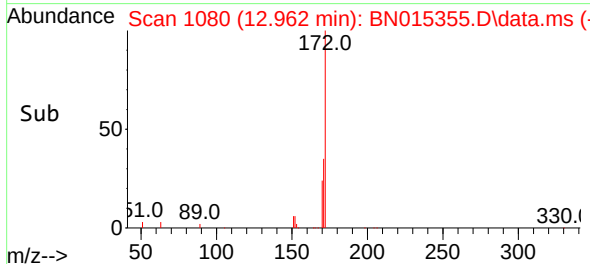
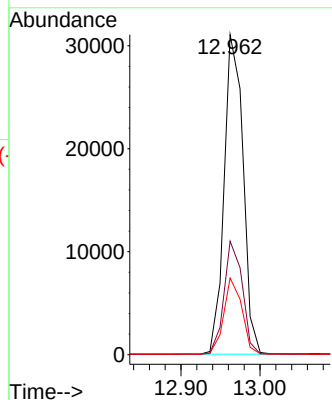
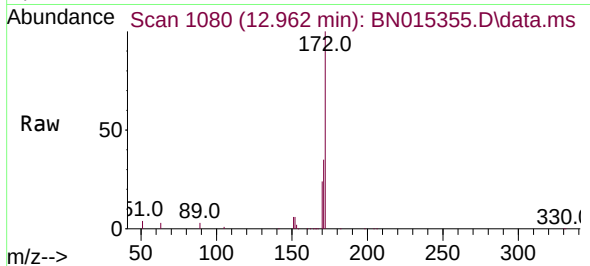




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

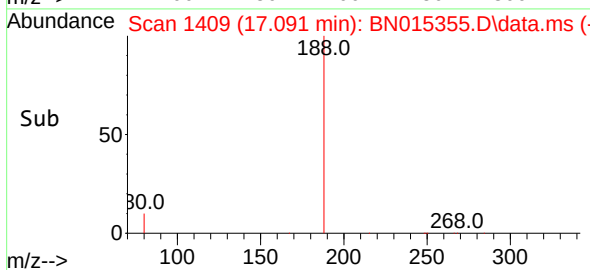
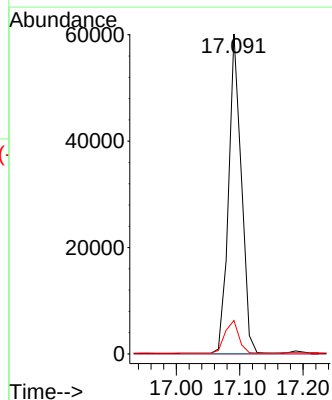
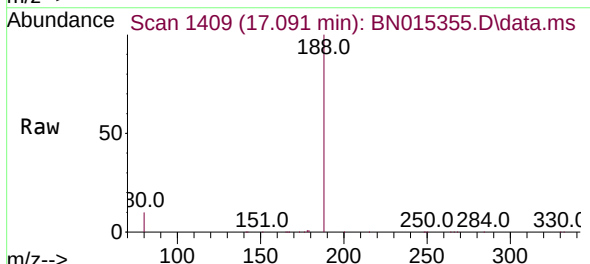
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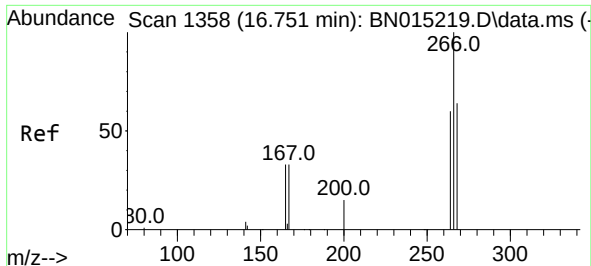
Tgt Ion:172 Resp: 51642
Ion Ratio Lower Upper
172 100
171 35.5 30.6 45.8
170 24.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:188 Resp: 83702
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 10.4 9.0 13.4

