

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016655.D
 Acq On : 02 Oct 2021 04:34
 Operator : CG/JU
 Sample : M3829-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 02 05:41:54 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)

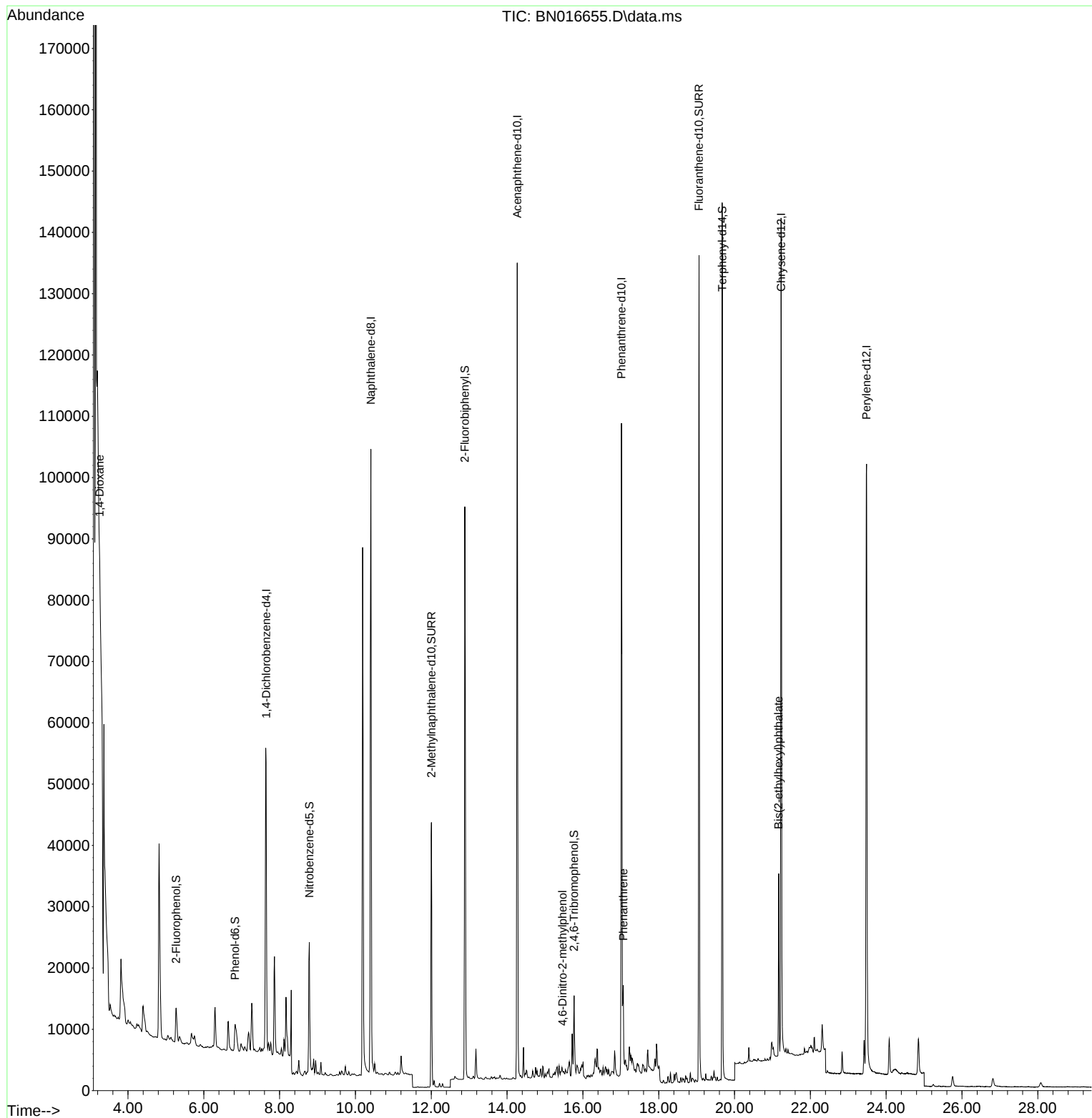
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	30136	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	138042	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	73232	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	143961	0.400	ng	#-0.01
29) Chrysene-d12	21.228	240	133474	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	137646	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7907	0.103	ng	0.02
5) Phenol-d6	6.822	99	4804	0.057	ng	0.00
8) Nitrobenzene-d5	8.785	82	21177	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	58966	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9929	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	85090	0.287	ng	-0.01
27) Fluoranthene-d10	19.063	212	150958	0.394	ng	0.00
31) Terphenyl-d14	19.674	244	143659	0.495	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	2836	0.204	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.461	198	22	0.138	ng	# 1
25) Phenanthrene	17.066	178	15966	0.037	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.164	149	27221	0.167	ng	99

