

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123380.D
 Acq On : 18 Mar 2021 12:00
 Operator : JU/CG
 Sample : PB135194BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135194BL

Quant Time: Mar 18 12:38:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

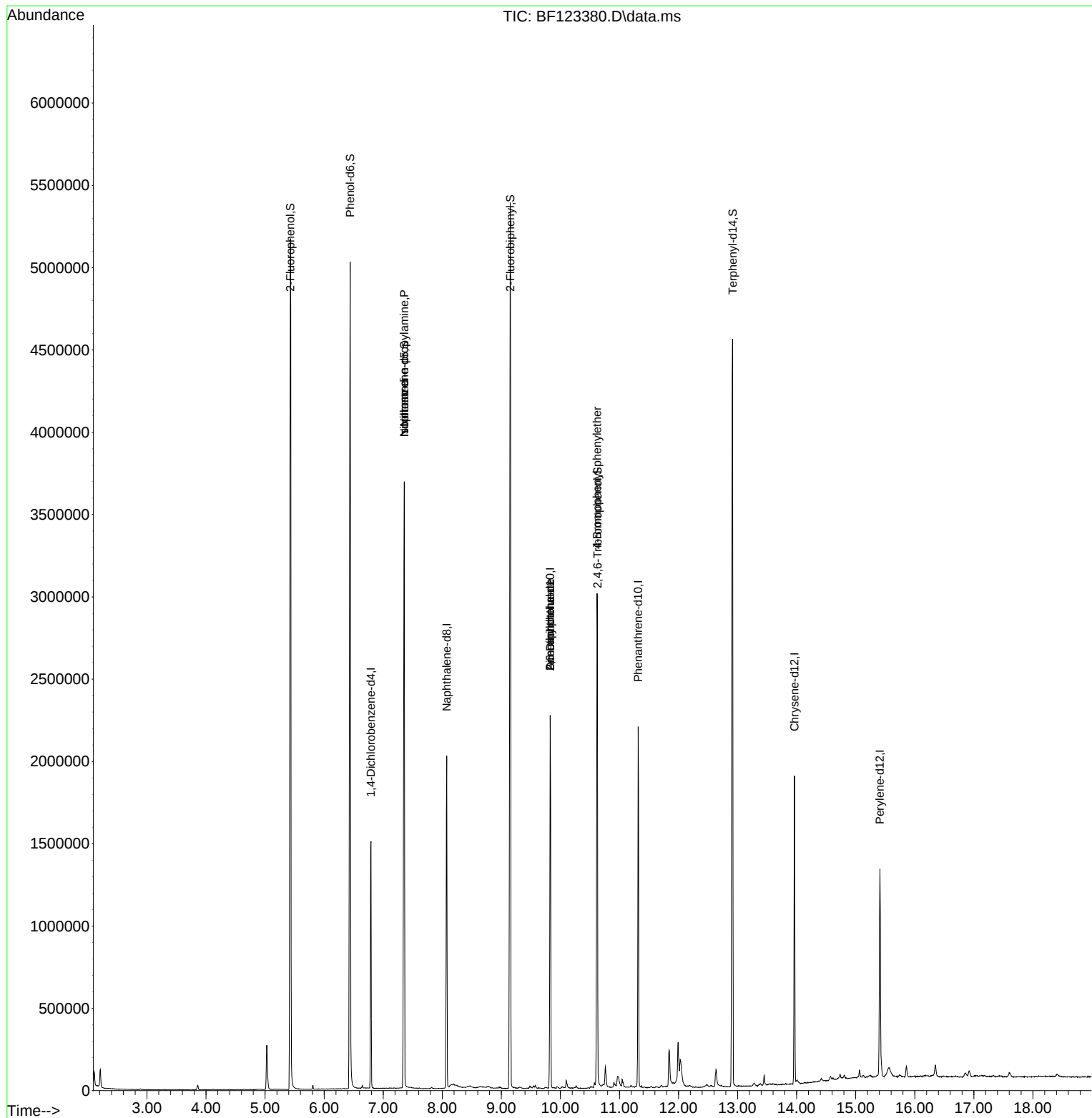
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	244909	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	1026417	20.00	ng	# 0.00
39) Acenaphthene-d10	9.828	164	505246	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	783006	20.00	ng	# 0.00
76) Chrysene-d12	13.963	240	583774	20.00	ng	#-0.01
86) Perylene-d12	15.410	264	517924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1779727	103.20	ng	0.01
7) Phenol-d6	6.440	99	2164300	96.62	ng	0.00
23) Nitrobenzene-d5	7.357	82	1382343	79.10	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	375461	106.33	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2116692	88.29	ng	0.00
79) Terphenyl-d14	12.916	244	1782130	59.44	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	2752	Below Cal	#	1
10) Phenol	6.446	94	230	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	178450	14.51	ng	# 83
25) Isophorone	7.357	82	1374573	37.90	ng	# 65
50) Dimethylphthalate	9.828	163	86110	2.41	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	64907	7.63	ng	# 31
55) Dibenzofuran	10.110	168	511	Below Cal	#	44
58) Fluorene	10.622	166	22123	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.622	248	24488	3.28	ng	# 1

