

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015231.D
 Acq On : 30 Jun 2021 20:26
 Operator : CG/JU
 Sample : M2783-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210618

Quant Time: Jul 01 02:06:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:55:37 2021
 Response via : Initial Calibration

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

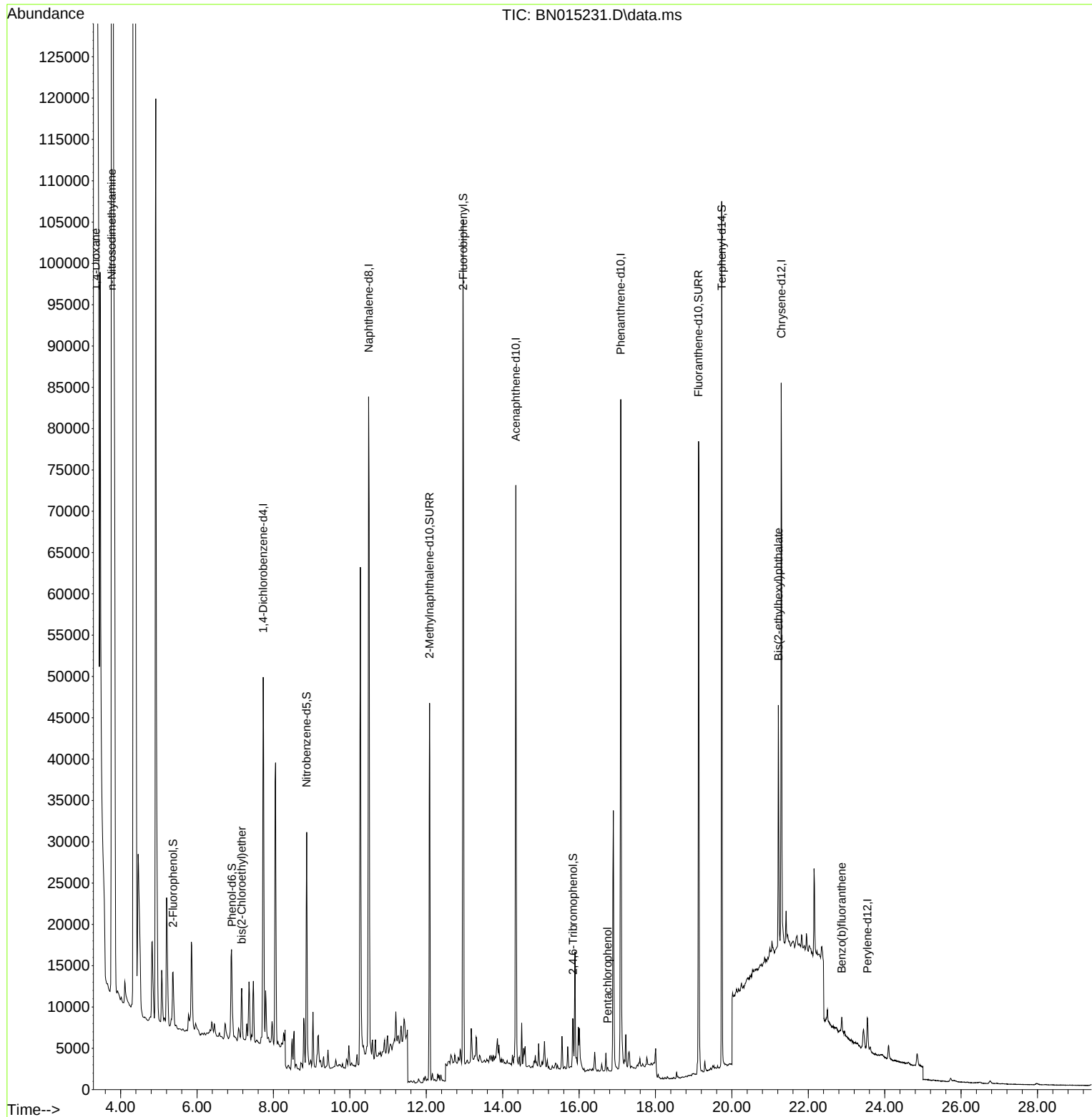
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	24261	0.40	ng	# 0.00
7) Naphthalene-d8	10.492	136	112106	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	37802	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	110228	0.40	ng	0.00
29) Chrysene-d12	21.292	240	65936	0.40	ng	#-0.01
35) Perylene-d12	23.547	264	5512	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	8416	0.14	ng	0.00
5) Phenol-d6	6.911	99	4552	0.06	ng	0.00
8) Nitrobenzene-d5	8.870	82	23296	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	58289	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	5967	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	88669	0.58	ng	0.00
27) Fluoranthene-d10	19.128	212	87925	0.27	ng	0.00
31) Terphenyl-d14	19.734	244	102667	0.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.352	88	193101	16.98	ng	# 75
3) n-Nitrosodimethylamine	3.767	42	10533	0.49	ng	# 1
6) bis(2-Chloroethyl)ether	7.169	93	3925	0.05	ng	# 75
24) Pentachlorophenol	16.751	266	261	0.02	ng	92
34) Bis(2-ethylhexyl)phtha...	21.218	149	28067	0.38	ng	# 88
37) Benzo(b)fluoranthene	22.873	252	697	0.03	ng	# 1

