

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016646.D
 Acq On : 01 Oct 2021 21:23
 Operator : CG/JU
 Sample : M3833-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20210920

Quant Time: Oct 02 00:53:17 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)

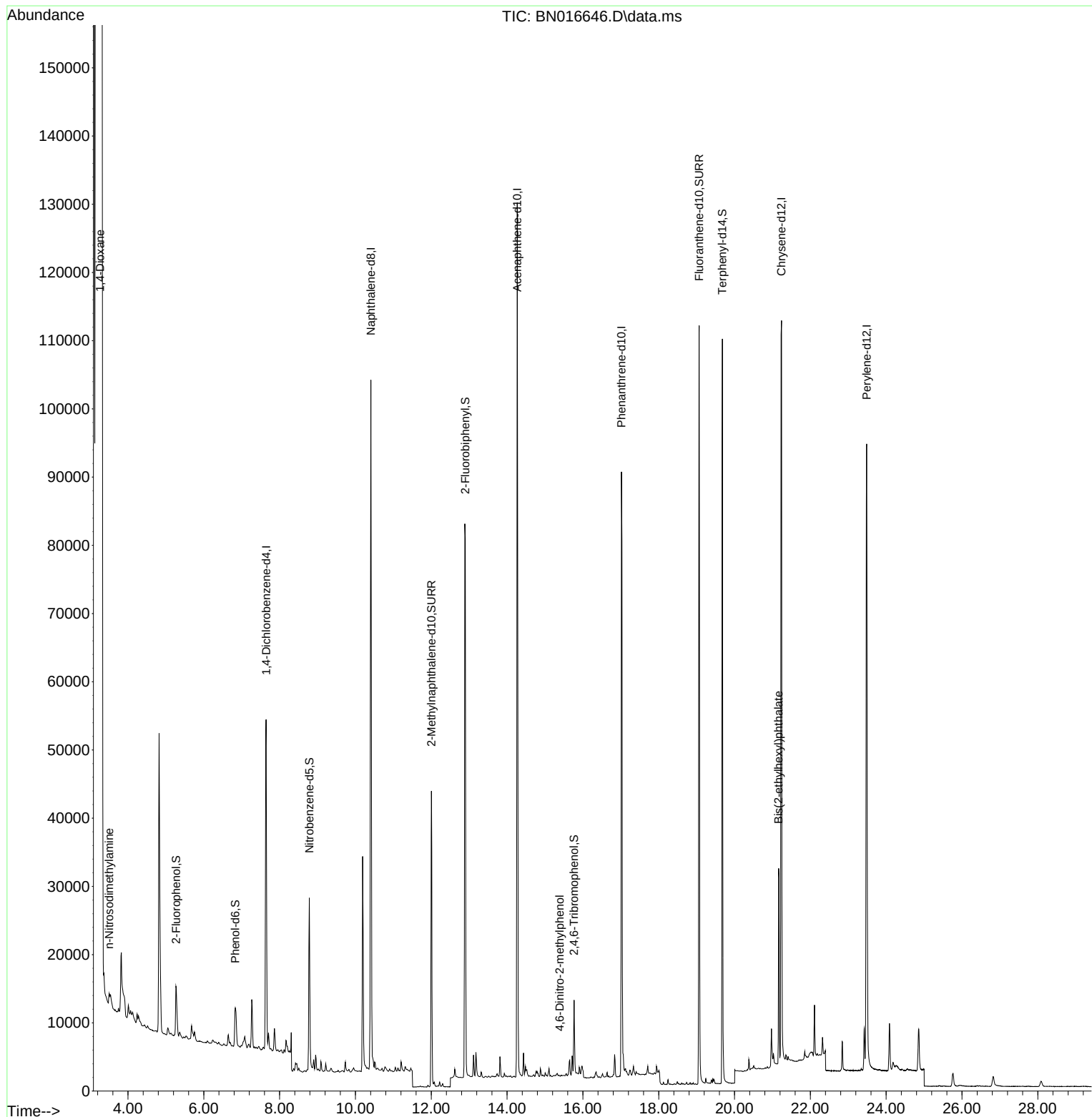
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29088	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	133173	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	71109	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	134609	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	122781	0.400	ng	0.00
35) Perylene-d12	23.484	264	127737	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	9941	0.134	ng	0.02
5) Phenol-d6	6.831	99	6064	0.075	ng	0.00
8) Nitrobenzene-d5	8.784	82	23410	0.270	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	59615	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9554	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	81420	0.283	ng	0.00
27) Fluoranthene-d10	19.068	212	130559	0.365	ng	0.00
31) Terphenyl-d14	19.678	244	108527	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	6586	0.492	ng	# 84
3) n-Nitrosodimethylamine	3.502	42	1215	0.057	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	2	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	31239	0.208	ng	100

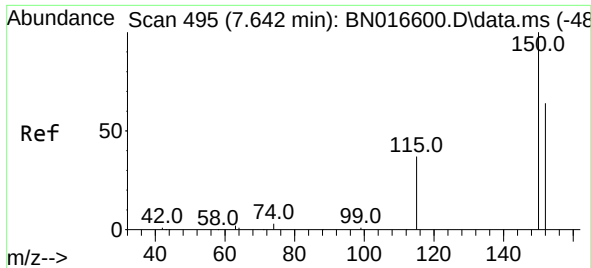
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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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

