

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123363.D
 Acq On : 3 Mar 2021 19:14
 Operator : JU/CG
 Sample : M1545-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G

Quant Time: Mar 03 23:54:21 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)

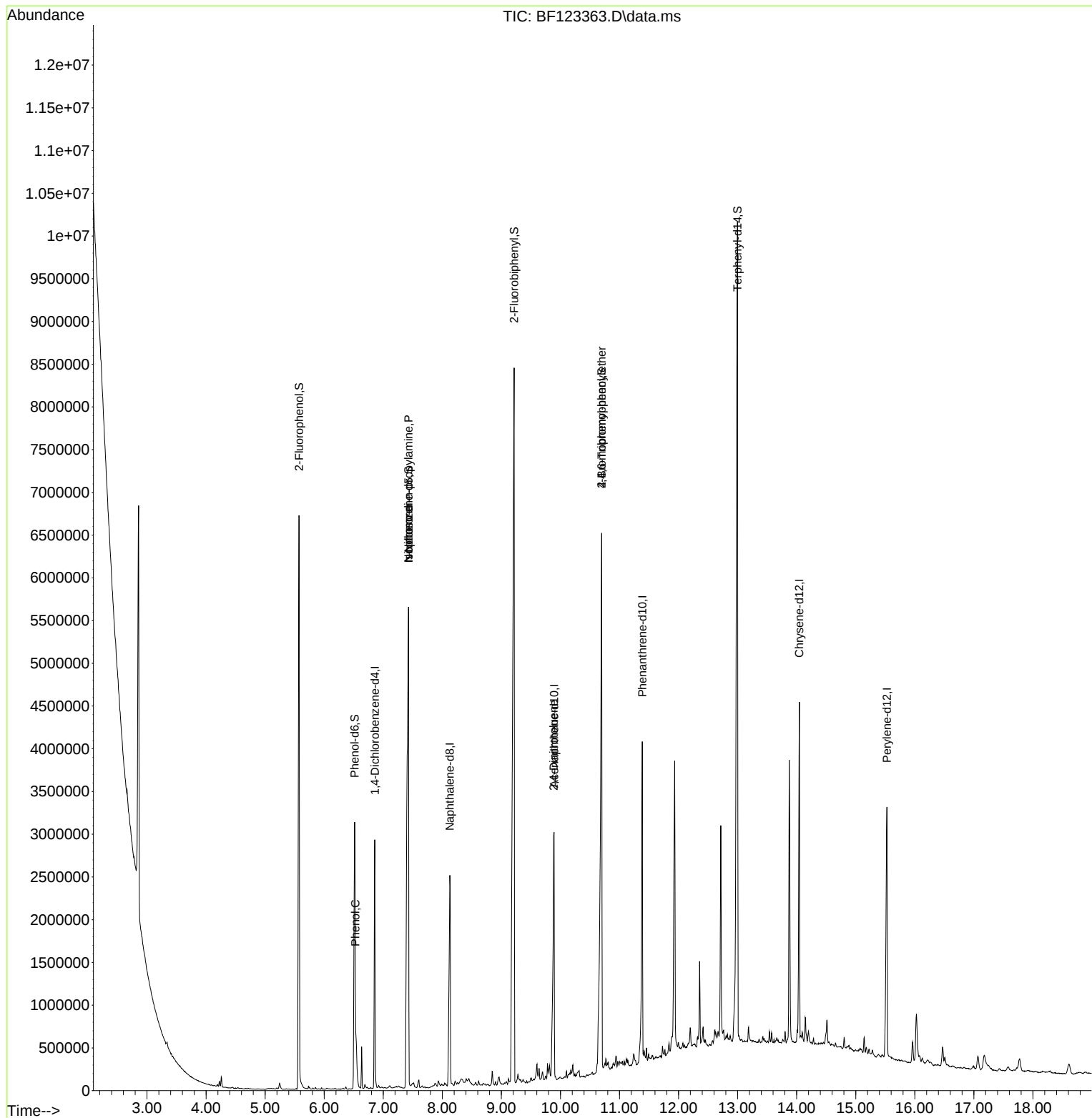
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	436944	20.00	ng	0.01
21) Naphthalene-d8	8.128	136	1802444	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	934523	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1653164	20.00	ng	0.00
76) Chrysene-d12	14.045	240	1441538	20.00	ng	0.01
86) Perylene-d12	15.527	264	1444664	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1985789	65.42	ng	0.11
7) Phenol-d6	6.516	99	1706676	41.38	ng	0.03
23) Nitrobenzene-d5	7.428	82	3444107	87.47	ng	0.01
42) 2,4,6-Tribromophenol	10.698	330	1395976	146.70	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	5219206	80.22	ng	0.00
79) Terphenyl-d14	12.998	244	5378297	71.74	ng	0.03
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	1324	Below Cal	#	78
10) Phenol	6.528	94	122886	2.73	ng	87
19) n-Nitroso-di-n-propyla...	7.428	70	494157	20.14	ng	# 79
25) Isophorone	7.428	82	3283469	44.59	ng	# 65
57) 2,4-Dinitrotoluene	9.886	165	123126	5.68	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	95295	5.29	ng	# 1

