

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016626.D
 Acq On : 01 Oct 2021 08:23
 Operator : CG/JU
 Sample : M3833-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 01 09:02:30 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)

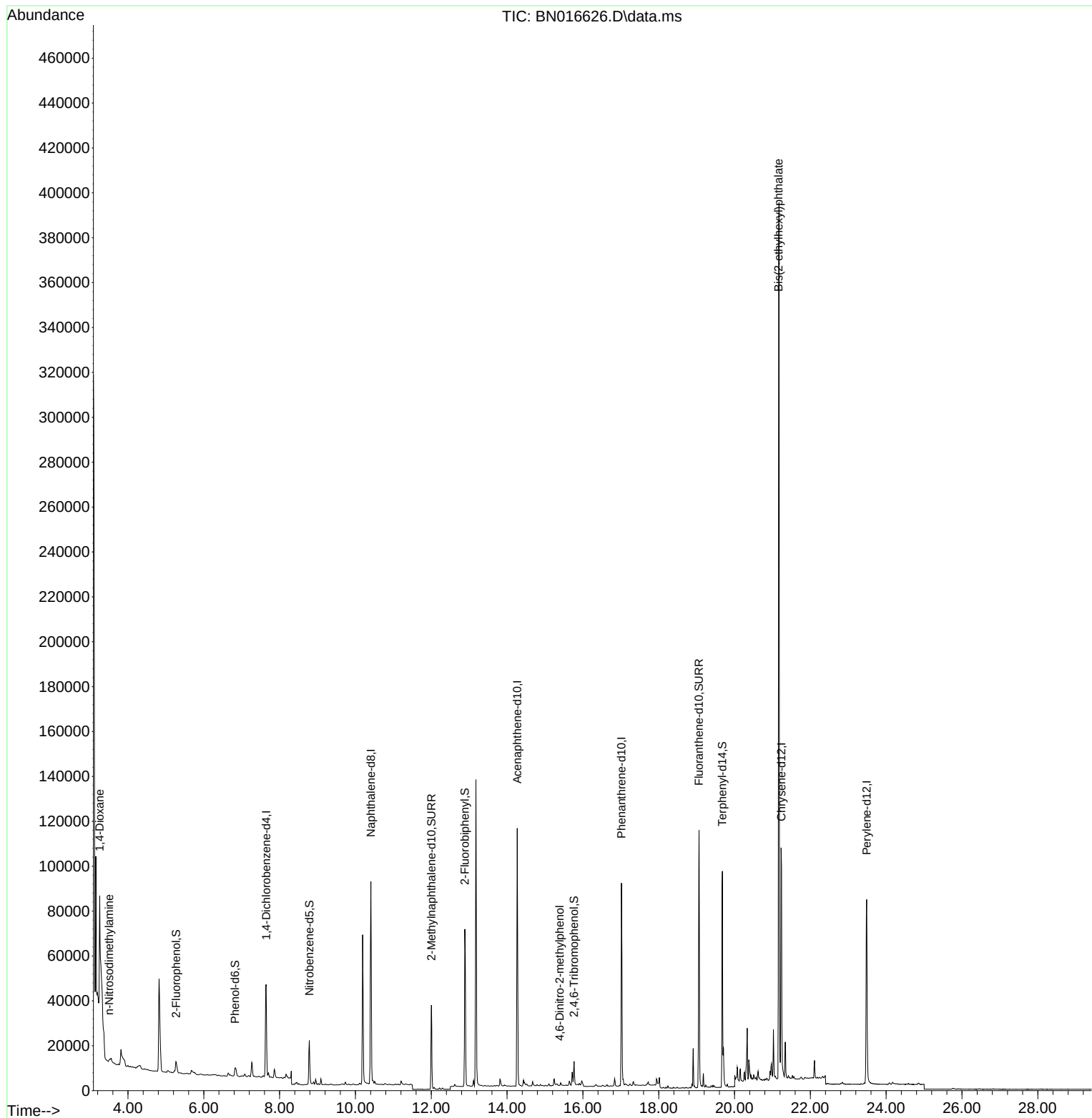
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	26329	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	120276	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	62870	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	120423	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	110613	0.400	ng	0.00
35) Perylene-d12	23.485	264	112145	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7181	0.107	ng	0.02
5) Phenol-d6	6.822	99	4161	0.057	ng	0.00
8) Nitrobenzene-d5	8.785	82	18466	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	51827	0.291	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8531	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	66348	0.261	ng	-0.01
27) Fluoranthene-d10	19.063	212	125657	0.392	ng	0.00
31) Terphenyl-d14	19.679	244	95566	0.397	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	36799	3.037	ng	# 86
3) n-Nitrosodimethylamine	3.502	42	1075	0.055	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	4	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	427044	3.155	ng	99