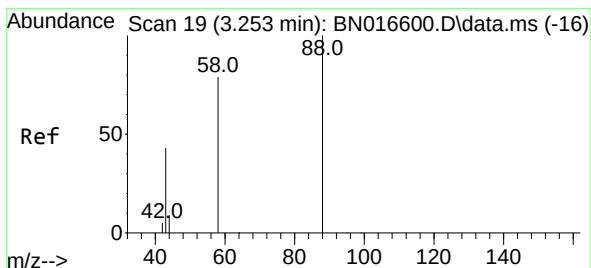
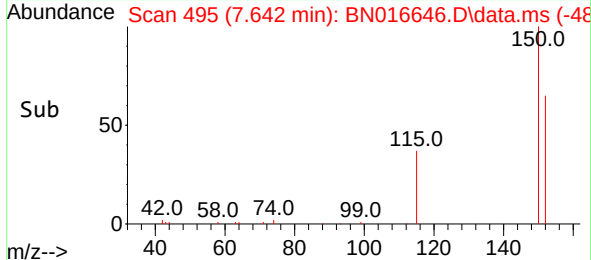
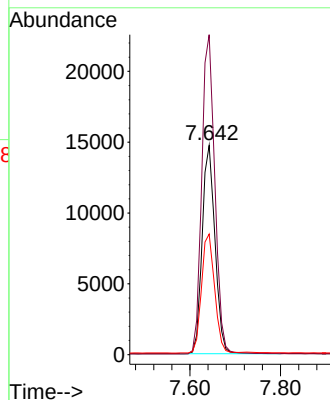
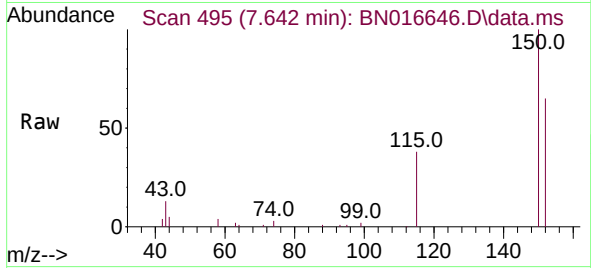




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

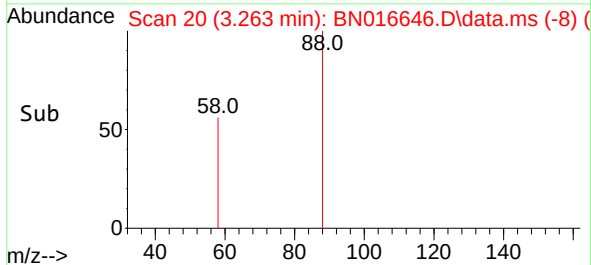
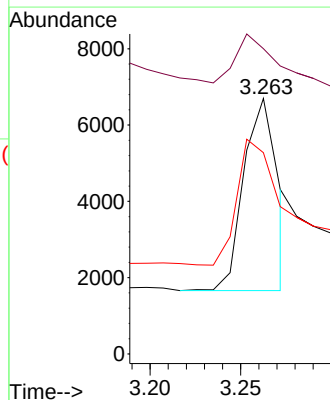
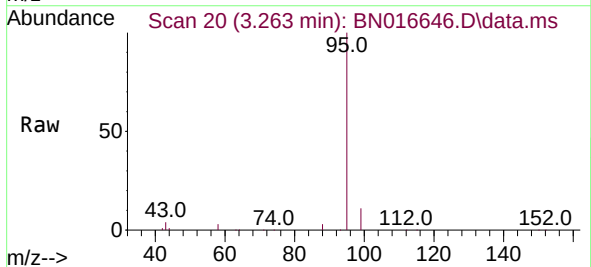
Instrument :
BNA_N
ClientSampleId :
DUP01-20210920

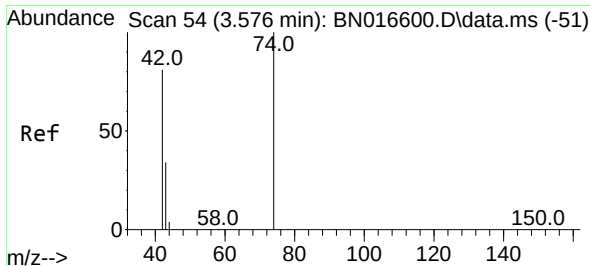
Tgt Ion:152 Resp: 29088
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 57.6 46.5 69.7



#2
1,4-Dioxane
Concen: 0.492 ng
RT: 3.263 min Scan# 20
Delta R.T. 0.009 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion: 88 Resp: 6586
Ion Ratio Lower Upper
88 100
43 25.3 37.8 56.8#
58 71.4 61.3 91.9

