

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112993.D
 Acq On : 12 Mar 2019 9:25
 Operator : JU/SJ
 Sample : K1817-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B103-030619

Quant Time: Mar 12 12:03:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

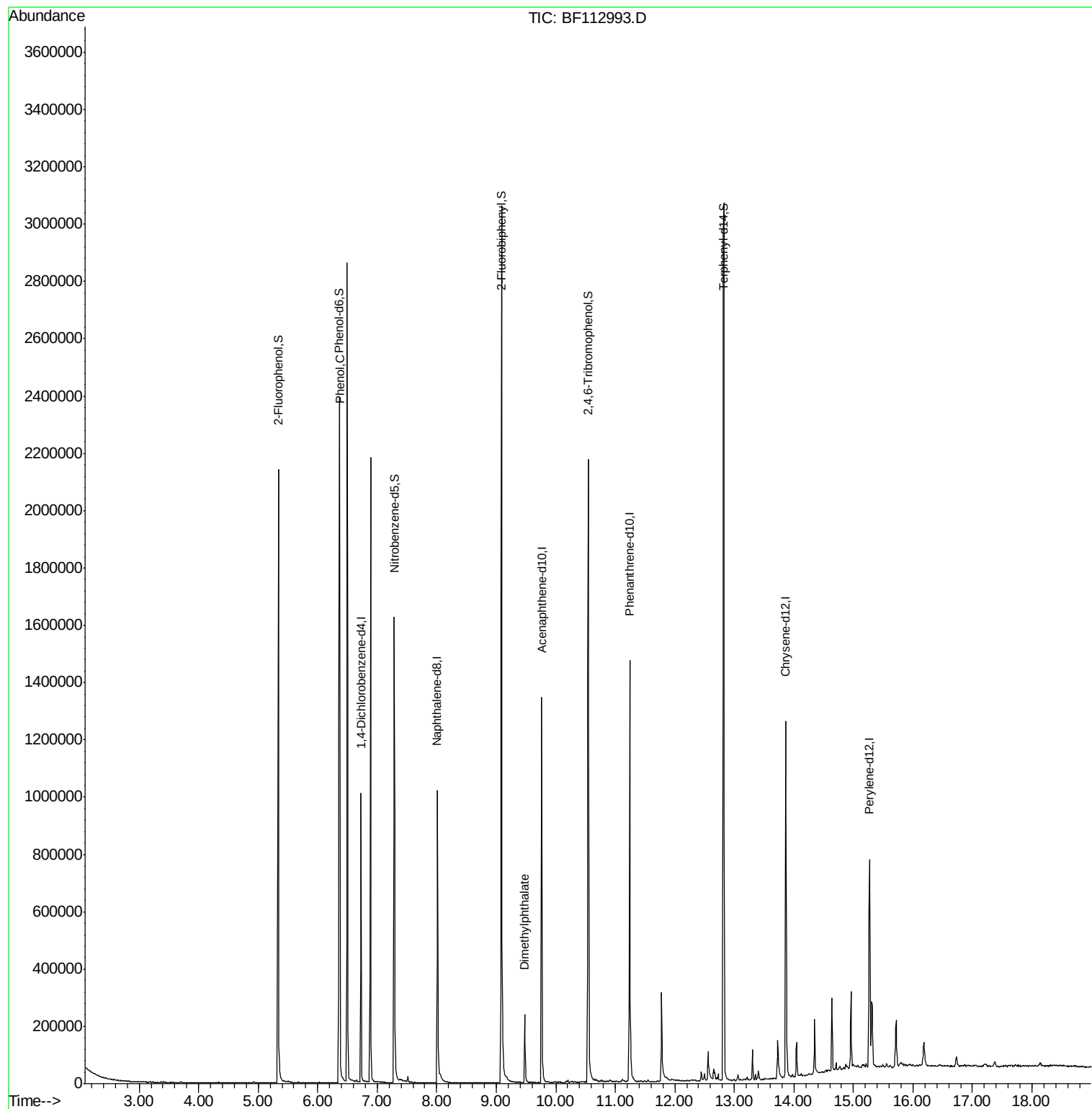
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	142374	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	565212	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	295470	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	624169	20.00	ng	0.00
76) Chrysene-d12	13.86	240	476272	20.00	ng	-0.01
87) Perylene-d12	15.27	264	380690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	669598	73.16	ng	0.00
7) Phenol-d6	6.36	99	900288	78.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	516375	54.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	312475	99.62	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1058791	53.89	ng	-0.01
79) Terphenyl-d14	12.82	244	1208090	49.17	ng	0.00
Target Compounds						
10) Phenol	6.37	94	31112	2.319	ng	92
50) Dimethylphthalate	9.48	163	108682	4.988	ng	99