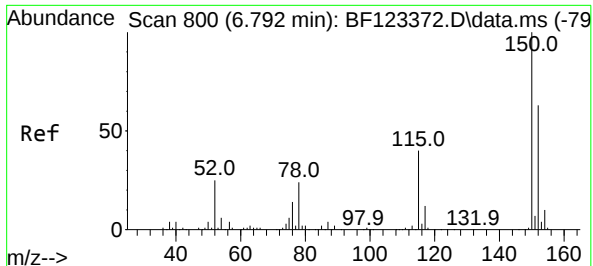
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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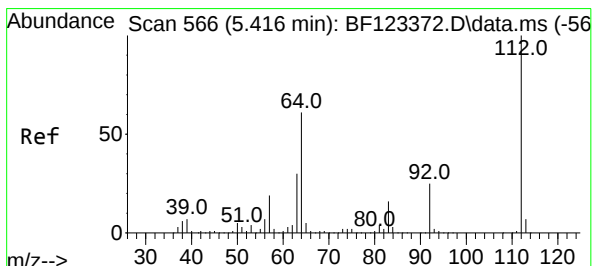
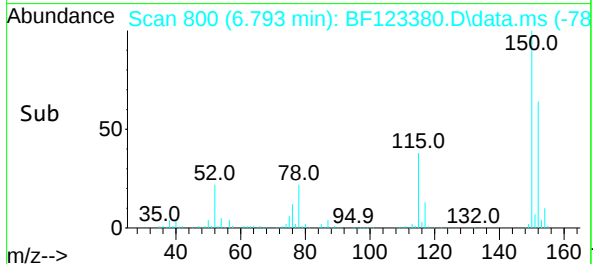
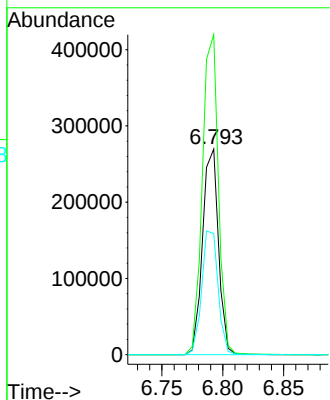
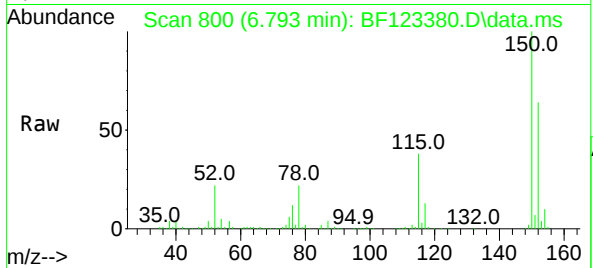




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

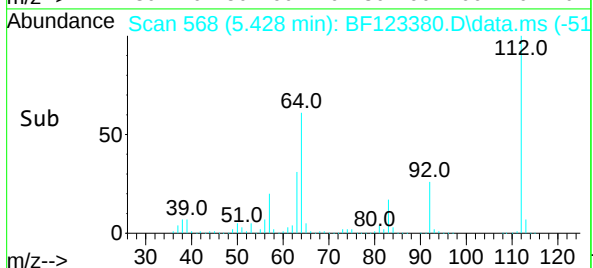
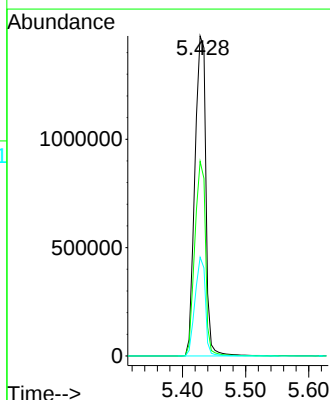
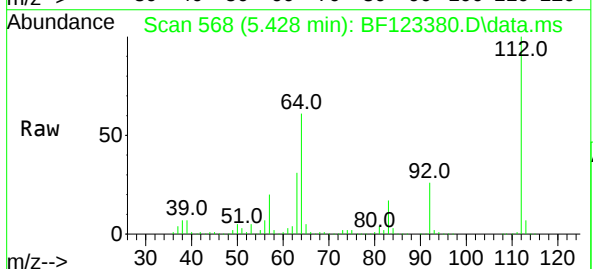
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ClientSampleId :
PB135194BL

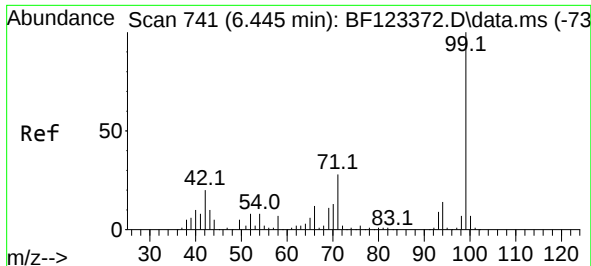
Tgt Ion:152 Resp: 244909
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 58.9 49.3 73.9



#5
2-Fluorophenol
Concen: 103.20 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Tgt Ion:112 Resp: 1779727
Ion Ratio Lower Upper
112 100
64 60.8 46.9 70.3
63 30.9 24.5 36.7

