

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016625.D
 Acq On : 01 Oct 2021 07:47
 Operator : CG/JU
 Sample : M3833-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 01 08:26:02 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)

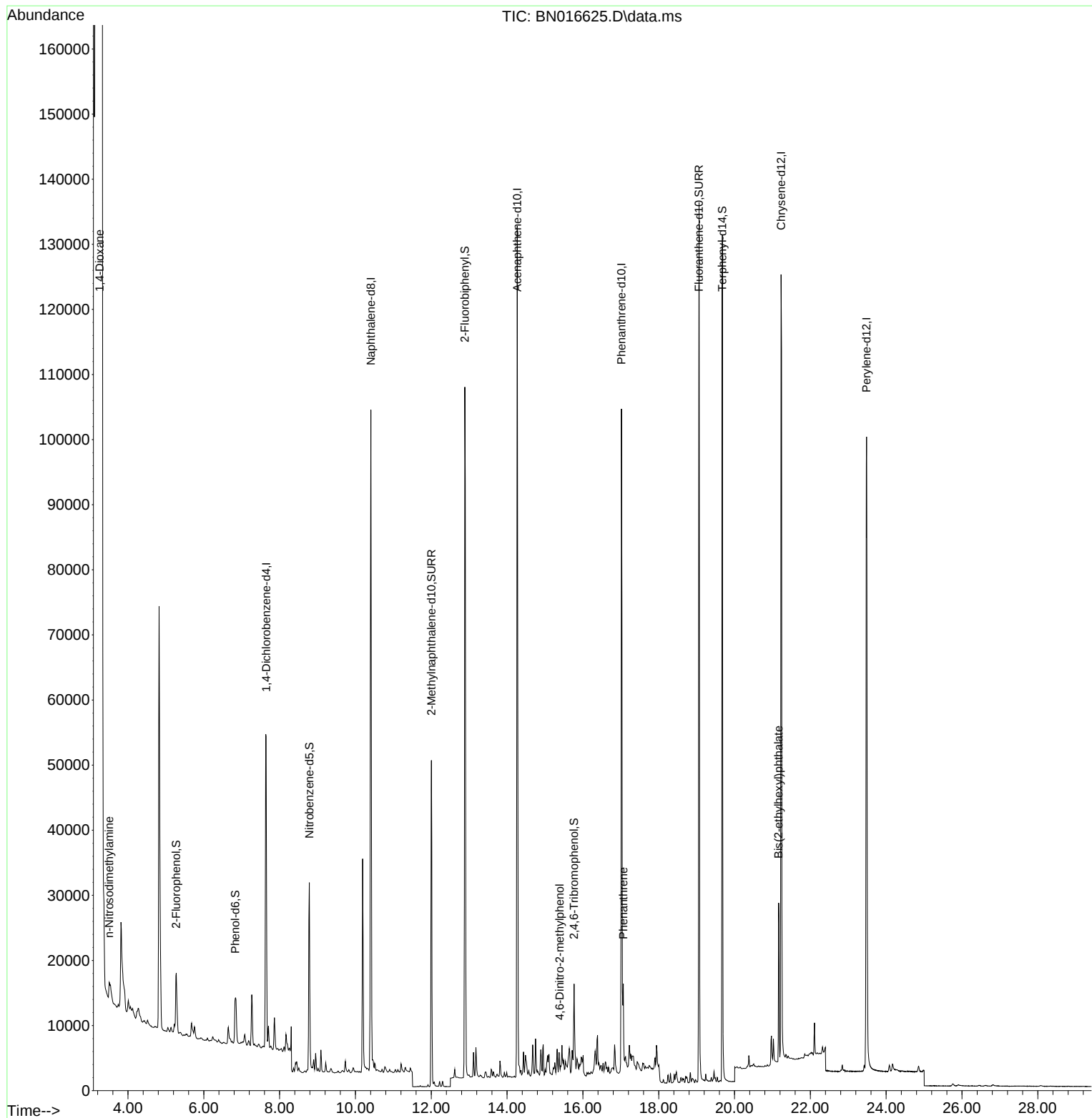
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29688	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	135739	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	72283	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	139974	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	131407	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	133934	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	12043	0.159	ng	0.02
5) Phenol-d6	6.831	99	7335	0.089	ng	0.00
8) Nitrobenzene-d5	8.784	82	27316	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	69135	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10377	0.315	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	102170	0.349	ng	-0.01
27) Fluoranthene-d10	19.063	212	151070	0.406	ng	0.00
31) Terphenyl-d14	19.679	244	131876	0.462	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	50466	3.693	ng	# 86
3) n-Nitrosodimethylamine	3.502	42	1500	0.068	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	6	0.137	ng	# 1
25) Phenanthrene	17.066	178	14289	0.034	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.164	149	25463	0.158	ng	100