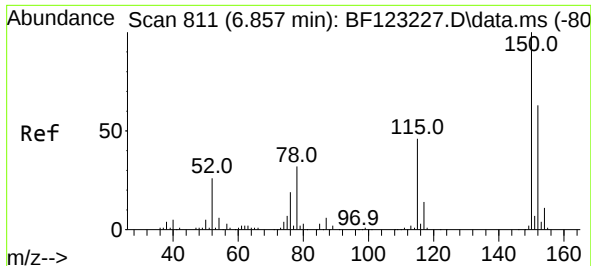
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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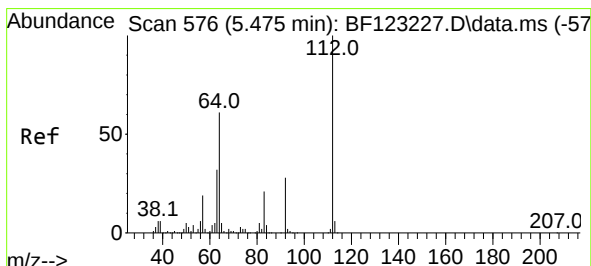
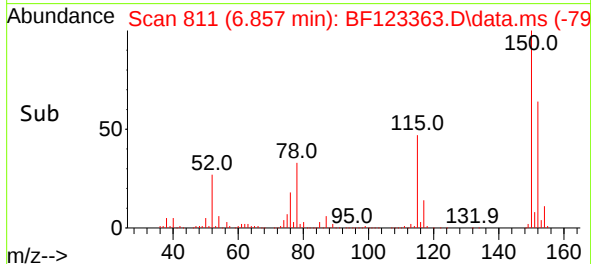
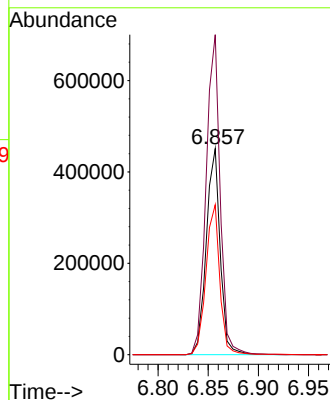
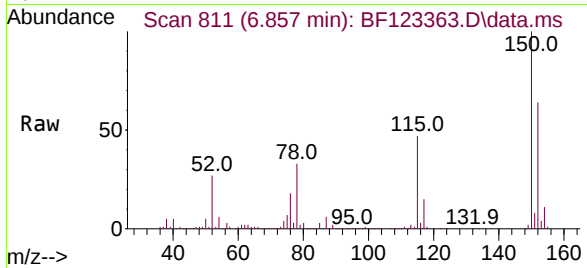




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

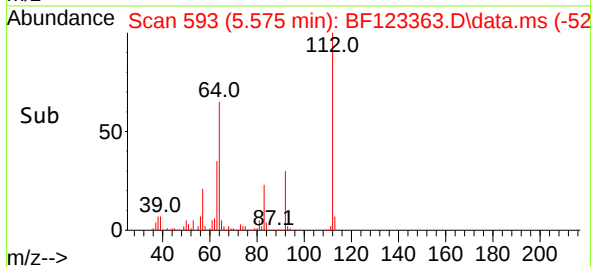
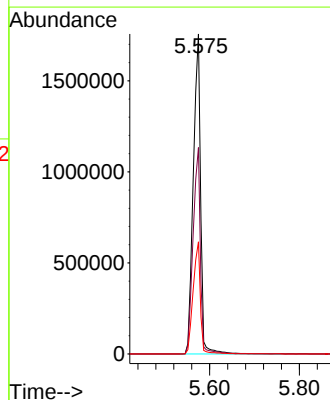
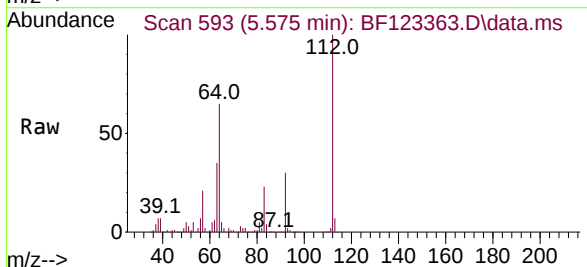
Instrument :
BNA_F
ClientSampleId :
MH-G

Tgt Ion:152 Resp: 436944
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 72.7 49.3 73.9



#5
2-Fluorophenol
Concen: 65.42 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.106 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

Tgt Ion:112 Resp: 1985789
Ion Ratio Lower Upper
112 100
64 64.5 46.9 70.3
63 35.1 24.5 36.7

