

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017858.D
 Acq On : 10 Dec 2021 07:07
 Operator : CG/JU
 Sample : M4923-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201

Quant Time: Dec 11 00:34:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

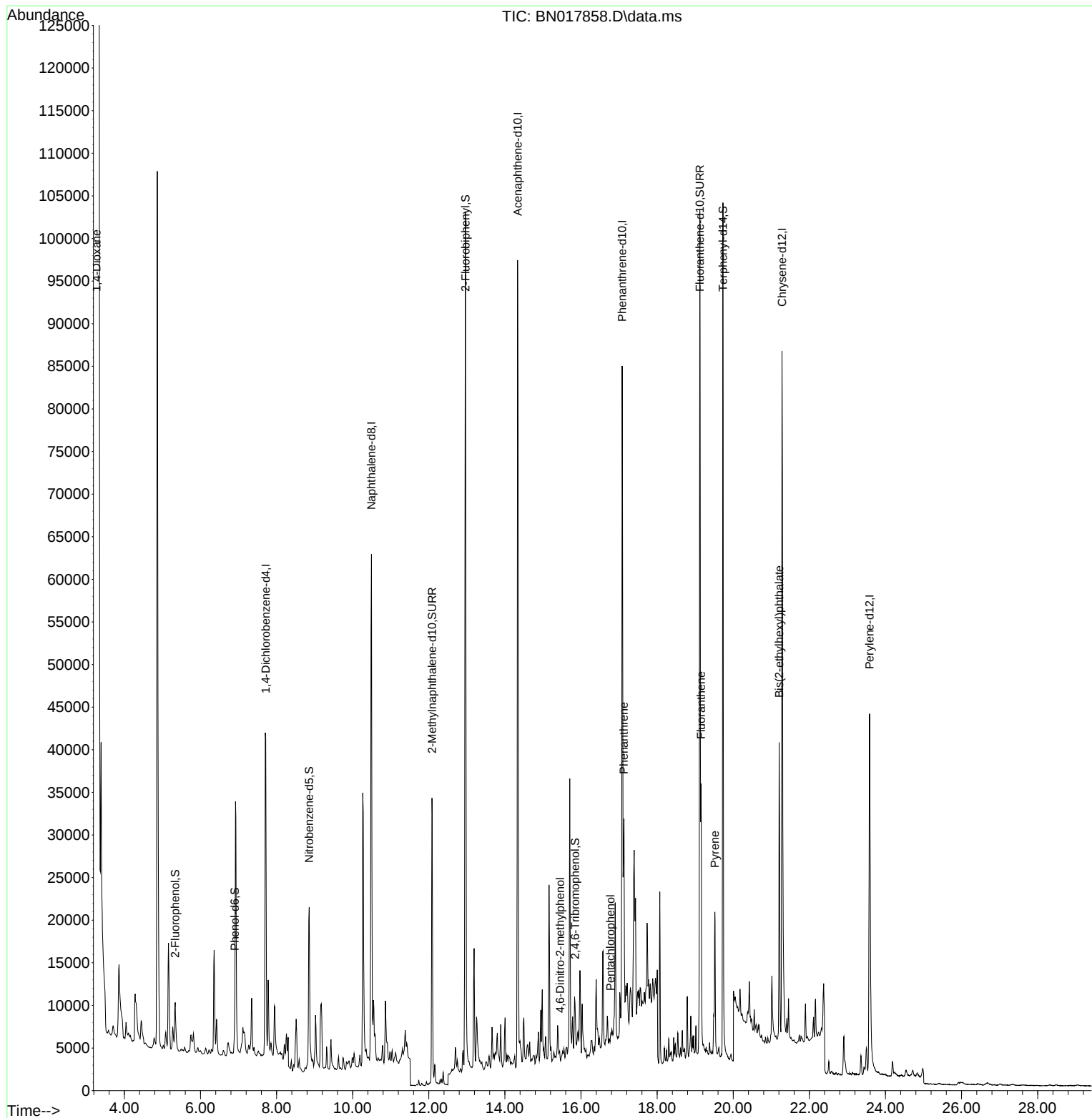
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21314	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	91489	0.400	ng	# 0.00
13) Acenaphthene-d10	14.334	164	60322	0.400	ng	-0.01
19) Phenanthrene-d10	17.080	188	120254	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	102402	0.400	ng	0.00
35) Perylene-d12	23.582	264	72952	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6320	0.123	ng	0.00
5) Phenol-d6	6.903	99	3944	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	19889	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	49302	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6553	0.208	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	81864	0.371	ng	0.00
27) Fluoranthene-d10	19.124	212	127581	0.317	ng	0.00
31) Terphenyl-d14	19.730	244	112364	0.511	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	89769	11.442	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.451	198	28	0.104	ng	# 1
24) Pentachlorophenol	16.776	266	86	0.282	ng	# 84
25) Phenanthrene	17.129	178	29686	0.094	ng	97
28) Fluoranthene	19.154	202	26731	0.070	ng	99
30) Pyrene	19.516	202	16394	0.050	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.208	149	36870	0.258	ng	99

