

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017989.D
 Acq On : 14 Dec 2021 04:24
 Operator : CG/JU
 Sample : M4956-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202DL

Quant Time: Dec 14 05:00:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

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

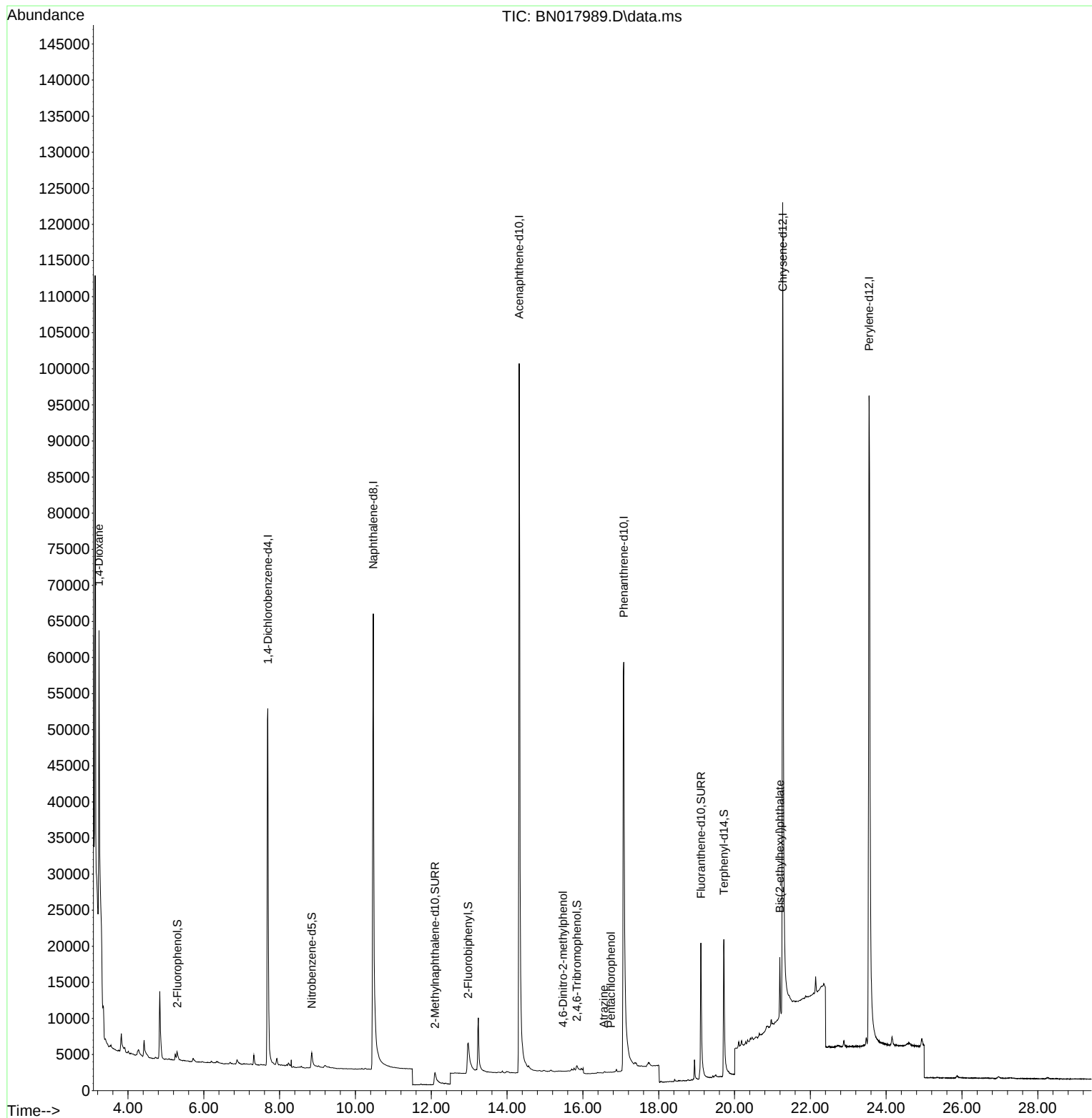
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	33028	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	119696	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	81263	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	153423	0.400	ng	0.01
29) Chrysene-d12	21.270	240	172198	0.400	ng	0.00
35) Perylene-d12	23.550	264	174025	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1570	0.022	ng	0.00
5) Phenol-d6	6.877	99	673	0.009	ng	0.00
8) Nitrobenzene-d5	8.848	82	3496	0.041	ng	0.01
11) 2-Methylnaphthalene-d10	12.096	152	6625	0.033	ng	0.03
14) 2,4,6-Tribromophenol	15.842	330	1232	0.213	ng	0.03
15) 2-Fluorobiphenyl	12.975	172	8085	0.029	ng	0.03
27) Fluoranthene-d10	19.113	212	35159	0.069	ng	0.00
31) Terphenyl-d14	19.718	244	33836	0.094	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.235	88	28079	1.364	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.474	198	6	0.208	ng	# 1
23) Atrazine	16.555	200	29	0.081	ng	# 1
24) Pentachlorophenol	16.738	266	24	0.244	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.196	149	7816	0.031	ng	# 99

