

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017668.D
 Acq On : 02 Dec 2021 03:27
 Operator : CG/JU
 Sample : M4895-09 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-9

Quant Time: Dec 02 03:59:39 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

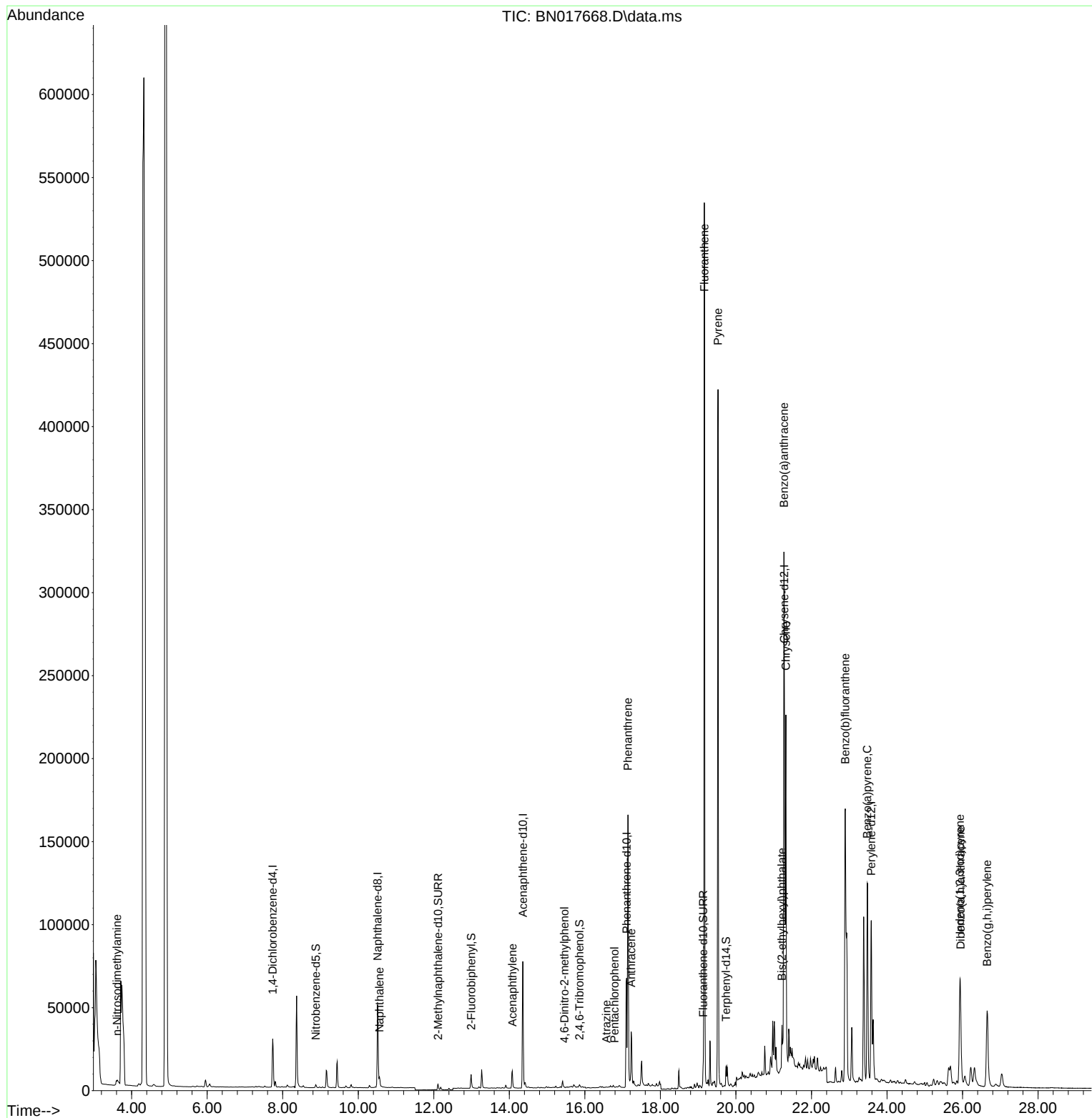
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	18513	0.400	ng	0.00
7) Naphthalene-d8	10.510	136	78227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	48194	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	110650	0.400	ng	# 0.00
29) Chrysene-d12	21.282	240	125385	0.400	ng	# 0.00
35) Perylene-d12	23.582	264	131873	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	13	0.000	ng	0.00
5) Phenol-d6	6.916	99	115	0.003	ng	0.00
8) Nitrobenzene-d5	8.875	82	1887	0.057	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	5868	0.043	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	4	0.125	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	8597	0.046	ng	0.00
27) Fluoranthene-d10	19.134	212	17160	0.050	ng	0.00
31) Terphenyl-d14	19.740	244	13526	0.049	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.615	42	2200	0.127	ng	# 1
9) Naphthalene	10.560	128	6844	0.035	ng	96
16) Acenaphthylene	14.080	152	14537	0.077	ng	99
20) 4,6-Dinitro-2-methylph...	15.463	198	15	0.059	ng	# 1
23) Atrazine	16.569	200	52	0.132	ng	# 12
24) Pentachlorophenol	16.788	266	42	0.194	ng	# 56
25) Phenanthrene	17.141	178	173781	0.573	ng	100
26) Anthracene	17.226	178	44080	0.169	ng	98
28) Fluoranthene	19.164	202	475968	1.386	ng	# 97
30) Pyrene	19.526	202	384629	0.950	ng	98
32) Benzo(a)anthracene	21.271	228	238250	0.626	ng	96
33) Chrysene	21.325	228	202609	0.489	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	25798	0.286	ng	97
36) Indeno(1,2,3-cd)pyrene	25.933	276	119968	0.280	ng	# 90
37) Benzo(b)fluoranthene	22.894	252	286705	0.656	ng	98
39) Benzo(a)pyrene	23.479	252	182033	0.465	ng	97
40) Dibenzo(a,h)anthracene	25.947	278	25576	0.073	ng	94
41) Benzo(g,h,i)perylene	26.652	276	109403	0.304	ng	# 94

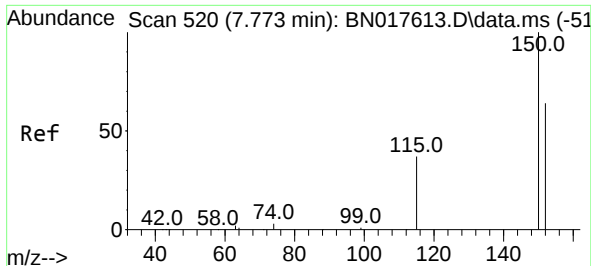
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017668.D
Acq On : 02 Dec 2021 03:27
Operator : CG/JU
Sample : M4895-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLAB-9

Quant Time: Dec 02 03:59:39 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

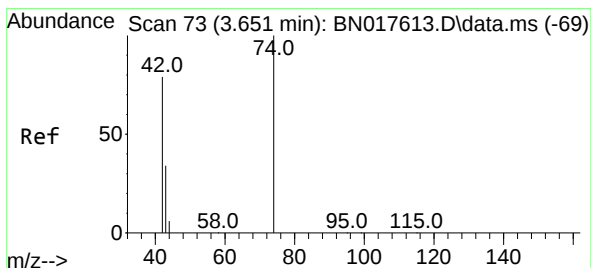
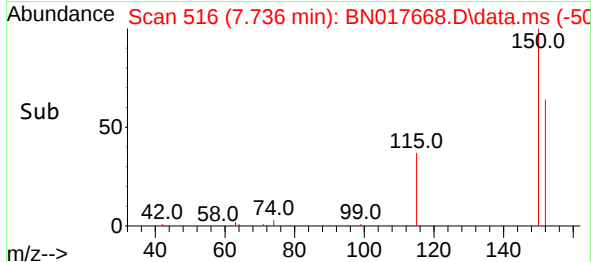
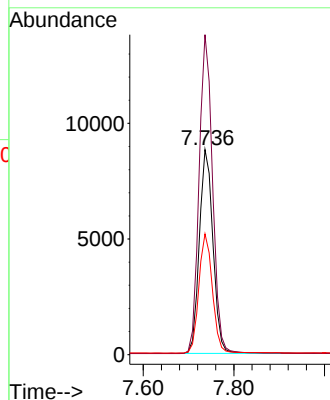
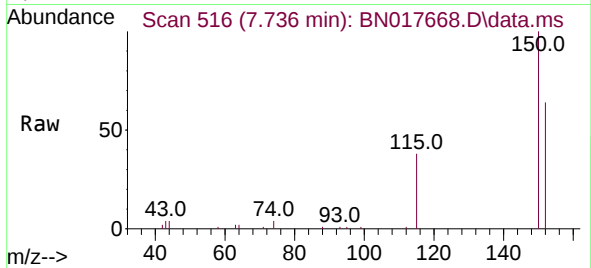




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.736 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

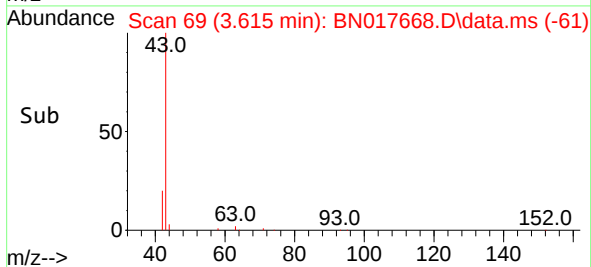
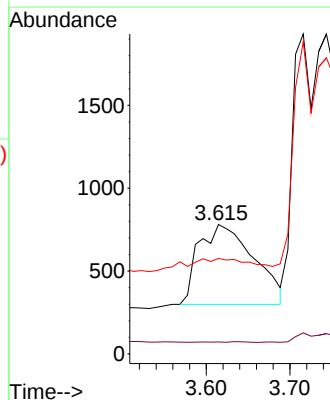
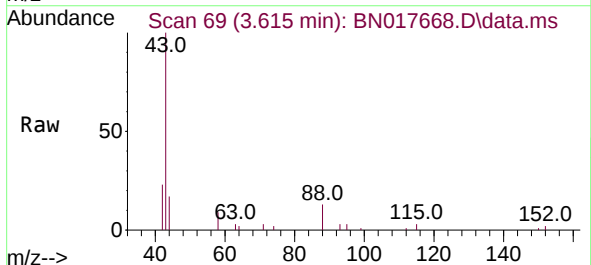
Instrument :
BNA_N
ClientSampleId :
SLAB-9

