

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015251.D
 Acq On : 01 Jul 2021 09:39
 Operator : CG/JU
 Sample : M2838-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20210621

Quant Time: Jul 01 11:40:39 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)

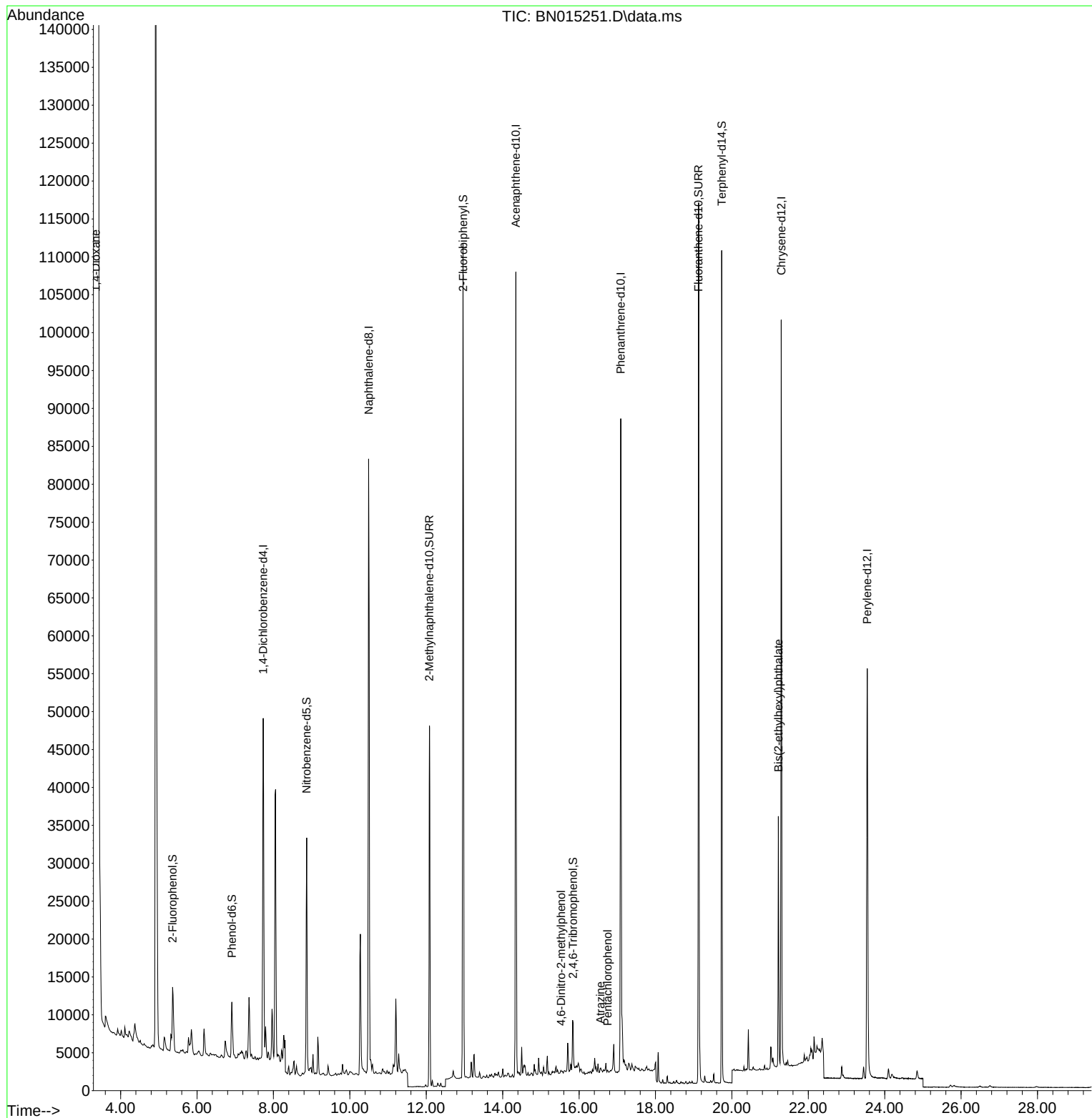
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	23955	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	110496	0.400	ng	# 0.00
13) Acenaphthene-d10	14.345	164	59386	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	118265	0.400	ng	0.00
29) Chrysene-d12	21.292	240	93419	0.400	ng	#-0.01
35) Perylene-d12	23.543	264	77102	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.362	112	10050	0.165	ng	0.00
5) Phenol-d6	6.911	99	7264	0.094	ng	0.00
8) Nitrobenzene-d5	8.870	82	26065	0.421	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	63886	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6442	0.471	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	94145	0.390	ng	0.00
27) Fluoranthene-d10	19.128	212	128616	0.368	ng	0.00
31) Terphenyl-d14	19.734	244	107096	0.490	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.352	88	146399	13.035	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.525	198	12	0.196	ng	# 1
23) Atrazine	16.556	200	98	0.174	ng	# 19
24) Pentachlorophenol	16.750	266	58	0.246	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.217	149	28969	0.402	ng	# 86

