

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109313.D
 Acq On : 26 Sep 2018 3:51
 Operator : JU/SJ
 Sample : J5052-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-S

Quant Time: Sep 26 08:31:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

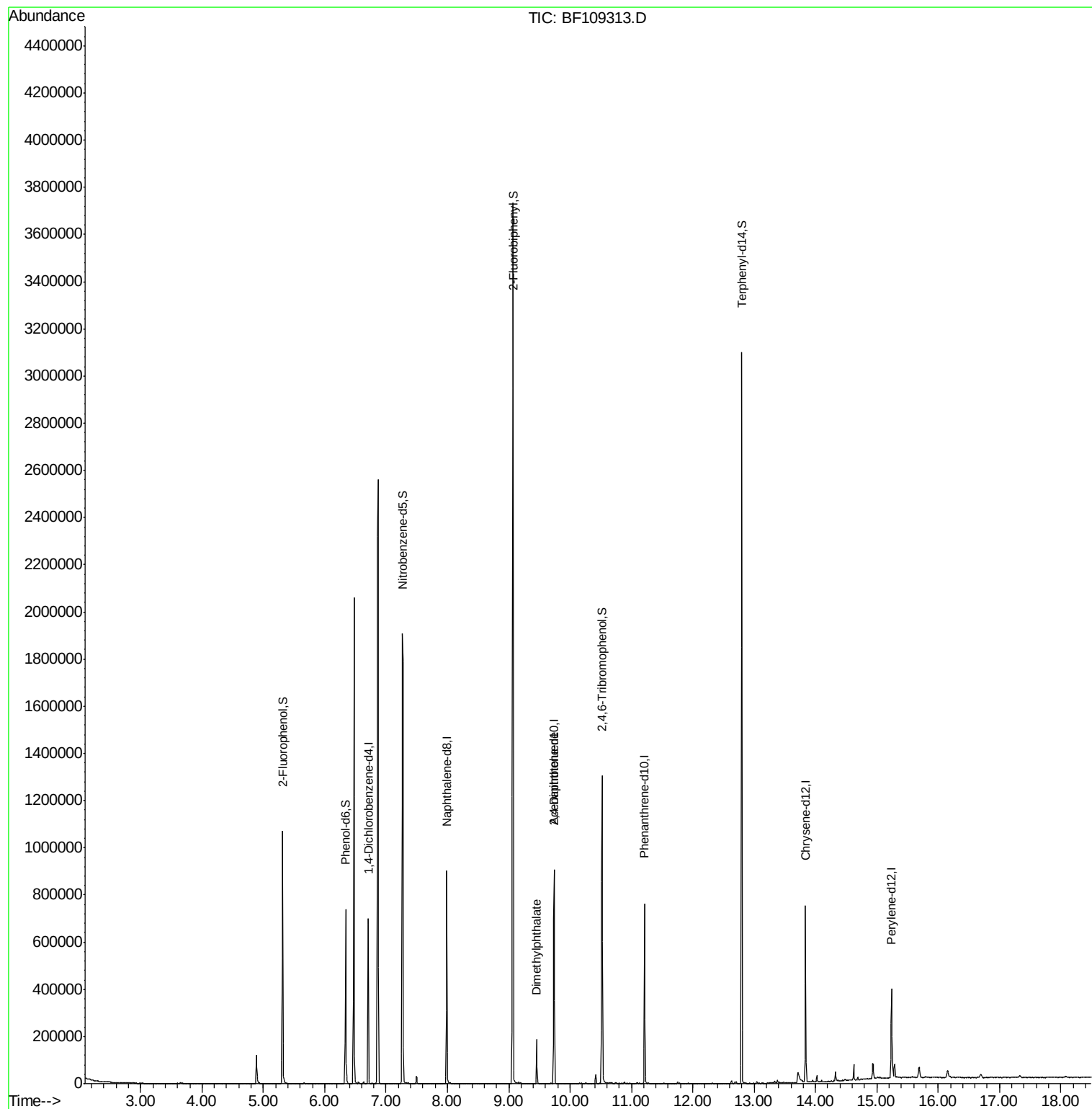
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	106707	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	390994	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	166984	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	267154	20.00	ng	0.00
75) Chrysene-d12	13.84	240	244093	20.00	ng	0.00
86) Perylene-d12	15.24	264	176577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	290415	44.83	ng	0.00
7) Phenol-d6	6.34	99	233154	28.20	ng	-0.02
23) Nitrobenzene-d5	7.27	82	710336	107.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	149214	90.65	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1160339	104.80	ng	0.00
78) Terphenyl-d14	12.80	244	1052104	105.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	69983	5.762	ng	99
56) 2,4-Dinitrotoluene	9.74	165	20644	6.783	ng	# 23

