

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099688.D
 Acq On : 20 Oct 2017 6:38
 Operator : SJ/JU
 Sample : I5927-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIDO-E-D-M

Quant Time: Oct 20 14:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

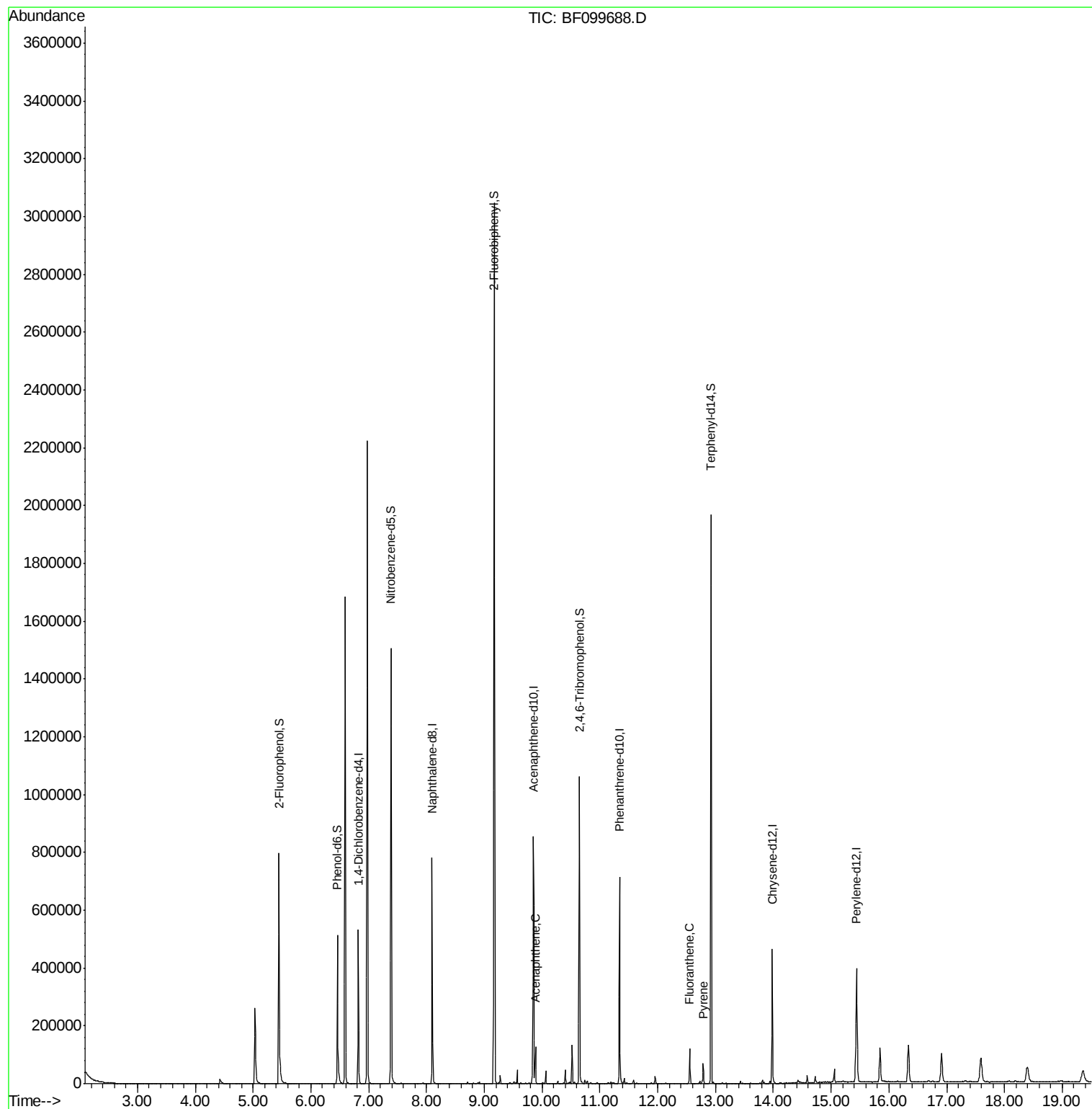
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91554	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	372624	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	161978	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	239069	20.00	ng	0.00
75) Chrysene-d12	13.98	240	156908	20.00	ng	0.00
86) Perylene-d12	15.44	264	169124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	269447	46.85	ng	0.00
7) Phenol-d6	6.46	99	202001	28.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	564315	97.12	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	119896	90.46	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1071244	110.41	ng	0.00
78) Terphenyl-d14	12.92	244	680299	98.60	ng	0.00
Target Compounds						
51) Acenaphthene	9.89	154	27733	2.736	ng	98
74) Fluoranthene	12.56	202	45090	3.480	ng	96
77) Pyrene	12.79	202	28551	2.386	ng	98

