

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017864.D
 Acq On : 10 Dec 2021 10:43
 Operator : CG/JU
 Sample : M4923-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20211201

Quant Time: Dec 11 00:35:17 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)

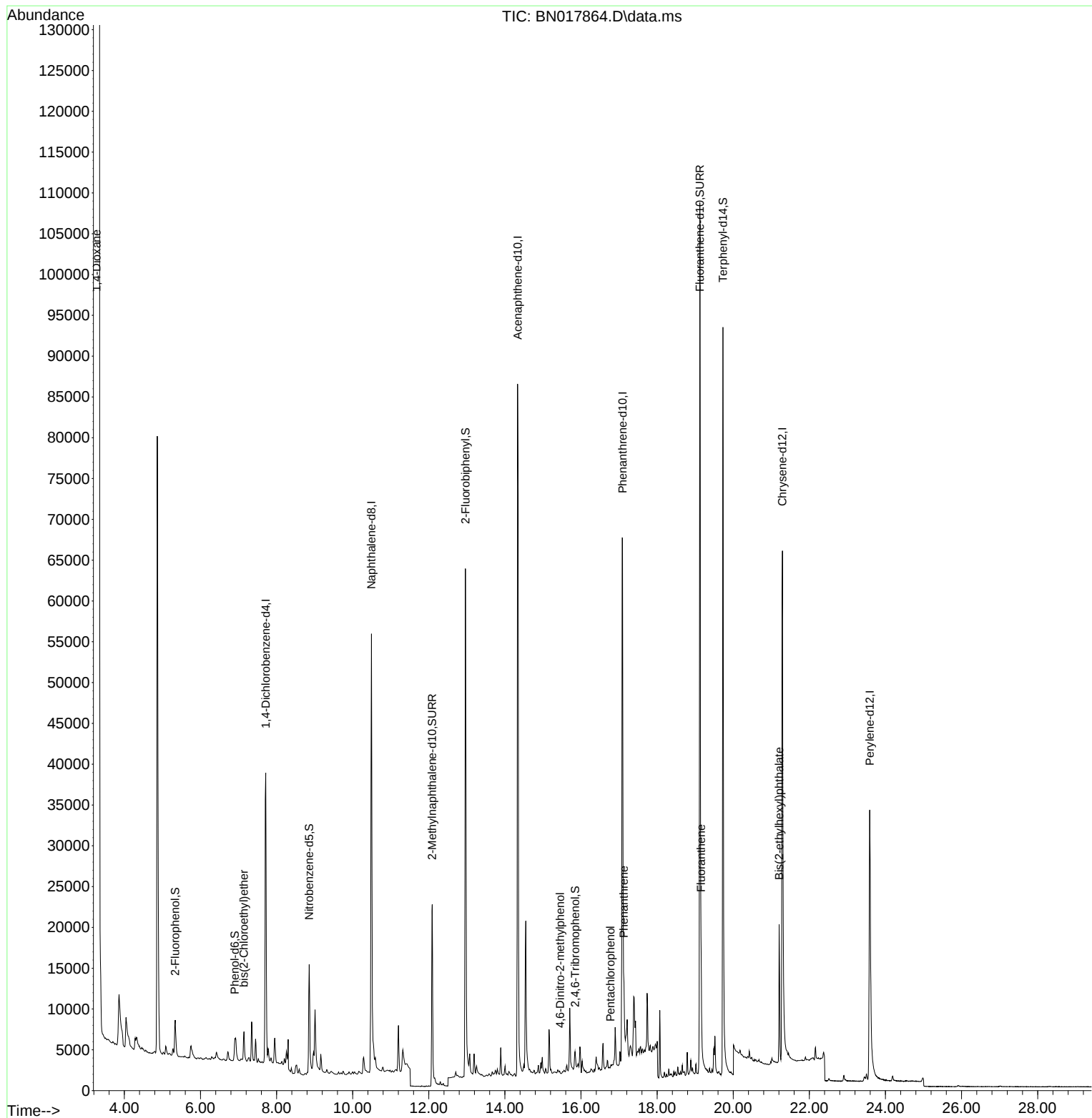
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	21042	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	84640	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	58996	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	121253	0.400	ng	0.00
29) Chrysene-d12	21.293	240	97597	0.400	ng	# 0.00
35) Perylene-d12	23.589	264	65190	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	5076	0.100	ng	0.00
5) Phenol-d6	6.903	99	2734	0.057	ng	0.00
8) Nitrobenzene-d5	8.859	82	14421	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	36723	0.217	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2676	0.087	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	58535	0.271	ng	0.00
27) Fluoranthene-d10	19.124	212	148572	0.367	ng	0.00
31) Terphenyl-d14	19.730	244	118854	0.567	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	43510	5.617	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	3069	0.056	ng	99
20) 4,6-Dinitro-2-methylph...	15.451	198	18	0.096	ng	# 1
24) Pentachlorophenol	16.776	266	12	0.280	ng	# 1
25) Phenanthrene	17.129	178	8036	0.025	ng	98
28) Fluoranthene	19.154	202	8209	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	16362	0.120	ng	99

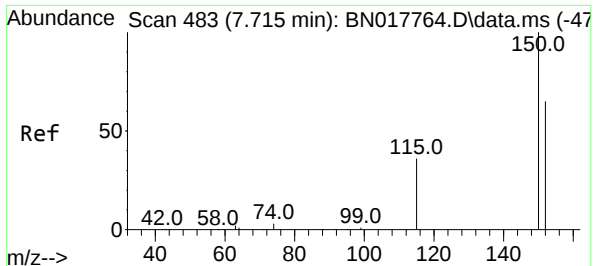
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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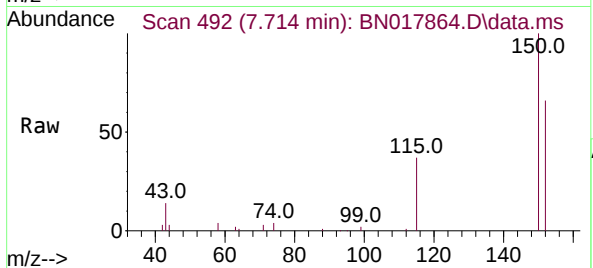
Quant Time: Dec 11 00:35:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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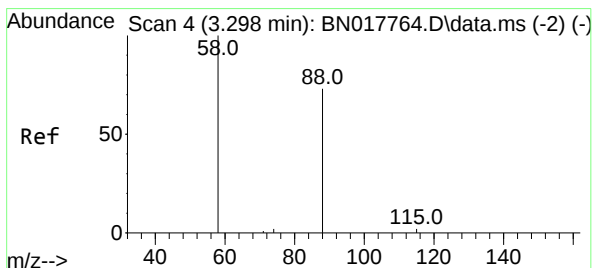
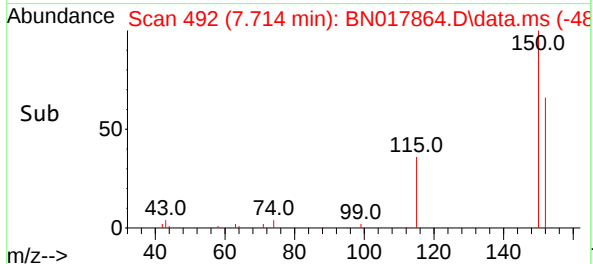
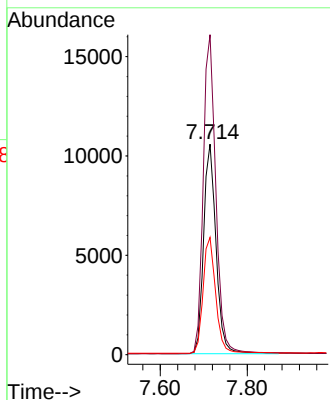


