

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016684.D
 Acq On : 02 Oct 2021 23:09
 Operator : CG/JU
 Sample : M3892-10
 Misc :
 ALS Vial : 52 Sample Multiplier: 2

Instrument :
 BNA_N
 ClientSampleId :
 S-824-N-SO-1-1.5-092221

Quant Time: Oct 04 03:35:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

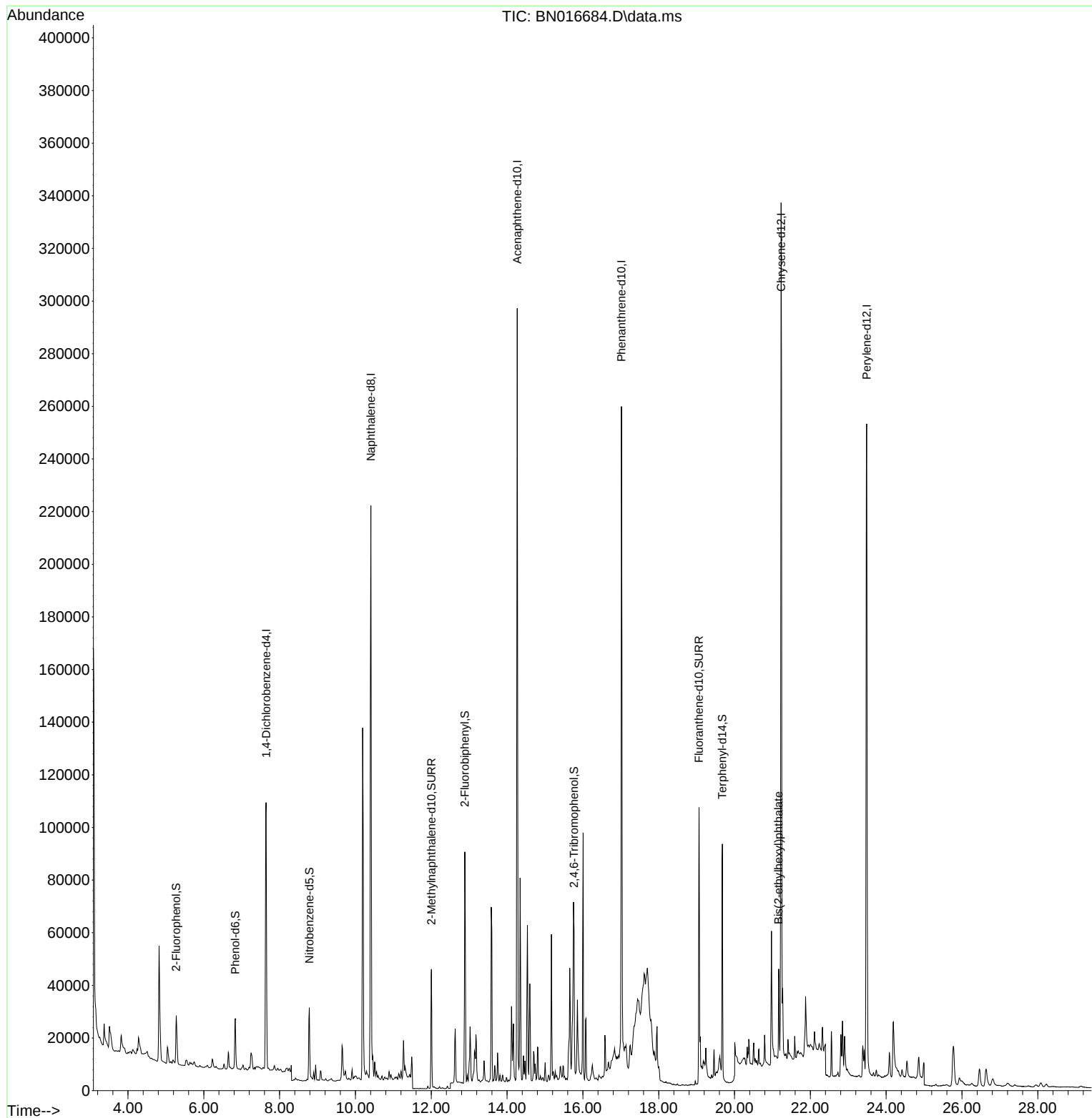
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	62288	0.800	ng	0.00
7) Naphthalene-d8	10.407	136	288843	0.800	ng	# 0.00
13) Acenaphthene-d10	14.269	164	165212	0.800	ng	0.00
19) Phenanthrene-d10	17.018	188	323704	0.800	ng	#-0.01
29) Chrysene-d12	21.228	240	318574	0.800	ng	#-0.01
35) Perylene-d12	23.485	264	336649	0.800	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	22076	0.278	ng	0.02
5) Phenol-d6	6.831	99	22729	0.262	ng	0.00
8) Nitrobenzene-d5	8.785	82	25153	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	60333	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12053	0.320	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	75383	0.225	ng	-0.01
27) Fluoranthene-d10	19.063	212	114452	0.266	ng	0.00
31) Terphenyl-d14	19.679	244	87397	0.252	ng	0.00
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.217	228	19022	0.039	ng	98
33) Chrysene	21.270	228	18393	0.037	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	35425	0.182	ng	99
36) Indeno(1,2,3-cd)pyrene	25.764	276	18689	0.031	ng	# 84
37) Benzo(b)fluoranthene	22.807	252	20496	0.038	ng	# 70
38) Benzo(k)fluoranthene	22.851	252	18366	0.034	ng	# 35
40) Dibenzo(a,h)anthracene	25.788	278	14644	0.030	ng	# 70
41) Benzo(g,h,i)perylene	26.459	276	14224	0.027	ng	# 87

