

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019139.D
 Acq On : 24 Mar 2022 22:56
 Operator : CG/JU
 Sample : N2075-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20220322

Quant Time: Mar 25 04:30:05 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)

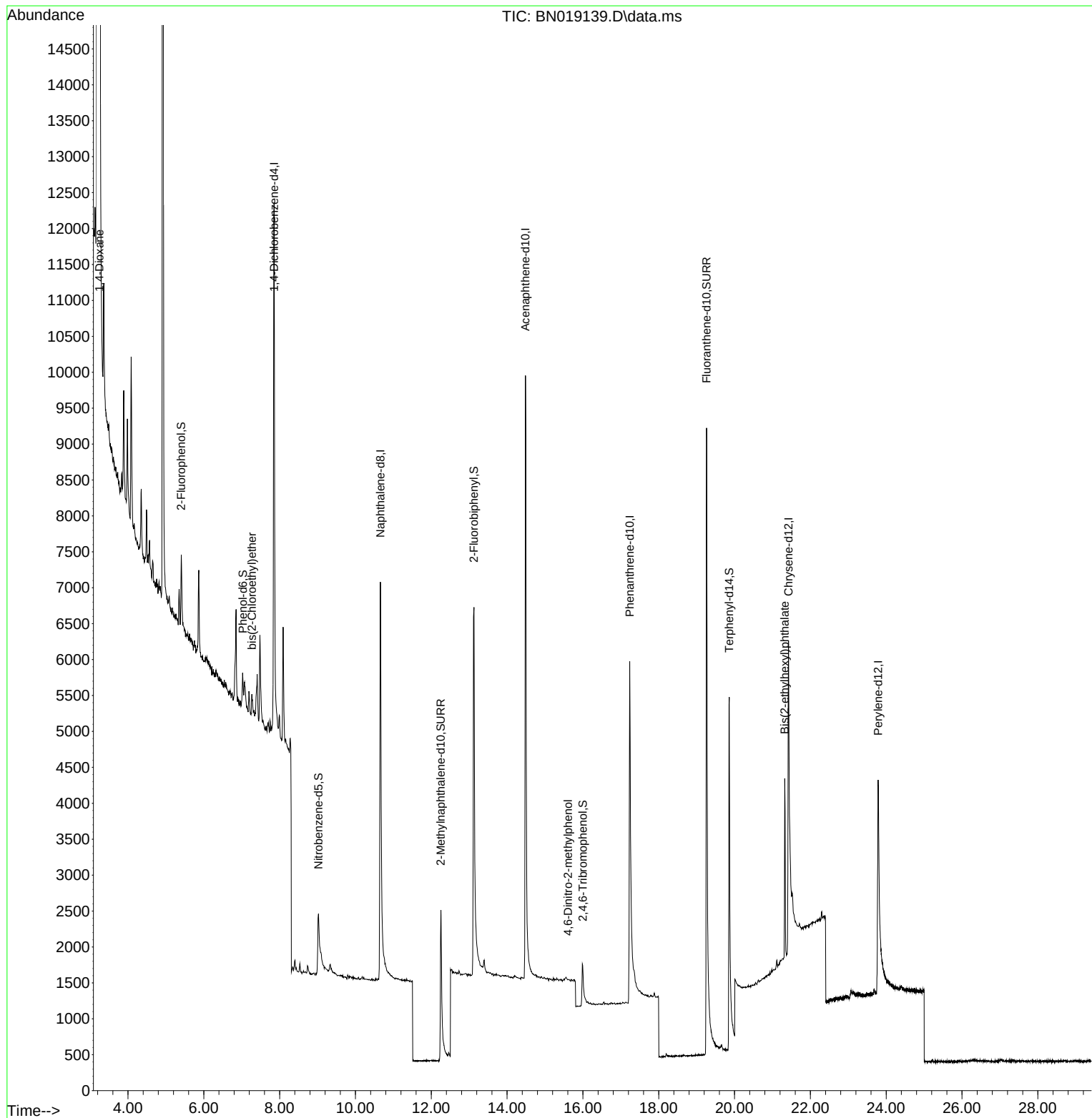
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4395	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11000	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6484	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12228	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9502	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	6959	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1016	0.103	ng	0.00
5) Phenol-d6	7.031	99	413	0.040	ng	0.02
8) Nitrobenzene-d5	9.025	82	1777	0.224	ng	0.01
11) 2-Methylnaphthalene-d10	12.254	152	5068	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	623	0.199	ng	0.01
15) 2-Fluorobiphenyl	13.127	172	7096	0.273	ng	0.00
27) Fluoranthene-d10	19.261	212	15367	0.424	ng	0.00
31) Terphenyl-d14	19.860	244	9331	0.400	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	23292	4.288	ng	# 88
6) bis(2-Chloroethyl)ether	7.269	93	351	0.029	ng	93
20) 4,6-Dinitro-2-methylph...	15.607	198	3	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	2412	0.124	ng	# 100

