

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123305.D
 Acq On : 26 Feb 2021 16:16
 Operator : JU/CG
 Sample : PB134832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134832BL

Quant Time: Feb 26 16:41:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

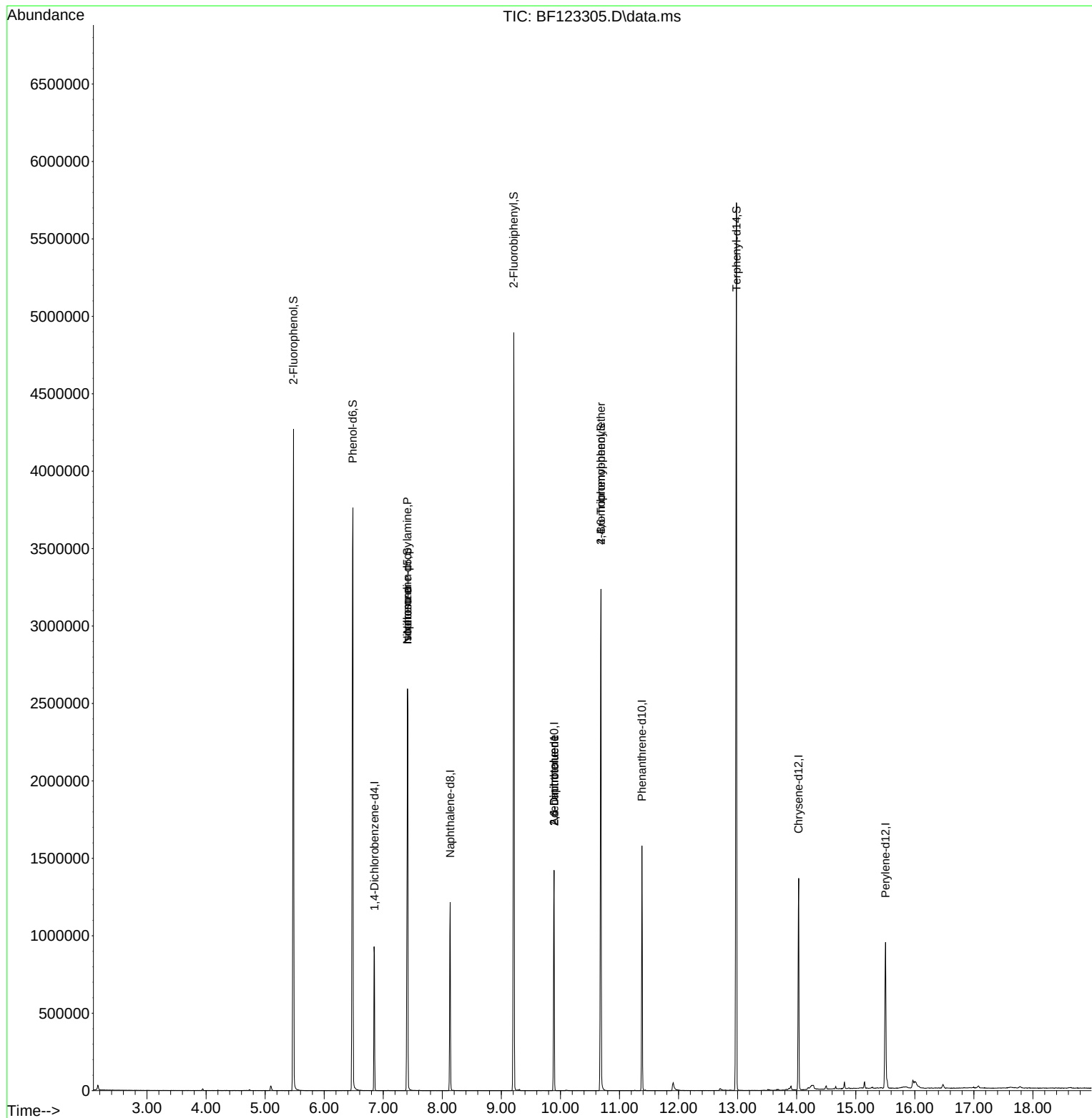
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	128381	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	524056	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	269691	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	524028	20.00	ng	-0.01
76) Chrysene-d12	14.033	240	440887	20.00	ng	-0.01
86) Perylene-d12	15.504	264	402363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1134016	127.15	ng	0.00
7) Phenol-d6	6.487	99	1444320	119.20	ng	0.00
23) Nitrobenzene-d5	7.410	82	990052	86.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	361070	131.48	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1582427	84.28	ng	-0.01
79) Terphenyl-d14	12.980	244	1817977	79.29	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	2435	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	135023	18.73	ng	# 81
25) Isophorone	7.410	82	982300	45.89	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	34398	7.40	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	34398	5.50	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	26590	4.65	ng	# 1

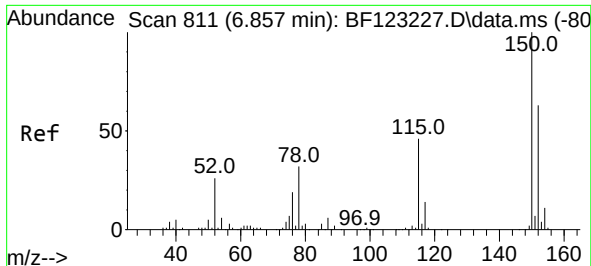
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
Data File : BF123305.D
Acq On : 26 Feb 2021 16:16
Operator : JU/CG
Sample : PB134832BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134832BL