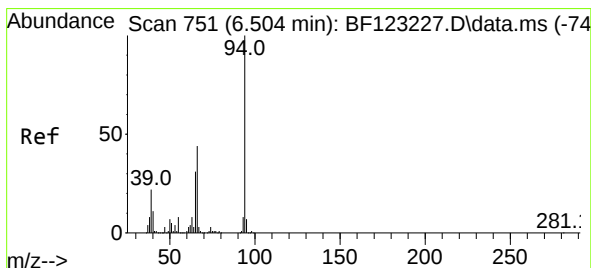
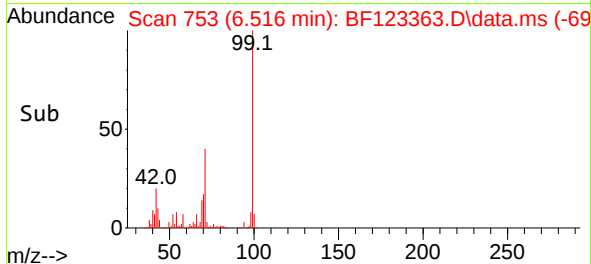
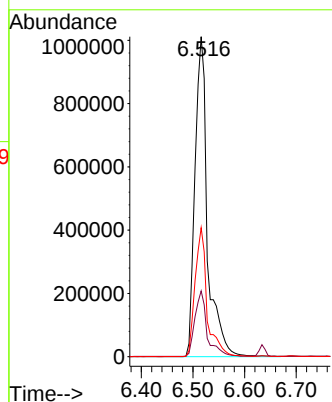
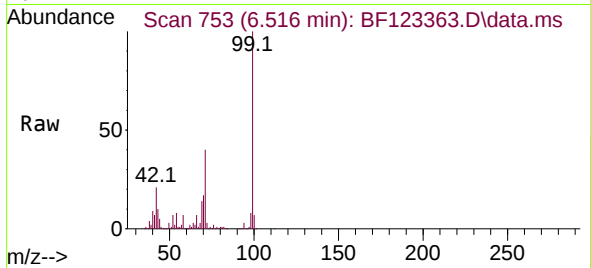




#7
Phenol-d6
Concen: 41.38 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.029 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

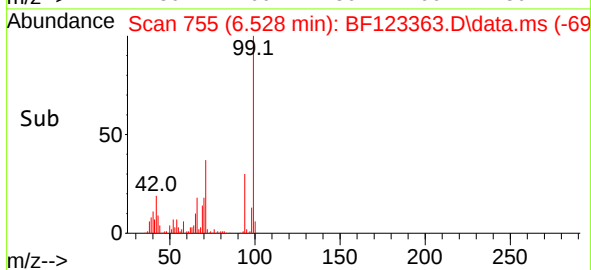
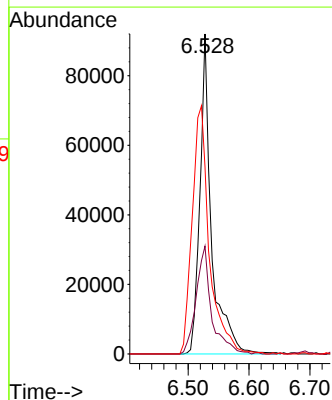
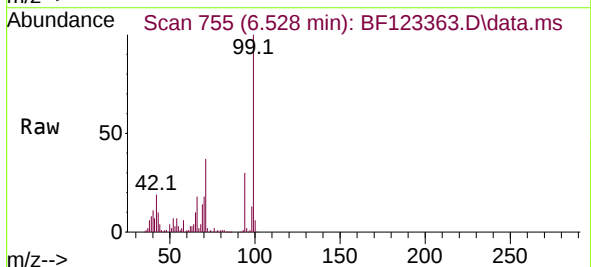
Instrument :
BNA_F
ClientSampleId :
MH-G

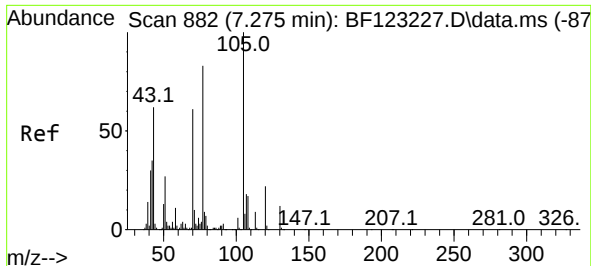
Tgt Ion: 99 Resp: 1706676
Ion Ratio Lower Upper
99 100
42 20.6 13.8 20.6
71 40.3 26.9 40.3



#10
Phenol
Concen: 2.73 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.029 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

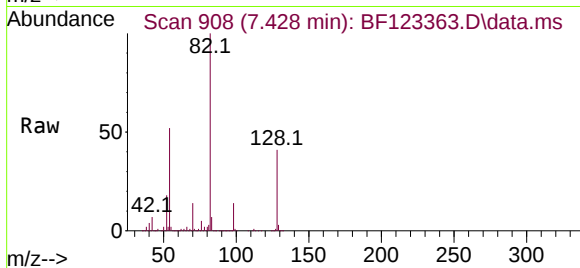
Tgt Ion: 94 Resp: 122886
Ion Ratio Lower Upper
94 100
65 33.7 11.2 51.2
66 58.5 25.8 65.8



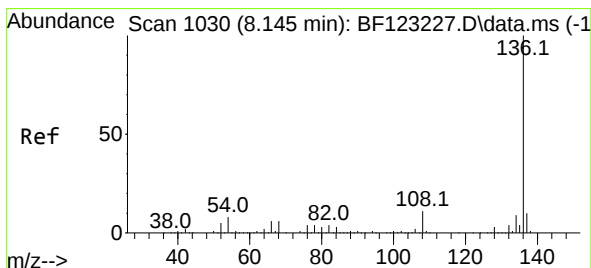
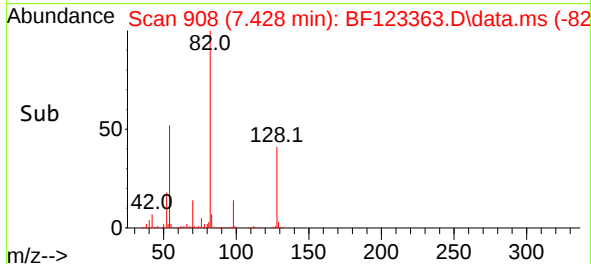
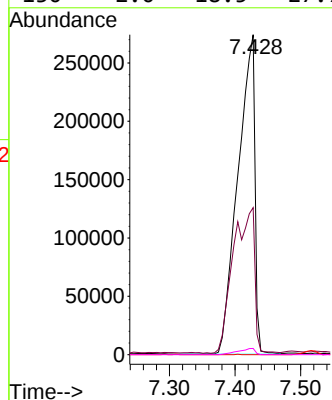