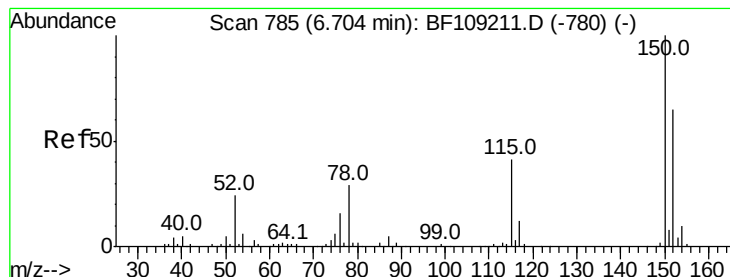
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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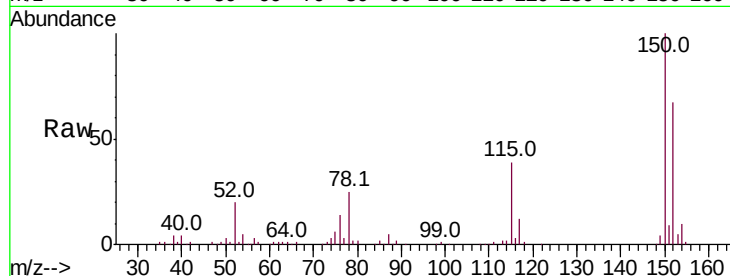


#1

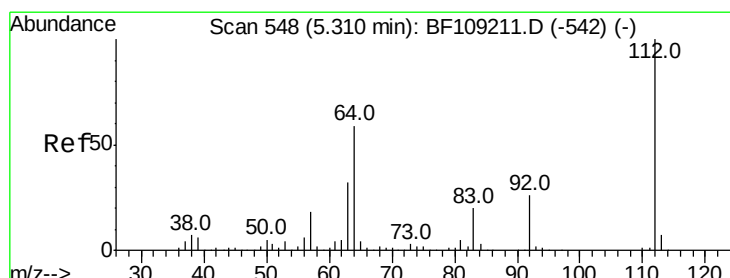
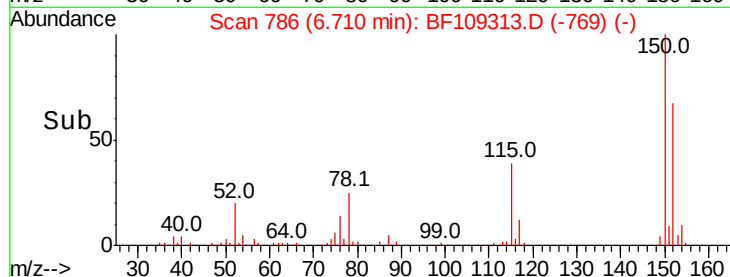
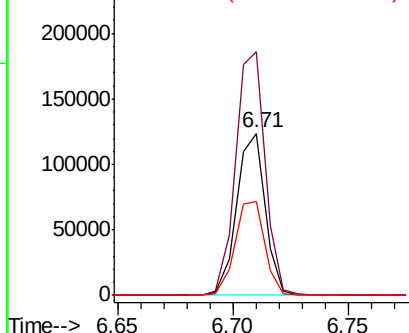
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	124.6	186.8
115	58.3	50.1	75.1



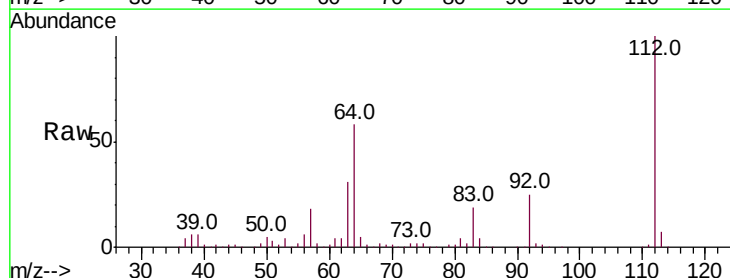
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



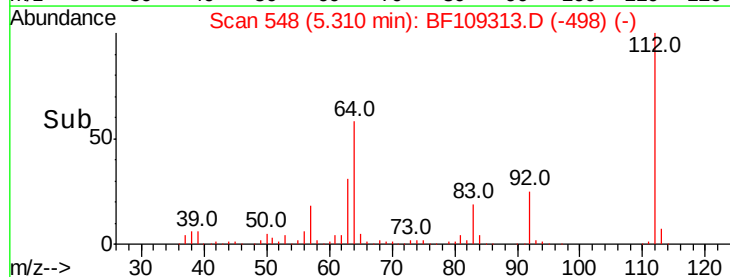
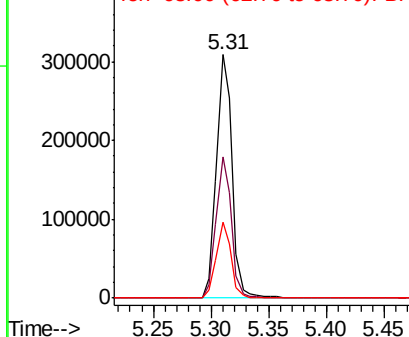
#5