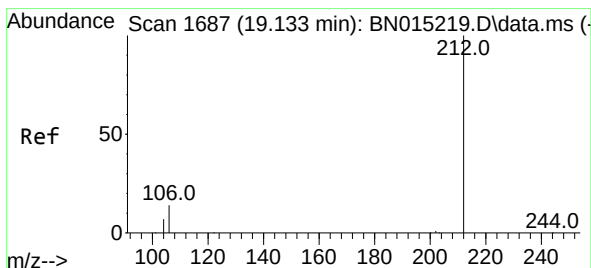
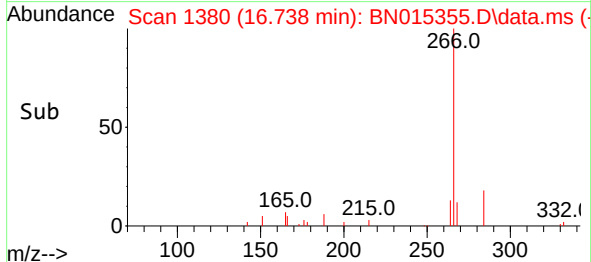
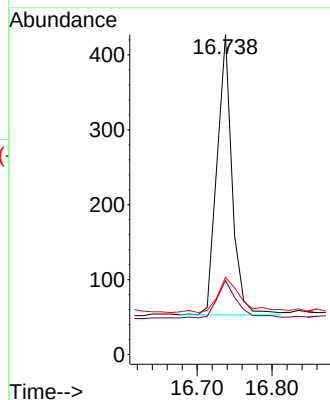
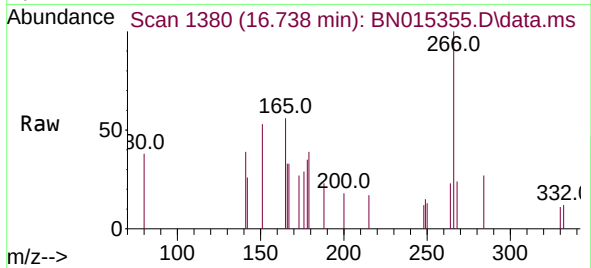




#24
Pentachlorophenol
Concen: 0.295 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

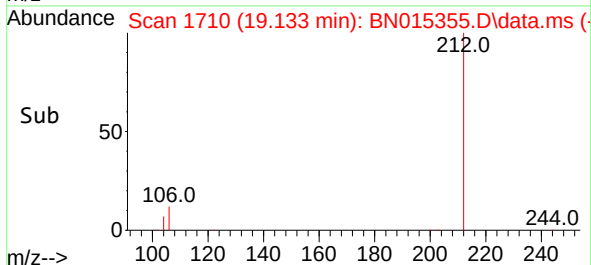
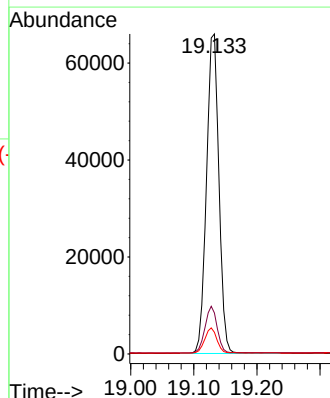
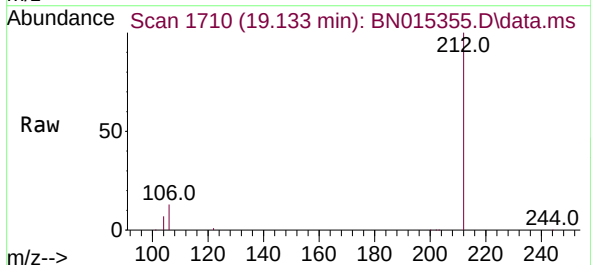
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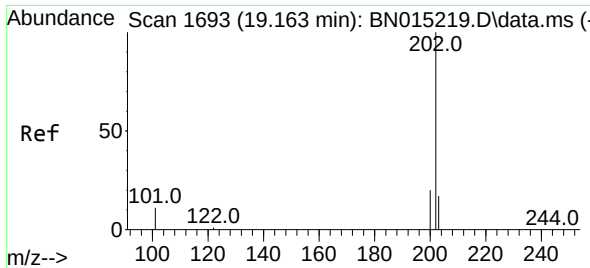
Tgt Ion:	266	Resp:	524
Ion	Ratio	Lower	Upper
266	100		
264	17.6	51.0	76.4#
268	18.3	50.6	76.0#



#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.133 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

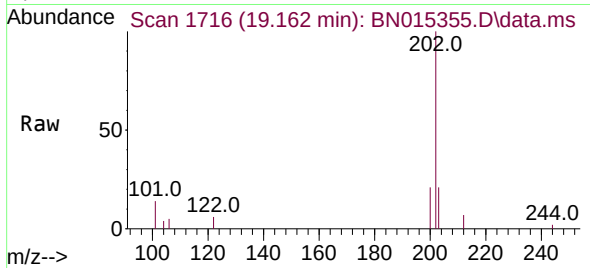
Tgt Ion:	212	Resp:	90030
Ion	Ratio	Lower	Upper
212	100		
106	14.2	7.0	10.6#
104	7.8	4.1	6.1#