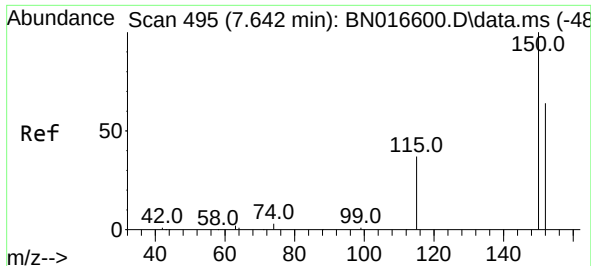
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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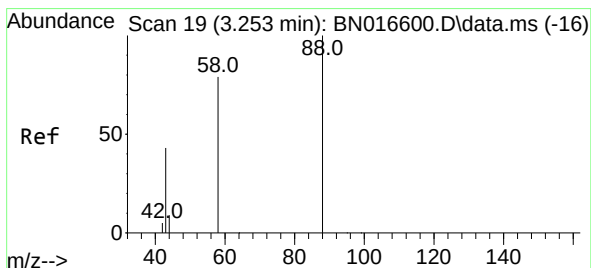
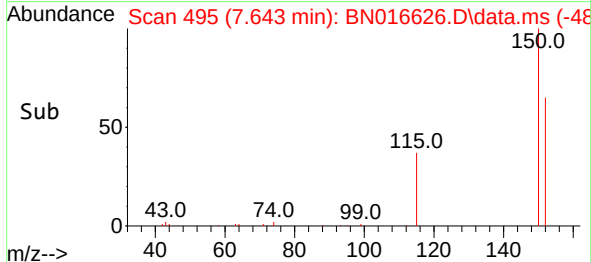
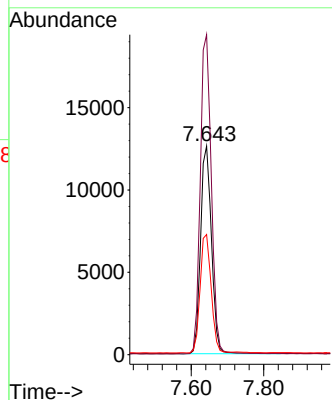
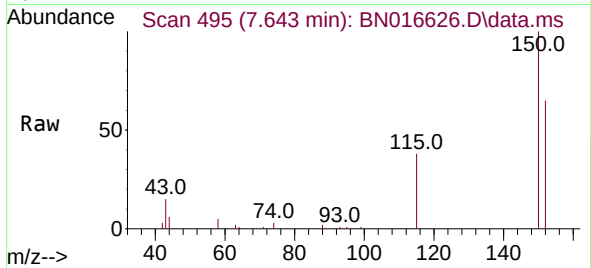




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.643 min Scan# 495
 Delta R.T. 0.001 min
 Lab File: BN016626.D
 Acq: 01 Oct 2021 08:23

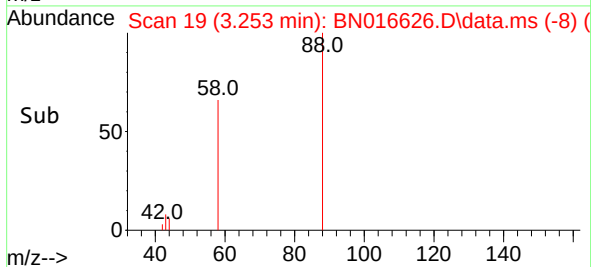
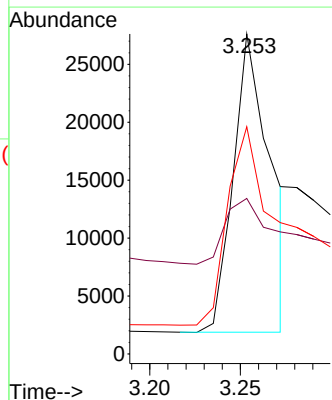
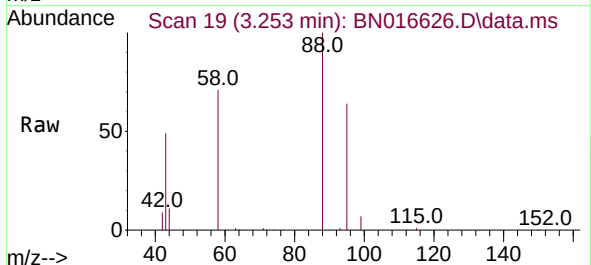
Instrument :
 BNA_N
 ClientSampled :

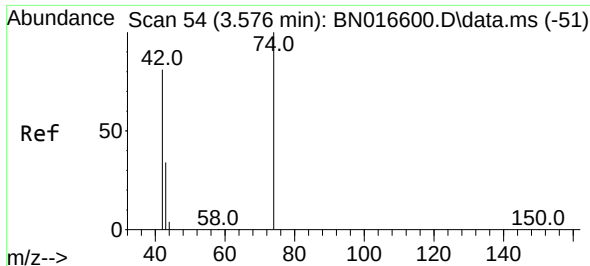
Tgt Ion:152 Resp: 26329
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 57.6 46.5 69.7



#2
 1,4-Dioxane
 Concen: 3.037 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016626.D
 Acq: 01 Oct 2021 08:23

Tgt Ion: 88 Resp: 36799
 Ion Ratio Lower Upper
 88 100
 43 25.7 37.8 56.8#
 58 74.2 61.3 91.9