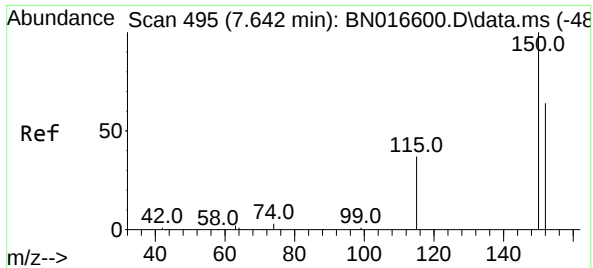
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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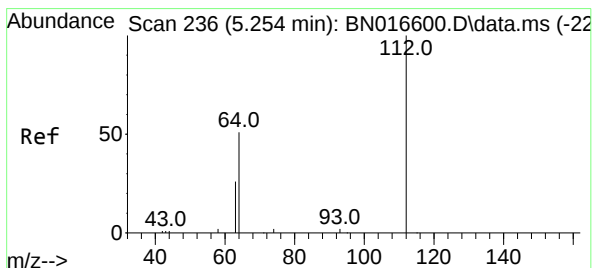
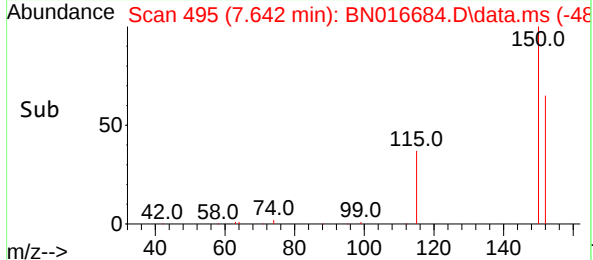
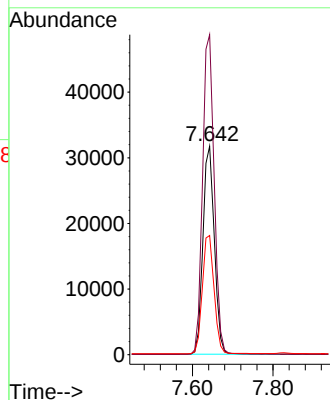
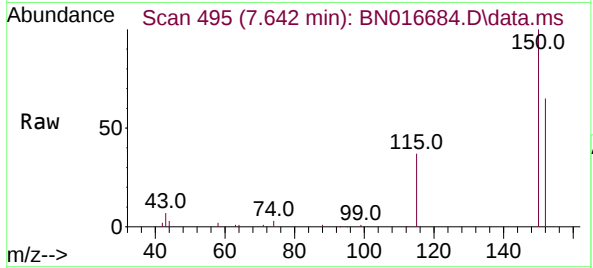




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.800 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016684.D
 Acq: 02 Oct 2021 23:09

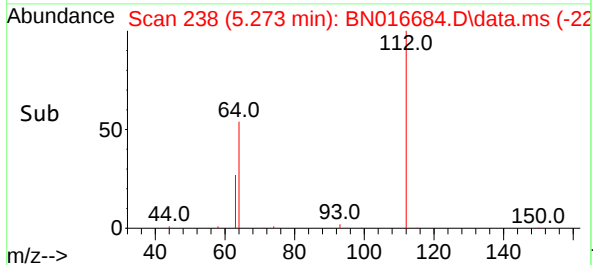
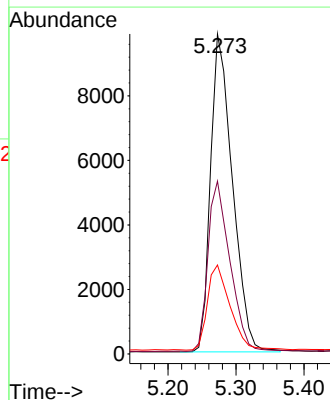
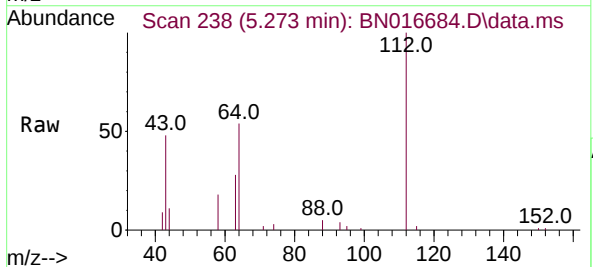
Instrument :
 BNA_N
 ClientSampleId :
 S-824-N-SO-1-1.5-092221

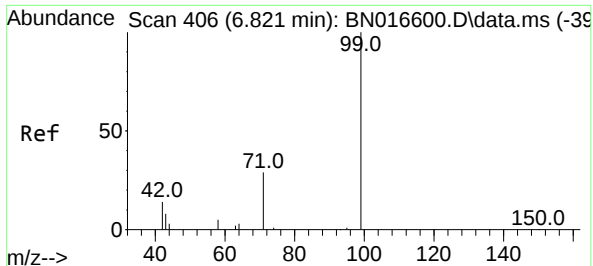
Tgt Ion:152 Resp: 62288
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.6 186.8
 115 57.2 46.5 69.7



#4
 2-Fluorophenol
 Concen: 0.278 ng
 RT: 5.273 min Scan# 238
 Delta R.T. 0.019 min
 Lab File: BN016684.D
 Acq: 02 Oct 2021 23:09

Tgt Ion:112 Resp: 22076
 Ion Ratio Lower Upper
 112 100
 64 53.8 43.1 64.7
 63 27.8 21.6 32.4

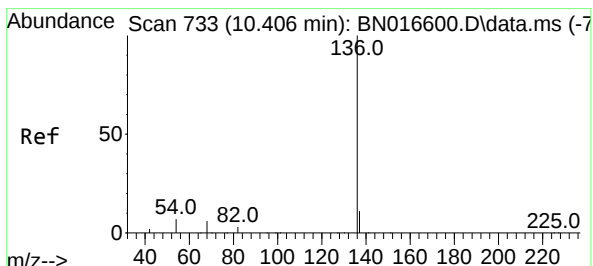
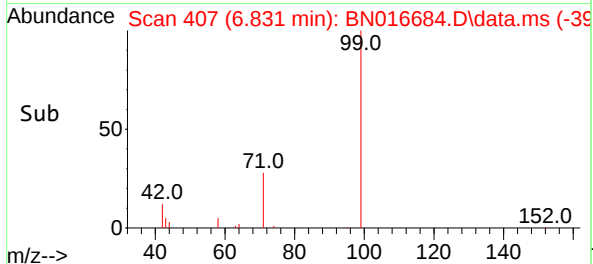
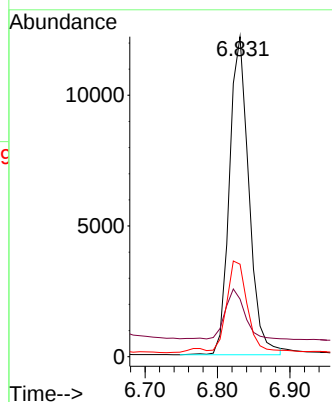
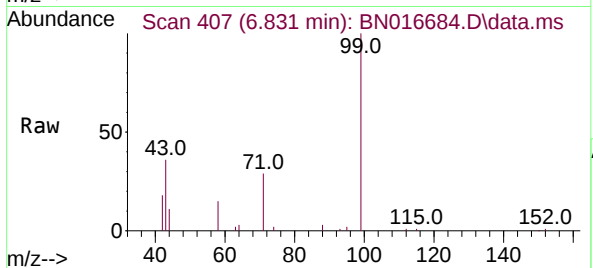




