

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017991.D
 Acq On : 14 Dec 2021 05:36
 Operator : CG/JU
 Sample : M4957-07DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206DL

Quant Time: Dec 14 06:10:59 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)

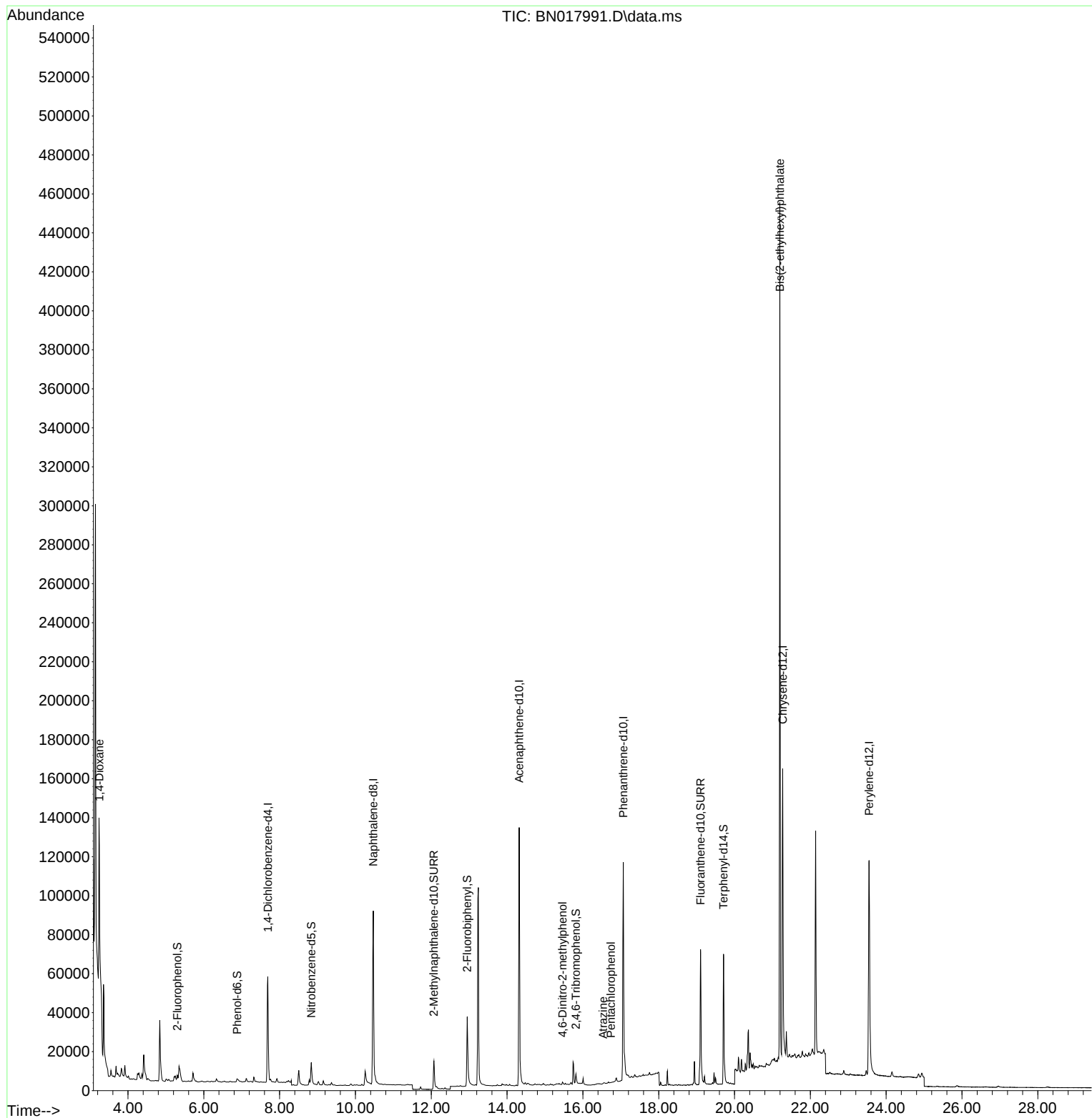
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	33059	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	133590	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	85464	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	179592	0.400	ng	0.00
29) Chrysene-d12	21.270	240	183325	0.400	ng	0.00
35) Perylene-d12	23.549	264	183481	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	3778	0.053	ng	0.00
5) Phenol-d6	6.877	99	1841	0.026	ng	0.00
8) Nitrobenzene-d5	8.835	82	13040	0.138	ng	0.00
11) 2-Methylnaphthalene-d10	12.069	152	26492	0.120	ng	0.00
14) 2,4,6-Tribromophenol	15.816	330	4981	0.281	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	40440	0.136	ng	0.00
27) Fluoranthene-d10	19.102	212	97613	0.163	ng	0.00
31) Terphenyl-d14	19.708	244	81249	0.213	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.244	88	63753	3.094	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.461	198	19	0.209	ng	# 1
23) Atrazine	16.531	200	62	0.081	ng	# 2
24) Pentachlorophenol	16.738	266	91	0.245	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.195	149	360290	1.331	ng	99