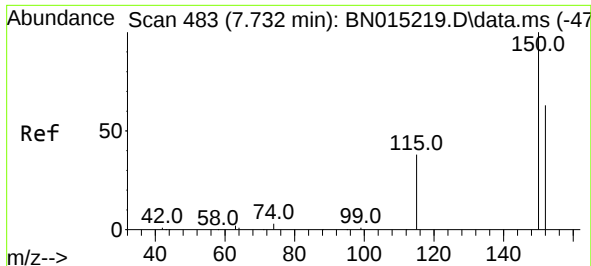
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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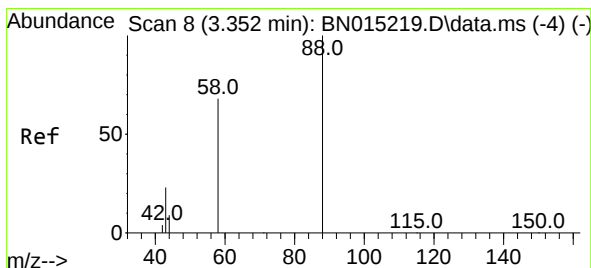
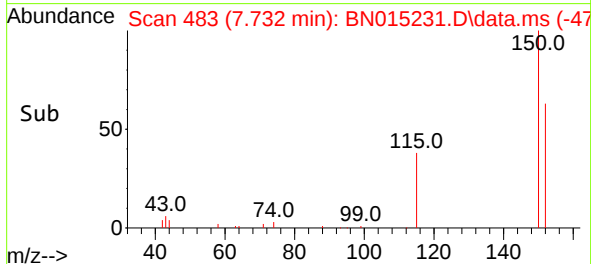
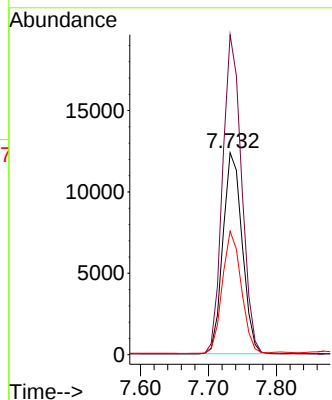
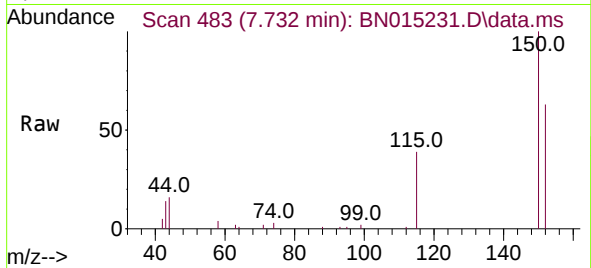




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015231.D
 Acq: 30 Jun 2021 20:26

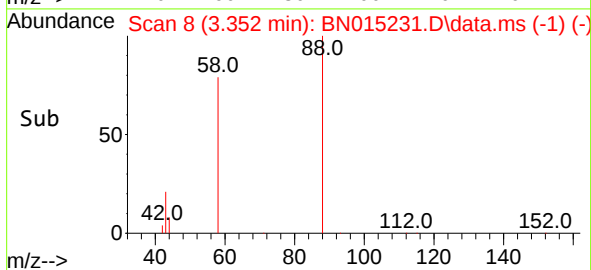
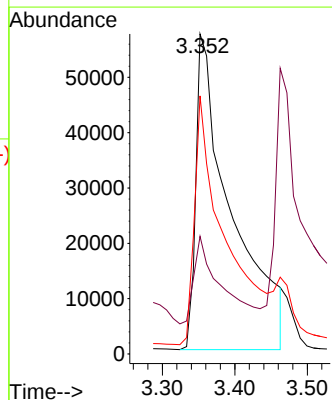
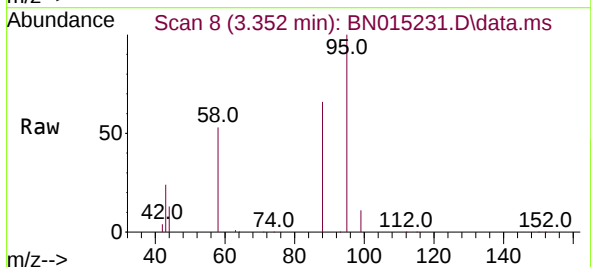
Instrument :
 BNA_N
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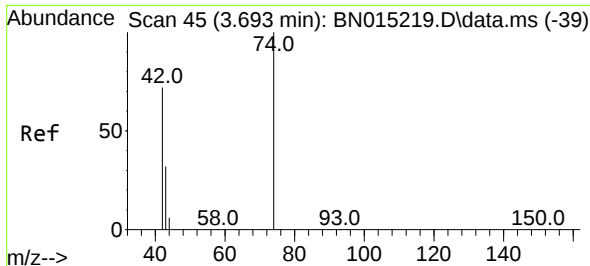
Tgt Ion:152 Resp: 24261
 Ion Ratio Lower Upper
 152 100
 150 158.4 119.0 178.6
 115 61.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 16.98 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015231.D
 Acq: 30 Jun 2021 20:26

Tgt Ion: 88 Resp: 193101
 Ion Ratio Lower Upper
 88 100
 43 21.5 12.9 19.3#
 58 67.2 38.1 57.1#

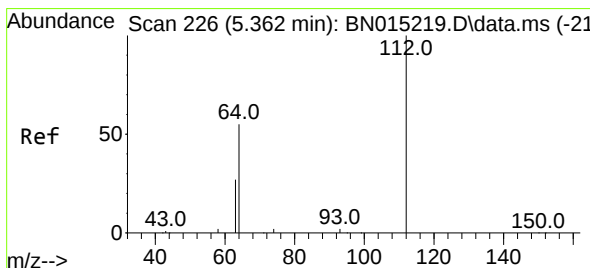
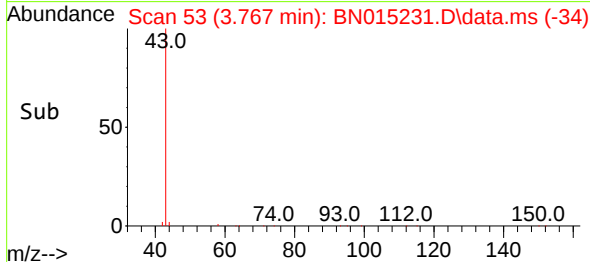
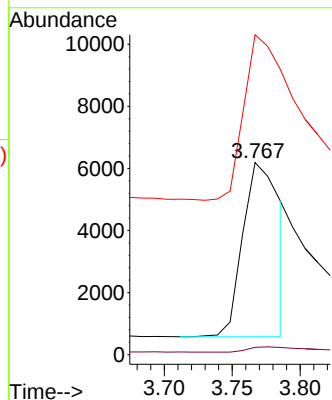
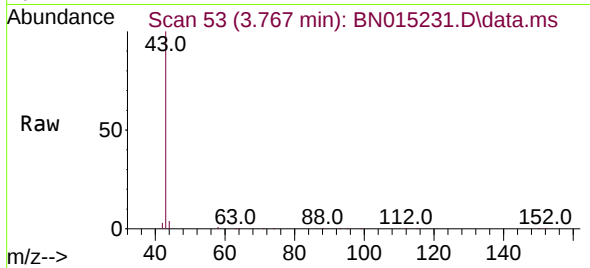




#3
n-Nitrosodimethylamine
Concen: 0.49 ng
RT: 3.767 min Scan# 53
Delta R.T. 0.074 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