Quant Time: Feb 26 16:41:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

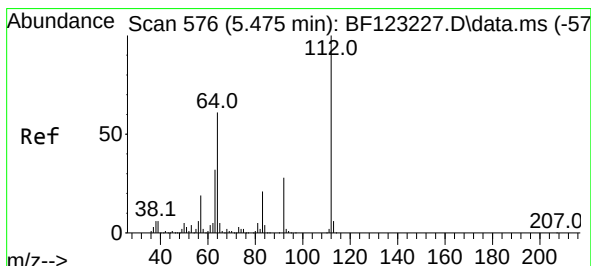
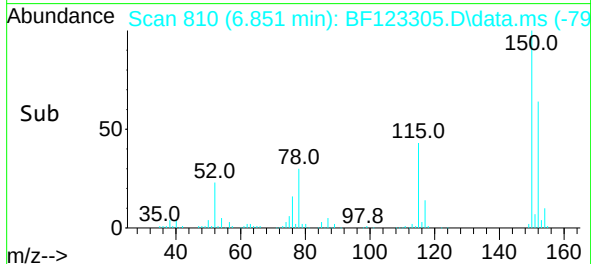
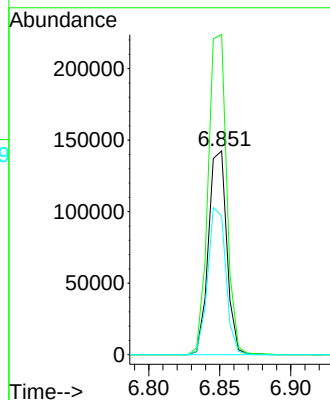
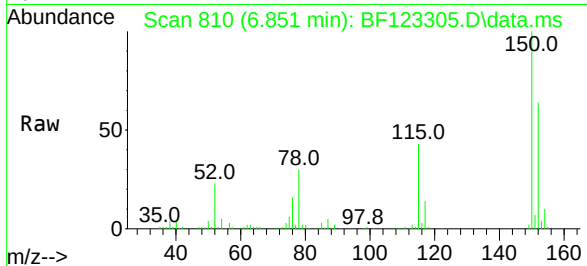




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

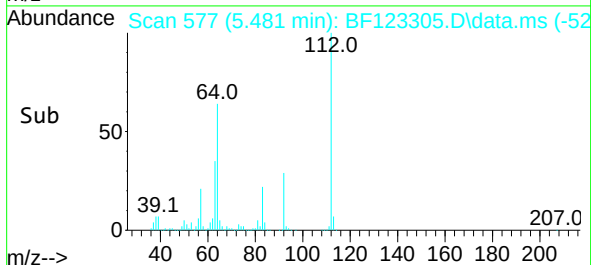
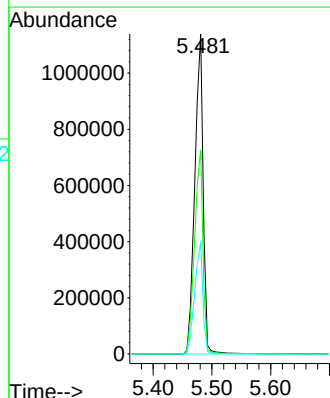
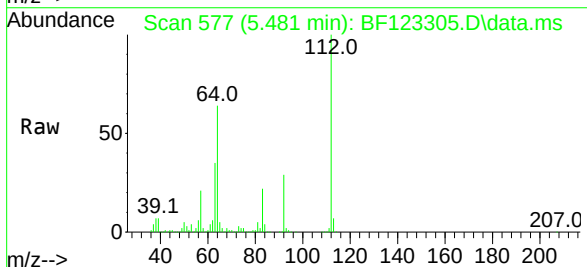
Instrument :
BNA_F
ClientSampleId :
PB134832BL

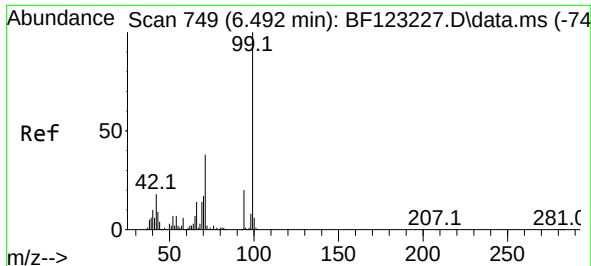
Tgt Ion:152 Resp: 128381
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 68.1 49.3 73.9



#5
2-Fluorophenol
Concen: 127.15 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Tgt Ion:112 Resp: 1134016
Ion Ratio Lower Upper
112 100
64 63.8 46.9 70.3
63 34.6 24.5 36.7