#5
Phenol-d6
Concen: 0.262 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

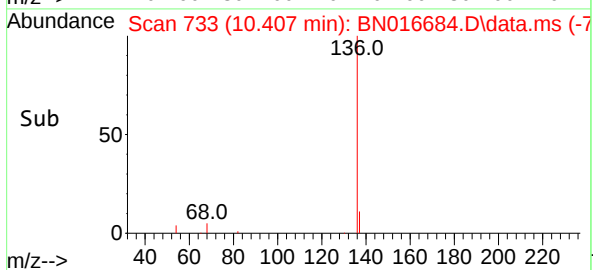
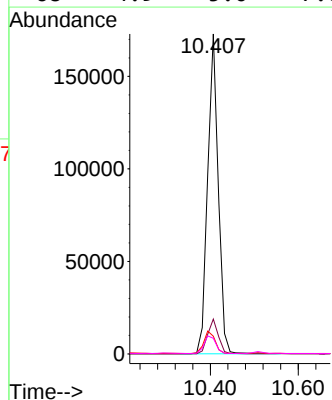
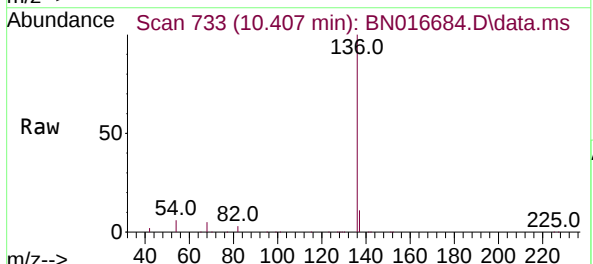
Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221

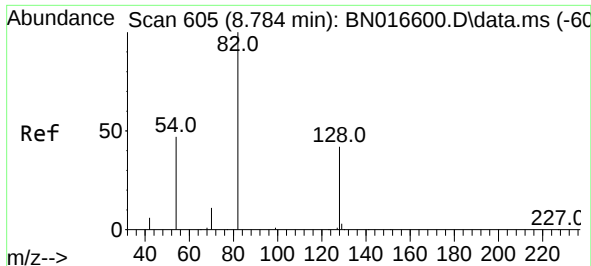
Tgt Ion: 99	Resp: 22729
Ion Ratio	Lower Upper
99 100	
42 15.3	13.0 19.6
71 29.1	23.5 35.3



#7
Naphthalene-d8
Concen: 0.800 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

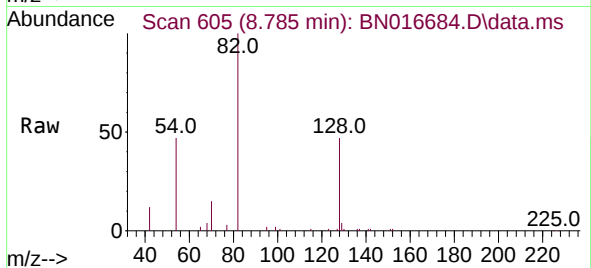
Tgt Ion: 136	Resp: 288843
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 5.6	5.9 8.9#
68 4.9	5.0 7.6#



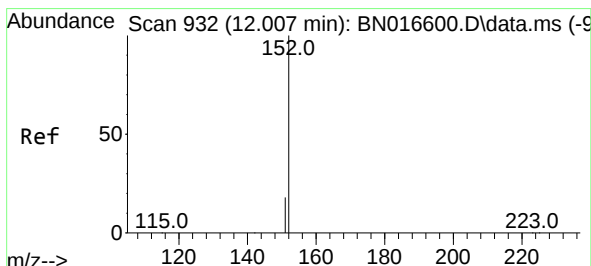
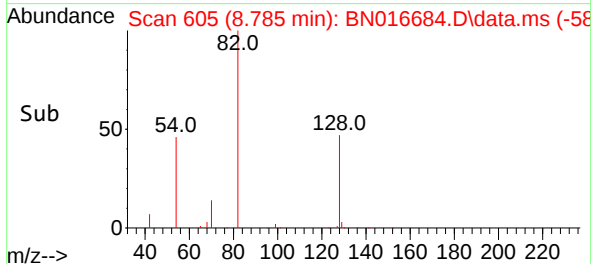
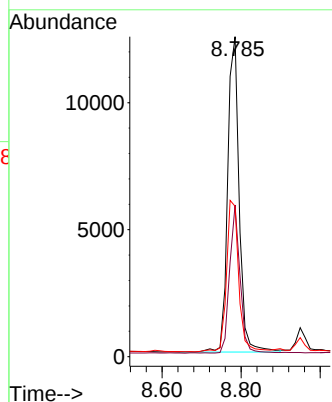


#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221

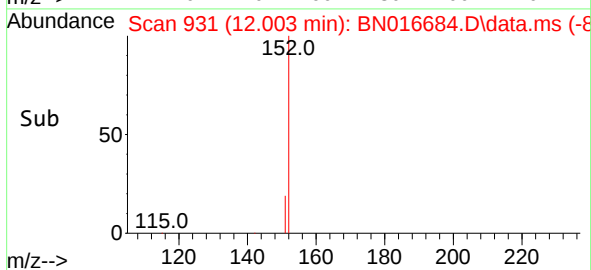
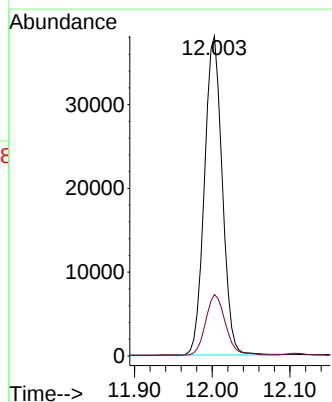
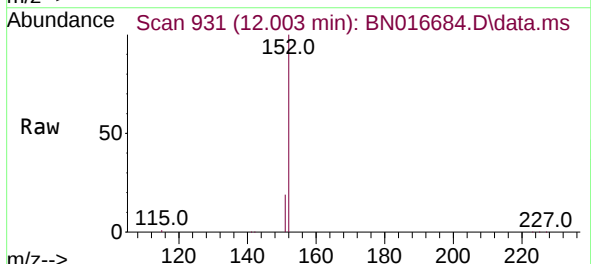


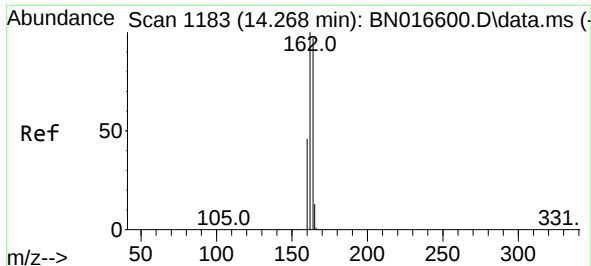
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.6	50.4
54	47.0	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