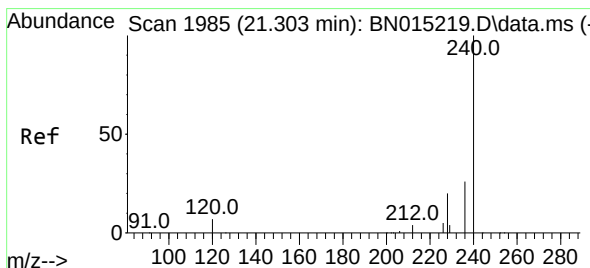
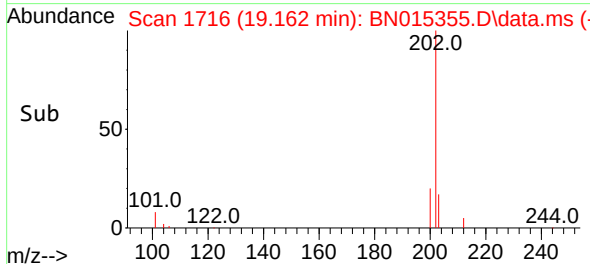
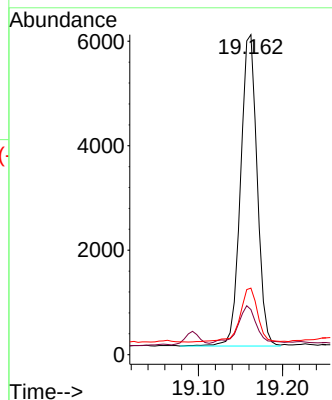


#28
Fluoranthene
Concen: 0.028 ng
RT: 19.162 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

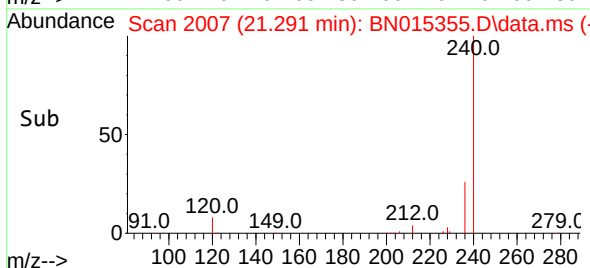
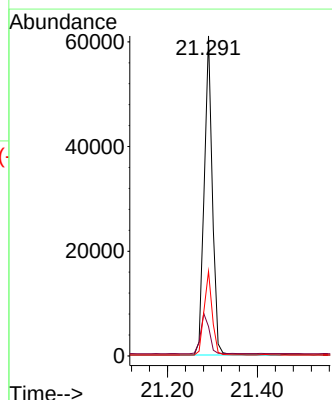
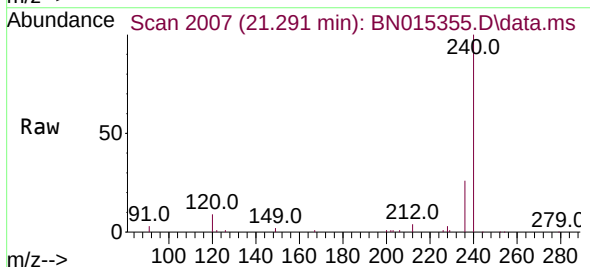


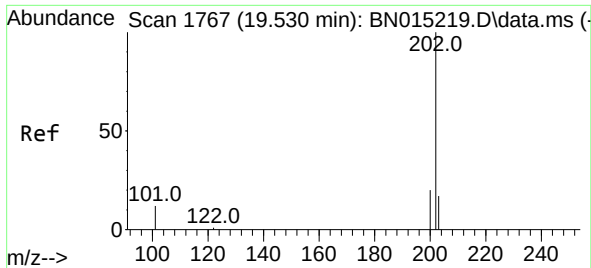
Tgt Ion:202 Resp: 8163
Ion Ratio Lower Upper
202 100
101 13.9 6.6 10.0#
203 18.6 13.9 20.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:240 Resp: 76563
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.4#
236 26.5 21.4 32.2

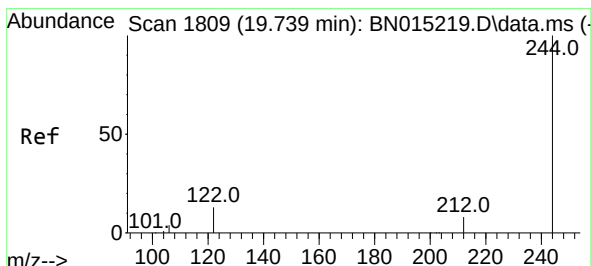
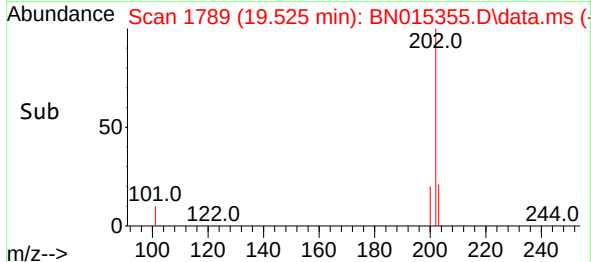
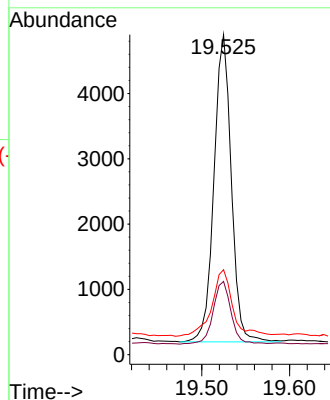
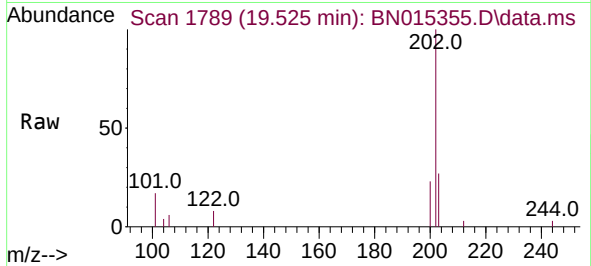