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

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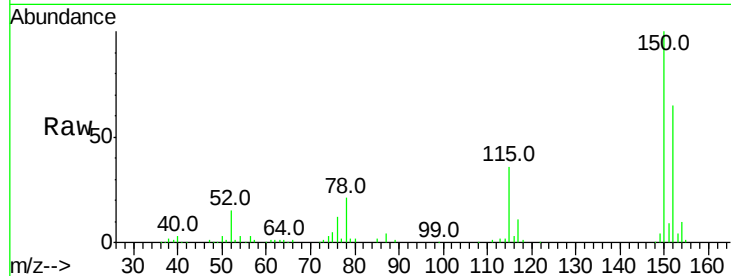


#1

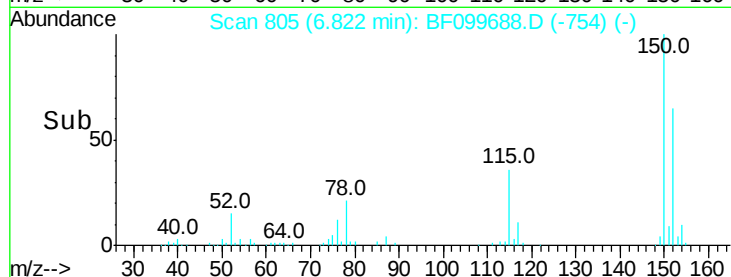
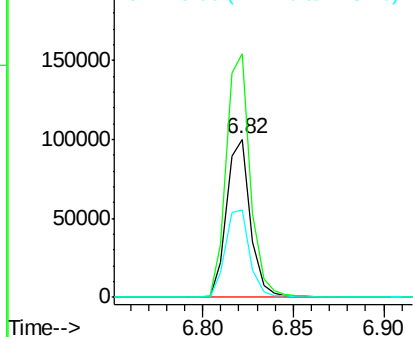
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIDO-E-D-M

Tot Ion:152 Resp: 91554
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 55.4 50.1 75.1



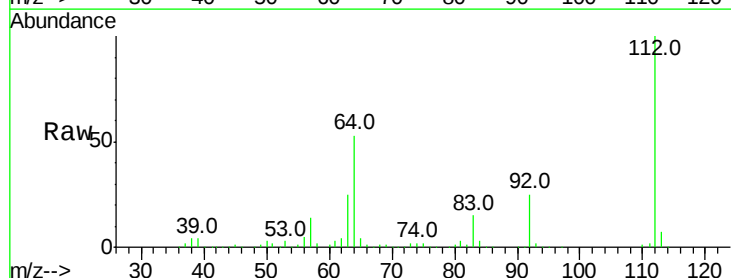
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



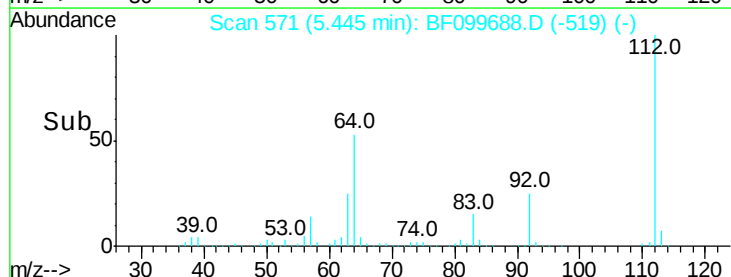
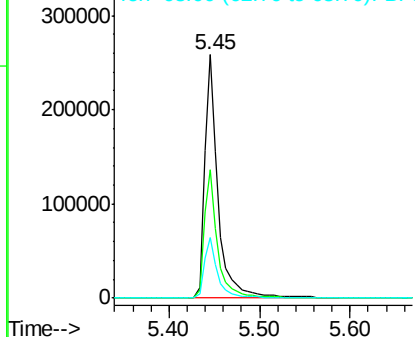
#5

2-Fluorophenol
 Concen: 46.850 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Tgt Ion:112 Resp: 269447
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 25.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.472 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099688.D