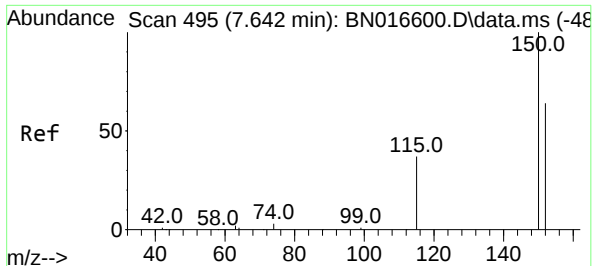
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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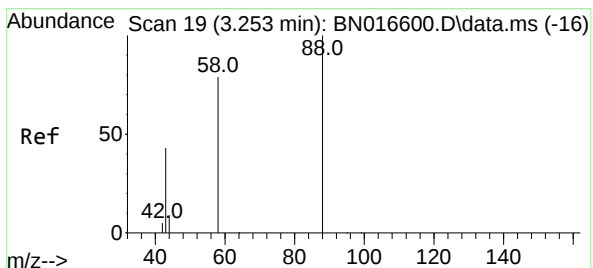
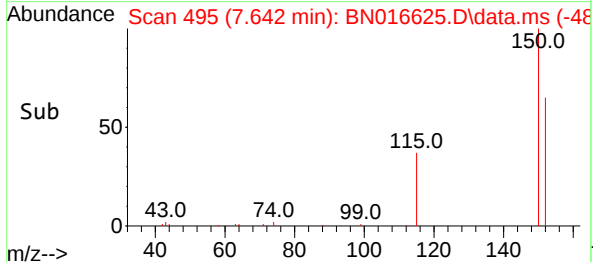
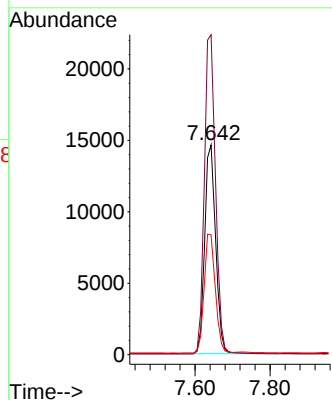
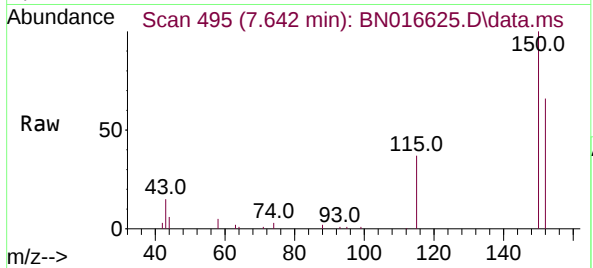




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

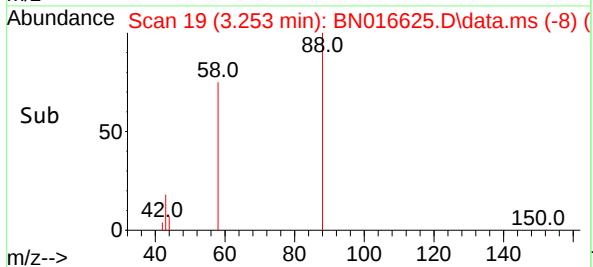
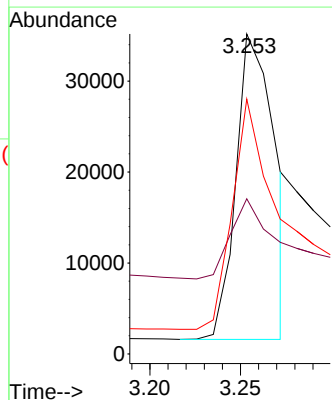
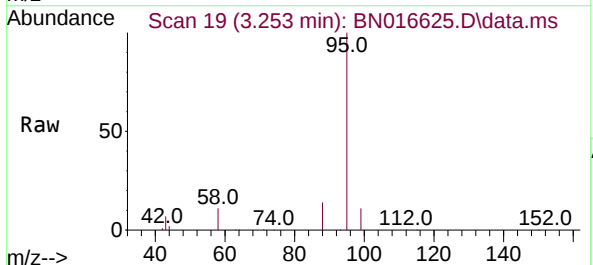
Instrument :
BNA_N
ClientSampleId :

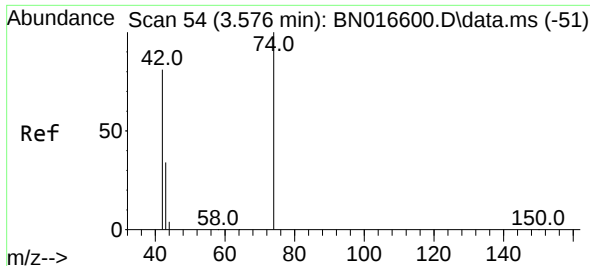
Tgt Ion:152 Resp: 29688
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 57.1 46.5 69.7



#2
1,4-Dioxane
Concen: 3.693 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

Tgt Ion: 88 Resp: 50466
Ion Ratio Lower Upper
88 100
43 26.0 37.8 56.8#
58 73.3 61.3 91.9

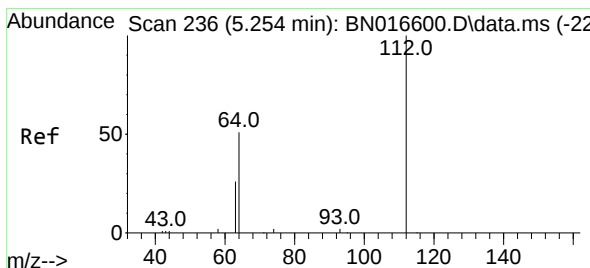
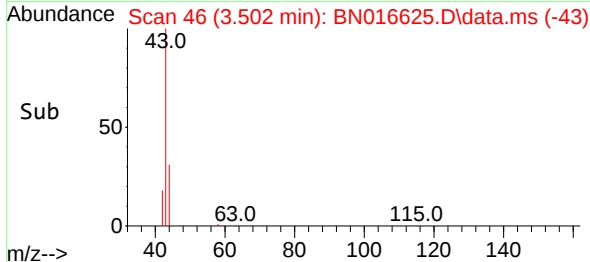
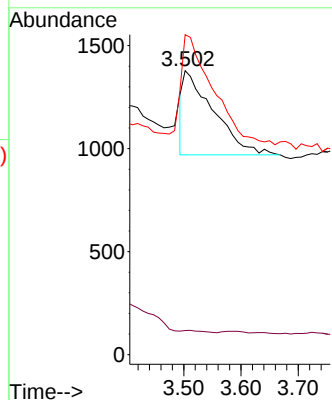
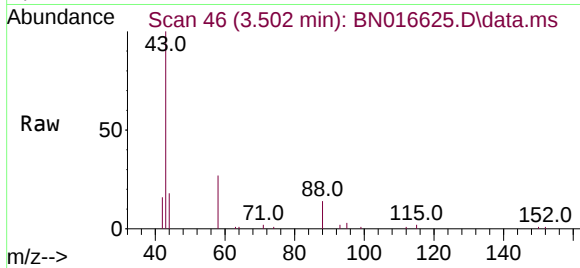




