

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017990.D
 Acq On : 14 Dec 2021 05:00
 Operator : CG/JU
 Sample : M4988-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20211206DL

Quant Time: Dec 14 05:31:44 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)

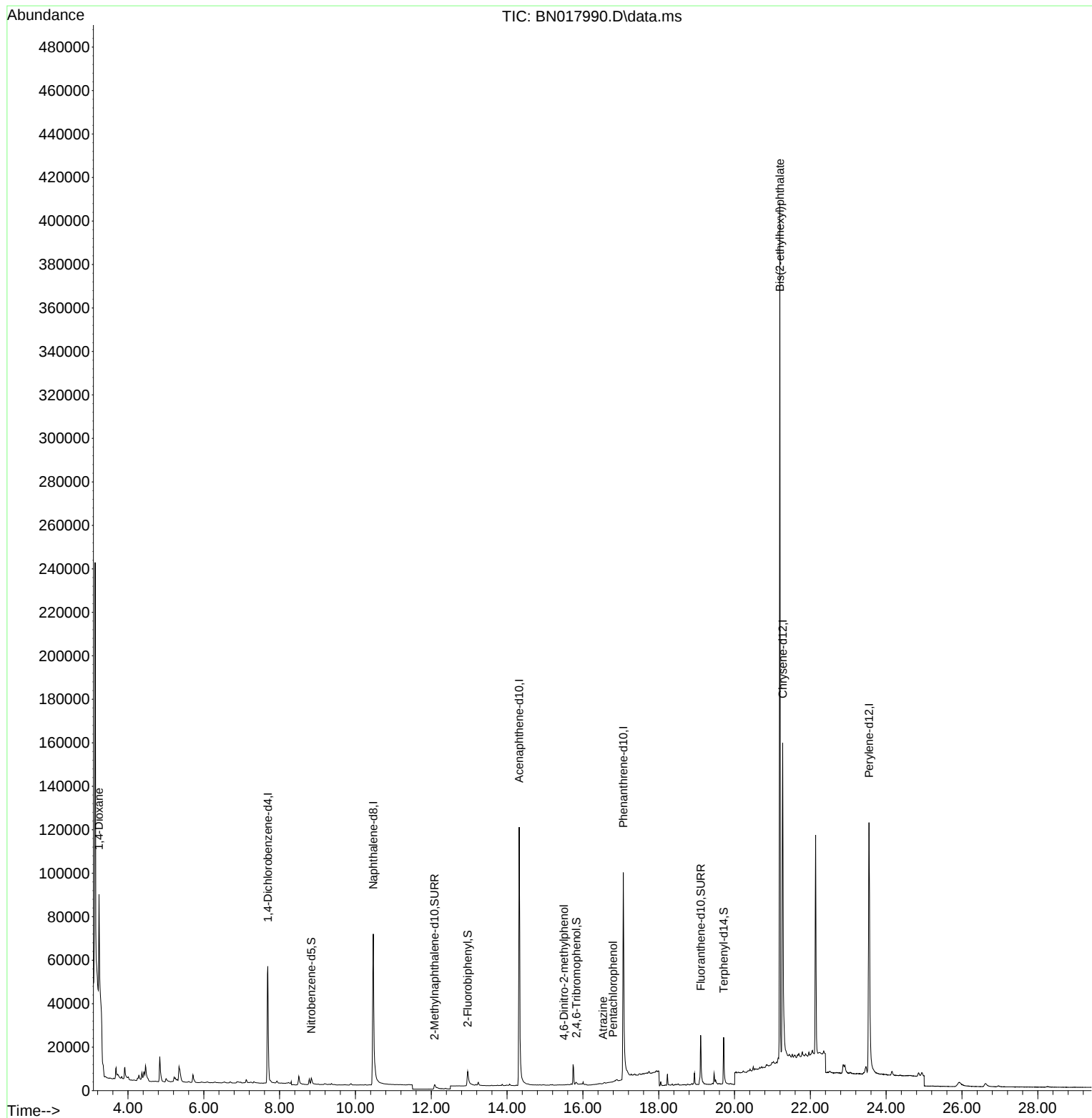
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	34583	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	126621	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	86562	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	177931	0.400	ng	0.00
29) Chrysene-d12	21.270	240	189193	0.400	ng	0.00
35) Perylene-d12	23.546	264	193800	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1398	0.019	ng	0.00
5) Phenol-d6	6.877	99	646	0.009	ng	0.00
8) Nitrobenzene-d5	8.835	82	3696	0.041	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	6936	0.033	ng	0.02
14) 2,4,6-Tribromophenol	15.829	330	1078	0.208	ng	0.01
15) 2-Fluorobiphenyl	12.962	172	10015	0.033	ng	0.01
27) Fluoranthene-d10	19.108	212	34251	0.058	ng	0.00
31) Terphenyl-d14	19.713	244	29780	0.076	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.235	88	33887	1.572	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.499	198	20	0.209	ng	# 1
23) Atrazine	16.531	200	45	0.081	ng	# 1
24) Pentachlorophenol	16.798	266	45	0.244	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.196	149	331712	1.187	ng	100

