

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
 Data File : BN017510.D
 Acq On : 18 Nov 2021 15:51
 Operator : CG/JU
 Sample : M4740-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721

Quant Time: Nov 18 16:30:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

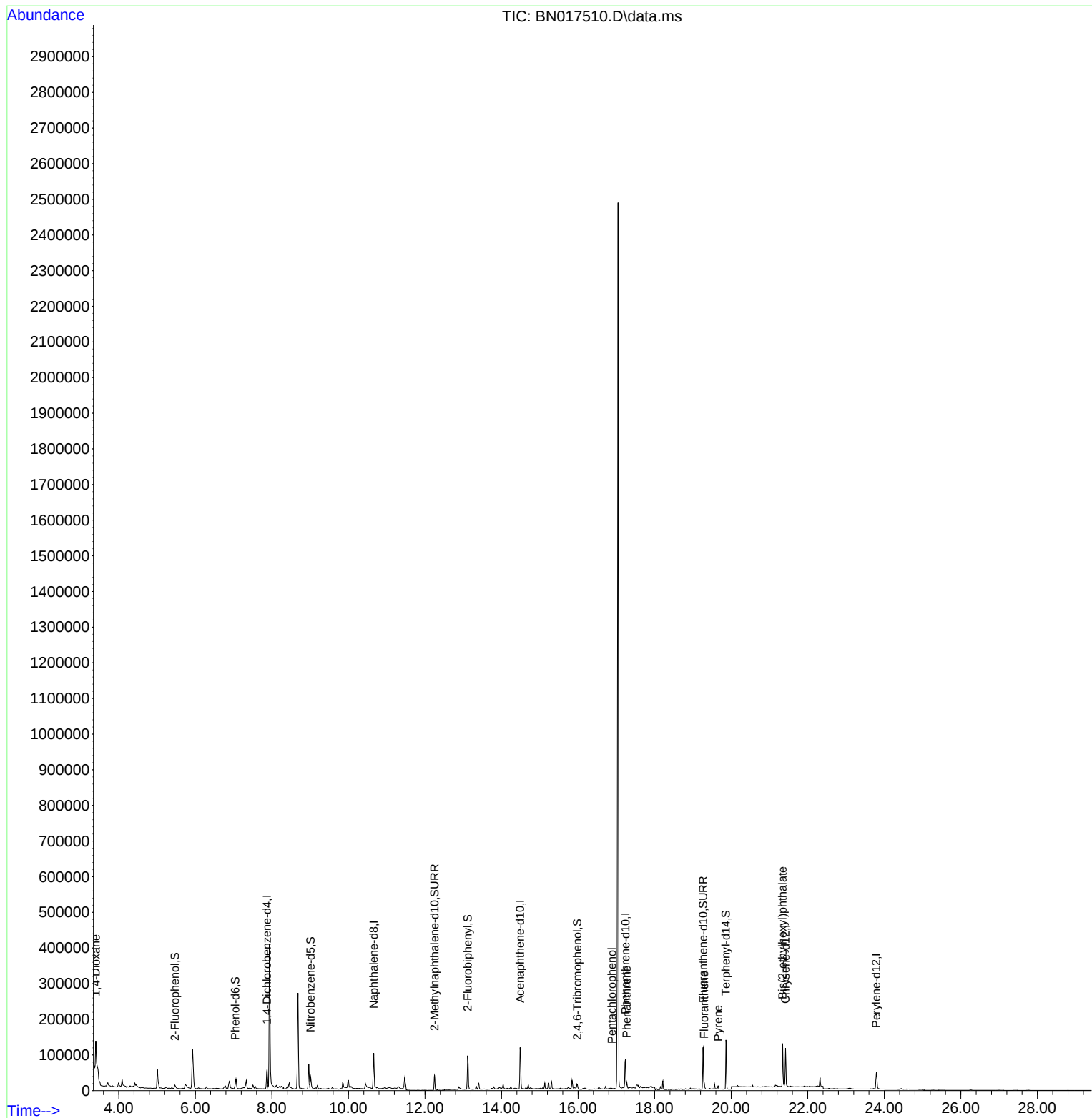
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	28828	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	127797	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	69839	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	121241	0.400	ng	0.00
29) Chrysene-d12	21.420	240	95112	0.400	ng	# 0.00
35) Perylene-d12	23.794	264	70757	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.467	112	9750	0.142	ng	0.02
5) Phenol-d6	7.044	99	7463	0.101	ng	0.00
8) Nitrobenzene-d5	9.014	82	26715	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	57225	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	9848	0.555	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	78935	0.300	ng	-0.01
27) Fluoranthene-d10	19.268	212	133859	0.370	ng	0.00
31) Terphenyl-d14	19.863	244	139117	0.596	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	50571	3.984	ng	100
24) Pentachlorophenol	16.885	266	683	0.123	ng	96
25) Phenanthrene	17.274	178	16427	0.049	ng	99
28) Fluoranthene	19.297	202	14129	0.040	ng	97
30) Pyrene	19.660	202	8347	0.024	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.345	149	97115	0.631	ng	99