#3
n-Nitrosodimethylamine
Concen: 0.068 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

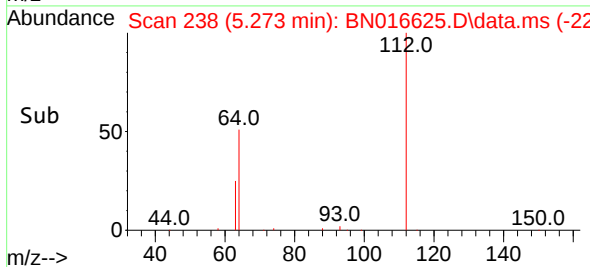
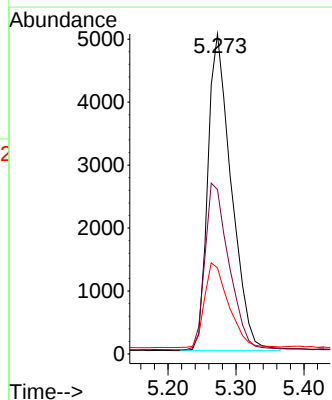
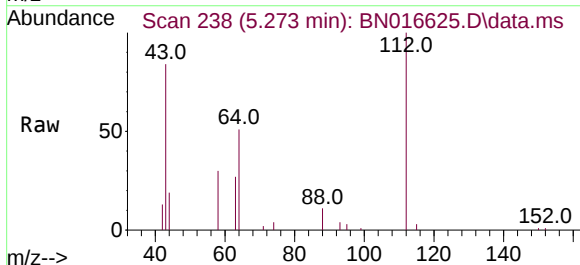
Instrument :
BNA_N
ClientSampled :

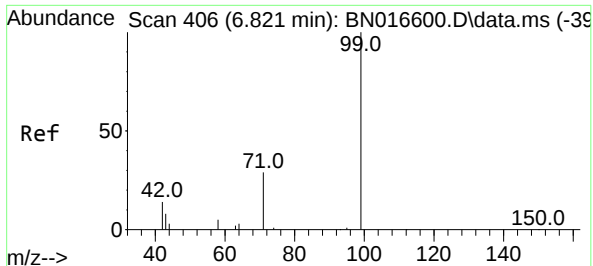
Tgt Ion: 42 Resp: 1500
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 126.8 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

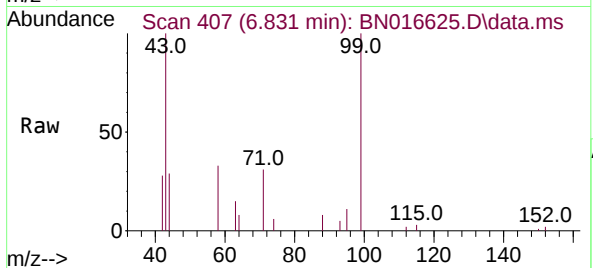
Tgt Ion: 112 Resp: 12043
Ion Ratio Lower Upper
112 100
64 53.9 43.1 64.7
63 27.7 21.6 32.4



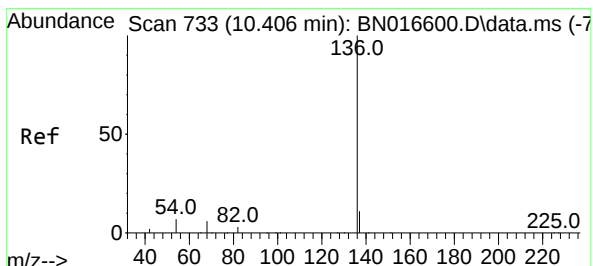
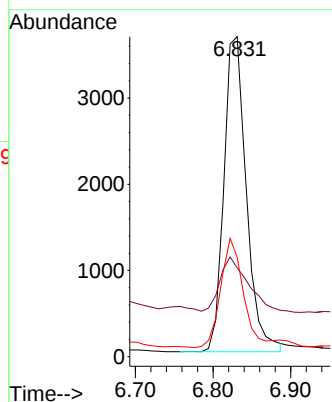
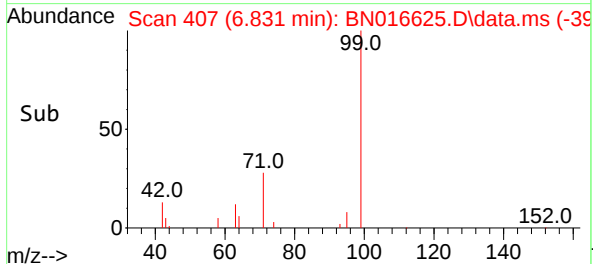


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

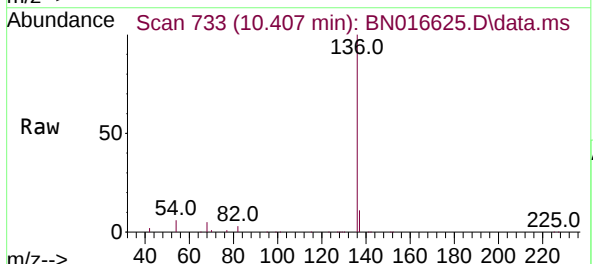
Instrument :
BNA_N
ClientSampleId :



