

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019059.D
 Acq On : 22 Mar 2022 16:32
 Operator : CG/JU
 Sample : N2041-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316

Quant Time: Mar 23 04:50:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

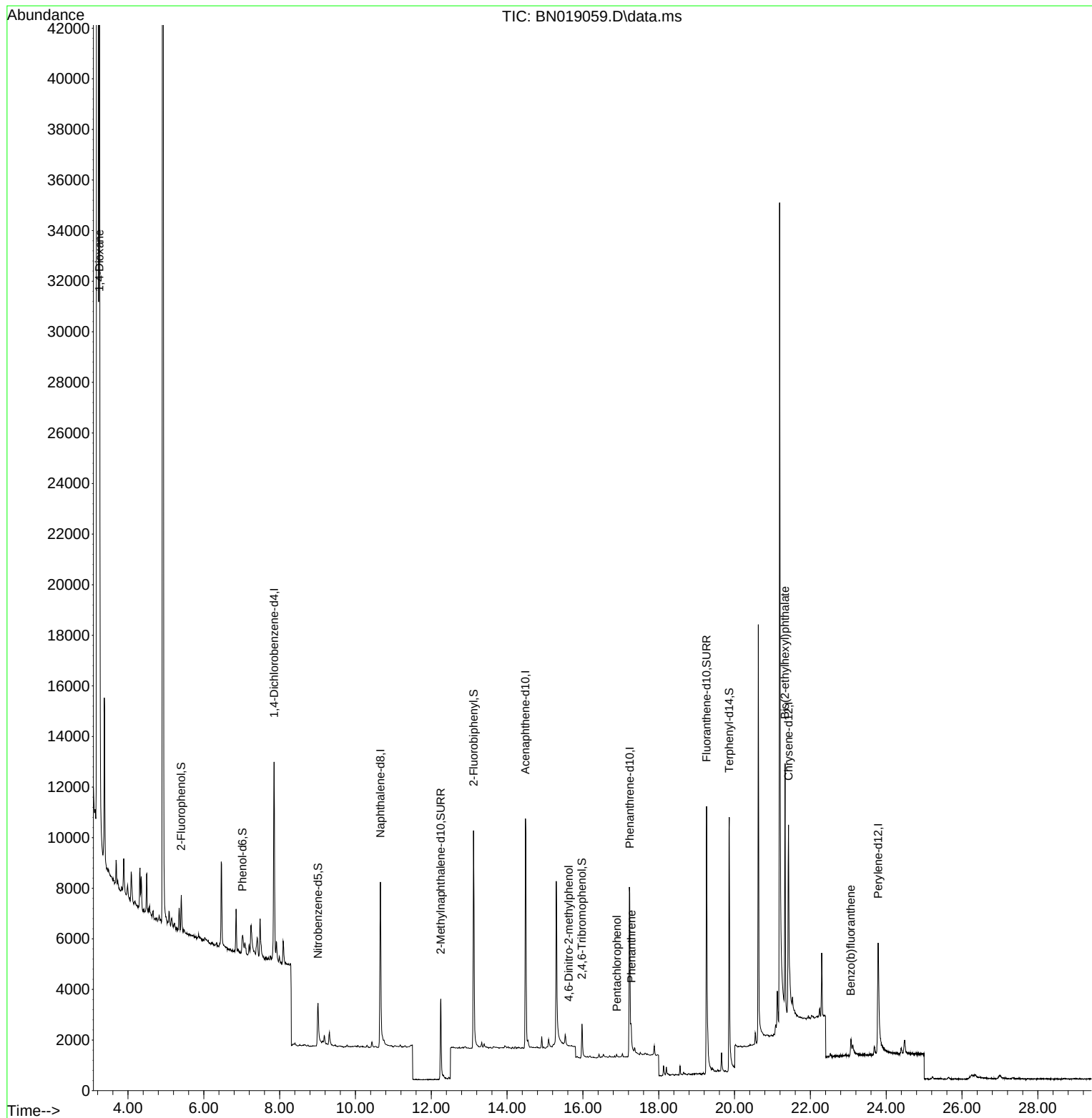
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3782	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9967	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6030	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12391	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	10726	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	9187	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1212	0.143	ng	0.00
5) Phenol-d6	7.017	99	653	0.073	ng	0.00
8) Nitrobenzene-d5	9.014	82	2192	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	5110	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	881	0.303	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	8197	0.339	ng	-0.01
27) Fluoranthene-d10	19.261	212	14083	0.383	ng	0.00
31) Terphenyl-d14	19.860	244	13630	0.517	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	30717	6.572	ng	97
20) 4,6-Dinitro-2-methylph...	15.629	198	16	0.116	ng	# 1
24) Pentachlorophenol	16.897	266	69	0.022	ng	96
25) Phenanthrene	17.277	178	909	0.023	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.333	149	9255	0.422	ng	96
37) Benzo(b)fluoranthene	23.068	252	754	0.022	ng	# 1

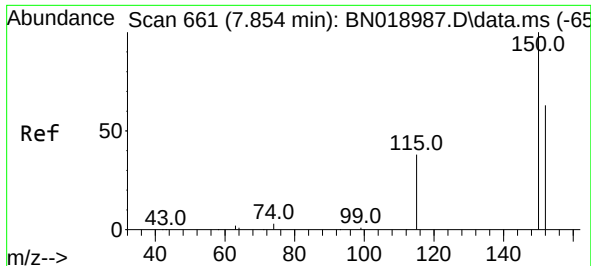
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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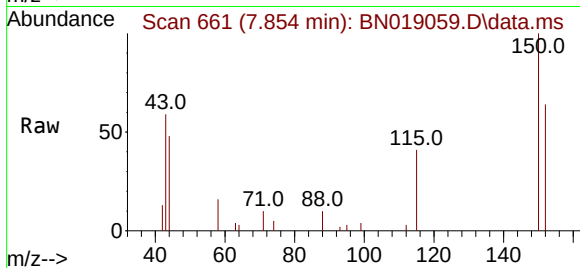
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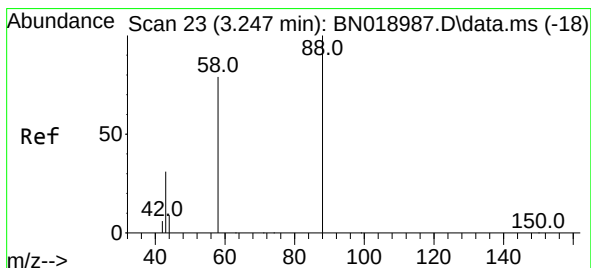
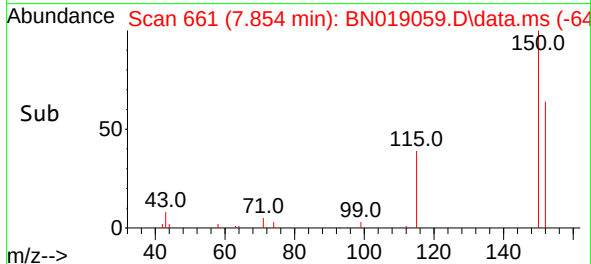
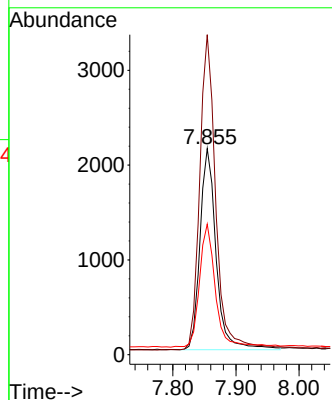
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019059.D
 Acq: 22 Mar 2022 16:32

