

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017680.D
 Acq On : 02 Dec 2021 10:39
 Operator : CG/JU
 Sample : M4895-11DL 50X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 02 11:08:32 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)

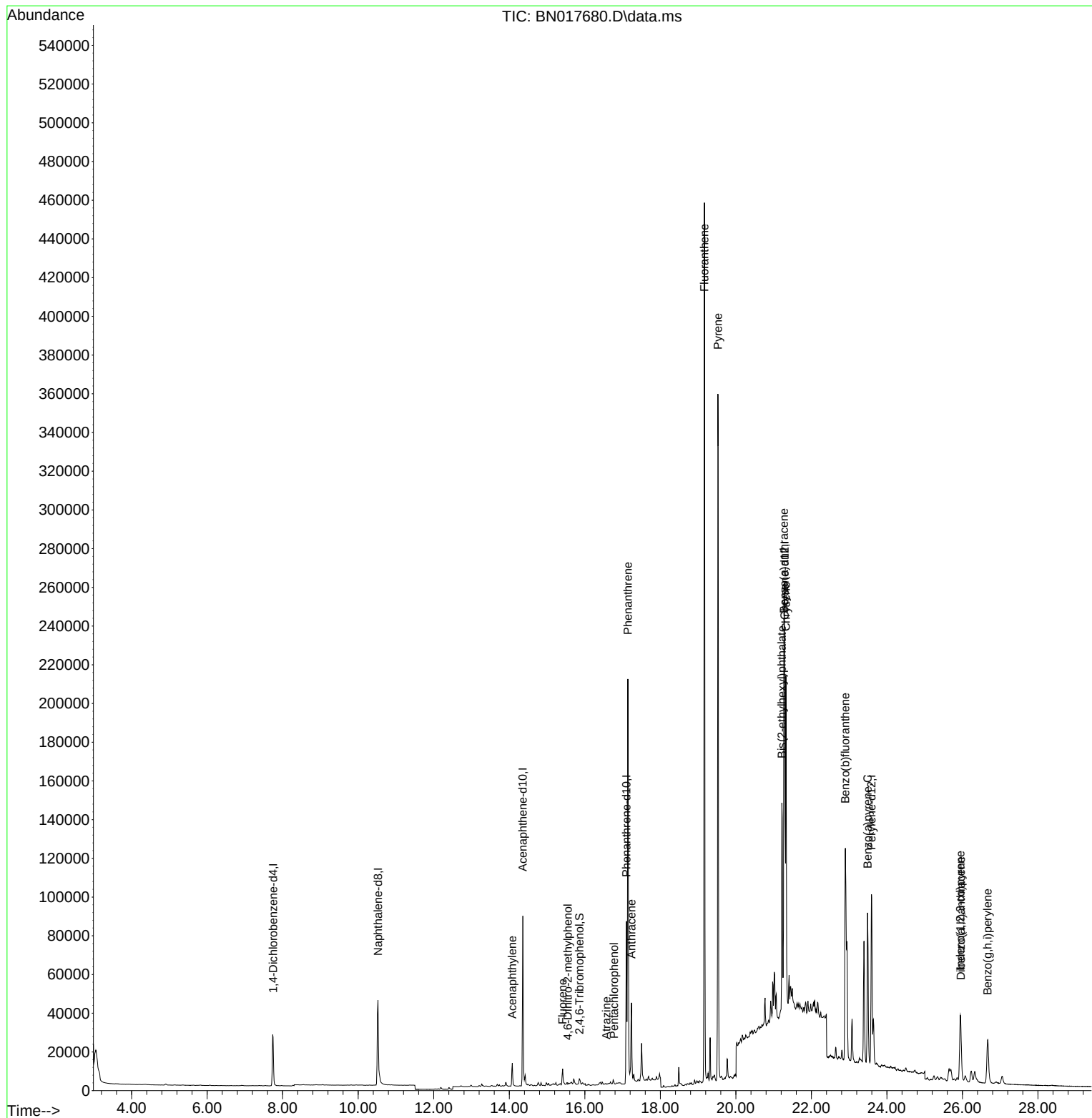
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	17944	0.400	ng	0.00
7) Naphthalene-d8	10.522	136	77130	0.400	ng	# 0.01
13) Acenaphthene-d10	14.359	164	53925	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	121499	0.400	ng	0.00
29) Chrysene-d12	21.292	240	128835	0.400	ng	# 0.01
35) Perylene-d12	23.592	264	122541	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	187	0.005	ng	0.00
5) Phenol-d6	6.915	99	194	0.005	ng	0.00
8) Nitrobenzene-d5	8.887	82	242	0.007	ng	0.01
11) 2-Methylnaphthalene-d10	12.115	152	470	0.003	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	113	0.128	ng	0.01
15) 2-Fluorobiphenyl	12.988	172	837	0.004	ng	0.00
27) Fluoranthene-d10	19.138	212	1492	0.004	ng	0.00
31) Terphenyl-d14	19.739	244	1696	0.006	ng	0.00
Target Compounds						
						Qvalue
16) Acenaphthylene	14.079	152	15414	0.073	ng	98
18) Fluorene	15.412	166	5994	0.034	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.551	198	21	0.060	ng	# 1
23) Atrazine	16.568	200	55	0.132	ng	# 1
24) Pentachlorophenol	16.775	266	99	0.195	ng	# 72
25) Phenanthrene	17.140	178	219931	0.660	ng	100
26) Anthracene	17.238	178	52746	0.184	ng	96
28) Fluoranthene	19.168	202	418613	1.110	ng	# 97
30) Pyrene	19.526	202	328391	0.790	ng	97
32) Benzo(a)anthracene	21.271	228	178660	0.457	ng	96
33) Chrysene	21.324	228	149566	0.351	ng	95
34) Bis(2-ethylhexyl)phtha...	21.218	149	127019	1.368	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.947	276	62175	0.156	ng	# 89
37) Benzo(b)fluoranthene	22.900	252	202782	0.499	ng	# 90
39) Benzo(a)pyrene	23.489	252	119281	0.328	ng	# 89
40) Dibenzo(a,h)anthracene	25.957	278	14293	0.044	ng	# 59
41) Benzo(g,h,i)perylene	26.669	276	54690	0.163	ng	93

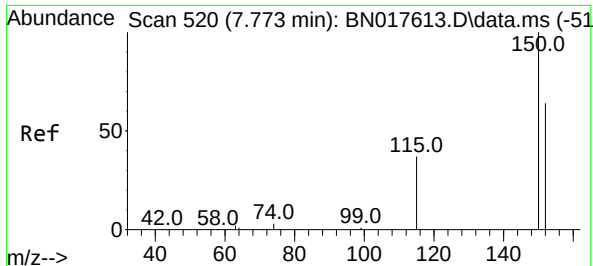
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

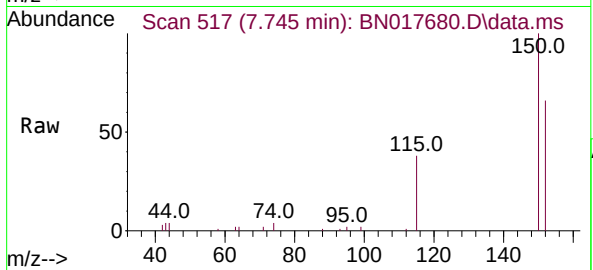
Quant Time: Dec 02 11:08:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration



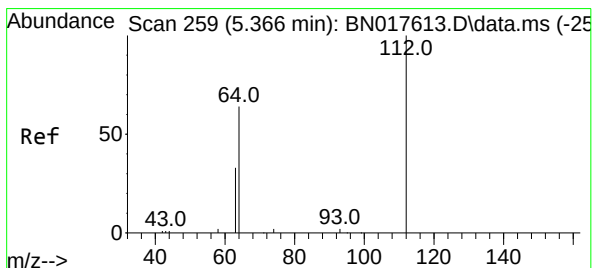
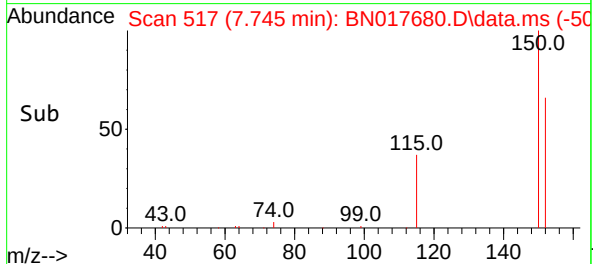
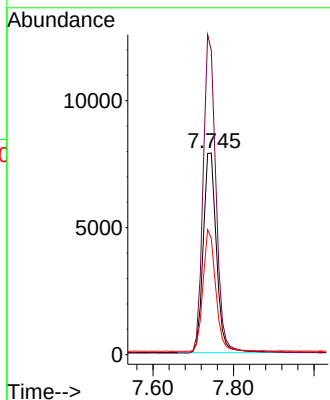


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.745 min Scan# 517
Delta R.T. 0.009 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :
BNA_N
ClientSampleId :