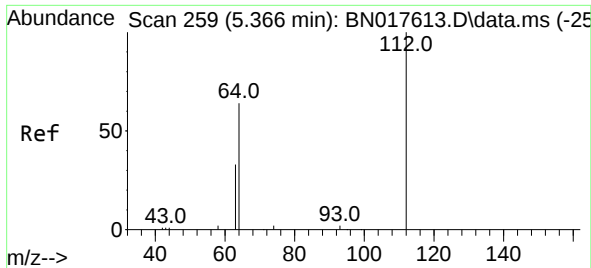
Tgt Ion:152 Resp: 18513
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.4
115 58.9 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.127 ng
RT: 3.615 min Scan# 69
Delta R.T. -0.027 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion: 42 Resp: 2200
Ion Ratio Lower Upper
42 100
74 0.3 97.8 146.6#
44 9.4 5.5 8.3#

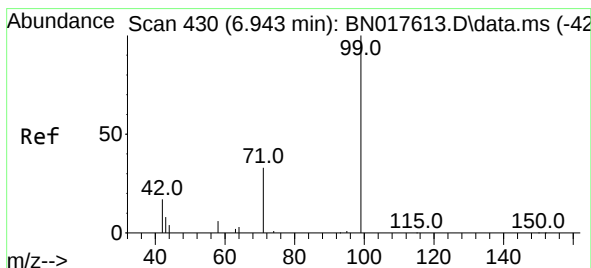
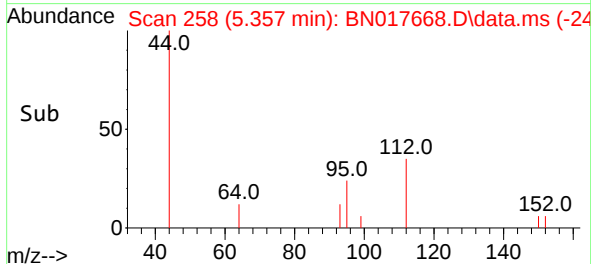
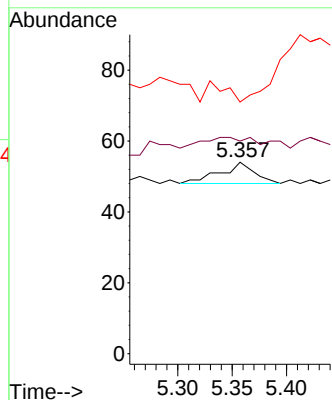
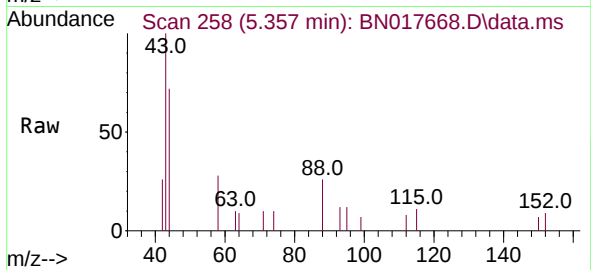




#4
2-Fluorophenol
Concen: 0.000 ng
RT: 5.357 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

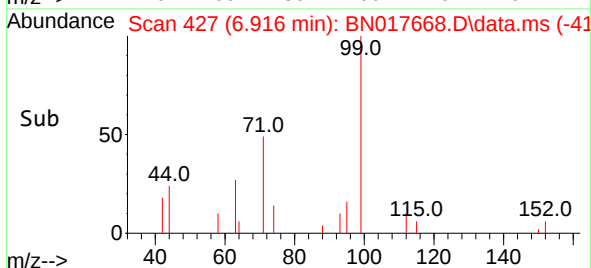
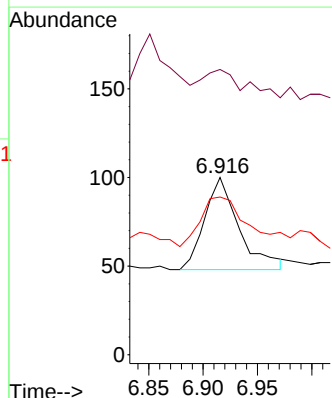
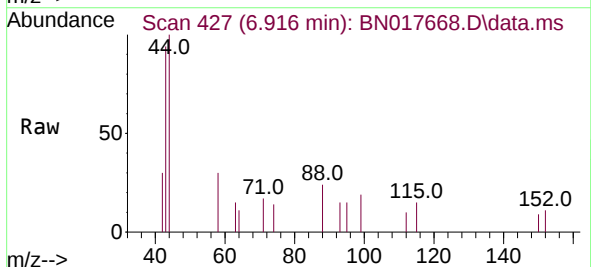
Instrument :
BNA_N
ClientSampleId :
SLAB-9

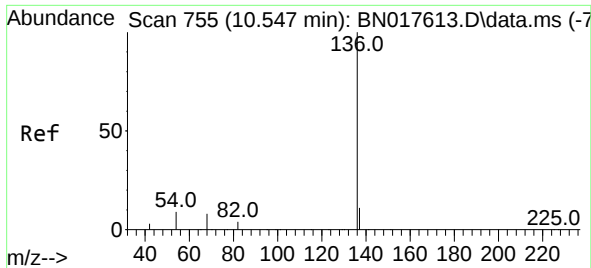
Tgt Ion:112 Resp: 13
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.003 ng
RT: 6.916 min Scan# 427
Delta R.T. 0.009 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion: 99 Resp: 115
Ion Ratio Lower Upper
99 100
42 35.7 17.0 25.6#
71 68.7 24.8 37.2#

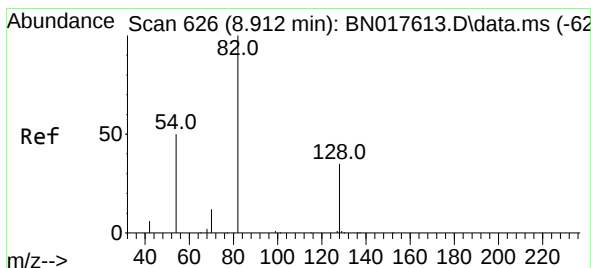
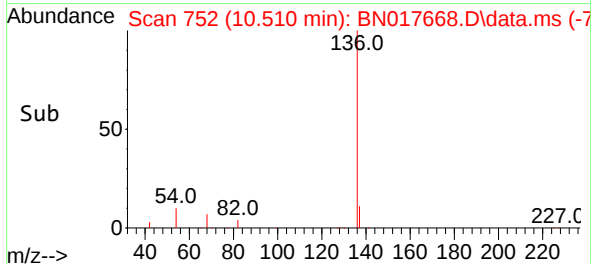
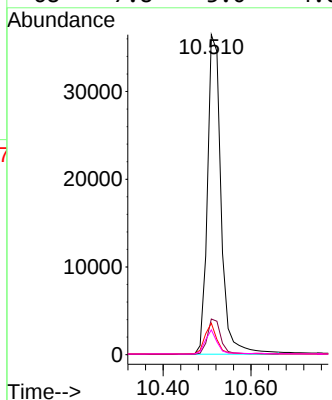
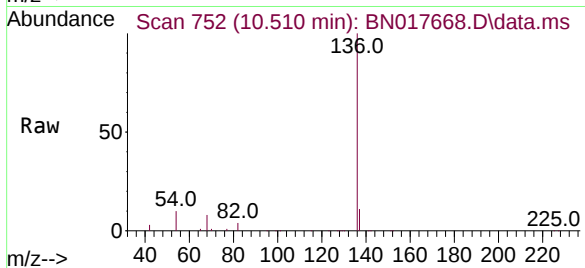




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

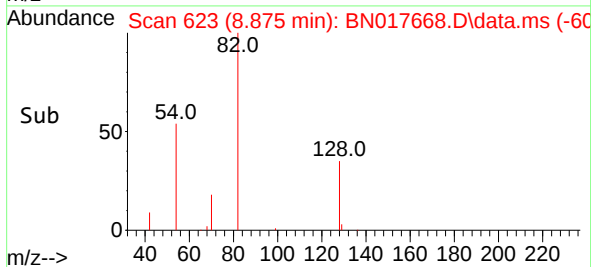
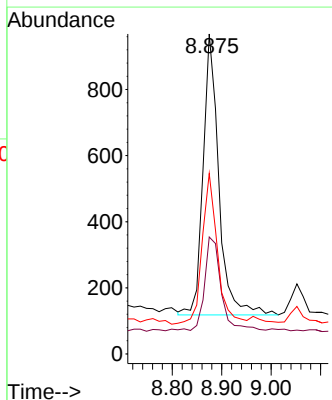
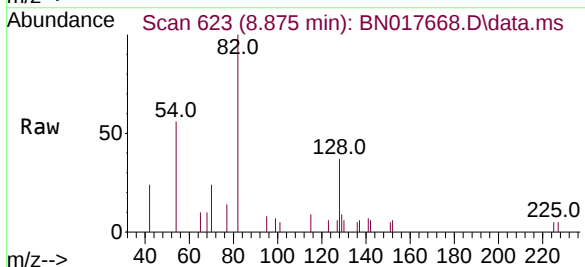
Instrument :
BNA_N
ClientSampleId :
SLAB-9