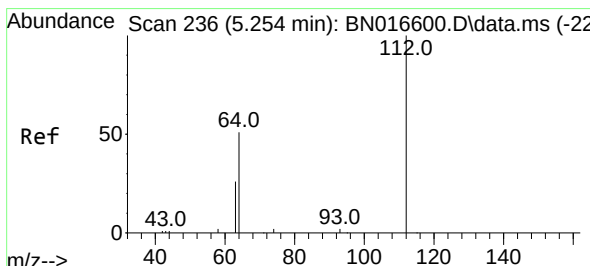
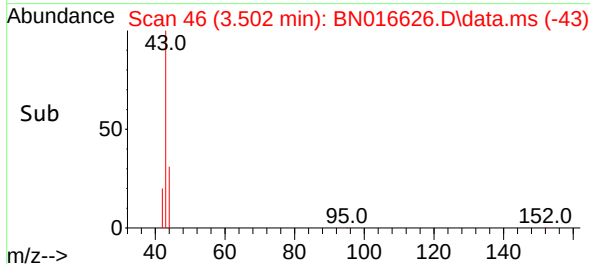
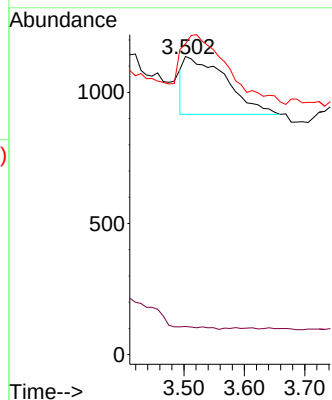
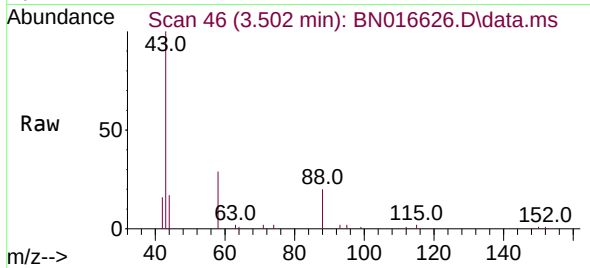




#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

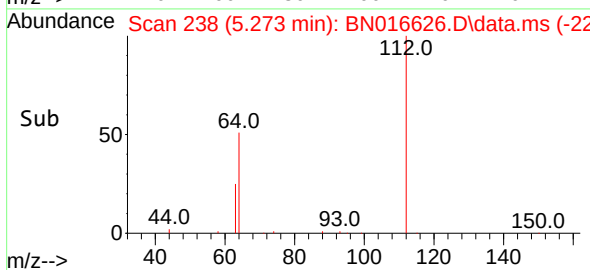
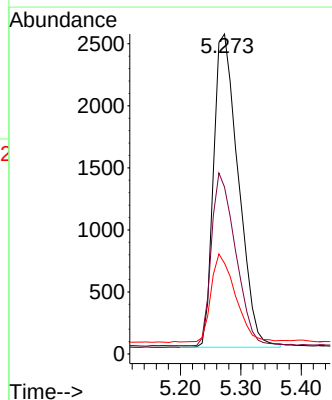
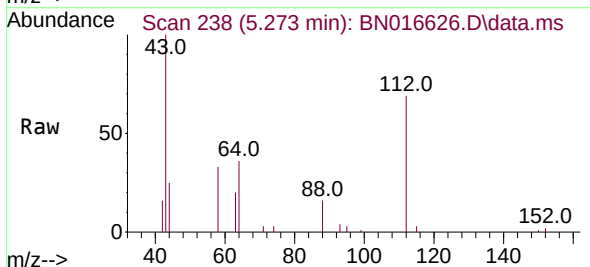
Instrument :
BNA_N
ClientSampled :

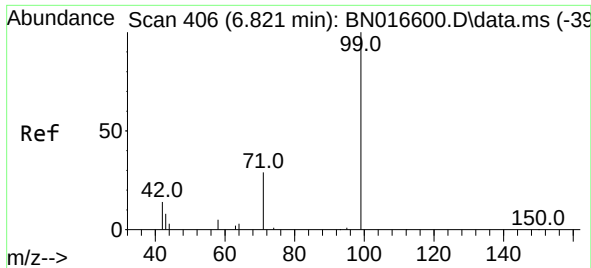
Tgt Ion: 42 Resp: 1075
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 120.0 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

Tgt Ion: 112 Resp: 7181
Ion Ratio Lower Upper
112 100
64 53.9 43.1 64.7
63 28.0 21.6 32.4

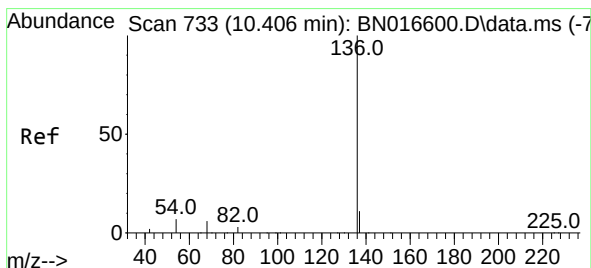
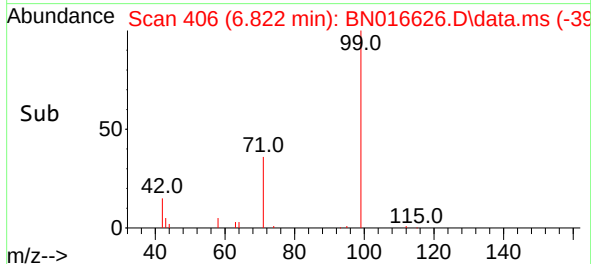
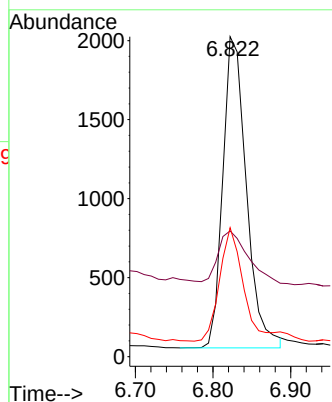
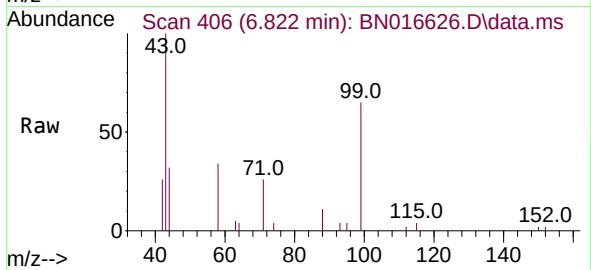




