

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016396.D
 Acq On : 22 Sep 2021 04:49
 Operator : CG/JU
 Sample : M3781-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20210915

Quant Time: Sep 22 05:32:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

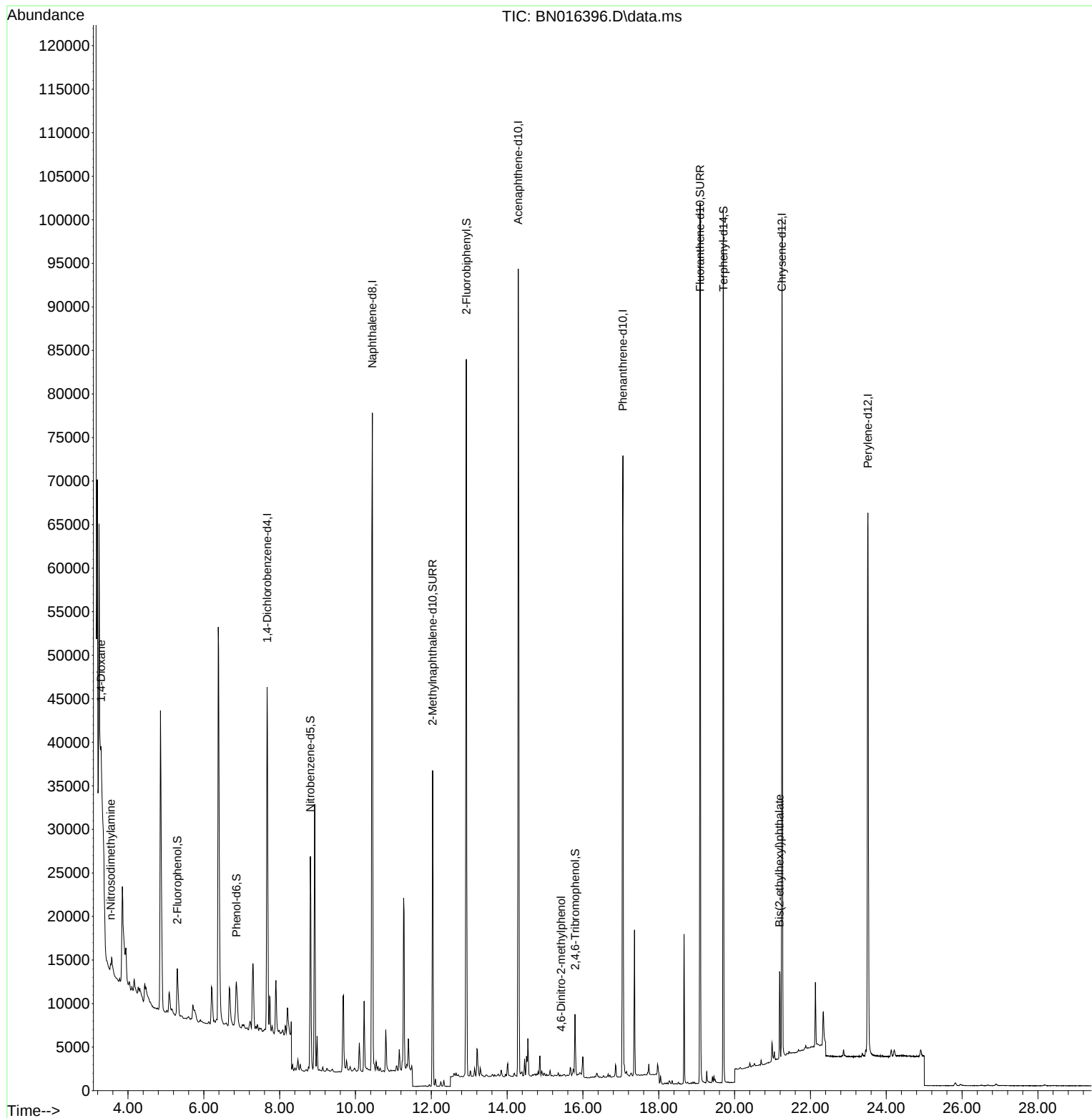
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23116	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	103548	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	54075	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	105866	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	93386	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	83309	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6716	0.116	ng	0.02
5) Phenol-d6	6.859	99	4538	0.065	ng	0.00
8) Nitrobenzene-d5	8.810	82	19837	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	49364	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4775	0.301	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	69322	0.328	ng	0.00
27) Fluoranthene-d10	19.088	212	114568	0.374	ng	0.00
31) Terphenyl-d14	19.703	244	99742	0.461	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	2113	0.220	ng	# 90
3) n-Nitrosodimethylamine	3.548	42	1073	0.049	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.423	198	19	0.149	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.185	149	10647	0.066	ng	98

