

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016617.D
 Acq On : 01 Oct 2021 03:00
 Operator : CG/JU
 Sample : PB139494BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139443BL

Quant Time: Oct 01 06:23:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

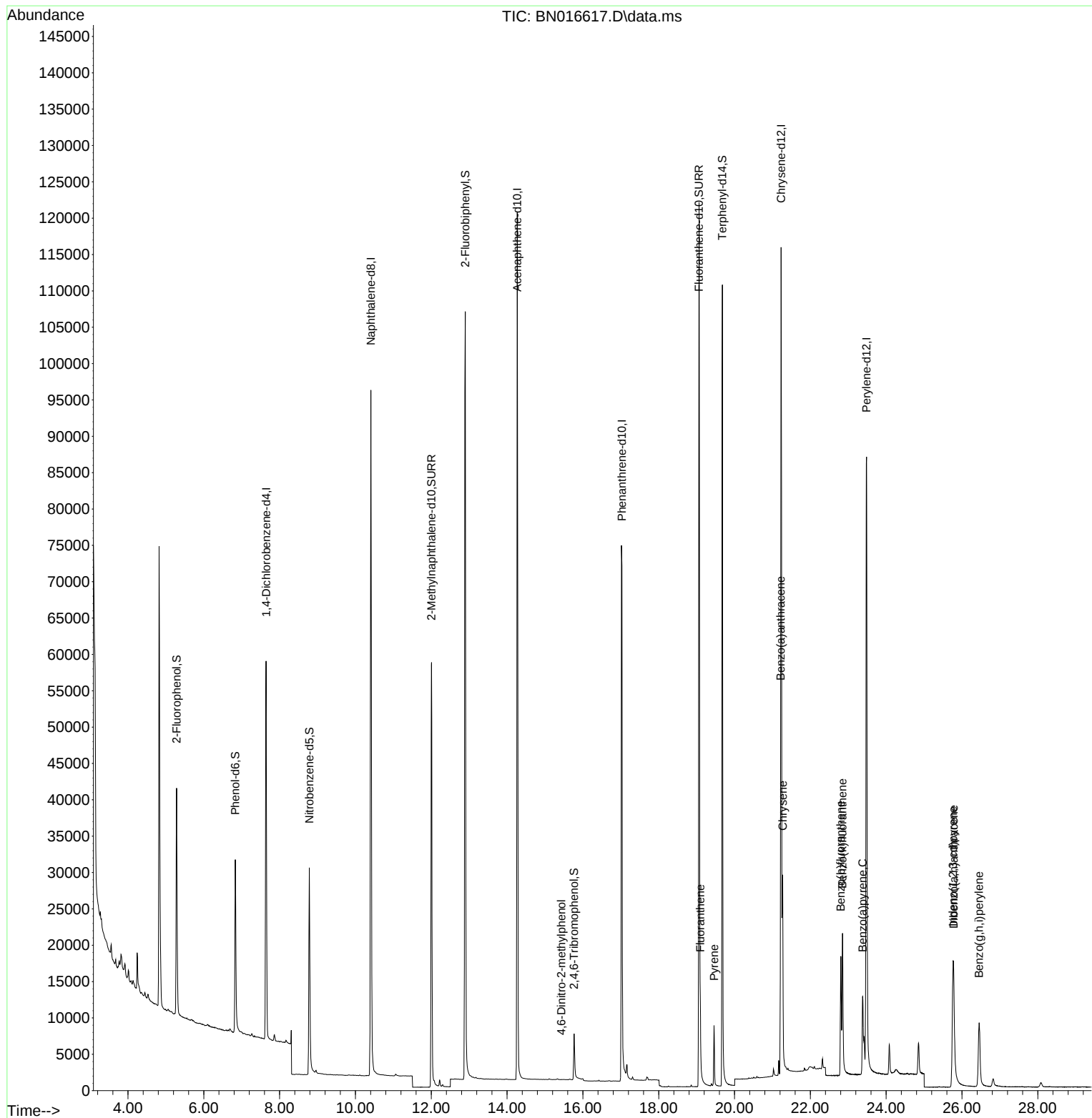
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29779	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	131815	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	67605	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	125504	0.400	ng	0.00
29) Chrysene-d12	21.227	240	111729	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	119786	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	30158	0.398	ng	0.03
5) Phenol-d6	6.831	99	27508	0.331	ng	0.00
8) Nitrobenzene-d5	8.784	82	27890	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	86785	0.445	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	6599	0.214	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	109910	0.402	ng	0.00
27) Fluoranthene-d10	19.063	212	152079	0.456	ng	0.00
31) Terphenyl-d14	19.678	244	119414	0.492	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	5	0.137	ng	# 1
28) Fluoranthene	19.097	202	8199	0.020	ng	98
30) Pyrene	19.460	202	7915	0.022	ng	99
32) Benzo(a)anthracene	21.217	228	17281	0.050	ng	98
33) Chrysene	21.270	228	22858	0.066	ng	99
36) Indeno(1,2,3-cd)pyrene	25.760	276	25137	0.059	ng	96
37) Benzo(b)fluoranthene	22.803	252	22083	0.057	ng	96
38) Benzo(k)fluoranthene	22.848	252	23176	0.061	ng	# 89
39) Benzo(a)pyrene	23.378	252	19031	0.056	ng	# 93
40) Dibenzo(a,h)anthracene	25.781	278	19549	0.057	ng	# 91
41) Benzo(g,h,i)perylene	26.452	276	20934	0.055	ng	99

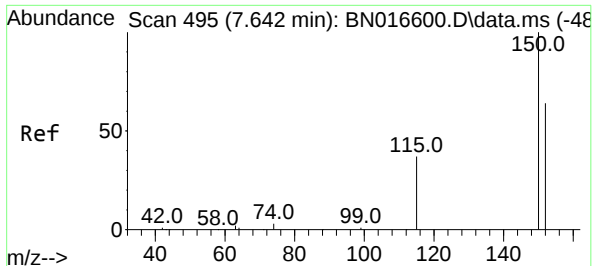
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016617.D
Acq On : 01 Oct 2021 03:00
Operator : CG/JU
Sample : PB139494BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139443BL

Quant Time: Oct 01 06:23:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
Response via : Initial Calibration

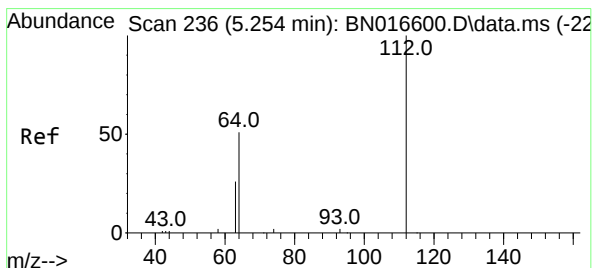
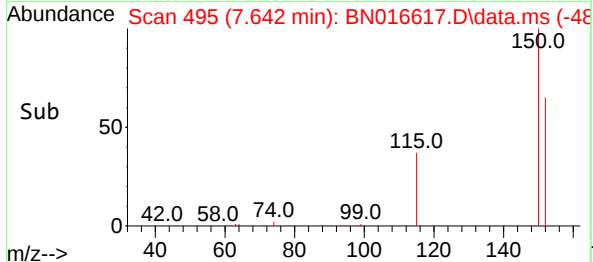
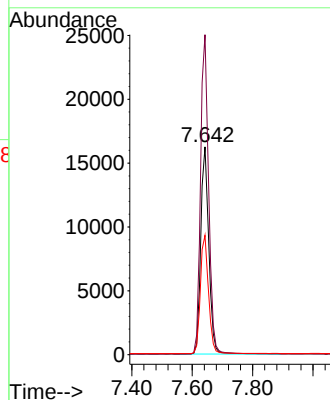
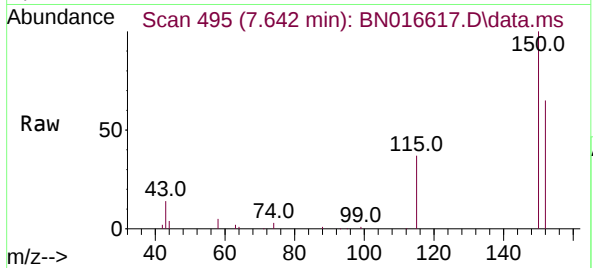