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

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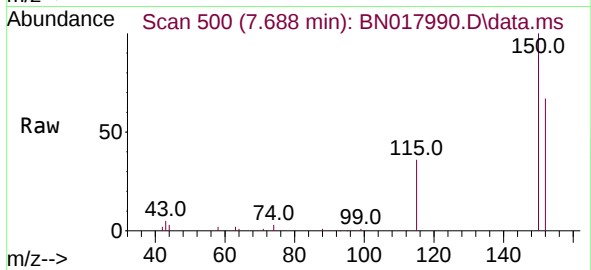
Quant Time: Dec 14 05:31:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
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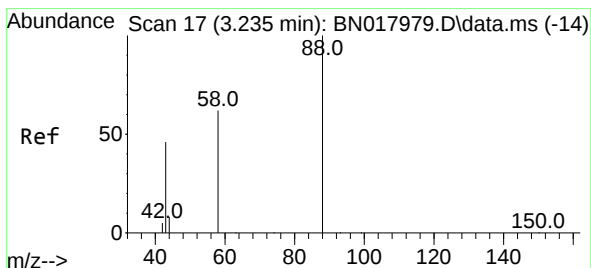
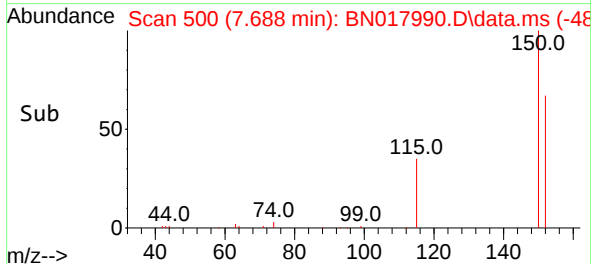
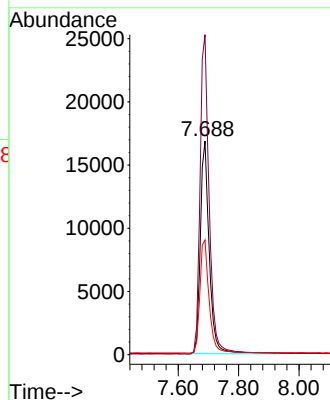


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN017990.D
 Acq: 14 Dec 2021 05:00

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20211206DL

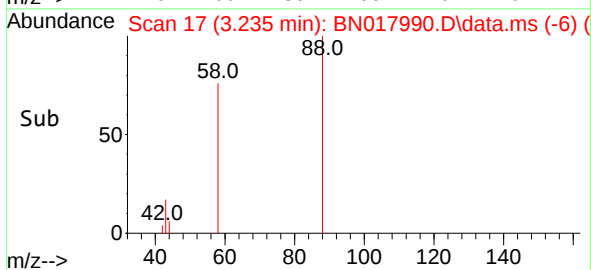
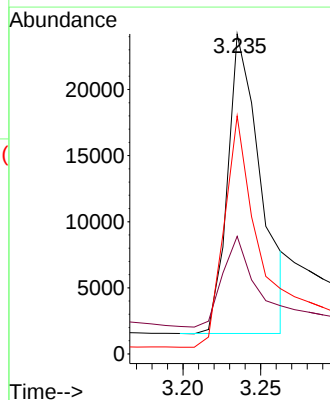
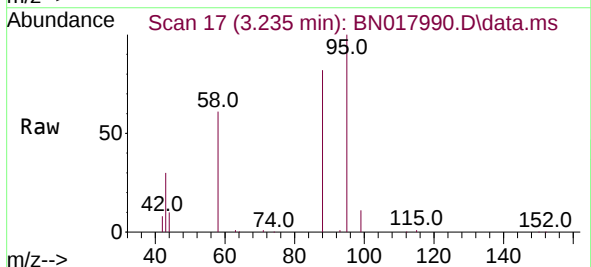


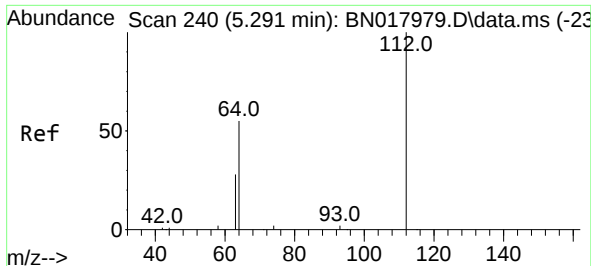
Tgt Ion:152 Resp: 34583
 Ion Ratio Lower Upper
 152 100
 150 149.8 121.7 182.5
 115 53.7 43.8 65.8



#2
 1,4-Dioxane
 Concen: 1.572 ng
 RT: 3.235 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN017990.D
 Acq: 14 Dec 2021 05:00

Tgt Ion: 88 Resp: 33887
 Ion Ratio Lower Upper
 88 100
 43 30.4 69.7 104.5#
 58 75.9 83.8 125.8#

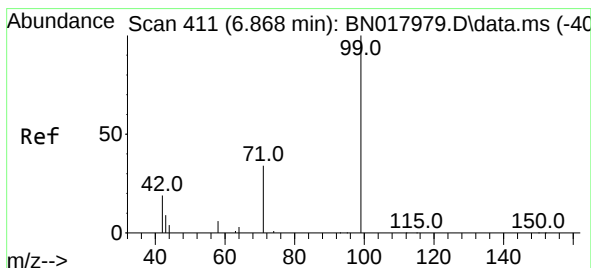
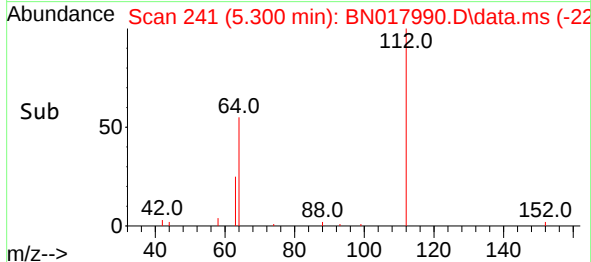
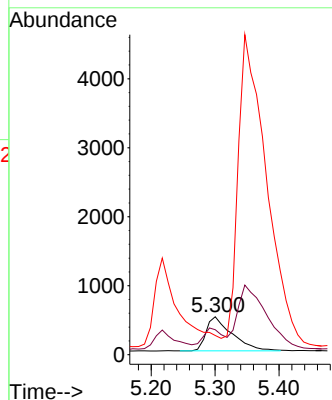
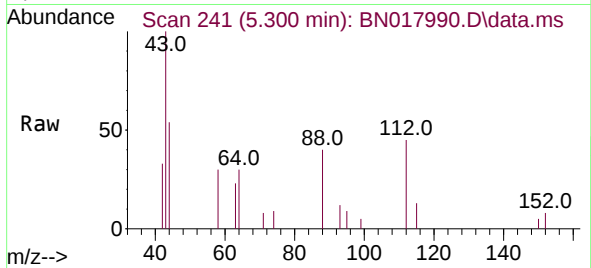