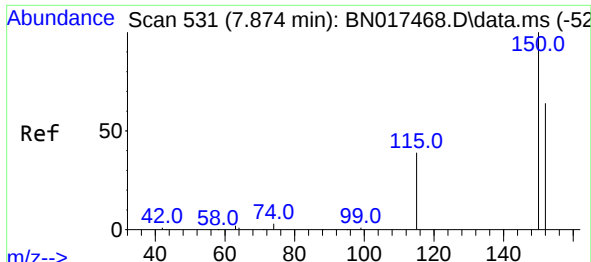
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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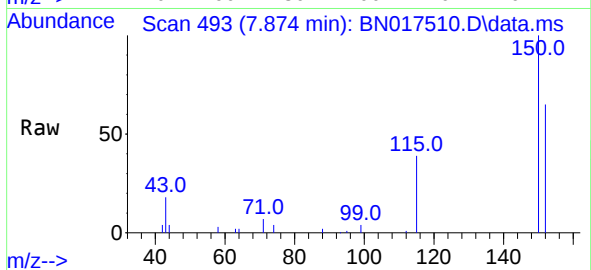
Quant Time: Nov 18 16:30:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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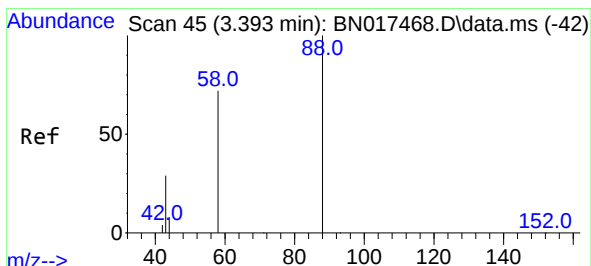
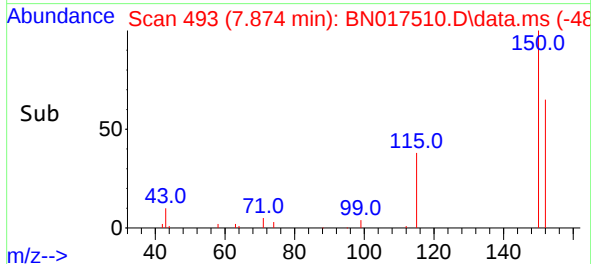
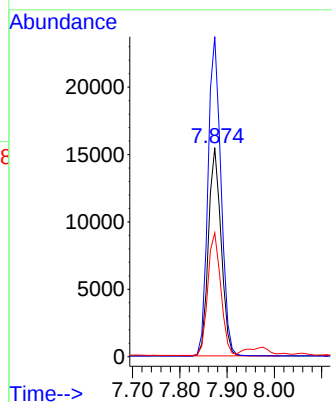


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721

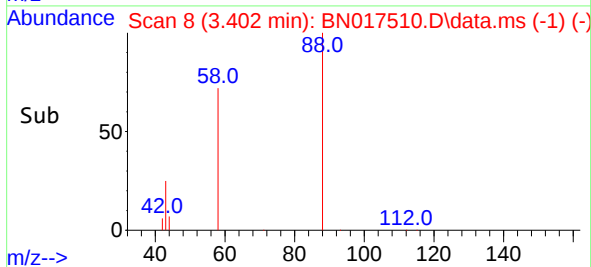
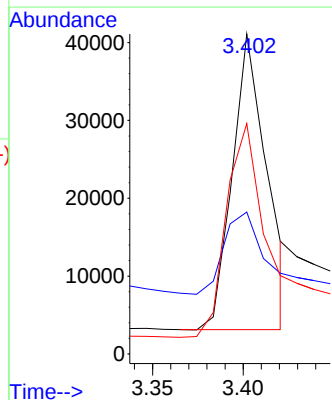
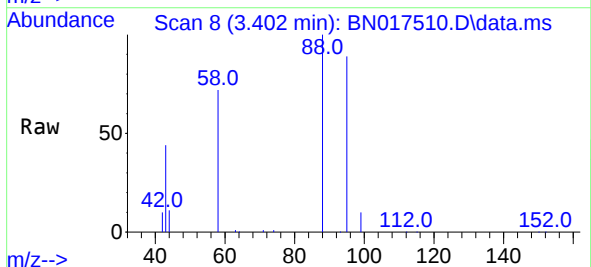


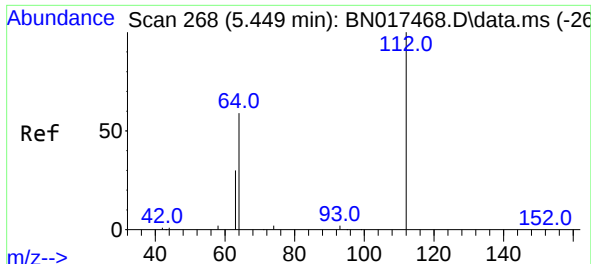
Tgt Ion: 152 Resp: 28828
Ion Ratio Lower Upper
152 100
150 153.2 123.0 184.4
115 59.3 45.6 68.4



#2
1,4-Dioxane
Concen: 3.984 ng
RT: 3.402 min Scan# 8
Delta R.T. 0.009 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion: 88 Resp: 50571
Ion Ratio Lower Upper
88 100
43 31.3 24.7 37.1
58 78.9 63.0 94.6

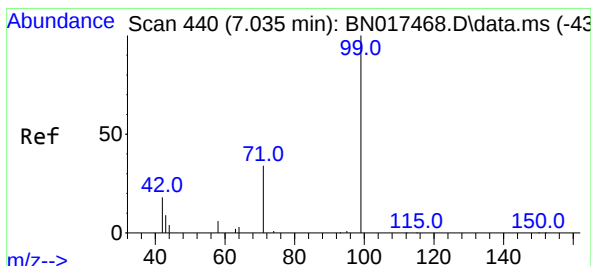
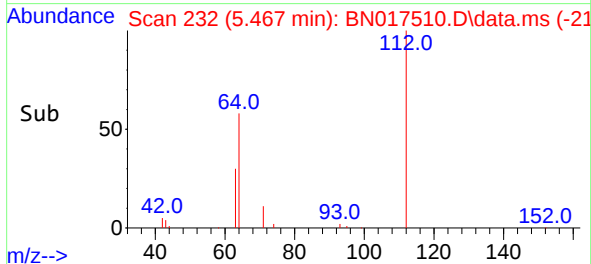
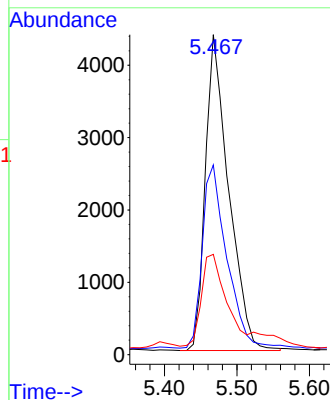
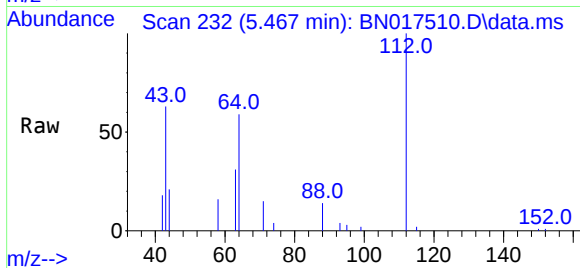