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201

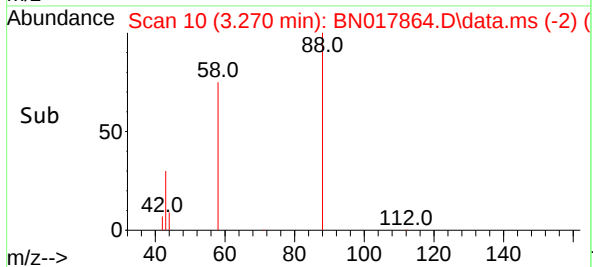
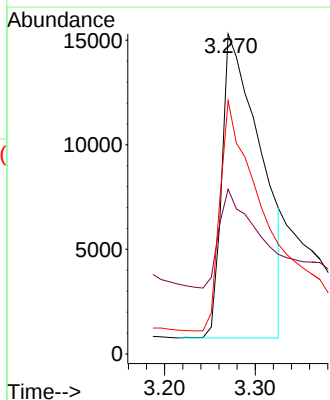
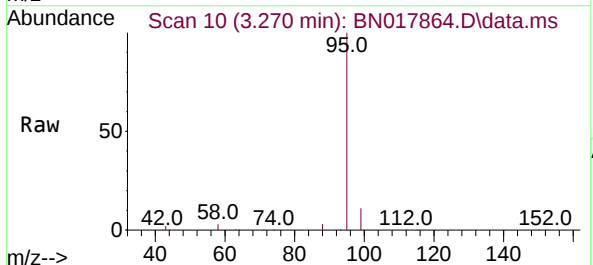


Tgt Ion:152 Resp: 21042
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.4
115 55.7 45.3 67.9

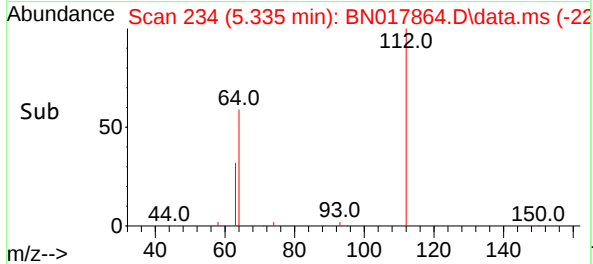
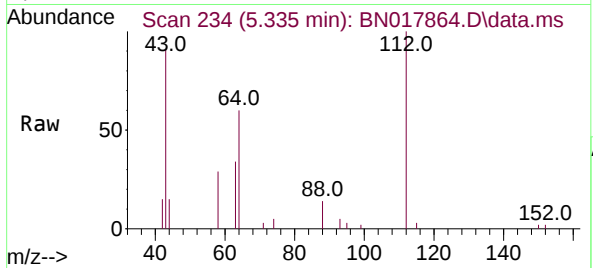
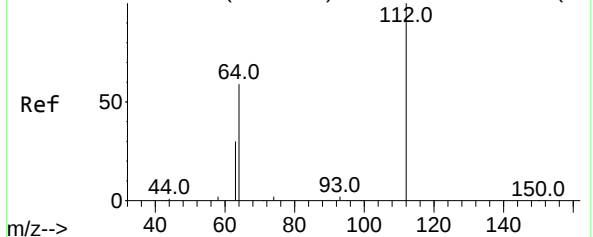


#2
1,4-Dioxane
Concen: 5.617 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Tgt Ion: 88 Resp: 43510
Ion Ratio Lower Upper
88 100
43 31.4 0.0 0.0#
58 73.0 0.0 0.0#



Abundance Scan 224 (5.327 min): BN017764.D\data.ms (-21



#4

2-Fluorophenol

Concen: 0.100 ng

RT: 5.335 min Scan# 21

Delta R.T. 0.008 min

Lab File: BN017864.D

Acq: 10 Dec 2021 10:43

Instrument :

BNA_N

ClientSampleId :

RE105D2-20211201

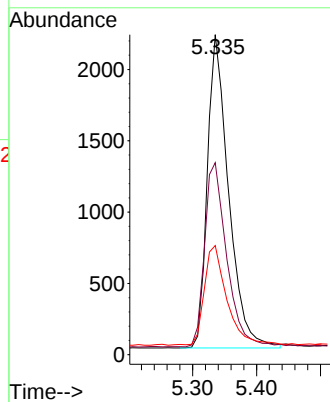
Tgt Ion:112 Resp: 5076

Ion Ratio Lower Upper

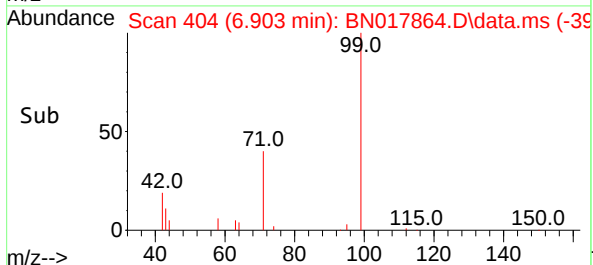
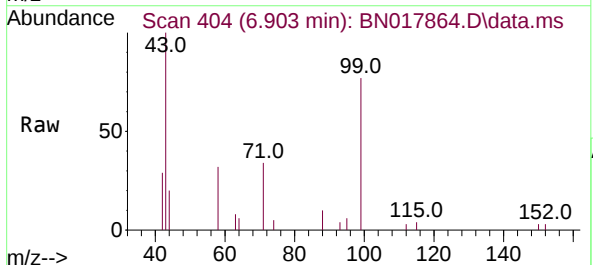
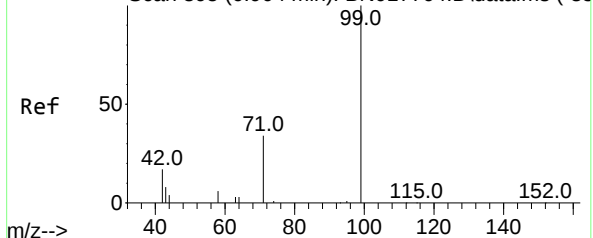
112 100

