

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017667.D
 Acq On : 02 Dec 2021 02:51
 Operator : CG/JU
 Sample : M4895-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-5

Quant Time: Dec 02 03:59:29 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

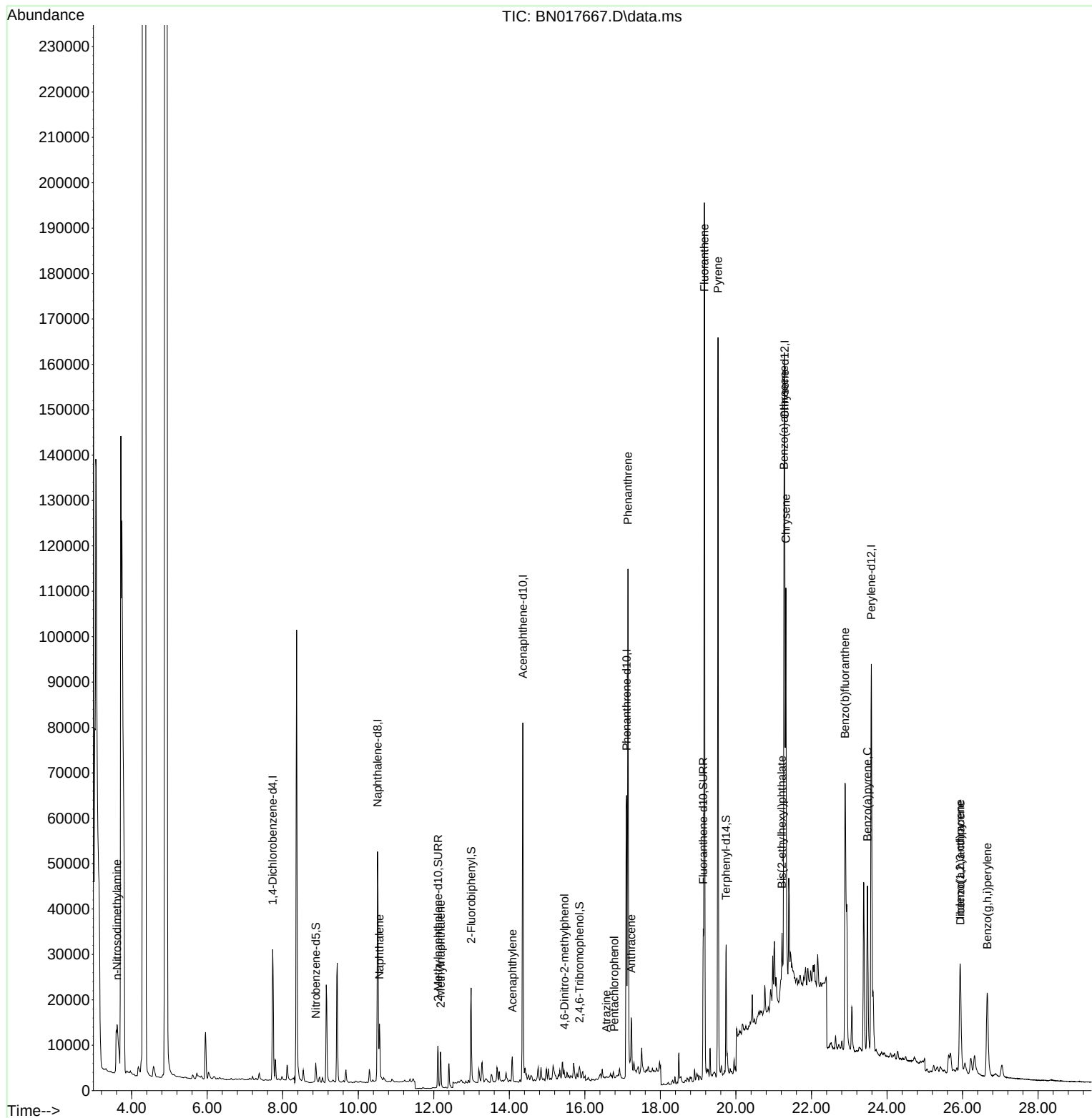
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	17635	0.400	ng	0.00
7) Naphthalene-d8	10.510	136	74353	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	47078	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	103819	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	113635	0.400	ng	0.01
35) Perylene-d12	23.585	264	120967	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	24	0.001	ng	0.00
5) Phenol-d6	6.916	99	102	0.002	ng	0.00
8) Nitrobenzene-d5	8.875	82	4058	0.129	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	14177	0.109	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	8	0.125	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	20839	0.114	ng	0.00
27) Fluoranthene-d10	19.134	212	39880	0.123	ng	0.00
31) Terphenyl-d14	19.740	244	31224	0.125	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.615	42	7685	0.464	ng	# 1
9) Naphthalene	10.560	128	16420	0.088	ng	99
12) 2-Methylnaphthalene	12.182	142	6329	0.051	ng	97
16) Acenaphthylene	14.080	152	6348	0.035	ng	96
20) 4,6-Dinitro-2-methylph...	15.463	198	34	0.063	ng	# 1
23) Atrazine	16.569	200	88	0.133	ng	# 21
24) Pentachlorophenol	16.776	266	96	0.195	ng	# 49
25) Phenanthrene	17.141	178	117548	0.413	ng	100
26) Anthracene	17.226	178	14392	0.059	ng	# 88
28) Fluoranthene	19.164	202	186759	0.580	ng	# 97
30) Pyrene	19.526	202	147780	0.403	ng	98
32) Benzo(a)anthracene	21.272	228	75349	0.218	ng	93
33) Chrysene	21.325	228	84417	0.225	ng	96
34) Bis(2-ethylhexyl)phtha...	21.218	149	12409	0.152	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.937	276	45000	0.115	ng	# 89
37) Benzo(b)fluoranthene	22.890	252	107857	0.269	ng	# 89
39) Benzo(a)pyrene	23.483	252	58540	0.163	ng	# 86
40) Dibenzo(a,h)anthracene	25.944	278	10143	0.032	ng	# 61
41) Benzo(g,h,i)perylene	26.656	276	45407	0.138	ng	# 91

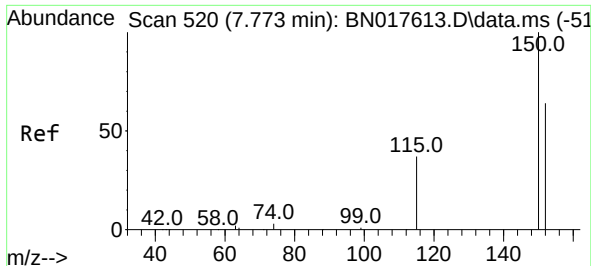
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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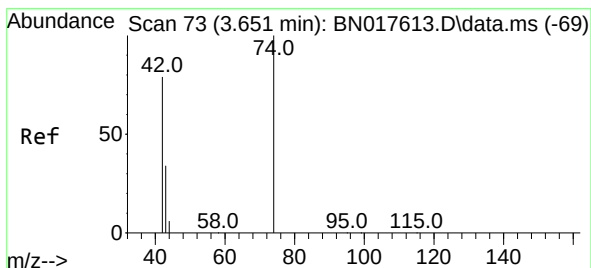
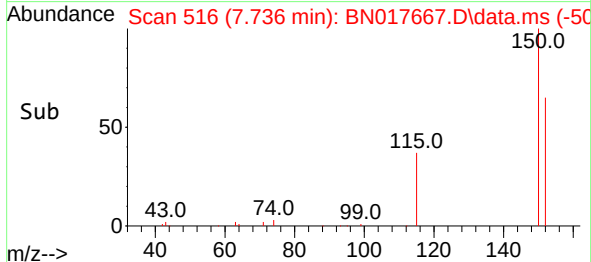
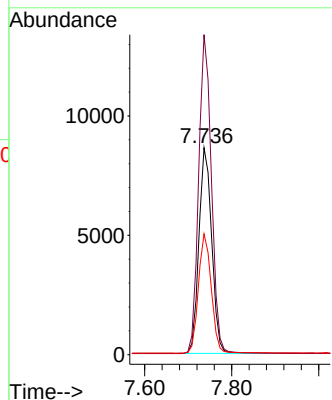
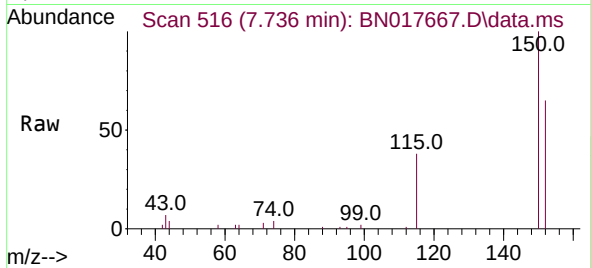




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.736 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

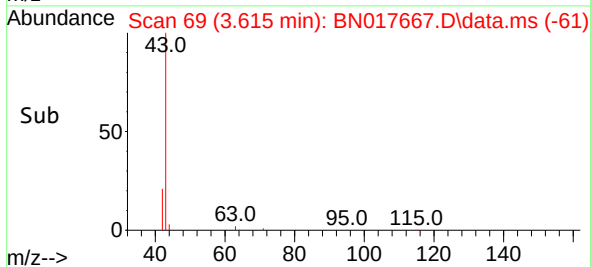
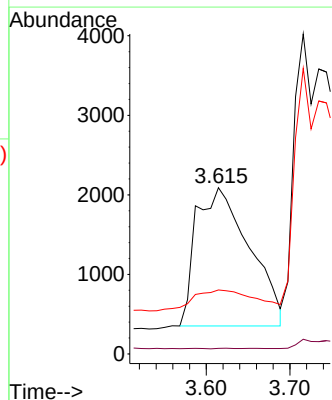
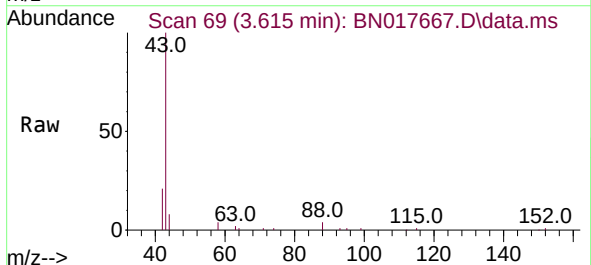
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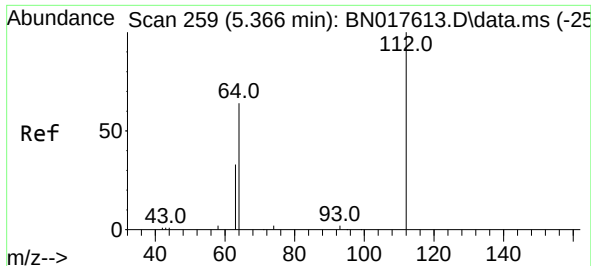
Tgt Ion:152 Resp: 17635
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 58.4 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.464 ng
RT: 3.615 min Scan# 69
Delta R.T. -0.027 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion: 42 Resp: 7685
Ion Ratio Lower Upper
42 100
74 0.1 97.8 146.6#
44 13.9 5.5 8.3#

