

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
 Data File : BN017597.D
 Acq On : 25 Nov 2021 01:40
 Operator : CG/JU
 Sample : M4816-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-378-399-112221

Quant Time: Nov 26 06:05:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 03:24:52 2021
 Response via : Initial Calibration

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

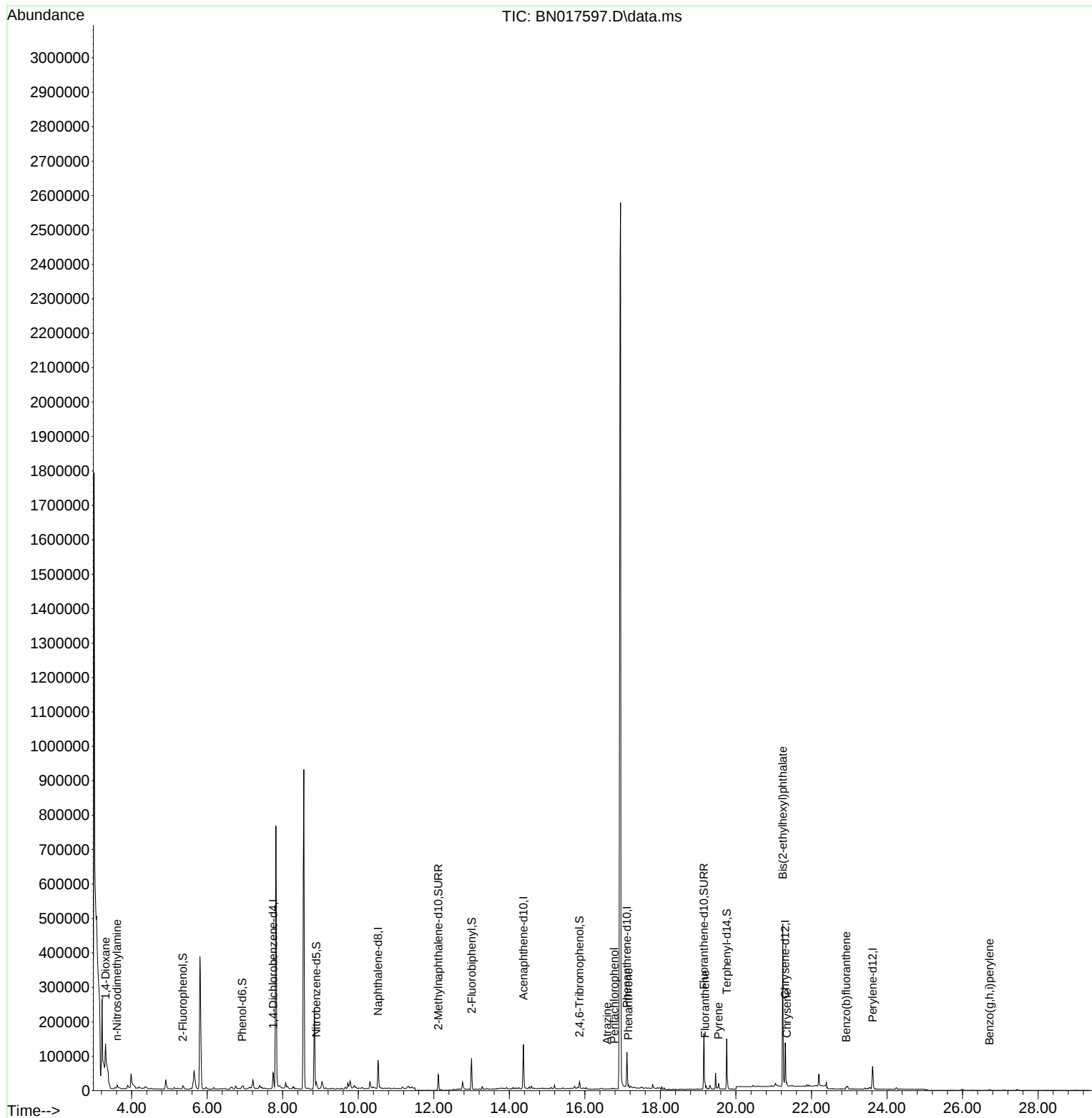
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	25518	0.400	ng	0.00
7) Naphthalene-d8	10.522	136	113460	0.400	ng	#-0.01
13) Acenaphthene-d10	14.372	164	70004	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	134945	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	125423	0.400	ng	#-0.01
35) Perylene-d12	23.619	264	90756	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	8893	0.132	ng	0.00
5) Phenol-d6	6.925	99	6404	0.084	ng	0.00
8) Nitrobenzene-d5	8.887	82	16965	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	60879	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	16759	0.464	ng	-0.01
15) 2-Fluorobiphenyl	13.001	172	80039	0.296	ng	0.00
27) Fluoranthene-d10	19.154	212	185342	0.408	ng	0.00
31) Terphenyl-d14	19.754	244	140876	0.479	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	53359	4.294	ng	# 100
3) n-Nitrosodimethylamine	3.614	42	1705	0.067	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.475	198	49	Below Cal		# 1
23) Atrazine	16.593	200	218	0.103	ng	# 1
24) Pentachlorophenol	16.776	266	1300	0.121	ng	97
25) Phenanthrene	17.153	178	9900	0.027	ng	96
28) Fluoranthene	19.183	202	17218	0.039	ng	98
30) Pyrene	19.541	202	14016	0.031	ng	# 88
33) Chrysene	21.346	228	8606	0.021	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.239	149	410826	3.580	ng	99
37) Benzo(b)fluoranthene	22.921	252	10933	0.031	ng	# 79
41) Benzo(g,h,i)perylene	26.714	276	3145	0.022	ng	# 69

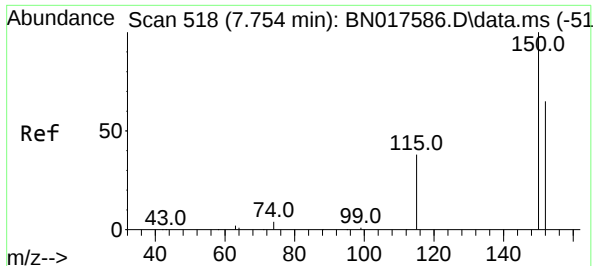
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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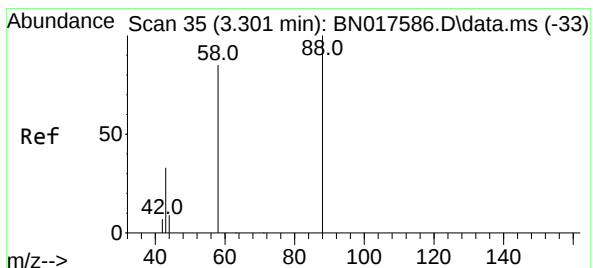
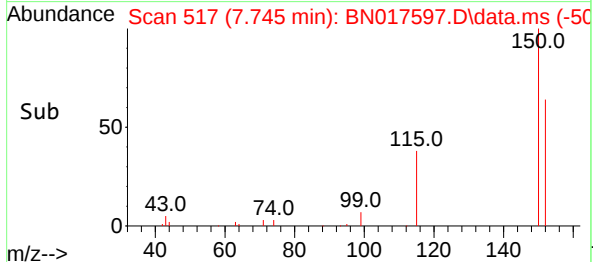
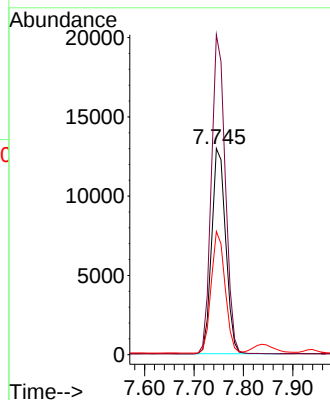
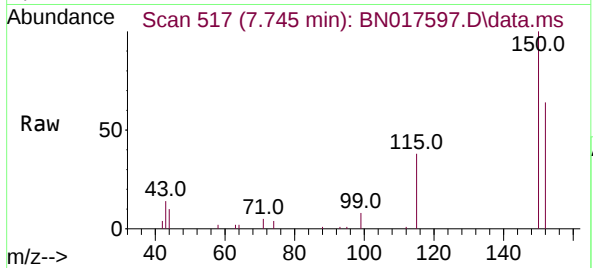




