

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019104.D
 Acq On : 23 Mar 2022 22:35
 Operator : CG/JU
 Sample : N2074-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220319

Quant Time: Mar 24 05:32:45 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)

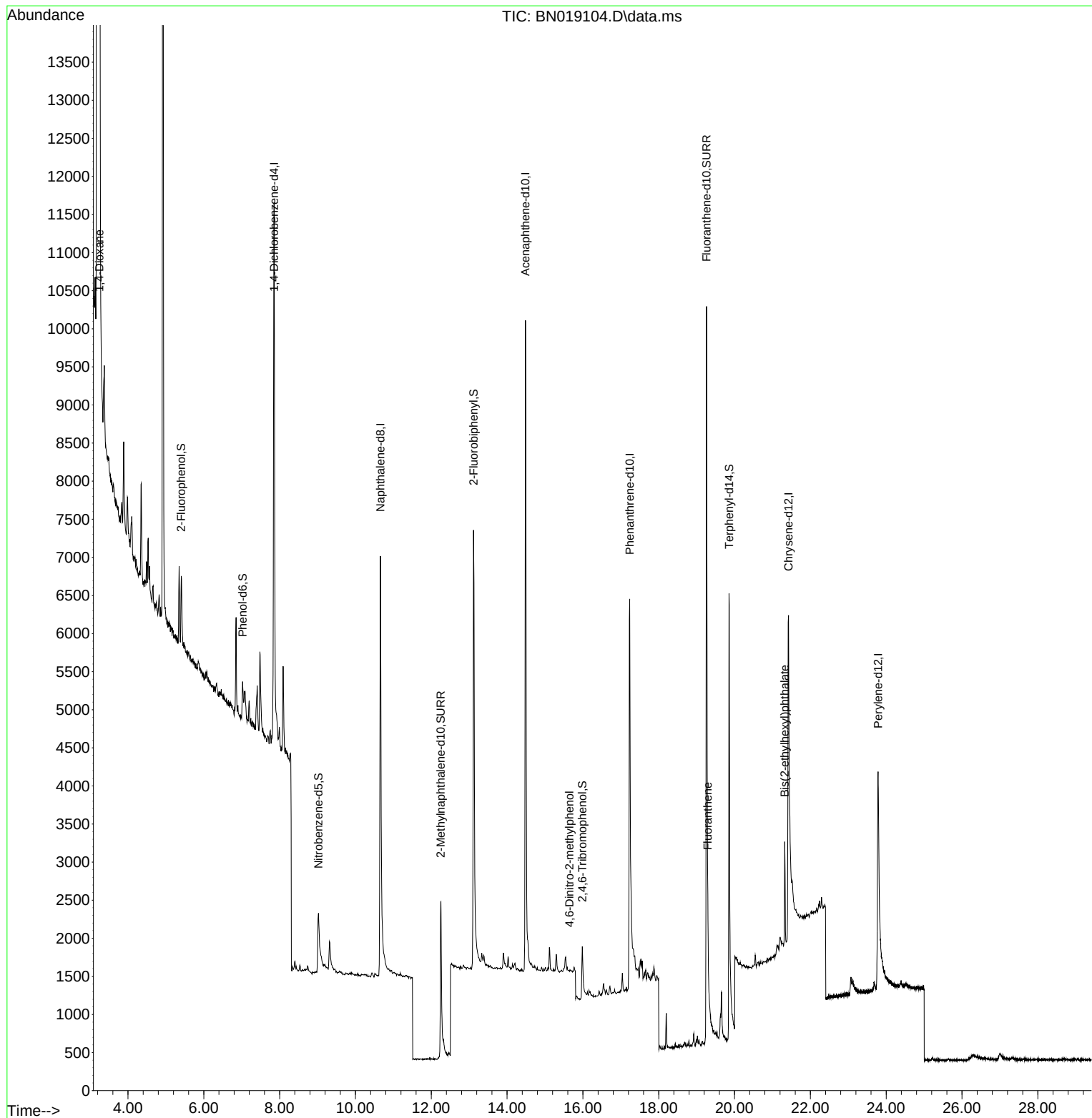
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4040	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10028	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6099	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11082	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9022	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7341	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	987	0.109	ng	0.00
5) Phenol-d6	7.024	99	452	0.048	ng	0.01
8) Nitrobenzene-d5	9.025	82	1521	0.210	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4598	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	628	0.213	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	6913	0.283	ng	-0.01
27) Fluoranthene-d10	19.261	212	15114	0.460	ng	0.00
31) Terphenyl-d14	19.855	244	9708	0.438	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	32439	6.497	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.650	198	8	0.113	ng	# 1
28) Fluoranthene	19.295	202	838	0.021	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.324	149	1325	0.072	ng	# 97