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.467 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

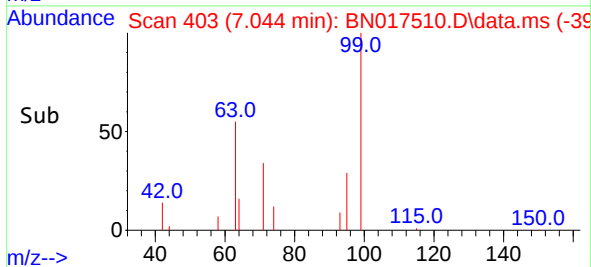
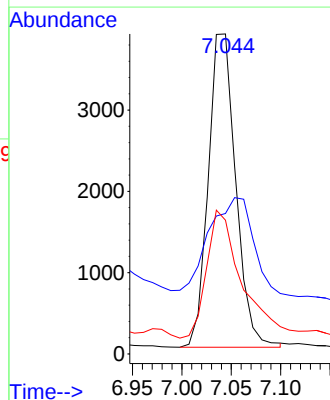
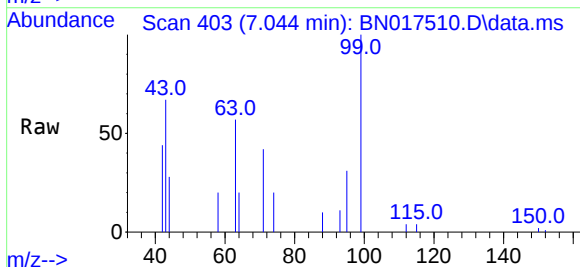
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ClientSampleId :
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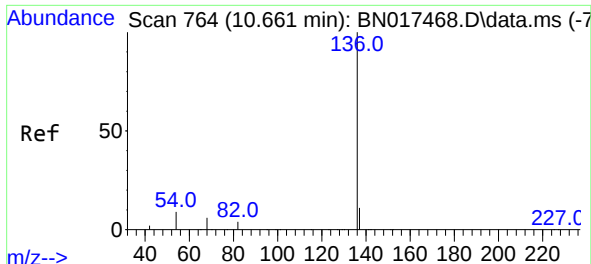
Tgt Ion:112 Resp: 9750
Ion Ratio Lower Upper
112 100
64 60.7 47.6 71.4
63 35.3 24.6 37.0



#5
Phenol-d6
Concen: 0.101 ng
RT: 7.044 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion: 99 Resp: 7463
Ion Ratio Lower Upper
99 100
42 48.5 17.0 25.6#
71 51.5 24.8 37.2#

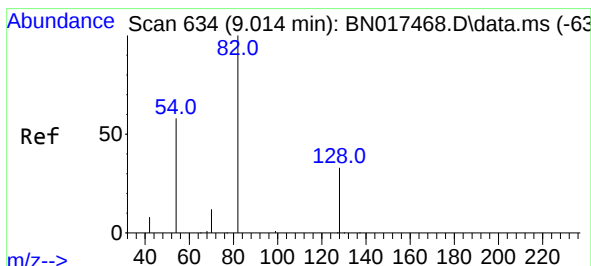
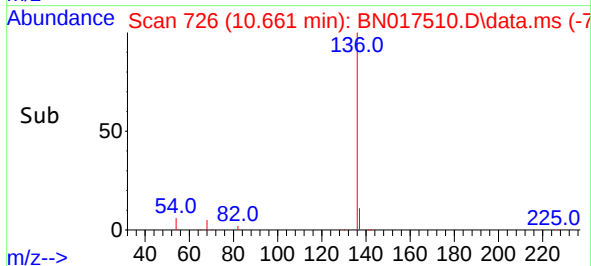
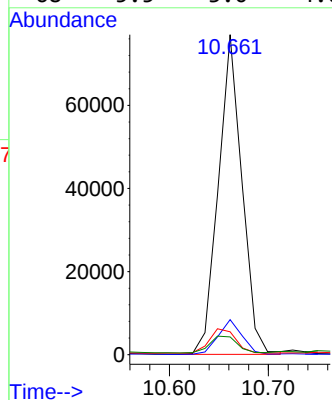
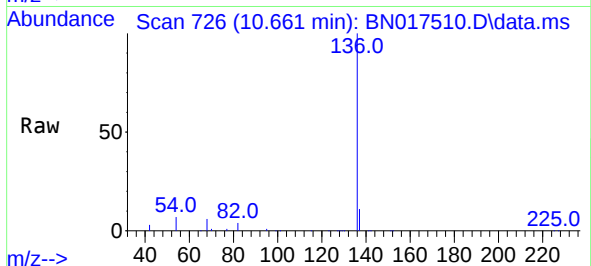




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

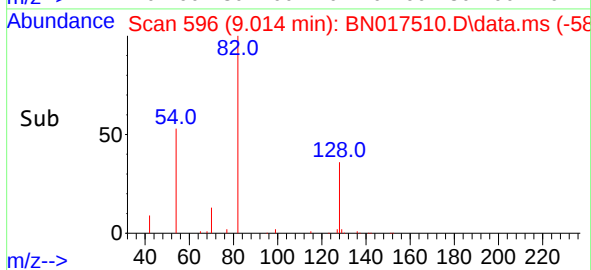
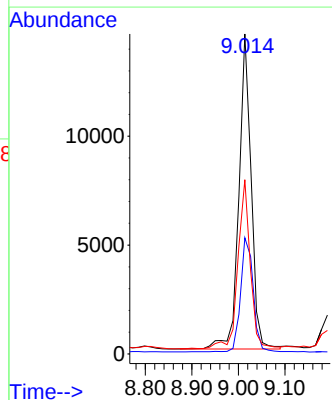
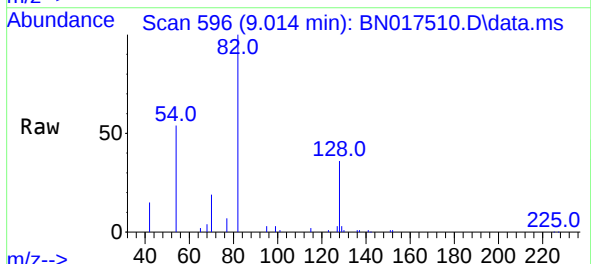
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721