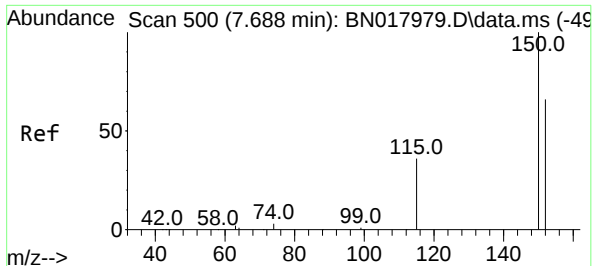
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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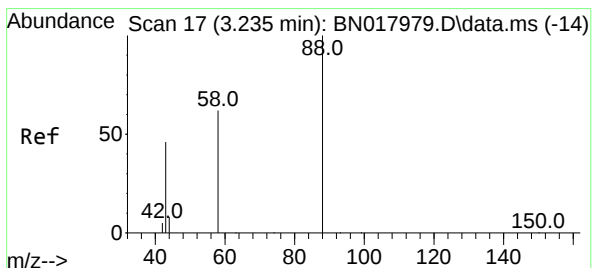
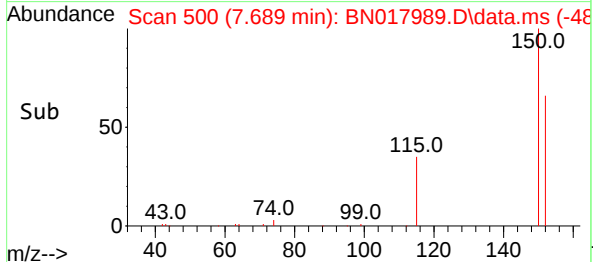
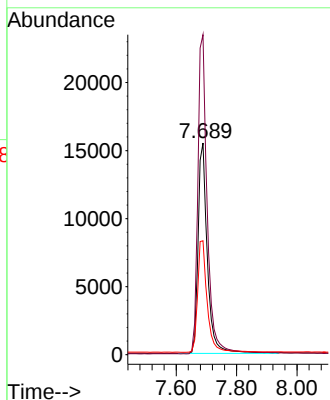
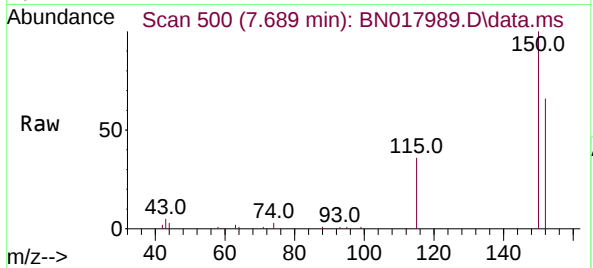




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 50
 Delta R.T. 0.001 min
 Lab File: BN017989.D
 Acq: 14 Dec 2021 04:24

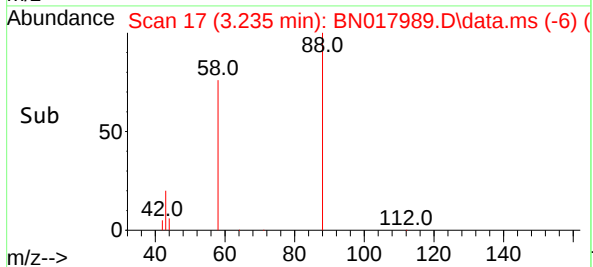
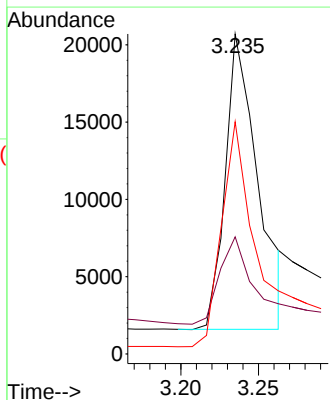
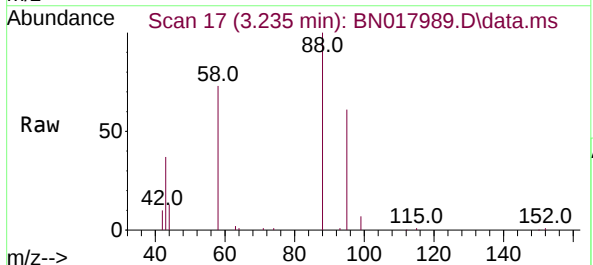
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202DL

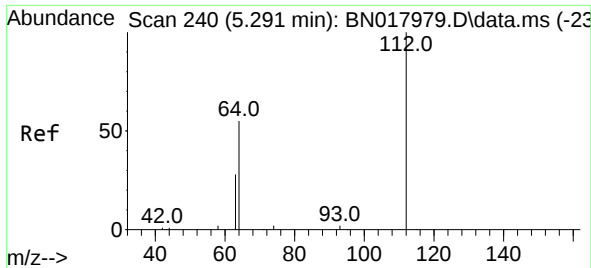
Tgt Ion:152 Resp: 33028
 Ion Ratio Lower Upper
 152 100
 150 151.2 121.7 182.5
 115 53.8 43.8 65.8



#2
 1,4-Dioxane
 Concen: 1.364 ng
 RT: 3.235 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN017989.D
 Acq: 14 Dec 2021 04:24

Tgt Ion: 88 Resp: 28079
 Ion Ratio Lower Upper
 88 100
 43 30.4 69.7 104.5#
 58 76.2 83.8 125.8#

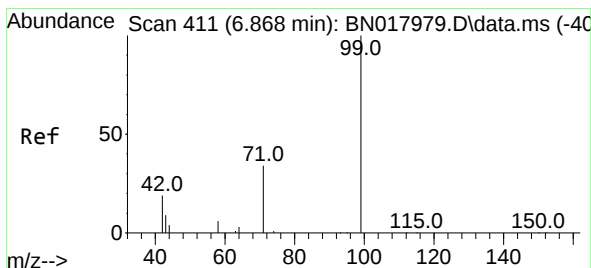
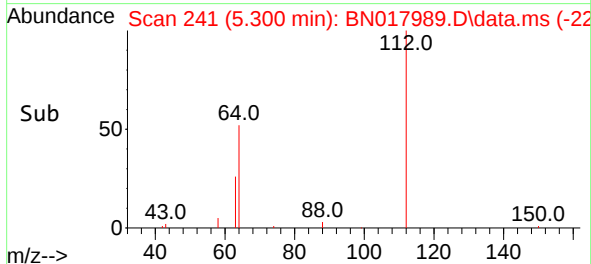
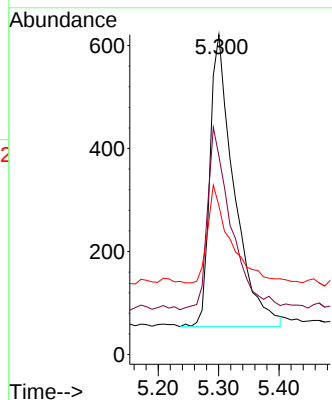
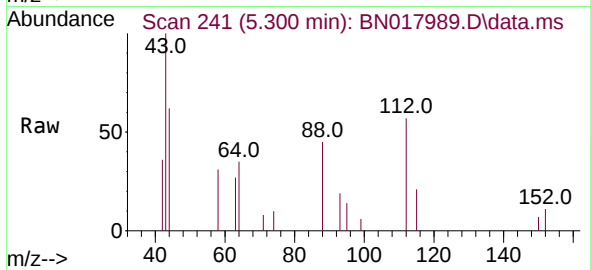




