

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101302.D
 Acq On : 11 Dec 2017 20:56
 Operator : SJ/JU
 Sample : I6792-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-5(5-10)

Quant Time: Dec 12 02:28:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

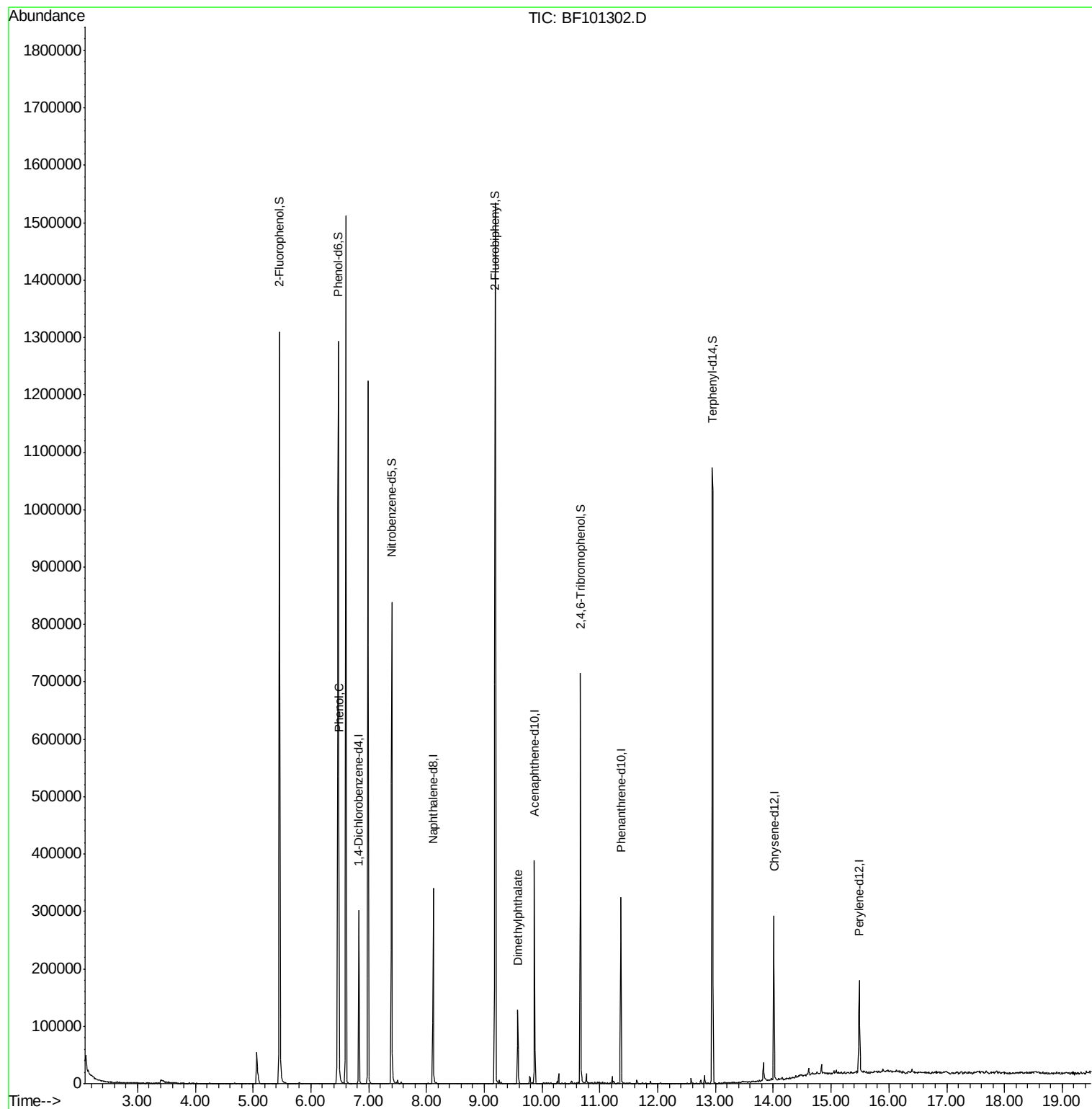
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46450	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	172920	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	72475	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	117372	20.00	ng	0.00
75) Chrysene-d12	14.01	240	98270	20.00	ng	0.00
86) Perylene-d12	15.49	264	83417	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	381897	135.86	ng	0.02
7) Phenol-d6	6.47	99	467271	136.92	ng	0.01
23) Nitrobenzene-d5	7.40	82	283891	97.94	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	95181	109.32	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	530265	100.10	ng	0.00
78) Terphenyl-d14	12.95	244	386817	86.10	ng	0.01
Target Compounds						
10) Phenol	6.49	94	14654	3.862	ng	96
49) Dimethylphthalate	9.58	163	48869	8.361	ng	# 99