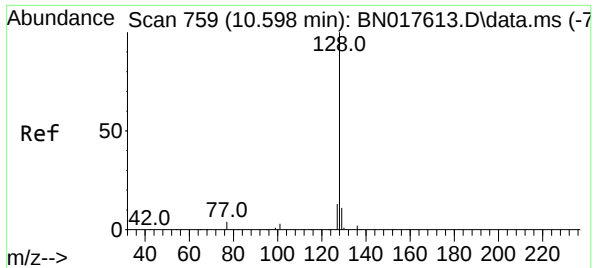
Tgt Ion:136 Resp: 78227
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.9 4.0 6.0#
68 7.8 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.057 ng
RT: 8.875 min Scan# 623
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion: 82 Resp: 1887
Ion Ratio Lower Upper
82 100
128 36.6 27.7 41.5
54 56.4 49.2 73.8

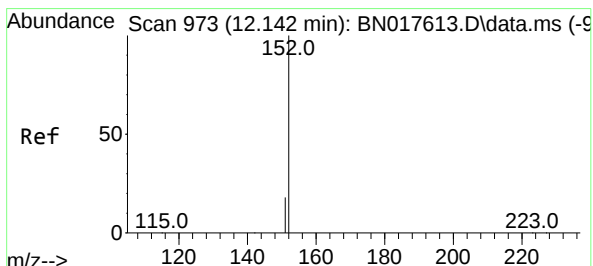
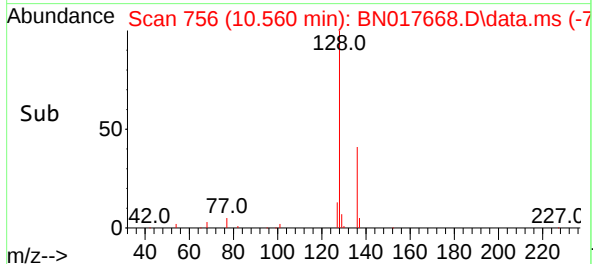
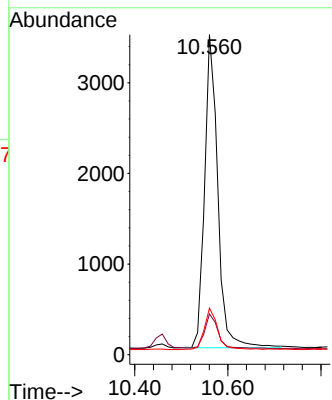
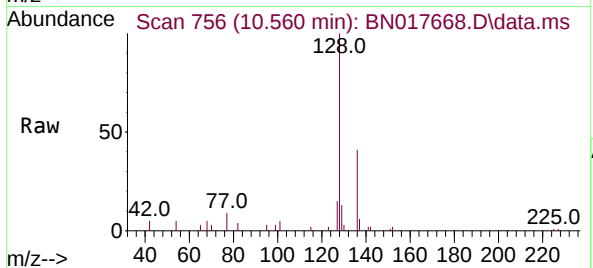




#9
Naphthalene
Concen: 0.035 ng
RT: 10.560 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

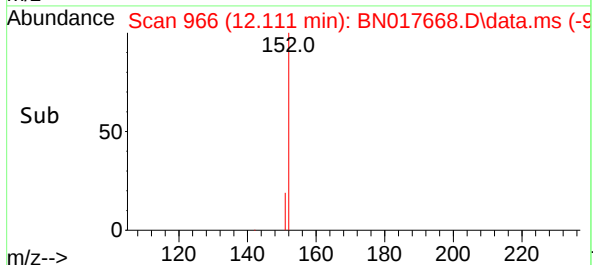
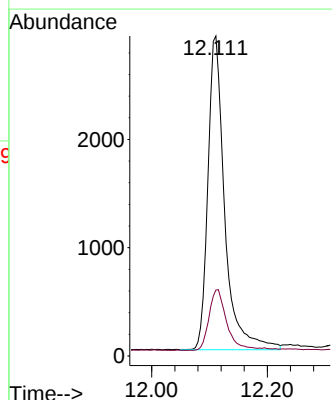
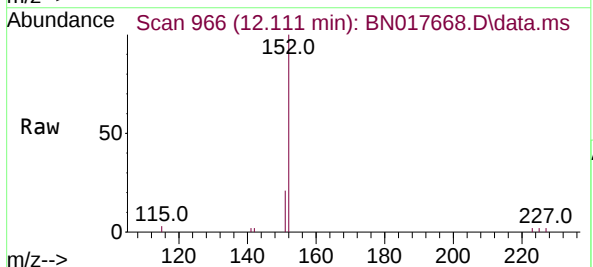
Instrument :
BNA_N
ClientSampleId :
SLAB-9

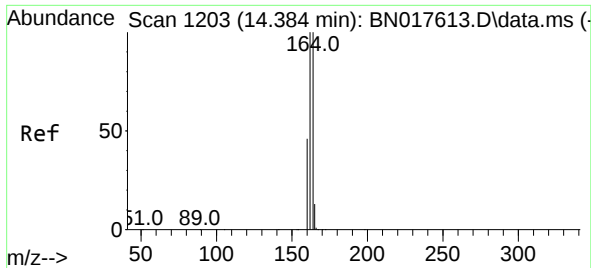
Tgt Ion:128 Resp: 6844
Ion Ratio Lower Upper
128 100
129 12.8 8.8 13.2
127 14.6 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.043 ng
RT: 12.111 min Scan# 966
Delta R.T. 0.005 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:152 Resp: 5868
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4

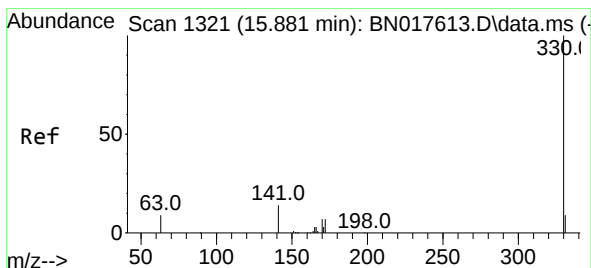
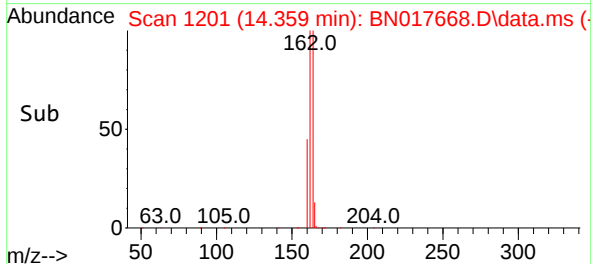
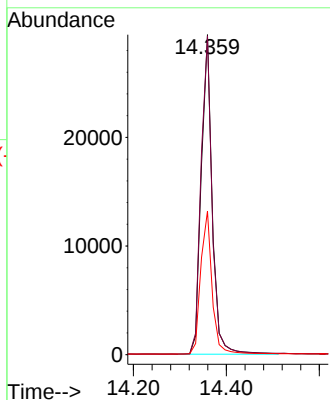
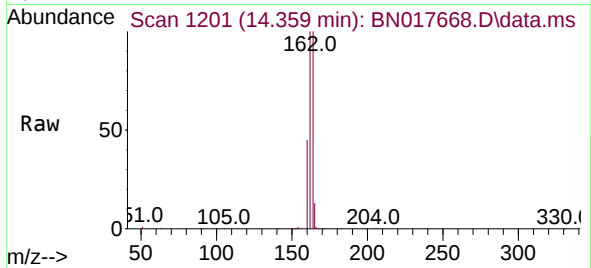




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

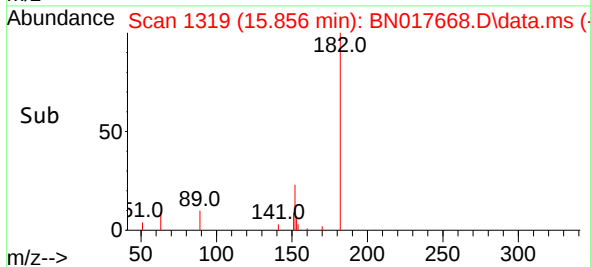
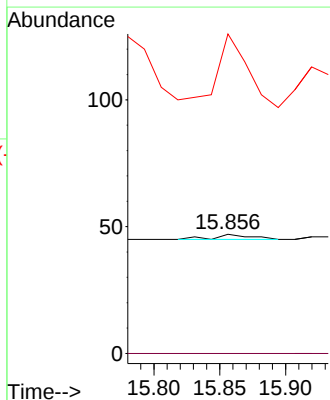
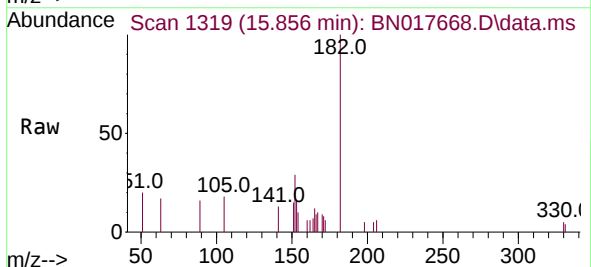
Instrument :
BNA_N
ClientSampleId :
SLAB-9

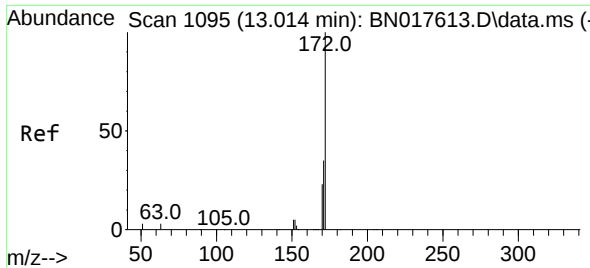
Tgt Ion:164 Resp: 48194
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.2
160 44.8 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.125 ng
RT: 15.856 min Scan# 1319
Delta R.T. 0.013 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:330 Resp: 4
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1150.0 28.9 43.3#