#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.009 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

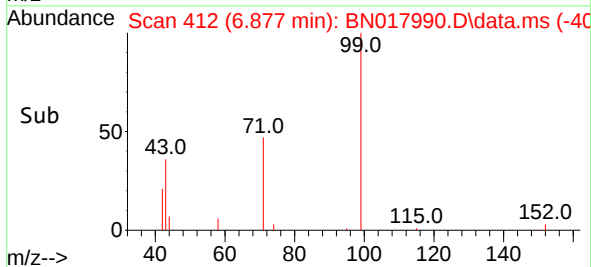
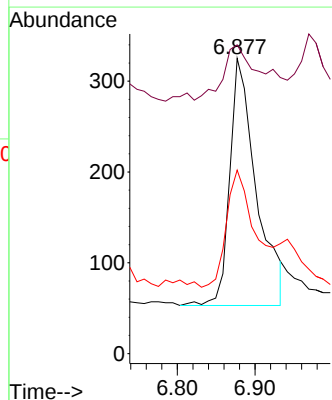
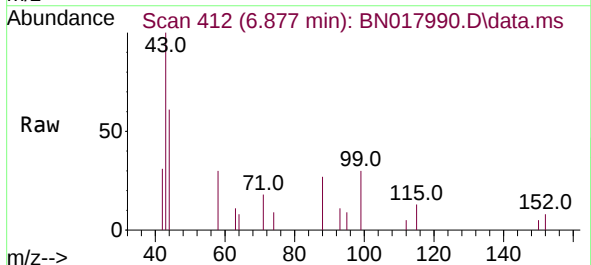
Instrument :
BNA_N
ClientSampleId :
RE125D2-20211206DL

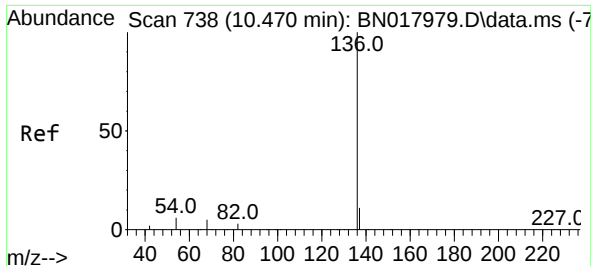
Tgt Ion:112 Resp: 1398
Ion Ratio Lower Upper
112 100
64 34.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

Tgt Ion: 99 Resp: 646
Ion Ratio Lower Upper
99 100
42 31.6 16.3 24.5#
71 51.4 26.8 40.2#

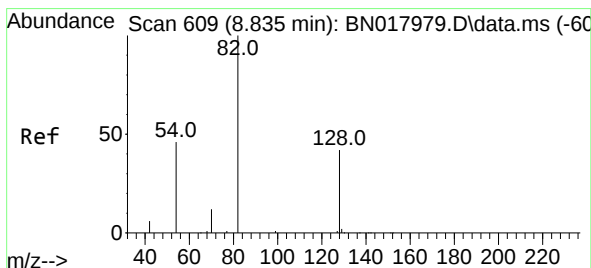
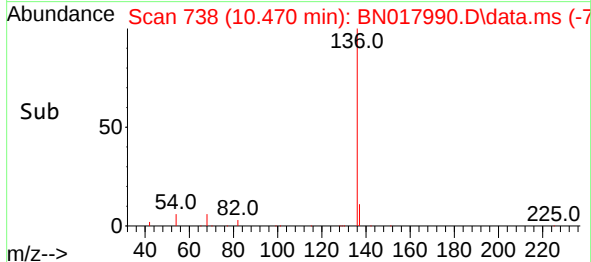
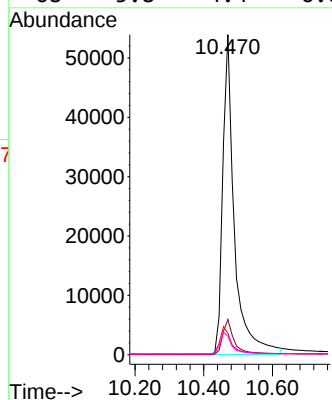
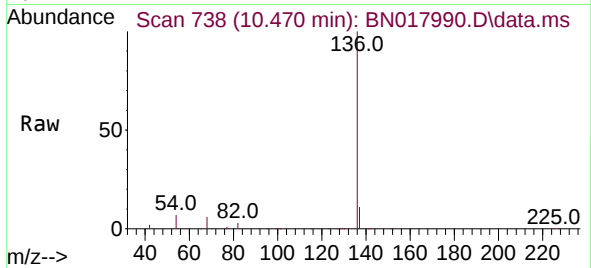




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

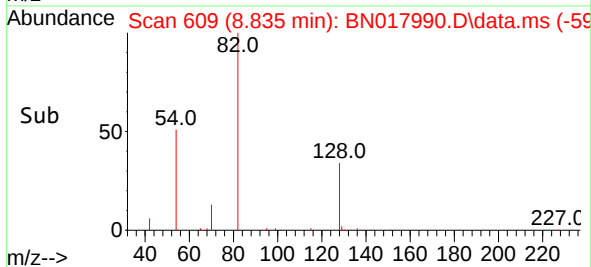
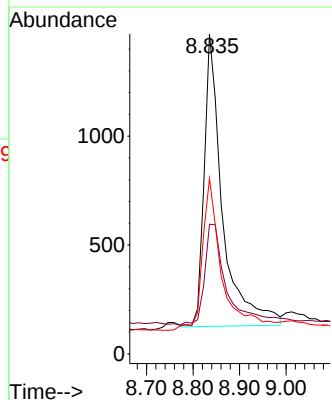
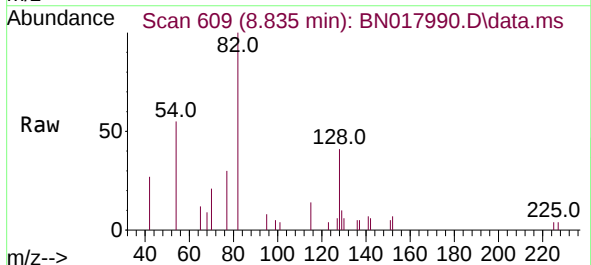
Instrument :
BNA_N
ClientSampleId :
RE125D2-20211206DL