Acq: 20 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

101317-TIDO-E-D-M

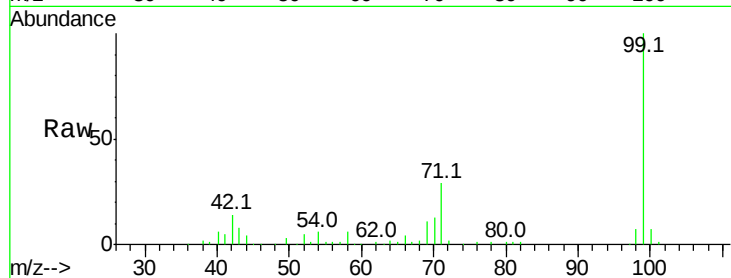
Tot Ion: 99 Resp: 202001

Ion Ratio Lower Upper

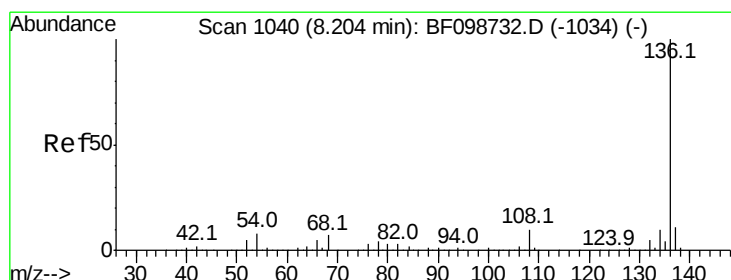
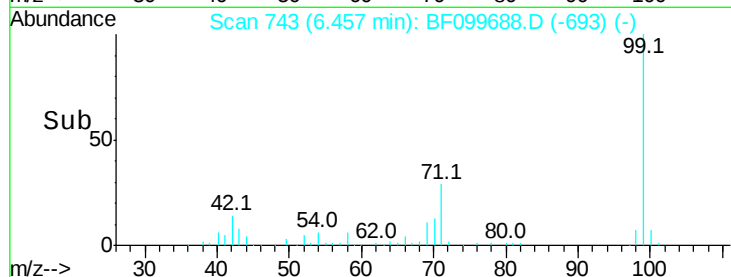
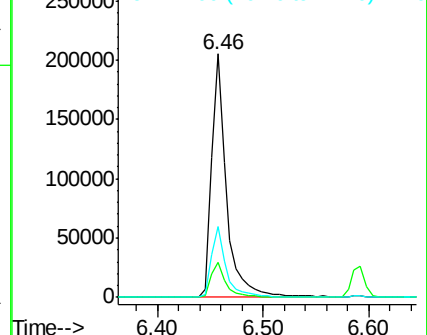
99 100

42 14.3 14.5 21.7#

71 28.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099688.D

Acq: 20 Oct 2017 6:38

Tgt Ion: 136 Resp: 372624

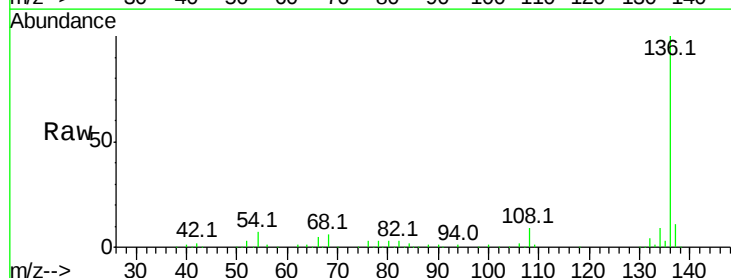
Ion Ratio Lower Upper

136 100

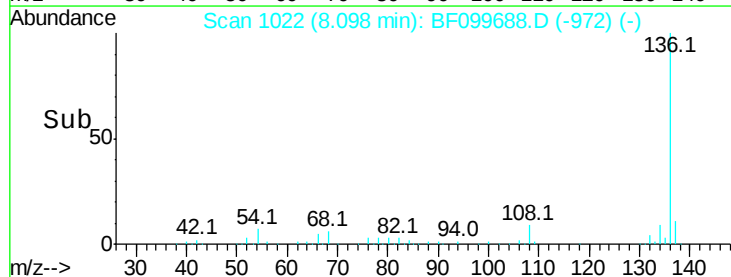
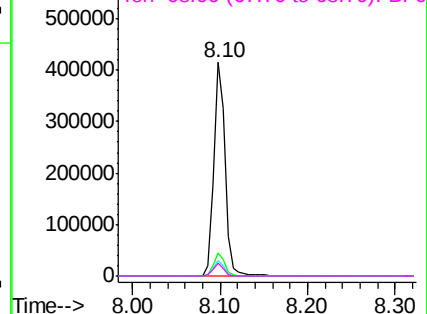
137 11.0 8.9 13.3

54 7.0 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): BF0
Ion 68.00 (67.70 to 68.70): BF0