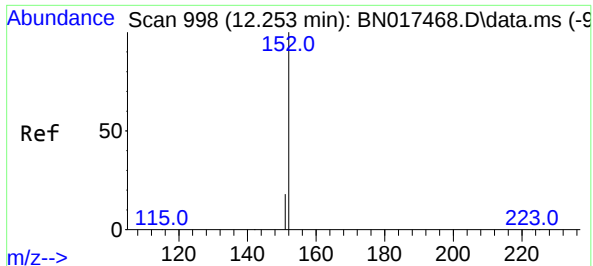
Tgt Ion:136 Resp: 127797
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.2 4.0 6.0#
68 5.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.014 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion: 82 Resp: 26715
Ion Ratio Lower Upper
82 100
128 36.3 27.7 41.5
54 54.4 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

RT: 12.248 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017510.D

Acq: 18 Nov 2021 15:51

Instrument :

BNA_N

ClientSampleId :

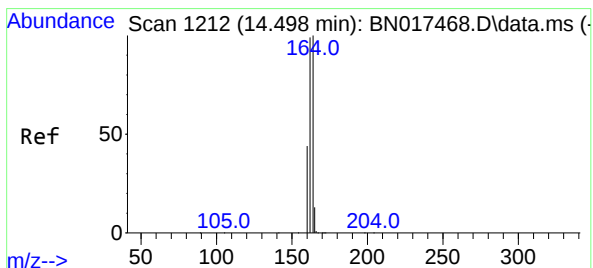
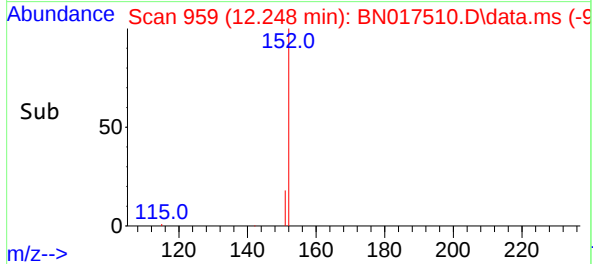
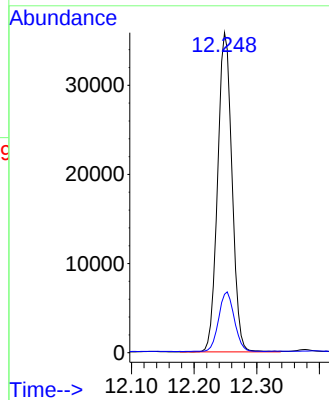
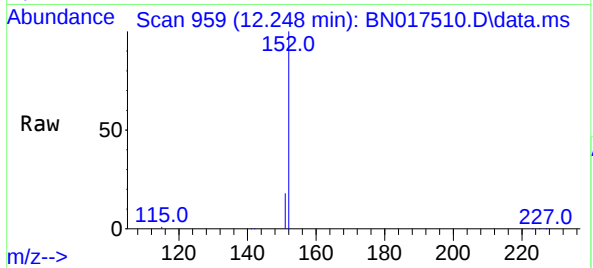
GWBR3D-B-290-311-111721

Tgt Ion:152 Resp: 57225

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1173

Delta R.T. -0.013 min

Lab File: BN017510.D

Acq: 18 Nov 2021 15:51

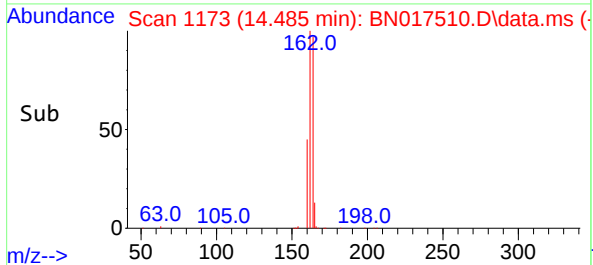
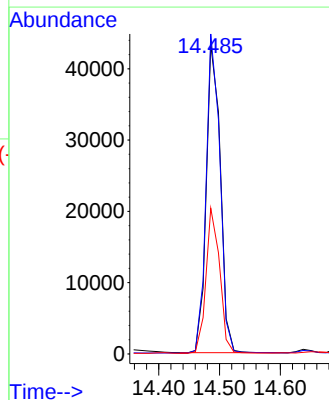
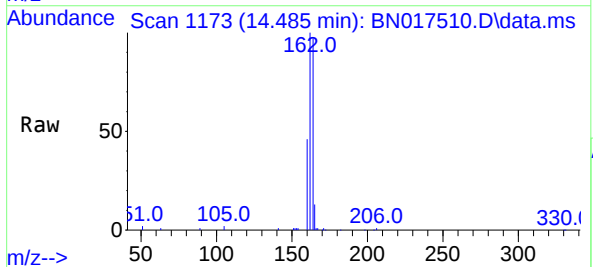
Tgt Ion:164 Resp: 69839

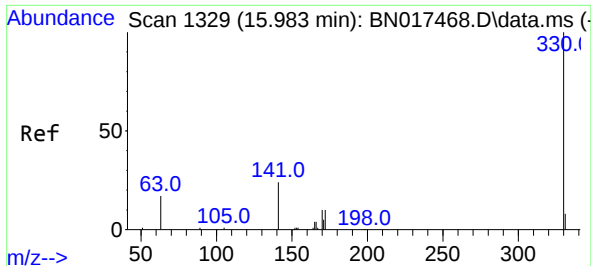
Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.2