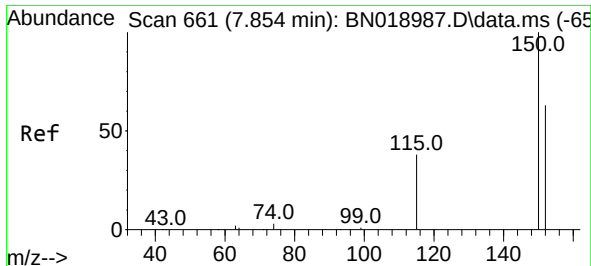
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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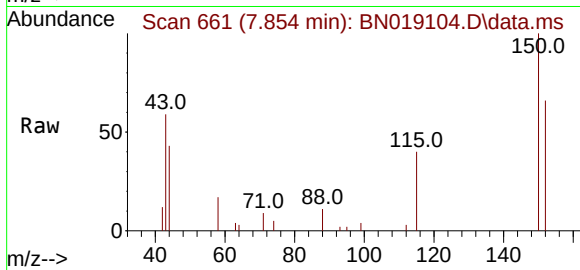
Quant Time: Mar 24 05:32:45 2022
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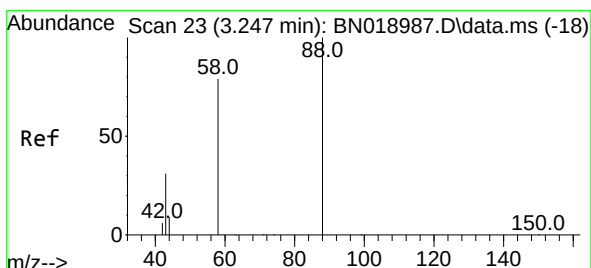
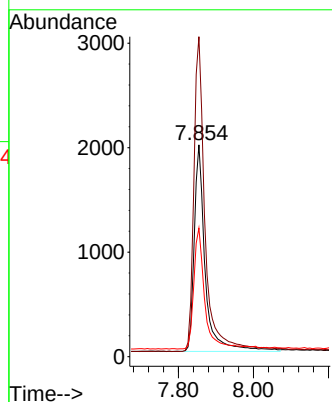
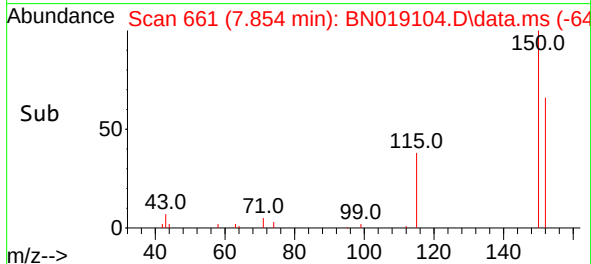


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019104.D
 Acq: 23 Mar 2022 22:35

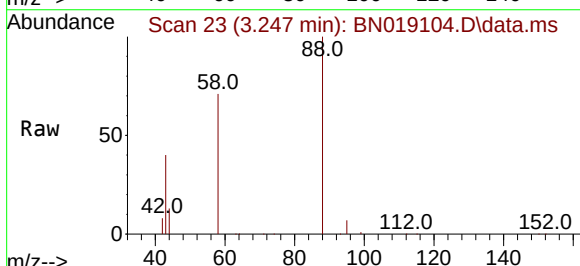
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220319



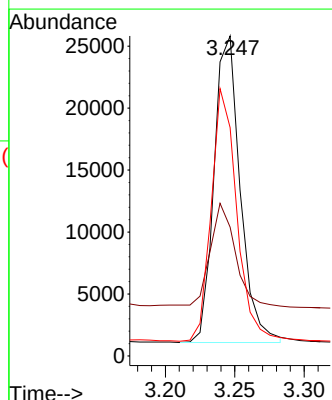
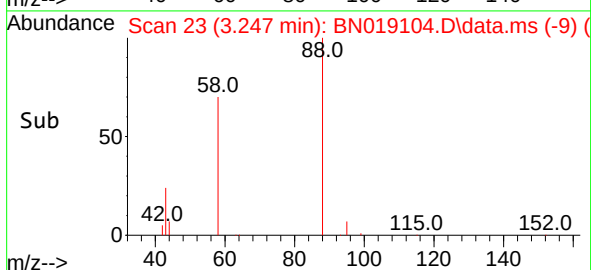
Tgt Ion:152 Resp: 4040
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.9 185.9
 115 60.7 48.2 72.4

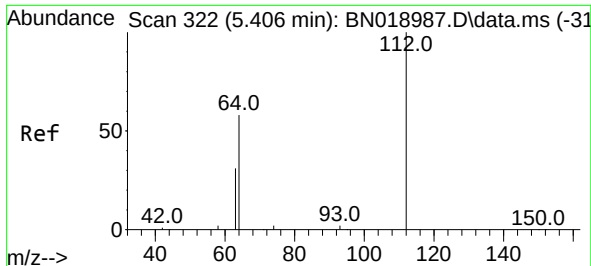


#2
 1,4-Dioxane
 Concen: 6.497 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019104.D
 Acq: 23 Mar 2022 22:35



Tgt Ion: 88 Resp: 32439
 Ion Ratio Lower Upper
 88 100
 43 31.7 24.6 37.0
 58 80.0 65.4 98.2

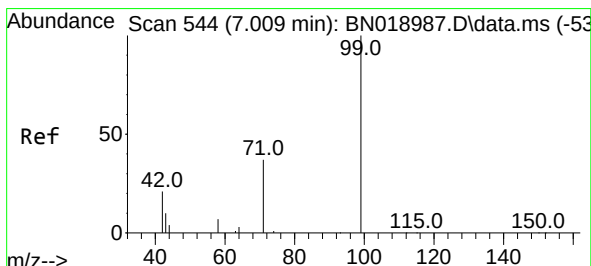
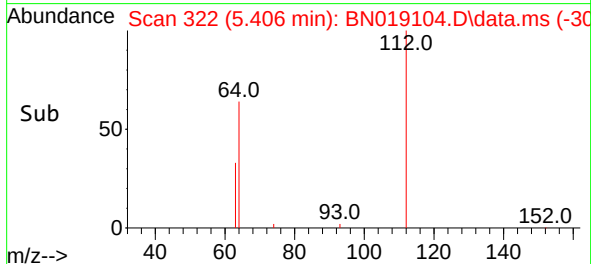
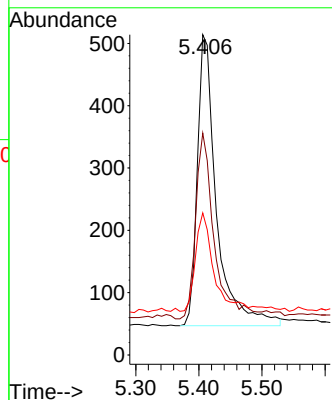
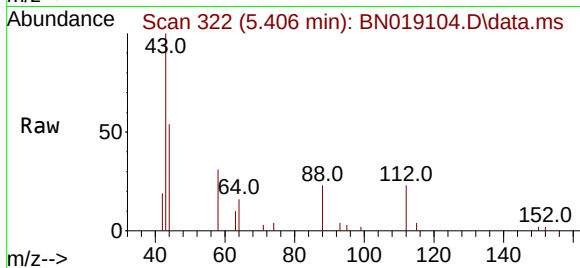