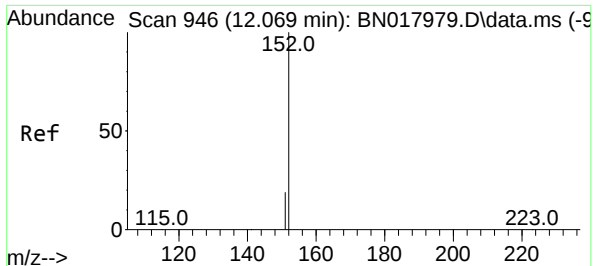
Tgt Ion:	136	Resp:	126621
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.7	5.0	7.6
68	5.8	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.041 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

Tgt Ion:	82	Resp:	3696
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.7	50.5
54	54.8	36.6	55.0





#11

2-Methylnaphthalene-d10

Concen: 0.033 ng

RT: 12.087 min Scan# 946

Delta R.T. 0.018 min

Lab File: BN017990.D

Acq: 14 Dec 2021 05:00

Instrument :

BNA_N

ClientSampleId :

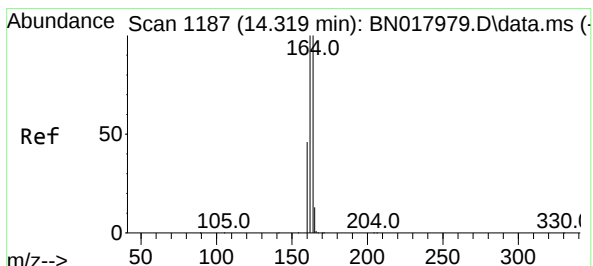
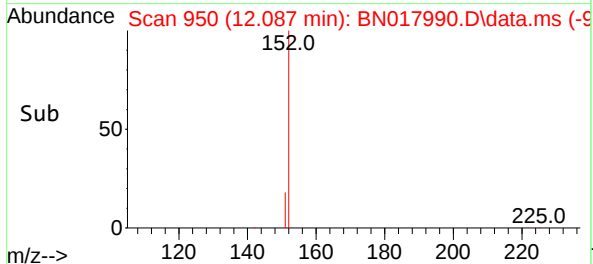
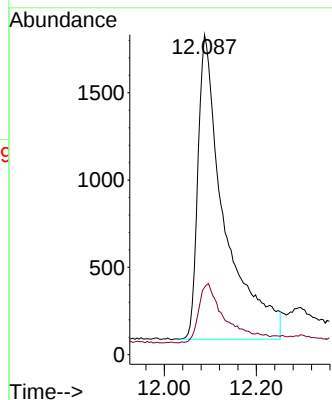
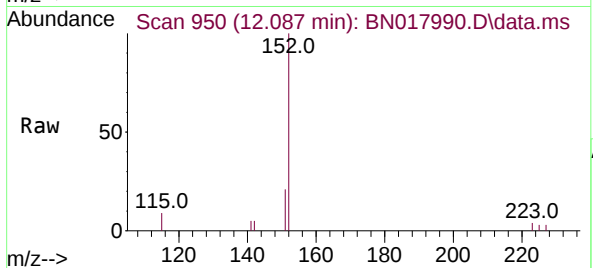
RE125D2-20211206DL

Tgt Ion:152 Resp: 6936

Ion Ratio Lower Upper

152 100

151 18.7 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: BN017990.D

Acq: 14 Dec 2021 05:00

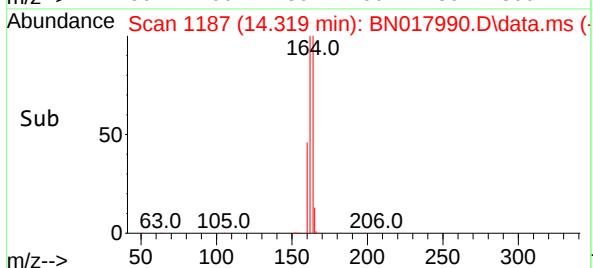
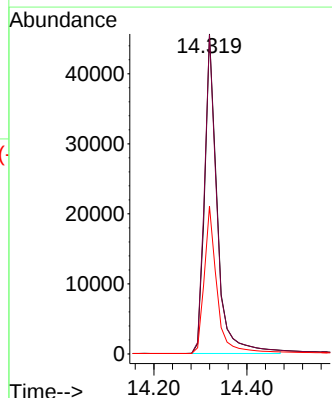
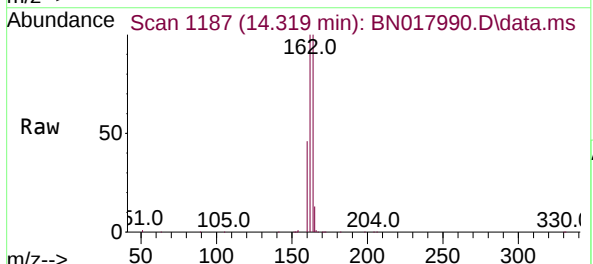
Tgt Ion:164 Resp: 86562

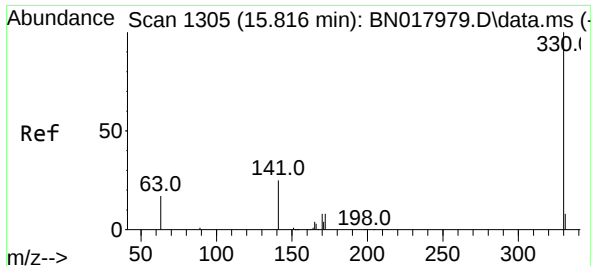
Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