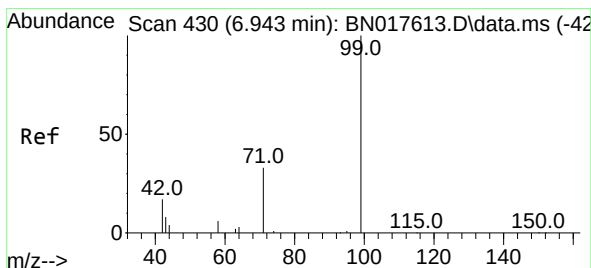
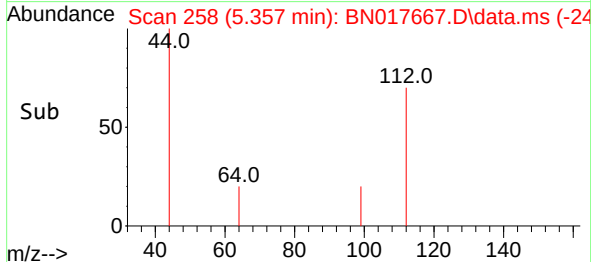
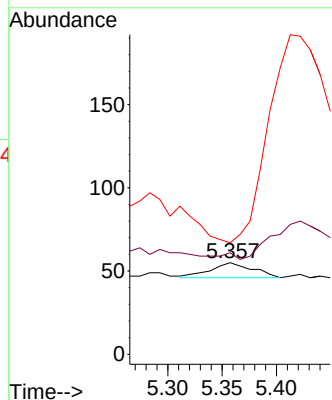
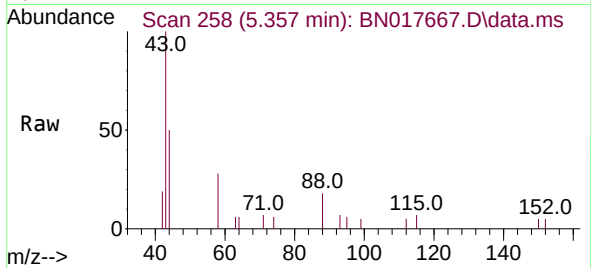




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.357 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

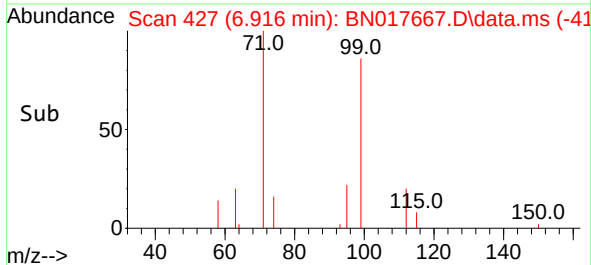
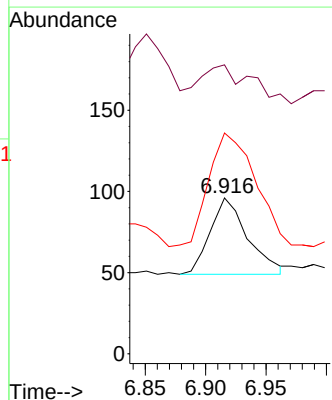
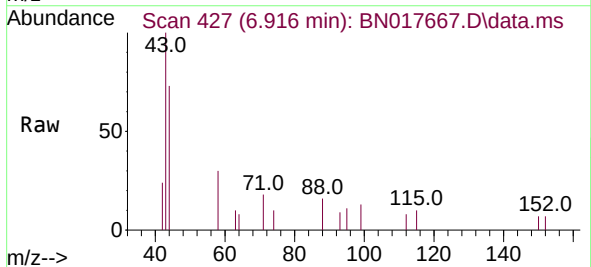
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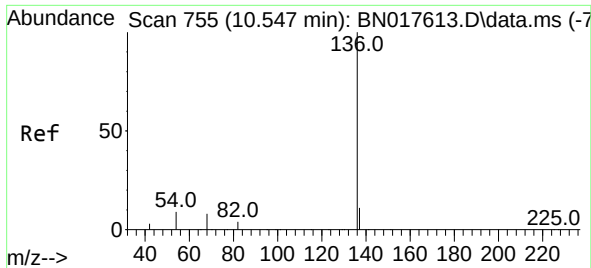
Tgt Ion:112 Resp: 24
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.916 min Scan# 427
Delta R.T. 0.009 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion: 99 Resp: 102
Ion Ratio Lower Upper
99 100
42 63.7 17.0 25.6#
71 185.3 24.8 37.2#

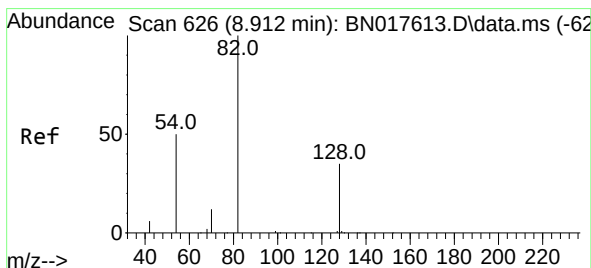
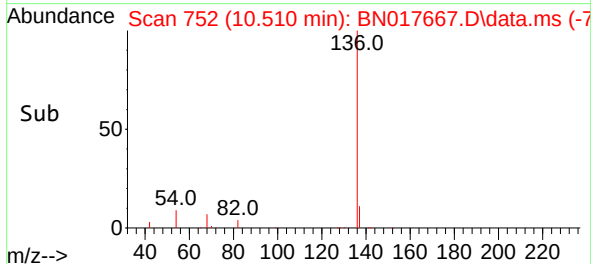
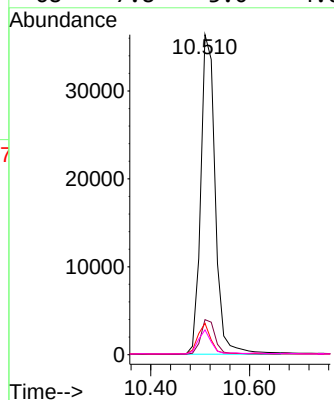
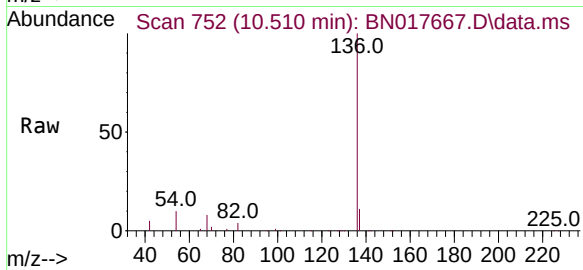




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

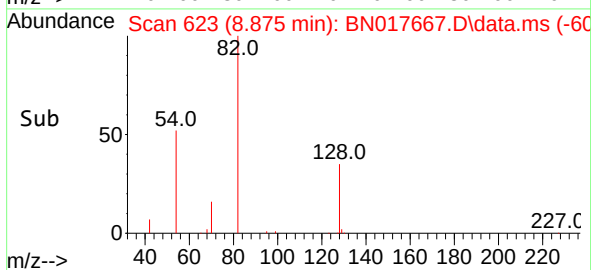
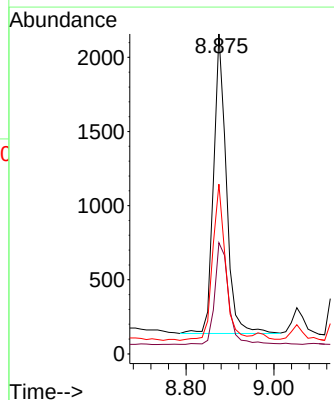
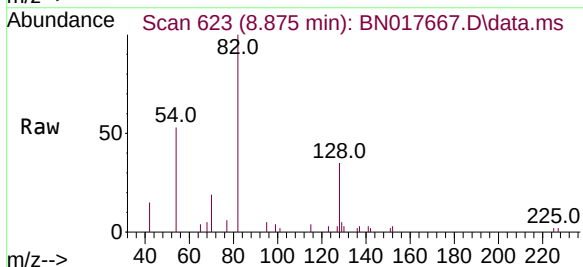
Instrument :
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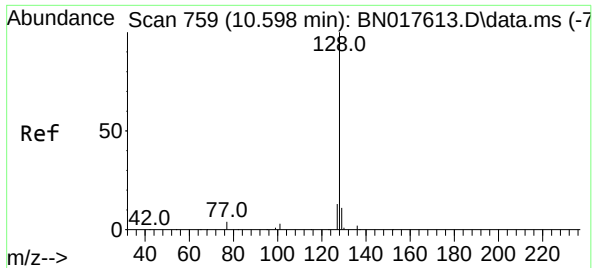
Tgt Ion:	136	Resp:	74353
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.8	4.0	6.0#
68	7.8	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.129 ng
RT: 8.875 min Scan# 623
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:	82	Resp:	4058
Ion Ratio	Lower	Upper	
82	100		
128	34.8	27.7	41.5
54	53.1	49.2	73.8