64 60.9 49.3 73.9

63 33.8 25.8 38.8



Abundance Scan 395 (6.904 min): BN017764.D\data.ms (-38



#5

Phenol-d6

Concen: 0.057 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.001 min

Lab File: BN017864.D

Acq: 10 Dec 2021 10:43

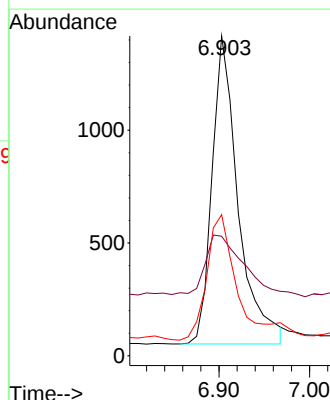
Tgt Ion: 99 Resp: 2734

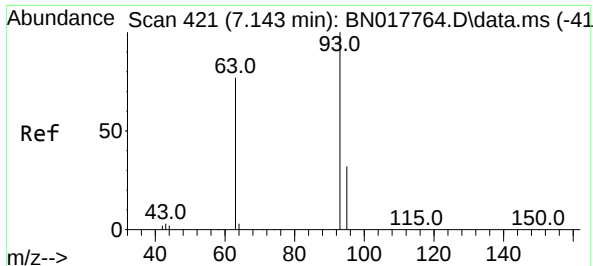
Ion Ratio Lower Upper

99 100

42 27.1 16.6 25.0#

71 45.7 29.0 43.4#

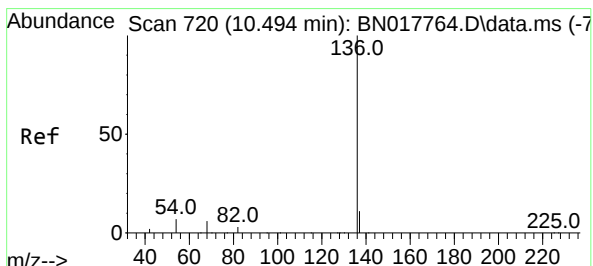
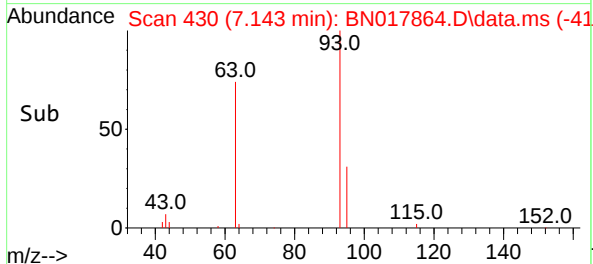
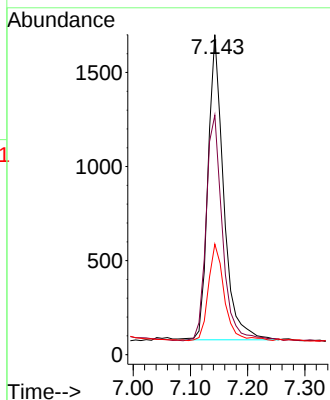
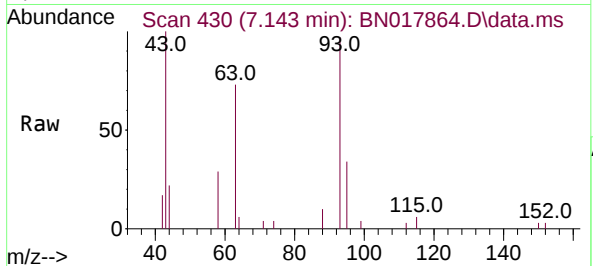




#6
bis(2-Chloroethyl)ether
Concen: 0.056 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

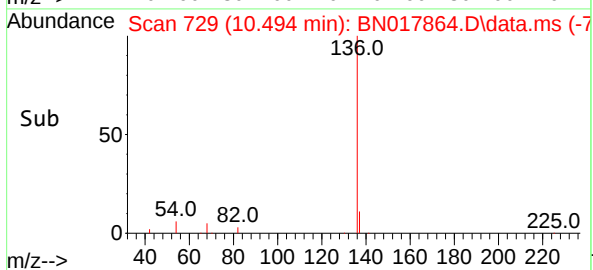
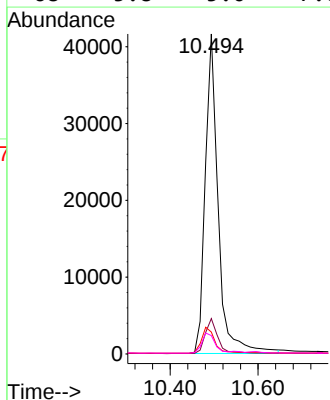
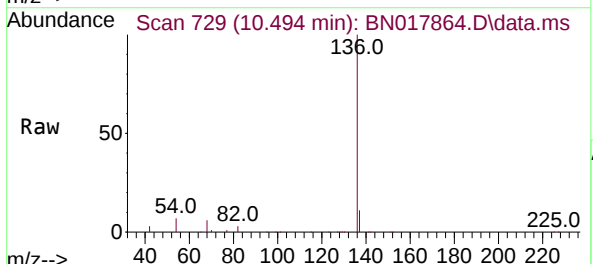
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201

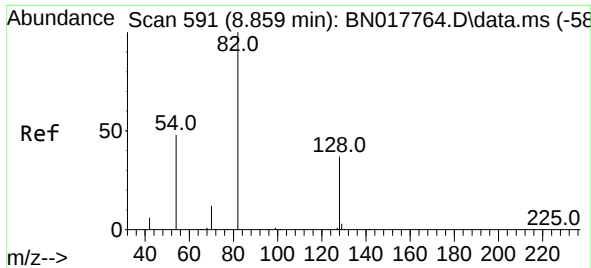
Tgt Ion: 93 Resp: 3069
Ion Ratio Lower Upper
93 100
63 78.3 62.0 93.0
95 32.6 26.4 39.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Tgt Ion: 136 Resp: 84640
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.9 8.9
68 5.8 5.0 7.6