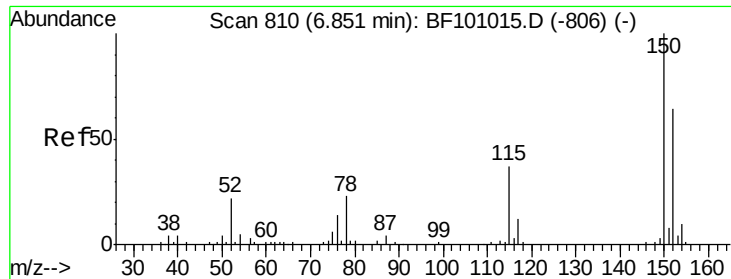
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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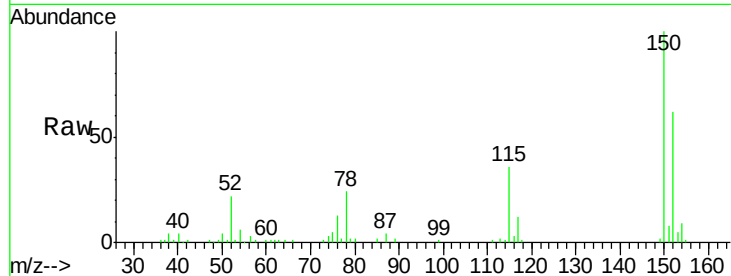


#1

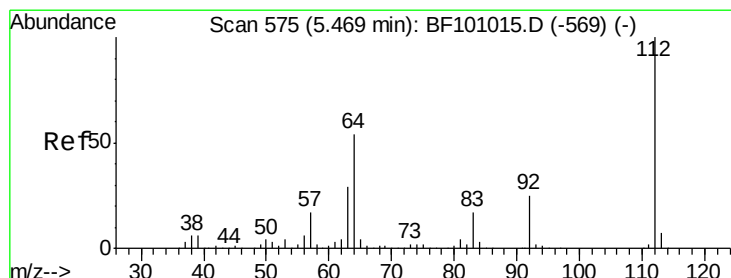
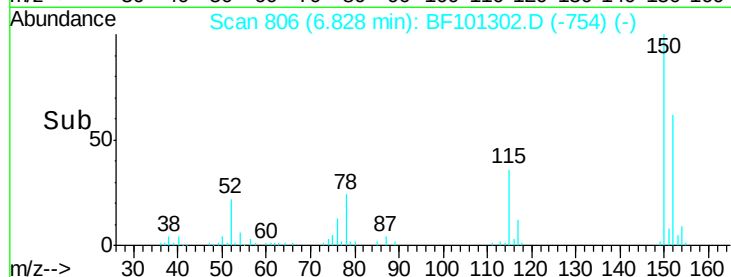
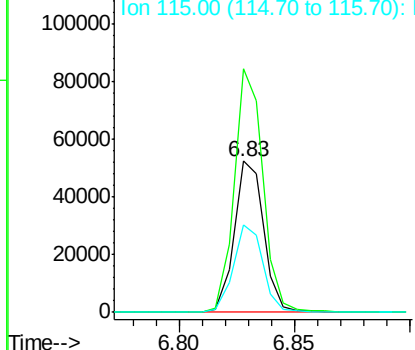
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tot Ion:152 Resp: 46450
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 58.0 50.1 75.1



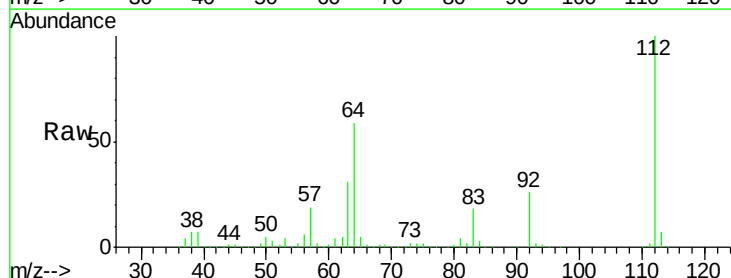
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



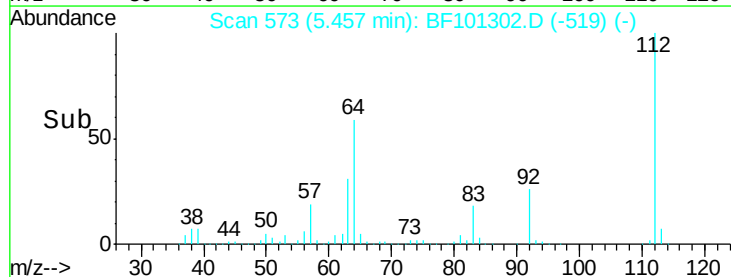
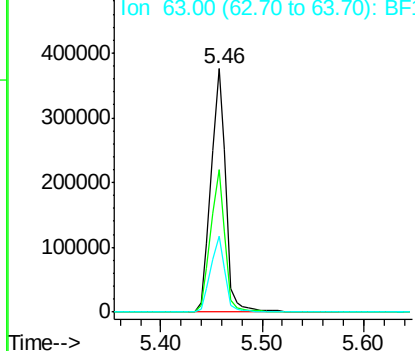
#5

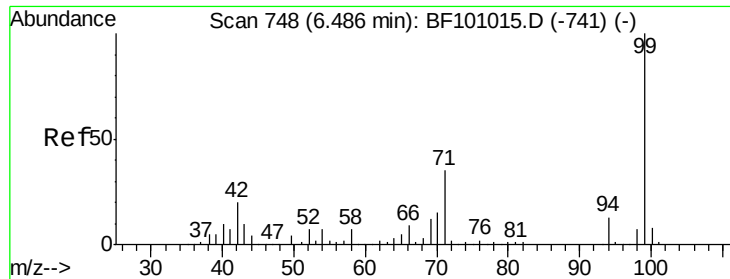
2-Fluorophenol
Concen: 135.859 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:112 Resp: 381897
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 31.2 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: 136.917 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101302.D