160 47.1 36.8 55.2

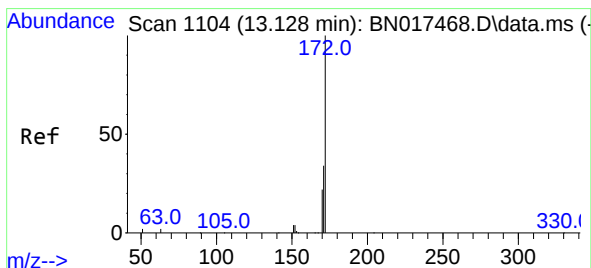
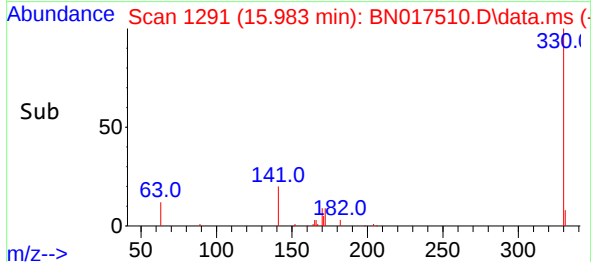
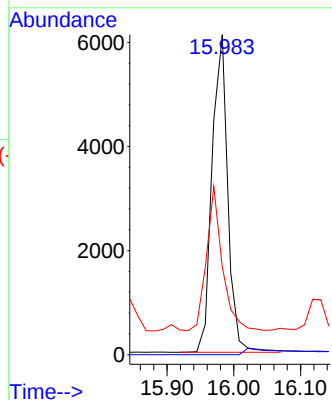
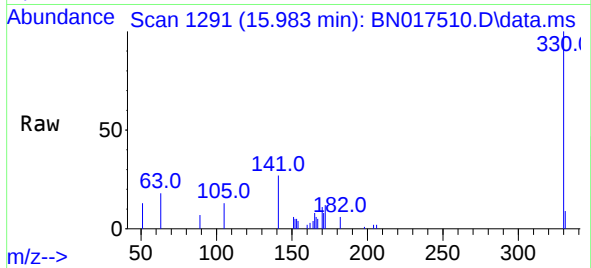




#14
2,4,6-Tribromophenol
Concen: 0.555 ng
RT: 15.983 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

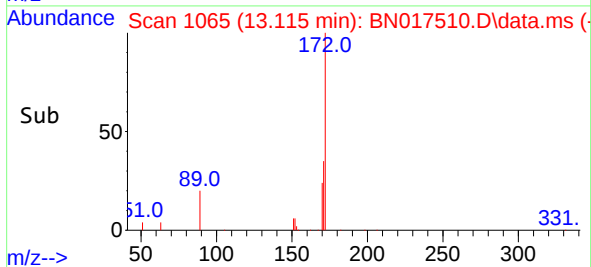
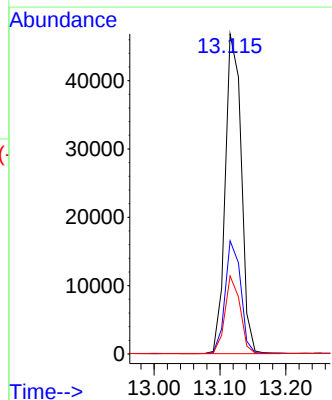
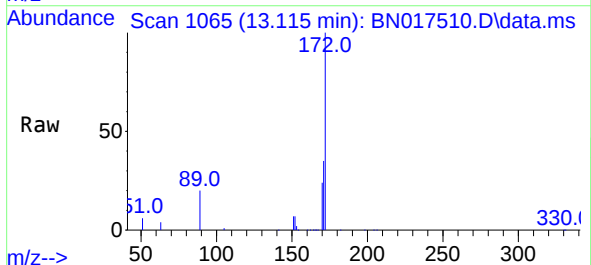
Instrument :
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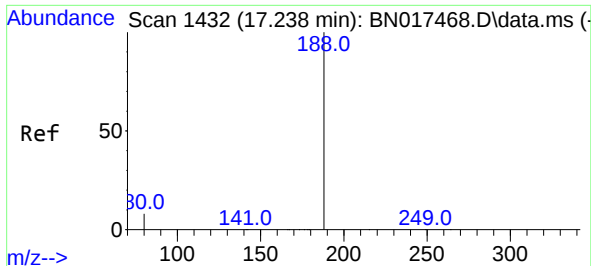
Tgt Ion:330 Resp: 9848
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.8 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.115 min Scan# 1065
Delta R.T. -0.013 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion:172 Resp: 78935
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.4 19.4 29.2

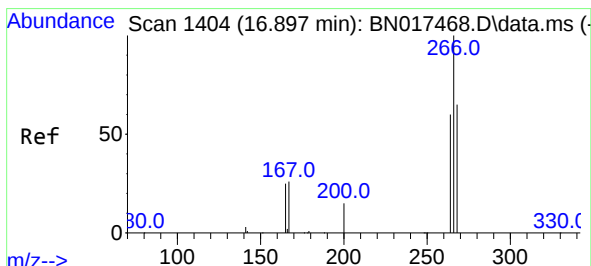
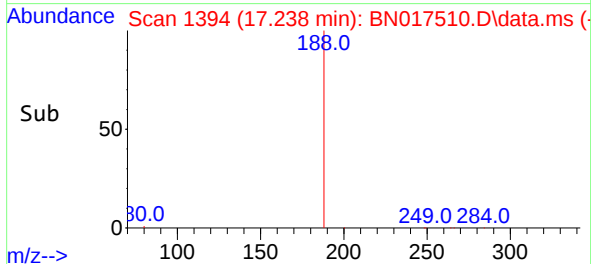
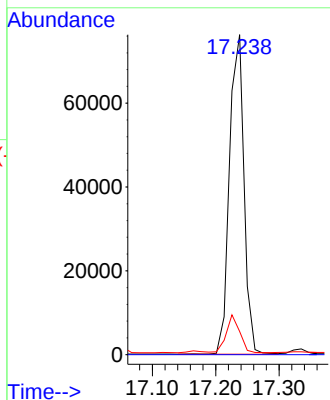
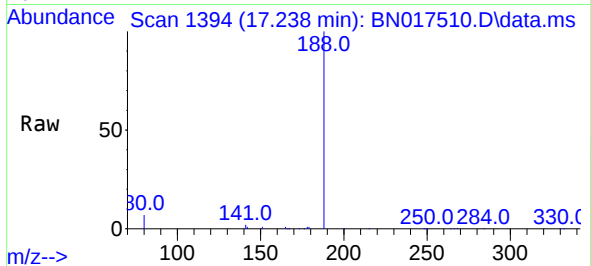