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

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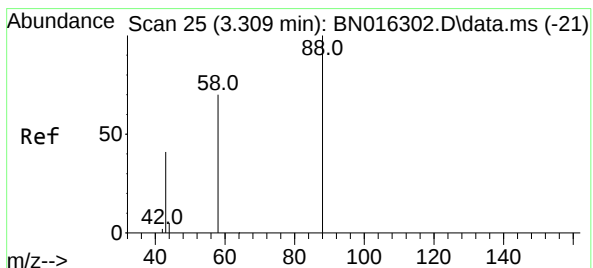
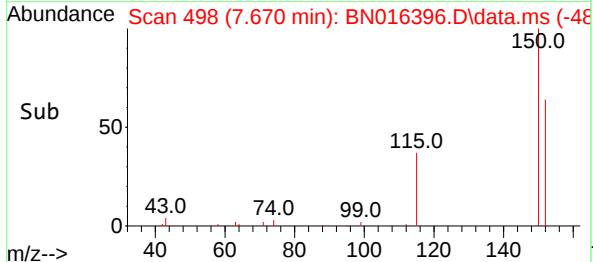
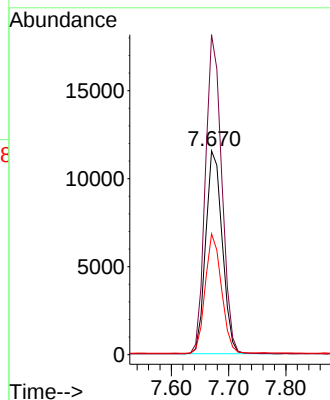
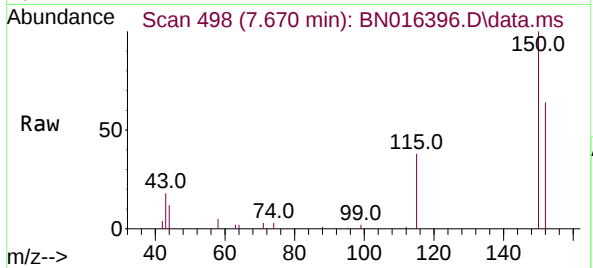




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016396.D
 Acq: 22 Sep 2021 04:49

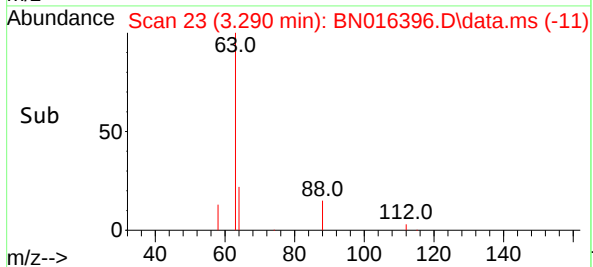
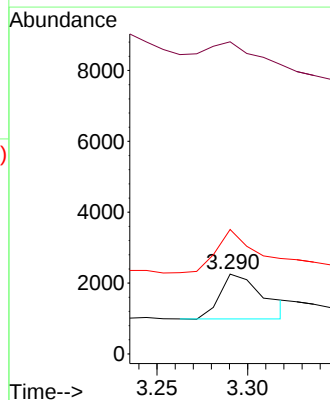
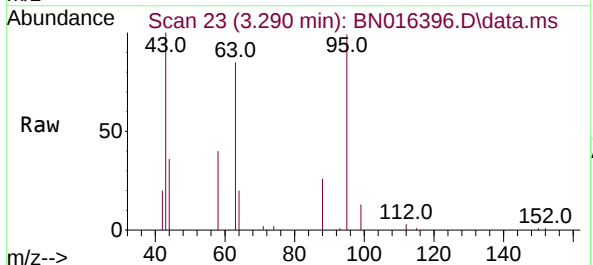
Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20210915

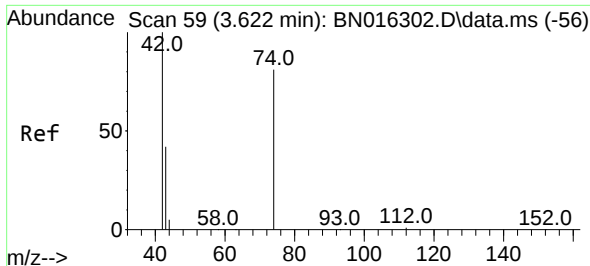
Tgt Ion: 152 Resp: 23116
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.6 188.4
 115 59.2 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.220 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016396.D
 Acq: 22 Sep 2021 04:49

Tgt Ion: 88 Resp: 2113
 Ion Ratio Lower Upper
 88 100
 43 43.1 20.3 30.5#
 58 89.9 69.9 104.9

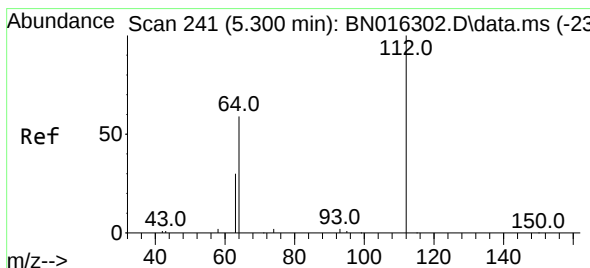
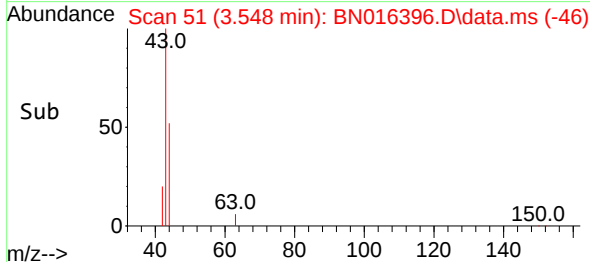
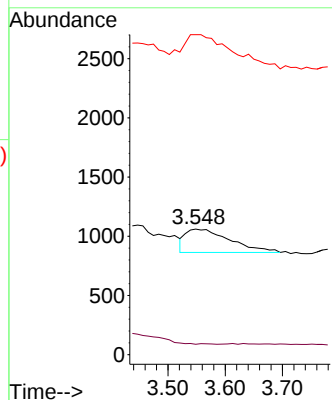
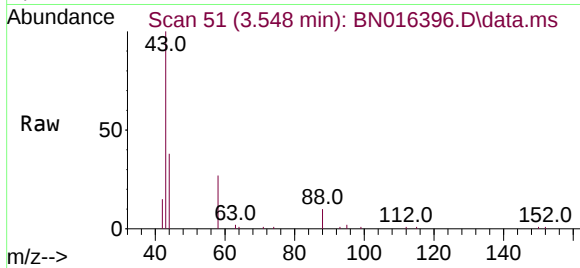