Acq: 11 Dec 2017 20:56

Instrument :

BNA_F

ClientSampleId :

EPE-108-5(5-10)

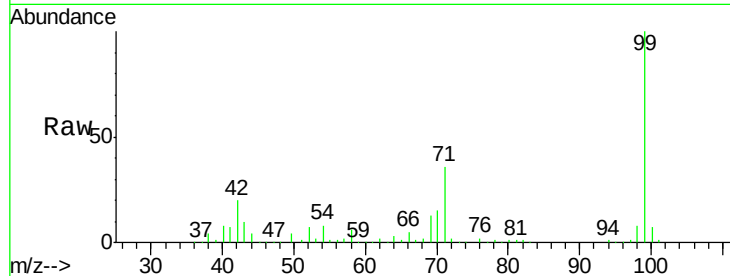
Tot Ion: 99 Resp: 467271

Ion Ratio Lower Upper

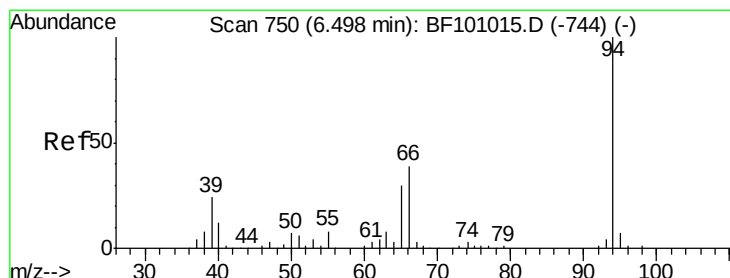
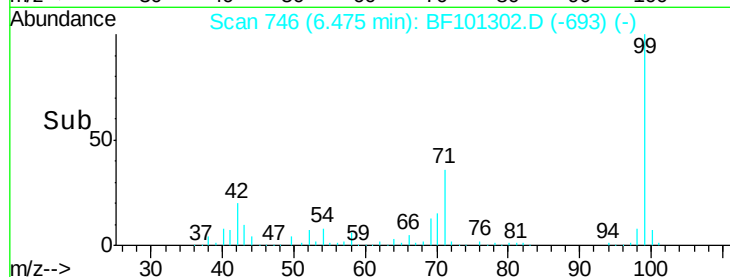
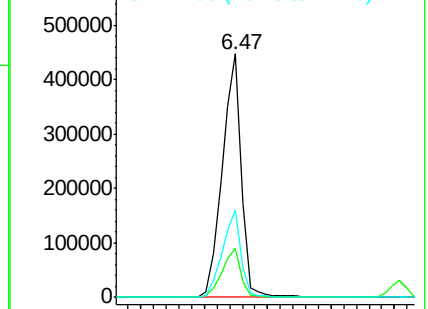
99 100

42 20.1 14.5 21.7

71 36.0 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



#10

Phenol

Concen: 3.862 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101302.D

Acq: 11 Dec 2017 20:56

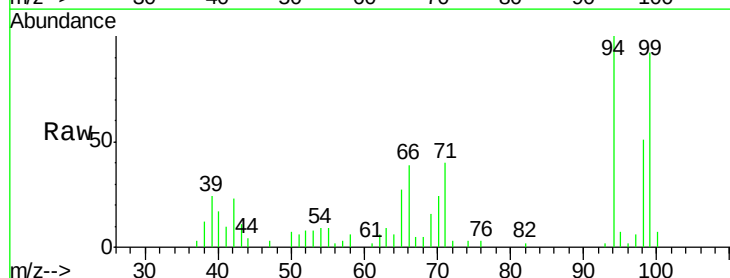
Tgt Ion: 94 Resp: 14654

Ion Ratio Lower Upper

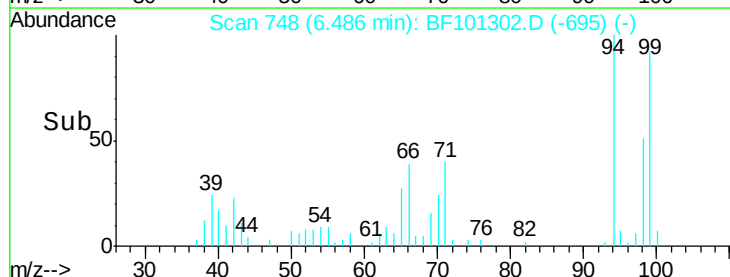
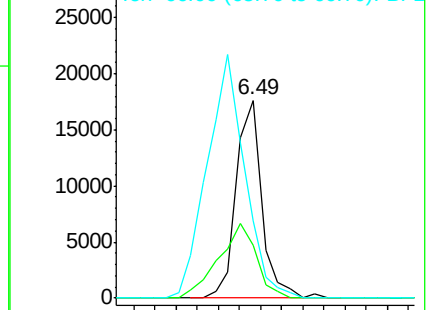
94 100