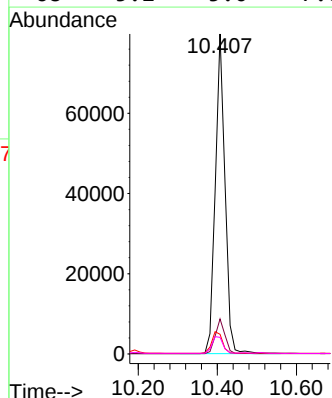
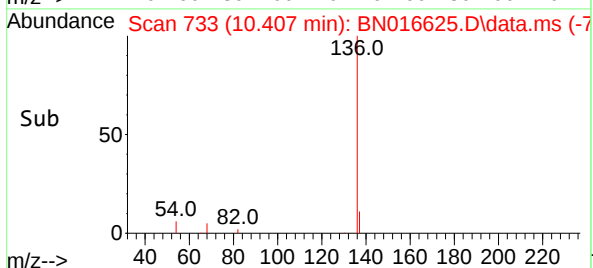
Tgt Ion: 99 Resp: 7335
Ion Ratio Lower Upper
99 100
42 21.0 13.0 19.6#
71 35.2 23.5 35.3

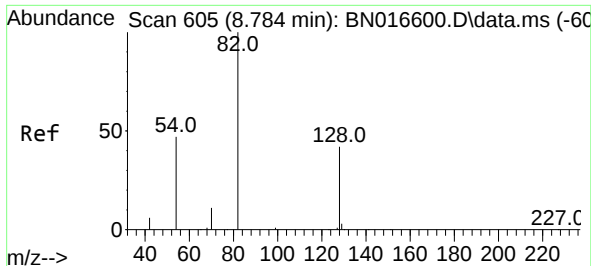


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion: 136 Resp: 135739
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.2 5.9 8.9
68 5.2 5.0 7.6

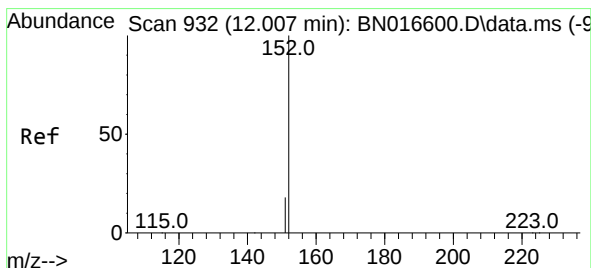
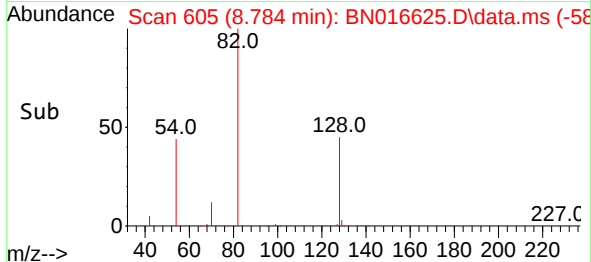
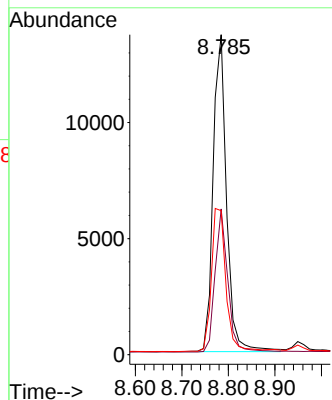
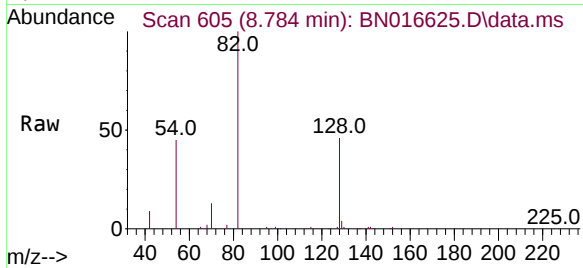




#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

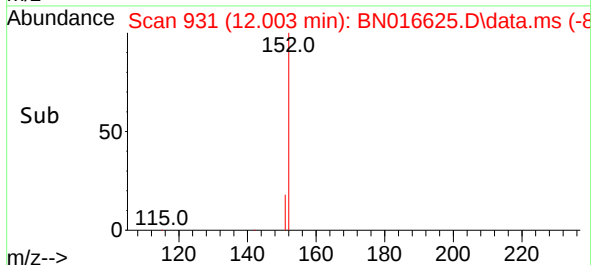
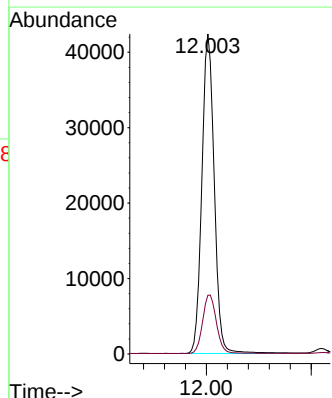
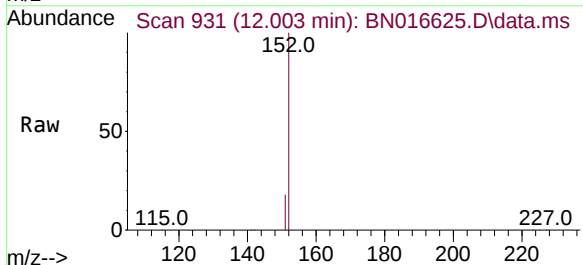
Instrument :
BNA_N
ClientSampleId :

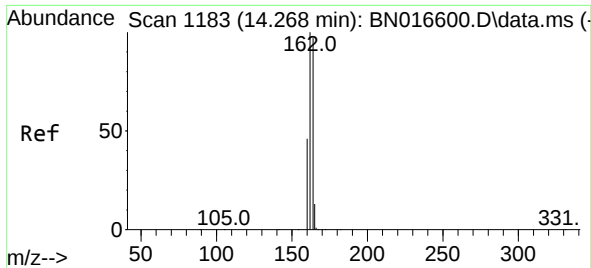
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.6	50.4
54	45.0	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

