

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016692.D
 Acq On : 03 Oct 2021 05:12
 Operator : CG/JU
 Sample : M3915-02
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 03:36:55 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)

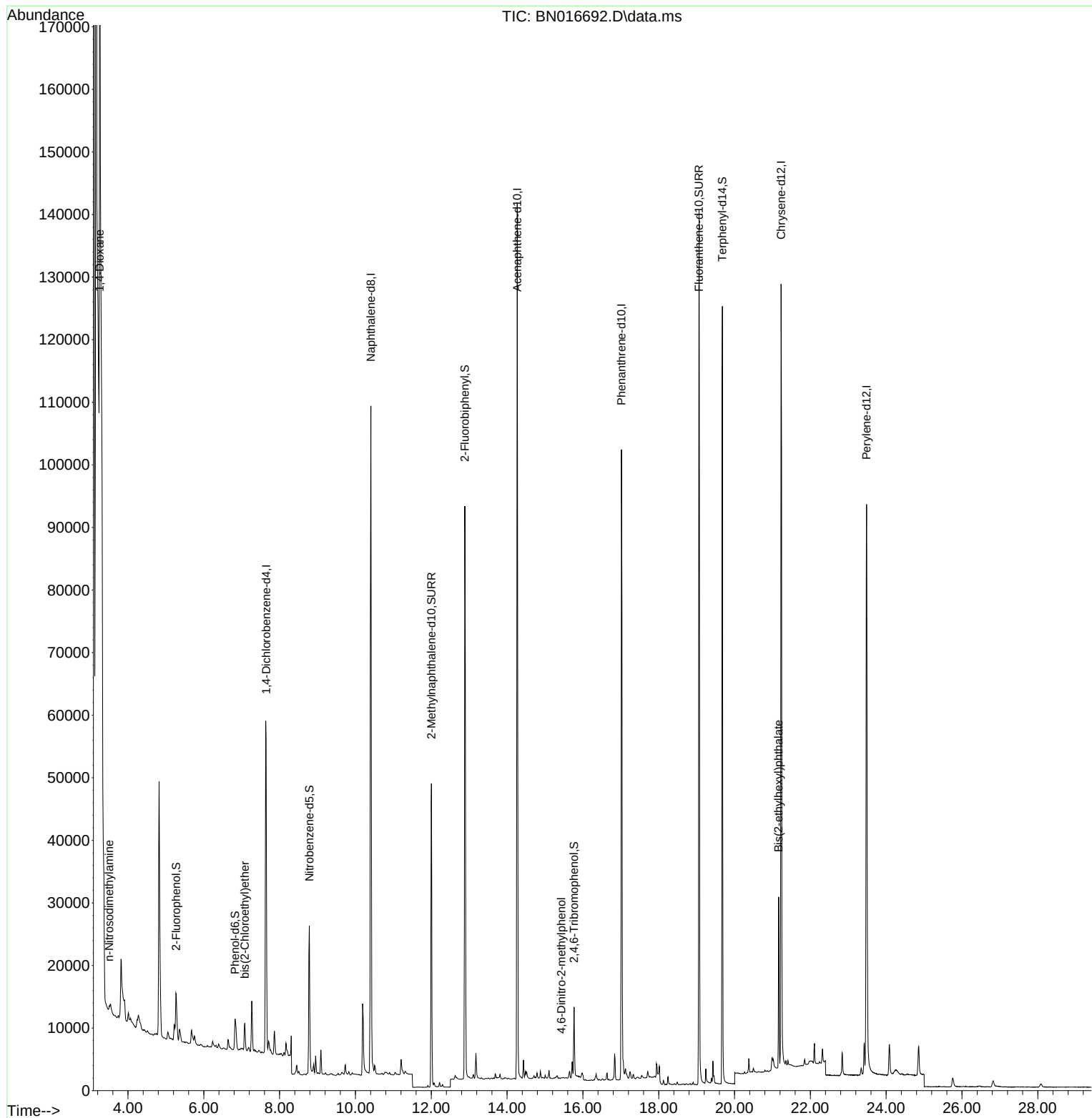
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31848	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	144338	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	76558	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	143614	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	130695	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	128159	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	9624	0.119	ng	0.02
5) Phenol-d6	6.822	99	5619	0.063	ng	0.00
8) Nitrobenzene-d5	8.784	82	22675	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	65638	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9773	0.280	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	84296	0.272	ng	-0.01
27) Fluoranthene-d10	19.063	212	162139	0.425	ng	0.00
31) Terphenyl-d14	19.678	244	124898	0.440	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	101684	6.937	ng	# 85
3) n-Nitrosodimethylamine	3.502	42	827	0.035	ng	# 1
6) bis(2-Chloroethyl)ether	7.080	93	4010	0.046	ng	97
20) 4,6-Dinitro-2-methylph...	15.436	198	9	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	25928	0.162	ng	99