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016617.D
 Acq: 01 Oct 2021 03:00

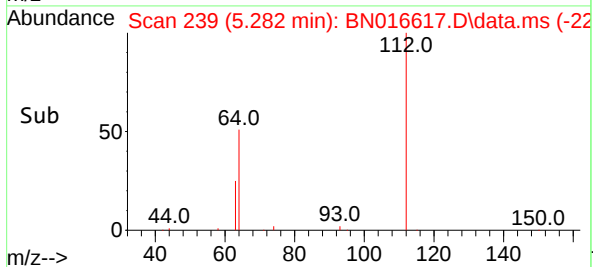
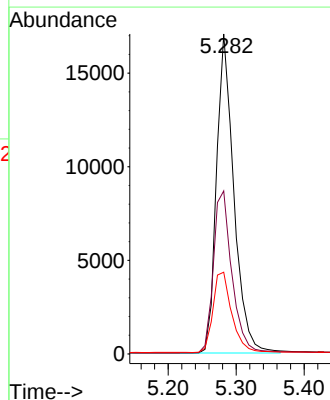
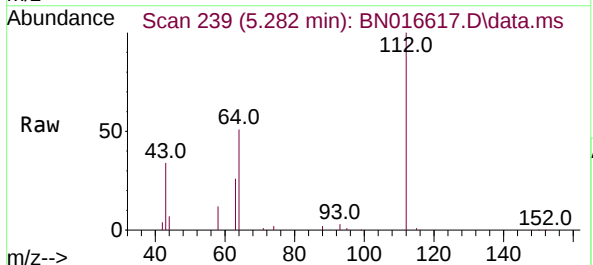
Instrument :
 BNA_N
 ClientSampleId :
 PB139443BL

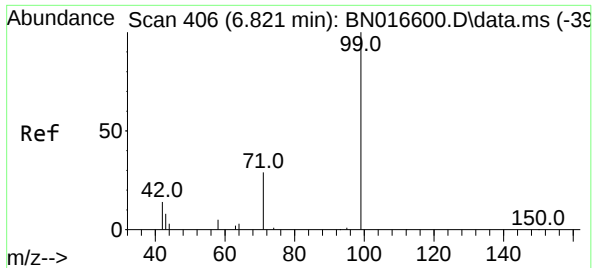
Tgt Ion:152 Resp: 29779
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 57.4 46.5 69.7



#4
 2-Fluorophenol
 Concen: 0.398 ng
 RT: 5.282 min Scan# 239
 Delta R.T. 0.028 min
 Lab File: BN016617.D
 Acq: 01 Oct 2021 03:00

Tgt Ion:112 Resp: 30158
 Ion Ratio Lower Upper
 112 100
 64 54.1 43.1 64.7
 63 27.2 21.6 32.4

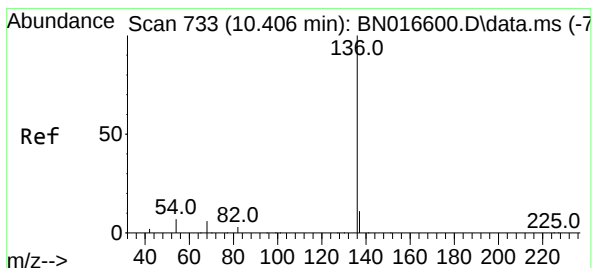
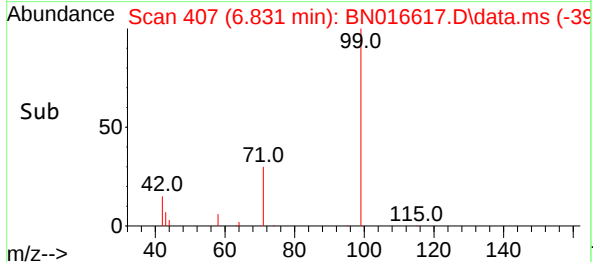
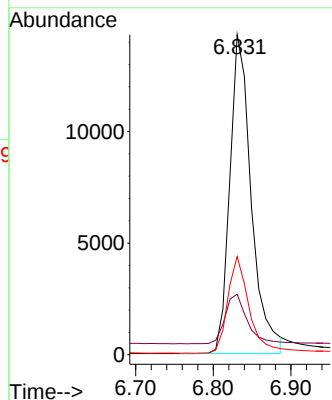
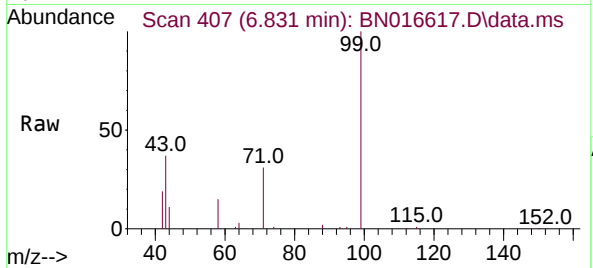




#5
Phenol-d6
Concen: 0.331 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

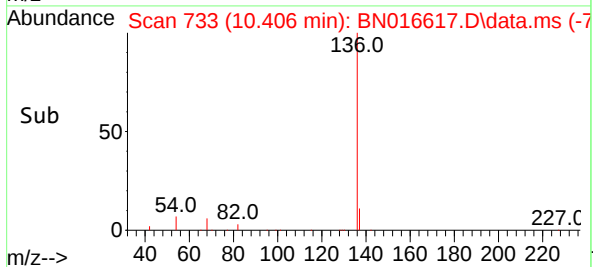
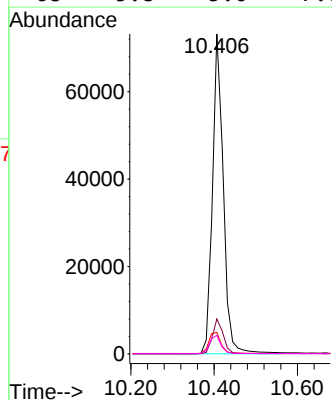
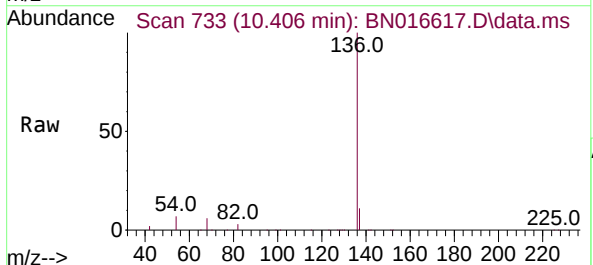
Instrument :
BNA_N
ClientSampleId :
PB139443BL

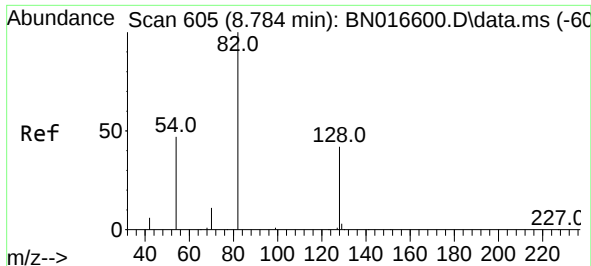
Tgt Ion: 99	Resp: 27508
Ion Ratio	Lower Upper
99 100	
42 15.9	13.0 19.6
71 29.8	23.5 35.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion: 136	Resp: 131815
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 6.8	5.9 8.9
68 5.8	5.0 7.6