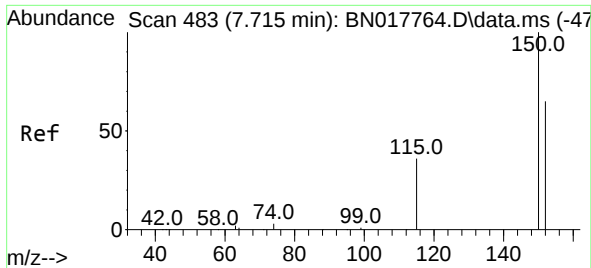
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
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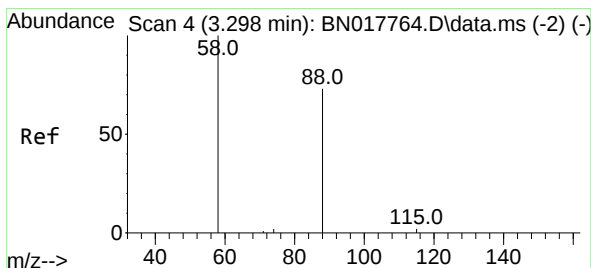
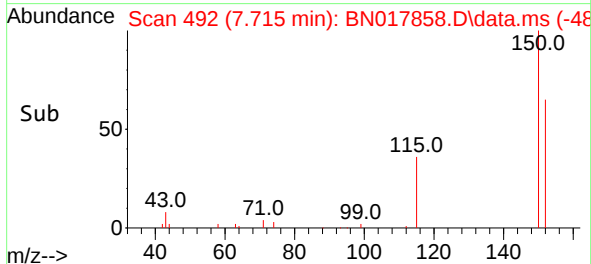
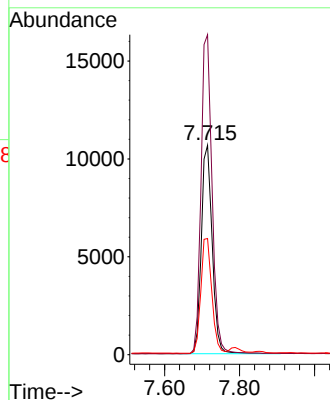
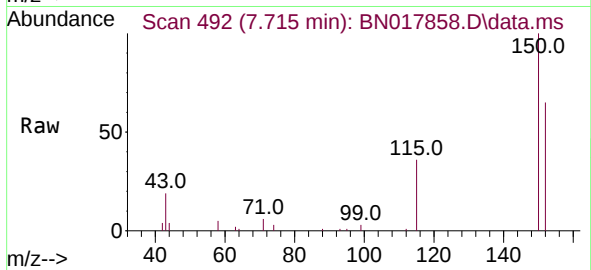




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

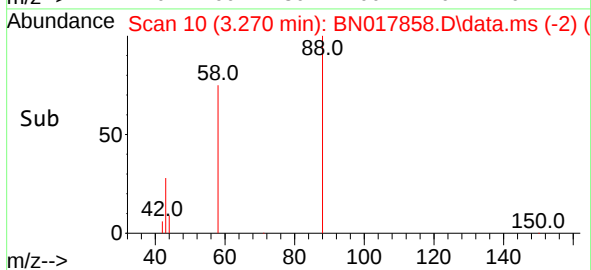
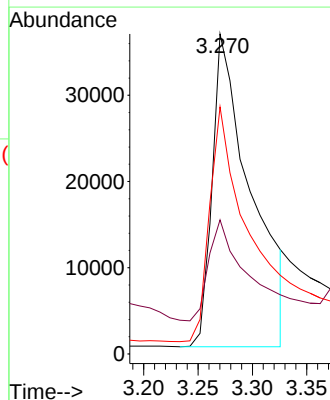
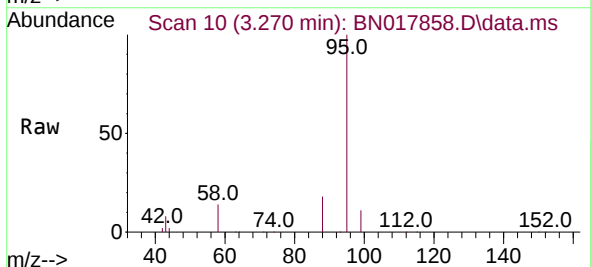
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201

Tgt Ion:152 Resp: 21314
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.0 184.4
 115 55.5 45.3 67.9



#2
 1,4-Dioxane
 Concen: 11.442 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

Tgt Ion: 88 Resp: 89769
 Ion Ratio Lower Upper
 88 100
 43 31.6 0.0 0.0#
 58 73.8 0.0 0.0#

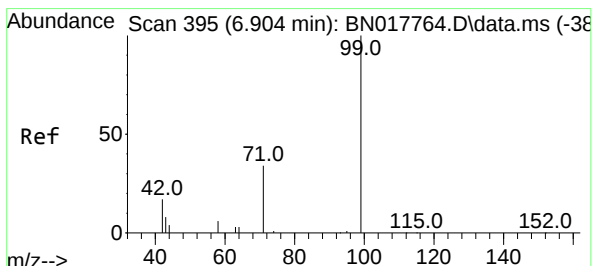
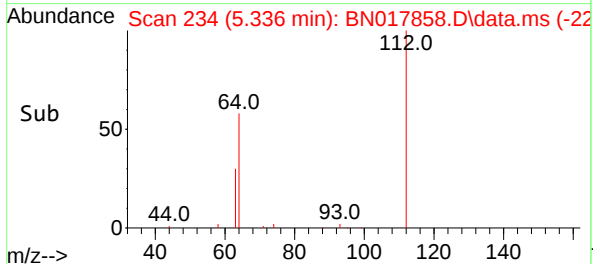
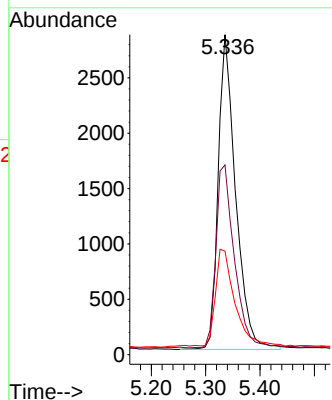
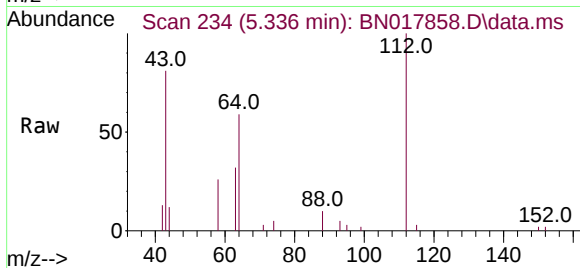




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

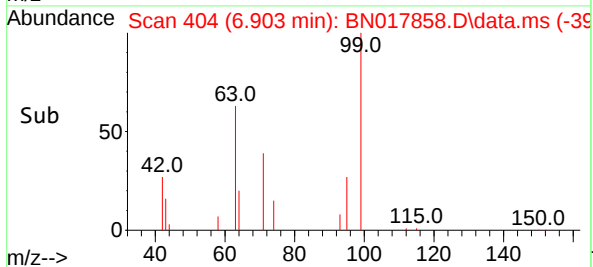
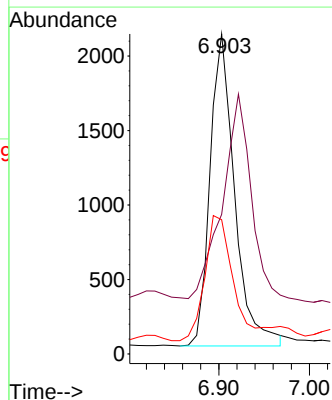
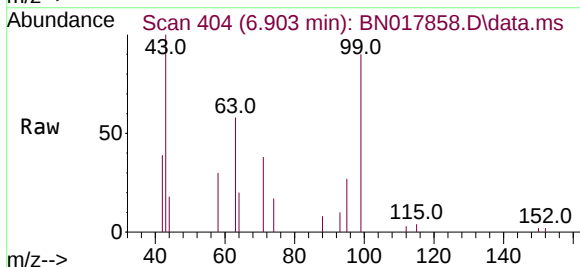
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201

