

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120221\
 Data File : BN017688.D
 Acq On : 02 Dec 2021 18:50
 Operator : CG/JU
 Sample : M4853-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-BA-472-493-112921

Quant Time: Dec 03 02:25:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 02 01:51:49 2021
 Response via : Initial Calibration

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

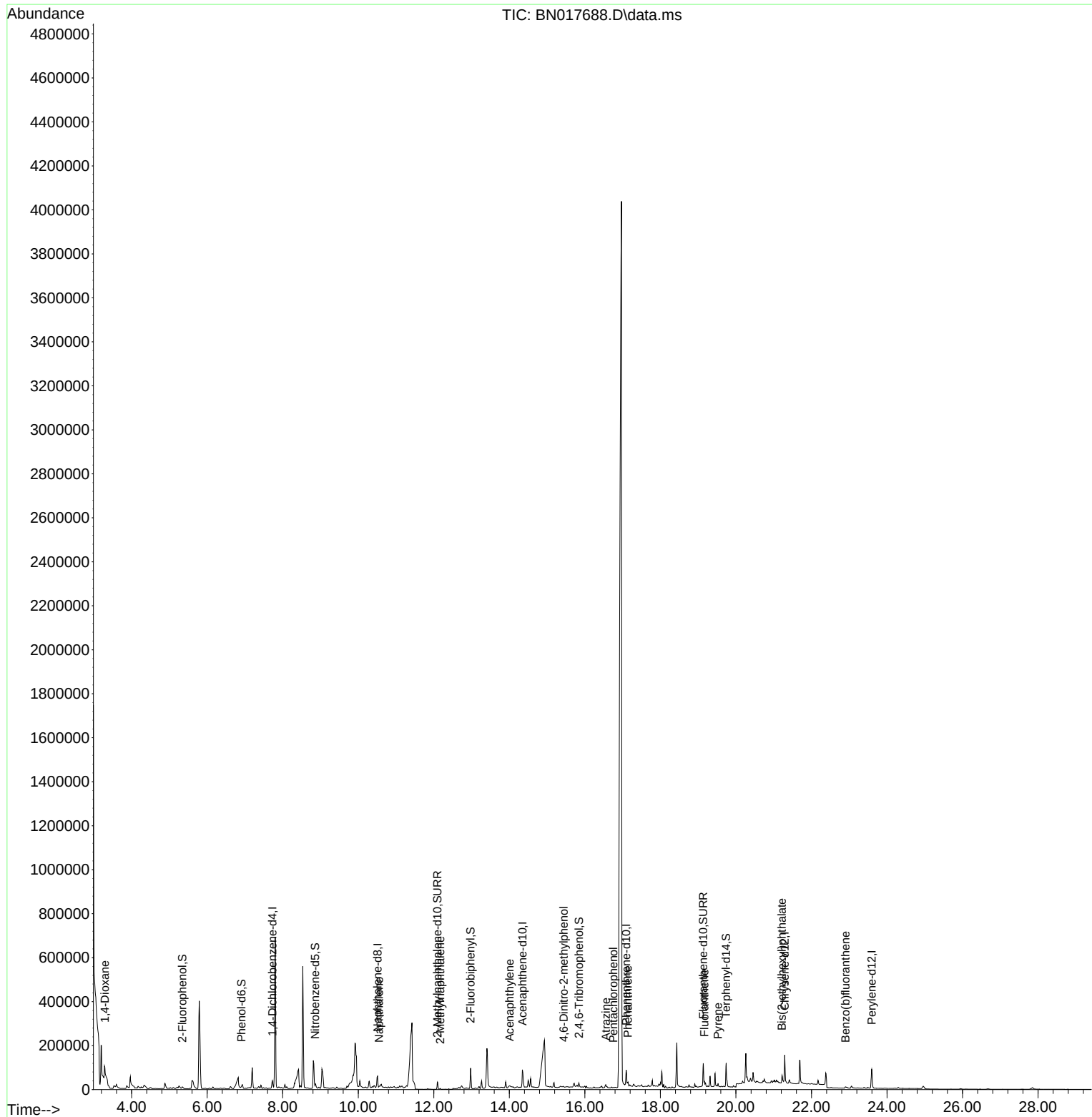
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	17781	0.400	ng	0.00
7) Naphthalene-d8	10.510	136	72331	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	49222	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	97871	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	115063	0.400	ng	# 0.01
35) Perylene-d12	23.596	264	120255	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.339	112	7454	0.185	ng	0.00
5) Phenol-d6	6.906	99	5062	0.119	ng	0.00
8) Nitrobenzene-d5	8.862	82	21262	0.692	ng	-0.01
11) 2-Methylnaphthalene-d10	12.098	152	44926	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	14276	0.587	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	73133	0.382	ng	-0.01
27) Fluoranthene-d10	19.134	212	126997	0.415	ng	0.00
31) Terphenyl-d14	19.740	244	106317	0.421	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.292	88	51193	4.285	ng	94
9) Naphthalene	10.548	128	4699	0.026	ng	# 83
12) 2-Methylnaphthalene	12.169	142	2647	0.022	ng	# 69
16) Acenaphthylene	14.004	152	20340	0.106	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.438	198	11	0.058	ng	# 1
23) Atrazine	16.557	200	5451	0.247	ng	# 52
24) Pentachlorophenol	16.751	266	1039	0.220	ng	88
25) Phenanthrene	17.141	178	17014	0.063	ng	99
28) Fluoranthene	19.164	202	18793	0.062	ng	# 87
30) Pyrene	19.526	202	12461	0.034	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.218	149	37606	0.454	ng	# 89
37) Benzo(b)fluoranthene	22.901	252	9109	0.023	ng	# 28

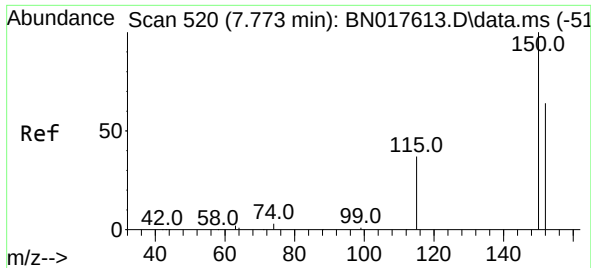
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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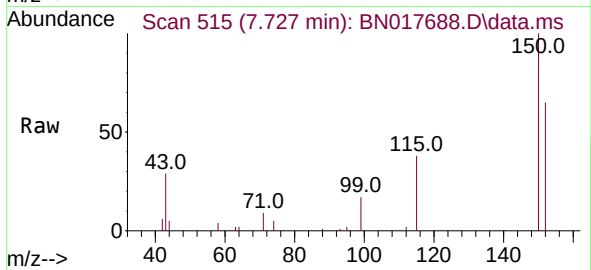
Quant Time: Dec 03 02:25:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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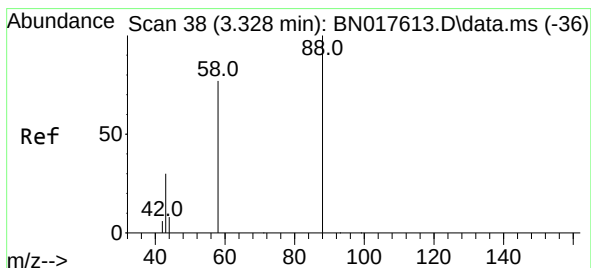
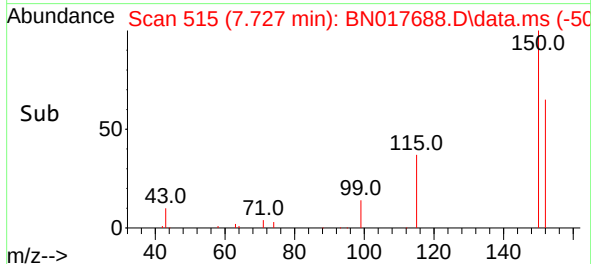
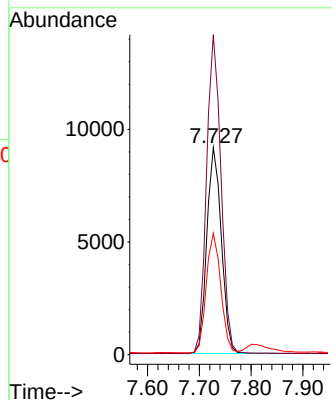