#30
Pyrene
Concen: 0.022 ng
RT: 19.525 min Scan# 1789
Delta R.T. -0.005 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

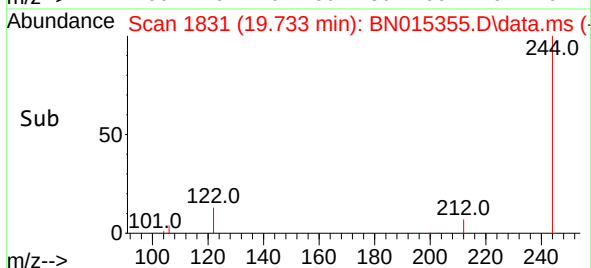
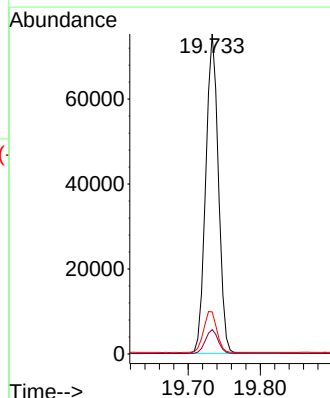
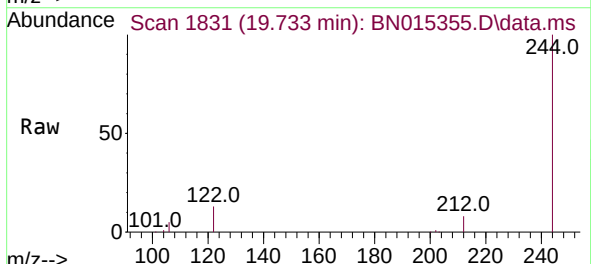
Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

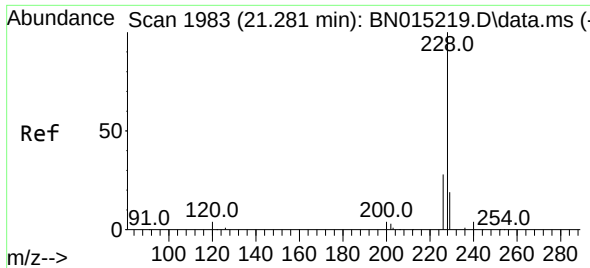
Tgt Ion:	202	Resp:	6449
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	26.2	13.9	20.9#



#31
Terphenyl-d14
Concen: 0.512 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:	244	Resp:	91799
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.3	9.5
122	13.1	6.2	9.2#

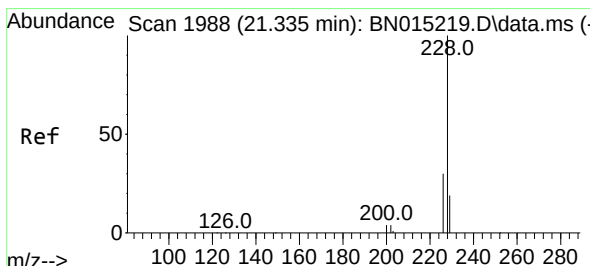
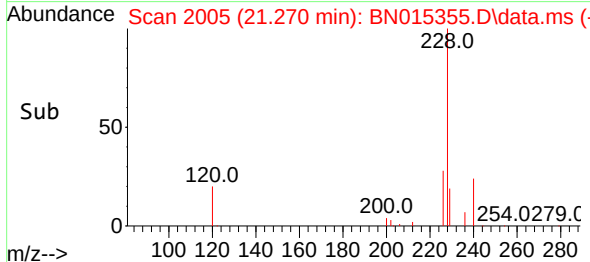
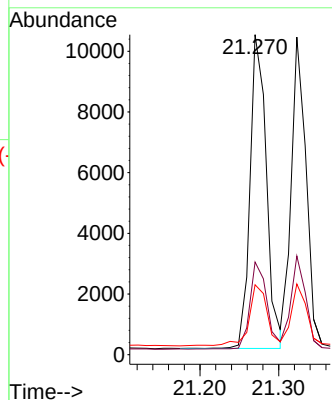
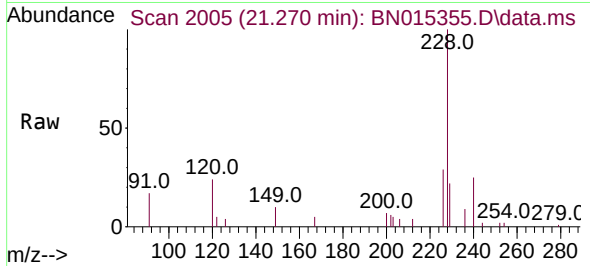