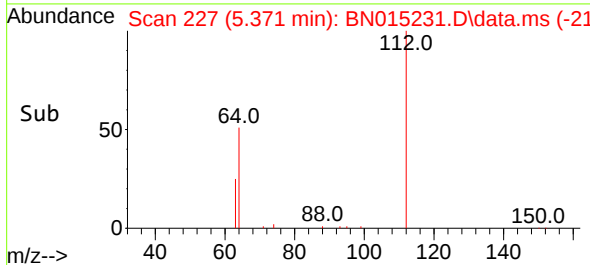
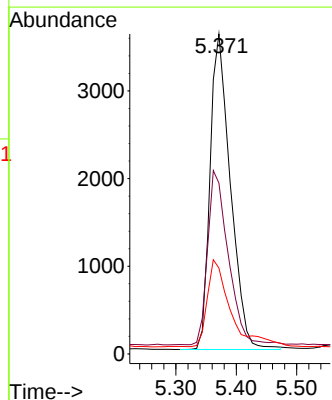
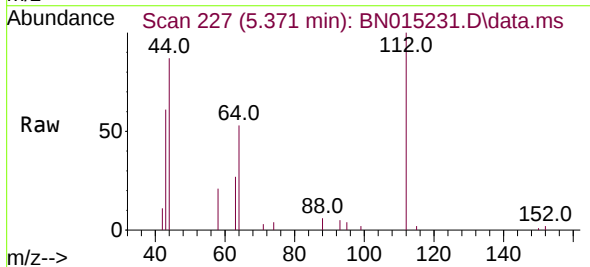
Instrument :
BNA_N
ClientSampleId :
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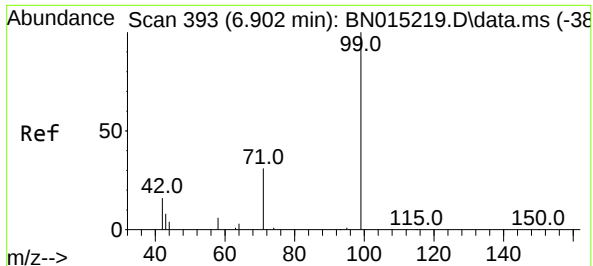
Tgt Ion: 42 Resp: 10533
Ion Ratio Lower Upper
42 100
74 2.8 149.5 224.3#
44 92.6 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.009 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion: 112 Resp: 8416
Ion Ratio Lower Upper
112 100
64 56.3 39.0 58.6
63 31.0 20.6 30.8#

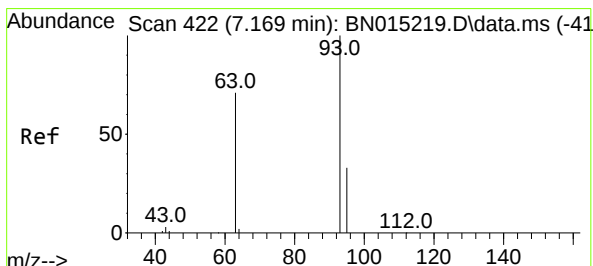
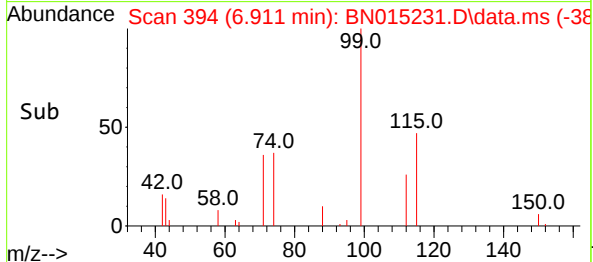
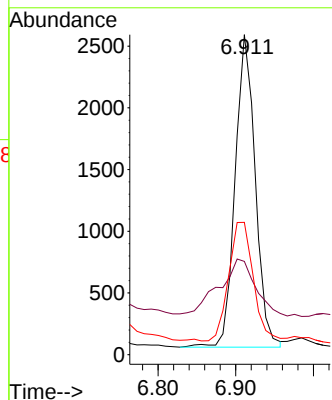
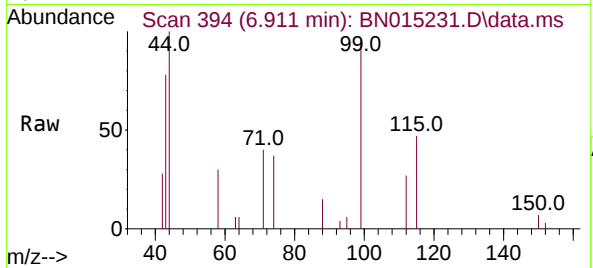




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

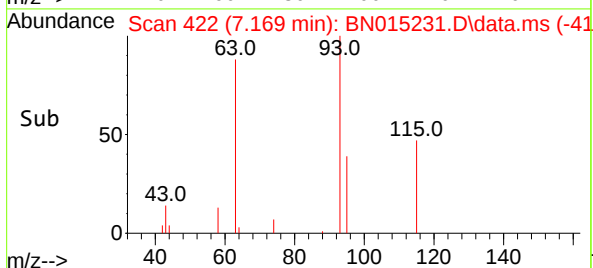
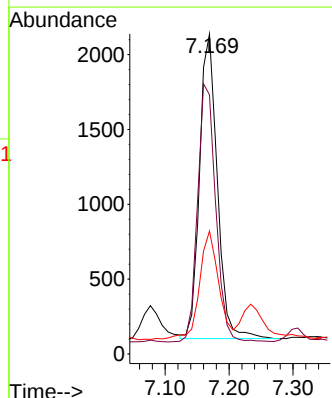
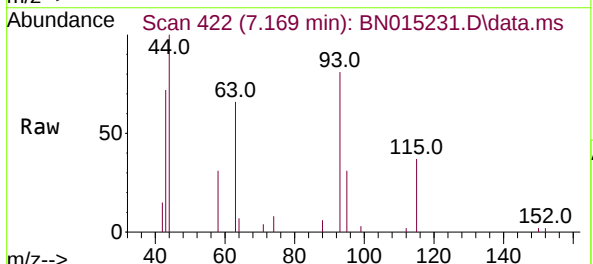
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618