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

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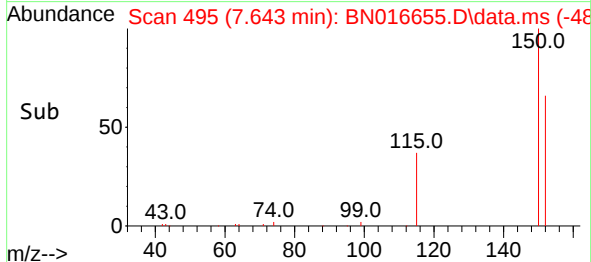
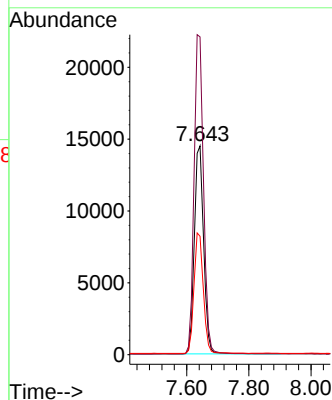
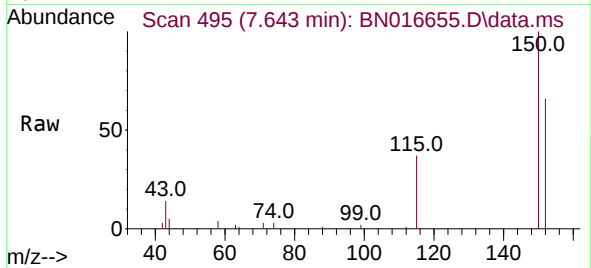




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.643 min Scan# 495
 Delta R.T. 0.001 min
 Lab File: BN016655.D
 Acq: 02 Oct 2021 04:34

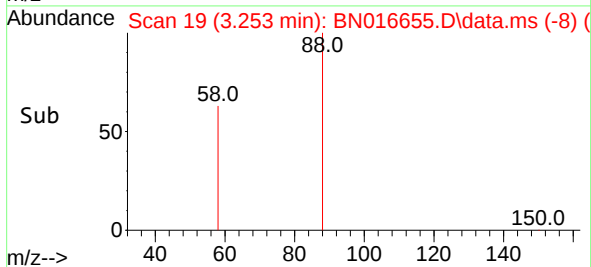
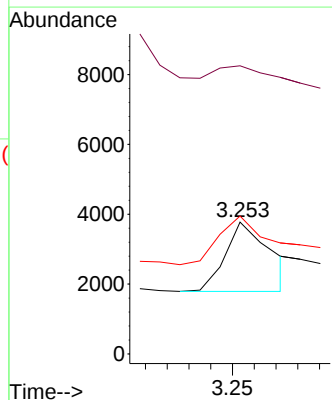
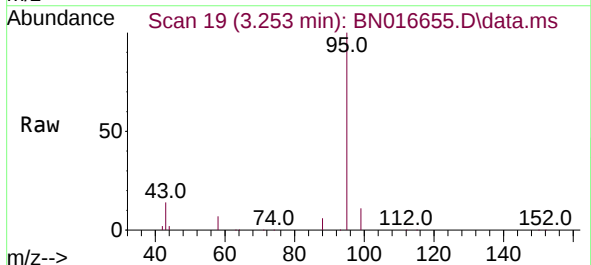
Instrument :
 BNA_N
 ClientSampleId :

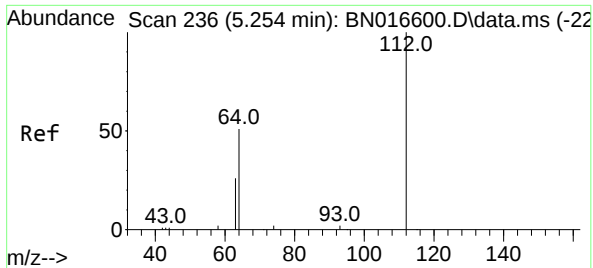
Tgt Ion:152 Resp: 30136
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.6 186.8
 115 56.7 46.5 69.7



#2
 1,4-Dioxane
 Concen: 0.204 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016655.D
 Acq: 02 Oct 2021 04:34

Tgt Ion: 88 Resp: 2836
 Ion Ratio Lower Upper
 88 100
 43 16.1 37.8 56.8#
 58 73.9 61.3 91.9

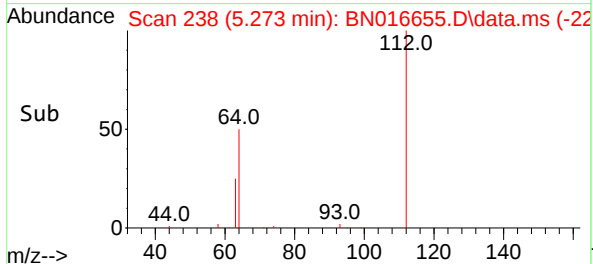
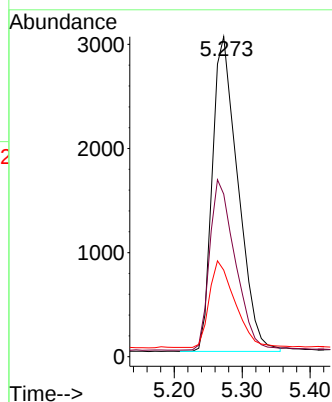
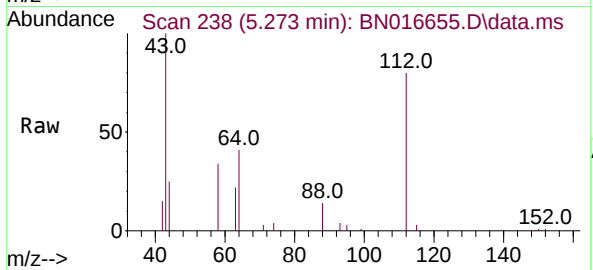