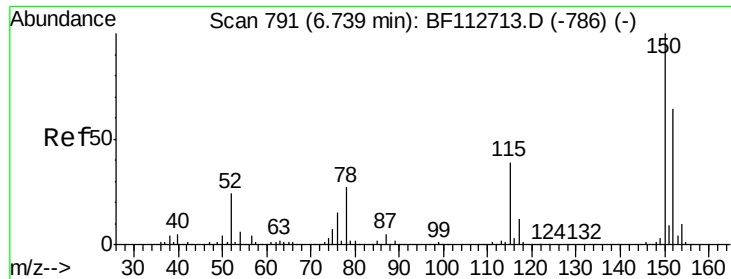
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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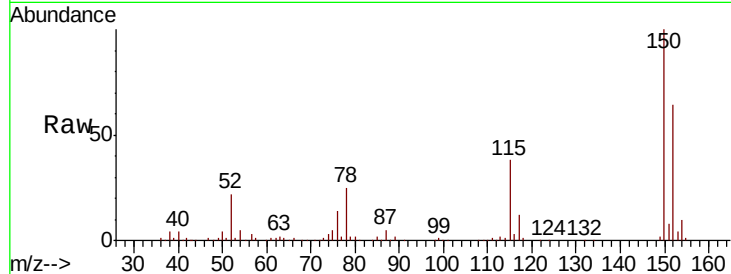


#1

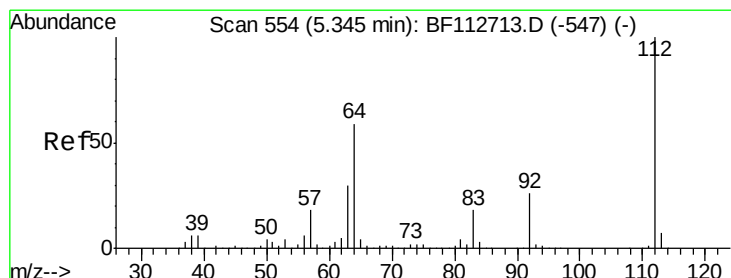
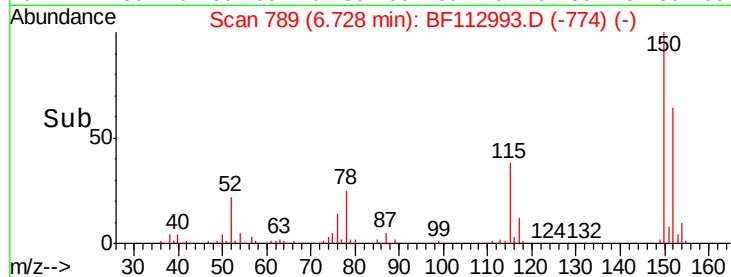
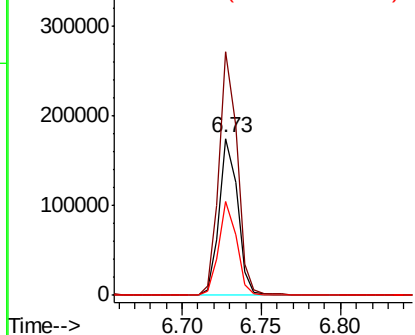
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

Instrument :
BNA_F
ClientSampleId :
PST-028-B103-030619

Tot Ion:152 Resp: 142374
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.2
115 59.7 48.2 72.4



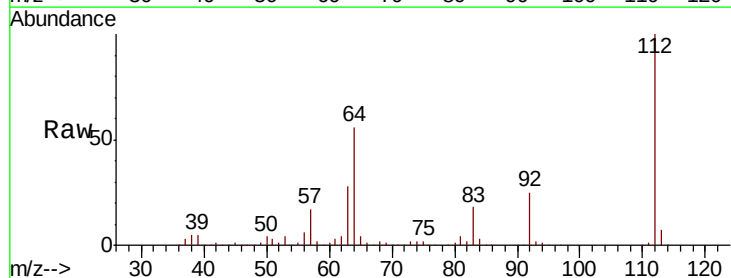
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



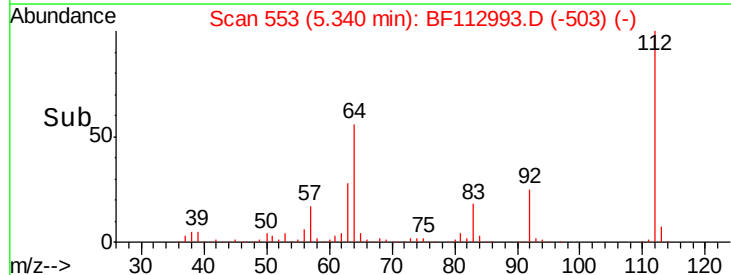
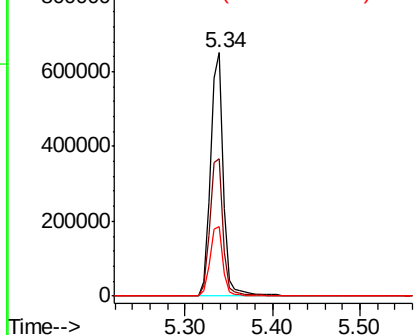
#5

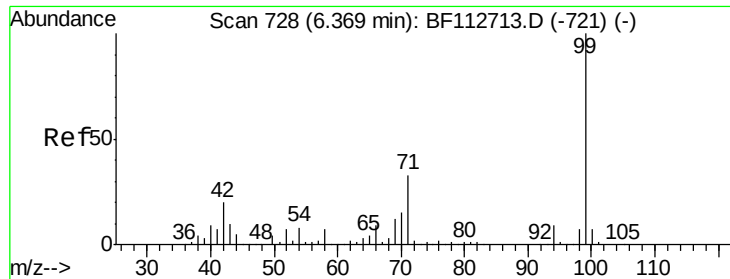
2-Fluorophenol
Concen: 73.159 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