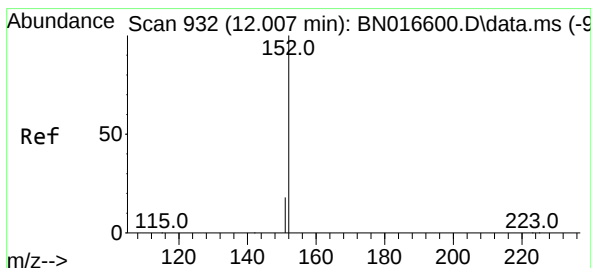
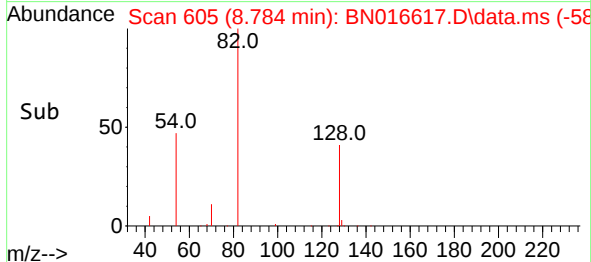
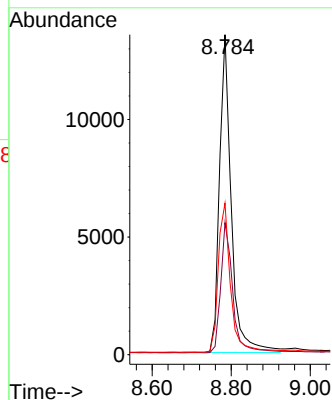
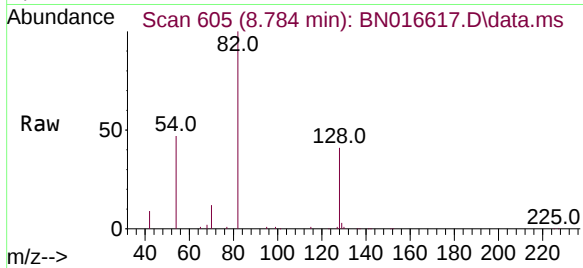




#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

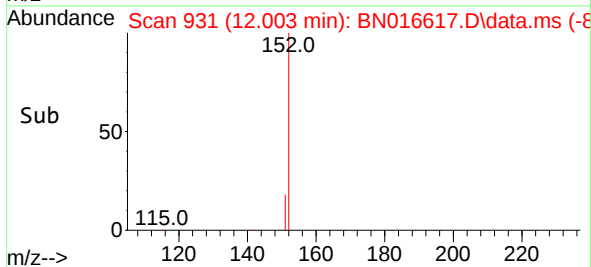
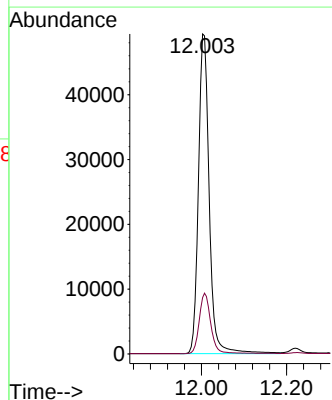
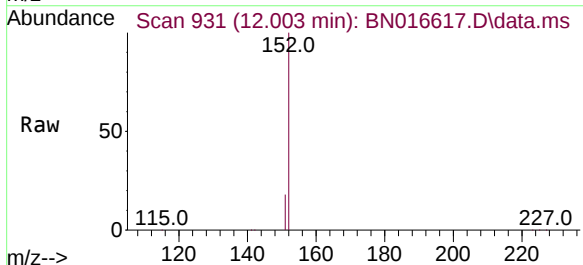
Instrument :
BNA_N
ClientSampleId :
PB139443BL

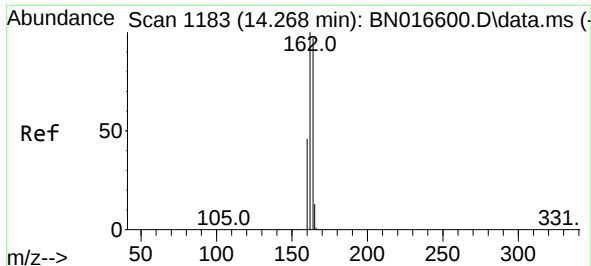
Tgt Ion: 82 Resp: 27890
Ion Ratio Lower Upper
82 100
128 41.2 33.6 50.4
54 47.3 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.445 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion: 152 Resp: 86785
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

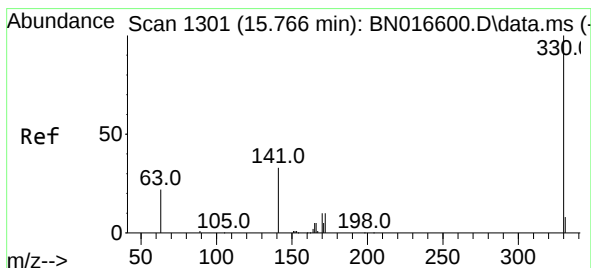
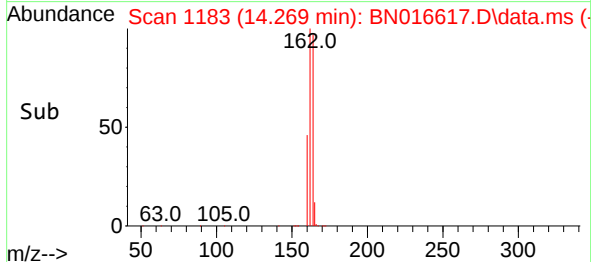
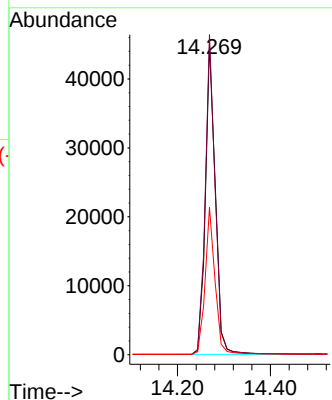
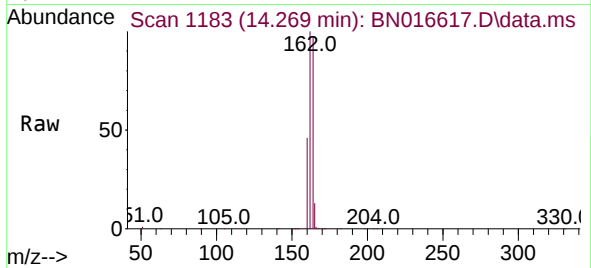




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

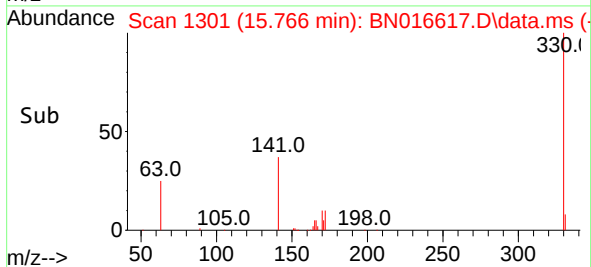
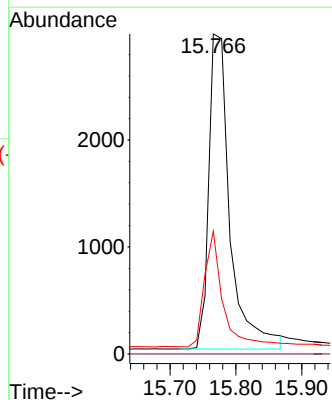
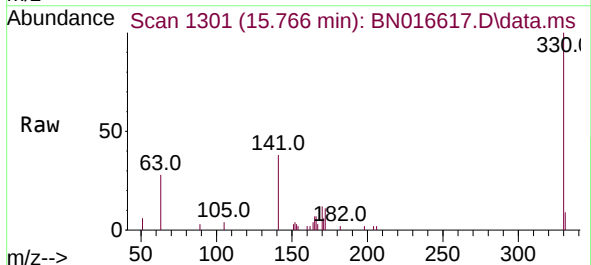
Instrument :
BNA_N
ClientSampleId :
PB139443BL