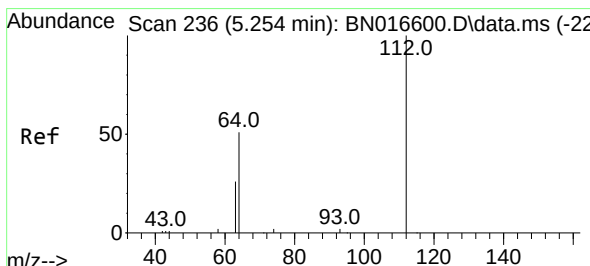
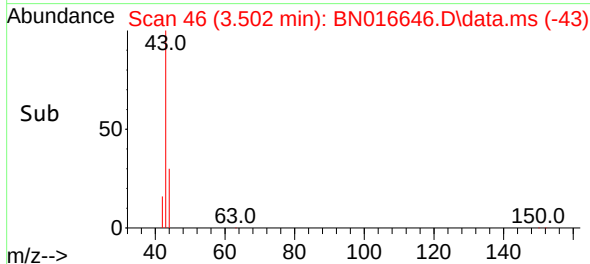
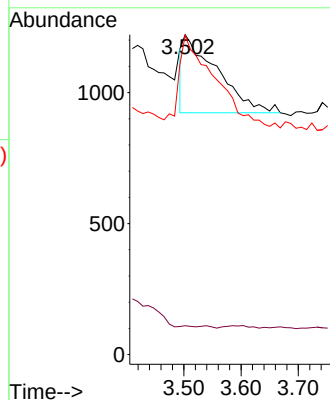
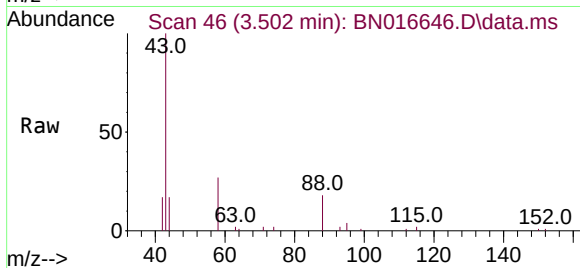




#3
n-Nitrosodimethylamine
Concen: 0.057 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

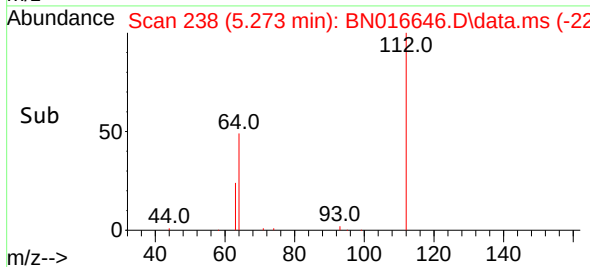
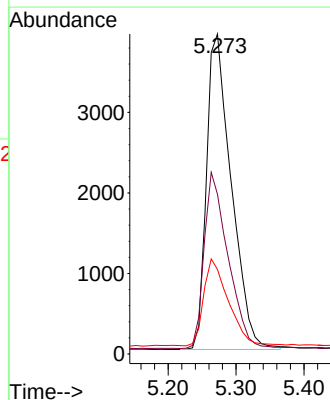
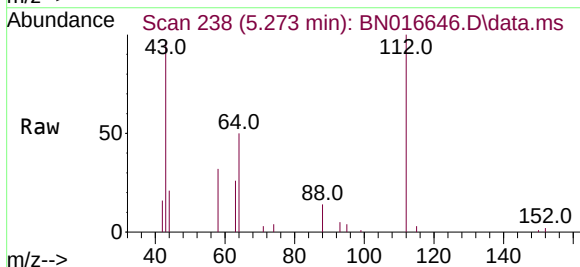
Instrument :
BNA_N
ClientSampleId :
DUP01-20210920

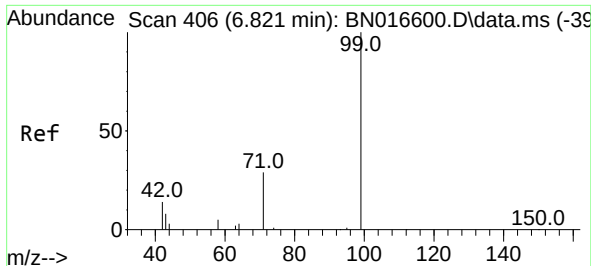
Tgt Ion: 42 Resp: 1215
Ion Ratio Lower Upper
42 100
74 0.0 121.6 182.4#
44 107.1 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion: 112 Resp: 9941
Ion Ratio Lower Upper
112 100
64 53.7 43.1 64.7
63 27.2 21.6 32.4

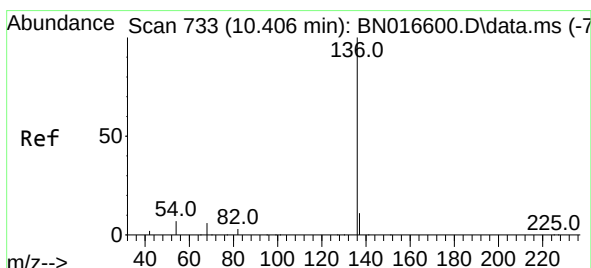
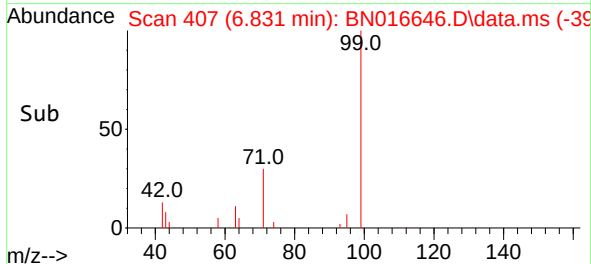
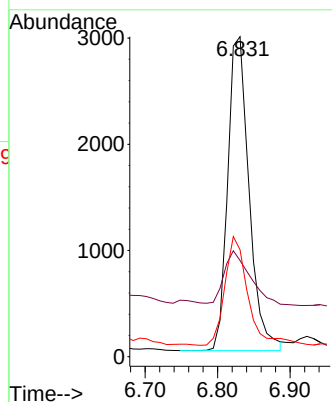
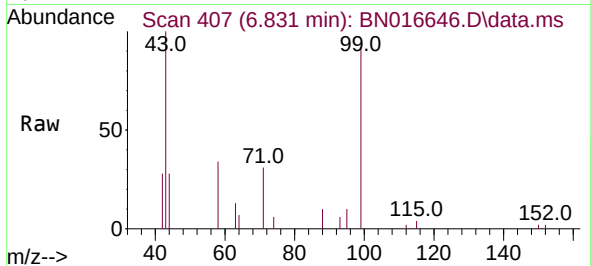