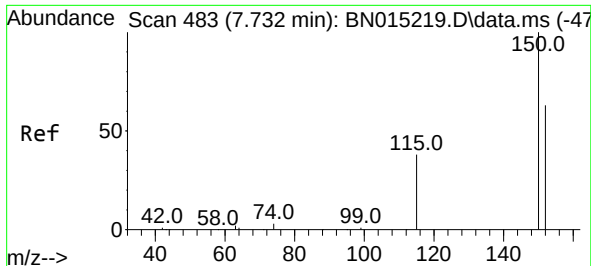
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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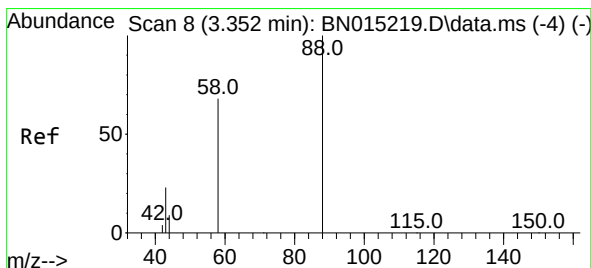
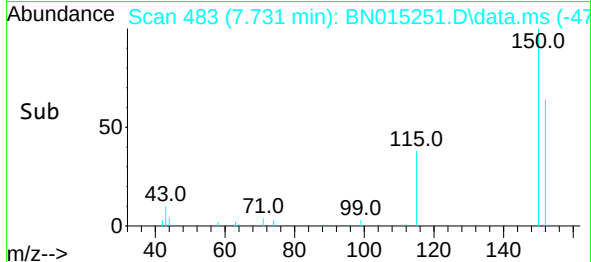
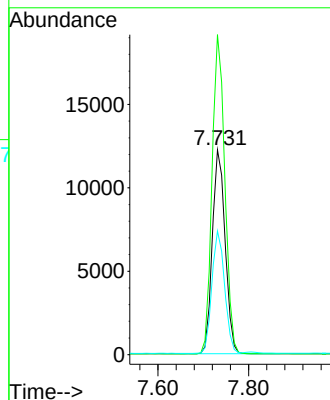
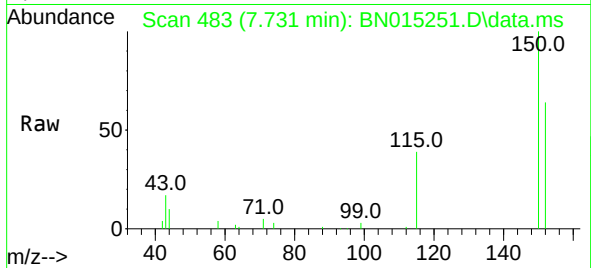




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.731 min Scan# 483
 Delta R.T. -0.001 min
 Lab File: BN015251.D
 Acq: 01 Jul 2021 09:39

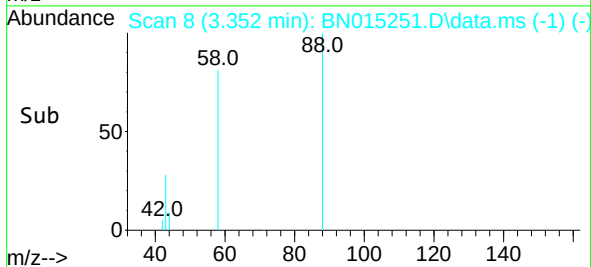
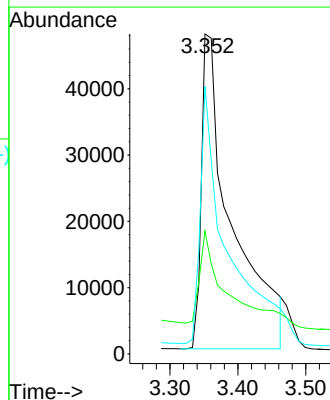
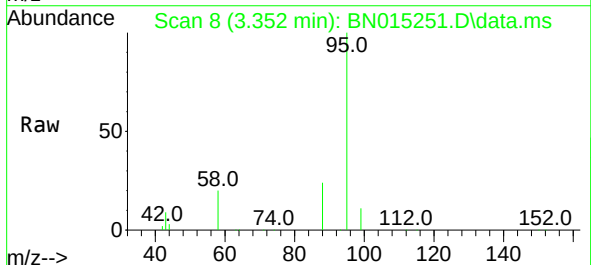
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 BNA_N
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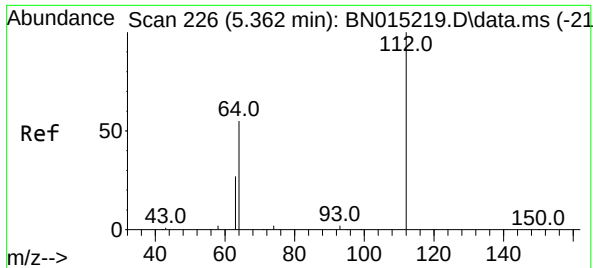
Tgt Ion:152 Resp: 23955
 Ion Ratio Lower Upper
 152 100
 150 156.3 119.0 178.6
 115 60.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 13.035 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015251.D
 Acq: 01 Jul 2021 09:39

Tgt Ion: 88 Resp: 146399
 Ion Ratio Lower Upper
 88 100
 43 23.7 12.9 19.3#
 58 71.4 38.1 57.1#

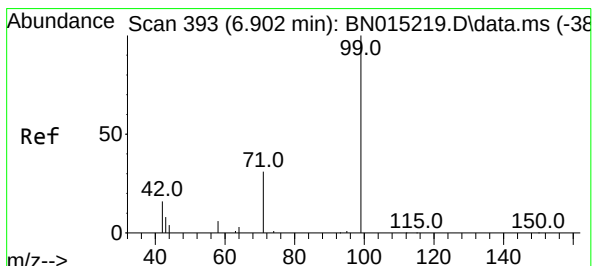
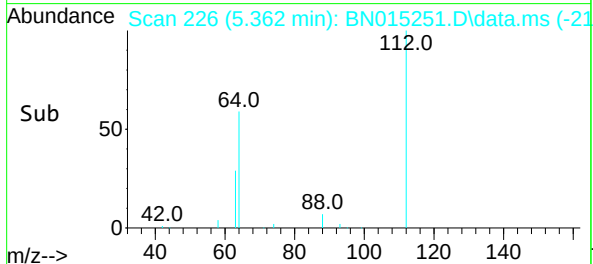
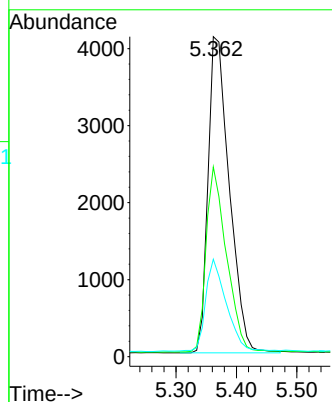
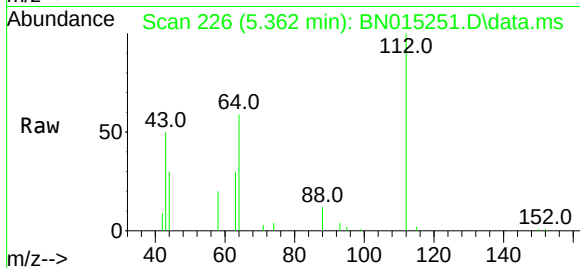