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

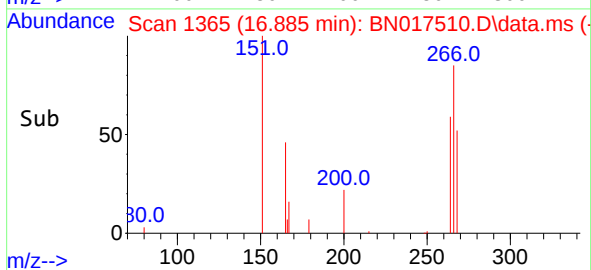
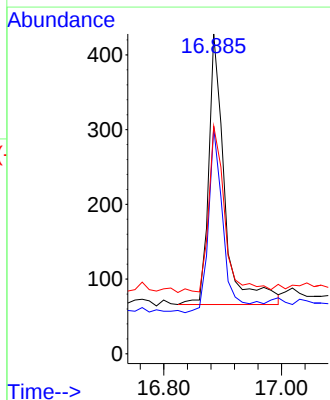
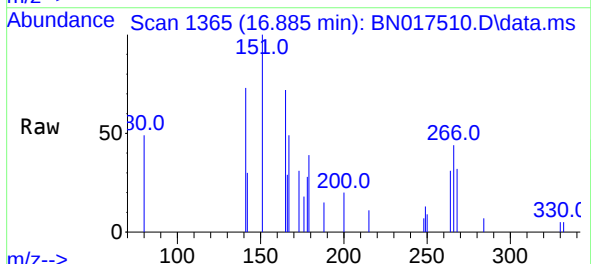
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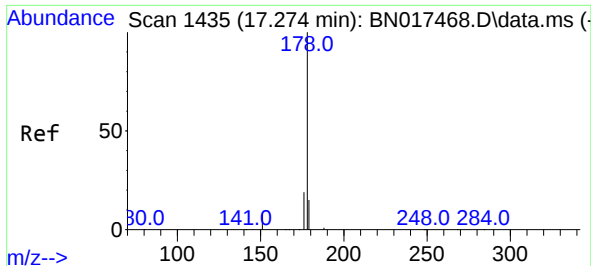
Tgt Ion:188 Resp: 121241
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 6.1 9.1



#24
Pentachlorophenol
Concen: 0.123 ng
RT: 16.885 min Scan# 1365
Delta R.T. -0.012 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion:266 Resp: 683
Ion Ratio Lower Upper
266 100
264 61.8 49.8 74.8
268 58.6 51.3 76.9

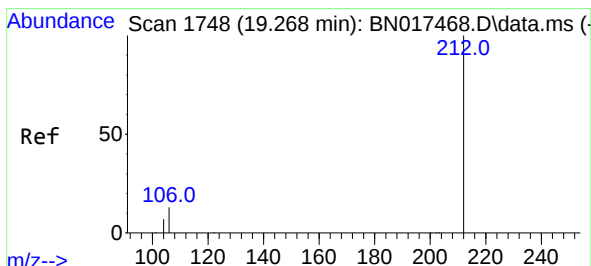
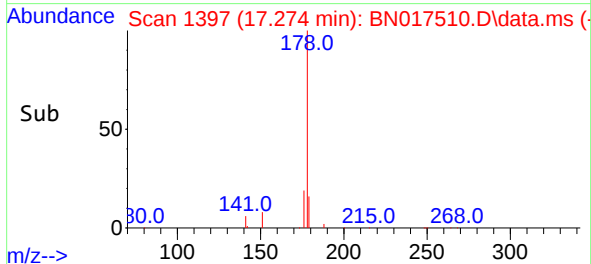
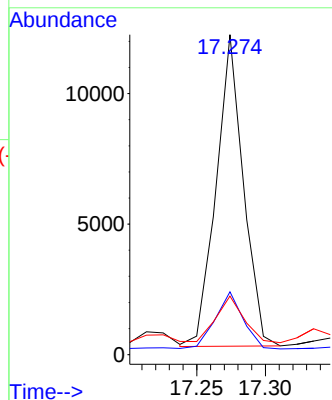
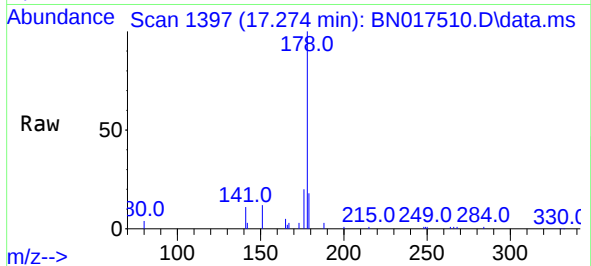




#25
Phenanthrene
Concen: 0.049 ng
RT: 17.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

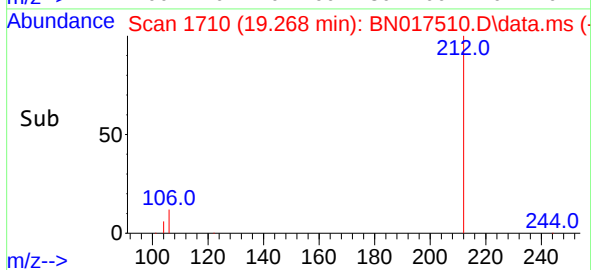
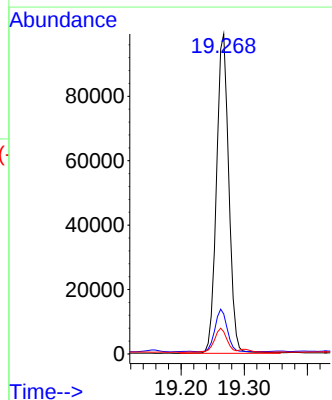
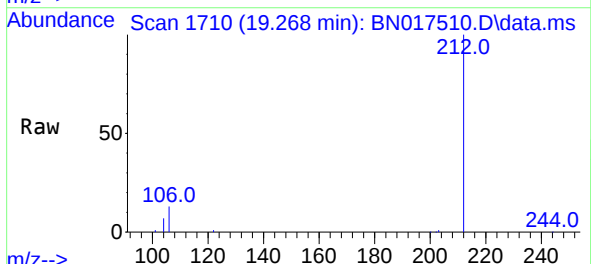
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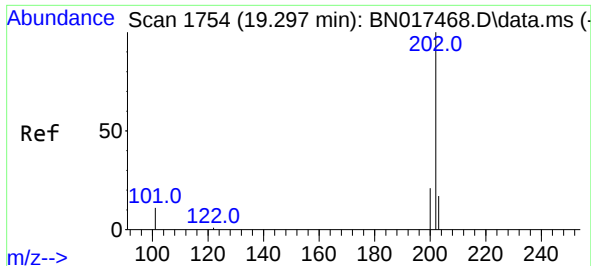
Tgt Ion:178	Resp:	16427
Ion	Ratio	Lower Upper
178	100	
176	19.5	15.0 22.6
179	15.2	12.3 18.5