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316



Tgt Ion:152 Resp: 3782

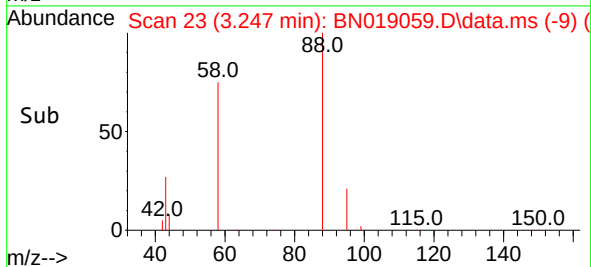
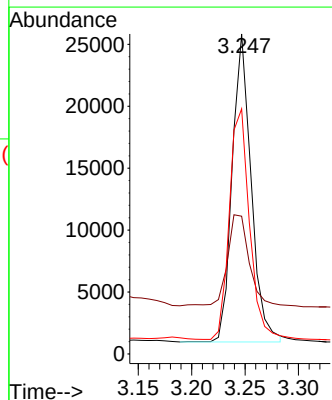
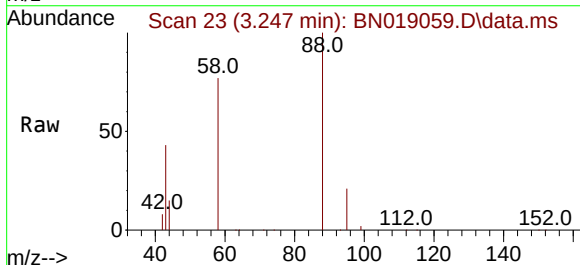
Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.9	185.9
115	63.4	48.2	72.4

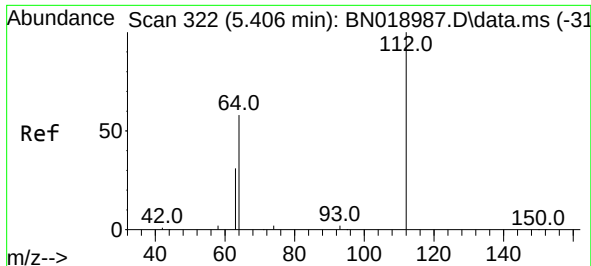


#2
 1,4-Dioxane
 Concen: 6.572 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019059.D
 Acq: 22 Mar 2022 16:32

Tgt Ion: 88 Resp: 30717

Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.6	37.0
58	79.3	65.4	98.2





#4

2-Fluorophenol

Concen: 0.143 ng

RT: 5.406 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN019059.D

Acq: 22 Mar 2022 16:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20220316

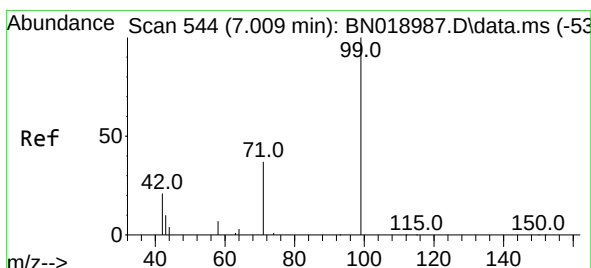
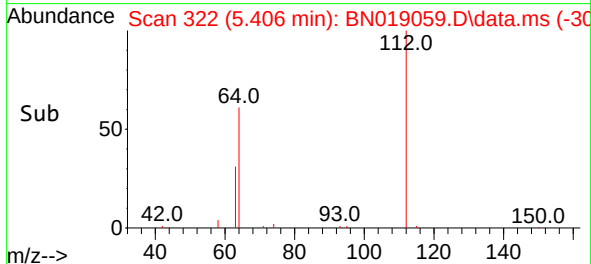
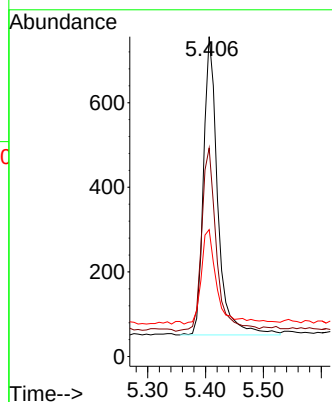
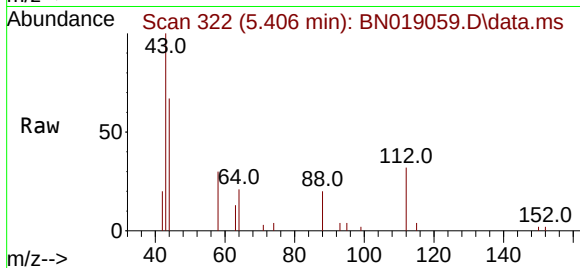
Tgt Ion:112 Resp: 1212