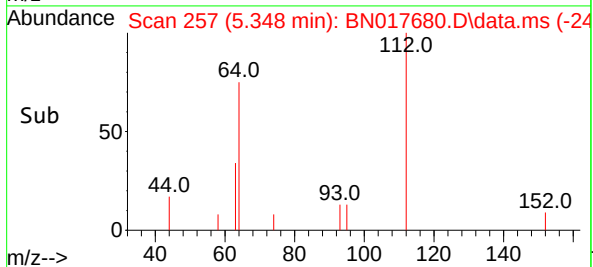
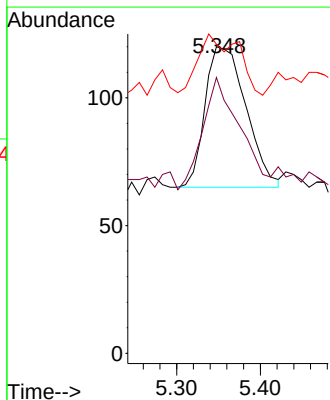
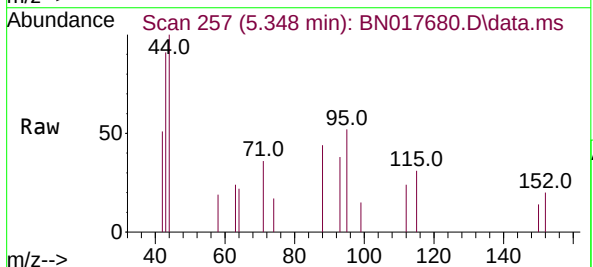


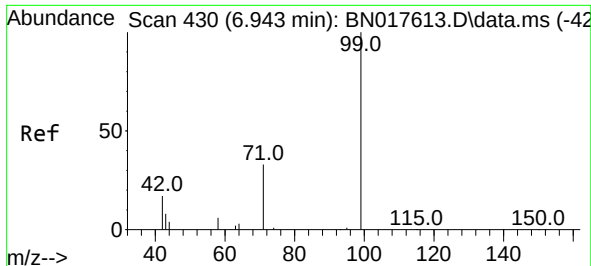
Tgt Ion:152 Resp: 17944
Ion Ratio Lower Upper
152 100
150 150.9 123.0 184.4
115 57.7 45.6 68.4



#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.348 min Scan# 257
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

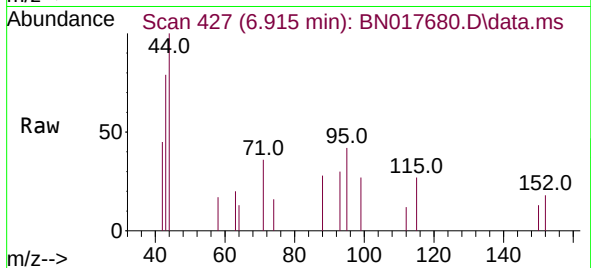
Tgt Ion:112 Resp: 187
Ion Ratio Lower Upper
112 100
64 73.3 47.6 71.4#
63 42.2 24.6 37.0#



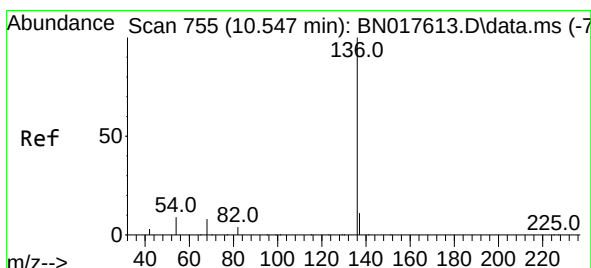
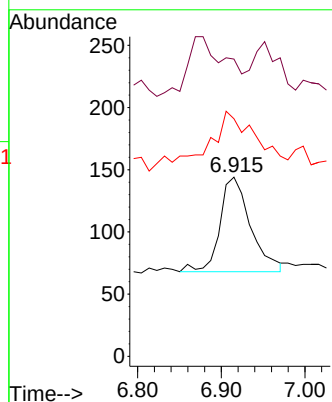
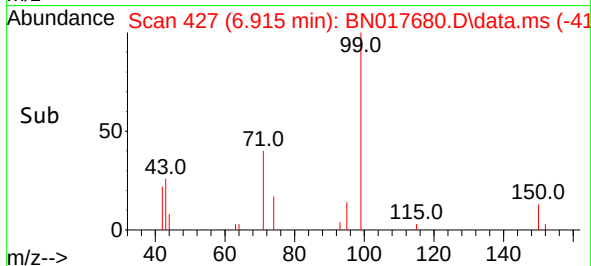


#5
Phenol-d6
Concen: 0.005 ng
RT: 6.915 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

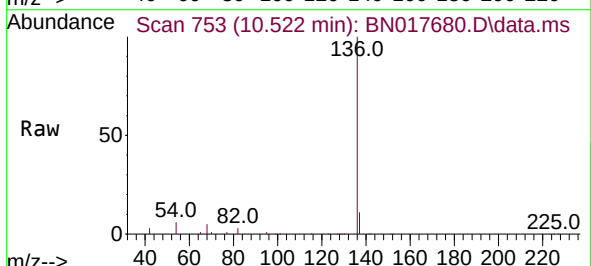
Instrument :
BNA_N
ClientSampleId :



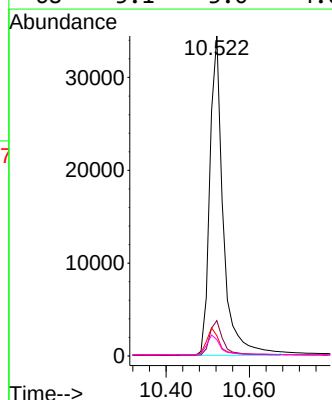
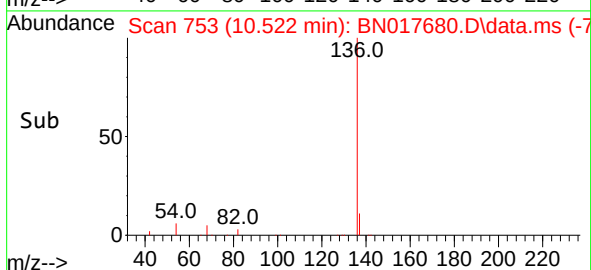
Tgt Ion: 99 Resp: 194
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 68.0 24.8 37.2#

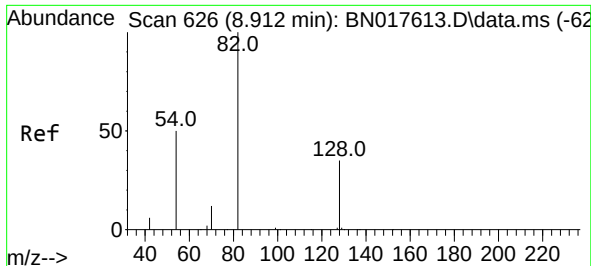


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 753
Delta R.T. 0.012 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39



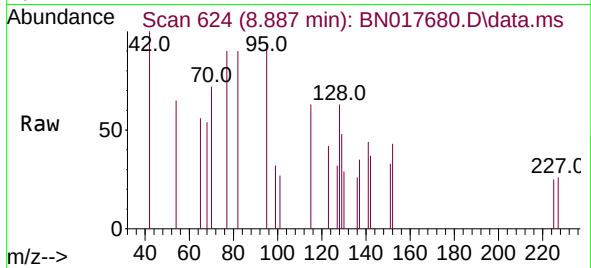
Tgt Ion: 136 Resp: 77130
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.3 4.0 6.0#
68 5.1 3.0 4.6#



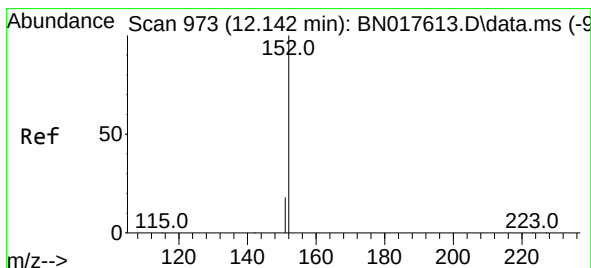
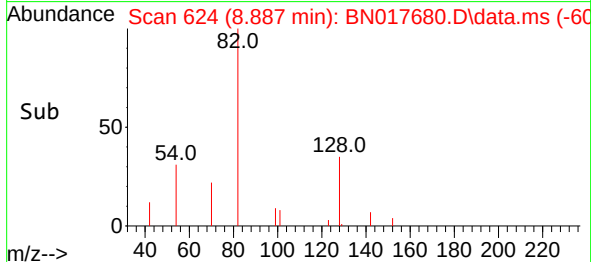
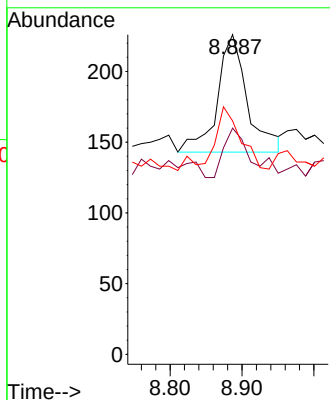


#8
Nitrobenzene-d5
Concen: 0.007 ng
RT: 8.887 min Scan# 61
Delta R.T. 0.012 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :
BNA_N
ClientSampleId :

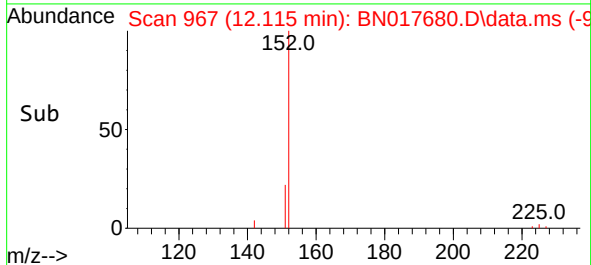
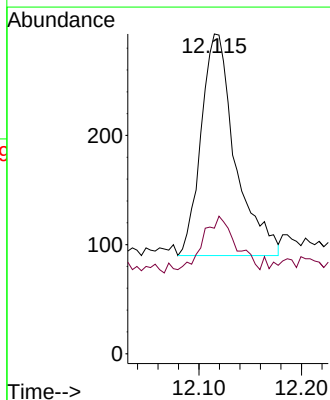
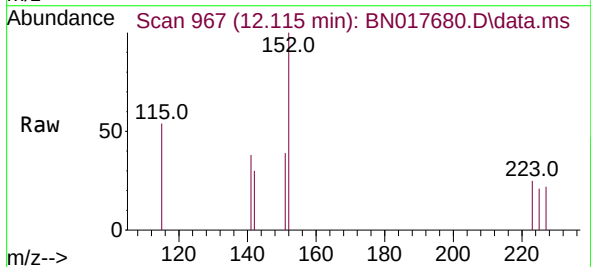