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

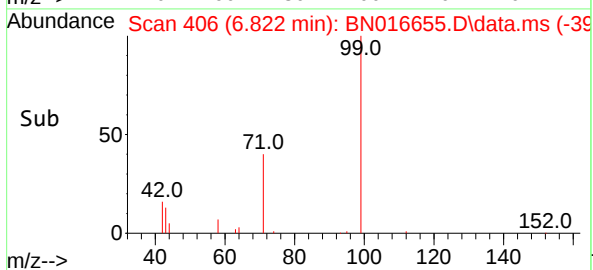
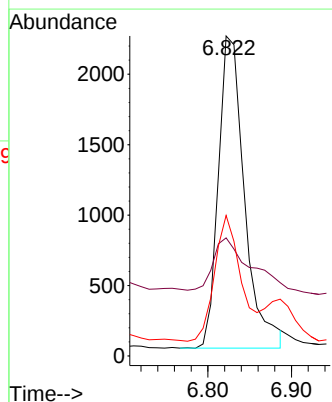
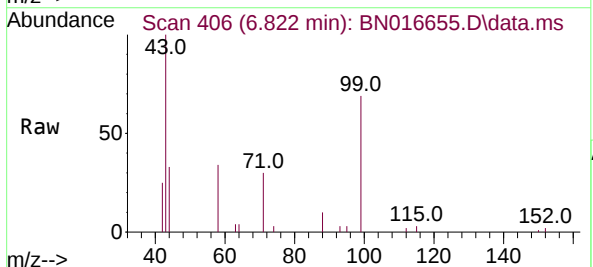
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 7907
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.6 21.6 32.4



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

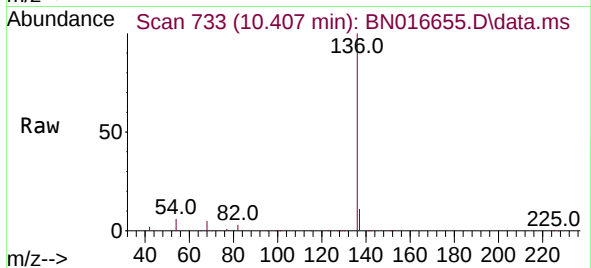
Tgt Ion: 99 Resp: 4804
Ion Ratio Lower Upper
99 100
42 22.8 13.0 19.6#
71 40.8 23.5 35.3#



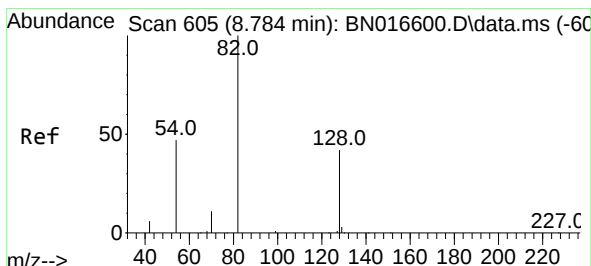
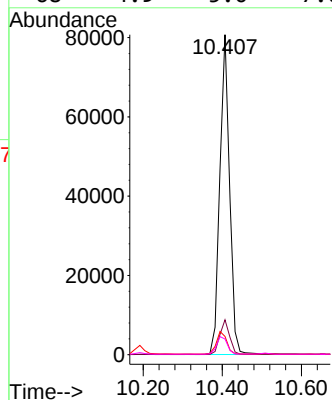
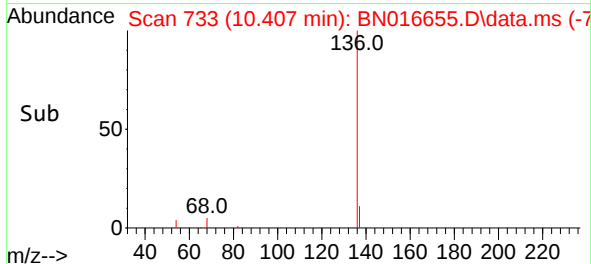


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

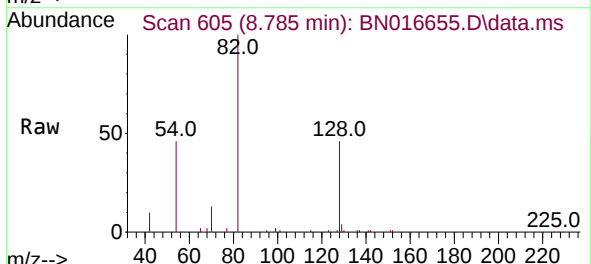
Instrument :
BNA_N
ClientSampleId :