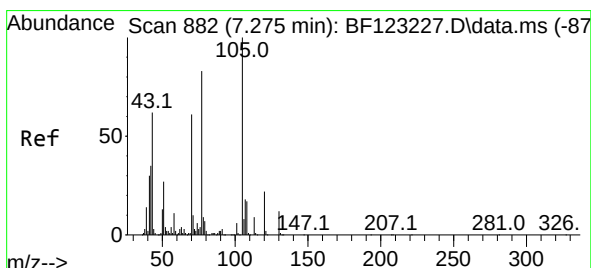
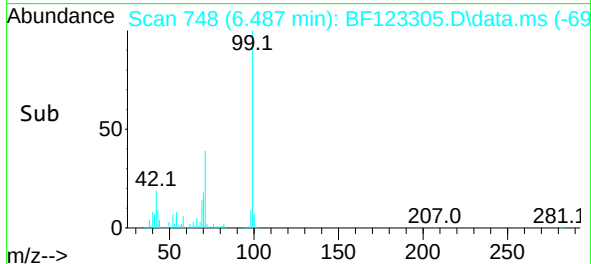
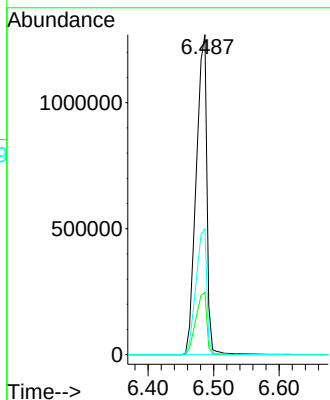
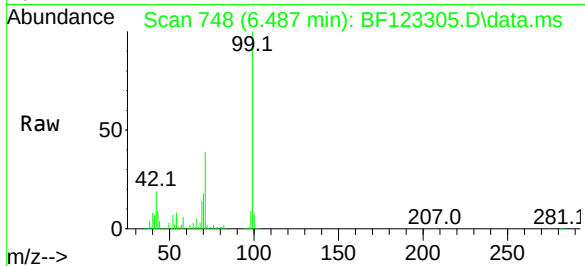




#7
Phenol-d6
Concen: 119.20 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

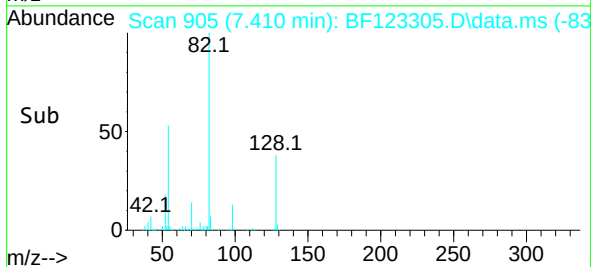
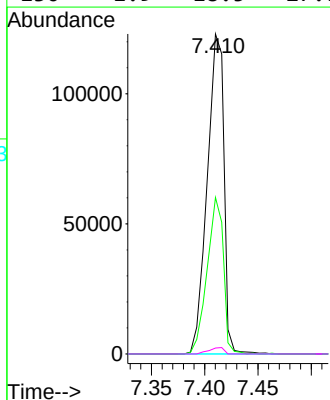
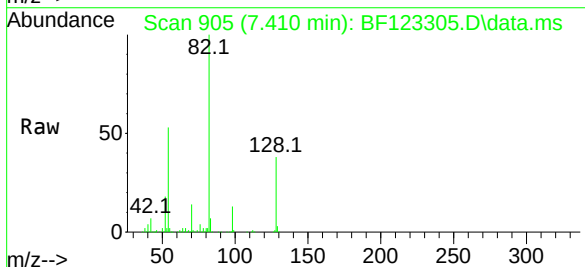
Instrument :
BNA_F
ClientSampleId :
PB134832BL

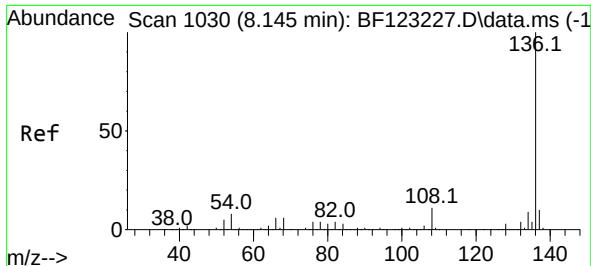
Tgt Ion: 99 Resp: 1444320
Ion Ratio Lower Upper
99 100
42 19.5 13.8 20.6
71 39.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.73 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

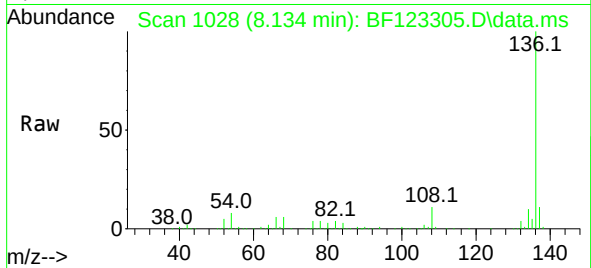
Tgt Ion: 70 Resp: 135023
Ion Ratio Lower Upper
70 100
42 48.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#