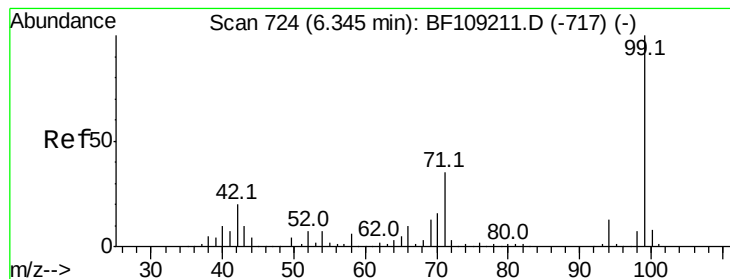
2-Fluorophenol
Concen: 44.827 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	31.0	23.7	35.5



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: 28.203 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-S

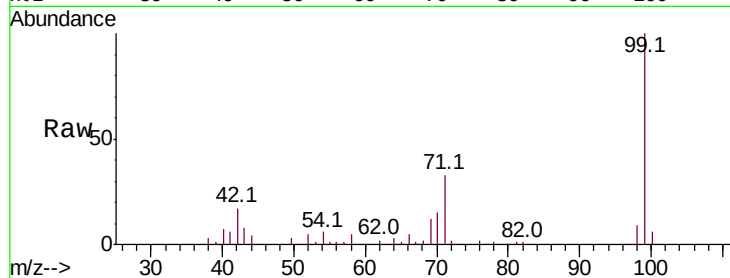
Tot Ion: 99 Resp: 233154

Ion Ratio Lower Upper

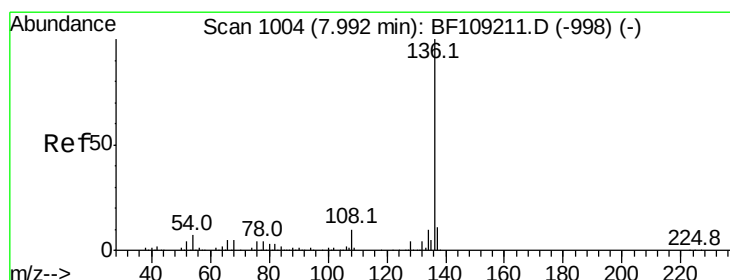
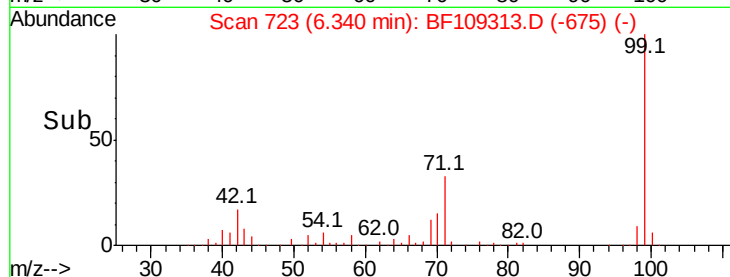
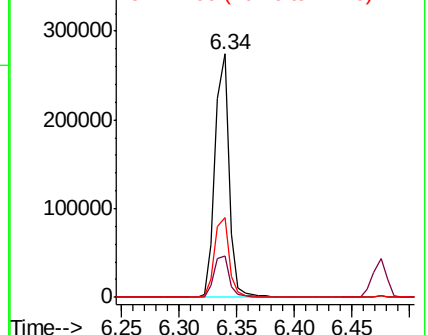
99 100

42 17.0 14.5 21.7

71 32.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Tgt Ion: 136 Resp: 390994

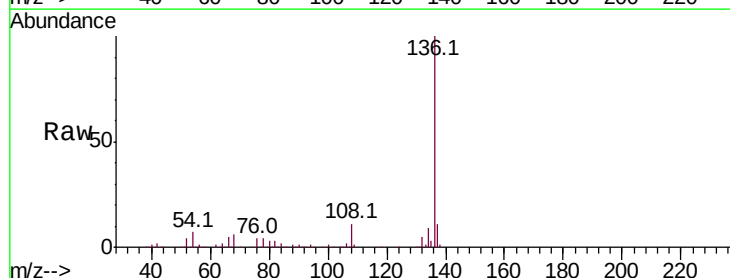
Ion Ratio Lower Upper

136 100

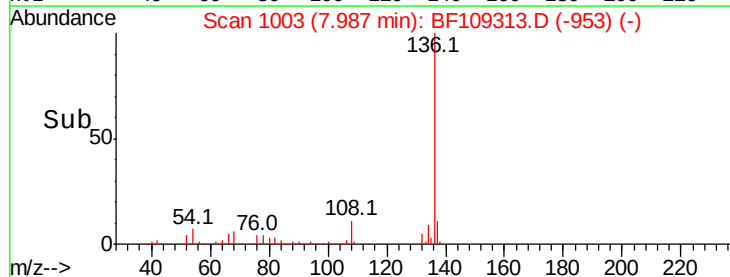
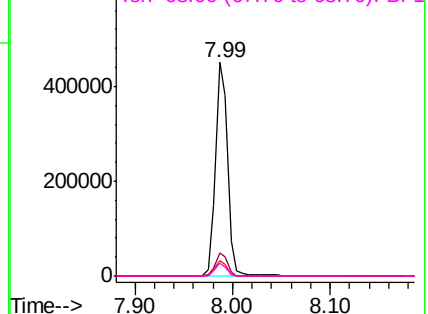
137 10.9 8.9 13.3