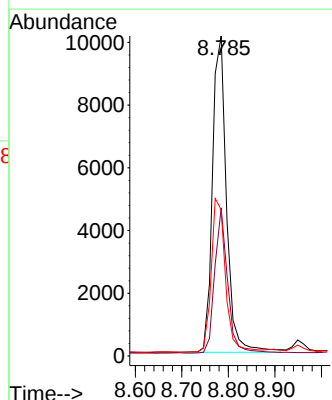
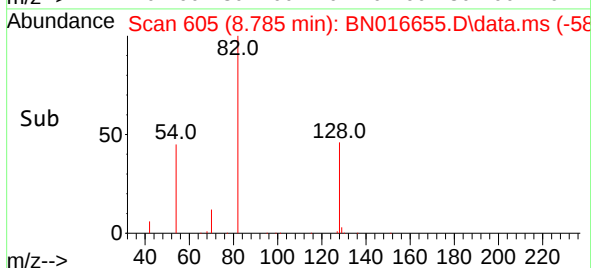
Tgt Ion:136	Resp:	138042
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	5.7	5.9 8.9#
68	4.9	5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34



Tgt Ion: 82	Resp:	21177
Ion Ratio	Lower	Upper
82	100	
128	46.2	33.6 50.4
54	45.8	37.6 56.4

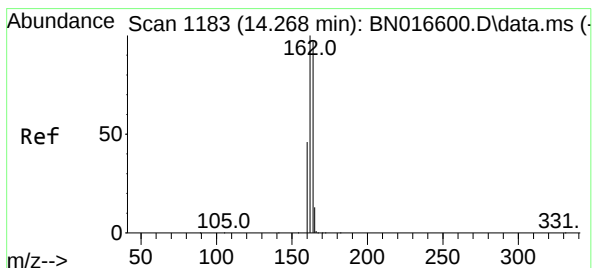
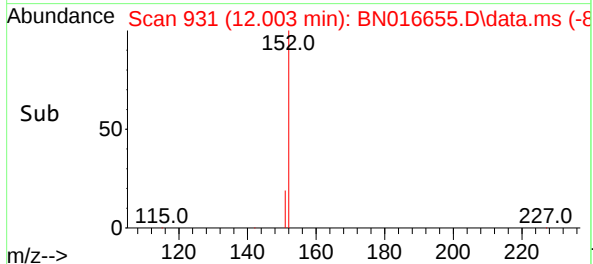
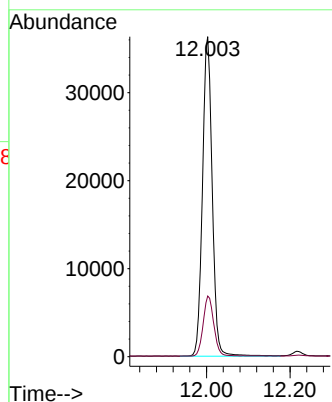
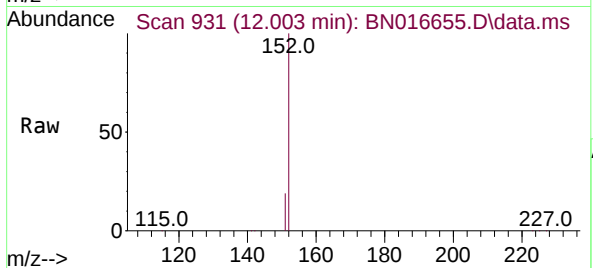




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

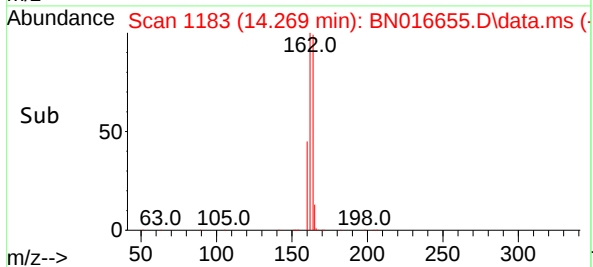
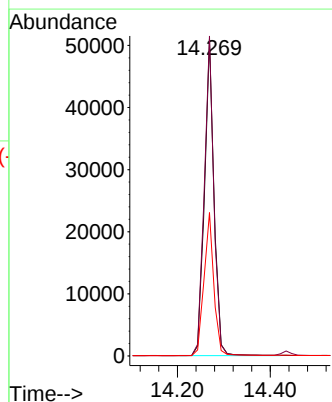
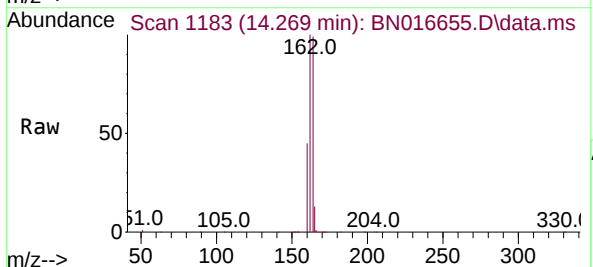
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 58966
Ion Ratio Lower Upper
152 100
151 20.5 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: BN016655.D
Acq: 02 Oct 2021 04:34

