

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111678.D
 Acq On : 21 Dec 2018 9:52
 Operator : JU/SJ
 Sample : J6502-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121918-JETT-E-U-S

Quant Time: Dec 21 13:47:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

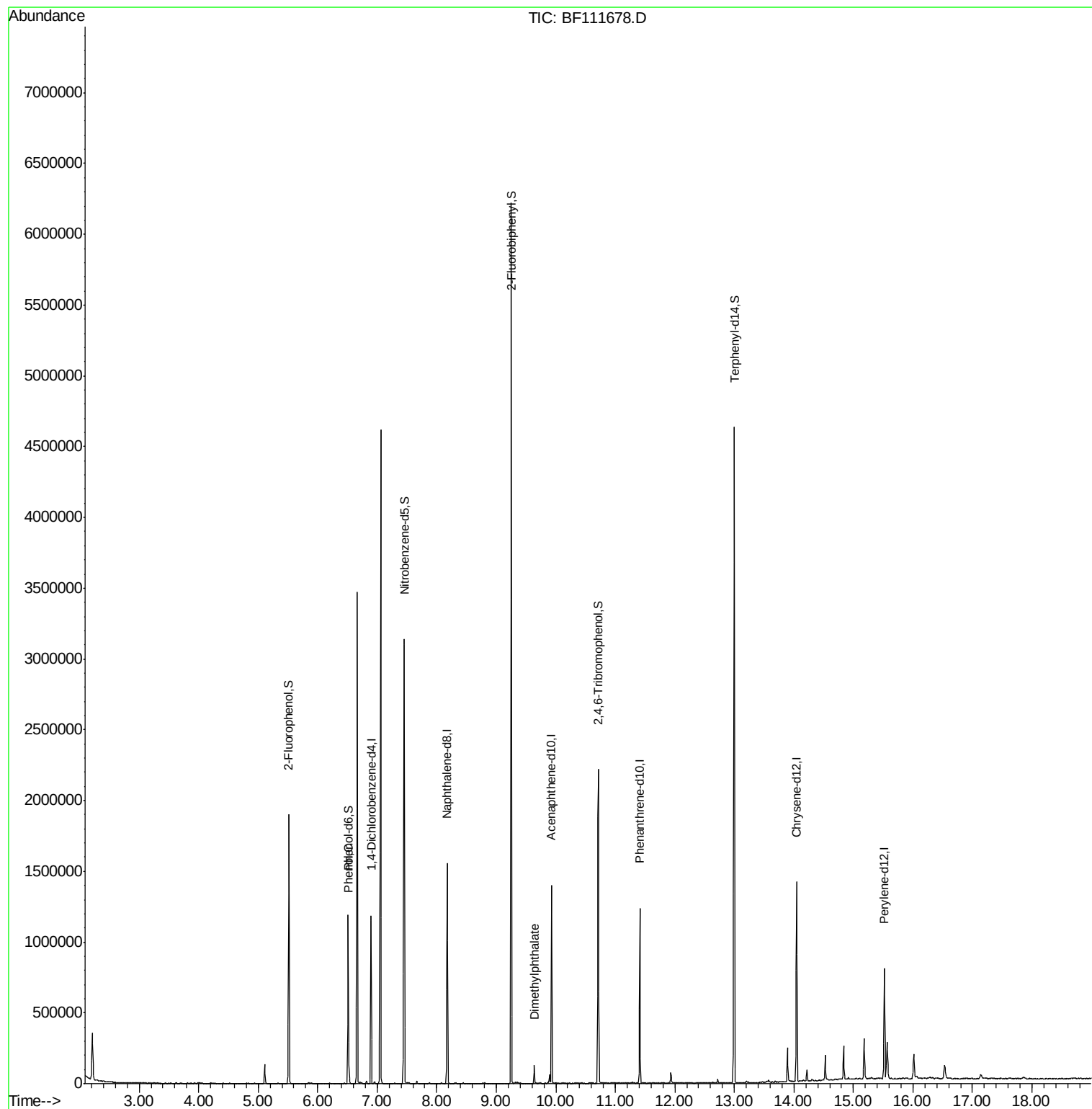
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181532	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	609175	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266176	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	426591	20.00	ng	0.00
76) Chrysene-d12	14.04	240	458897	20.00	ng	0.00
87) Perylene-d12	15.52	264	347162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	446317	41.91	ng	0.00
7) Phenol-d6	6.51	99	340913	25.15	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1090907	104.24	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	266870	84.85	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1920326	105.16	ng	0.00
79) Terphenyl-d14	13.00	244	1541289	63.69	ng	0.00
Target Compounds						
10) Phenol	6.52	94	35984	2.353	ng	96
50) Dimethylphthalate	9.64	163	43743	2.247	ng	96