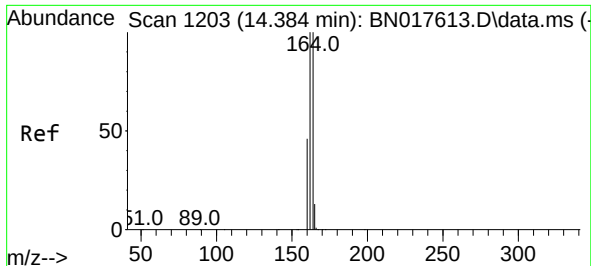
Tgt Ion: 82 Resp: 242
Ion Ratio Lower Upper
82 100
128 70.8 27.7 41.5#
54 73.0 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.115 min Scan# 967
Delta R.T. 0.009 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion: 152 Resp: 470
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.4

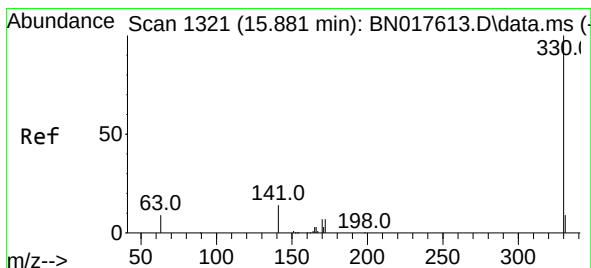
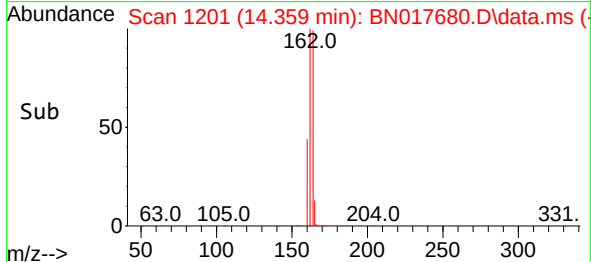
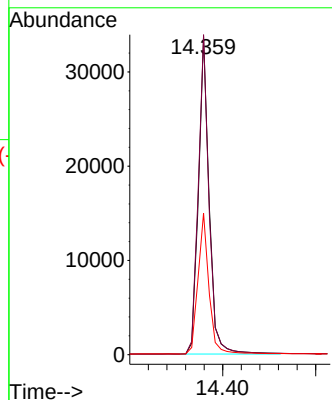
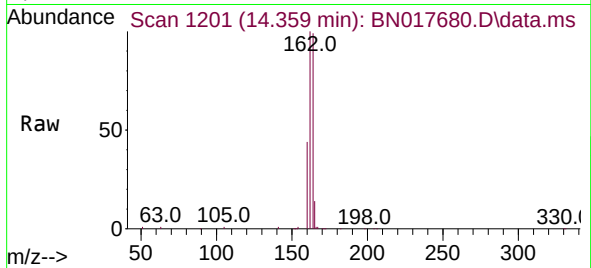




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.359 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

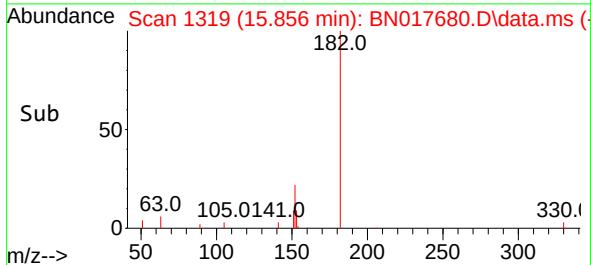
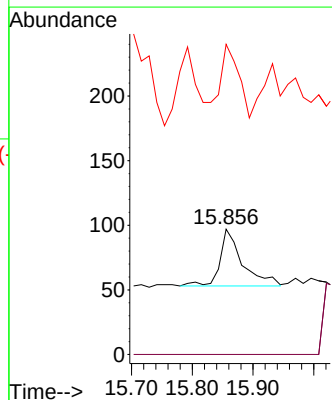
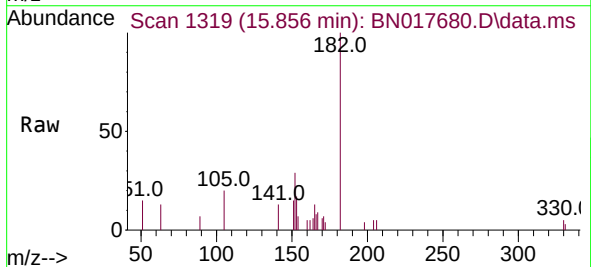
Instrument :
 BNA_N
 ClientSampleId :

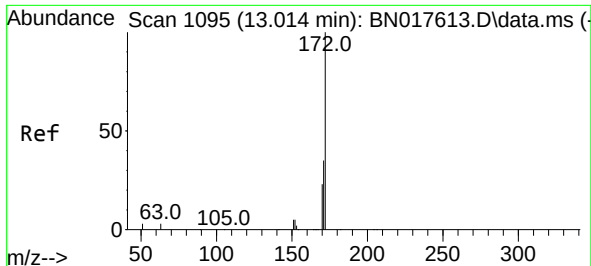
Tgt Ion:164 Resp: 53925
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.4 122.2
 160 44.5 36.8 55.2



#14
 2,4,6-Tribromophenol
 Concen: 0.128 ng
 RT: 15.856 min Scan# 1319
 Delta R.T. 0.012 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

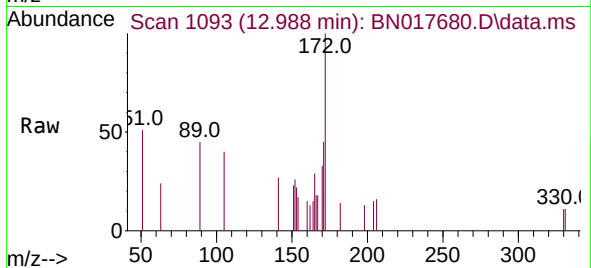
Tgt Ion:330 Resp: 113
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 99.1 28.9 43.3#



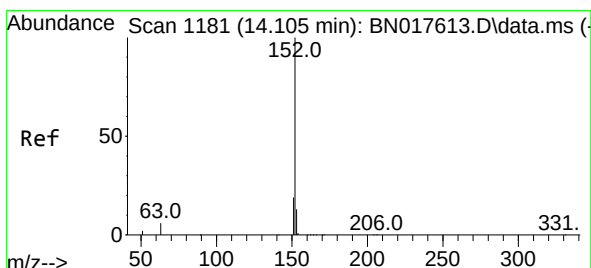
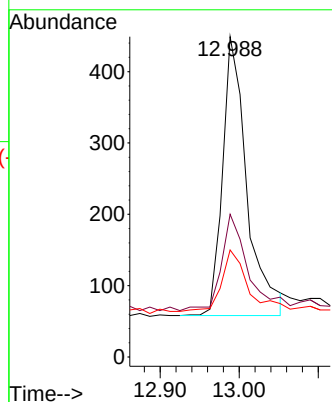
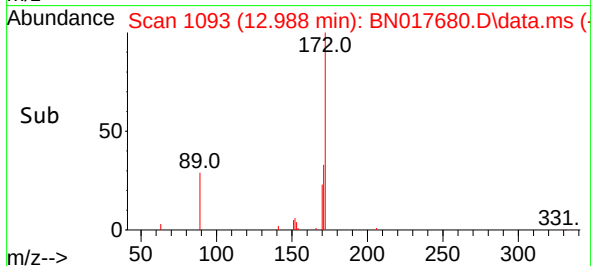


#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 12.988 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

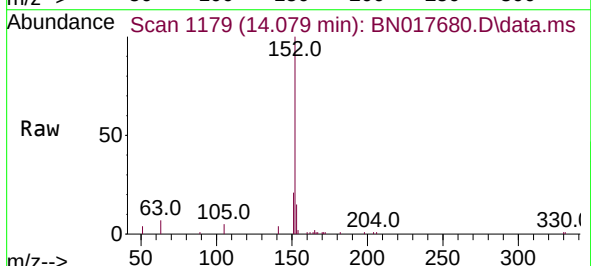
Instrument :
BNA_N
ClientSampleId :



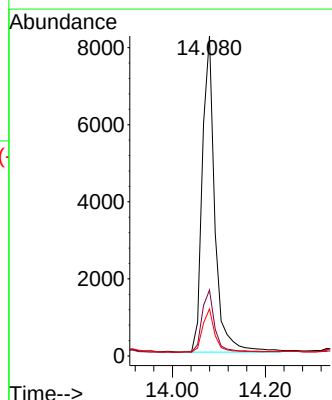
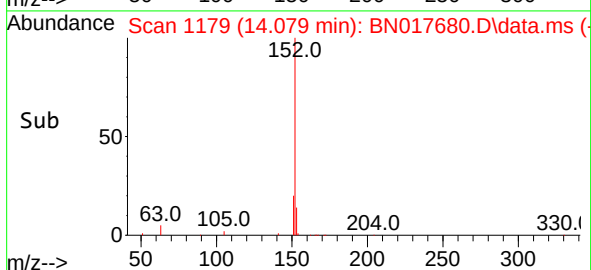
Tgt Ion:172 Resp: 837
Ion Ratio Lower Upper
172 100
171 44.5 28.7 43.1#
170 33.4 19.4 29.2#