Tgt Ion:164 Resp: 73232
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 45.3 37.7 56.5

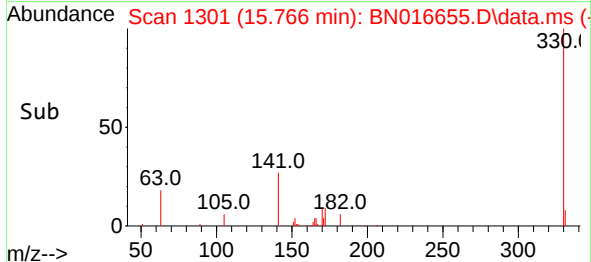
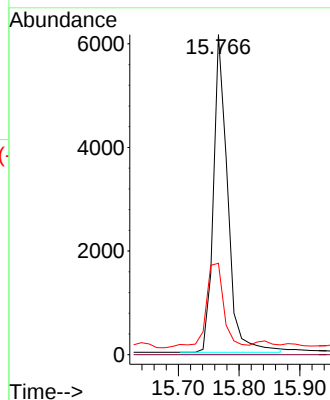
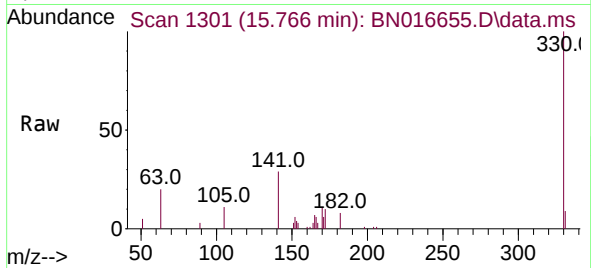




#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

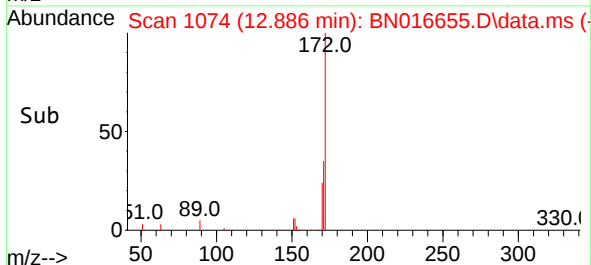
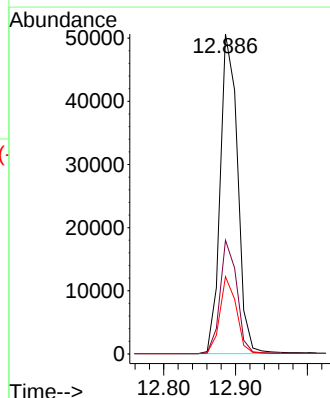
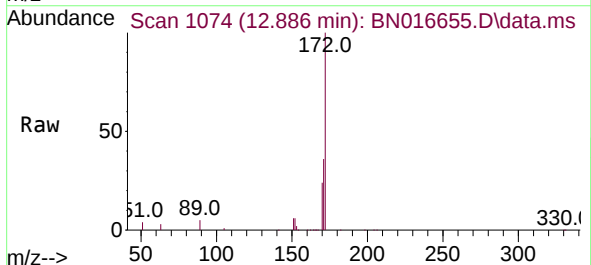
Instrument :
BNA_N
ClientSampleId :

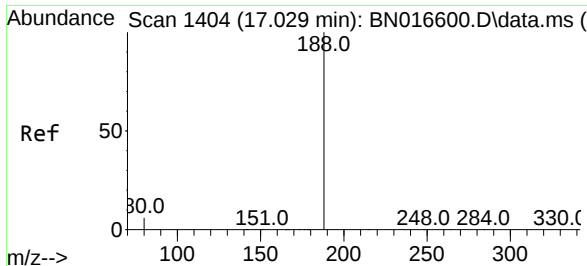
Tgt Ion:330 Resp: 9929
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

Tgt Ion:172 Resp: 85090
Ion Ratio Lower Upper
172 100
171 35.5 27.0 40.4
170 24.1 17.4 26.2