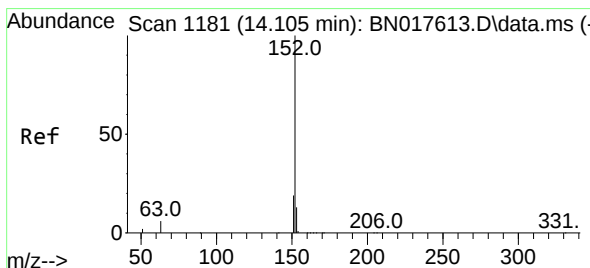
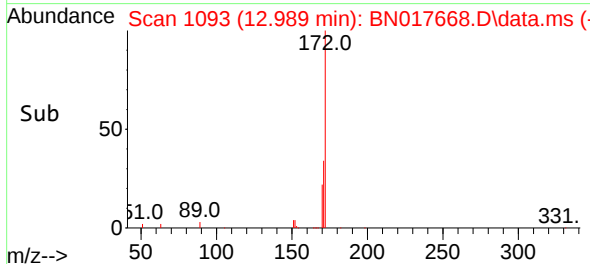
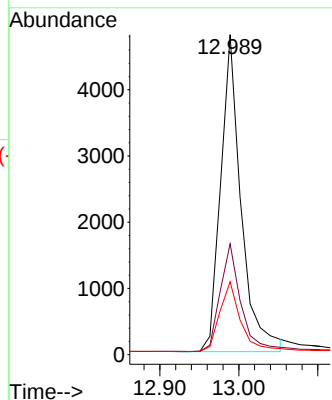
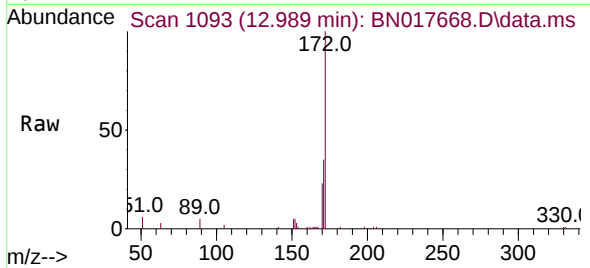




#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 12.989 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

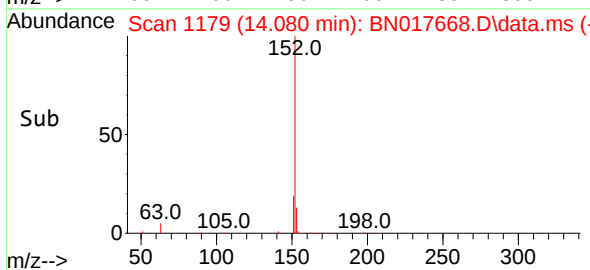
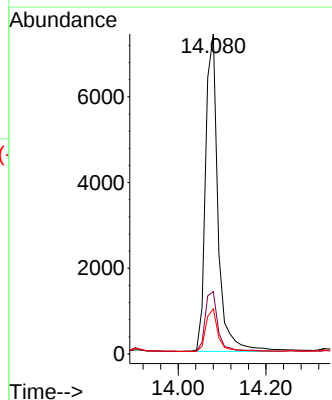
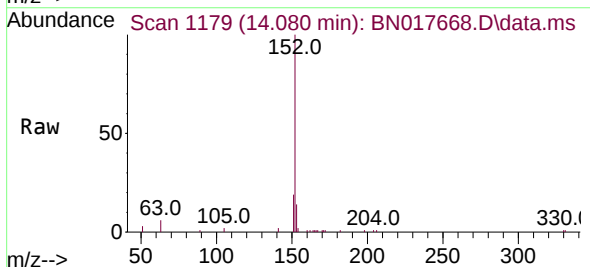
Instrument :
BNA_N
ClientSampleId :
SLAB-9

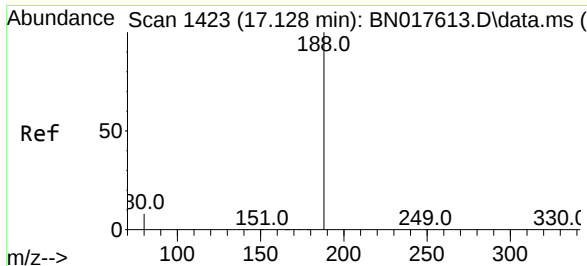
Tgt Ion:172 Resp: 8597
Ion Ratio Lower Upper
172 100
171 34.6 28.7 43.1
170 22.8 19.4 29.2



#16
Acenaphthylene
Concen: 0.077 ng
RT: 14.080 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:152 Resp: 14537
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 13.3 10.4 15.6

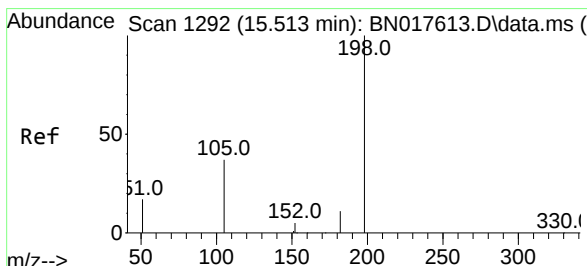
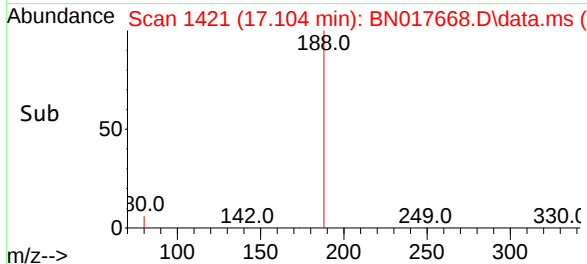
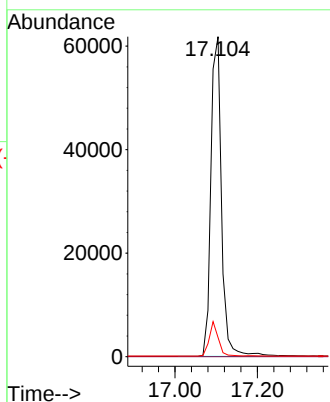
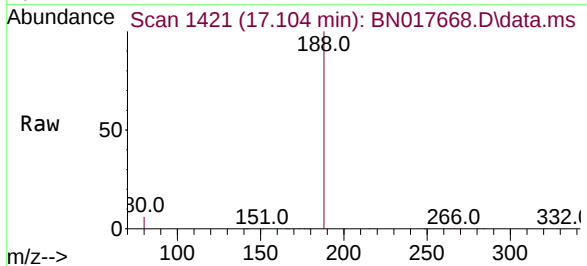




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

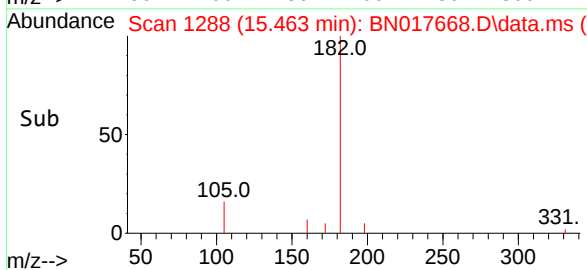
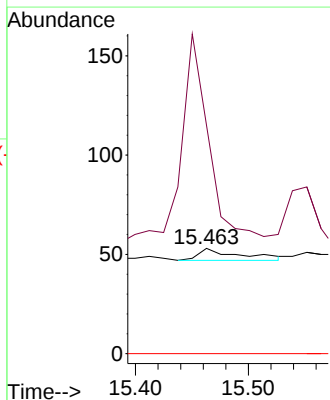
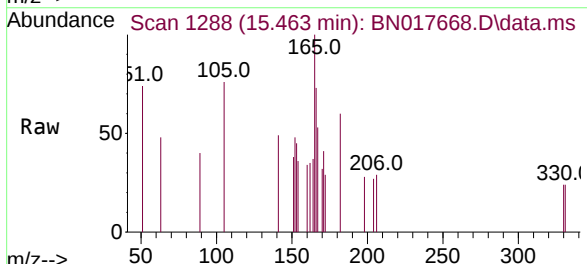
Instrument :
BNA_N
ClientSampleId :
SLAB-9

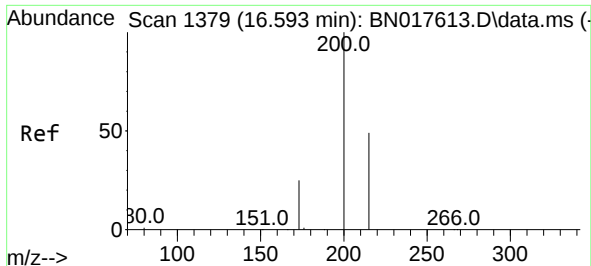
Tgt Ion:188 Resp: 110650
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.059 ng
RT: 15.463 min Scan# 1288
Delta R.T. -0.025 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 217.0 11.4 17.2#
77 0.0 0.0 0.0