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.406 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

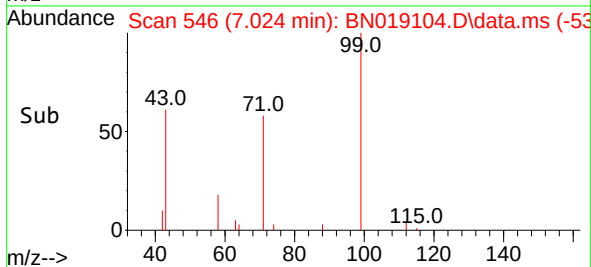
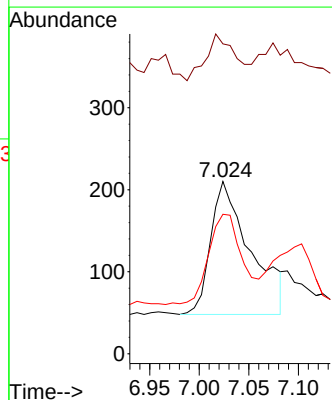
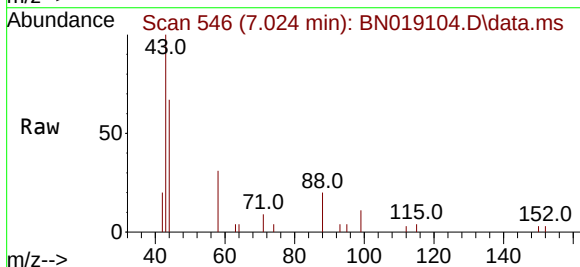
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220319

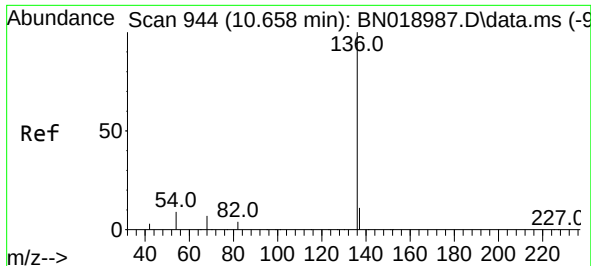
Tgt Ion:	112	Resp:	987
Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.8	71.8
63	33.8	25.7	38.5



#5
Phenol-d6
Concen: 0.048 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.014 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

Tgt Ion:	99	Resp:	452
Ion	Ratio	Lower	Upper
99	100		
42	24.6	16.2	24.4#
71	58.0	27.7	41.5#

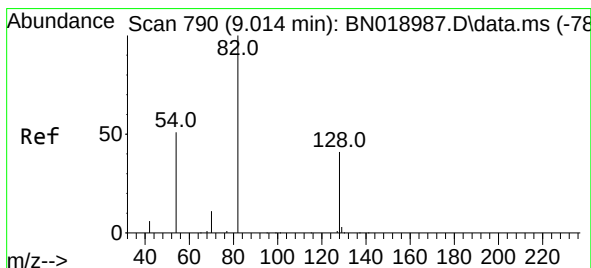
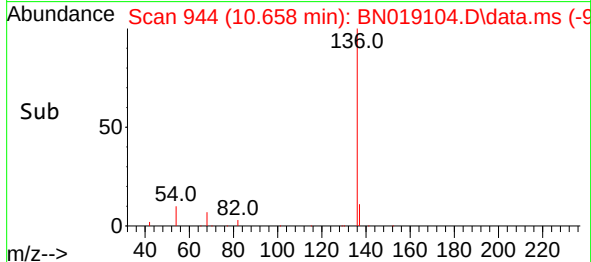
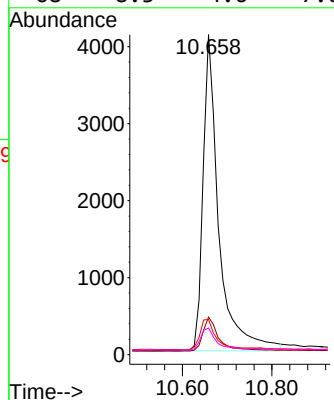
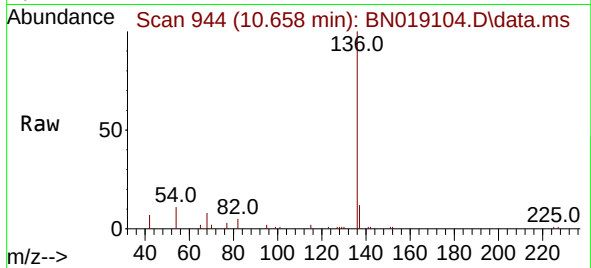