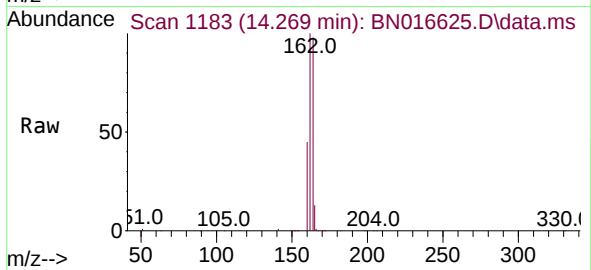
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4



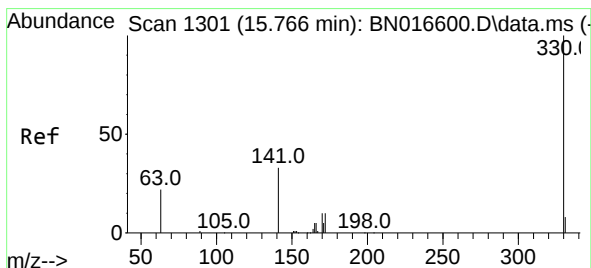
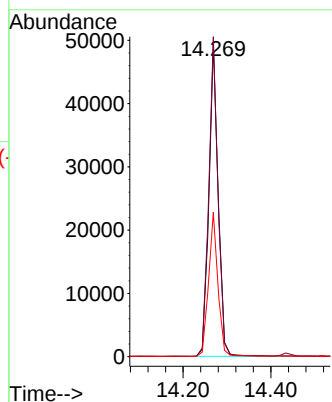
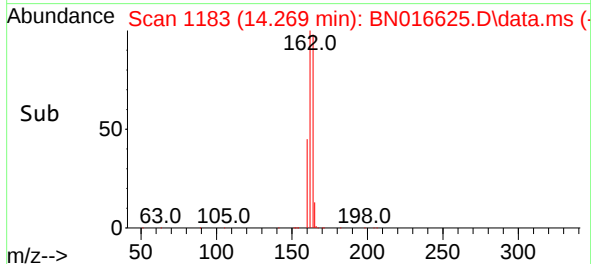


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

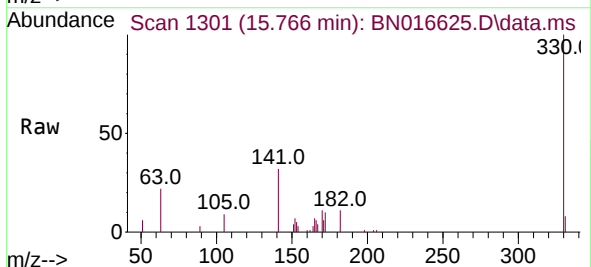
Instrument :
BNA_N
ClientSampleId :



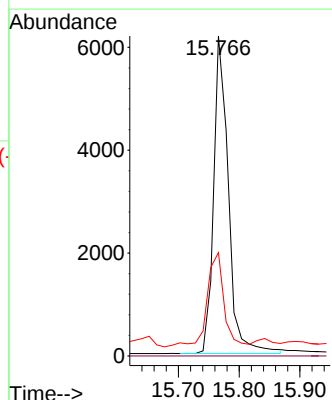
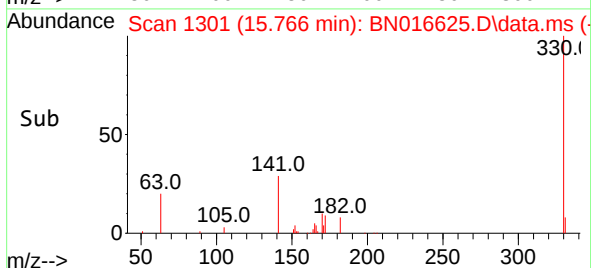
Tgt Ion:164 Resp: 72283
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 46.1 37.7 56.5

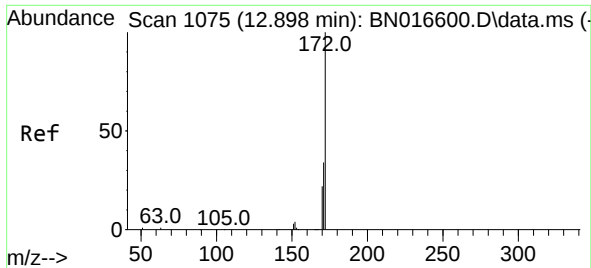


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion:330 Resp: 10377
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 25.2 37.8

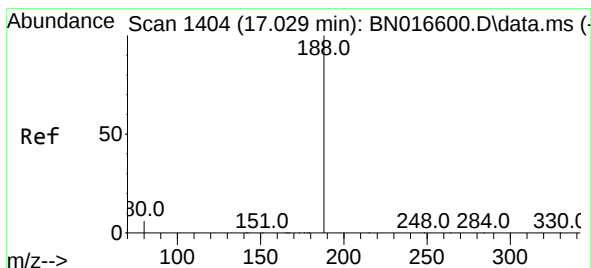
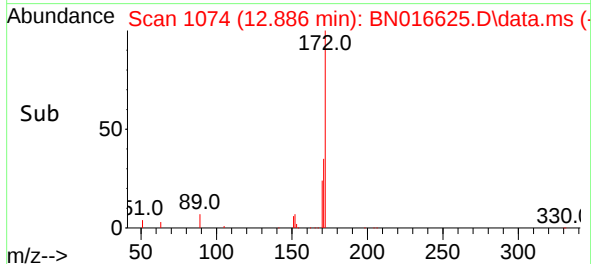
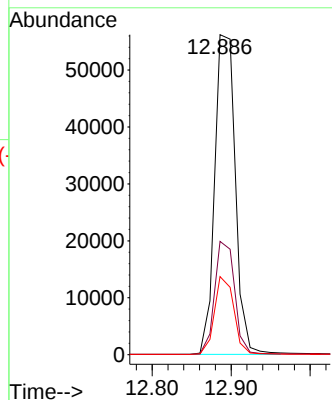
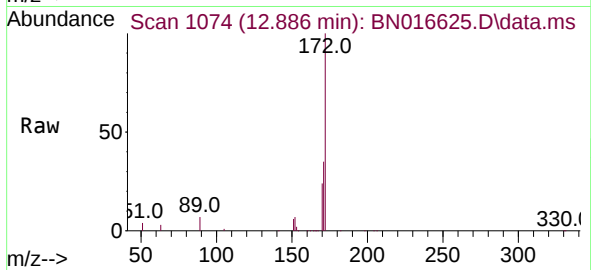