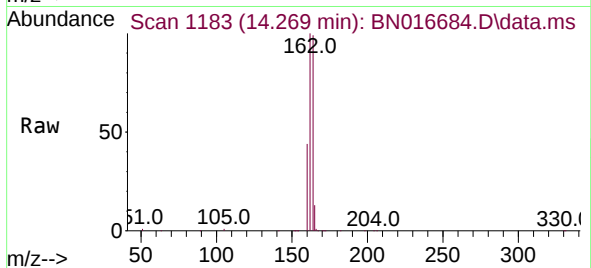
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.2	24.4



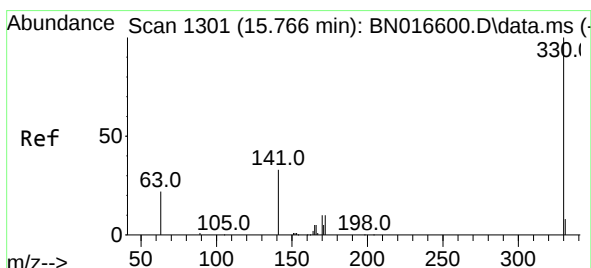
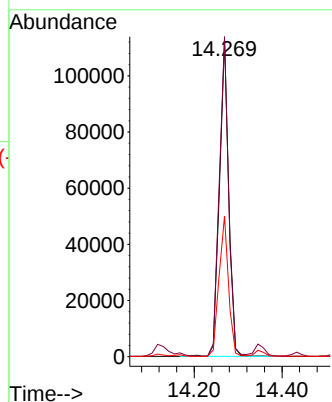
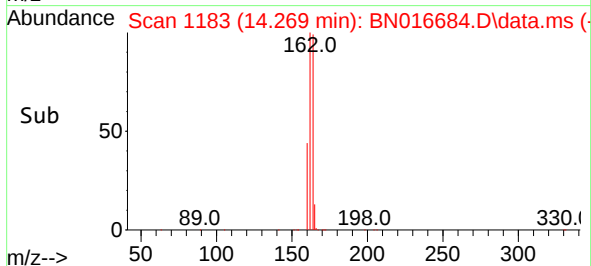


#13
Acenaphthene-d10
Concen: 0.800 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

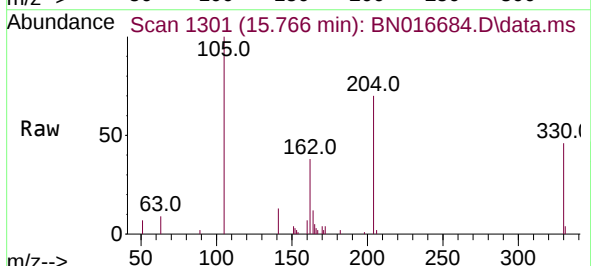
Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221



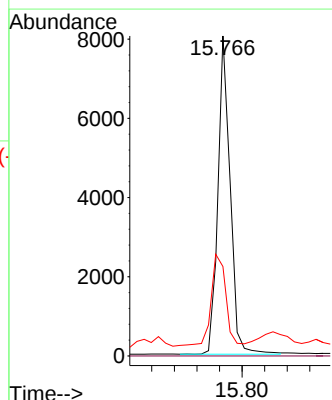
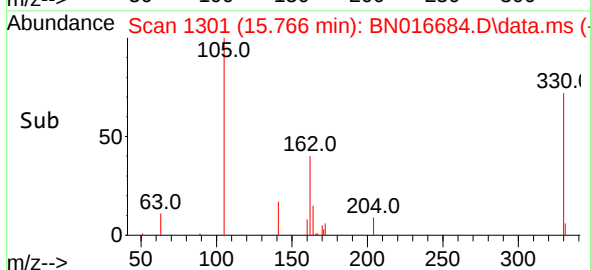
Tgt Ion:164 Resp: 165212
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 44.2 37.7 56.5

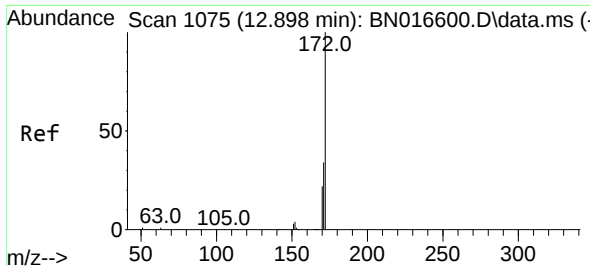


#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09



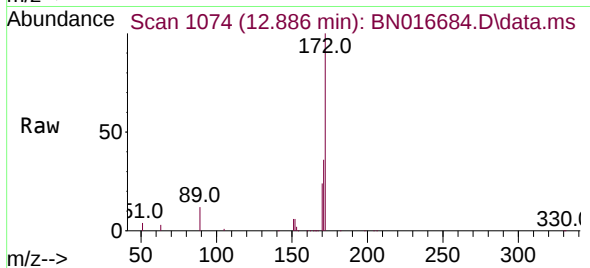
Tgt Ion:330 Resp: 12053
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.6 25.2 37.8



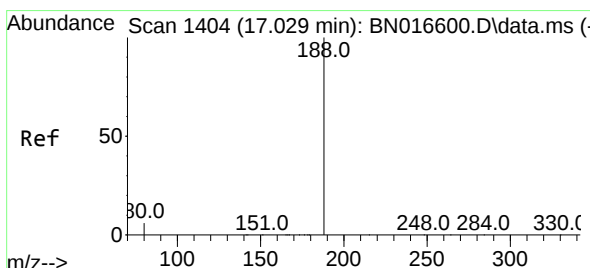
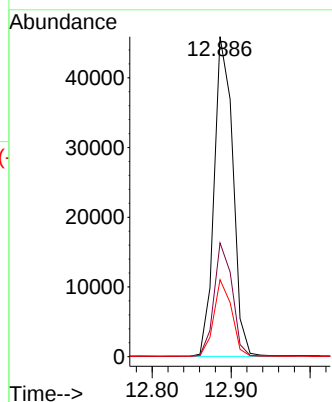
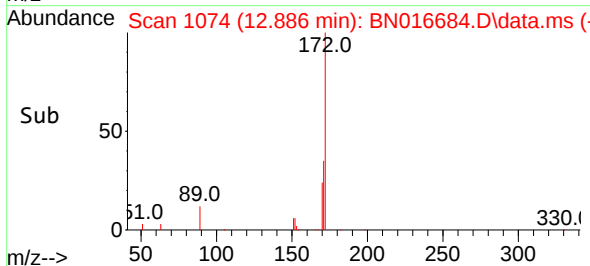


#15
2-Fluorobiphenyl
Concen: 0.225 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