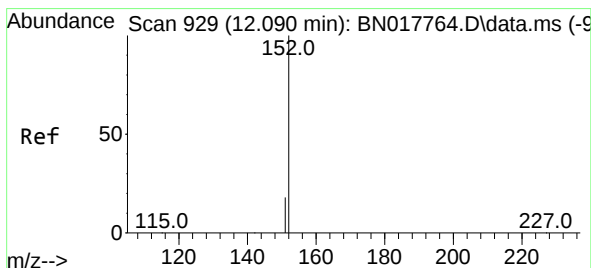
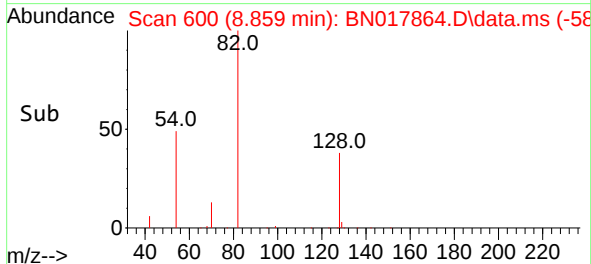
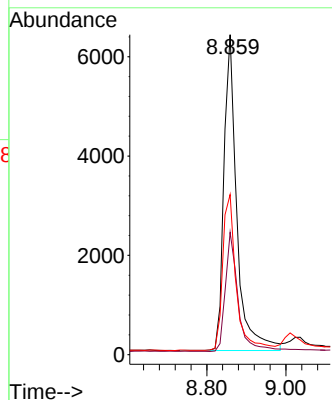
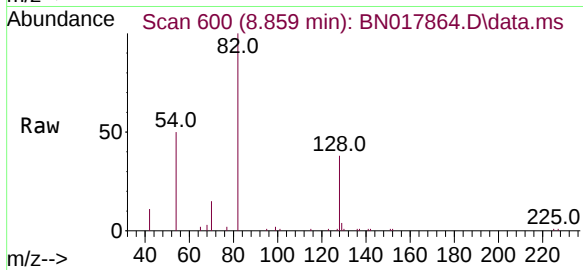




#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

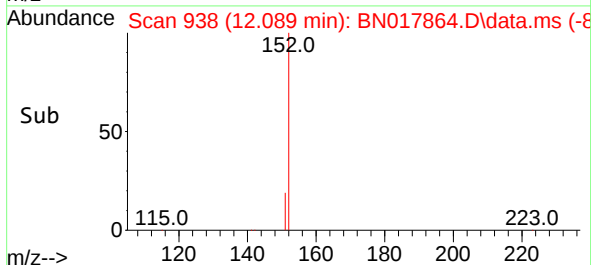
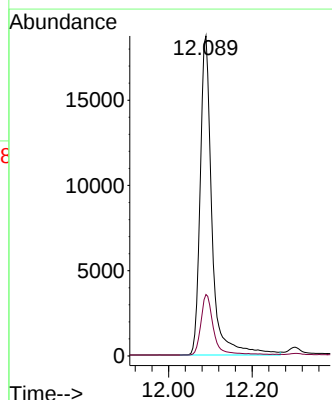
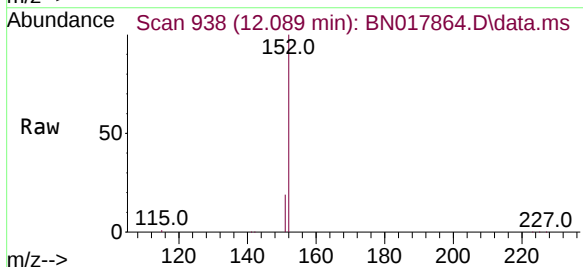
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201

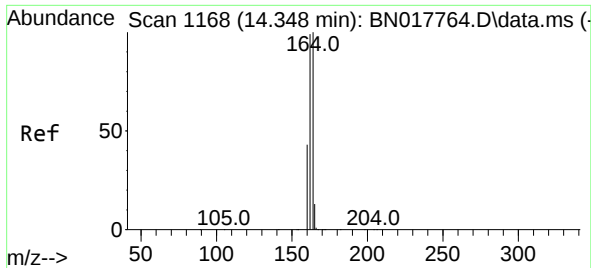
Tgt Ion: 82 Resp: 14421
Ion Ratio Lower Upper
82 100
128 38.3 30.2 45.2
54 50.1 39.0 58.6



#11
2-Methylnaphthalene-d10
Concen: 0.217 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Tgt Ion: 152 Resp: 36723
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

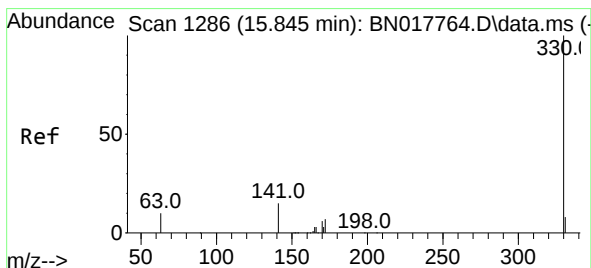
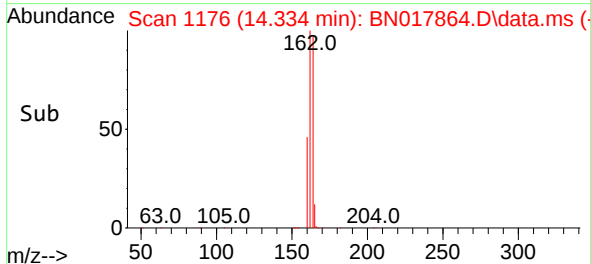
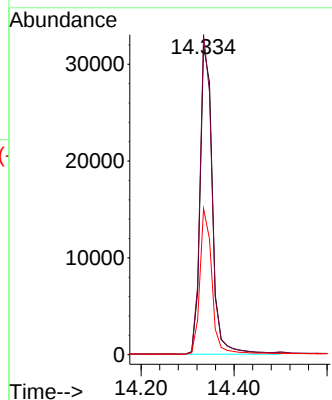
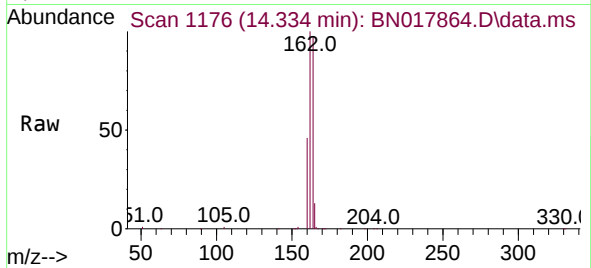