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

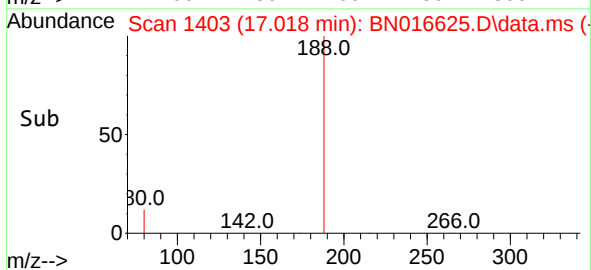
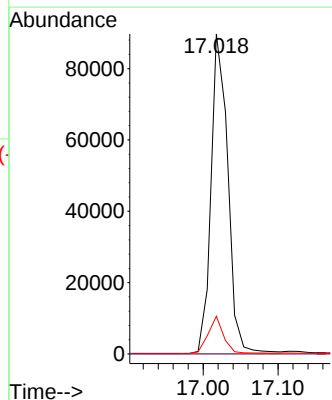
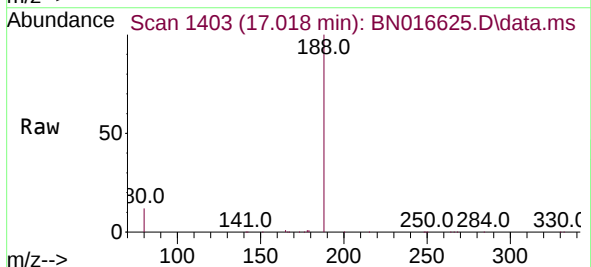
Instrument :
BNA_N
ClientSampleId :

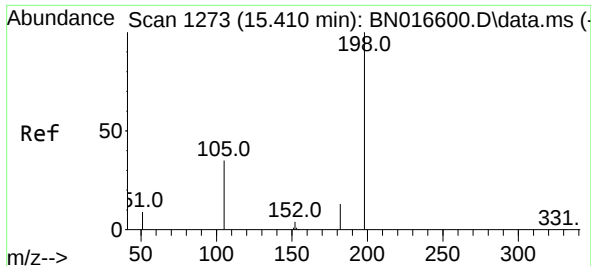
Tgt Ion:172 Resp: 102170
Ion Ratio Lower Upper
172 100
171 35.4 27.0 40.4
170 24.4 17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

Tgt Ion:188 Resp: 139974
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 5.0 7.6#

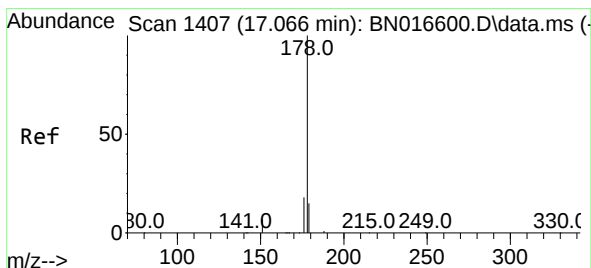
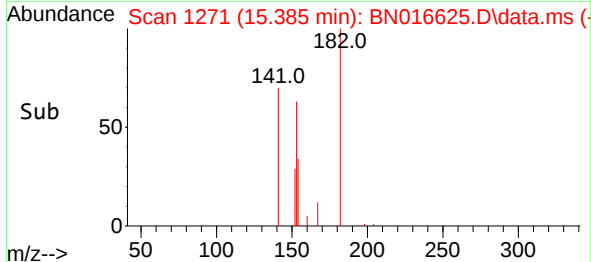
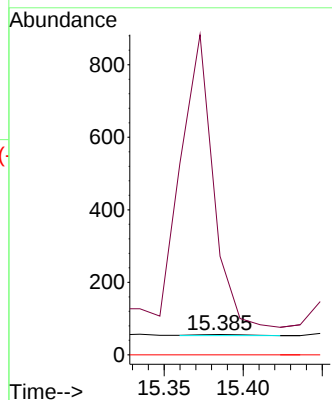
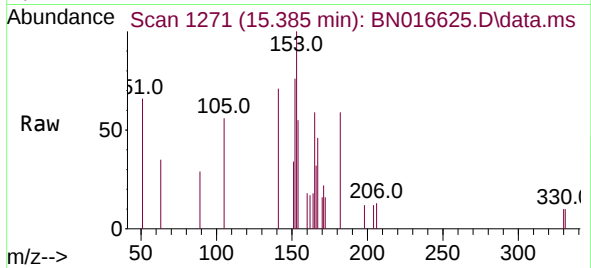