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

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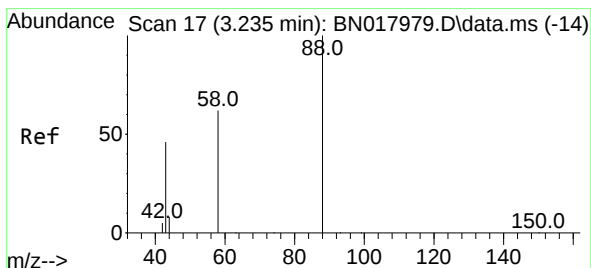
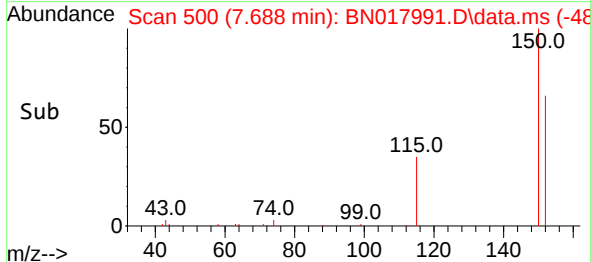
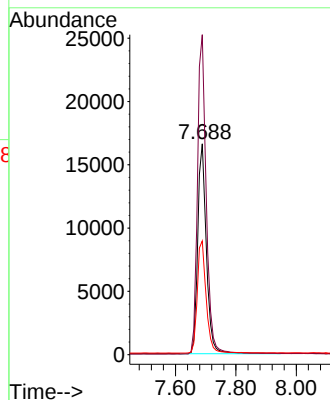
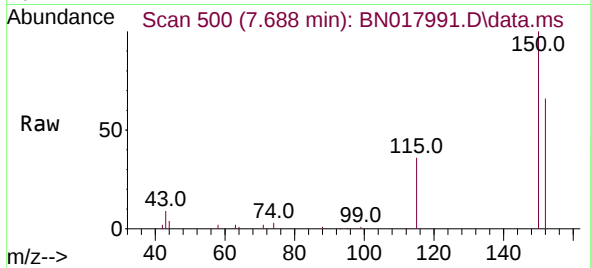




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN017991.D
 Acq: 14 Dec 2021 05:36

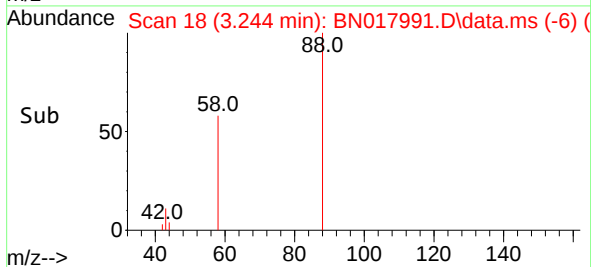
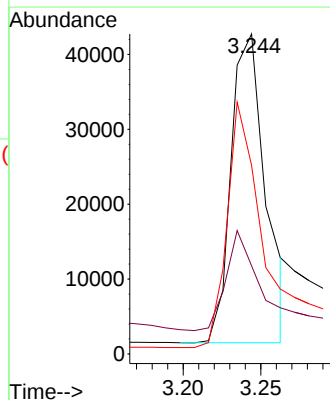
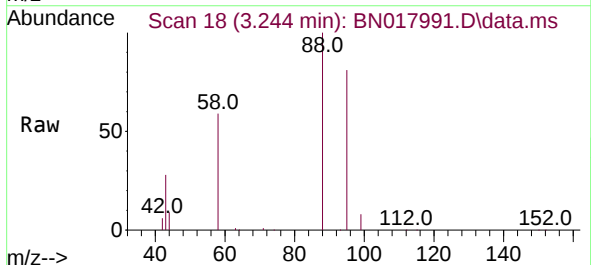
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206DL

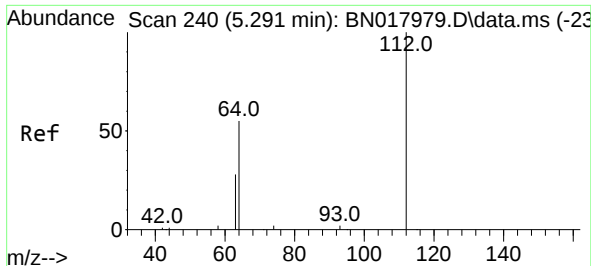
Tgt Ion:152 Resp: 33059
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.7 182.5
 115 54.0 43.8 65.8



#2
 1,4-Dioxane
 Concen: 3.094 ng
 RT: 3.244 min Scan# 18
 Delta R.T. 0.009 min
 Lab File: BN017991.D
 Acq: 14 Dec 2021 05:36

Tgt Ion: 88 Resp: 63753
 Ion Ratio Lower Upper
 88 100
 43 30.1 69.7 104.5#
 58 75.2 83.8 125.8#

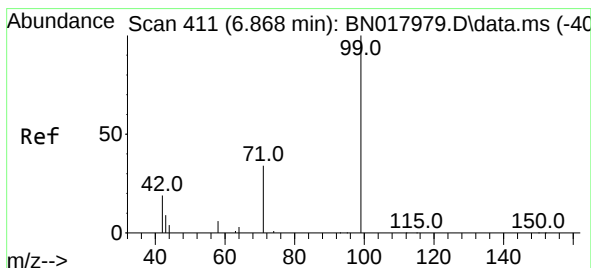
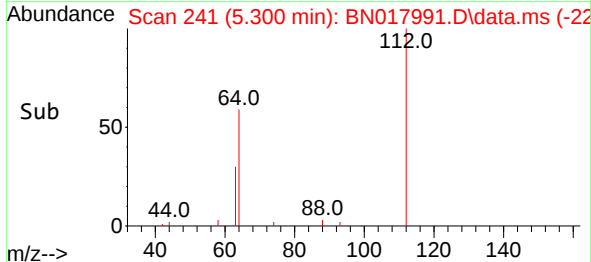
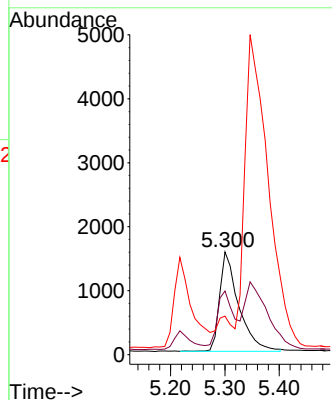
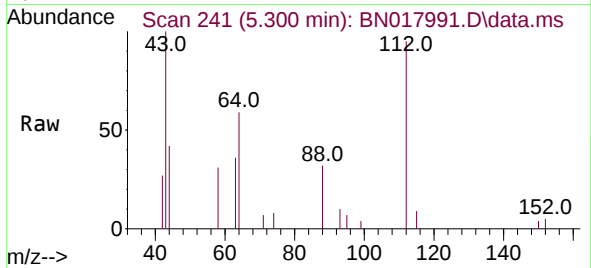