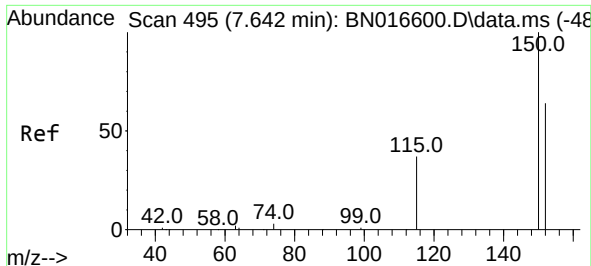
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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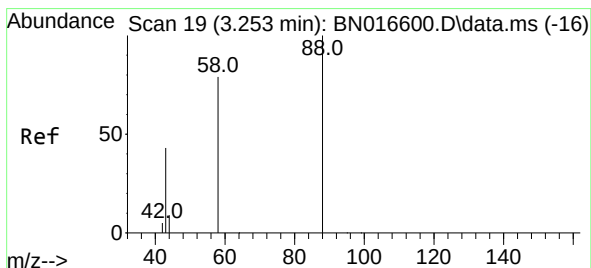
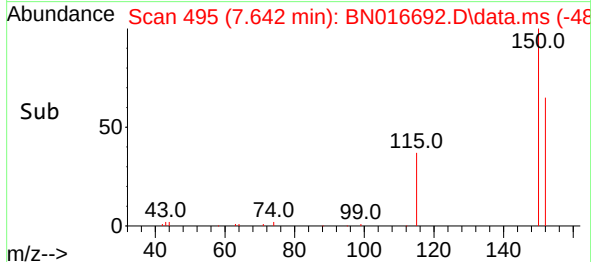
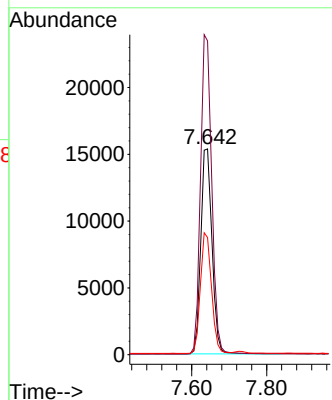
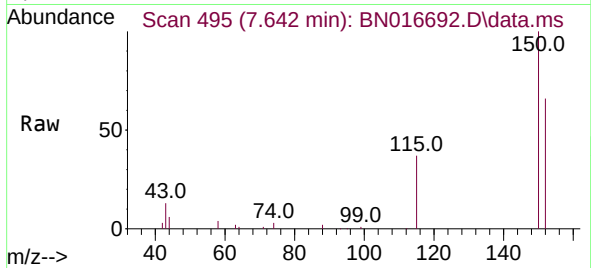




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

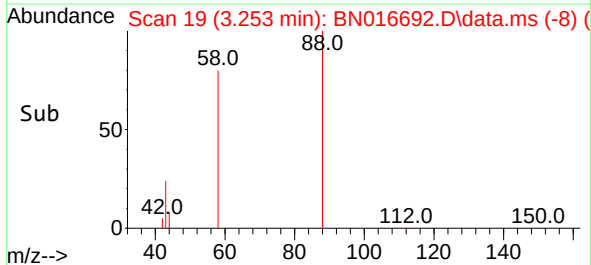
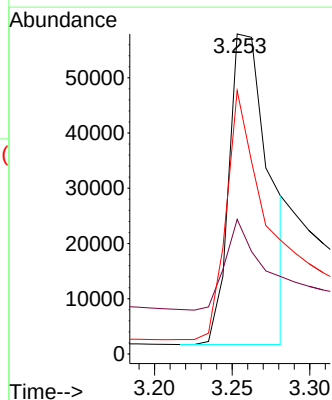
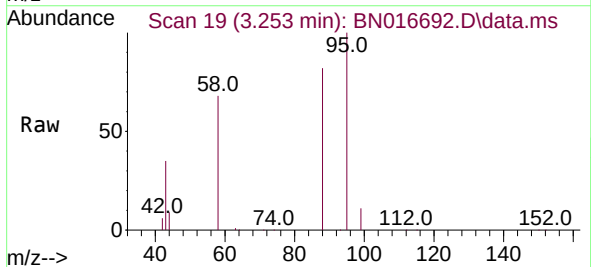
Instrument :
BNA_N
ClientSampled :

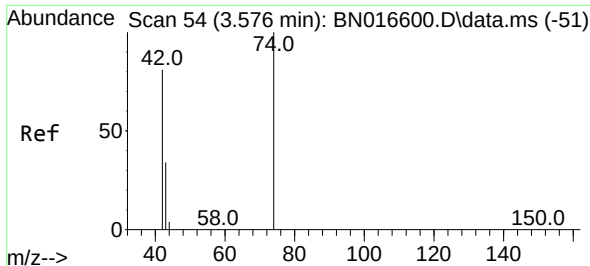
Tgt Ion:152 Resp: 31848
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 57.0 46.5 69.7



#2
1,4-Dioxane
Concen: 6.937 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion: 88 Resp: 101684
Ion Ratio Lower Upper
88 100
43 26.2 37.8 56.8#
58 72.8 61.3 91.9

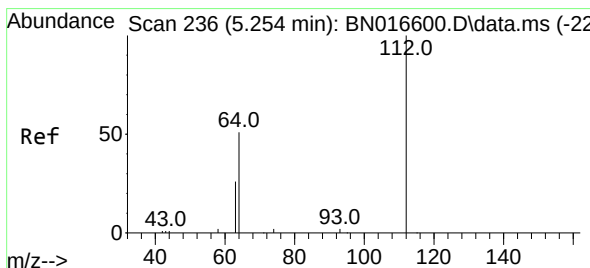
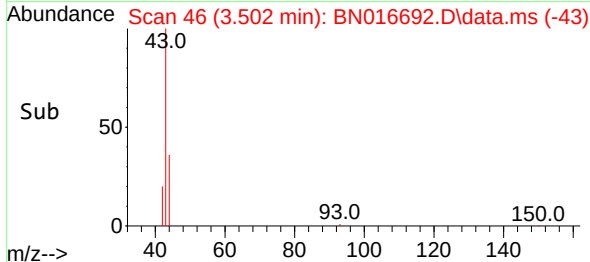
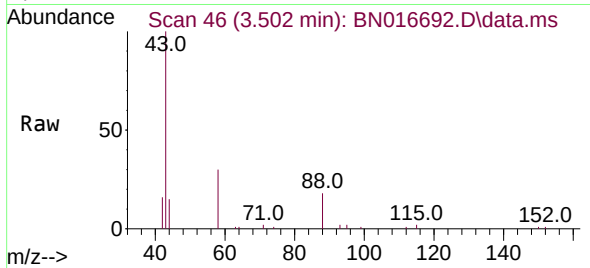