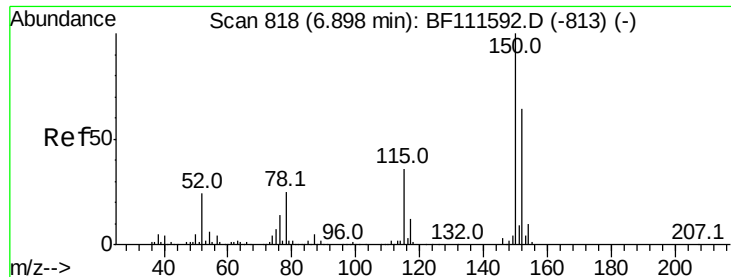
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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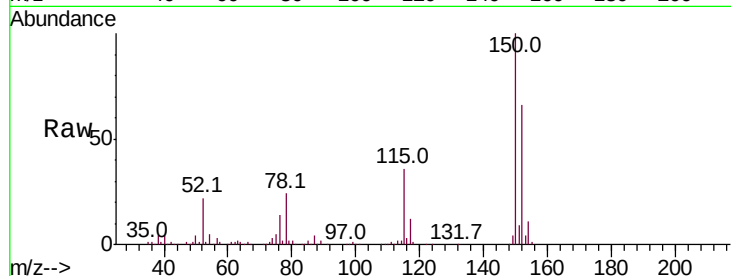


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Instrument :
BNA_F
ClientSampleId :
121918-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	53.8	50.7	76.1

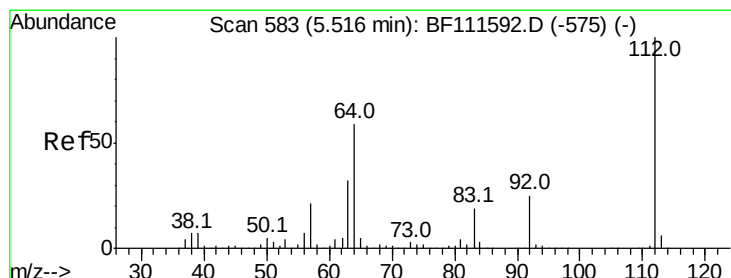
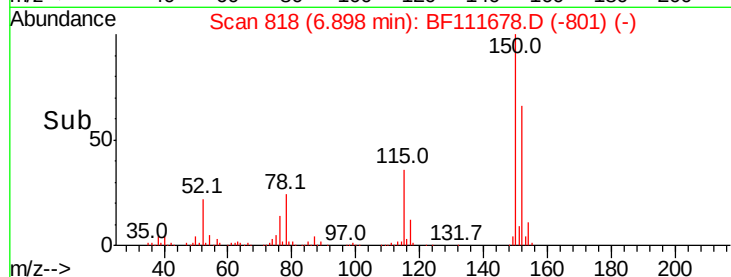
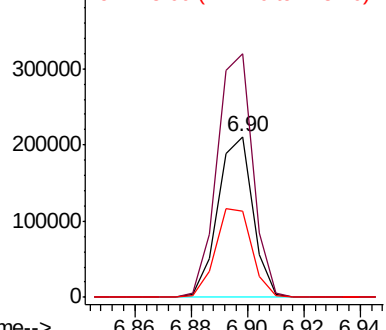


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

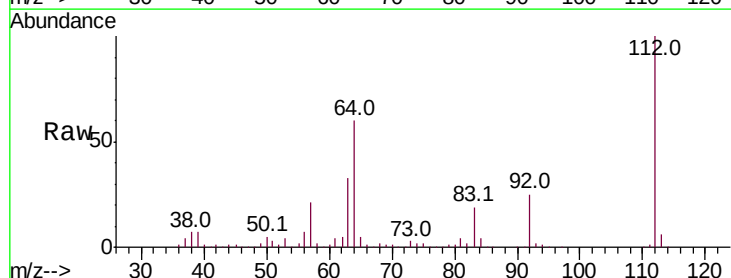
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.908 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	32.7	26.8	40.2

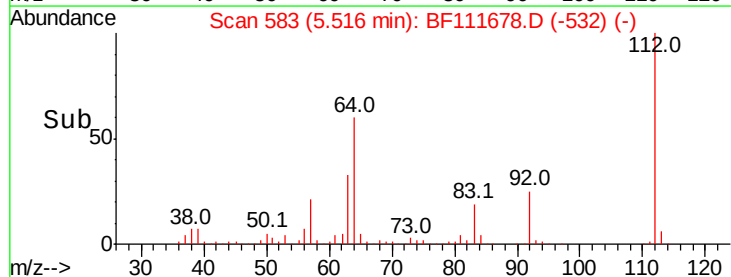
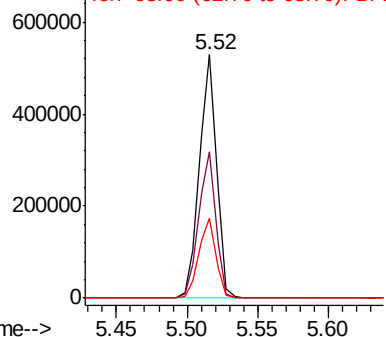


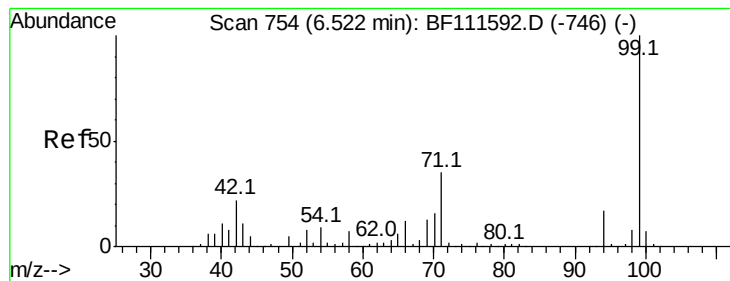
Abundance

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: 25.153 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

