

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123364.D
 Acq On : 3 Mar 2021 19:47
 Operator : JU/CG
 Sample : M1545-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Quant Time: Mar 03 23:54:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

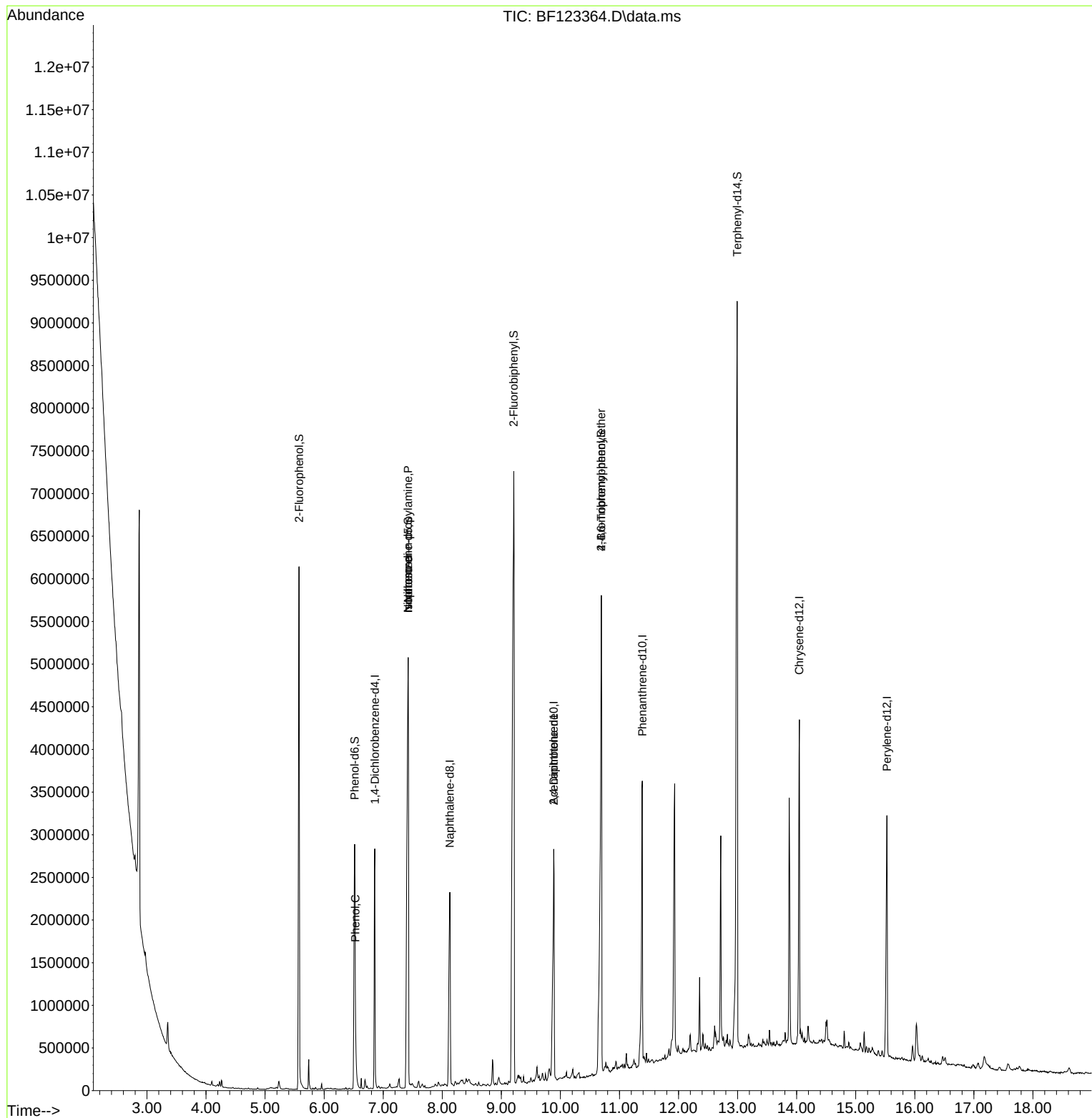
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	433641	20.00	ng	0.01
21) Naphthalene-d8	8.128	136	1794592	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	926220	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1688962	20.00	ng	0.00
76) Chrysene-d12	14.045	240	1433672	20.00	ng	0.01
86) Perylene-d12	15.527	264	1360669	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1745523	57.94	ng	0.11
7) Phenol-d6	6.516	99	1465418	35.80	ng	0.03
23) Nitrobenzene-d5	7.422	82	3181139	81.14	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1241298	131.62	ng	0.01
45) 2-Fluorobiphenyl	9.210	172	4913003	76.19	ng	0.00
79) Terphenyl-d14	12.992	244	4740413	63.58	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	2186	Below Cal	#	83
10) Phenol	6.528	94	167710	3.76	ng	92
19) n-Nitroso-di-n-propyla...	7.422	70	455009	18.69	ng	# 80
25) Isophorone	7.422	82	3022079	41.22	ng	# 65
57) 2,4-Dinitrotoluene	9.886	165	120435	5.61	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	85241	4.63	ng	# 1