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

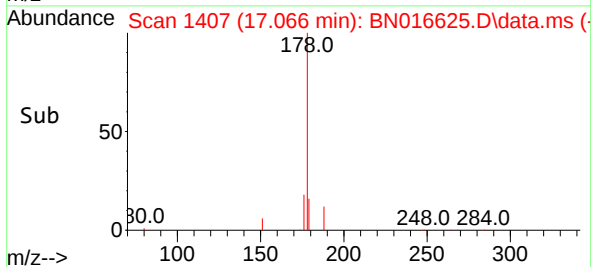
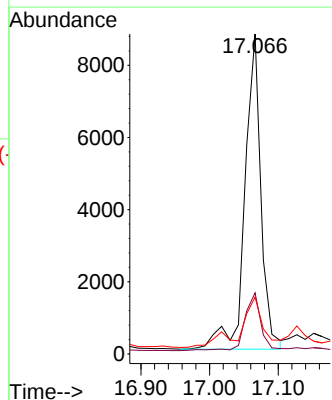
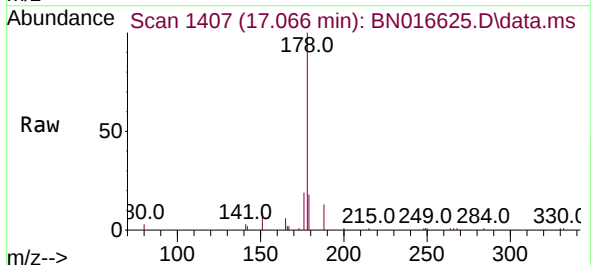
Instrument :
BNA_N
ClientSampled :

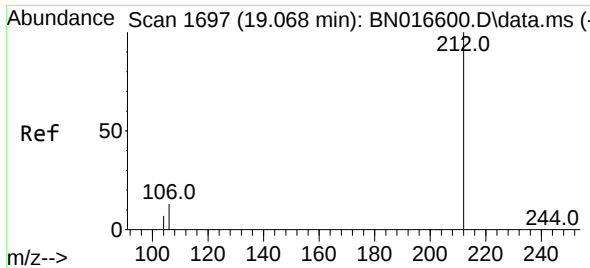
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 485.7 11.8 17.8#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.034 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

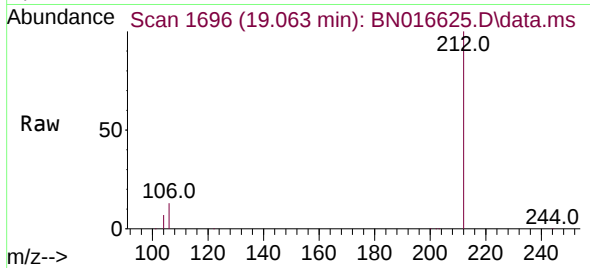
Tgt Ion:178 Resp: 14289
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 22.7 12.2 18.4#



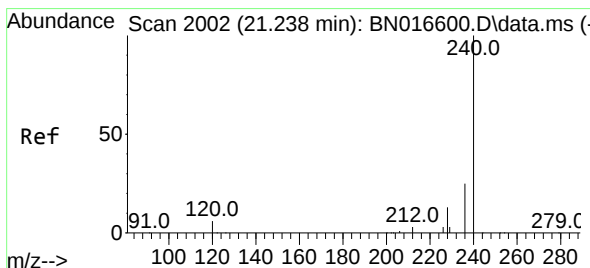
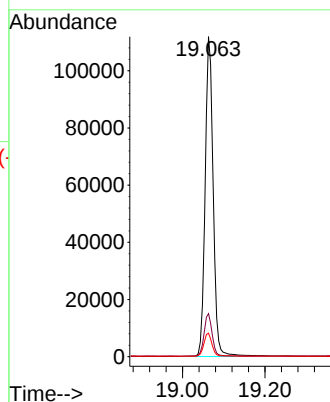
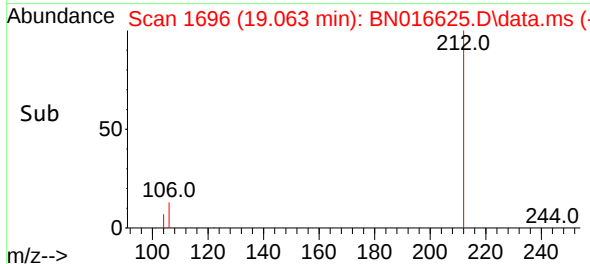


#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

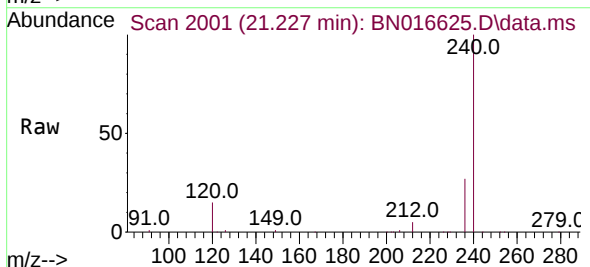
Instrument :
BNA_N
ClientSampleId :



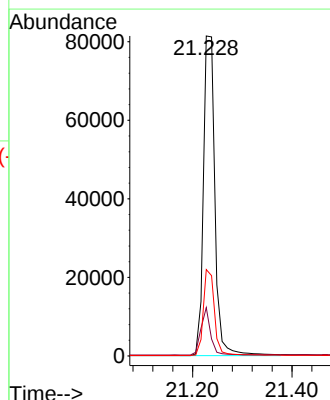
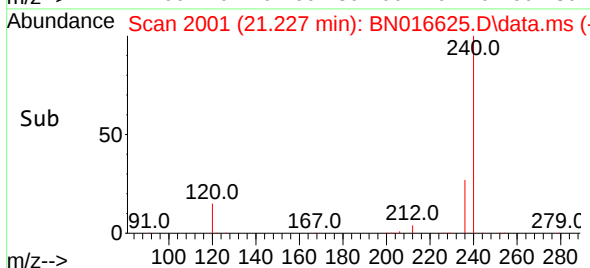
Tgt Ion:212 Resp: 151070
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.3 5.9 8.9