#32
Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

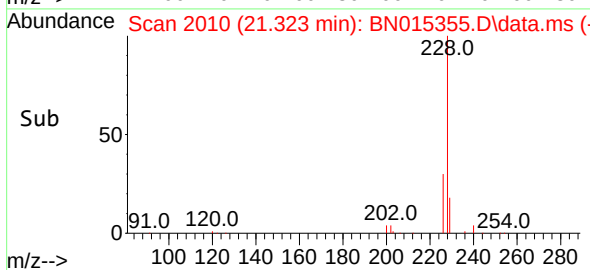
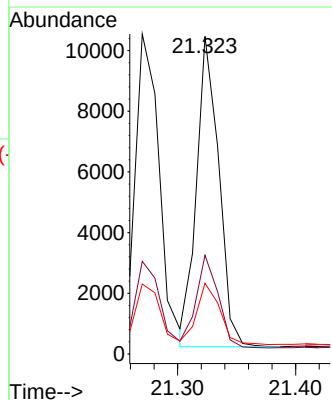
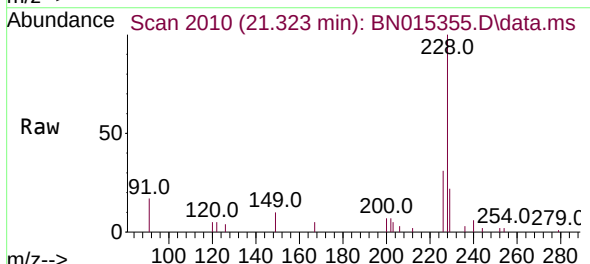
Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

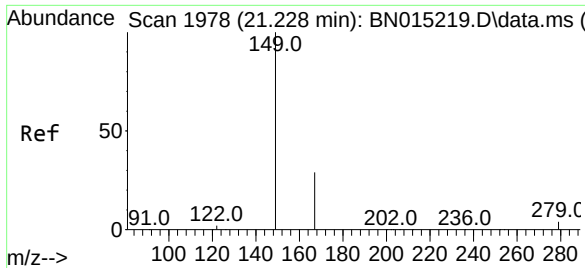
Tgt Ion:	228	Resp:	14922
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.0	34.6
229	21.9	15.7	23.5



#33
Chrysene
Concen: 0.047 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:	228	Resp:	13412
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	22.3	15.9	23.9

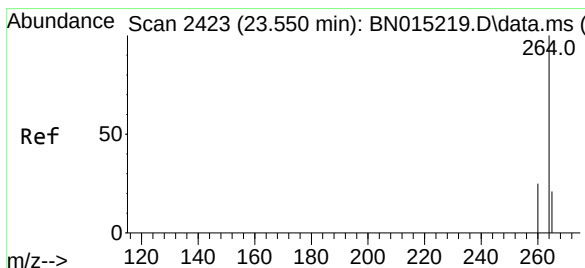
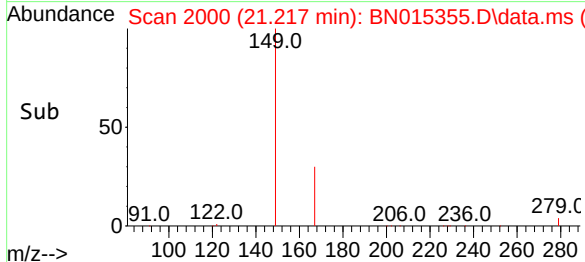
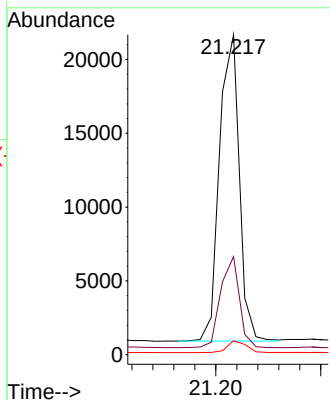
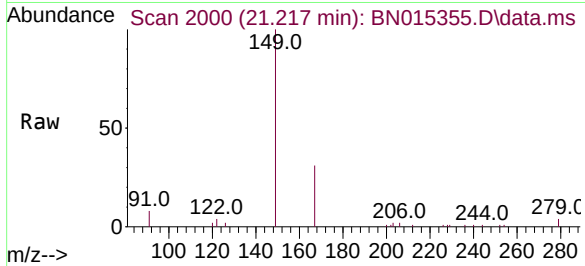