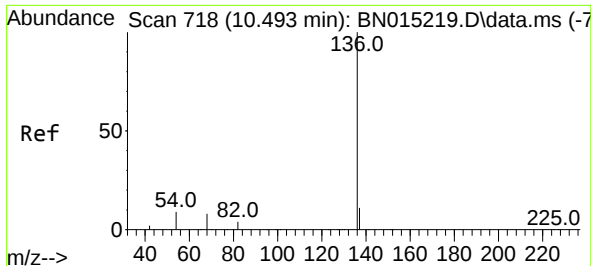
Tgt Ion: 99 Resp: 4552
Ion Ratio Lower Upper
99 100
42 33.3 8.9 13.3#
71 46.2 35.6 53.4



#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.169 min Scan# 422
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion: 93 Resp: 3925
Ion Ratio Lower Upper
93 100
63 86.9 46.6 70.0#
95 37.8 28.6 42.8

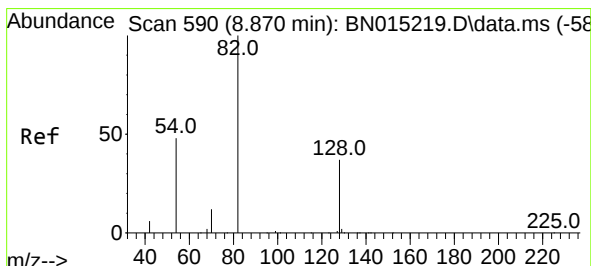
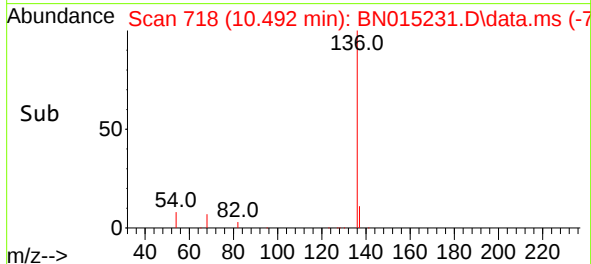
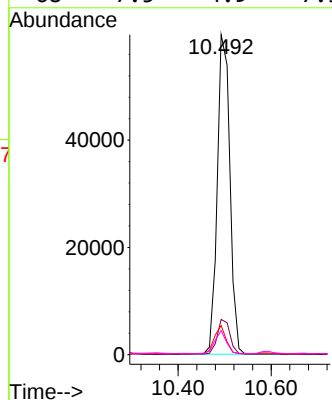
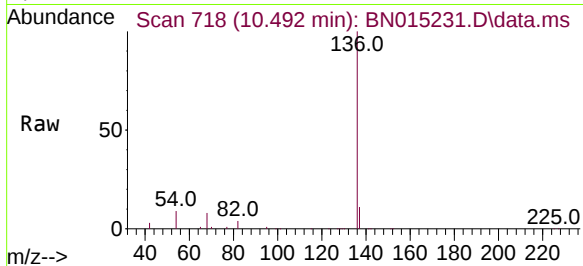




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

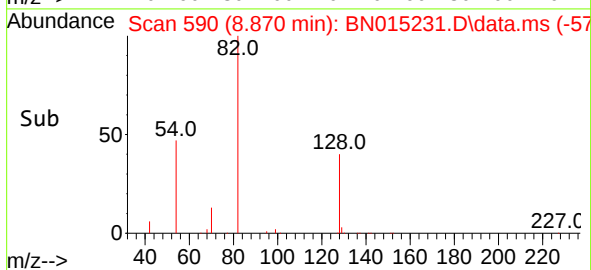
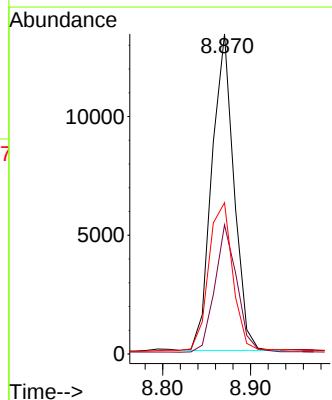
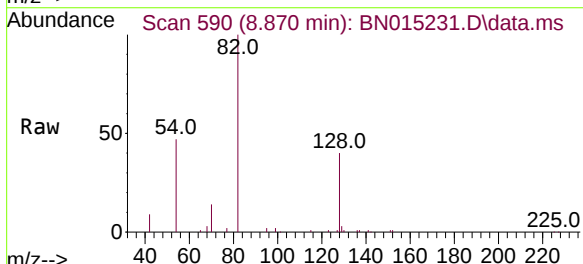
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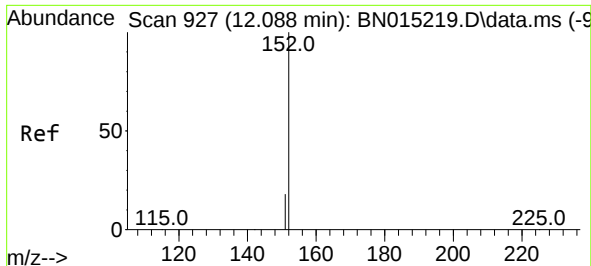
Tgt Ion:136	Resp:	112106
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.8
54	9.1	5.4 8.2#
68	7.5	4.9 7.3#



#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion: 82	Resp:	23296
Ion Ratio	Lower	Upper
82	100	
128	40.3	31.6 47.4
54	47.2	29.0 43.4#

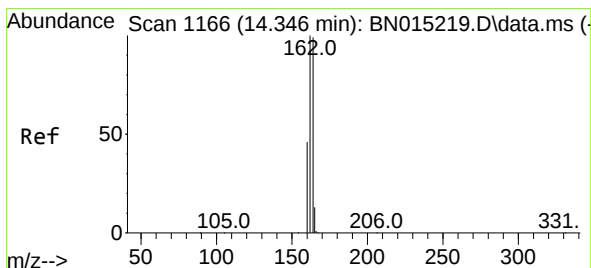
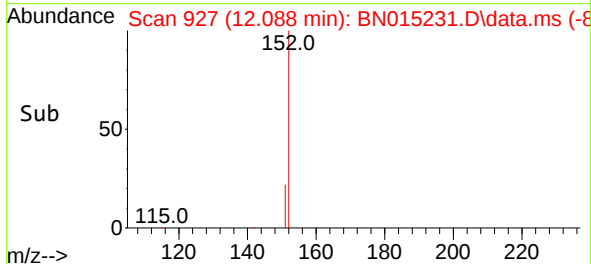
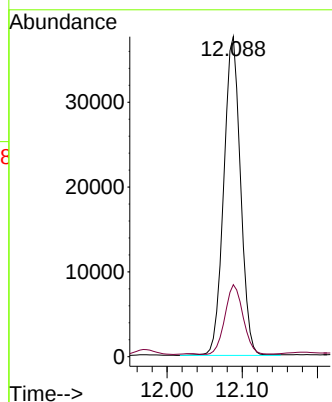
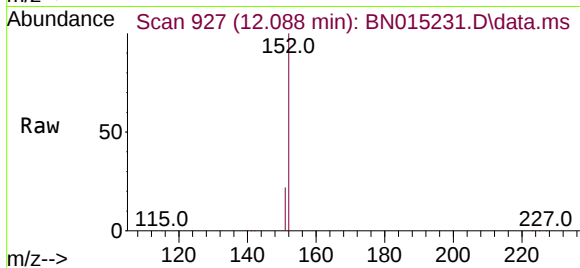