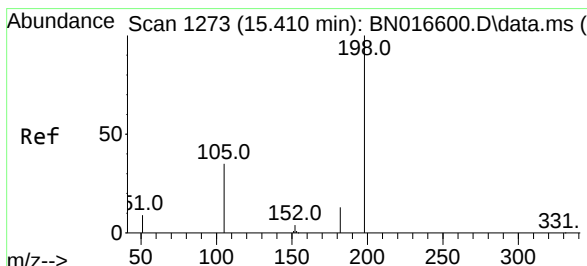
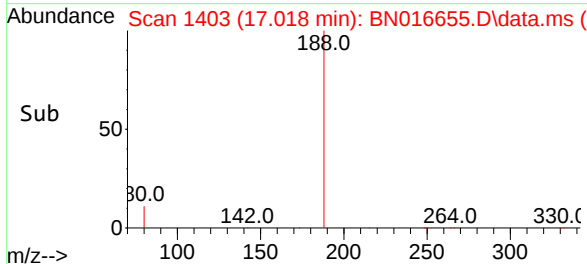
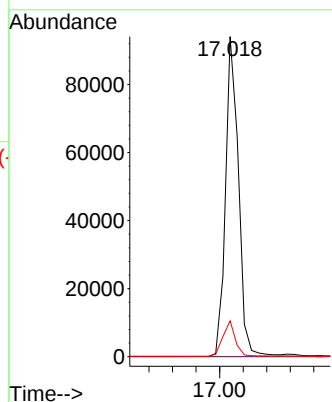
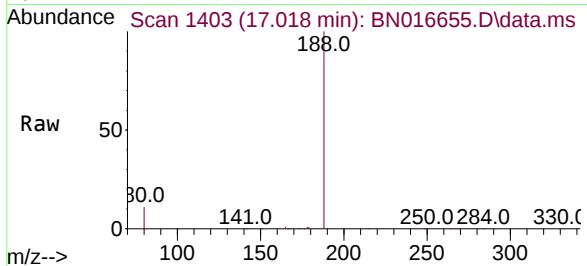




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

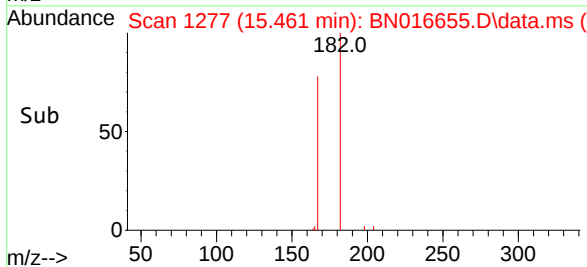
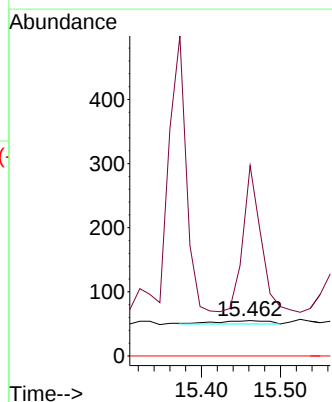
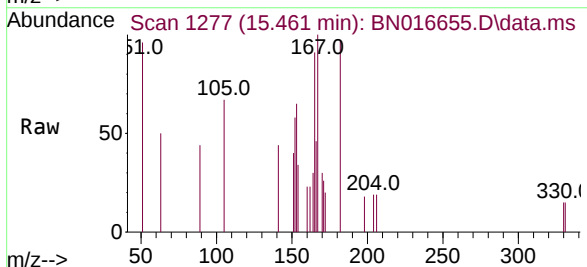
Instrument :
BNA_N
ClientSampled :

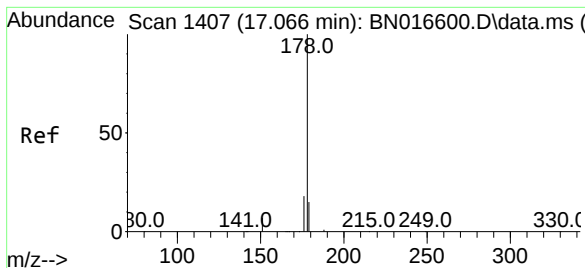
Tgt Ion:188 Resp: 143961
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.051 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
182 540.0 11.8 17.8#
77 0.0 0.0 0.0

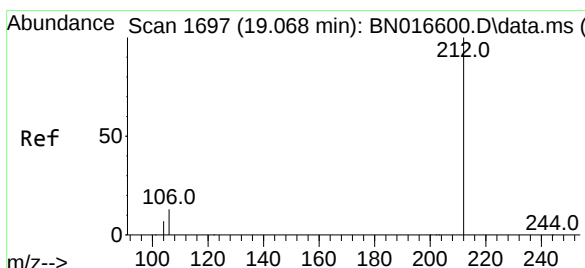
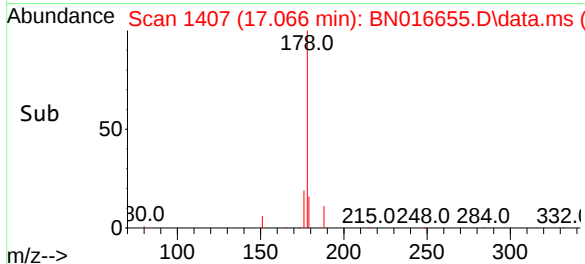
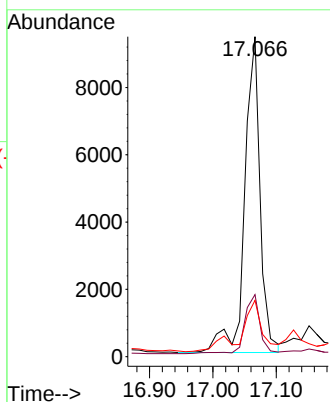
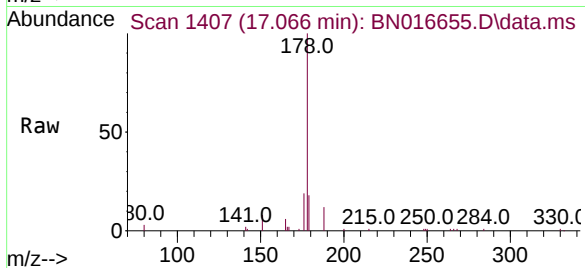