#19
n-Nitroso-di-n-propylamine
Concen: 20.14 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.164 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

Instrument :
BNA_F
ClientSampleId :
MH-G

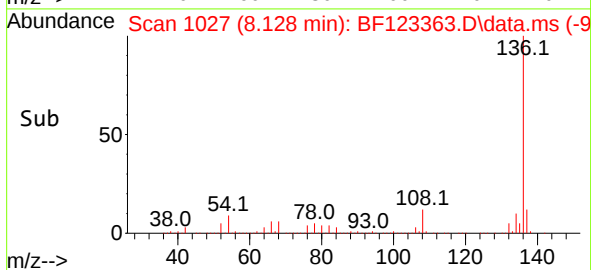
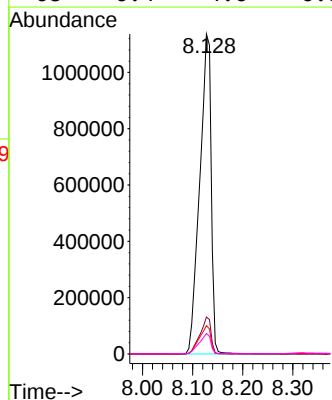
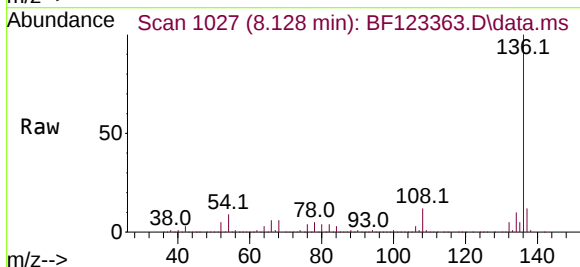


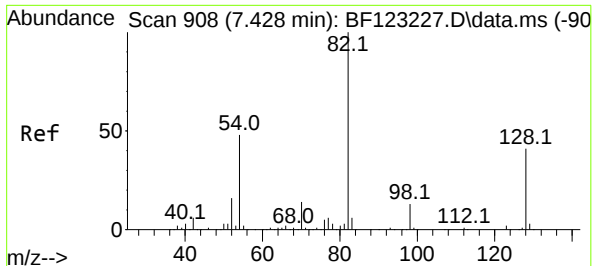
Tgt Ion: 70 Resp: 494157
Ion Ratio Lower Upper
70 100
42 45.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

Tgt Ion: 136 Resp: 1802444
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.8 5.5 8.3#
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 87.47 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.012 min

Lab File: BF123363.D

Acq: 3 Mar 2021 19:14

Tgt Ion: 82 Resp: 3444107

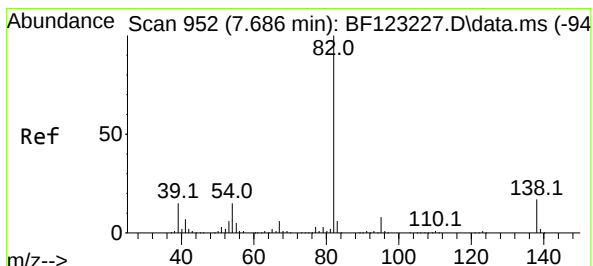
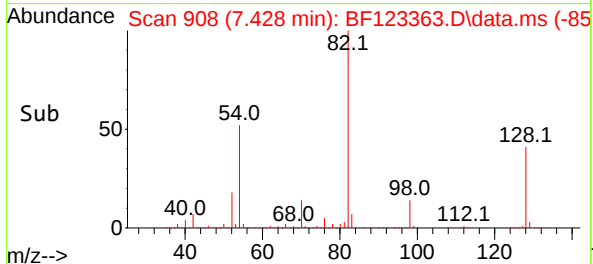
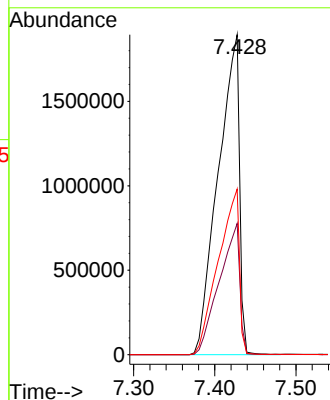
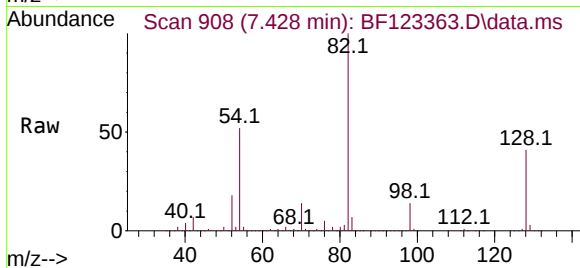
Ion	Ratio	Lower	Upper
82	100		
128	41.0	37.0	55.4
54	51.8	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