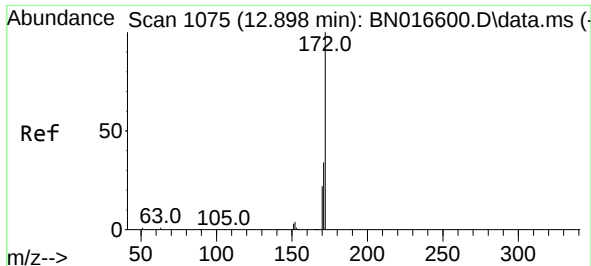
Tgt Ion:164 Resp: 67605
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.2
160 47.5 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion:330 Resp: 6599
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.0 25.2 37.8

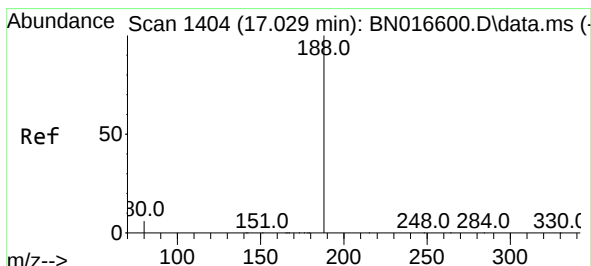
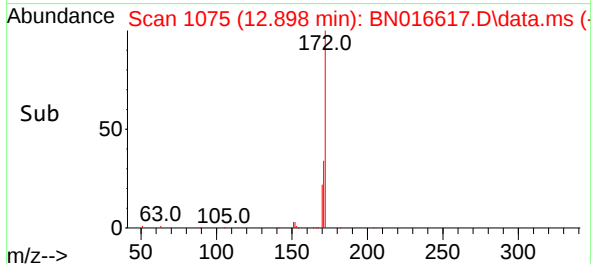
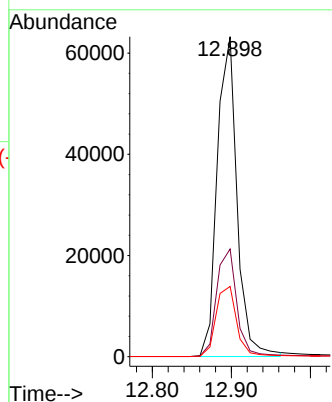
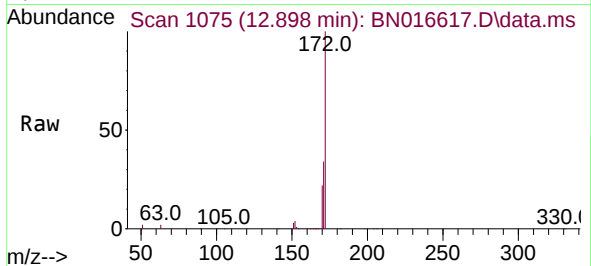




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

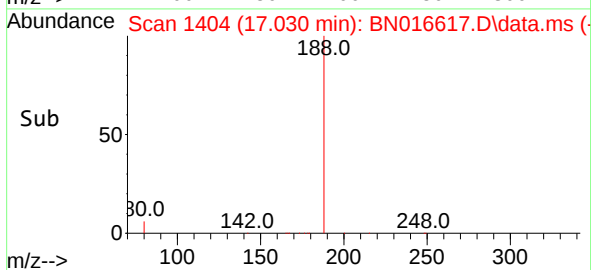
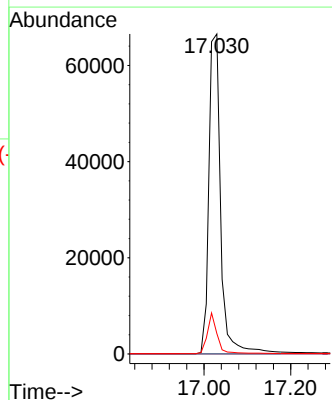
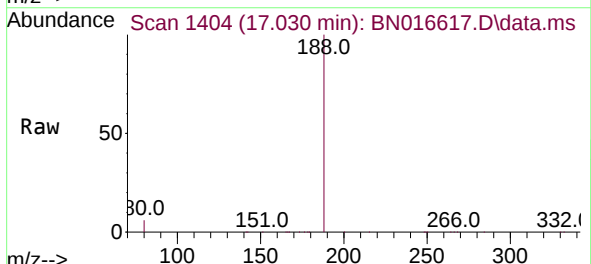
Instrument :
BNA_N
ClientSampleId :
PB139443BL

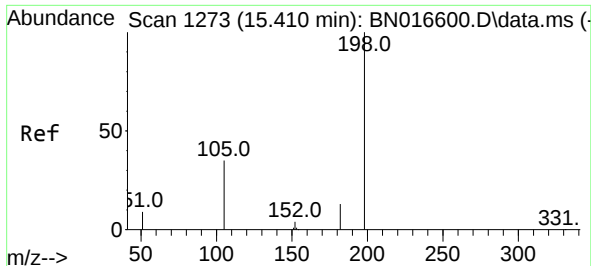
Tgt Ion:	172	Resp:	109910
Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.0	40.4
170	21.9	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion:	188	Resp:	125504
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	5.0	7.6

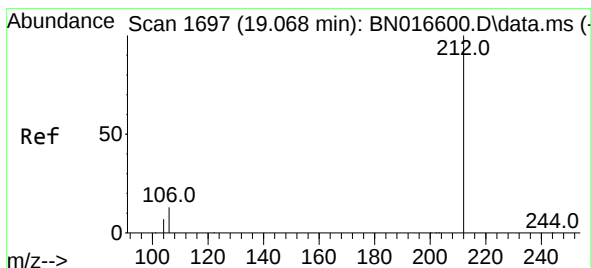
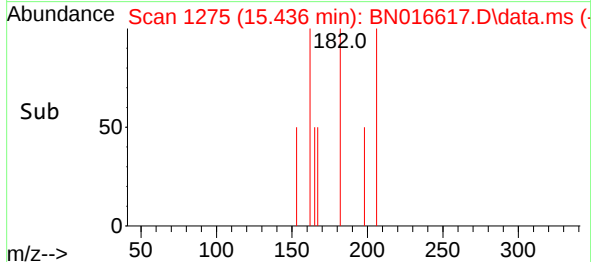
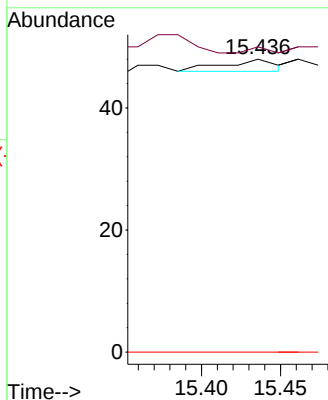
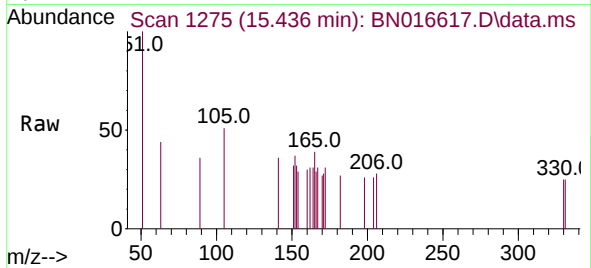




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.026 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