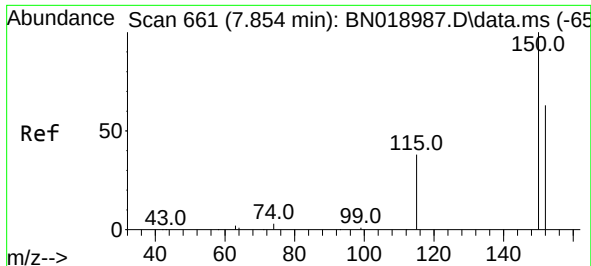
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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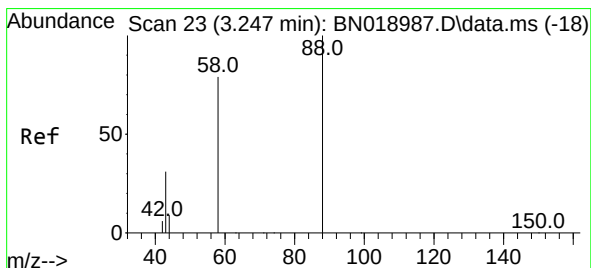
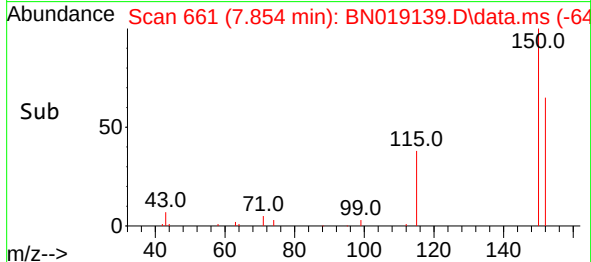
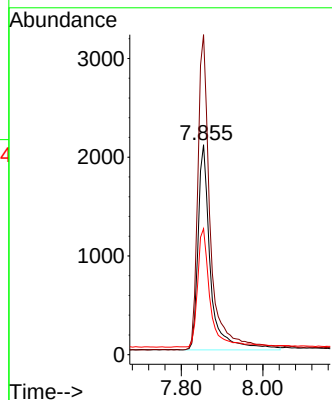
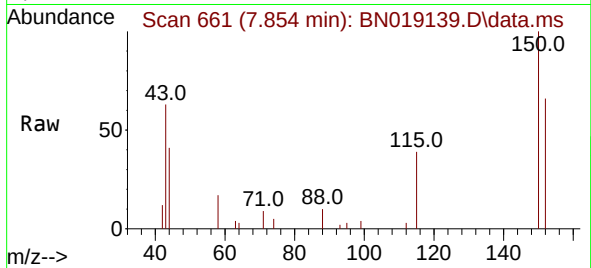




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019139.D
 Acq: 24 Mar 2022 22:56

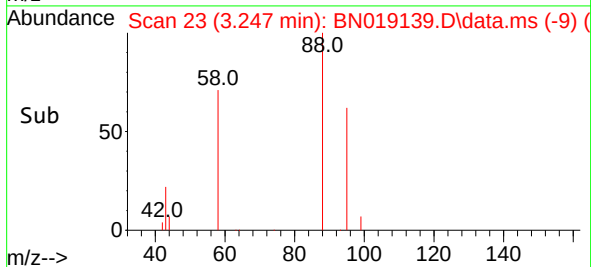
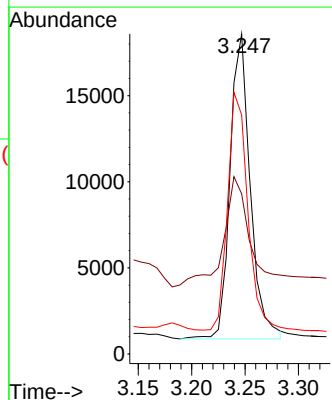
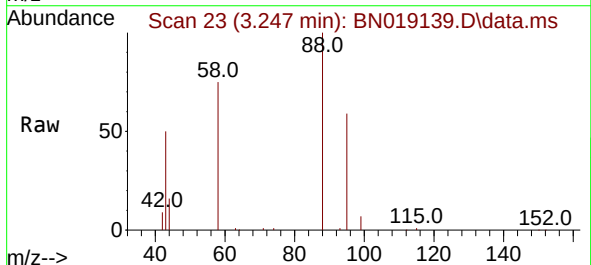
Instrument :
 BNA_N
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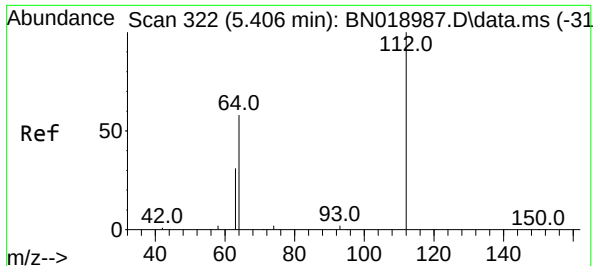
Tgt Ion:152 Resp: 4395
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.9 185.9
 115 60.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 4.288 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019139.D
 Acq: 24 Mar 2022 22:56

Tgt Ion: 88 Resp: 23292
 Ion Ratio Lower Upper
 88 100
 43 46.9 24.6 37.0#
 58 77.5 65.4 98.2

