

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100015.D
 Acq On : 31 Oct 2017 20:34
 Operator : SJ/JU
 Sample : I6178-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(5-10)

Quant Time: Nov 01 05:27:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

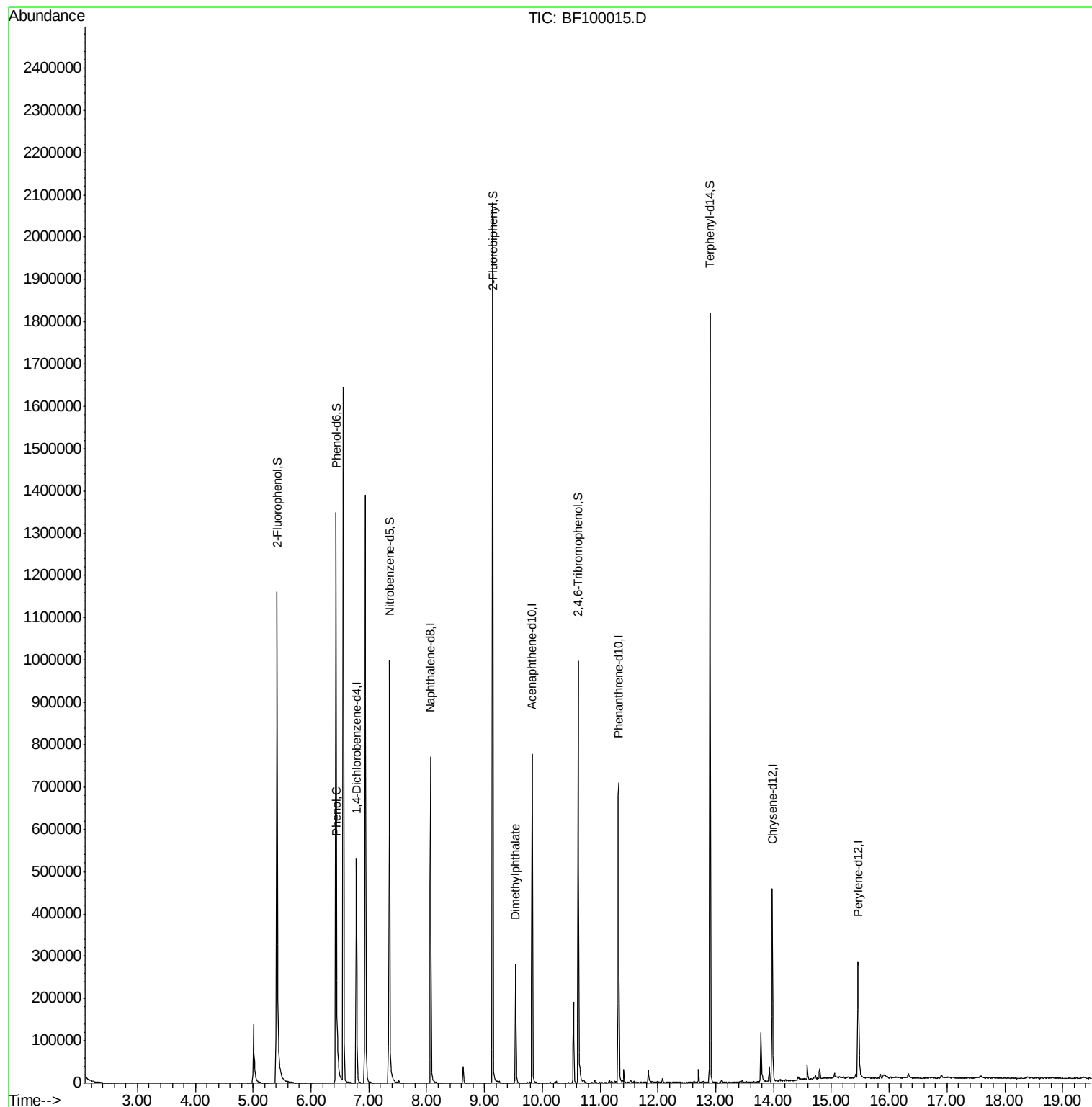
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90218	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	367534	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	168115	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	287043	20.00	ng	0.00
75) Chrysene-d12	13.98	240	176454	20.00	ng	0.00
86) Perylene-d12	15.46	264	153637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	477216	83.04	ng	0.00
7) Phenol-d6	6.43	99	584049	85.72	ng	0.00
23) Nitrobenzene-d5	7.36	82	336162	58.89	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	129614	84.60	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	707431	64.92	ng	0.00
78) Terphenyl-d14	12.90	244	579387	71.76	ng	0.00
Target Compounds						
10) Phenol	6.45	94	42797	5.721	ng	96
49) Dimethylphthalate	9.54	163	124149	9.325	ng	100