Ion Ratio Lower Upper

112 100

64 63.6 47.8 71.8

63 35.0 25.7 38.5



#5

Phenol-d6

Concen: 0.073 ng

RT: 7.017 min Scan# 545

Delta R.T. 0.007 min

Lab File: BN019059.D

Acq: 22 Mar 2022 16:32

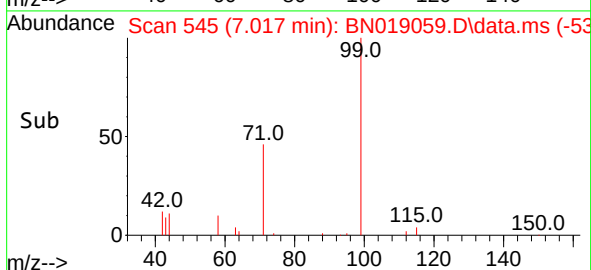
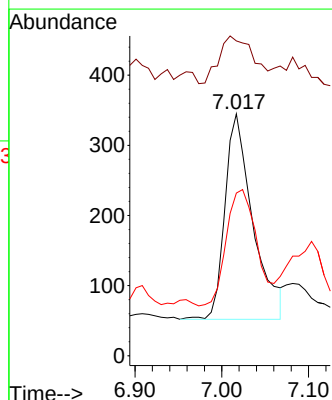
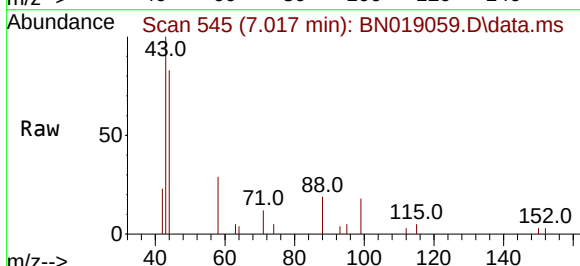
Tgt Ion: 99 Resp: 653

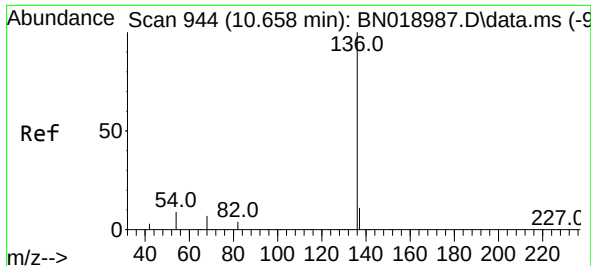
Ion Ratio Lower Upper

99 100

42 28.2 16.2 24.4#

71 62.2 27.7 41.5#

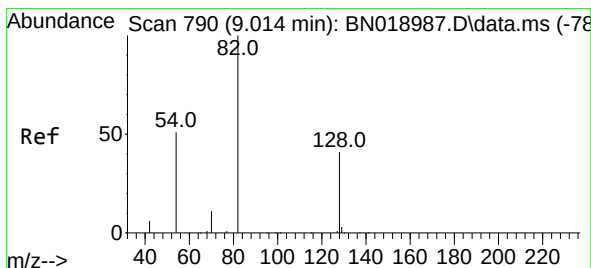
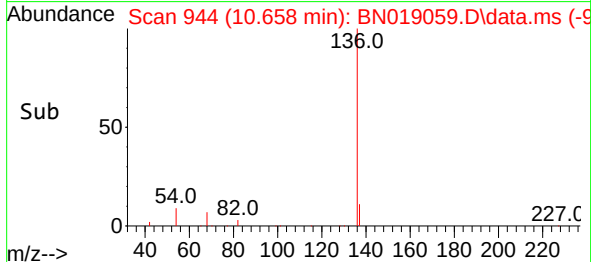
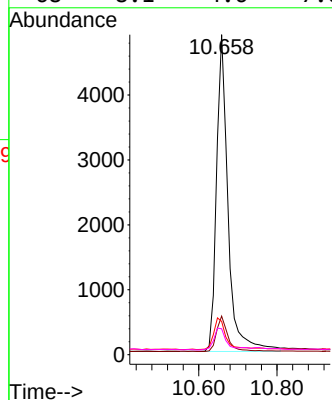
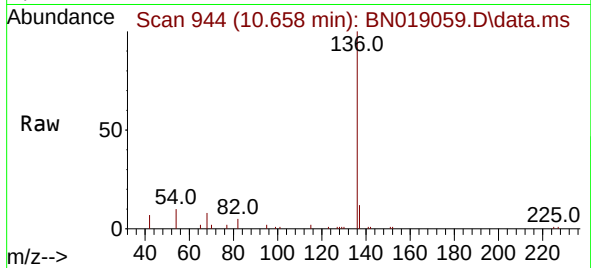




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

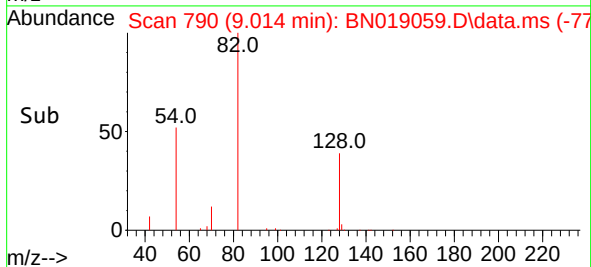
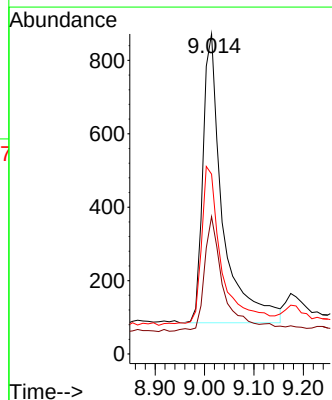
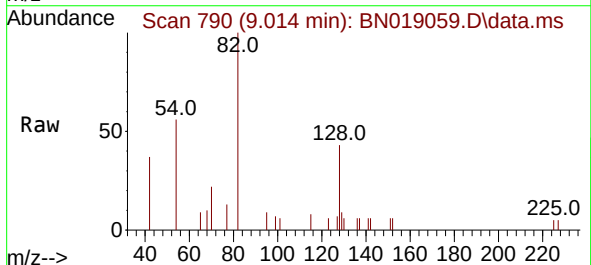
Instrument :
BNA_N
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RE120D1-20220316