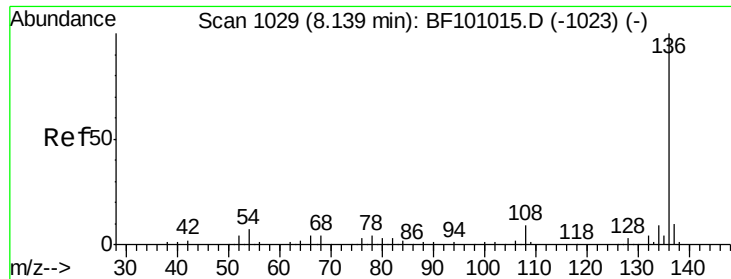
65 26.8 7.9 47.9

66 39.1 16.2 56.2



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

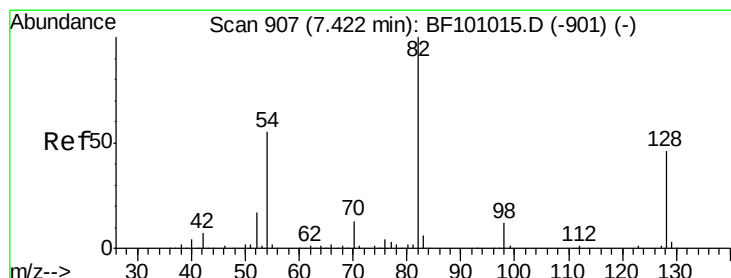
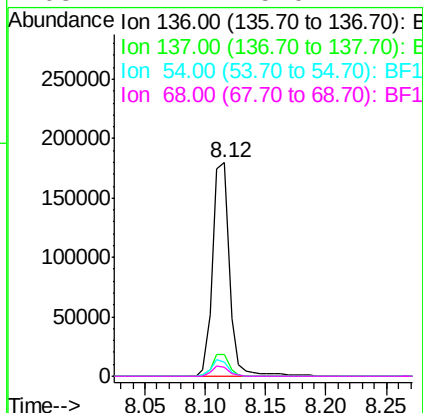
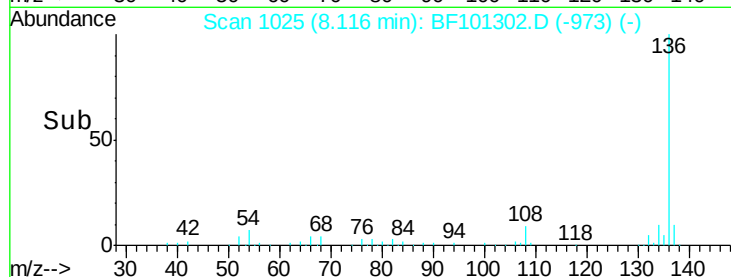
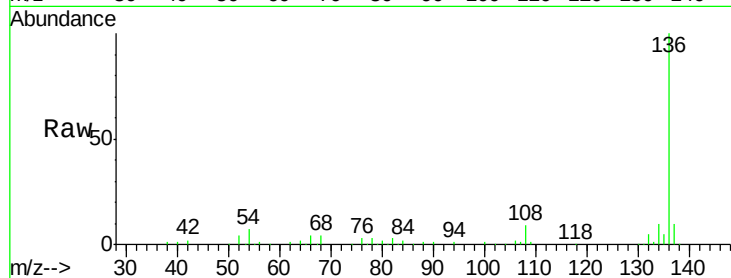




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

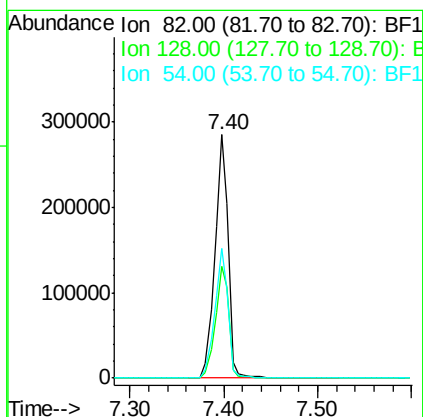
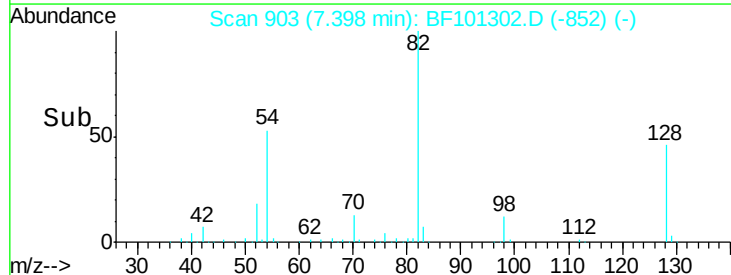
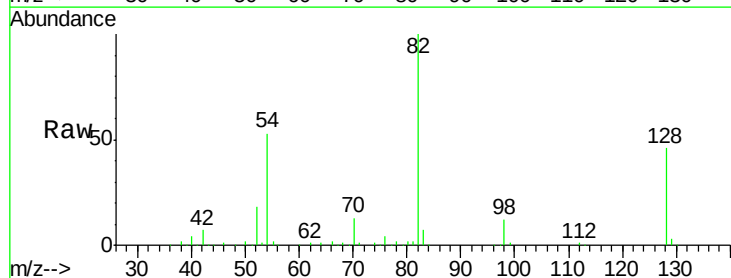
Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