#25
Phenanthrene
Concen: 0.037 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

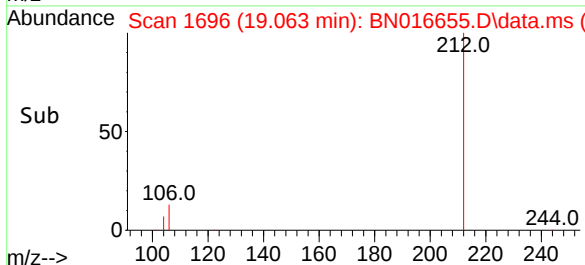
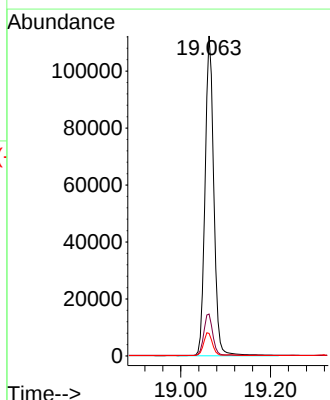
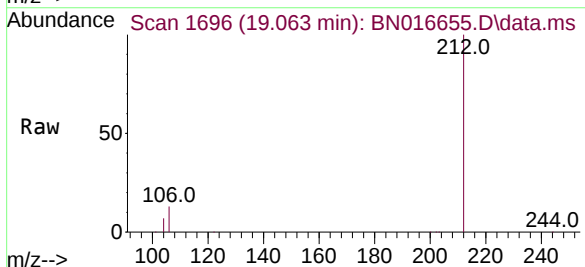
Instrument :
BNA_N
ClientSampleId :

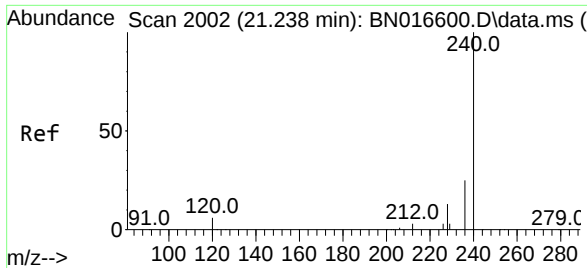
Tgt Ion:	178	Resp:	15966
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.0	22.4
179	22.4	12.2	18.4#



#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

Tgt Ion:	212	Resp:	150958
Ion Ratio	Lower	Upper	
212	100		
106	13.4	10.6	16.0
104	7.2	5.9	8.9

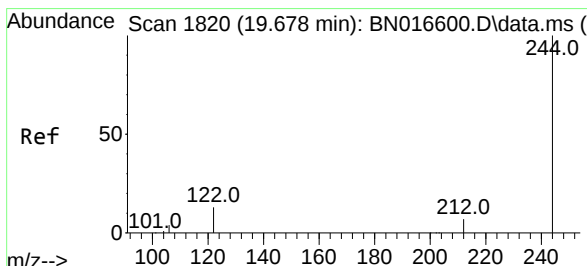
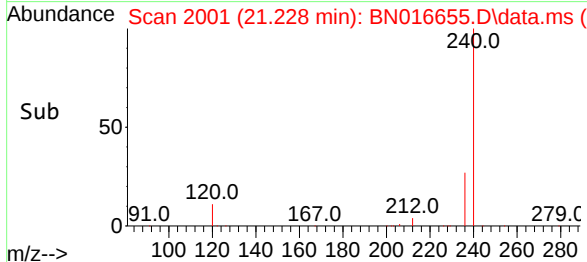
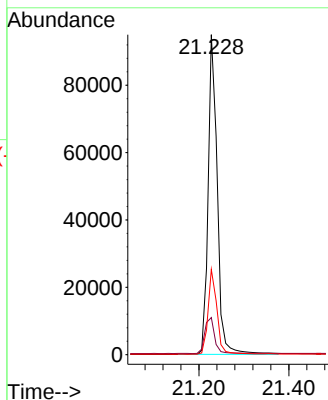
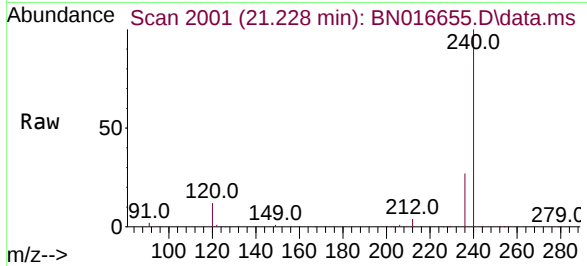