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.745 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

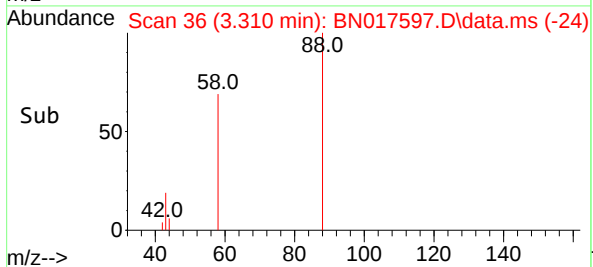
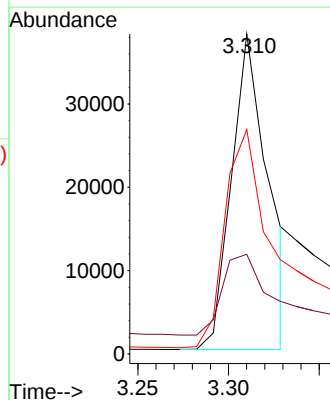
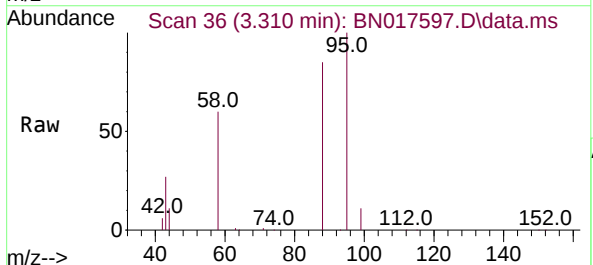
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221

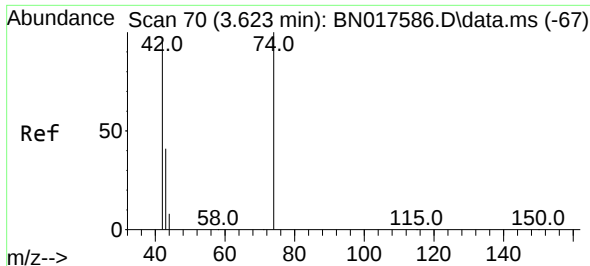
Tgt Ion:152 Resp: 25518
Ion Ratio Lower Upper
152 100
150 155.2 122.5 183.7
115 59.7 47.0 70.4



#2
1,4-Dioxane
Concen: 4.294 ng
RT: 3.310 min Scan# 36
Delta R.T. 0.009 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion: 88 Resp: 53359
Ion Ratio Lower Upper
88 100
43 30.8 0.0 0.0#
58 78.1 0.0 0.0#

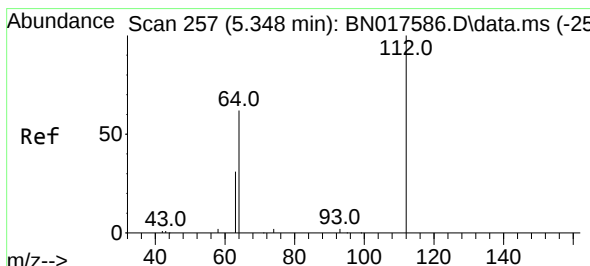
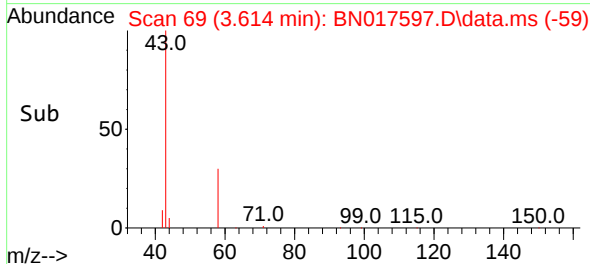
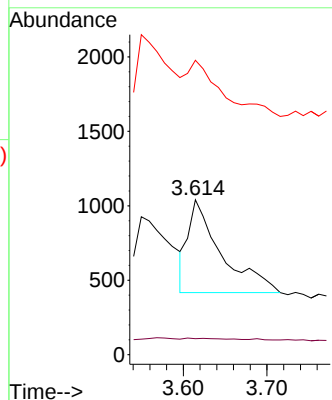
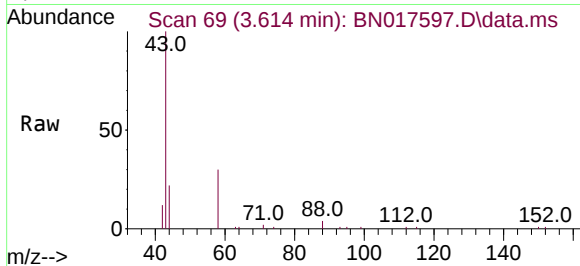




#3
 n-Nitrosodimethylamine
 Concen: 0.067 ng
 RT: 3.614 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

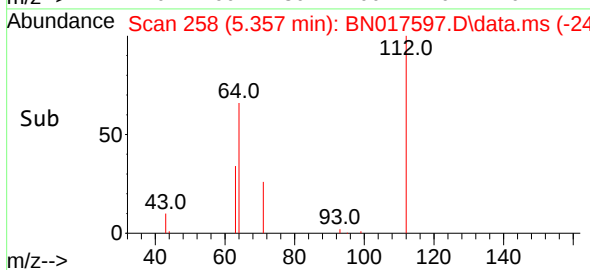
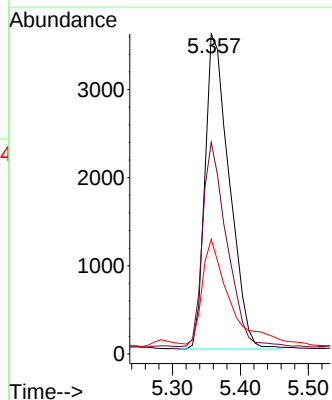
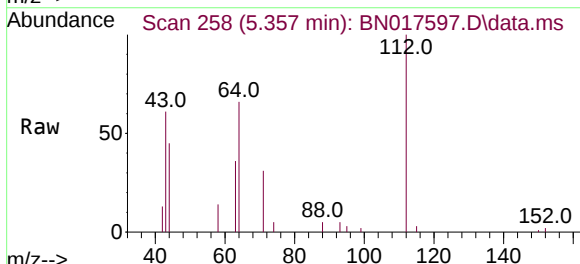
Instrument :
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 ClientSampleId :
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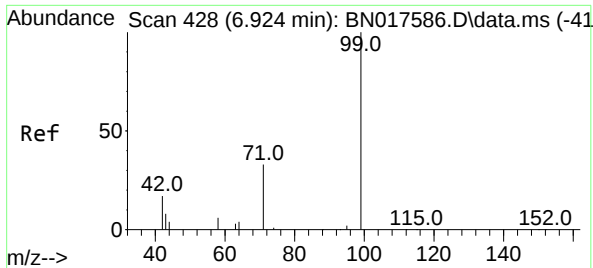
Tgt Ion: 42 Resp: 1705
 Ion Ratio Lower Upper
 42 100
 74 2.6 72.1 108.1#
 44 0.0 2.6 4.0#



#4
 2-Fluorophenol
 Concen: 0.132 ng
 RT: 5.357 min Scan# 258
 Delta R.T. 0.009 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

Tgt Ion: 112 Resp: 8893
 Ion Ratio Lower Upper
 112 100
 64 64.3 51.5 77.3
 63 36.2 26.6 39.8