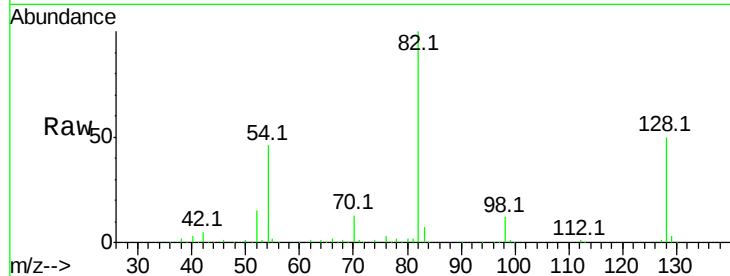




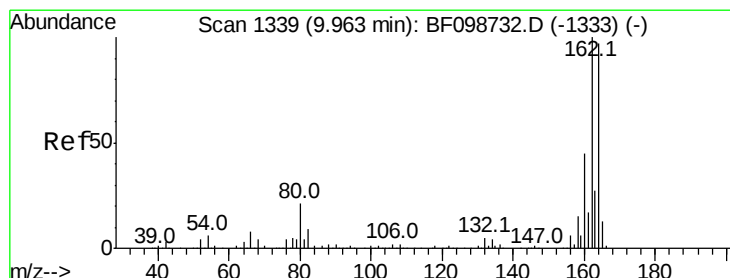
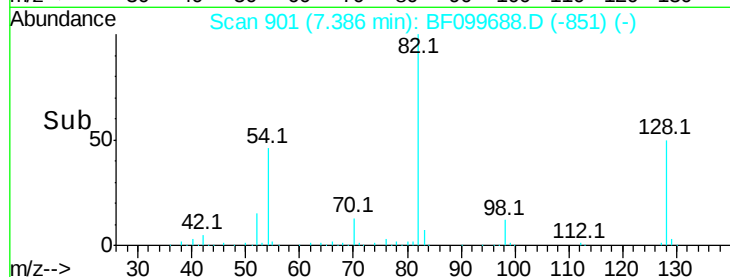
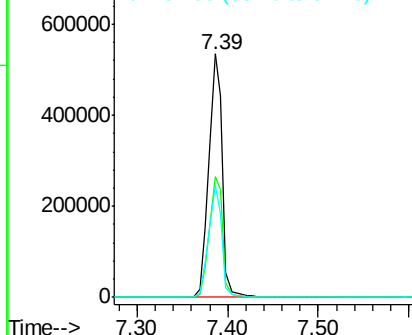
#23
 Nitrobenzene-d5
 Concen: 97.121 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIDO-E-D-M

Tot Ion: 82 Resp: 564315
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 46.1 41.4 62.2

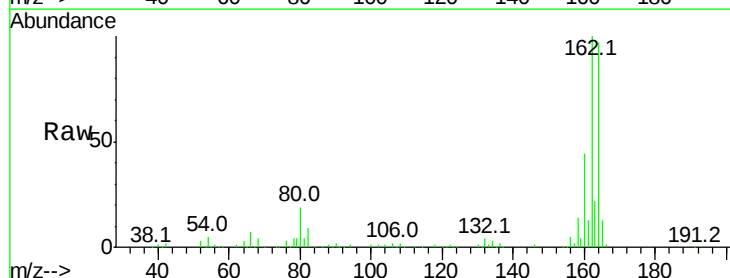


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

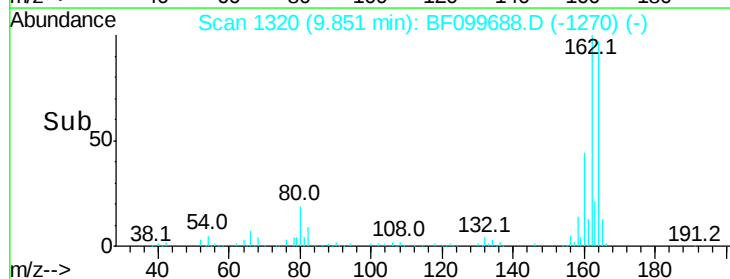
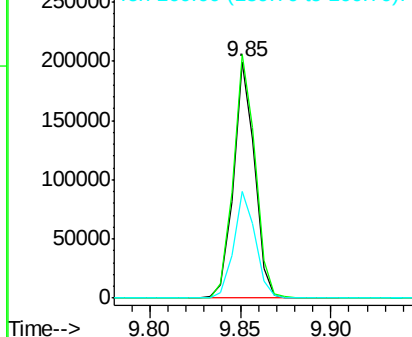


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Tgt Ion: 164 Resp: 161978
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 45.3 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

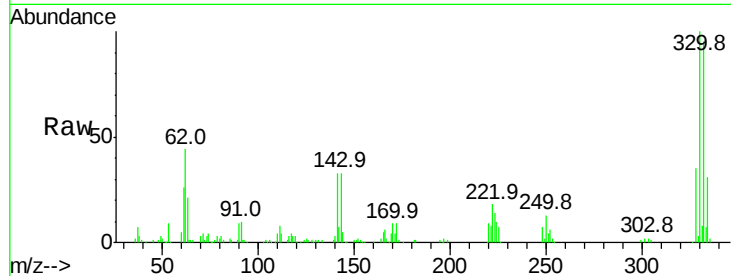




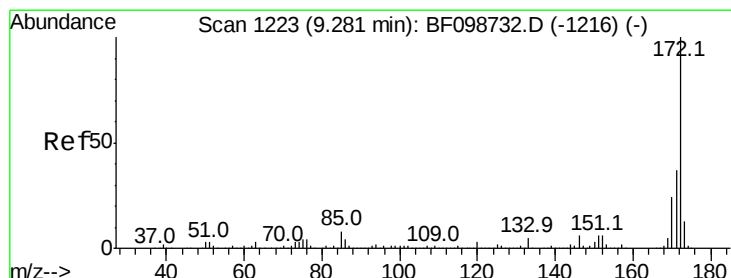
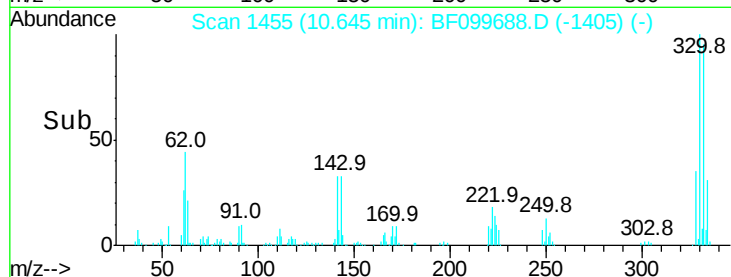
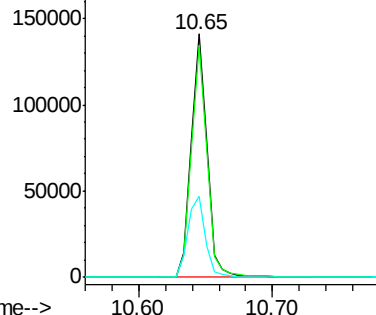
#41
 2,4,6-Tribromophenol
 Concen: 90.459 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIDO-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.7	29.9	44.9