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.334 min Scan# 1168
 Delta R.T. -0.013 min
 Lab File: BN017864.D
 Acq: 10 Dec 2021 10:43

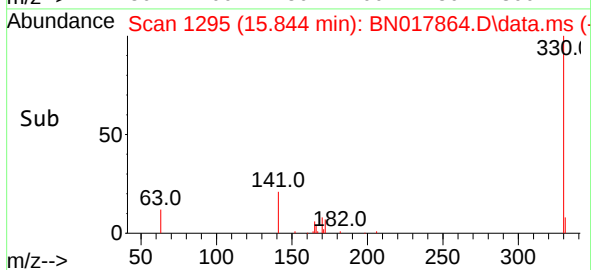
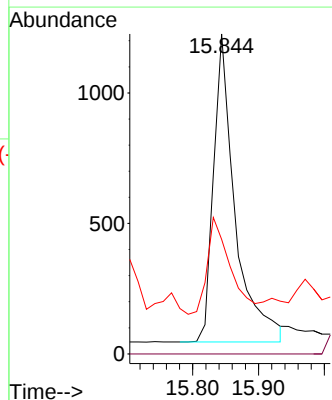
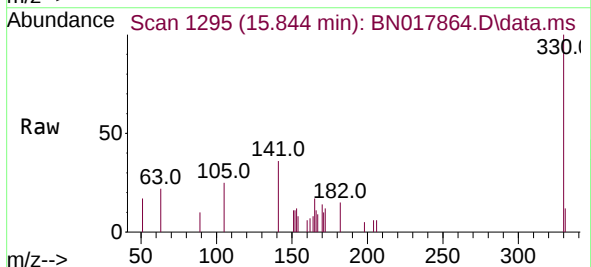
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 ClientSampleId :
 RE105D2-20211201

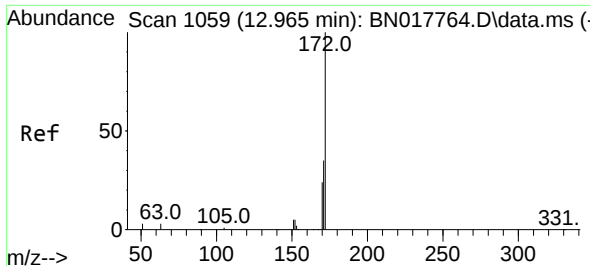
Tgt Ion:164 Resp: 58996
 Ion Ratio Lower Upper
 164 100
 162 103.5 79.0 118.6
 160 47.2 34.6 52.0



#14
 2,4,6-Tribromophenol
 Concen: 0.087 ng
 RT: 15.844 min Scan# 1295
 Delta R.T. -0.001 min
 Lab File: BN017864.D
 Acq: 10 Dec 2021 10:43

Tgt Ion:330 Resp: 2676
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.4 21.5 32.3#

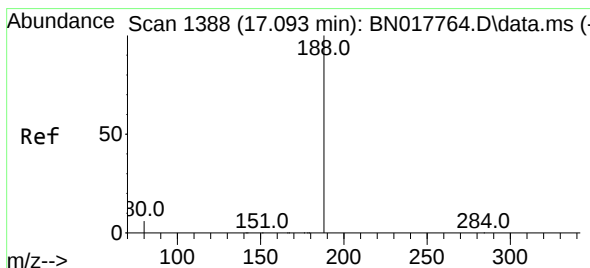
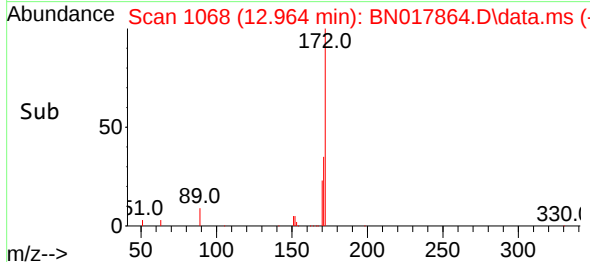
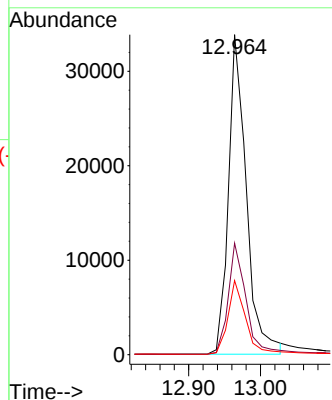
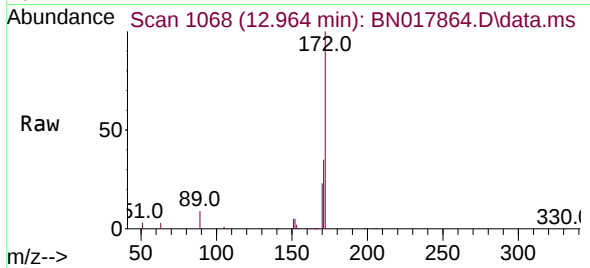




#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

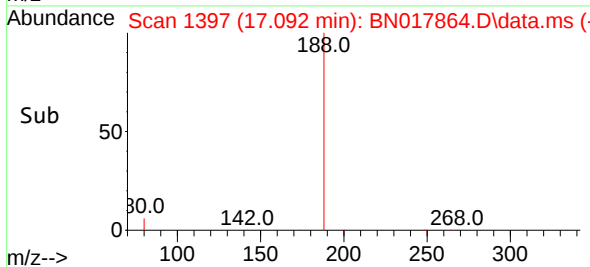
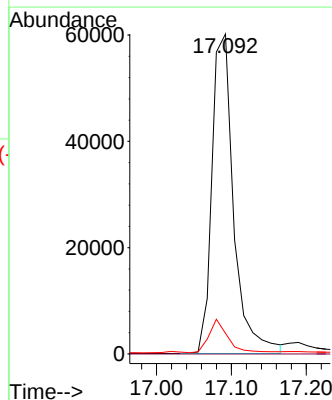
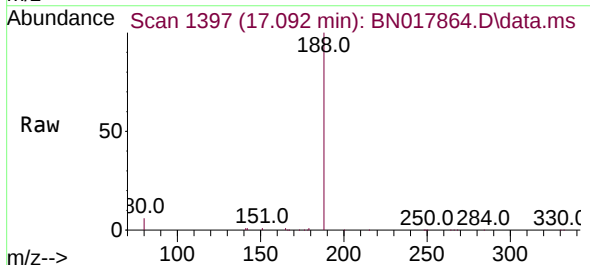
Instrument :
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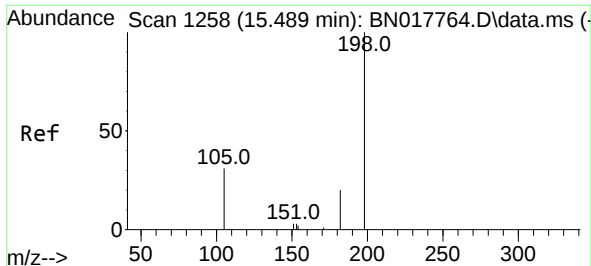
Tgt Ion:172 Resp: 58535
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Tgt Ion:188 Resp: 121253
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.1 7.7