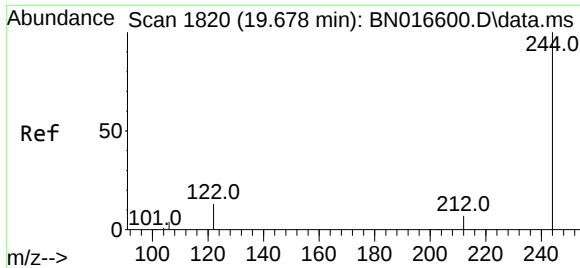


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion:240 Resp: 131407
Ion Ratio Lower Upper
240 100
120 15.1 5.0 7.4#
236 27.0 20.4 30.6

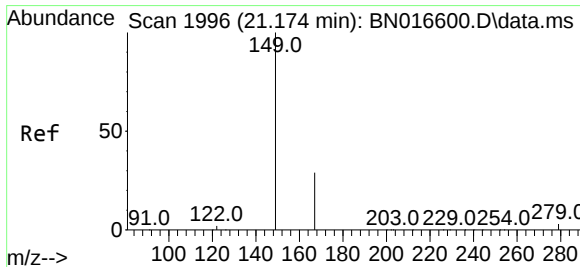
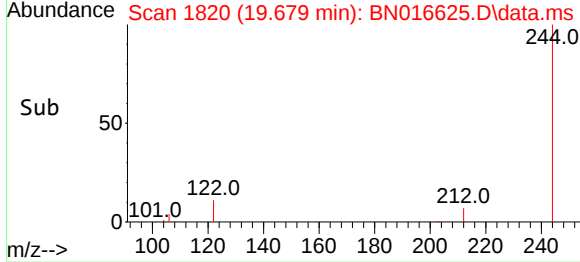
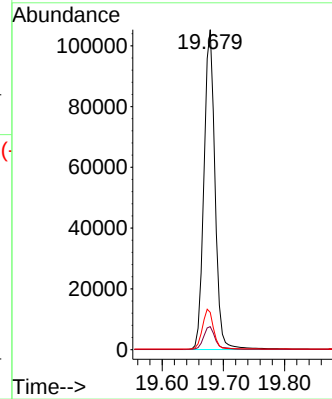
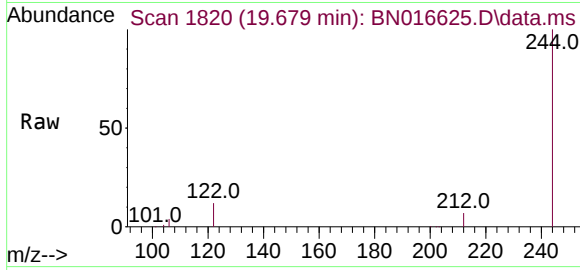




#31
 Terphenyl-d14
 Concen: 0.462 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016625.D
 Acq: 01 Oct 2021 07:47

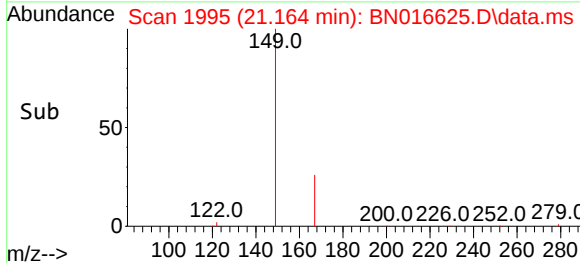
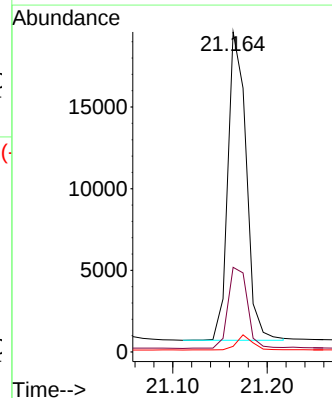
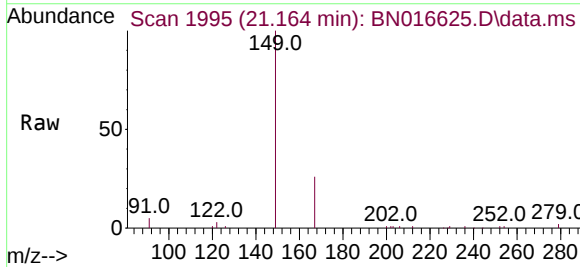
Instrument :
 BNA_N
 ClientSampled :

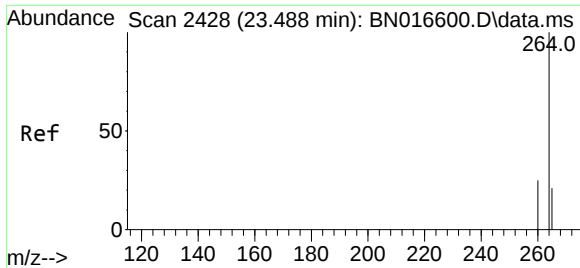
Tgt Ion:244	Resp:	131876
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.0 9.0
122	11.7	10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.158 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016625.D
 Acq: 01 Oct 2021 07:47

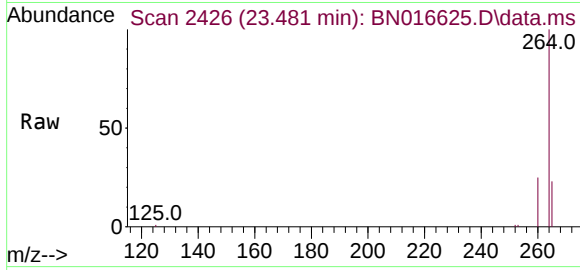
Tgt Ion:149	Resp:	25463
Ion Ratio	Lower	Upper
149	100	
167	27.9	22.2 33.4
279	4.3	3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BN016625.D
 Acq: 01 Oct 2021 07:47

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 133934

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	23.1	19.2	28.8