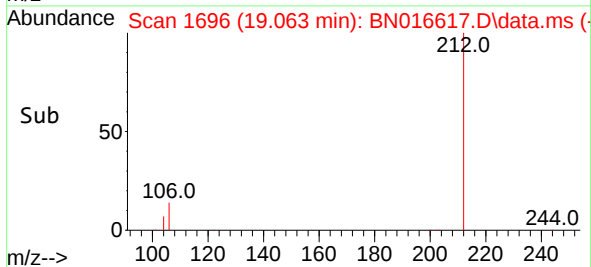
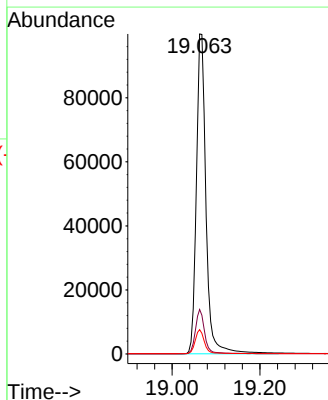
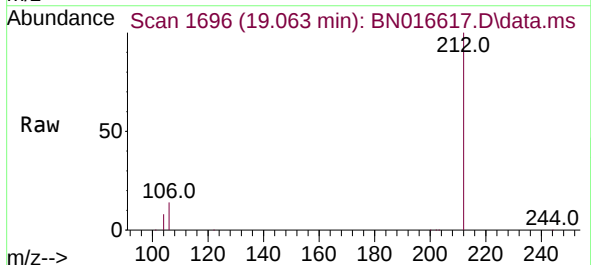
Instrument :
BNA_N
ClientSampleId :
PB139443BL

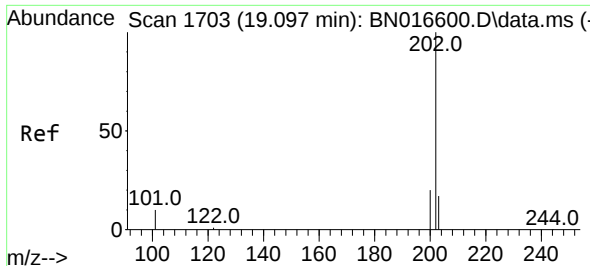
Tgt Ion:	198	Resp:	5
Ion Ratio	100	Lower	Upper
198	100		
182	104.2	11.8	17.8#
77	0.0	0.0	0.0



#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion:	212	Resp:	152079
Ion Ratio	100	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.3	5.9	8.9

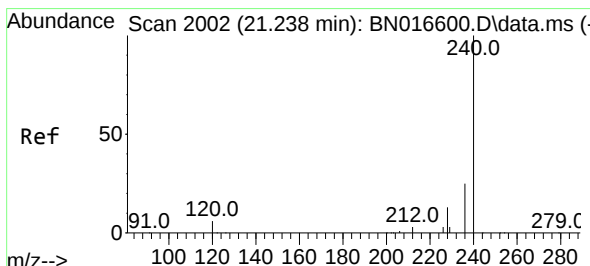
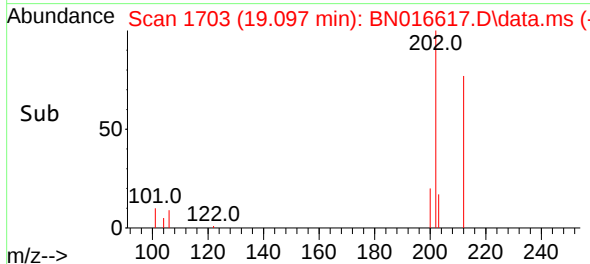
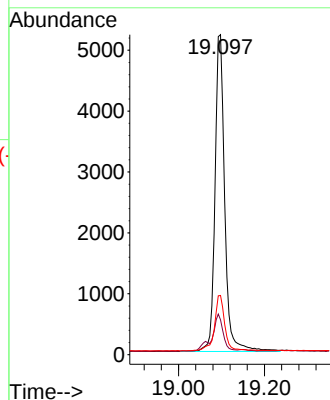
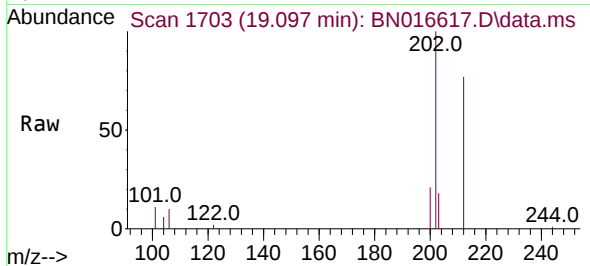




#28
Fluoranthene
Concen: 0.020 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

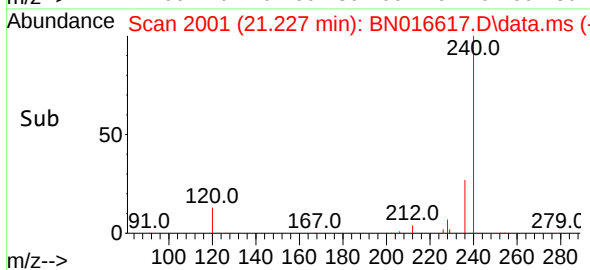
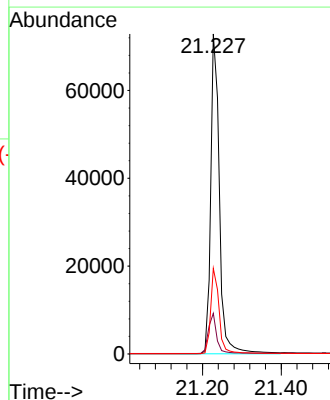
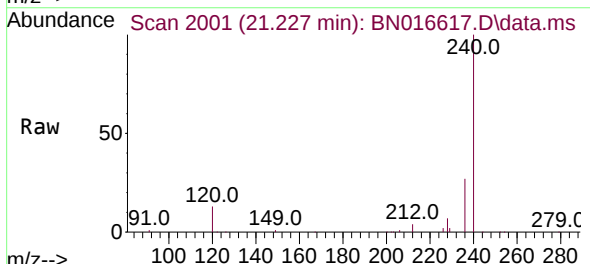
Instrument :
BNA_N
ClientSampleId :
PB139443BL

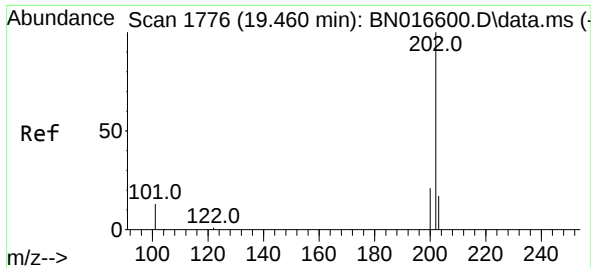
Tgt Ion:	202	Resp:	8199
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.0	13.4
203	18.4	13.8	20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion:	240	Resp:	111729
Ion Ratio	Lower	Upper	
240	100		
120	12.7	5.0	7.4#
236	26.8	20.4	30.6