#4
2-Fluorophenol
Concen: 0.053 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.009 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

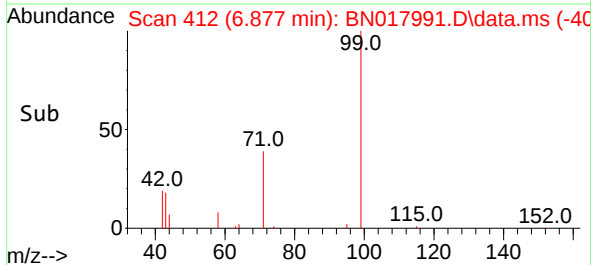
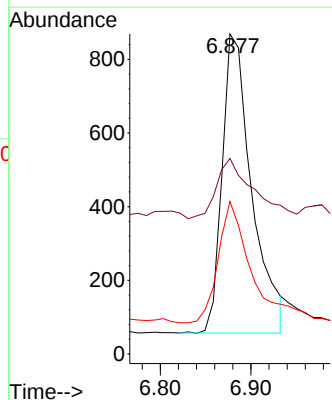
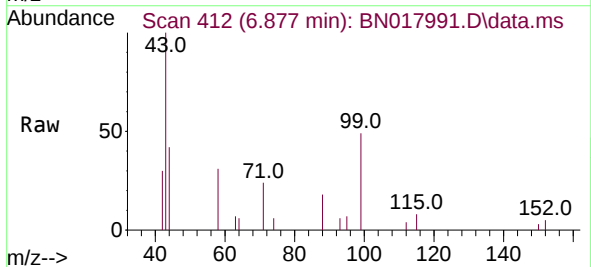
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206DL

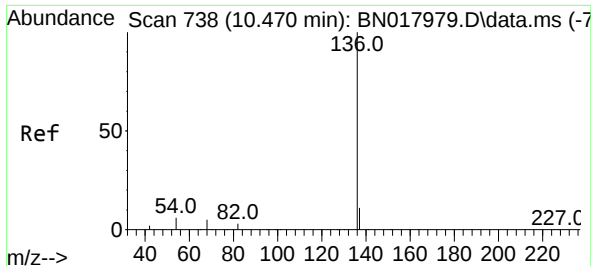
Tgt Ion:112 Resp: 3778
Ion Ratio Lower Upper
112 100
64 47.4 48.0 72.0#
63 10.1 25.3 37.9#



#5
Phenol-d6
Concen: 0.026 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

Tgt Ion: 99 Resp: 1841
Ion Ratio Lower Upper
99 100
42 24.2 16.3 24.5
71 42.5 26.8 40.2#

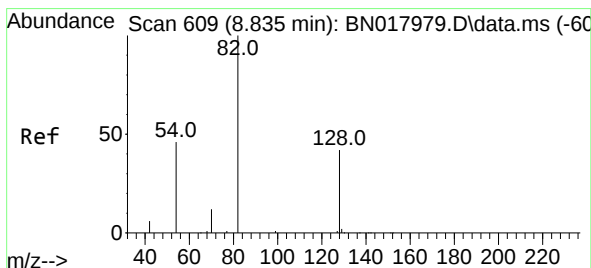
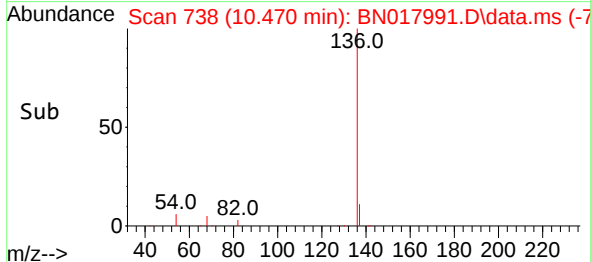
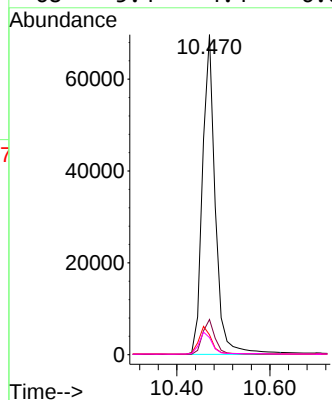
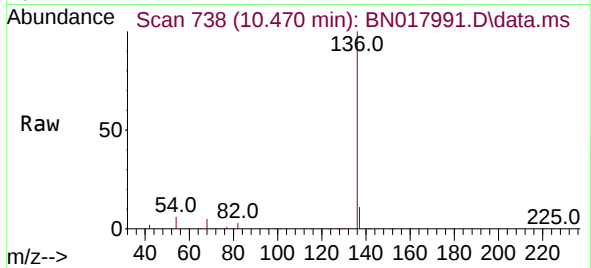




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

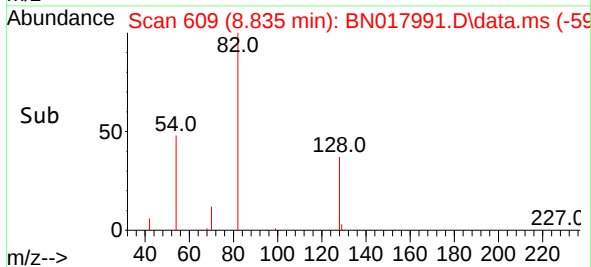
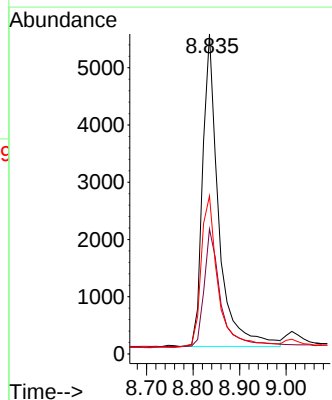
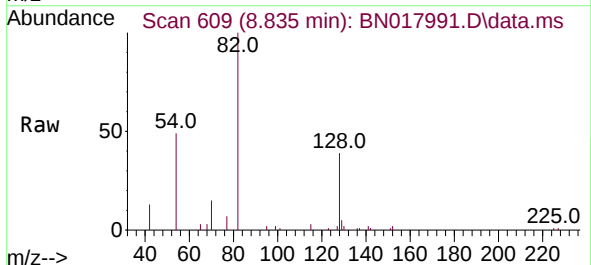
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206DL