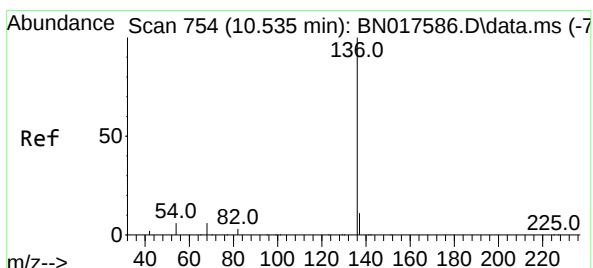
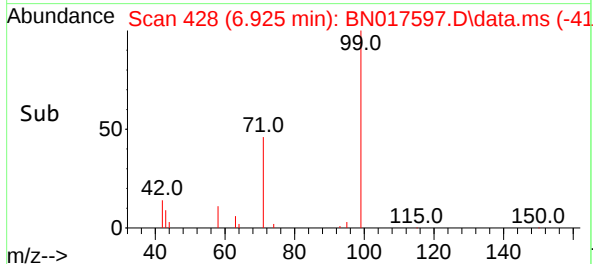
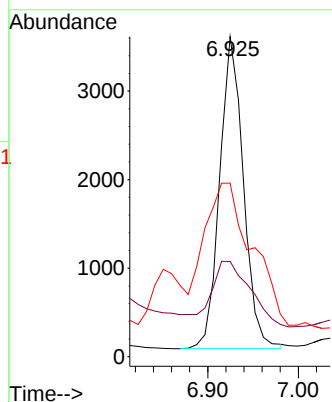
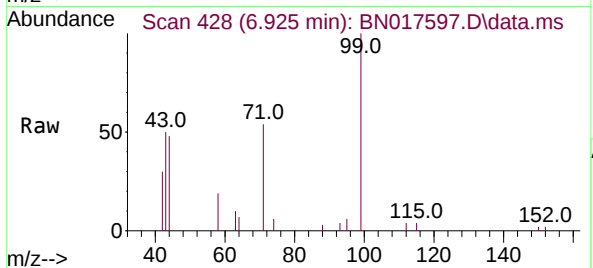




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.925 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

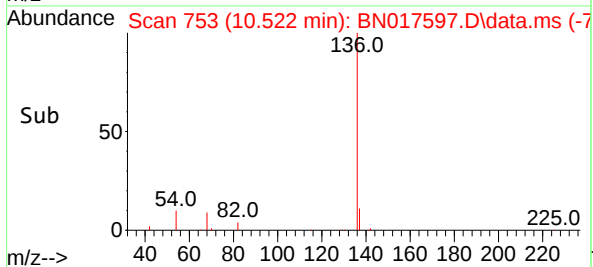
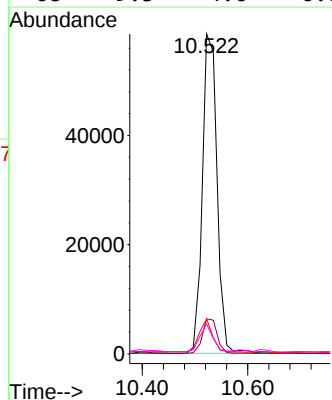
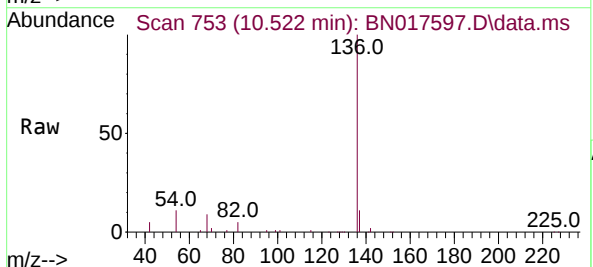
Instrument :
BNA_N
ClientSampleId :
GWR3D-B-378-399-112221

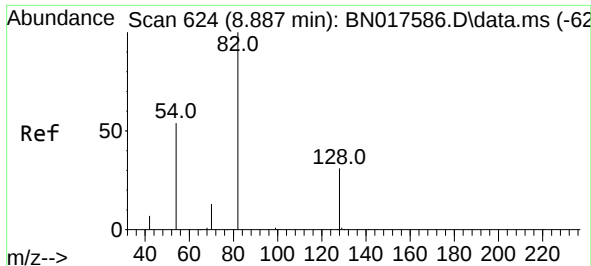
Tgt Ion: 99 Resp: 6404
Ion Ratio Lower Upper
99 100
42 31.2 16.2 24.2#
71 78.8 27.6 41.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 753
Delta R.T. -0.013 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion: 136 Resp: 113460
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.9 5.2 7.8#
68 9.3 4.6 6.8#

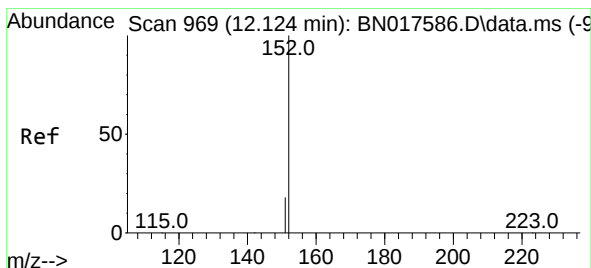
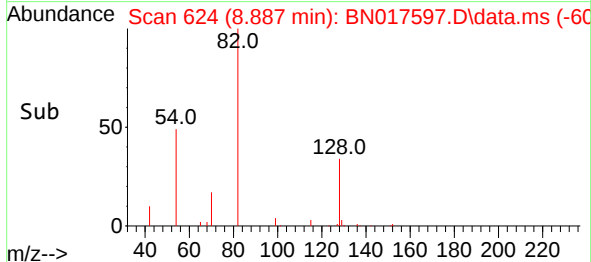
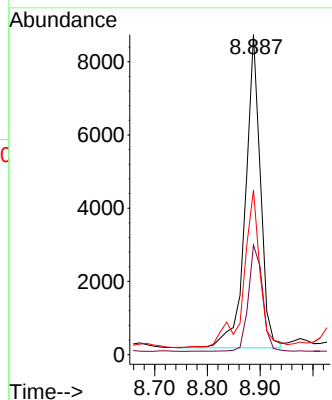
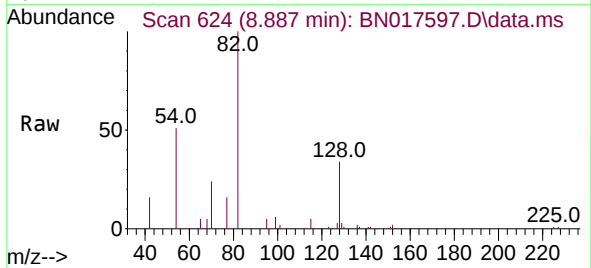




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.887 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

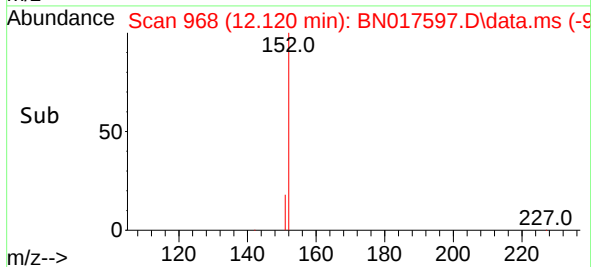
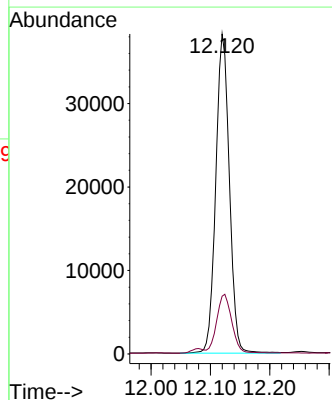
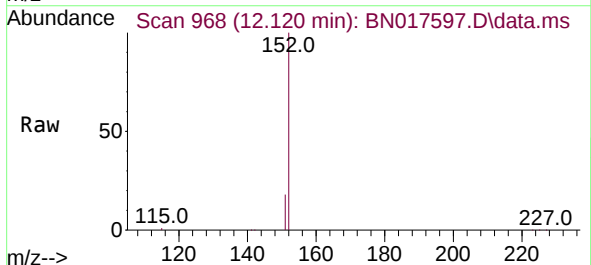
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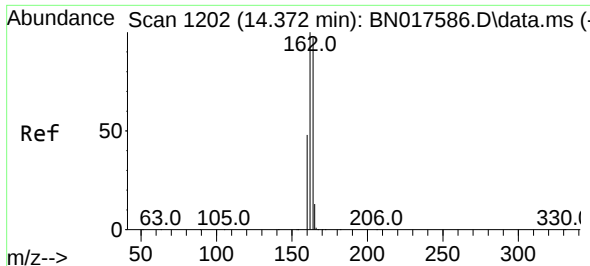
Tgt Ion: 82 Resp: 16965
Ion Ratio Lower Upper
82 100
128 34.3 25.3 37.9
54 51.5 43.7 65.5