#4
2-Fluorophenol
Concen: 0.022 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.010 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

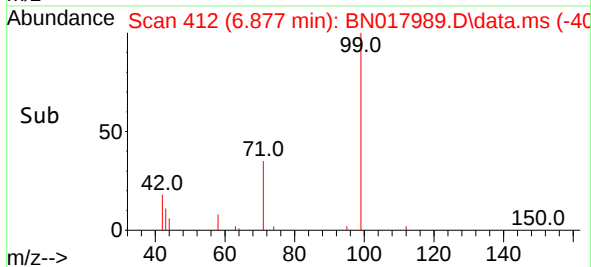
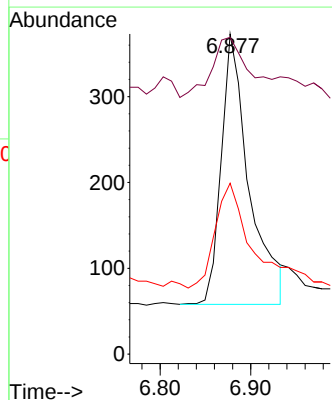
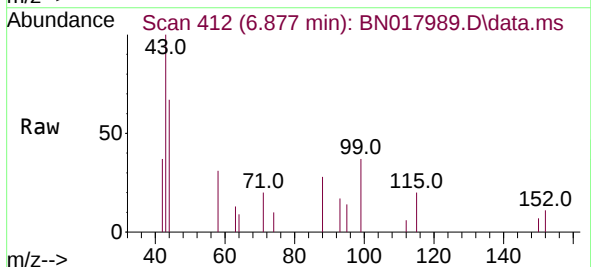
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202DL

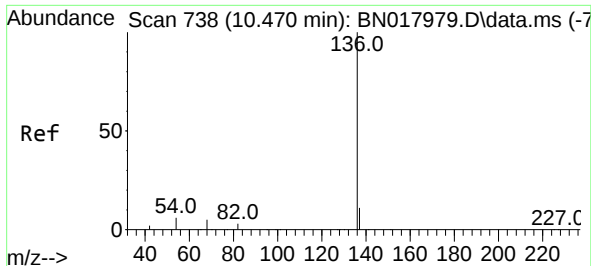
Tgt Ion:112 Resp: 1570
Ion Ratio Lower Upper
112 100
64 61.5 48.0 72.0
63 31.0 25.3 37.9



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.010 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

Tgt Ion: 99 Resp: 673
Ion Ratio Lower Upper
99 100
42 29.7 16.3 24.5#
71 47.0 26.8 40.2#

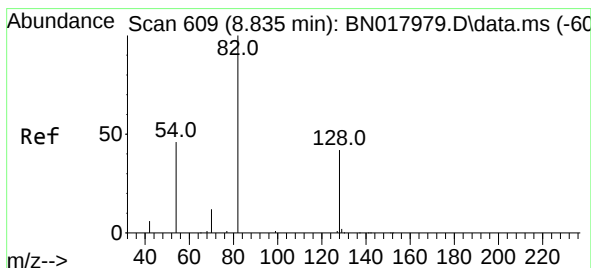
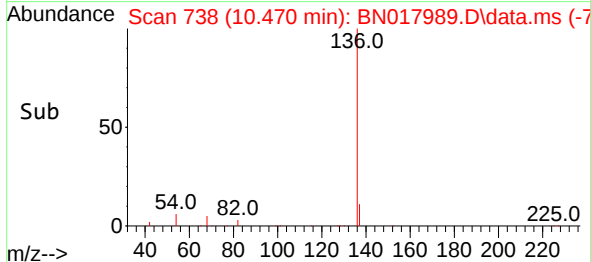
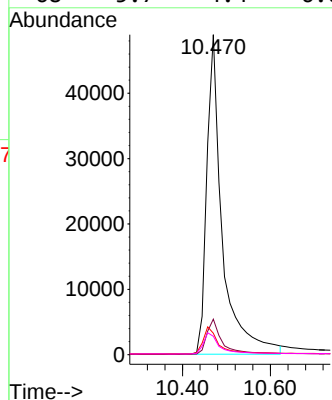
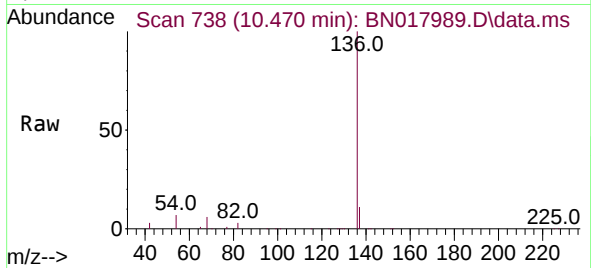




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

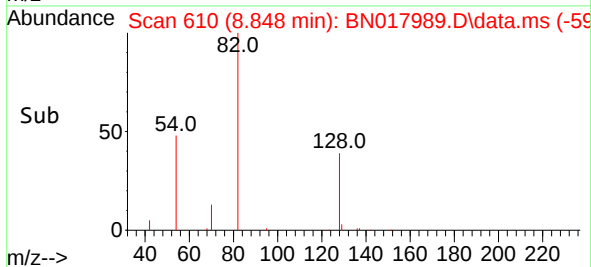
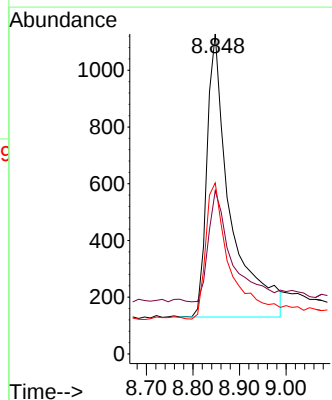
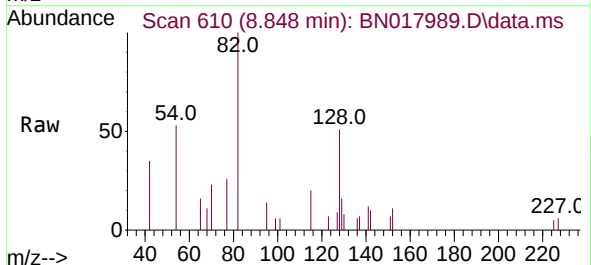
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202DL