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

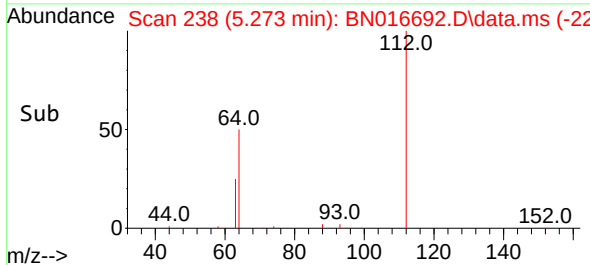
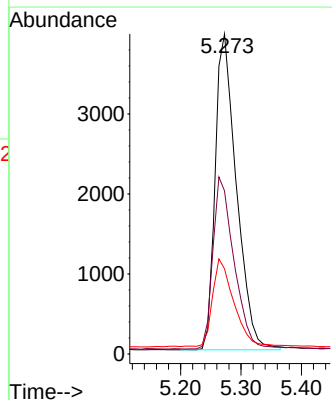
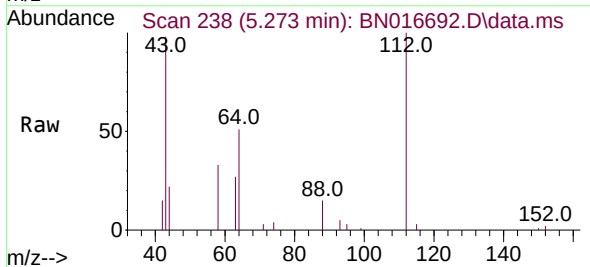
Instrument :
BNA_N
ClientSampled :

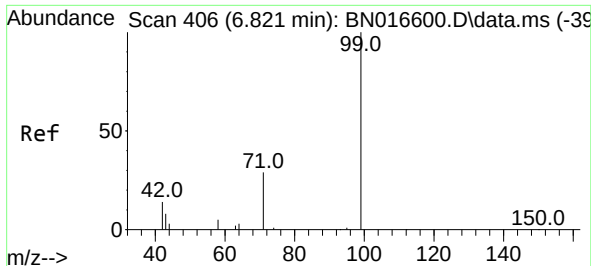
Tgt Ion: 42 Resp: 827
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 85.5 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion: 112 Resp: 9624
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 27.8 21.6 32.4

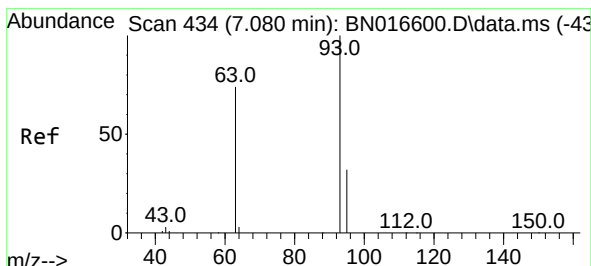
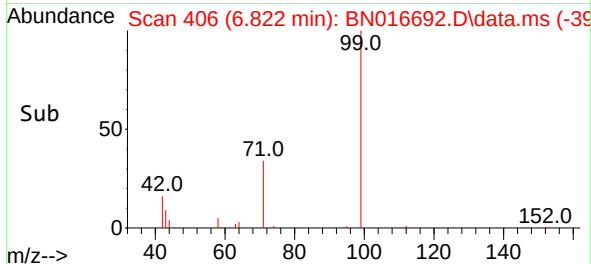
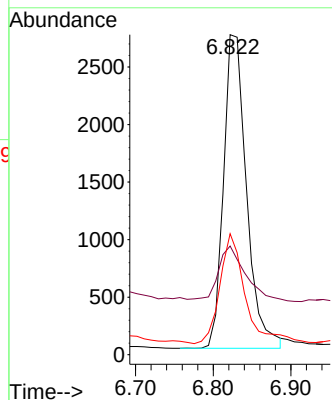
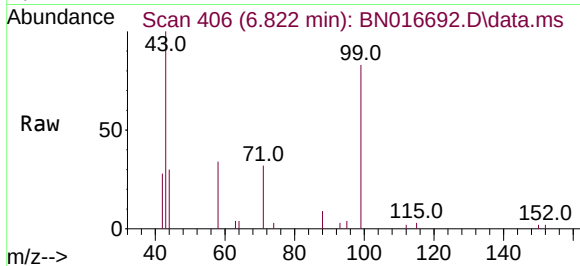




#5
Phenol-d6
Concen: 0.063 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

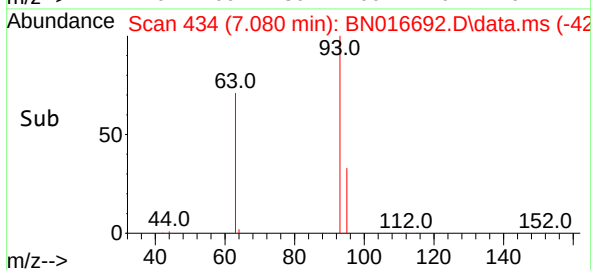
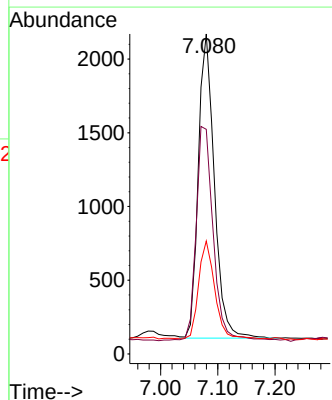
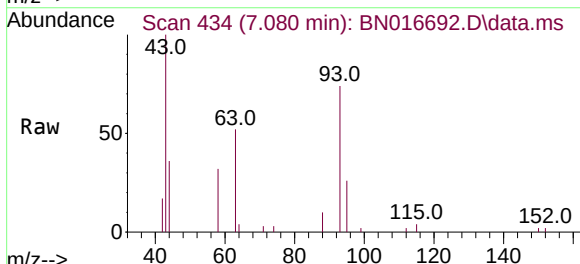
Instrument :
BNA_N
ClientSampleId :