#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.120 min Scan# 968
Delta R.T. -0.004 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion: 152 Resp: 60879
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4

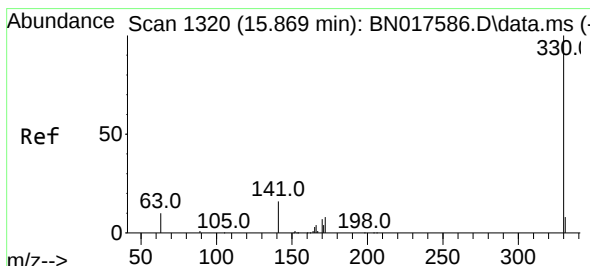
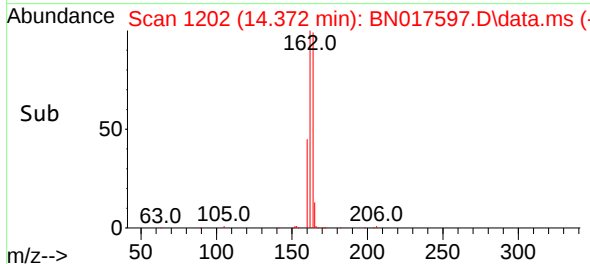
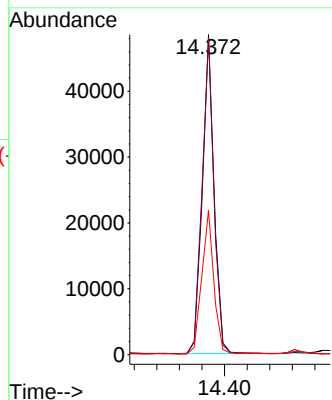
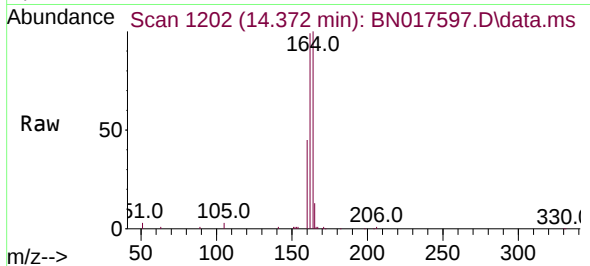




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.372 min Scan# 1319
 Delta R.T. 0.000 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

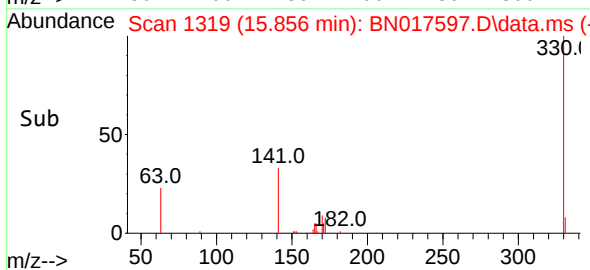
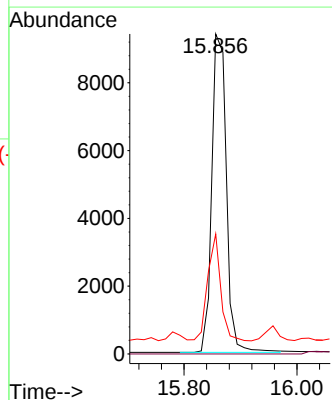
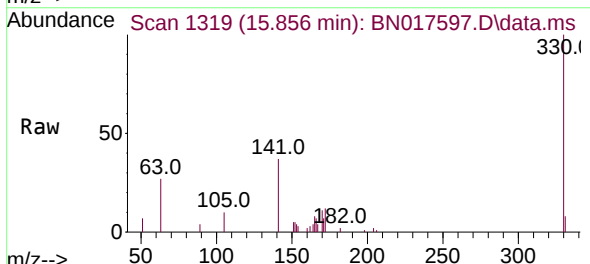
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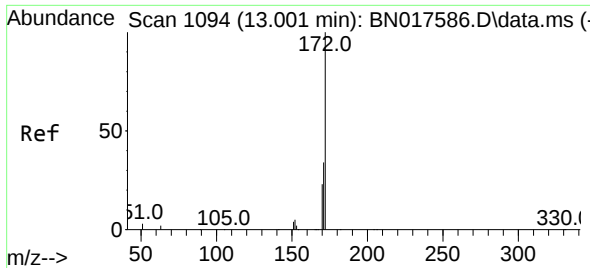
Tgt Ion:164 Resp: 70004
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.5 123.7
 160 45.1 39.6 59.4



#14
 2,4,6-Tribromophenol
 Concen: 0.464 ng
 RT: 15.856 min Scan# 1319
 Delta R.T. -0.013 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

Tgt Ion:330 Resp: 16759
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 30.0 24.1 36.1

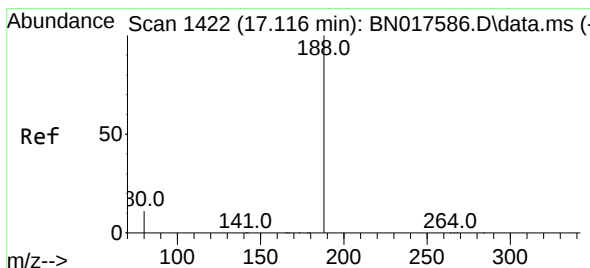
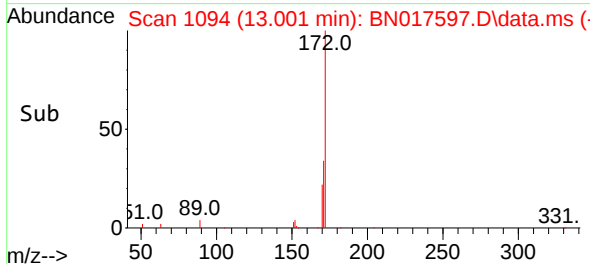
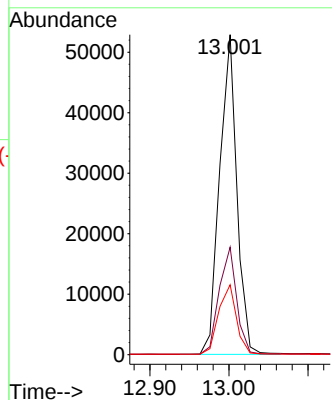
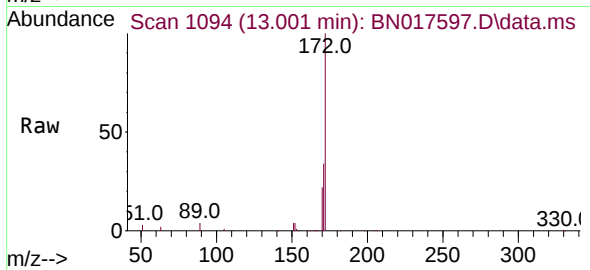