MH-G



#25

Isophorone

Concen: 44.59 ng

RT: 7.428 min Scan# 908

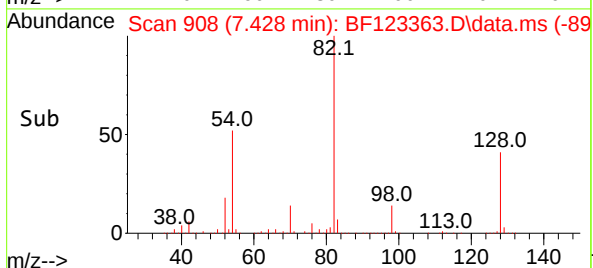
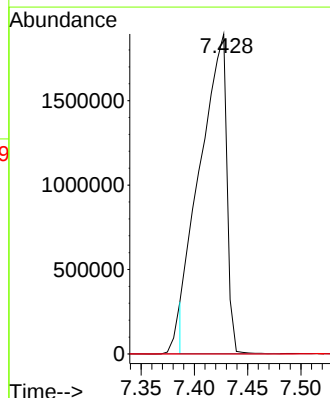
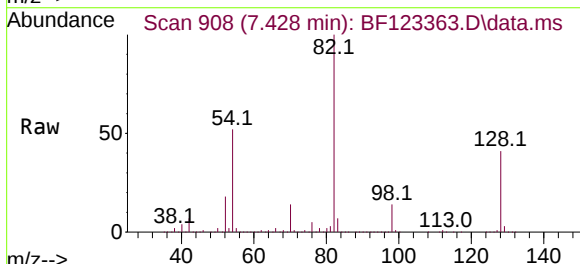
Delta R.T. -0.247 min

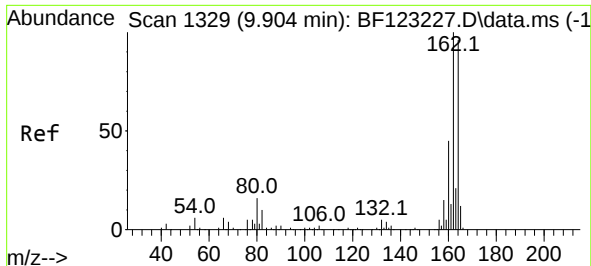
Lab File: BF123363.D

Acq: 3 Mar 2021 19:14

Tgt Ion: 82 Resp: 3283469

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

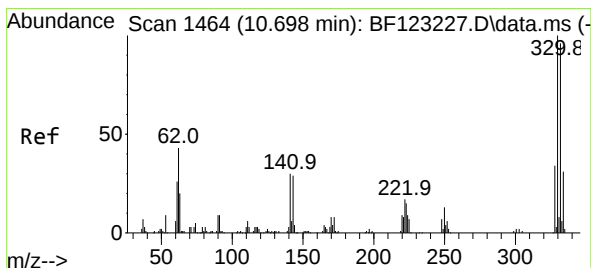
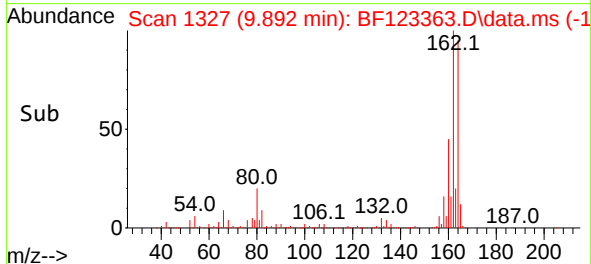
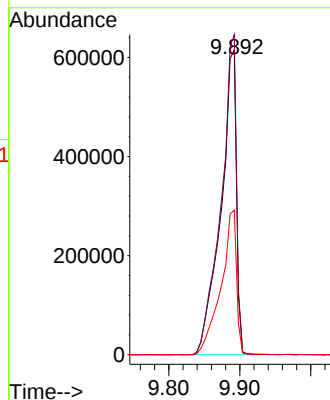
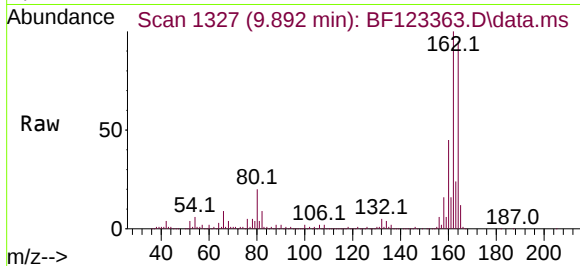




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

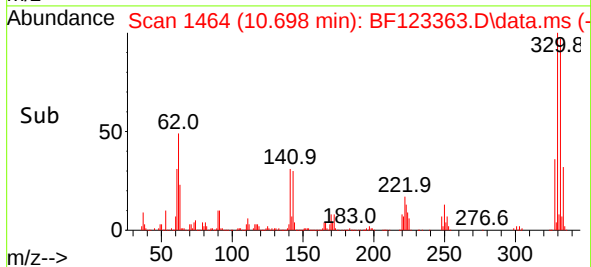
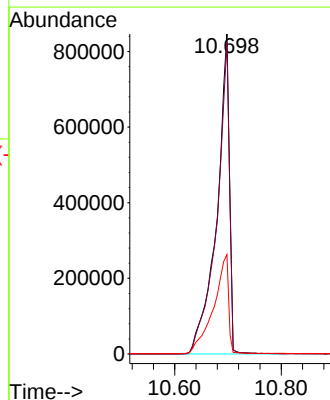
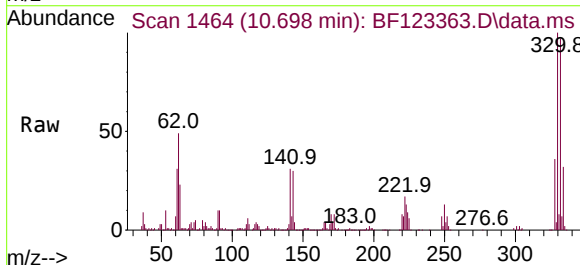
Instrument :
BNA_F
ClientSampled :
MH-G