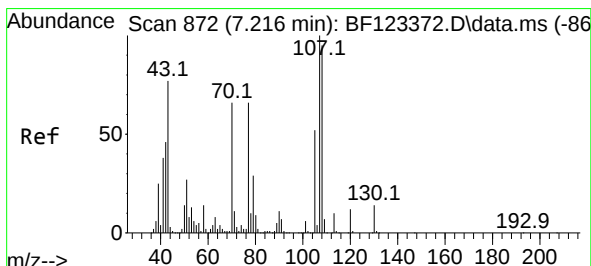
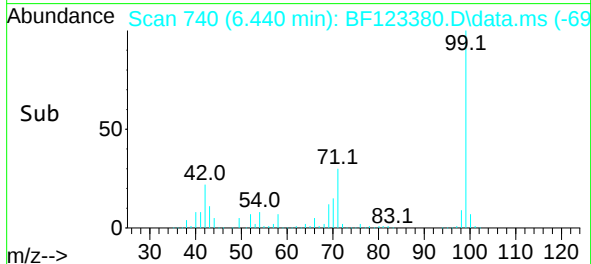
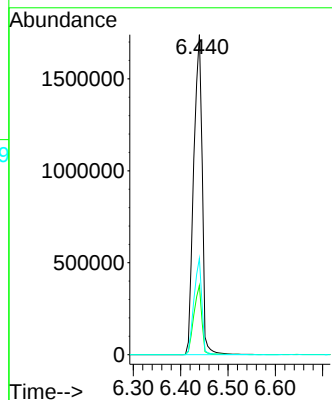
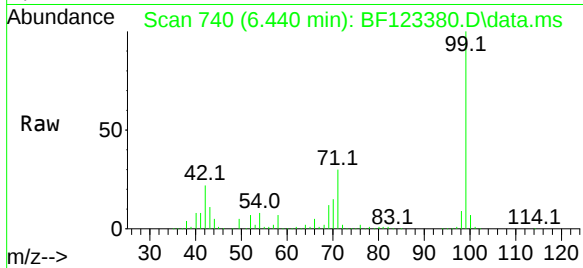




#7
Phenol-d6
Concen: 96.62 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.005 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

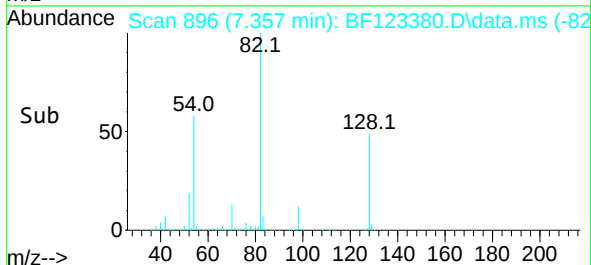
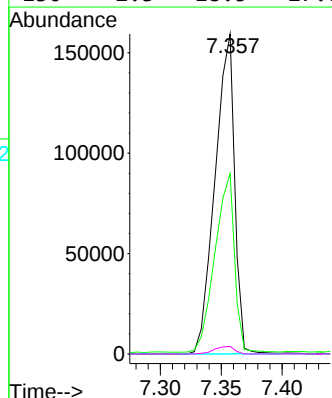
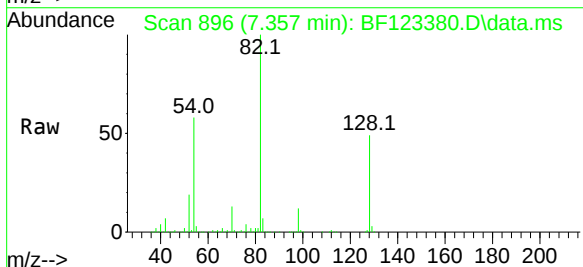
Instrument :
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ClientSampleId :
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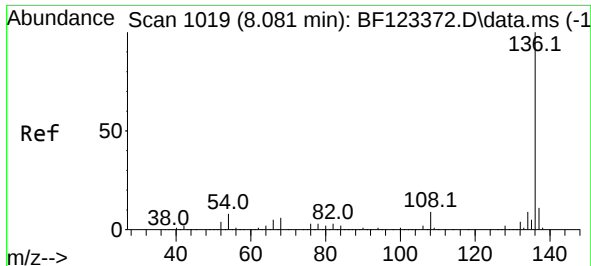
Tgt Ion: 99 Resp: 2164300
Ion Ratio Lower Upper
99 100
42 21.6 13.8 20.6#
71 30.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.51 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

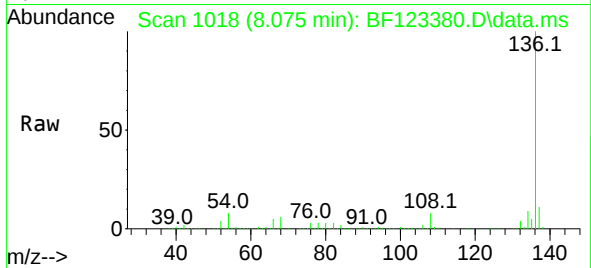
Tgt Ion: 70 Resp: 178450
Ion Ratio Lower Upper
70 100
42 56.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