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

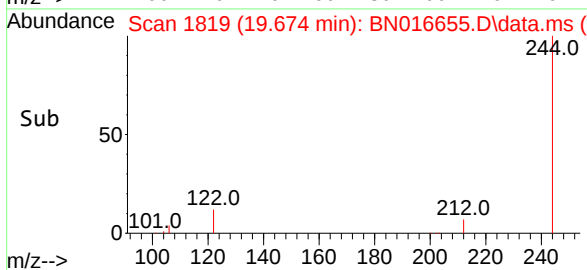
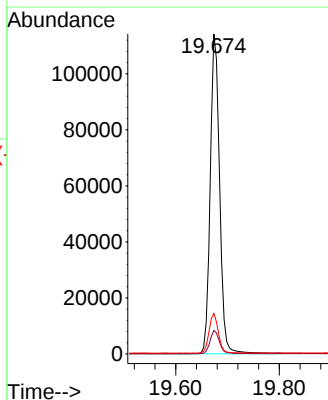
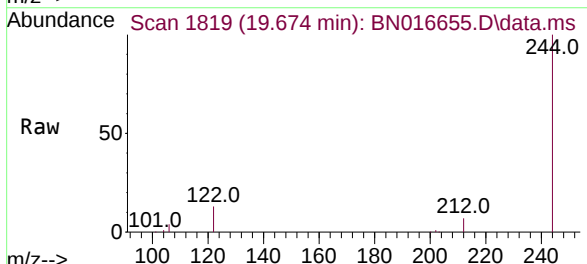
Instrument :
BNA_N
ClientSampleId :

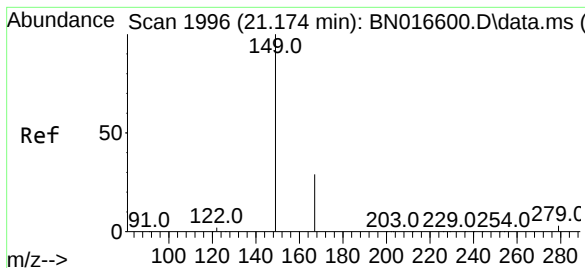
Tgt Ion:240 Resp: 133474
Ion Ratio Lower Upper
240 100
120 11.6 5.0 7.4#
236 26.6 20.4 30.6



#31
Terphenyl-d14
Concen: 0.495 ng
RT: 19.674 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN016655.D
Acq: 02 Oct 2021 04:34

Tgt Ion:244 Resp: 143659
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 12.7 10.1 15.1

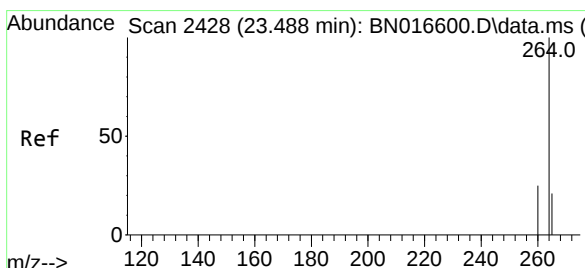
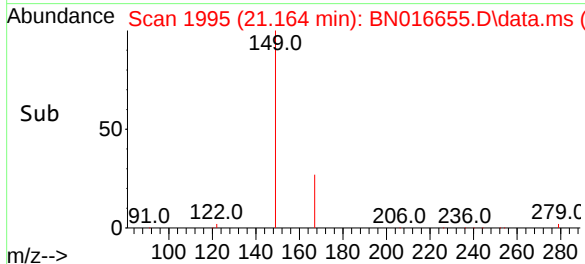
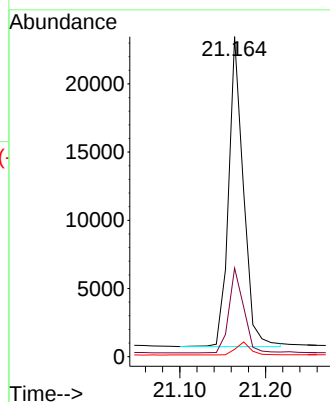
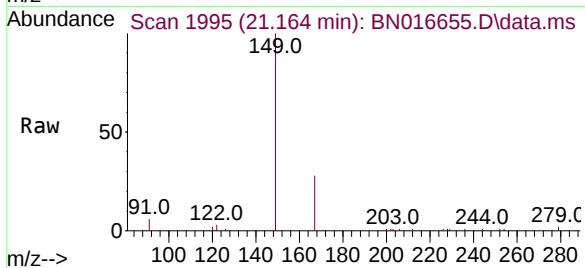




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.167 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016655.D
 Acq: 02 Oct 2021 04:34

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	149	Resp:	27221
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.2	33.4
279	4.2	3.2	4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BN016655.D
 Acq: 02 Oct 2021 04:34

Tgt Ion:	264	Resp:	137646
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.9	29.9
265	23.0	19.2	28.8