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.727 min Scan# 51
 Delta R.T. -0.009 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-BA-472-493-112921

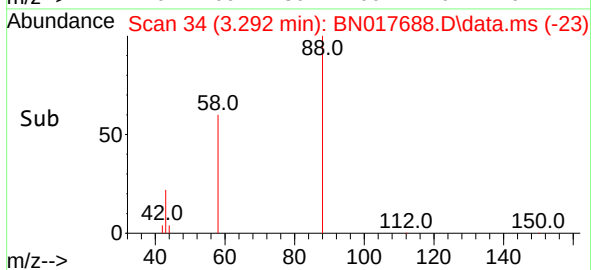
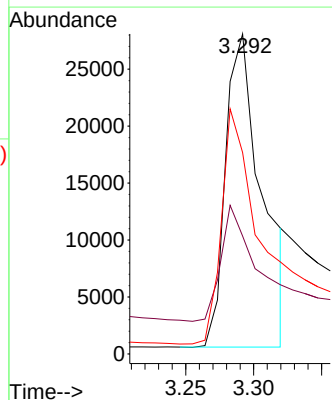
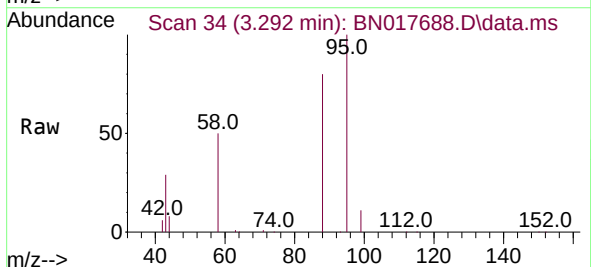


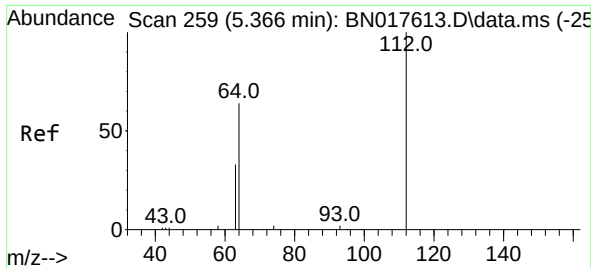
Tgt Ion: 152 Resp: 17781
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.4
 115 58.6 45.6 68.4



#2
 1,4-Dioxane
 Concen: 4.285 ng
 RT: 3.292 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

Tgt Ion: 88 Resp: 51193
 Ion Ratio Lower Upper
 88 100
 43 35.8 24.7 37.1
 58 74.5 63.0 94.6

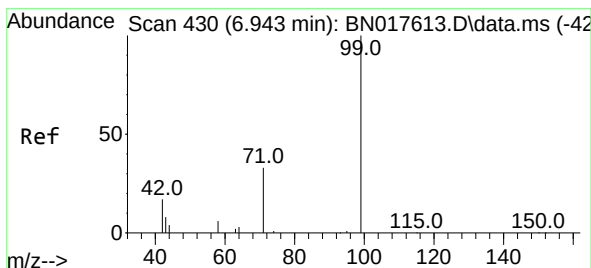
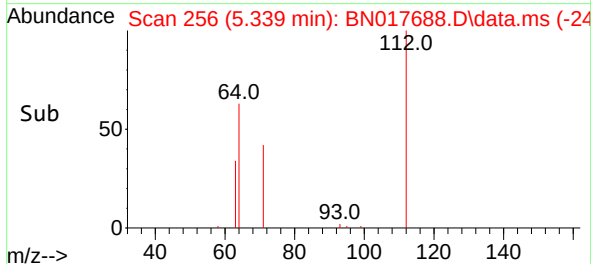
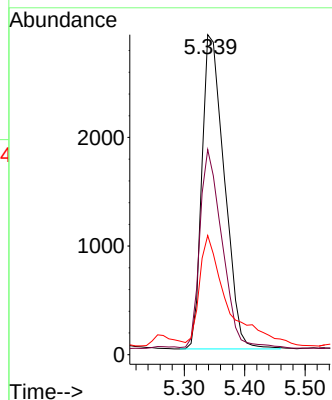
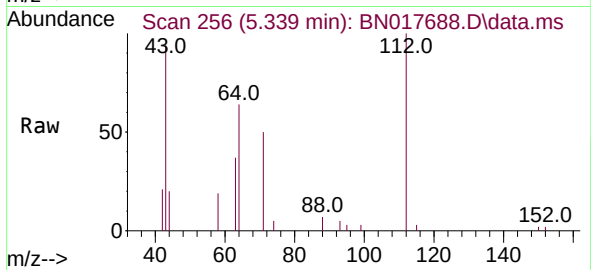




#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.339 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

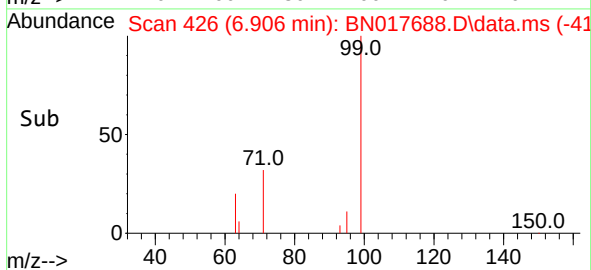
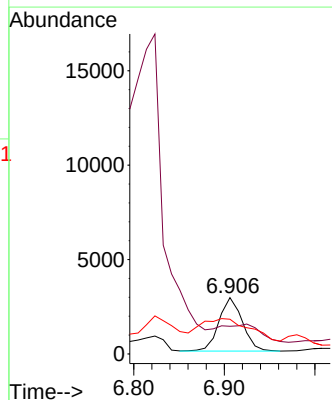
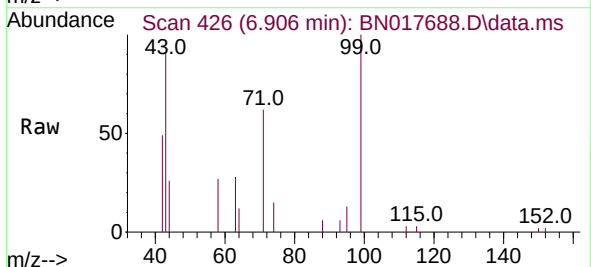
Instrument :
BNA_N
ClientSampleId :
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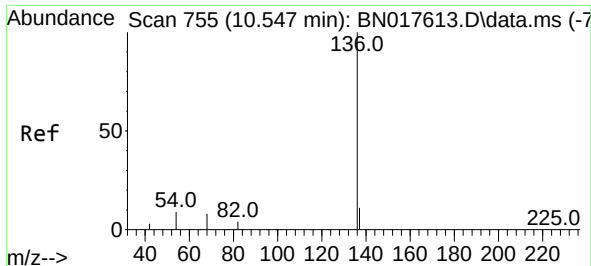
Tgt Ion:112 Resp: 7454
Ion Ratio Lower Upper
112 100
64 62.2 47.6 71.4
63 39.1 24.6 37.0#



#5
Phenol-d6
Concen: 0.119 ng
RT: 6.906 min Scan# 426
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion: 99 Resp: 5062
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 85.4 24.8 37.2#