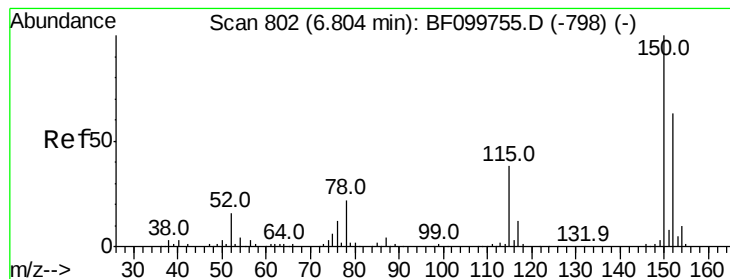
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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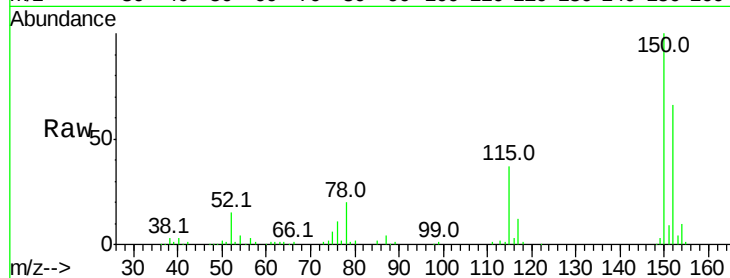


#1

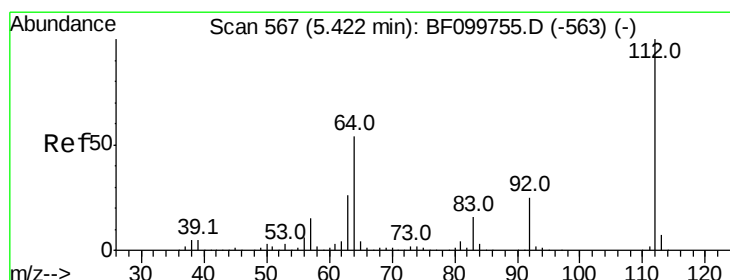
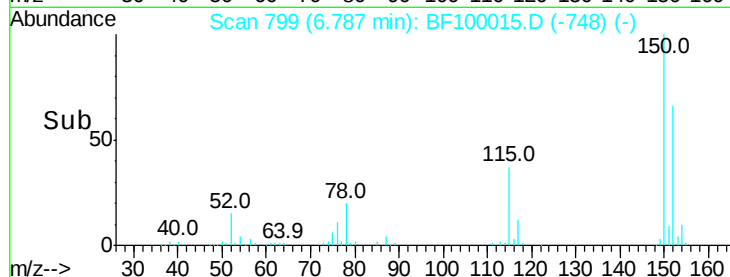
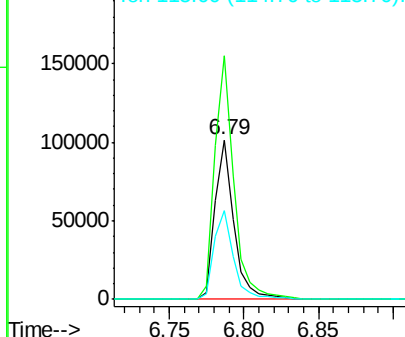
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100015.D
 Acq: 31 Oct 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(5-10)

Tot Ion:152 Resp: 90218
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.6 186.8
 115 55.7 50.1 75.1



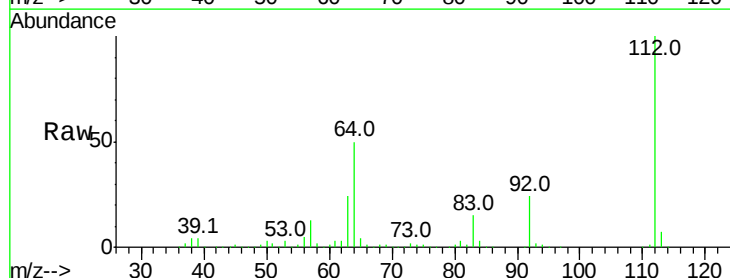
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



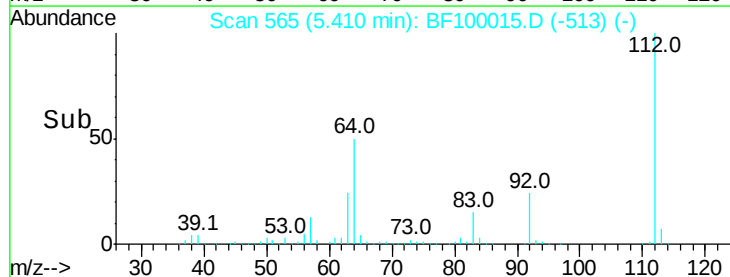
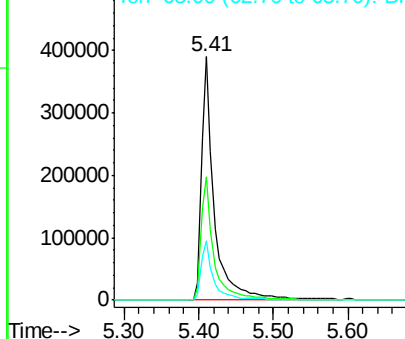
#5

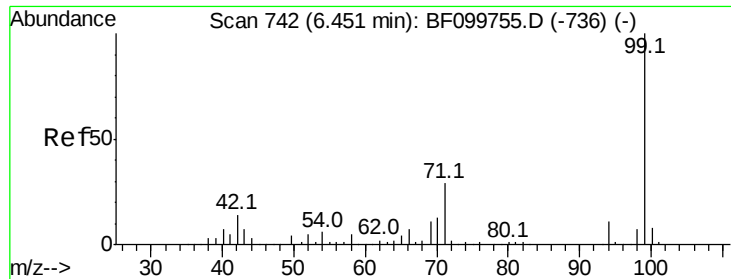
2-Fluorophenol
 Concen: 83.045 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF100015.D
 Acq: 31 Oct 2017 20:34