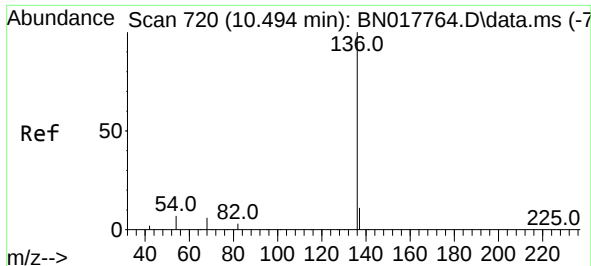
Tgt Ion:112 Resp: 6320
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 33.7 25.8 38.8



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

Tgt Ion: 99 Resp: 3944
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 47.4 29.0 43.4#

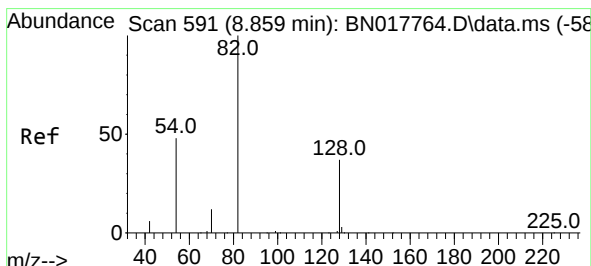
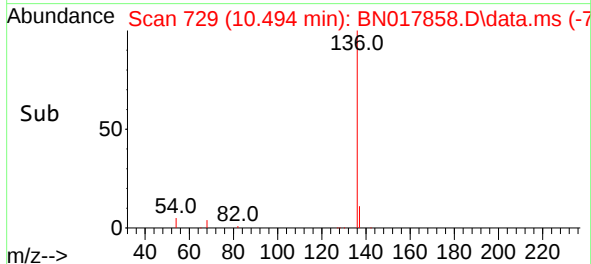
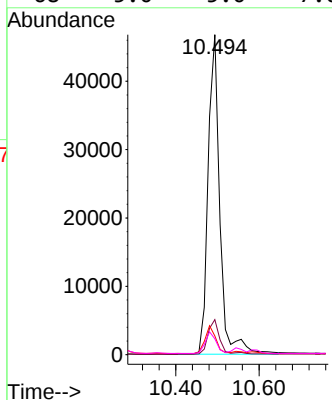
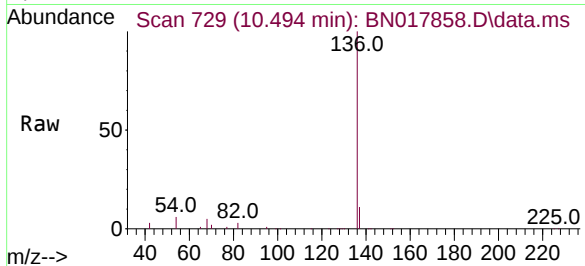




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

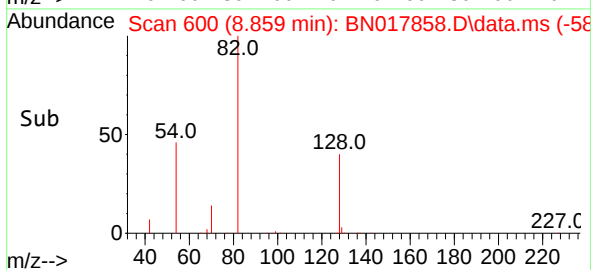
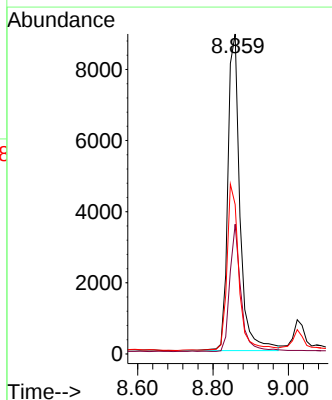
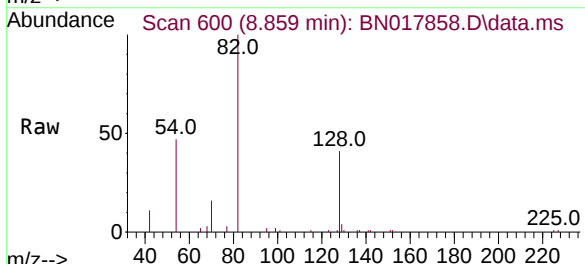
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201

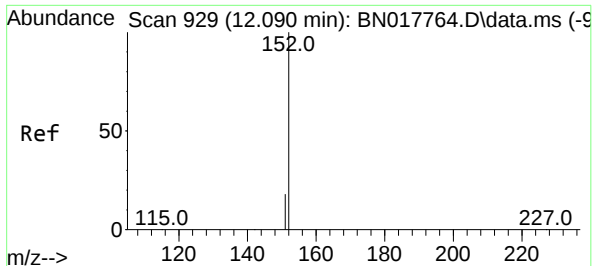
Tgt Ion:	136	Resp:	91489
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	5.8	5.9	8.9#
68	5.0	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

Tgt Ion:	82	Resp:	19889
Ion Ratio	Lower	Upper	
82	100		
128	40.5	30.2	45.2
54	46.7	39.0	58.6





#11

2-Methylnaphthalene-d10

Concen: 0.270 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017858.D

Acq: 10 Dec 2021 07:07

Instrument :

BNA_N

ClientSampleId :

