

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111607.D
 Acq On : 19 Dec 2018 23:06
 Operator : JU/SJ
 Sample : J6475-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

Quant Time: Dec 20 04:12:51 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

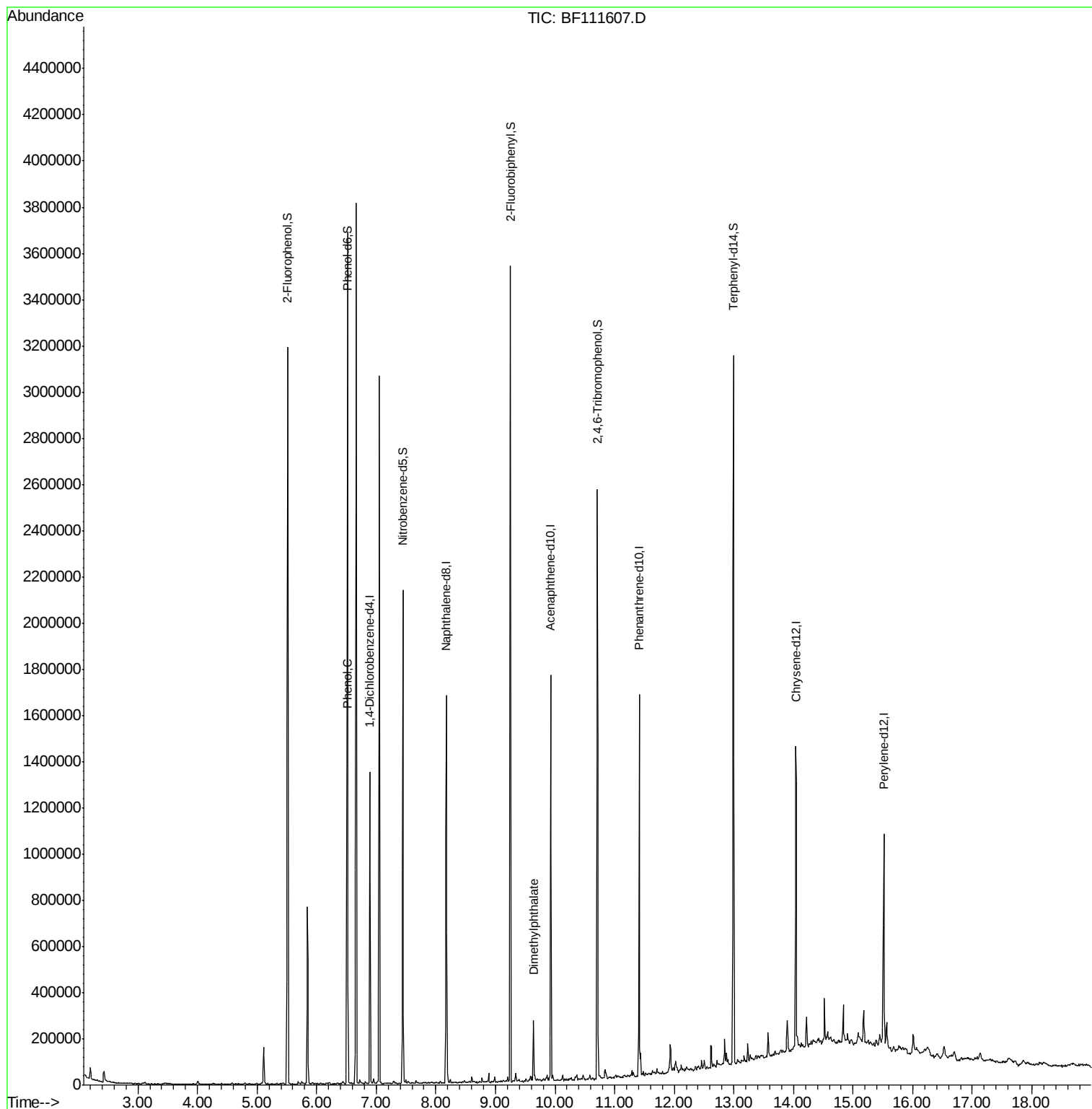
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172462	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	634954	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	308414	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	532402	20.00	ng	0.00
76) Chrysene-d12	14.04	240	440890	20.00	ng	-0.01
87) Perylene-d12	15.52	264	433482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	853893	84.39	ng	0.00
7) Phenol-d6	6.52	99	1109992	86.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	646322	59.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	284065	77.95	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1117957	52.84	ng	0.00
79) Terphenyl-d14	12.99	244	962266	41.39	ng	0.00
Target Compounds						
10) Phenol	6.53	94	91008	6.264	ng	94
50) Dimethylphthalate	9.64	163	94296	4.181	ng	98