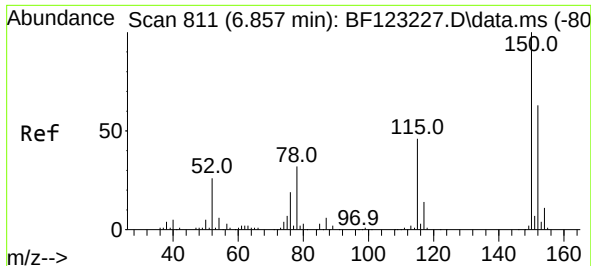
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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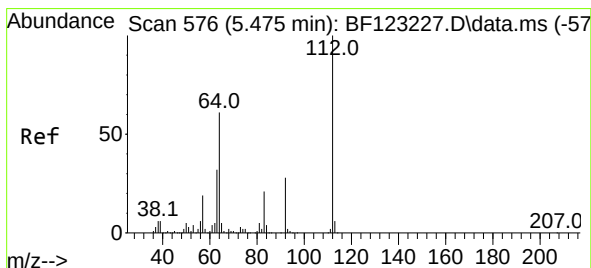
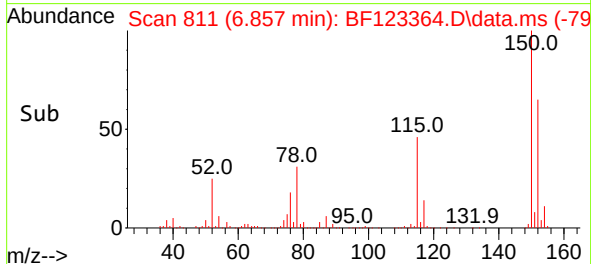
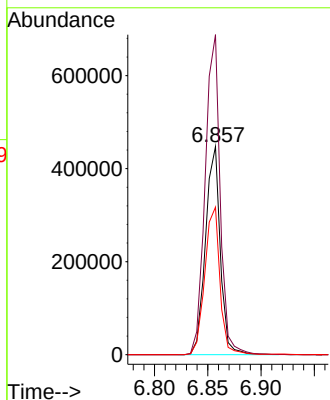
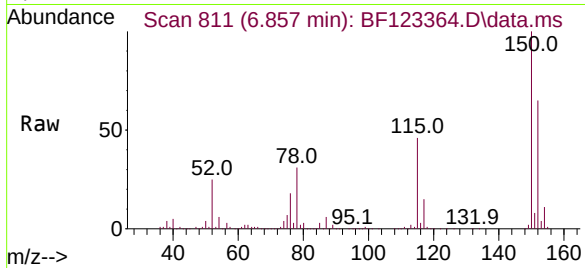




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.012 min
 Lab File: BF123364.D
 Acq: 3 Mar 2021 19:47

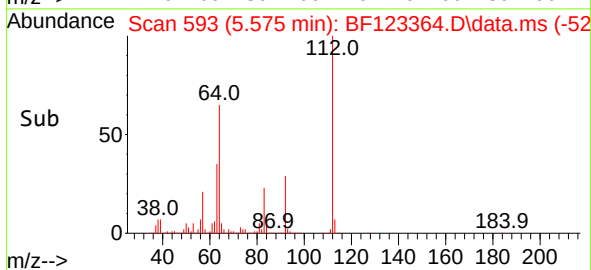
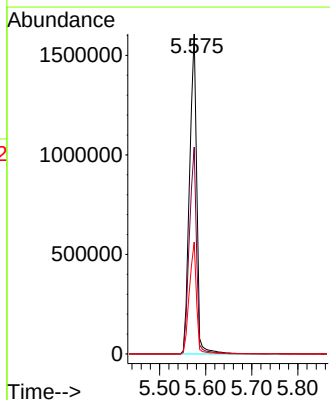
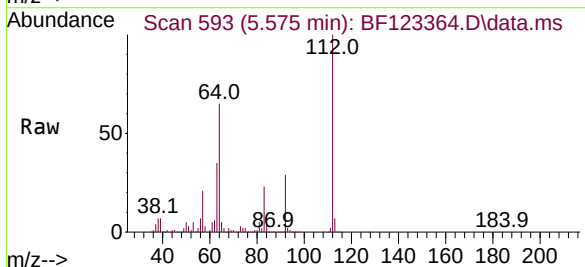
Instrument :
 BNA_F
 ClientSampled :
 MH-J

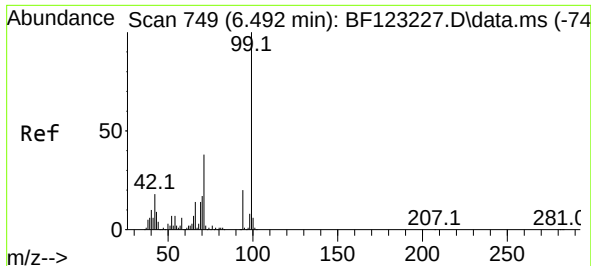
Tgt Ion:152 Resp: 433641
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.8 188.6
 115 70.9 49.3 73.9



#5
 2-Fluorophenol
 Concen: 57.94 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.106 min
 Lab File: BF123364.D
 Acq: 3 Mar 2021 19:47

Tgt Ion:112 Resp: 1745523
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.9 70.3
 63 35.0 24.5 36.7