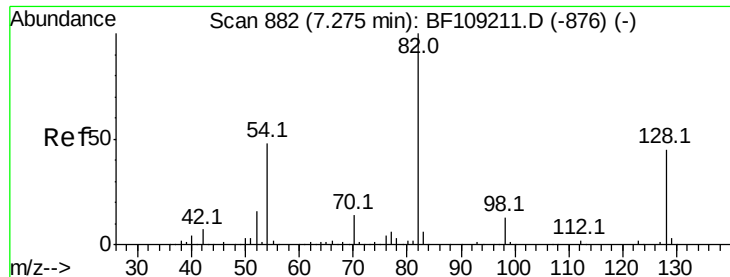
54 7.5 6.6 9.8

68 6.0 5.0 7.4



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

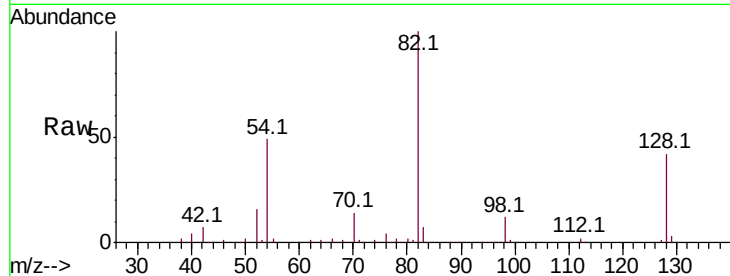




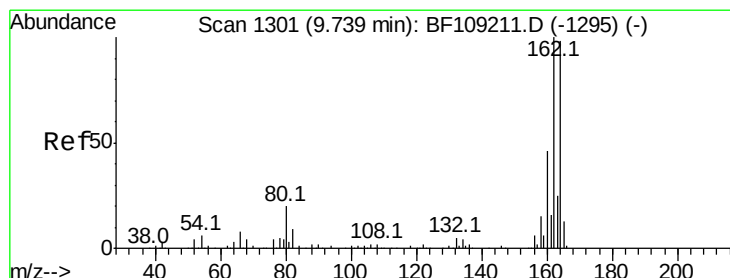
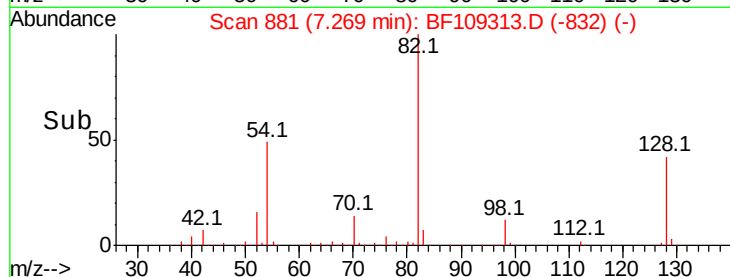
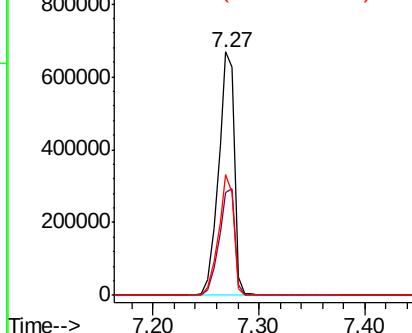
#23
 Nitrobenzene-d5
 Concen: 107.245 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-S

Tot Ion: 82 Resp: 710336
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 49.3 41.4 62.2

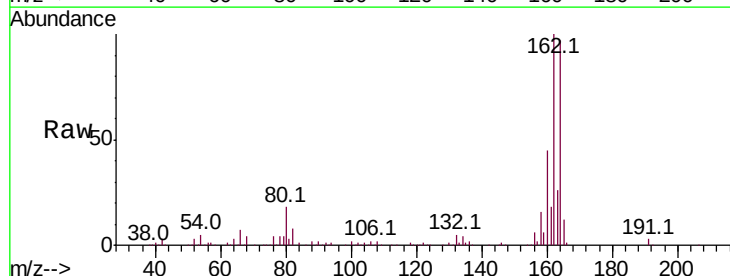


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

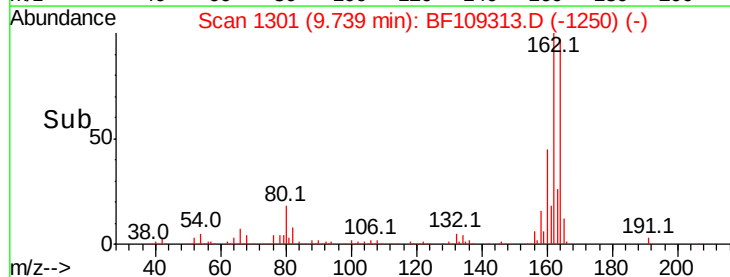
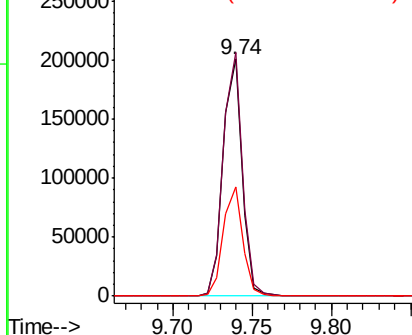