#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.268 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion:212	Resp:	133859
Ion	Ratio	Lower Upper
212	100	
106	13.2	10.5 15.7
104	7.7	5.8 8.6

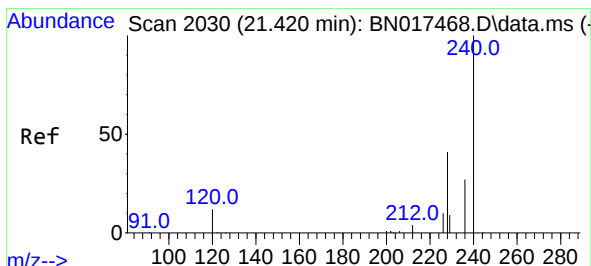
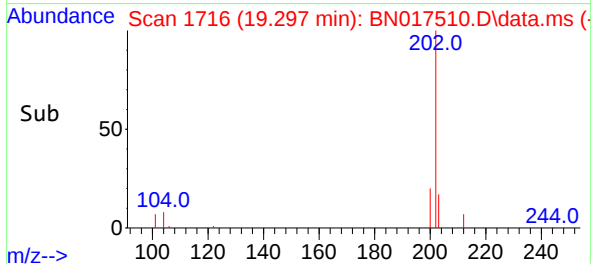
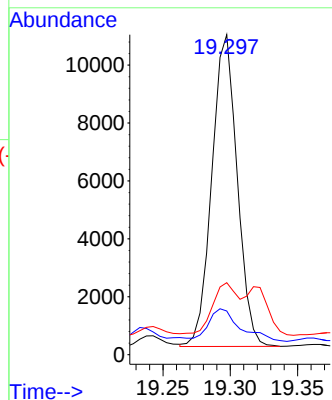
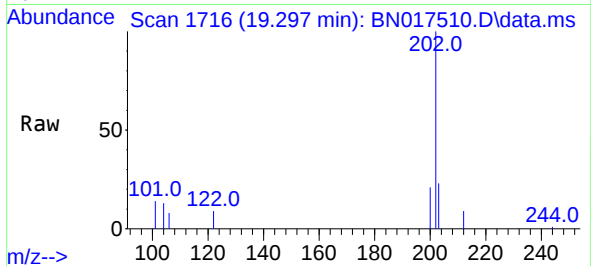




#28
Fluoranthene
Concen: 0.040 ng
RT: 19.297 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

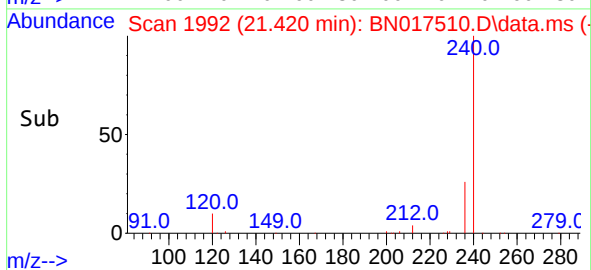
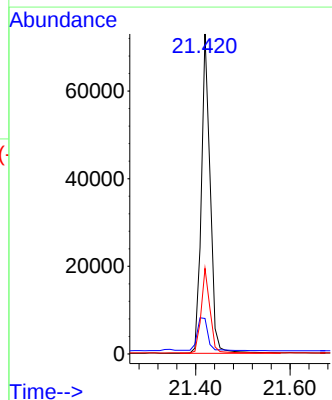
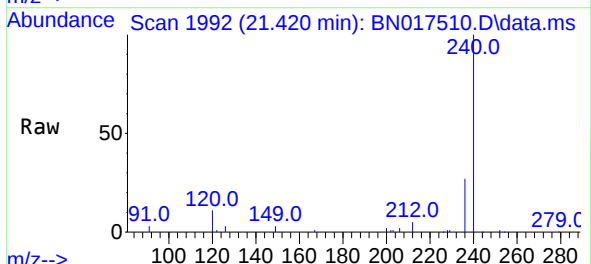
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721

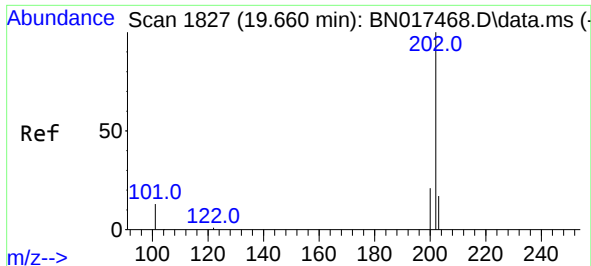
Tgt Ion:202 Resp: 14129
Ion Ratio Lower Upper
202 100
101 12.9 8.9 13.3
203 16.2 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion:240 Resp: 95112
Ion Ratio Lower Upper
240 100
120 11.1 4.2 6.2#
236 26.8 20.0 30.0