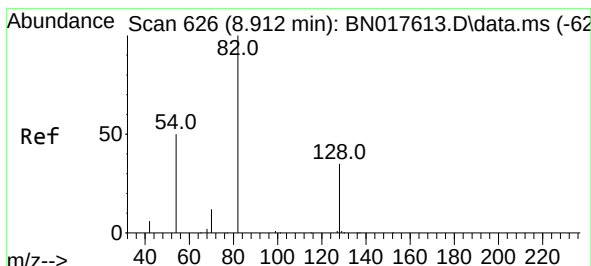
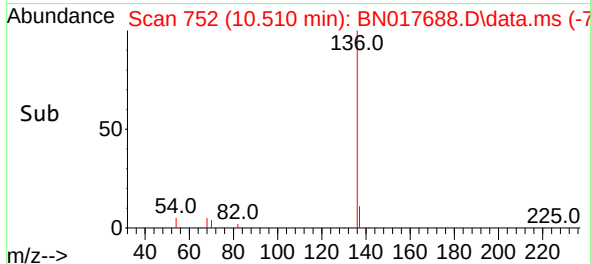
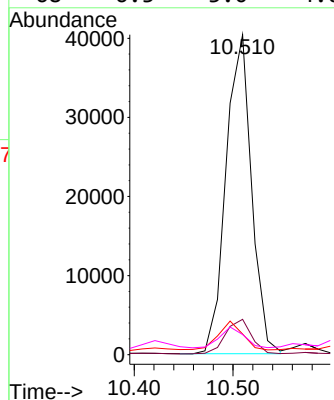
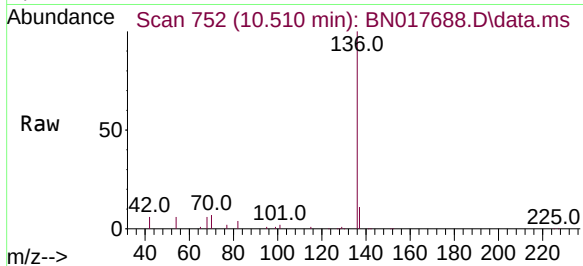




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

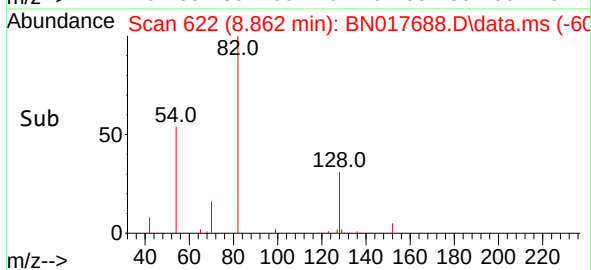
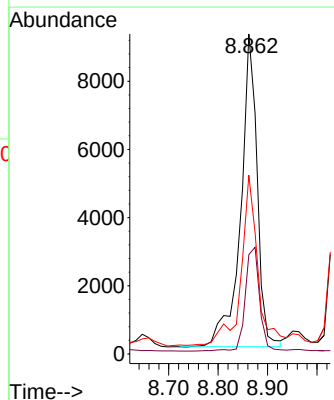
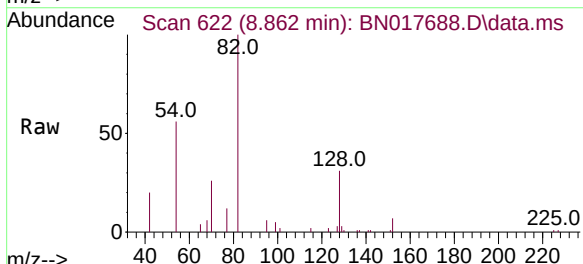
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921

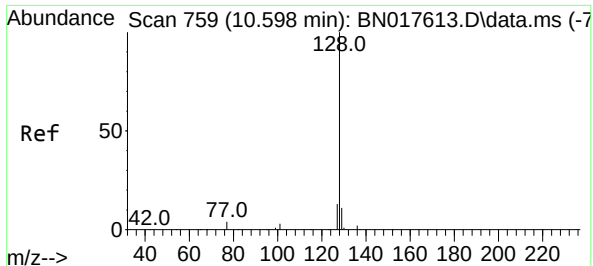
Tgt Ion:136	Resp:	72331
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.4	4.0 6.0#
68	6.3	3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.692 ng
RT: 8.862 min Scan# 622
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion: 82	Resp:	21262
Ion Ratio	Lower	Upper
82	100	
128	31.1	27.7 41.5
54	55.9	49.2 73.8

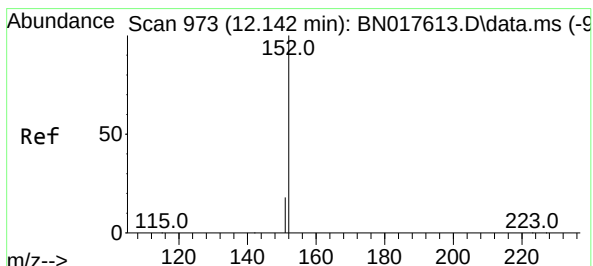
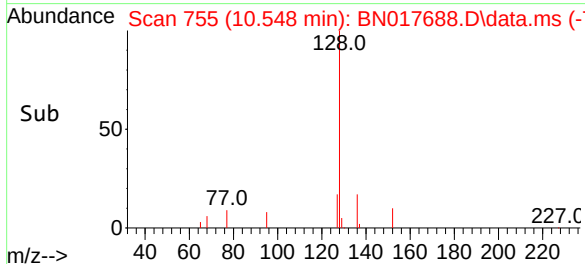
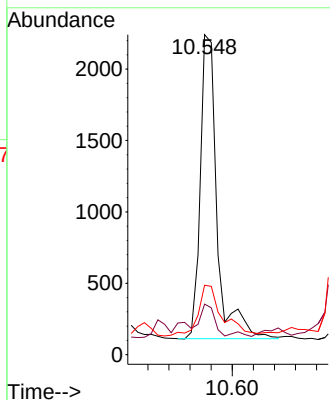
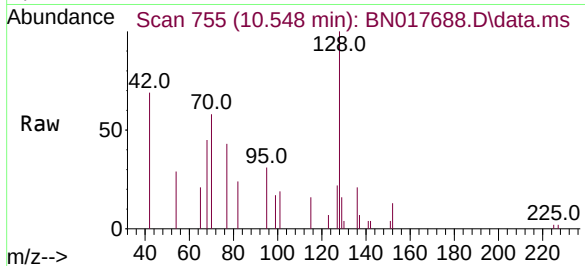




#9
Naphthalene
Concen: 0.026 ng
RT: 10.548 min Scan# 71
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

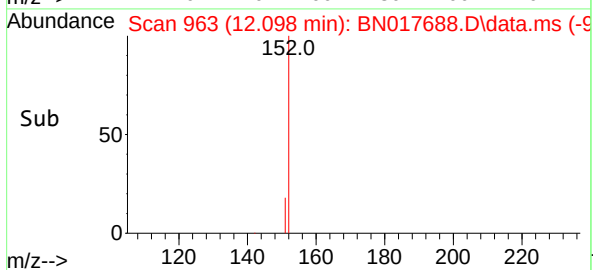
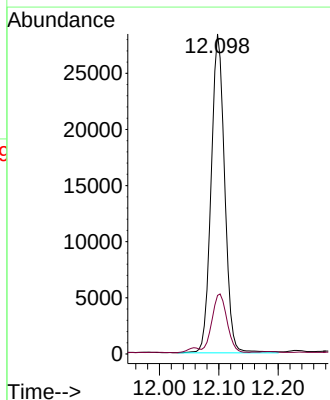
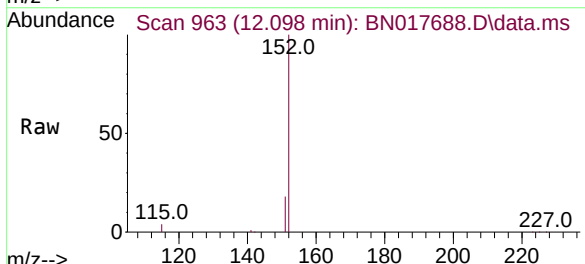
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921