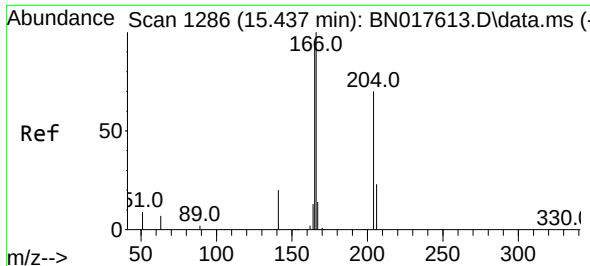


#16
Acenaphthylene
Concen: 0.073 ng
RT: 14.079 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39



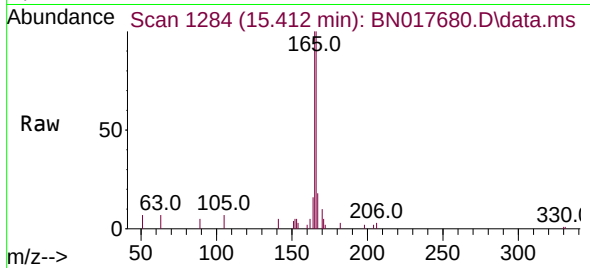
Tgt Ion:152 Resp: 15414
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.8 10.4 15.6



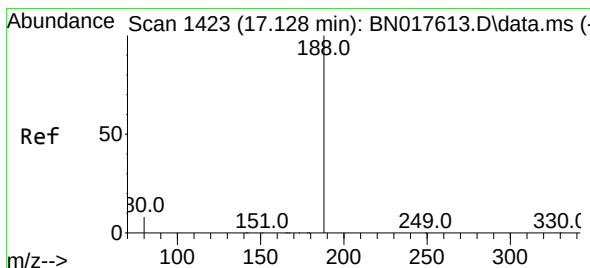
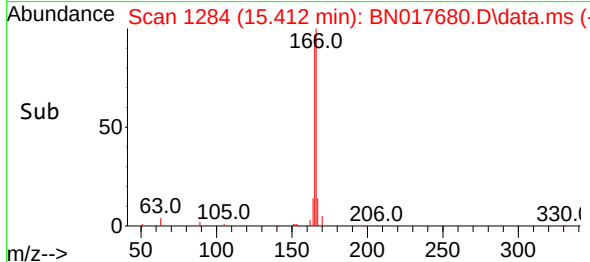
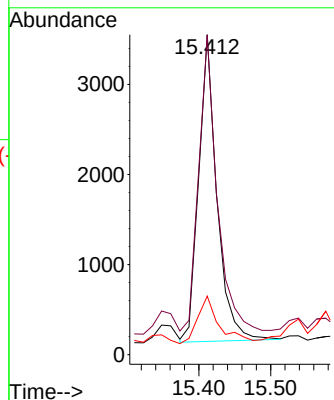


#18
Fluorene
Concen: 0.034 ng
RT: 15.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :
BNA_N
ClientSampleId :

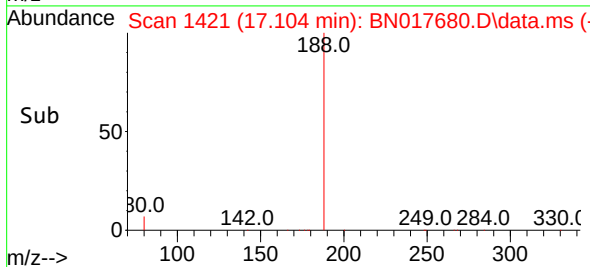
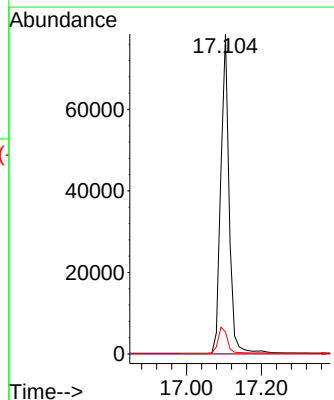
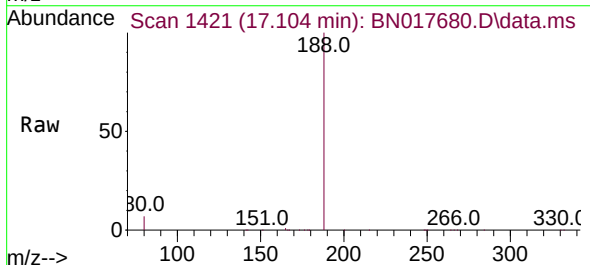


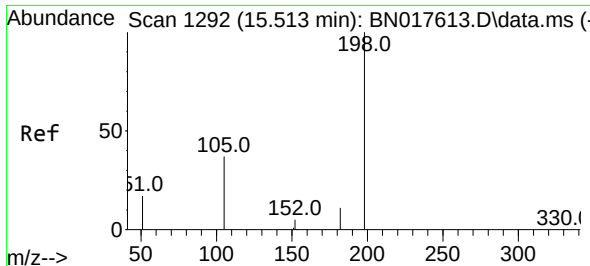
Tgt Ion:166 Resp: 5994
Ion Ratio Lower Upper
166 100
165 98.5 77.9 116.9
167 18.7 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

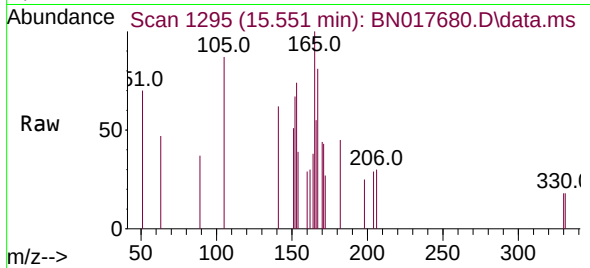
Tgt Ion:188 Resp: 121499
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 6.1 9.1



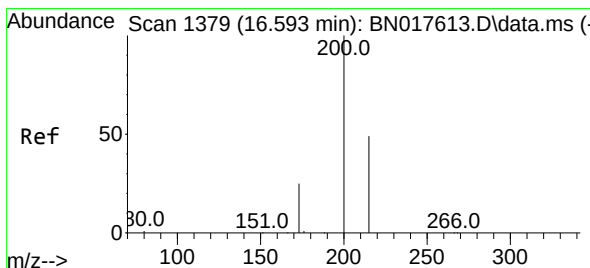
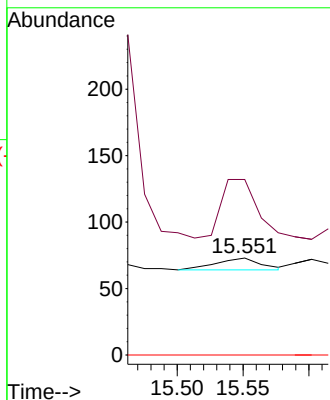
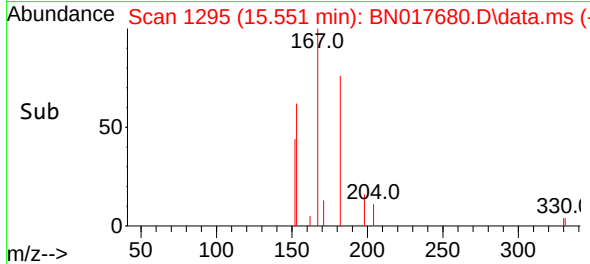


#20
4,6-Dinitro-2-methylphenol
Concen: 0.060 ng
RT: 15.551 min Scan# 11
Delta R.T. 0.063 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

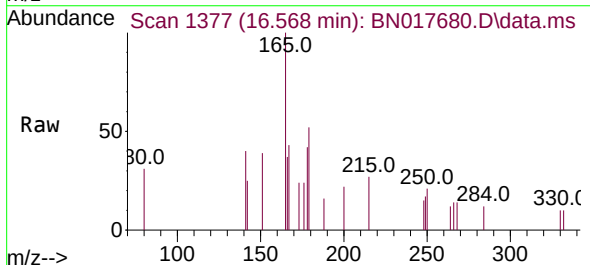
Instrument :
BNA_N
ClientSampleId :



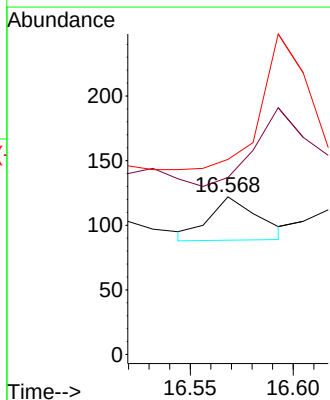
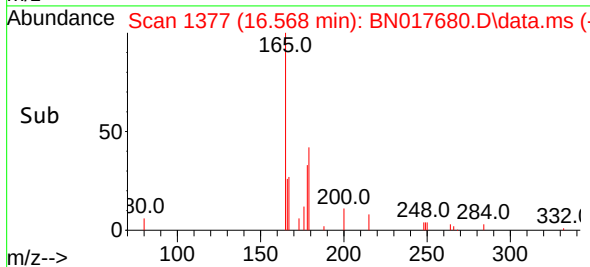
Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
182 180.8 11.4 17.2#
77 0.0 0.0 0.0

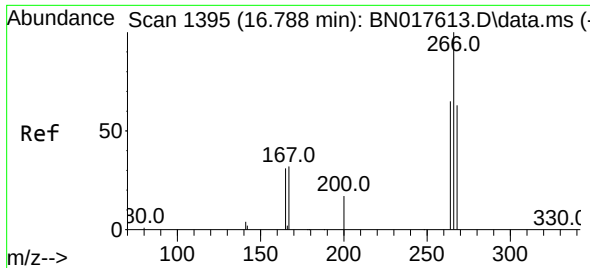


#23
Atrazine
Concen: 0.132 ng
RT: 16.568 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39