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.439 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

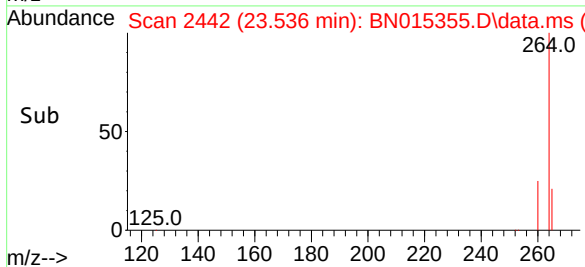
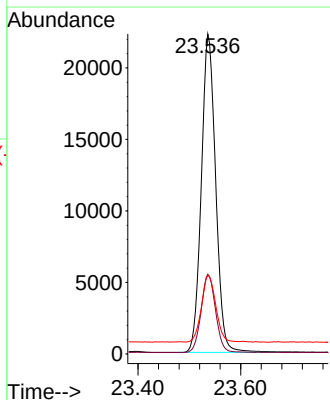
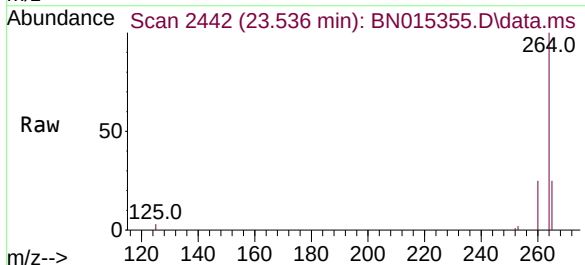
Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

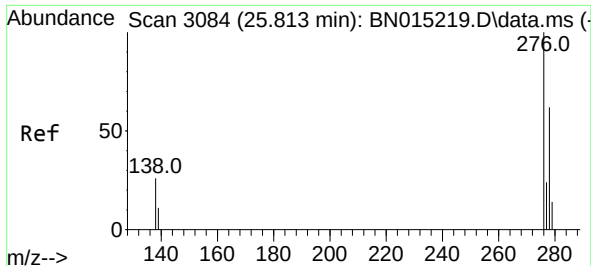
Tgt Ion:149 Resp: 27276
Ion Ratio Lower Upper
149 100
167 28.2 28.9 43.3#
279 3.8 4.9 7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.536 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:264 Resp: 43119
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 24.6 21.4 32.2

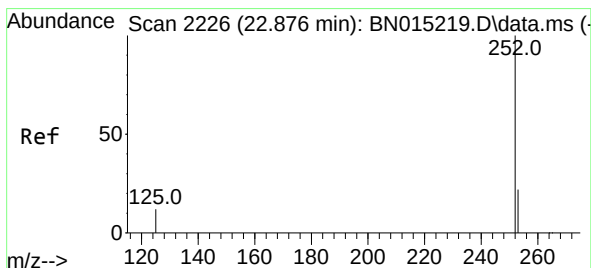
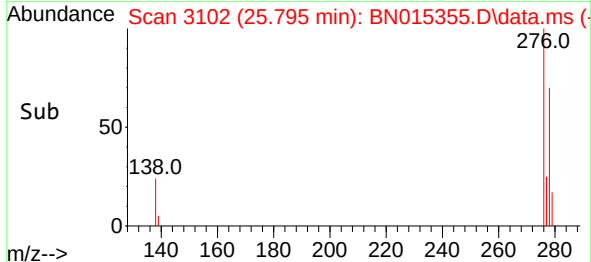
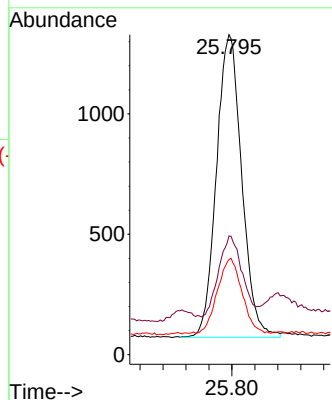
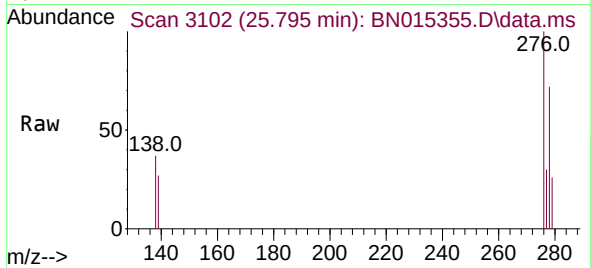