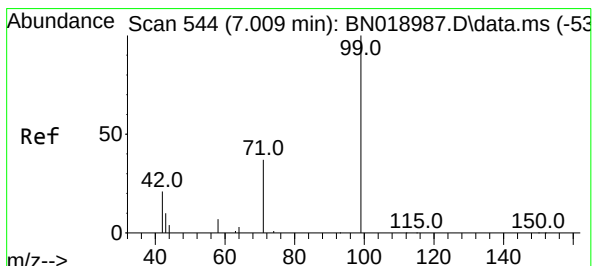
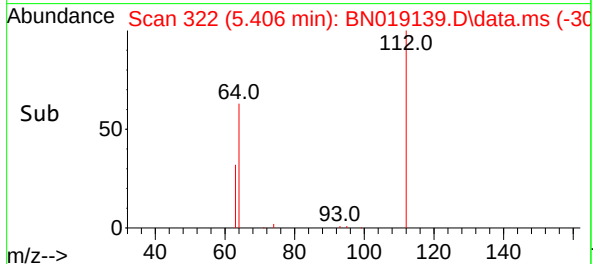
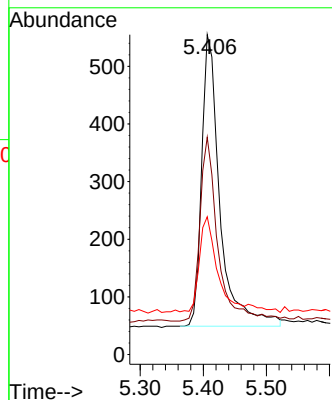
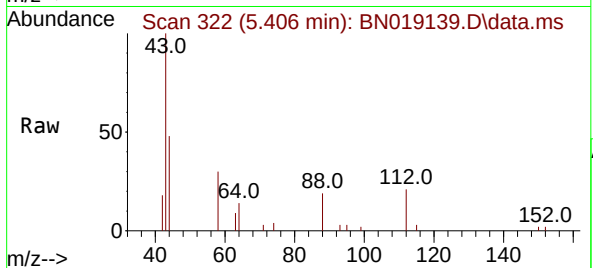




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

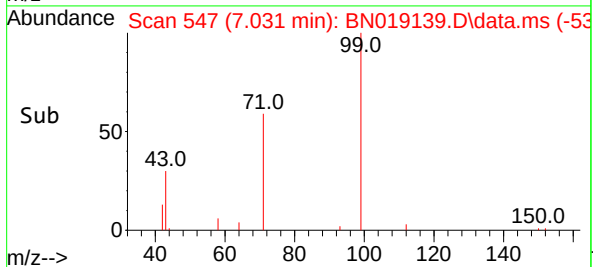
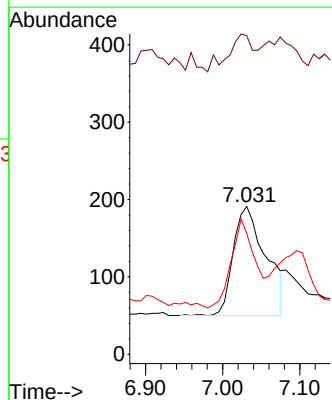
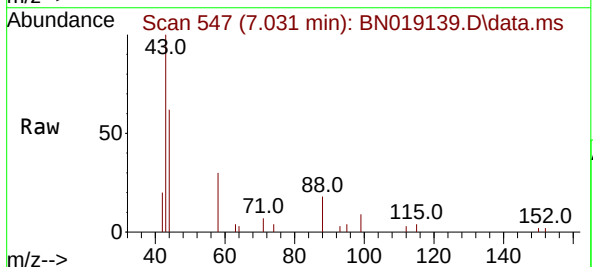
Instrument :
BNA_N
ClientSampleId :
RE137-20220322

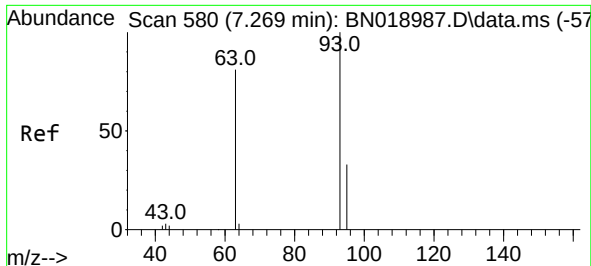
Tgt Ion:112 Resp: 1016
Ion Ratio Lower Upper
112 100
64 61.8 47.8 71.8
63 34.4 25.7 38.5



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.022 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

Tgt Ion: 99 Resp: 413
Ion Ratio Lower Upper
99 100
42 27.4 16.2 24.4#
71 57.9 27.7 41.5#

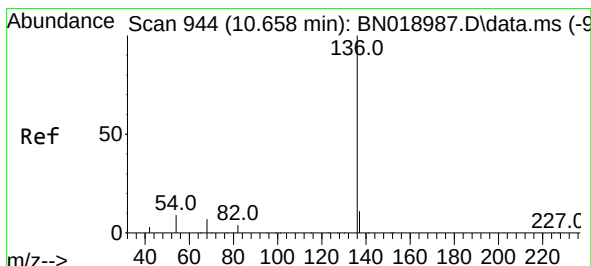
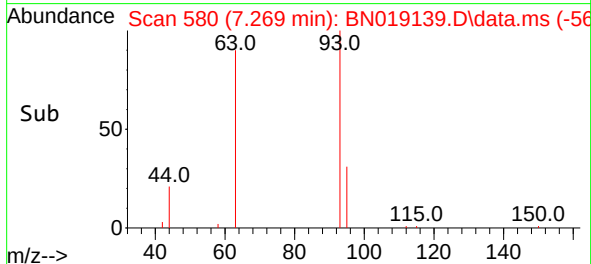
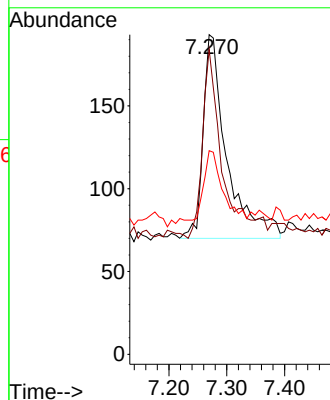
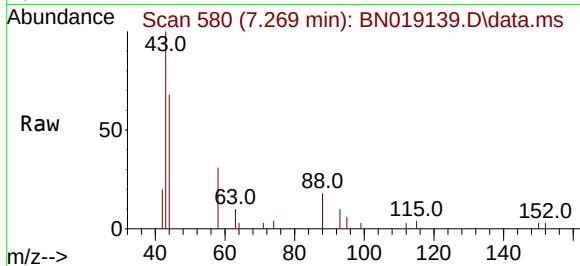