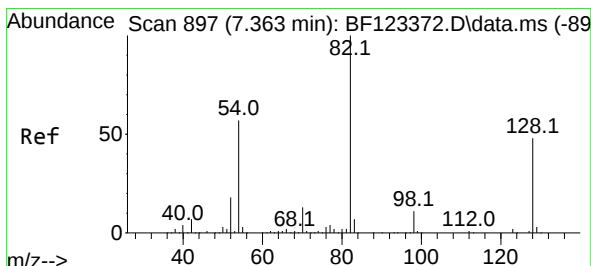
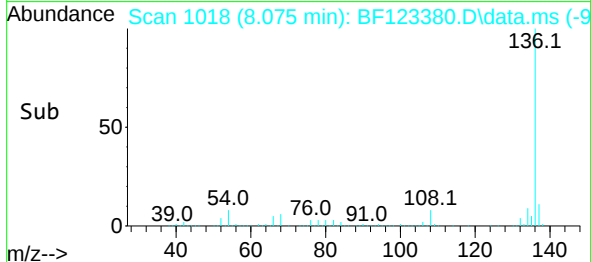
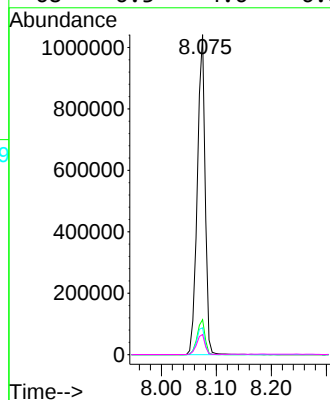


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Instrument :
BNA_F
ClientSampleId :
PB135194BL

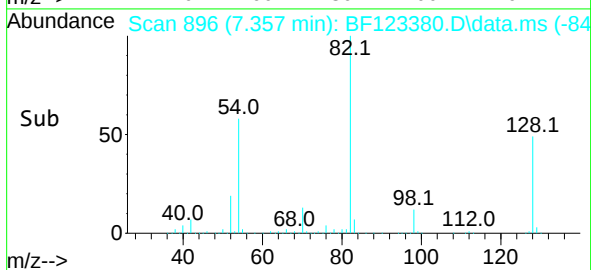
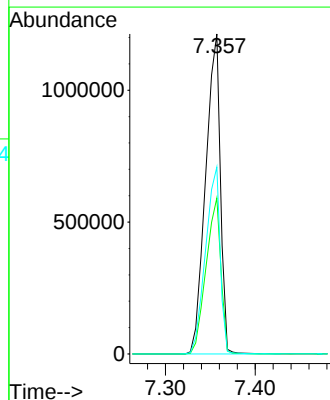
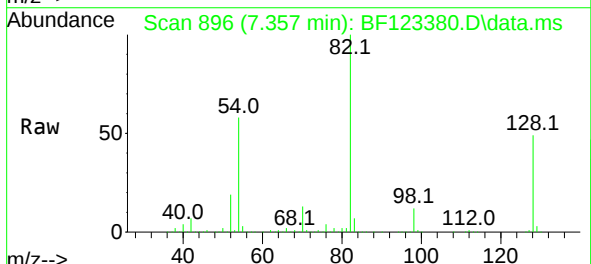


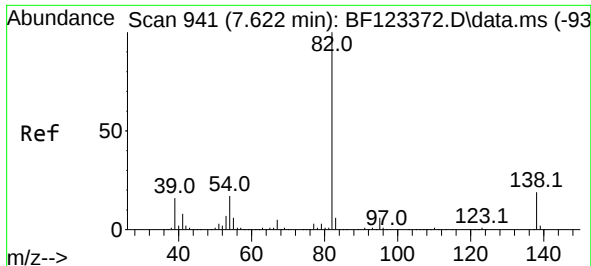
Tgt Ion:136 Resp: 1026417
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 79.10 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Tgt Ion: 82 Resp: 1382343
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 58.4 38.4 57.6#

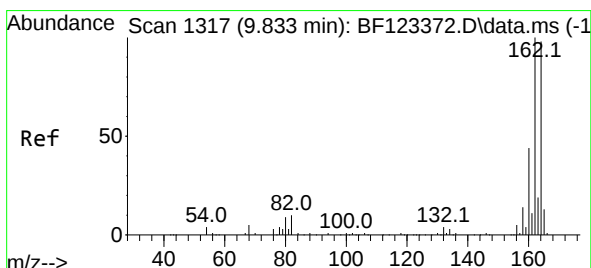
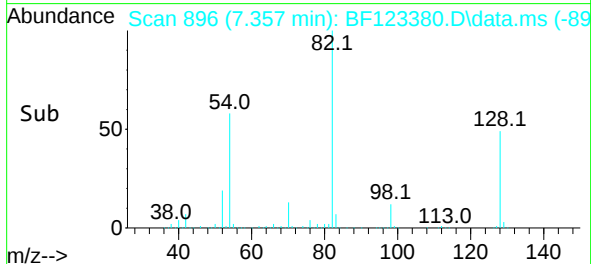
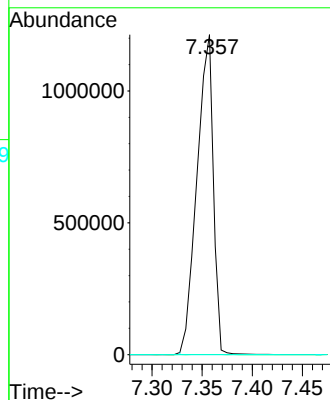
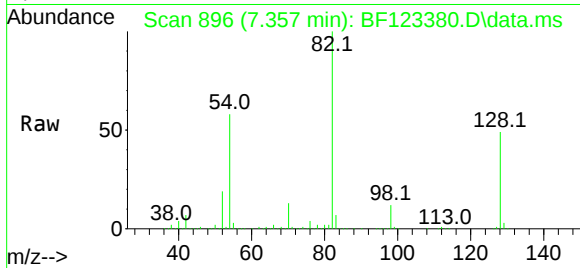