#5
Phenol-d6
Concen: 0.057 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

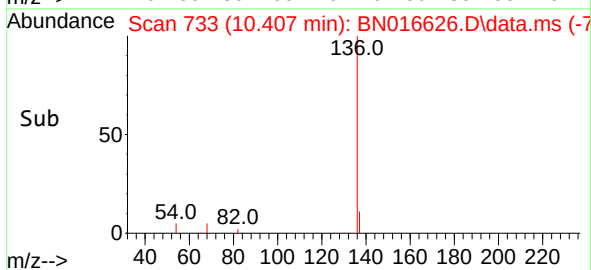
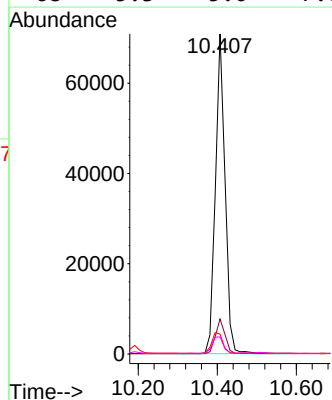
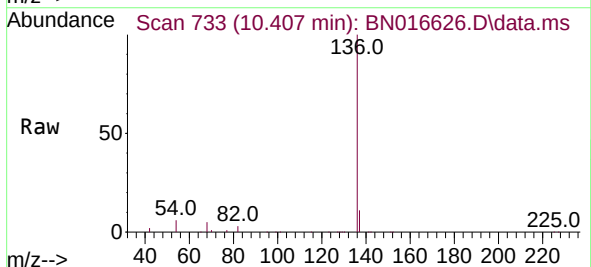
Instrument :
BNA_N
ClientSampled :

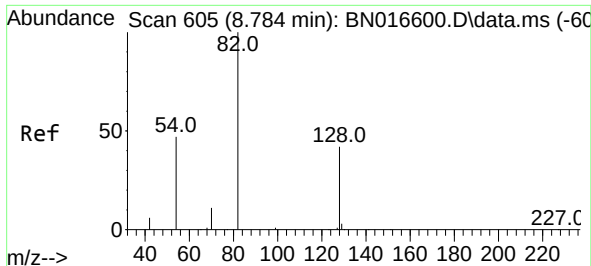
Tgt Ion: 99 Resp: 4161
Ion Ratio Lower Upper
99 100
42 21.0 13.0 19.6#
71 36.6 23.5 35.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

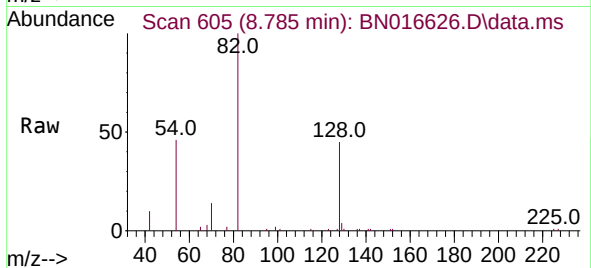
Tgt Ion: 136 Resp: 120276
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.2 5.9 8.9
68 5.3 5.0 7.6



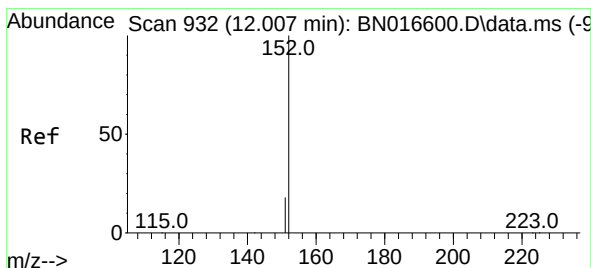
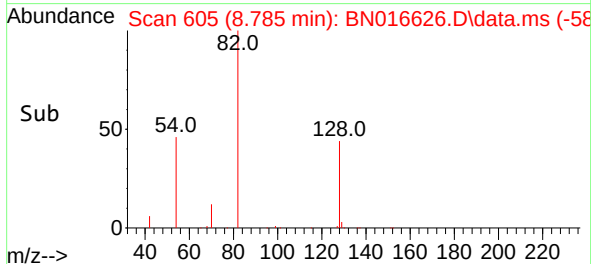
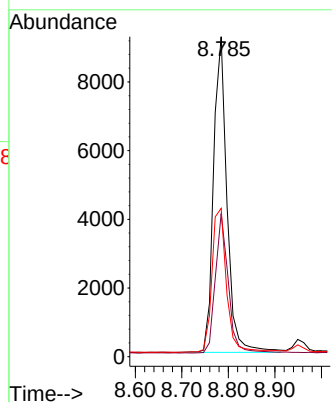


#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

Instrument :
BNA_N
ClientSampleId :