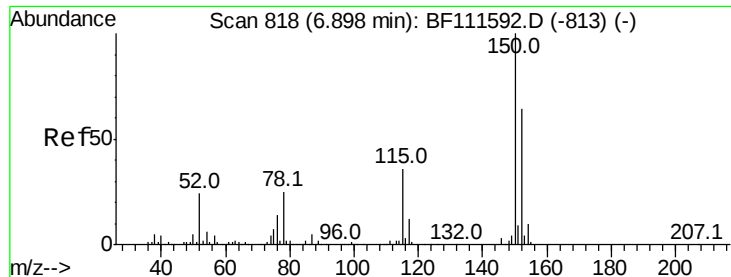
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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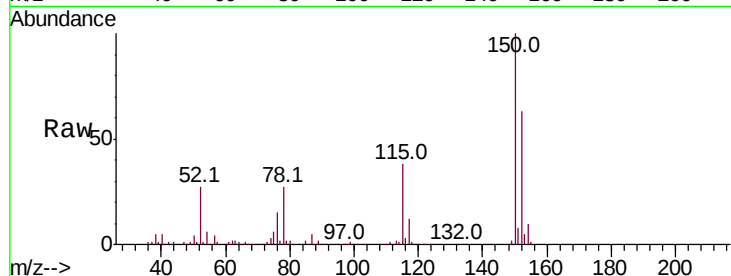


#1

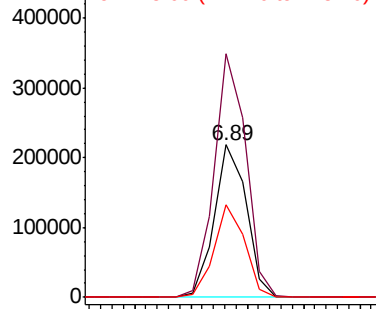
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

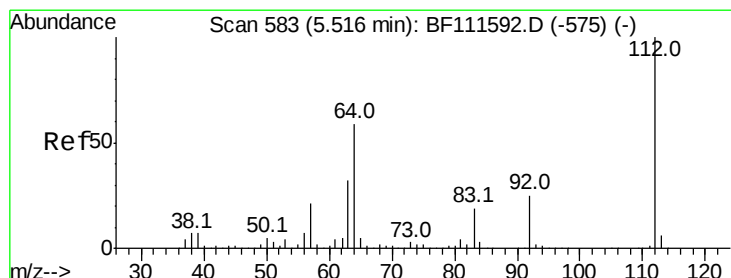
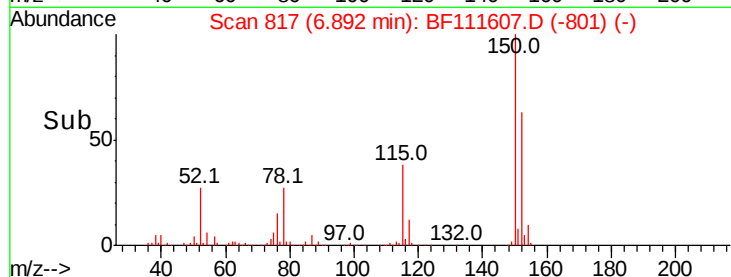
Tot Ion:152 Resp: 172462
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 60.3 50.7 76.1



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



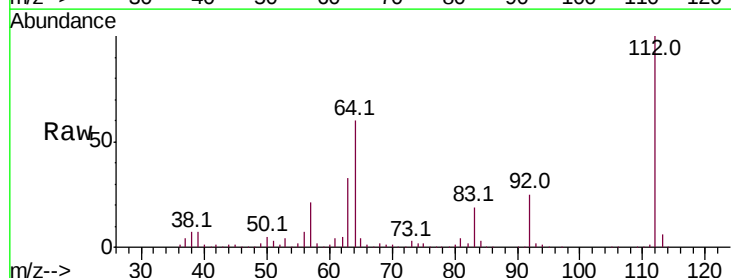
Time-->



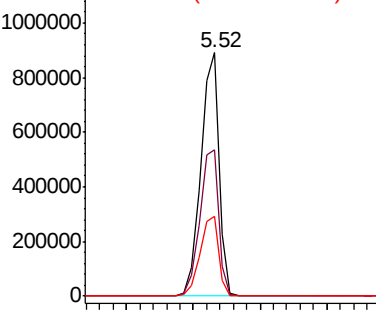
#5

2-Fluorophenol
Concen: 84.395 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

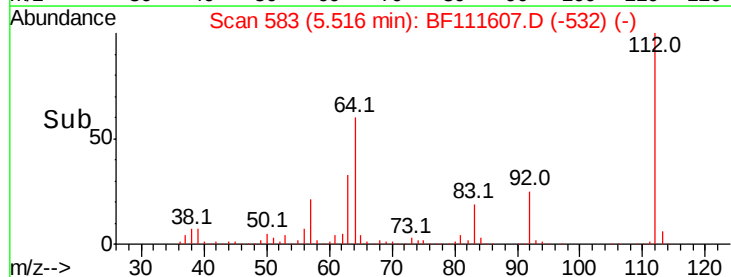
Tgt Ion:112 Resp: 853893
Ion Ratio Lower Upper
112 100
64 59.9 51.8 77.6
63 32.8 26.8 40.2

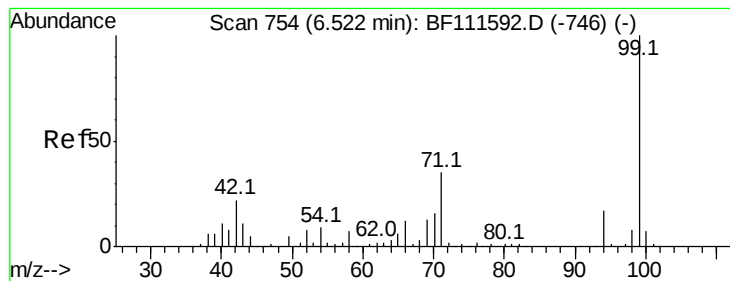


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 86.203 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