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.362 min Scan# 226
Delta R.T. -0.000 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

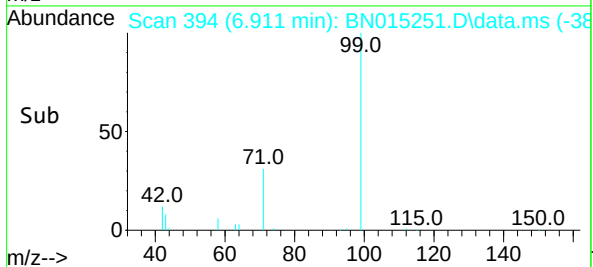
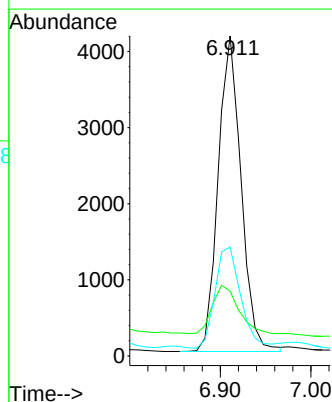
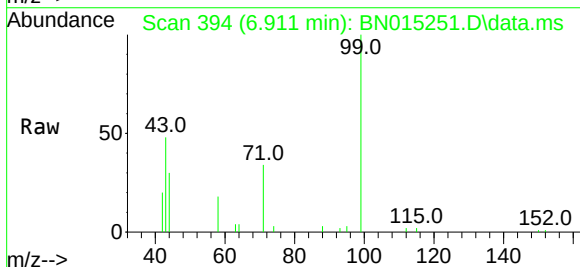
Instrument :
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RE103D1-20210621

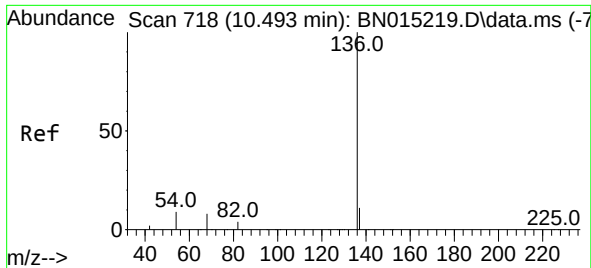
Tgt Ion:112 Resp: 10050
Ion Ratio Lower Upper
112 100
64 56.2 39.0 58.6
63 28.1 20.6 30.8



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Tgt Ion: 99 Resp: 7264
Ion Ratio Lower Upper
99 100
42 17.2 8.9 13.3#
71 35.6 35.6 53.4

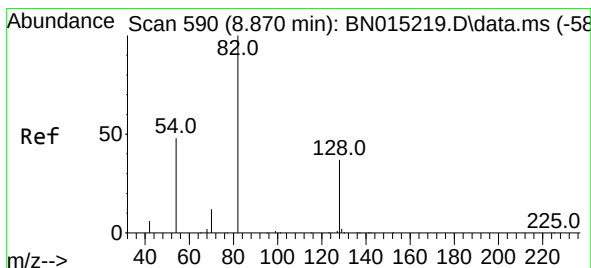
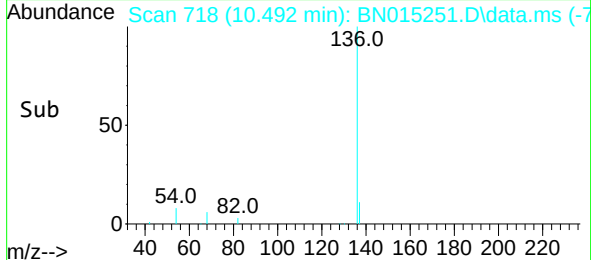
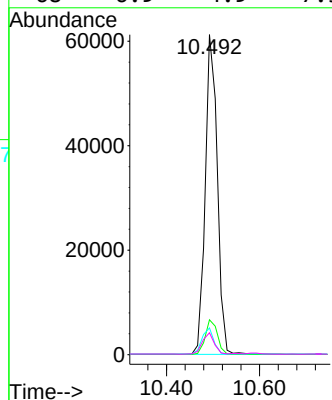
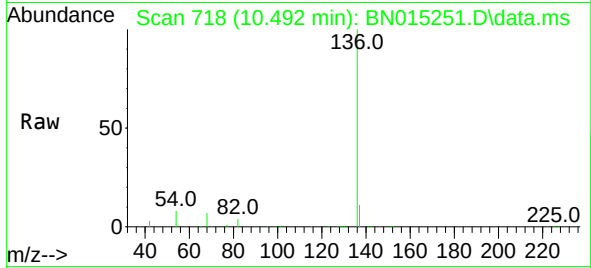




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.000 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

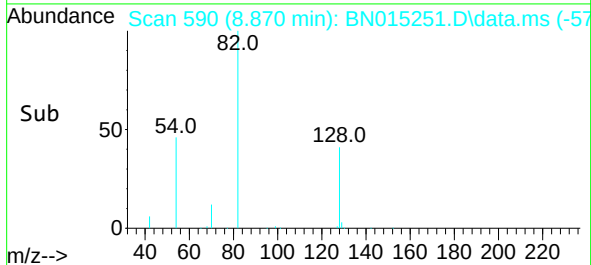
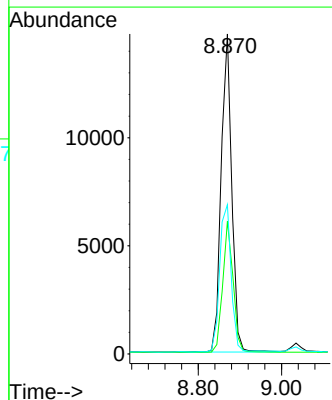
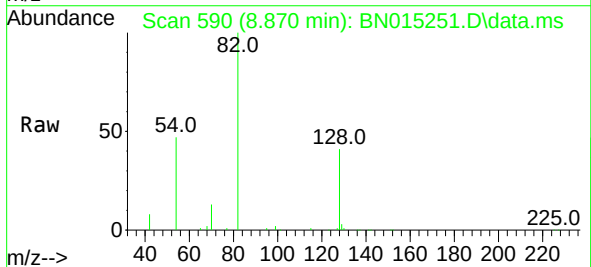
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210621