#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.548 min Scan# 51
Delta R.T. -0.055 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

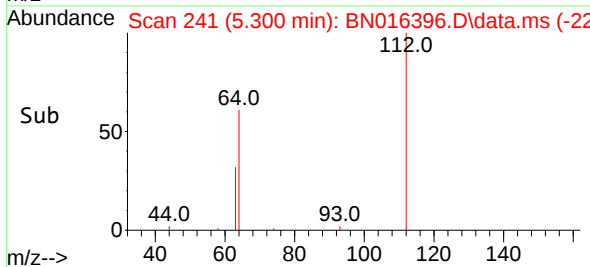
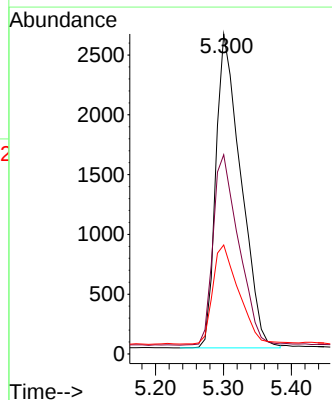
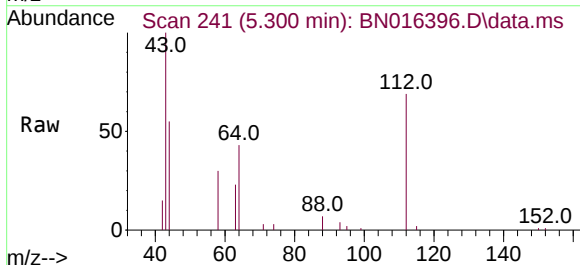
Instrument :
BNA_N
ClientSampleId :
RE135D3-20210915

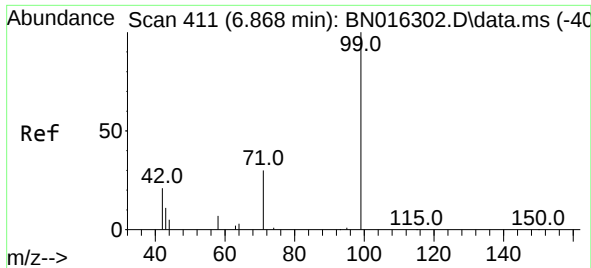
Tgt Ion: 42 Resp: 1073
Ion Ratio Lower Upper
42 100
74 0.6 113.6 170.4#
44 152.8 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

Tgt Ion: 112 Resp: 6716
Ion Ratio Lower Upper
112 100
64 62.1 47.3 70.9
63 32.7 23.4 35.0

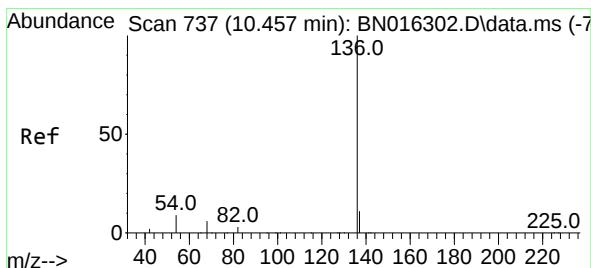
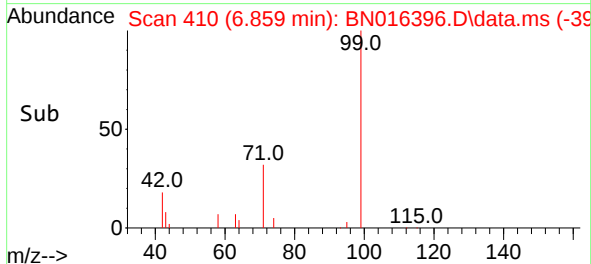
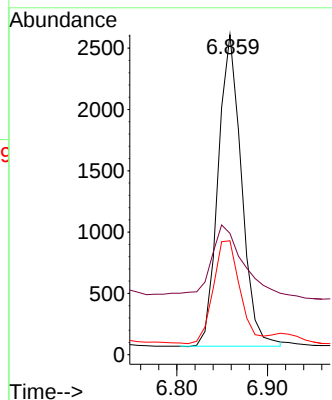
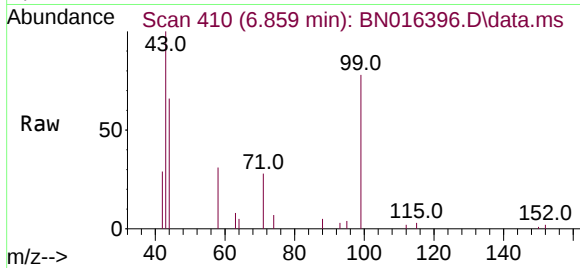