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

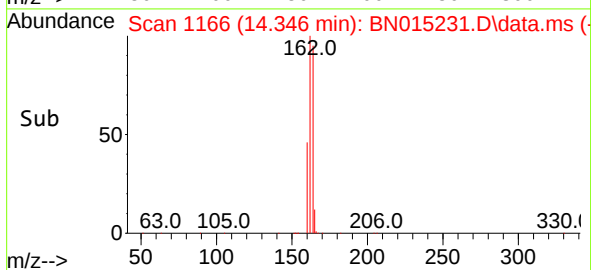
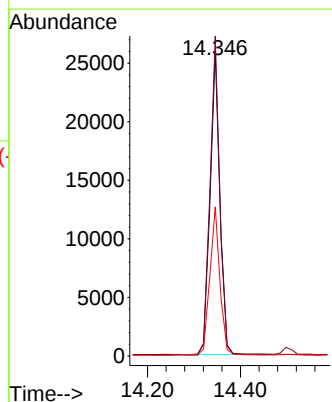
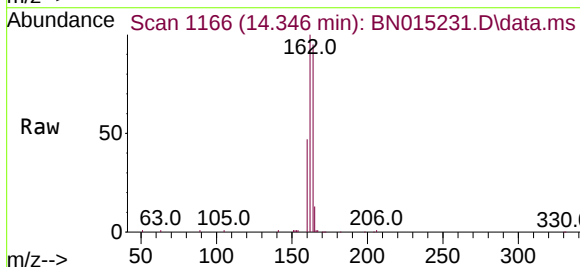
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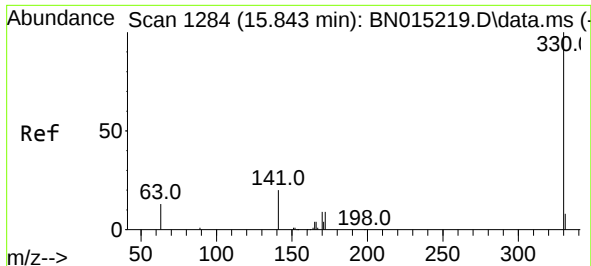
Tgt Ion:152 Resp: 58289
Ion Ratio Lower Upper
152 100
151 23.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion:164 Resp: 37802
Ion Ratio Lower Upper
164 100
162 104.9 83.8 125.6
160 48.9 37.4 56.0

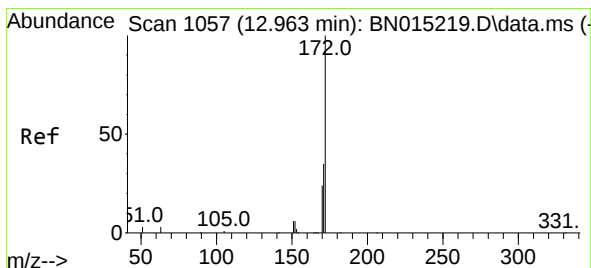
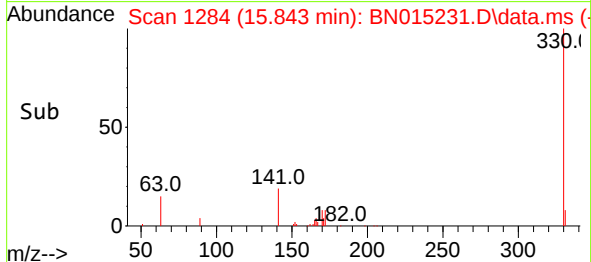
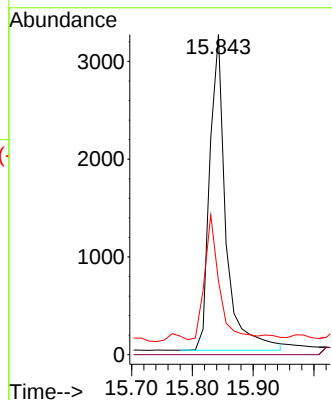
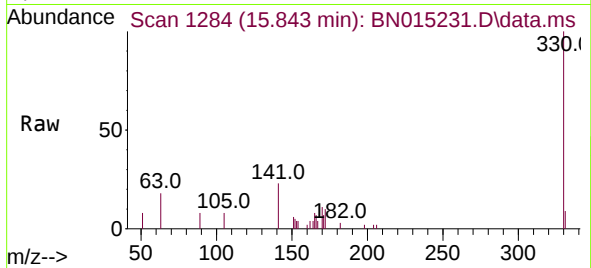




#14
2,4,6-Tribromophenol
Concen: 0.59 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