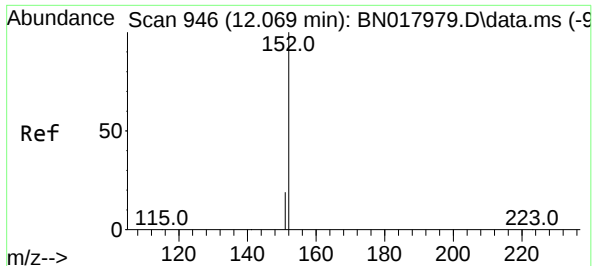
Tgt Ion:	136	Resp:	119696
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.7	5.0	7.6
68	5.7	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.041 ng
RT: 8.848 min Scan# 610
Delta R.T. 0.013 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

Tgt Ion:	82	Resp:	3496
Ion Ratio	Lower	Upper	
82	100		
128	51.1	33.7	50.5#
54	53.5	36.6	55.0





#11

2-Methylnaphthalene-d10

Concen: 0.033 ng

RT: 12.096 min Scan# 91

Delta R.T. 0.027 min

Lab File: BN017989.D

Acq: 14 Dec 2021 04:24

Instrument :

BNA_N

ClientSampleId :

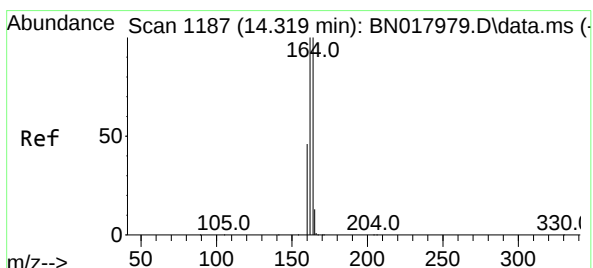
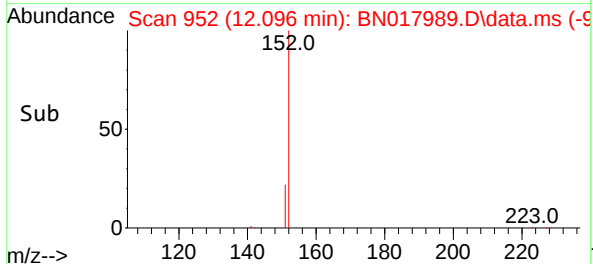
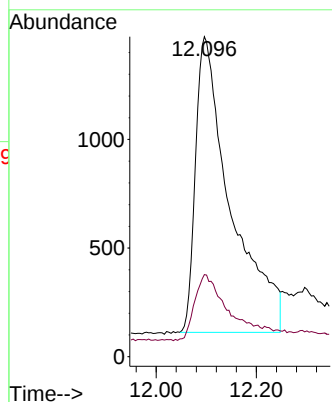
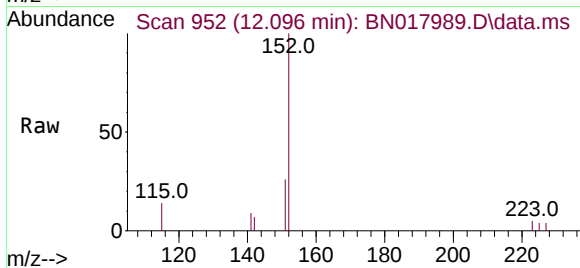
RE134D3-20211202DL

Tgt Ion:152 Resp: 6625

Ion Ratio Lower Upper

152 100

151 21.4 16.2 24.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.320 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BN017989.D

Acq: 14 Dec 2021 04:24

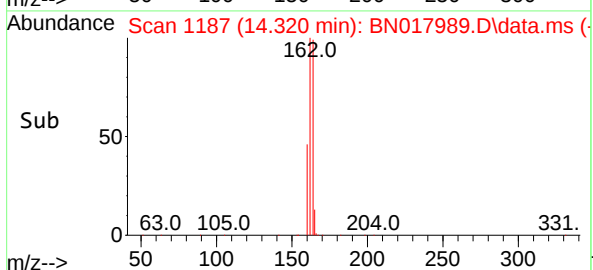
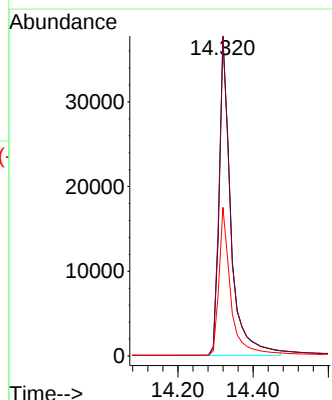
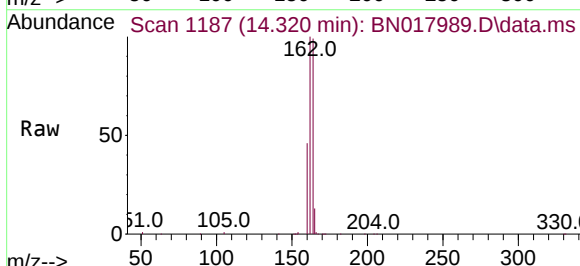
Tgt Ion:164 Resp: 81263

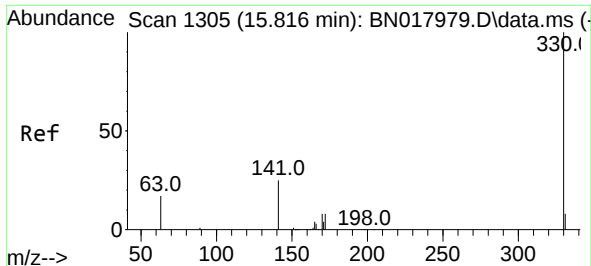
Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