Instrument :

BNA_F

ClientSampleId :

121918-JETT-E-U-S

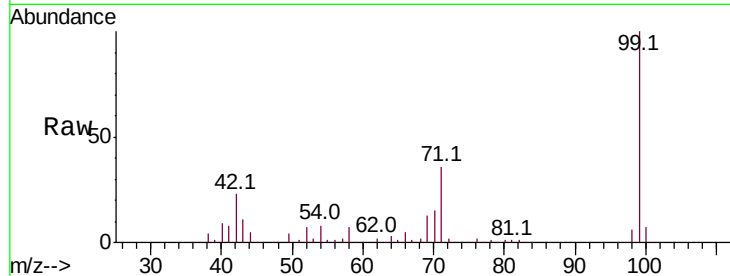
Tot Ion: 99 Resp: 340913

Ion Ratio Lower Upper

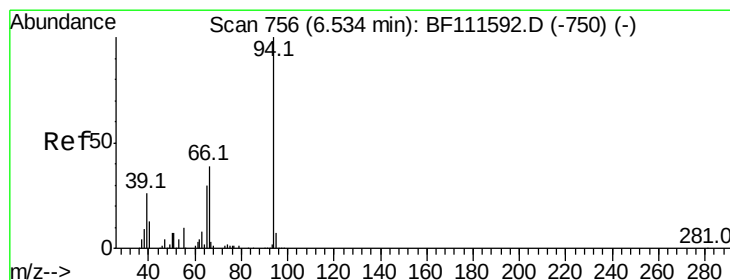
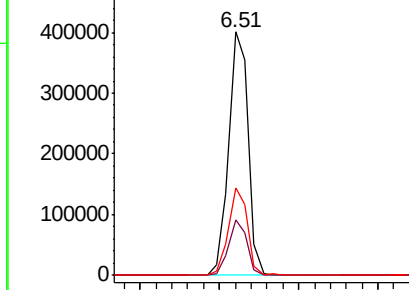
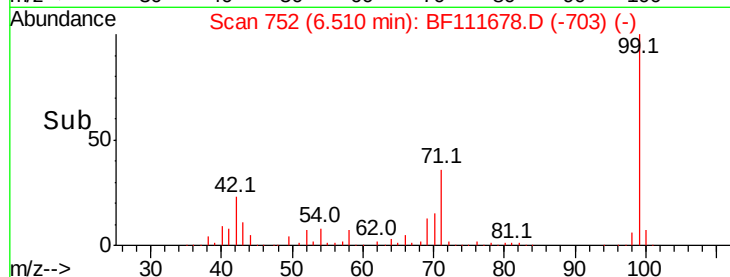
99 100

42 22.8 17.4 26.0

71 36.2 26.1 39.1



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: 2.353 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

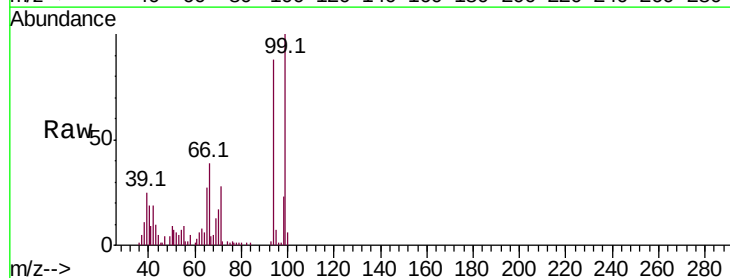
Tgt Ion: 94 Resp: 35984

Ion Ratio Lower Upper

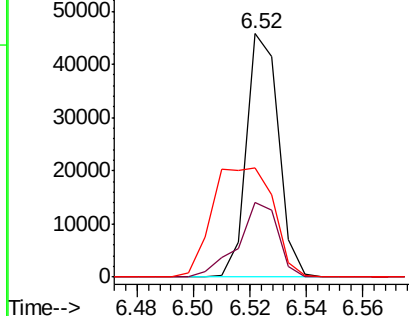
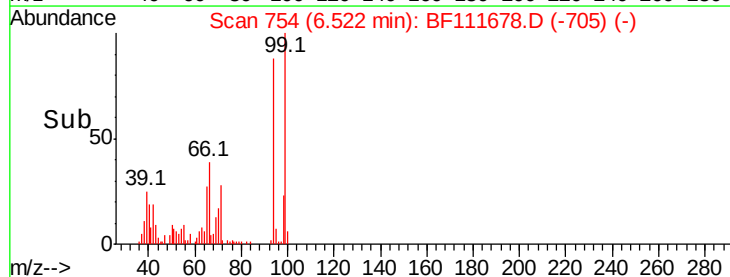
94 100