Tgt Ion:200 Resp: 55
Ion Ratio Lower Upper
200 100
173 112.3 17.6 26.4#
215 123.8 40.2 60.4#

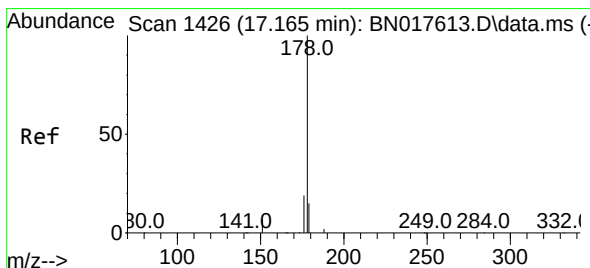
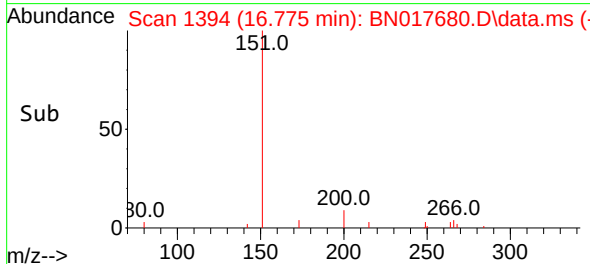
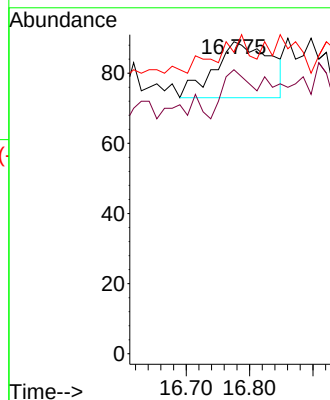
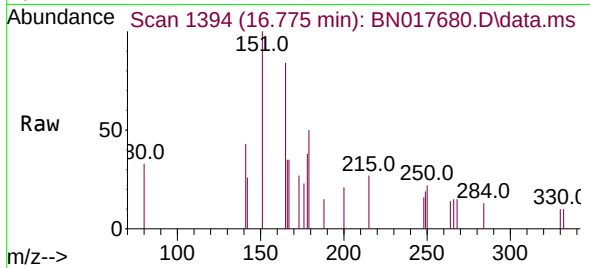




#24
 Pentachlorophenol
 Concen: 0.195 ng
 RT: 16.775 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

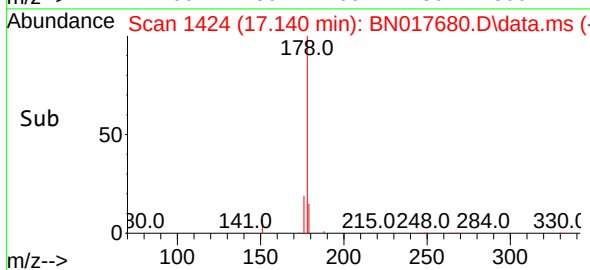
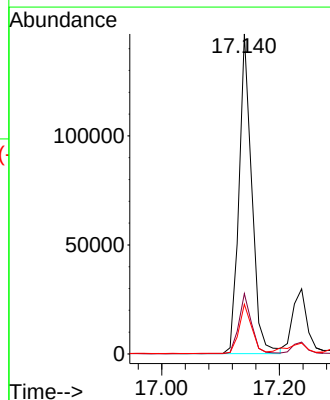
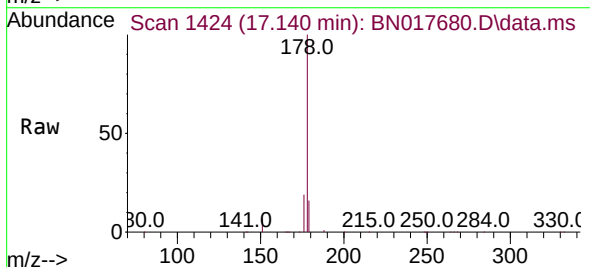
Instrument :
 BNA_N
 ClientSampleId :

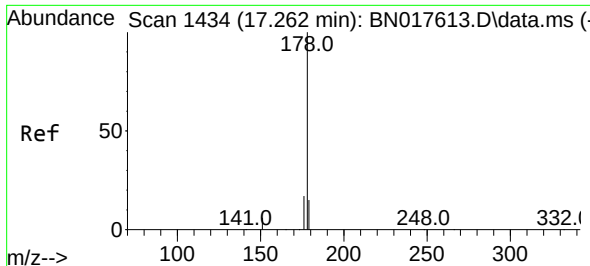
Tgt Ion:266 Resp: 99
 Ion Ratio Lower Upper
 266 100
 264 45.5 49.8 74.8#
 268 37.4 51.3 76.9#



#25
 Phenanthrene
 Concen: 0.660 ng
 RT: 17.140 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

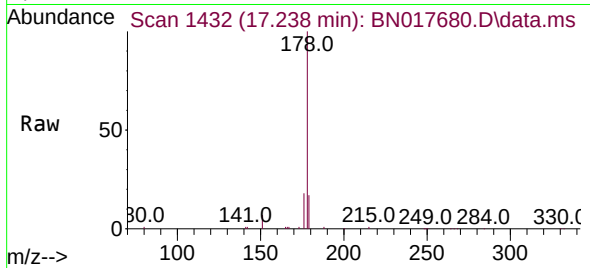
Tgt Ion:178 Resp: 219931
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.6
 179 15.3 12.3 18.5



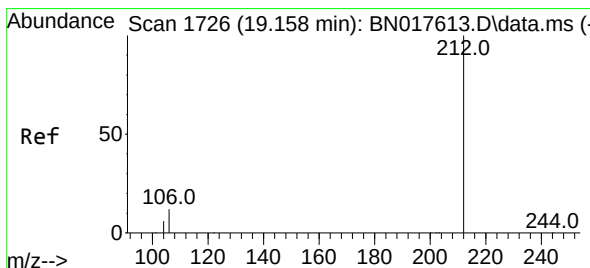
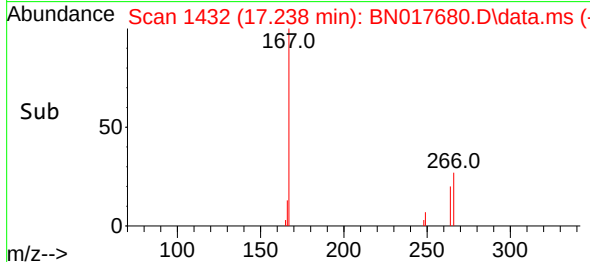
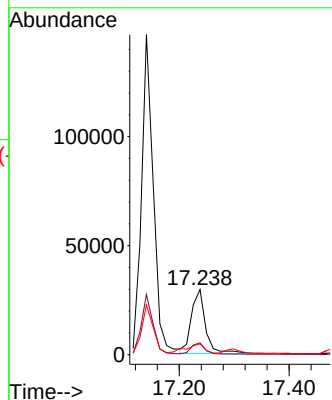


#26
 Anthracene
 Concen: 0.184 ng
 RT: 17.238 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :
 BNA_N
 ClientSampleId :

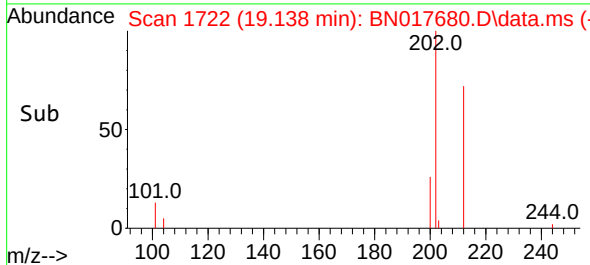
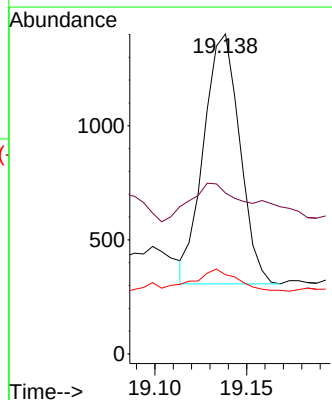
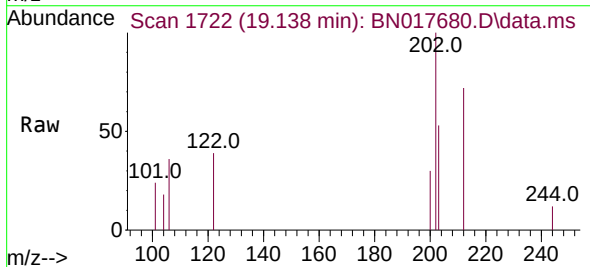


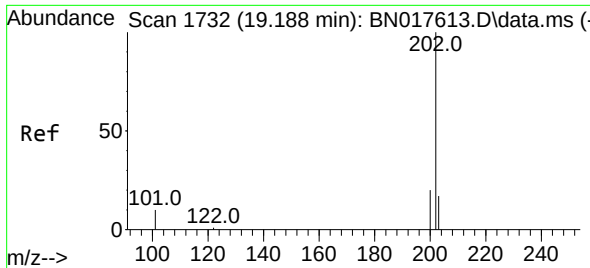
Tgt Ion:178 Resp: 52746
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.6 22.0
 179 18.0 12.2 18.4