#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

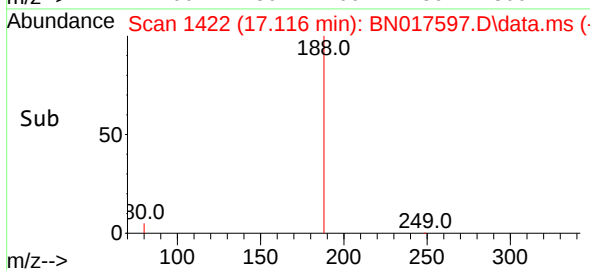
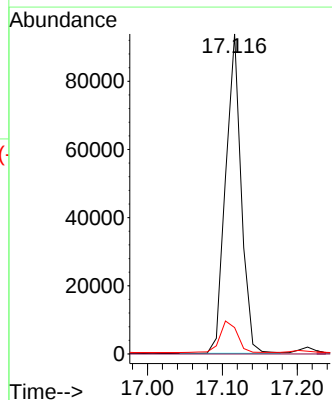
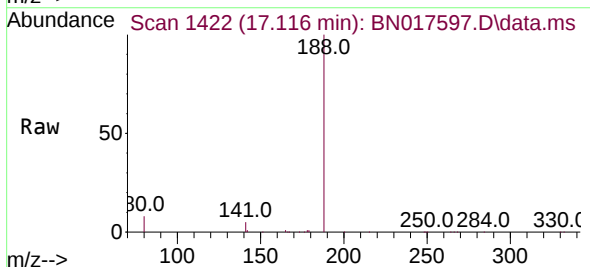
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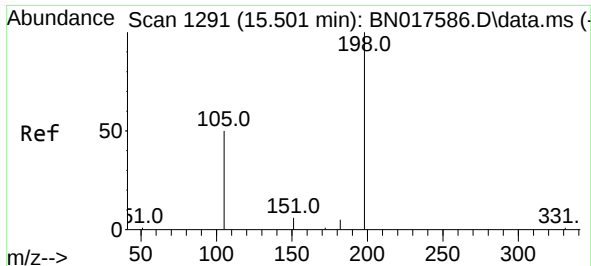
Tgt Ion:172	Resp:	80039
Ion	Ratio	Lower Upper
172	100	
171	33.6	27.6 41.4
170	21.9	18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion:188	Resp:	134945
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	8.3	9.0 13.4





#20

4,6-Dinitro-2-methylphenol

Concen: Below Cal

RT: 15.475 min Scan# 1289

Delta R.T. -0.026 min

Lab File: BN017597.D

Acq: 25 Nov 2021 01:40

Instrument :

BNA_N

ClientSampleId :

GWBR3D-B-378-399-112221

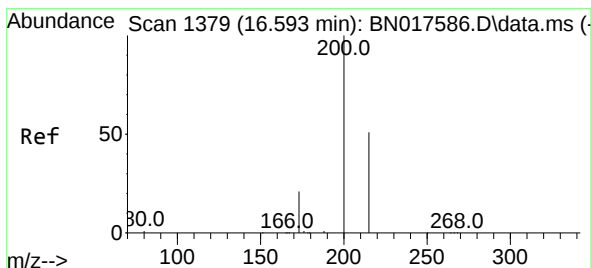
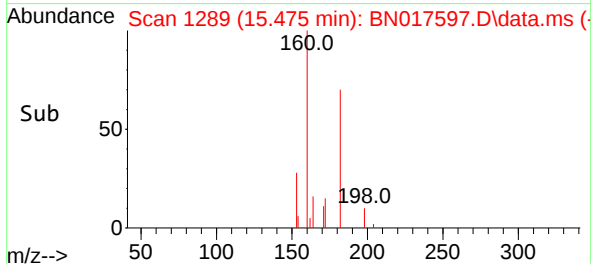
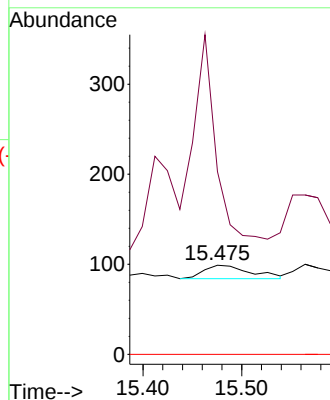
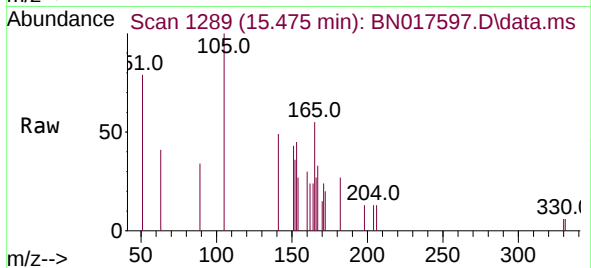
Tgt Ion:198 Resp: 49

Ion Ratio Lower Upper

198 100

182 205.1 33.1 49.7#

77 0.0 0.0 0.0



#23

Atrazine

Concen: 0.103 ng

RT: 16.593 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BN017597.D

Acq: 25 Nov 2021 01:40

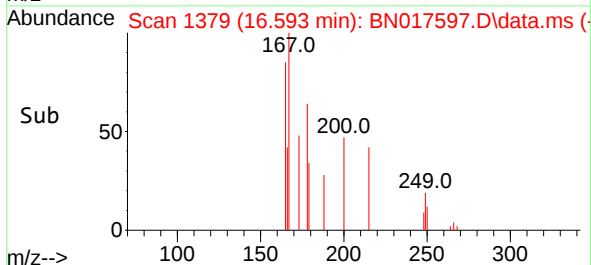
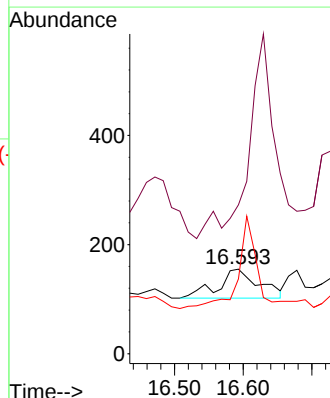
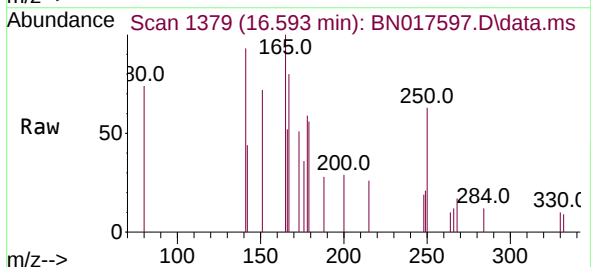
Tgt Ion:200 Resp: 218

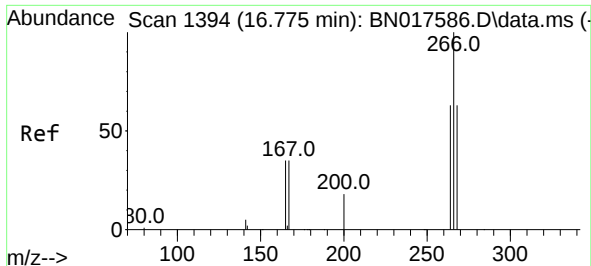
Ion Ratio Lower Upper

200 100

173 176.1 17.4 26.0#

215 88.4 40.9 61.3#

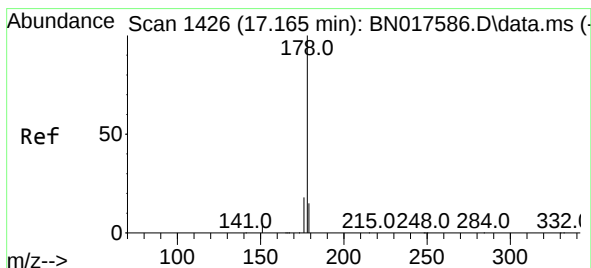
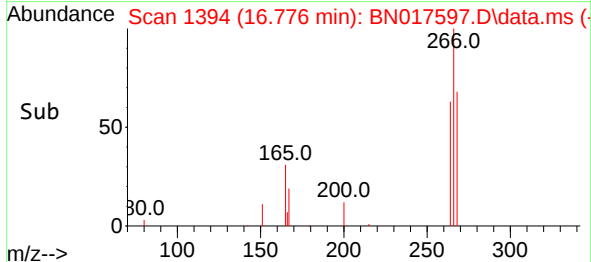
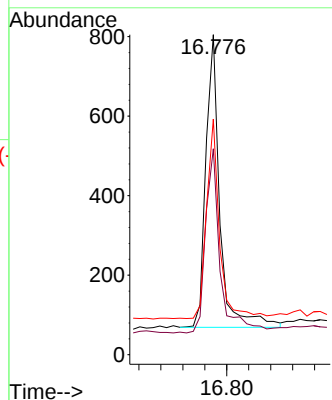
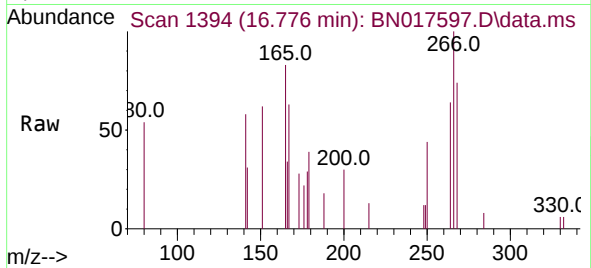