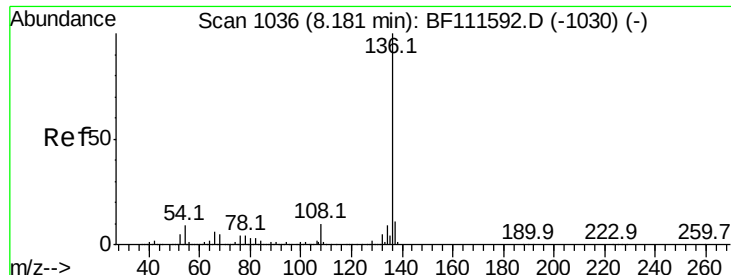
65 30.7 11.7 51.7

66 44.7 21.0 61.0



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

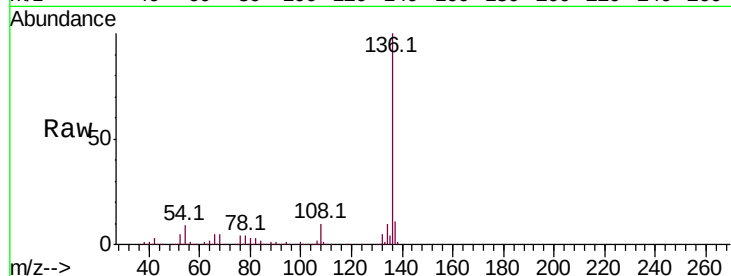




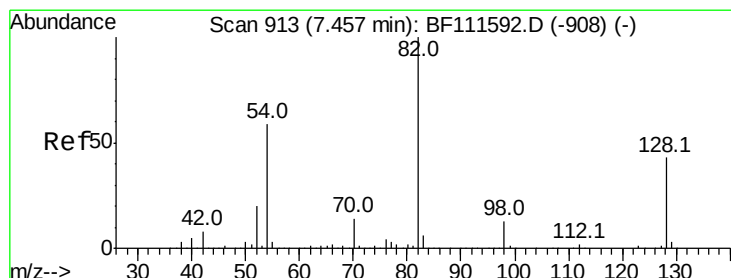
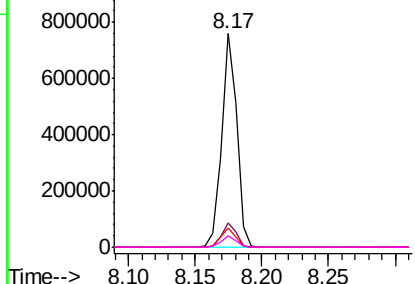
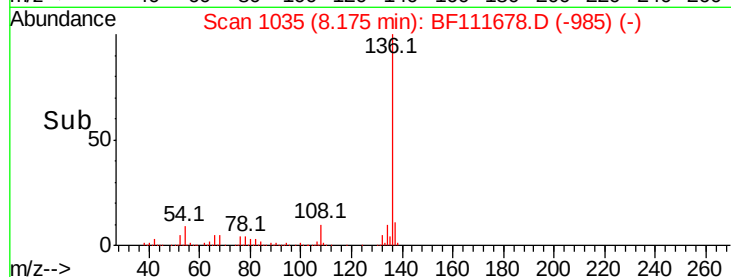
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Instrument :
BNA_F
ClientSampleId :
121918-JETT-E-U-S

Tot Ion:136	Resp: 609175
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 9.1	7.7 11.5
68 5.4	4.9 7.3

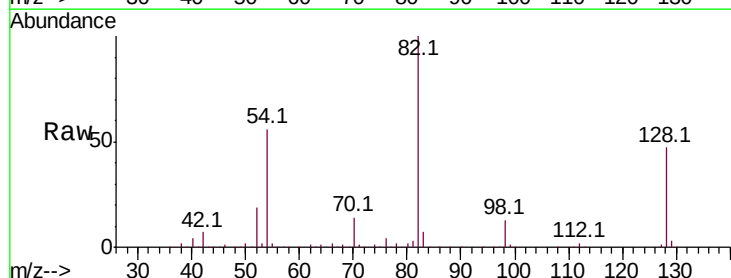


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

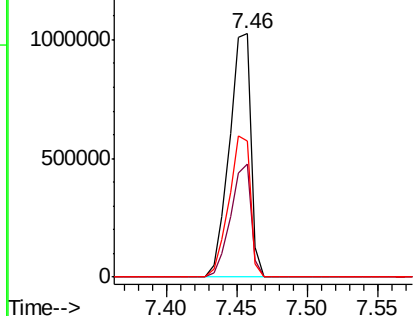
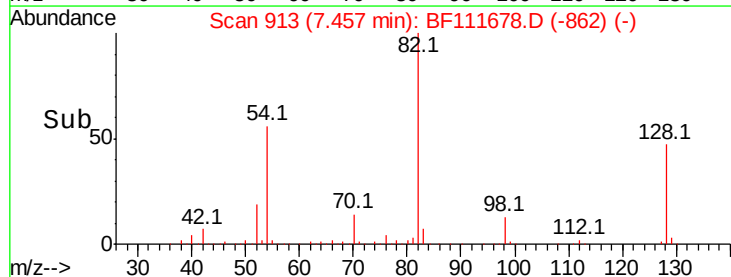