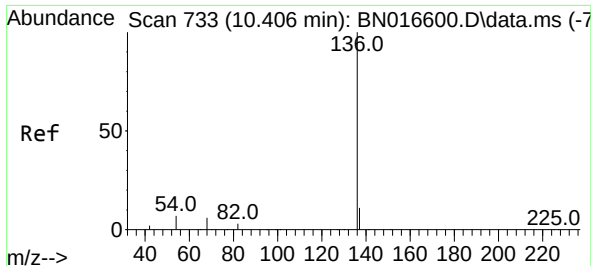
Tgt Ion: 99 Resp: 5619
Ion Ratio Lower Upper
99 100
42 18.8 13.0 19.6
71 37.6 23.5 35.3#



#6
bis(2-Chloroethyl)ether
Concen: 0.046 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion: 93 Resp: 4010
Ion Ratio Lower Upper
93 100
63 76.6 59.1 88.7
95 32.2 26.2 39.4

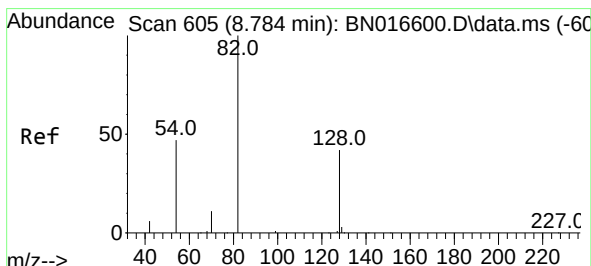
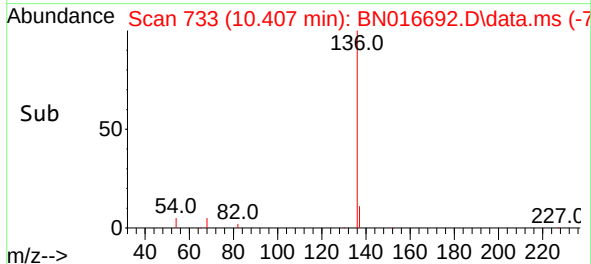
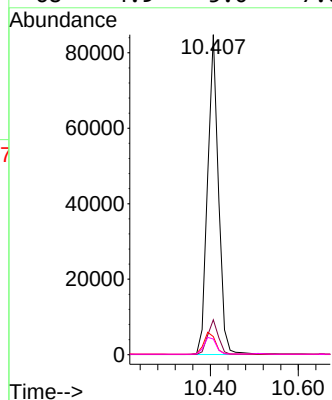
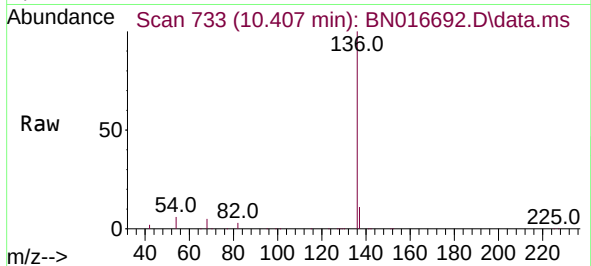




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

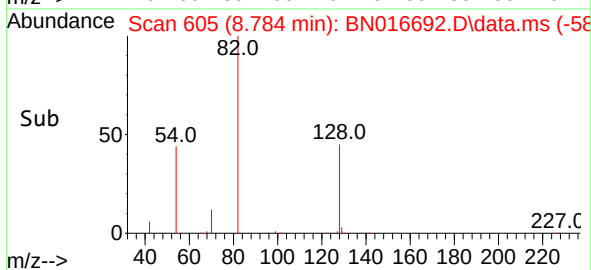
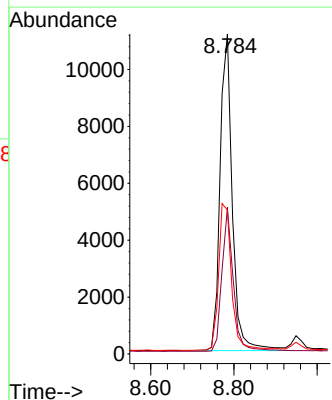
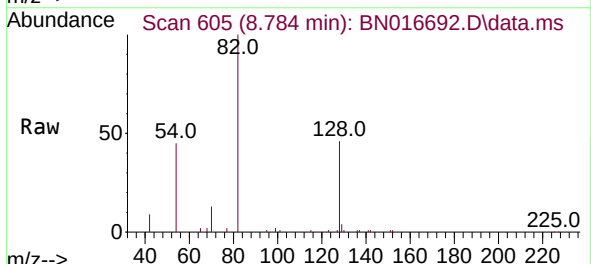
Instrument :
BNA_N
ClientSampleId :