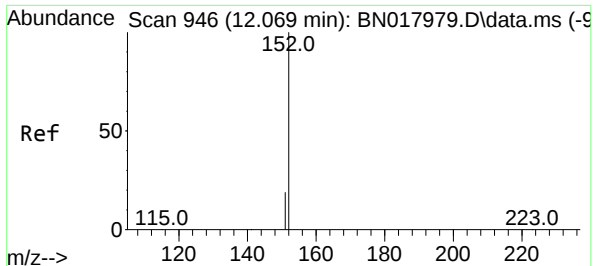
Tgt Ion:	136	Resp:	133590
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.2	5.0	7.6
68	5.4	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.138 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

Tgt Ion:	82	Resp:	13040
Ion Ratio	Lower	Upper	
82	100		
128	39.1	33.7	50.5
54	49.4	36.6	55.0

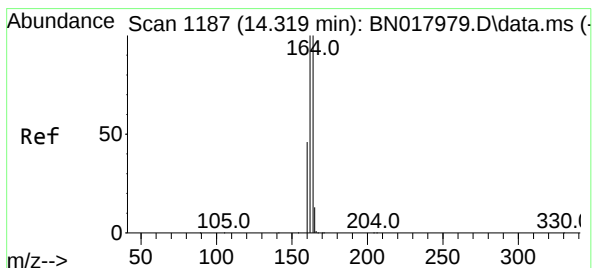
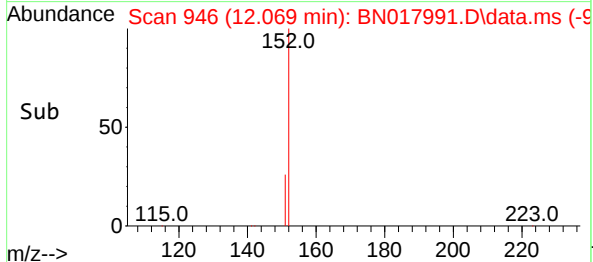
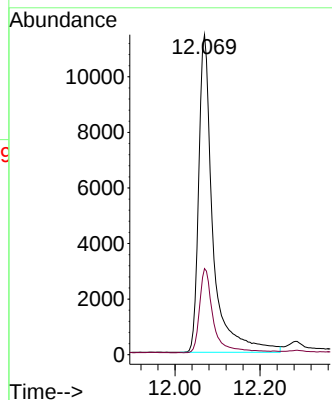
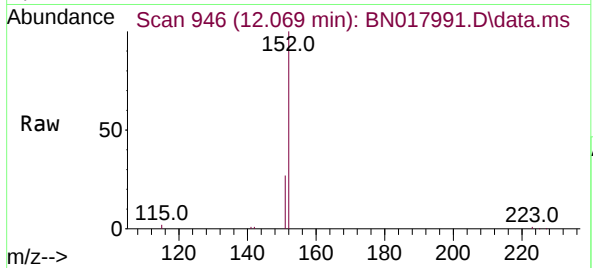




#11
2-Methylnaphthalene-d10
Concen: 0.120 ng
RT: 12.069 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

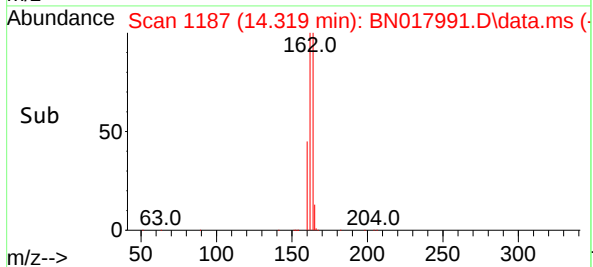
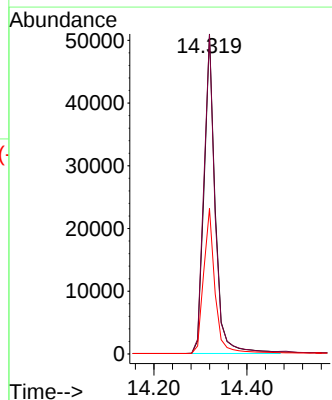
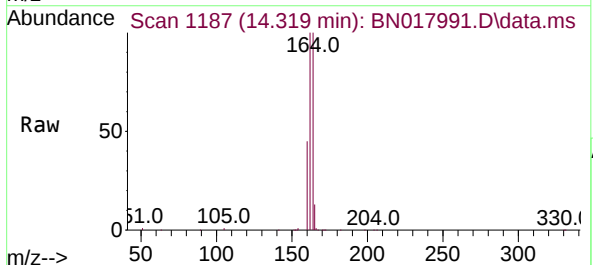
Instrument :
BNA_N
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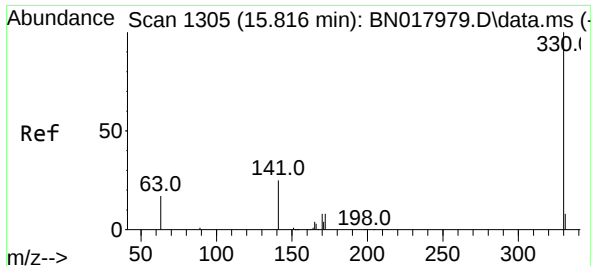
Tgt Ion:152 Resp: 26492
Ion Ratio Lower Upper
152 100
151 26.0 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