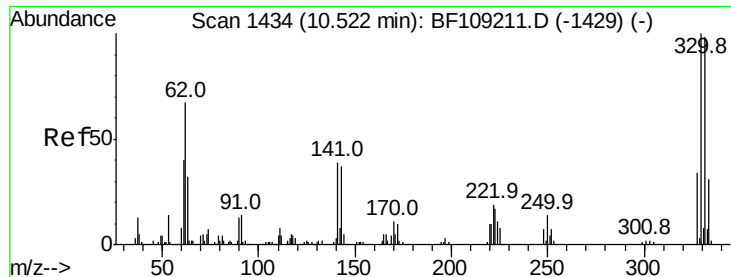
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

Tgt Ion: 164 Resp: 166984
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 46.3 38.3 57.5



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

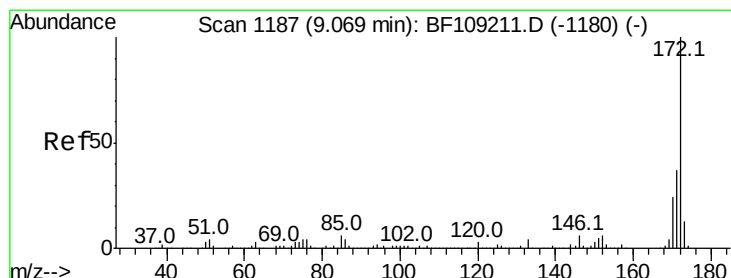
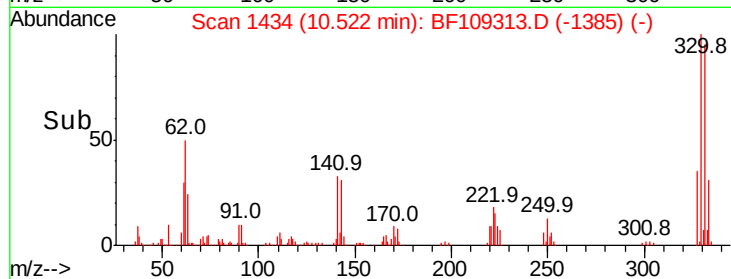
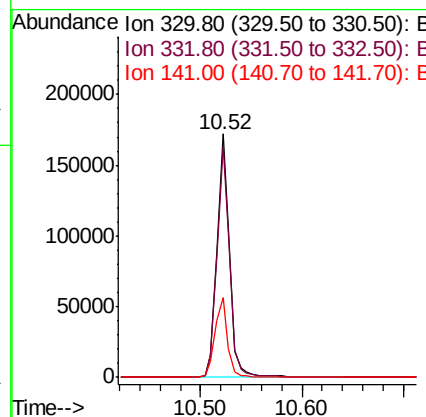
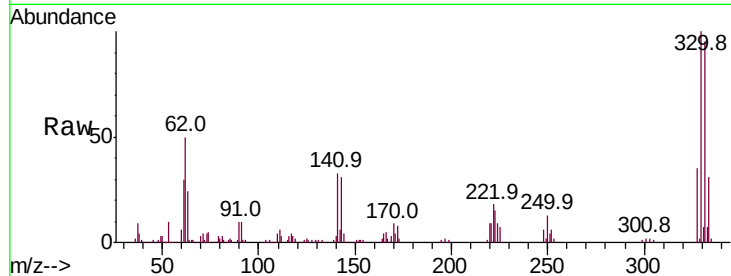




#41
 2,4,6-Tribromophenol
 Concen: 90.646 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

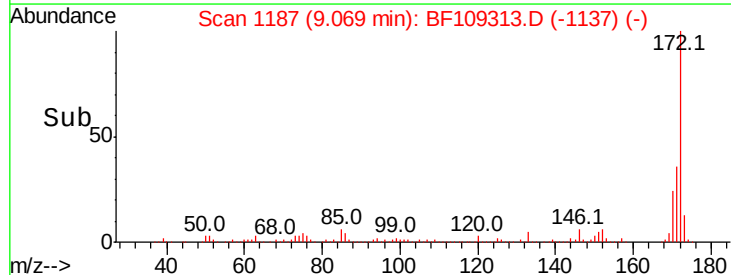
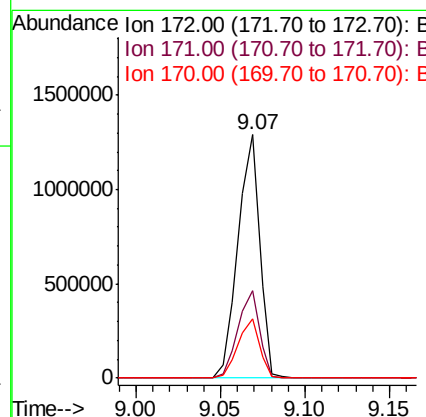
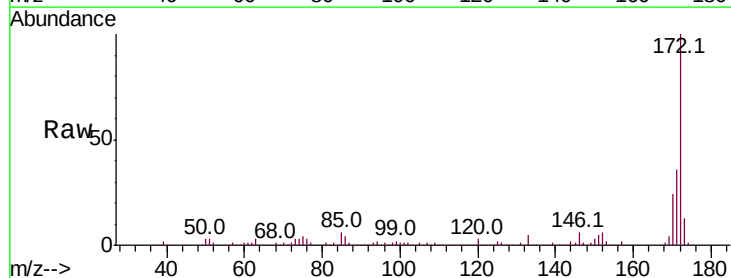
Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-D-S