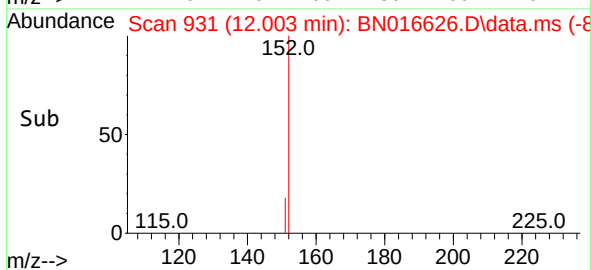
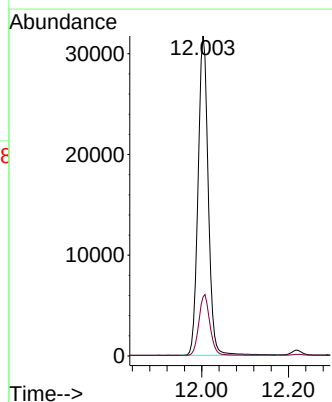
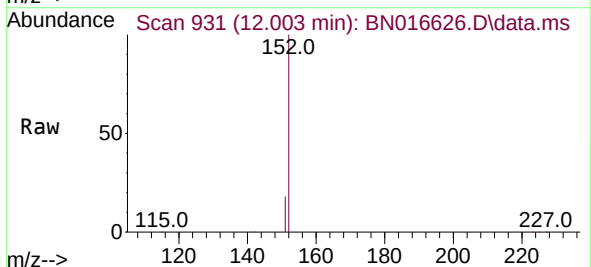


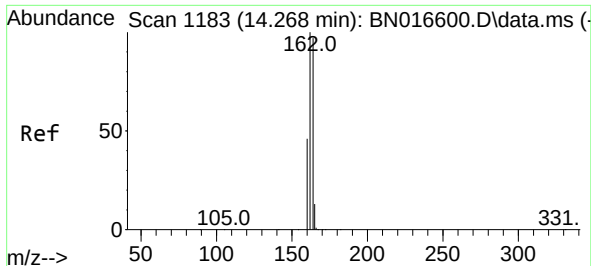
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	33.6	50.4
54	46.4	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

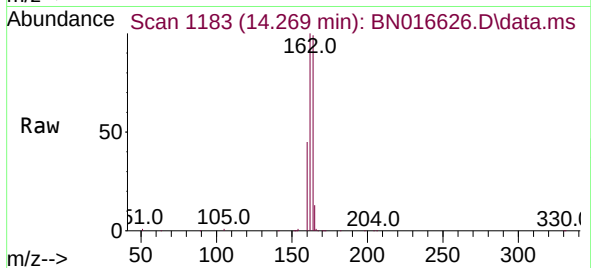
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4



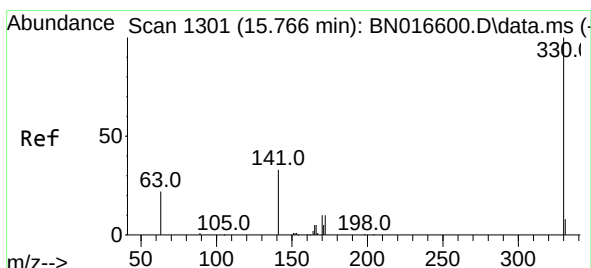
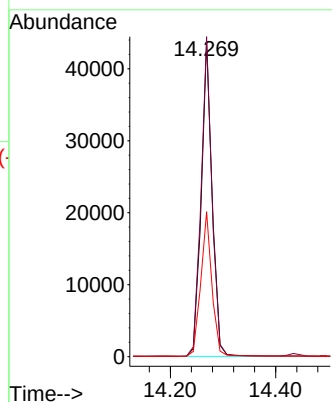
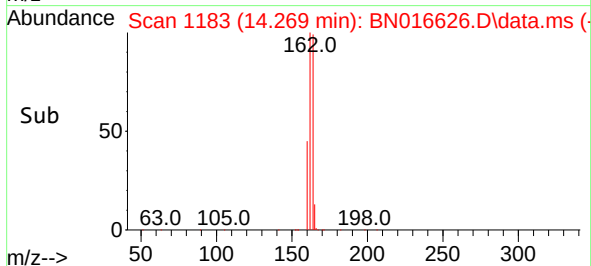


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

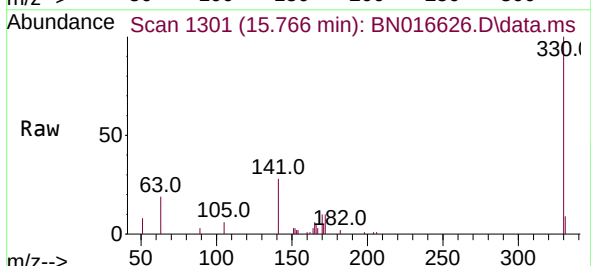
Instrument :
BNA_N
ClientSampled :



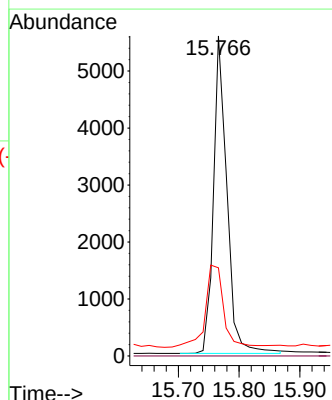
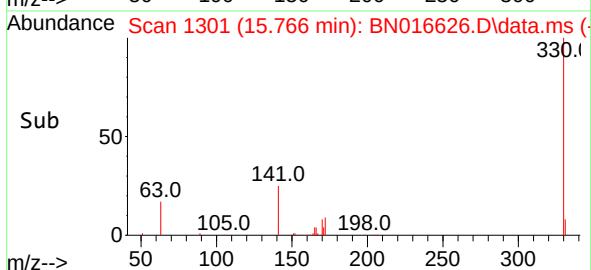
Tgt Ion:164 Resp: 62870
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 46.0 37.7 56.5