#27
 Fluoranthene-d10
 Concen: 0.004 ng
 RT: 19.138 min Scan# 1722
 Delta R.T. 0.005 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Tgt Ion:212 Resp: 1492
 Ion Ratio Lower Upper
 212 100
 106 28.1 10.5 15.7#
 104 11.1 5.8 8.6#

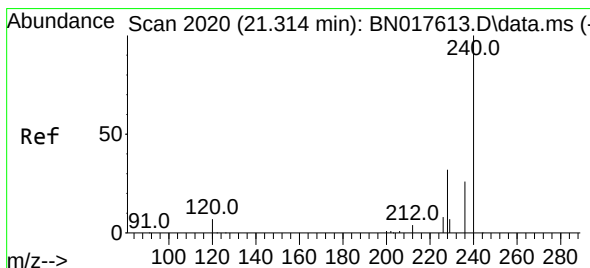
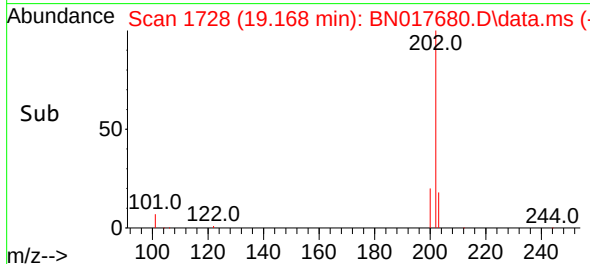
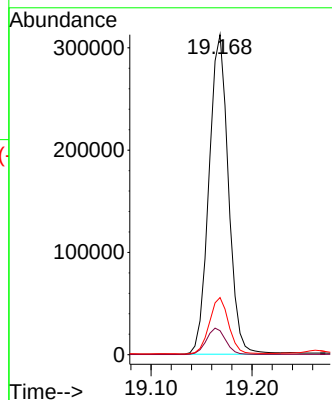
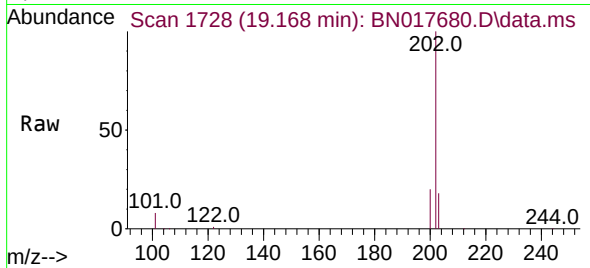




#28
Fluoranthene
Concen: 1.110 ng
RT: 19.168 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

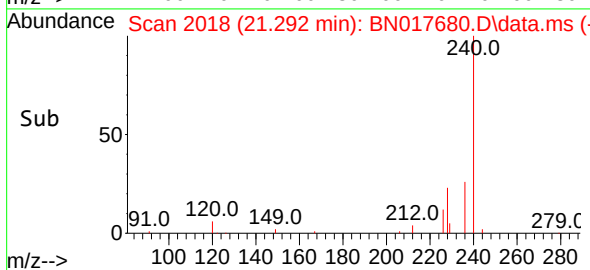
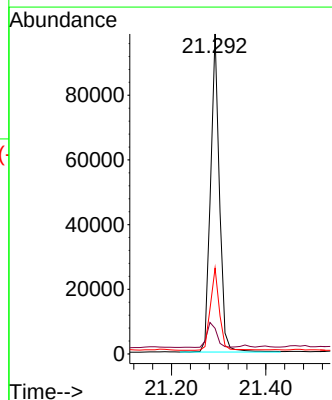
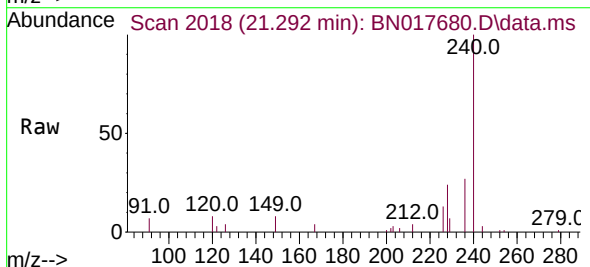
Instrument :
BNA_N
ClientSampleId :

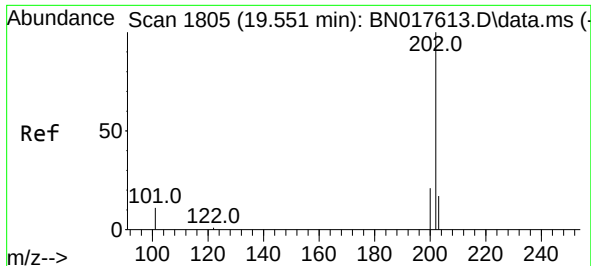
Tgt Ion:202 Resp: 418613
Ion Ratio Lower Upper
202 100
101 8.2 8.9 13.3#
203 17.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 2018
Delta R.T. 0.010 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Tgt Ion:240 Resp: 128835
Ion Ratio Lower Upper
240 100
120 8.0 4.2 6.2#
236 26.9 20.0 30.0

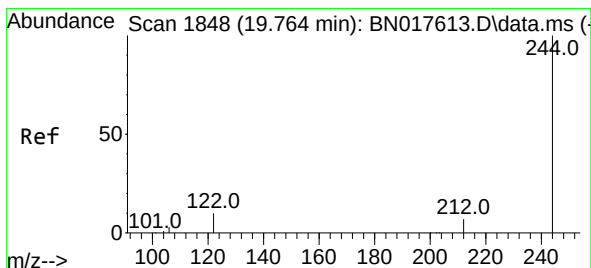
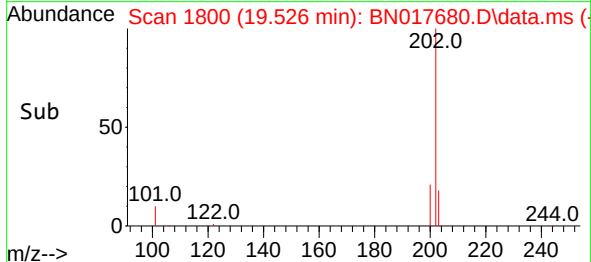
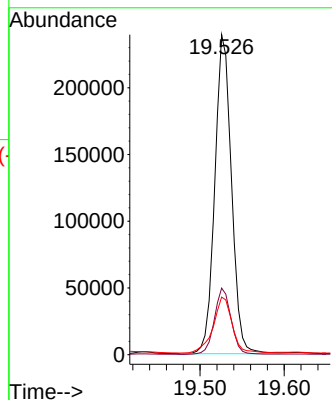
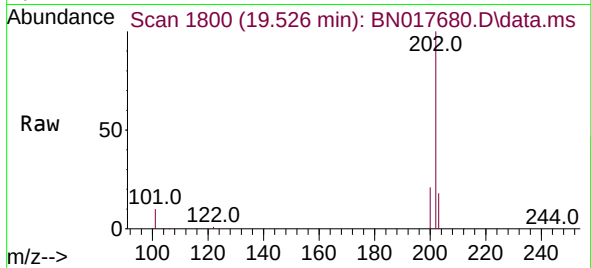




#30
 Pyrene
 Concen: 0.790 ng
 RT: 19.526 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

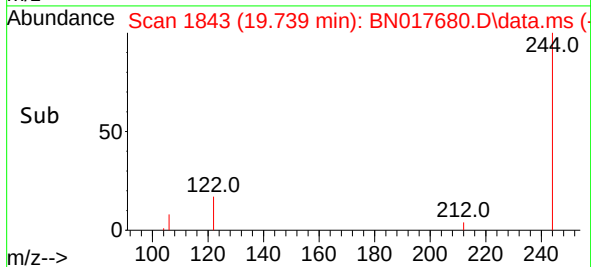
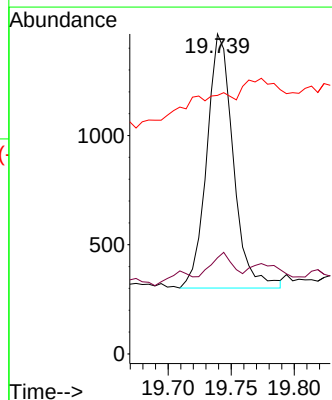
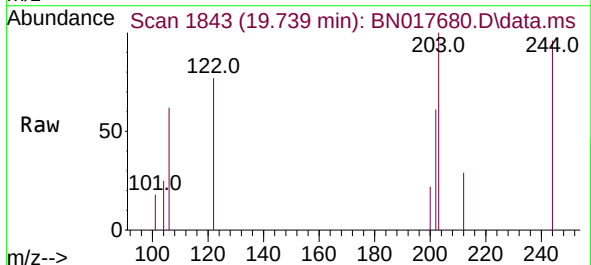
Instrument :
 BNA_N
 ClientSampleId :

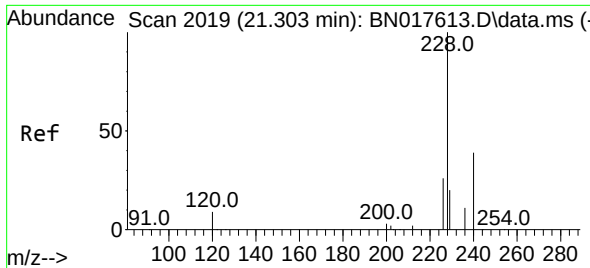
Tgt Ion:202 Resp: 328391
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.5 24.7
 203 19.9 14.0 21.0



#31
 Terphenyl-d14
 Concen: 0.006 ng
 RT: 19.739 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Tgt Ion:244 Resp: 1696
 Ion Ratio Lower Upper
 244 100
 212 30.0 5.7 8.5#
 122 80.8 8.6 13.0#