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

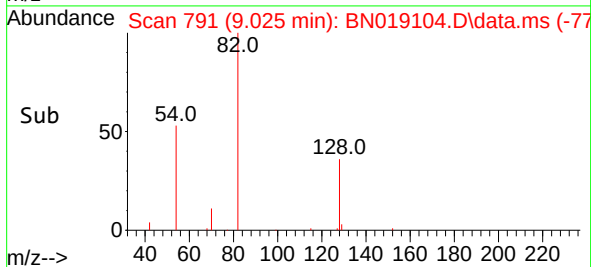
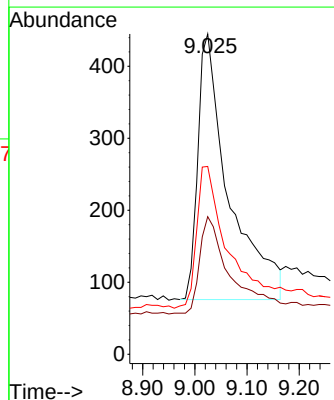
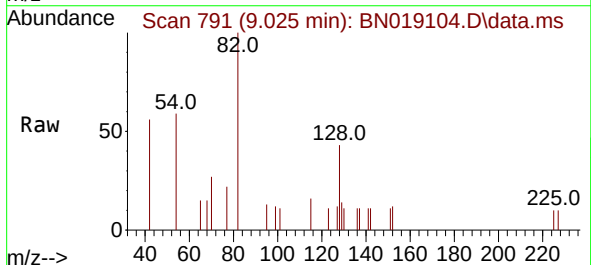
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220319

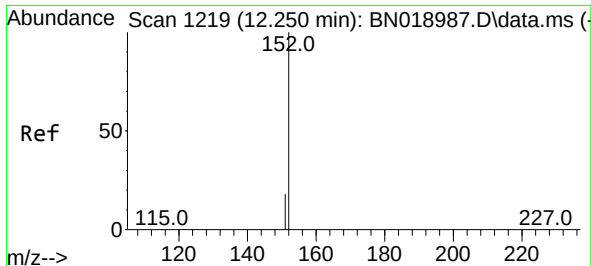
Tgt Ion:	136	Resp:	10028
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	11.0	5.8	8.6#
68	8.3	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.210 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

Tgt Ion:	82	Resp:	1521
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.0	49.6
54	58.7	42.5	63.7

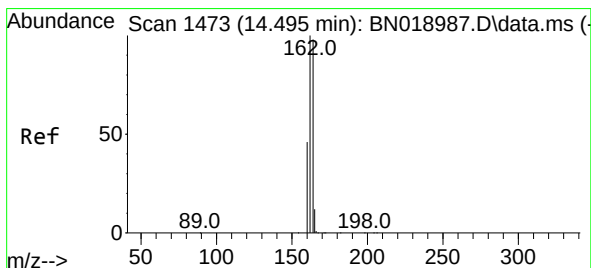
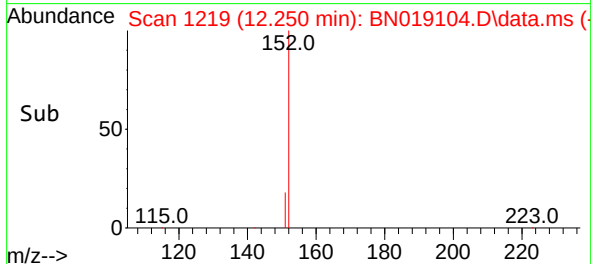
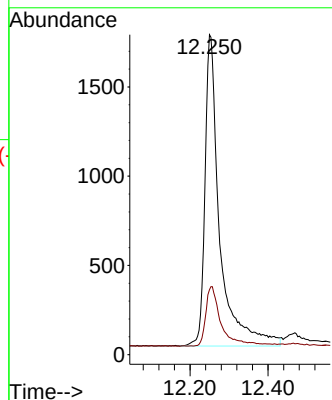
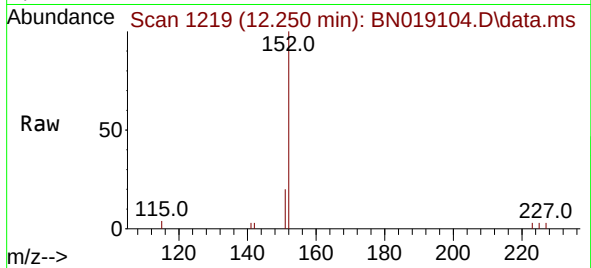




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

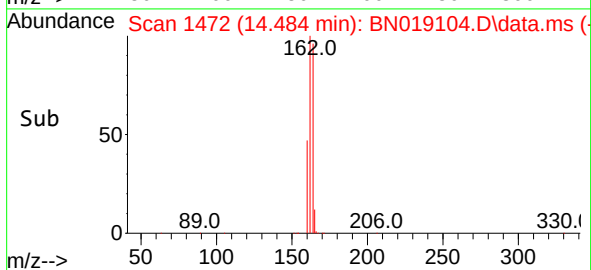
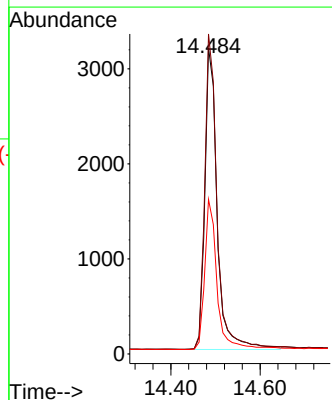
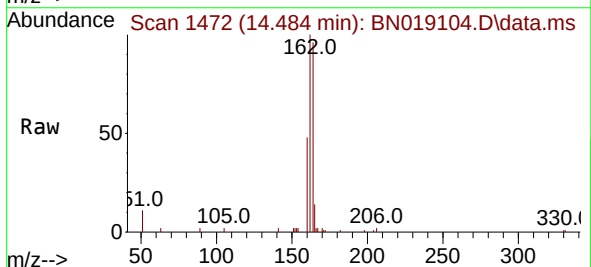
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220319