Tgt Ion:112 Resp: 669598
Ion Ratio Lower Upper
112 100
64 56.4 47.6 71.4
63 28.4 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 78.304 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112993.D

Acq: 12 Mar 2019 9:25

Instrument :

BNA_F

ClientSampleId :

PST-028-B103-030619

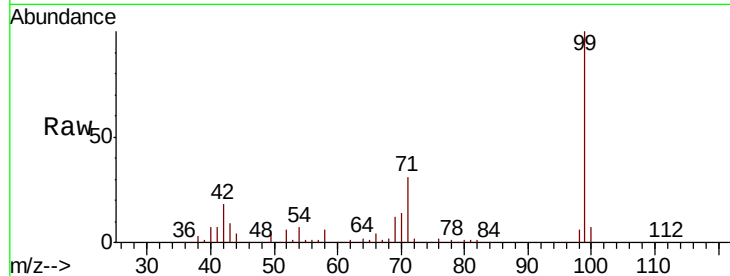
Tot Ion: 99 Resp: 900288

Ion Ratio Lower Upper

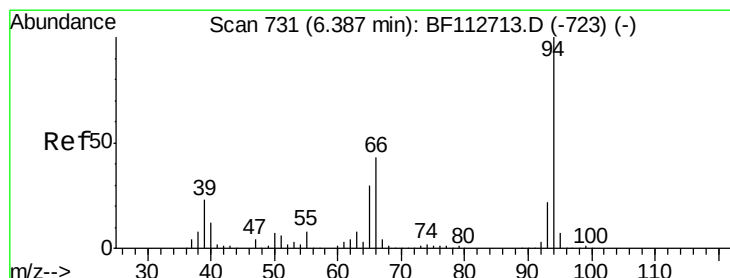
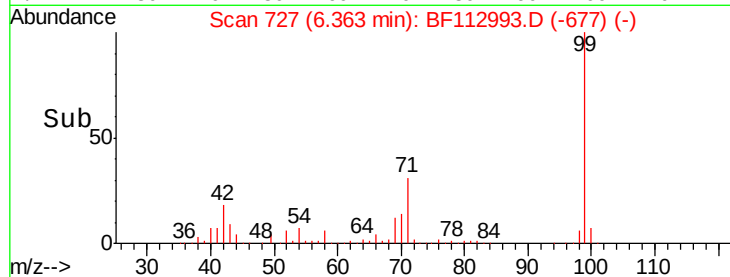
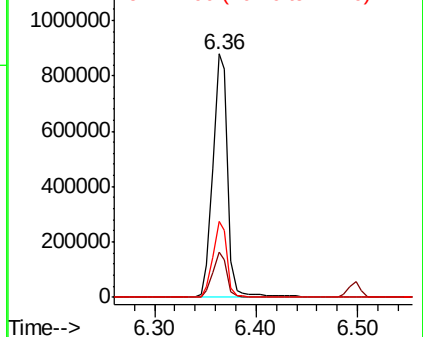
99 100

42 18.5 16.3 24.5

71 31.1 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.319 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112993.D

Acq: 12 Mar 2019 9:25

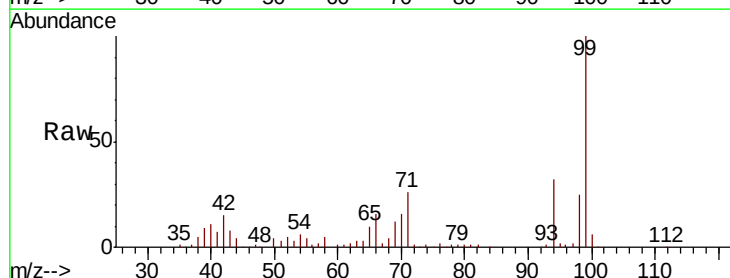
Tgt Ion: 94 Resp: 31112

Ion Ratio Lower Upper

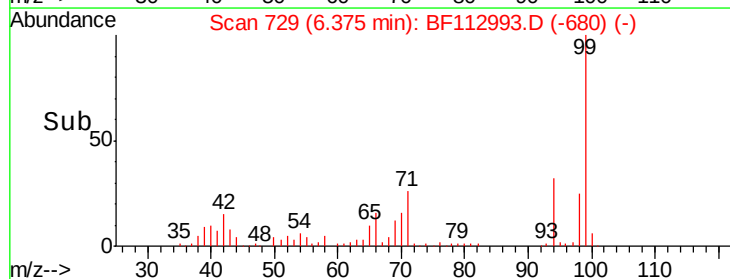
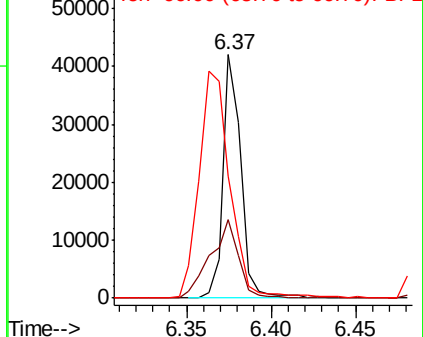
94 100