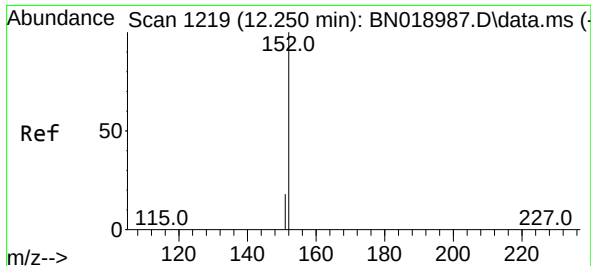
Tgt Ion:	136	Resp:	9967
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.4
54	10.4	5.8	8.6#
68	8.1	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Tgt Ion:	82	Resp:	2192
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.0	49.6
54	56.2	42.5	63.7





#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 12.250 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN019059.D

Acq: 22 Mar 2022 16:32

Instrument :

BNA_N

ClientSampleId :

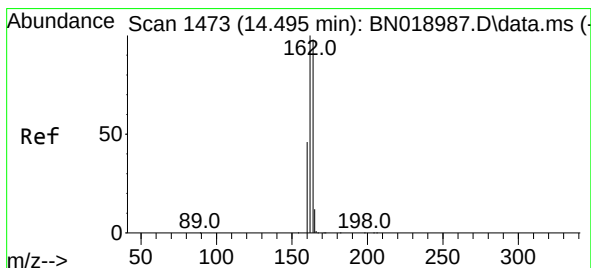
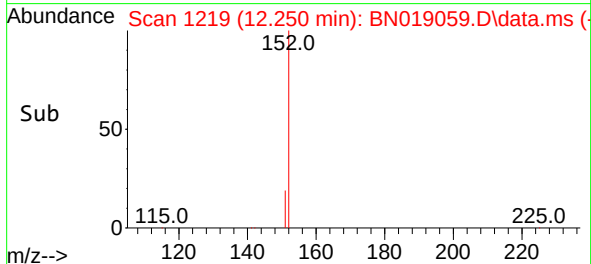
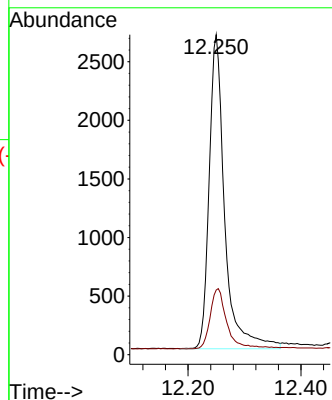
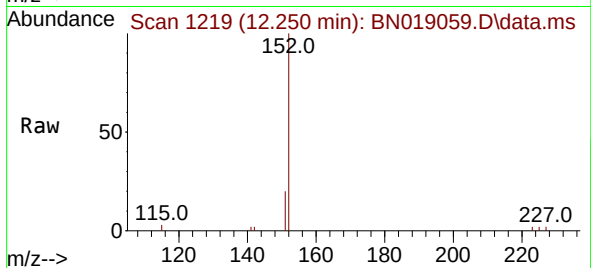
RE120D1-20220316

Tgt Ion:152 Resp: 5110

Ion Ratio Lower Upper

152 100

151 21.1 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1472

Delta R.T. -0.011 min

Lab File: BN019059.D

Acq: 22 Mar 2022 16:32

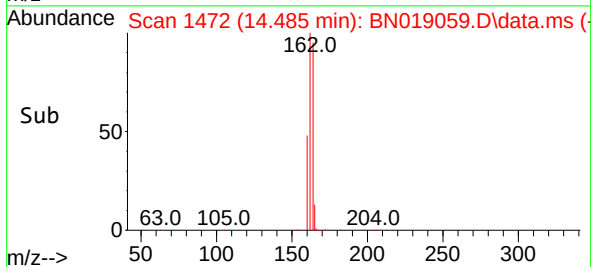
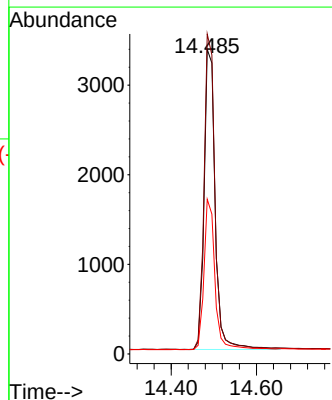
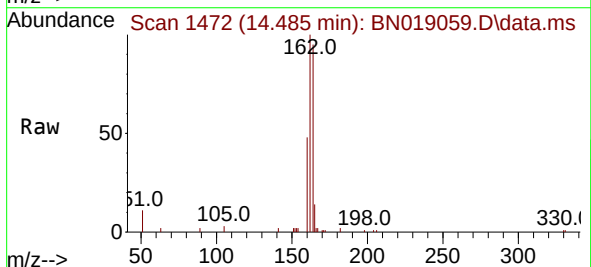
Tgt Ion:164 Resp: 6030