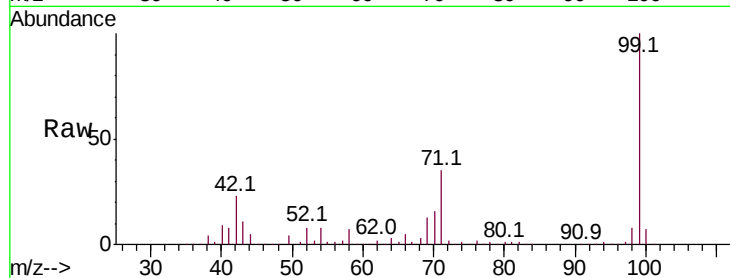
Tot Ion: 99 Resp: 1109992

Ion Ratio Lower Upper

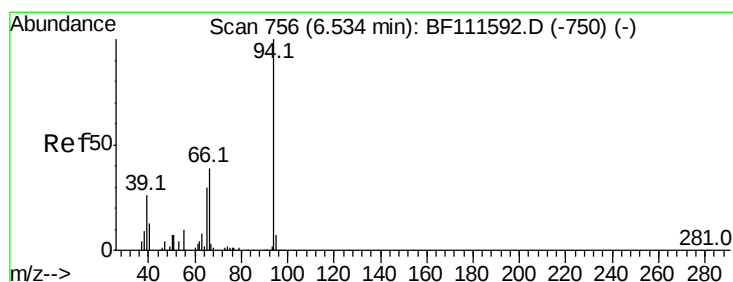
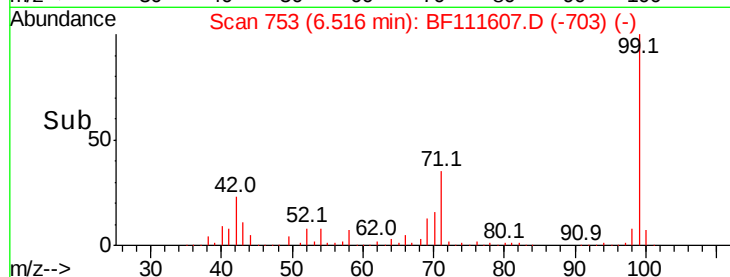
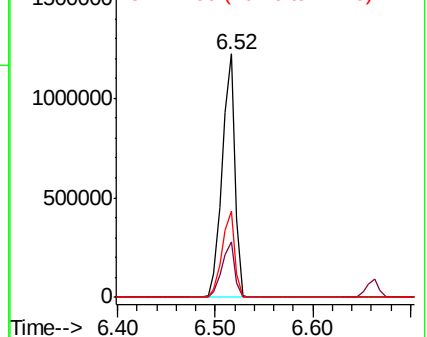
99 100

42 22.6 17.4 26.0

71 35.2 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: 6.264 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

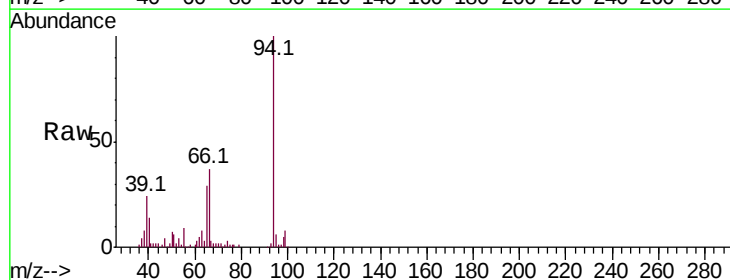
Tgt Ion: 94 Resp: 91008

Ion Ratio Lower Upper

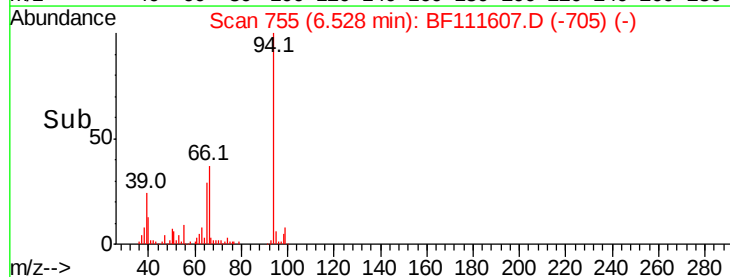
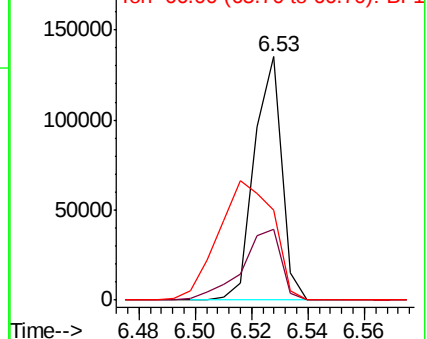
94 100