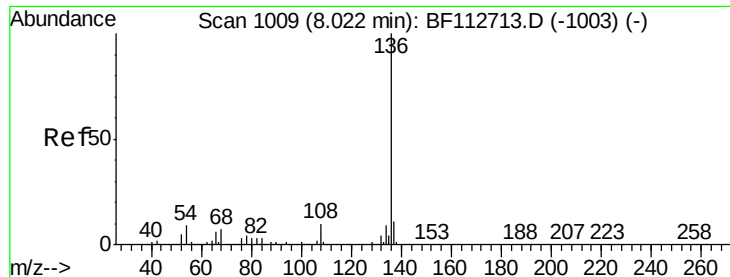
65 32.3 10.5 50.5

66 50.0 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

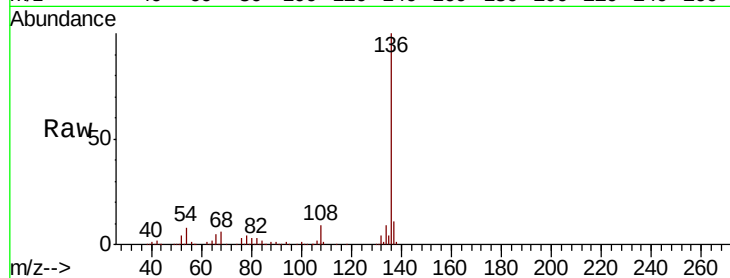




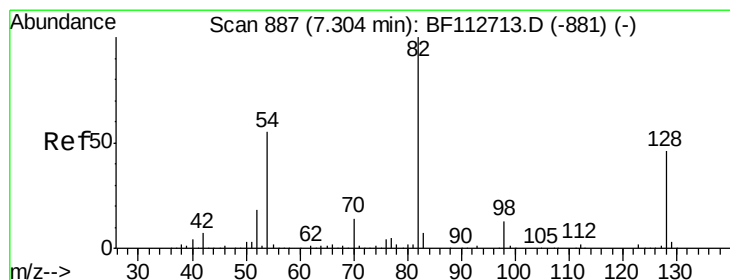
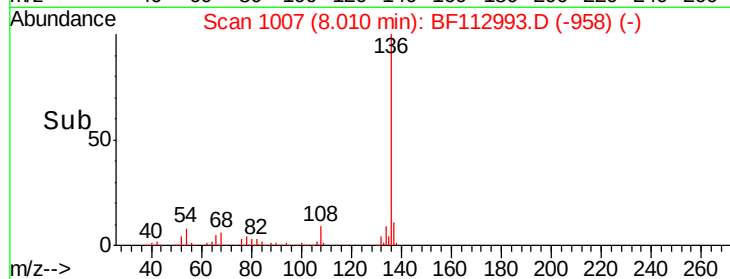
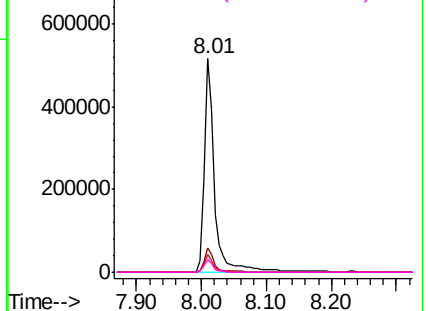
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

Instrument :
BNA_F
ClientSampleId :
PST-028-B103-030619

Tot Ion:136	Resp: 565212
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 8.3	7.3 10.9
68 6.2	5.4 8.2

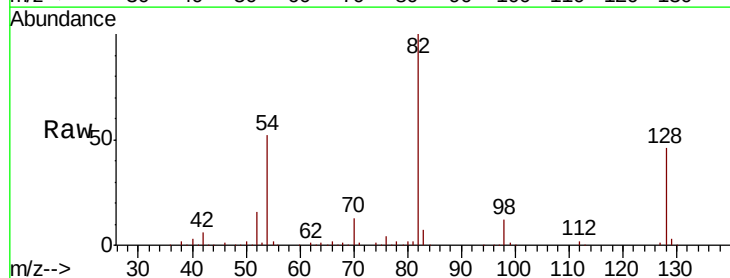


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

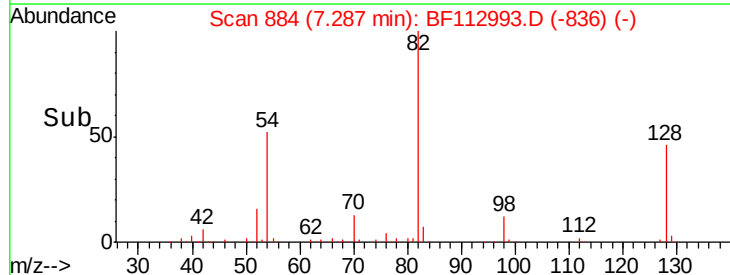
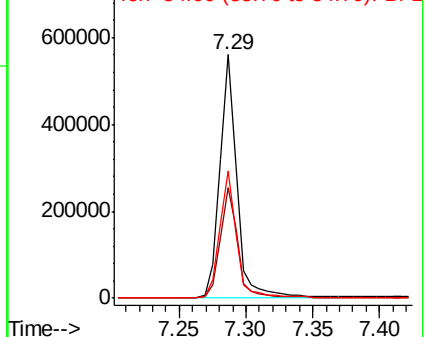