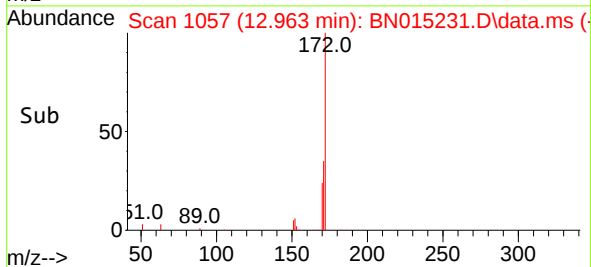
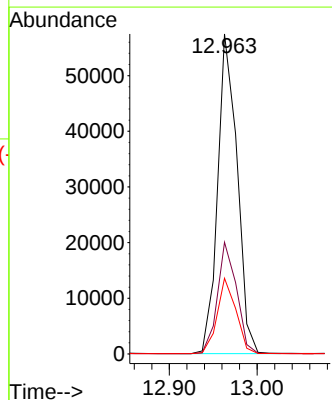
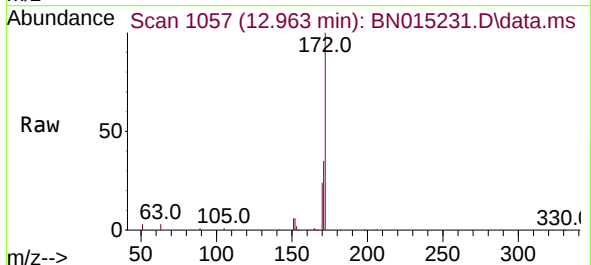
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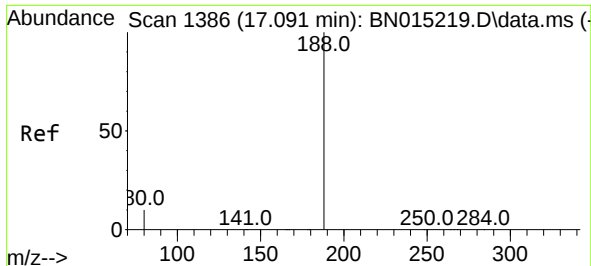
Tgt Ion: 330 Resp: 5967
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.2 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.58 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion: 172 Resp: 88669
Ion Ratio Lower Upper
172 100
171 34.9 30.6 45.8
170 23.7 20.2 30.4

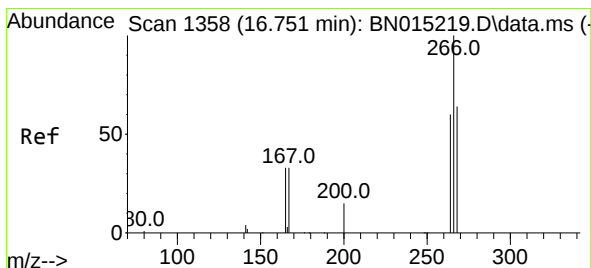
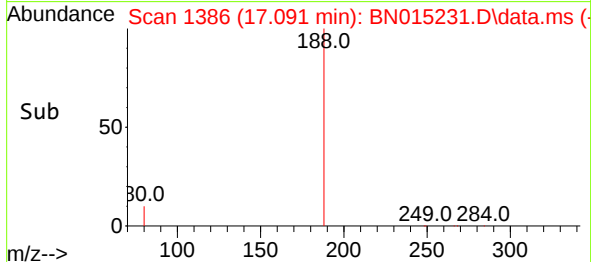
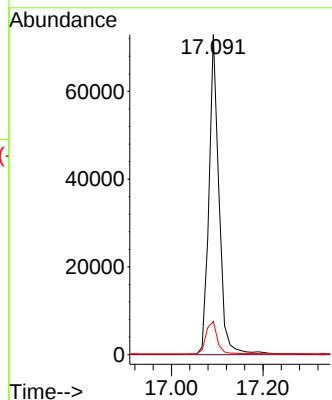
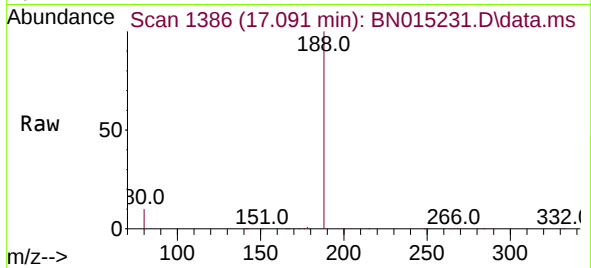




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

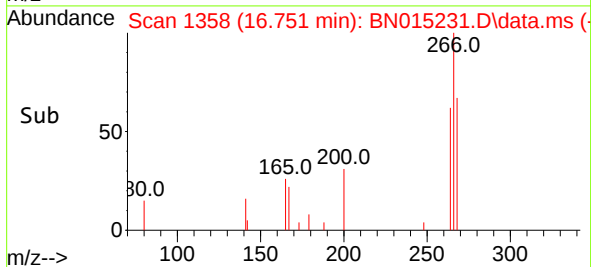
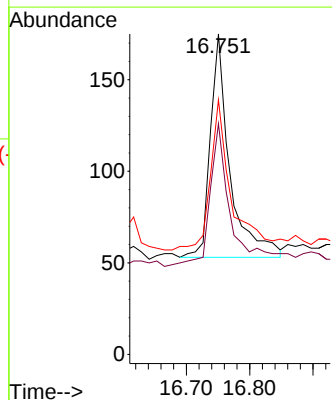
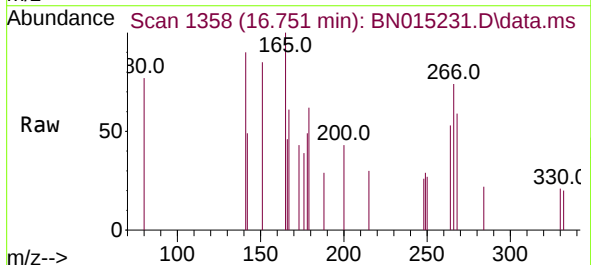
Instrument :
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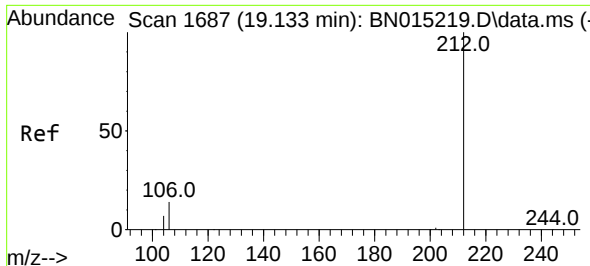
Tgt Ion:188 Resp: 110228
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.0 13.4



#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion:266 Resp: 261
Ion Ratio Lower Upper
266 100
264 67.8 51.0 76.4
268 70.9 50.6 76.0