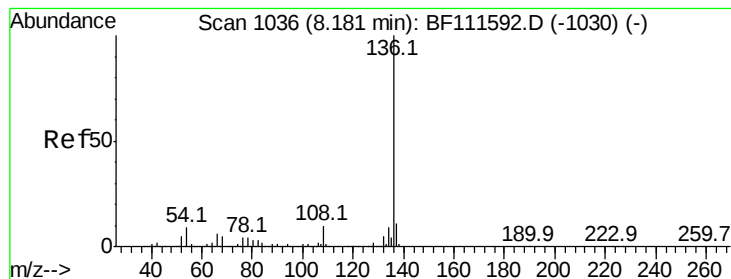
65 29.0 11.7 51.7

66 37.1 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: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

Tot Ion:136 Resp: 634954

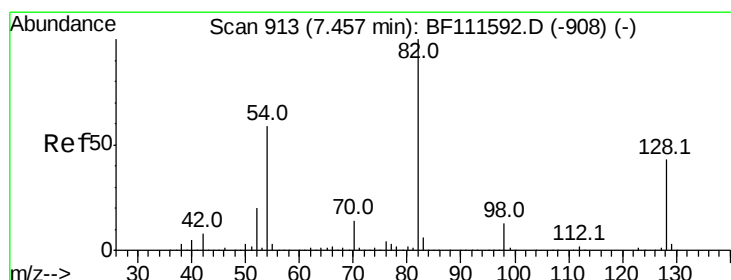
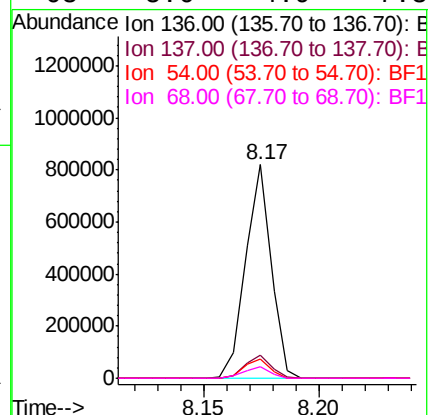
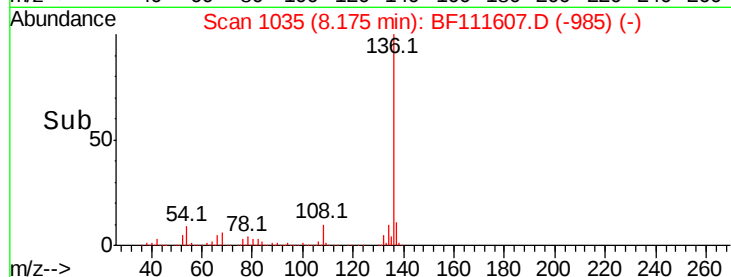
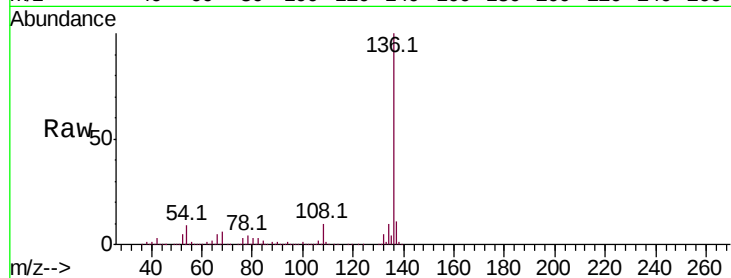
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.7 11.5

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 59.250 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

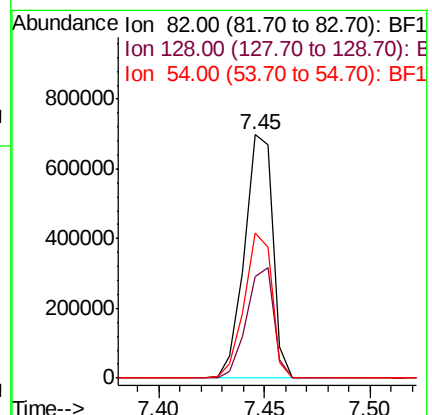
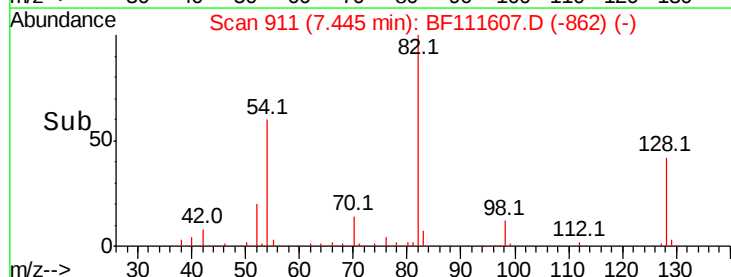
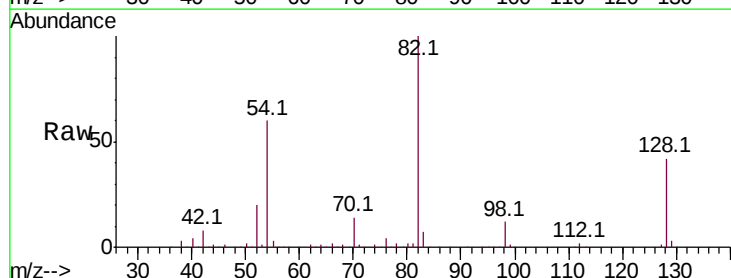
Tgt Ion: 82 Resp: 646322