Tgt Ion:112 Resp: 477216
 Ion Ratio Lower Upper
 112 100
 64 50.5 47.9 71.9
 63 24.2 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: 85.716 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100015.D

Acq: 31 Oct 2017 20:34

Instrument :

BNA_F

ClientSampleId :

EPE-M-6(5-10)

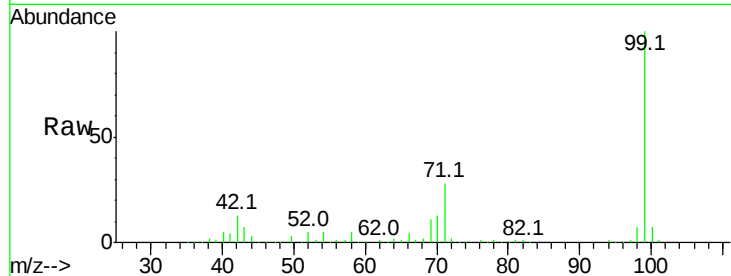
Tot Ion: 99 Resp: 584049

Ion Ratio Lower Upper

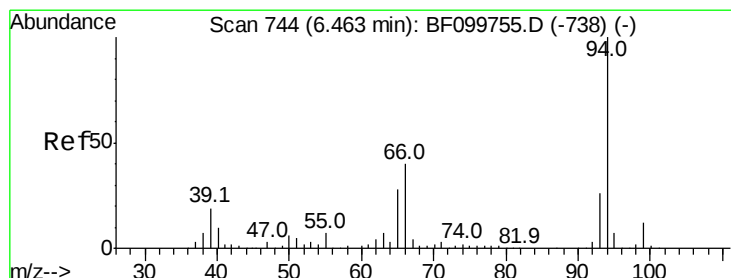
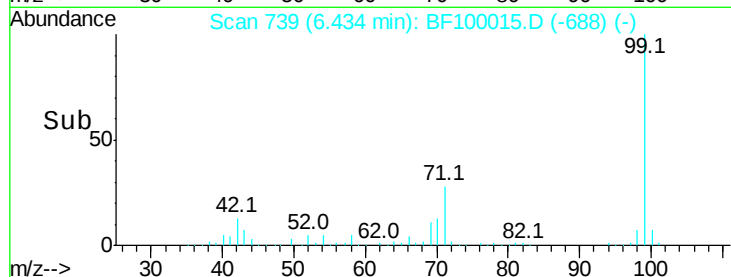
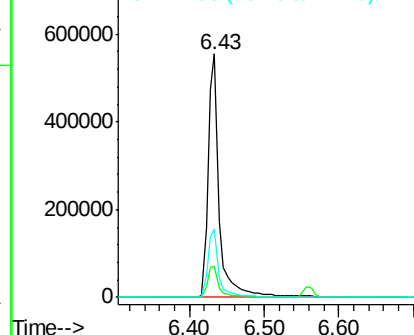
99 100

42 12.9 14.5 21.7#

71 28.3 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: 5.721 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF100015.D

Acq: 31 Oct 2017 20:34

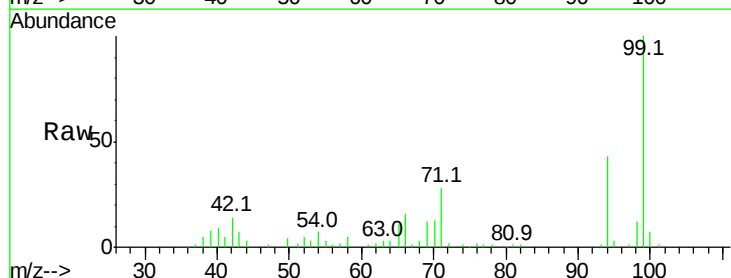
Tgt Ion: 94 Resp: 42797

Ion Ratio Lower Upper

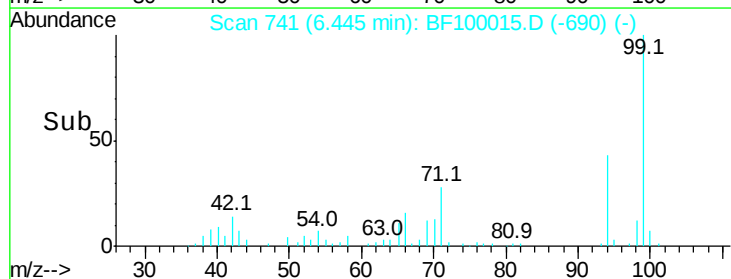
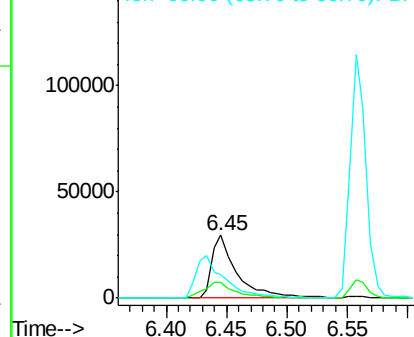
94 100