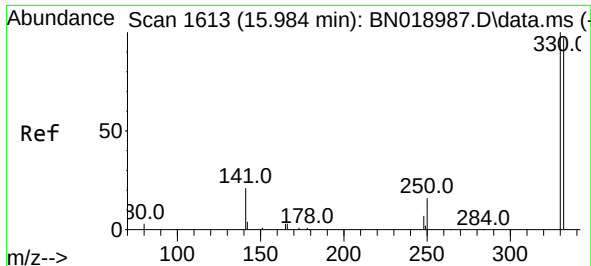
Tgt Ion:152 Resp: 4598
Ion Ratio Lower Upper
152 100
151 18.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

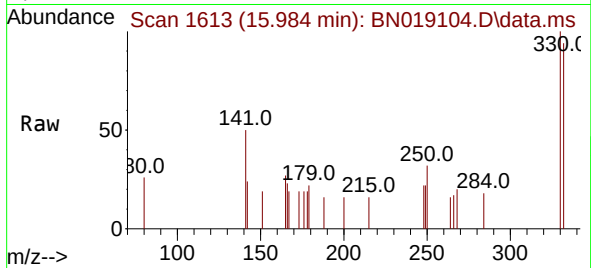
Tgt Ion:164 Resp: 6099
Ion Ratio Lower Upper
164 100
162 104.6 85.2 127.8
160 50.5 41.5 62.3



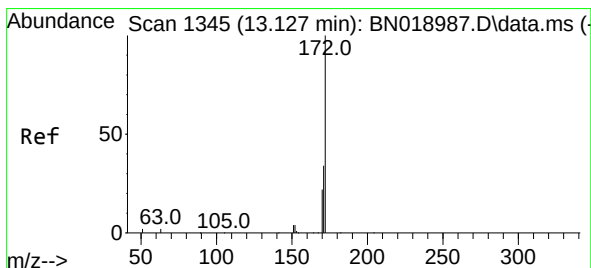
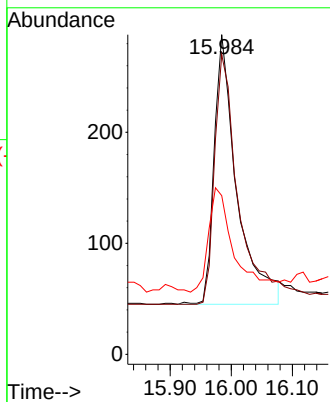
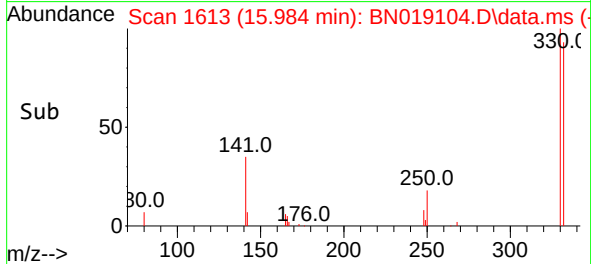


#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 15.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

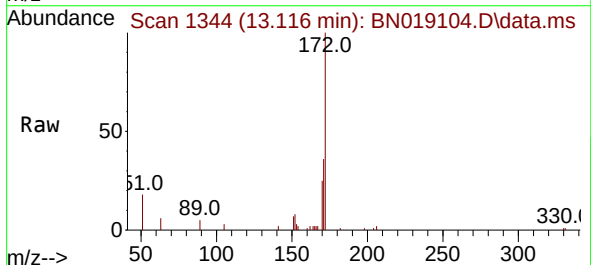
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220319



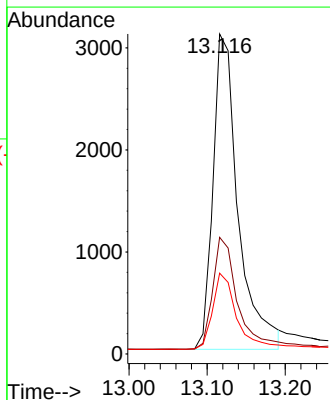
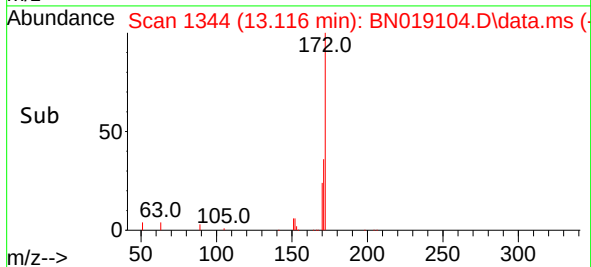
Tgt Ion:330 Resp: 628
Ion Ratio Lower Upper
330 100
332 94.9 76.8 115.2
141 43.5 32.2 48.2

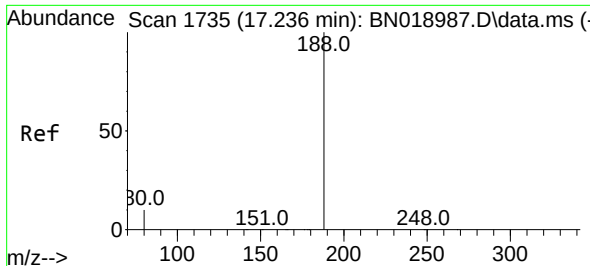


#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35



Tgt Ion:172 Resp: 6913
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.2
170 25.3 18.7 28.1