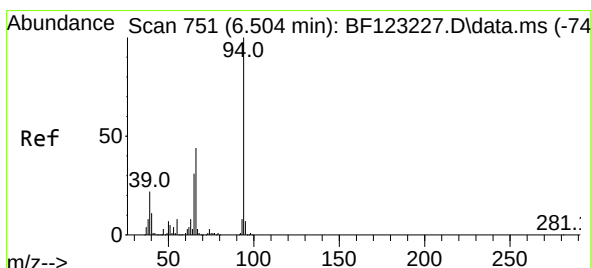
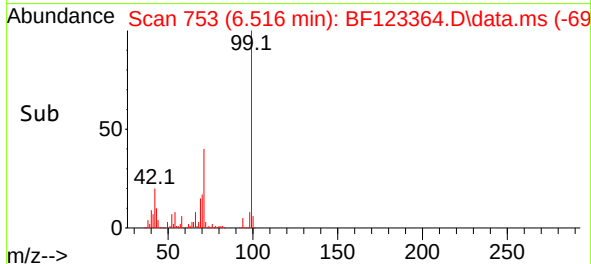
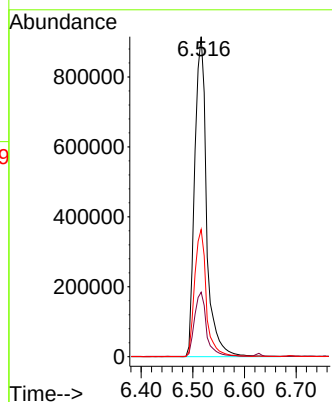
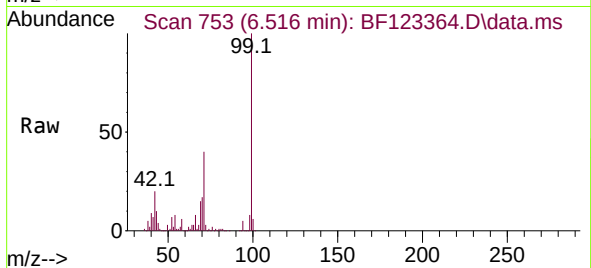




#7
Phenol-d6
Concen: 35.80 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.029 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

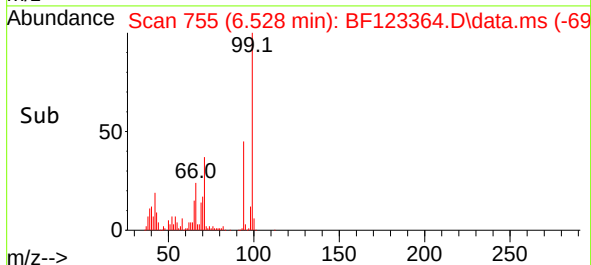
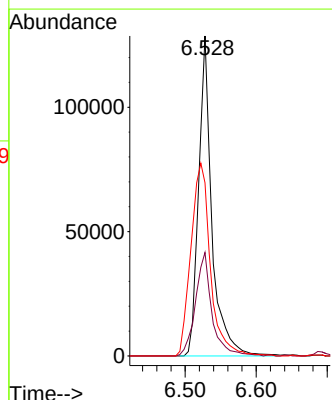
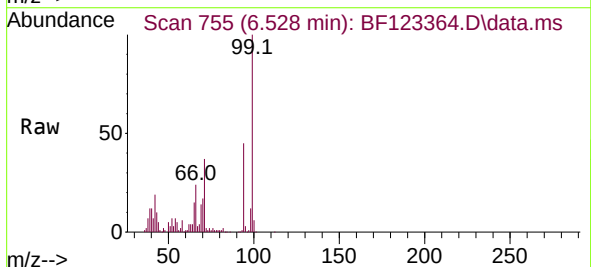
Instrument :
BNA_F
ClientSampleId :
MH-J

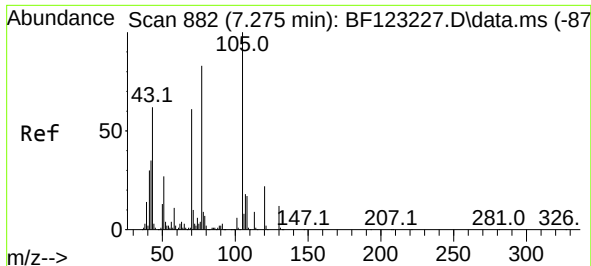
Tgt Ion: 99 Resp: 1465418
Ion Ratio Lower Upper
99 100
42 20.1 13.8 20.6
71 39.7 26.9 40.3



#10
Phenol
Concen: 3.76 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.029 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

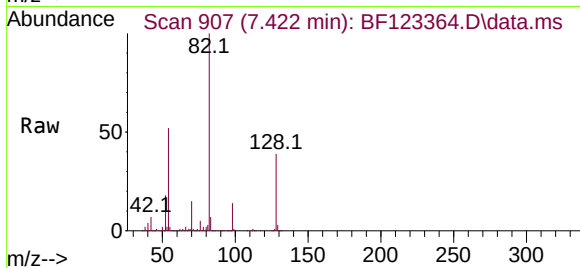
Tgt Ion: 94 Resp: 167710
Ion Ratio Lower Upper
94 100
65 32.4 11.2 51.2
66 54.1 25.8 65.8