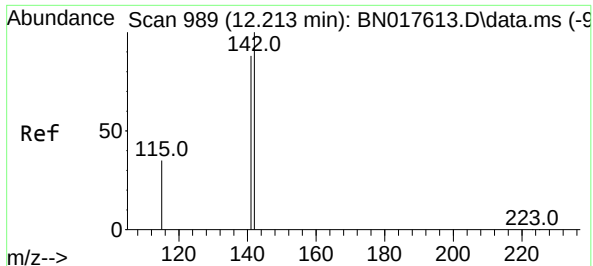
Tgt Ion:128 Resp: 4699
Ion Ratio Lower Upper
128 100
129 15.8 8.8 13.2#
127 21.7 10.6 15.8#



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.098 min Scan# 963
Delta R.T. -0.009 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:152 Resp: 44926
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 12.169 min Scan# 91

Delta R.T. -0.013 min

Lab File: BN017688.D

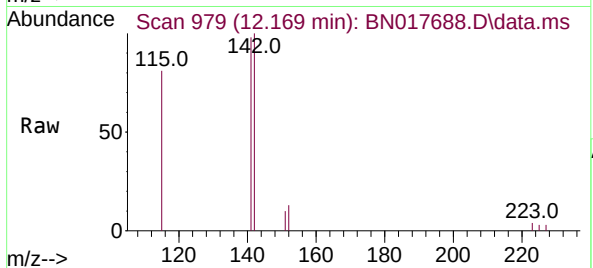
Acq: 02 Dec 2021 18:50

Instrument :

BNA_N

ClientSampleId :

GWBR3D-BA-472-493-112921



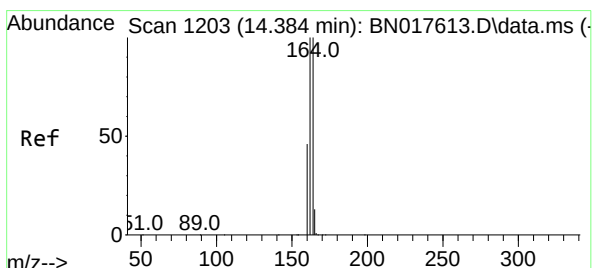
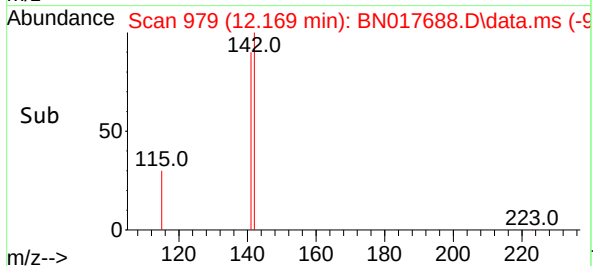
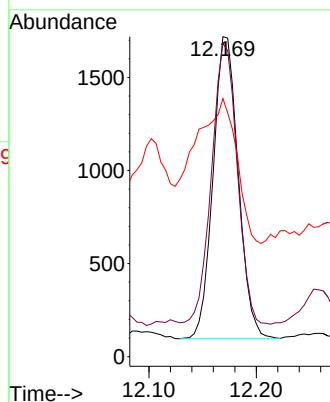
Tgt Ion:142 Resp: 2647

Ion Ratio Lower Upper

142 100

141 98.0 70.6 106.0

115 80.6 25.8 38.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.346 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BN017688.D

Acq: 02 Dec 2021 18:50

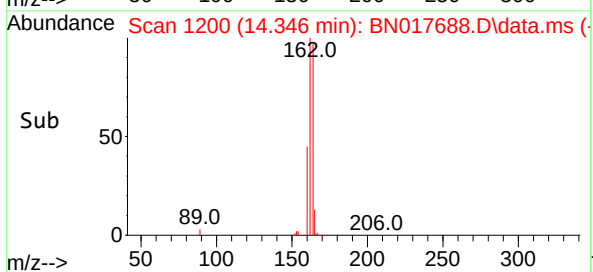
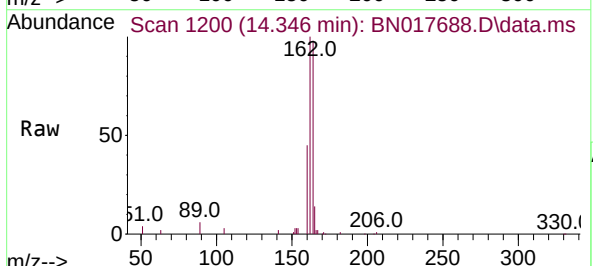
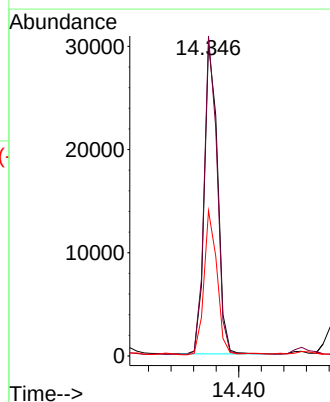
Tgt Ion:164 Resp: 49222

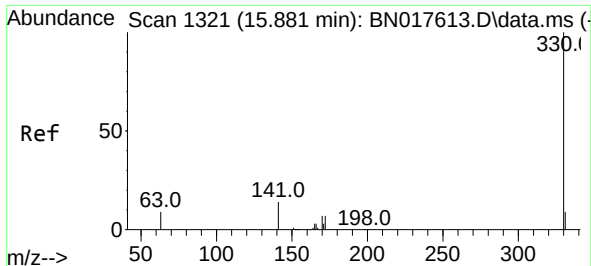
Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

160 46.5 36.8 55.2

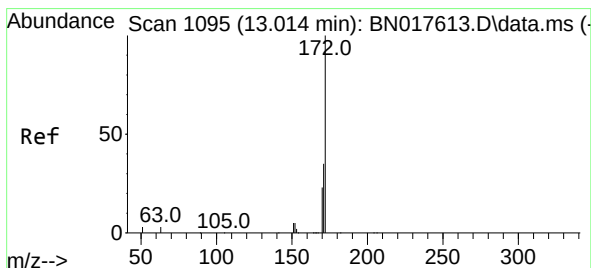
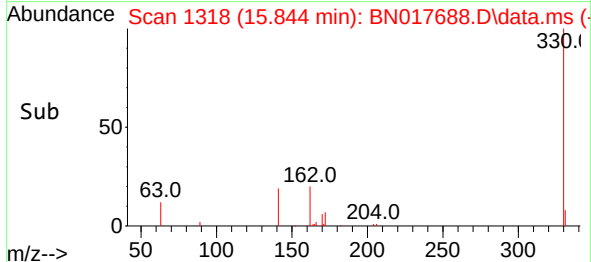
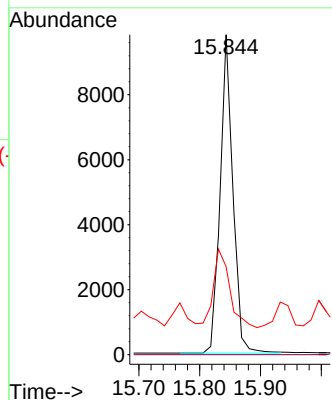
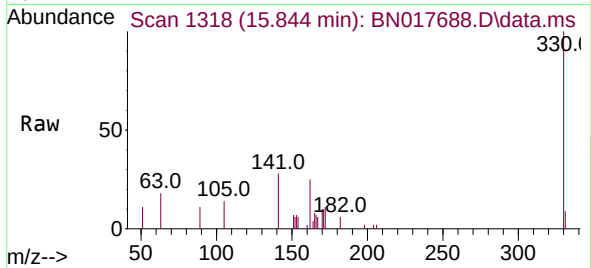




#14
2,4,6-Tribromophenol
Concen: 0.587 ng
RT: 15.844 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