#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

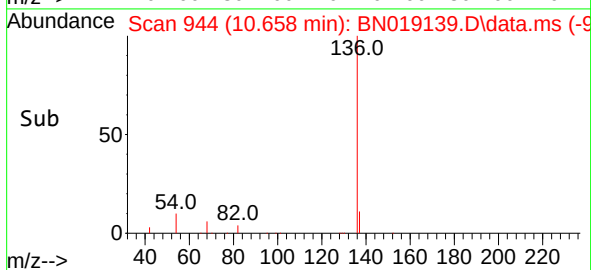
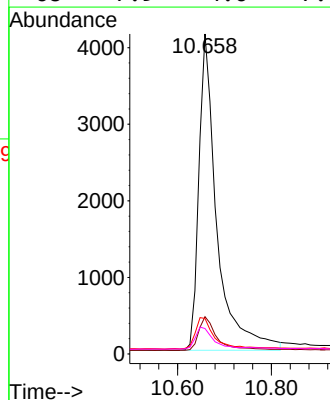
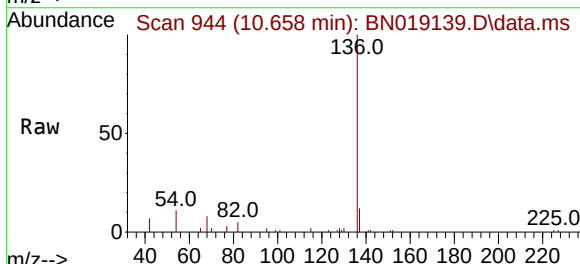
Instrument :
BNA_N
ClientSampleId :
RE137-20220322

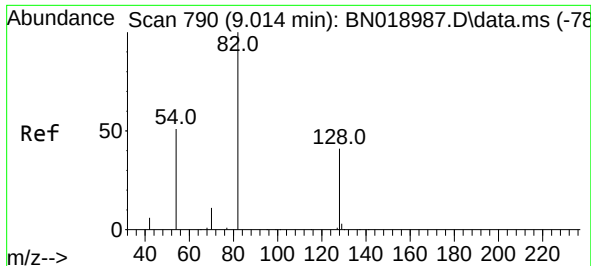
Tgt Ion:	93	Resp:	351
Ion	Ratio	Lower	Upper
93	100		
63	73.2	62.8	94.2
95	27.6	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

Tgt Ion:	136	Resp:	11000
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	11.1	5.8	8.6#
68	7.9	4.6	7.0#

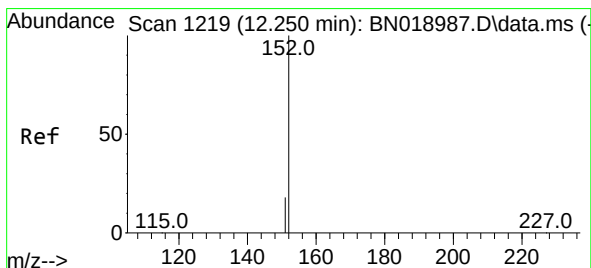
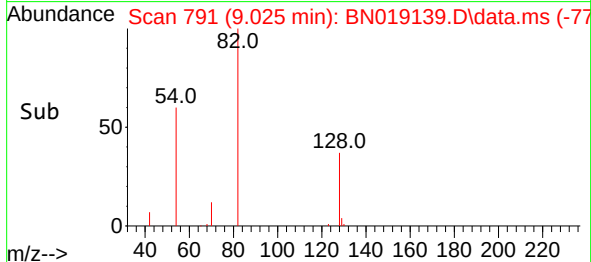
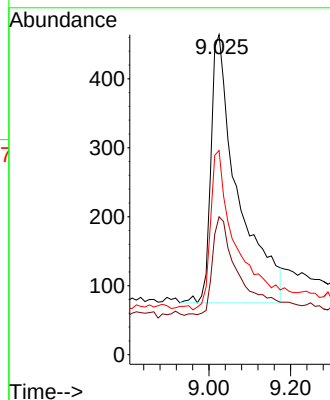
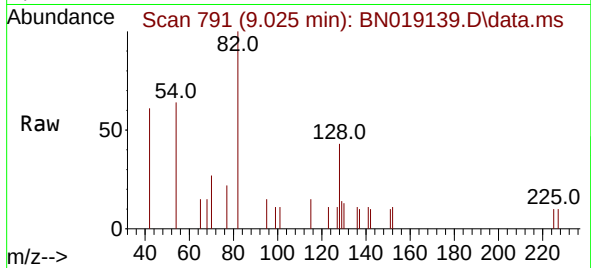




#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

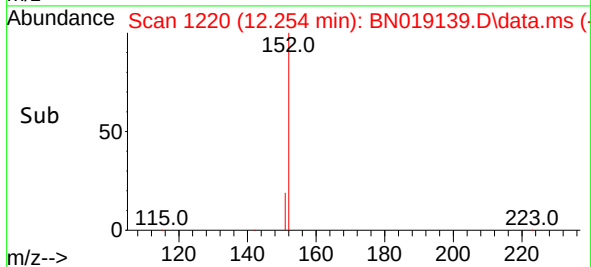
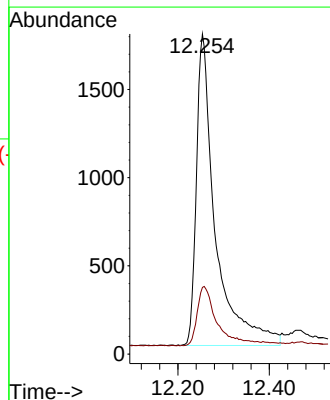
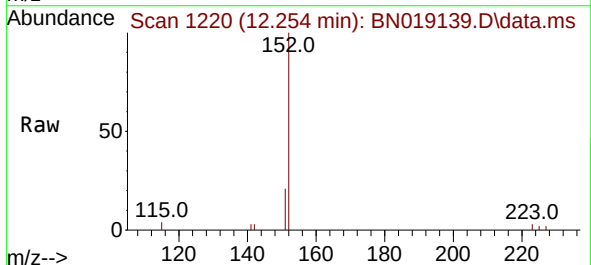
Instrument :
BNA_N
ClientSampleId :
RE137-20220322