#20

4,6-Dinitro-2-methylphenol

Concen: 0.096 ng

RT: 15.451 min Scan# 11

Delta R.T. -0.038 min

Lab File: BN017864.D

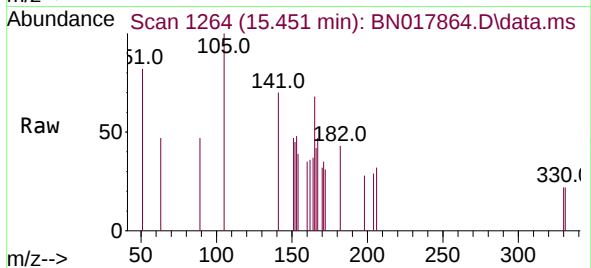
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Instrument :

BNA_N

ClientSampleId :

RE105D2-20211201



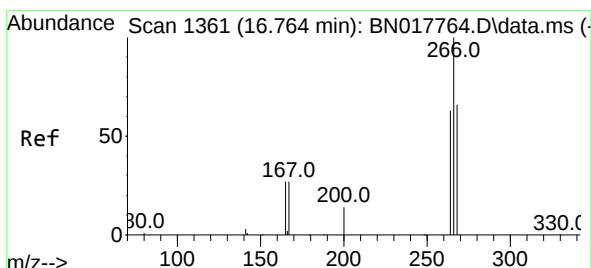
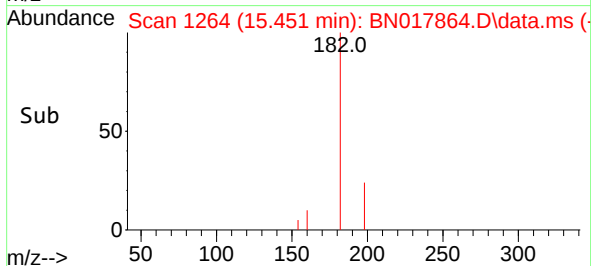
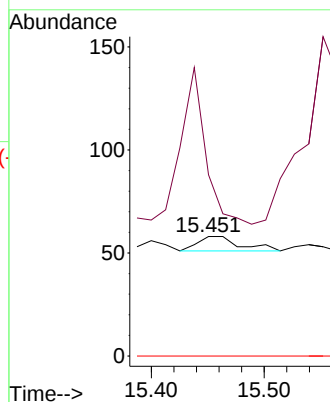
Tgt Ion:198 Resp: 18

Ion Ratio Lower Upper

198 100

182 151.7 44.2 66.2#

77 0.0 0.0 0.0



#24

Pentachlorophenol

Concen: 0.280 ng

RT: 16.776 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BN017864.D

Acq: 10 Dec 2021 10:43

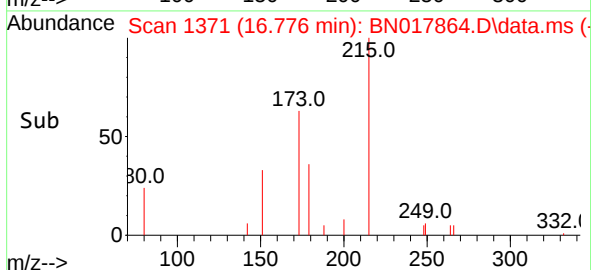
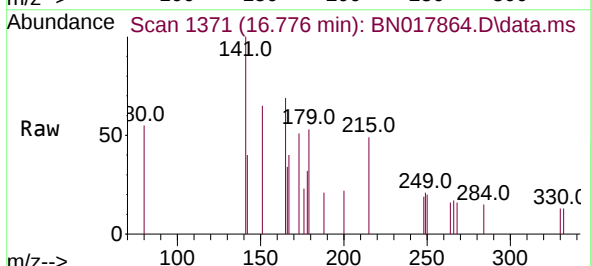
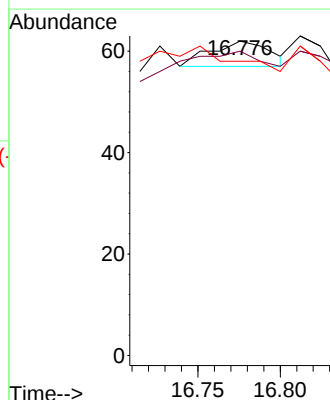
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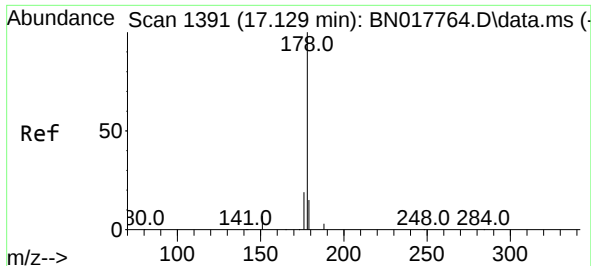
Ion Ratio Lower Upper

266 100

264 175.0 50.8 76.2#

268 0.0 51.8 77.6#

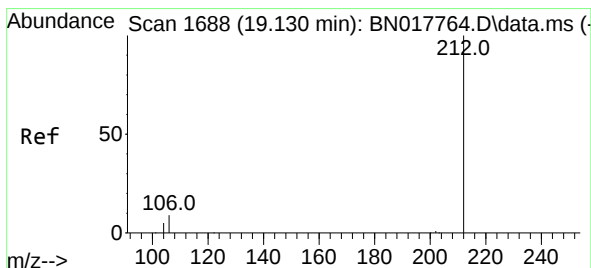
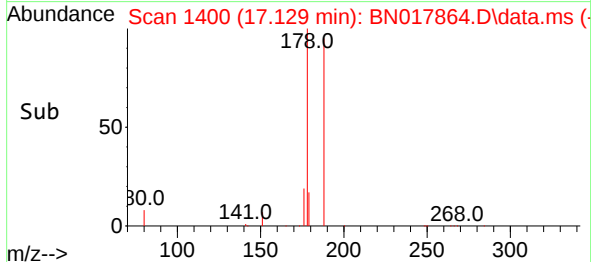
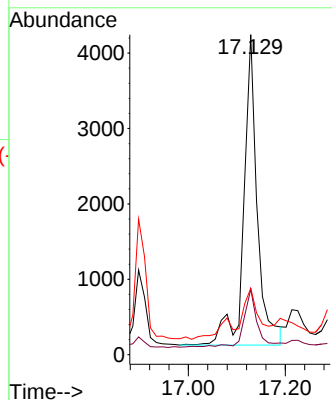
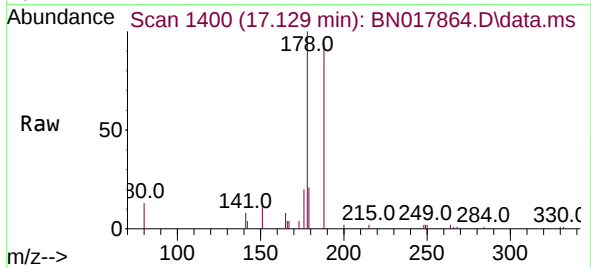