#24
 Pentachlorophenol
 Concen: 0.121 ng
 RT: 16.776 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

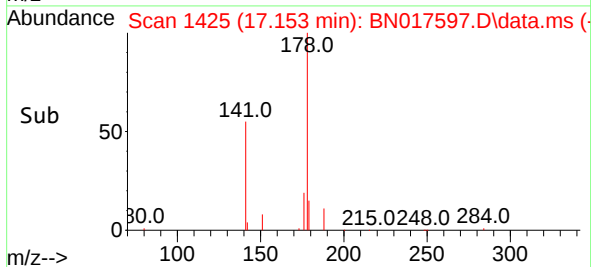
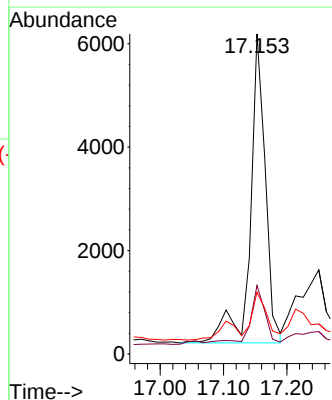
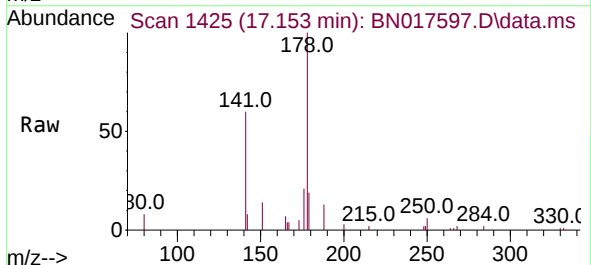
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-378-399-112221

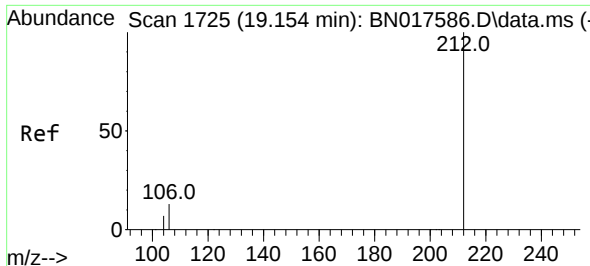
Tgt Ion:	266	Resp:	1300
Ion	Ratio	Lower	Upper
266	100		
264	66.2	50.2	75.2
268	63.2	51.7	77.5



#25
 Phenanthrene
 Concen: 0.027 ng
 RT: 17.153 min Scan# 1425
 Delta R.T. -0.012 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

Tgt Ion:	178	Resp:	9900
Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.6
179	12.4	12.2	18.4

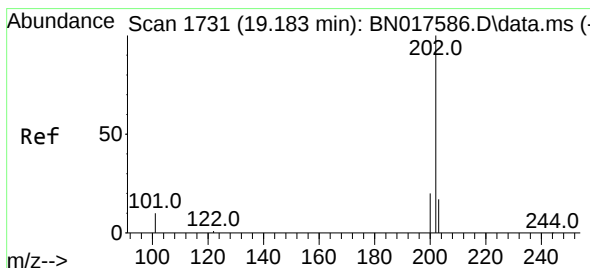
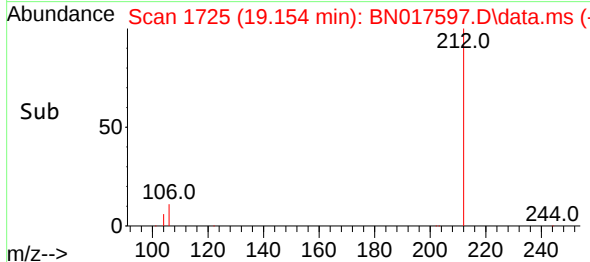
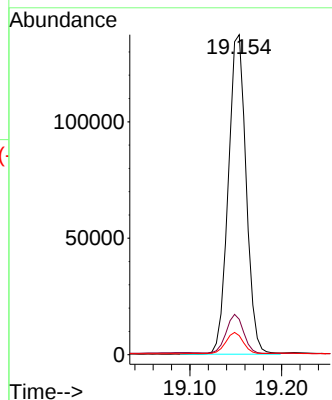
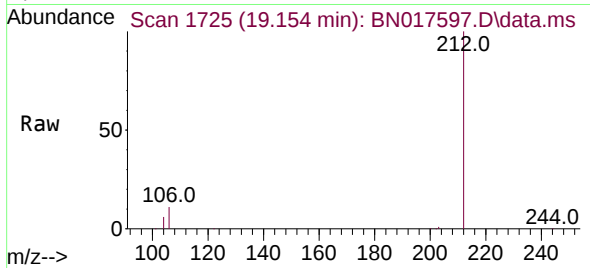




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.154 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

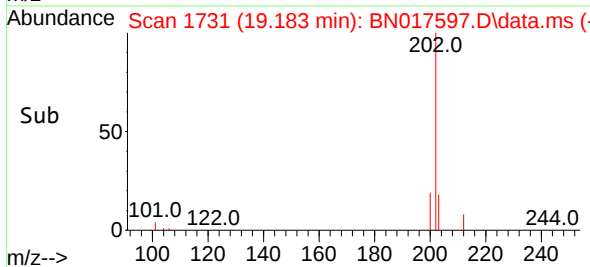
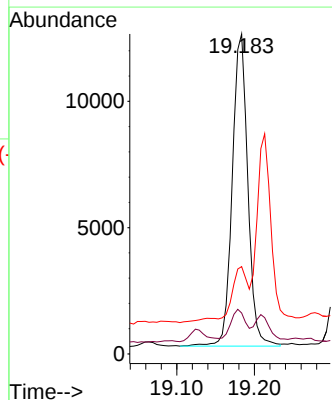
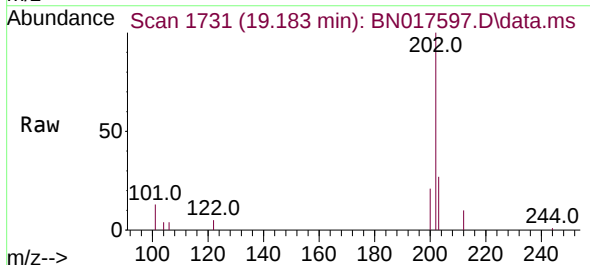
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221

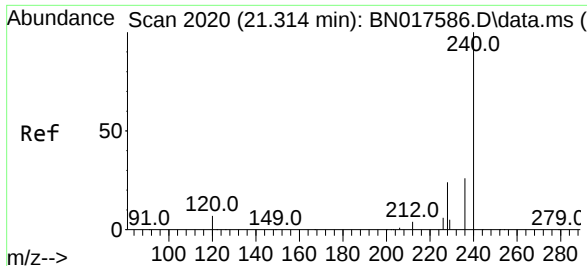
Tgt Ion:212 Resp: 185342
Ion Ratio Lower Upper
212 100
106 11.9 9.6 14.4
104 6.4 5.3 7.9



#28
Fluoranthene
Concen: 0.039 ng
RT: 19.183 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion:202 Resp: 17218
Ion Ratio Lower Upper
202 100
101 9.6 8.3 12.5
203 16.8 13.9 20.9