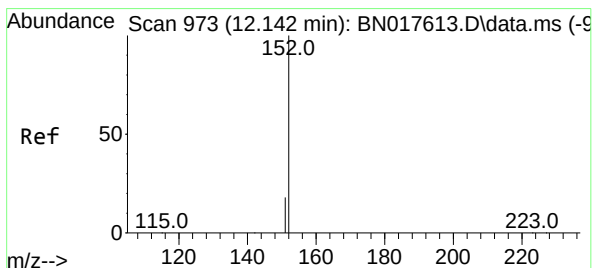
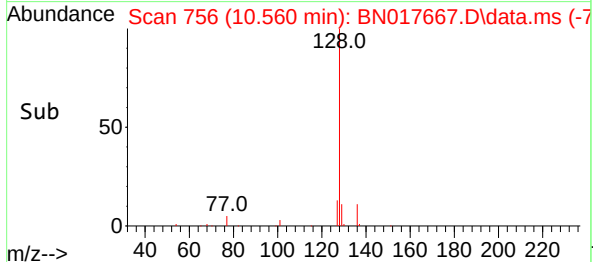
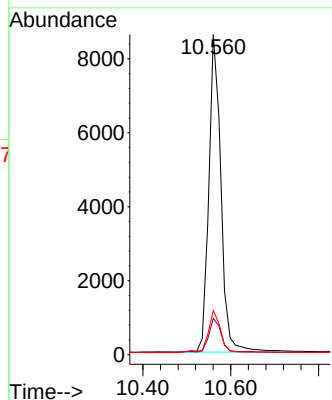
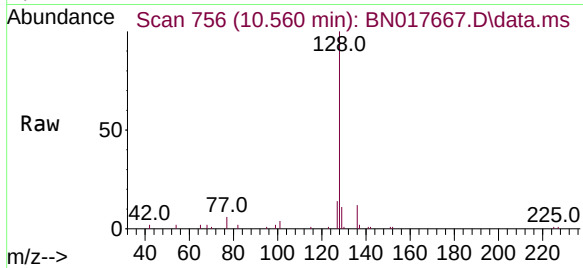




#9
Naphthalene
Concen: 0.088 ng
RT: 10.560 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

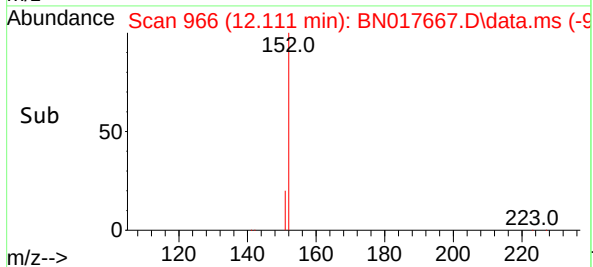
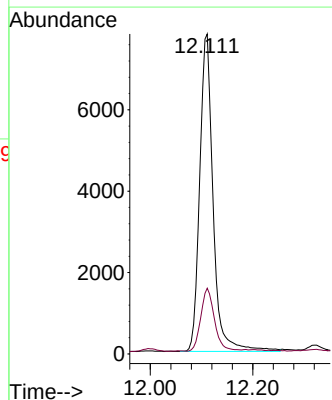
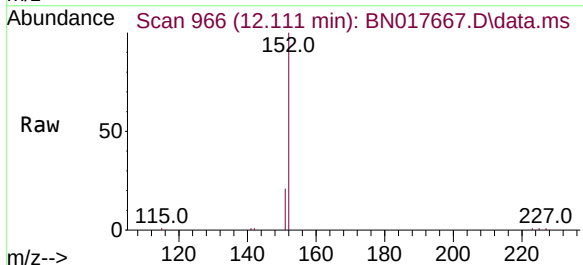
Instrument :
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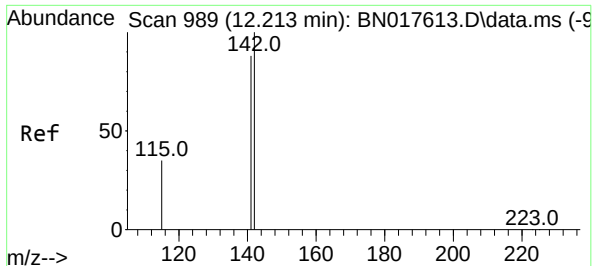
Tgt Ion:128 Resp: 16420
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.109 ng
RT: 12.111 min Scan# 966
Delta R.T. 0.005 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:152 Resp: 14177
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.051 ng

RT: 12.182 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

SLAB-5

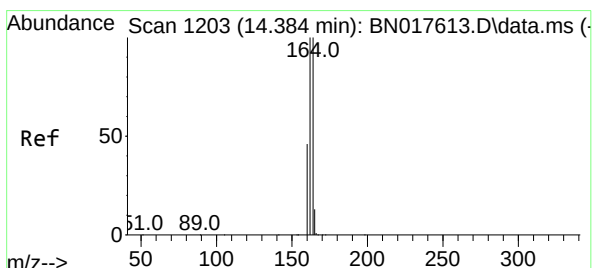
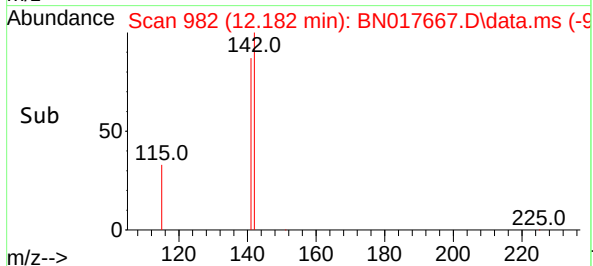
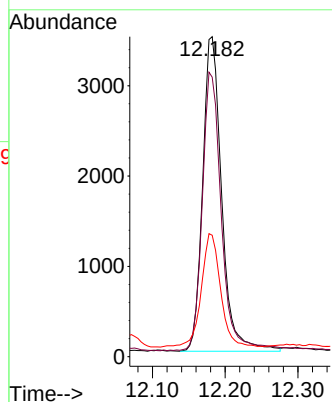
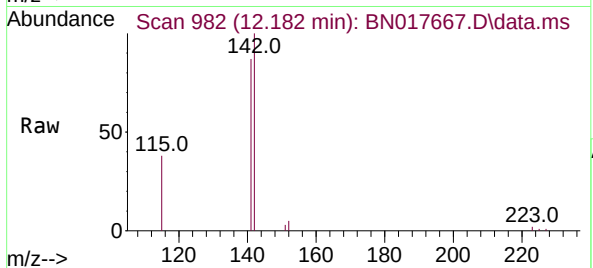
Tgt Ion:142 Resp: 6329

Ion Ratio Lower Upper

142 100

141 87.4 70.6 106.0

115 38.0 25.8 38.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.359 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

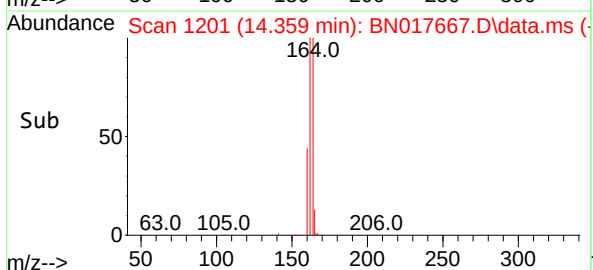
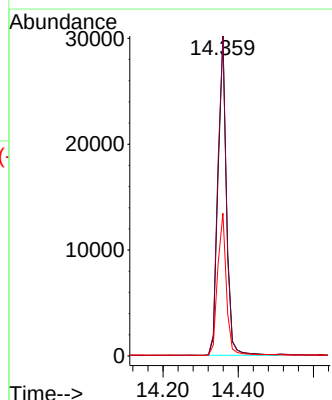
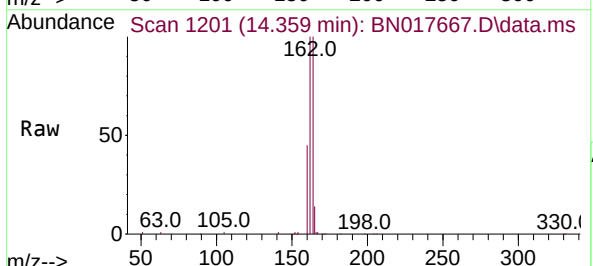
Tgt Ion:164 Resp: 47078

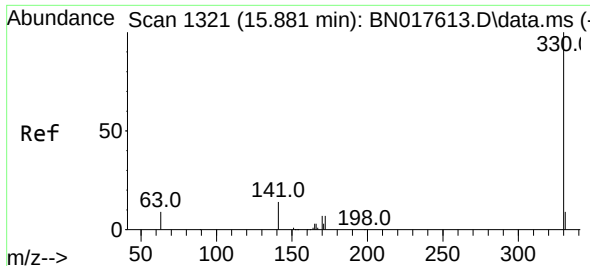
Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.2

160 44.6 36.8 55.2

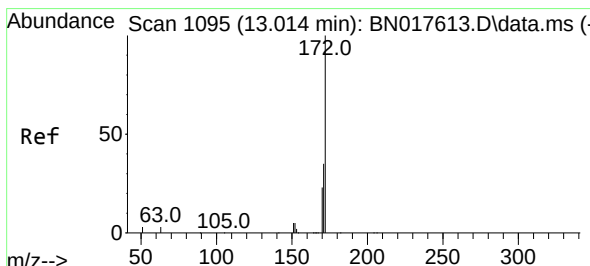
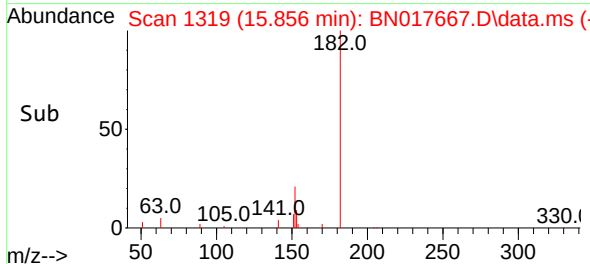
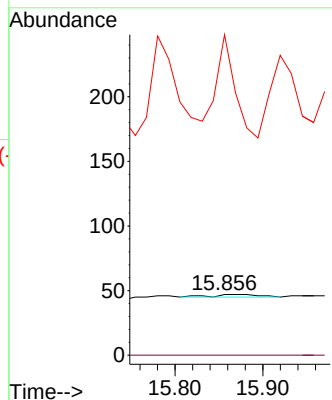
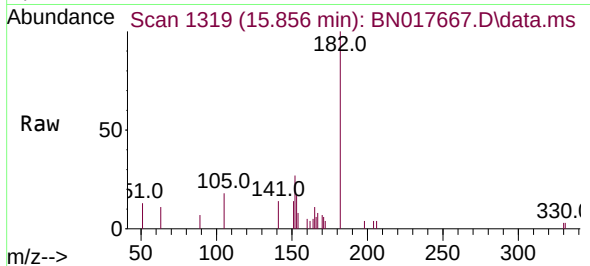