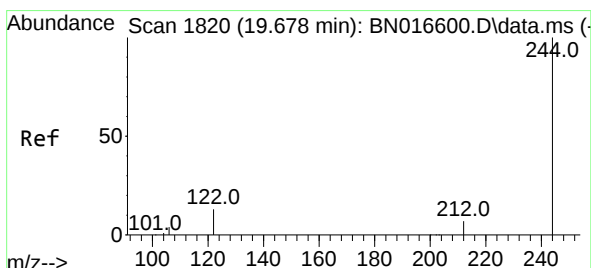
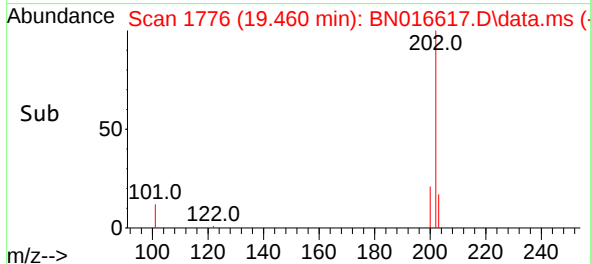
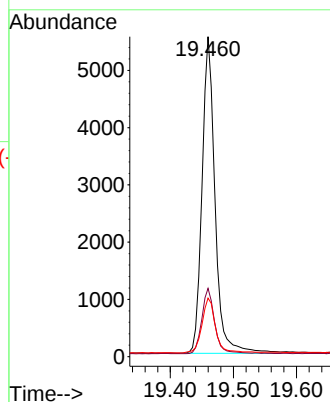
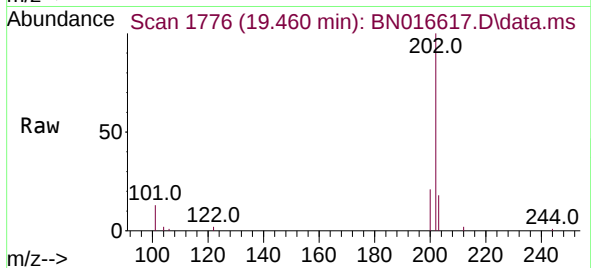




#30
Pyrene
Concen: 0.022 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

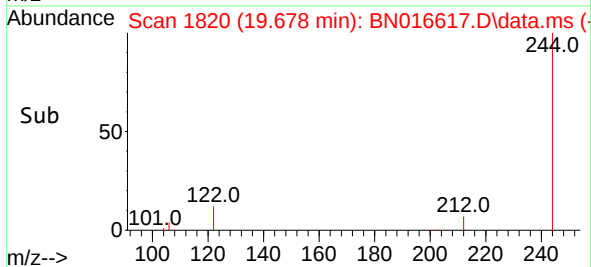
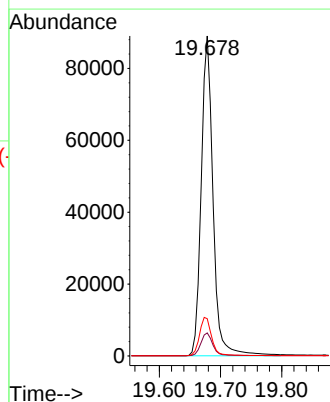
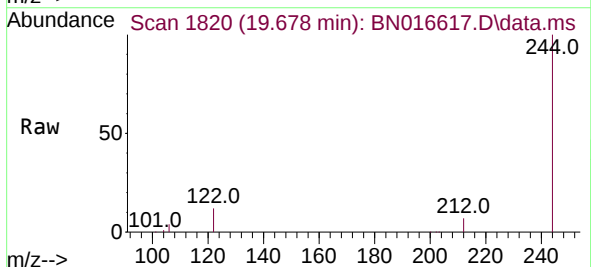
Instrument :
BNA_N
ClientSampleId :
PB139443BL

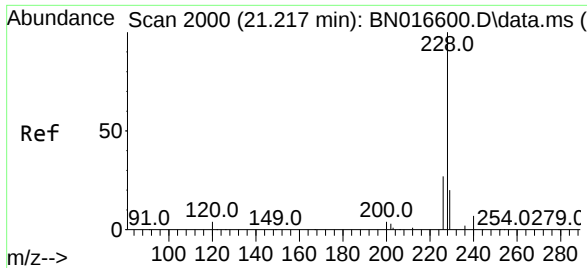
Tgt Ion:	202	Resp:	7915
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.5	24.7
203	18.0	14.0	21.0



#31
Terphenyl-d14
Concen: 0.492 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion:	244	Resp:	119414
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	11.7	10.1	15.1

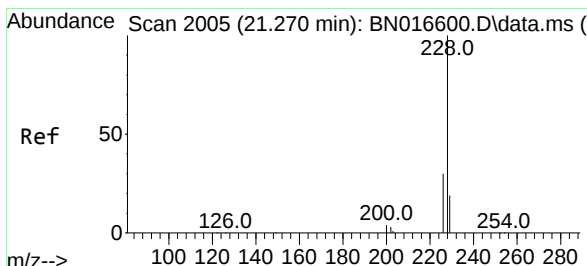
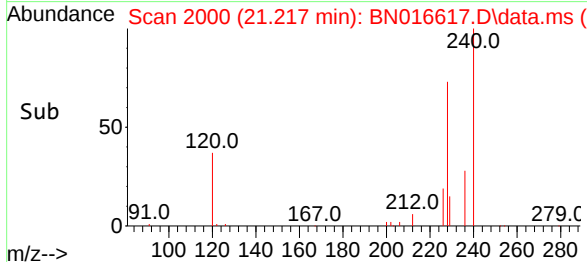
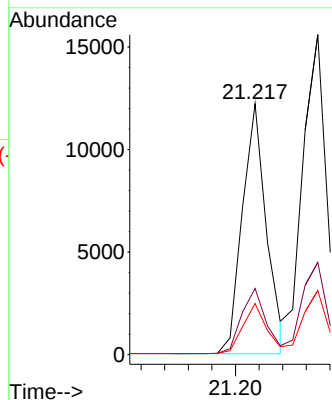
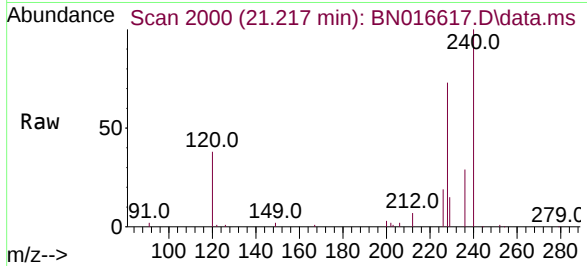




#32
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

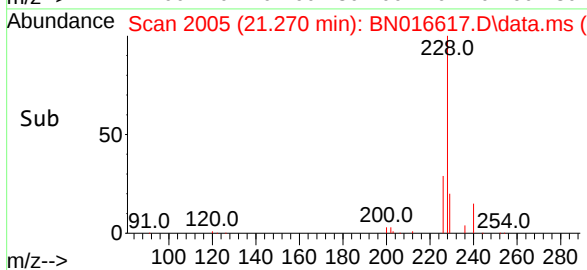
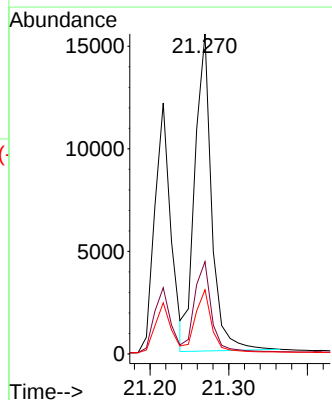
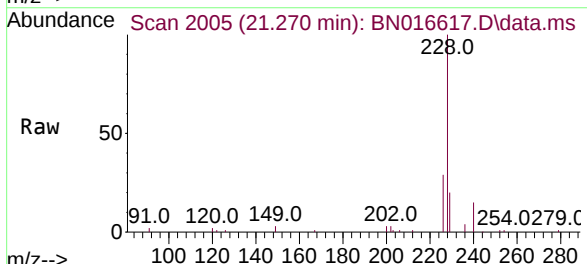
Instrument :
BNA_N
ClientSampleId :
PB139443BL

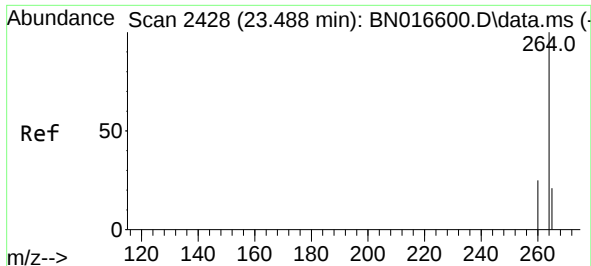
Tgt Ion:228	Resp:	17281
Ion Ratio	Lower	Upper
228	100	
226	26.4	21.9 32.9
229	20.4	15.7 23.5