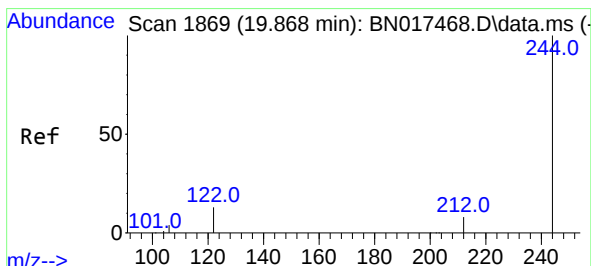
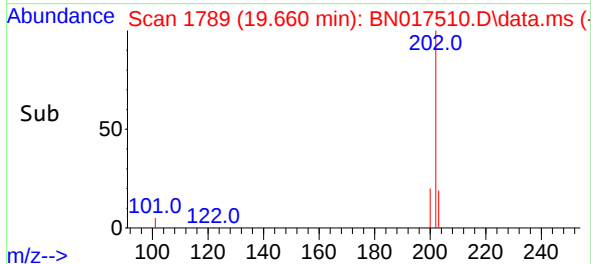
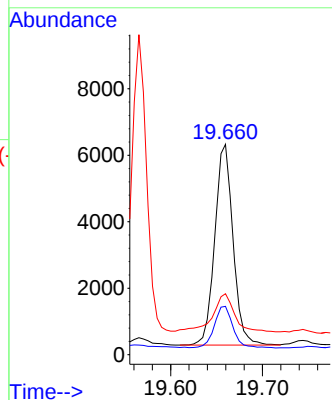
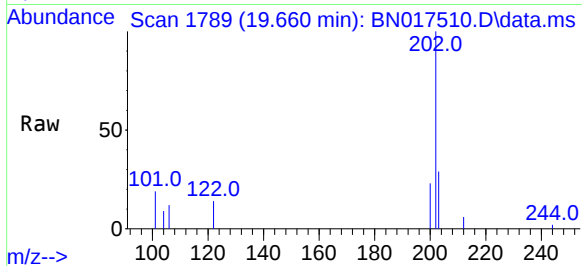




#30
Pyrene
Concen: 0.024 ng
RT: 19.660 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

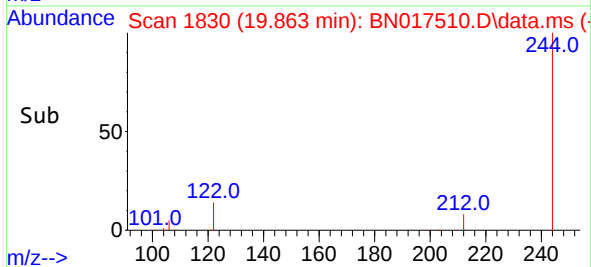
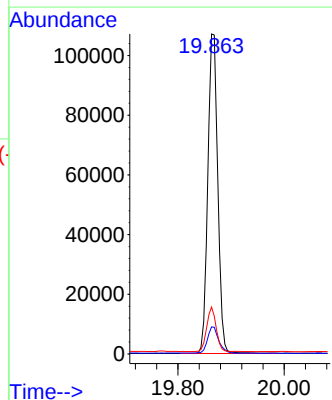
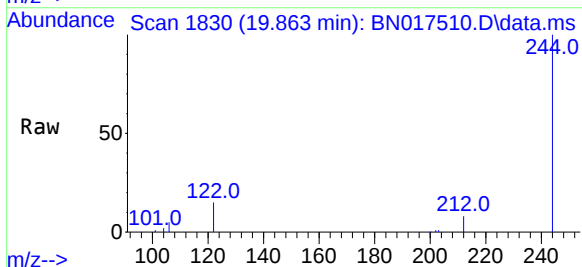
Instrument :
BNA_N
ClientSampleId :
GWR3D-B-290-311-111721

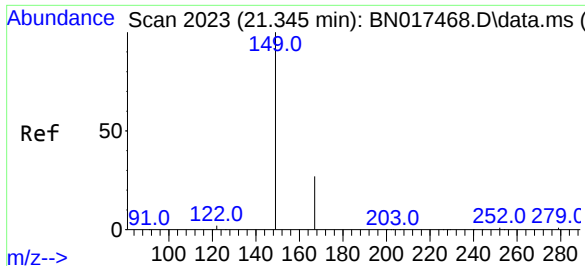
Tgt Ion:202 Resp: 8347
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 22.3 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.596 ng
RT: 19.863 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion:244 Resp: 139117
Ion Ratio Lower Upper
244 100
212 8.5 5.7 8.5
122 14.7 8.6 13.0#

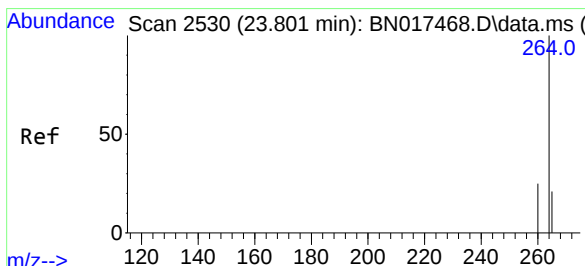
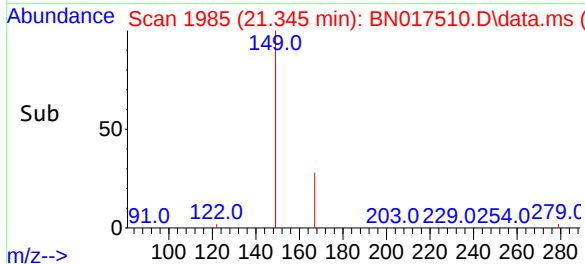
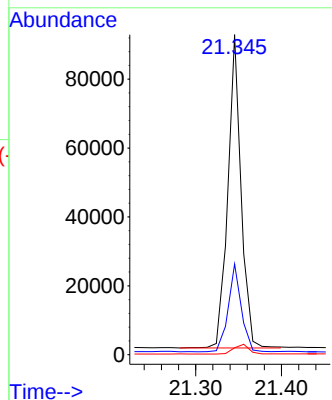
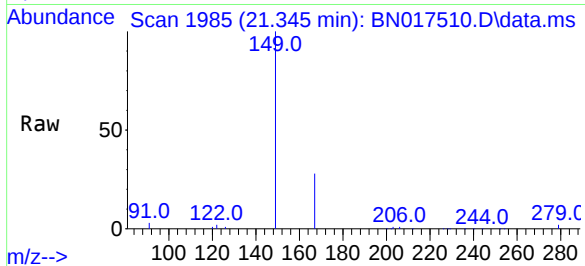




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.631 ng
RT: 21.345 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721

Tgt Ion:	149	Resp:	97115
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.8	32.6
279	3.5	3.4	5.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.794 min Scan# 2490
Delta R.T. -0.007 min
Lab File: BN017510.D
Acq: 18 Nov 2021 15:51

Tgt Ion:	264	Resp:	70757
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.4	29.2
265	26.6	18.6	28.0