#5
Phenol-d6
Concen: 0.065 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

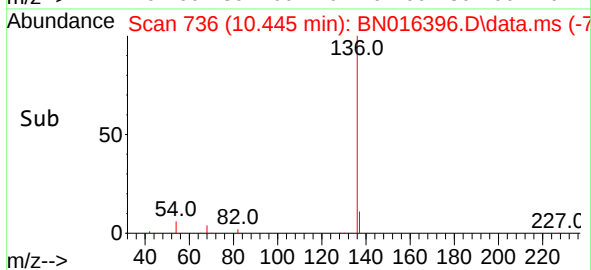
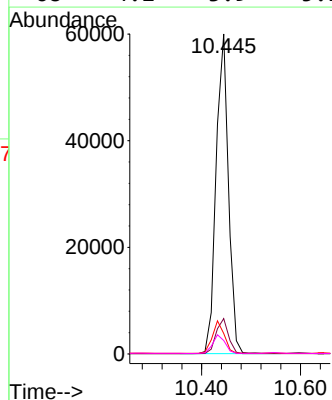
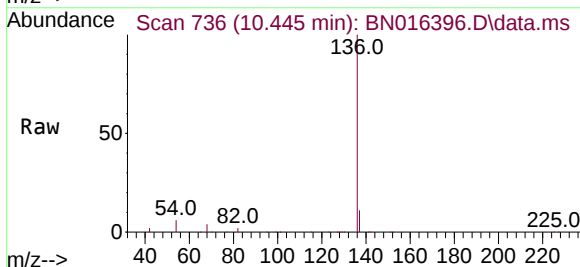
Instrument :
BNA_N
ClientSampleId :
RE135D3-20210915

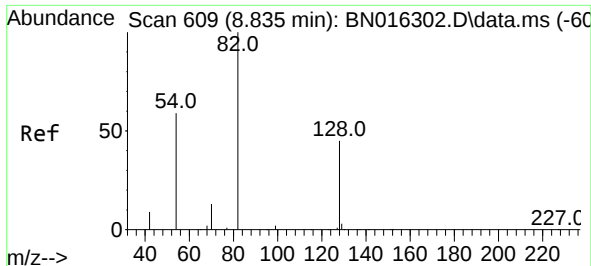
Tgt Ion: 99 Resp: 4538
Ion Ratio Lower Upper
99 100
42 28.2 14.0 21.0#
71 38.1 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

Tgt Ion: 136 Resp: 103548
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.3 7.9
68 4.2 3.9 5.9

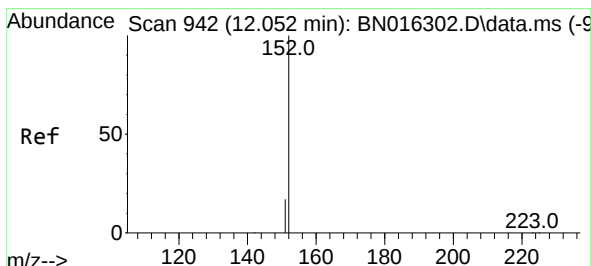
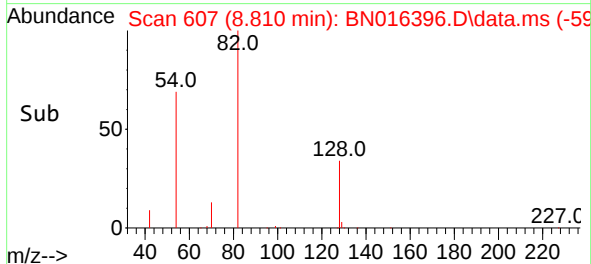
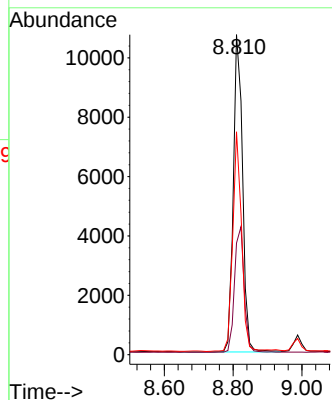
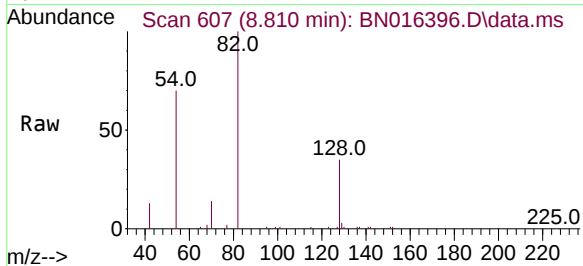




#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

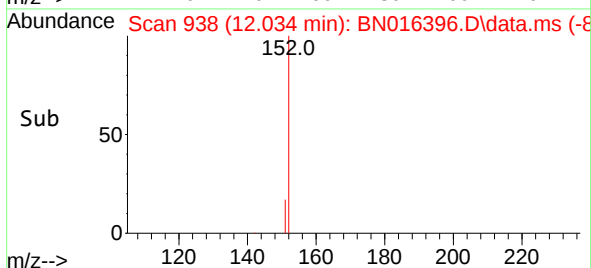
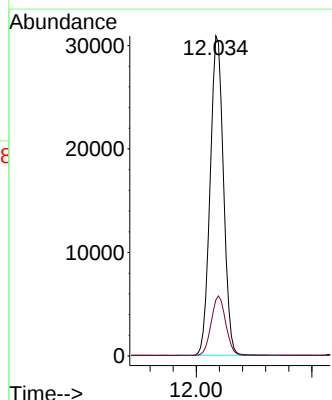
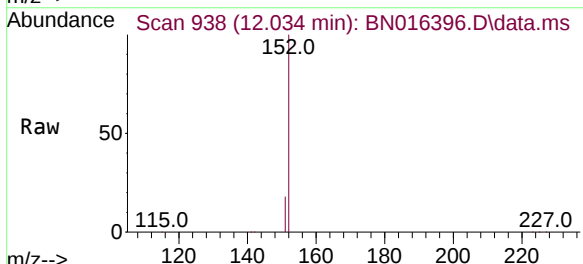
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ClientSampleId :
RE135D3-20210915