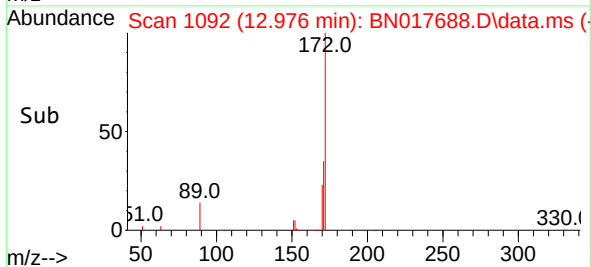
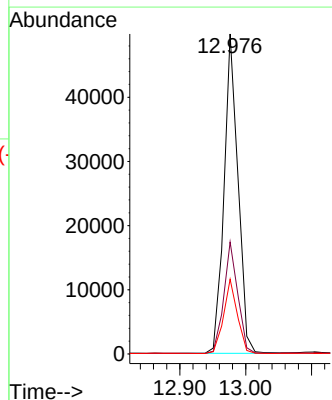
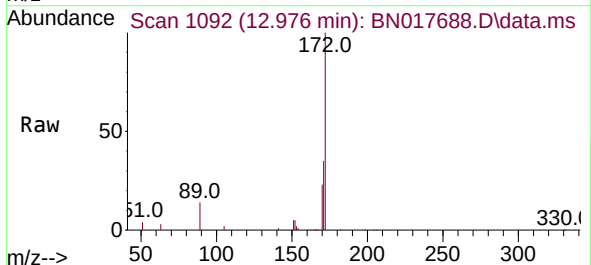
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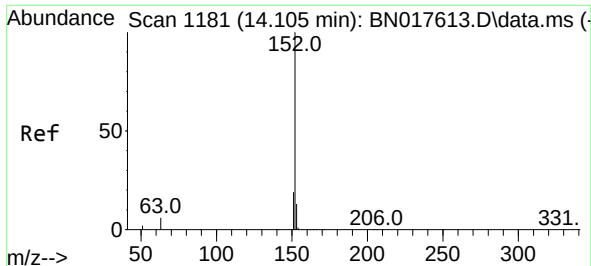
Tgt Ion:330 Resp: 14276
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.976 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:172 Resp: 73133
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.4 19.4 29.2

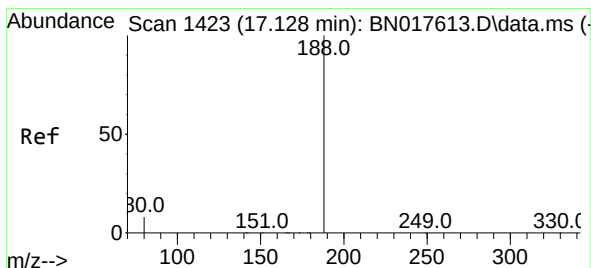
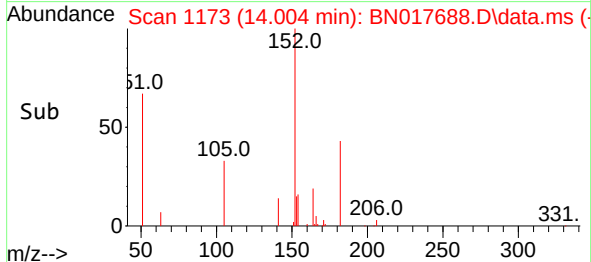
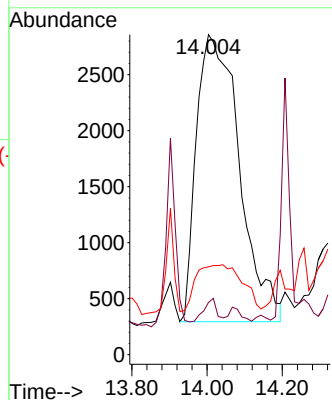
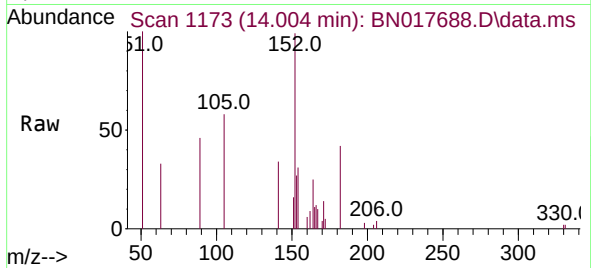




#16
Acenaphthylene
Concen: 0.106 ng
RT: 14.004 min Scan# 1181
Delta R.T. -0.076 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

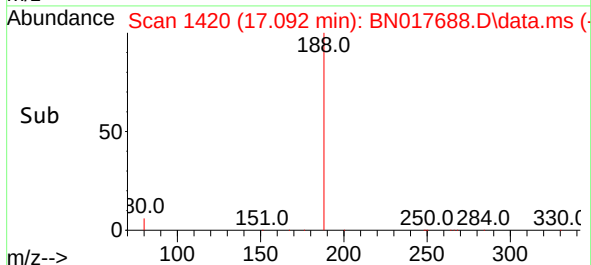
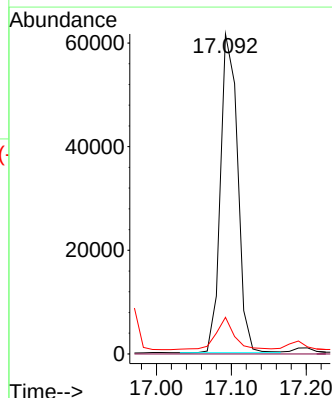
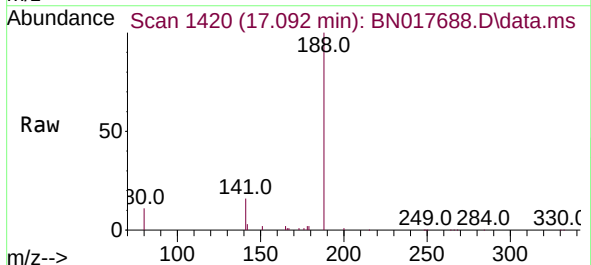
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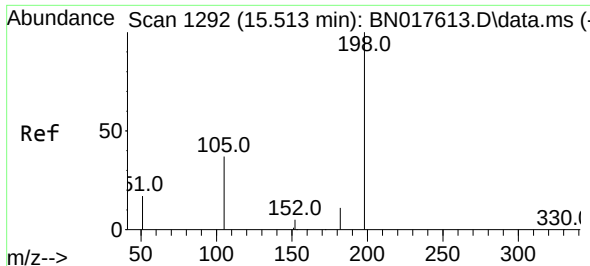
Tgt Ion:152 Resp: 20340
Ion Ratio Lower Upper
152 100
151 2.4 15.5 23.3#
153 0.0 10.4 15.6#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:188 Resp: 97871
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 6.1 9.1#

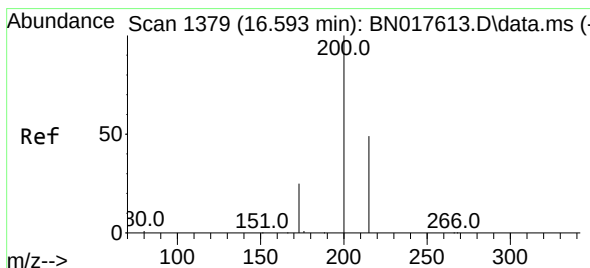
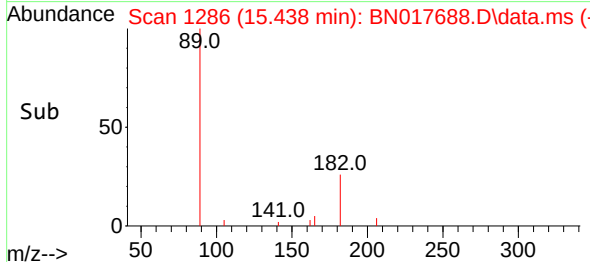
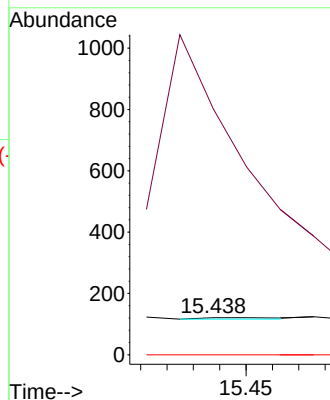
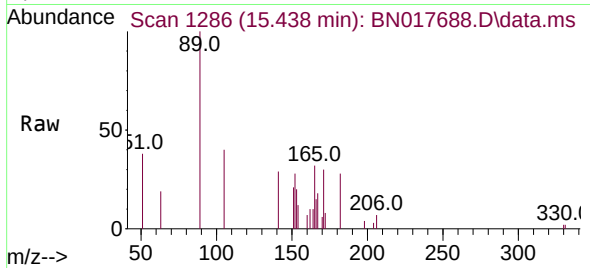