Tgt Ion:164 Resp: 85464
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 45.5 36.9 55.3

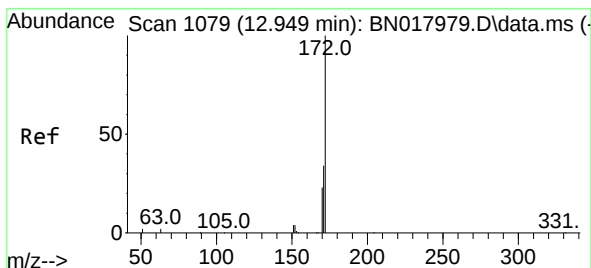
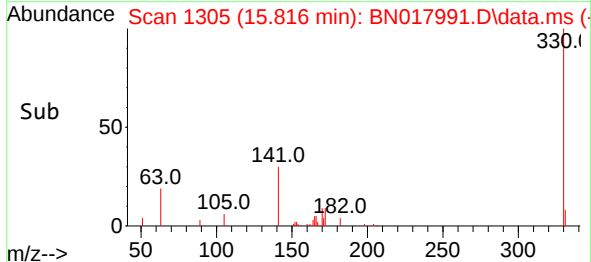
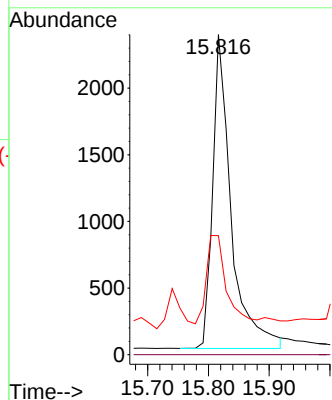
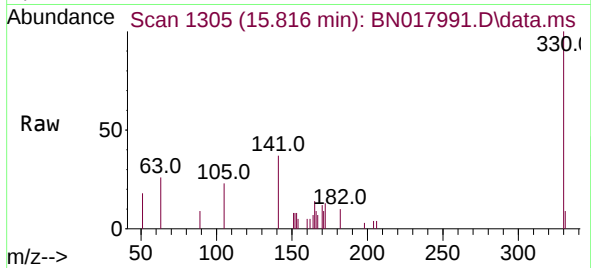




#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.816 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

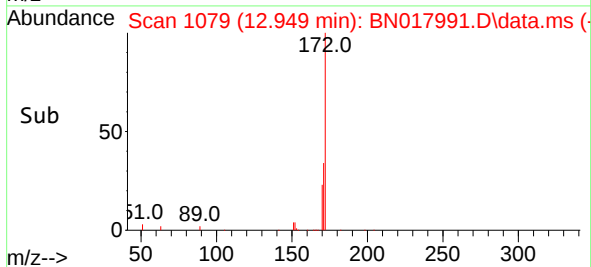
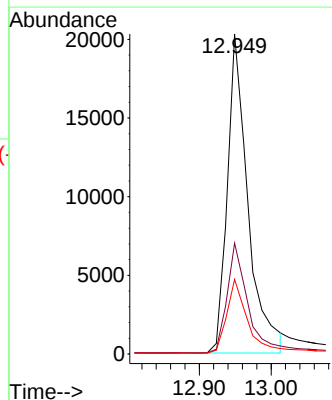
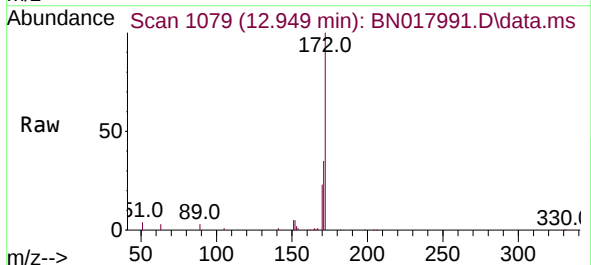
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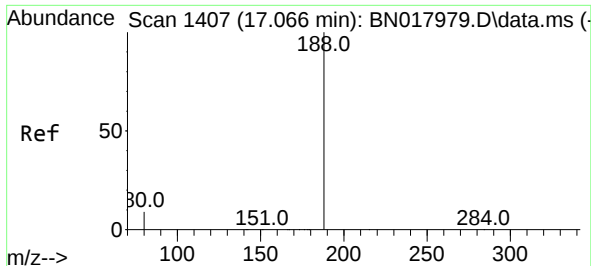
Tgt Ion:330 Resp: 4981
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.136 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

Tgt Ion:172 Resp: 40440
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.3 18.4 27.6

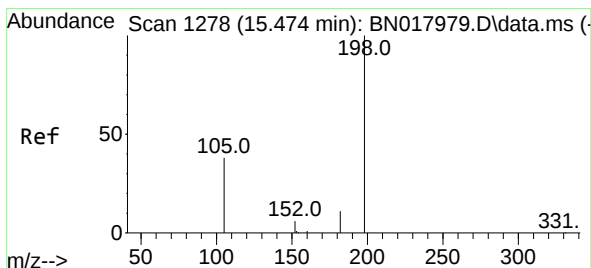
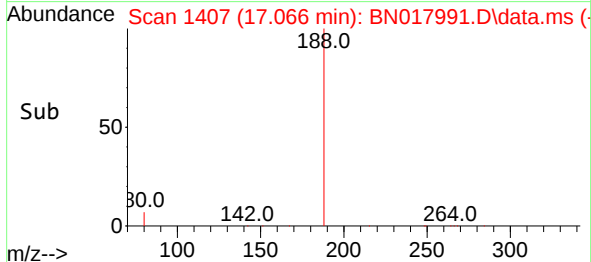
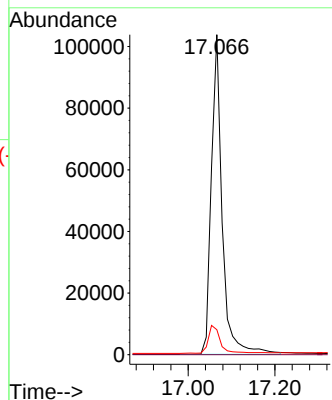
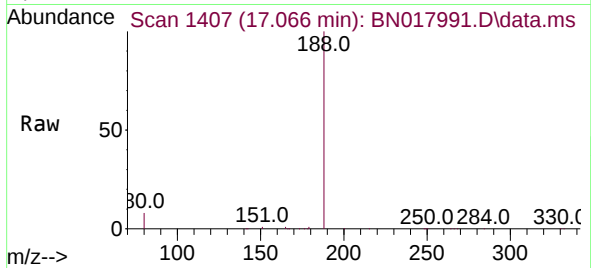