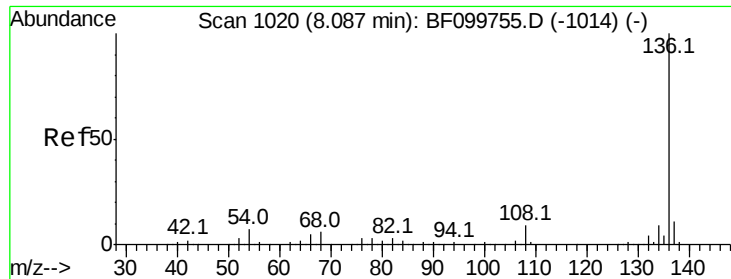
65 24.3 7.9 47.9

66 37.0 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

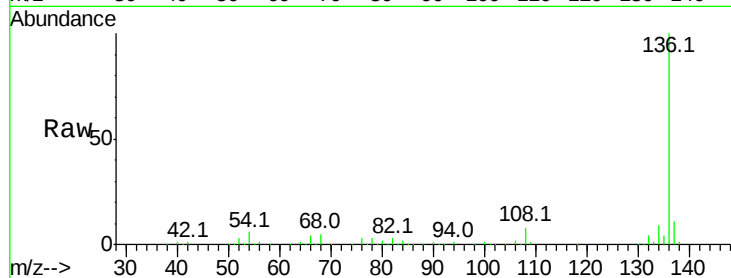




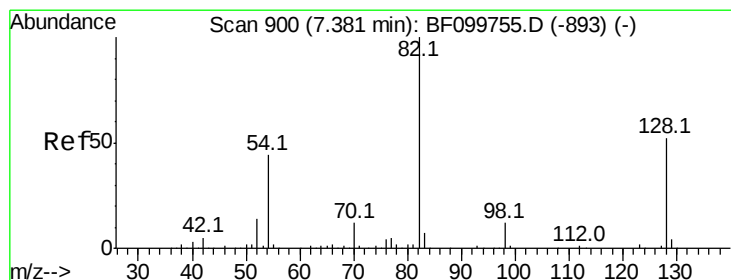
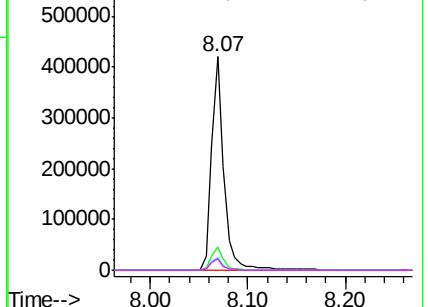
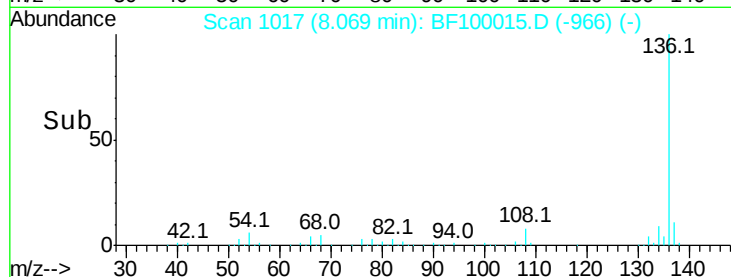
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tot Ion:	136	Resp:	367534
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

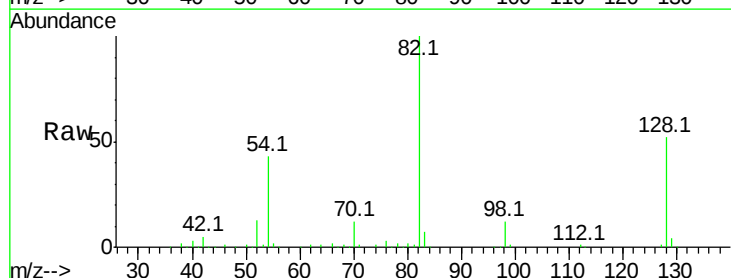


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

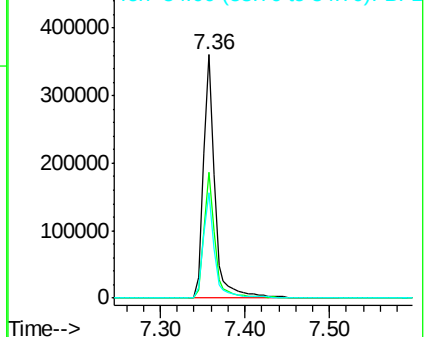
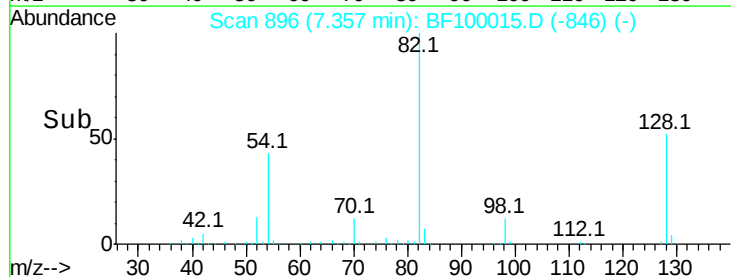