#14
2,4,6-Tribromophenol
Concen: 0.125 ng
RT: 15.856 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

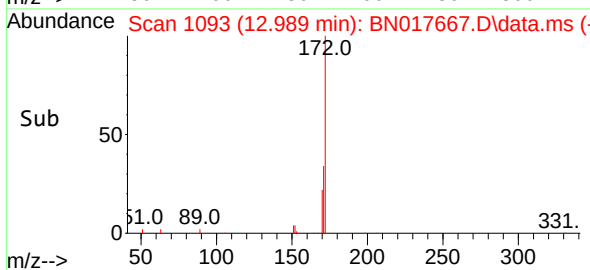
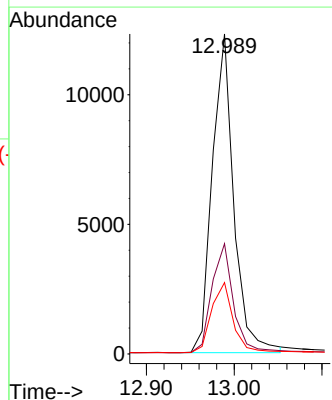
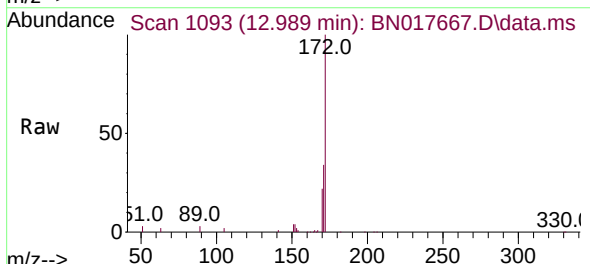
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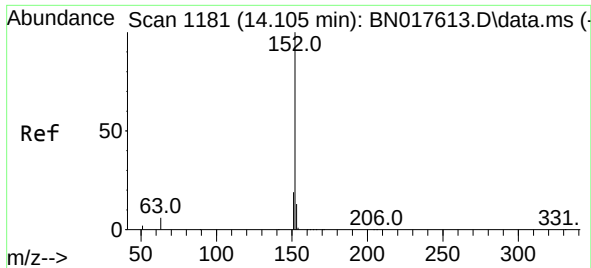
Tgt Ion:330 Resp: 8
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1450.0 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.114 ng
RT: 12.989 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:172 Resp: 20839
Ion Ratio Lower Upper
172 100
171 34.4 28.7 43.1
170 22.3 19.4 29.2

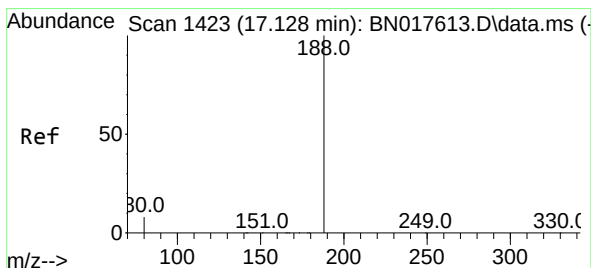
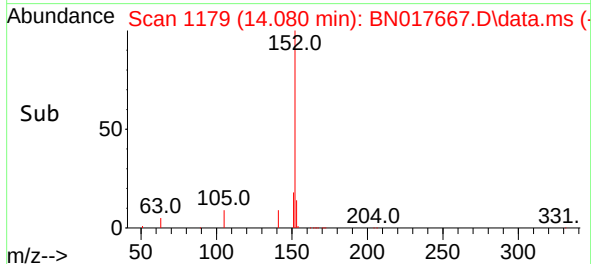
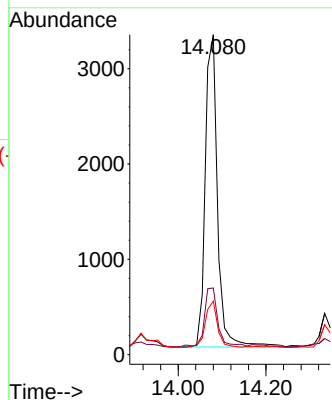
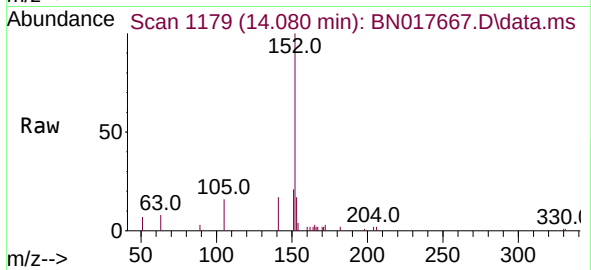




#16
Acenaphthylene
Concen: 0.035 ng
RT: 14.080 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

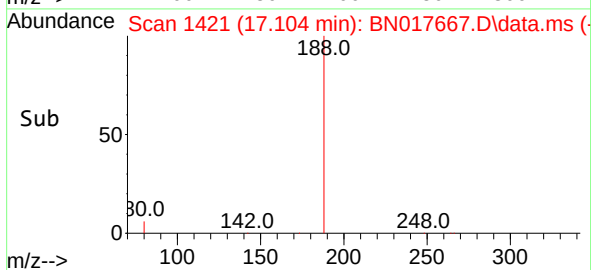
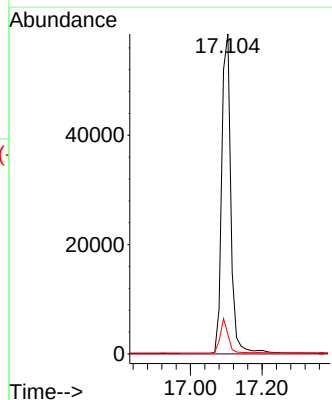
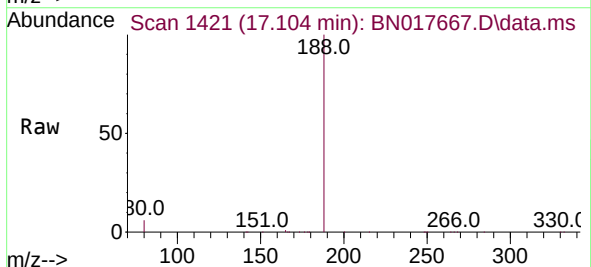
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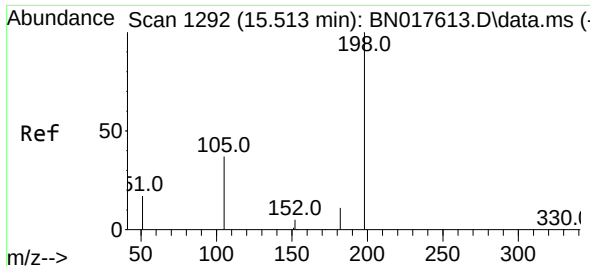
Tgt Ion:152 Resp: 6348
Ion Ratio Lower Upper
152 100
151 20.8 15.5 23.3
153 14.9 10.4 15.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:188 Resp: 103819
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 6.1 9.1#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.063 ng

RT: 15.463 min Scan# 11

Delta R.T. -0.025 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

SLAB-5

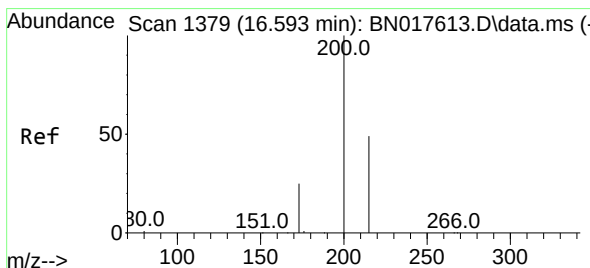
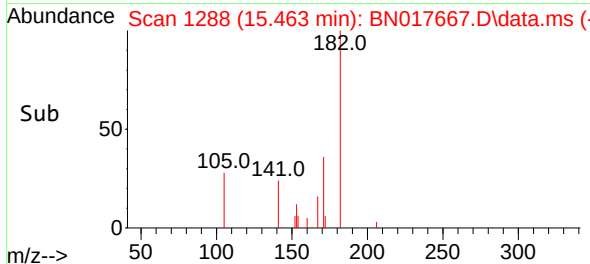
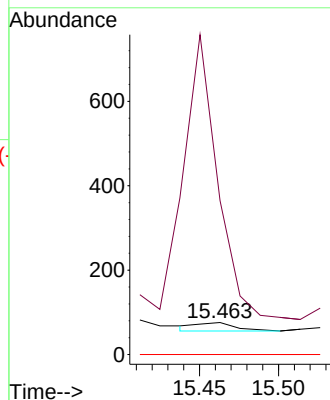
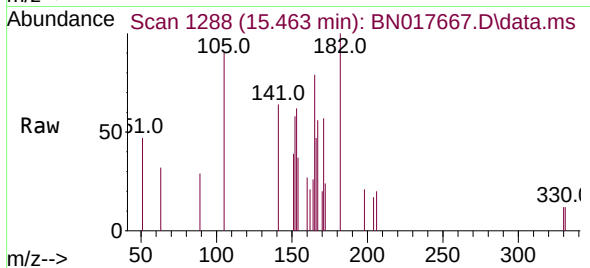
Tgt Ion:198 Resp: 34