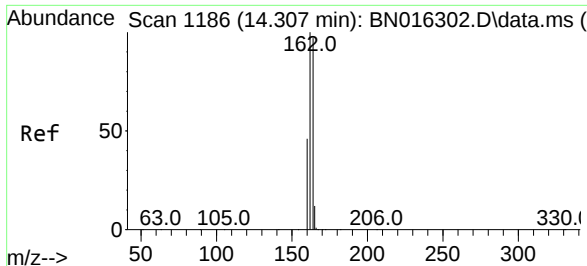
Tgt Ion: 82 Resp: 19837
Ion Ratio Lower Upper
82 100
128 34.9 31.7 47.5
54 69.6 46.4 69.6#



#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.034 min Scan# 938
Delta R.T. -0.004 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

Tgt Ion: 152 Resp: 49364
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1

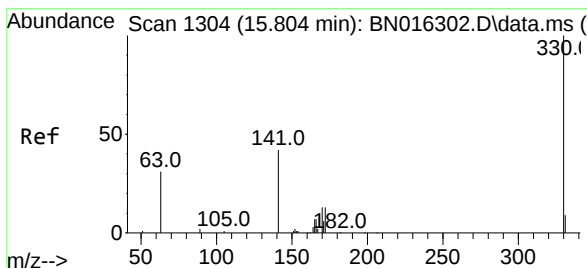
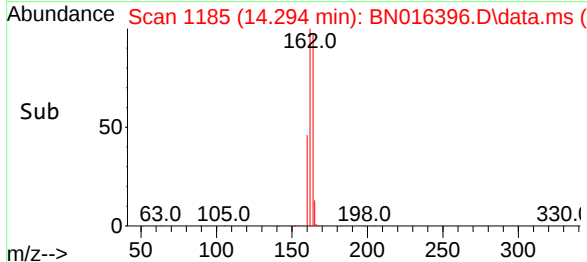
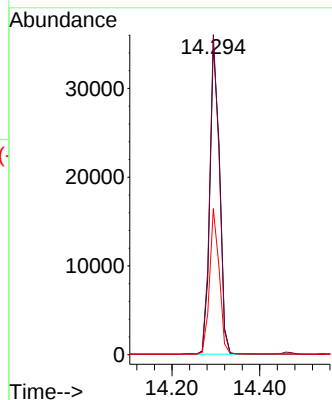
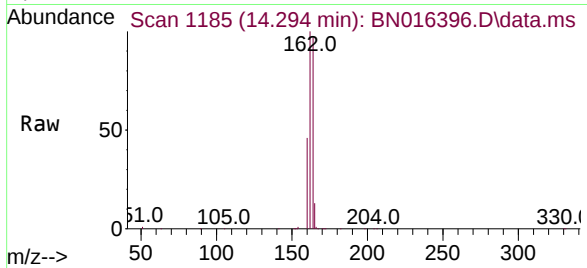




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

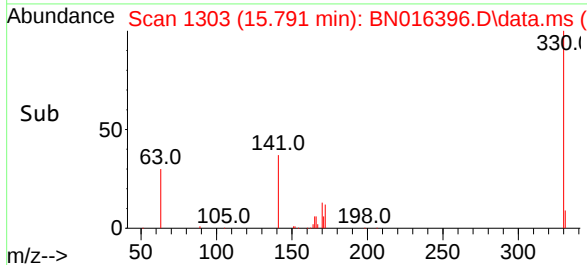
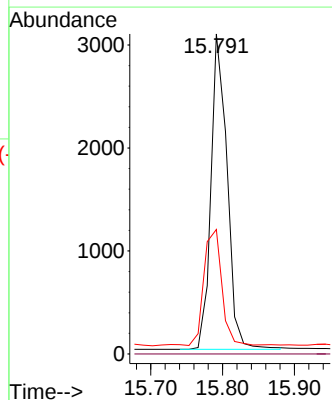
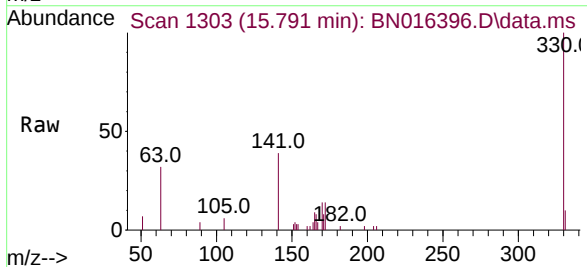
Instrument :
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ClientSampleId :
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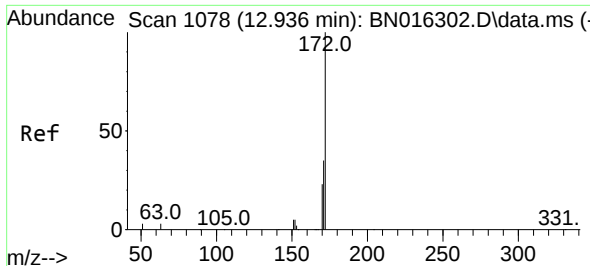
Tgt Ion:164 Resp: 54075
Ion Ratio Lower Upper
164 100
162 102.7 79.0 118.4
160 46.9 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

