

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082129.D
 Acq On : 8 Oct 2015 16:03
 Operator : UM/IZ
 Sample : G3956-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-QMT-WASTE-RAGS

Quant Time: Oct 09 05:46:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

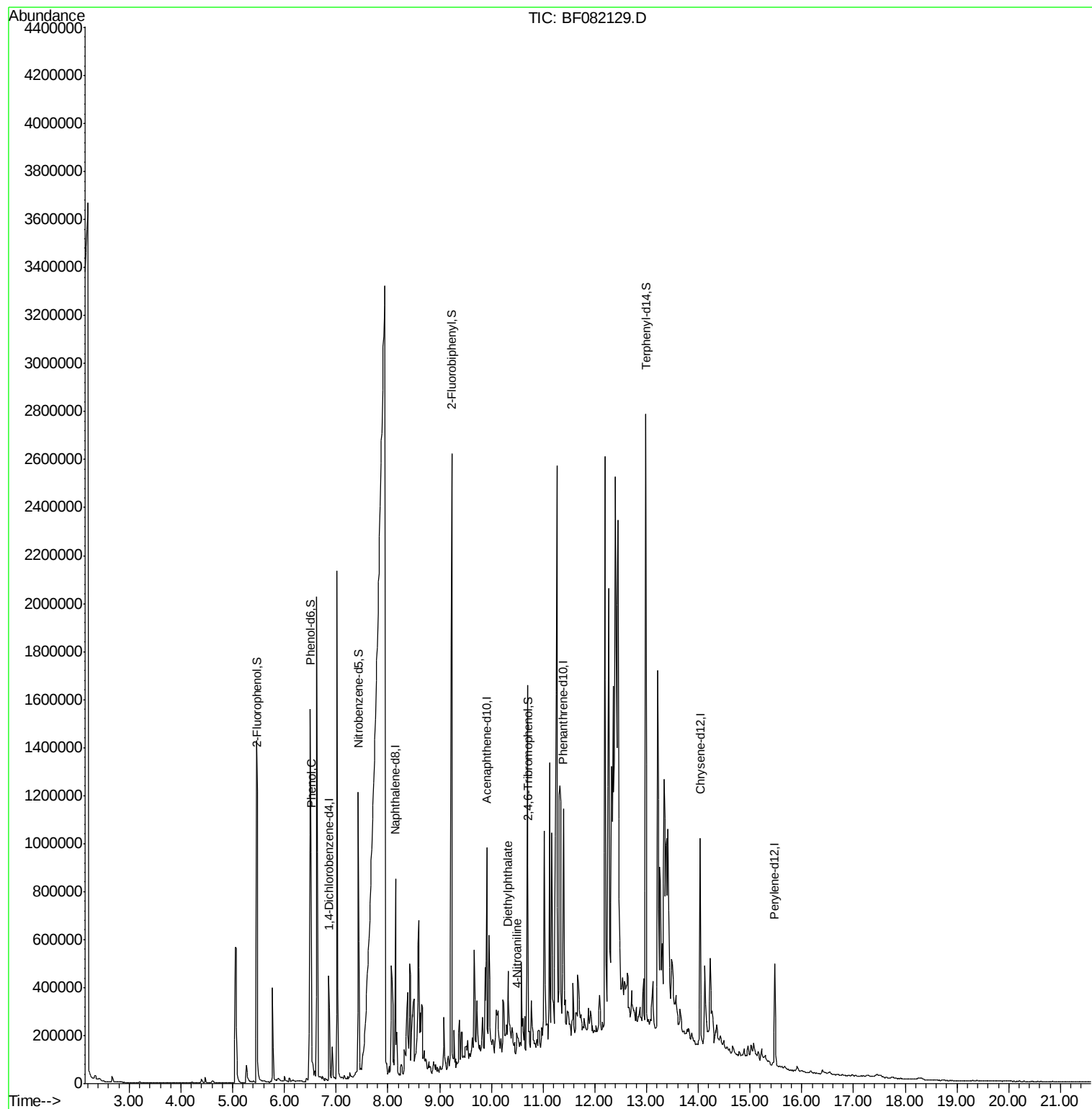
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85990	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	352745	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	177573	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	337773	20.00	ng	0.00
75) Chrysene-d12	14.04	240	319434	20.00	ng	-0.01
86) Perylene-d12	15.48	264	221250	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	611049	129.00	ng	0.02
7) Phenol-d6	6.50	99	706725	118.57	ng	0.01
23) Nitrobenzene-d5	7.43	82	518425	97.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	253916	141.19	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1112533	111.48	ng	0.00
78) Terphenyl-d14	12.98	244	1040269	117.07	ng	0.00
Target Compounds						
10) Phenol	6.51	94	280365	41.93	ng	Qvalue 75
59) Diethylphthalate	10.32	149	28670	2.50	ng	95
61) 4-Nitroaniline	10.49	138	15029	4.87	ng	# 60