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng
RT: 25.795 min Scan# 3102
Delta R.T. -0.018 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

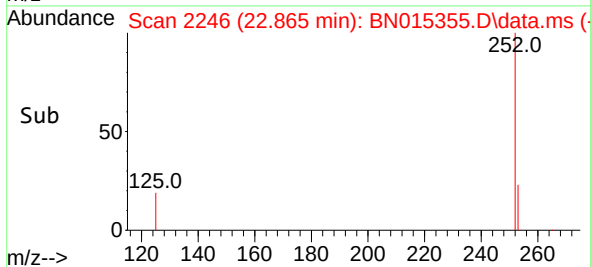
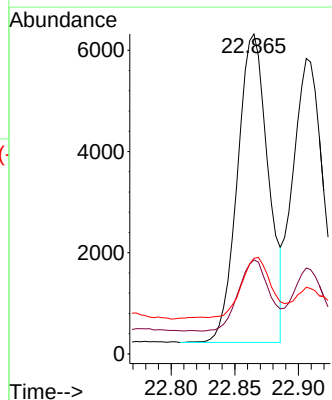
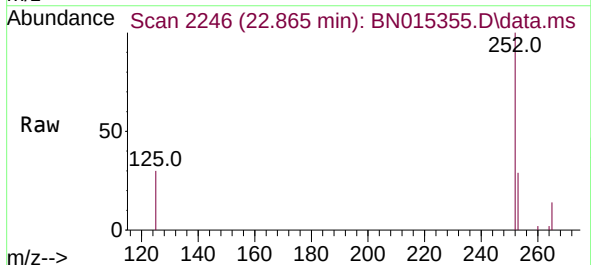
Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

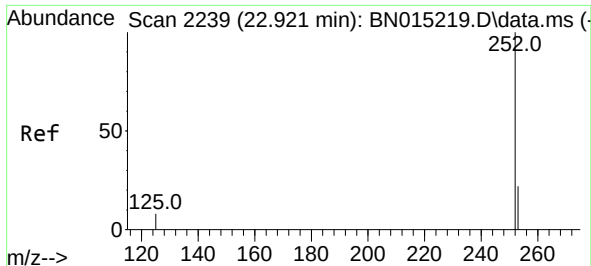
Tgt Ion:276 Resp: 3847
Ion Ratio Lower Upper
276 100
138 24.7 10.0 15.0#
277 24.0 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.061 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.011 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:252 Resp: 10290
Ion Ratio Lower Upper
252 100
253 29.4 18.5 27.7#
125 29.9 5.8 8.6#

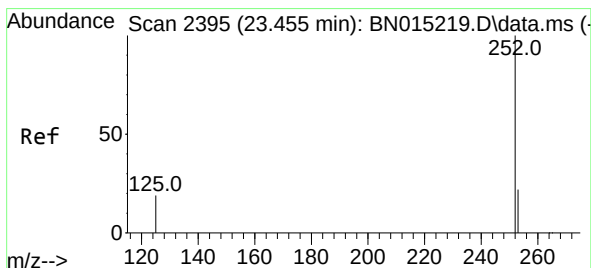
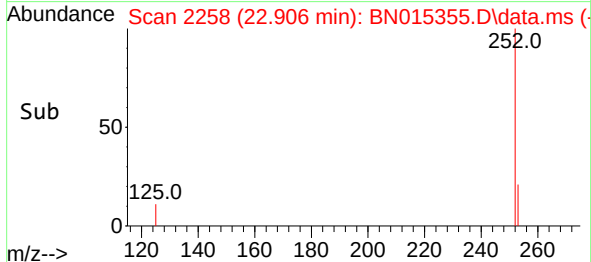
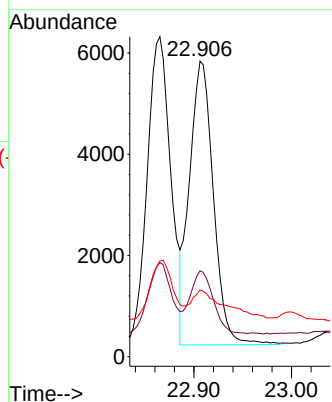
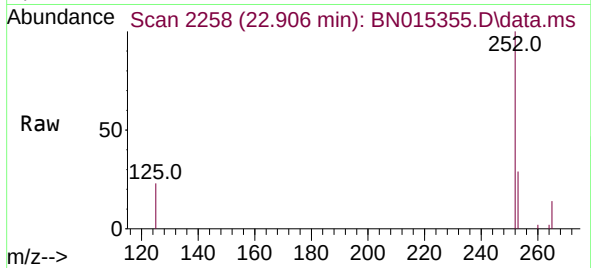