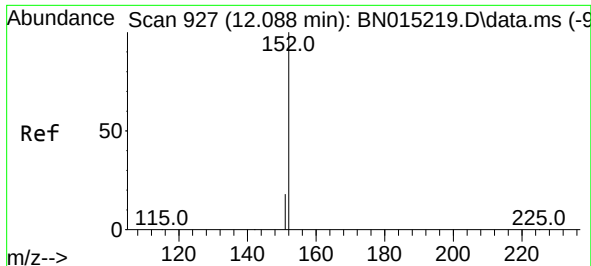
Tgt Ion:136	Resp: 110496
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.8
54 8.4	5.4 8.2#
68 6.9	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Tgt Ion: 82	Resp: 26065
Ion Ratio	Lower Upper
82 100	
128 41.5	31.6 47.4
54 46.6	29.0 43.4#

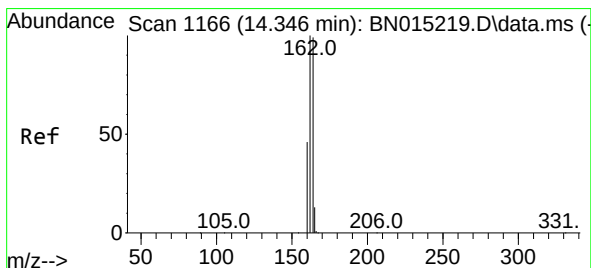
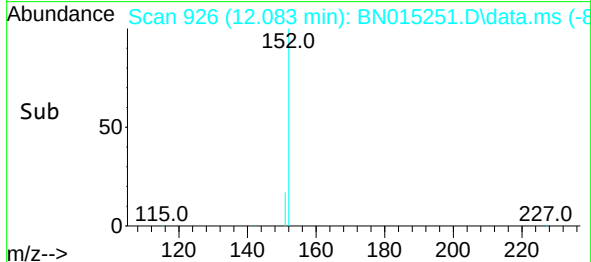
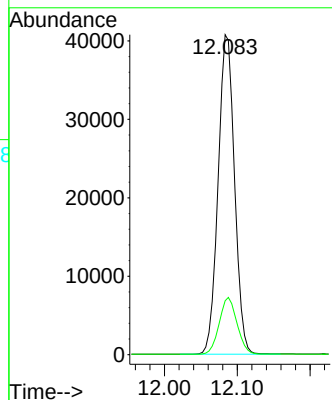
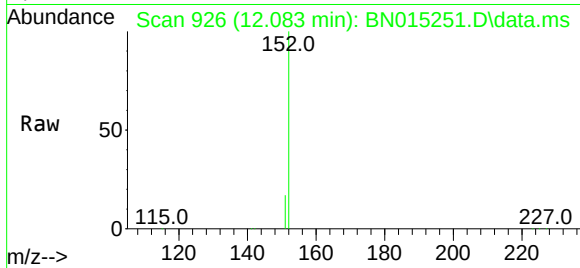




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.083 min Scan# 926
Delta R.T. -0.005 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

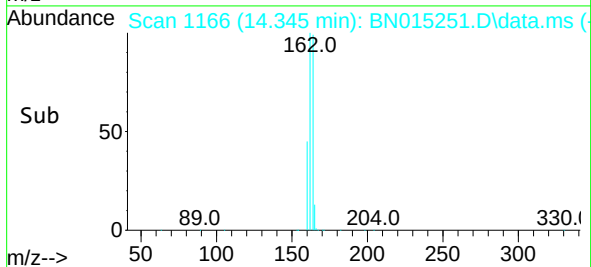
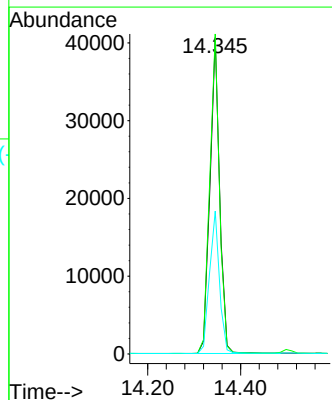
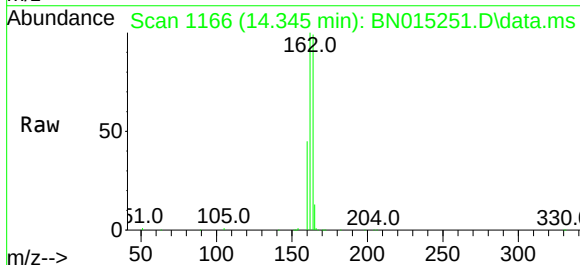
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210621

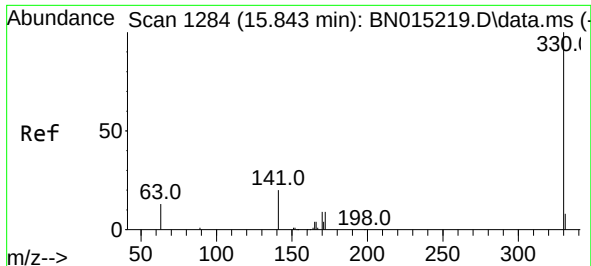
Tgt Ion:152 Resp: 63886
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1166
Delta R.T. -0.001 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Tgt Ion:164 Resp: 59386
Ion Ratio Lower Upper
164 100
162 101.1 83.8 125.6
160 45.1 37.4 56.0