#5
Phenol-d6
Concen: 0.075 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

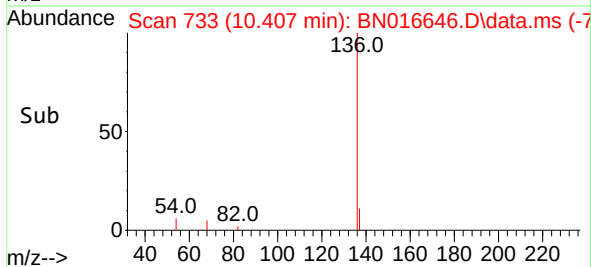
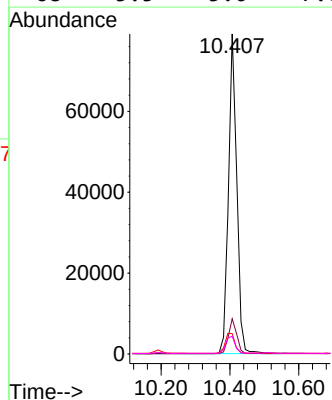
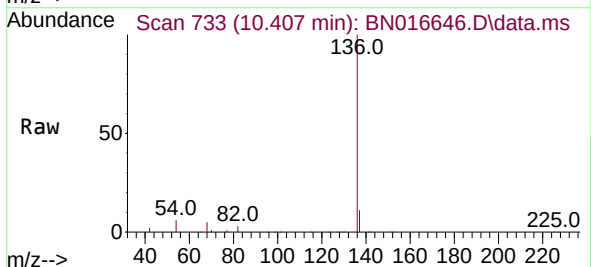
Instrument :
BNA_N
ClientSampleId :
DUP01-20210920

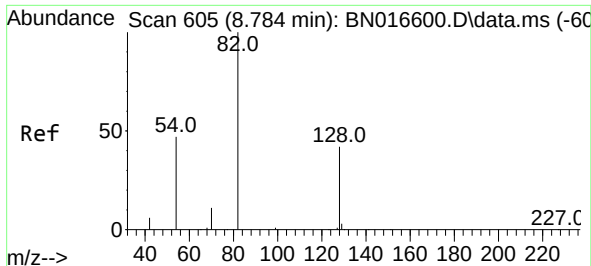
Tgt Ion: 99	Resp: 6064
Ion Ratio	Lower Upper
99 100	
42 20.2	13.0 19.6#
71 35.9	23.5 35.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion: 136	Resp: 133173
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 6.3	5.9 8.9
68 5.5	5.0 7.6

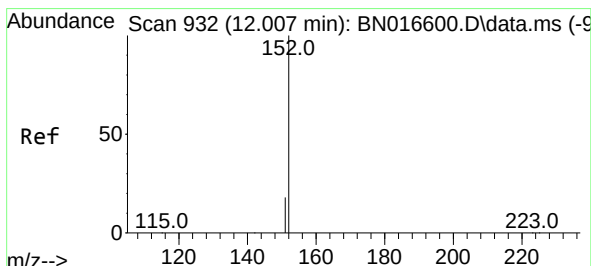
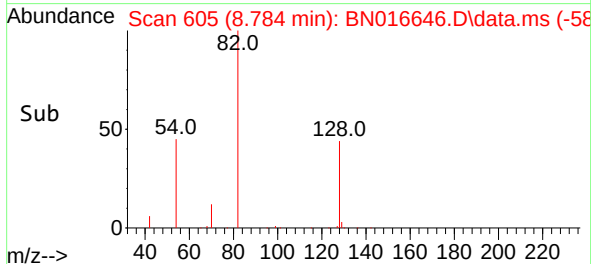
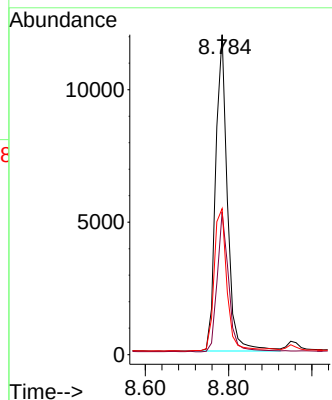
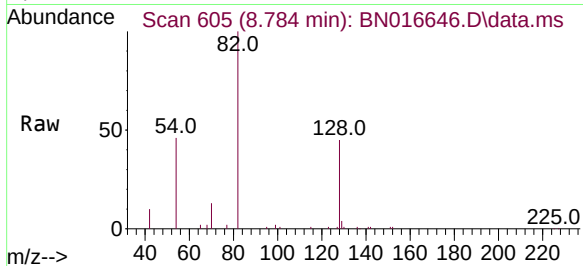