Ion Ratio Lower Upper

198 100

182 480.3 11.4 17.2#

77 0.0 0.0 0.0



#23

Atrazine

Concen: 0.133 ng

RT: 16.569 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

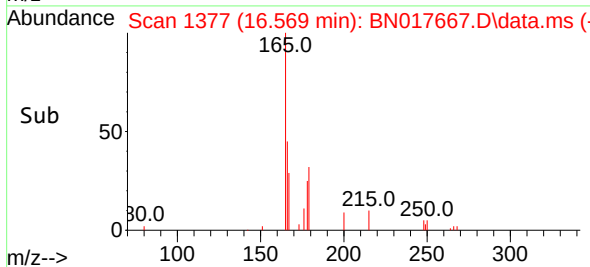
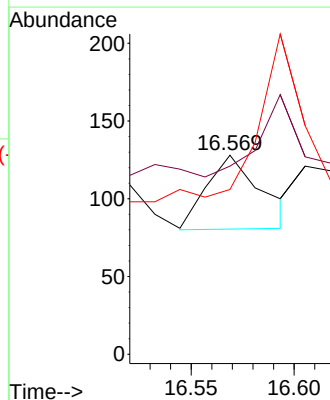
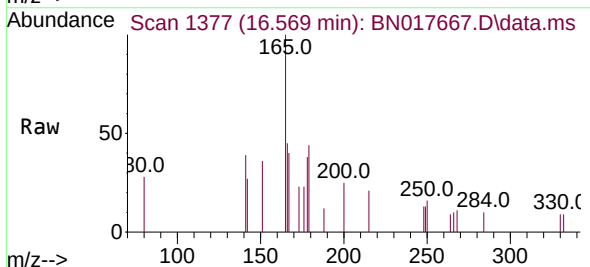
Tgt Ion:200 Resp: 88

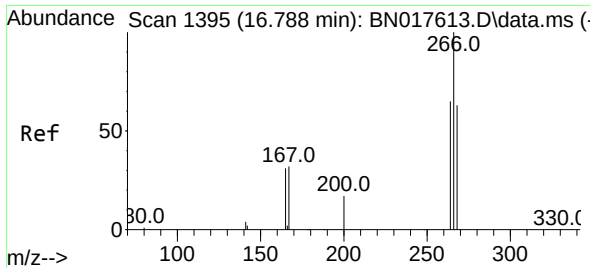
Ion Ratio Lower Upper

200 100

173 94.5 17.6 26.4#

215 82.8 40.2 60.4#

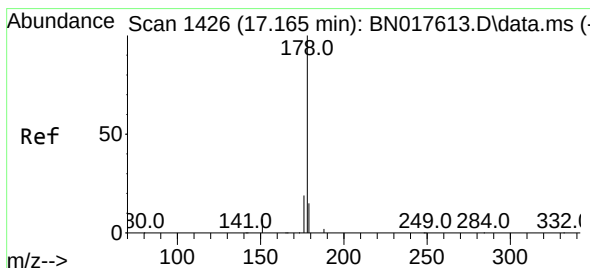
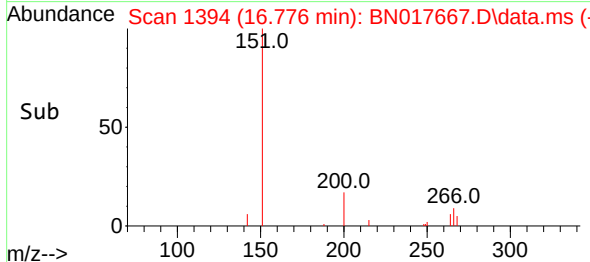
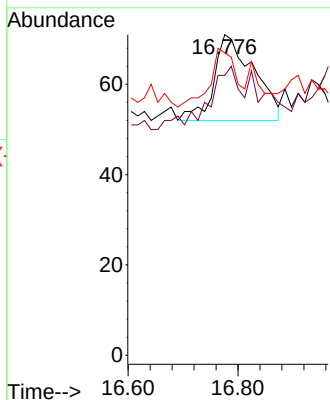
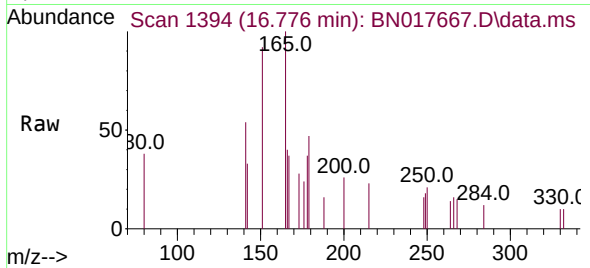




#24
 Pentachlorophenol
 Concen: 0.195 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.012 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

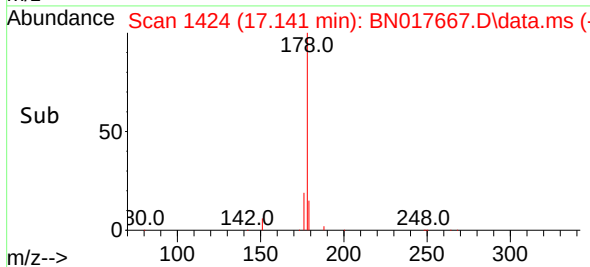
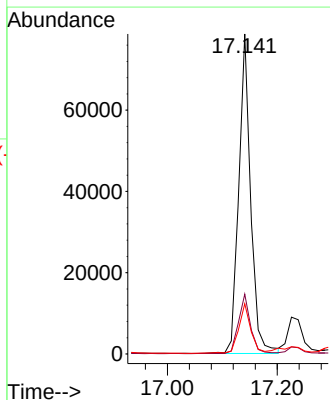
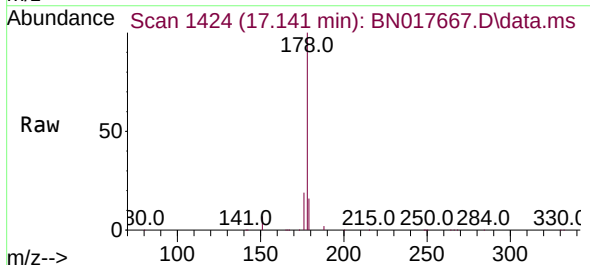
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-5

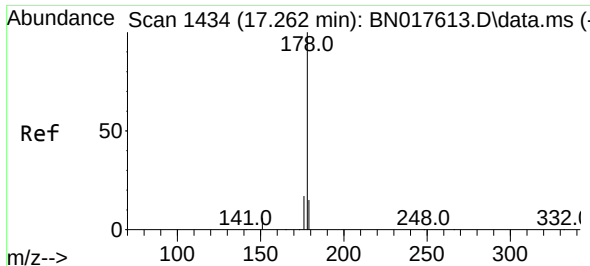
Tgt Ion:266 Resp: 96
 Ion Ratio Lower Upper
 266 100
 264 46.9 49.8 74.8#
 268 0.0 51.3 76.9#



#25
 Phenanthrene
 Concen: 0.413 ng
 RT: 17.141 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Tgt Ion:178 Resp: 117548
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 15.7 12.3 18.5

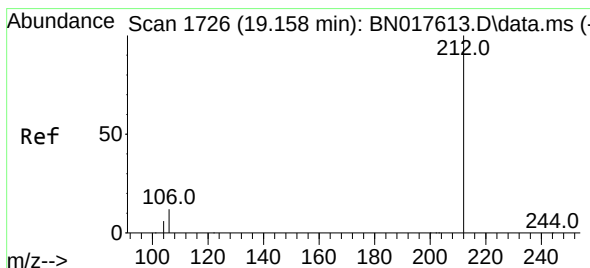
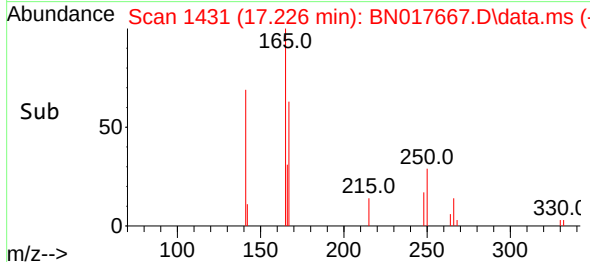
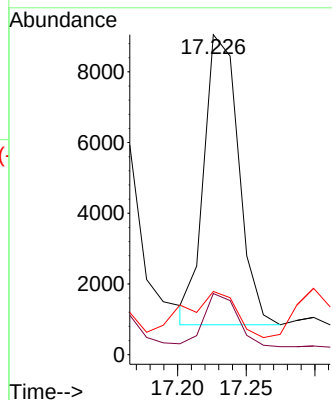
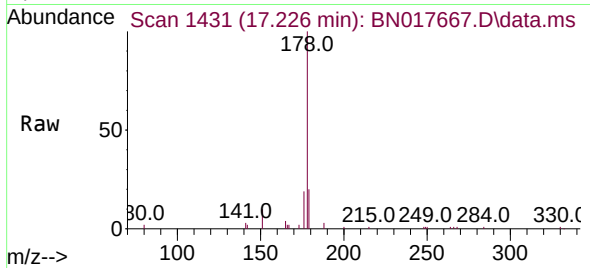




#26
 Anthracene
 Concen: 0.059 ng
 RT: 17.226 min Scan# 1434
 Delta R.T. -0.012 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