160 46.7 36.9 55.3

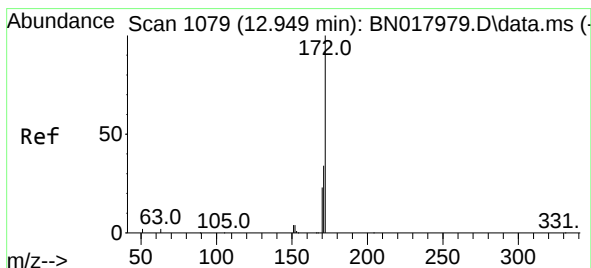
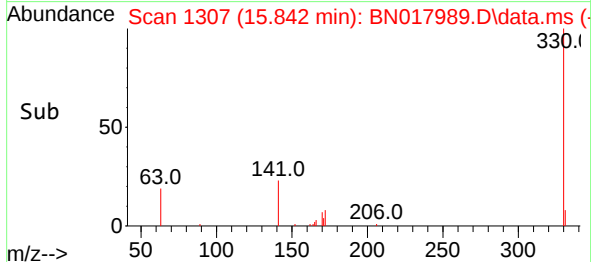
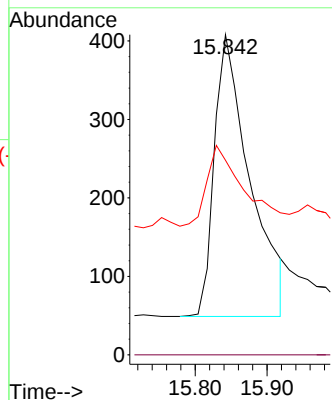
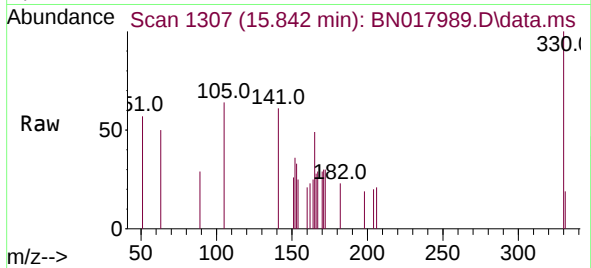




#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 15.842 min Scan# 11
Delta R.T. 0.026 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

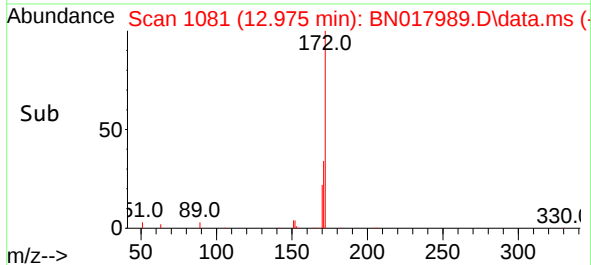
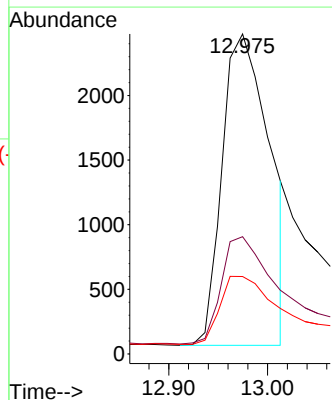
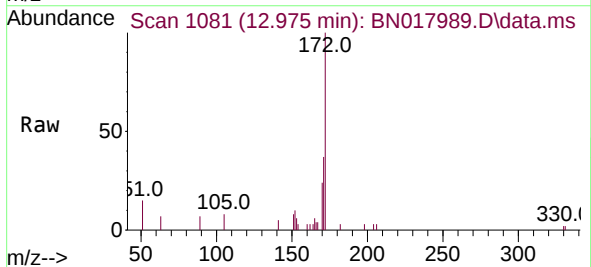
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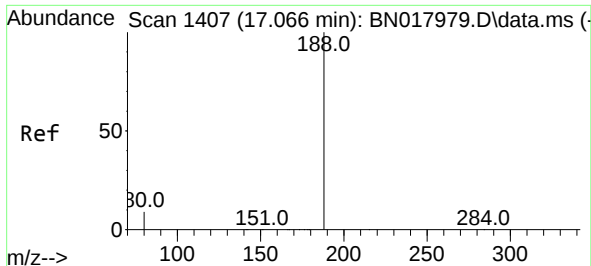
Tgt Ion:330 Resp: 1232
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.029 ng
RT: 12.975 min Scan# 1081
Delta R.T. 0.026 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

Tgt Ion:172 Resp: 8085
Ion Ratio Lower Upper
172 100
171 36.7 27.4 41.0
170 24.2 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1408

Delta R.T. 0.012 min

Lab File: BN017989.D

Acq: 14 Dec 2021 04:24

Instrument :

BNA_N

ClientSampleId :

RE134D3-20211202DL

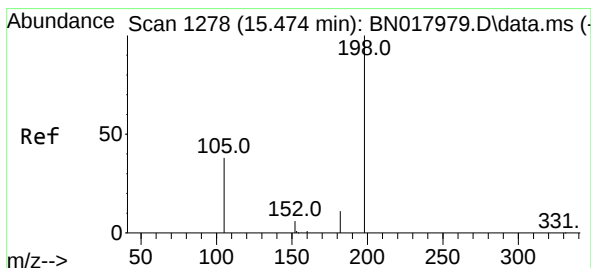
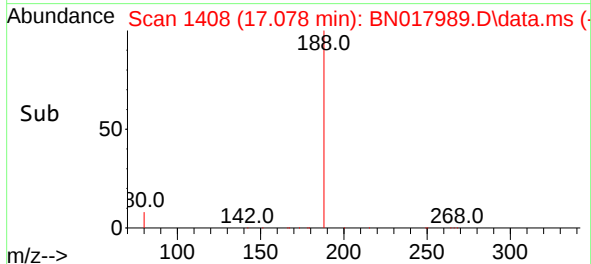
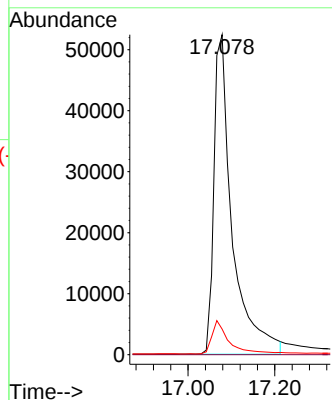
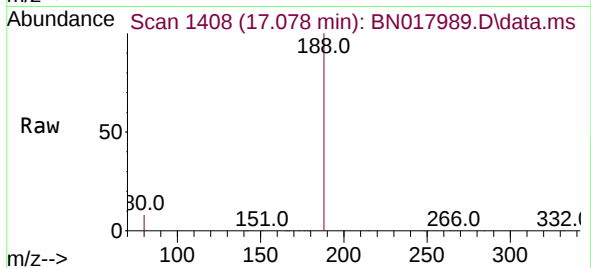
Tgt Ion:188 Resp: 153423