#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

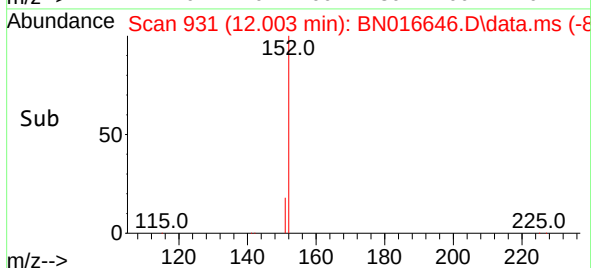
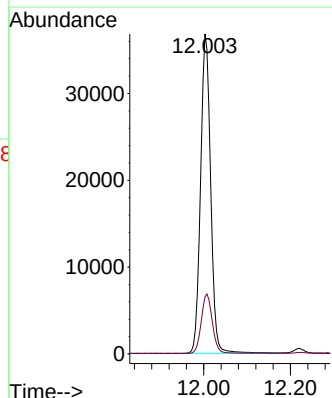
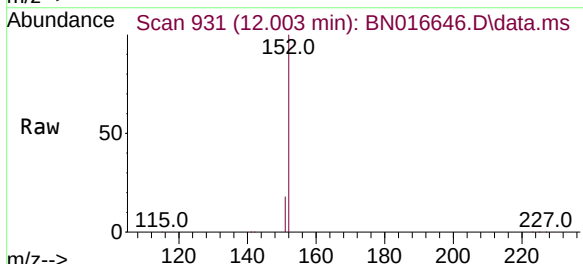
Instrument :
BNA_N
ClientSampleId :
DUP01-20210920

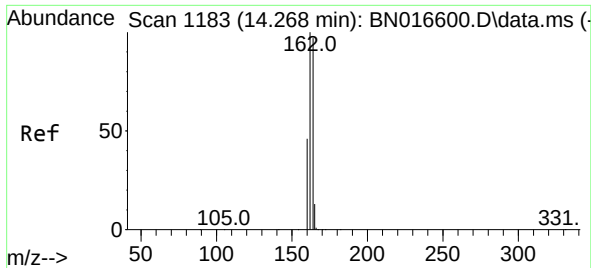
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.6	50.4
54	45.6	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

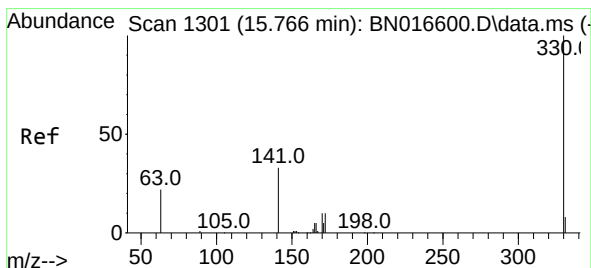
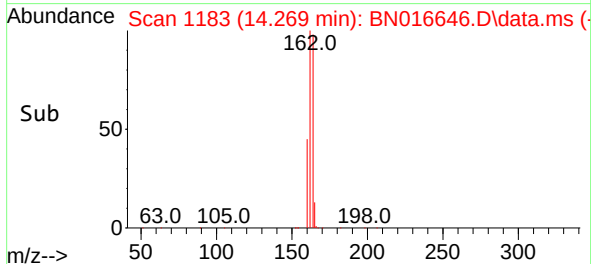
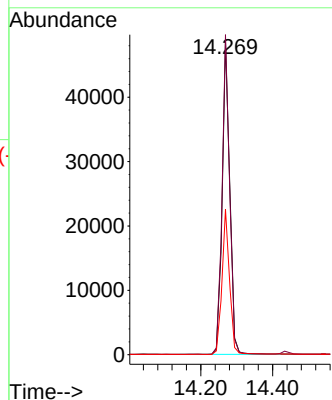
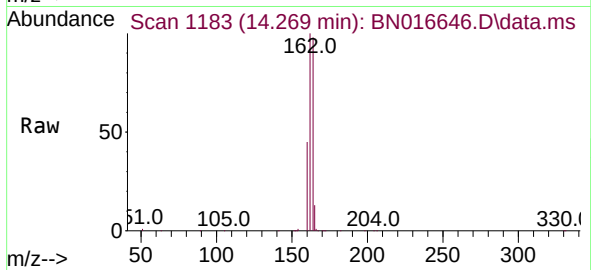




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

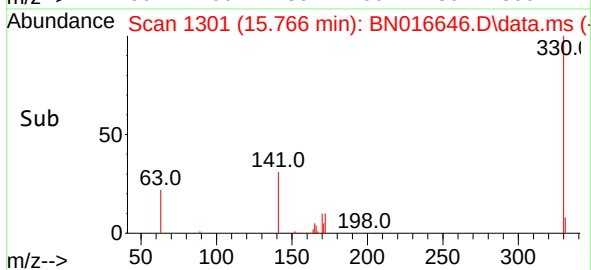
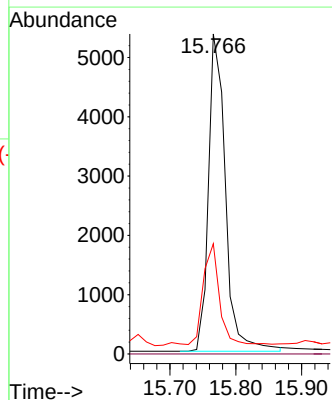
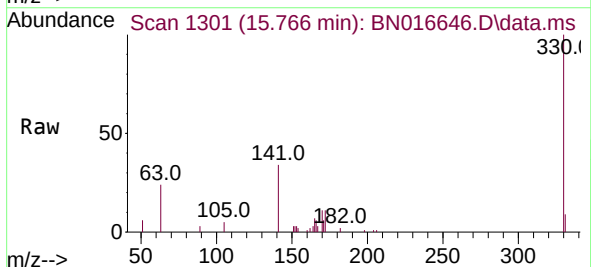
Instrument :
BNA_N
ClientSampleId :
DUP01-20210920