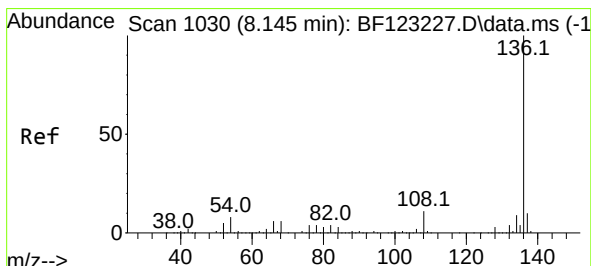
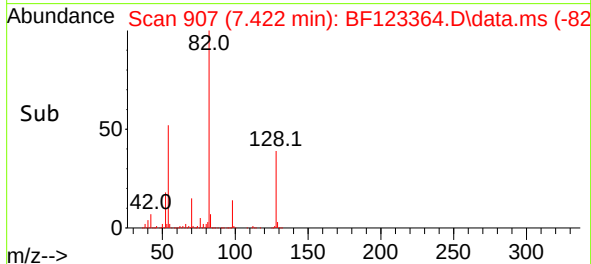
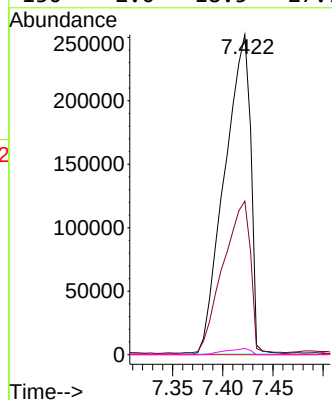


#19
n-Nitroso-di-n-propylamine
Concen: 18.69 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.159 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

Instrument :
BNA_F
ClientSampled :
MH-J

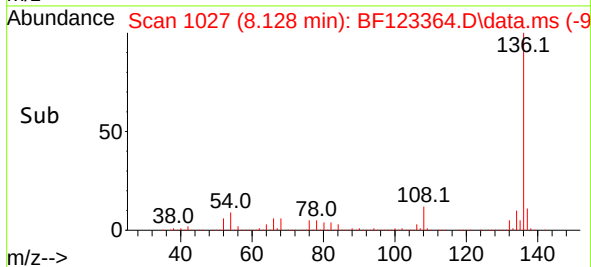
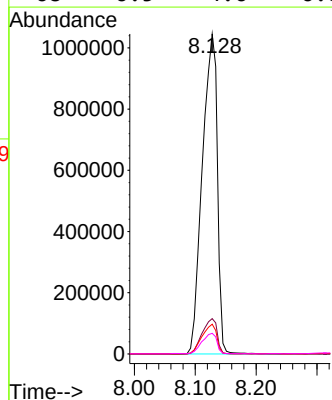
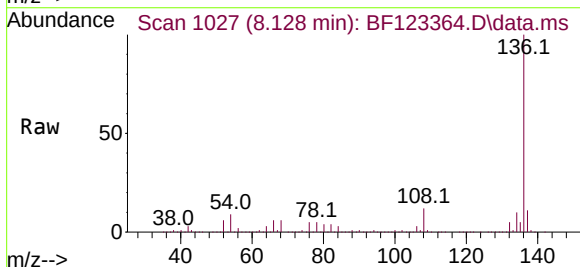


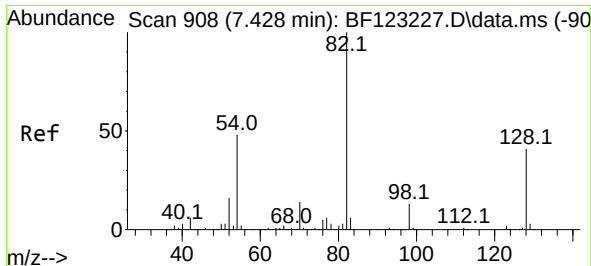
Tgt Ion: 70 Resp: 455009
Ion Ratio Lower Upper
70 100
42 48.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

Tgt Ion: 136 Resp: 1794592
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 5.5 8.3#
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 81.14 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF123364.D

Acq: 3 Mar 2021 19:47

Tgt Ion: 82 Resp: 3181139

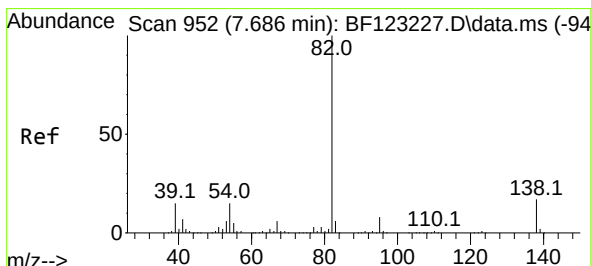
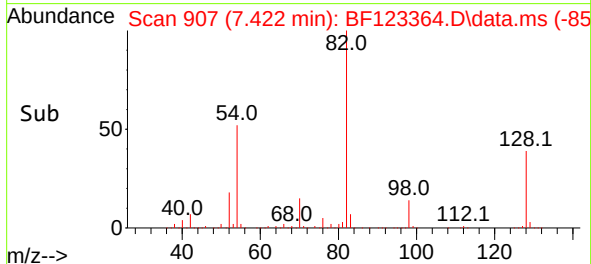
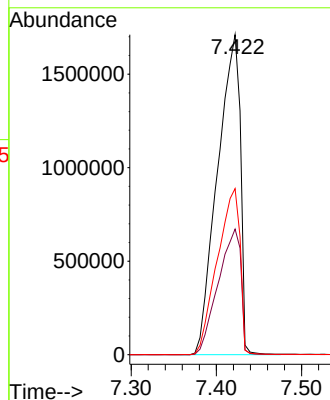
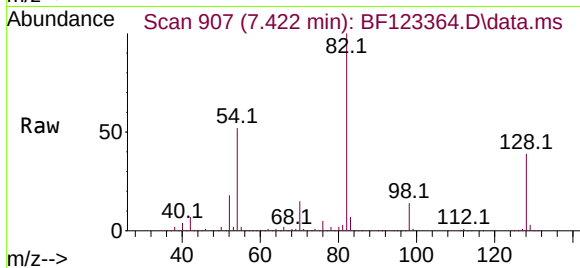
Ion	Ratio	Lower	Upper
82	100		
128	39.2	37.0	55.4
54	51.9	38.4	57.6