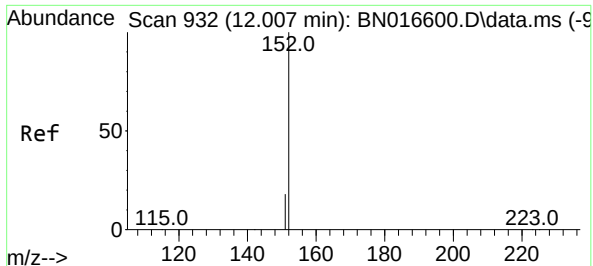
Tgt Ion:	136	Resp:	144338
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.7	5.9	8.9#
68	4.9	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion:	82	Resp:	22675
Ion	Ratio	Lower	Upper
82	100		
128	45.8	33.6	50.4
54	45.0	37.6	56.4

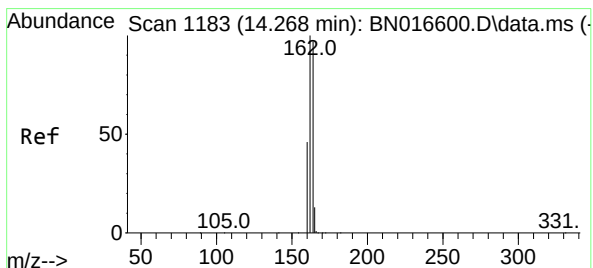
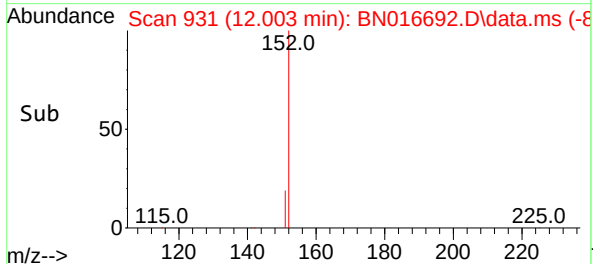
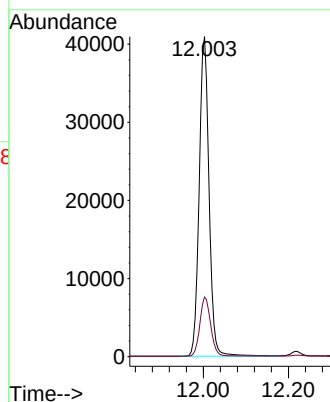
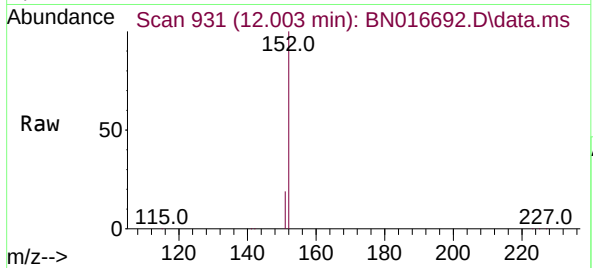




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

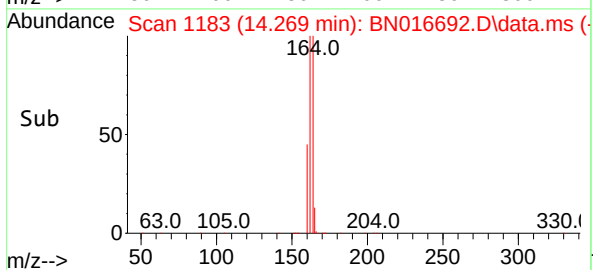
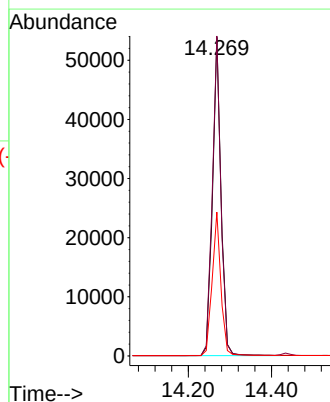
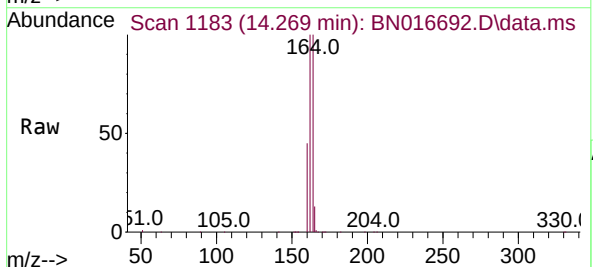
Instrument :
BNA_N
ClientSampleId :

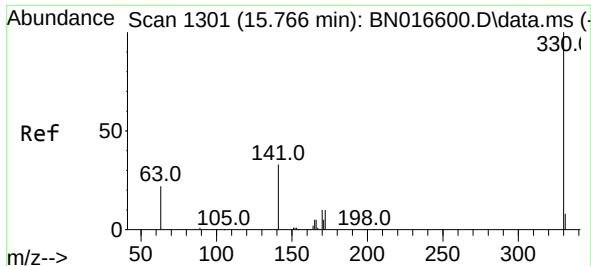
Tgt Ion:152 Resp: 65638
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion:164 Resp: 76558
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 45.1 37.7 56.5