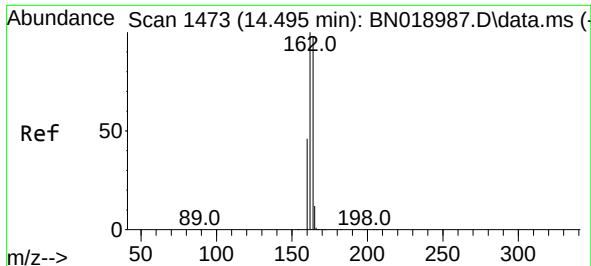
Tgt Ion: 82 Resp: 1777
Ion Ratio Lower Upper
82 100
128 43.1 33.0 49.6
54 63.8 42.5 63.7#



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.254 min Scan# 1220
Delta R.T. 0.004 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

Tgt Ion: 152 Resp: 5068
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7

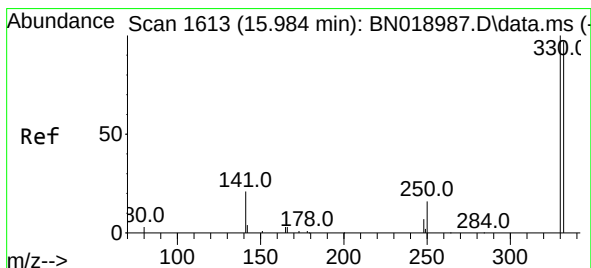
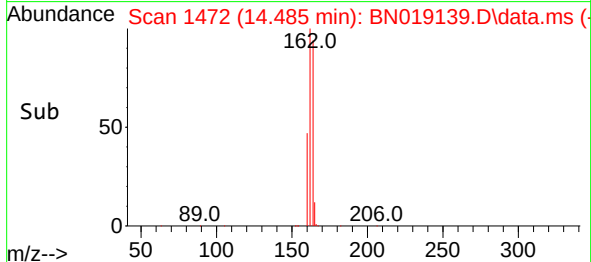
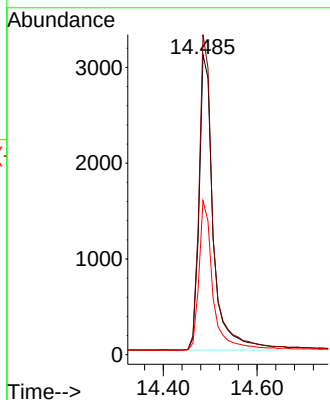
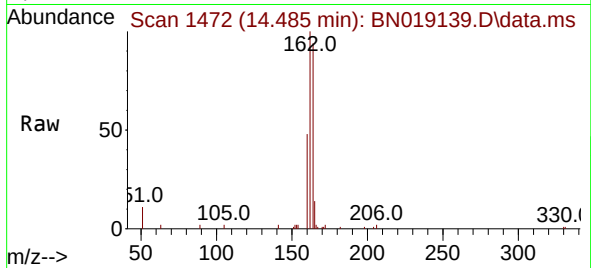




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

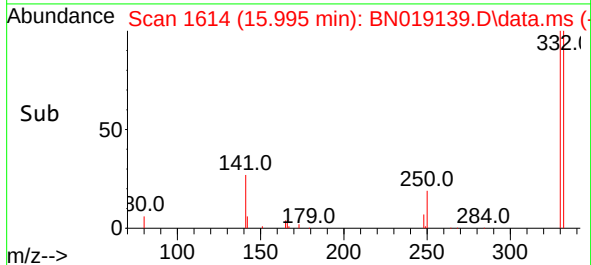
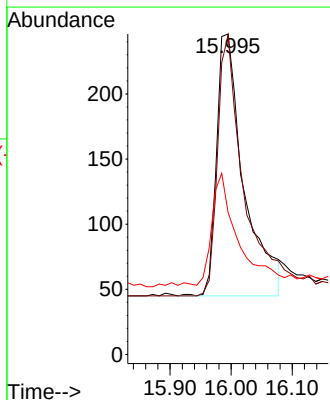
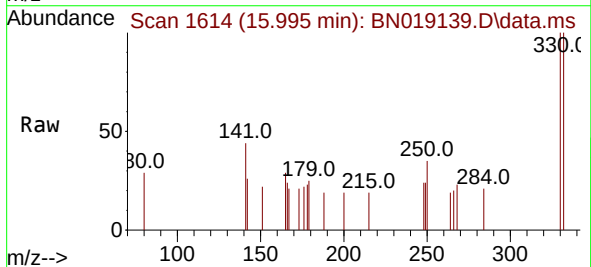
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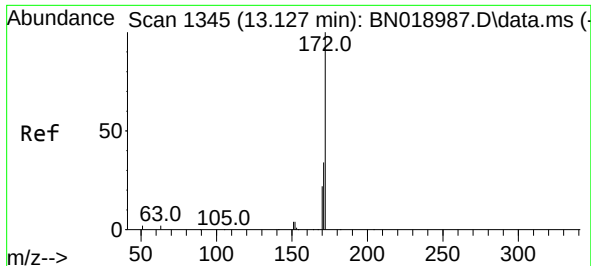
Tgt Ion:164 Resp: 6484
Ion Ratio Lower Upper
164 100
162 106.7 85.2 127.8
160 51.4 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.010 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