Instrument :

BNA_F

ClientSampled :

MH-J



#25

Isophorone

Concen: 41.22 ng

RT: 7.422 min Scan# 907

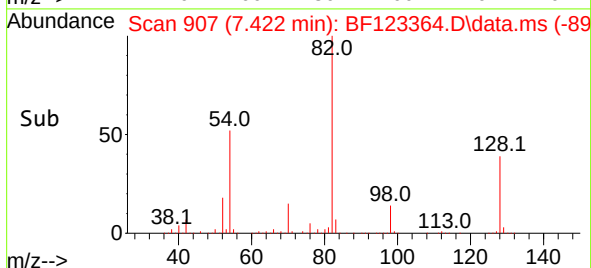
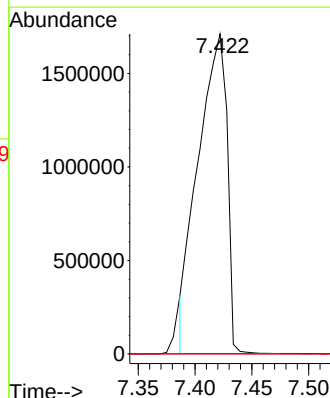
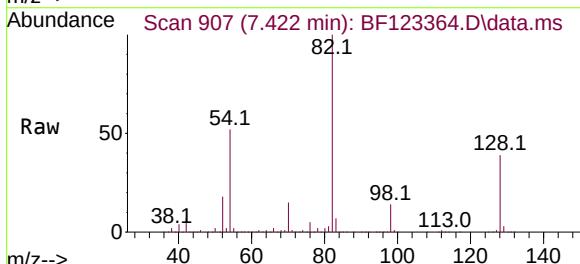
Delta R.T. -0.253 min

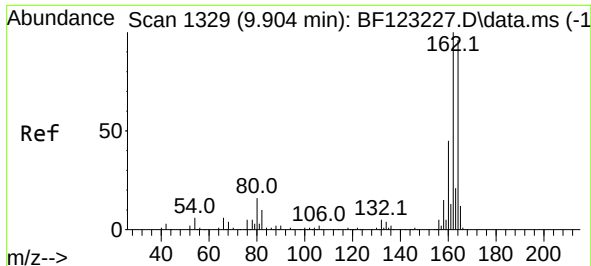
Lab File: BF123364.D

Acq: 3 Mar 2021 19:47

Tgt Ion: 82 Resp: 3022079

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

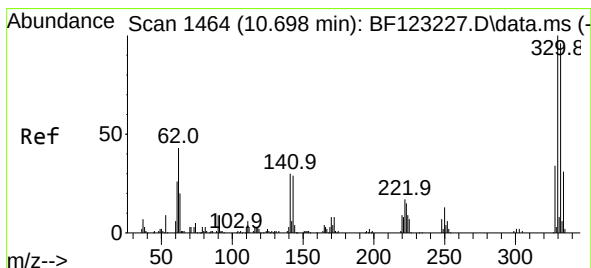
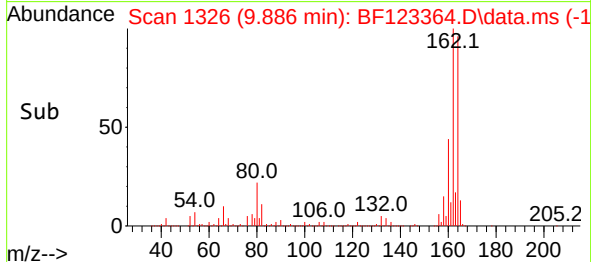
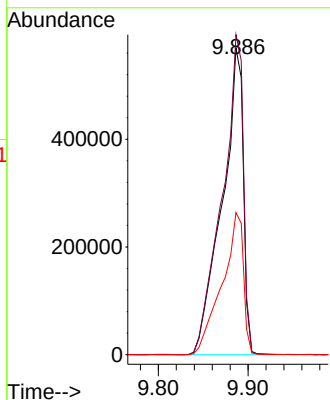
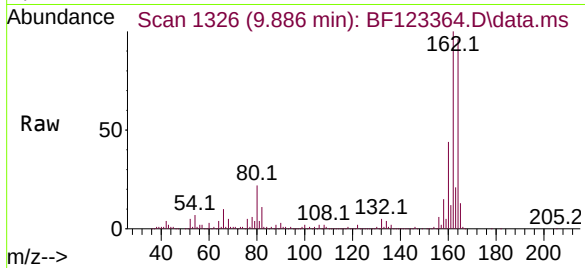