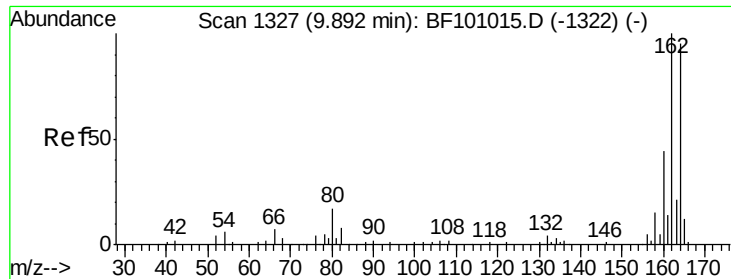
Tot Ion:136	Resp:	172920
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.9	13.3
54 6.8	6.6	9.8
68 4.2	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 97.935 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion: 82	Resp: 283891
Ion Ratio	Lower Upper
82 100	
128 45.8	36.1 54.1
54 53.3	41.4 62.2

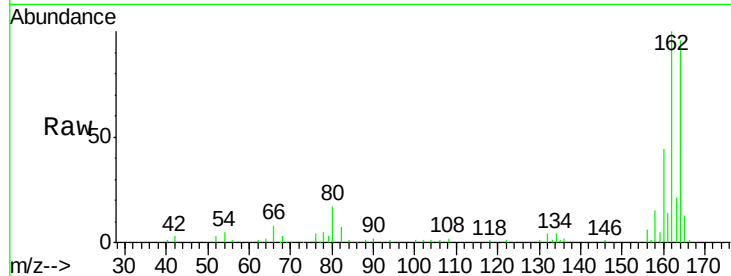




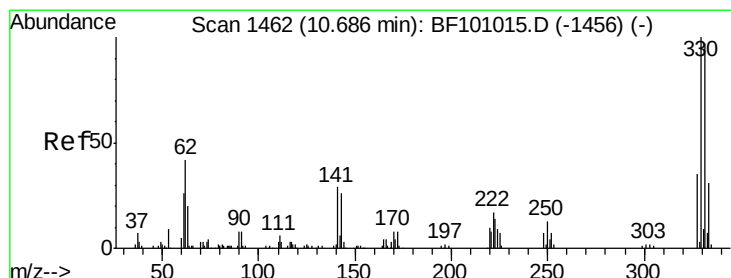
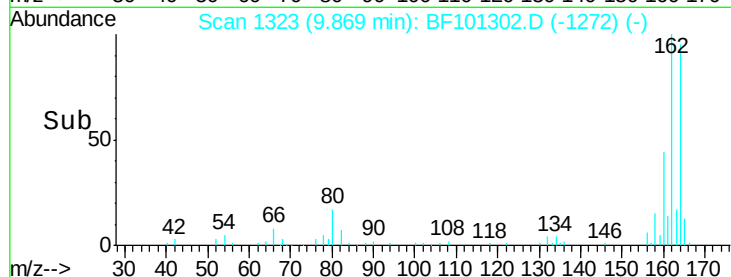
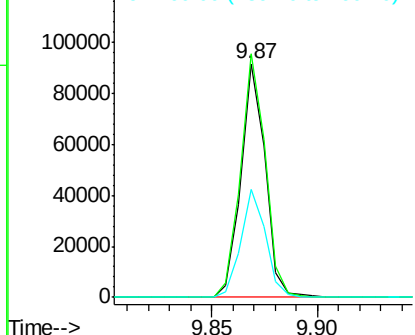
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tot Ion:164 Resp: 72475
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 46.2 38.3 57.5

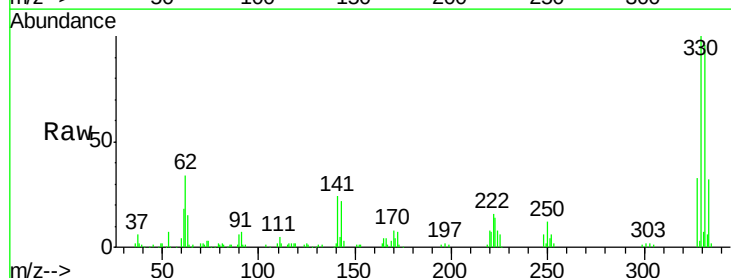


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

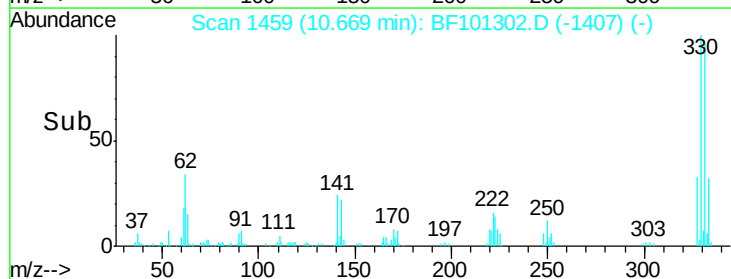
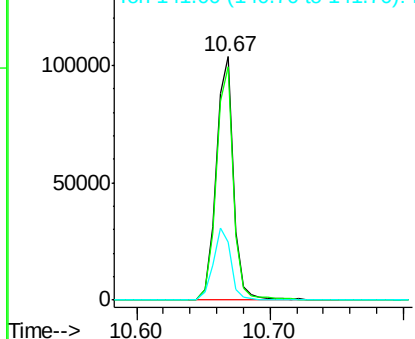