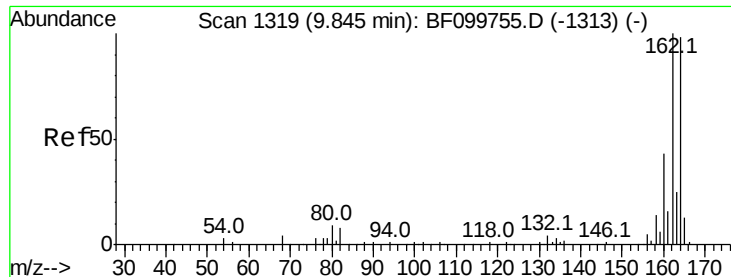
#23
Nitrobenzene-d5
Concen: 58.885 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:	82	Resp:	336162
Ion	Ratio	Lower	Upper
82	100		
128	51.8	36.1	54.1
54	43.1	41.4	62.2



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

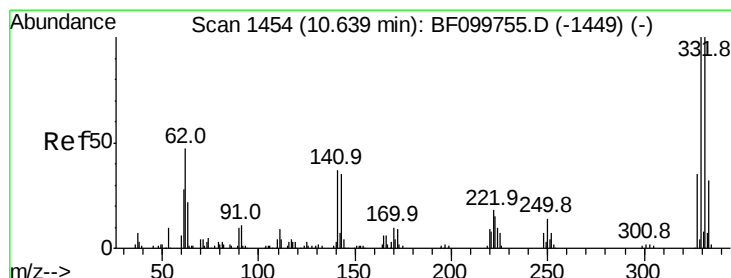
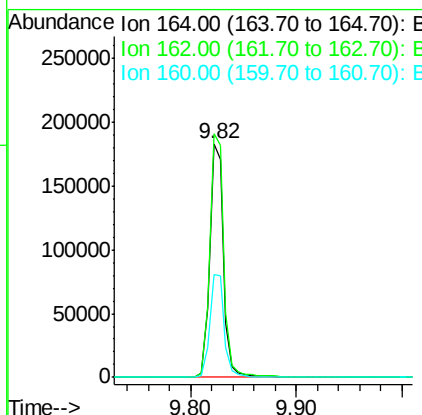
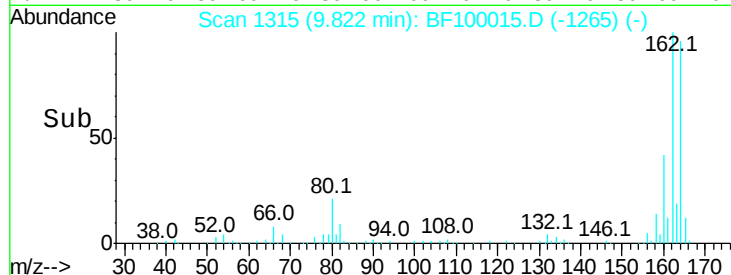
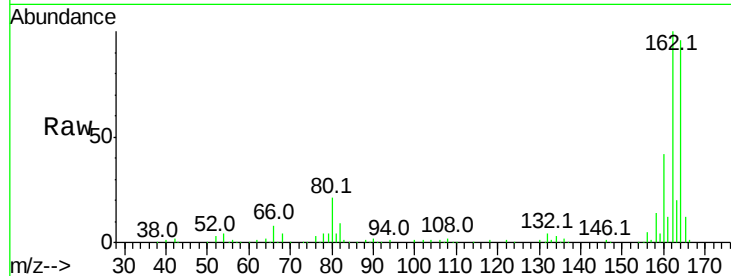




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

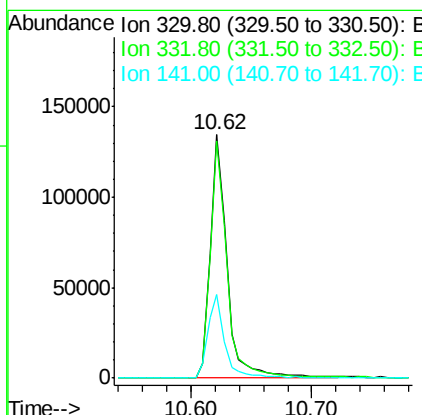
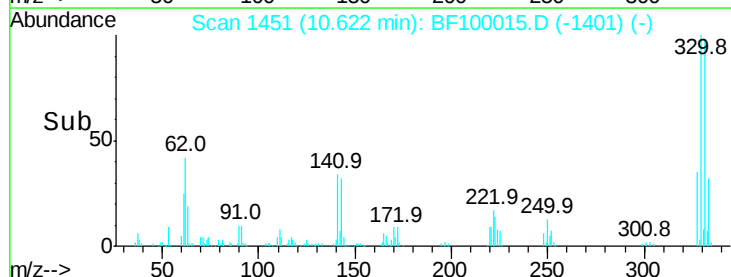
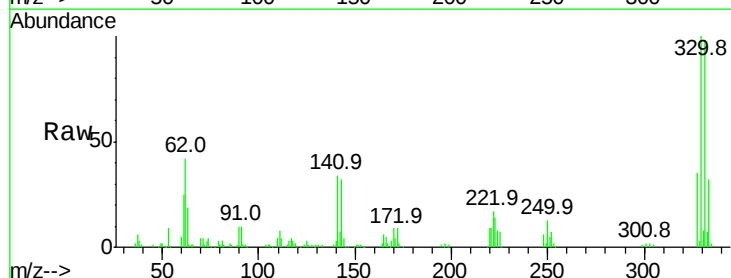
Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