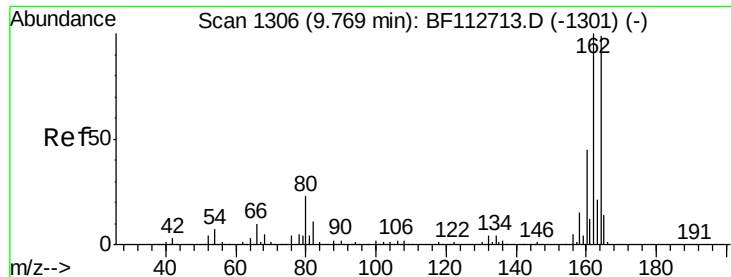
#23
Nitrobenzene-d5
Concen: 54.668 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

Tgt	Ion: 82	Resp:	516375
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	52.4	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

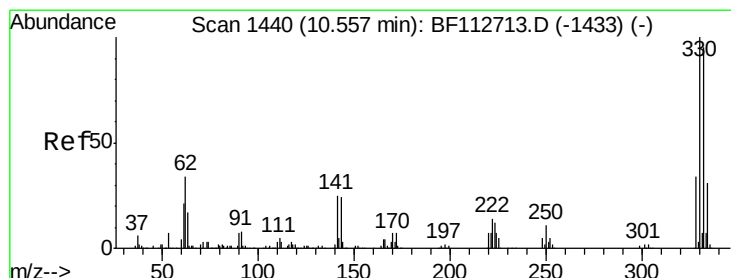
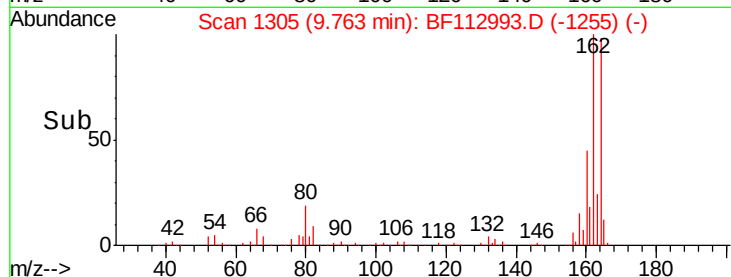
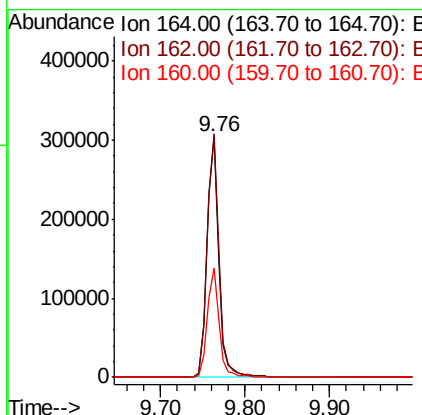
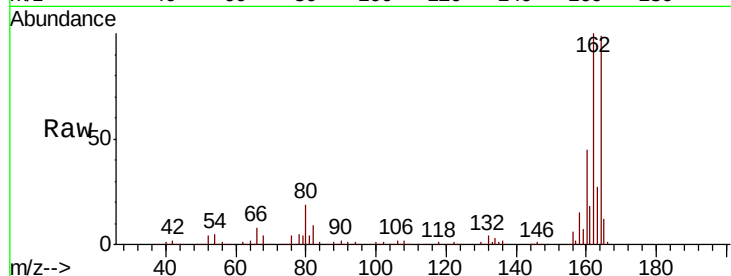




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112993.D
 Acq: 12 Mar 2019 9:25

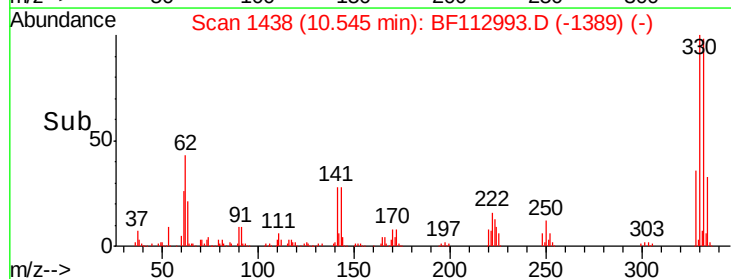
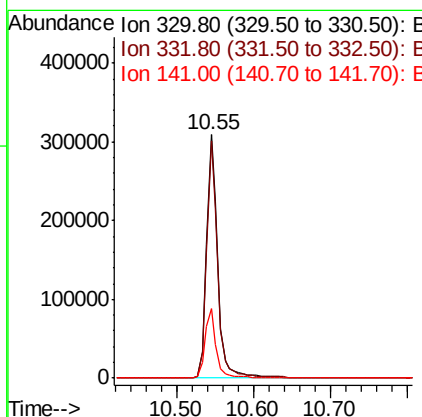
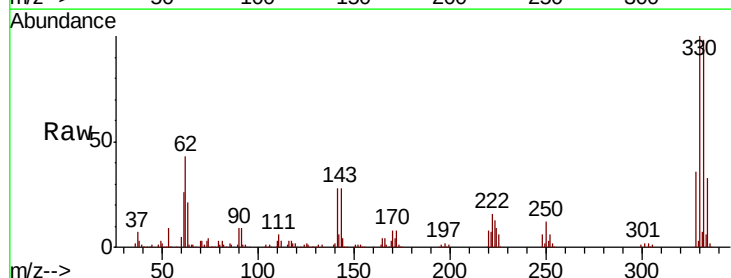
Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B103-030619