#25
Isophorone
Concen: 37.90 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

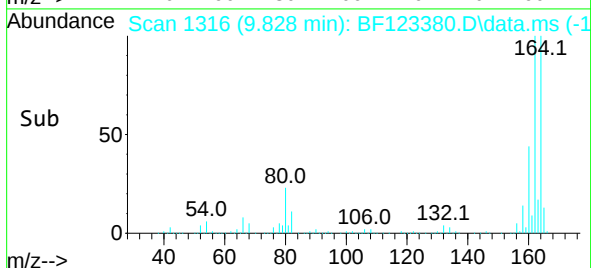
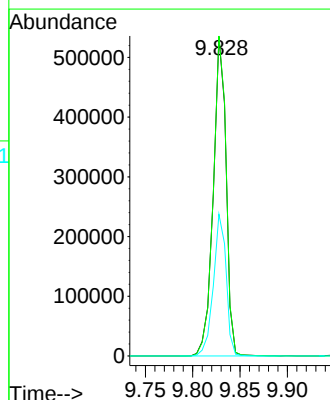
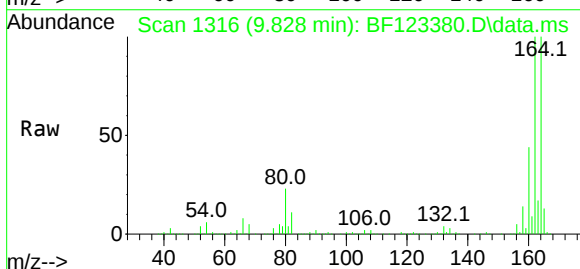
Instrument :
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ClientSampleId :
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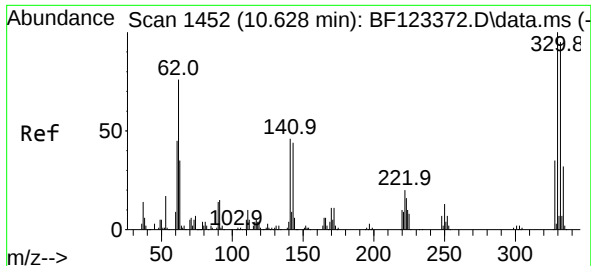
Tgt Ion: 82 Resp: 1374573
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Tgt Ion:164 Resp: 505246
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 44.4 35.4 53.0

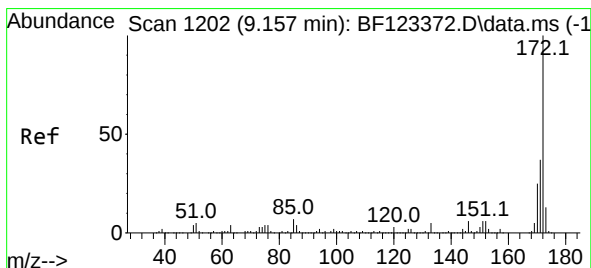
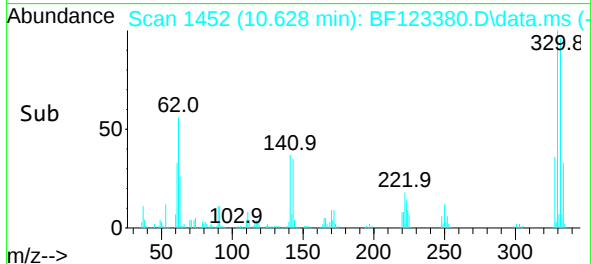
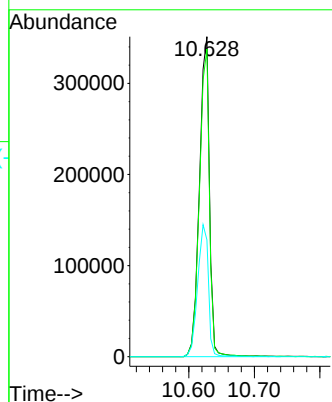
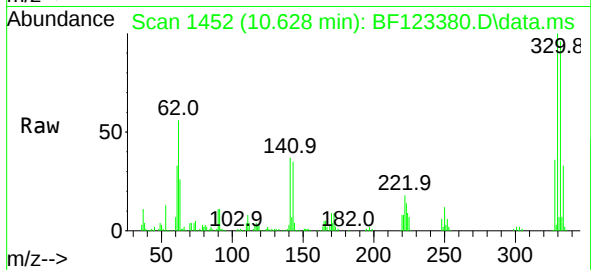




#42
2,4,6-Tribromophenol
Concen: 106.33 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