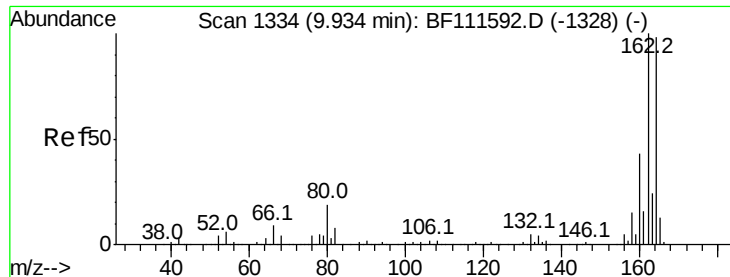
Ion Ratio Lower Upper

82 100

128 41.9 37.4 56.2

54 59.7 47.6 71.4

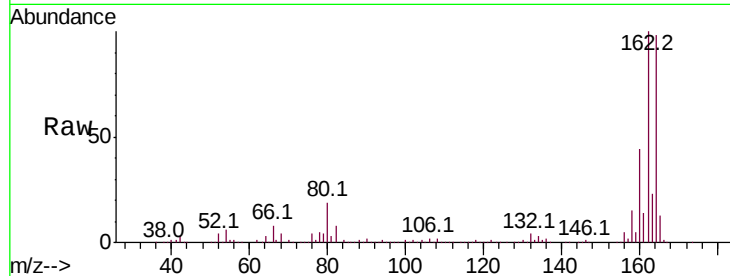




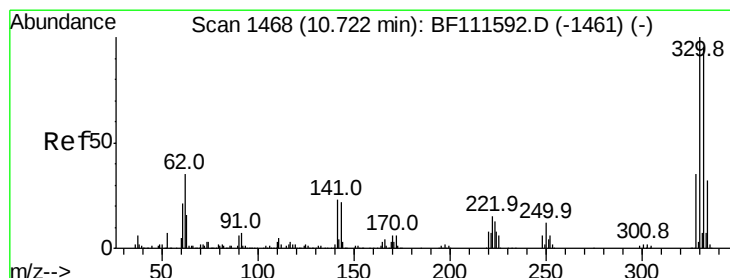
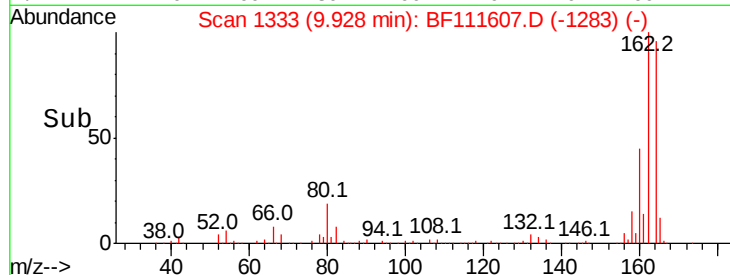
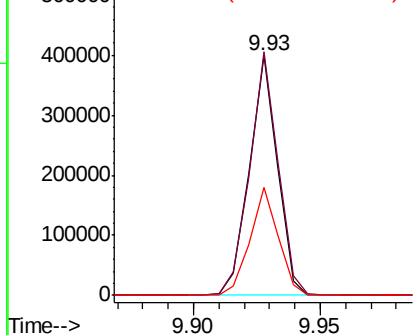
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.2	35.7	53.5

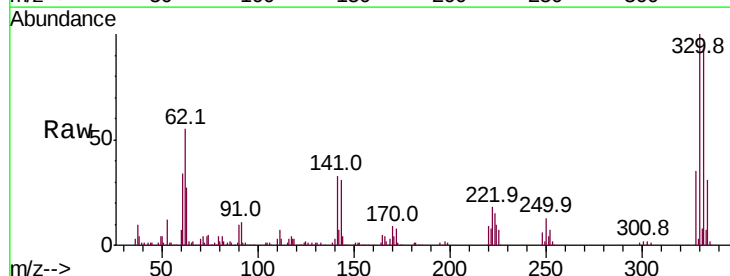


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

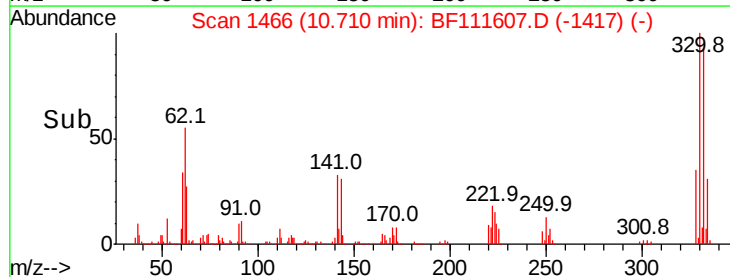
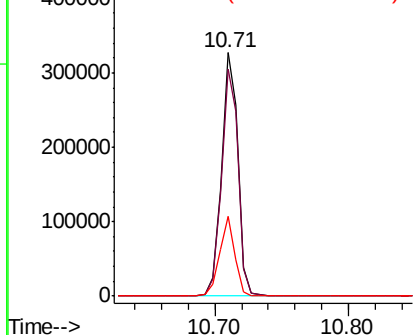