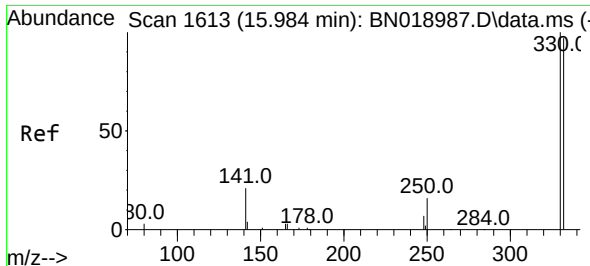
Ion Ratio Lower Upper

164 100

162 105.1 85.2 127.8

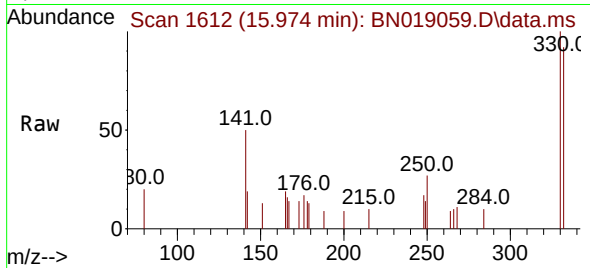
160 50.8 41.5 62.3



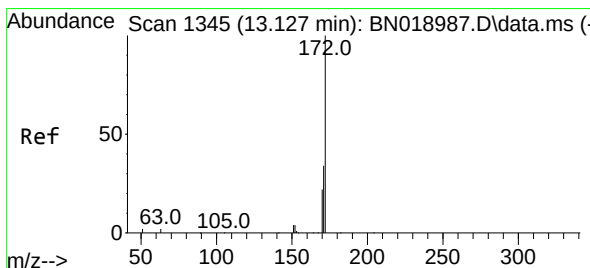
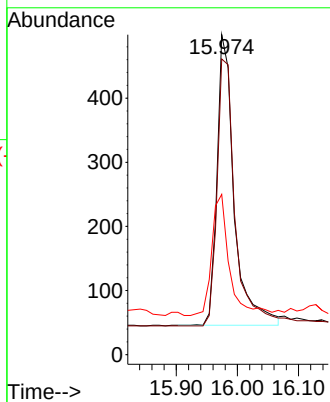
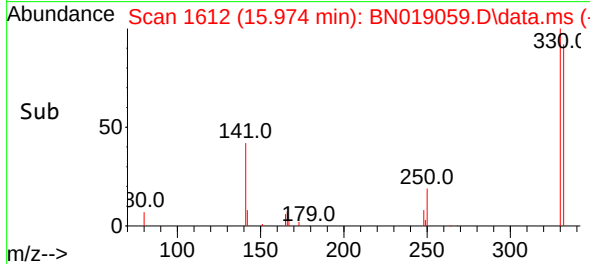


#14
 2,4,6-Tribromophenol
 Concen: 0.303 ng
 RT: 15.974 min Scan# 1
 Delta R.T. -0.010 min
 Lab File: BN019059.D
 Acq: 22 Mar 2022 16:32

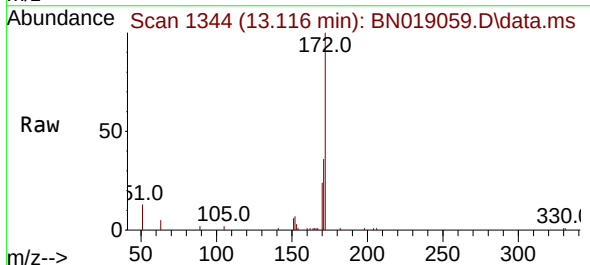
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 ClientSampleId :
 RE120D1-20220316



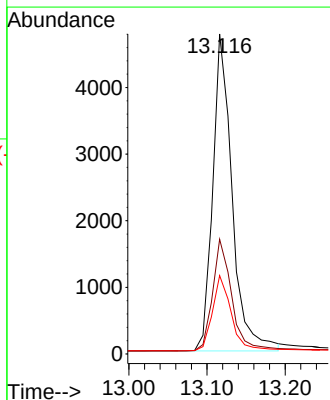
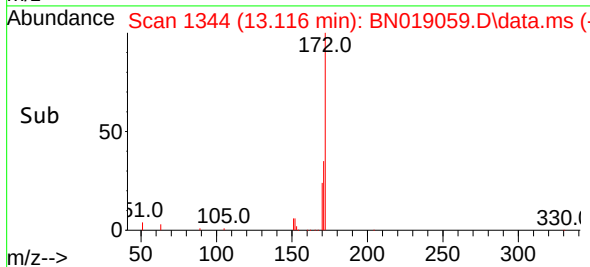
Tgt Ion:330 Resp: 881
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 42.7 32.2 48.2

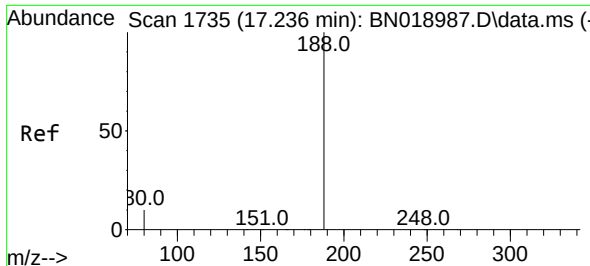


#15
 2-Fluorobiphenyl
 Concen: 0.339 ng
 RT: 13.116 min Scan# 1344
 Delta R.T. -0.011 min
 Lab File: BN019059.D
 Acq: 22 Mar 2022 16:32



Tgt Ion:172 Resp: 8197
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 24.5 18.7 28.1

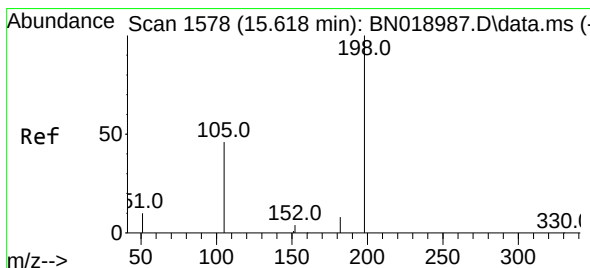
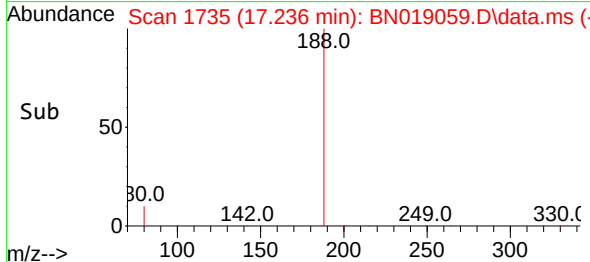
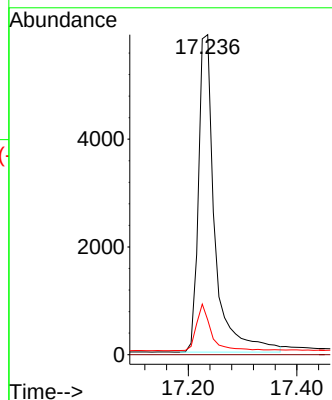
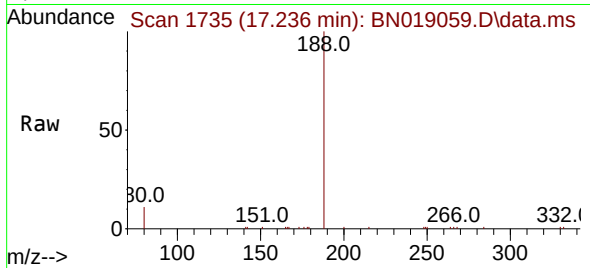