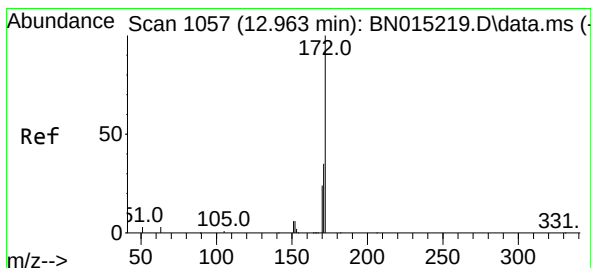
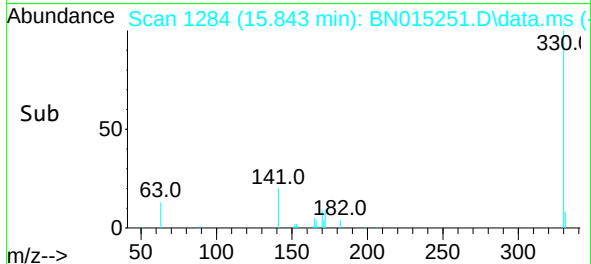
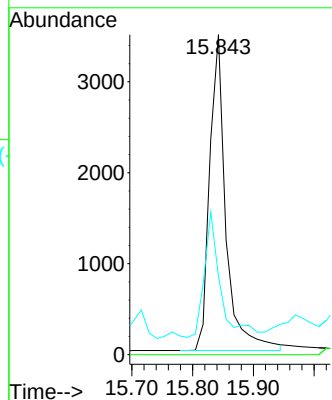
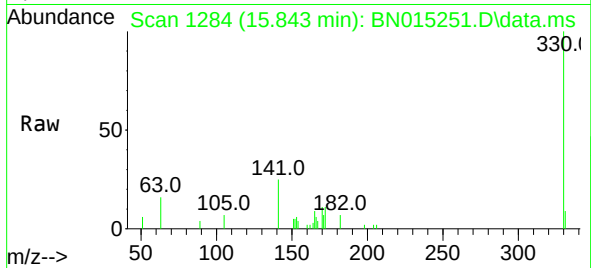




#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

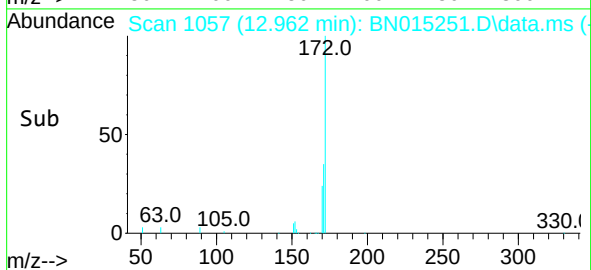
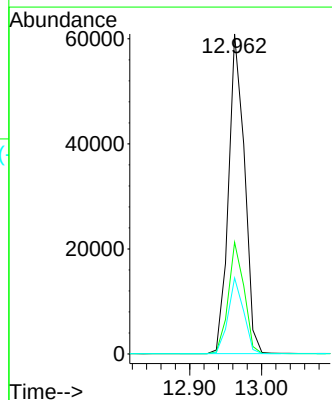
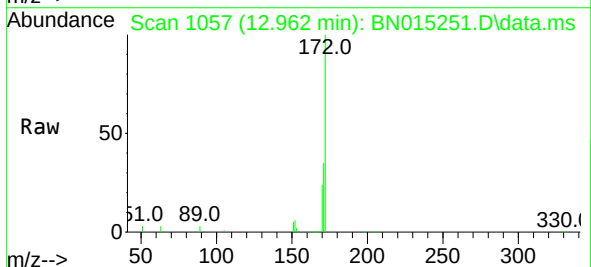
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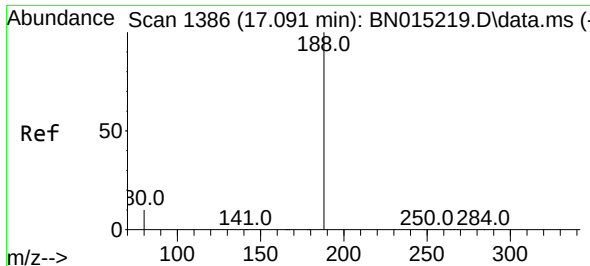
Tgt Ion: 330 Resp: 6442
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.0 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.962 min Scan# 1057
Delta R.T. -0.001 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Tgt Ion: 172 Resp: 94145
Ion Ratio Lower Upper
172 100
171 34.9 30.6 45.8
170 23.7 20.2 30.4

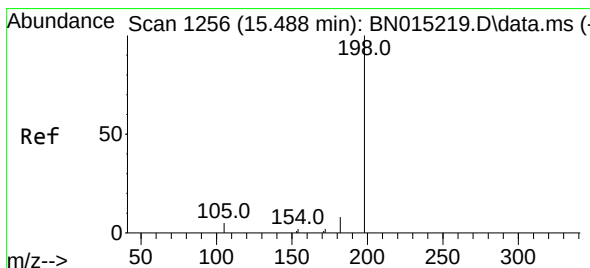
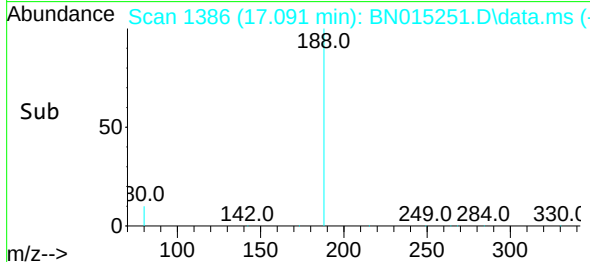
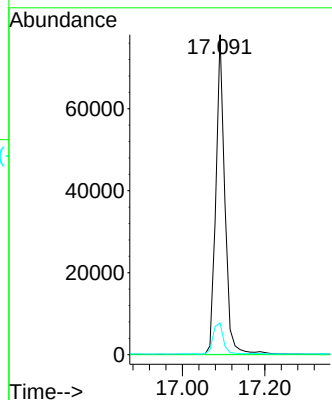
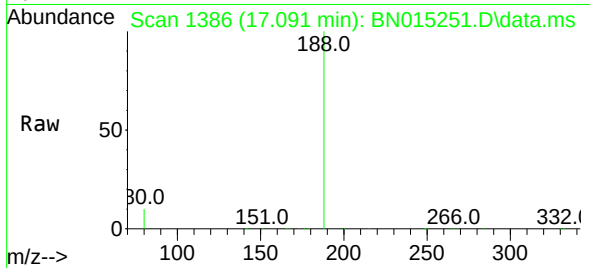