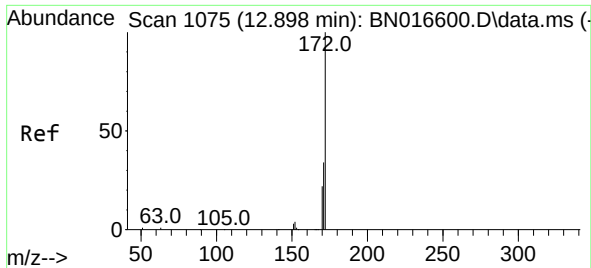


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23



Tgt Ion:330 Resp: 8531
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.8 25.2 37.8

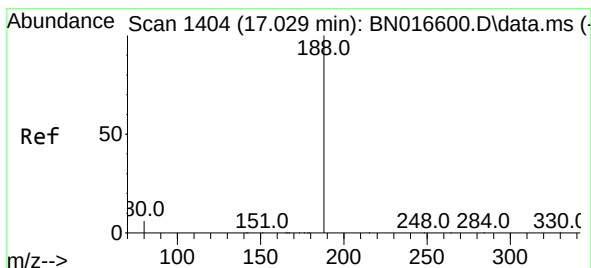
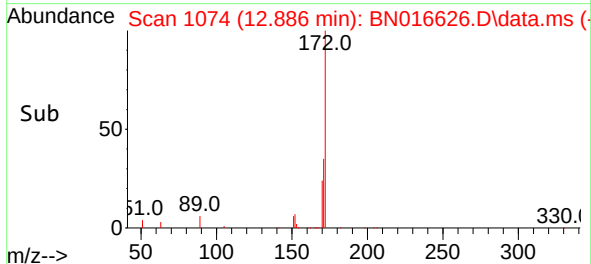
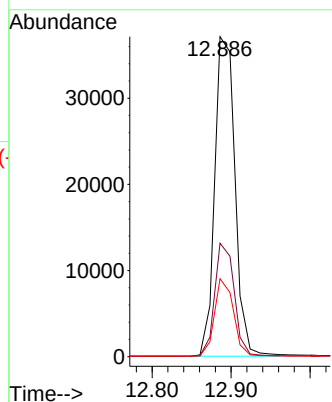
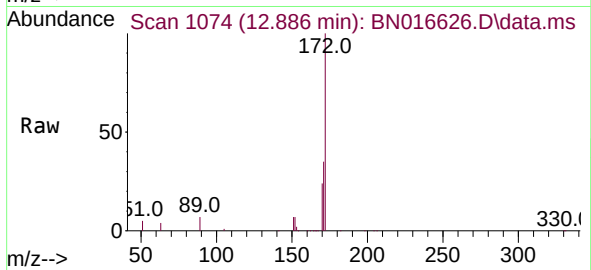




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

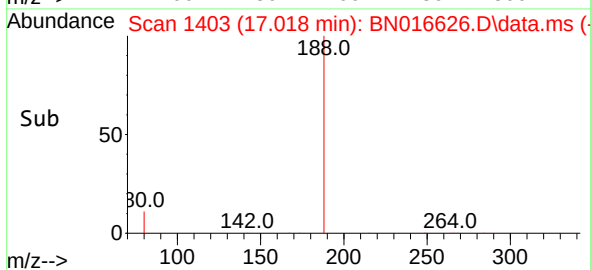
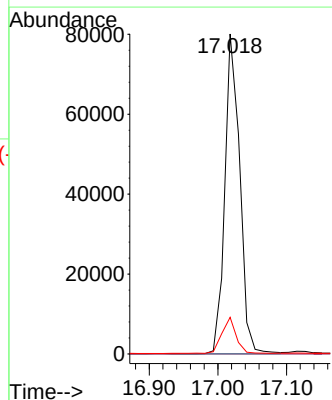
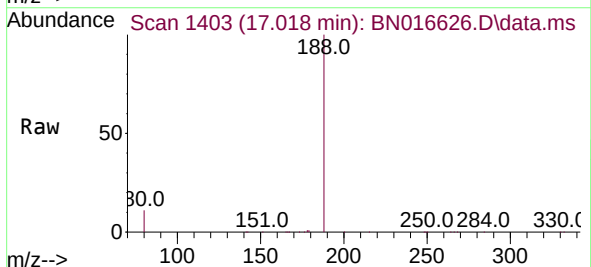
Instrument :
BNA_N
ClientSampleId :

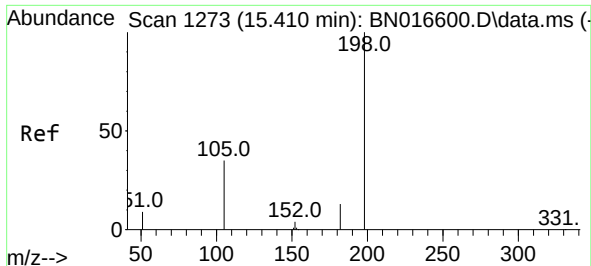
Tgt Ion:172 Resp: 66348
Ion Ratio Lower Upper
172 100
171 35.4 27.0 40.4
170 24.3 17.4 26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

Tgt Ion:188 Resp: 120423
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 5.0 7.6#