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

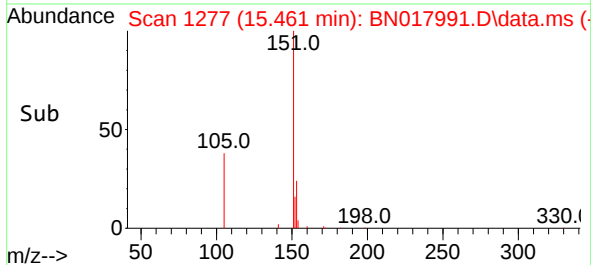
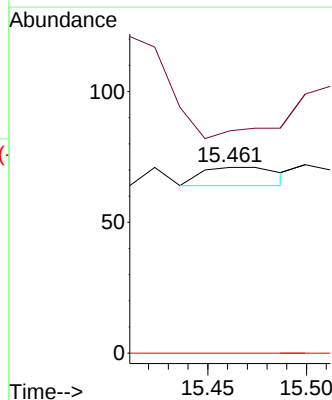
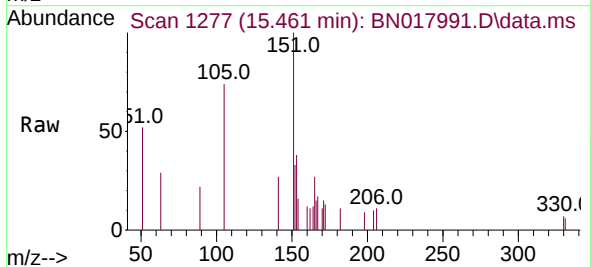
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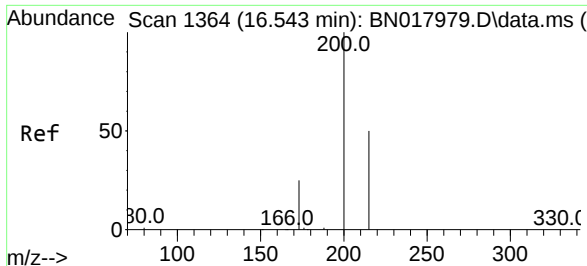
Tgt Ion:188 Resp: 179592
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.461 min Scan# 1277
Delta R.T. -0.013 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
182 119.7 15.5 23.3#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.081 ng

RT: 16.531 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN017991.D

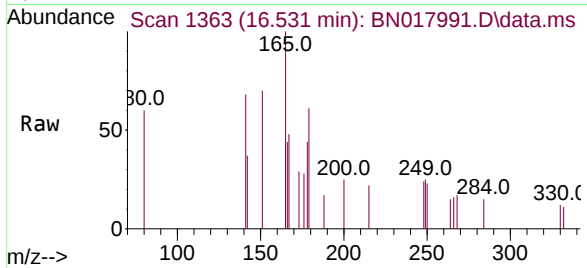
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Instrument :

BNA_N

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RE125D1-20211206DL



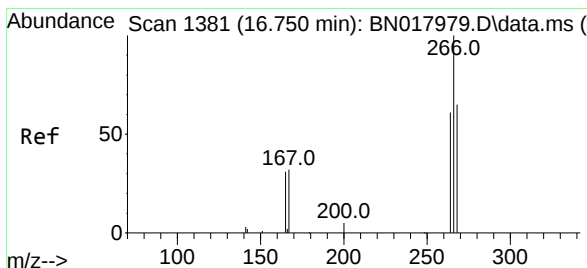
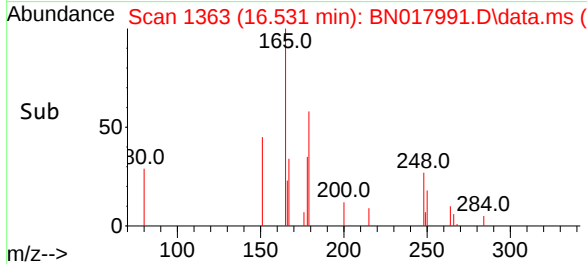
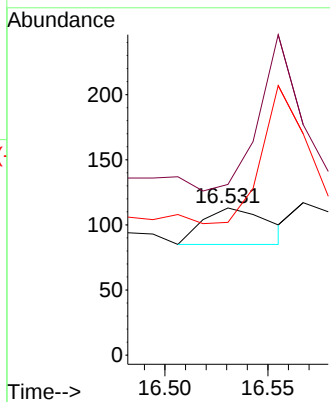
Tgt Ion:200 Resp: 62