160 46.2 36.9 55.3

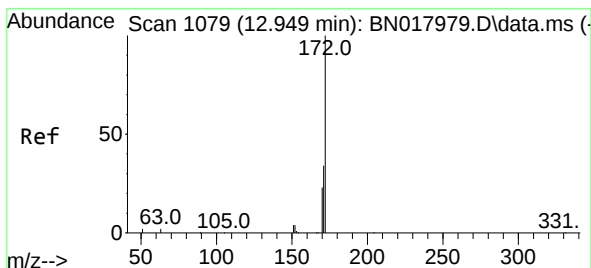
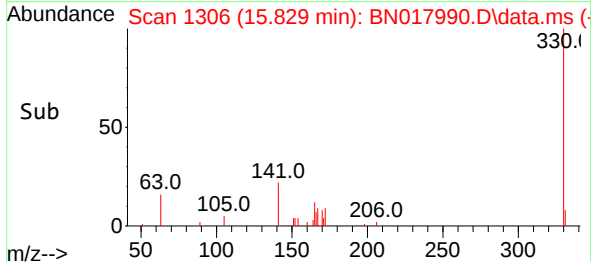
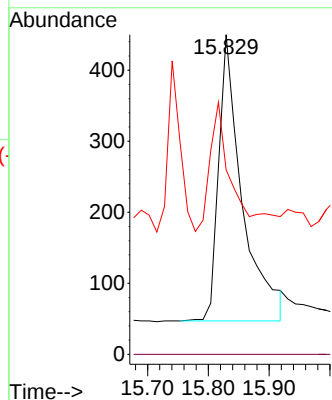
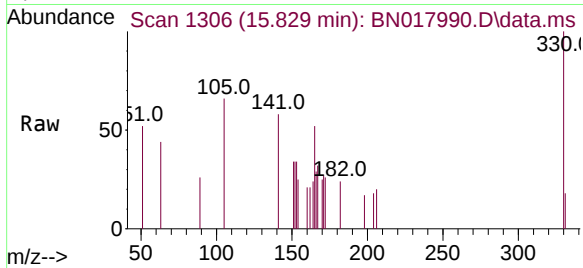




#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.829 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

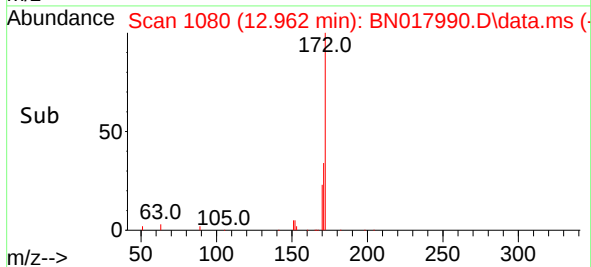
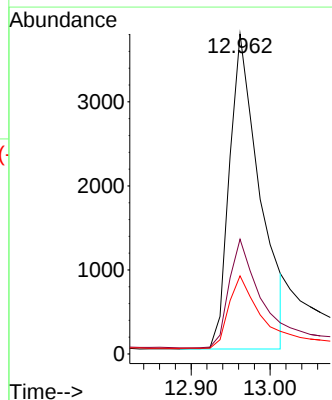
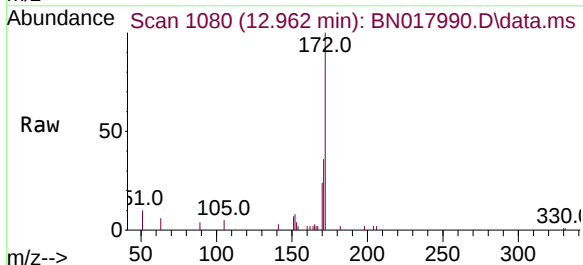
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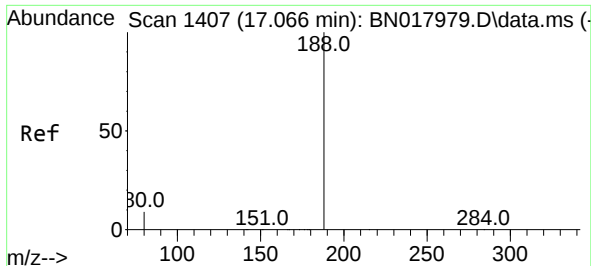
Tgt Ion: 330 Resp: 1078
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.4 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.033 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.013 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

Tgt Ion: 172 Resp: 10015
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.4 18.4 27.6

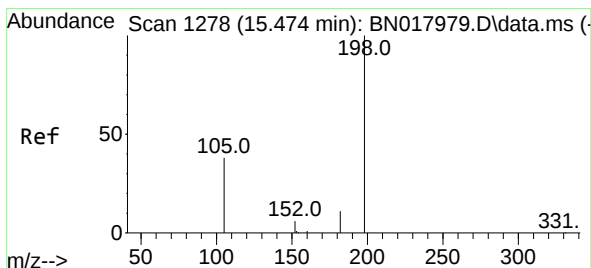
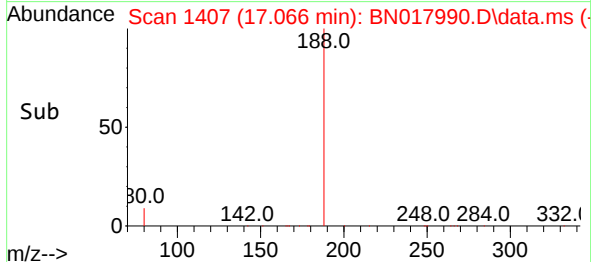
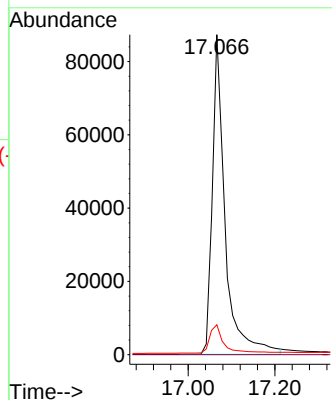
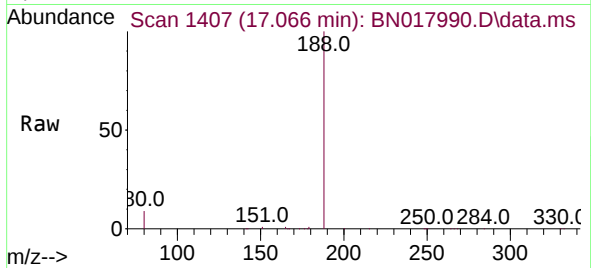