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

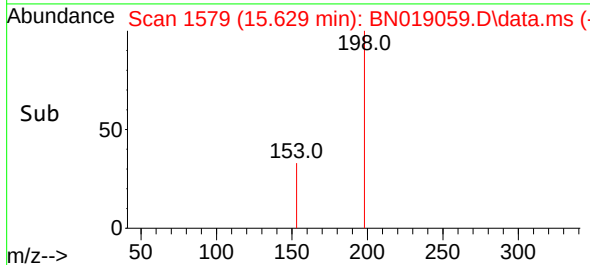
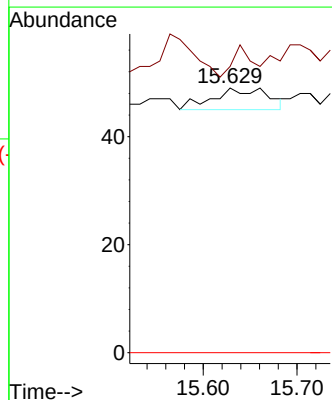
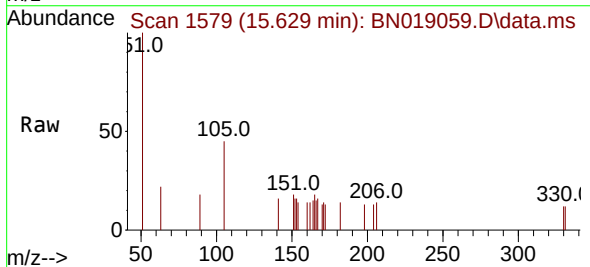
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BNA_N
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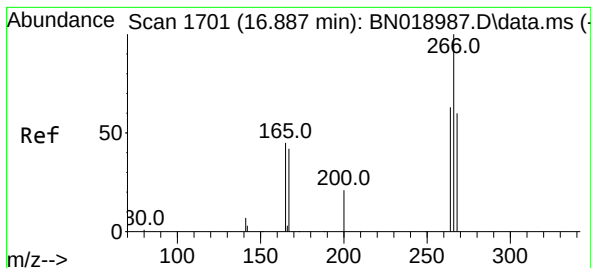
Tgt Ion:188 Resp: 12391
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 11.8 17.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.116 ng
RT: 15.629 min Scan# 1579
Delta R.T. 0.011 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
182 108.2 13.0 19.4#
77 0.0 0.0 0.0





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.897 min Scan# 1702

Delta R.T. 0.010 min

Lab File: BN019059.D

Acq: 22 Mar 2022 16:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20220316

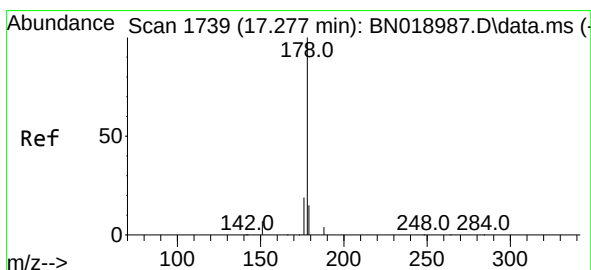
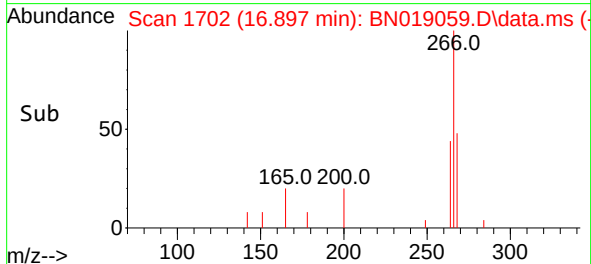
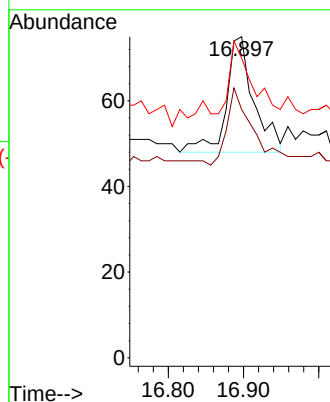
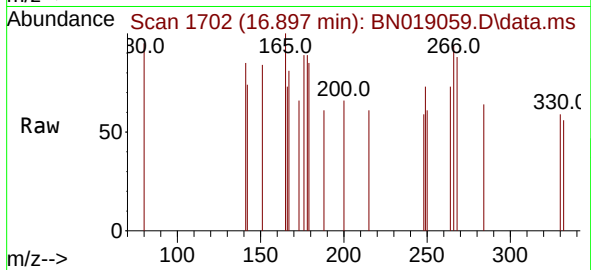
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

266 100

264 63.8 50.2 75.4

268 59.4 51.9 77.9



#25

Phenanthrene

Concen: 0.023 ng

RT: 17.277 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN019059.D

Acq: 22 Mar 2022 16:32

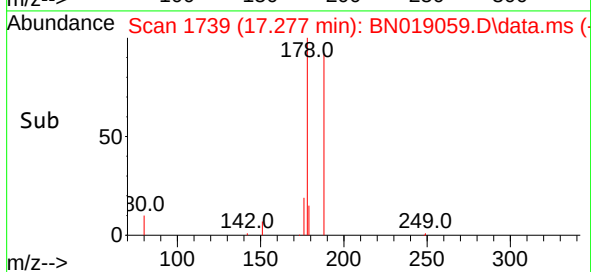
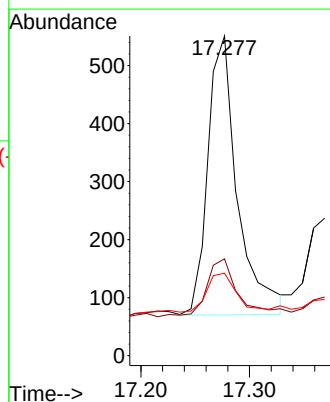
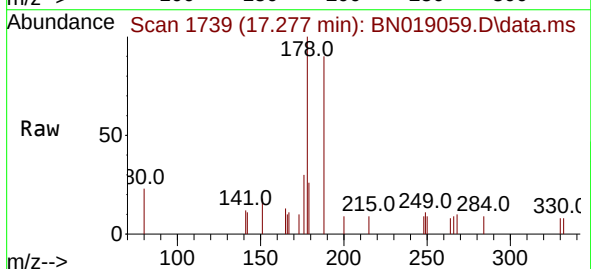
Tgt Ion:178 Resp: 909