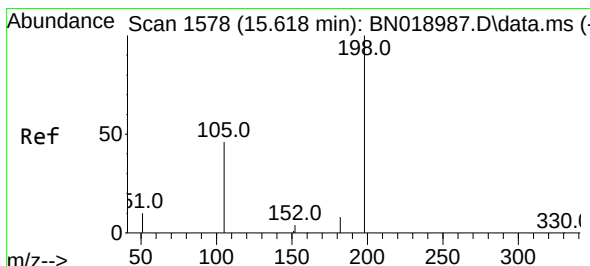
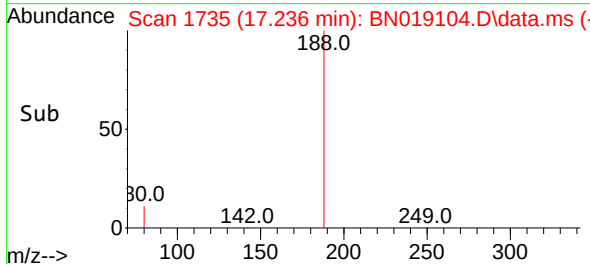
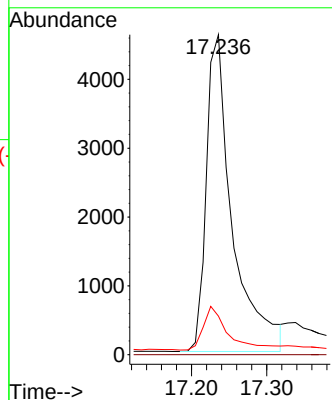
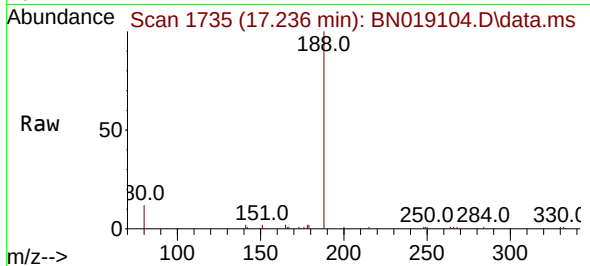




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

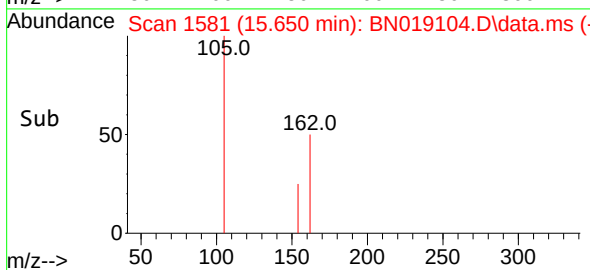
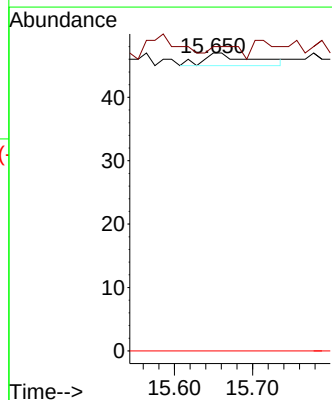
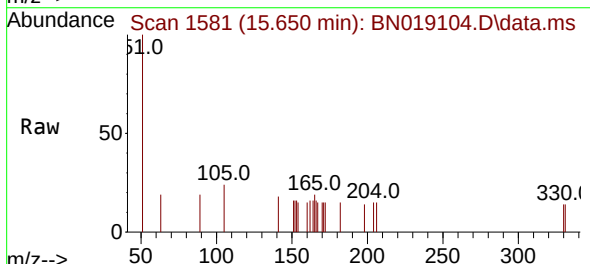
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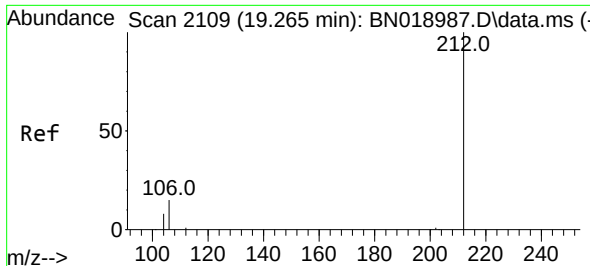
Tgt Ion:188 Resp: 11082
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.113 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.032 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 102.1 13.0 19.4#
77 0.0 0.0 0.0