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

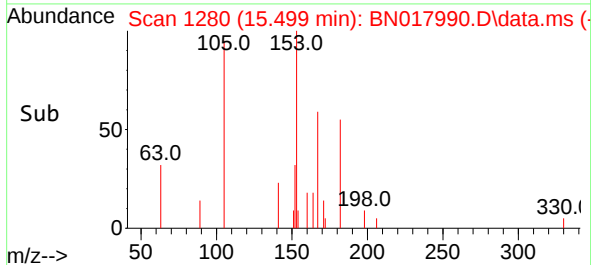
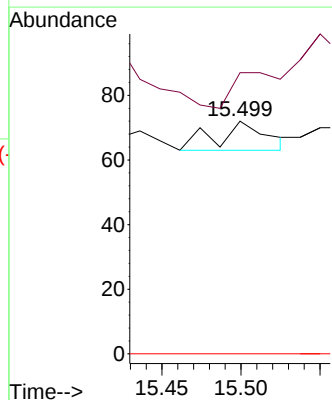
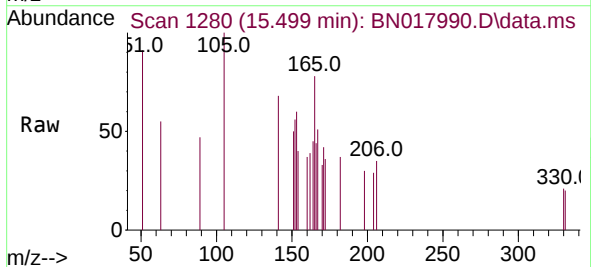
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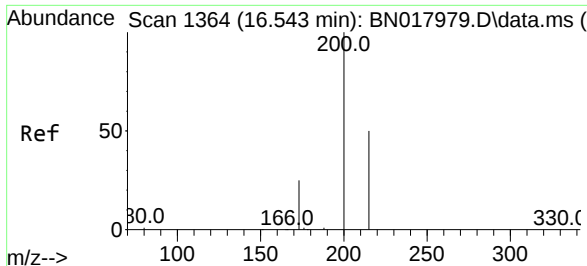
Tgt Ion:188 Resp: 177931
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.499 min Scan# 1280
Delta R.T. 0.025 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
182 120.8 15.5 23.3#
77 0.0 0.0 0.0

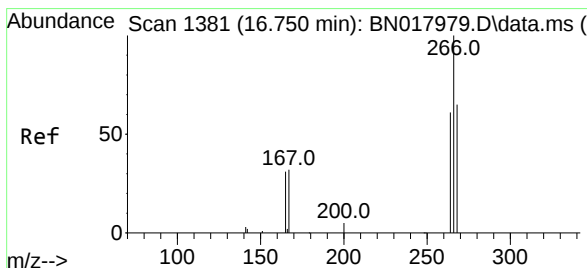
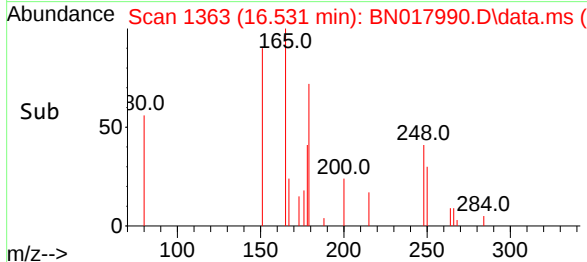
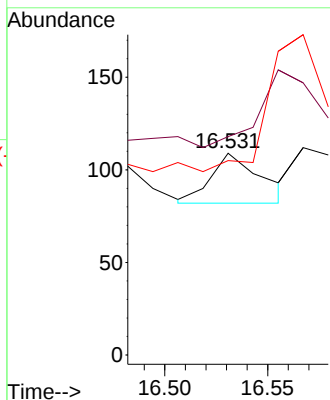
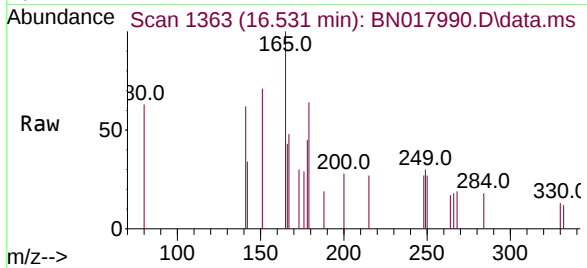




#23
 Atrazine
 Concen: 0.081 ng
 RT: 16.531 min Scan# 1363
 Delta R.T. -0.012 min
 Lab File: BN017990.D
 Acq: 14 Dec 2021 05:00