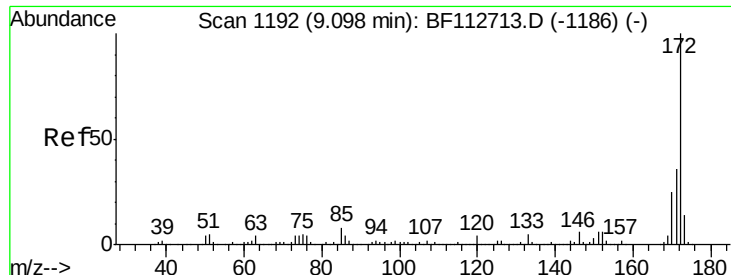
Tot Ion:164 Resp: 295470
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.6 120.8
 160 45.6 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 99.616 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112993.D
 Acq: 12 Mar 2019 9:25

Tgt Ion:330 Resp: 312475
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 28.3 27.0 40.6

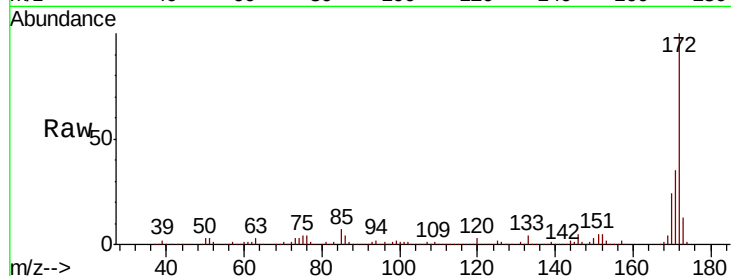




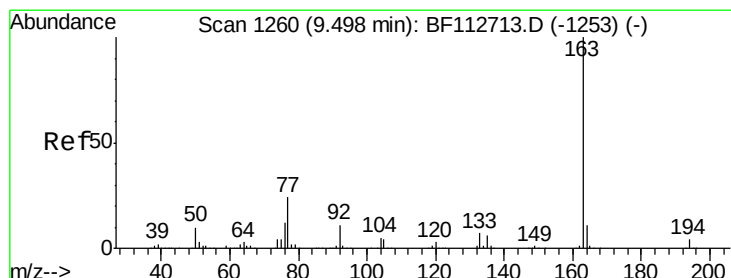
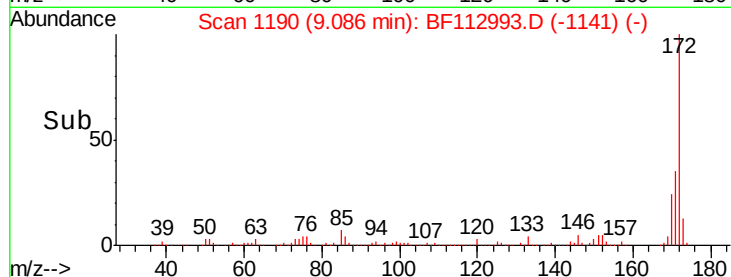
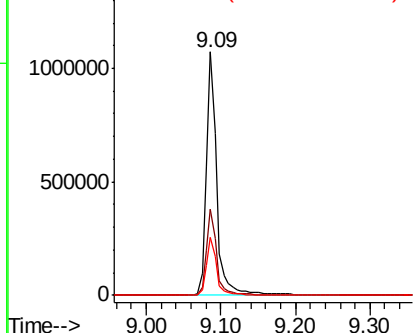
#45
2-Fluorobiphenyl
Concen: 53.889 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

Instrument :
BNA_F
ClientSampleId :
PST-028-B103-030619

Tot Ion:172 Resp: 1058791
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 24.0 20.0 30.0

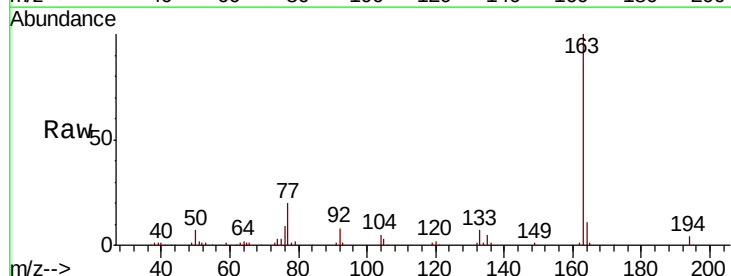


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

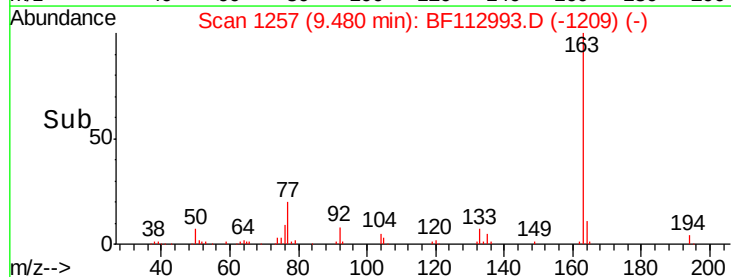
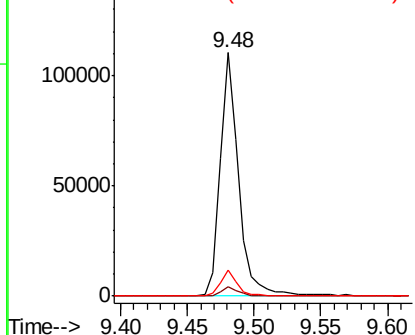