#20
4,6-Dinitro-2-methylphenol
Concen: 0.058 ng
RT: 15.438 min Scan# 11
Delta R.T. -0.051 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

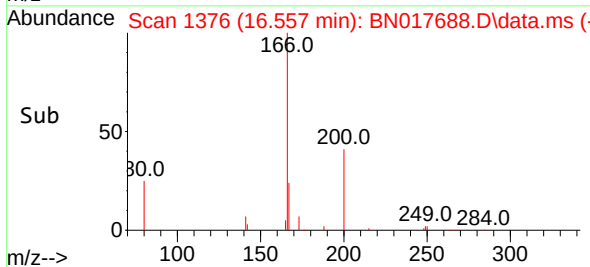
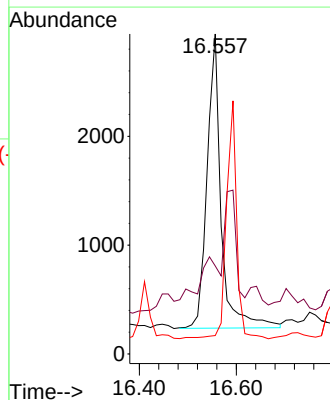
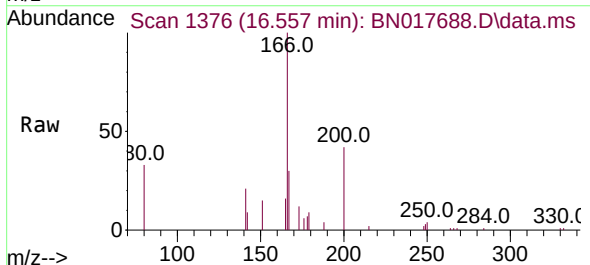
Instrument :
BNA_N
ClientSampleId :
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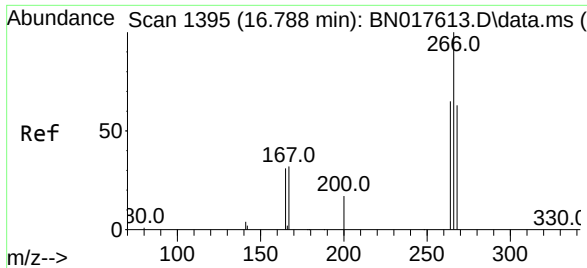
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 662.8 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.247 ng
RT: 16.557 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:200 Resp: 5451
Ion Ratio Lower Upper
200 100
173 27.5 17.6 26.4#
215 5.7 40.2 60.4#

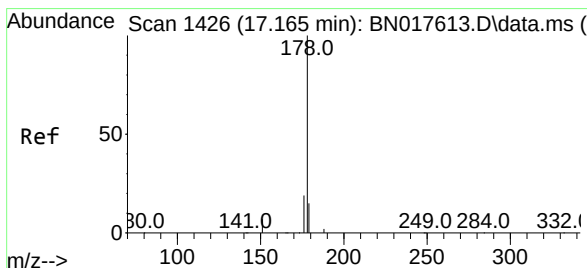
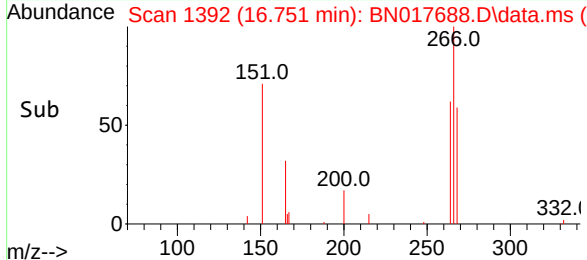
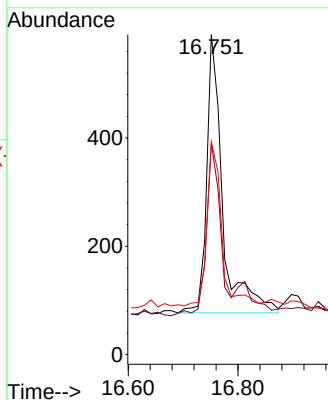
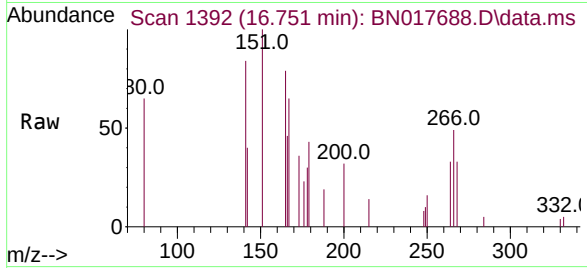




#24
 Pentachlorophenol
 Concen: 0.220 ng
 RT: 16.751 min Scan# 1392
 Delta R.T. -0.012 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

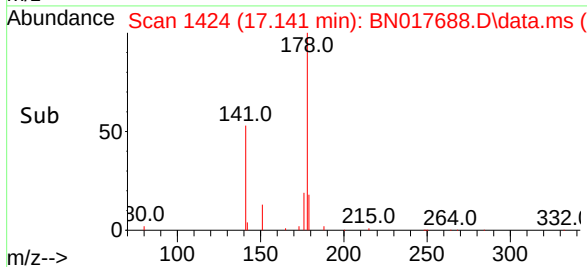
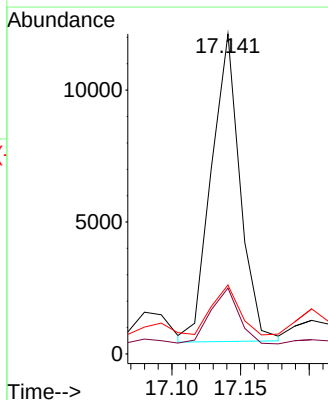
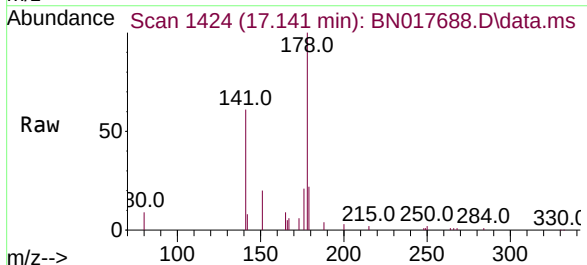
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-BA-472-493-112921

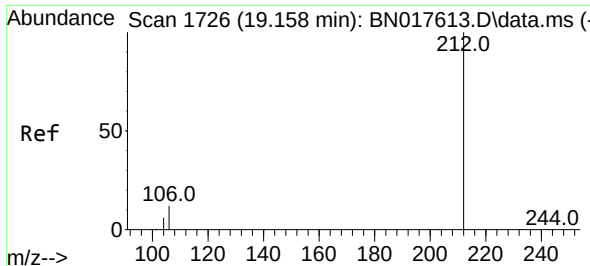
Tgt Ion:	266	Resp:	1039
Ion	Ratio	Lower	Upper
266	100		
264	53.5	49.8	74.8
268	53.8	51.3	76.9



#25
 Phenanthrene
 Concen: 0.063 ng
 RT: 17.141 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

Tgt Ion:	178	Resp:	17014
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.6
179	15.2	12.3	18.5