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

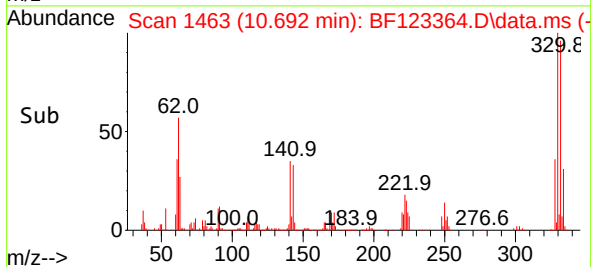
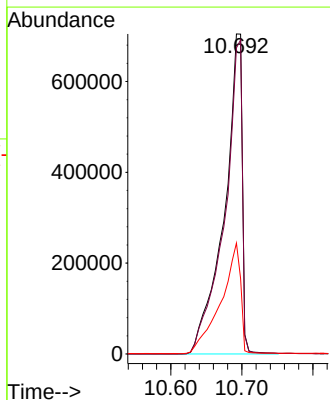
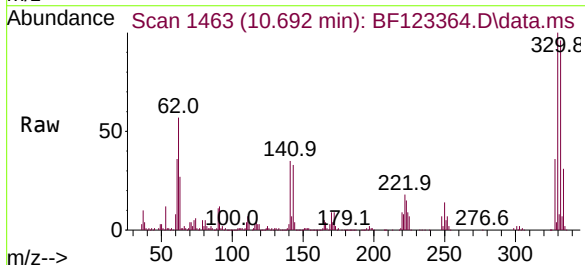
Instrument :
BNA_F
ClientSampled :
MH-J

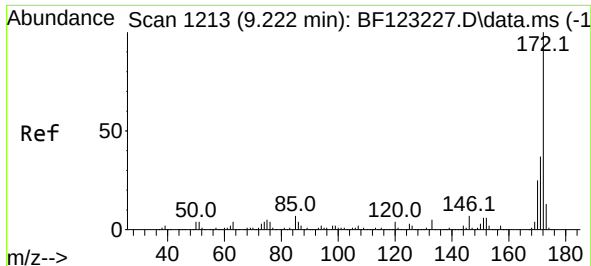
Tgt Ion:164 Resp: 926220
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 46.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 131.62 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

Tgt Ion:330 Resp: 1241298
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 37.8 23.8 35.8#

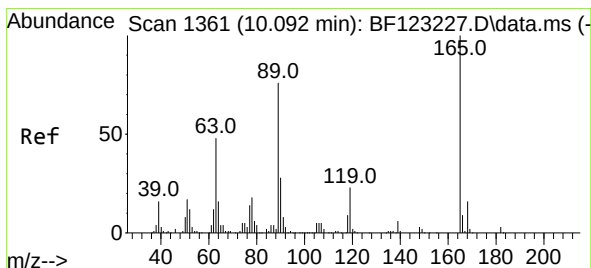
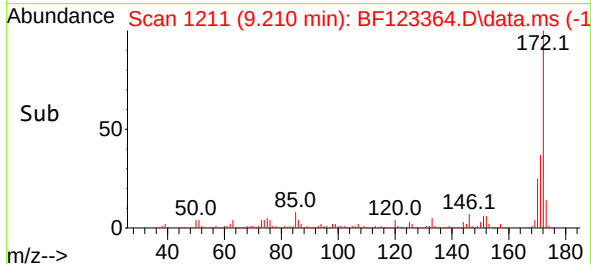
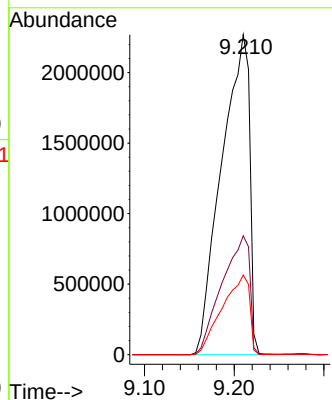
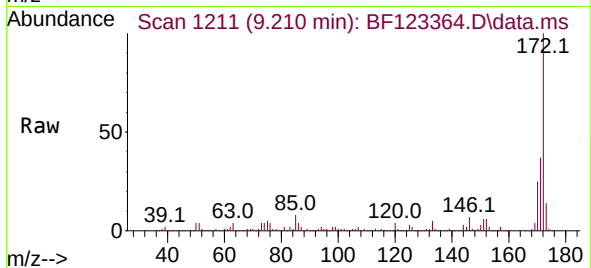




#45
2-Fluorobiphenyl
Concen: 76.19 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

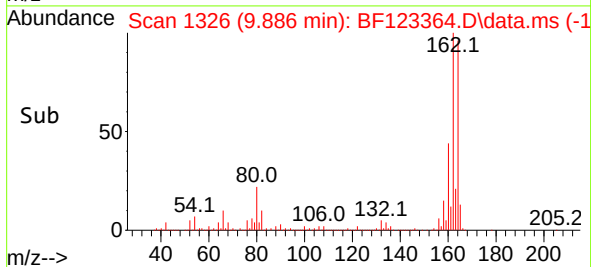
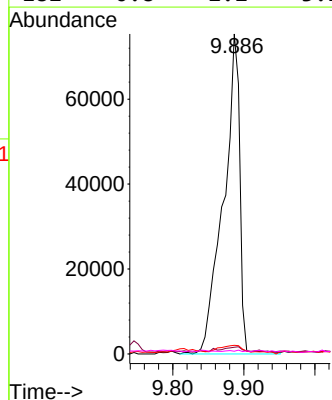
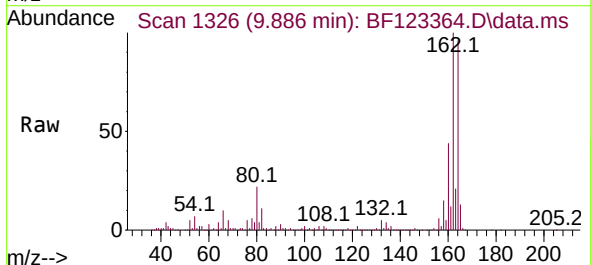
Instrument :
BNA_F
ClientSampled :
MH-J