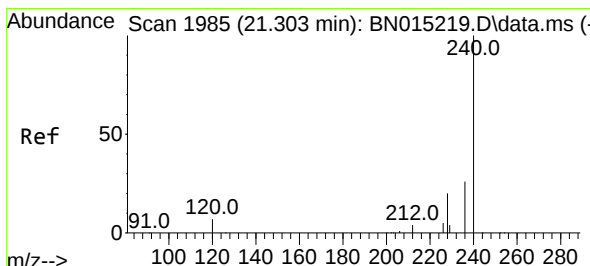
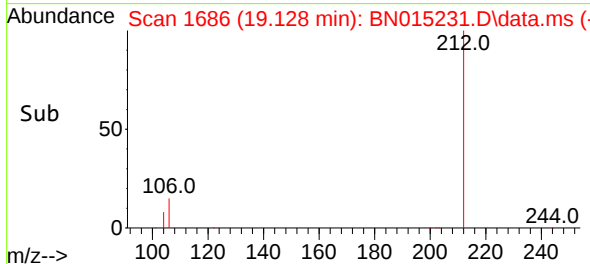
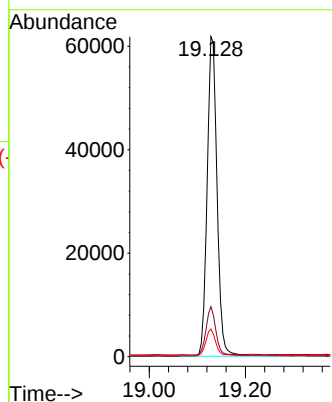
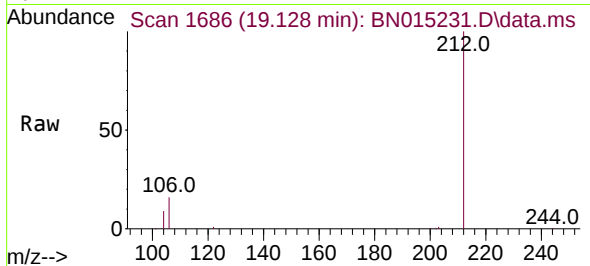




#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

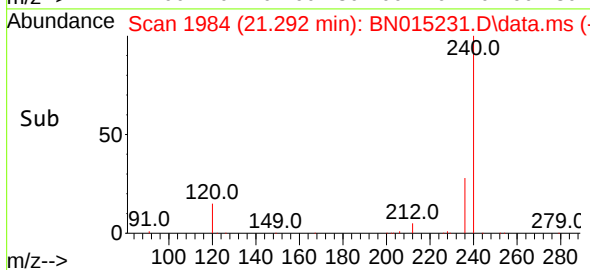
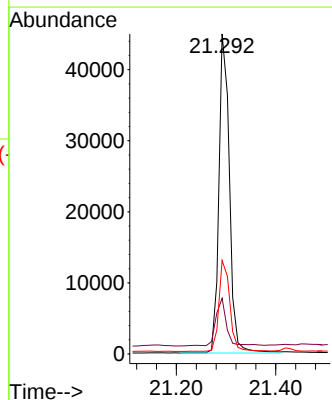
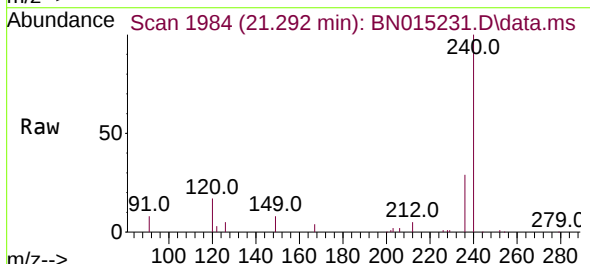
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618

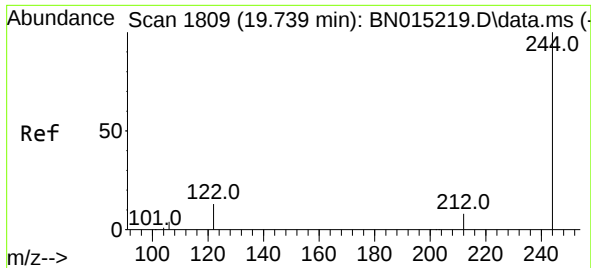
Tgt Ion:212 Resp: 87925
Ion Ratio Lower Upper
212 100
106 14.6 7.0 10.6#
104 8.4 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion:240 Resp: 65936
Ion Ratio Lower Upper
240 100
120 17.4 4.2 6.4#
236 29.2 21.4 32.2

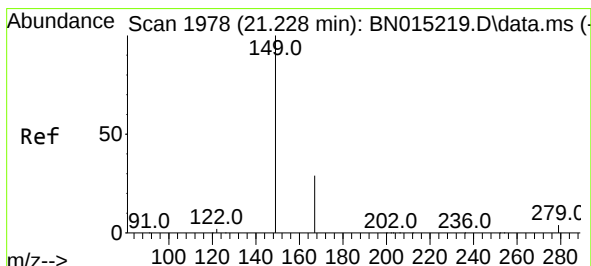
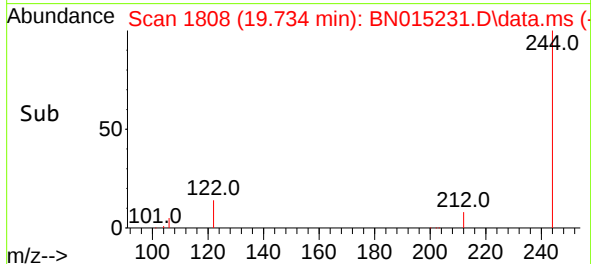
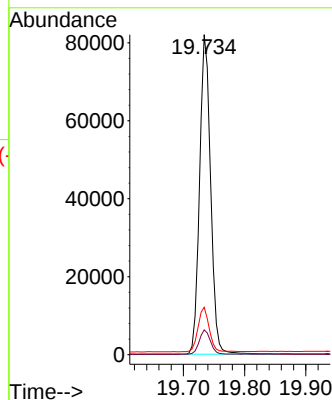
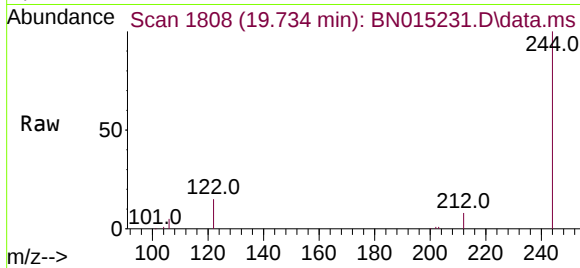




#31
Terphenyl-d14
Concen: 0.67 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.005 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