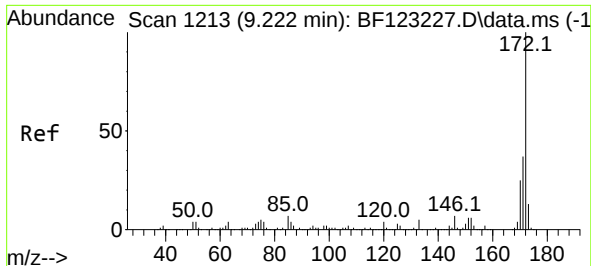
Tgt Ion:164 Resp: 934523
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 47.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 146.70 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.017 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

Tgt Ion:330 Resp: 1395976
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 36.3 23.8 35.8#

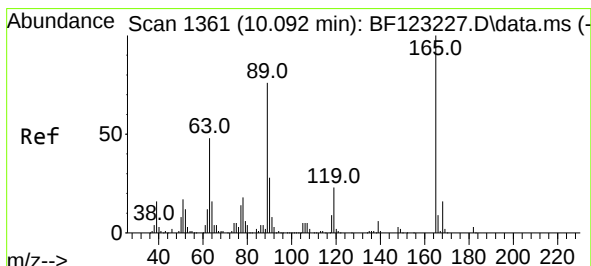
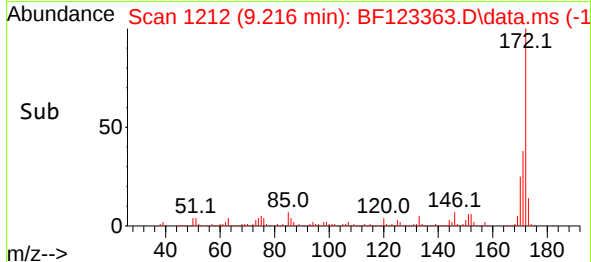
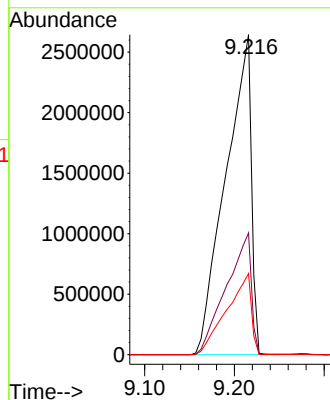
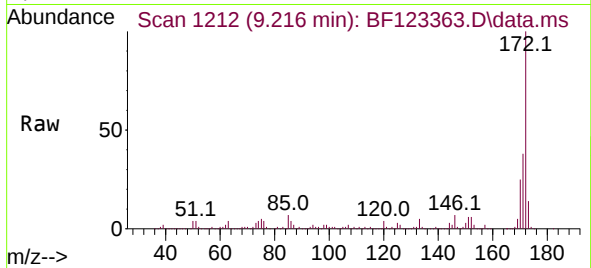




#45
2-Fluorobiphenyl
Concen: 80.22 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

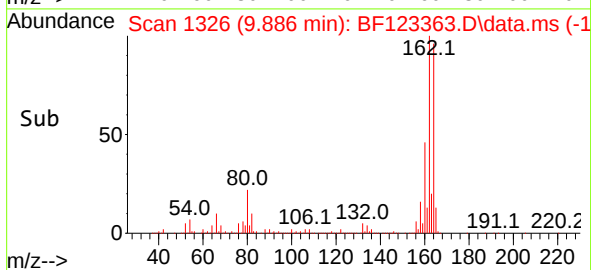
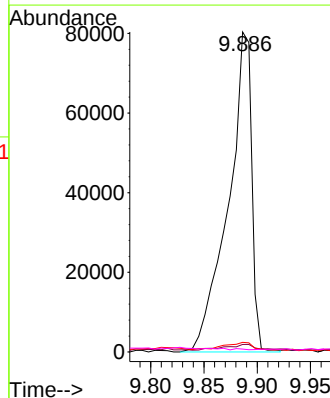
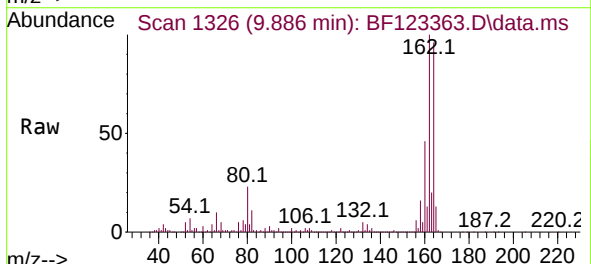
Instrument :
BNA_F
ClientSampled :
MH-G