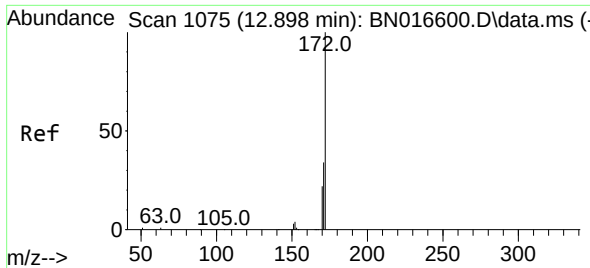
Tgt Ion:164 Resp: 71109
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 46.4 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion:330 Resp: 9554
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 25.2 37.8

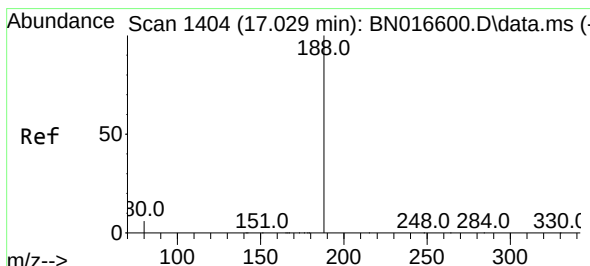
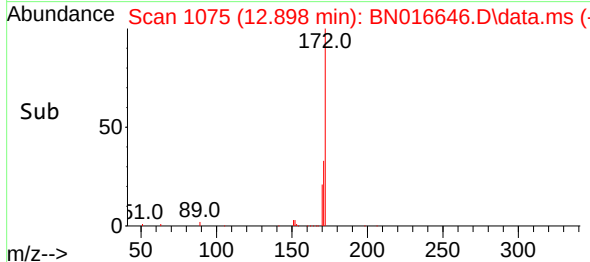
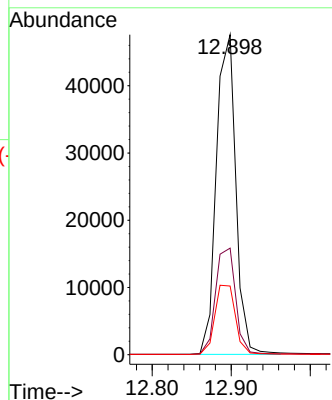
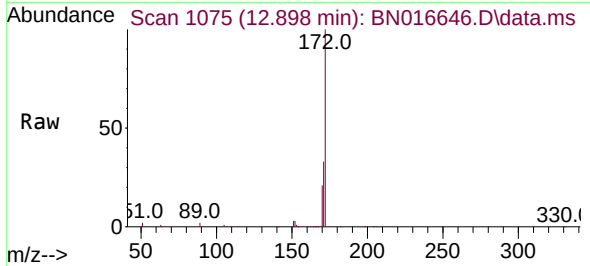




#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

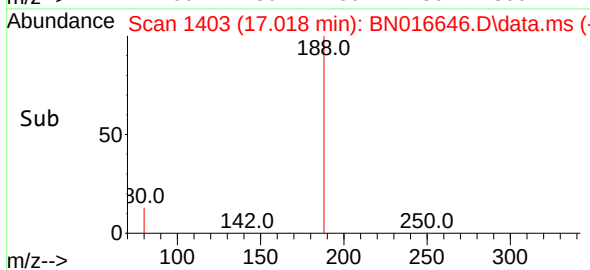
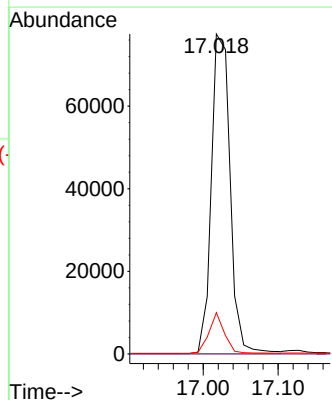
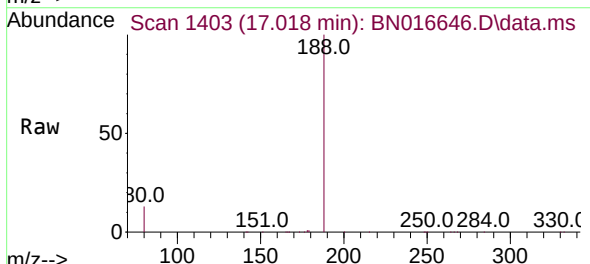
Instrument :
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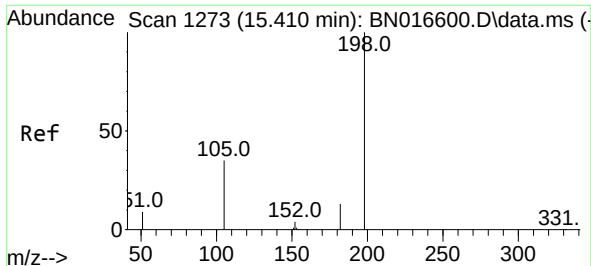
Tgt Ion:	172	Resp:	81420
Ion Ratio	Lower	Upper	
172	100		
171	33.3	27.0	40.4
170	21.4	17.4	26.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion:	188	Resp:	134609
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.9	5.0	7.6#