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 7.0 10.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.208 ng

RT: 15.474 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BN017989.D

Acq: 14 Dec 2021 04:24

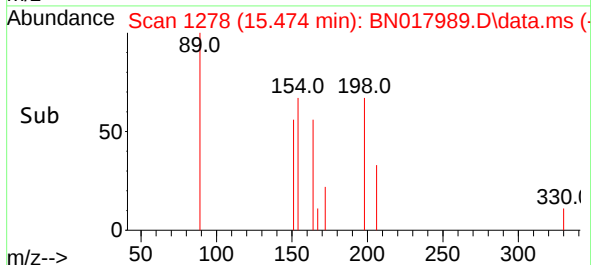
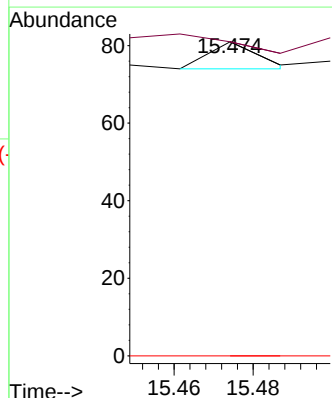
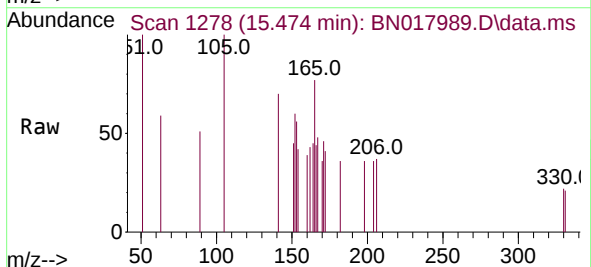
Tgt Ion:198 Resp: 6

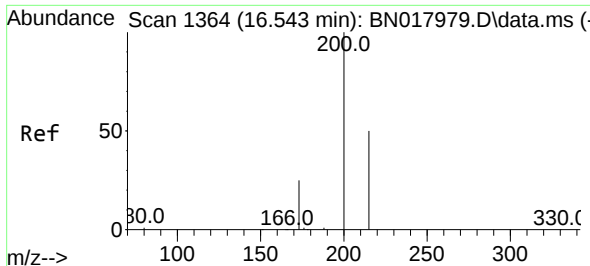
Ion Ratio Lower Upper

198 100

182 100.0 15.5 23.3#

77 0.0 0.0 0.0

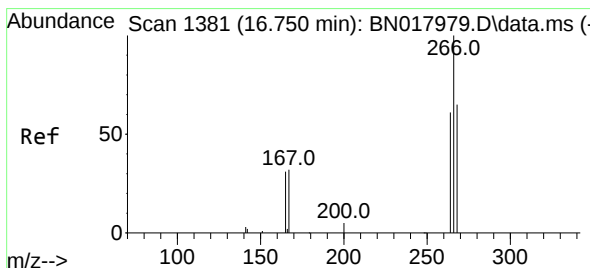
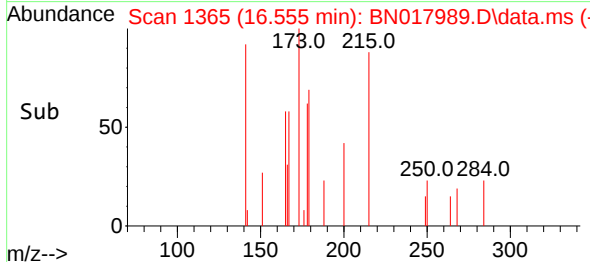
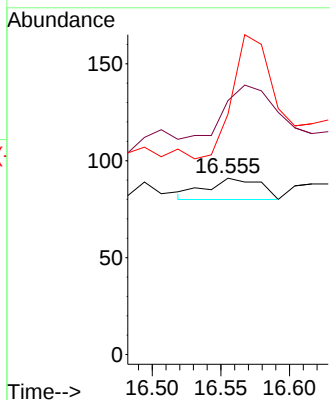
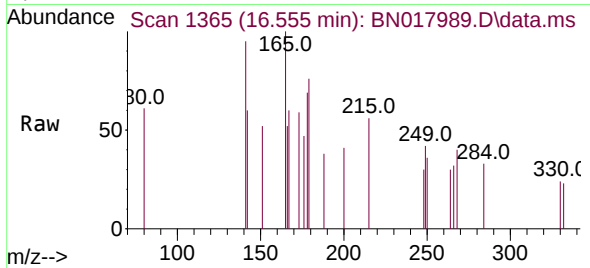




#23
 Atrazine
 Concen: 0.081 ng
 RT: 16.555 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017989.D
 Acq: 14 Dec 2021 04:24