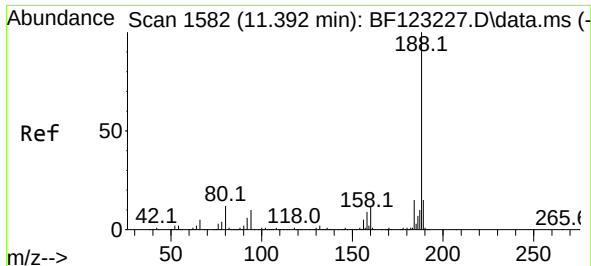
Tgt Ion:172 Resp: 4913003
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.9 19.5 29.3



#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

Tgt Ion:165 Resp: 120435
Ion Ratio Lower Upper
165 100
63 2.1 34.3 51.5#
89 2.7 55.2 82.8#
182 0.8 2.2 3.2#

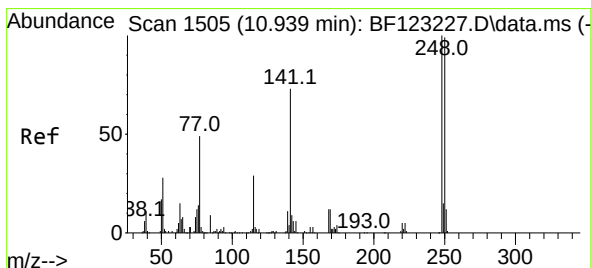
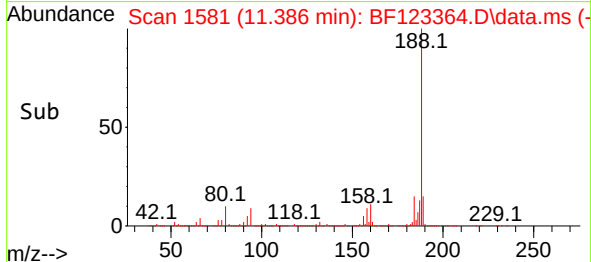
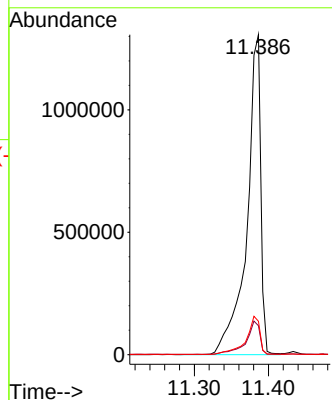
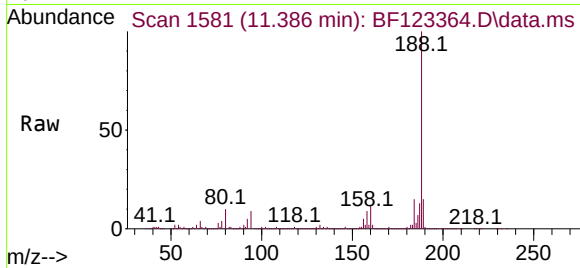




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

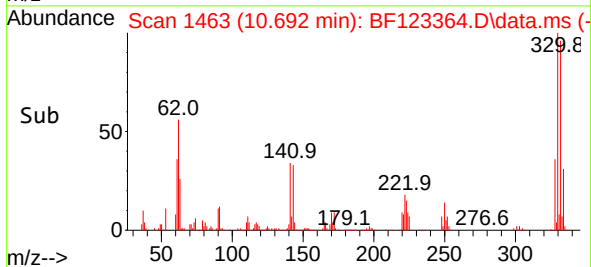
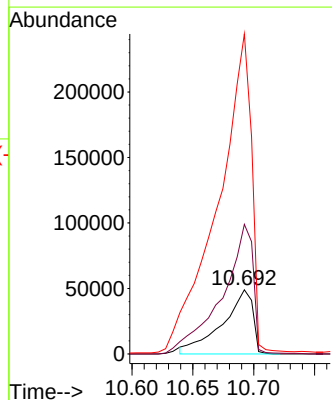
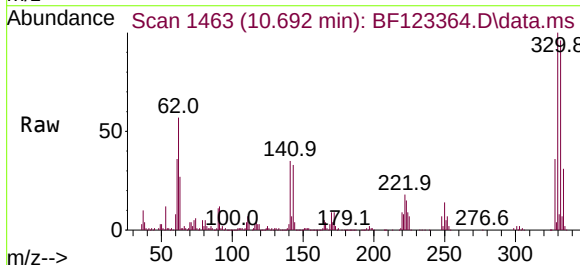
Instrument :
BNA_F
ClientSampled :
MH-J

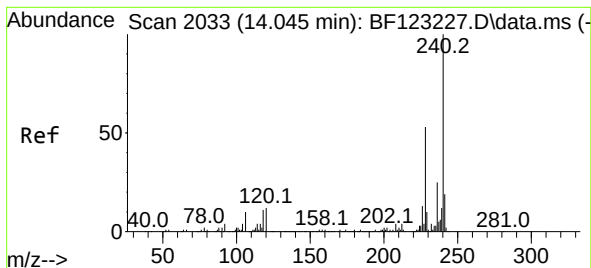
Tgt Ion:188 Resp: 1688962
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.229 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