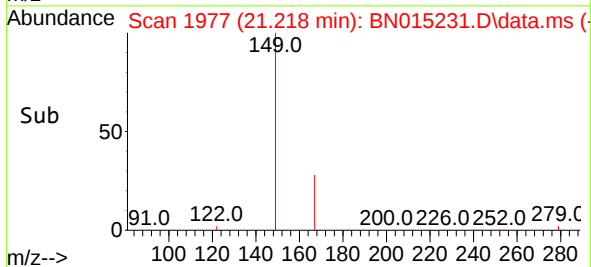
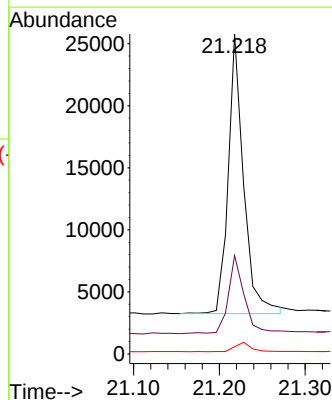
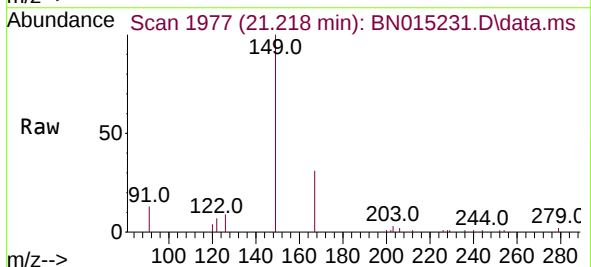
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618

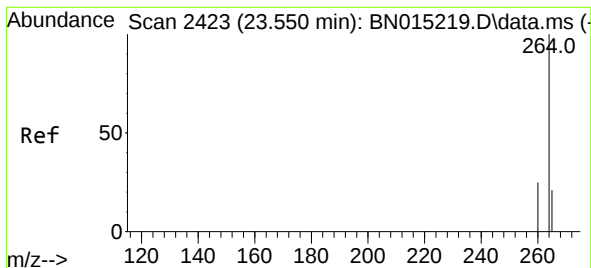
Tgt Ion:244 Resp: 102667
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 14.8 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015231.D
Acq: 30 Jun 2021 20:26

Tgt Ion:149 Resp: 28067
Ion Ratio Lower Upper
149 100
167 28.6 28.9 43.3#
279 3.5 4.9 7.3#





#35

Perylene-d12

Concen: 0.40 ng

RT: 23.547 min Scan# 2422

Delta R.T. -0.003 min

Lab File: BN015231.D

Acq: 30 Jun 2021 20:26

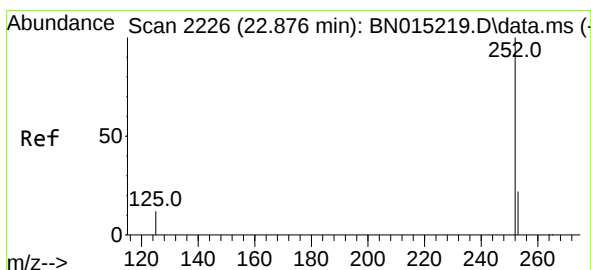
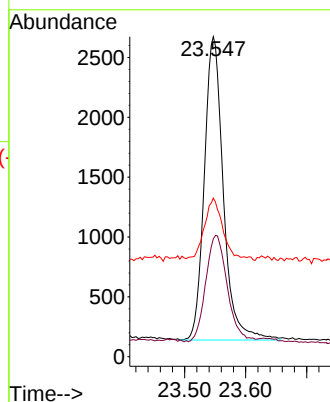
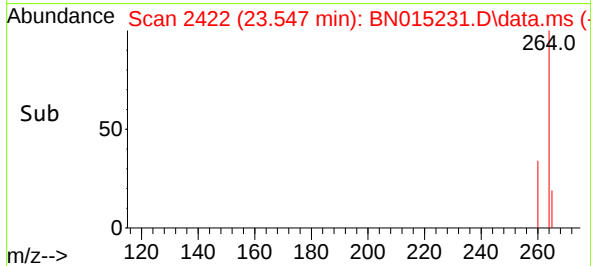
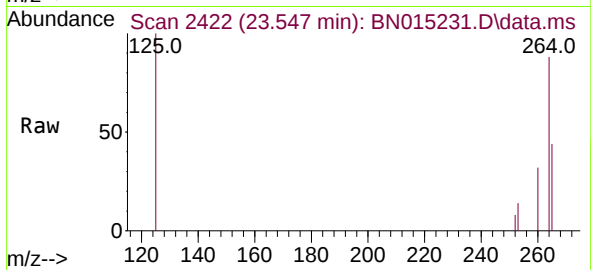
Tgt Ion:264 Resp: 5512

Ion Ratio Lower Upper

264 100

260 36.8 20.6 31.0#

265 49.6 21.4 32.2#



#37

Benzo(b)fluoranthene

Concen: 0.03 ng

RT: 22.873 min Scan# 2225

Delta R.T. -0.003 min

Lab File: BN015231.D

Acq: 30 Jun 2021 20:26

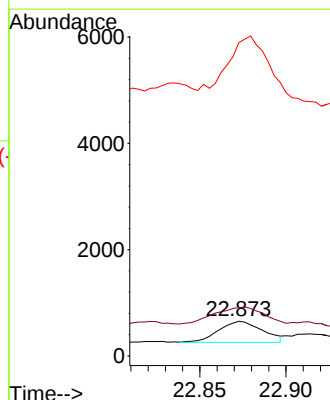
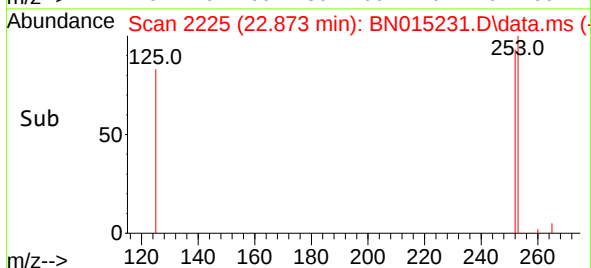
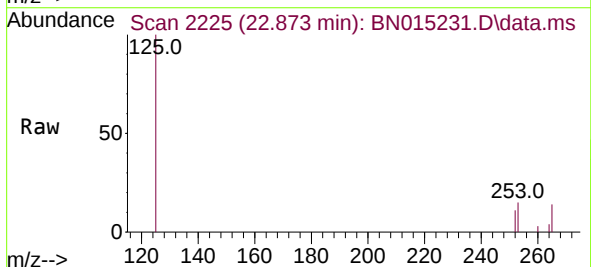
Tgt Ion:252 Resp: 697

Ion Ratio Lower Upper

252 100

253 138.8 18.5 27.7#

125 901.8 5.8 8.6#



Instrument :

BNA_N

ClientSampleId :

RE132D5-20210618