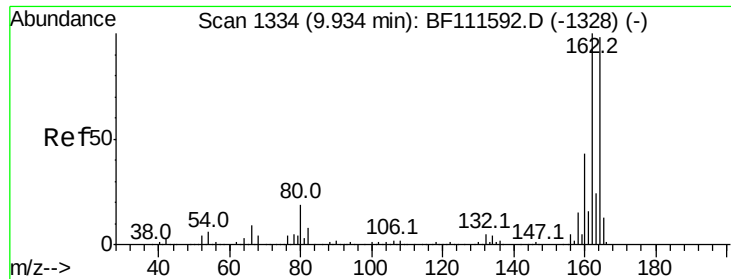
#23
Nitrobenzene-d5
Concen: 104.238 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion: 82	Resp: 1090907
Ion Ratio	Lower Upper
82 100	
128 46.5	37.4 56.2
54 55.8	47.6 71.4



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

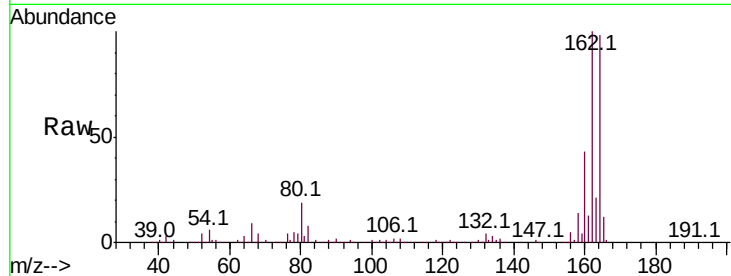




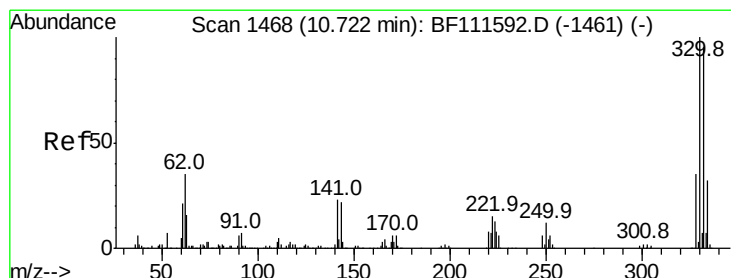
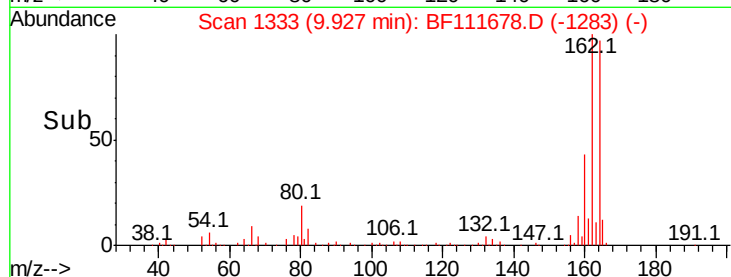
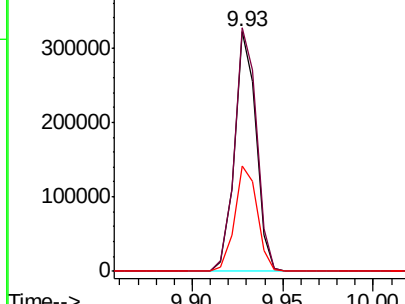
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111678.D
 Acq: 21 Dec 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 121918-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	43.9	35.7	53.5

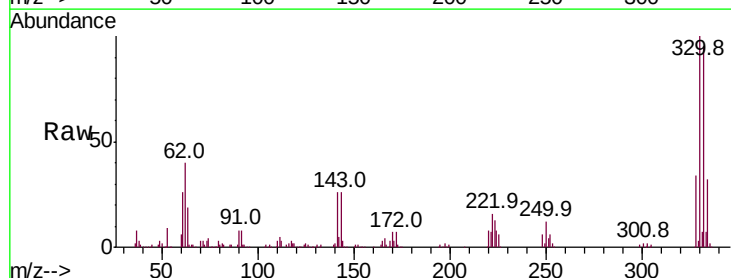


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

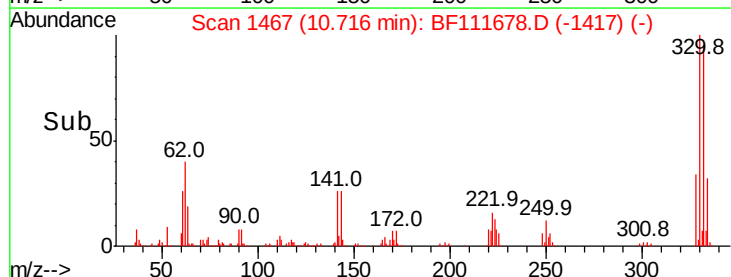
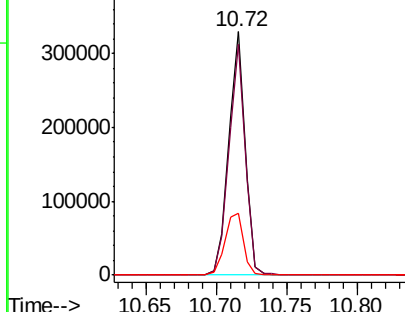