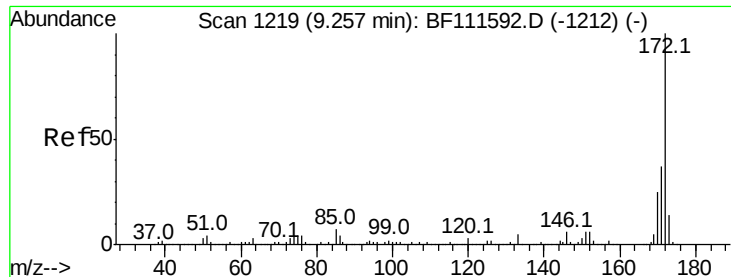
#42
2,4,6-Tribromophenol
Concen: 77.951 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.0	114.0
141	30.2	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

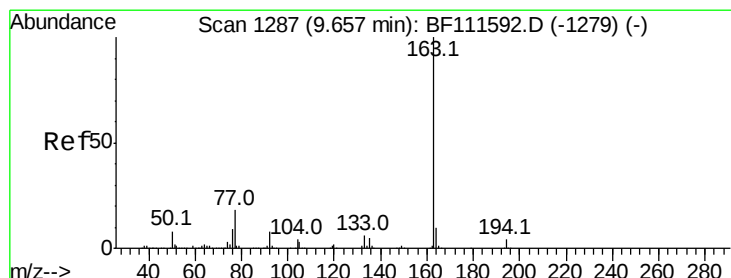
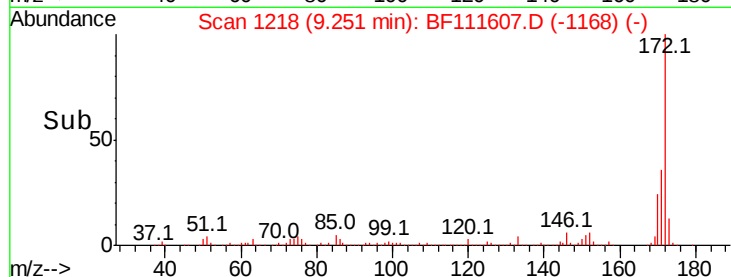
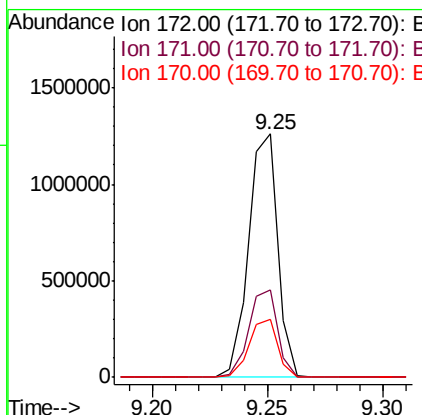
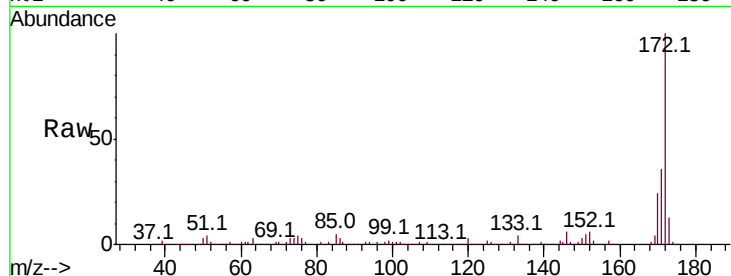




#45
2-Fluorobiphenyl
Concen: 52.835 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

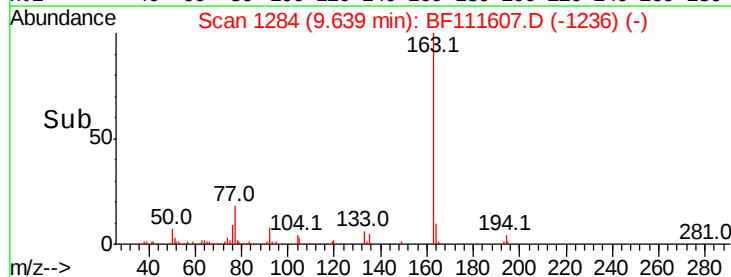
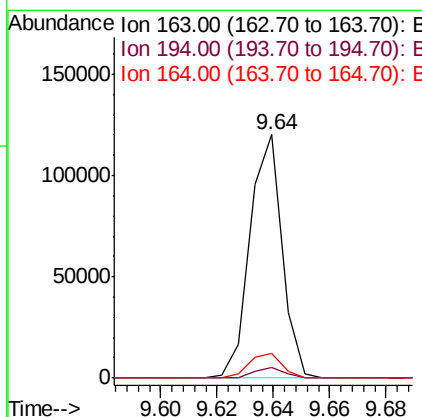
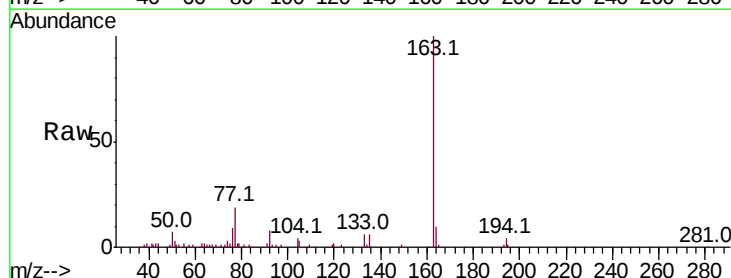
Instrument :
BNA_F
ClientSampleId :
SLUDGE