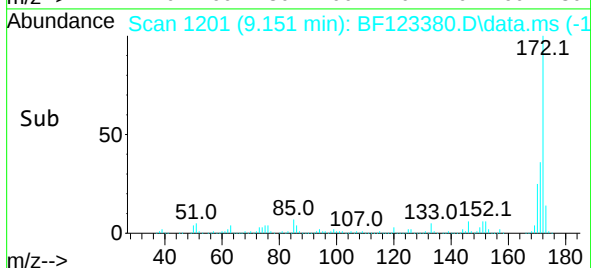
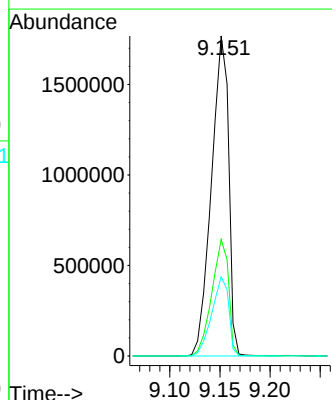
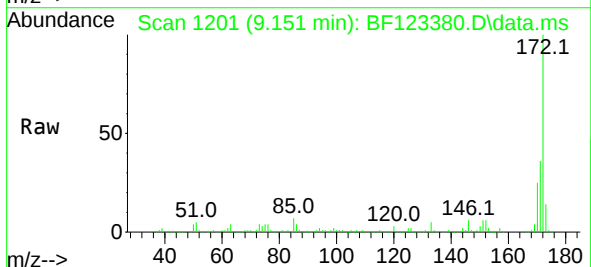
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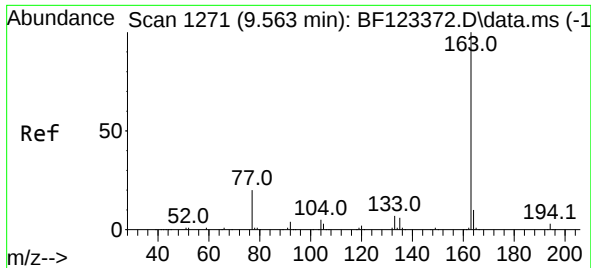
Tgt Ion:330 Resp: 375461
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 43.9 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 88.29 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Tgt Ion:172 Resp: 2116692
Ion Ratio Lower Upper
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171 36.4 29.6 44.4
170 24.8 19.5 29.3

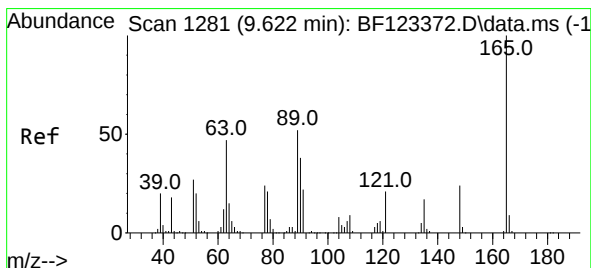
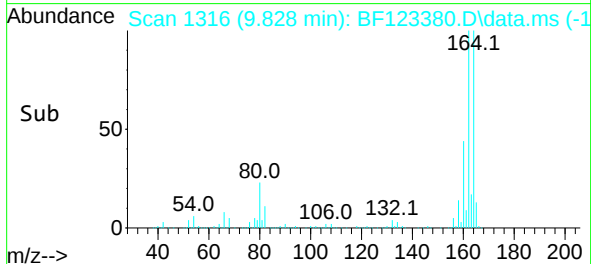
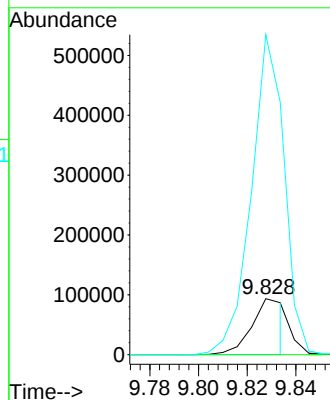
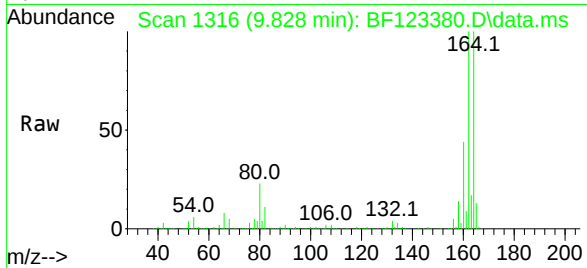




#50
Dimethylphthalate
Concen: 2.41 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