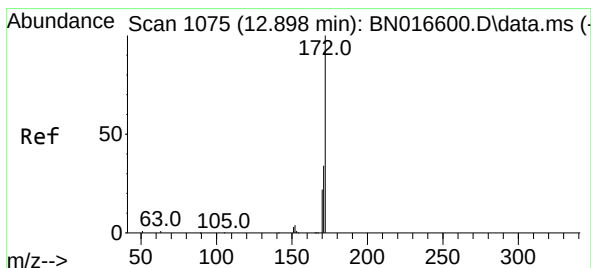
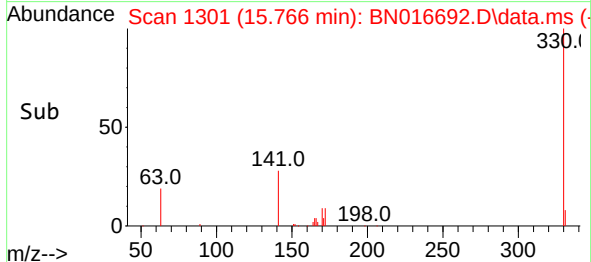
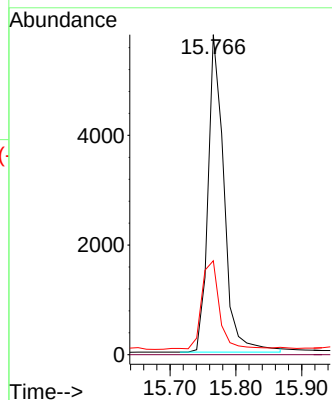
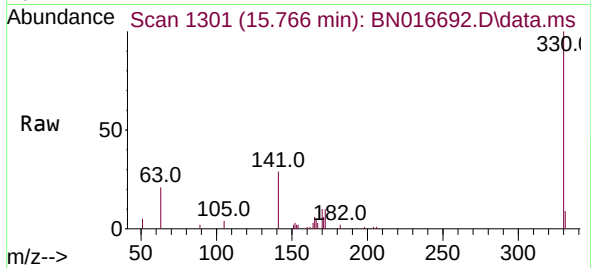




#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

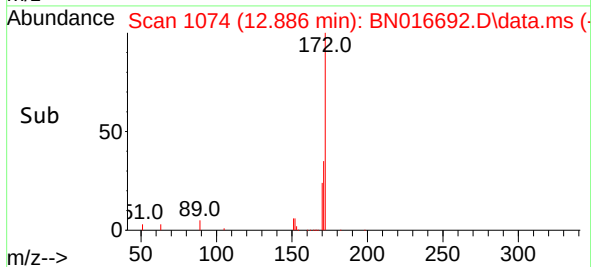
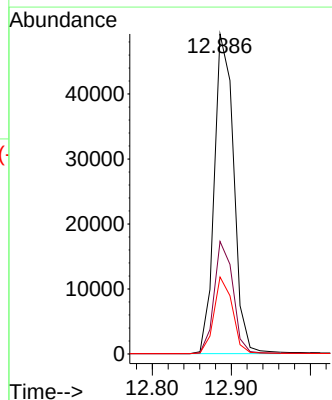
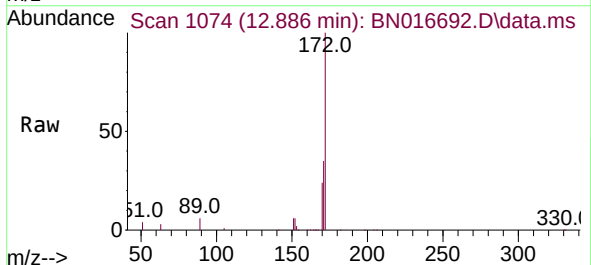
Instrument :
BNA_N
ClientSampled :

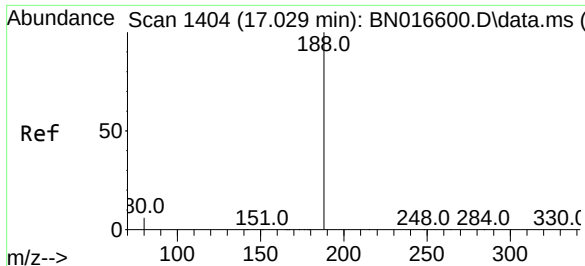
Tgt Ion:330 Resp: 9773
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.4 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion:172 Resp: 84296
Ion Ratio Lower Upper
172 100
171 35.2 27.0 40.4
170 24.1 17.4 26.2

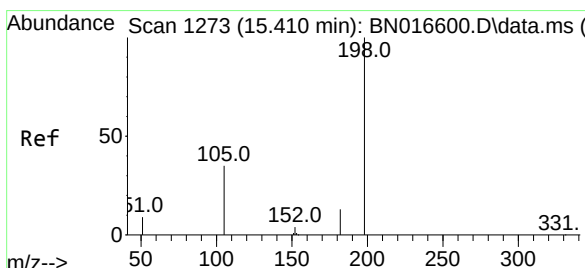
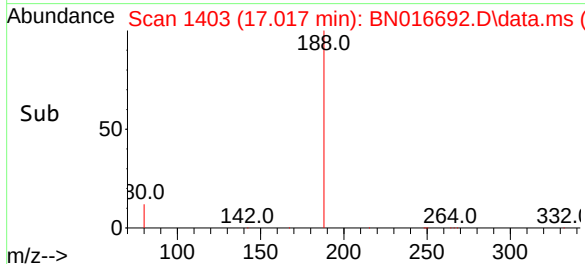
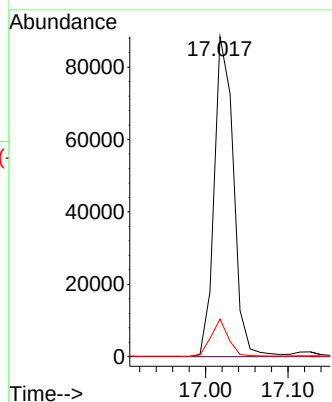
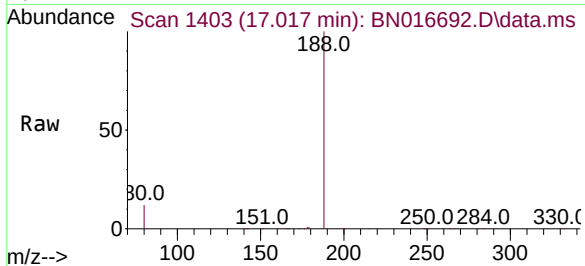