#33
Chrysene
Concen: 0.066 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

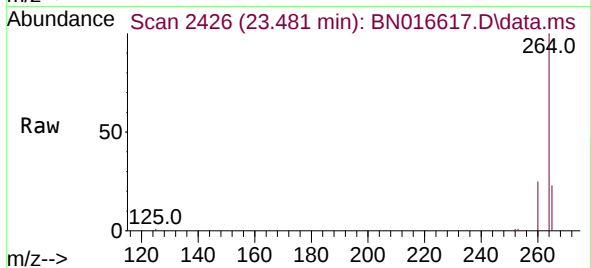
Tgt Ion:228	Resp:	22858
Ion Ratio	Lower	Upper
228	100	
226	28.9	23.7 35.5
229	20.0	15.5 23.3





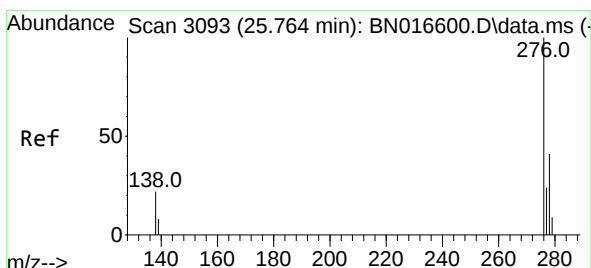
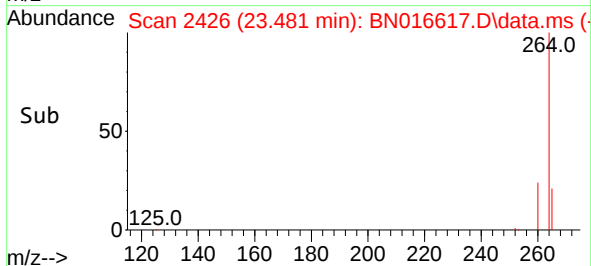
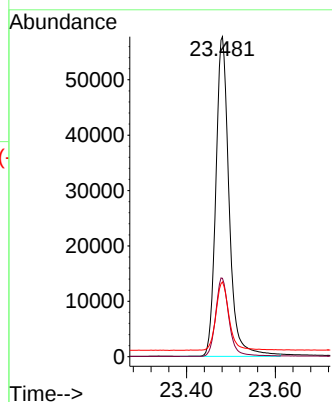
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016617.D
 Acq: 01 Oct 2021 03:00

Instrument :
 BNA_N
 ClientSampleId :
 PB139443BL



Tgt Ion:264 Resp: 119786

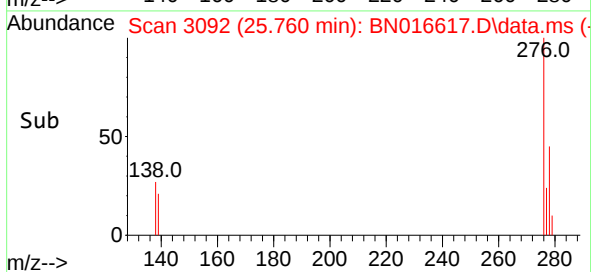
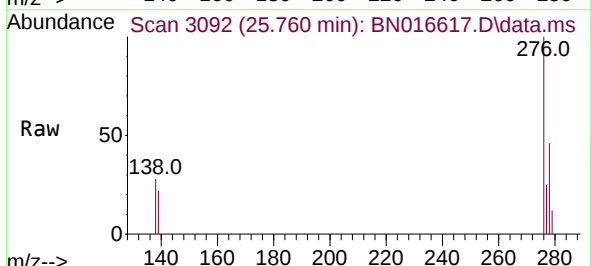
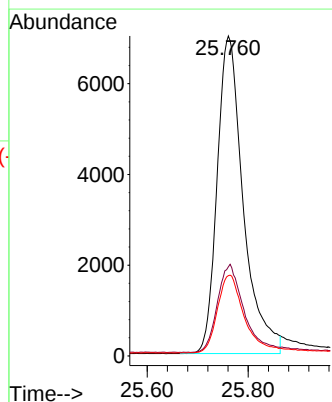
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	23.4	19.2	28.8

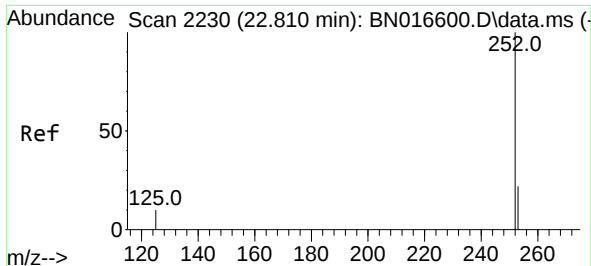


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.059 ng
 RT: 25.760 min Scan# 3092
 Delta R.T. -0.003 min
 Lab File: BN016617.D
 Acq: 01 Oct 2021 03:00

Tgt Ion:276 Resp: 25137

Ion	Ratio	Lower	Upper
276	100		
138	28.3	19.5	29.3
277	25.0	19.9	29.9

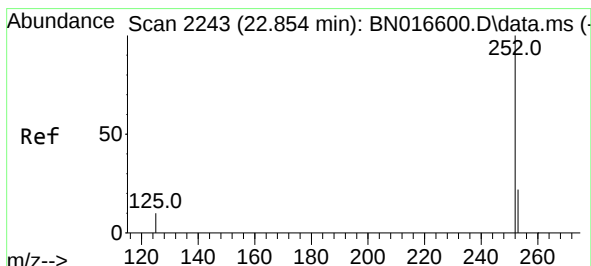
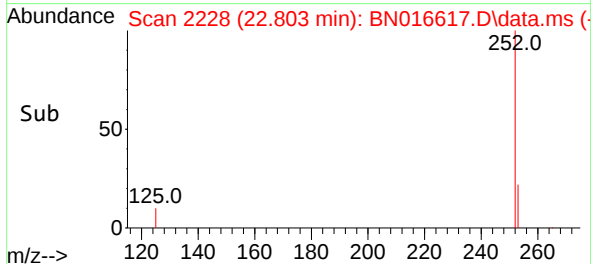
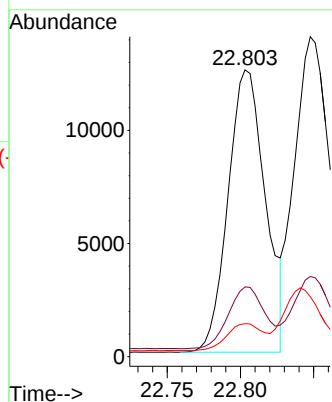
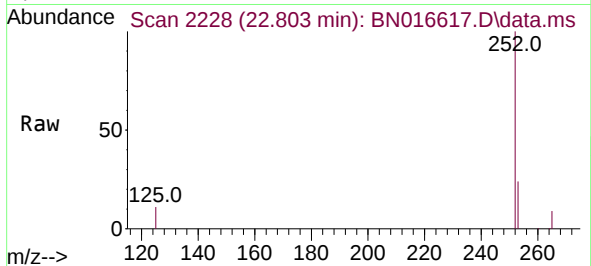




#37
Benzo(b)fluoranthene
Concen: 0.057 ng
RT: 22.803 min Scan# 2228
Delta R.T. -0.007 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