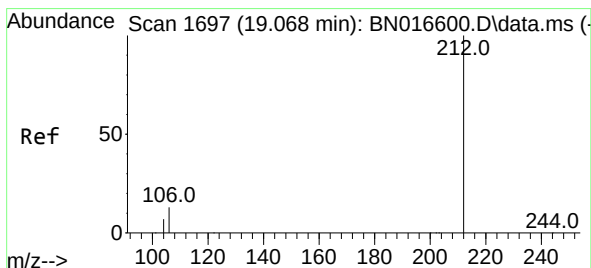
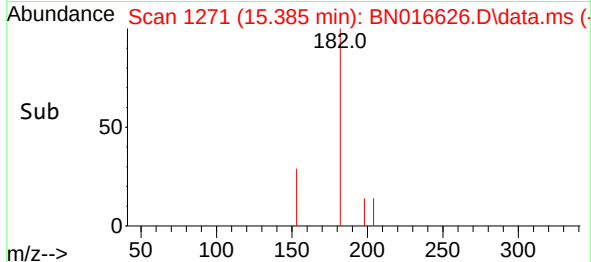
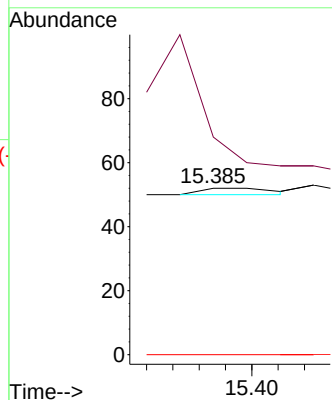
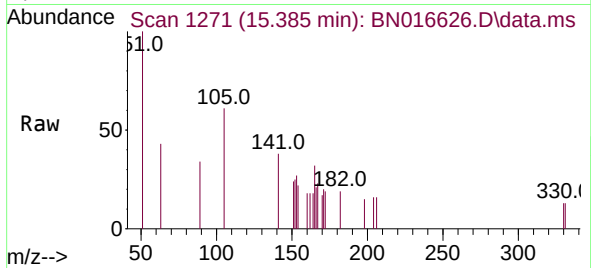




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

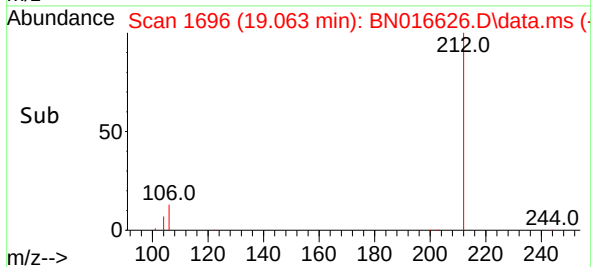
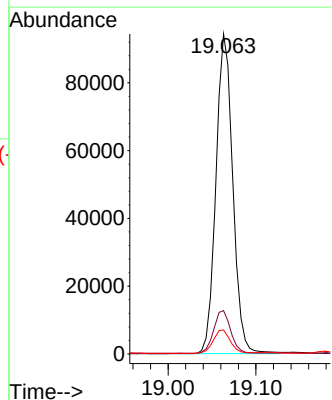
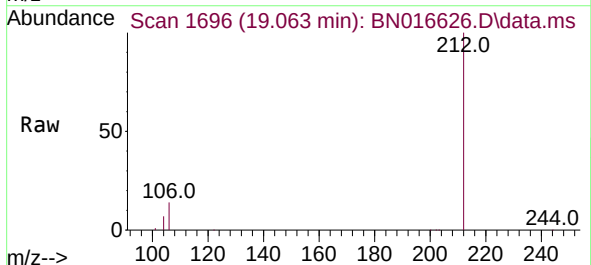
Instrument :
BNA_N
ClientSampled :

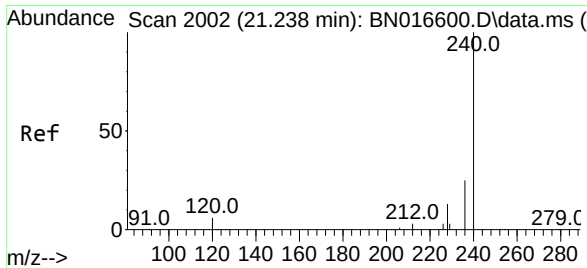
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 130.8 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

Tgt Ion:212 Resp: 125657
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.5 5.9 8.9

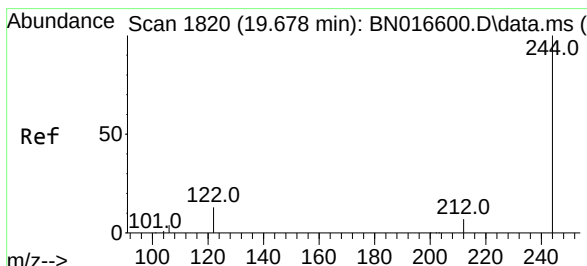
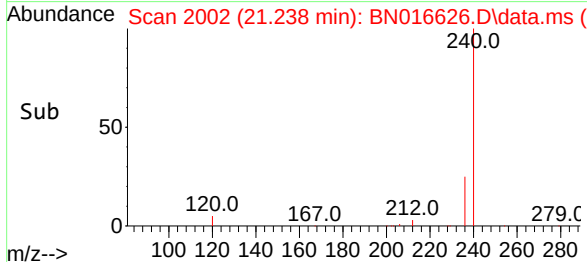
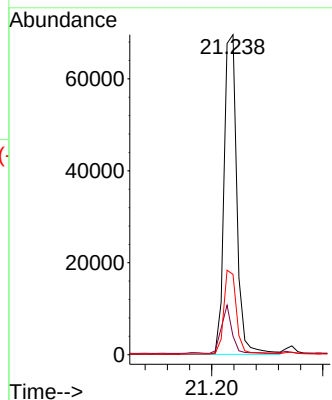
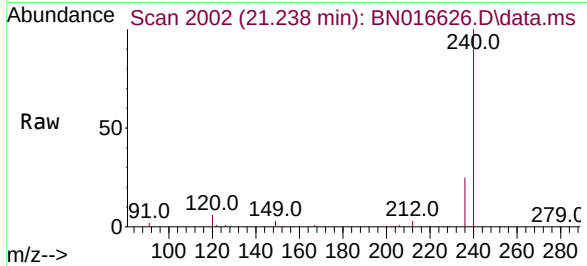