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

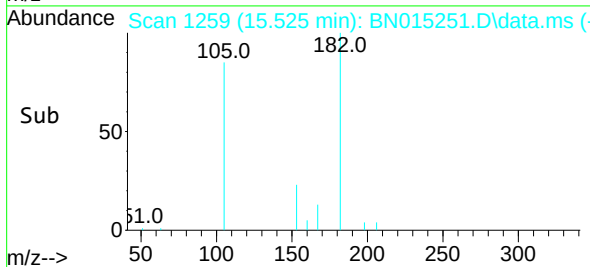
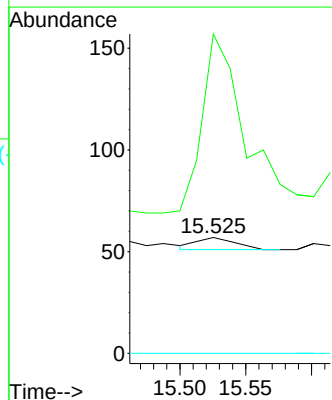
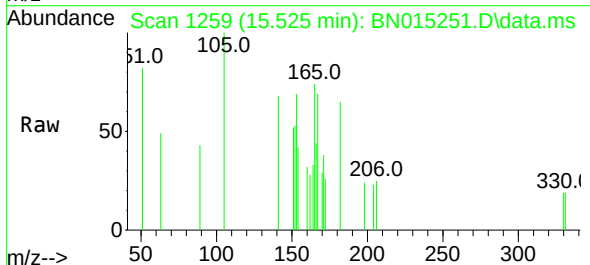
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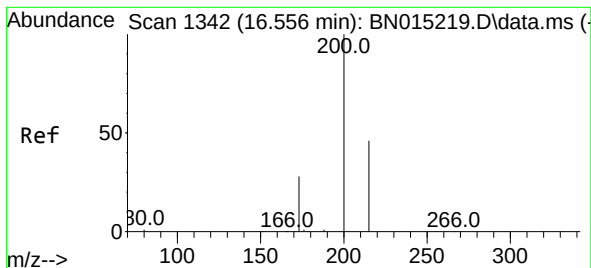
Tgt Ion:188 Resp: 118265
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.196 ng
RT: 15.525 min Scan# 1259
Delta R.T. 0.037 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
182 275.4 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.174 ng

RT: 16.556 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BN015251.D

Acq: 01 Jul 2021 09:39

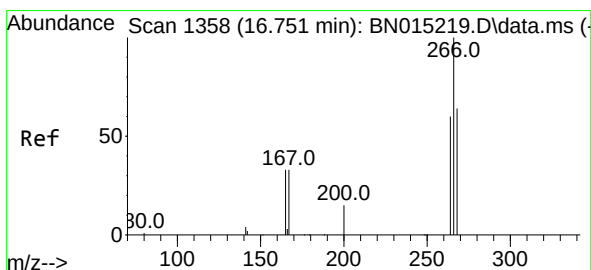
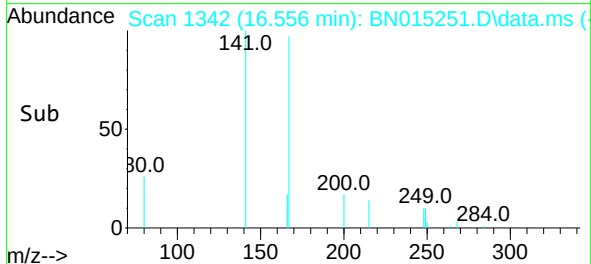
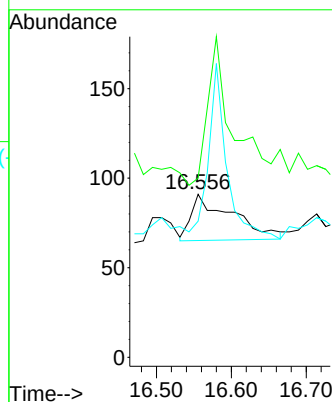
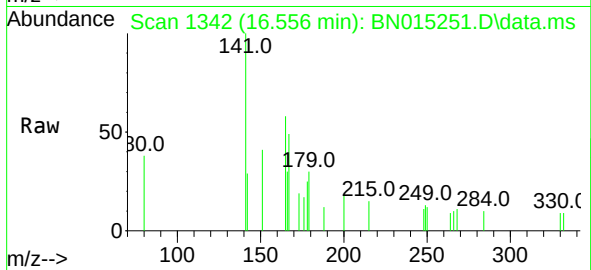
Tgt Ion:	200	Resp:	98
Ion	Ratio	Lower	Upper
200	100		
173	109.9	21.7	32.5#
215	83.5	43.1	64.7#

Instrument :

BNA_N

ClientSampleId :