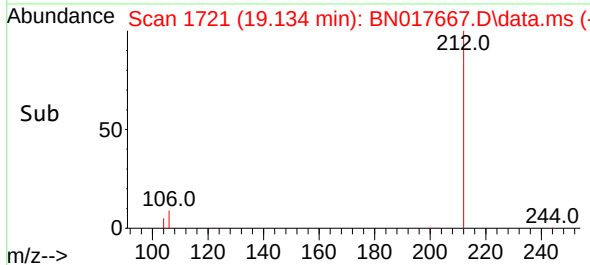
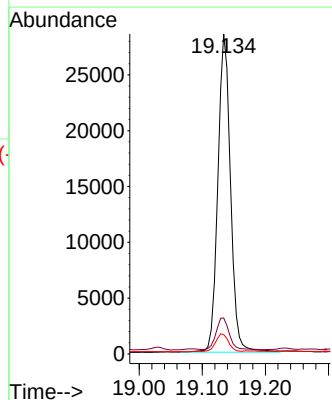
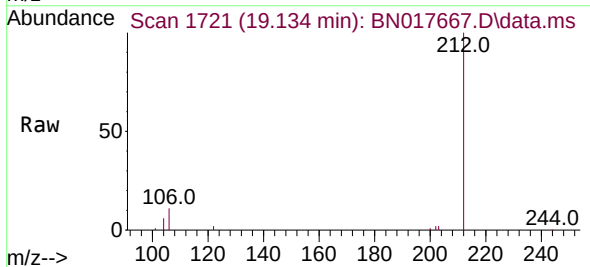
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-5

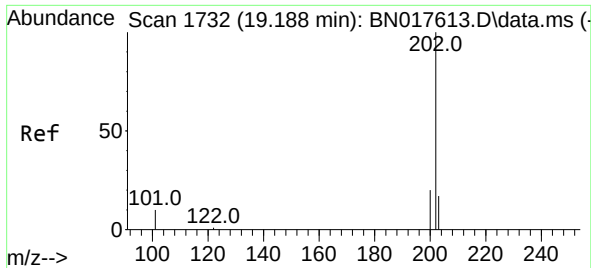
Tgt Ion:178 Resp: 14392
 Ion Ratio Lower Upper
 178 100
 176 20.4 14.6 22.0
 179 23.6 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.123 ng
 RT: 19.134 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Tgt Ion:212 Resp: 39880
 Ion Ratio Lower Upper
 212 100
 106 10.3 10.5 15.7#
 104 5.9 5.8 8.6

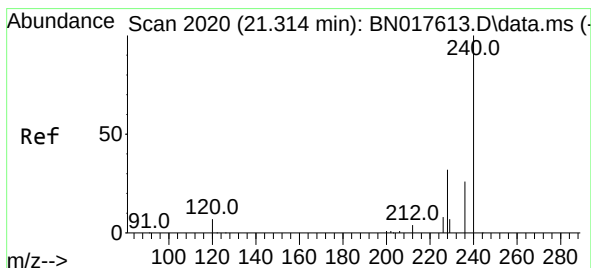
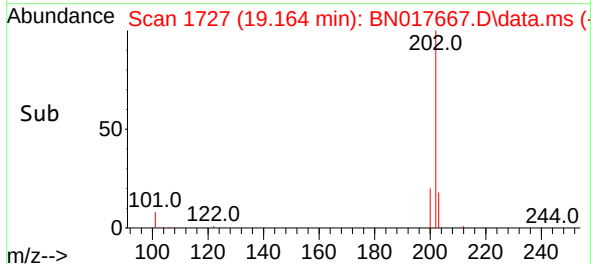
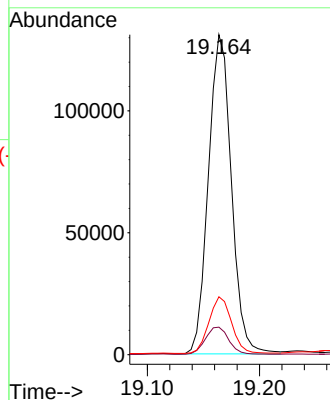
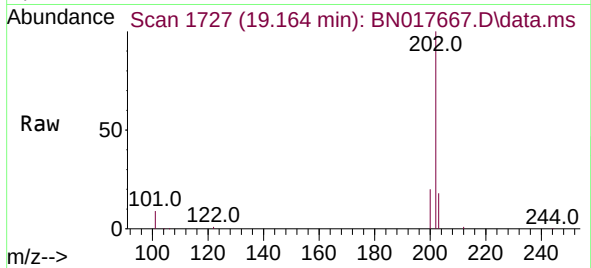




#28
Fluoranthene
Concen: 0.580 ng
RT: 19.164 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

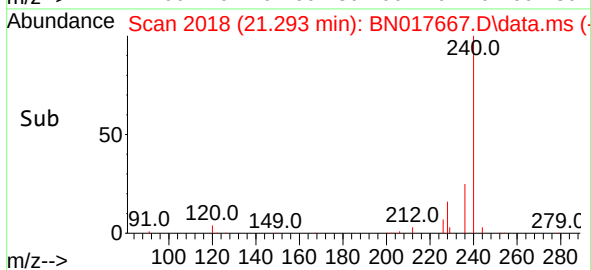
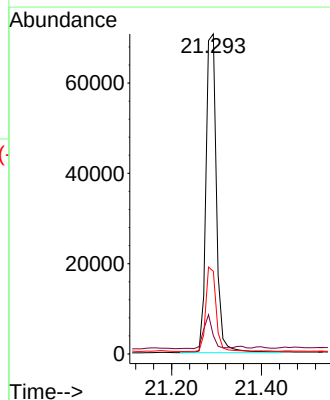
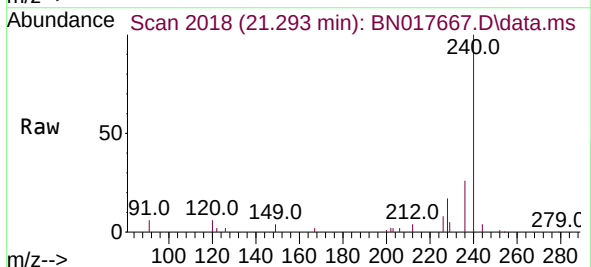
Instrument :
BNA_N
ClientSampleId :
SLAB-5

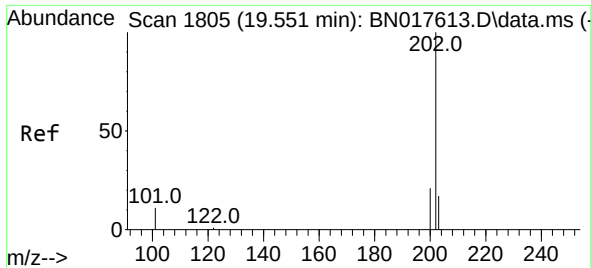
Tgt Ion:202 Resp: 186759
Ion Ratio Lower Upper
202 100
101 8.6 8.9 13.3#
203 17.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 2018
Delta R.T. 0.011 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:240 Resp: 113635
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 25.8 20.0 30.0

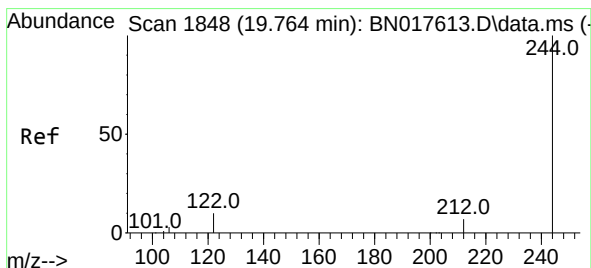
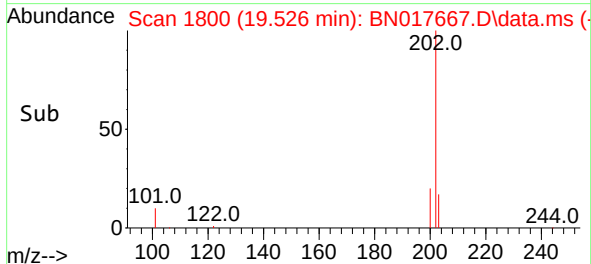
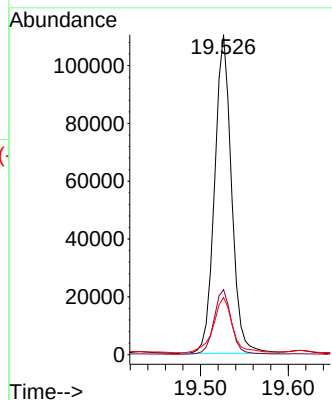
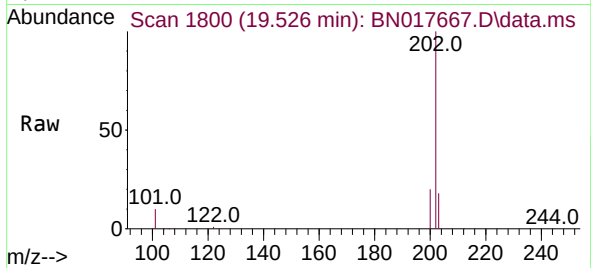




#30
Pyrene
Concen: 0.403 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

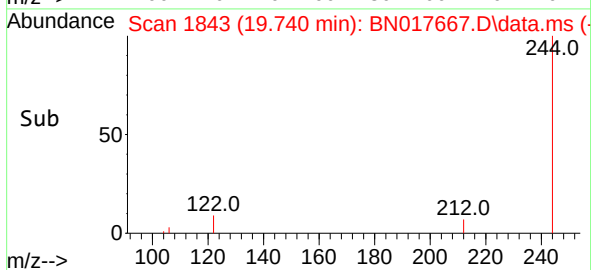
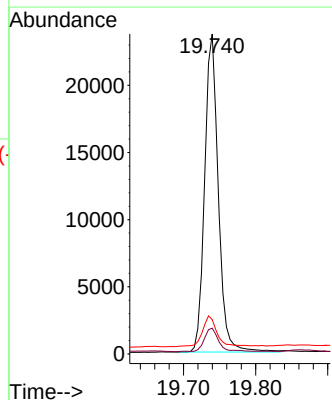
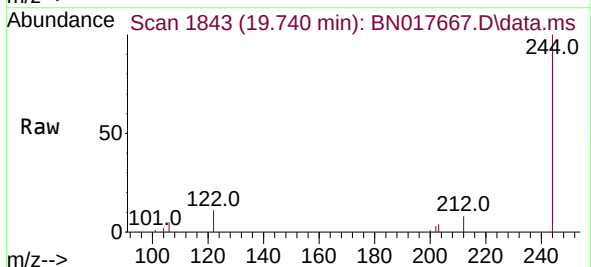
Instrument :
BNA_N
ClientSampleId :
SLAB-5