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

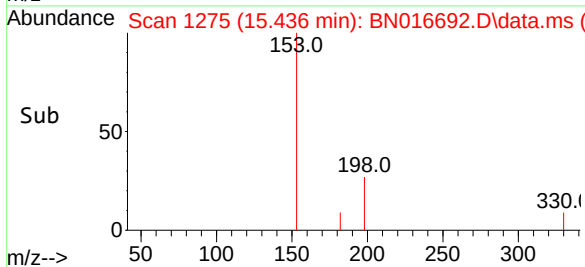
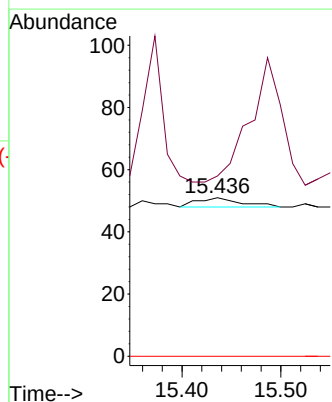
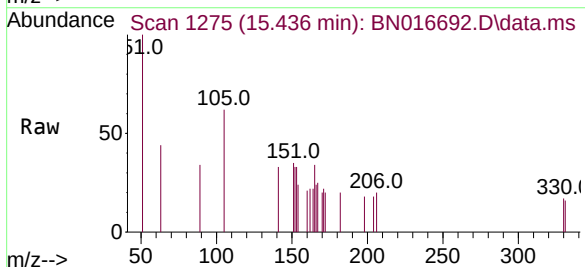
Instrument :
BNA_N
ClientSampleId :

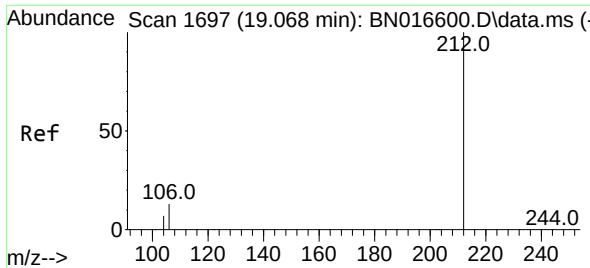
Tgt Ion:188 Resp: 143614
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.026 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 113.7 11.8 17.8#
77 0.0 0.0 0.0

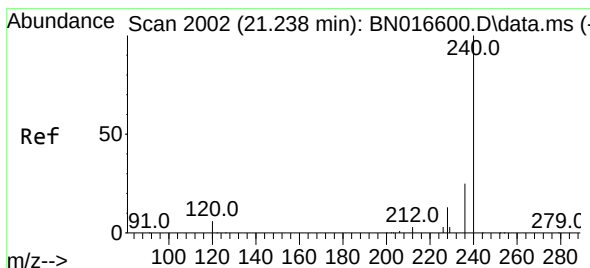
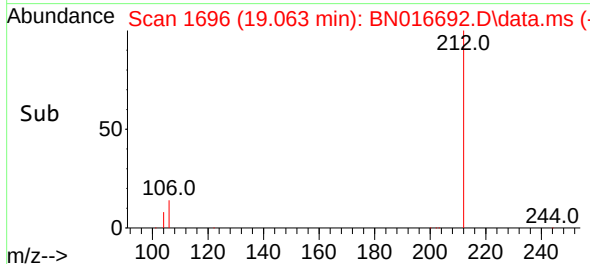
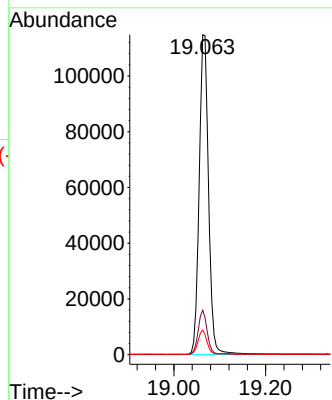
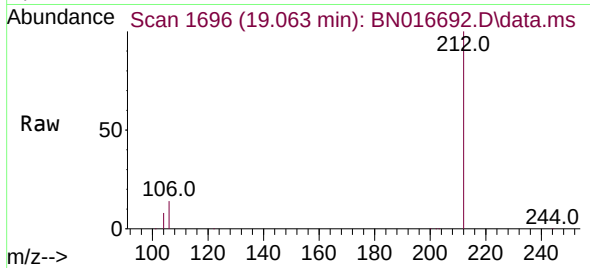




#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

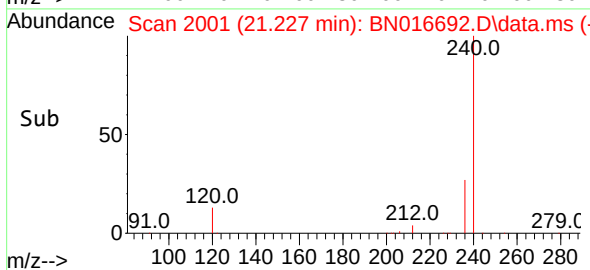
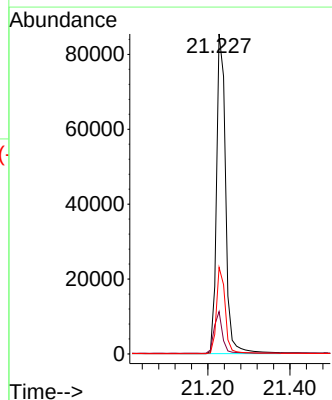
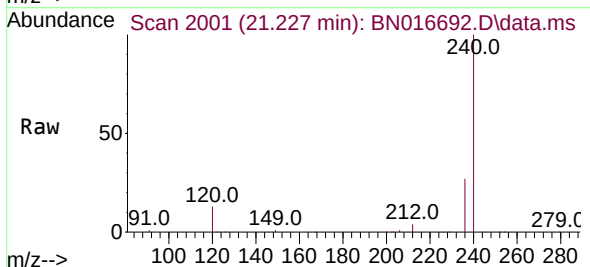
Instrument :
BNA_N
ClientSampleId :