RE103D1-20210621



#24

Pentachlorophenol

Concen: 0.246 ng

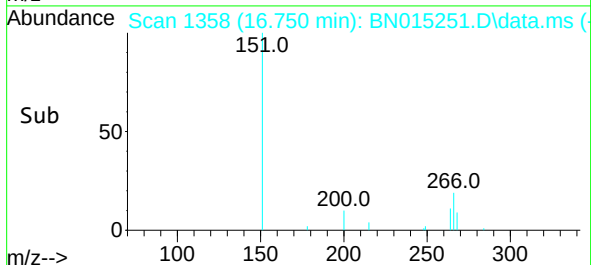
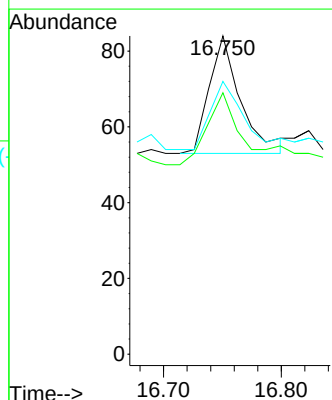
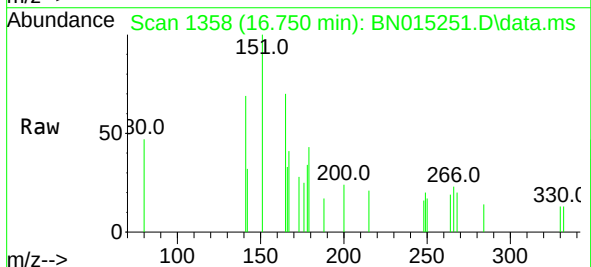
RT: 16.750 min Scan# 1358

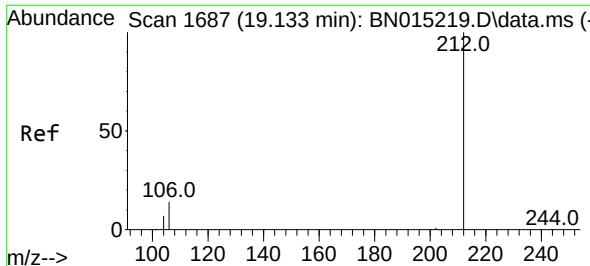
Delta R.T. -0.001 min

Lab File: BN015251.D

Acq: 01 Jul 2021 09:39

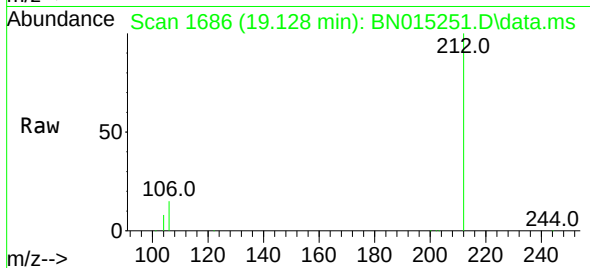
Tgt Ion:	266	Resp:	58
Ion	Ratio	Lower	Upper
266	100		
264	79.3	51.0	76.4#
268	63.8	50.6	76.0



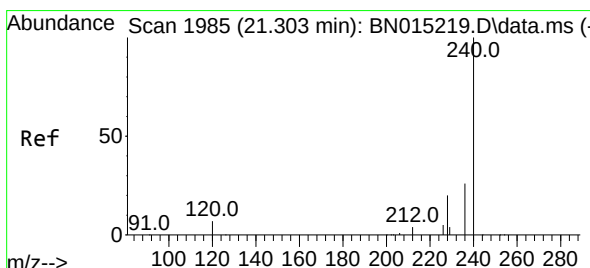
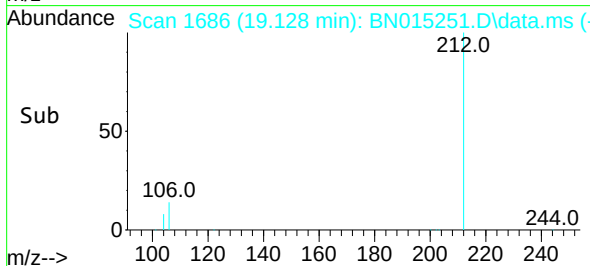
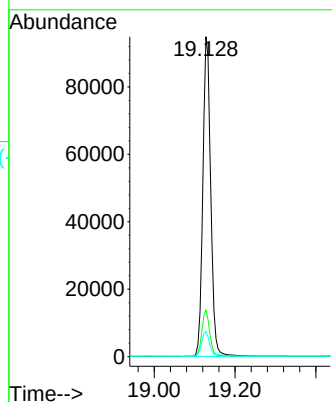


#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Instrument :
BNA_N
ClientSampleId :
RE103D1-20210621

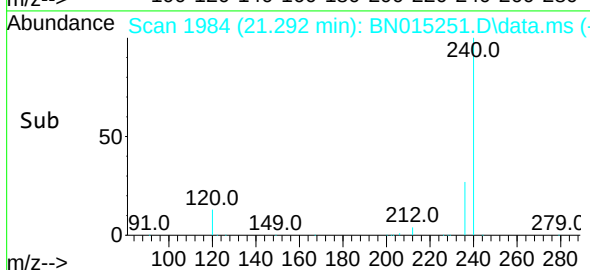
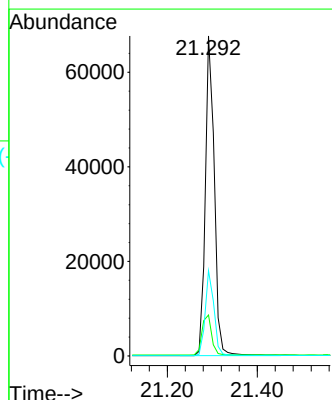
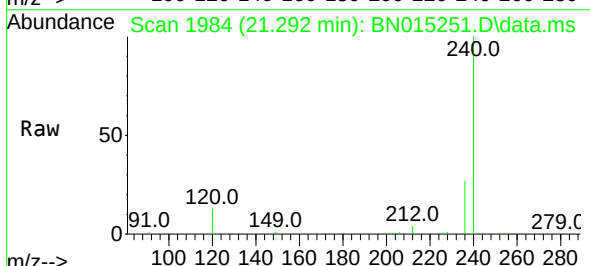