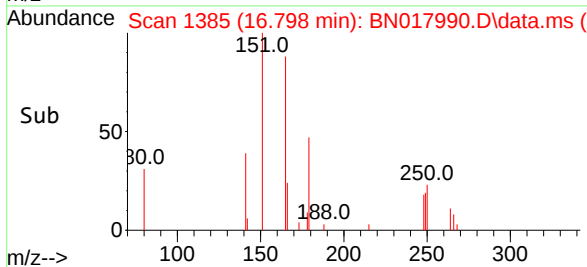
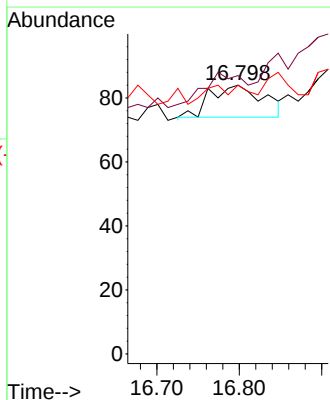
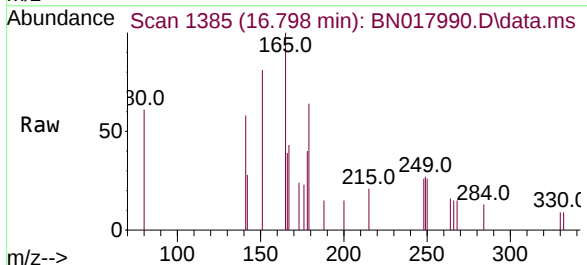
Instrument :
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 RE125D2-20211206DL

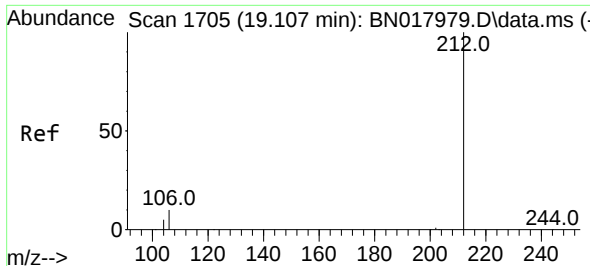
Tgt Ion:200 Resp: 45
 Ion Ratio Lower Upper
 200 100
 173 108.3 20.3 30.5#
 215 96.3 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.244 ng
 RT: 16.798 min Scan# 1385
 Delta R.T. 0.048 min
 Lab File: BN017990.D
 Acq: 14 Dec 2021 05:00

Tgt Ion:266 Resp: 45
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 0.0 50.6 76.0#

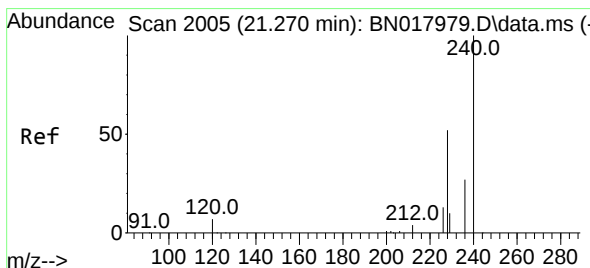
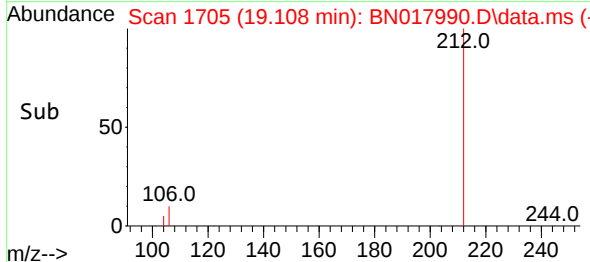
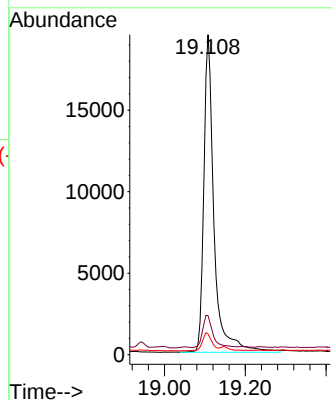
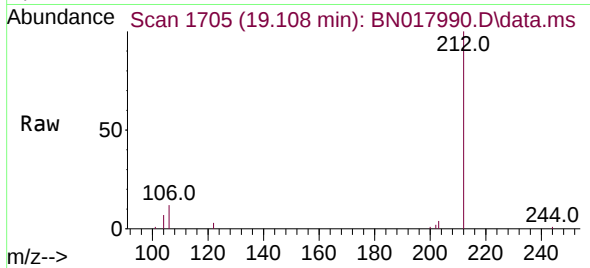




#27
Fluoranthene-d10
Concen: 0.058 ng
RT: 19.108 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

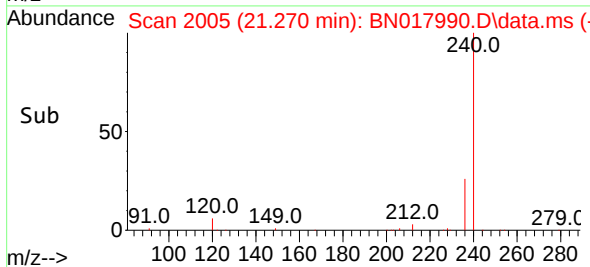
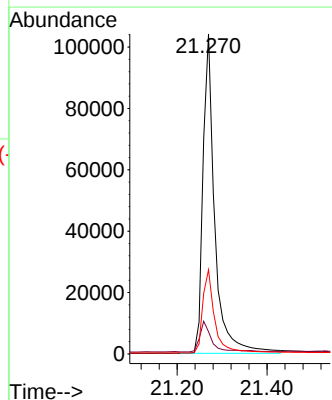
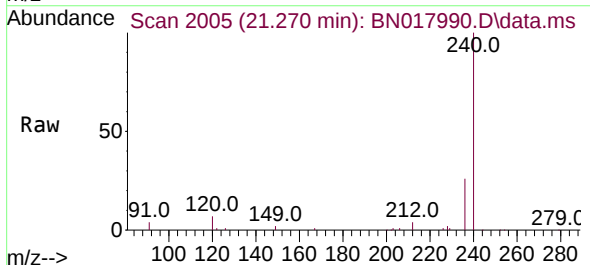
Instrument :
BNA_N
ClientSampleId :
RE125D2-20211206DL