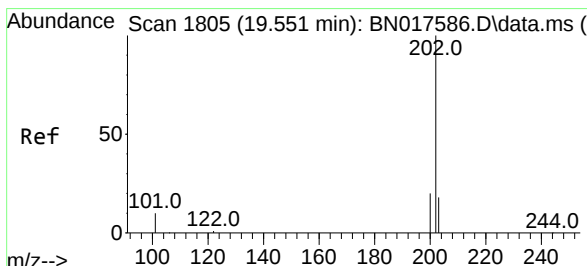
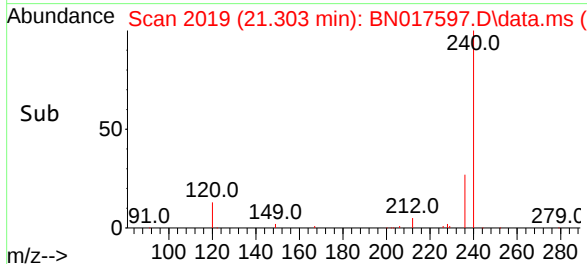
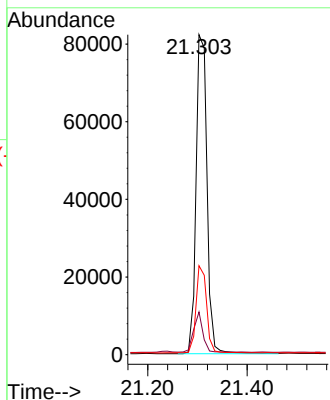
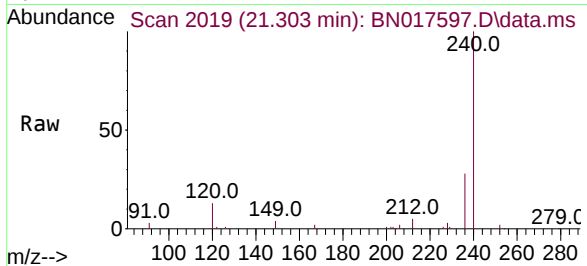




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 20
Delta R.T. -0.011 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

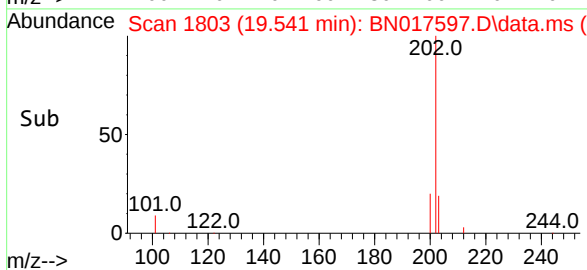
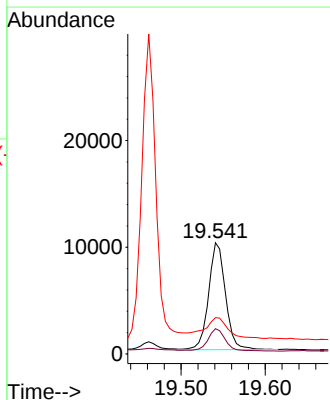
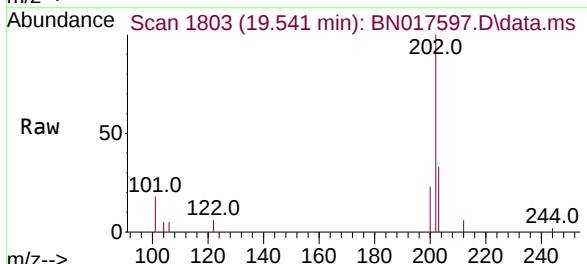
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-378-399-112221

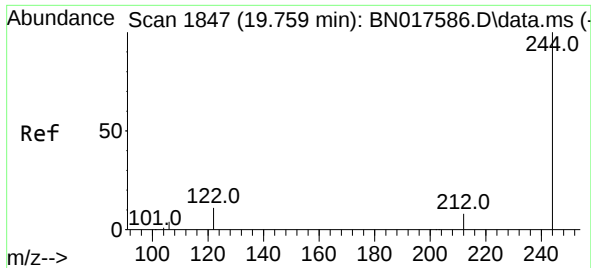
Tgt Ion:240 Resp: 125423
Ion Ratio Lower Upper
240 100
120 13.4 6.1 9.1#
236 27.8 21.2 31.8



#30
Pyrene
Concen: 0.031 ng
RT: 19.541 min Scan# 1803
Delta R.T. -0.010 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion:202 Resp: 14016
Ion Ratio Lower Upper
202 100
200 21.6 16.4 24.6
203 27.1 13.9 20.9#

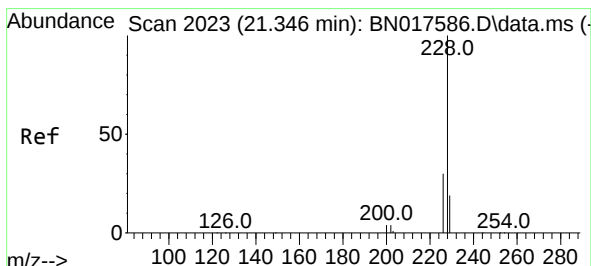
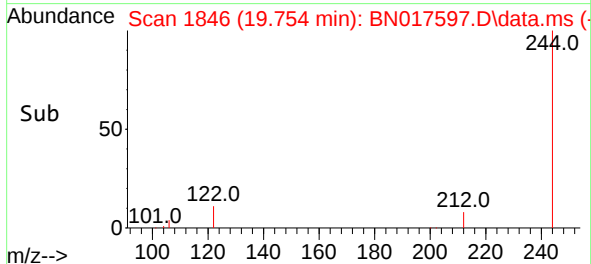
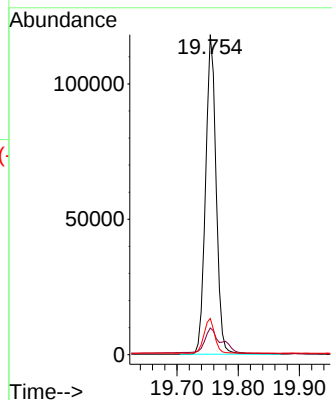
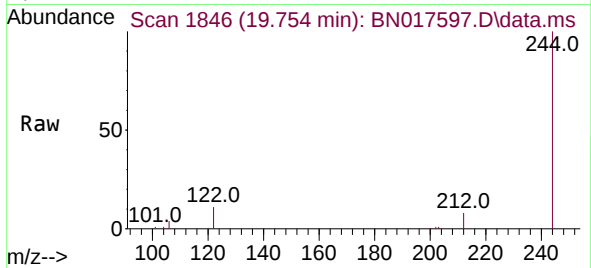




#31
 Terphenyl-d14
 Concen: 0.479 ng
 RT: 19.754 min Scan# 1846
 Delta R.T. -0.005 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

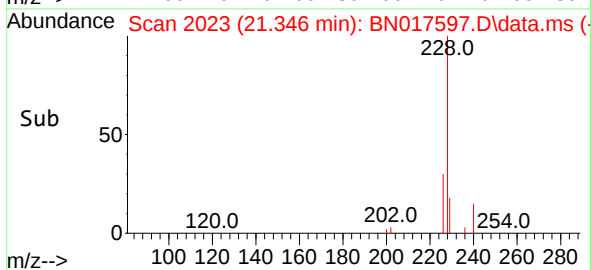
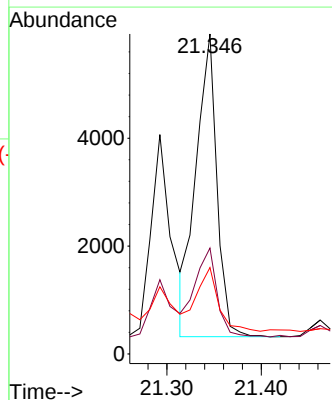
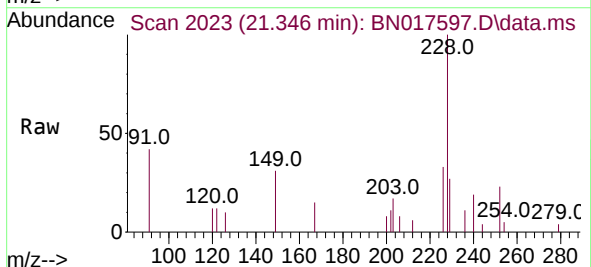
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-378-399-112221