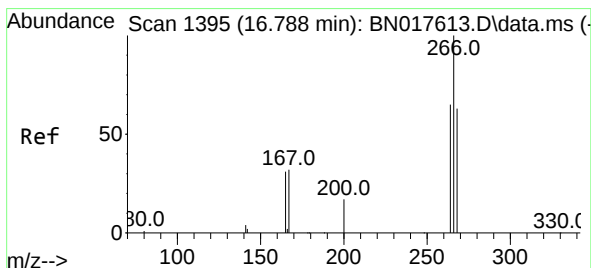
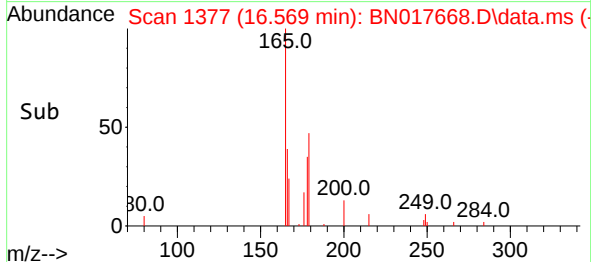
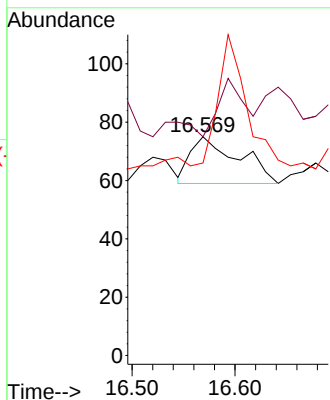
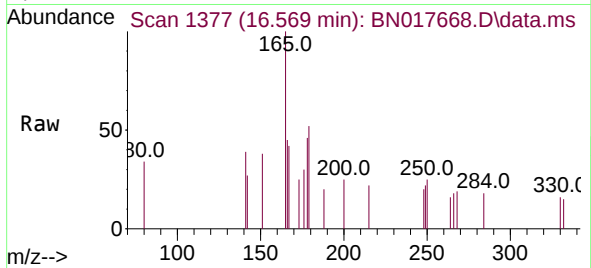




#23
 Atrazine
 Concen: 0.132 ng
 RT: 16.569 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

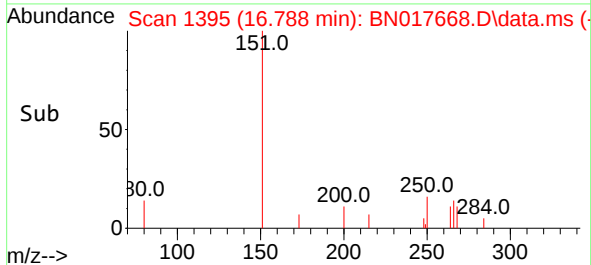
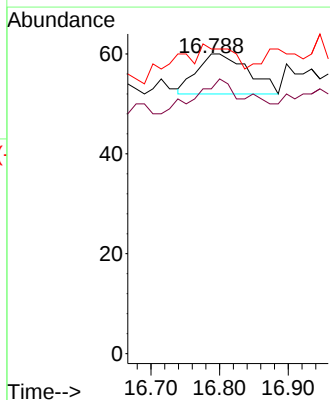
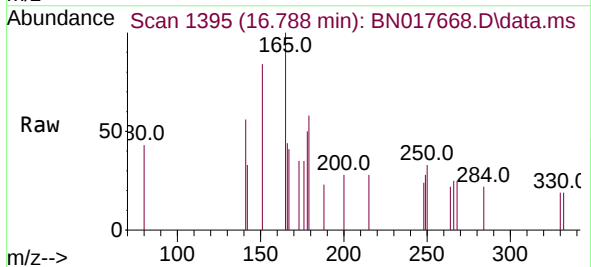
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-9

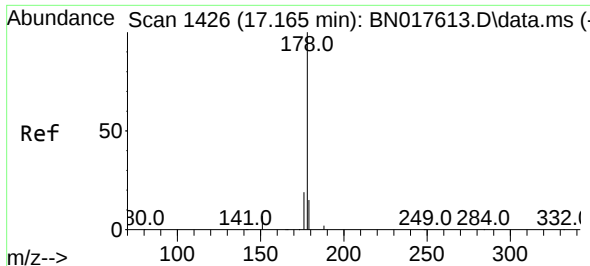
Tgt Ion:200 Resp: 52
 Ion Ratio Lower Upper
 200 100
 173 100.0 17.6 26.4#
 215 88.0 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.194 ng
 RT: 16.788 min Scan# 1395
 Delta R.T. 0.025 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

Tgt Ion:266 Resp: 42
 Ion Ratio Lower Upper
 266 100
 264 66.7 49.8 74.8
 268 0.0 51.3 76.9#

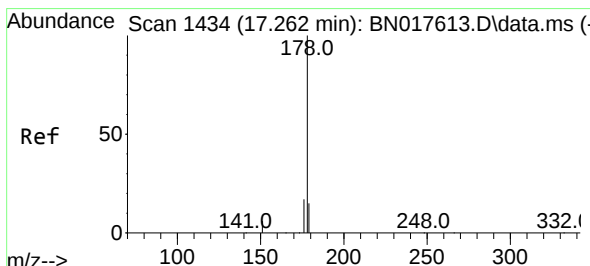
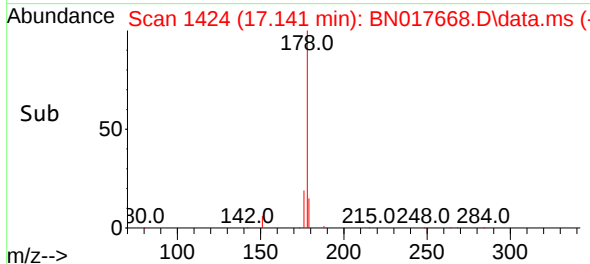
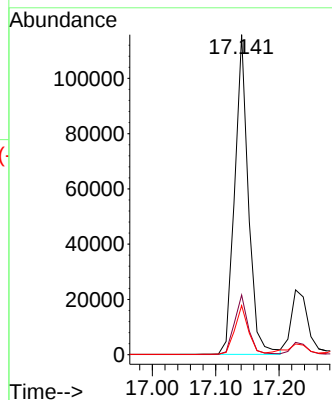
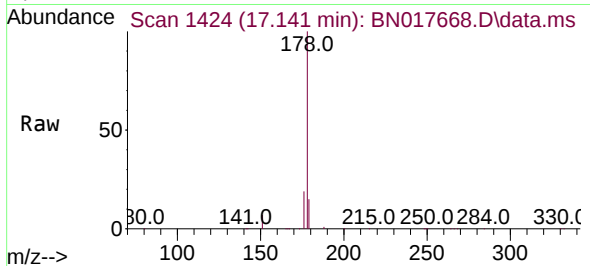




#25
Phenanthrene
Concen: 0.573 ng
RT: 17.141 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

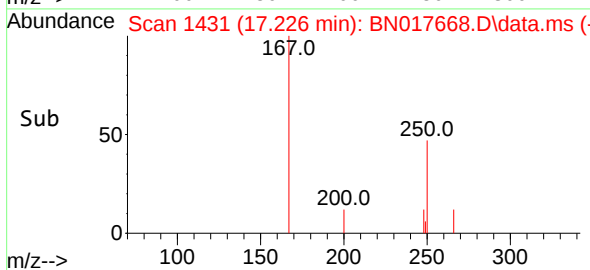
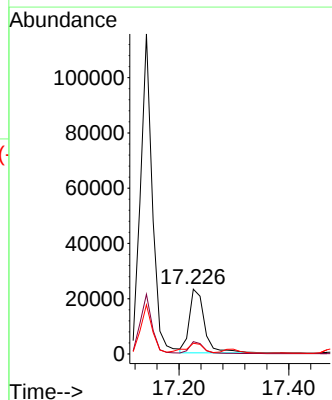
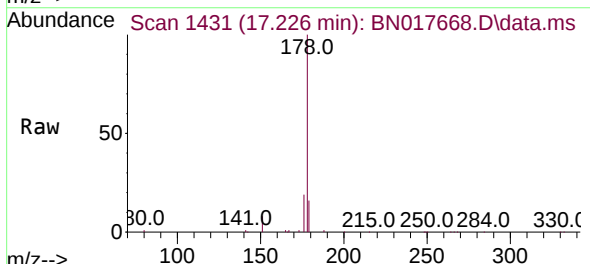
Instrument :
BNA_N
ClientSampleId :
SLAB-9

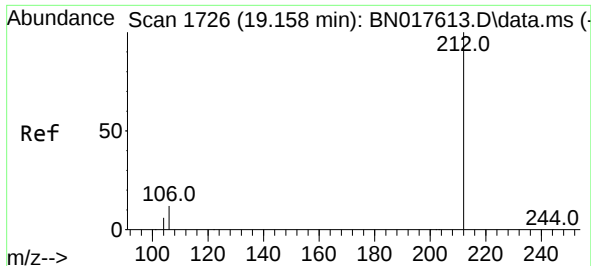
Tgt Ion:178 Resp: 173781
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.3 18.5



#26
Anthracene
Concen: 0.169 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:178 Resp: 44080
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 16.2 12.2 18.4

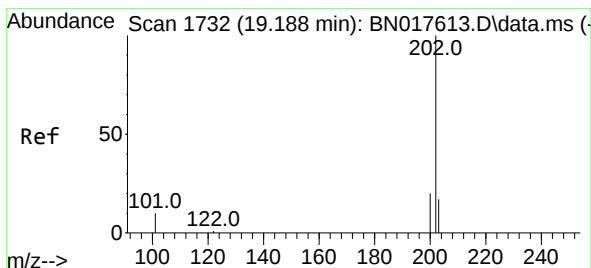
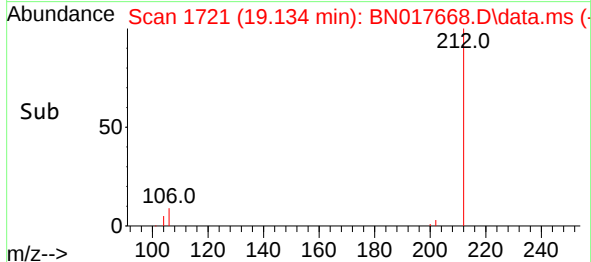
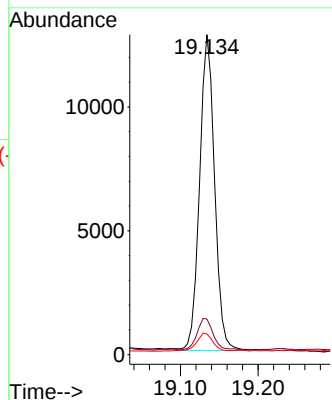
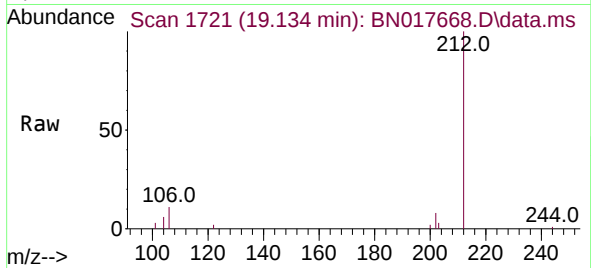