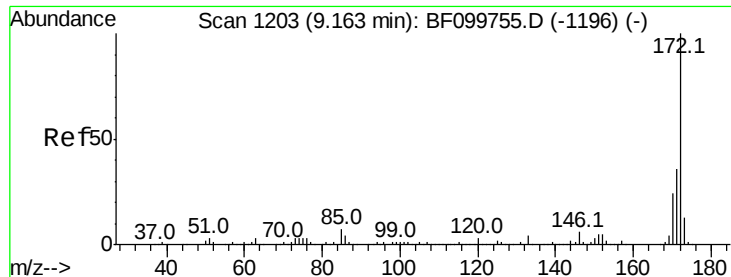
Tot Ion:164 Resp: 168115
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 43.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 84.601 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:330 Resp: 129614
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 34.8 29.9 44.9

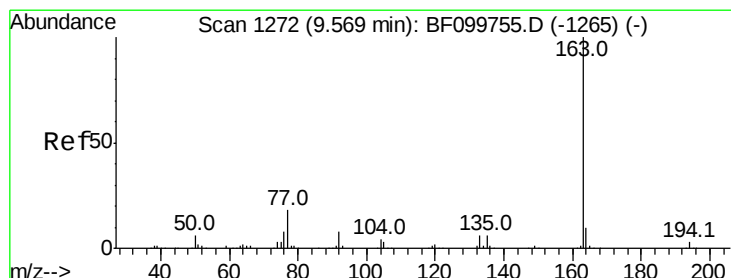
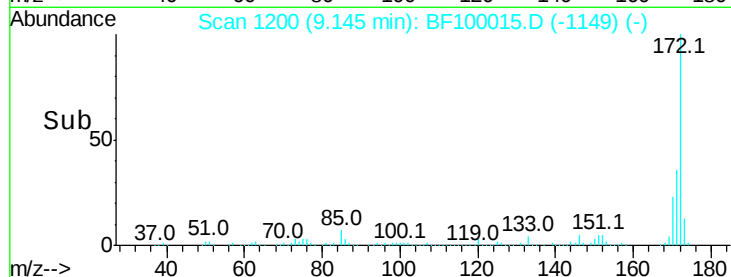
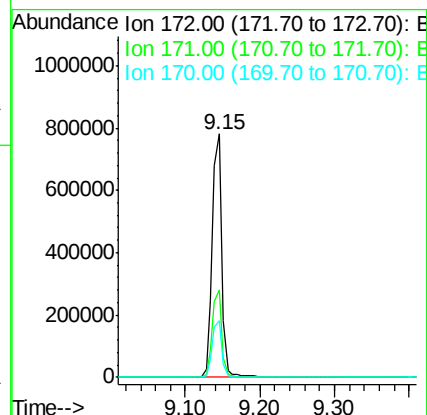
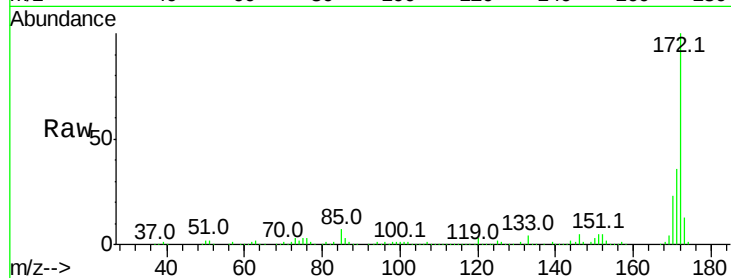




#44
2-Fluorobiphenyl
Concen: 64.923 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

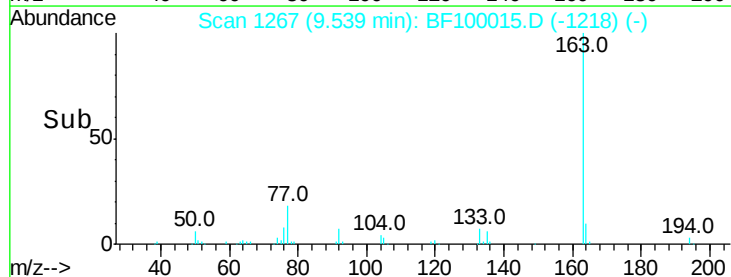
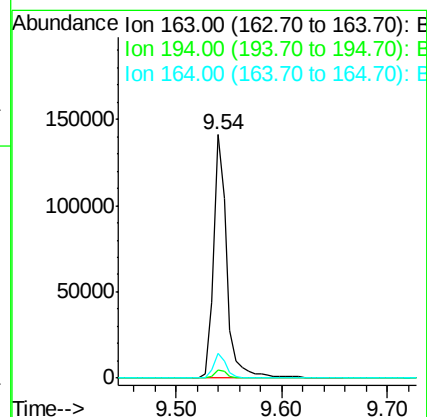
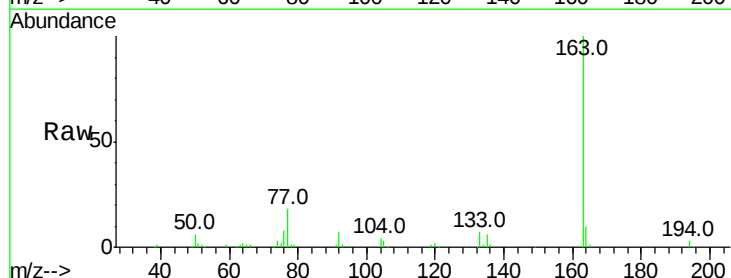
Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