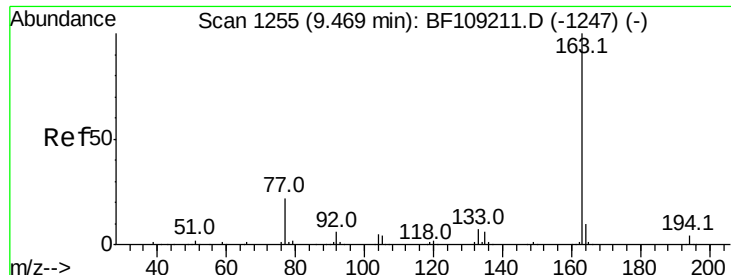
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 104.801 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

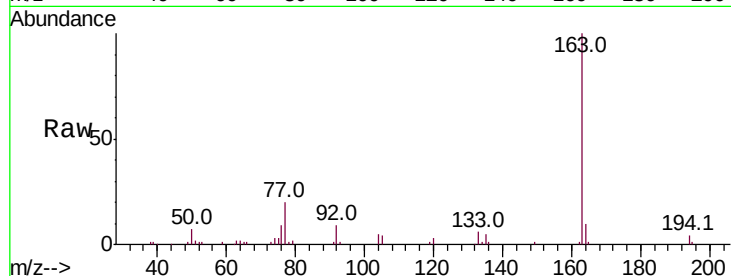




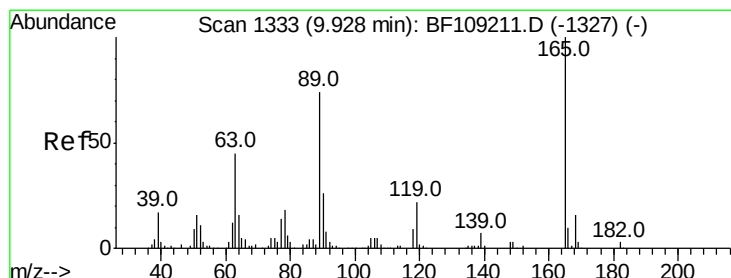
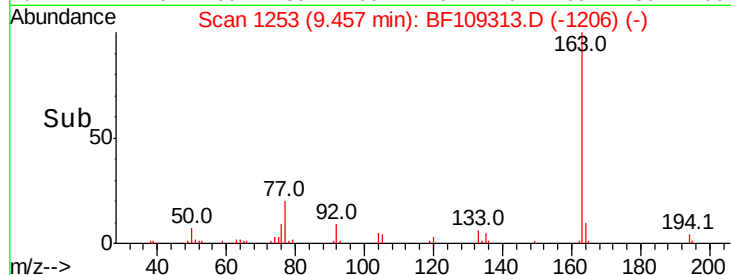
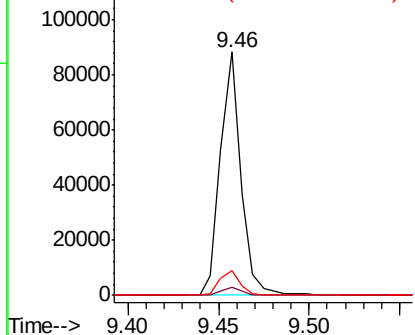
#49
Dimethylphthalate
Concen: 5.762 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-D-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

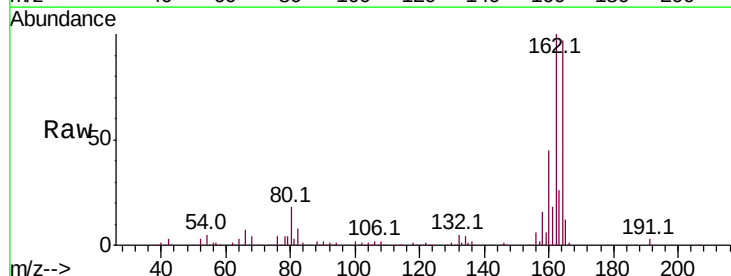


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

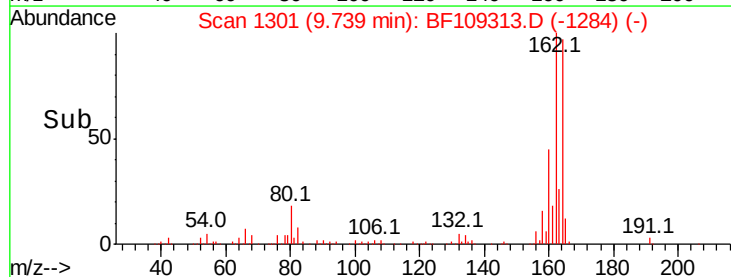
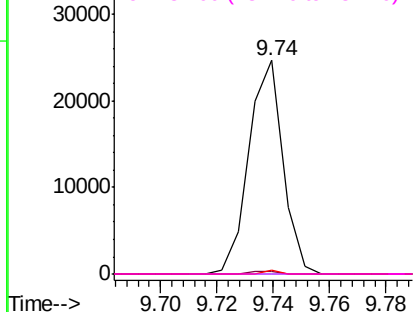