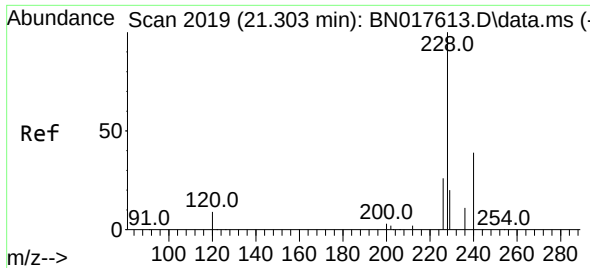
Tgt Ion:202 Resp: 147780
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 19.6 14.0 21.0



#31
Terphenyl-d14
Concen: 0.125 ng
RT: 19.740 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:244 Resp: 31224
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 10.7 8.6 13.0

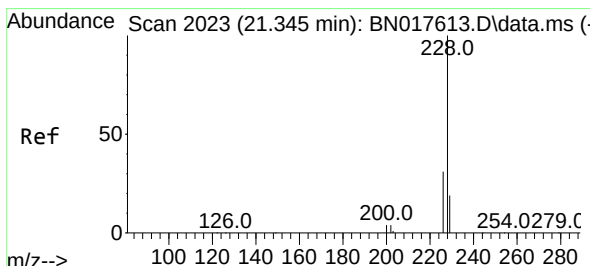
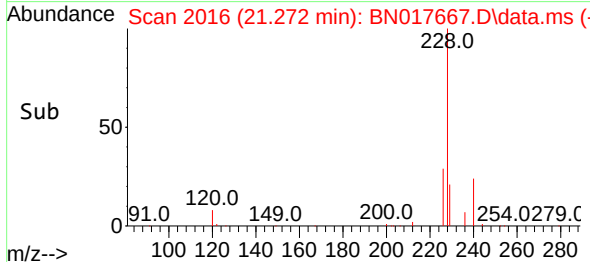
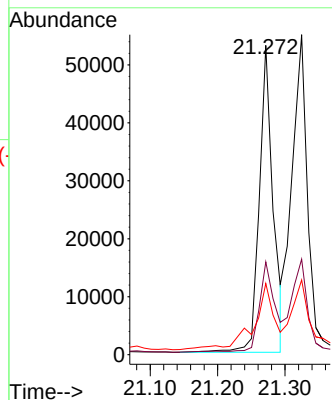
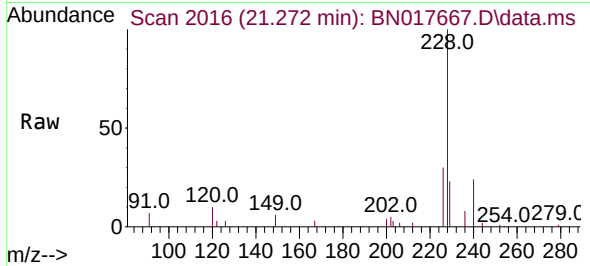




#32
Benzo(a)anthracene
Concen: 0.218 ng
RT: 21.272 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

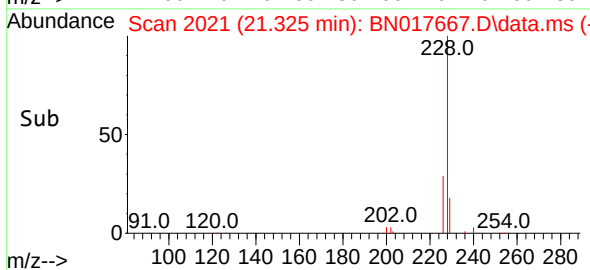
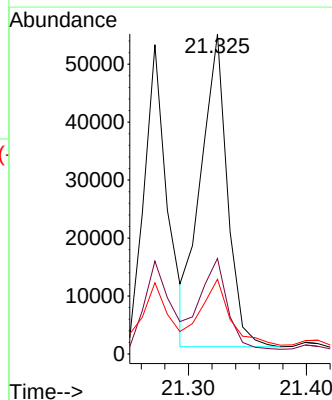
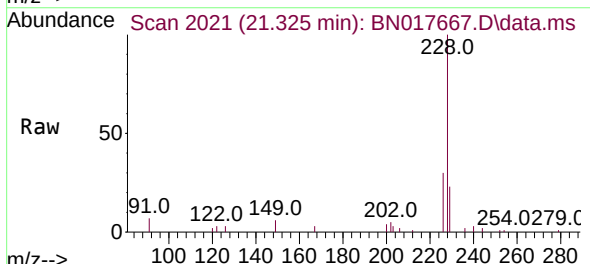
Instrument :
BNA_N
ClientSampleId :
SLAB-5

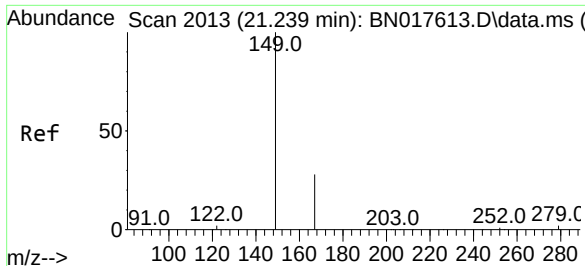
Tgt Ion:228 Resp: 75349
Ion Ratio Lower Upper
228 100
226 30.0 21.3 31.9
229 23.0 15.7 23.5



#33
Chrysene
Concen: 0.225 ng
RT: 21.325 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Tgt Ion:228 Resp: 84417
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 23.4 15.6 23.4

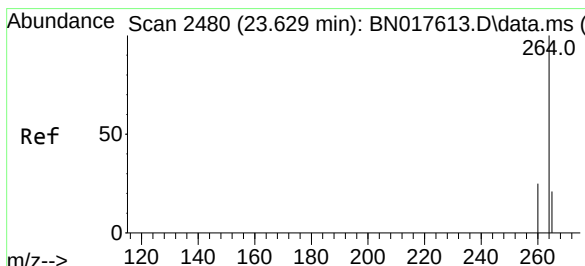
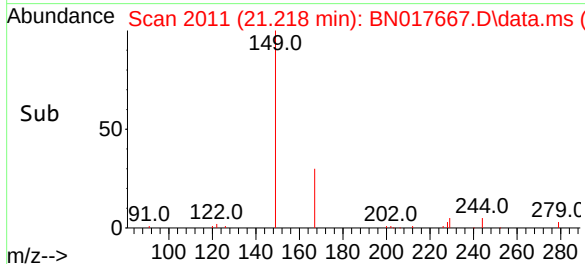
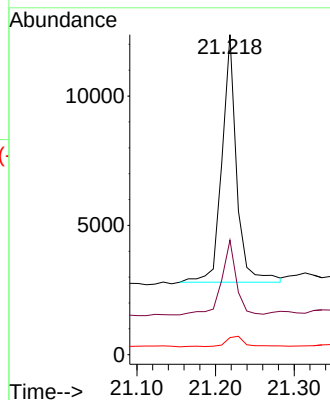
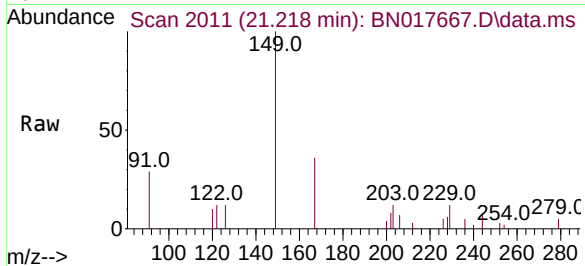




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.152 ng
 RT: 21.218 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

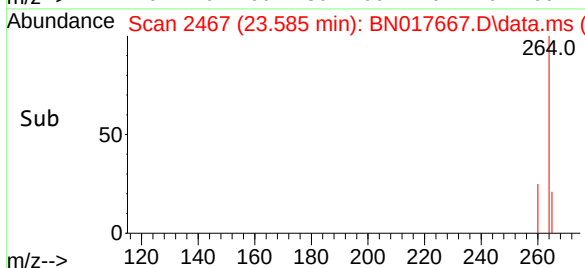
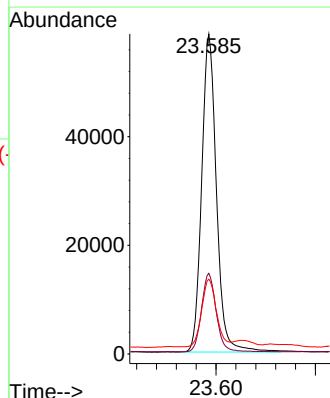
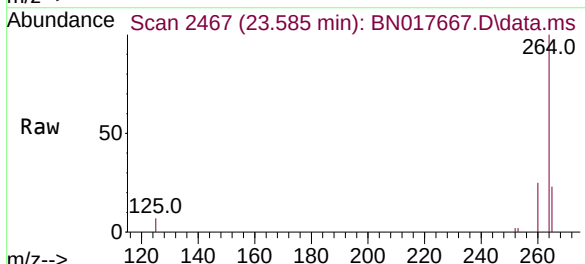
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-5

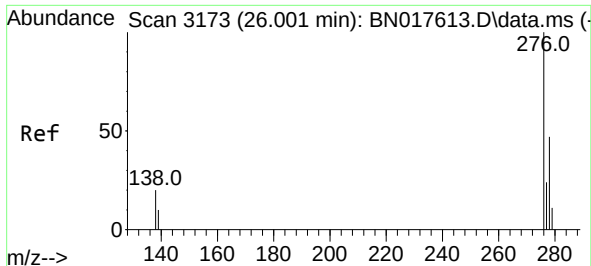
Tgt Ion:149 Resp: 12409
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.8 32.6
 279 5.8 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.585 min Scan# 2467
 Delta R.T. 0.004 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Tgt Ion:264 Resp: 120967
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 23.3 18.6 28.0