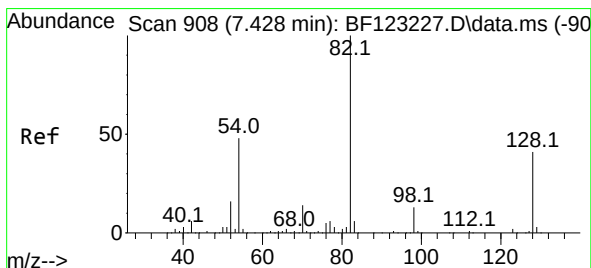
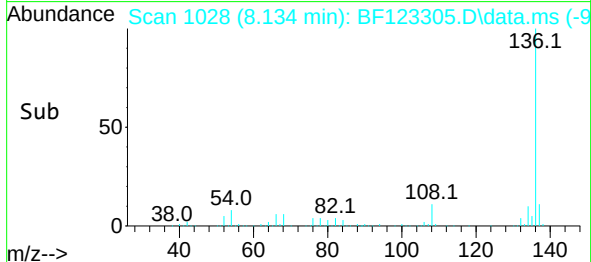
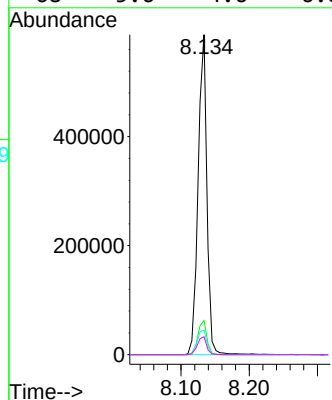
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Instrument :
BNA_F
ClientSampleId :
PB134832BL



Tgt Ion:136 Resp: 524056

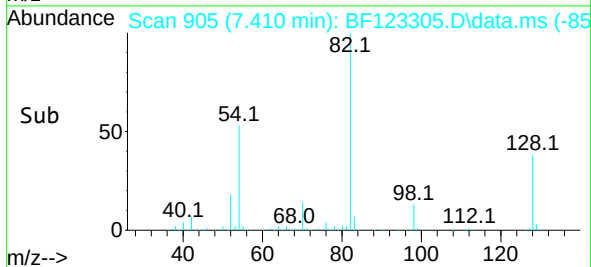
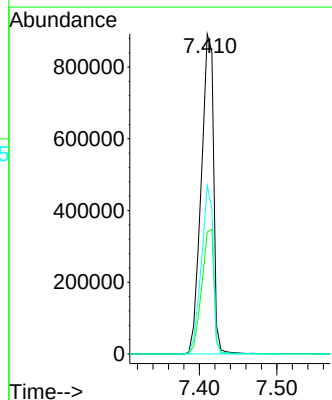
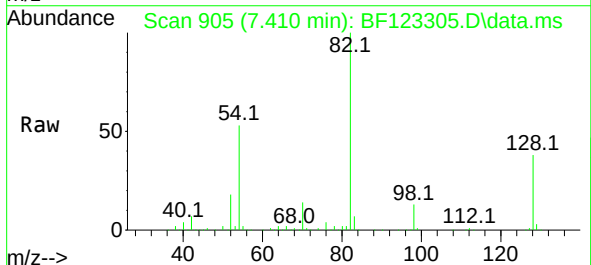
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	5.5	8.3
68	5.6	4.6	6.8

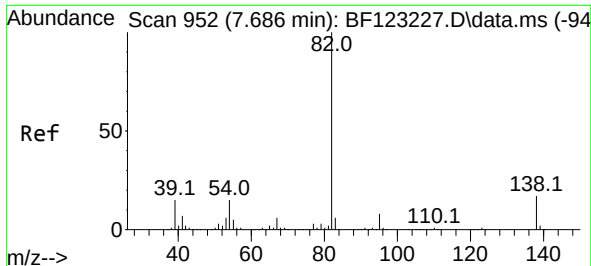


#23
Nitrobenzene-d5
Concen: 86.48 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Tgt Ion: 82 Resp: 990052

Ion	Ratio	Lower	Upper
82	100		
128	38.1	37.0	55.4
54	52.6	38.4	57.6

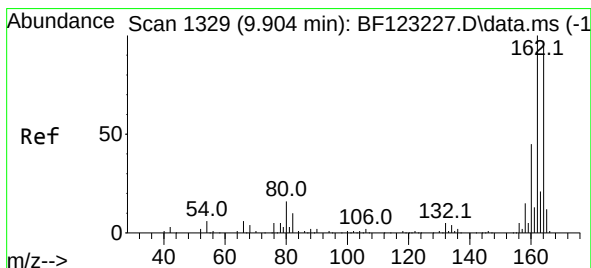
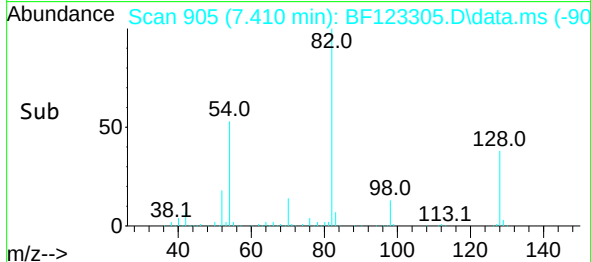
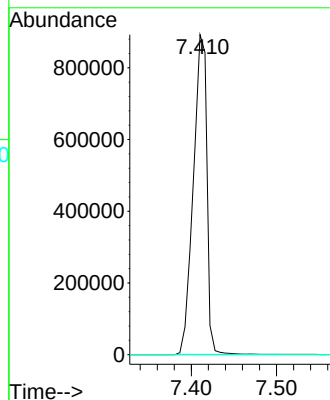
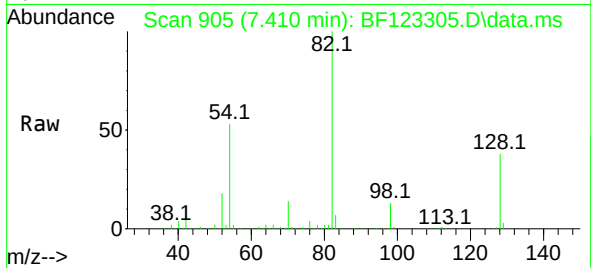