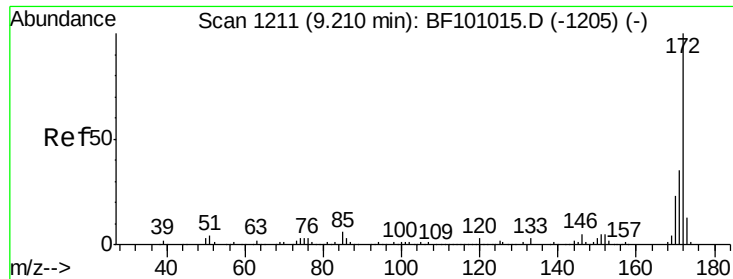
#41
2,4,6-Tribromophenol
Concen: 109.324 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:330 Resp: 95181
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 30.1 29.9 44.9



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

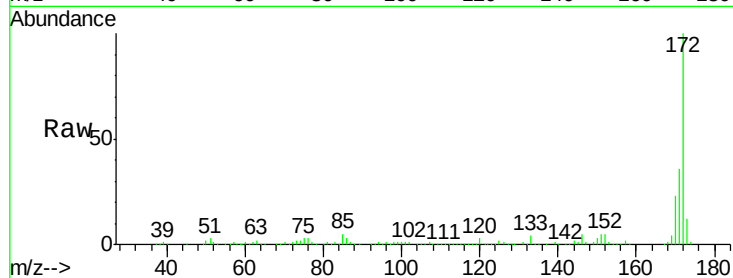




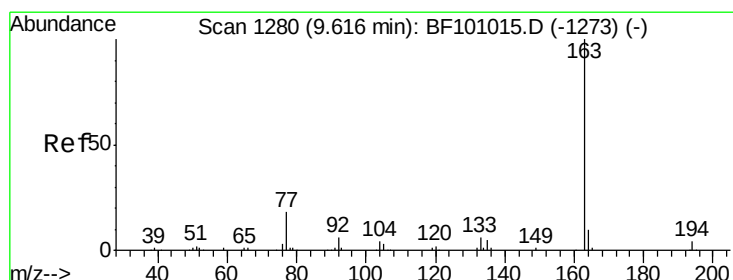
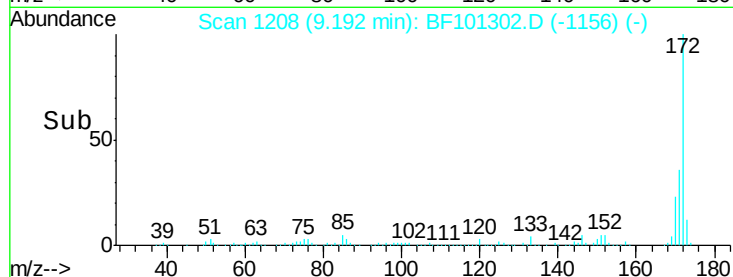
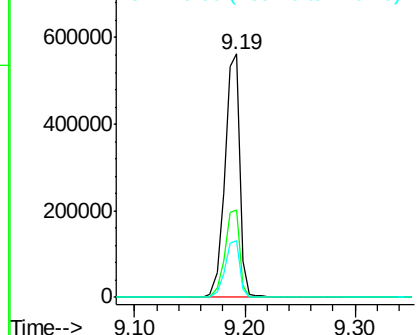
#44
2-Fluorobiphenyl
Concen: 100.105 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tot Ion:172 Resp: 530265
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.1 19.6 29.4

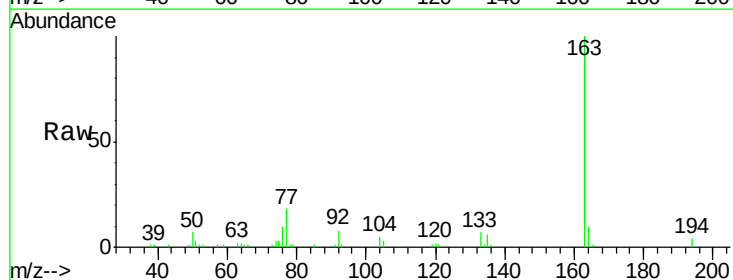


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

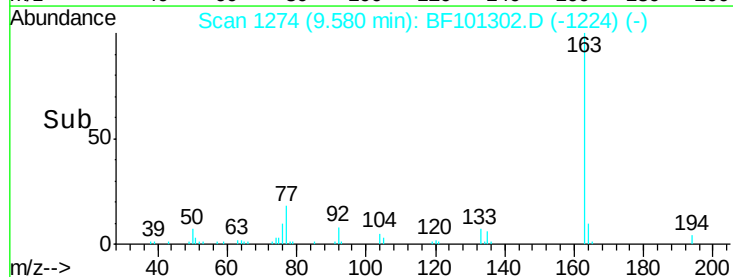
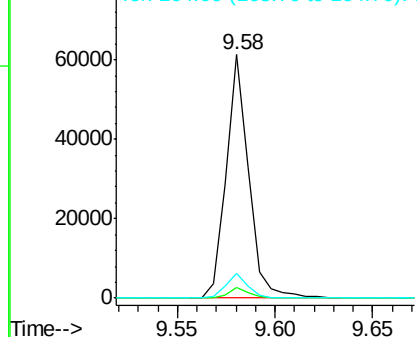