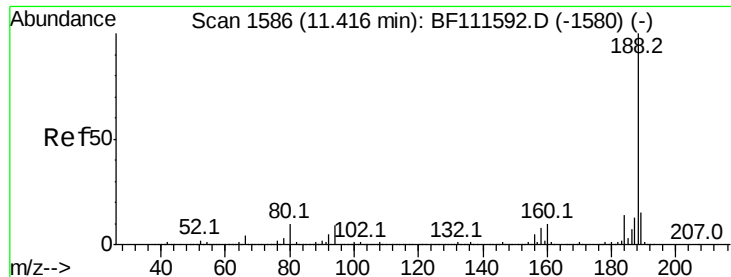
Tot Ion:172 Resp: 1117957
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 23.8 22.3 33.5



#50
Dimethylphthalate
Concen: 4.181 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:163 Resp: 94296
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.9 13.3

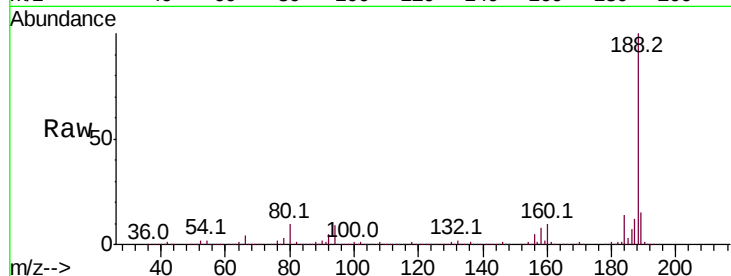




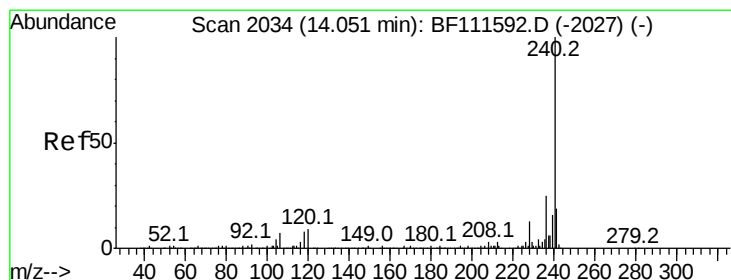
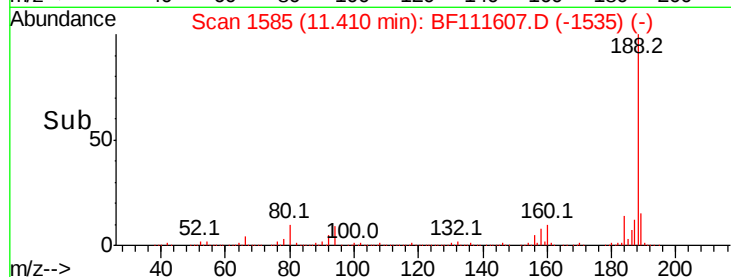
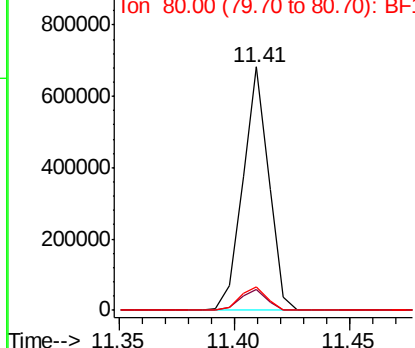
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tot Ion:188 Resp: 532402
Ion Ratio Lower Upper
188 100
94 8.7 9.6 14.4#
80 9.7 9.8 14.6#