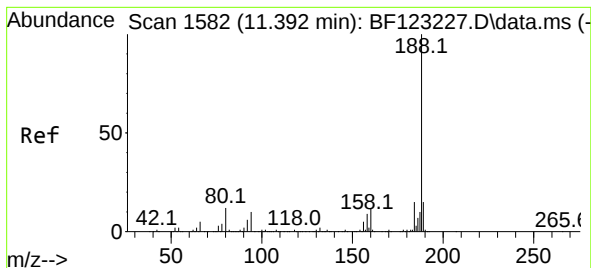
Tgt Ion:172 Resp: 5219206
Ion Ratio Lower Upper
172 100
171 38.1 29.6 44.4
170 25.4 19.5 29.3



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

Tgt Ion:165 Resp: 123126
Ion Ratio Lower Upper
165 100
63 2.4 34.3 51.5#
89 3.0 55.2 82.8#
182 0.9 2.2 3.2#

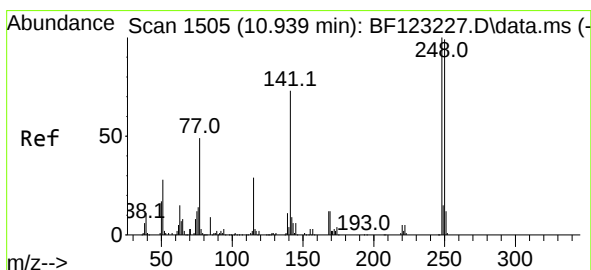
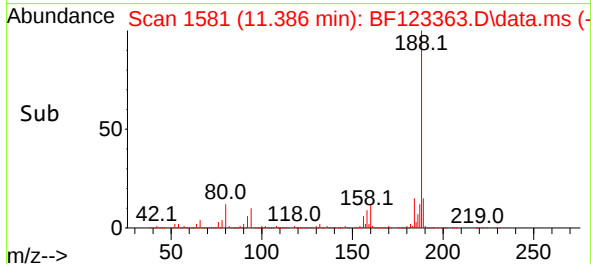
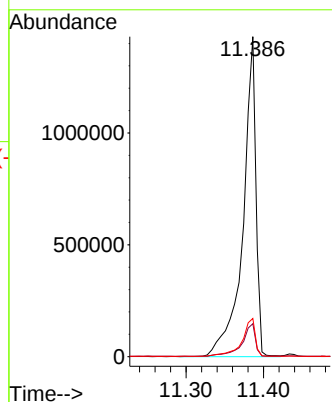
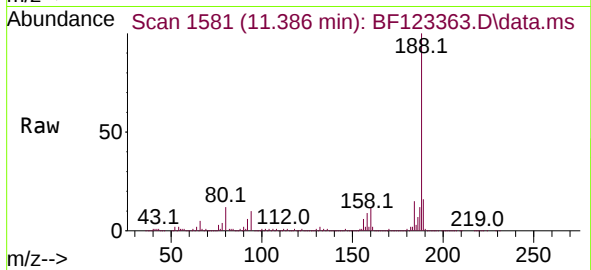




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

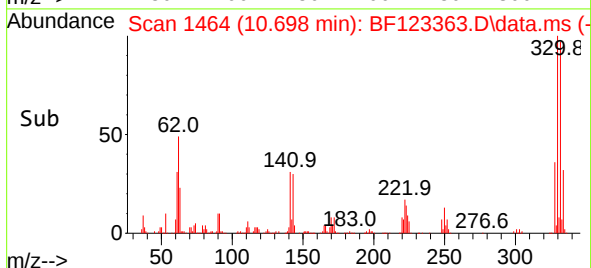
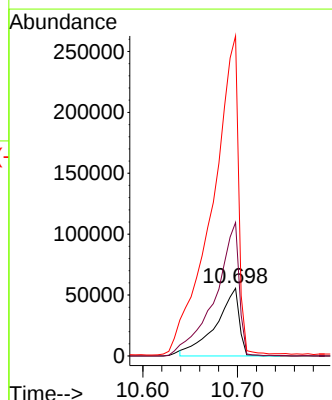
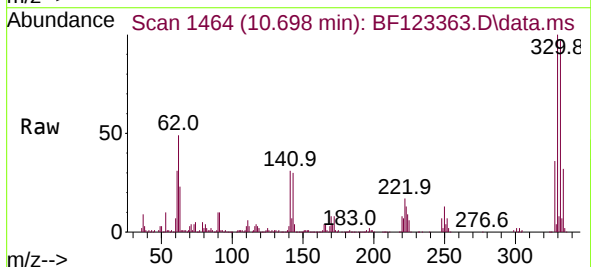
Instrument :
BNA_F
ClientSampled :
MH-G

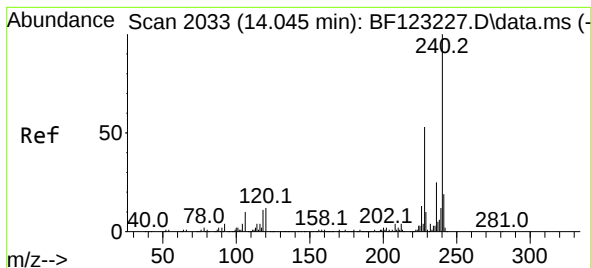
Tgt Ion:188 Resp: 1653164
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 12.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.29 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.224 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

Tgt Ion:248 Resp: 95295
Ion Ratio Lower Upper
248 100
250 197.2 76.8 115.2#
141 472.9 59.8 89.8#