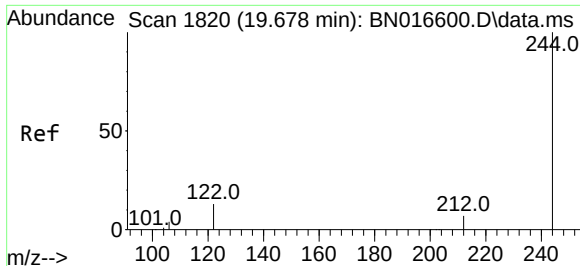
Tgt Ion:212 Resp: 162139
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016692.D
Acq: 03 Oct 2021 05:12

Tgt Ion:240 Resp: 130695
Ion Ratio Lower Upper
240 100
120 13.2 5.0 7.4#
236 27.1 20.4 30.6

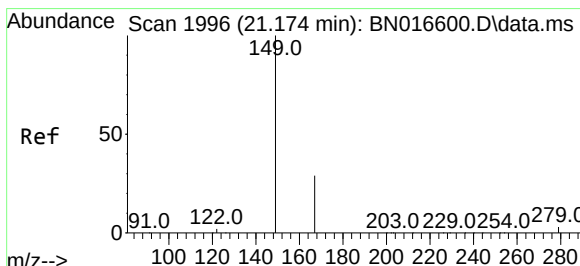
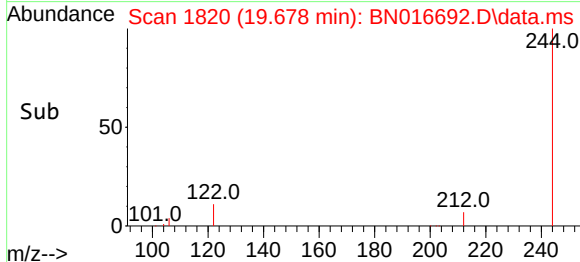
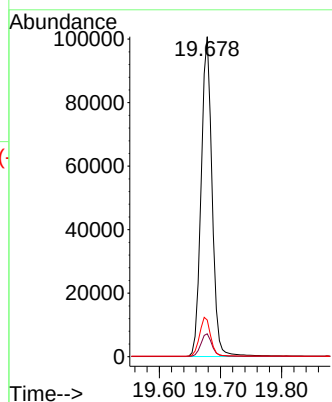
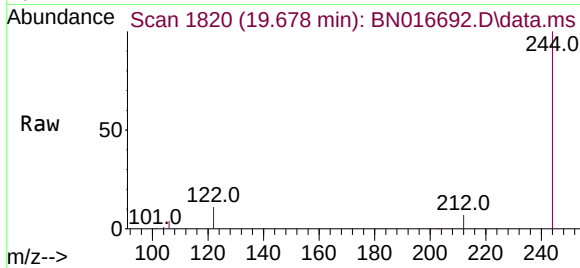




#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016692.D
 Acq: 03 Oct 2021 05:12

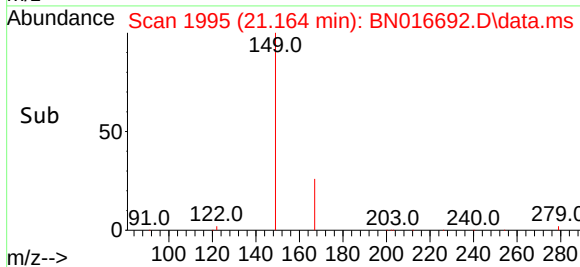
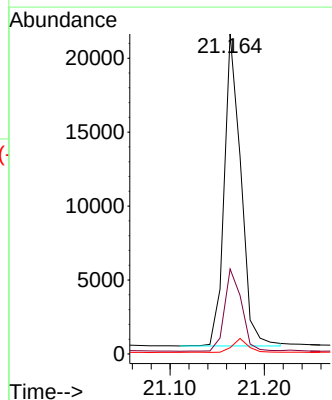
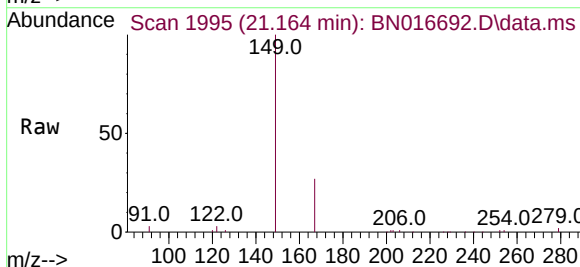
Instrument :
 BNA_N
 ClientSampleId :

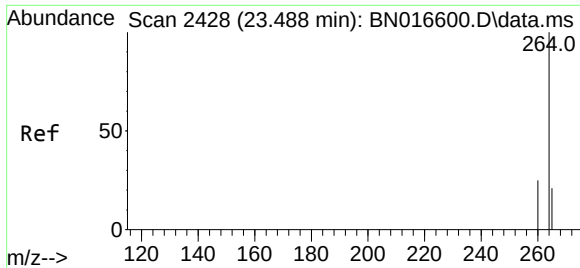
Tgt Ion:244 Resp: 124898
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.4 10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.162 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016692.D
 Acq: 03 Oct 2021 05:12

Tgt Ion:149 Resp: 25928
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.4
 279 4.1 3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016692.D
 Acq: 03 Oct 2021 05:12

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 128159

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.7	19.2	28.8