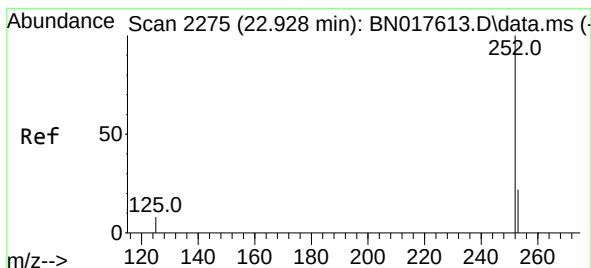
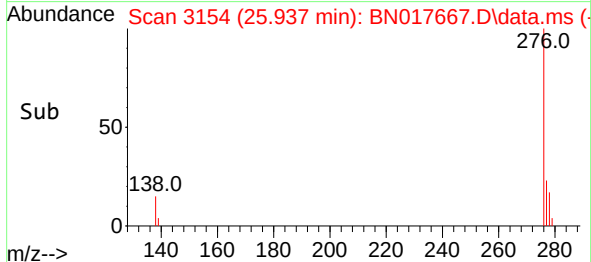
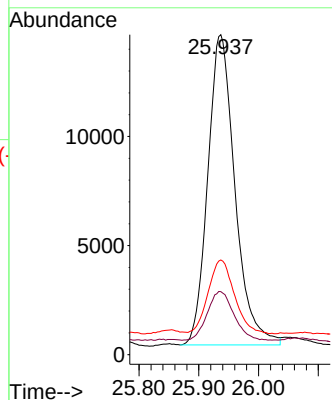
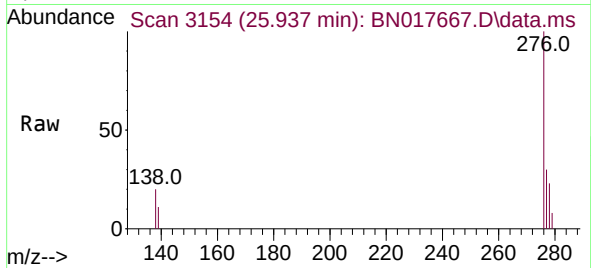




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.115 ng
 RT: 25.937 min Scan# 3173
 Delta R.T. -0.003 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

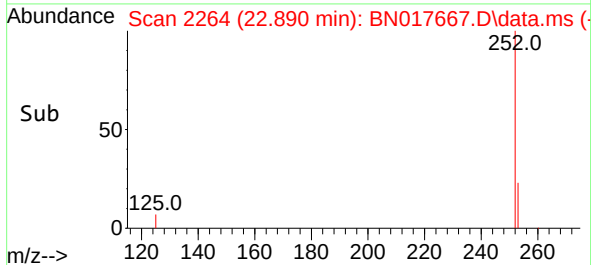
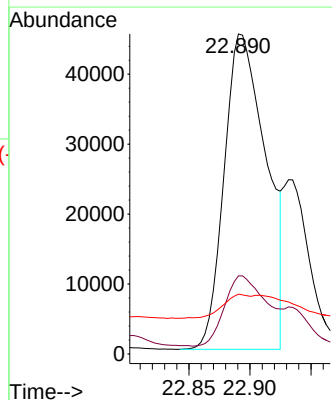
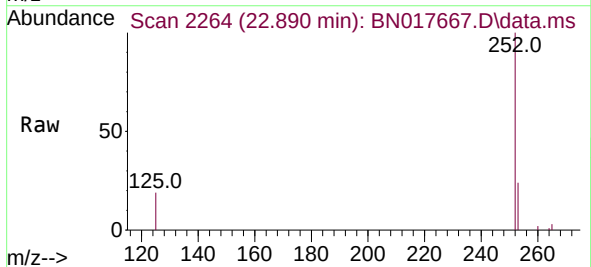
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-5

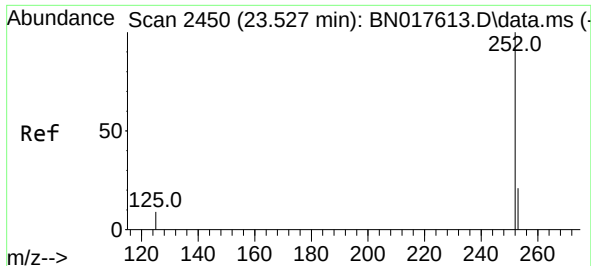
Tgt Ion:276 Resp: 45000
 Ion Ratio Lower Upper
 276 100
 138 15.4 19.7 29.5#
 277 23.1 20.0 30.0



#37
 Benzo(b)fluoranthene
 Concen: 0.269 ng
 RT: 22.890 min Scan# 2264
 Delta R.T. 0.004 min
 Lab File: BN017667.D
 Acq: 02 Dec 2021 02:51

Tgt Ion:252 Resp: 107857
 Ion Ratio Lower Upper
 252 100
 253 24.4 17.7 26.5
 125 18.7 7.8 11.8#





#39

Benzo(a)pyrene

Concen: 0.163 ng

RT: 23.483 min Scan# 24

Delta R.T. 0.004 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

Instrument :

BNA_N

ClientSampleId :

SLAB-5

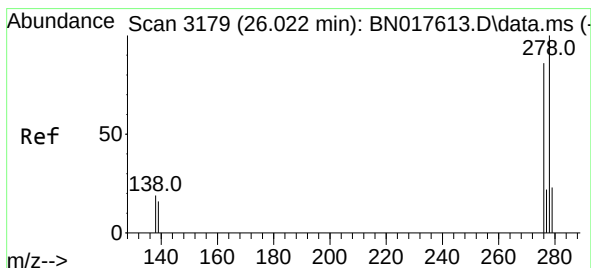
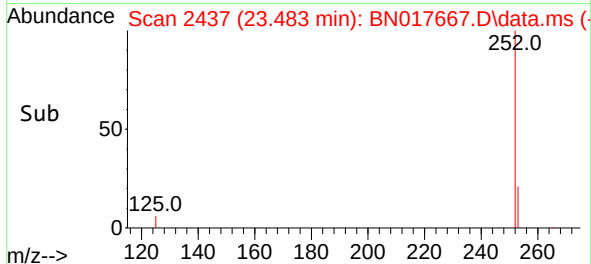
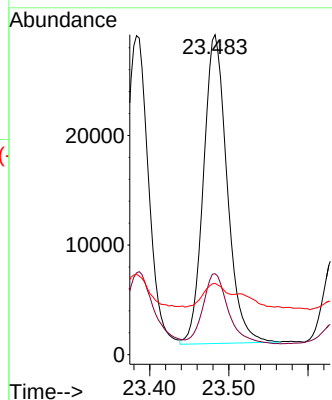
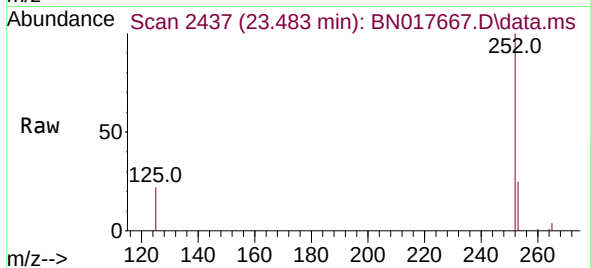
Tgt Ion:252 Resp: 58540

Ion Ratio Lower Upper

252 100

253 25.3 17.9 26.9

125 22.3 9.2 13.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.032 ng

RT: 25.944 min Scan# 3156

Delta R.T. -0.010 min

Lab File: BN017667.D

Acq: 02 Dec 2021 02:51

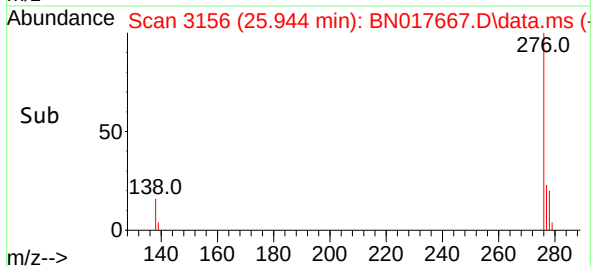
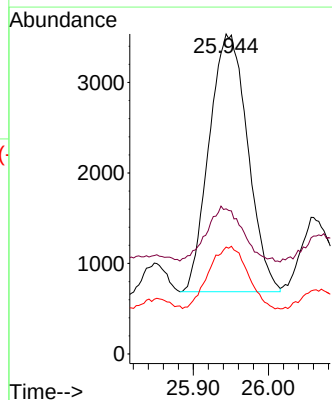
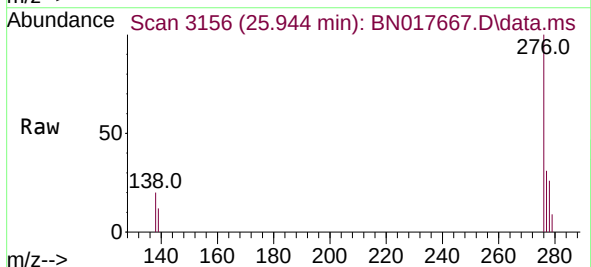
Tgt Ion:278 Resp: 10143

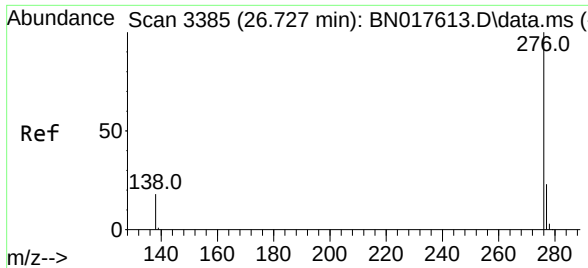
Ion Ratio Lower Upper

278 100

139 45.3 13.0 19.6#

279 33.4 19.2 28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.138 ng
RT: 26.656 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN017667.D
Acq: 02 Dec 2021 02:51

Instrument :
BNA_N
ClientSampleId :
SLAB-5

Tgt Ion:276 Resp: 45407
Ion Ratio Lower Upper
276 100
277 29.4 19.0 28.4#
138 19.0 17.1 25.7