Ion Ratio Lower Upper

200 100

173 115.9 20.3 30.5#

215 90.3 40.4 60.6#



#24

Pentachlorophenol

Concen: 0.245 ng

RT: 16.738 min Scan# 1380

Delta R.T. -0.012 min

Lab File: BN017991.D

Acq: 14 Dec 2021 05:36

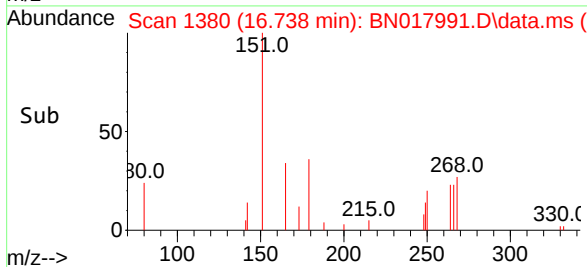
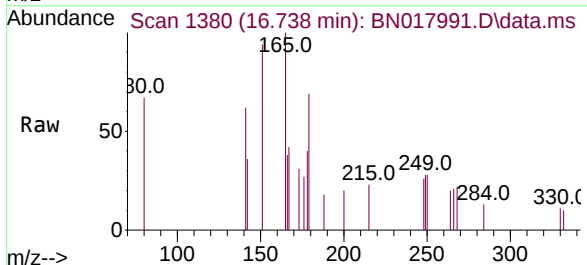
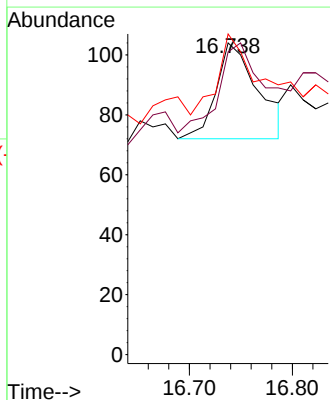
Tgt Ion:266 Resp: 91

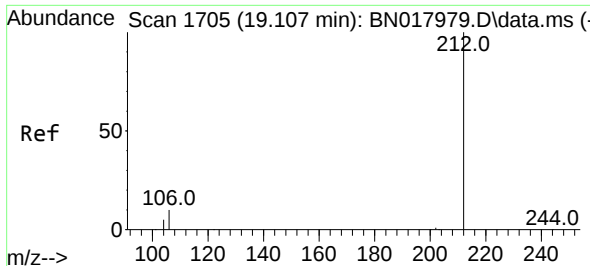
Ion Ratio Lower Upper

266 100

264 111.0 49.5 74.3#

268 114.3 50.6 76.0#

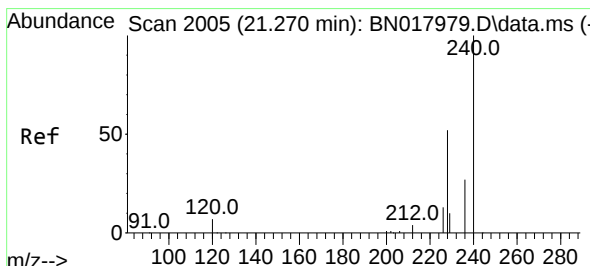
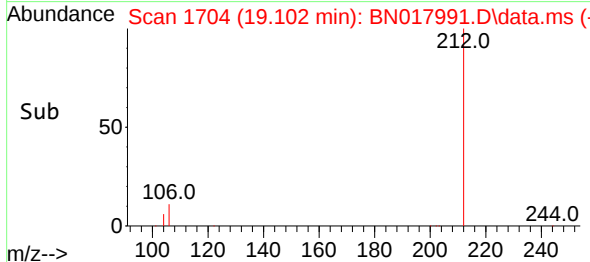
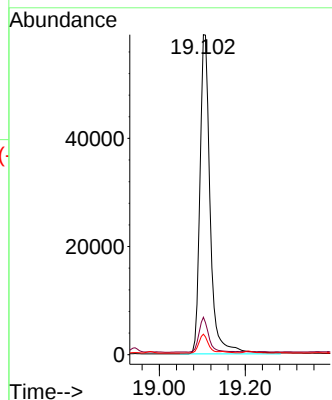
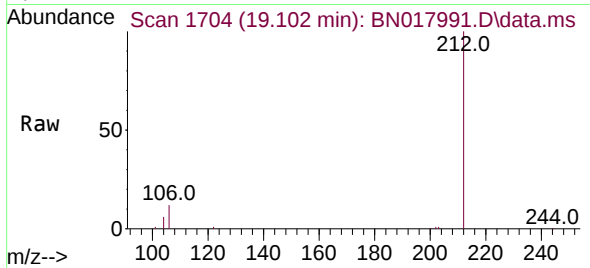




#27
Fluoranthene-d10
Concen: 0.163 ng
RT: 19.102 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

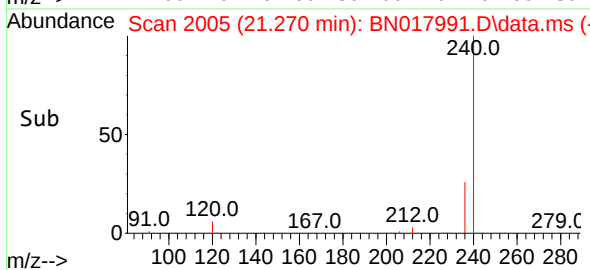
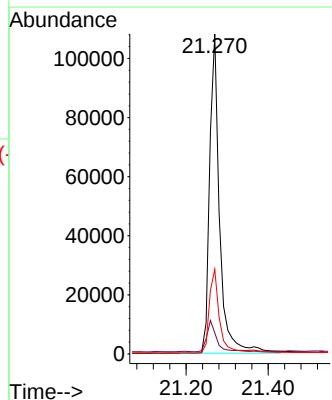
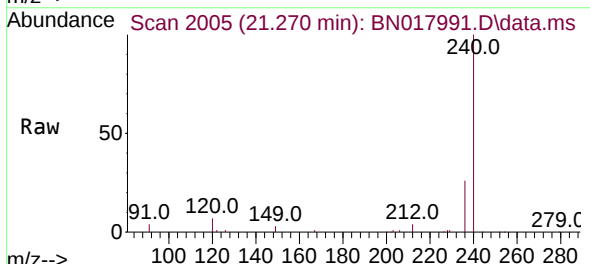
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206DL