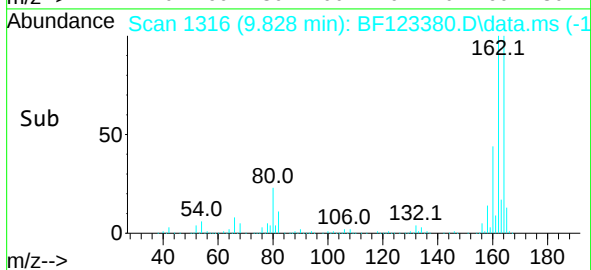
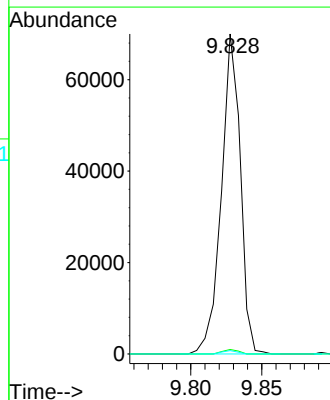
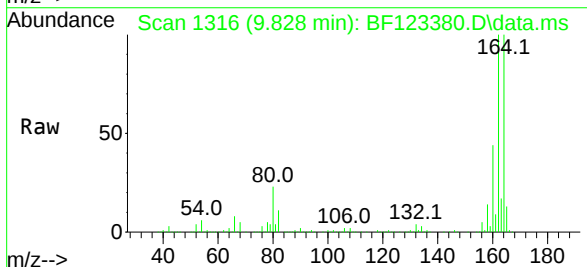
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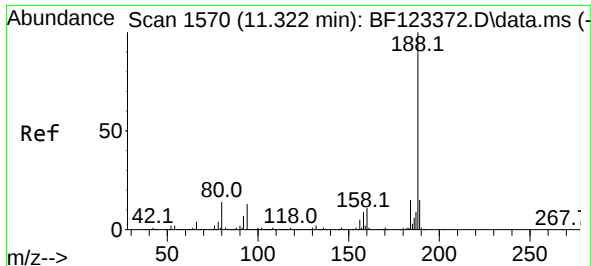
Tgt Ion:163 Resp: 86110
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 570.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Tgt Ion:165 Resp: 64907
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.0 39.4 59.0#

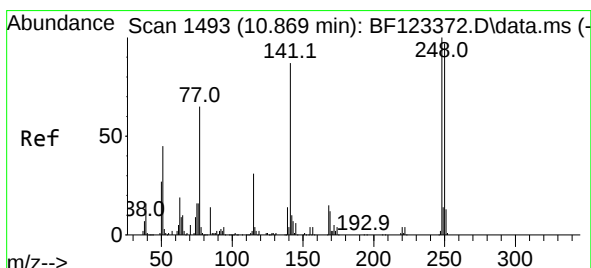
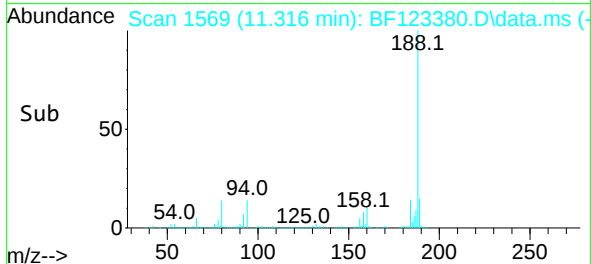
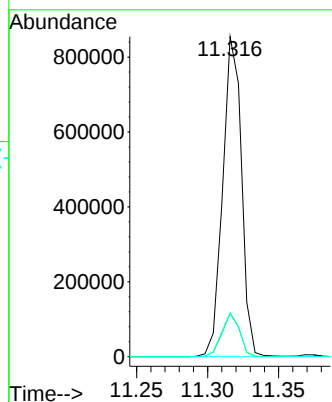
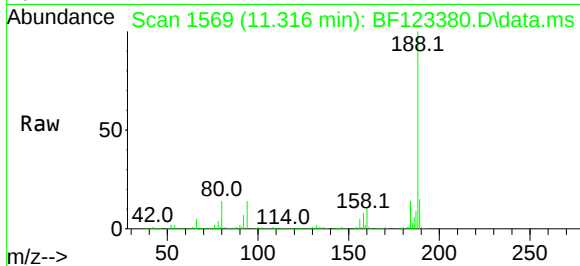




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

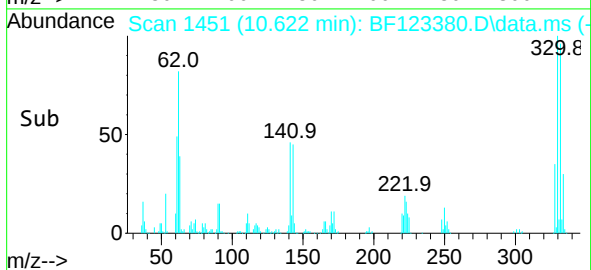
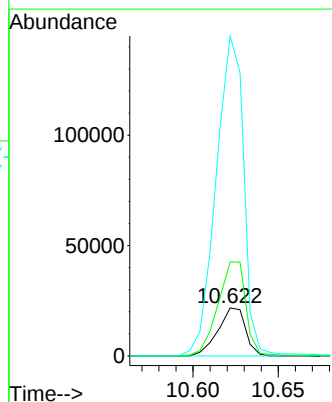
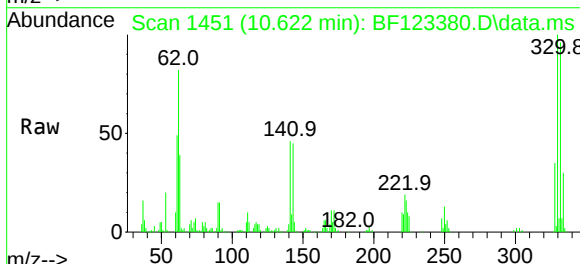
Instrument :
BNA_F
ClientSampleId :
PB135194BL