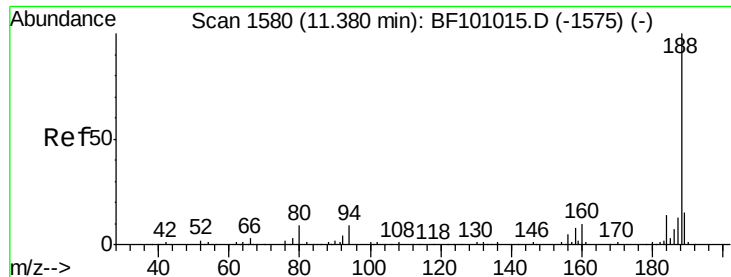
#49
Dimethylphthalate
Concen: 8.361 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:163 Resp: 48869
Ion Ratio Lower Upper
163 100
194 4.1 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

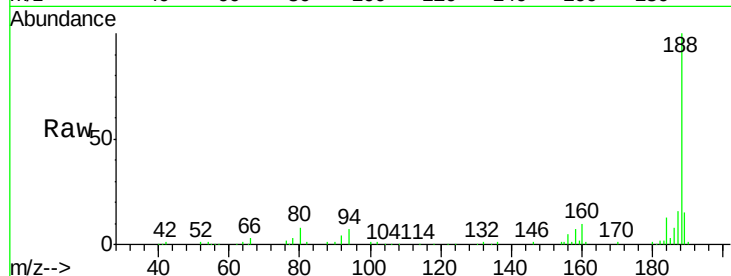




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

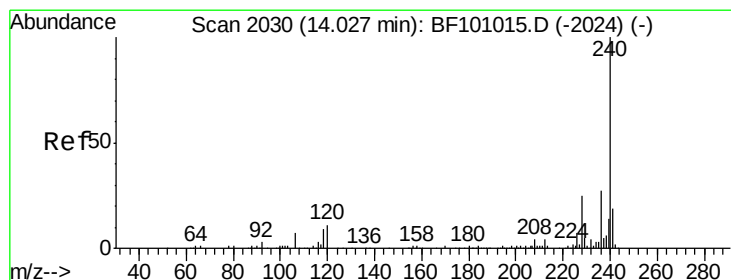
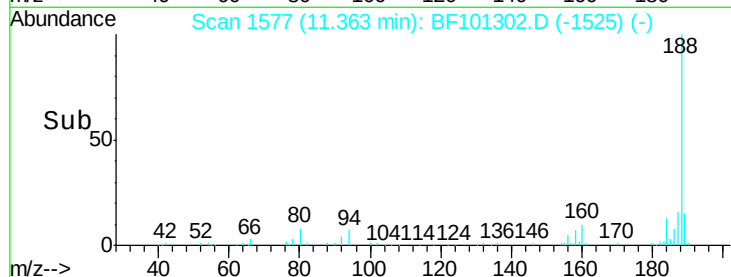
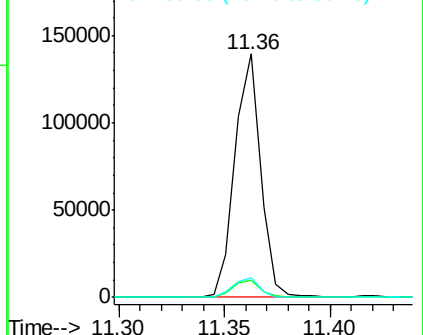
Tot Ion	188	Resp	117372
Ion Ratio	100		
Lower	8.5		
Upper	12.7		
94	6.8		
80	8.1		
	9.2		
	13.8		



Abundance Ion 188.00 (187.70 to 188.70): E

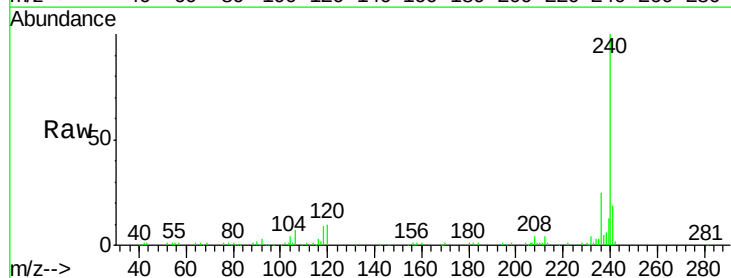
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