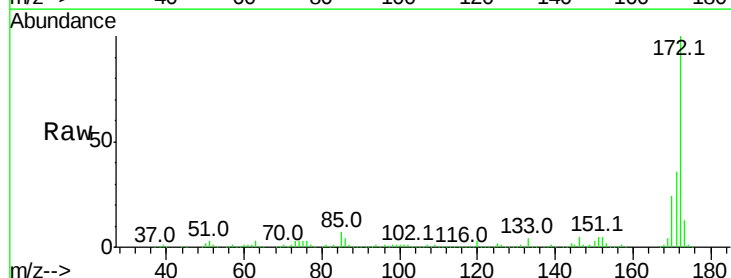


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

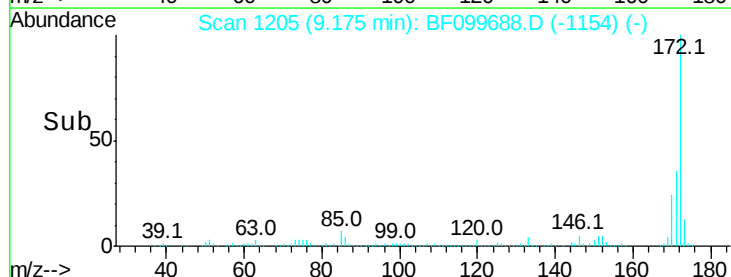
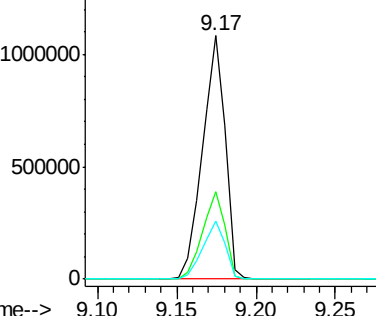


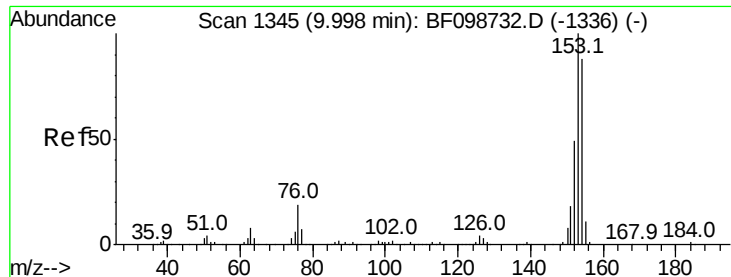
#44
 2-Fluorobiphenyl
 Concen: 110.407 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	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





#51

Acenaphthene

Concen: 2.736 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099688.D

Acq: 20 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

101317-TIDO-E-D-M

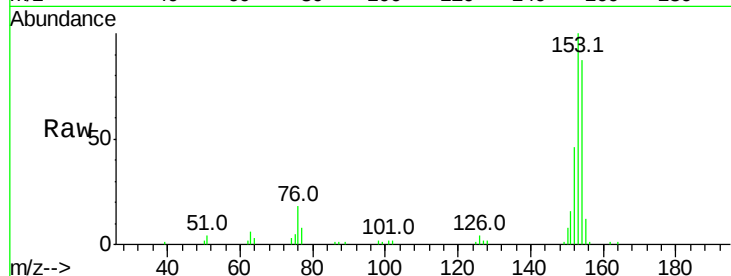
Tot Ion:154 Resp: 27733

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

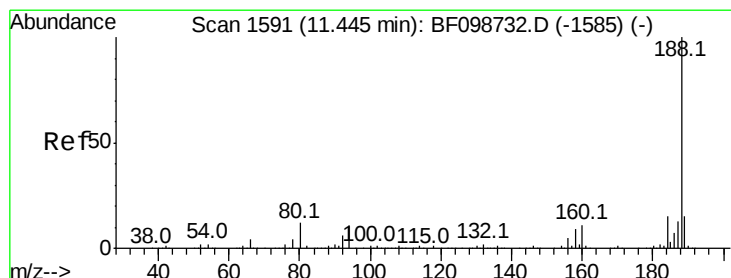
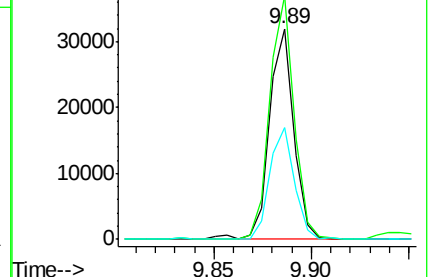
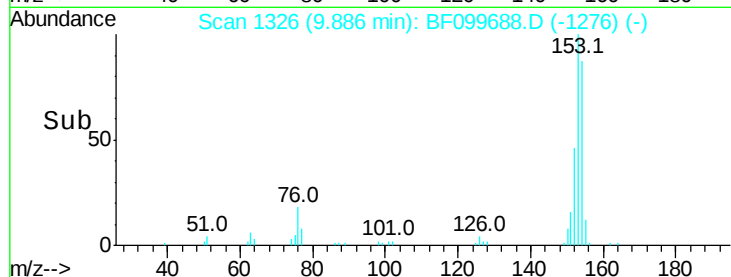
152 53.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099688.D