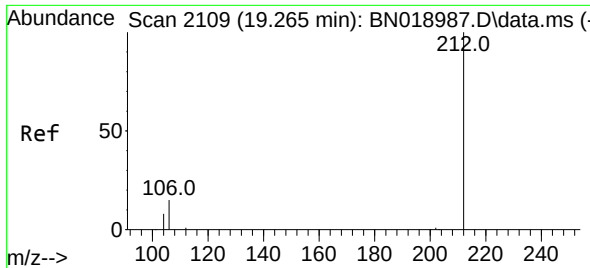
Ion Ratio Lower Upper

178 100

176 23.2 15.4 23.0#

179 19.8 12.2 18.2#

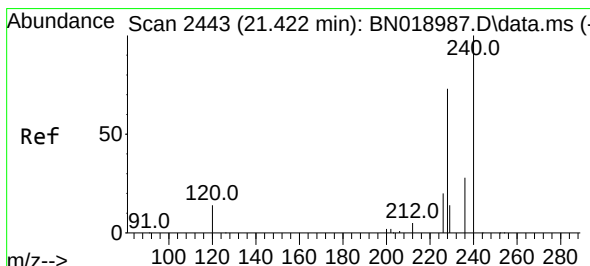
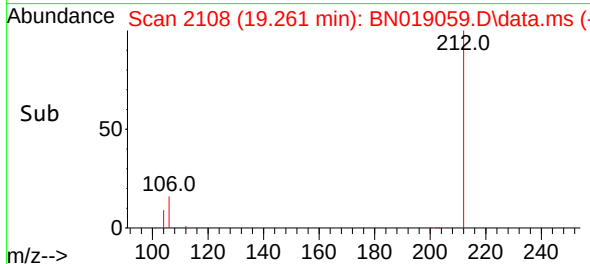
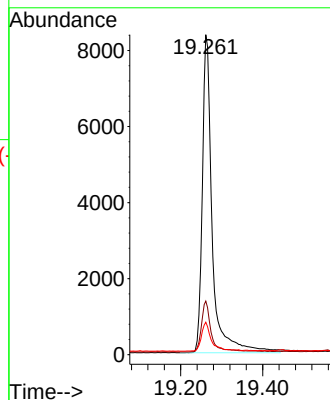
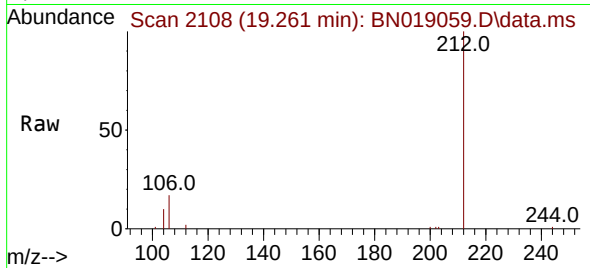




#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

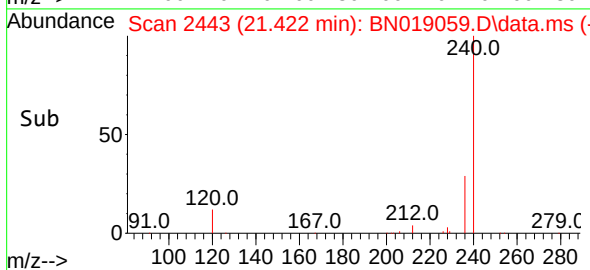
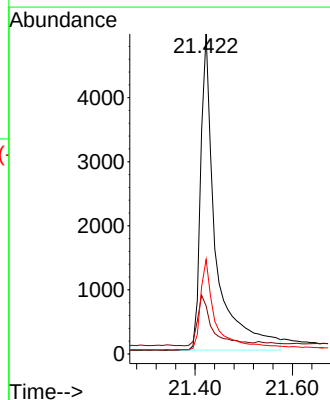
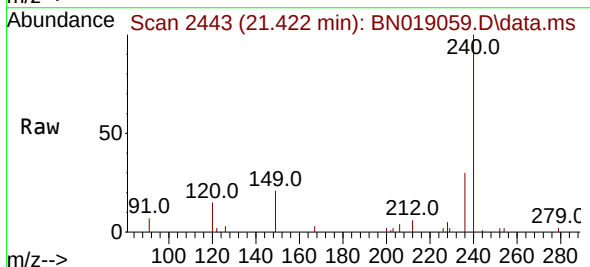
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316

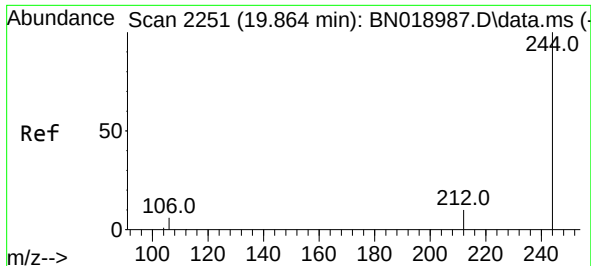
Tgt Ion:212 Resp: 14083
Ion Ratio Lower Upper
212 100
106 15.4 12.7 19.1
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Tgt Ion:240 Resp: 10726
Ion Ratio Lower Upper
240 100
120 15.0 8.5 12.7#
236 29.5 22.4 33.6

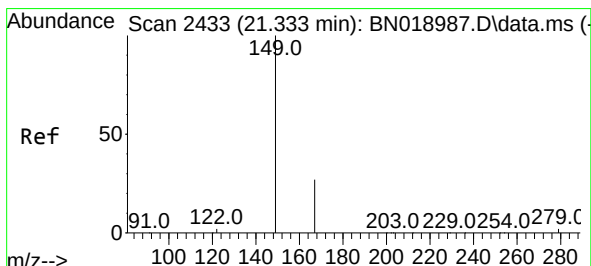
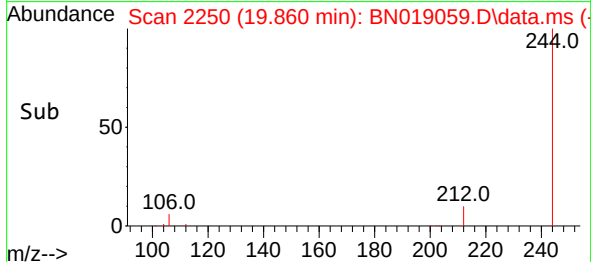
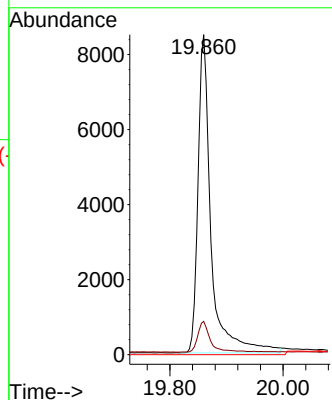
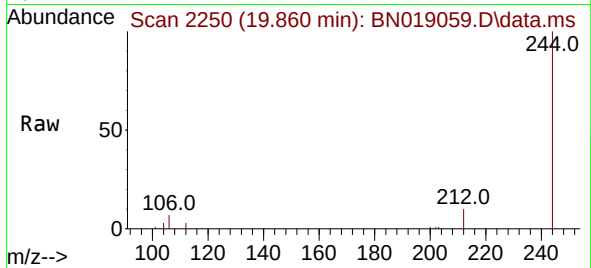