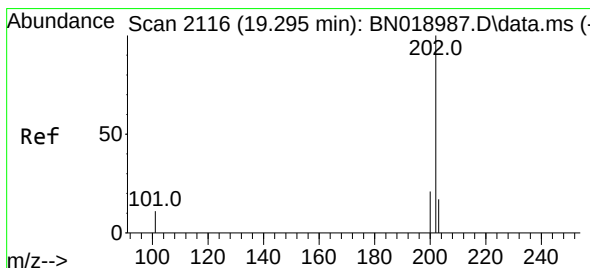
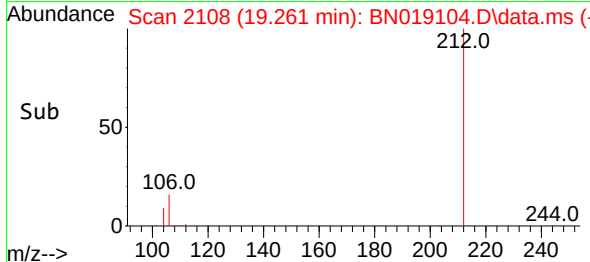
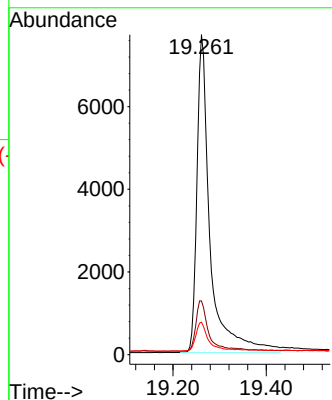
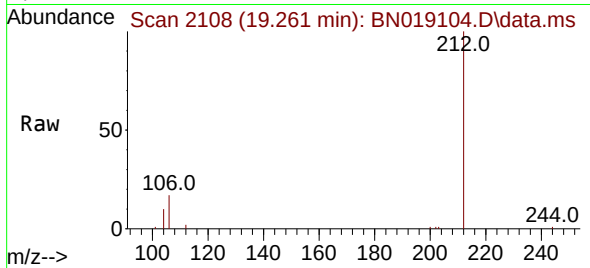




#27
Fluoranthene-d10
Concen: 0.460 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

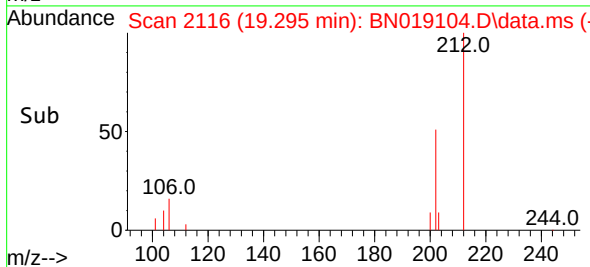
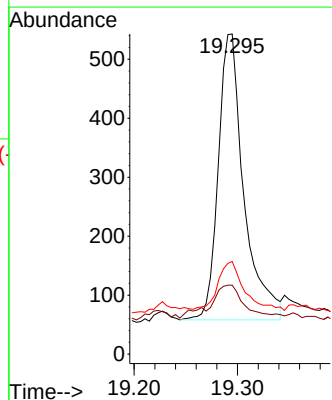
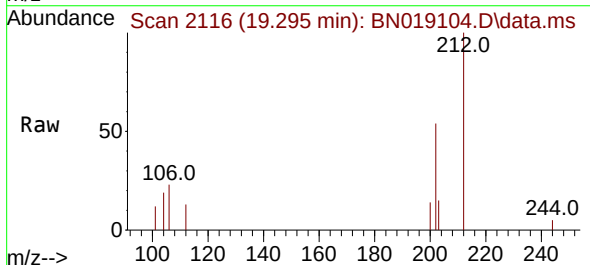
Instrument :
BNA_N
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RE131D1-20220319

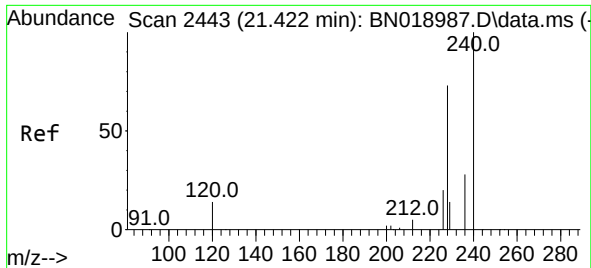
Tgt Ion:212 Resp: 15114
Ion Ratio Lower Upper
212 100
106 15.9 12.7 19.1
104 8.4 7.1 10.7



#28
Fluoranthene
Concen: 0.021 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN019104.D
Acq: 23 Mar 2022 22:35

Tgt Ion:202 Resp: 838
Ion Ratio Lower Upper
202 100
101 15.4 9.8 14.6#
203 18.5 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.422 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BN019104.D

Acq: 23 Mar 2022 22:35

Instrument :

BNA_N

ClientSampleId :

RE131D1-20220319

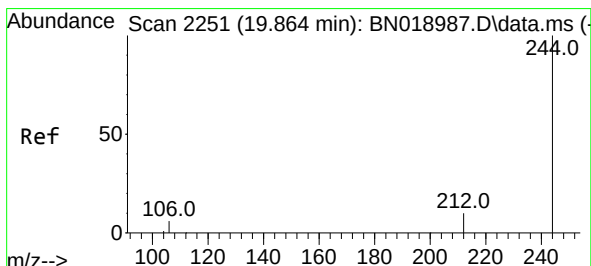
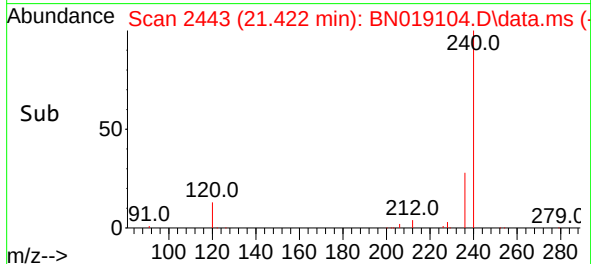
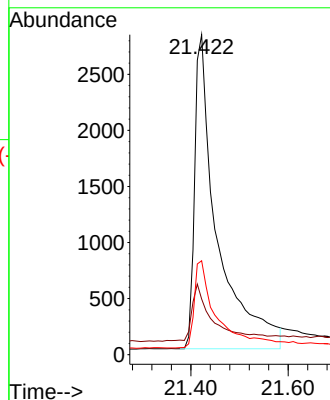
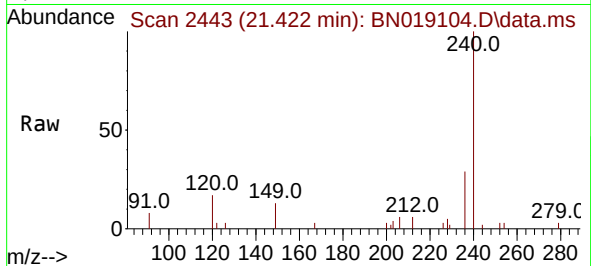
Tgt Ion:240 Resp: 9022