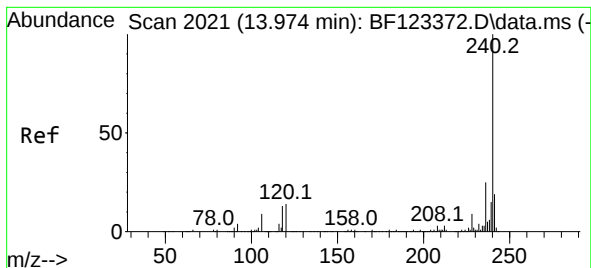
Tgt Ion:188 Resp: 783006
Ion Ratio Lower Upper
188 100
94 13.6 7.4 11.2#
80 13.7 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Tgt Ion:248 Resp: 24488
Ion Ratio Lower Upper
248 100
250 196.1 76.8 115.2#
141 667.4 59.8 89.8#

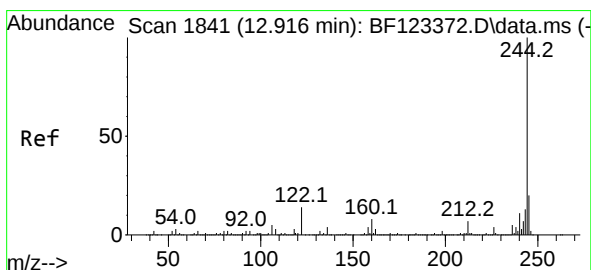
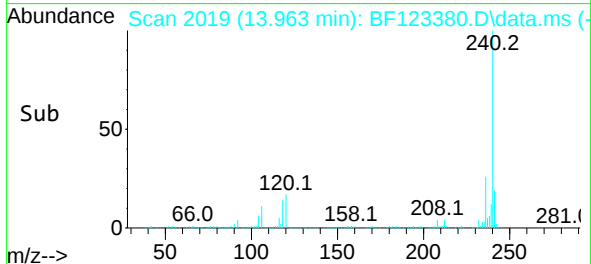
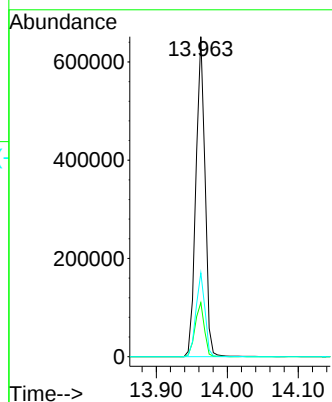
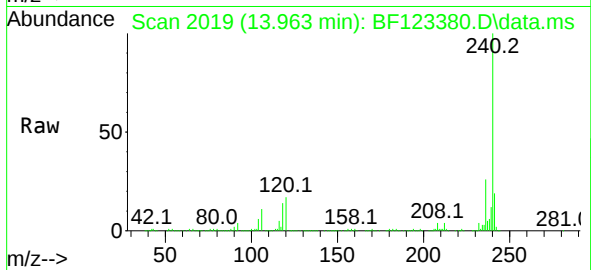




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

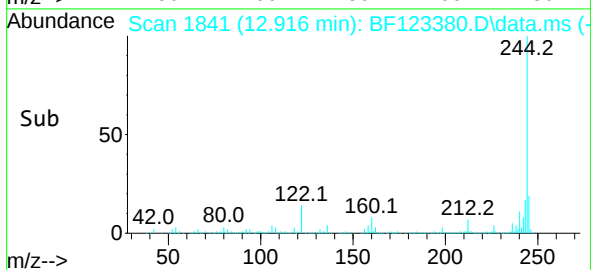
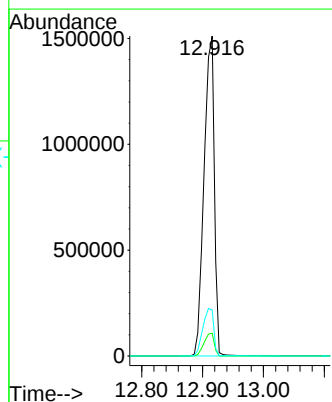
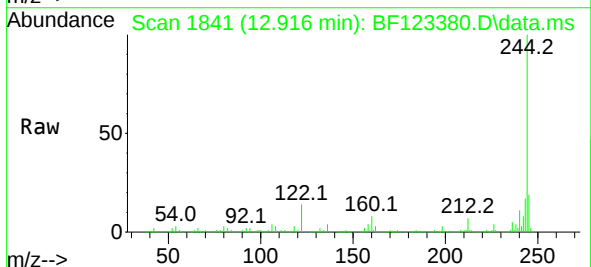
Instrument :
BNA_F
ClientSampleId :
PB135194BL

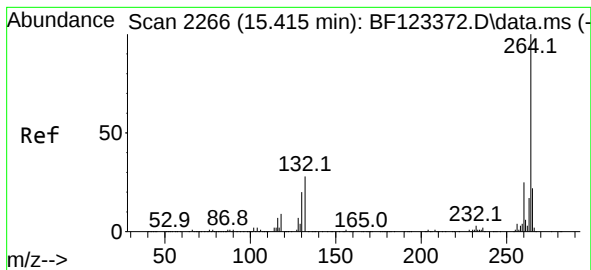
Tgt Ion:240 Resp: 583774
Ion Ratio Lower Upper
240 100
120 16.9 8.6 12.8#
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 59.44 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123380.D
Acq: 18 Mar 2021 12:00

Tgt Ion:244 Resp: 1782130
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 14.4 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF123380.D
 Acq: 18 Mar 2021 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB135194BL

Tgt Ion:264 Resp: 517924
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.6 17.0 25.6