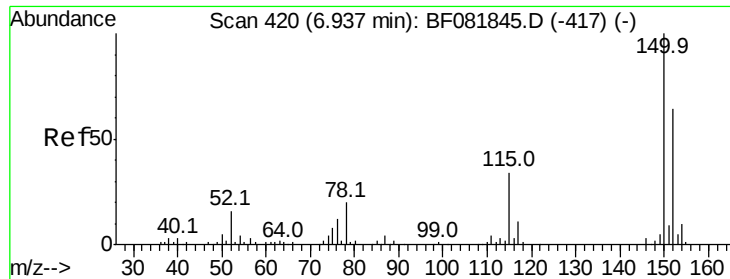
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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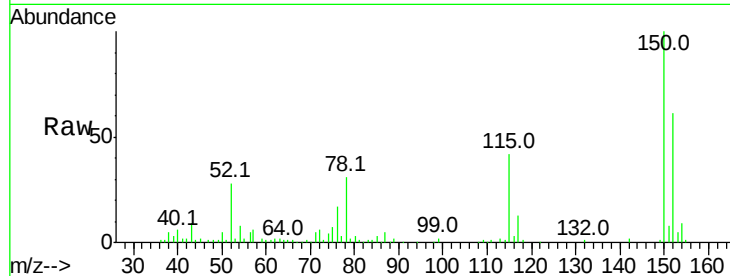


#1

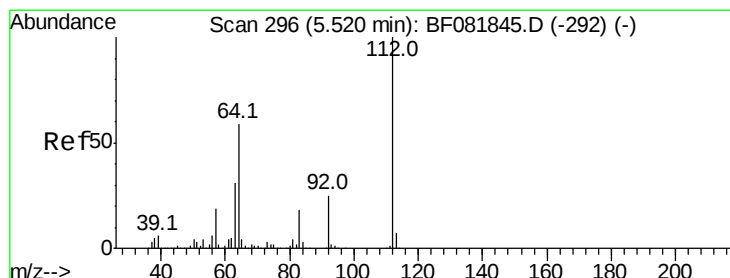
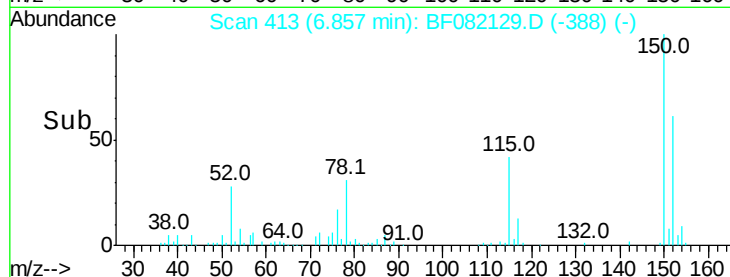
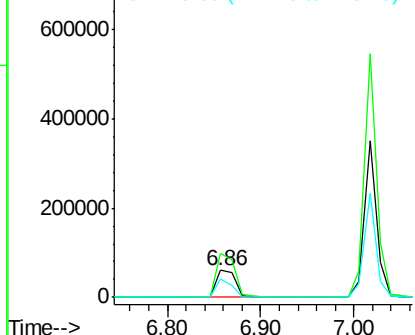
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tot Ion:152 Resp: 85990
Ion Ratio Lower Upper
152 100
150 164.4 124.7 187.1
115 69.0 39.0 58.4#



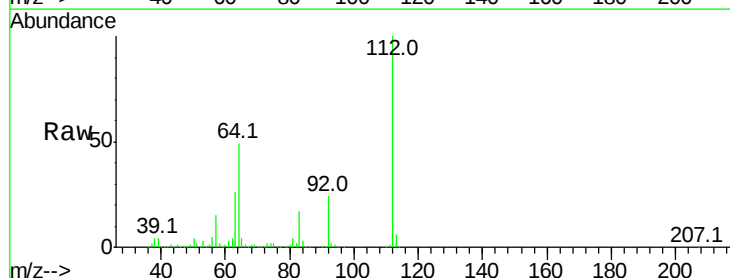
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