#38
Benzo(k)fluoranthene
Concen: 0.053 ng
RT: 22.906 min Scan# 2258
Delta R.T. -0.014 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

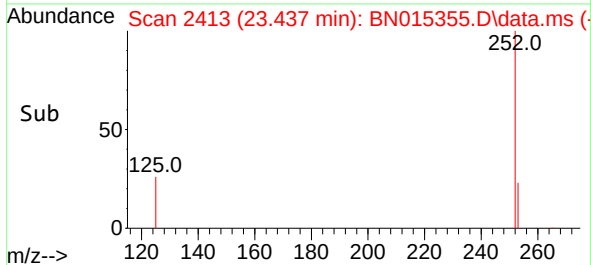
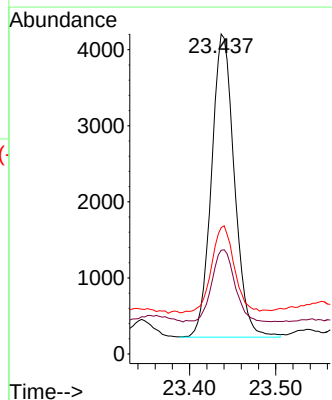
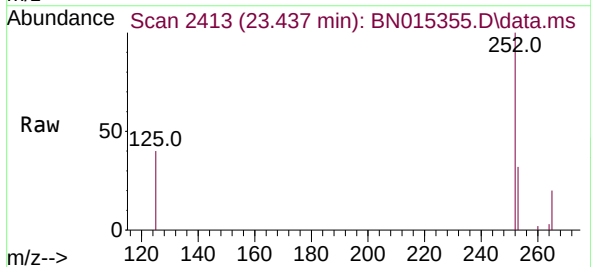
Instrument :
BNA_N
ClientSampleId :
MW-10A-062921-FD

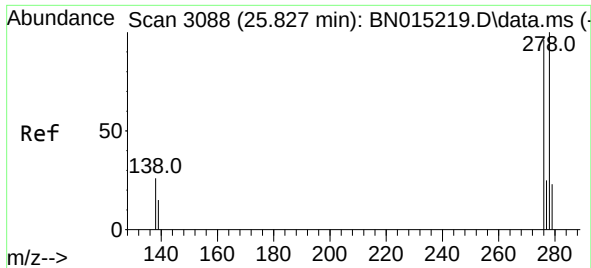
Tgt Ion:252 Resp: 9561
Ion Ratio Lower Upper
252 100
253 29.1 19.1 28.7#
125 22.5 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.048 ng
RT: 23.437 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:252 Resp: 7351
Ion Ratio Lower Upper
252 100
253 32.4 19.4 29.2#
125 39.5 7.4 11.2#





#40

Dibenzo(a,h)anthracene

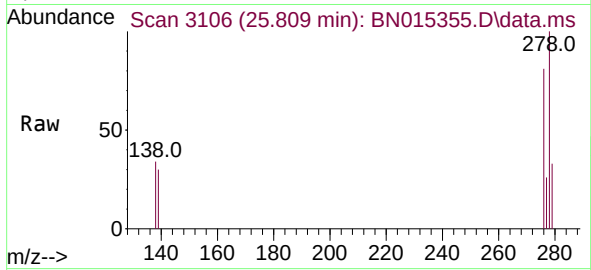
Concen: 0.028 ng

RT: 25.809 min Scan# 3106

Delta R.T. -0.018 min

Lab File: BN015355.D

Acq: 07 Jul 2021 02:27



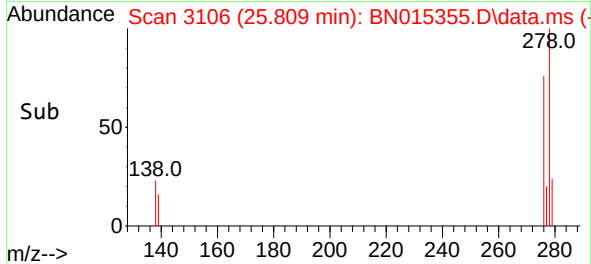
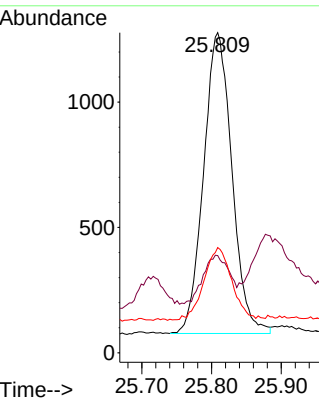
Tgt Ion: 278 Resp: 3391

Ion Ratio Lower Upper

278 100

139 30.4 9.0 13.4#

279 32.9 21.0 31.4#



Instrument :

BNA_N

ClientSampleId :

MW-10A-062921-FD