#25
Isophorone
Concen: 45.89 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.276 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

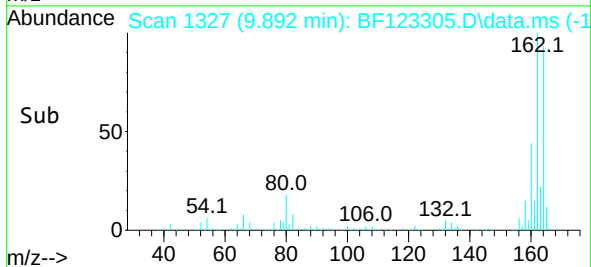
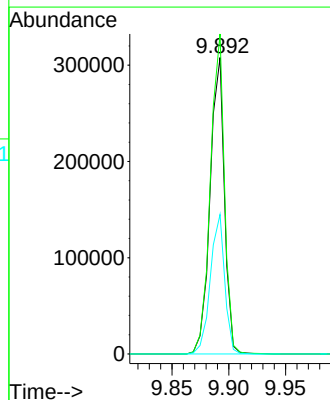
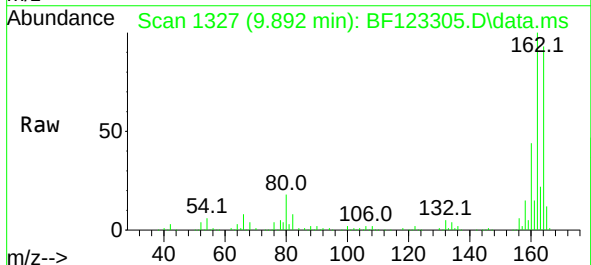
Instrument :
BNA_F
ClientSampleId :
PB134832BL

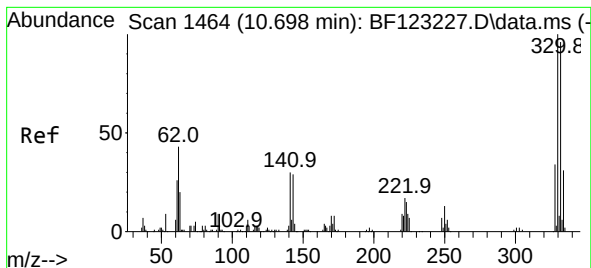
Tgt Ion: 82 Resp: 982300
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Tgt Ion: 164 Resp: 269691
Ion Ratio Lower Upper
164 100
162 107.9 80.8 121.2
160 47.1 35.4 53.0

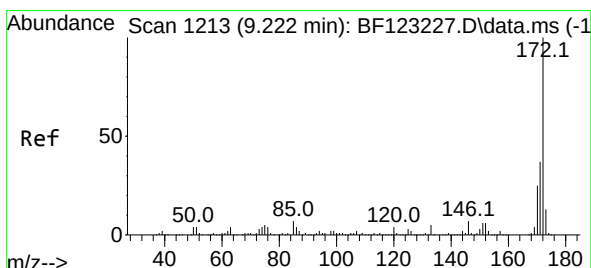
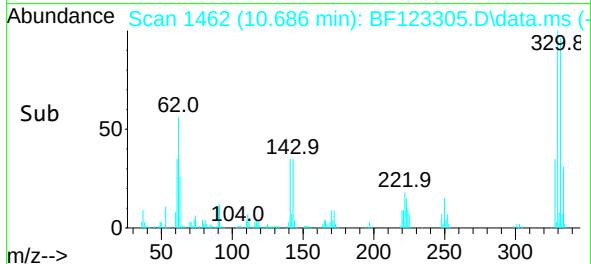
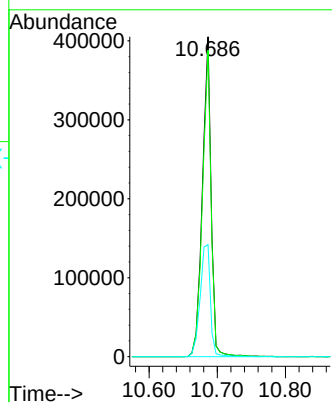
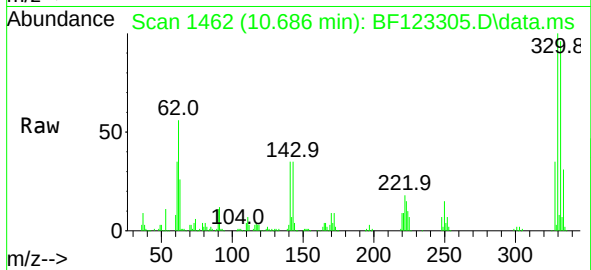




#42
2,4,6-Tribromophenol
Concen: 131.48 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