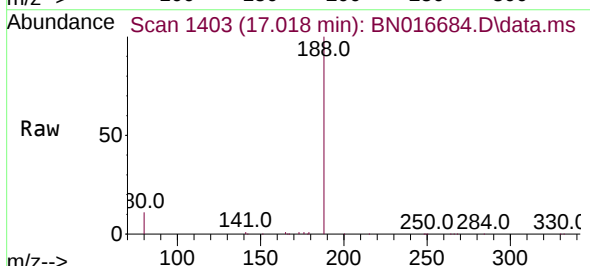
Instrument :
BNA_N
ClientSampleId :
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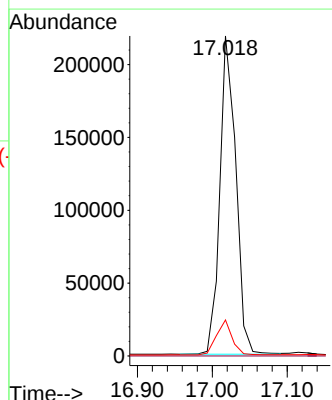
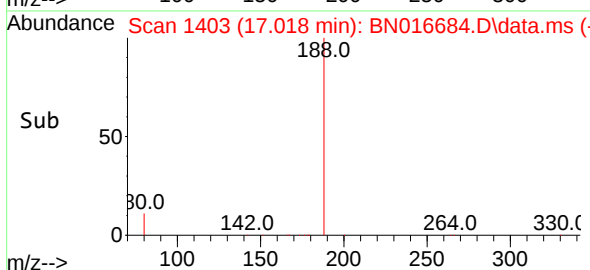
Tgt Ion:	172	Resp:	75383
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.0	40.4
170	24.1	17.4	26.2

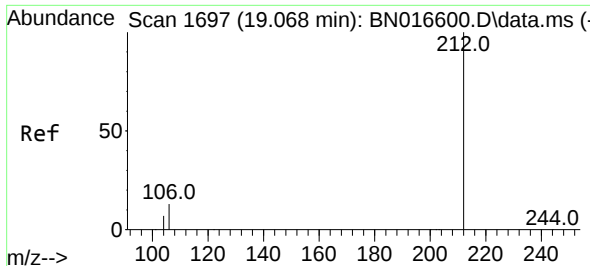


#19
Phenanthrene-d10
Concen: 0.800 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09



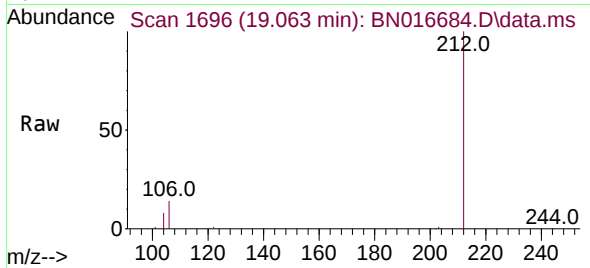
Tgt Ion:	188	Resp:	323704
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.2	5.0	7.6#



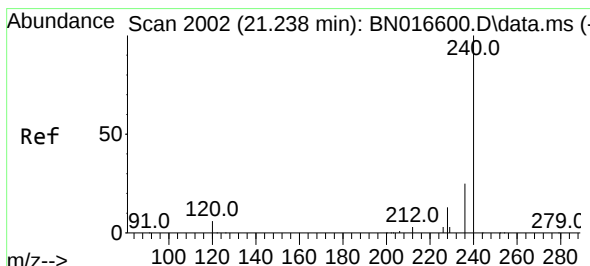
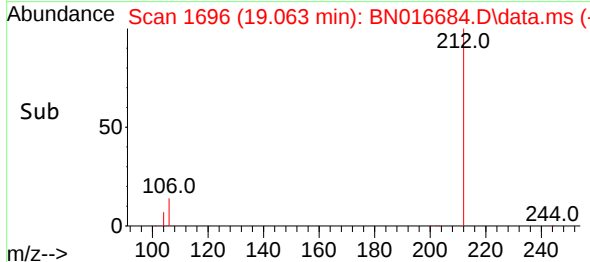
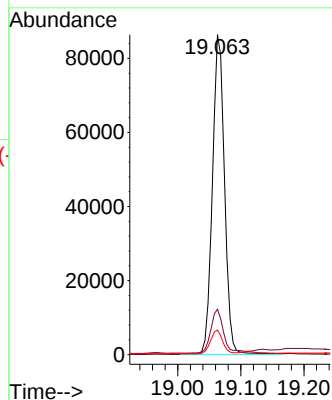


#27
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221

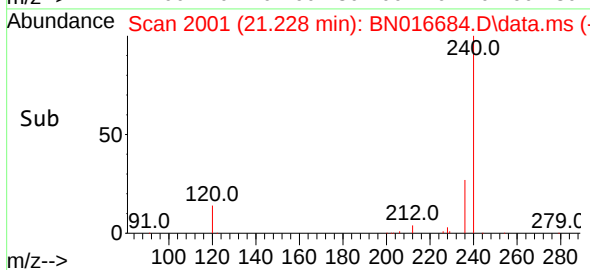
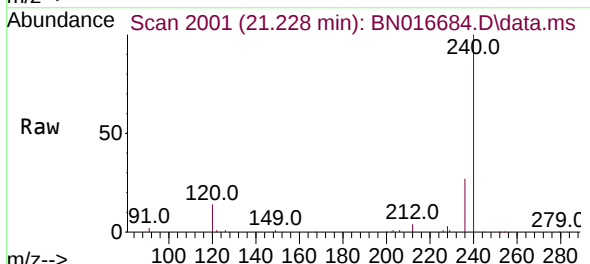
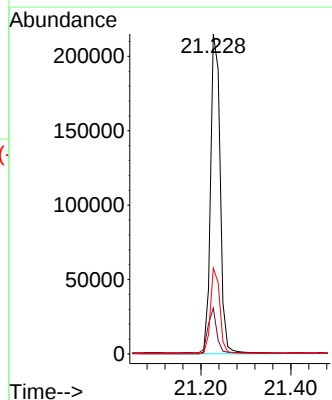


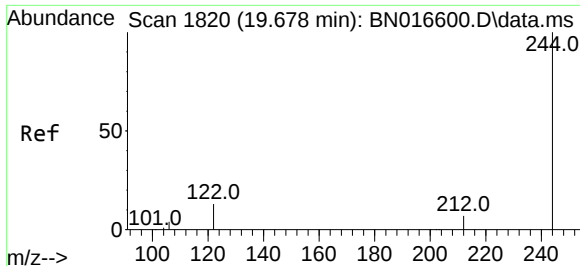
Tgt Ion:212 Resp: 114452
Ion Ratio Lower Upper
212 100
106 14.4 10.6 16.0
104 7.5 5.9 8.9