Acq: 20 Oct 2017 6:38

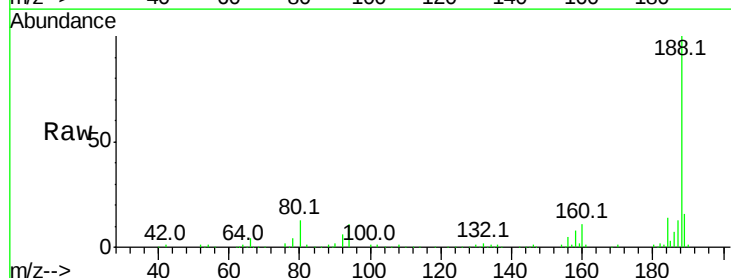
Tgt Ion:188 Resp: 239069

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

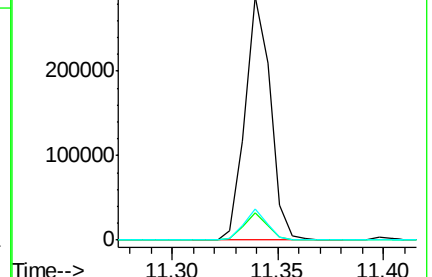
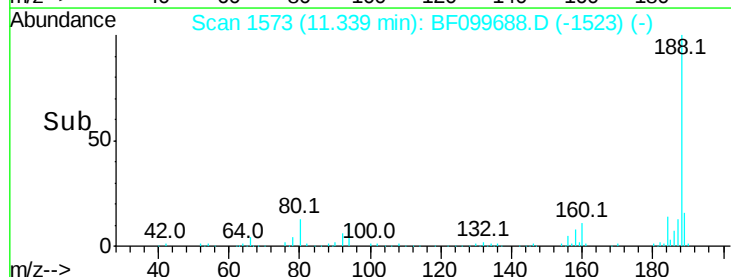
80 12.6 9.2 13.8

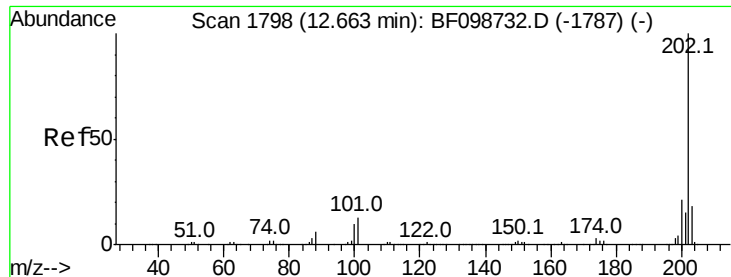


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

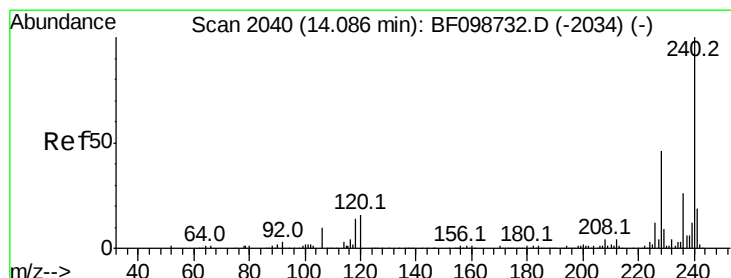
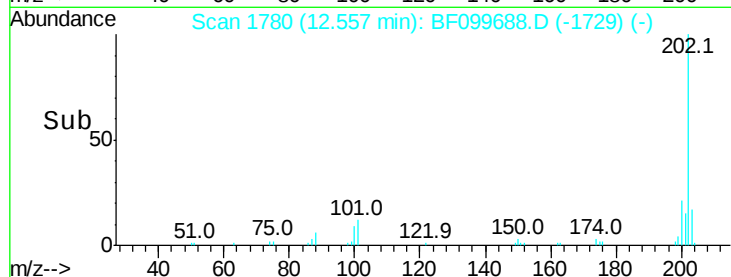
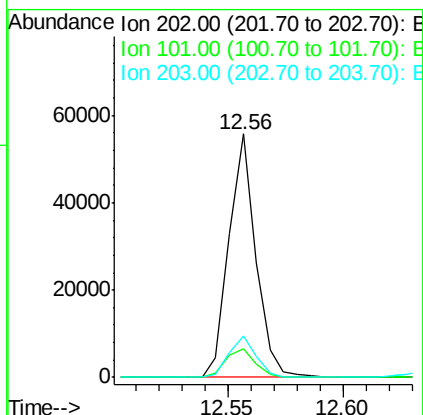
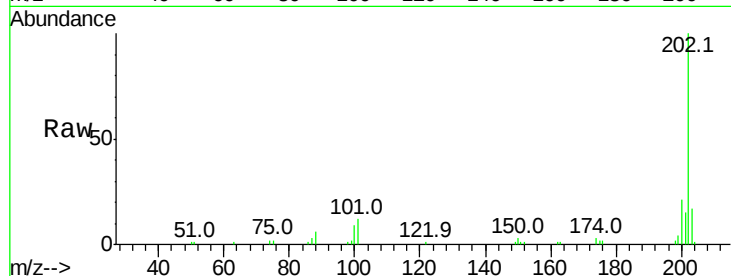