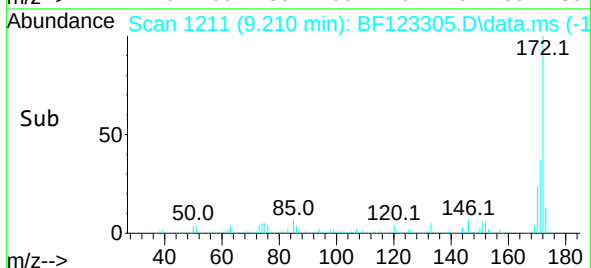
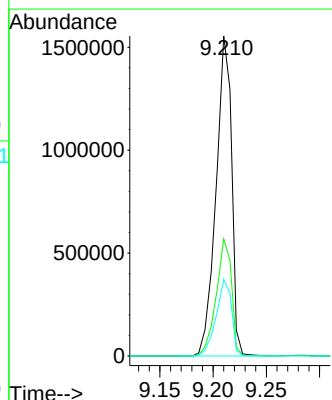
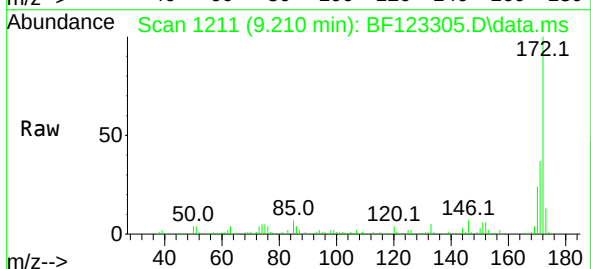
Instrument :
BNA_F
ClientSampleId :
PB134832BL

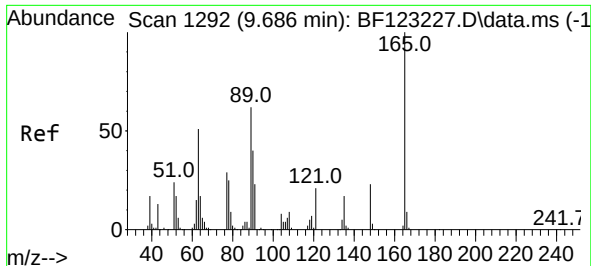
Tgt Ion: 330 Resp: 361070
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 41.4 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 84.28 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Tgt Ion: 172 Resp: 1582427
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.0 19.5 29.3

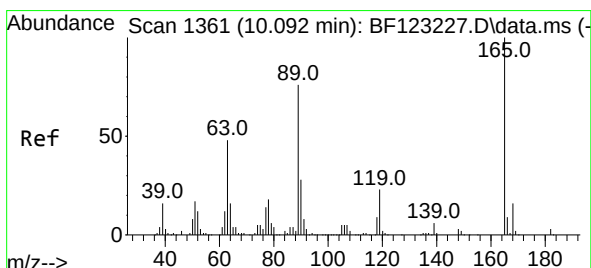
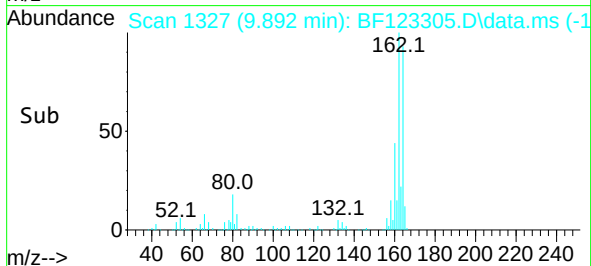
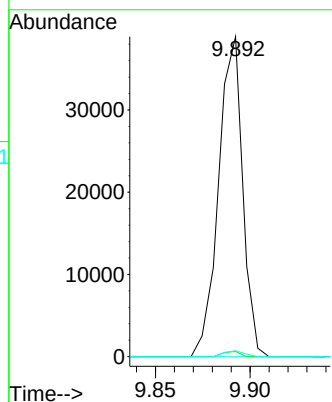
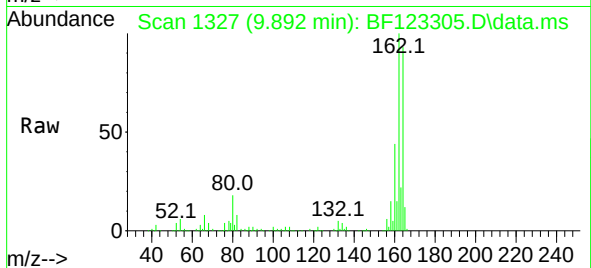




#51
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

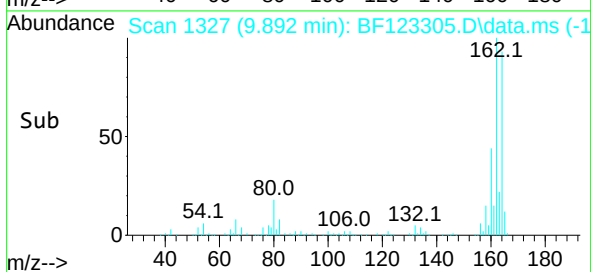
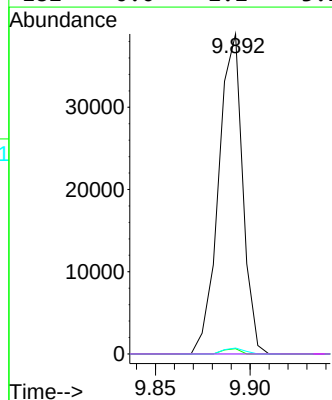
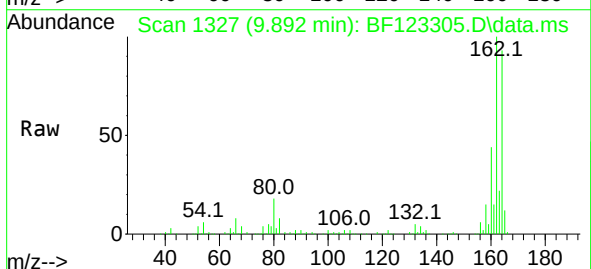
Instrument :
BNA_F
ClientSampleId :
PB134832BL