#29
Chrysene-d12
Concen: 0.800 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Tgt Ion:240 Resp: 318574
Ion Ratio Lower Upper
240 100
120 14.4 5.0 7.4#
236 26.8 20.4 30.6

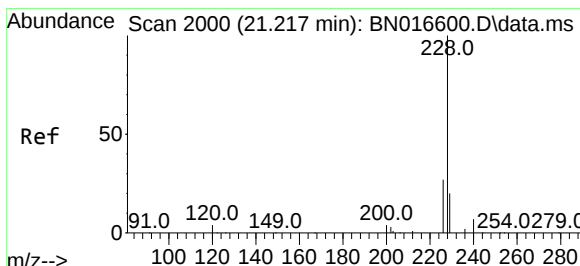
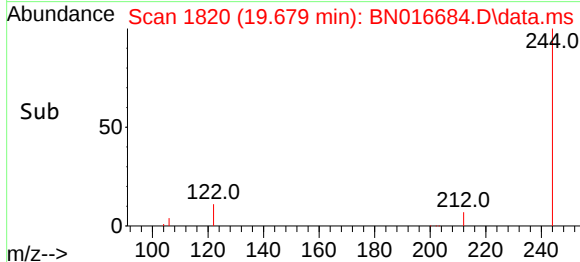
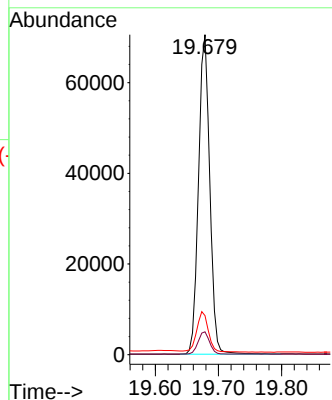
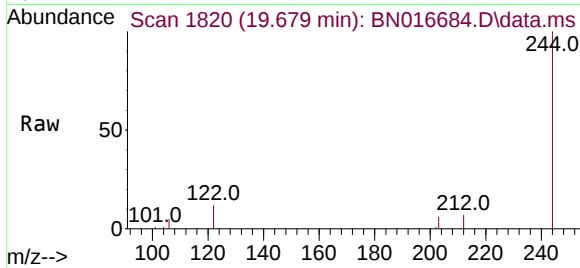




#31
Terphenyl-d14
Concen: 0.252 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

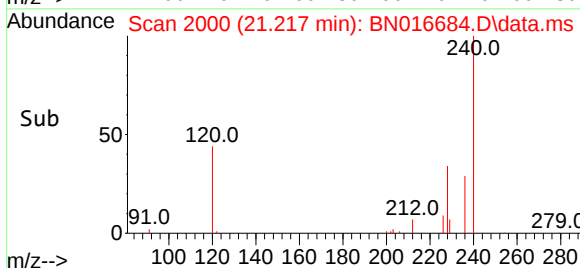
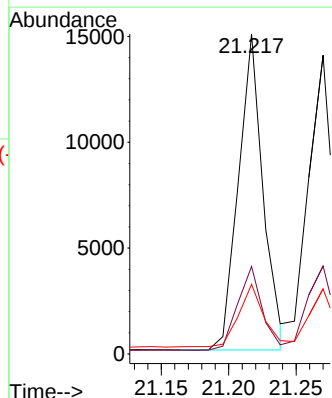
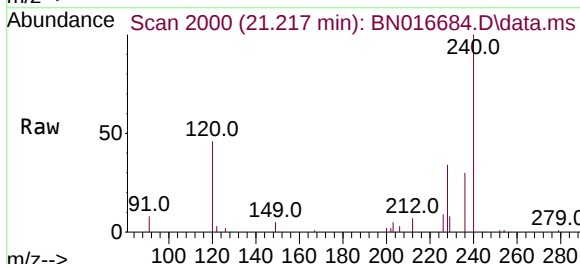
Instrument :
BNA_N
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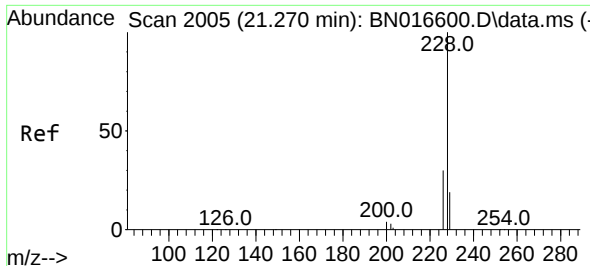
Tgt Ion:244 Resp: 87397
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.2 10.1 15.1



#32
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Tgt Ion:228 Resp: 19022
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 21.8 15.7 23.5

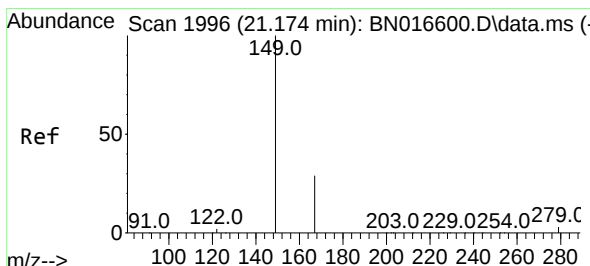
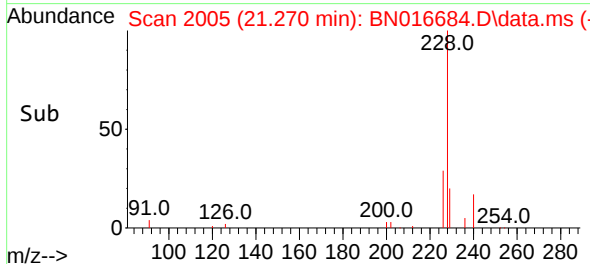
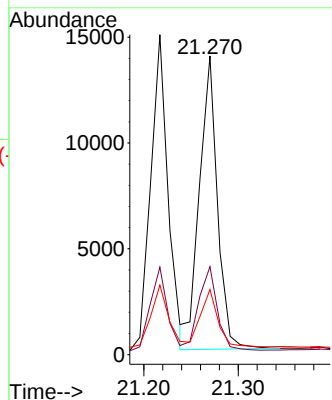
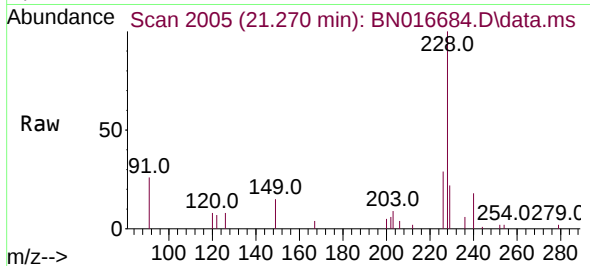