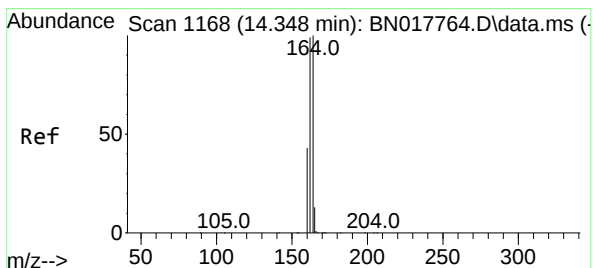
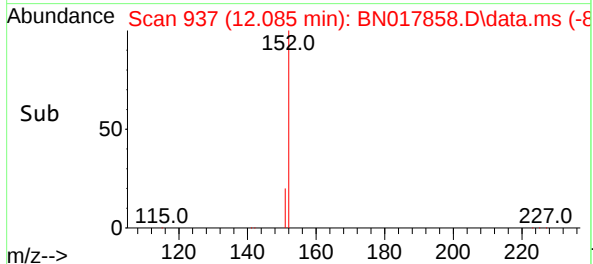
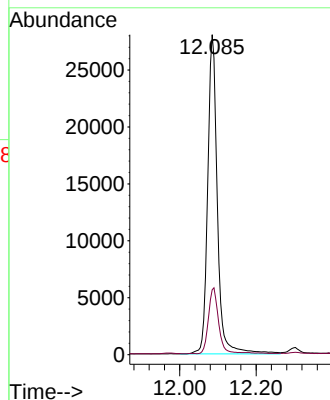
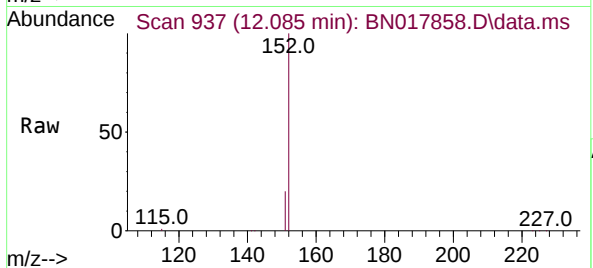
RE120D2-20211201

Tgt Ion:152 Resp: 49302

Ion Ratio Lower Upper

152 100

151 21.7 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017858.D

Acq: 10 Dec 2021 07:07

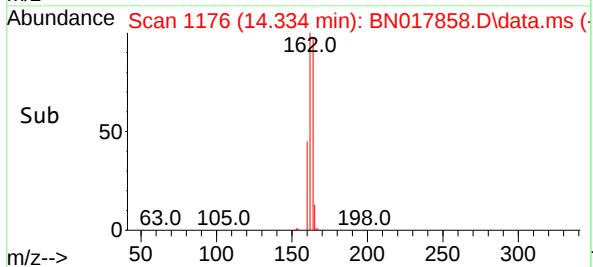
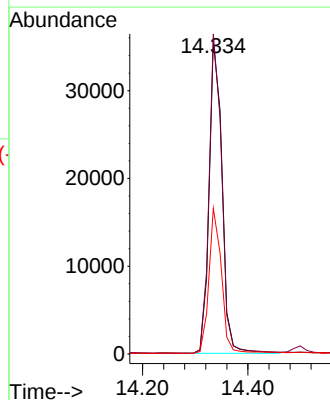
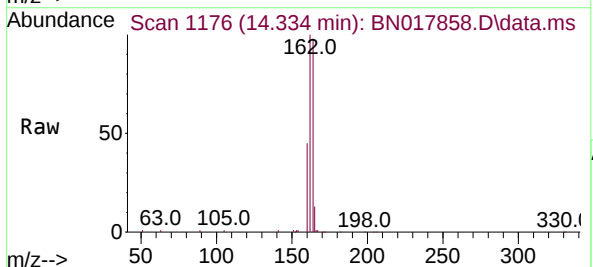
Tgt Ion:164 Resp: 60322

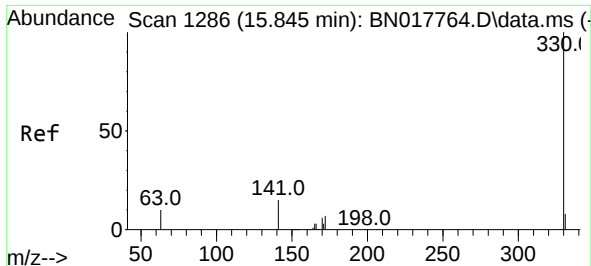
Ion Ratio Lower Upper

164 100

162 102.4 79.0 118.6

160 46.6 34.6 52.0

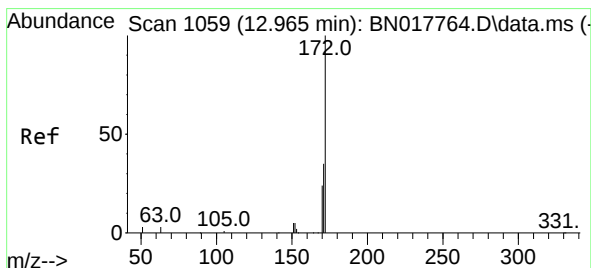
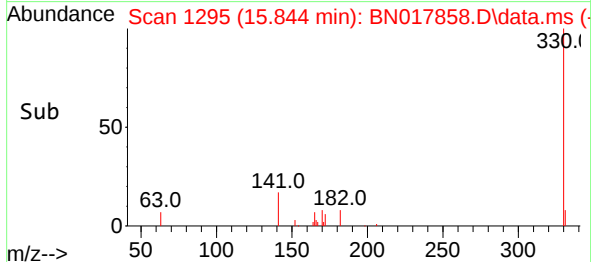
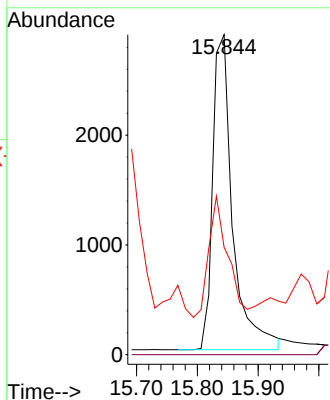
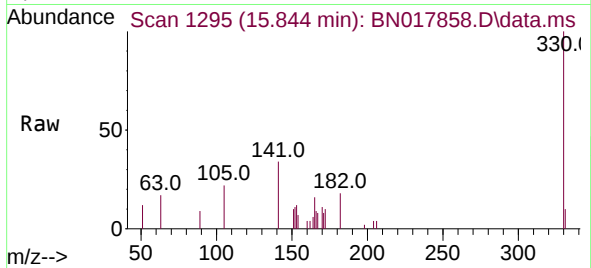




#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.844 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