Tgt Ion:248 Resp: 85241
Ion Ratio Lower Upper
248 100
250 201.8 76.8 115.2#
141 498.2 59.8 89.8#

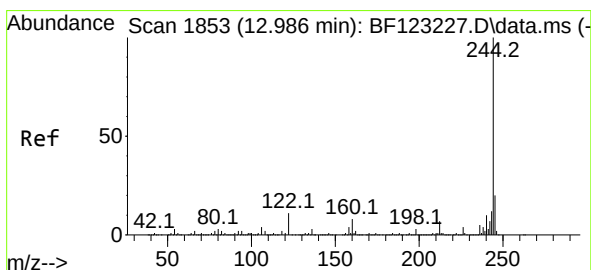
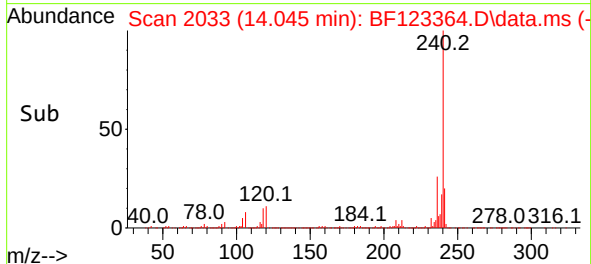
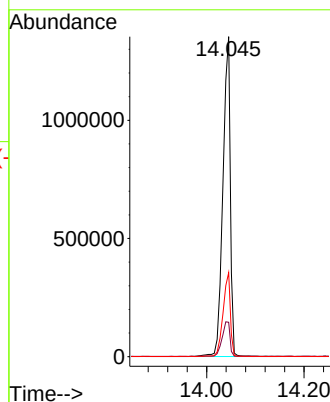
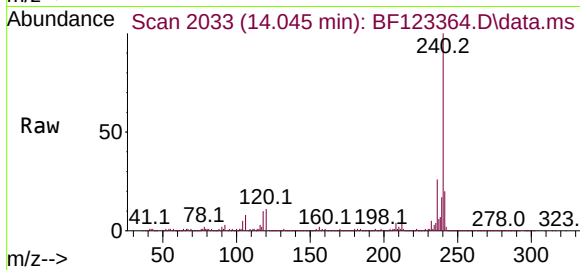




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

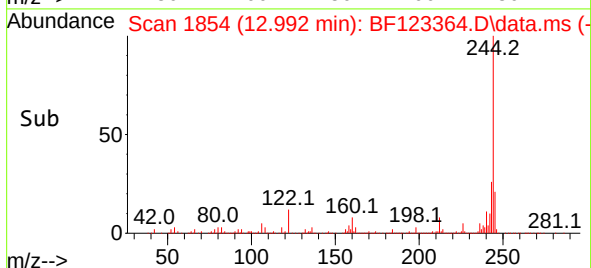
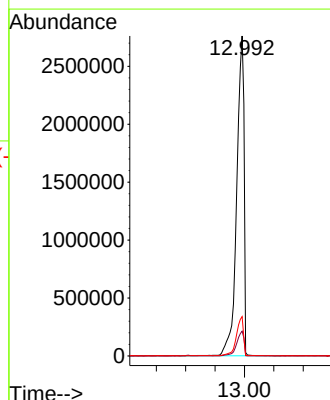
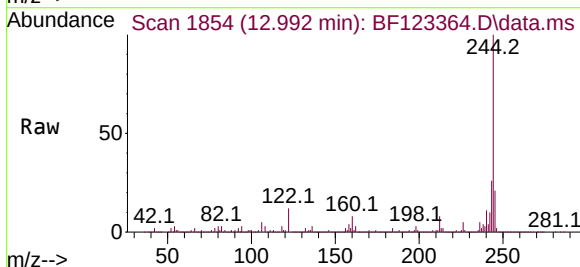
Instrument :
BNA_F
ClientSampleId :
MH-J

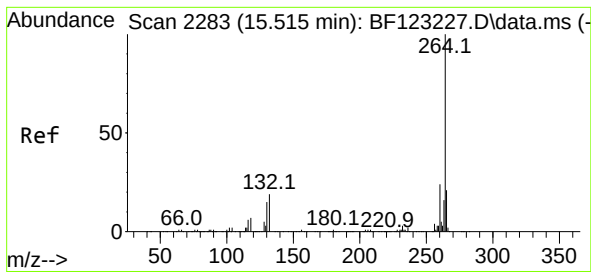
Tgt Ion:240 Resp: 1433672
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 63.58 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.024 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

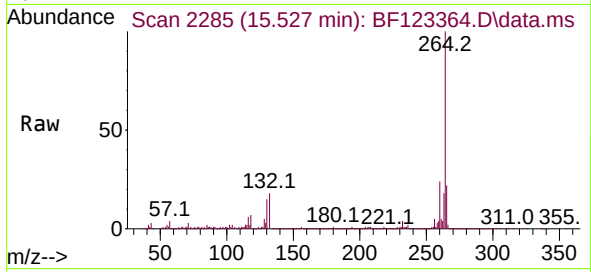
Tgt Ion:244 Resp: 4740413
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 12.3 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.029 min
Lab File: BF123364.D
Acq: 3 Mar 2021 19:47

Instrument :
BNA_F
ClientSampleId :
MH-J



Tgt Ion:264 Resp: 1360669

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.5	17.0	25.6