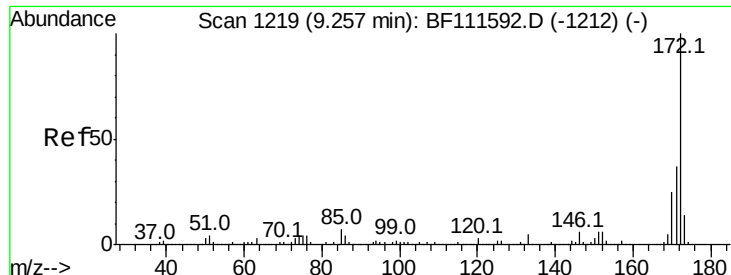
#42
 2,4,6-Tribromophenol
 Concen: 84.853 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111678.D
 Acq: 21 Dec 2018 9:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.0	114.0
141	28.8	31.0	46.6



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

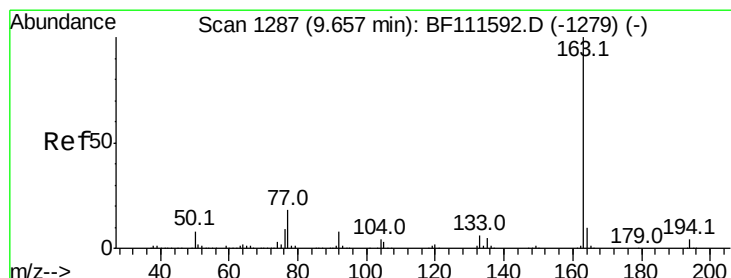
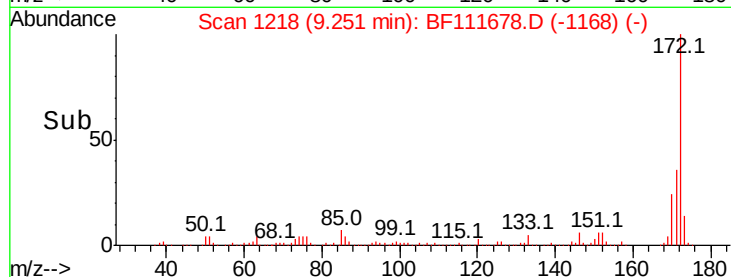
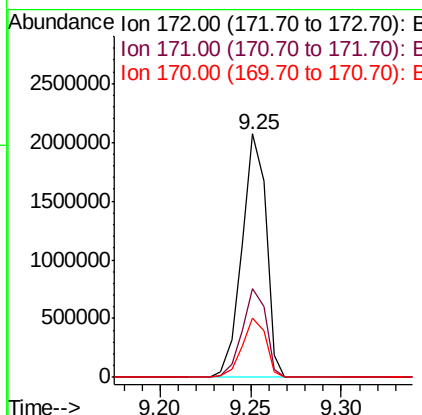
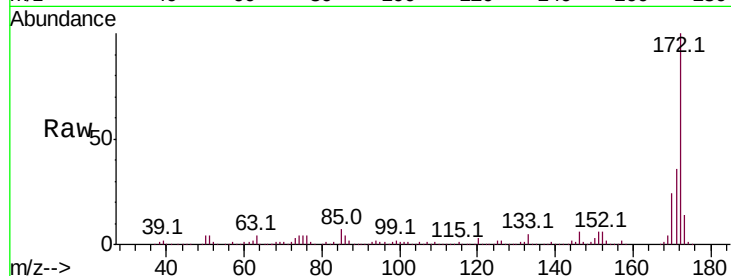




#45
2-Fluorobiphenyl
Concen: 105.157 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

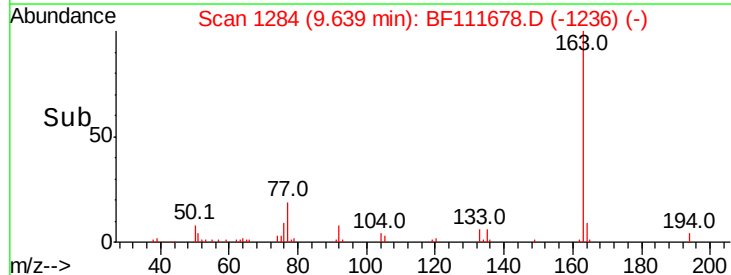
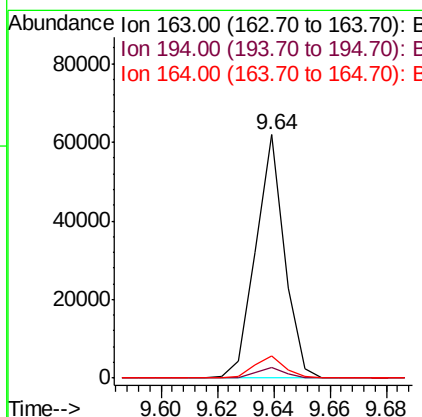
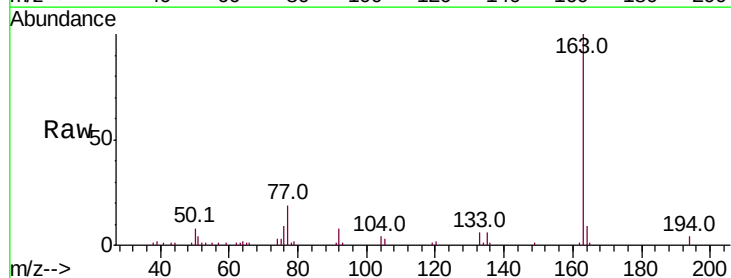
Instrument :
BNA_F
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121918-JETT-E-U-S