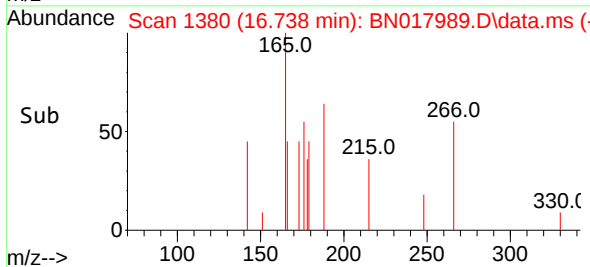
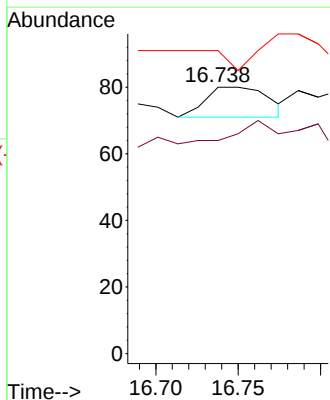
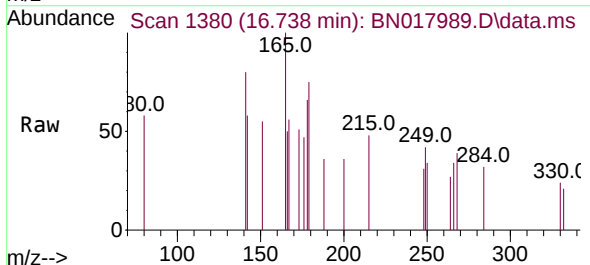
Instrument :
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 RE134D3-20211202DL

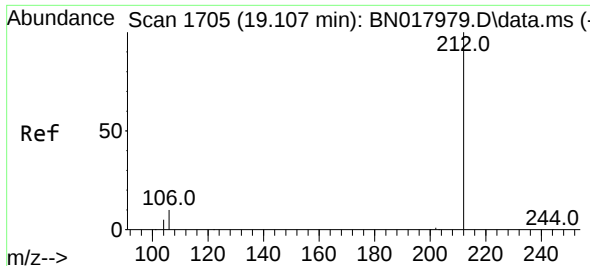
Tgt Ion:200 Resp: 29
 Ion Ratio Lower Upper
 200 100
 173 144.0 20.3 30.5#
 215 136.3 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.244 ng
 RT: 16.738 min Scan# 1380
 Delta R.T. -0.012 min
 Lab File: BN017989.D
 Acq: 14 Dec 2021 04:24

Tgt Ion:266 Resp: 24
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#

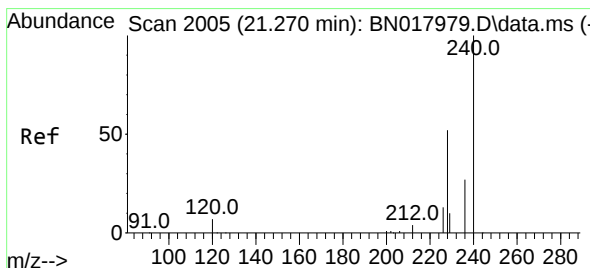
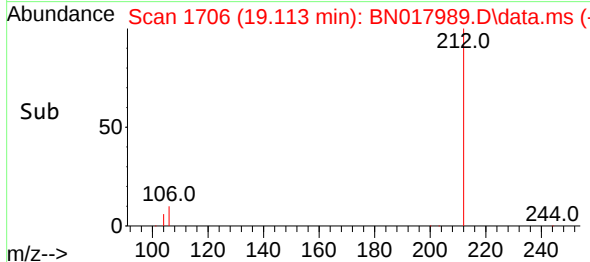
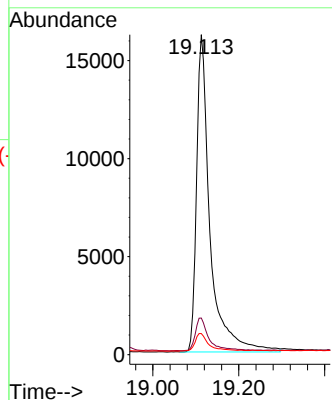
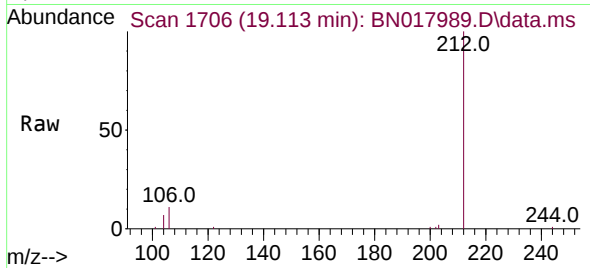




#27
Fluoranthene-d10
Concen: 0.069 ng
RT: 19.113 min Scan# 1706
Delta R.T. 0.005 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

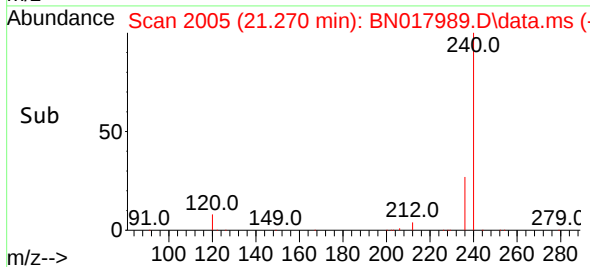
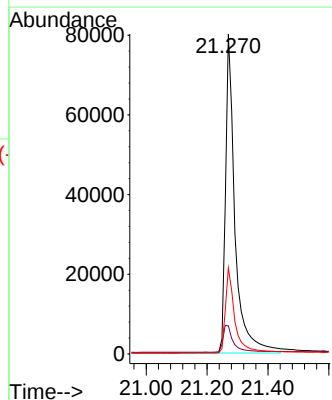
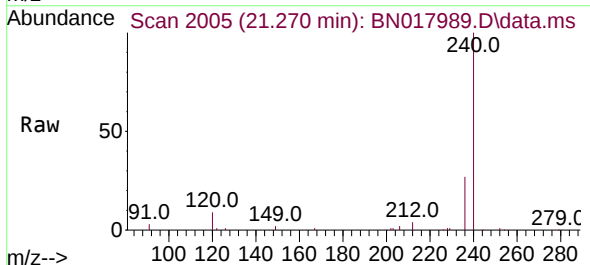
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202DL