#33
Chrysene
Concen: 0.037 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

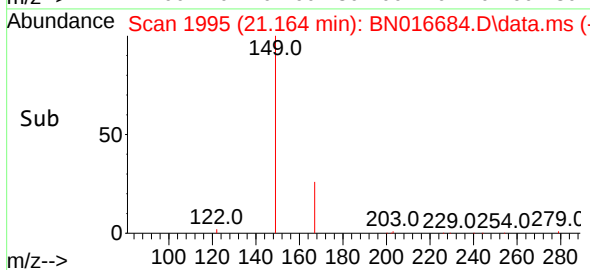
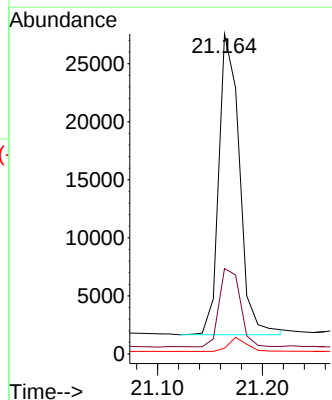
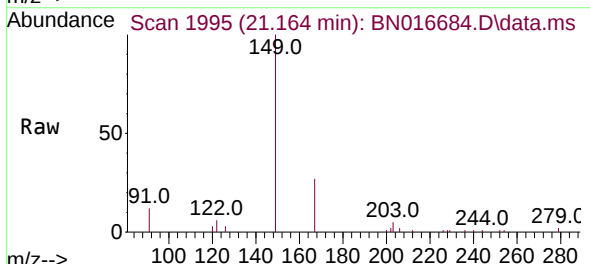
Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221

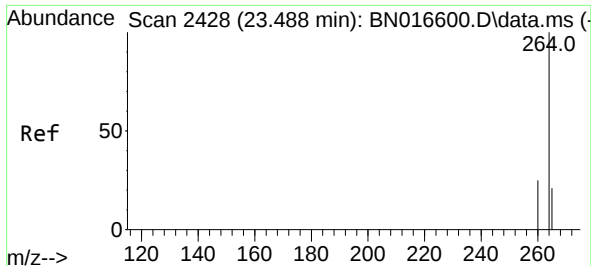
Tgt Ion:	228	Resp:	18393
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	21.8	15.5	23.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.182 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

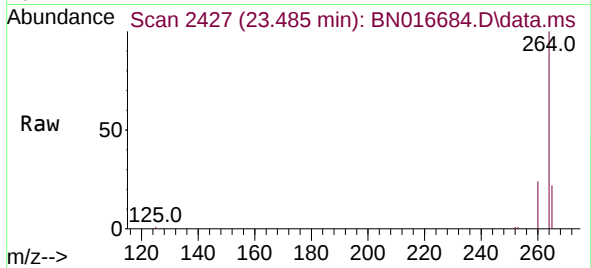
Tgt Ion:	149	Resp:	35425
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.2	33.4
279	4.2	3.2	4.8



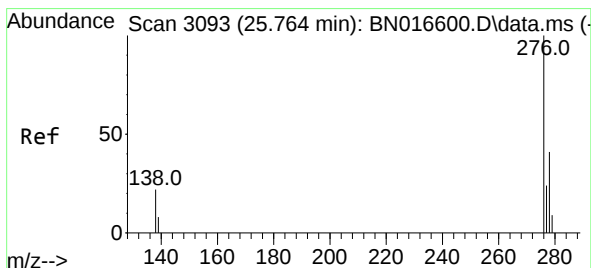
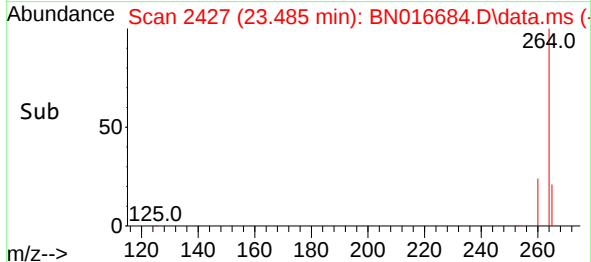
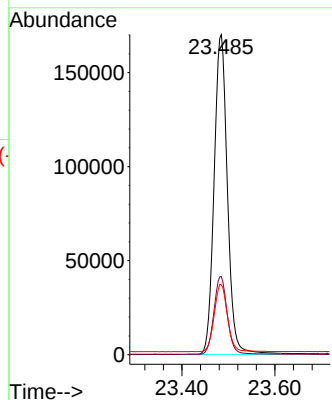


#35
Perylene-d12
Concen: 0.800 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221

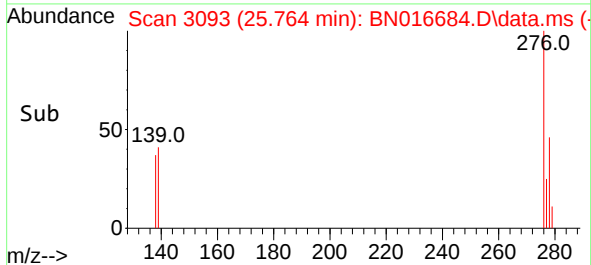
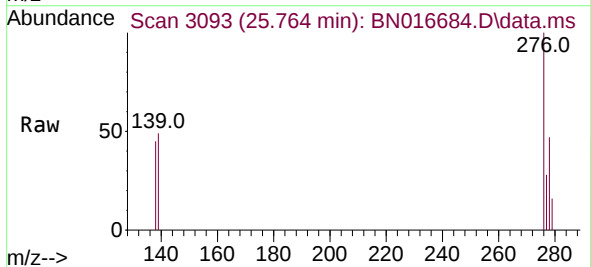
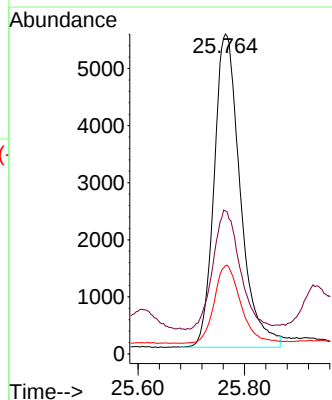


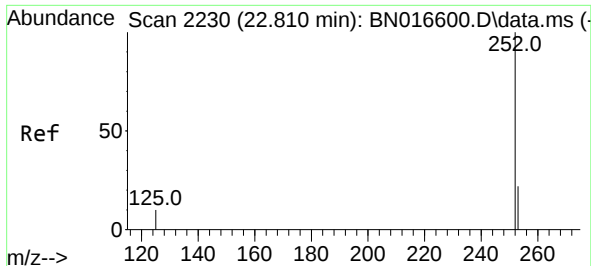
Tgt Ion:264 Resp: 336649
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 21.8 19.2 28.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