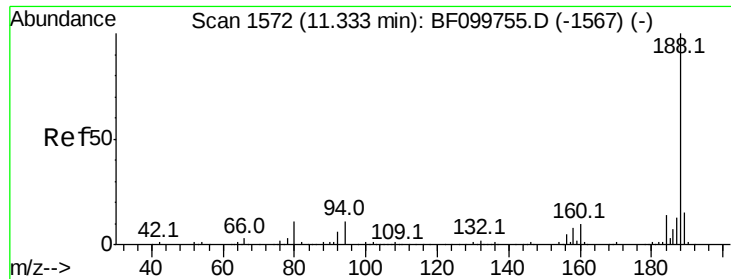
Tot Ion:172 Resp: 707431
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 9.325 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:163 Resp: 124149
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

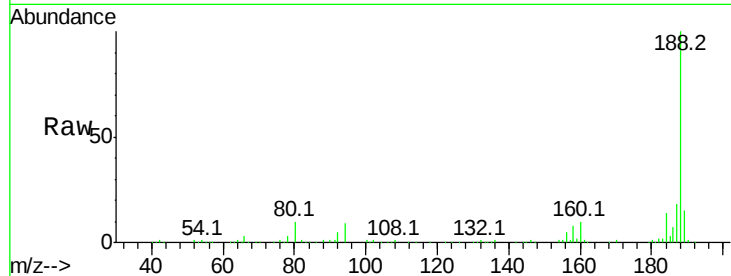




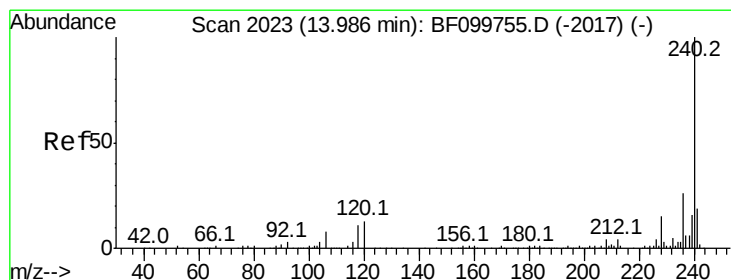
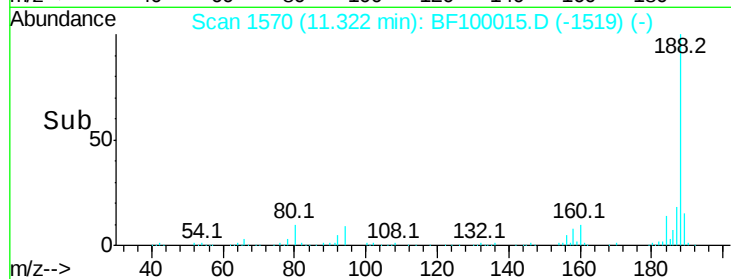
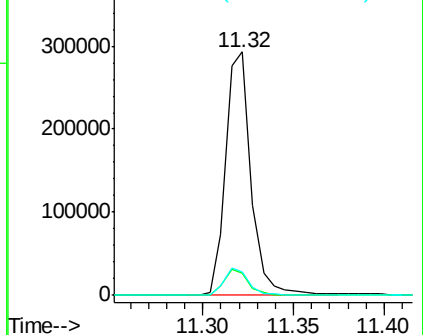
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100015.D
 Acq: 31 Oct 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(5-10)

Tot Ion	188	Ratio	100	Resp	287043
Ion	188	Ratio	100	Lower	Upper
	94	9.2		8.5	12.7
	80	9.7		9.2	13.8

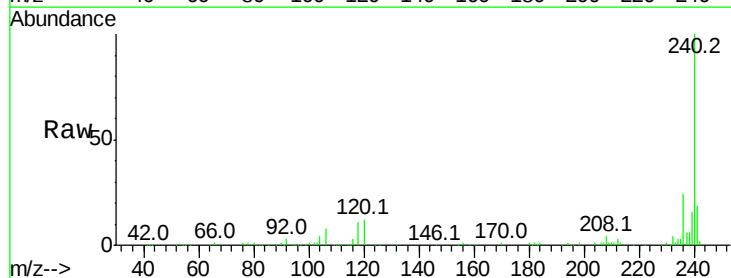


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

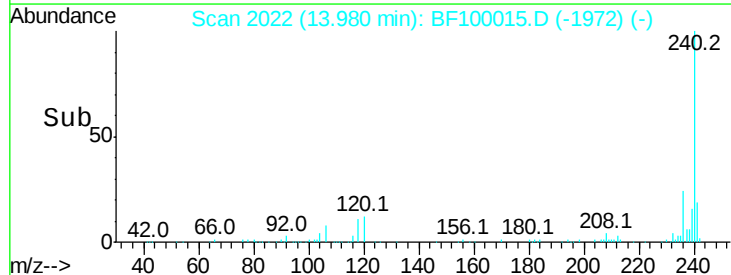
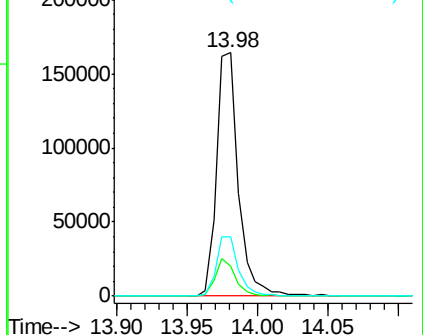