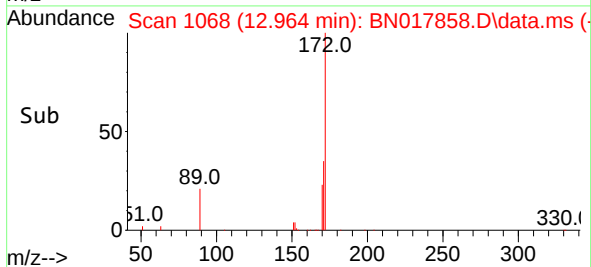
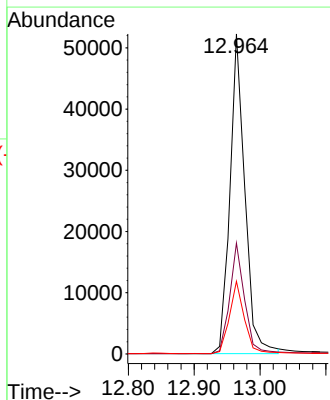
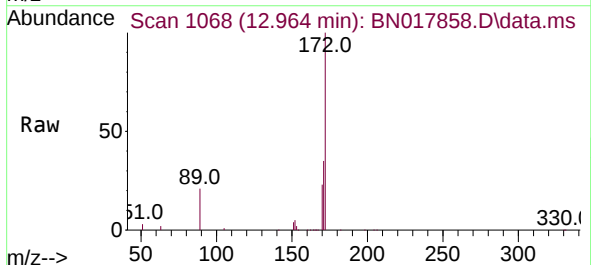
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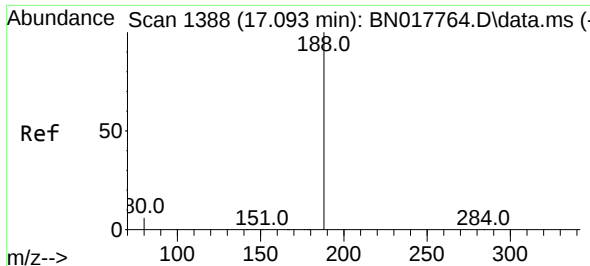
Tgt Ion:330 Resp: 6553
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.4 21.5 32.3#



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

Tgt Ion:172 Resp: 81864
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.7 18.9 28.3

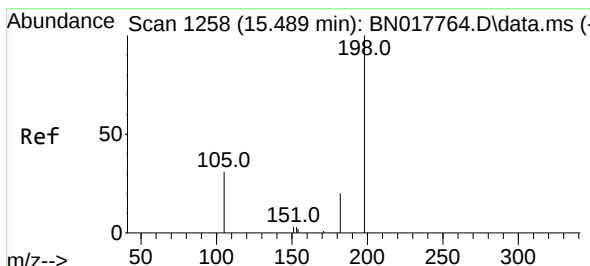
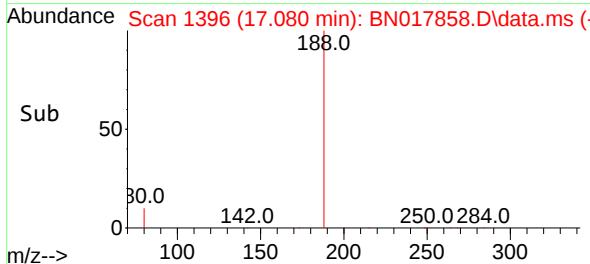
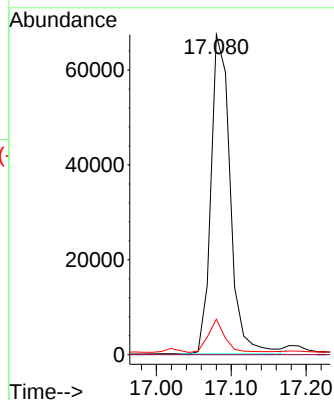
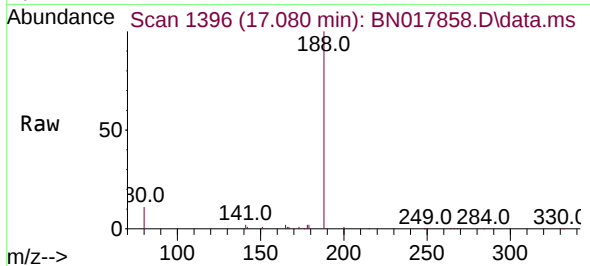




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

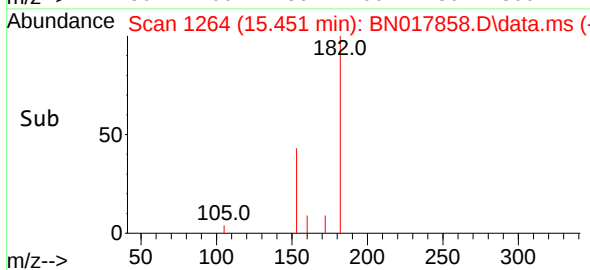
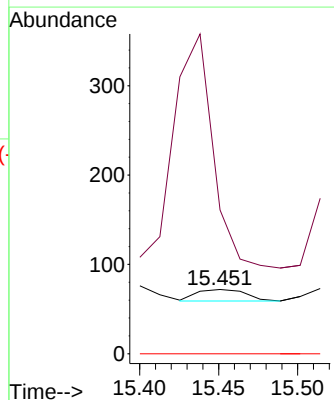
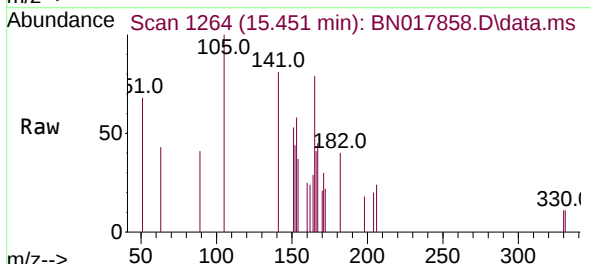
Instrument :
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RE120D2-20211201

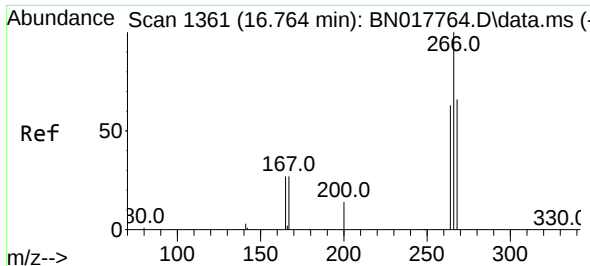
Tgt Ion:188 Resp: 120254
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.104 ng
RT: 15.451 min Scan# 1264
Delta R.T. -0.038 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
182 223.6 44.2 66.2#
77 0.0 0.0 0.0