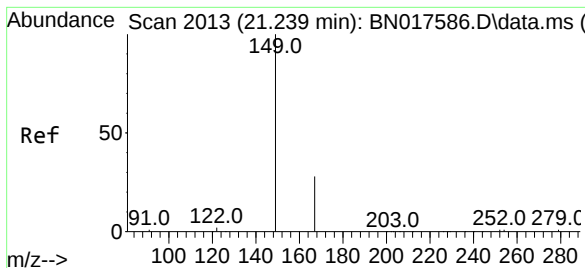
Tgt Ion:244 Resp: 140876
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 11.3 8.9 13.3



#33
 Chrysene
 Concen: 0.021 ng
 RT: 21.346 min Scan# 2023
 Delta R.T. 0.000 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

Tgt Ion:228 Resp: 8606
 Ion Ratio Lower Upper
 228 100
 226 33.1 24.0 36.0
 229 27.0 15.6 23.4#

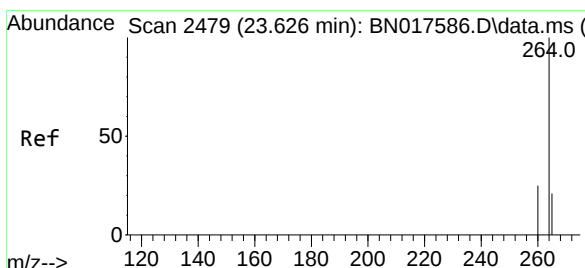
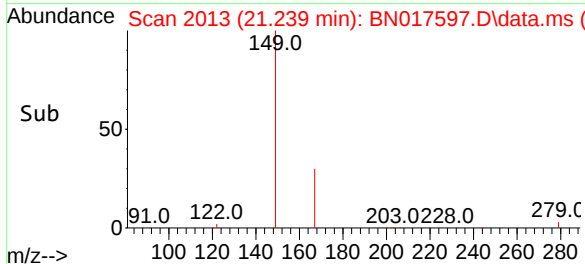
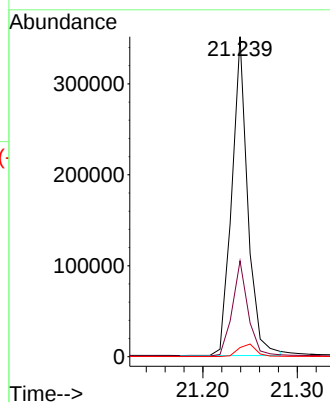
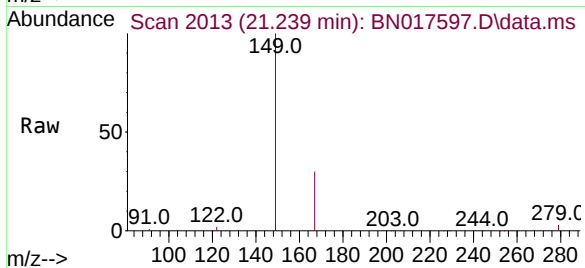




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 3.580 ng
 RT: 21.239 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

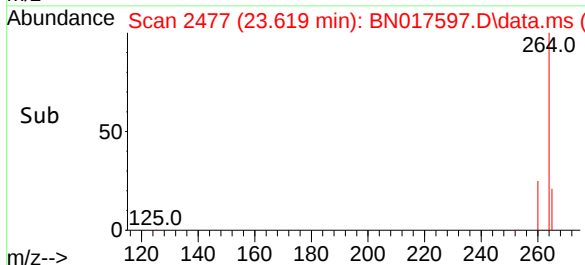
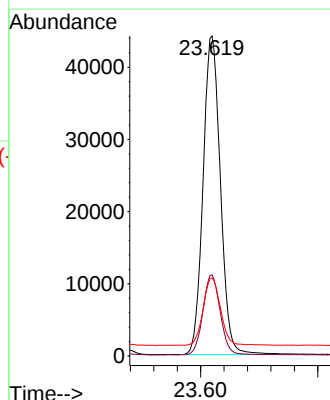
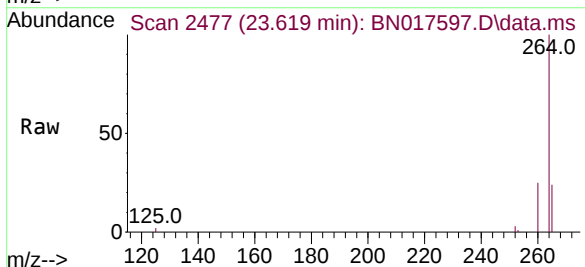
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-378-399-112221

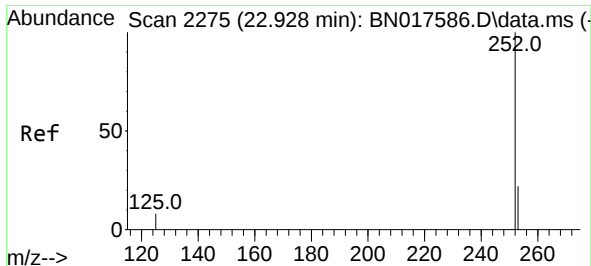
Tgt Ion:149 Resp: 410826
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.2 34.8
 279 4.3 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.619 min Scan# 2477
 Delta R.T. -0.007 min
 Lab File: BN017597.D
 Acq: 25 Nov 2021 01:40

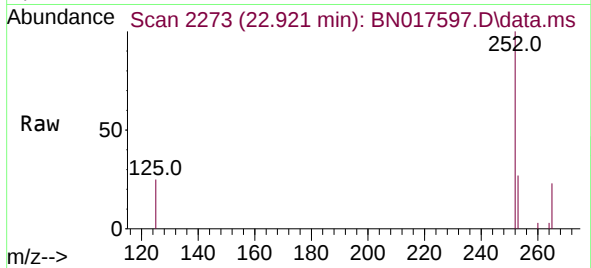
Tgt Ion:264 Resp: 90756
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 24.4 20.6 30.8



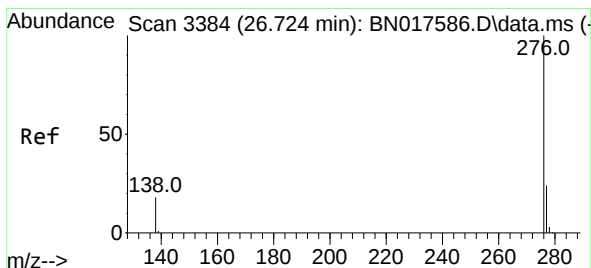
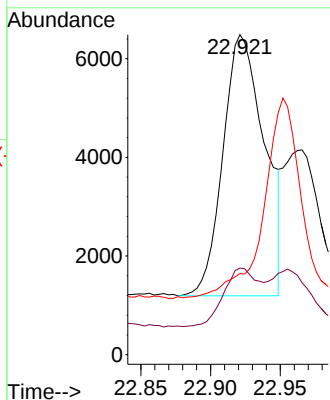


#37
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 22.921 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Instrument :
BNA_N
ClientSampleId :
GWR3D-B-378-399-112221



Tgt Ion:252 Resp: 10933
Ion Ratio Lower Upper
252 100
253 27.1 17.5 26.3#
125 25.3 7.1 10.7#



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 26.714 min Scan# 3381
Delta R.T. -0.010 min
Lab File: BN017597.D
Acq: 25 Nov 2021 01:40

Tgt Ion:276 Resp: 3145
Ion Ratio Lower Upper
276 100
277 36.1 20.0 30.0#
138 38.5 15.7 23.5#