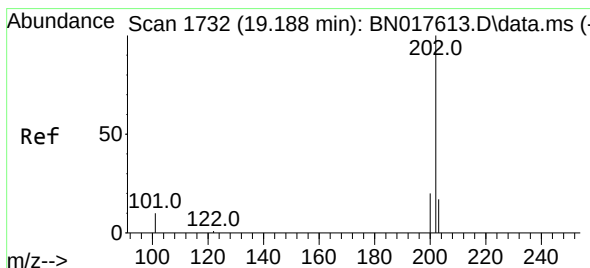
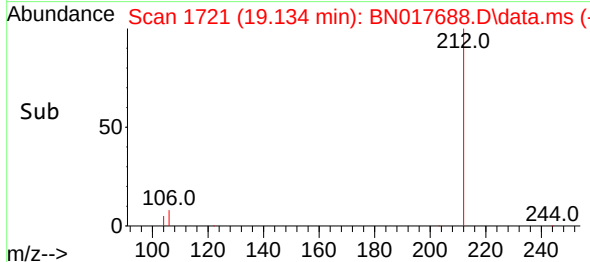
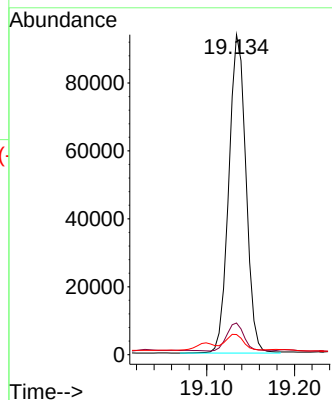
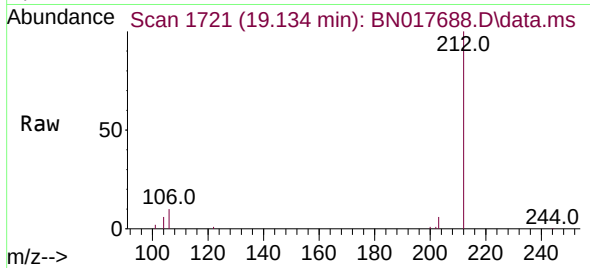




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.134 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

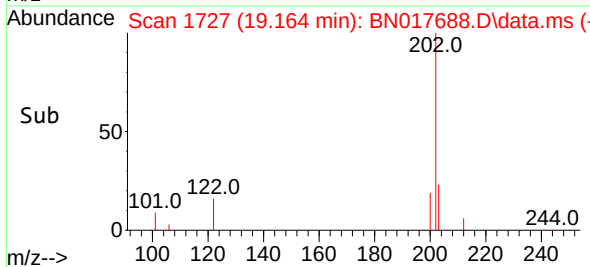
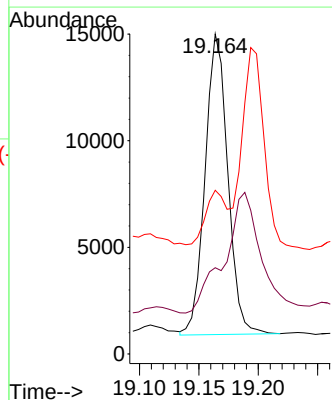
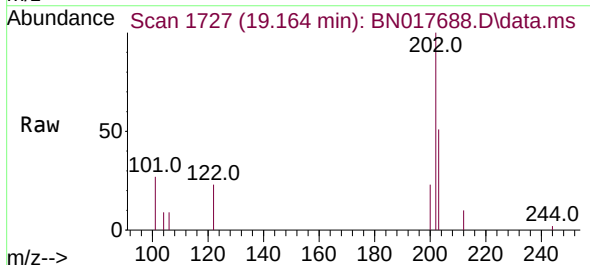
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921

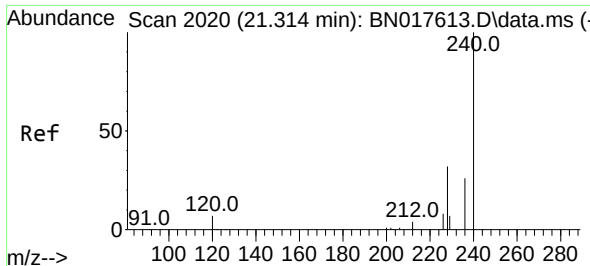
Tgt Ion:212 Resp: 126997
Ion Ratio Lower Upper
212 100
106 8.8 10.5 15.7#
104 4.9 5.8 8.6#



#28
Fluoranthene
Concen: 0.062 ng
RT: 19.164 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:202 Resp: 18793
Ion Ratio Lower Upper
202 100
101 0.0 8.9 13.3#
203 16.4 13.8 20.6

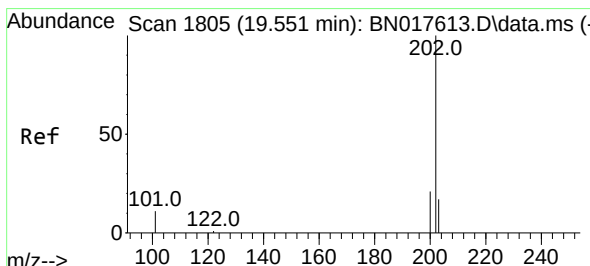
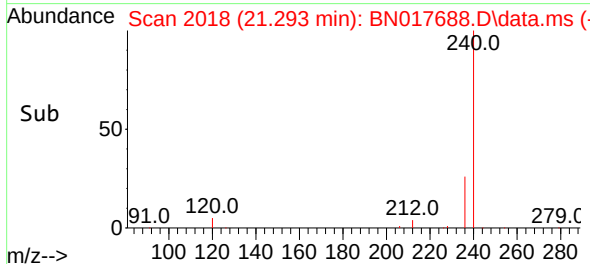
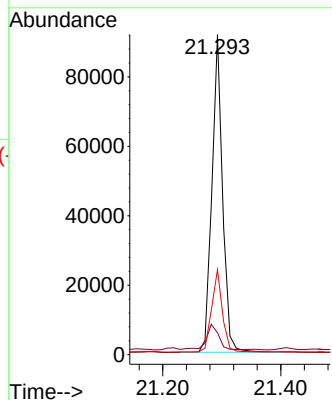
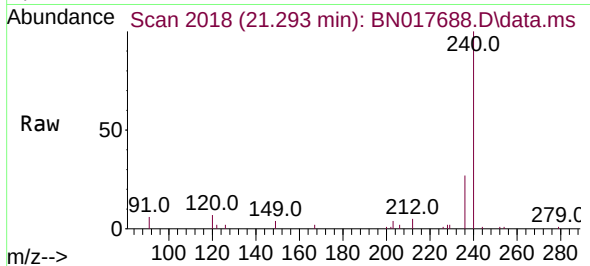




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 20
Delta R.T. 0.011 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

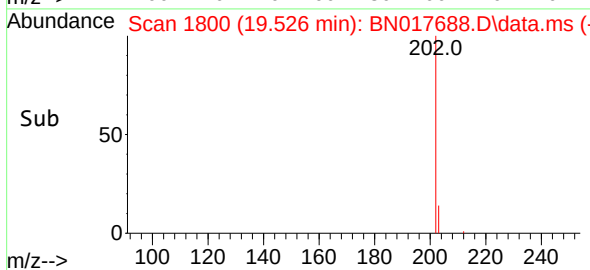
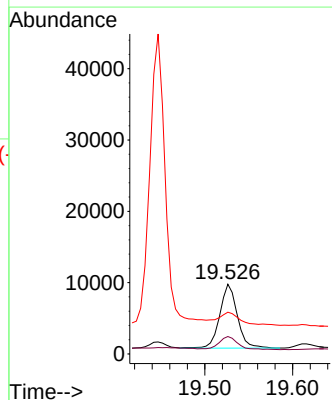
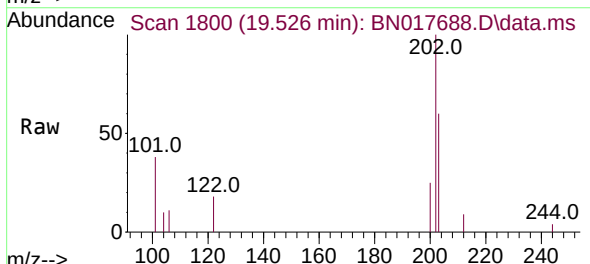
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921