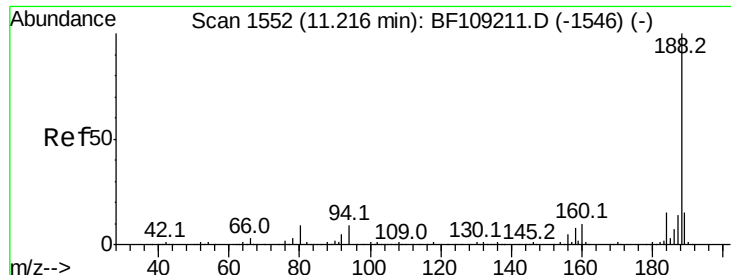
#56
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109313.D
Acq: 26 Sep 2018 3:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

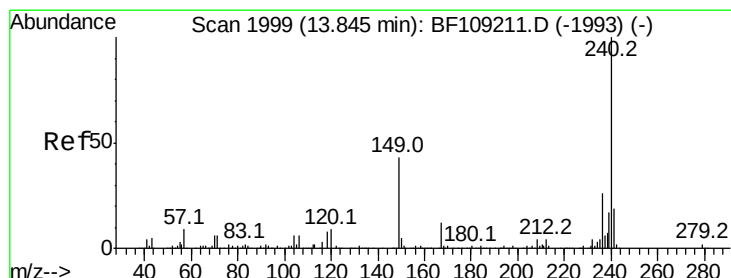
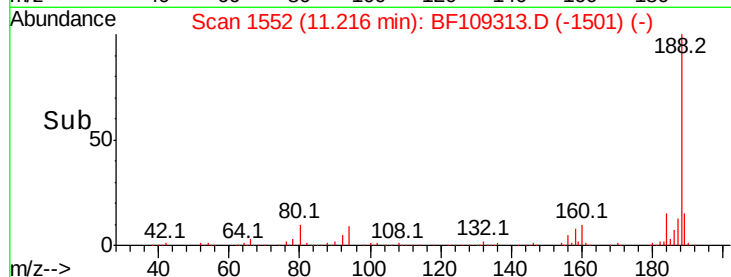
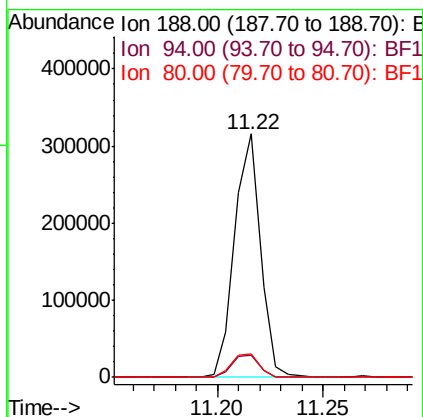
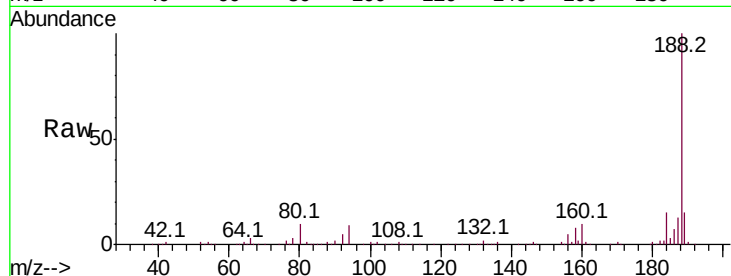