#27
Fluoranthene-d10
Concen: 0.050 ng
RT: 19.134 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

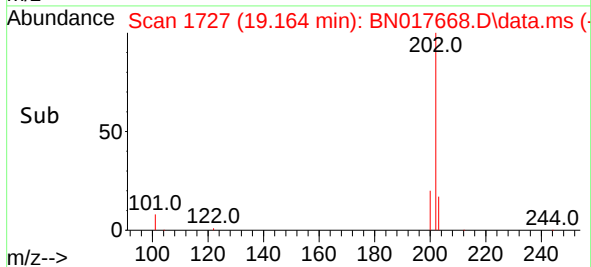
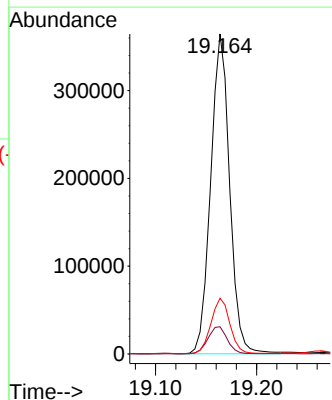
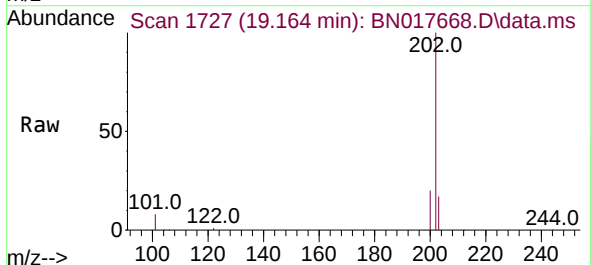
Instrument :
BNA_N
ClientSampleId :
SLAB-9

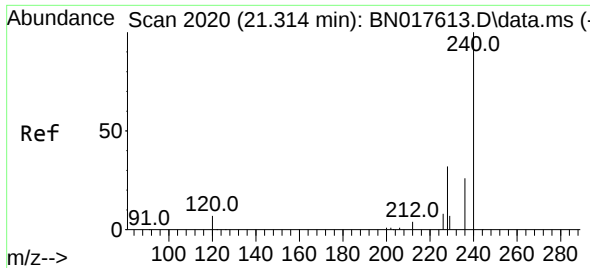
Tgt Ion:212 Resp: 17160
Ion Ratio Lower Upper
212 100
106 10.6 10.5 15.7
104 6.3 5.8 8.6



#28
Fluoranthene
Concen: 1.386 ng
RT: 19.164 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:202 Resp: 475968
Ion Ratio Lower Upper
202 100
101 8.7 8.9 13.3#
203 17.4 13.8 20.6

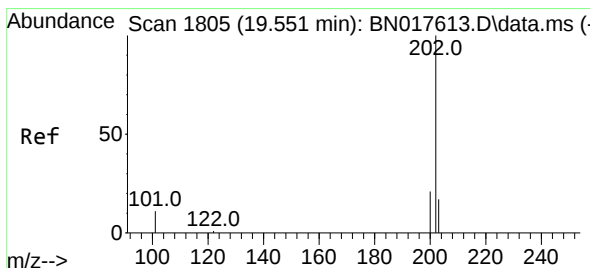
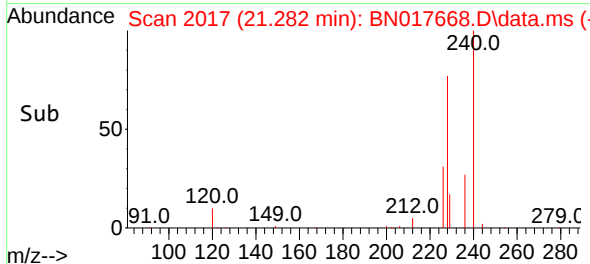
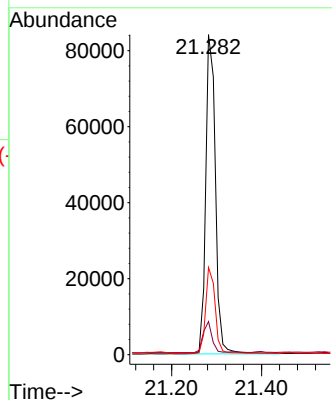
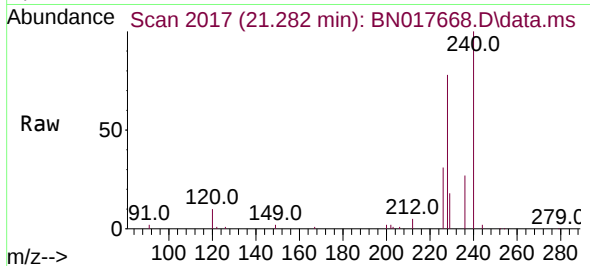




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

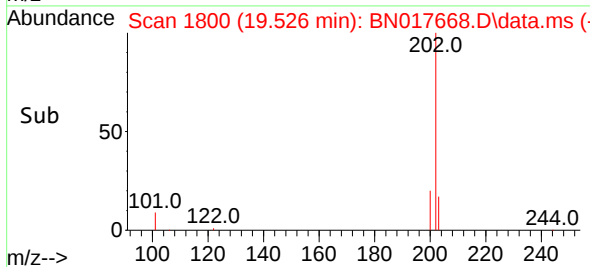
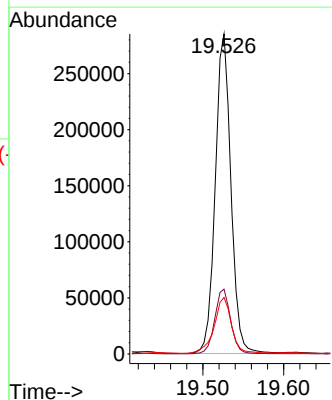
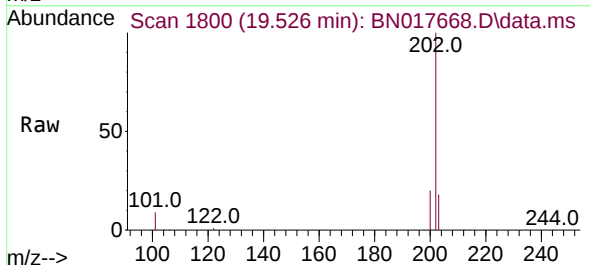
Instrument :
BNA_N
ClientSampleId :
SLAB-9

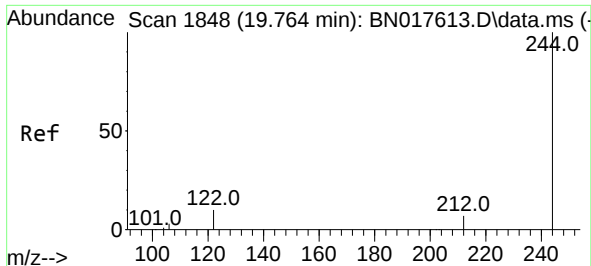
Tgt Ion:240 Resp: 125385
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 27.2 20.0 30.0



#30
Pyrene
Concen: 0.950 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:202 Resp: 384629
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 19.3 14.0 21.0

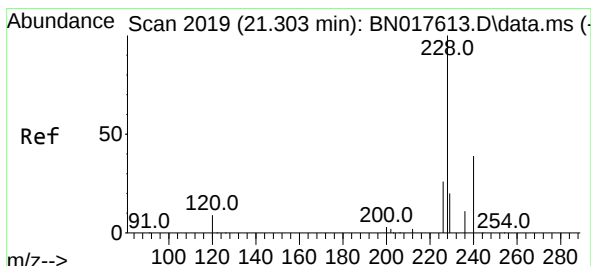
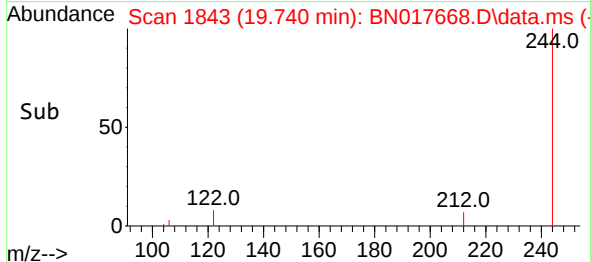
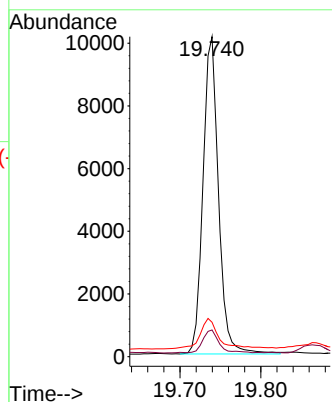
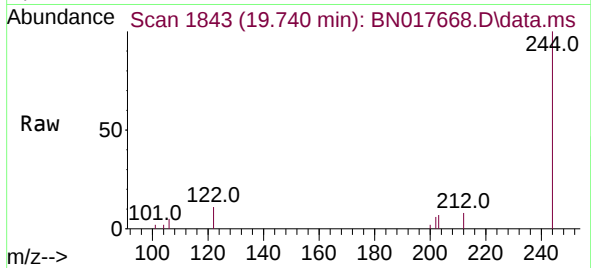