Ion Ratio Lower Upper

240 100

120 17.4 8.5 12.7#

236 29.4 22.4 33.6



#31

Terphenyl-d14

Concen: 0.438 ng

RT: 19.855 min Scan# 2249

Delta R.T. -0.008 min

Lab File: BN019104.D

Acq: 23 Mar 2022 22:35

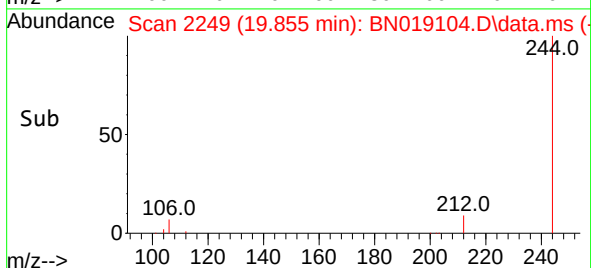
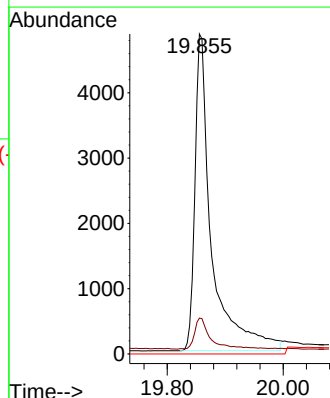
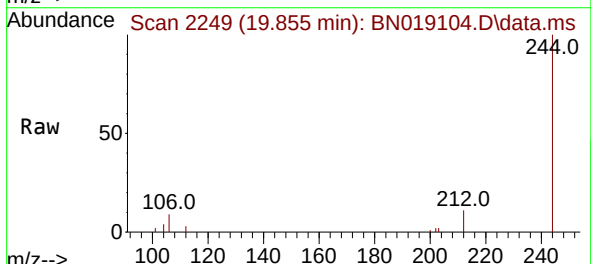
Tgt Ion:244 Resp: 9708

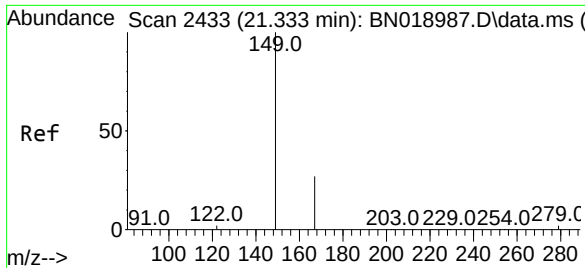
Ion Ratio Lower Upper

244 100

212 11.2 8.2 12.4

122 0.0 0.0 0.0

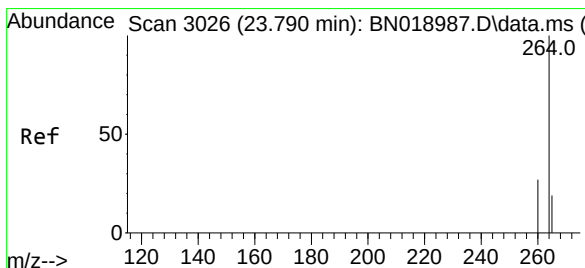
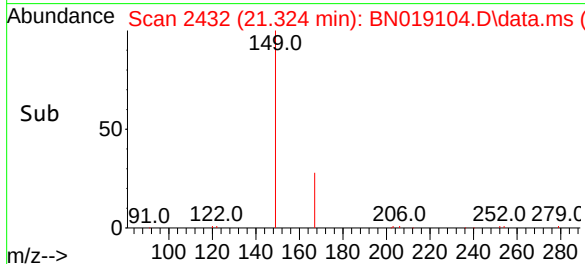
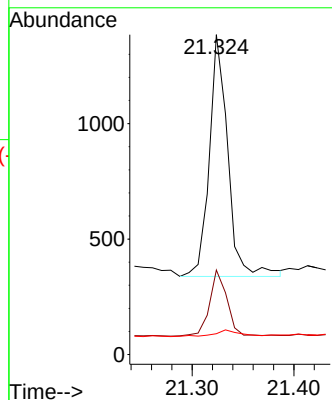
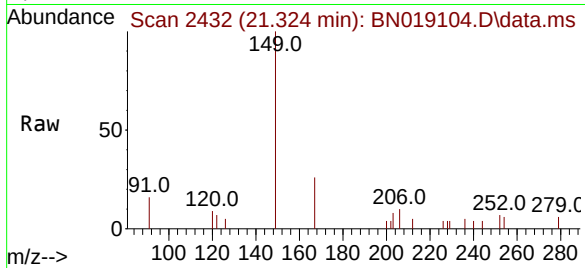




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019104.D
 Acq: 23 Mar 2022 22:35

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220319

Tgt Ion:149 Resp: 1325
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.8
 279 3.8 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 3024
 Delta R.T. -0.006 min
 Lab File: BN019104.D
 Acq: 23 Mar 2022 22:35

Tgt Ion:264 Resp: 7341
 Ion Ratio Lower Upper
 264 100
 260 29.3 22.4 33.6
 265 50.0 25.3 37.9#