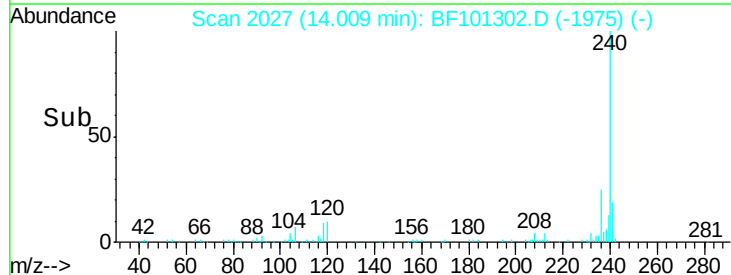
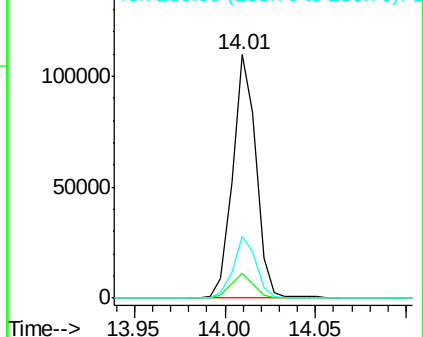
Tgt Ion	240	Resp	98270
Ion Ratio	100		
Lower	9.5		
Upper	14.3		
120	10.2		
236	25.2		
	20.7		
	31.1		

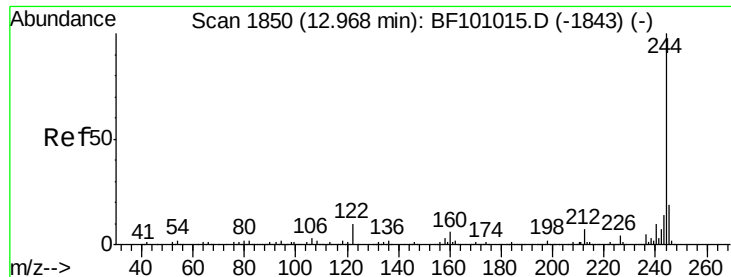


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.096 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101302.D

Acq: 11 Dec 2017 20:56

Instrument :

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EPE-108-5(5-10)

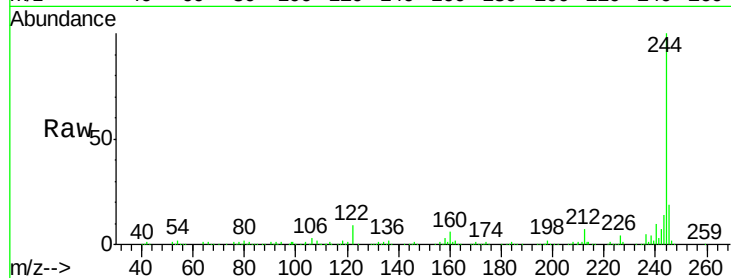
Tot Ion:244 Resp: 386817

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

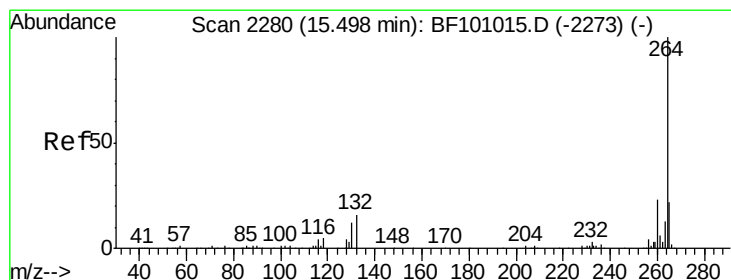
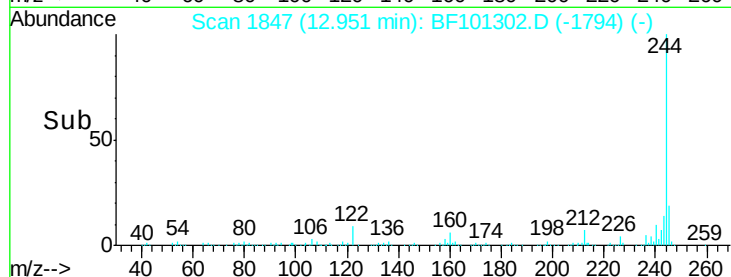
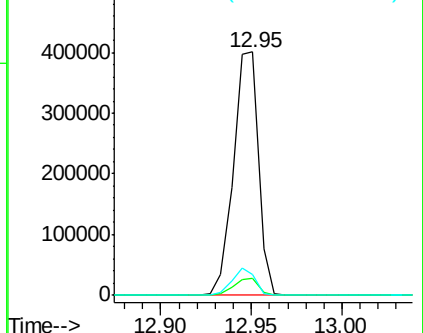
122 8.7 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF101302.D

Acq: 11 Dec 2017 20:56

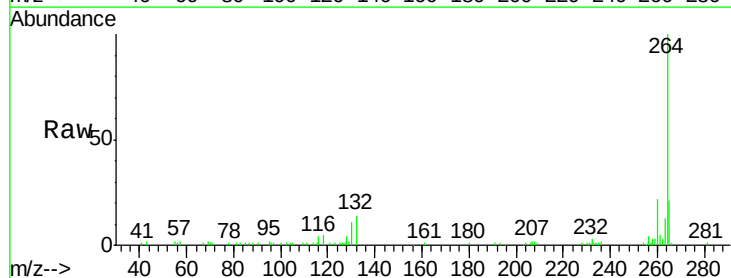
Tgt Ion:264 Resp: 83417

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.6 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