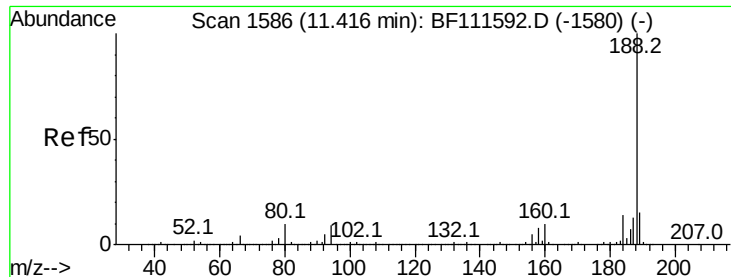
Tot Ion:172 Resp: 1920326
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.2 22.3 33.5



#50
Dimethylphthalate
Concen: 2.247 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion:163 Resp: 43743
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.3 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

Instrument :

BNA_F

ClientSampleId :

121918-JETT-E-U-S

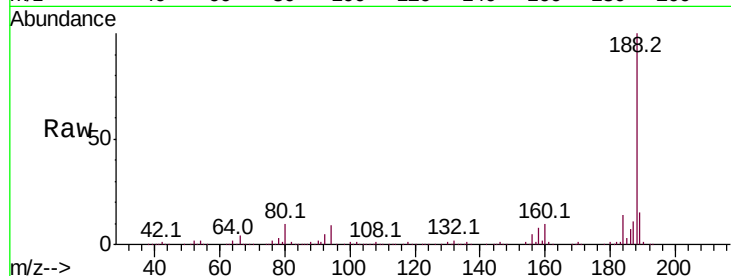
Tot Ion:188 Resp: 426591

Ion Ratio Lower Upper

188 100

94 9.1 9.6 14.4#

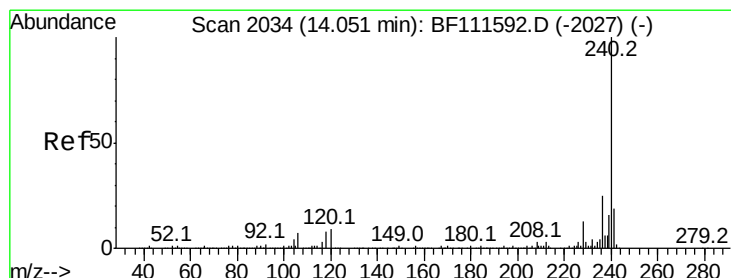
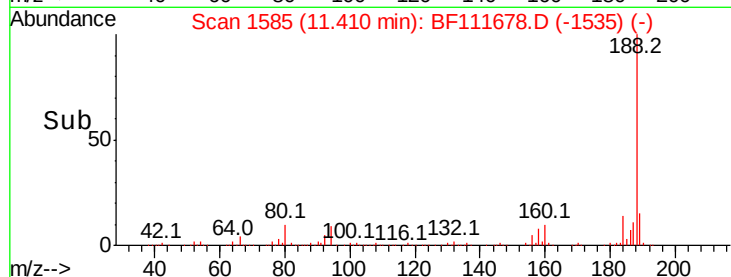
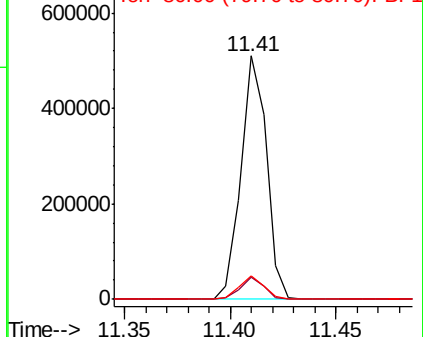
80 9.6 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