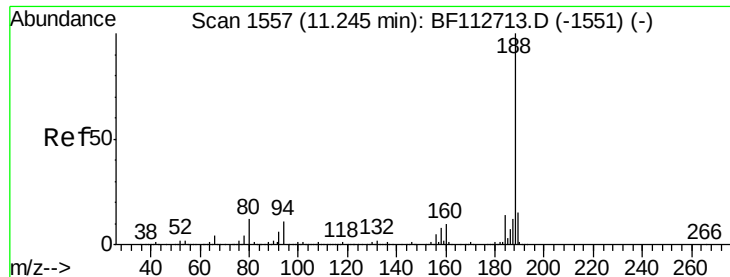
#50
Dimethylphthalate
Concen: 4.988 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

Tgt Ion:163 Resp: 108682
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

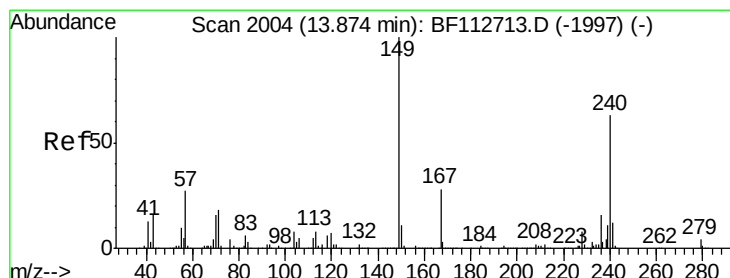
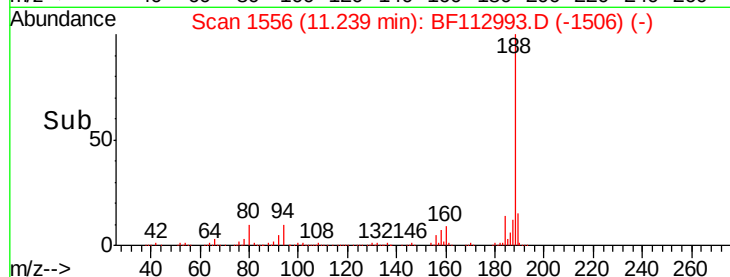
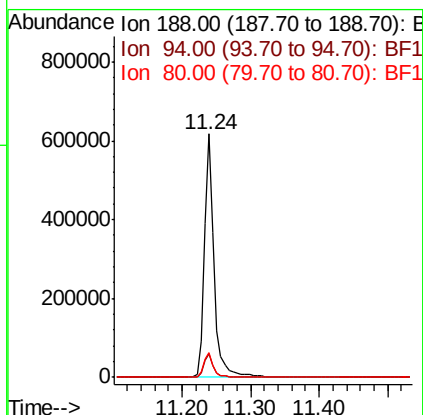
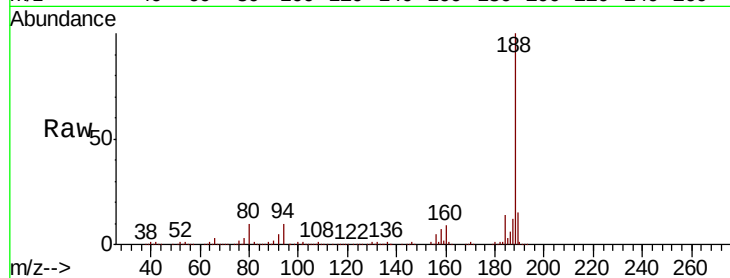