#31
 Terphenyl-d14
 Concen: 0.049 ng
 RT: 19.740 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

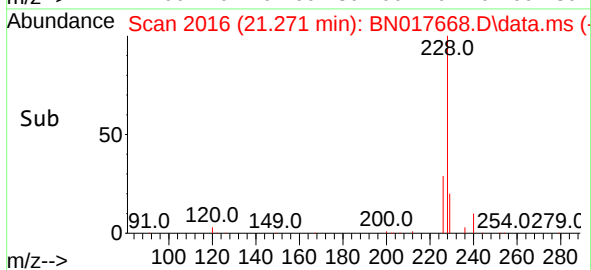
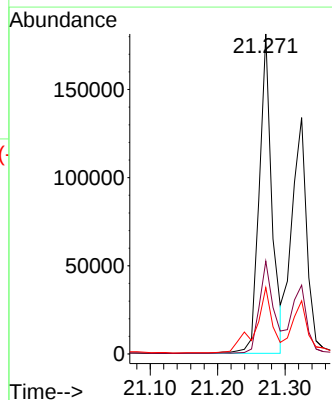
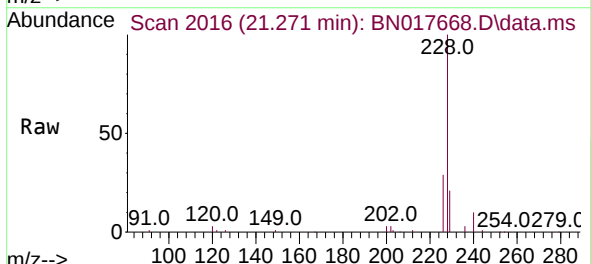
Instrument :
 BNA_N
 ClientSampleId :
 SLAB-9

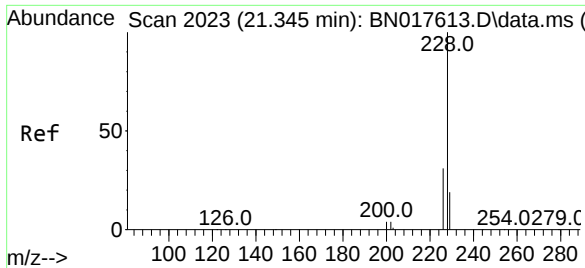
Tgt Ion:244 Resp: 13526
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 10.7 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.626 ng
 RT: 21.271 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: BN017668.D
 Acq: 02 Dec 2021 03:27

Tgt Ion:228 Resp: 238250
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.3 31.9
 229 20.7 15.7 23.5





#33

Chrysene

Concen: 0.489 ng

RT: 21.325 min Scan# 20

Delta R.T. 0.000 min

Lab File: BN017668.D

Acq: 02 Dec 2021 03:27

Instrument :

BNA_N

ClientSampleId :

SLAB-9

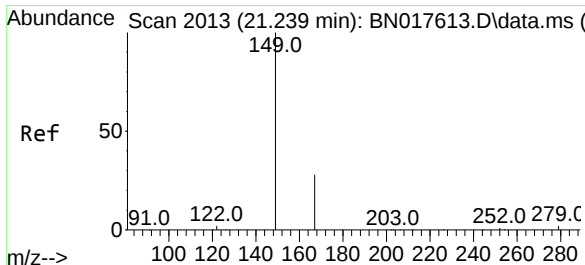
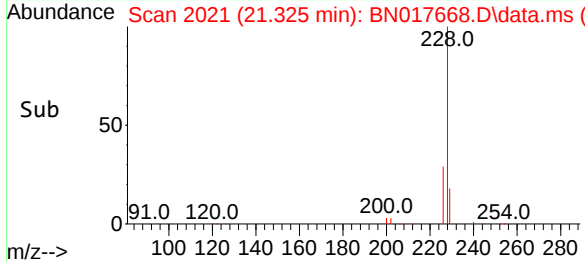
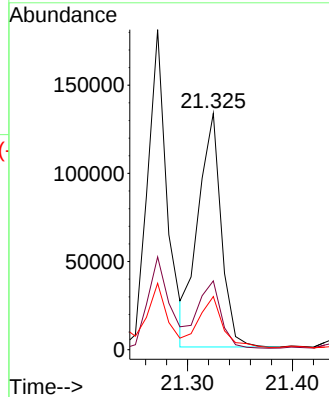
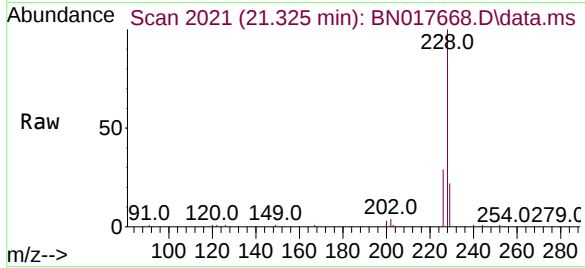
Tgt Ion:228 Resp: 202609

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

229 22.5 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.286 ng

RT: 21.218 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BN017668.D

Acq: 02 Dec 2021 03:27

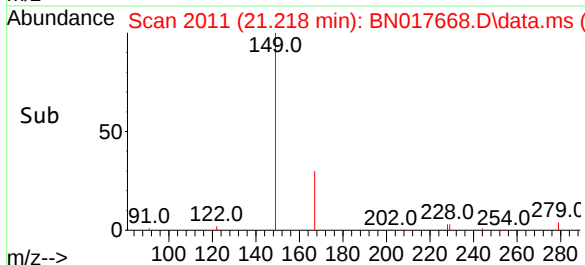
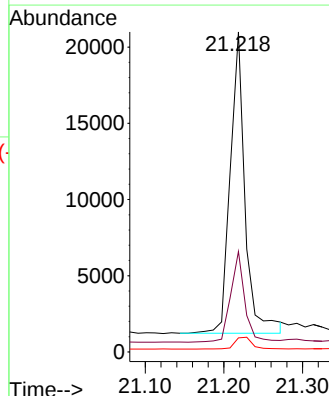
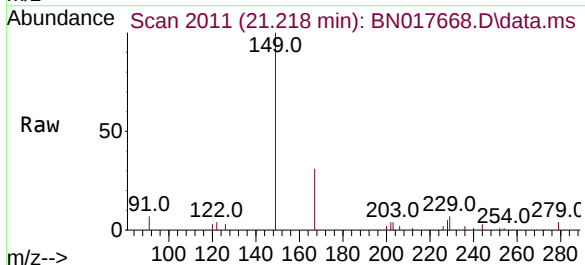
Tgt Ion:149 Resp: 25798

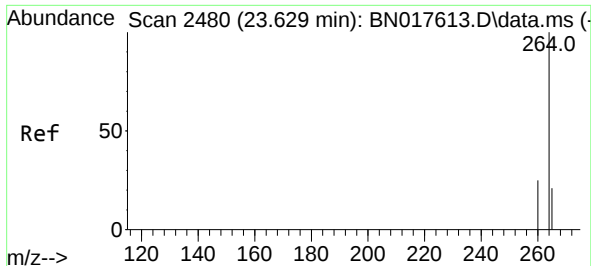
Ion Ratio Lower Upper

149 100

167 29.0 21.8 32.6

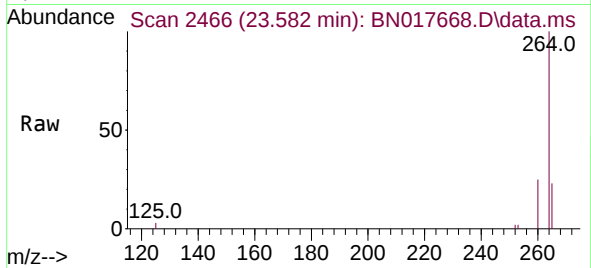
279 4.8 3.4 5.0





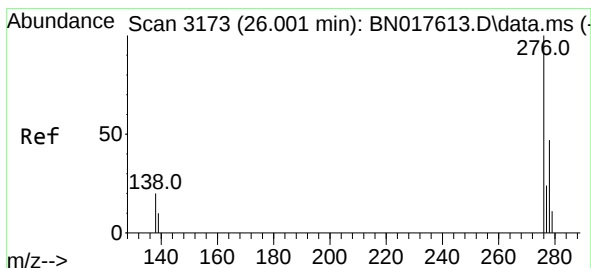
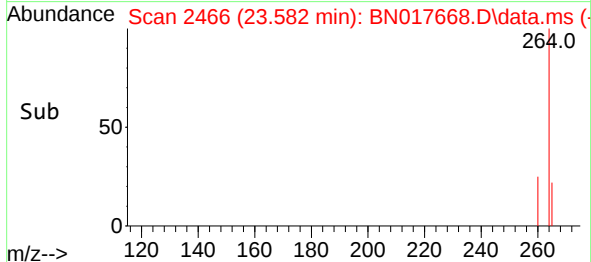
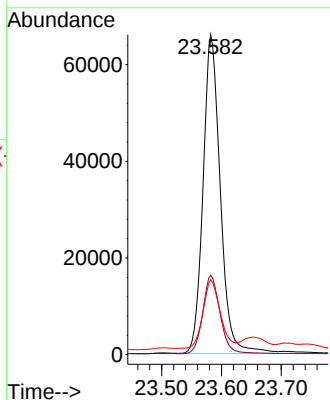
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Instrument :
BNA_N
ClientSampleId :
SLAB-9