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

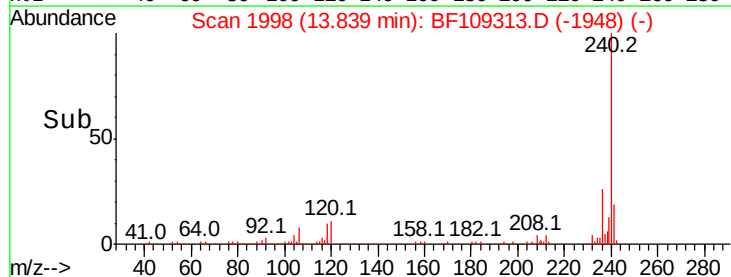
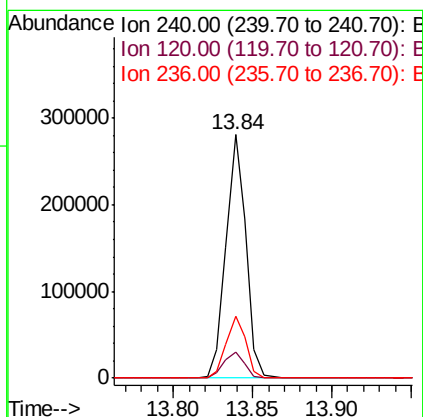
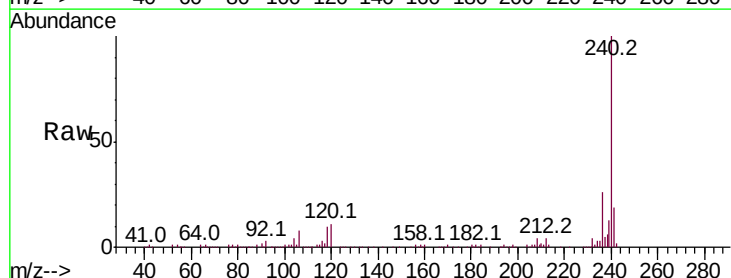
Instrument :
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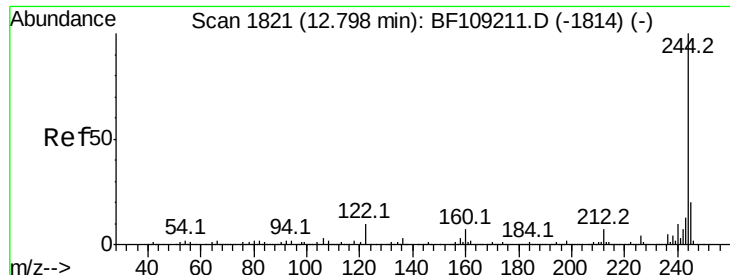
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109313.D
 Acq: 26 Sep 2018 3:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.6	20.7	31.1





#78

Terphenyl-d14

Concen: 105.781 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-D-S

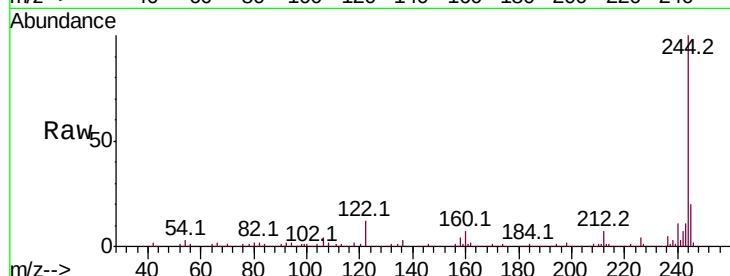
Tot Ion:244 Resp: 1052104

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

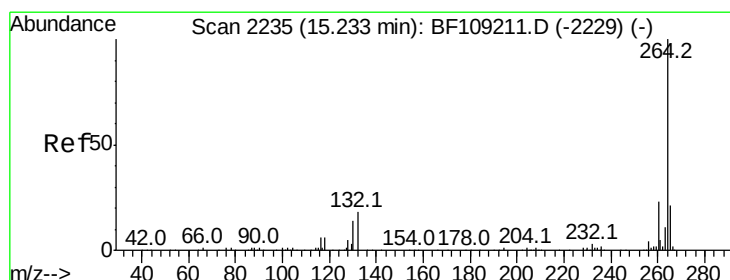
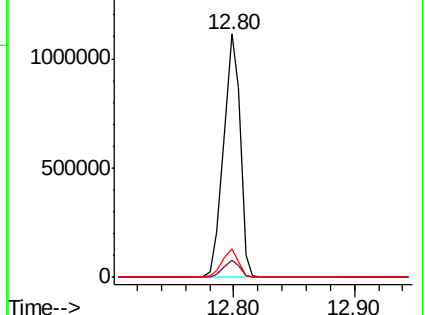
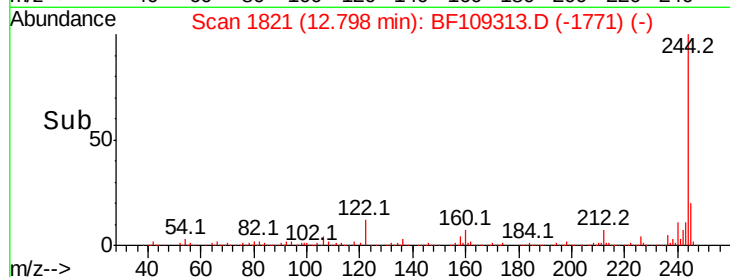
122 11.9 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109313.D

Acq: 26 Sep 2018 3:51

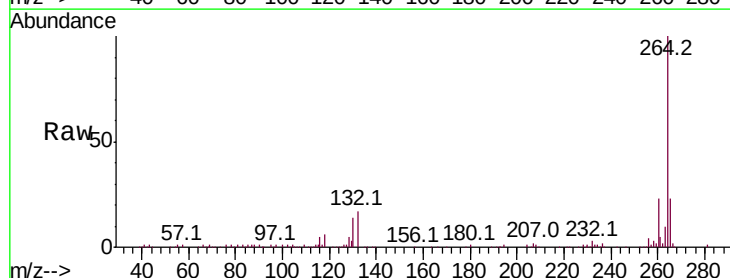
Tgt Ion:264 Resp: 176577

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 23.0 17.5 26.3



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