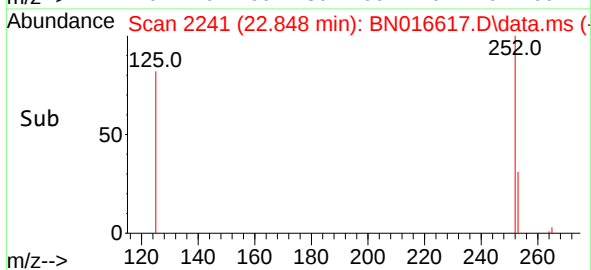
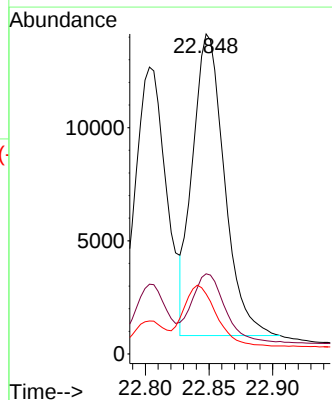
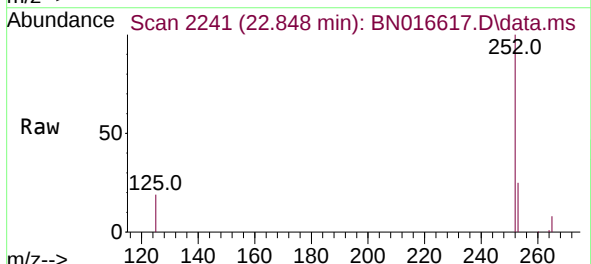
Instrument :
BNA_N
ClientSampleId :
PB139443BL

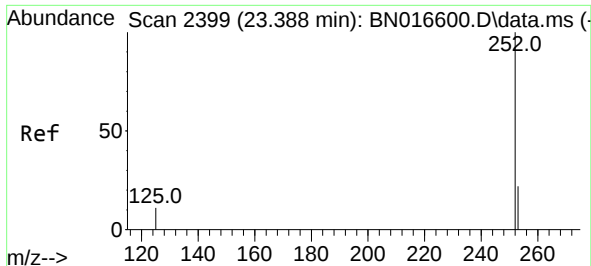
Tgt Ion:252 Resp: 22083
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 11.5 8.0 12.0



#38
Benzo(k)fluoranthene
Concen: 0.061 ng
RT: 22.848 min Scan# 2241
Delta R.T. -0.007 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Tgt Ion:252 Resp: 23176
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 18.7 8.0 12.0#

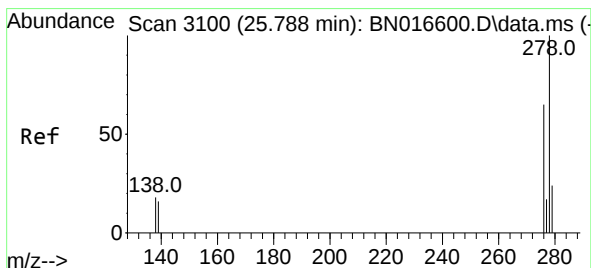
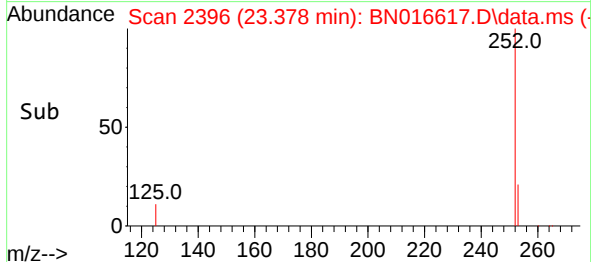
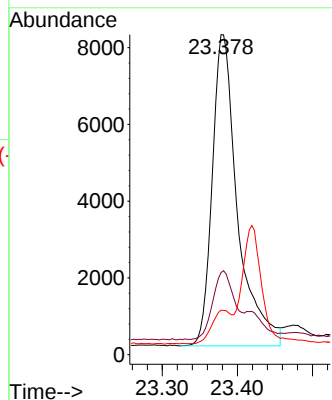
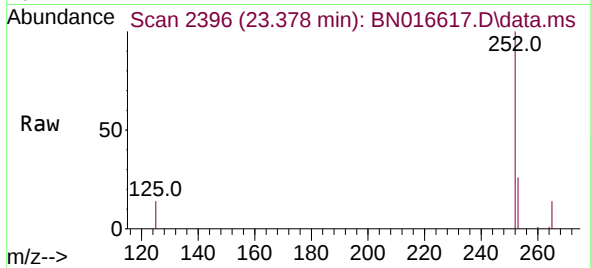




#39
Benzo(a)pyrene
Concen: 0.056 ng
RT: 23.378 min Scan# 2396
Delta R.T. -0.010 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

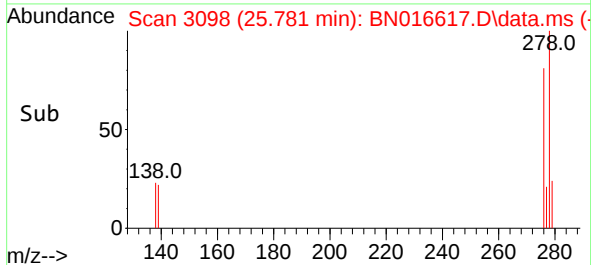
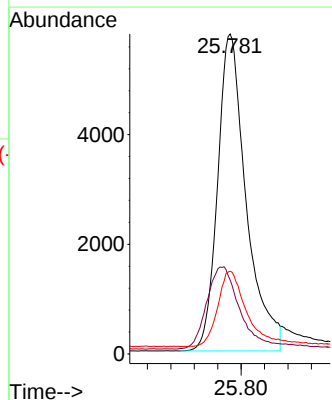
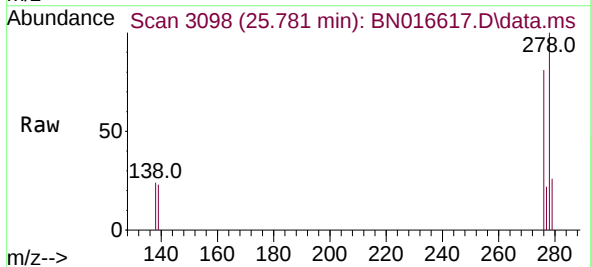
Instrument :
BNA_N
ClientSampleId :
PB139443BL

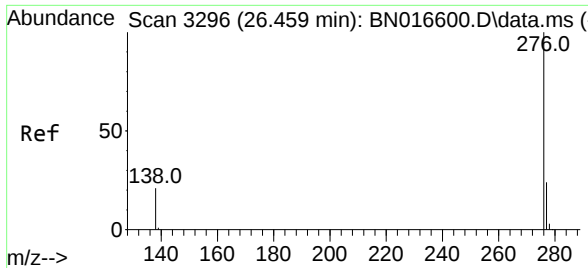
Tgt Ion:252 Resp: 19031
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.8
125 13.9 9.0 13.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.057 ng
RT: 25.781 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

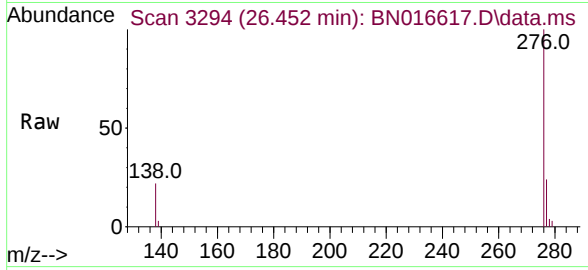
Tgt Ion:278 Resp: 19549
Ion Ratio Lower Upper
278 100
139 23.1 13.1 19.7#
279 25.9 19.1 28.7





#41
Benzo(g,h,i)perylene
Concen: 0.055 ng
RT: 26.452 min Scan# 3294
Delta R.T. -0.007 min
Lab File: BN016617.D
Acq: 01 Oct 2021 03:00

Instrument :
BNA_N
ClientSampleId :
PB139443BL



Tgt Ion:	276	Resp:	20934
Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	21.8	16.9	25.3