Tgt Ion:264 Resp: 131873

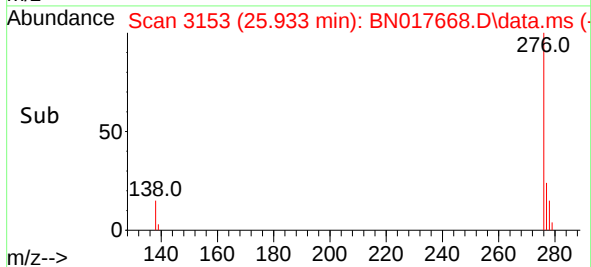
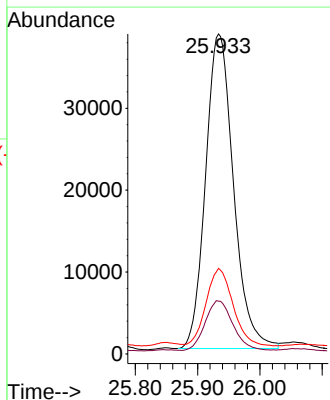
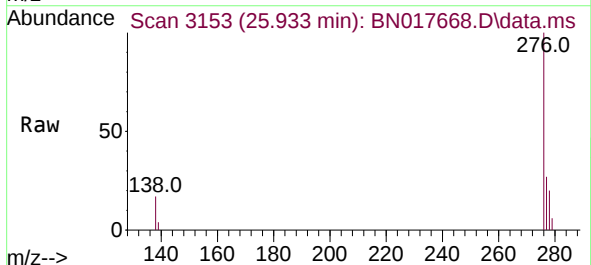
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	23.4	18.6	28.0

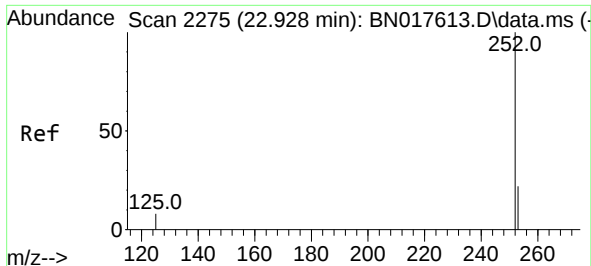


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng
RT: 25.933 min Scan# 3153
Delta R.T. -0.007 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:276 Resp: 119968

Ion	Ratio	Lower	Upper
276	100		
138	15.6	19.7	29.5#
277	23.6	20.0	30.0

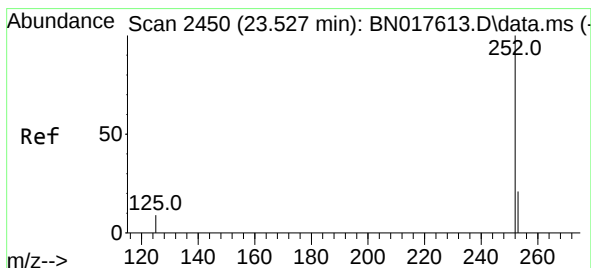
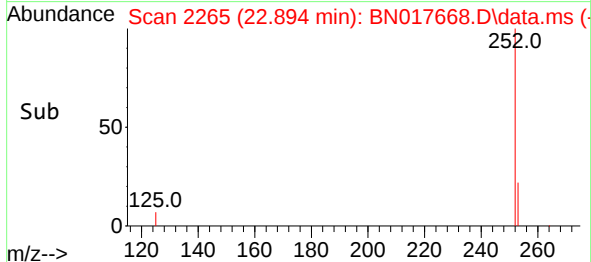
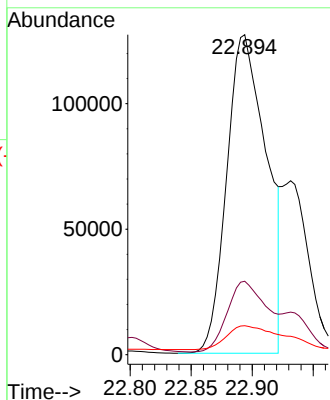
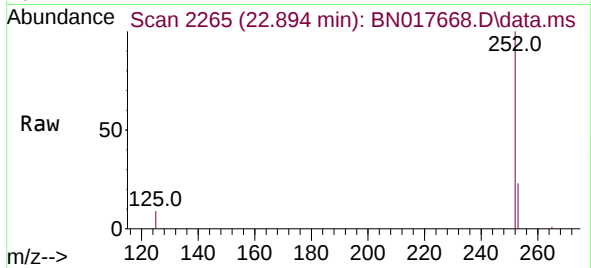




#37
Benzo(b)fluoranthene
Concen: 0.656 ng
RT: 22.894 min Scan# 21
Delta R.T. 0.007 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

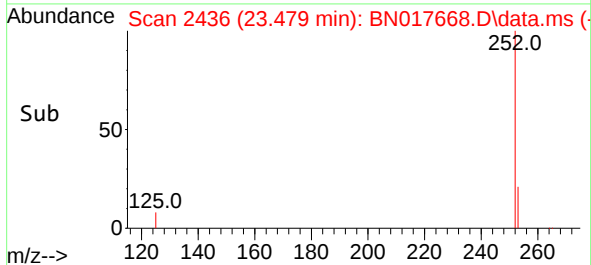
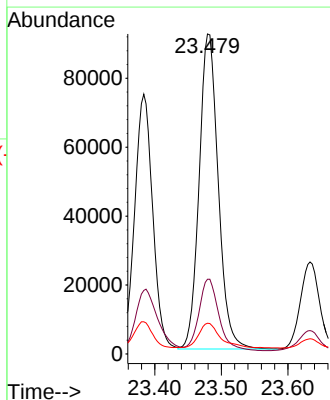
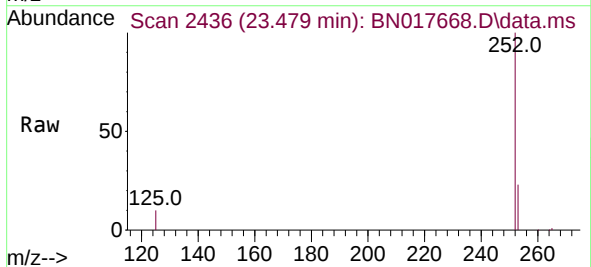
Instrument :
BNA_N
ClientSampleId :
SLAB-9

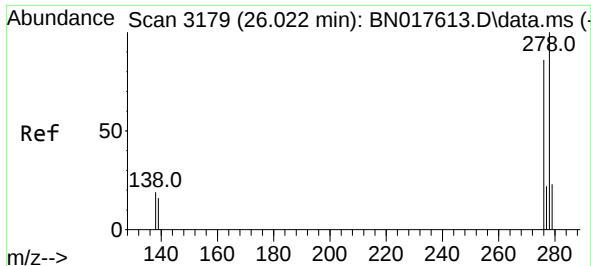
Tgt Ion:252 Resp: 286705
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.0 7.8 11.8



#39
Benzo(a)pyrene
Concen: 0.465 ng
RT: 23.479 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:252 Resp: 182033
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 9.6 9.2 13.8

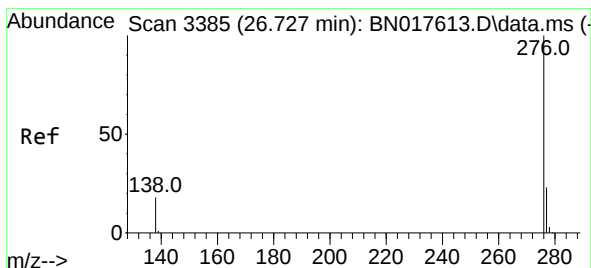
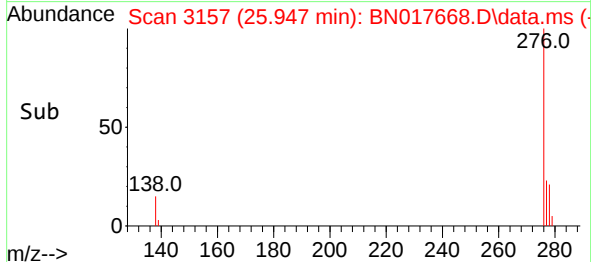
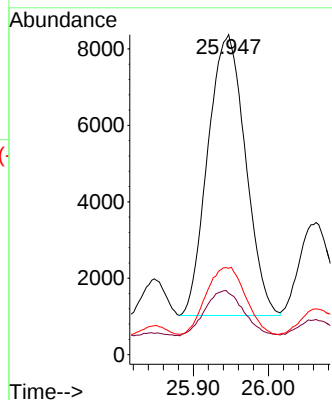
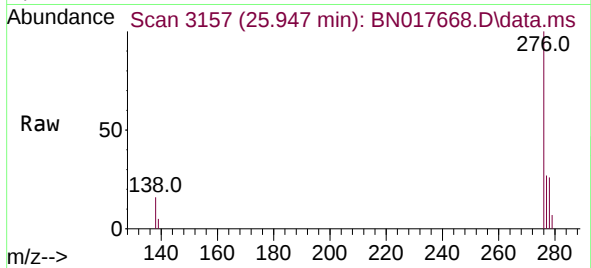




#40
Dibenzo(a,h)anthracene
Concen: 0.073 ng
RT: 25.947 min Scan# 3179
Delta R.T. -0.007 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Instrument :
BNA_N
ClientSampleId :
SLAB-9

Tgt Ion:278 Resp: 25576
Ion Ratio Lower Upper
278 100
139 19.2 13.0 19.6
279 27.0 19.2 28.8



#41
Benzo(g,h,i)perylene
Concen: 0.304 ng
RT: 26.652 min Scan# 3363
Delta R.T. -0.003 min
Lab File: BN017668.D
Acq: 02 Dec 2021 03:27

Tgt Ion:276 Resp: 109403
Ion Ratio Lower Upper
276 100
277 25.4 19.0 28.4
138 16.8 17.1 25.7#