Tgt Ion:330 Resp: 4775
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.6 25.0 37.4#

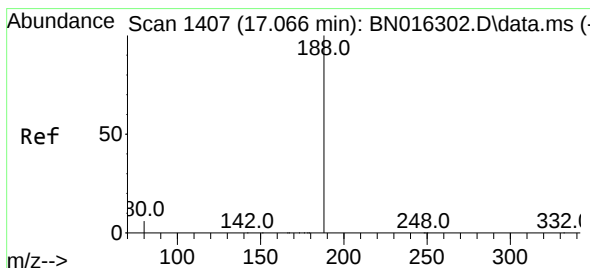
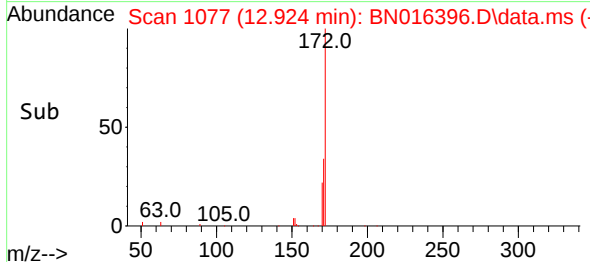
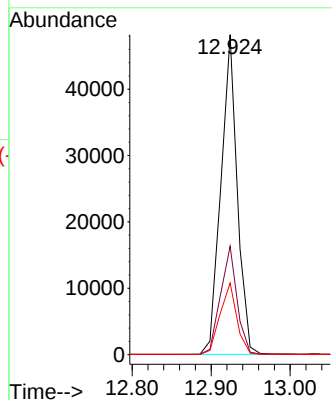
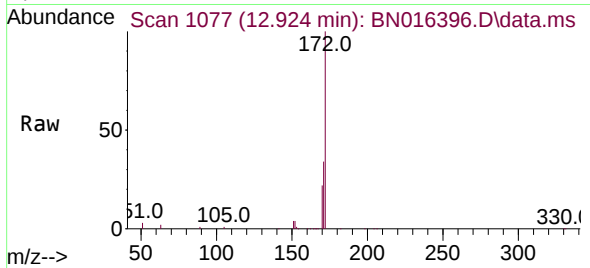




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

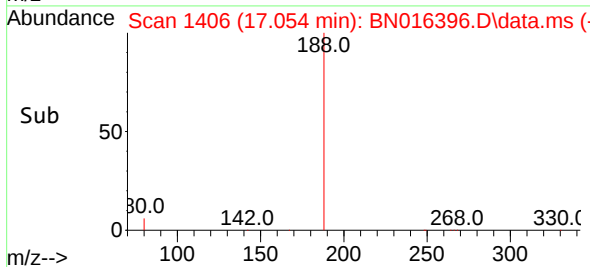
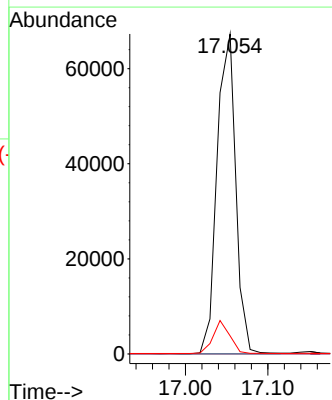
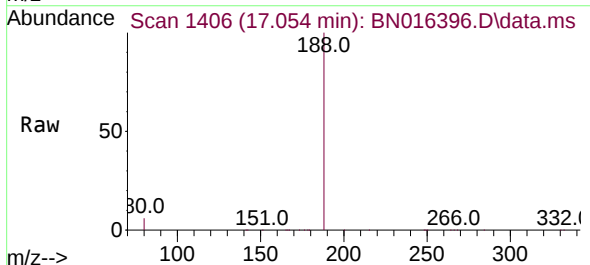
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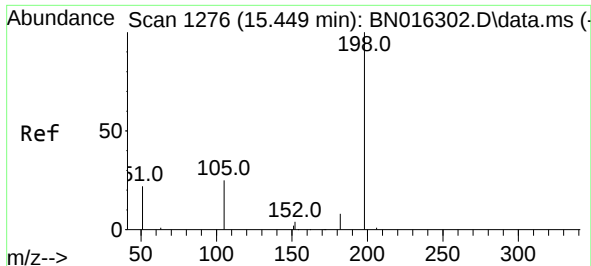
Tgt Ion:172 Resp: 69322
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.6
170 22.4 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

Tgt Ion:188 Resp: 105866
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.7 7.0 10.6#