Tgt Ion:330 Resp: 623
Ion Ratio Lower Upper
330 100
332 94.1 76.8 115.2
141 38.8 32.2 48.2

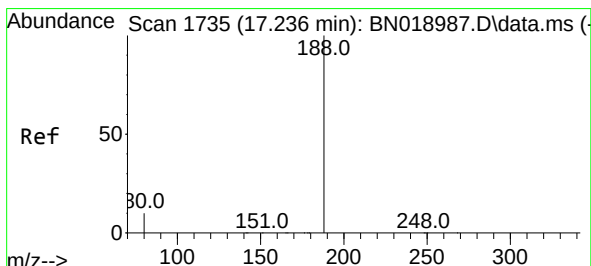
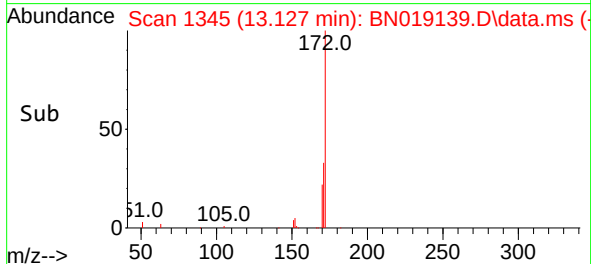
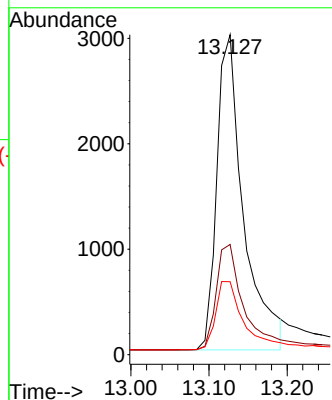
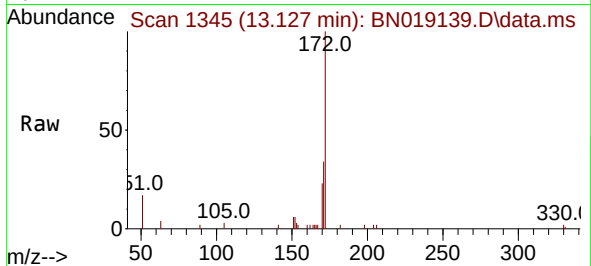




#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

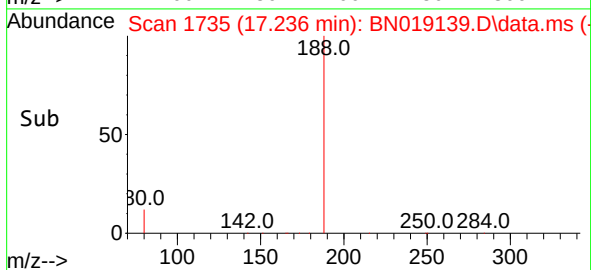
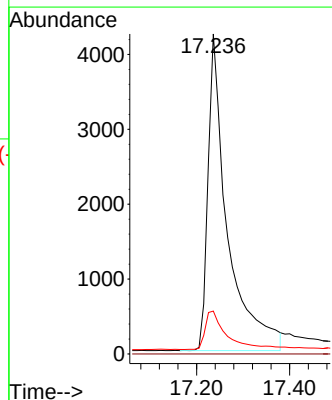
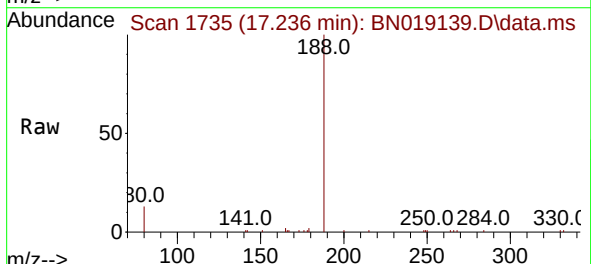
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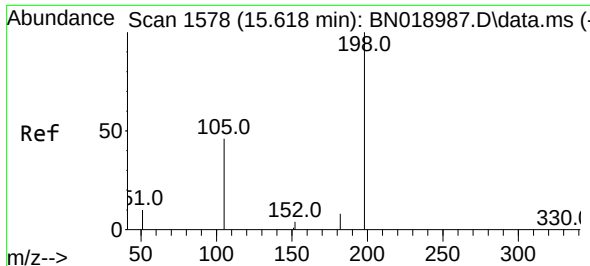
Tgt Ion:172 Resp: 7096
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 22.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

Tgt Ion:188 Resp: 12228
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 11.8 17.8