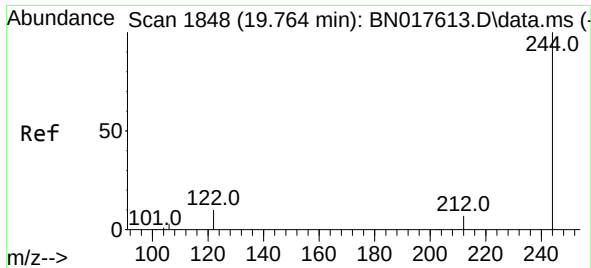
Tgt Ion:240 Resp: 115063
Ion Ratio Lower Upper
240 100
120 6.9 4.2 6.2#
236 26.6 20.0 30.0



#30
Pyrene
Concen: 0.034 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:202 Resp: 12461
Ion Ratio Lower Upper
202 100
200 21.8 16.5 24.7
203 24.5 14.0 21.0#

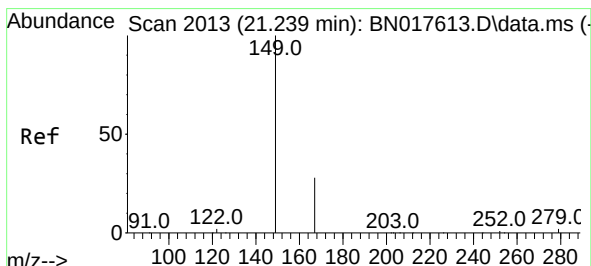
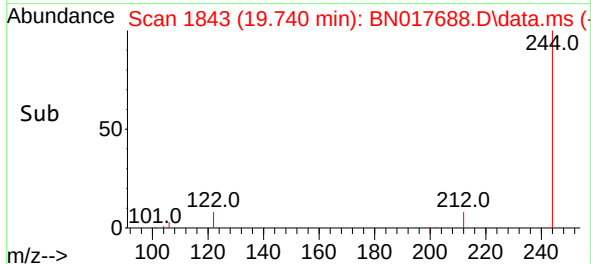
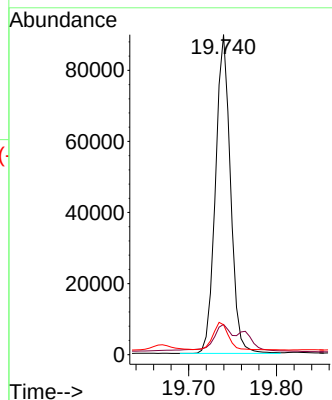
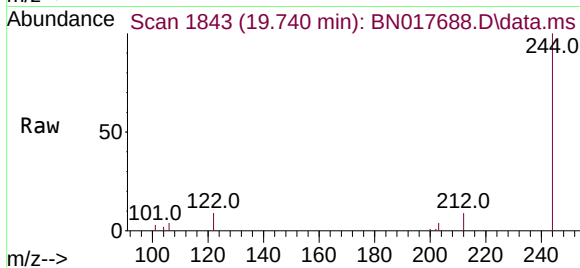




#31
 Terphenyl-d14
 Concen: 0.421 ng
 RT: 19.740 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

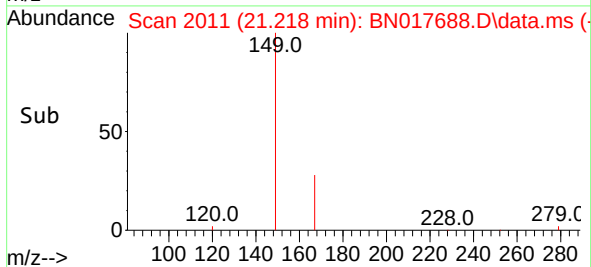
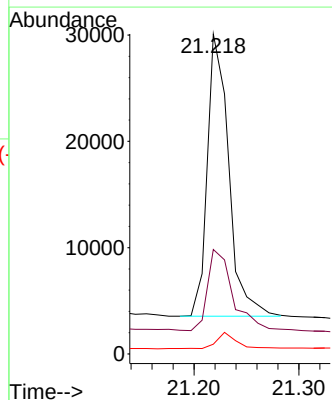
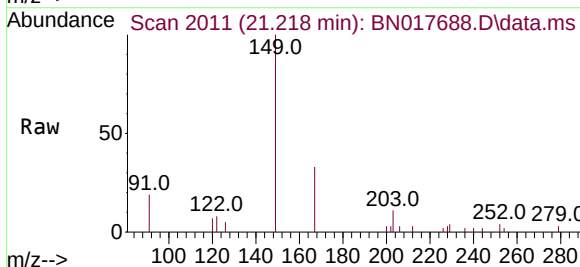
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-BA-472-493-112921

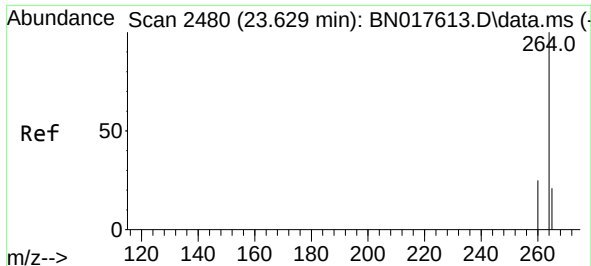
Tgt Ion:244 Resp: 106317
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.7 8.5#
 122 9.4 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.454 ng
 RT: 21.218 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

Tgt Ion:149 Resp: 37606
 Ion Ratio Lower Upper
 149 100
 167 33.4 21.8 32.6#
 279 5.6 3.4 5.0#

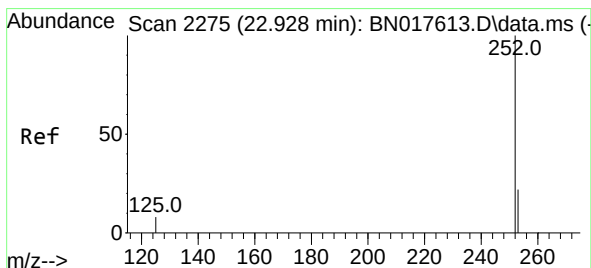
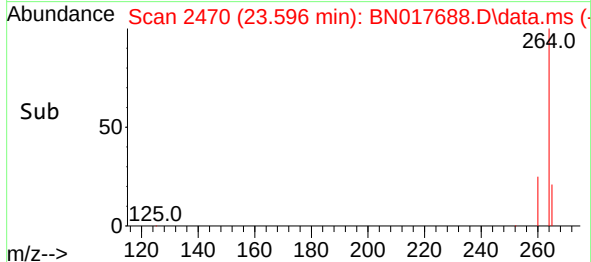
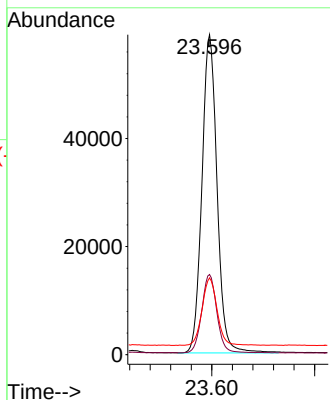
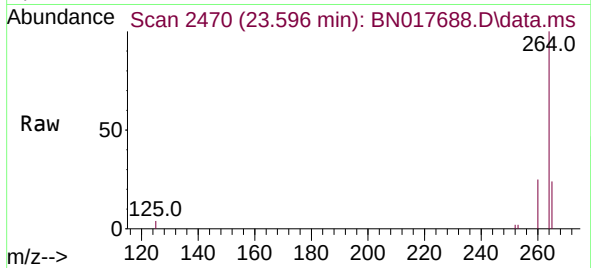




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.596 min Scan# 24
 Delta R.T. 0.014 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-BA-472-493-112921

Tgt Ion:264 Resp: 120255
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 24.0 18.6 28.0



#37
 Benzo(b)fluoranthene
 Concen: 0.023 ng
 RT: 22.901 min Scan# 2267
 Delta R.T. 0.014 min
 Lab File: BN017688.D
 Acq: 02 Dec 2021 18:50

Tgt Ion:252 Resp: 9109
 Ion Ratio Lower Upper
 252 100
 253 45.6 17.7 26.5#
 125 55.0 7.8 11.8#