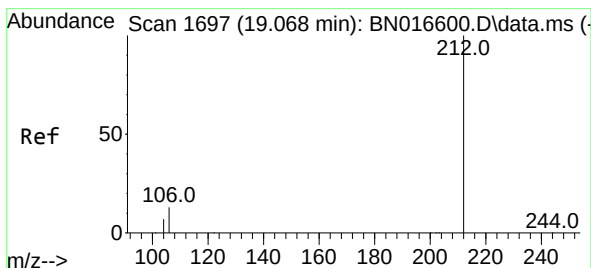
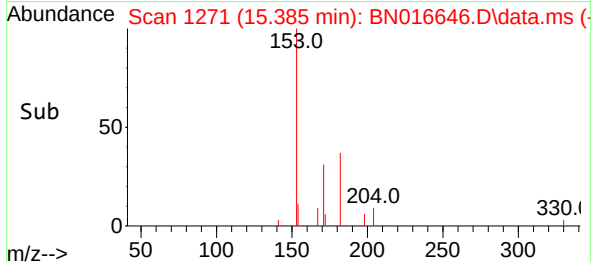
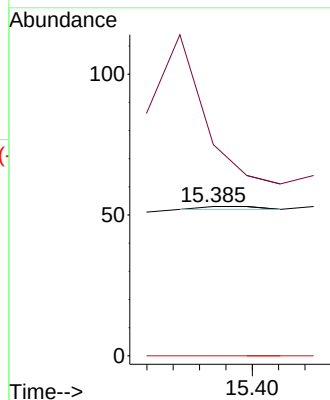
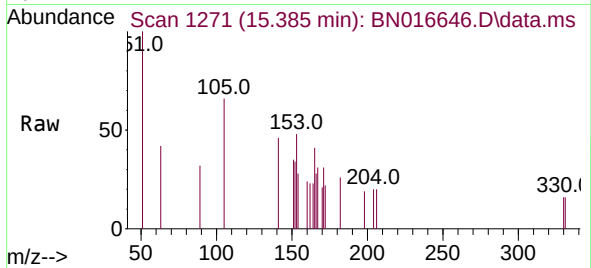




#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

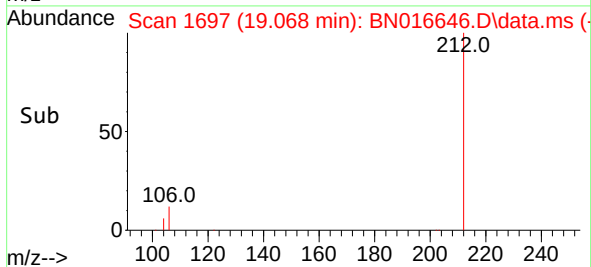
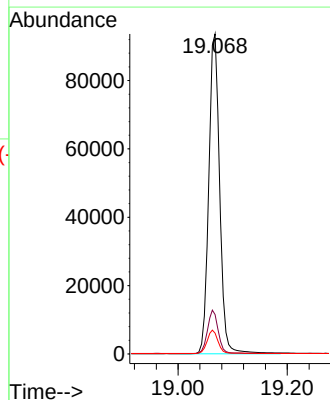
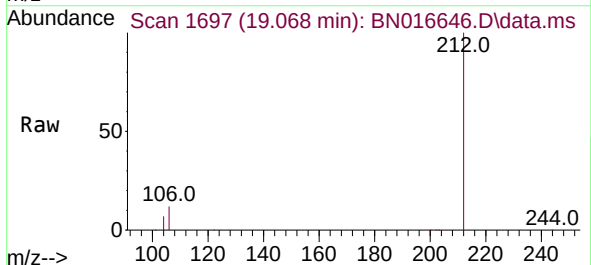
Instrument :
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DUP01-20210920

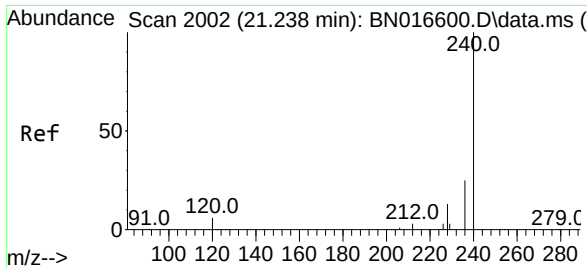
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 141.5 11.8 17.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion:212 Resp: 130559
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.2 5.9 8.9

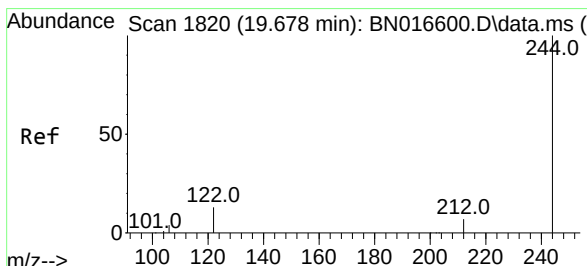
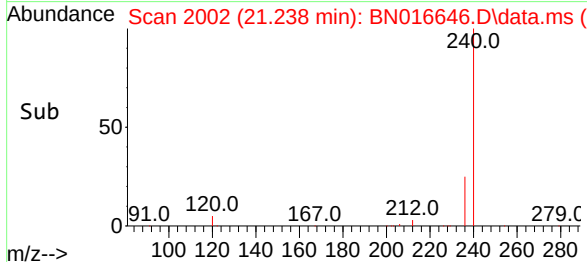
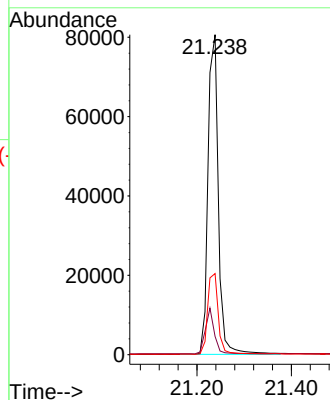
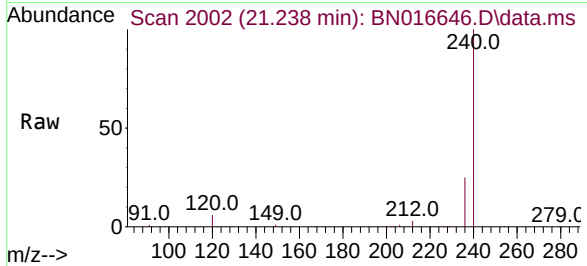