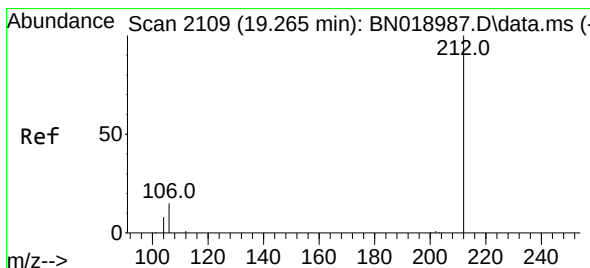
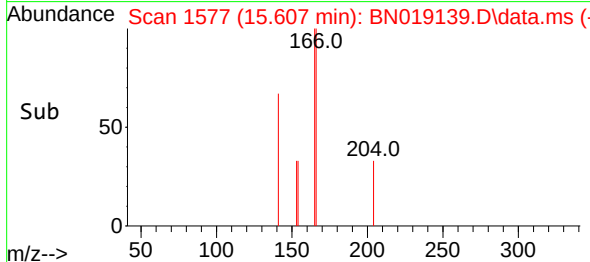
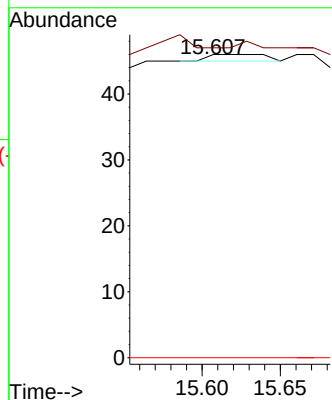
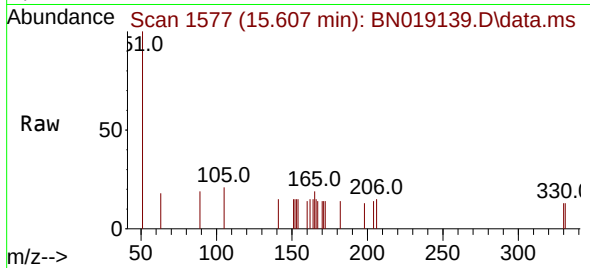




#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.607 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

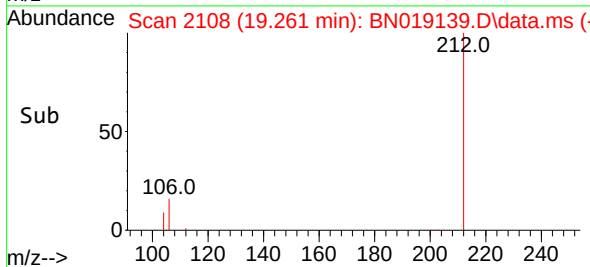
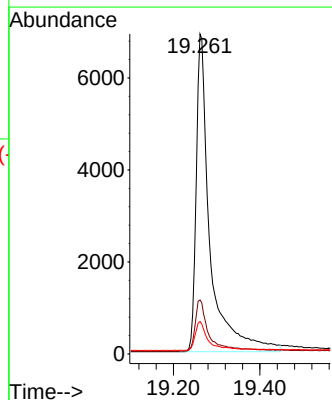
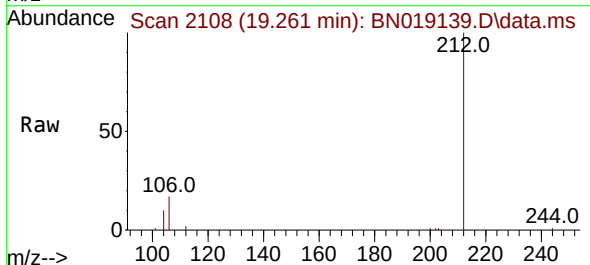
Instrument :
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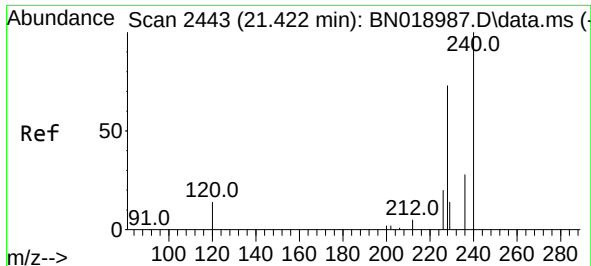
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 102.2 13.0 19.4#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019139.D
Acq: 24 Mar 2022 22:56

Tgt Ion:212 Resp: 15367
Ion Ratio Lower Upper
212 100
106 16.1 12.7 19.1
104 8.5 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: BN019139.D

Acq: 24 Mar 2022 22:56

Instrument :

BNA_N

ClientSampleId :

RE137-20220322

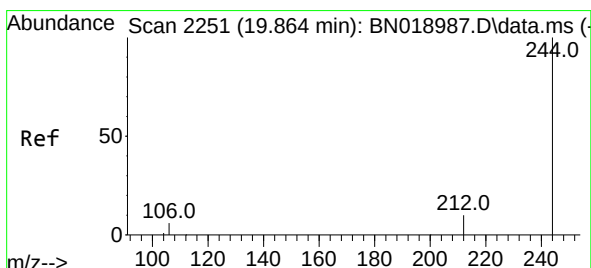
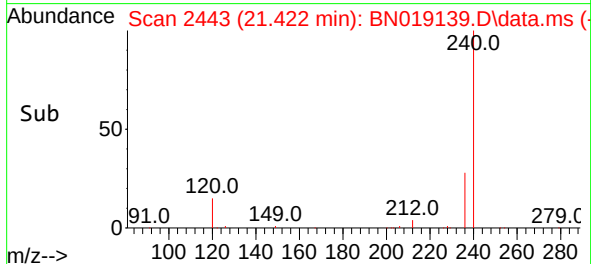
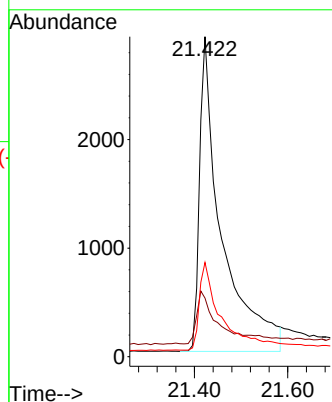
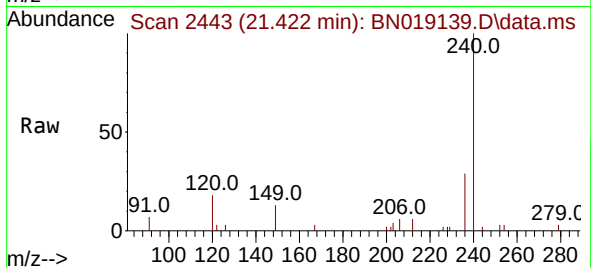
Tgt Ion:240 Resp: 9502