#74
Fluoranthene
 Concen: 3.480 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

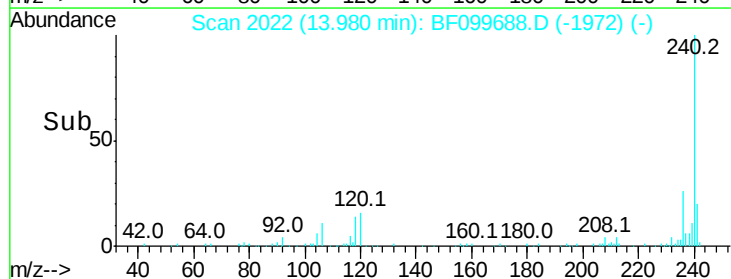
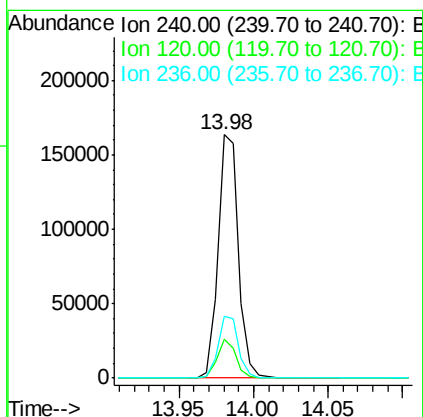
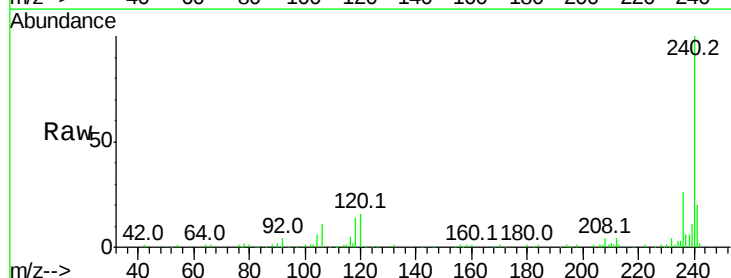
Instrument :
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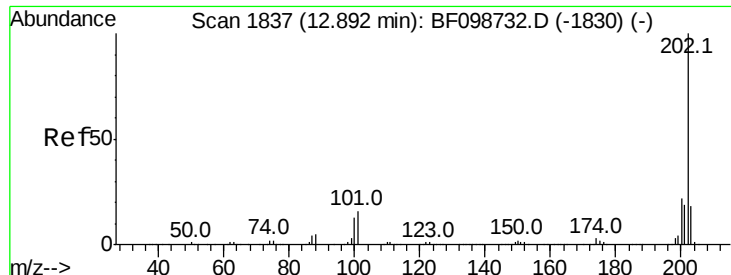
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	16.8	0.0	38.1



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.7	20.7	31.1

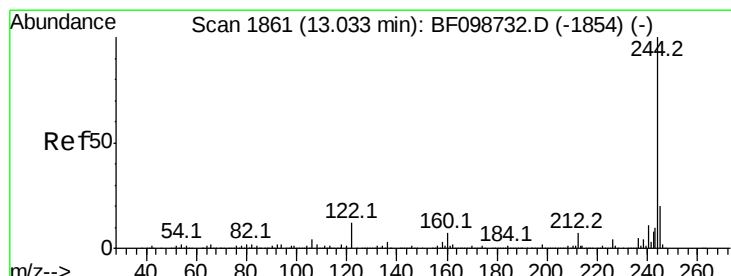
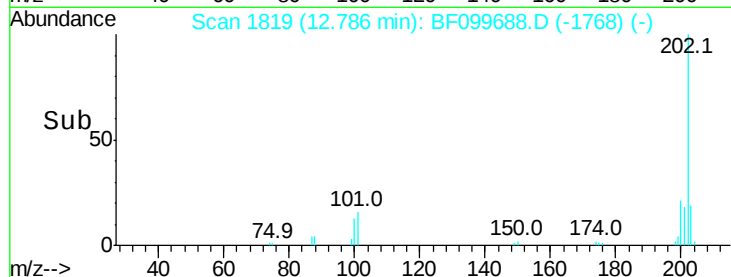
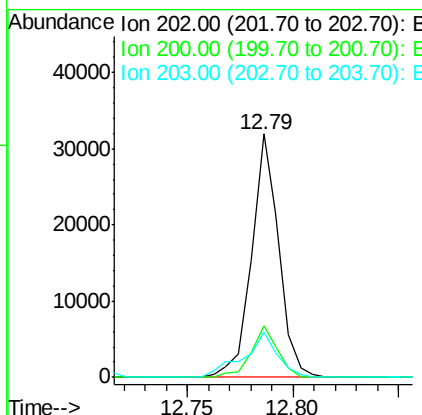
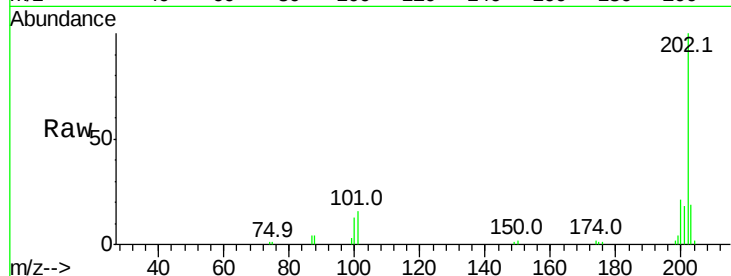