#31
Terphenyl-d14
Concen: 0.517 ng
RT: 19.860 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

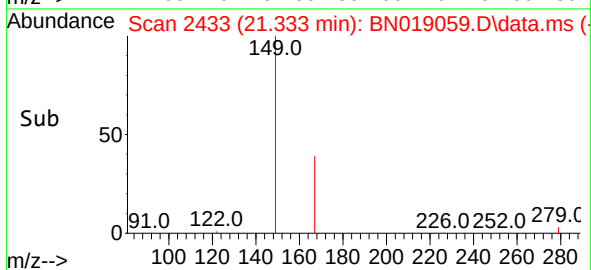
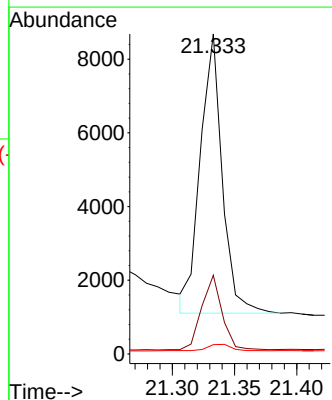
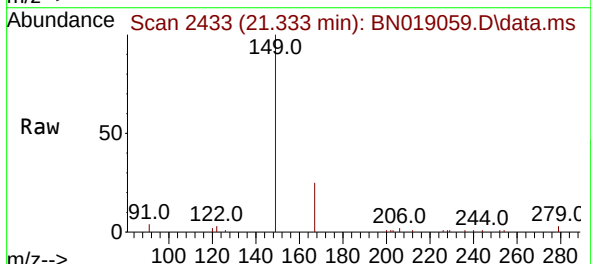
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220316

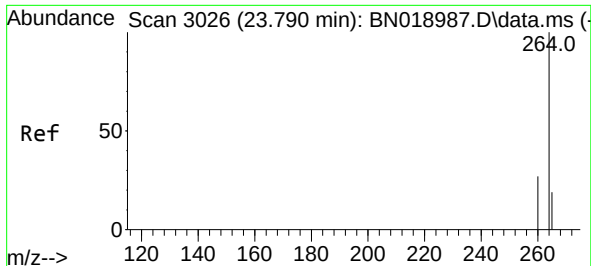
Tgt Ion:244 Resp: 13630
Ion Ratio Lower Upper
244 100
212 10.4 8.2 12.4
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.422 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019059.D
Acq: 22 Mar 2022 16:32

Tgt Ion:149 Resp: 9255
Ion Ratio Lower Upper
149 100
167 25.2 21.8 32.8
279 2.8 2.0 3.0

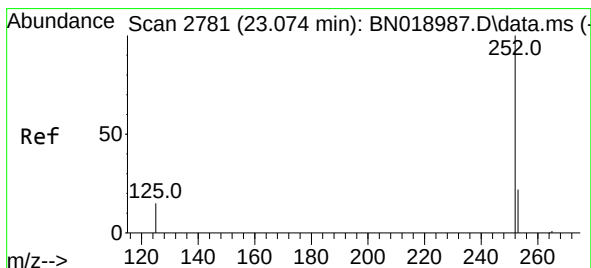
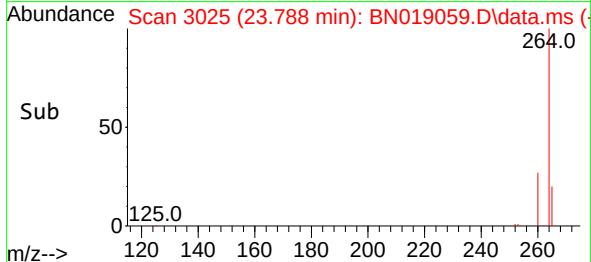
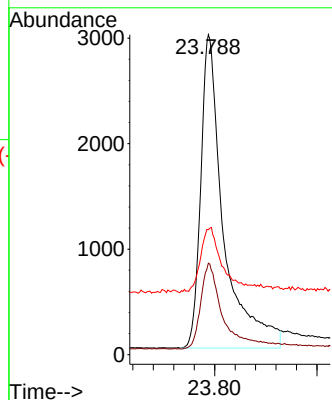
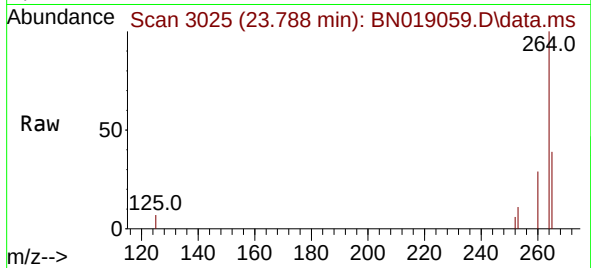




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN019059.D
 Acq: 22 Mar 2022 16:32

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220316

Tgt Ion:264 Resp: 9187
 Ion Ratio Lower Upper
 264 100
 260 28.6 22.4 33.6
 265 39.1 25.3 37.9#



#37
 Benzo(b)fluoranthene
 Concen: 0.022 ng
 RT: 23.068 min Scan# 2779
 Delta R.T. -0.006 min
 Lab File: BN019059.D
 Acq: 22 Mar 2022 16:32

Tgt Ion:252 Resp: 754
 Ion Ratio Lower Upper
 252 100
 253 84.3 18.9 28.3#
 125 76.9 12.1 18.1#