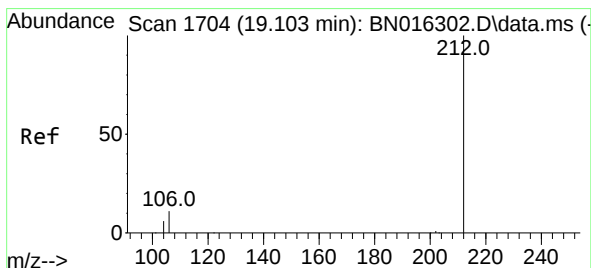
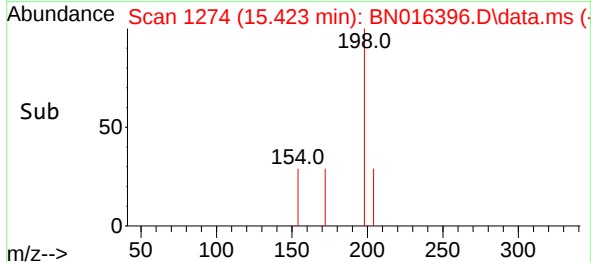
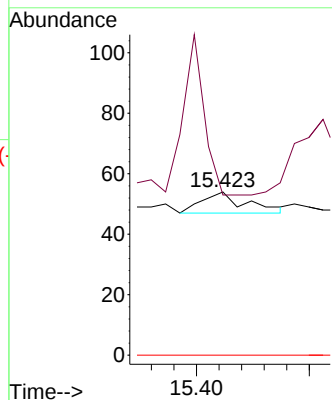
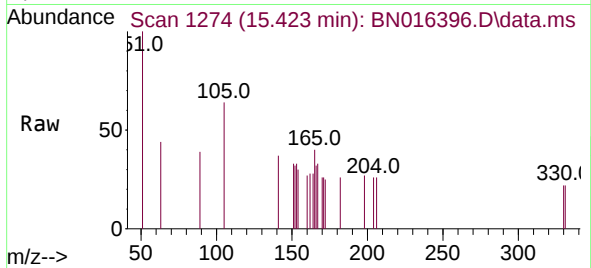




#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

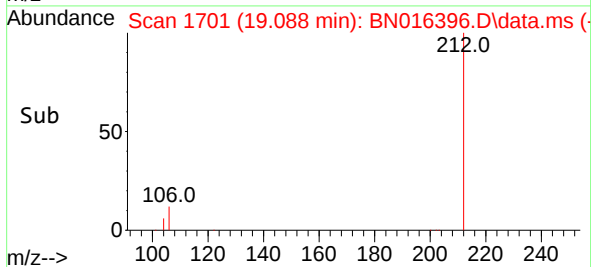
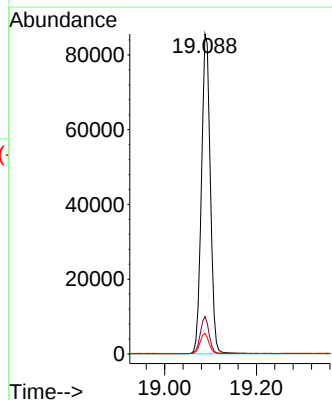
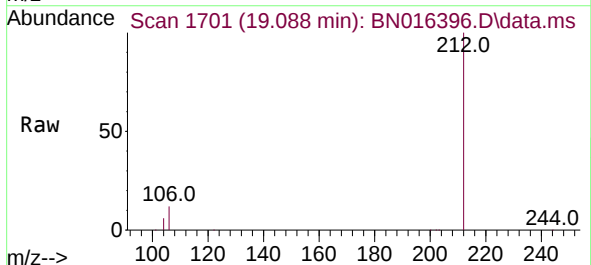
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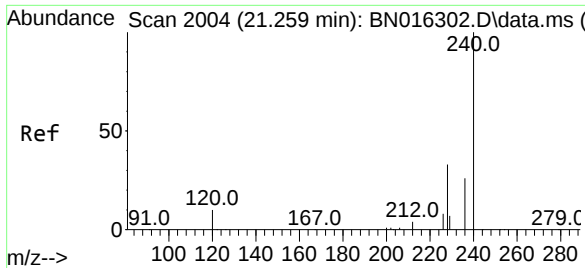
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
182 98.1 26.6 39.8#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

Tgt Ion:212 Resp: 114568
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.2 5.4 8.2

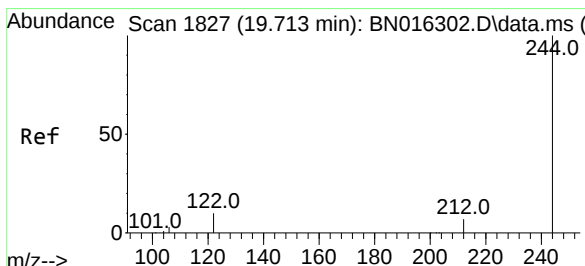
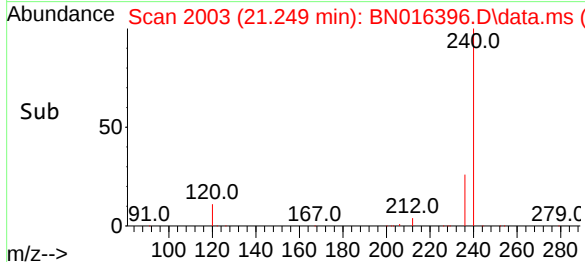
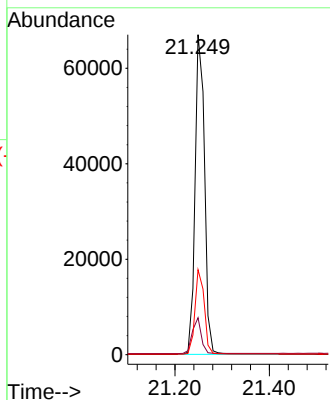
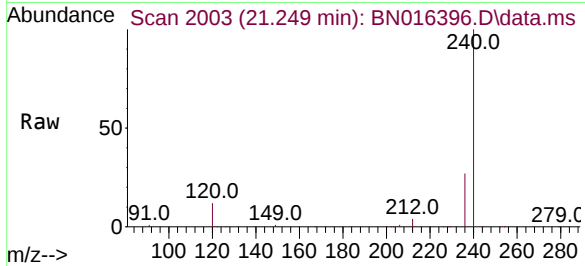