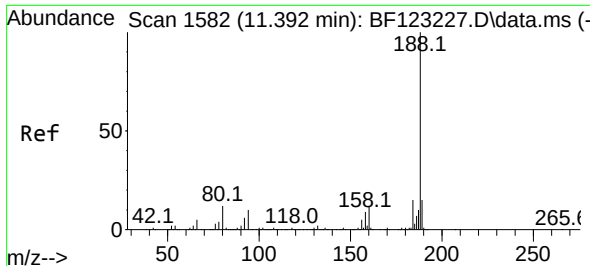
Tgt Ion:165 Resp: 34398
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Tgt Ion:165 Resp: 34398
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

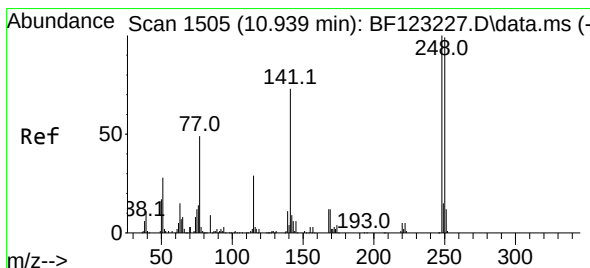
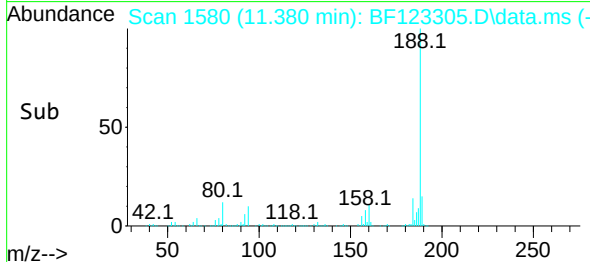
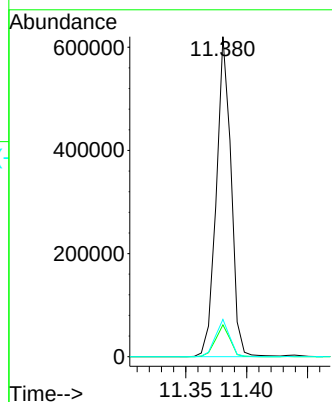
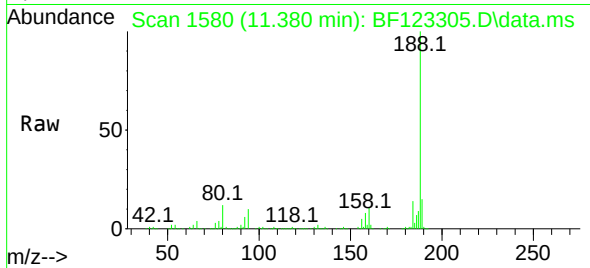




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

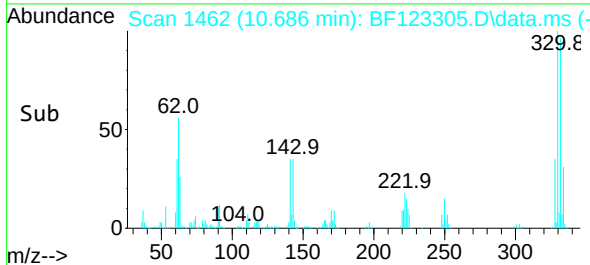
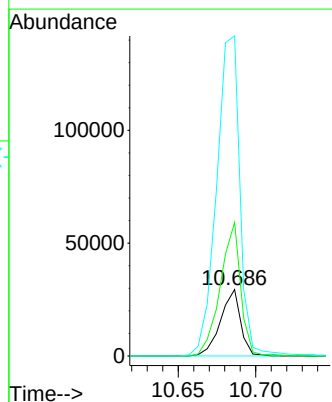
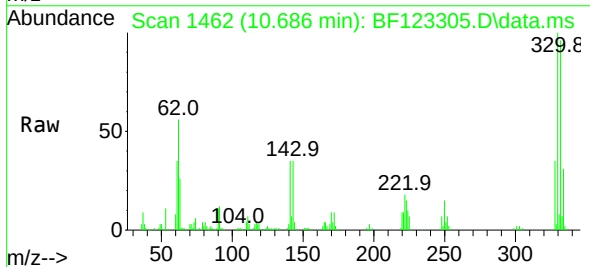
Instrument :
BNA_F
ClientSampleId :
PB134832BL

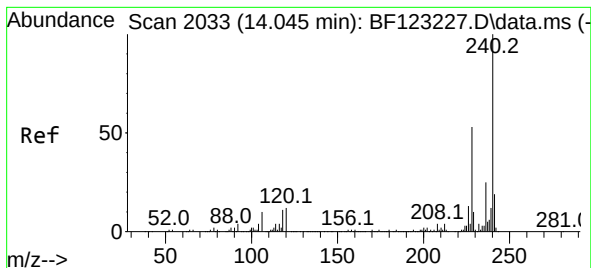
Tgt Ion:188 Resp: 524028
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Tgt Ion:248 Resp: 26590
Ion Ratio Lower Upper
248 100
250 201.0 76.8 115.2#
141 481.3 59.8 89.8#