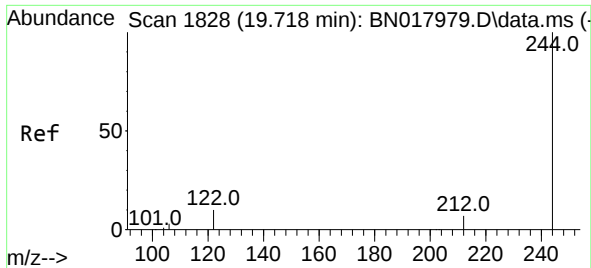
Tgt Ion:212 Resp: 34251
Ion Ratio Lower Upper
212 100
106 10.1 8.4 12.6
104 5.2 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017990.D
Acq: 14 Dec 2021 05:00

Tgt Ion:240 Resp: 189193
Ion Ratio Lower Upper
240 100
120 7.0 6.0 9.0
236 26.3 21.4 32.2

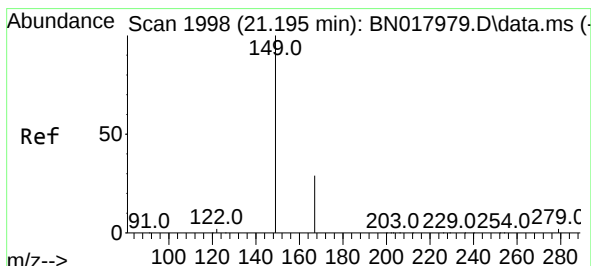
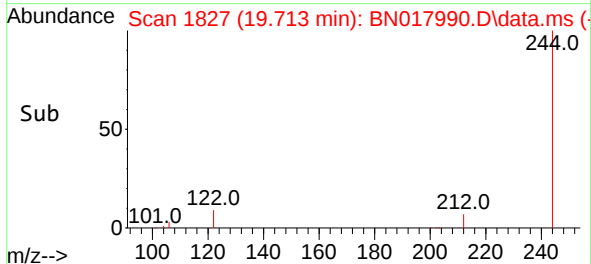
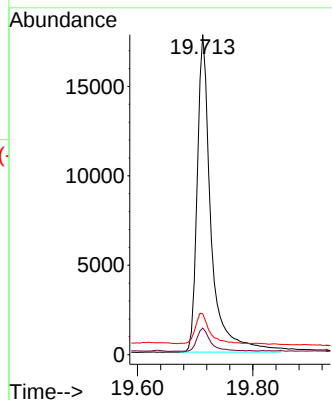
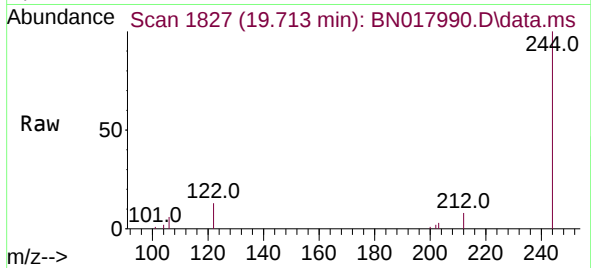




#31
 Terphenyl-d14
 Concen: 0.076 ng
 RT: 19.713 min Scan# 1827
 Delta R.T. -0.005 min
 Lab File: BN017990.D
 Acq: 14 Dec 2021 05:00

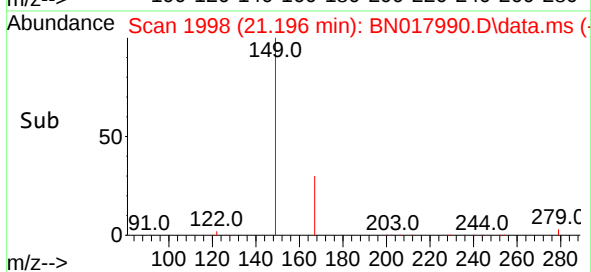
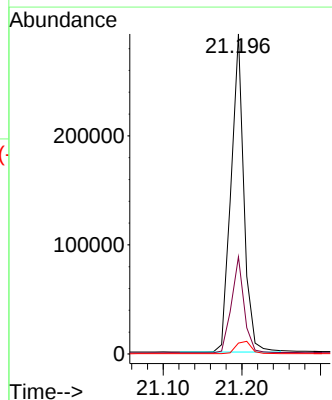
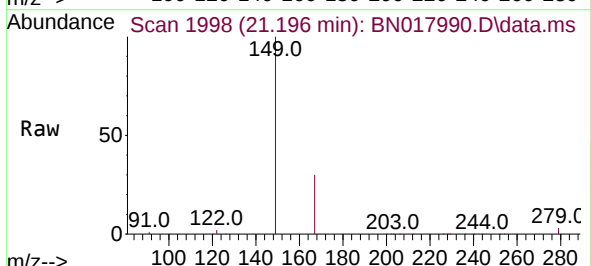
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20211206DL

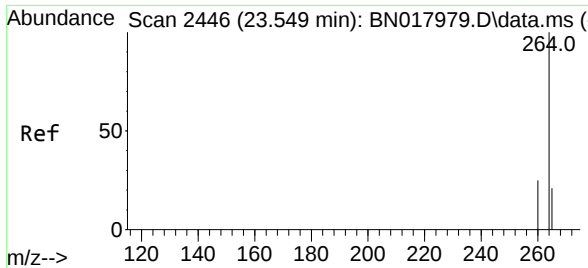
Tgt Ion:244 Resp: 29780
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 12.8 7.9 11.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.187 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017990.D
 Acq: 14 Dec 2021 05:00

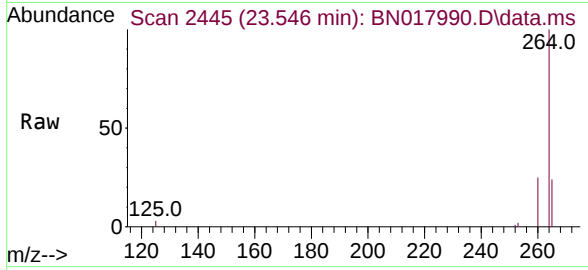
Tgt Ion:149 Resp: 331712
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.7 35.5
 279 4.7 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BN017990.D
 Acq: 14 Dec 2021 05:00

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20211206DL



Tgt Ion:264 Resp: 193800

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	24.3	18.2	27.2