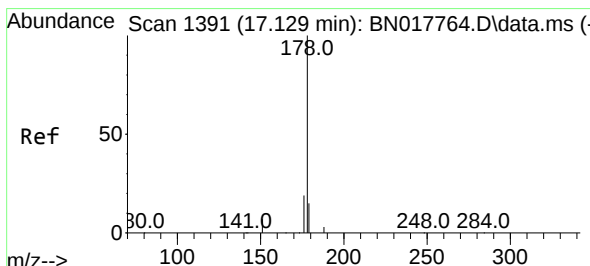
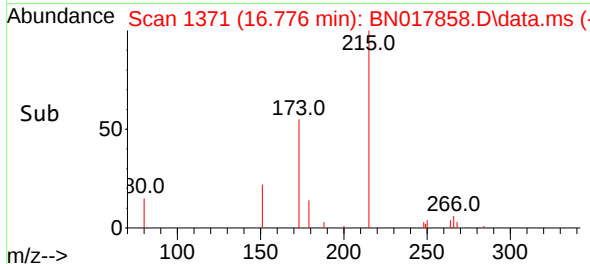
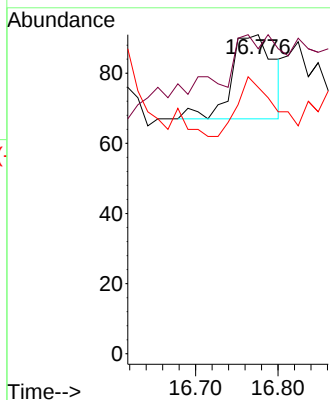
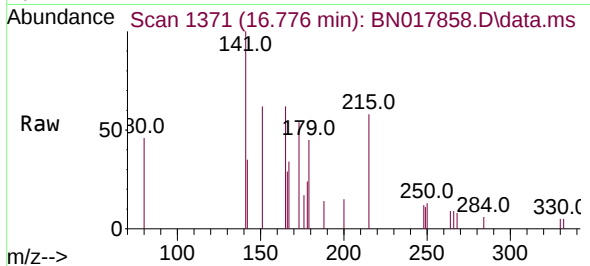




#24
 Pentachlorophenol
 Concen: 0.282 ng
 RT: 16.776 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

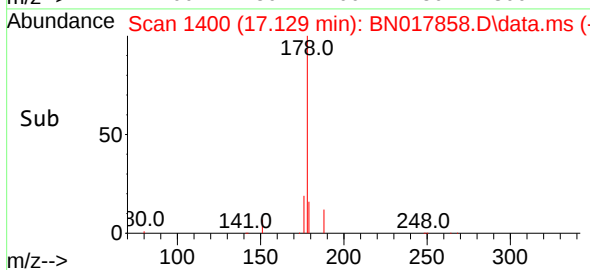
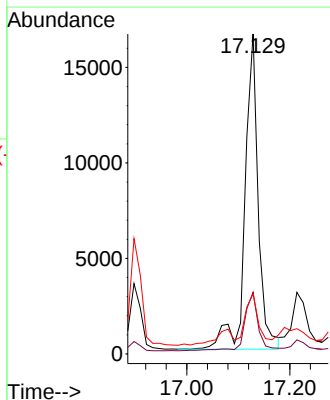
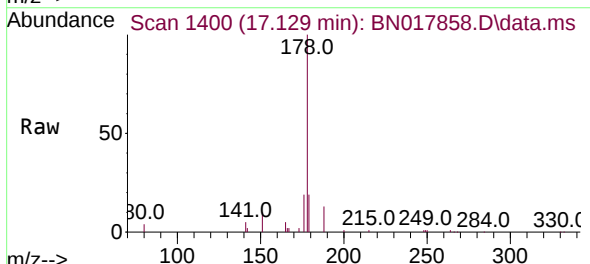
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201

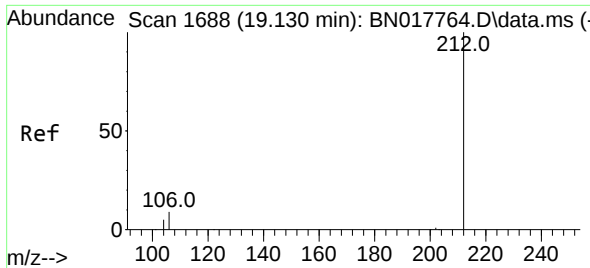
Tgt Ion:266 Resp: 86
 Ion Ratio Lower Upper
 266 100
 264 86.0 50.8 76.2#
 268 61.6 51.8 77.6



#25
 Phenanthrene
 Concen: 0.094 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. -0.001 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

Tgt Ion:178 Resp: 29686
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 13.2 12.5 18.7

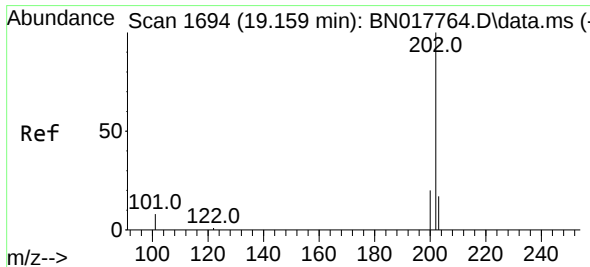
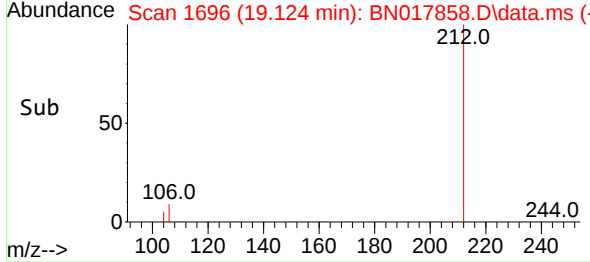
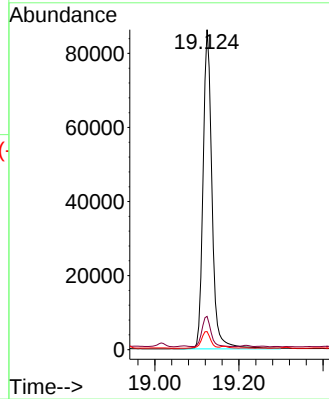
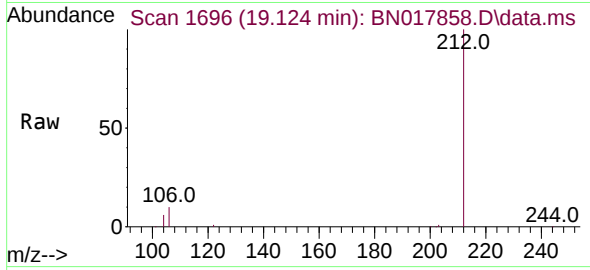