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

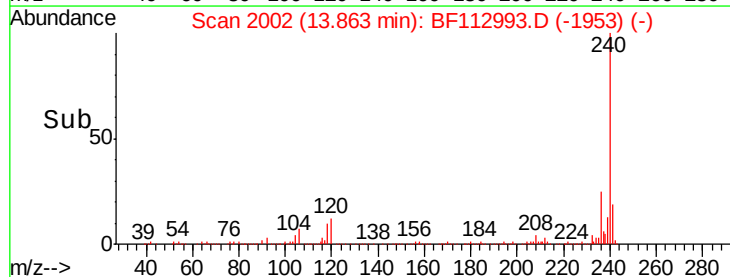
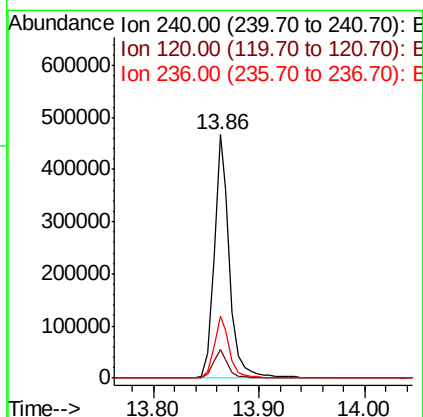
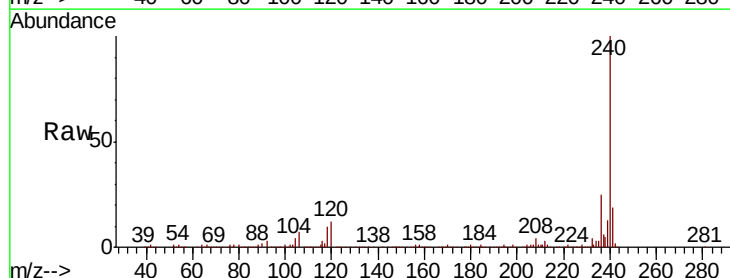
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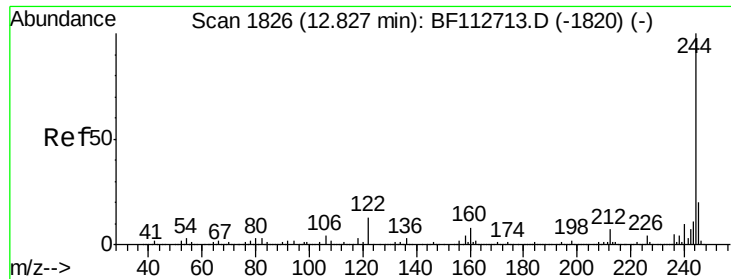
Tot Ion:188 Resp: 624169
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112993.D
Acq: 12 Mar 2019 9:25

Tgt Ion:240 Resp: 476272
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 49.171 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112993.D

Acq: 12 Mar 2019 9:25

Instrument :

BNA_F

ClientSampleId :

PST-028-B103-030619

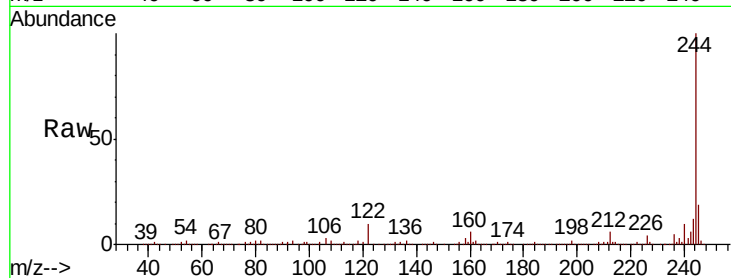
Tot Ion:244 Resp: 1208090

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

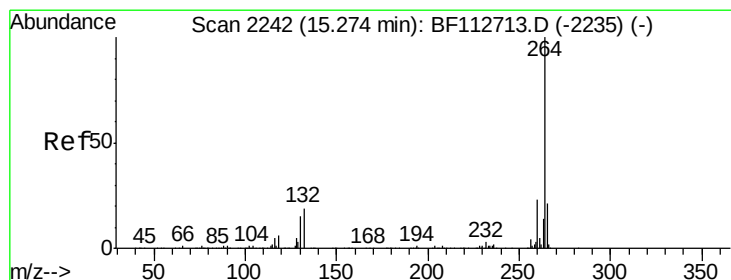
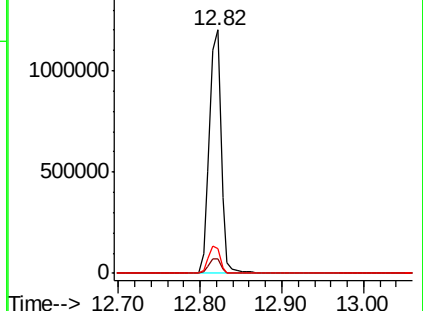
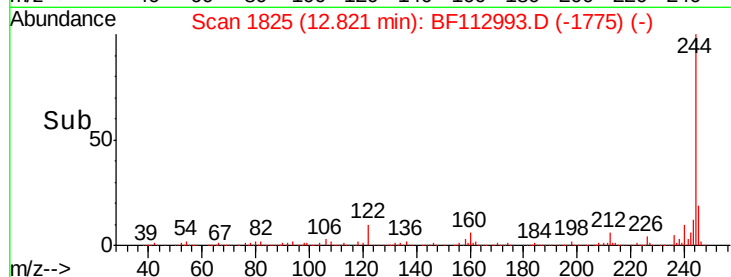
122 10.0 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112993.D

Acq: 12 Mar 2019 9:25

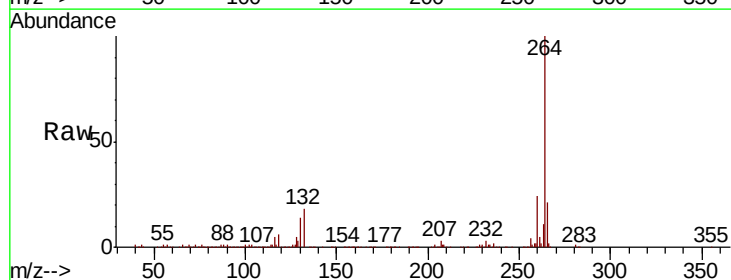
Tgt Ion:264 Resp: 380690

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