#77
Pvrene
Concen: 2.386 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF099688.D
Acq: 20 Oct 2017 6:38

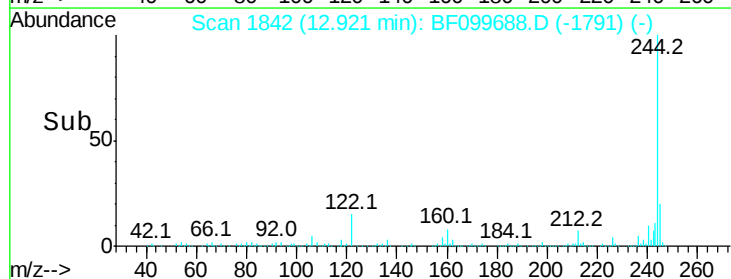
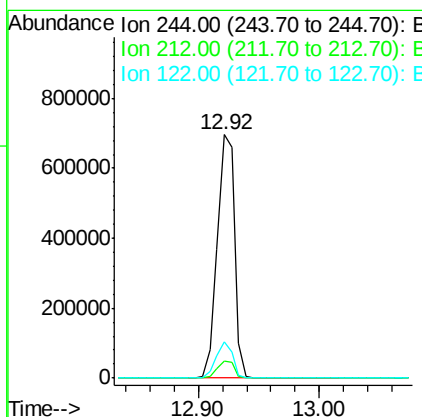
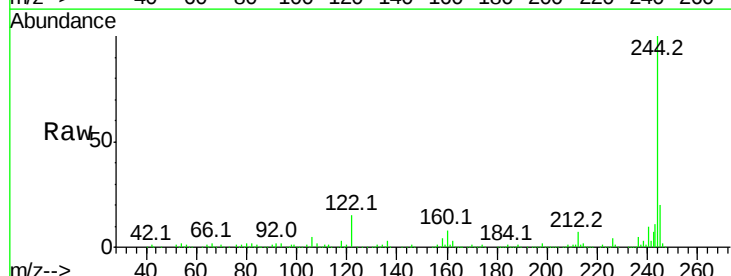
Instrument :
BNA_F
ClientSampleId :
101317-TIDO-E-D-M

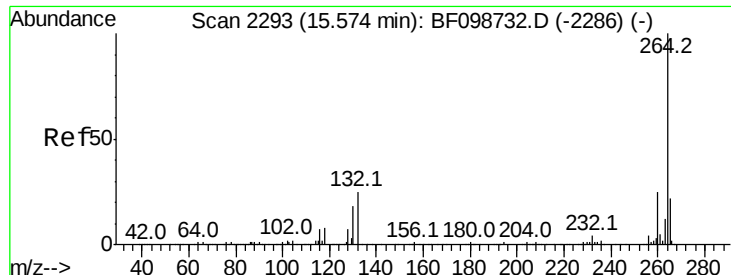
Tot Ion:202 Resp: 28551
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.8 14.3 21.5



#78
Terphenyl-d14
Concen: 98.602 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF099688.D
Acq: 20 Oct 2017 6:38

Tgt Ion:244 Resp: 680299
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.7 11.0 16.4

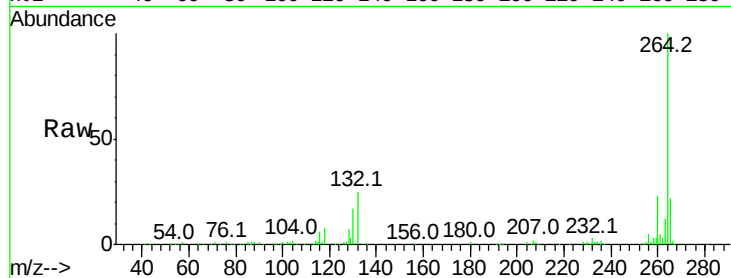




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF099688.D
 Acq: 20 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :
 101317-TIDO-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	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