#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.124 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

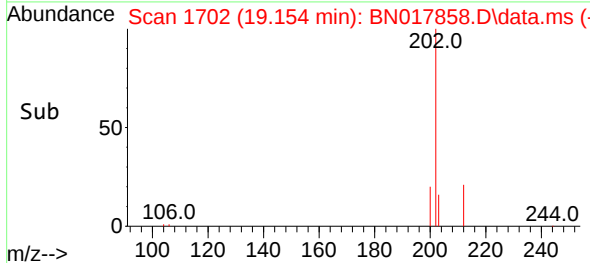
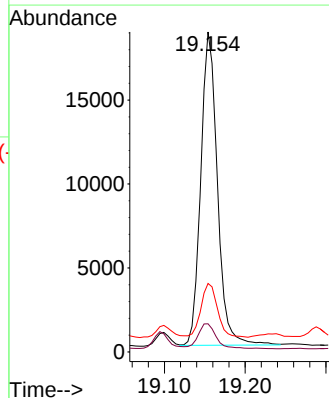
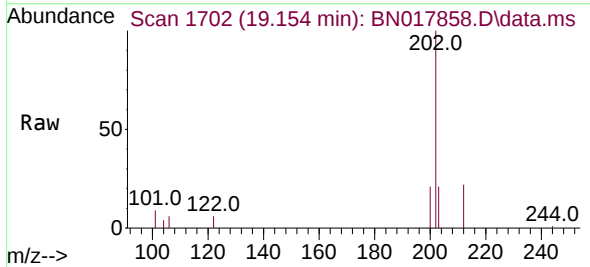
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201

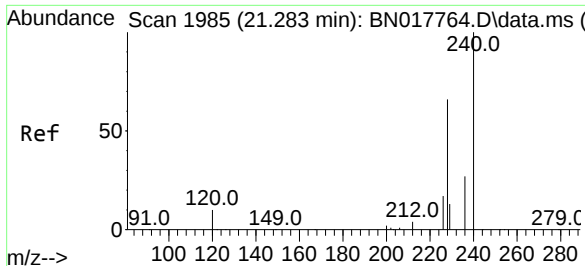
Tgt Ion:212 Resp: 127581
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 5.4 4.6 6.8



#28
Fluoranthene
Concen: 0.070 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

Tgt Ion:202 Resp: 26731
Ion Ratio Lower Upper
202 100
101 8.2 7.2 10.8
203 17.5 13.7 20.5

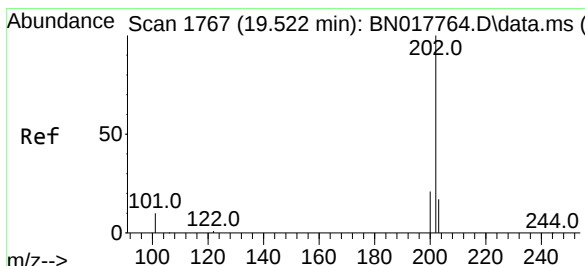
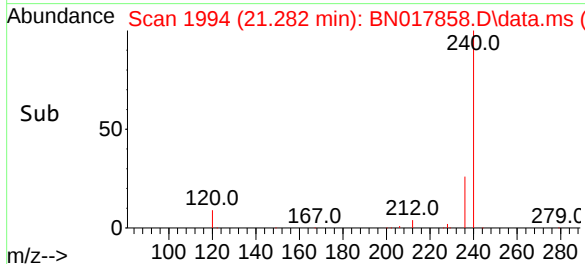
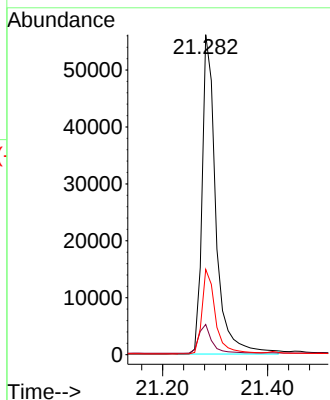
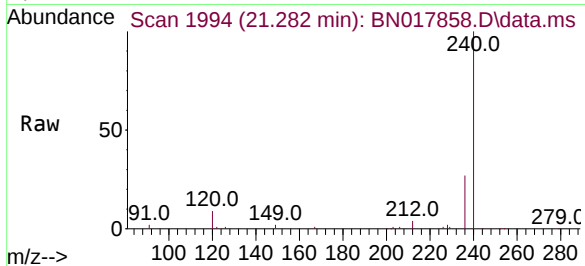




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

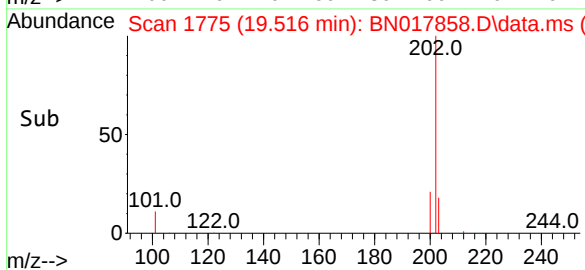
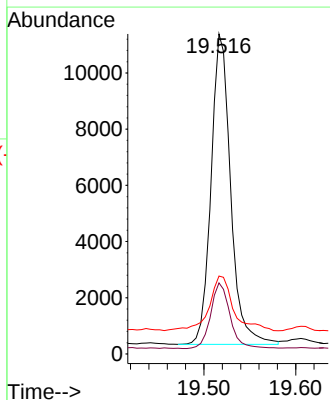
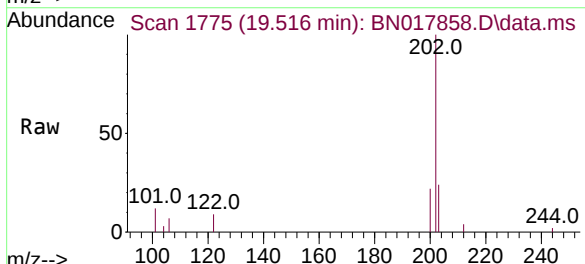
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201