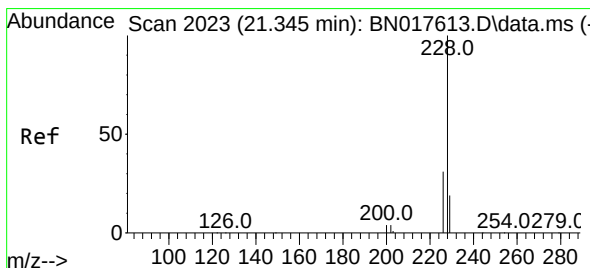
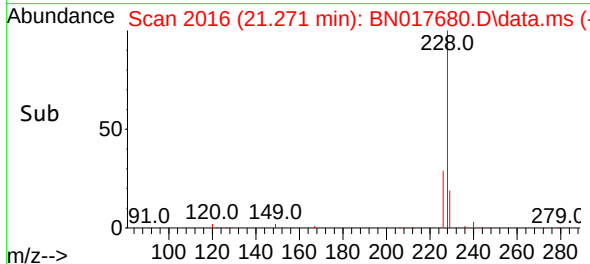
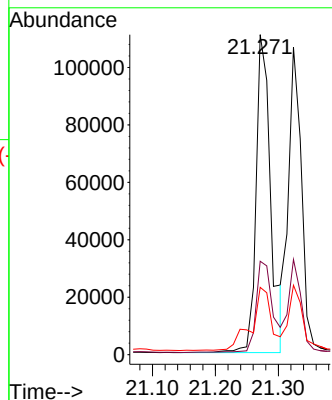
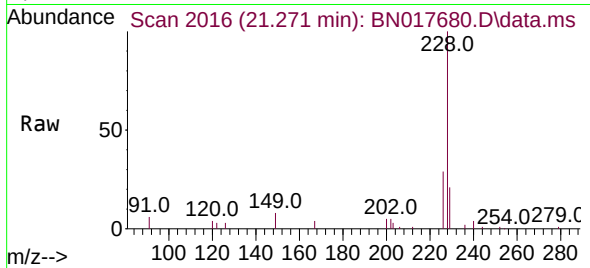




#32
Benzo(a)anthracene
Concen: 0.457 ng
RT: 21.271 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

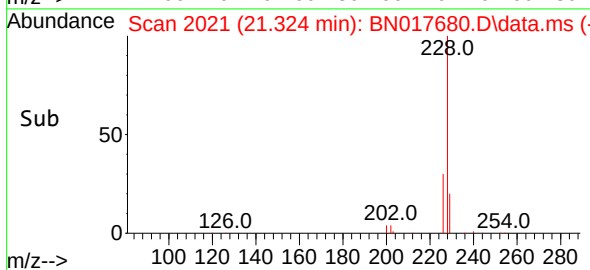
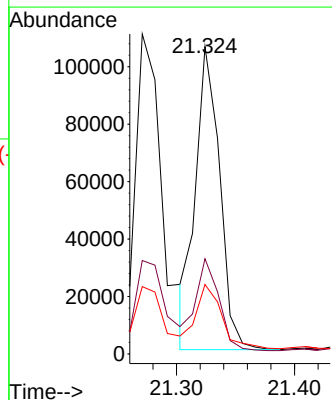
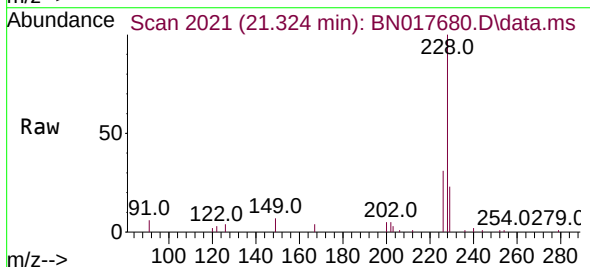
Instrument :
BNA_N
ClientSampleId :

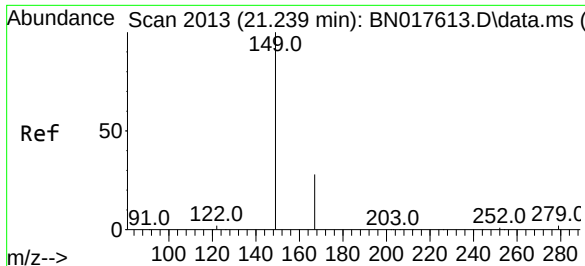
Tgt Ion:228 Resp: 178660
Ion Ratio Lower Upper
228 100
226 29.2 21.3 31.9
229 21.1 15.7 23.5



#33
Chrysene
Concen: 0.351 ng
RT: 21.324 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

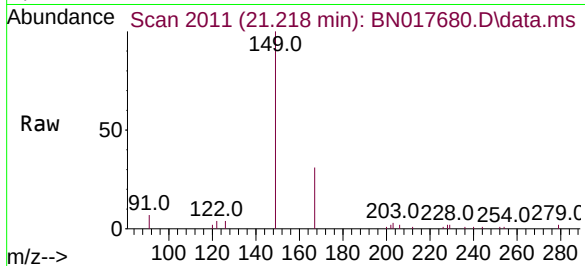
Tgt Ion:228 Resp: 149566
Ion Ratio Lower Upper
228 100
226 31.0 23.3 34.9
229 22.6 15.6 23.4



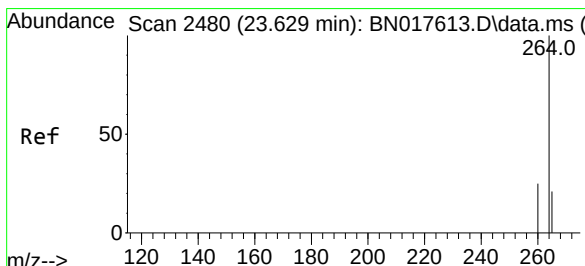
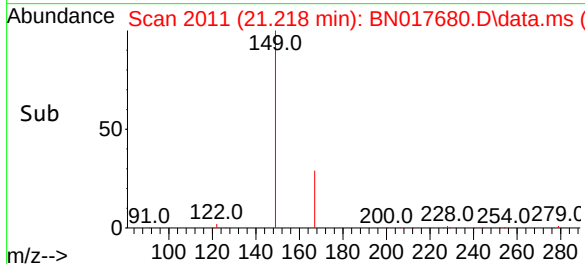
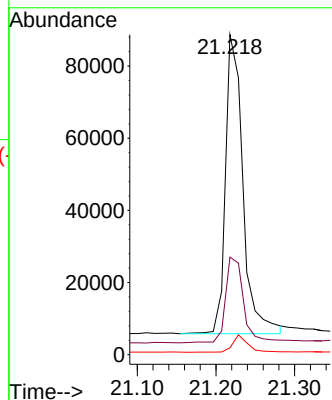


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.368 ng
 RT: 21.218 min Scan# 2011
 Delta R.T. -0.000 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :
 BNA_N
 ClientSampleId :

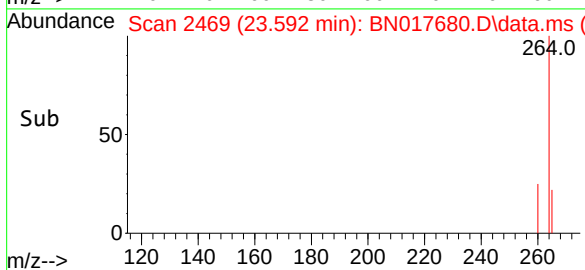
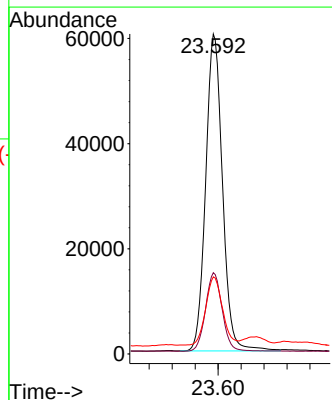
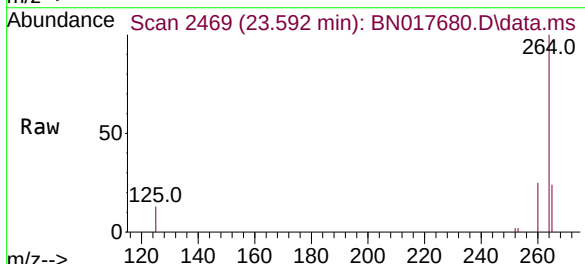


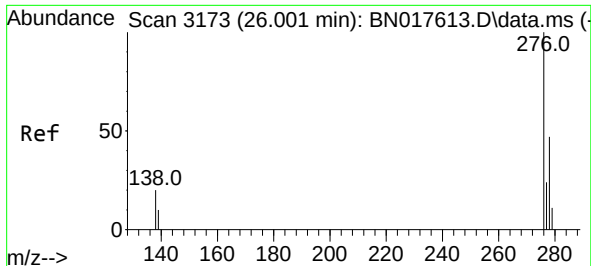
Tgt Ion:149 Resp: 127019
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.8 32.6
 279 5.1 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2469
 Delta R.T. 0.010 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

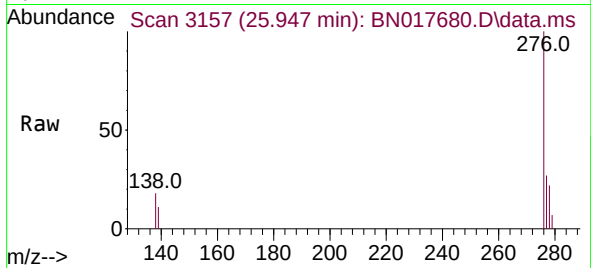
Tgt Ion:264 Resp: 122541
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 24.1 18.6 28.0