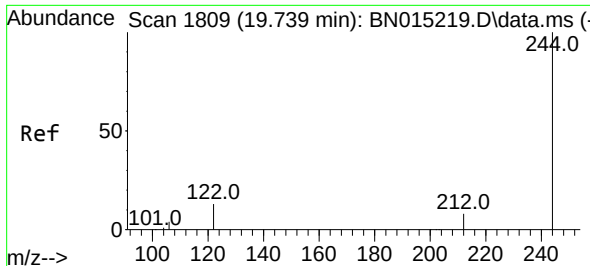
Tgt Ion:212 Resp: 128616
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Tgt Ion:240 Resp: 93419
Ion Ratio Lower Upper
240 100
120 12.8 4.2 6.4#
236 26.7 21.4 32.2

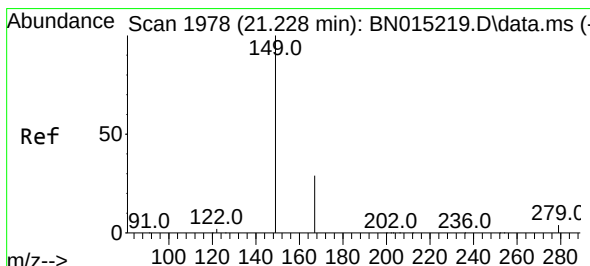
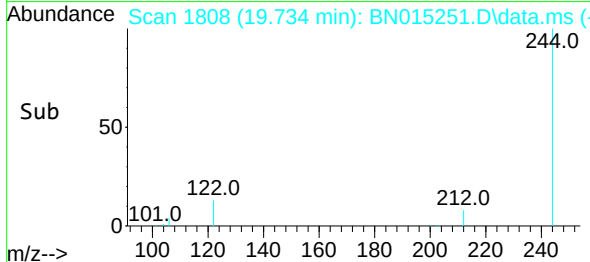
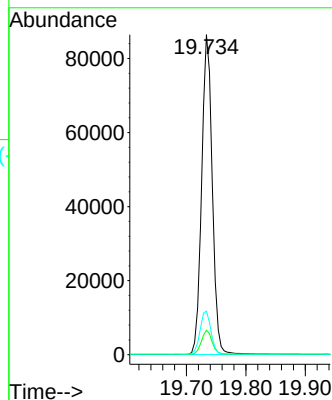
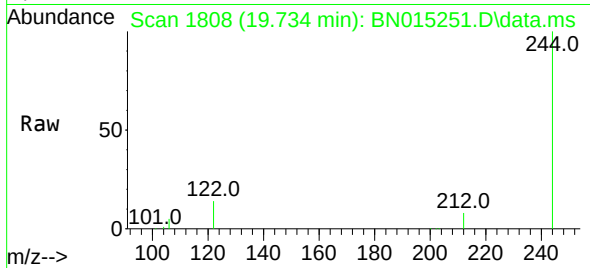




#31
Terphenyl-d14
Concen: 0.490 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.005 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

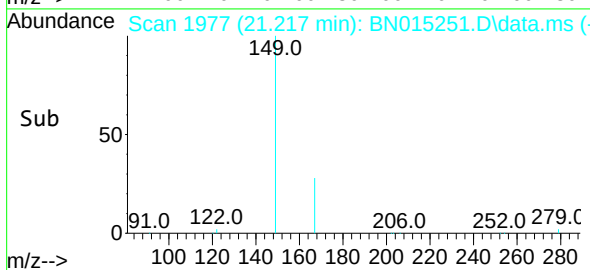
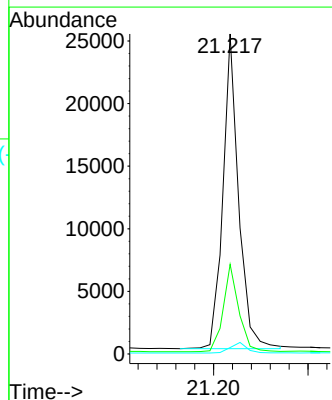
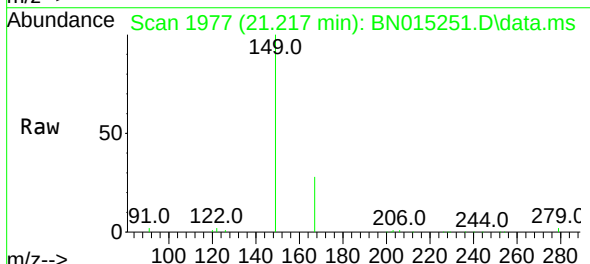
Instrument :
BNA_N
ClientSampleId :
RE103D1-20210621

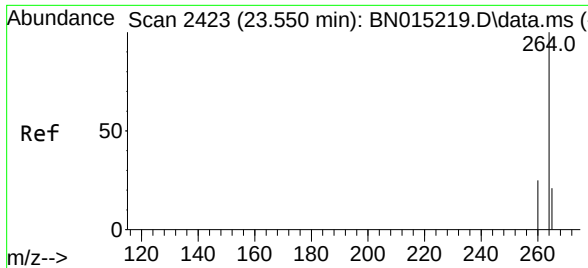
Tgt Ion:244 Resp: 107096
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.6 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.402 ng
RT: 21.217 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

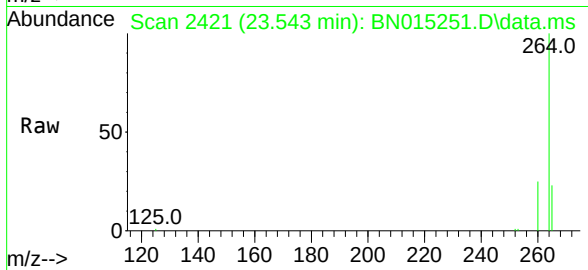
Tgt Ion:149 Resp: 28969
Ion Ratio Lower Upper
149 100
167 27.4 28.9 43.3#
279 3.5 4.9 7.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.543 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BN015251.D
Acq: 01 Jul 2021 09:39

Instrument :
BNA_N
ClientSampleId :
RE103D1-20210621



Tgt Ion:264 Resp: 77102
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 22.9 21.4 32.2