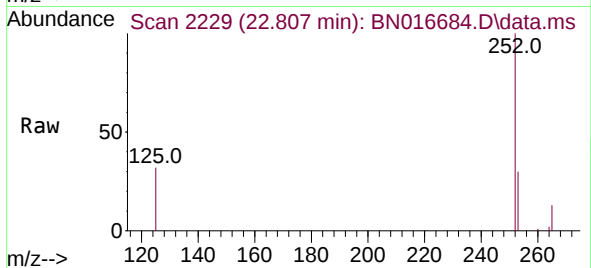
Tgt Ion:276 Resp: 18689
Ion Ratio Lower Upper
276 100
138 39.9 19.5 29.3#
277 25.3 19.9 29.9



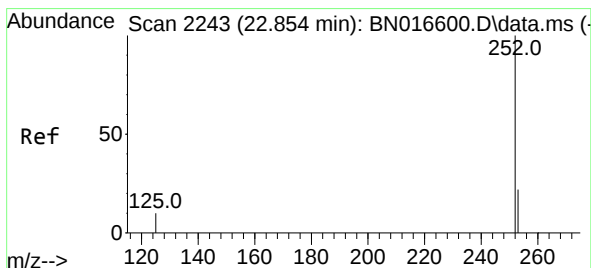
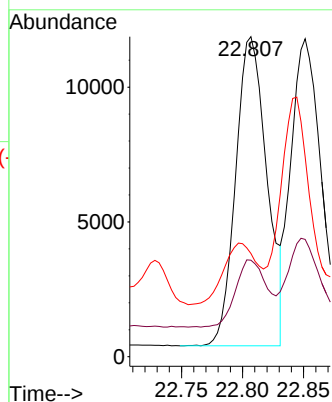


#37
Benzo(b)fluoranthene
Concen: 0.038 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221

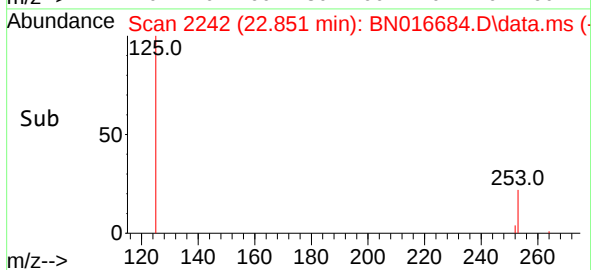
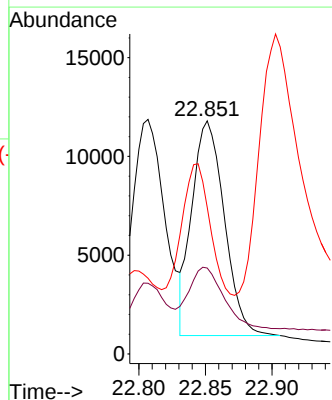
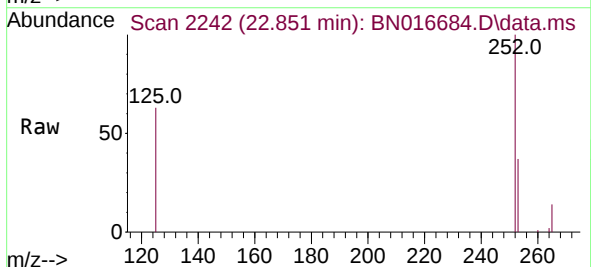


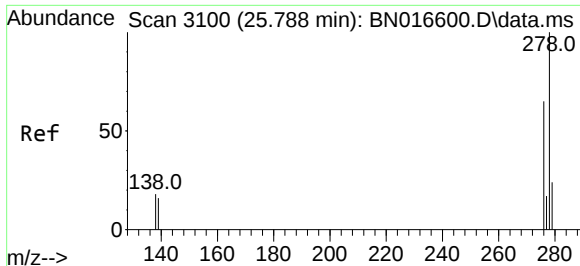
Tgt Ion:252 Resp: 20496
Ion Ratio Lower Upper
252 100
253 30.2 17.8 26.8#
125 32.3 8.0 12.0#



#38
Benzo(k)fluoranthene
Concen: 0.034 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Tgt Ion:252 Resp: 18366
Ion Ratio Lower Upper
252 100
253 36.9 17.8 26.6#
125 62.9 8.0 12.0#

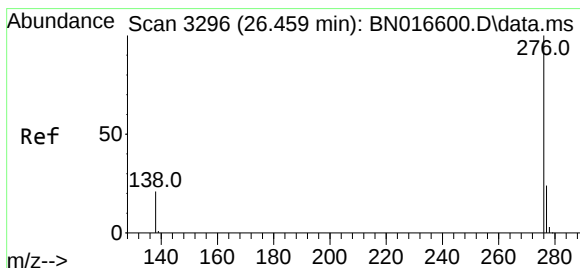
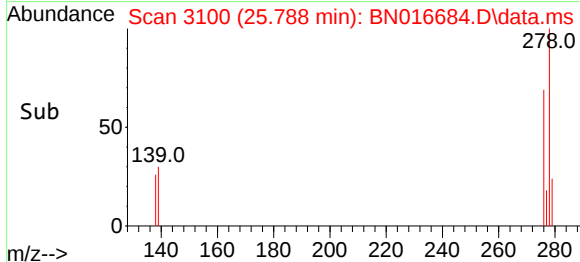
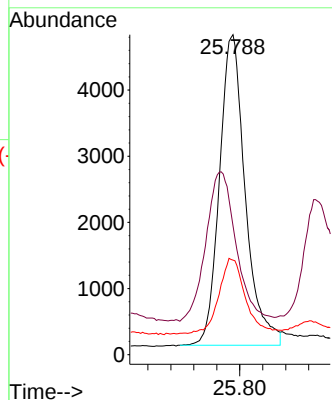
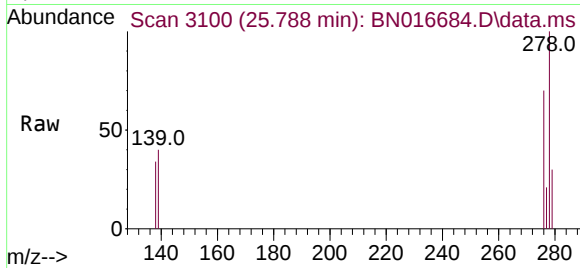




#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.788 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Instrument :
BNA_N
ClientSampleId :
S-824-N-SO-1-1.5-092221

Tgt Ion:278 Resp: 14644
Ion Ratio Lower Upper
278 100
139 40.3 13.1 19.7#
279 29.6 19.1 28.7#



#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016684.D
Acq: 02 Oct 2021 23:09

Tgt Ion:276 Resp: 14224
Ion Ratio Lower Upper
276 100
277 26.9 19.0 28.6
138 30.9 16.9 25.3#