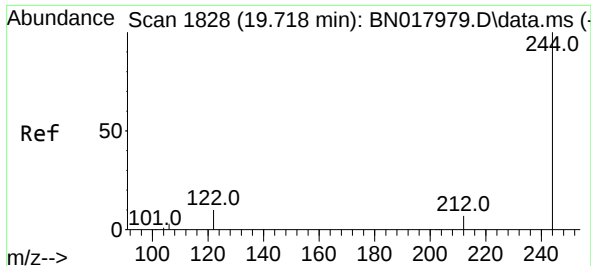
Tgt Ion:212 Resp: 35159
Ion Ratio Lower Upper
212 100
106 10.5 8.4 12.6
104 5.7 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017989.D
Acq: 14 Dec 2021 04:24

Tgt Ion:240 Resp: 172198
Ion Ratio Lower Upper
240 100
120 8.8 6.0 9.0
236 26.9 21.4 32.2

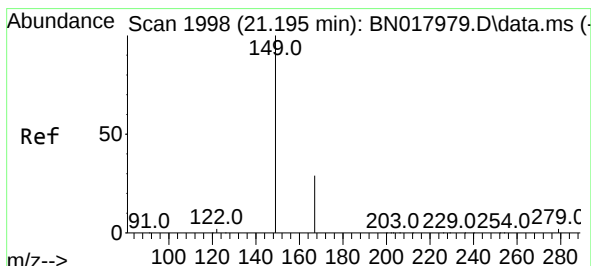
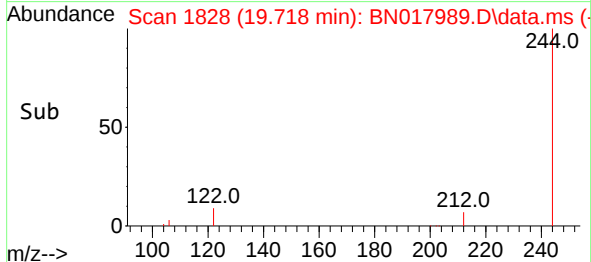
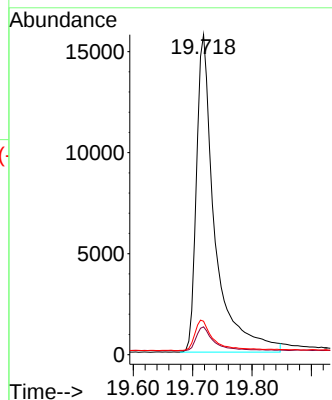
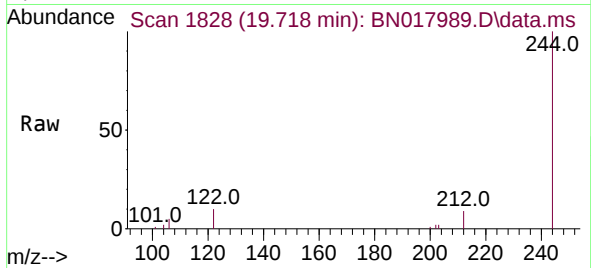




#31
 Terphenyl-d14
 Concen: 0.094 ng
 RT: 19.718 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BN017989.D
 Acq: 14 Dec 2021 04:24

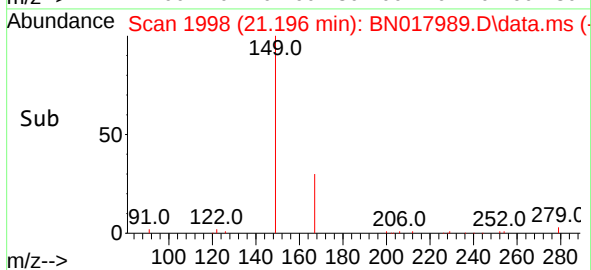
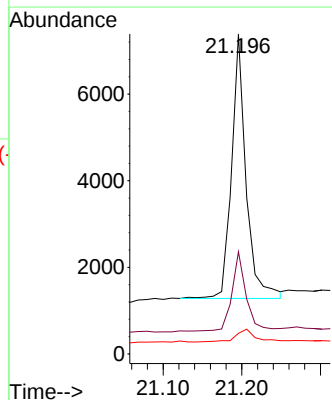
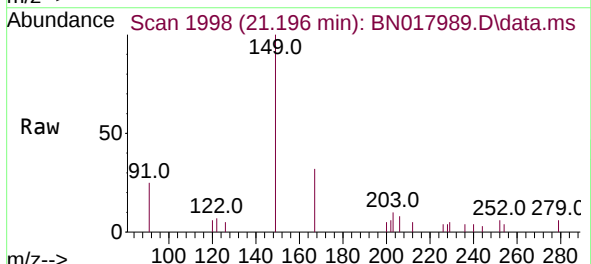
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202DL

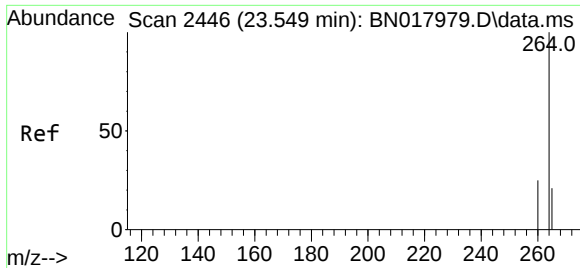
Tgt Ion:244 Resp: 33836
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.2 9.2
 122 10.4 7.9 11.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017989.D
 Acq: 14 Dec 2021 04:24

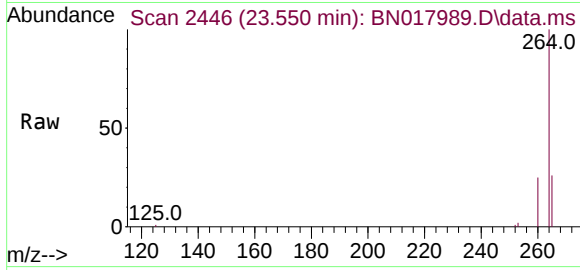
Tgt Ion:149 Resp: 7816
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.7 35.5
 279 6.5 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.550 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN017989.D
 Acq: 14 Dec 2021 04:24

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202DL



Tgt Ion:264 Resp: 174025

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	25.9	18.2	27.2