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

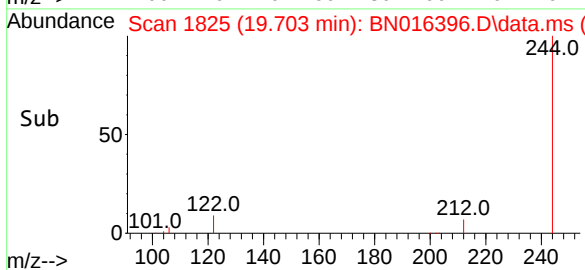
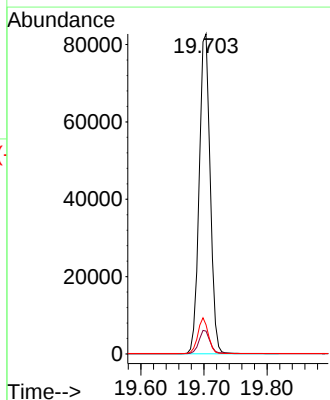
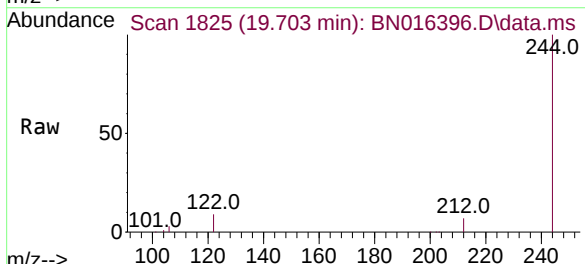
Instrument :
BNA_N
ClientSampleId :
RE135D3-20210915

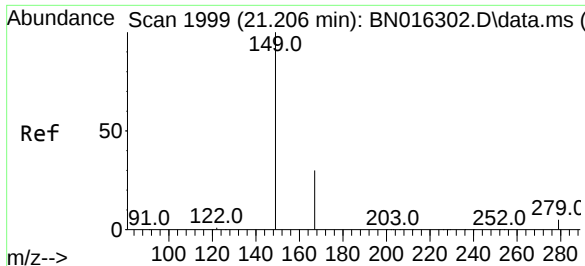
Tgt Ion:240 Resp: 93386
Ion Ratio Lower Upper
240 100
120 11.6 5.3 7.9#
236 26.5 19.8 29.8



#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016396.D
Acq: 22 Sep 2021 04:49

Tgt Ion:244 Resp: 99742
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.1 9.0 13.4

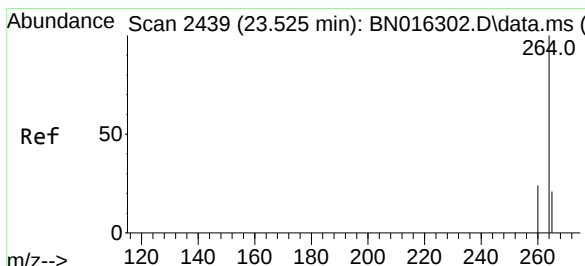
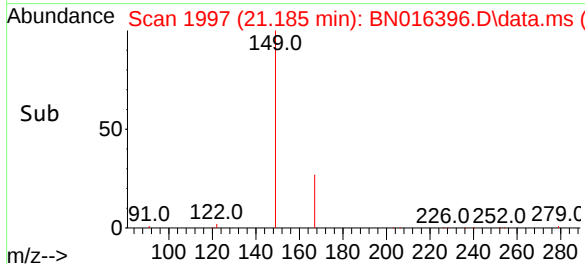
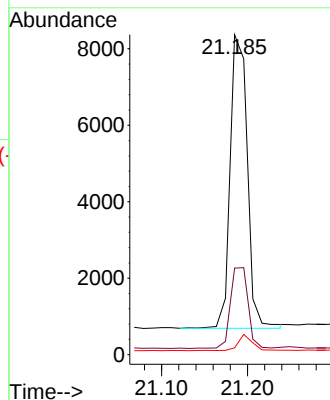
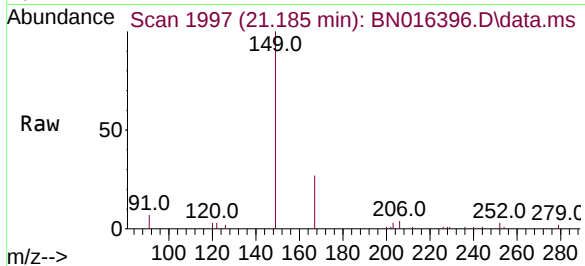




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016396.D
 Acq: 22 Sep 2021 04:49

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20210915

Tgt Ion:149	Resp:	10647
Ion Ratio	Lower	Upper
149	100	
167	28.3	23.4 35.0
279	4.7	3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.006 min
 Lab File: BN016396.D
 Acq: 22 Sep 2021 04:49

Tgt Ion:264	Resp:	83309
Ion Ratio	Lower	Upper
264	100	
260	24.2	18.9 28.3
265	26.7	23.7 35.5