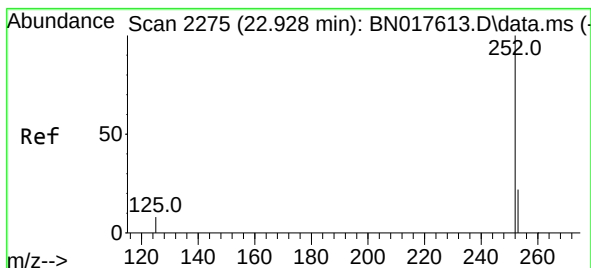
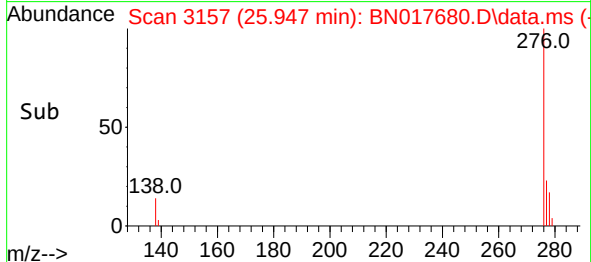
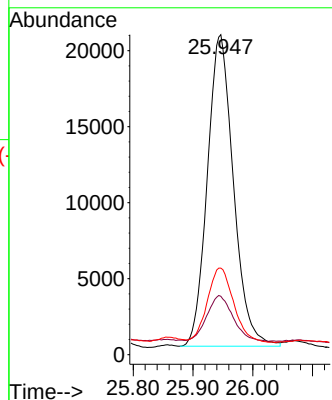


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.156 ng
 RT: 25.947 min Scan# 3173
 Delta R.T. 0.007 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :
 BNA_N
 ClientSampleId :

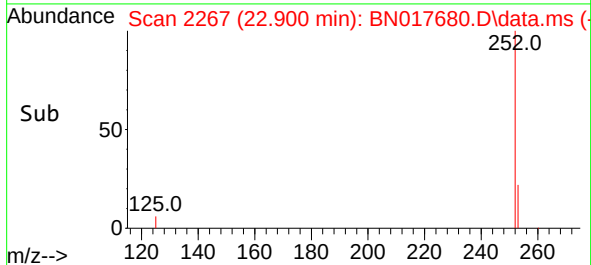
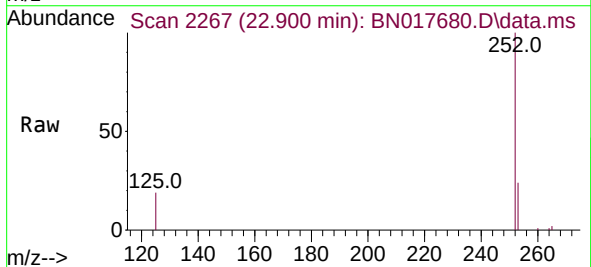
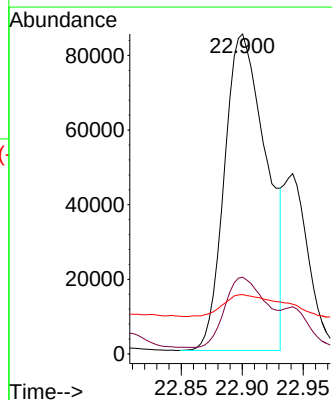


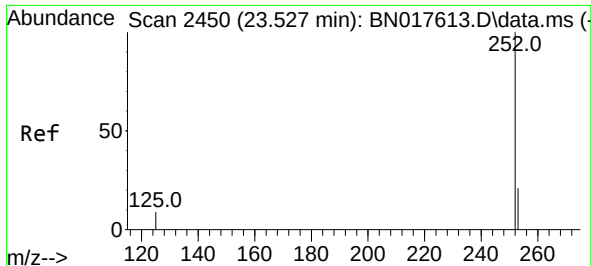
Tgt Ion:276 Resp: 62175
 Ion Ratio Lower Upper
 276 100
 138 14.8 19.7 29.5#
 277 24.2 20.0 30.0



#37
 Benzo(b)fluoranthene
 Concen: 0.499 ng
 RT: 22.900 min Scan# 2267
 Delta R.T. 0.013 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

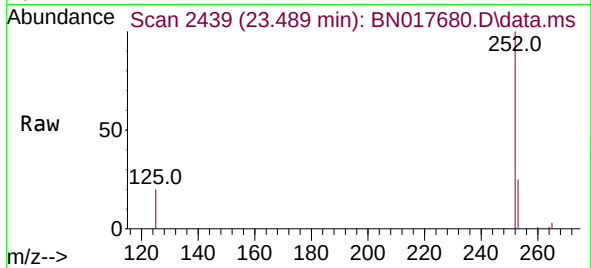
Tgt Ion:252 Resp: 202782
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.7 26.5
 125 18.6 7.8 11.8#



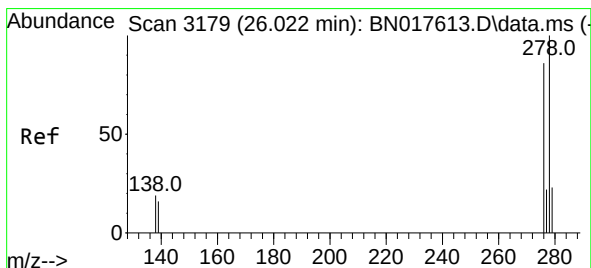
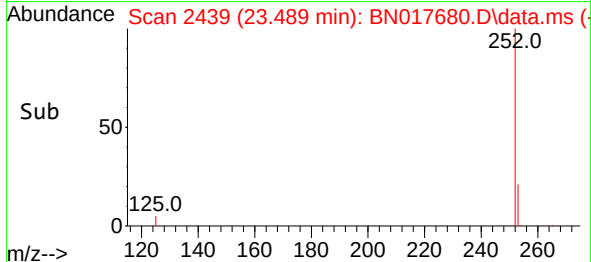
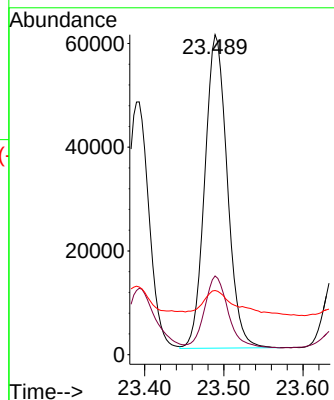


#39
Benzo(a)pyrene
Concen: 0.328 ng
RT: 23.489 min Scan# 2450
Delta R.T. 0.010 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

Instrument :
BNA_N
ClientSampleId :

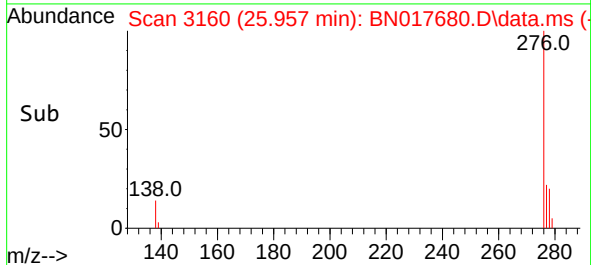
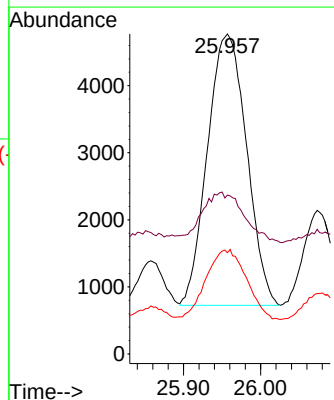
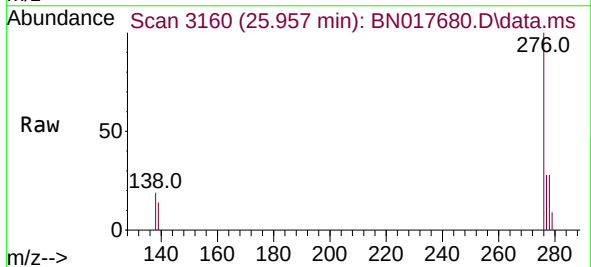


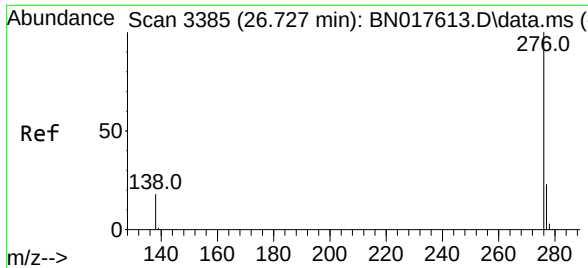
Tgt Ion:252 Resp: 119281
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 20.0 9.2 13.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.044 ng
RT: 25.957 min Scan# 3160
Delta R.T. 0.003 min
Lab File: BN017680.D
Acq: 02 Dec 2021 10:39

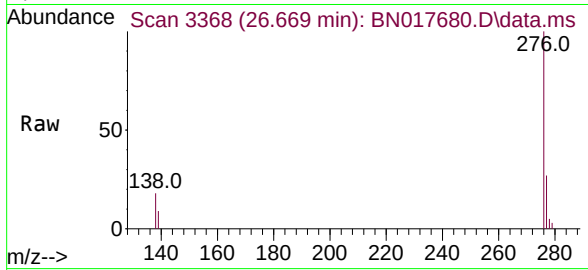
Tgt Ion:278 Resp: 14293
Ion Ratio Lower Upper
278 100
139 49.7 13.0 19.6#
279 31.6 19.2 28.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.163 ng
 RT: 26.669 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: BN017680.D
 Acq: 02 Dec 2021 10:39

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 54690
 Ion Ratio Lower Upper
 276 100
 277 26.9 19.0 28.4
 138 18.2 17.1 25.7