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

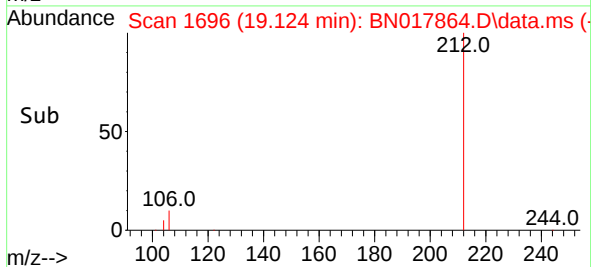
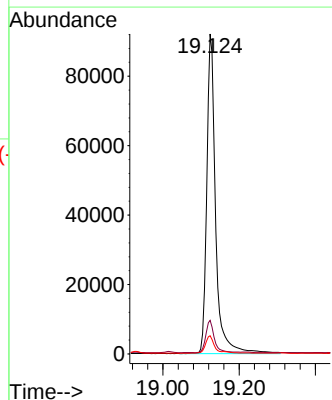
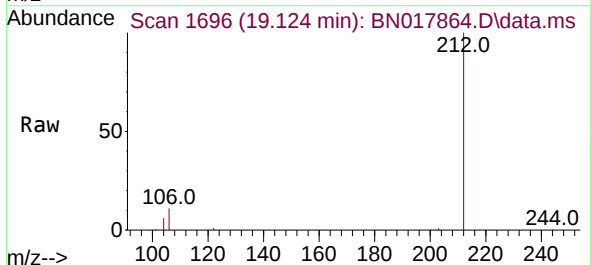
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201

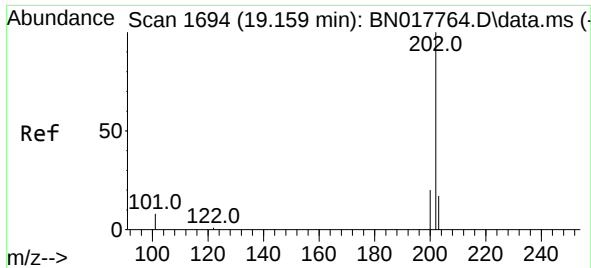
Tgt Ion:178 Resp: 8036
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 13.6 12.5 18.7



#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Tgt Ion:212 Resp: 148572
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.9 4.6 6.8

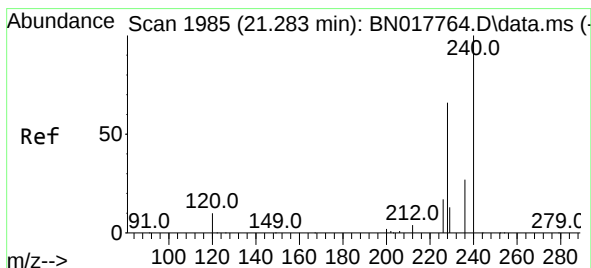
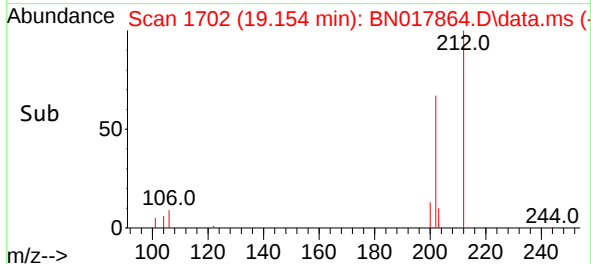
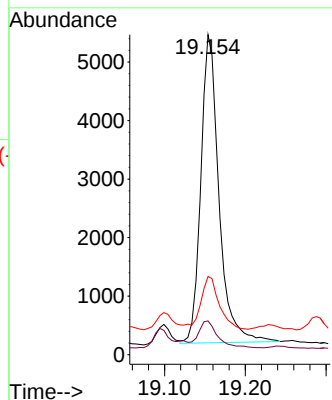
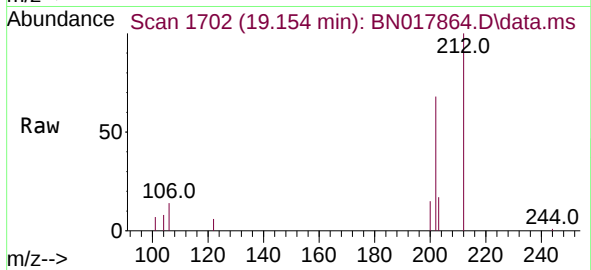




#28
Fluoranthene
Concen: 0.021 ng
RT: 19.154 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

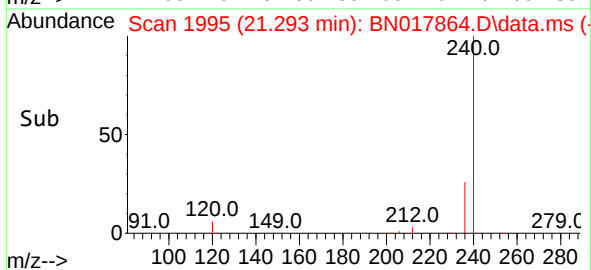
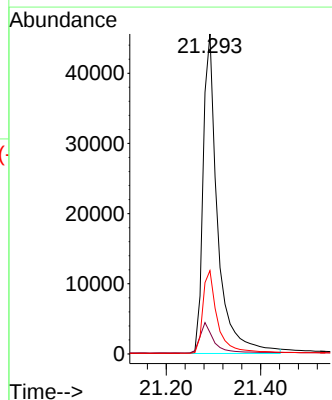
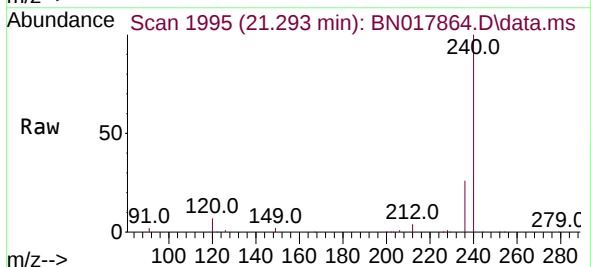
Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201