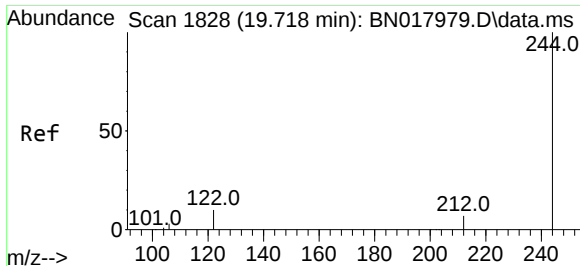
Tgt Ion:212 Resp: 97613
Ion Ratio Lower Upper
212 100
106 10.3 8.4 12.6
104 5.5 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017991.D
Acq: 14 Dec 2021 05:36

Tgt Ion:240 Resp: 183325
Ion Ratio Lower Upper
240 100
120 6.6 6.0 9.0
236 26.4 21.4 32.2

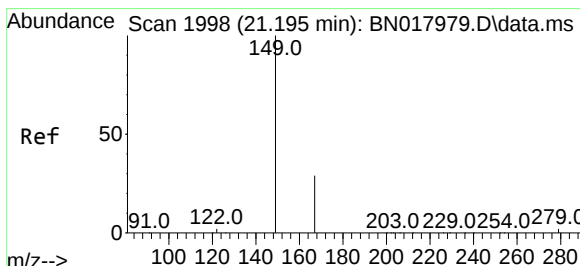
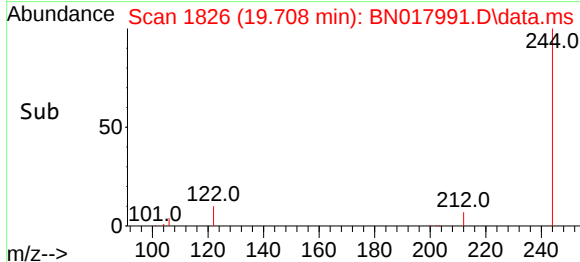
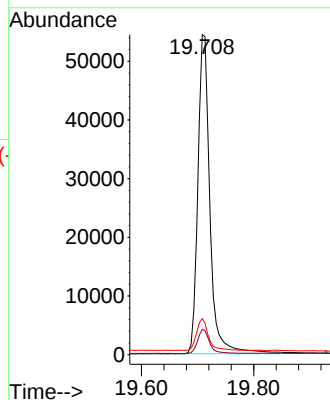
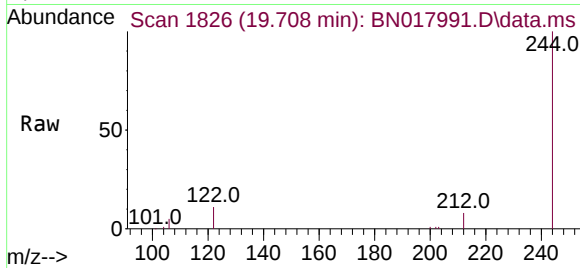




#31
 Terphenyl-d14
 Concen: 0.213 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.010 min
 Lab File: BN017991.D
 Acq: 14 Dec 2021 05:36

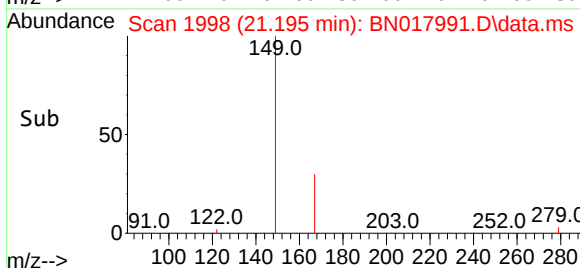
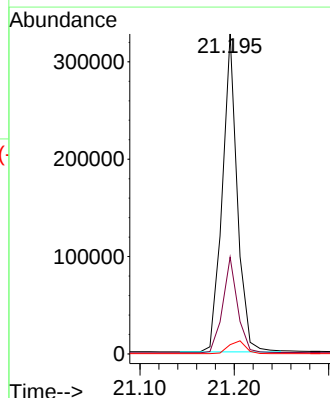
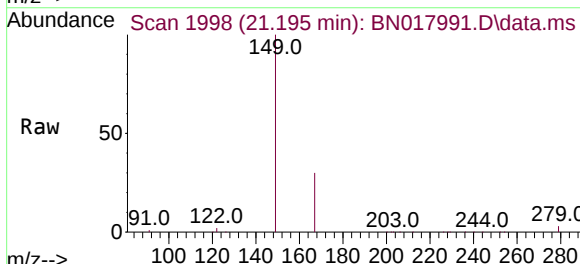
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206DL

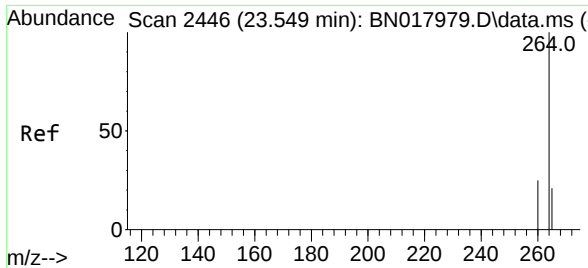
Tgt Ion:244 Resp: 81249
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 11.3 7.9 11.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.331 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017991.D
 Acq: 14 Dec 2021 05:36

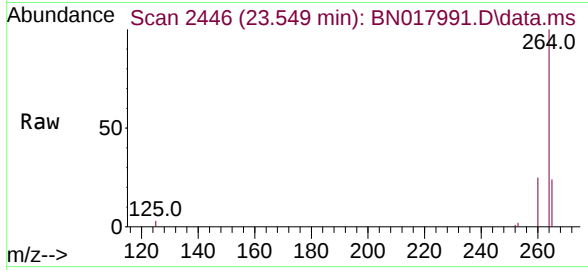
Tgt Ion:149 Resp: 360290
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.7 35.5
 279 4.6 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.549 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN017991.D
 Acq: 14 Dec 2021 05:36

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206DL



Tgt Ion:264 Resp: 183481

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	24.4	18.2	27.2