Ion Ratio Lower Upper

240 100

120 18.3 8.5 12.7#

236 29.5 22.4 33.6



#31

Terphenyl-d14

Concen: 0.400 ng

RT: 19.860 min Scan# 2250

Delta R.T. -0.004 min

Lab File: BN019139.D

Acq: 24 Mar 2022 22:56

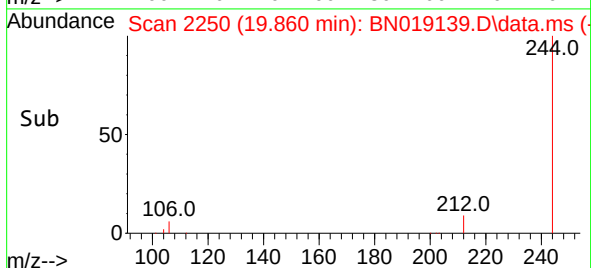
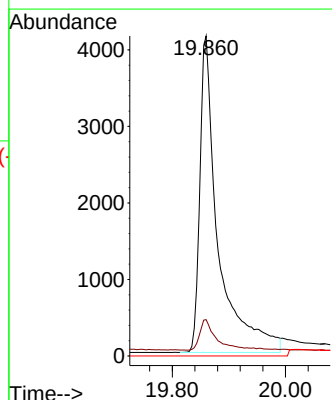
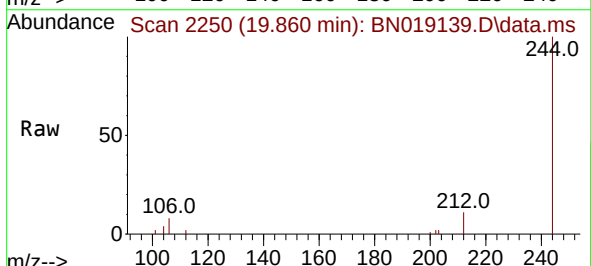
Tgt Ion:244 Resp: 9331

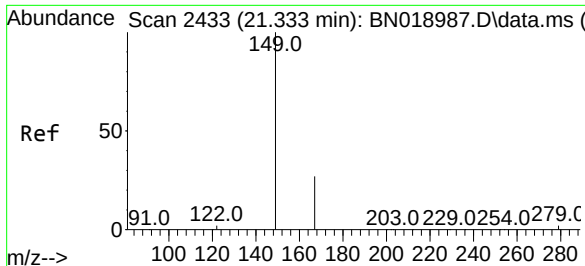
Ion Ratio Lower Upper

244 100

212 11.4 8.2 12.4

122 0.0 0.0 0.0

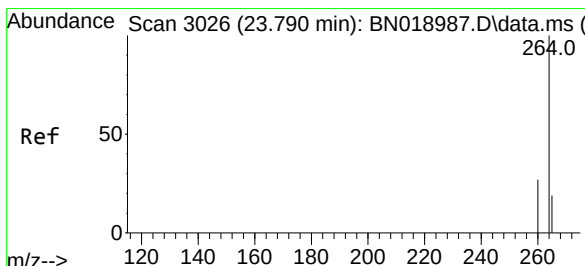
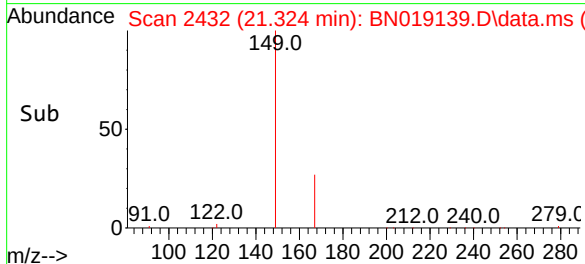
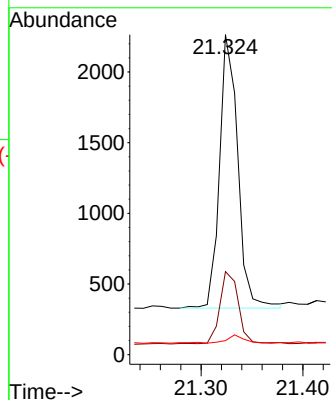
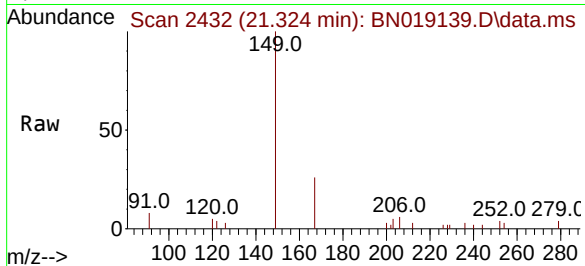




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019139.D
 Acq: 24 Mar 2022 22:56

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20220322

Tgt Ion:149 Resp: 2412
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 3.1 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN019139.D
 Acq: 24 Mar 2022 22:56

Tgt Ion:264 Resp: 6959
 Ion Ratio Lower Upper
 264 100
 260 28.8 22.4 33.6
 265 49.4 25.3 37.9#