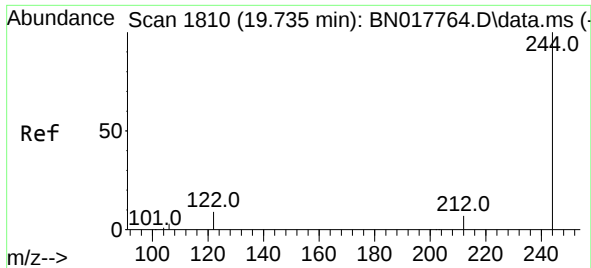
Tgt Ion:202 Resp: 8209
Ion Ratio Lower Upper
202 100
101 9.7 7.2 10.8
203 17.7 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Tgt Ion:240 Resp: 97597
Ion Ratio Lower Upper
240 100
120 6.7 7.9 11.9#
236 26.1 21.4 32.2

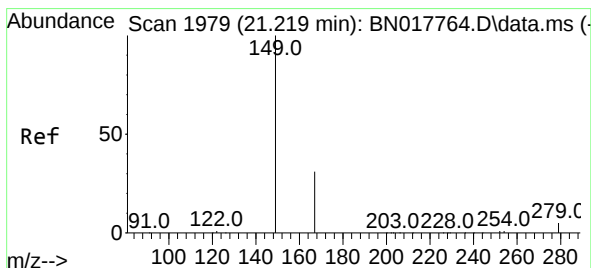
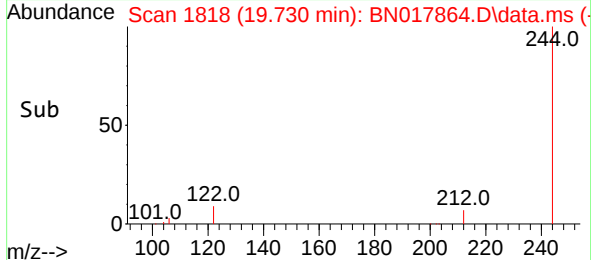
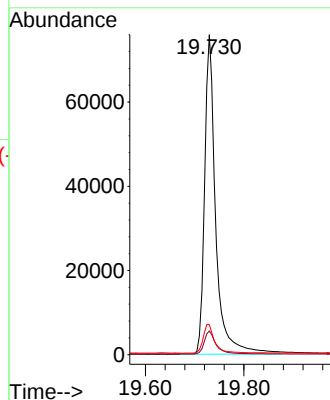
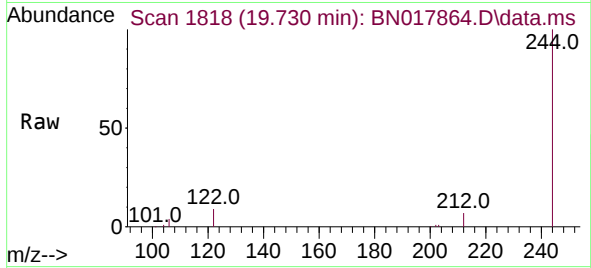




#31
 Terphenyl-d14
 Concen: 0.567 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN017864.D
 Acq: 10 Dec 2021 10:43

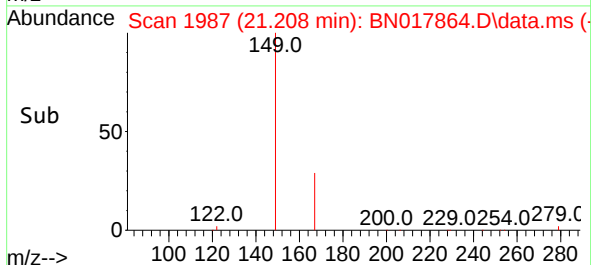
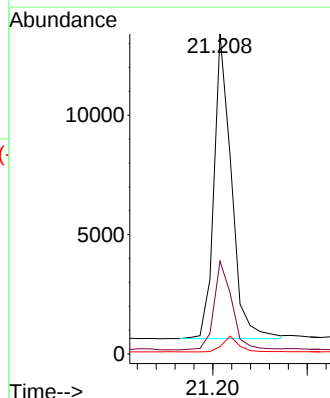
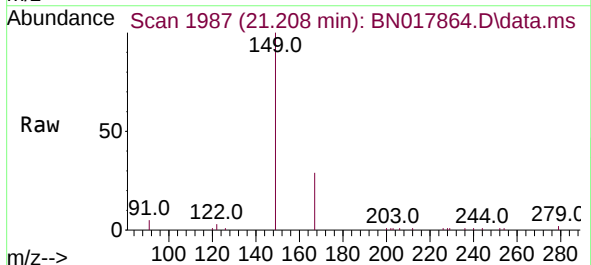
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20211201

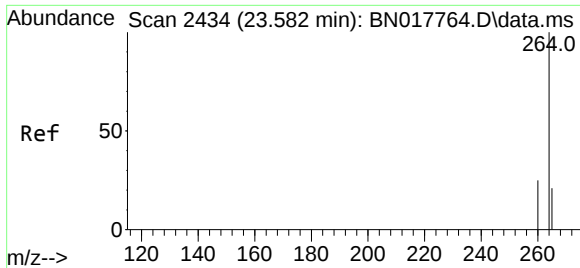
Tgt Ion:244 Resp: 118854
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.4 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017864.D
 Acq: 10 Dec 2021 10:43

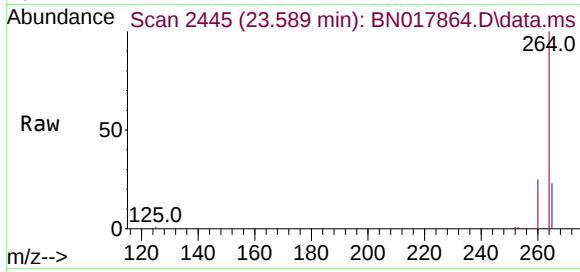
Tgt Ion:149 Resp: 16362
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.5 35.3
 279 4.9 3.8 5.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN017864.D
Acq: 10 Dec 2021 10:43

Instrument :
BNA_N
ClientSampleId :
RE105D2-20211201



Tgt Ion:264 Resp: 65190

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	22.7	20.5	30.7