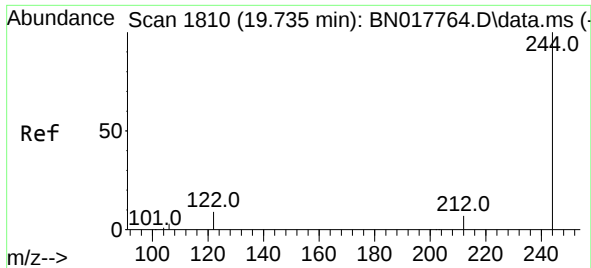
Tgt Ion:240 Resp: 102402
Ion Ratio Lower Upper
240 100
120 9.4 7.9 11.9
236 26.7 21.4 32.2



#30
Pyrene
Concen: 0.050 ng
RT: 19.516 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

Tgt Ion:202 Resp: 16394
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 21.9 14.0 21.0#

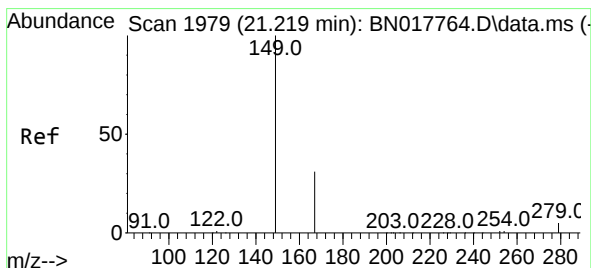
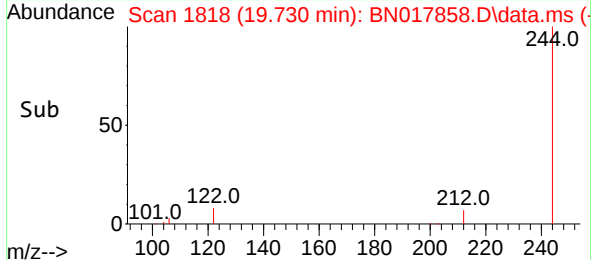
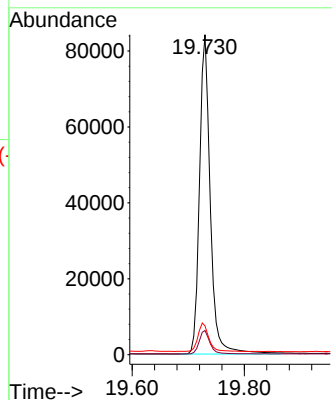
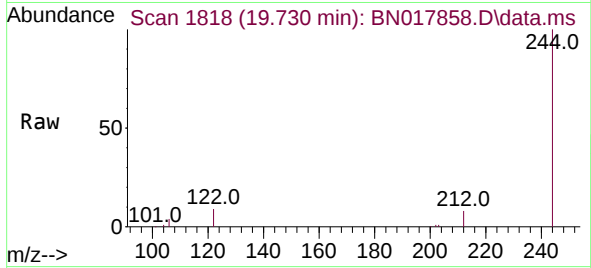




#31
 Terphenyl-d14
 Concen: 0.511 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

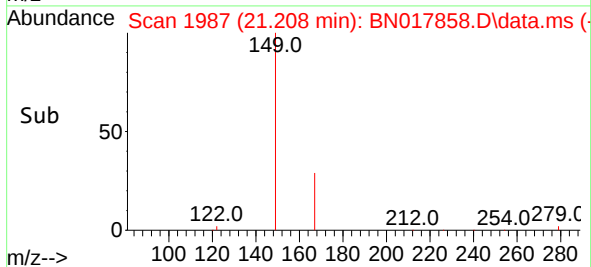
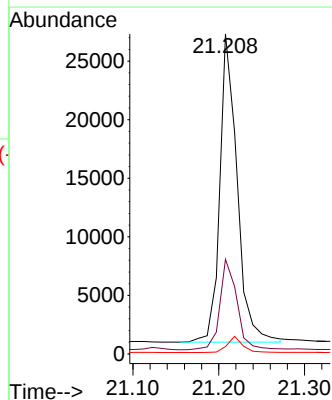
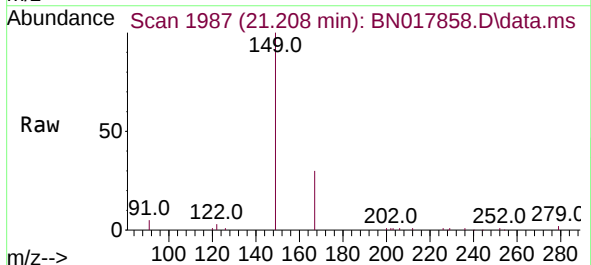
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201

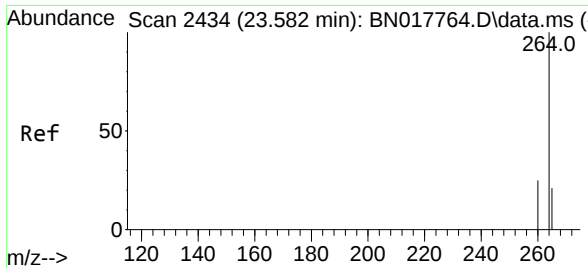
Tgt Ion:244 Resp: 112364
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.0 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.258 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

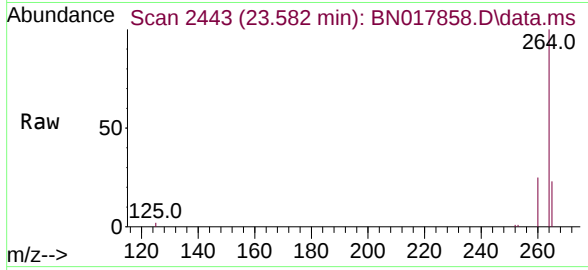
Tgt Ion:149 Resp: 36870
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.5 35.3
 279 4.7 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.582 min Scan# 24
 Delta R.T. -0.001 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201



Tgt Ion:264 Resp: 72952

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	22.8	20.5	30.7