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

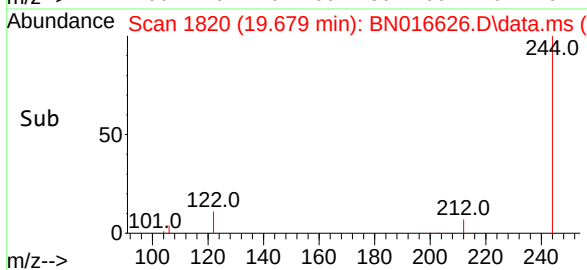
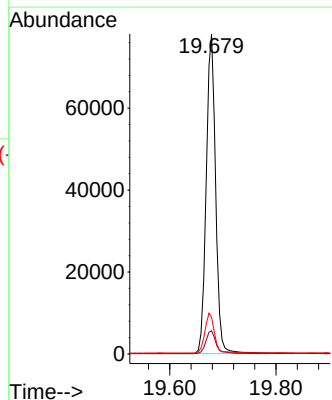
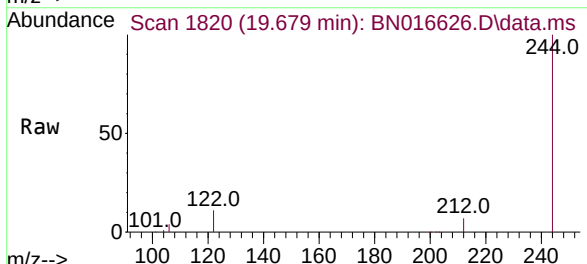
Instrument :
BNA_N
ClientSampled :

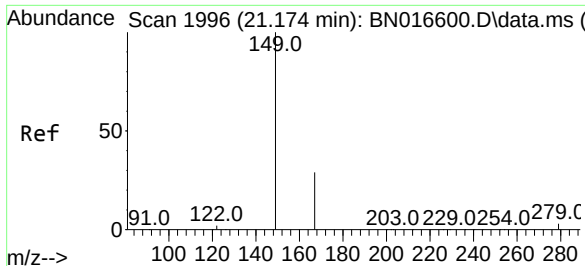
Tgt Ion:240 Resp: 110613
Ion Ratio Lower Upper
240 100
120 5.8 5.0 7.4
236 25.1 20.4 30.6



#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

Tgt Ion:244 Resp: 95566
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.5 10.1 15.1

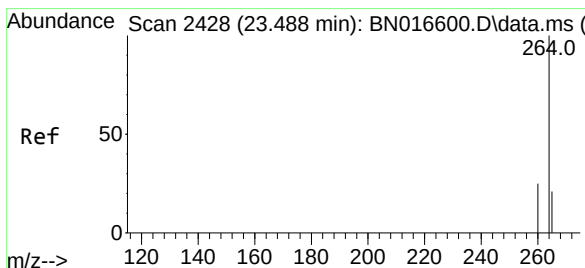
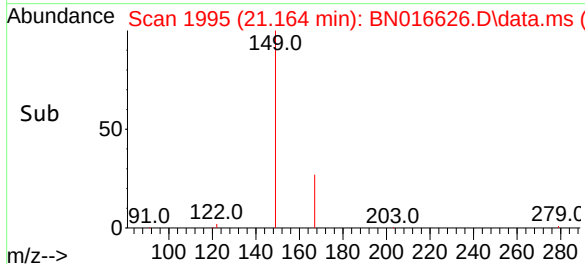
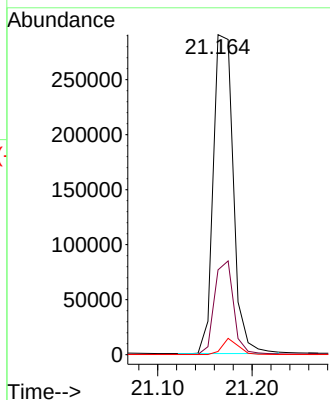
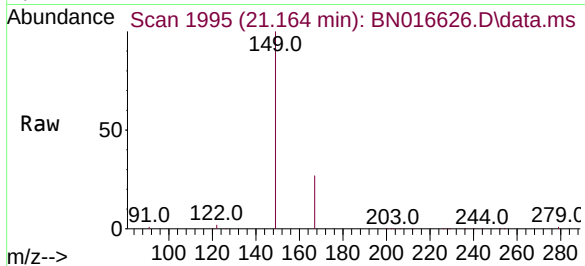




#34
Bis(2-ethylhexyl)phthalate
Concen: 3.155 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 427044
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 4.1 3.2 4.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016626.D
Acq: 01 Oct 2021 08:23

Tgt Ion:264 Resp: 112145
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 23.7 19.2 28.8