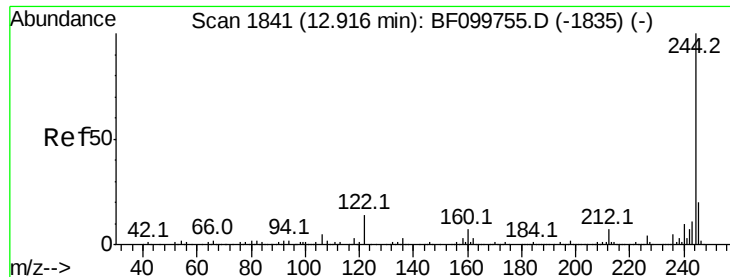
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100015.D
 Acq: 31 Oct 2017 20:34

Tgt Ion	240	Ratio	100	Resp	176454
Ion	240	Ratio	100	Lower	Upper
	120	12.3		9.5	14.3
	236	24.5		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: 71.757 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF100015.D

Acq: 31 Oct 2017 20:34

Instrument :

BNA_F

ClientSampleId :

EPE-M-6(5-10)

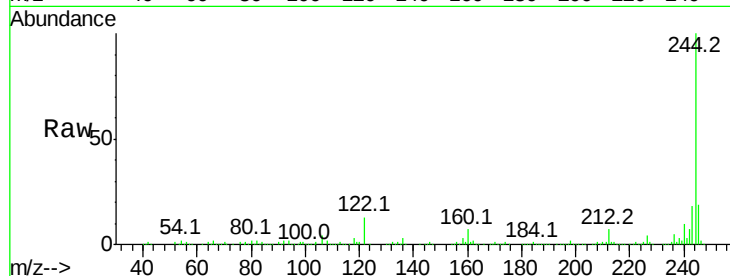
Tot Ion:244 Resp: 579387

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

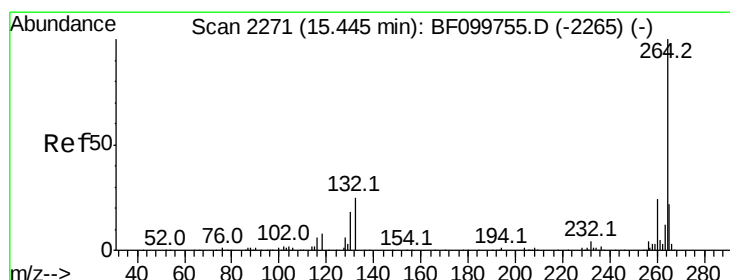
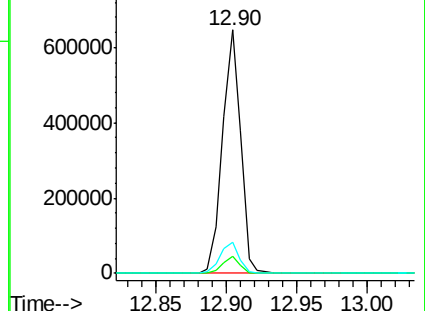
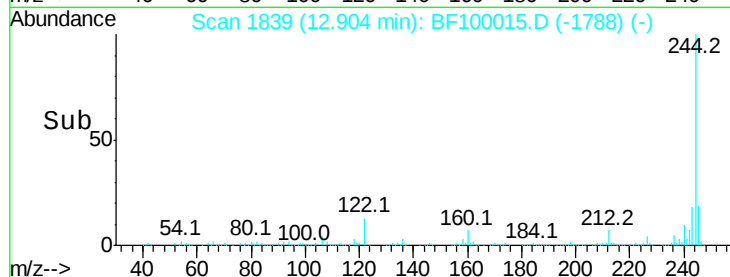
122 13.0 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF100015.D

Acq: 31 Oct 2017 20:34

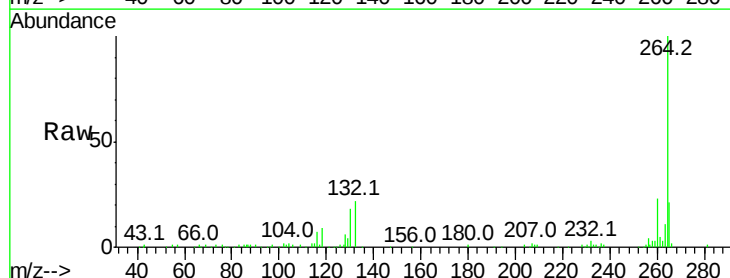
Tgt Ion:264 Resp: 153637

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.4 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