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

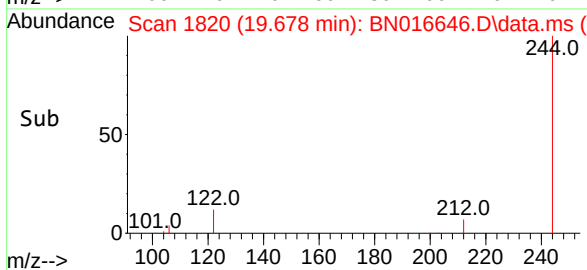
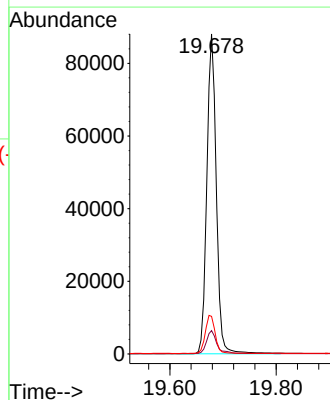
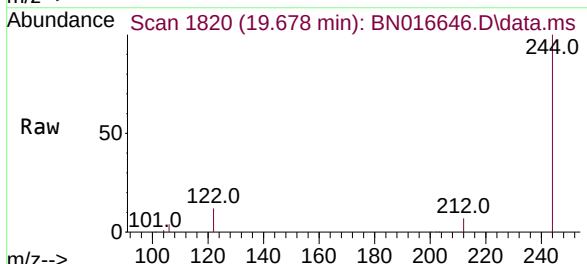
Instrument :
BNA_N
ClientSampleId :
DUP01-20210920

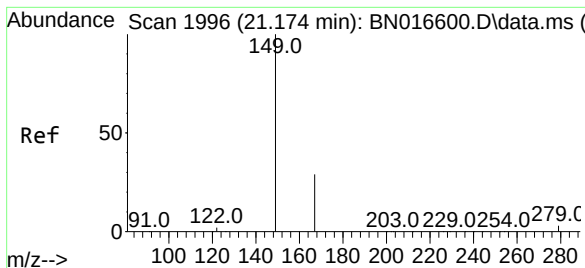
Tgt Ion:240 Resp: 122781
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.4
236 25.4 20.4 30.6



#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016646.D
Acq: 01 Oct 2021 21:23

Tgt Ion:244 Resp: 108527
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.7 10.1 15.1

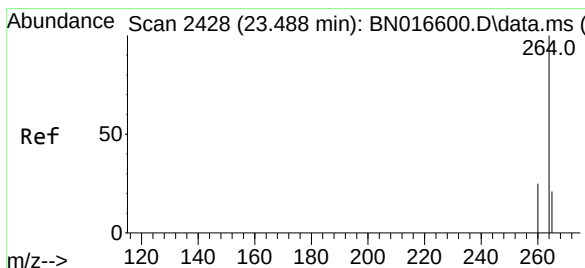
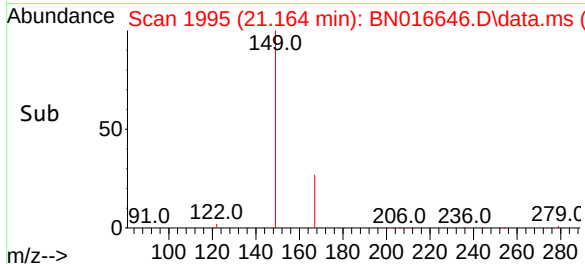
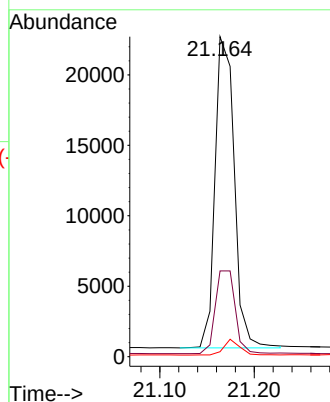
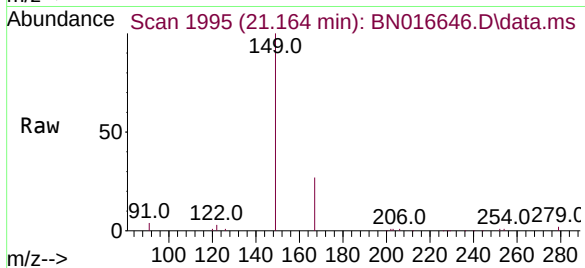




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.208 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016646.D
 Acq: 01 Oct 2021 21:23

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20210920

Tgt Ion:	149	Resp:	31239
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.4
279	4.2	3.2	4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016646.D
 Acq: 01 Oct 2021 21:23

Tgt Ion:	264	Resp:	127737
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.9	29.9
265	23.5	19.2	28.8