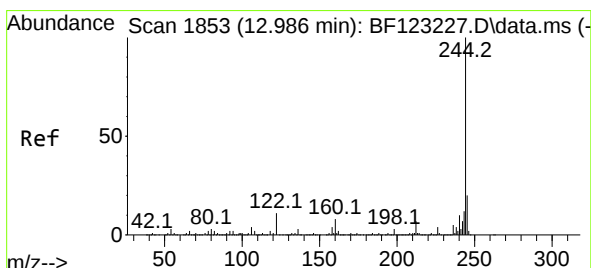
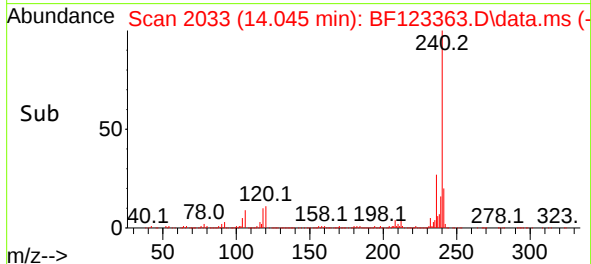
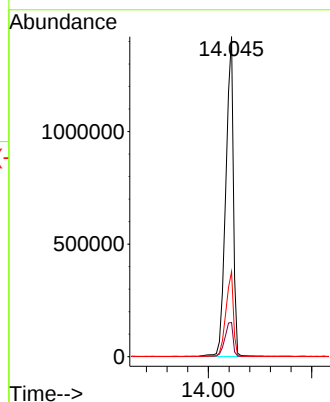
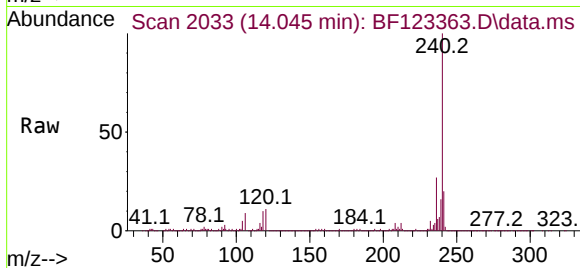




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

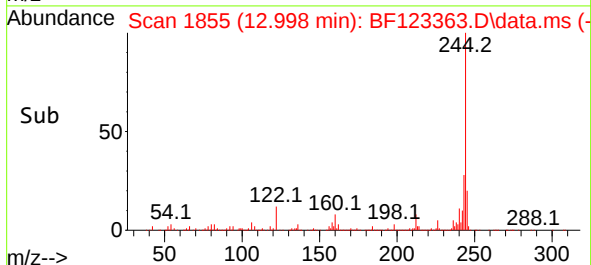
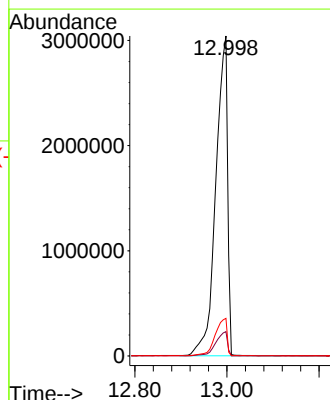
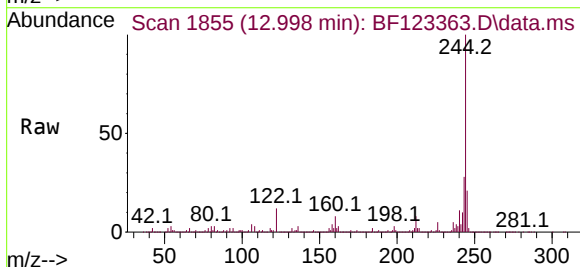
Instrument :
BNA_F
ClientSampleId :
MH-G

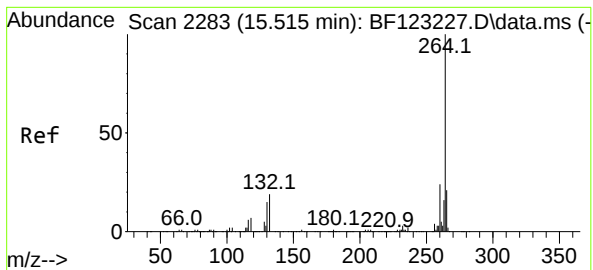
Tgt Ion:240 Resp: 1441538
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 71.74 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.029 min
Lab File: BF123363.D
Acq: 3 Mar 2021 19:14

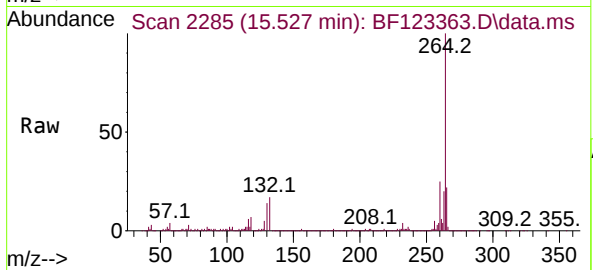
Tgt Ion:244 Resp: 5378297
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. 0.029 min
 Lab File: BF123363.D
 Acq: 3 Mar 2021 19:14

Instrument :
 BNA_F
 ClientSampleId :
 MH-G



Tgt Ion:264 Resp: 1444664

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	21.8	17.0	25.6