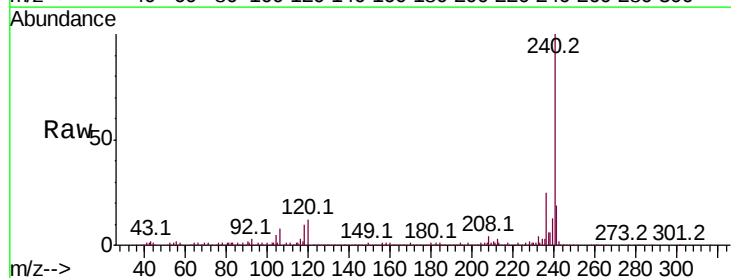


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

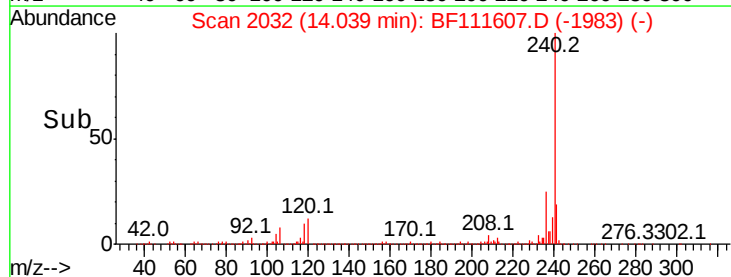
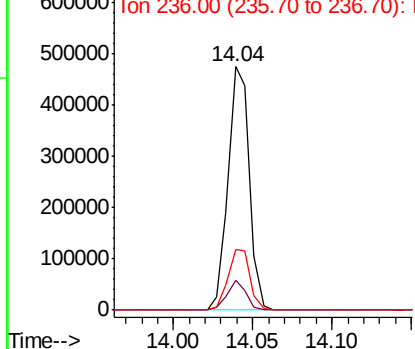


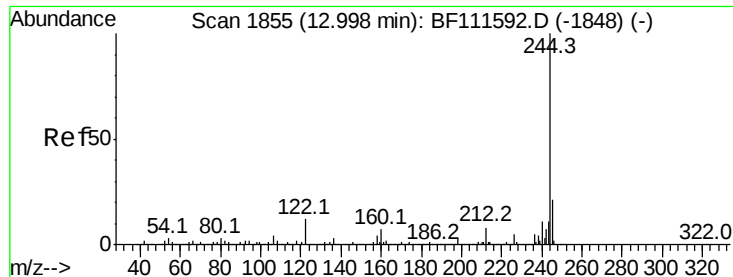
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:240 Resp: 440890
Ion Ratio Lower Upper
240 100
120 12.2 12.2 18.2
236 24.9 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: 41.390 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SLUDGE

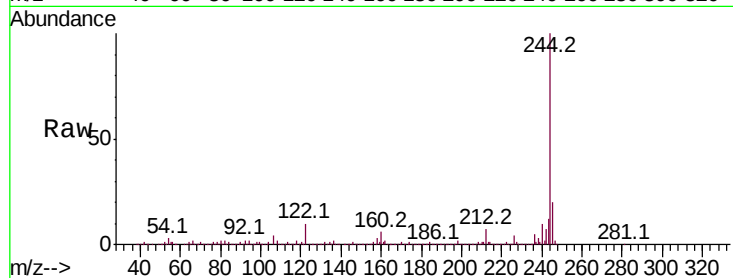
Tot Ion:244 Resp: 962266

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

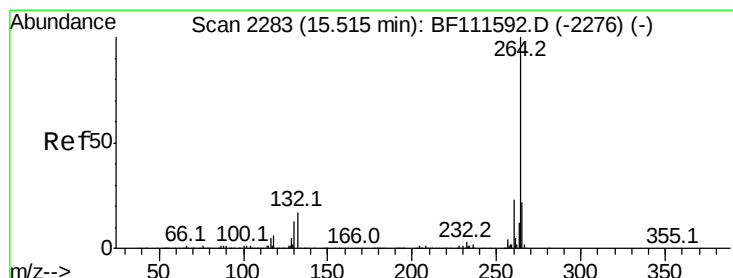
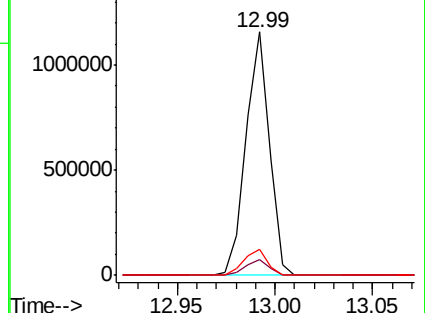
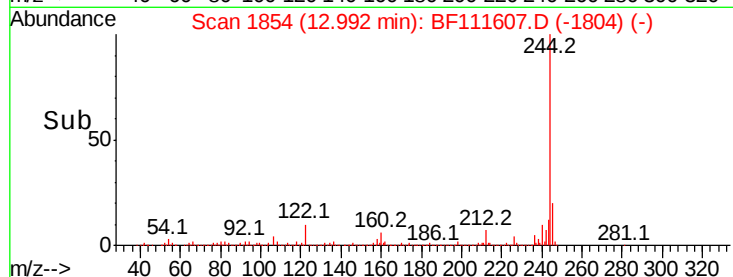
122 10.5 13.1 19.7#



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# 2283

Delta R.T. -0.00 min

Lab File: BF111607.D

Acq: 19 Dec 2018 23:06

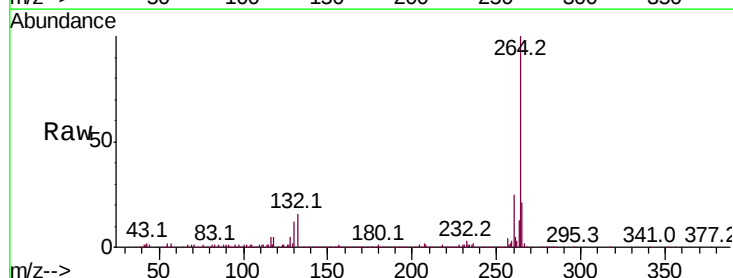
Tgt Ion:264 Resp: 433482

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 21.5 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