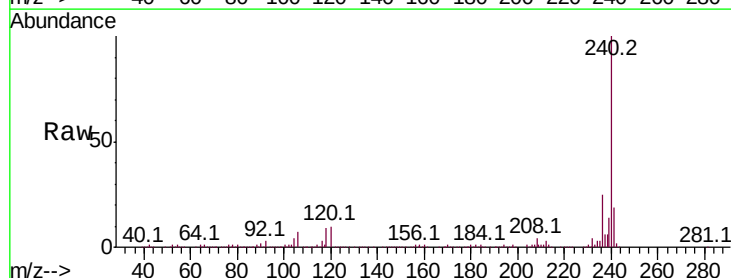
Tgt Ion:240 Resp: 458897

Ion Ratio Lower Upper

240 100

120 9.6 12.2 18.2#

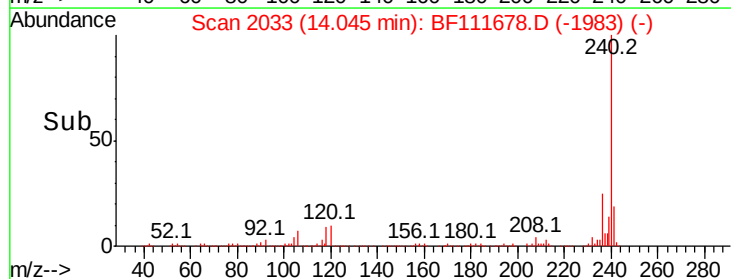
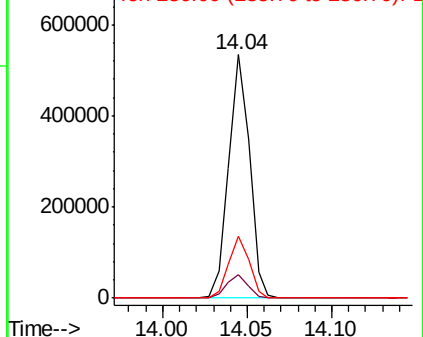
236 25.3 20.2 30.2

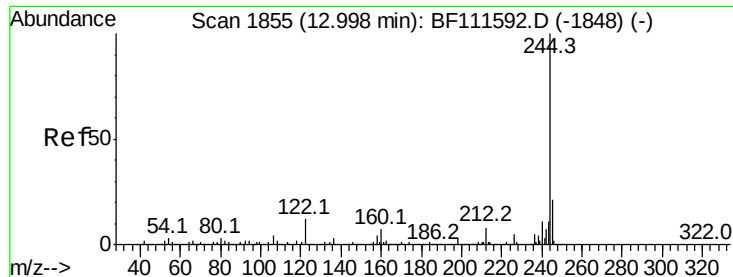


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.695 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

Instrument :

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ClientSampleId :

121918-JETT-E-U-S

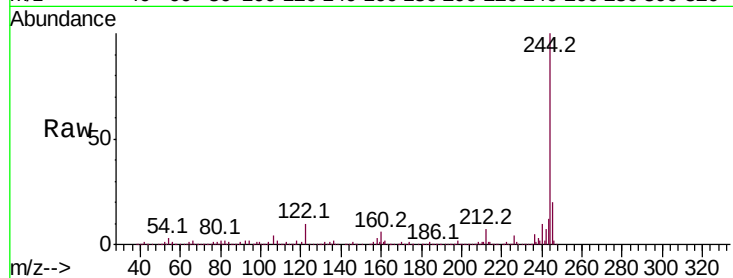
Tot Ion:244 Resp: 1541289

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

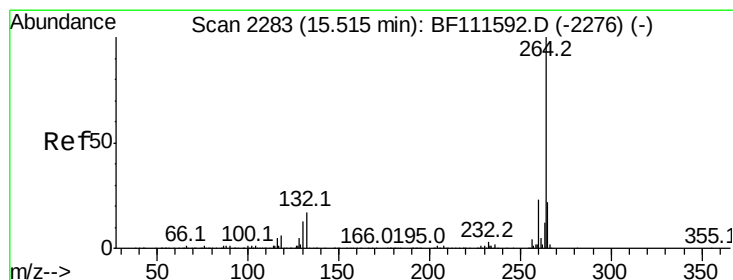
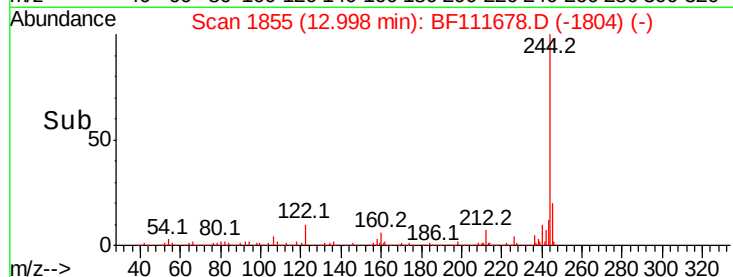
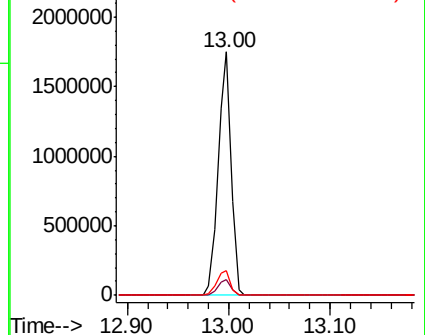
122 10.1 13.1 19.7#



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

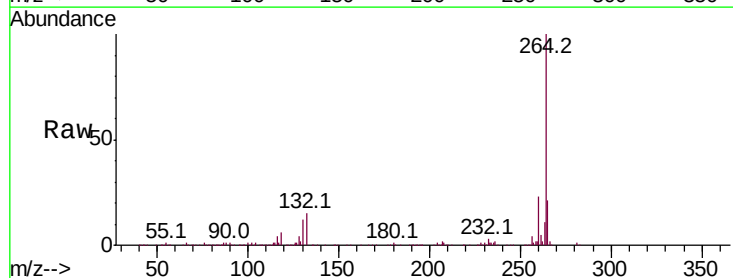
Tgt Ion:264 Resp: 347162

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.2 17.7 26.5



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