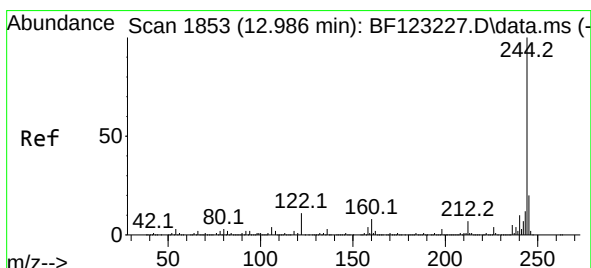
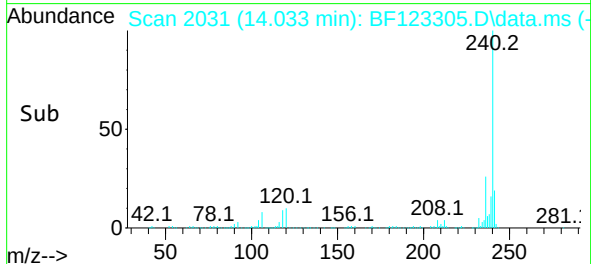
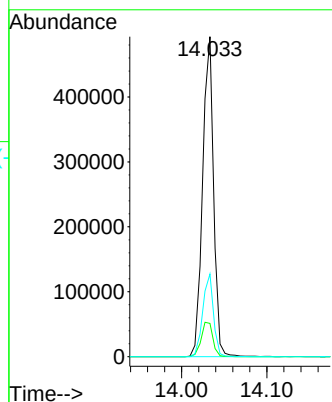
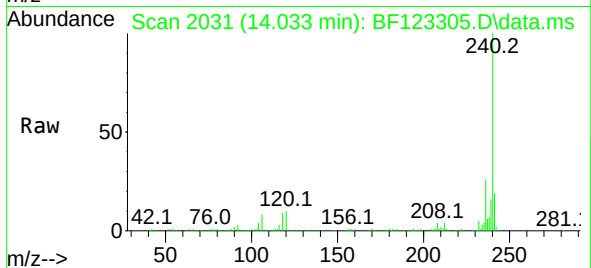




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

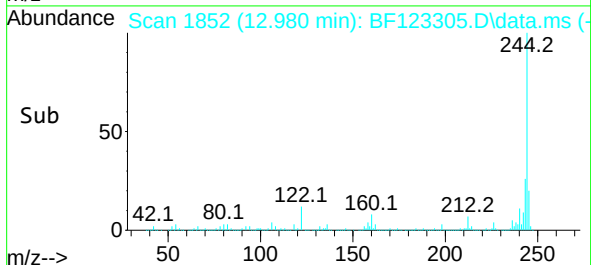
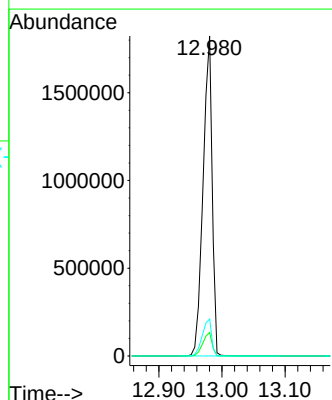
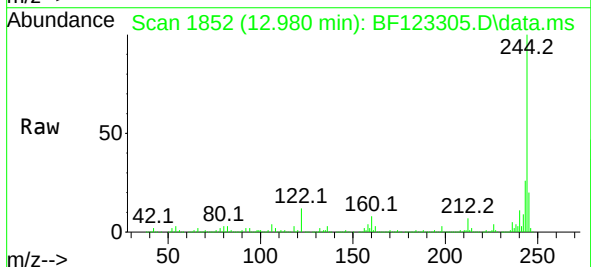
Instrument :
BNA_F
ClientSampleId :
PB134832BL

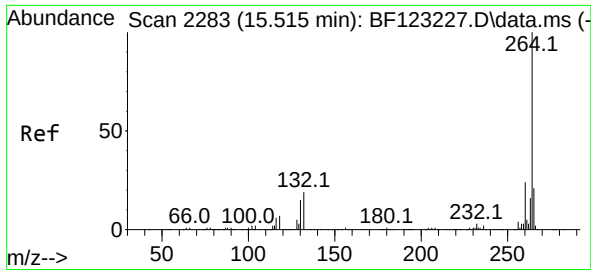
Tgt Ion:240 Resp: 440887
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 79.29 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

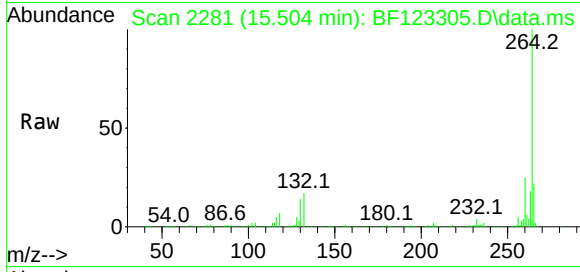
Tgt Ion:244 Resp: 1817977
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF123305.D
Acq: 26 Feb 2021 16:16

Instrument :
BNA_F
ClientSampleId :
PB134832BL



Tgt Ion:264 Resp: 402363

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	21.9	17.0	25.6