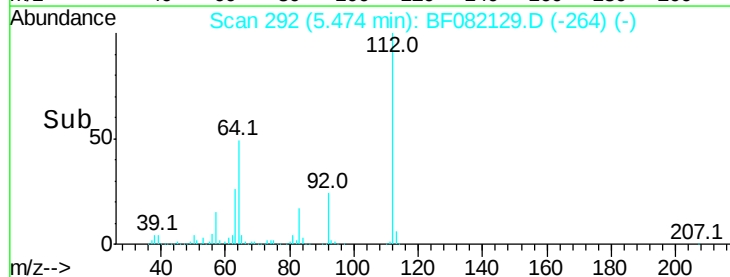
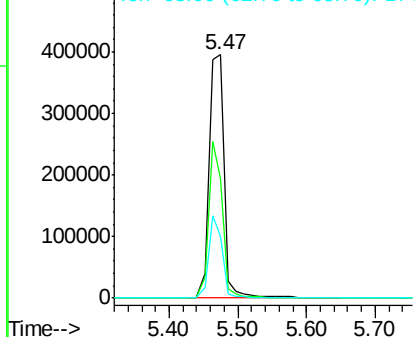
#5

2-Fluorophenol
Concen: 129.00 ng
RT: 5.47 min Scan# 292
Delta R.T. 0.02 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:112 Resp: 611049
Ion Ratio Lower Upper
112 100
64 49.1 39.7 59.5
63 25.6 17.4 26.0



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: 118.57 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

TBTA-QMT-WASTE-RAGS

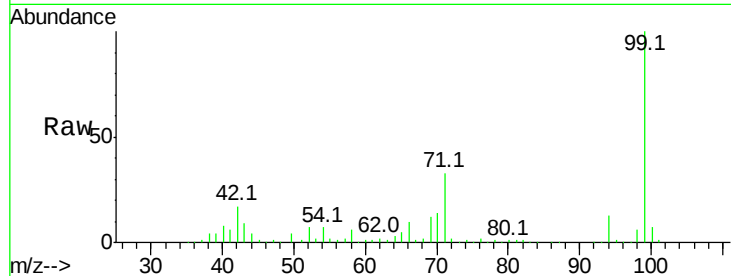
Tot Ion: 99 Resp: 706725

Ion Ratio Lower Upper

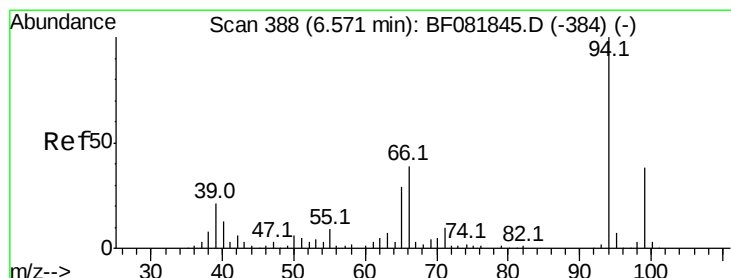
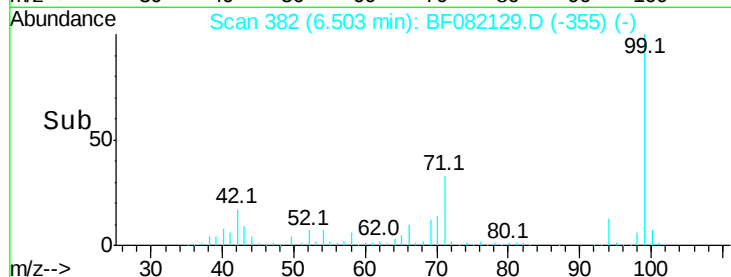
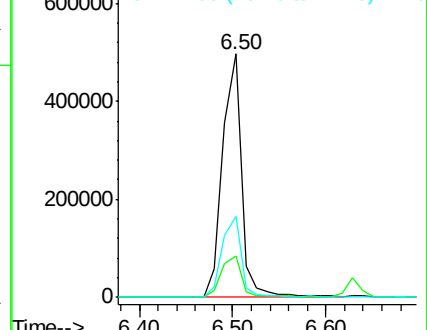
99 100

42 17.2 13.7 20.5

71 33.2 14.2 21.2#



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



#10

Phenol

Concen: 41.93 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

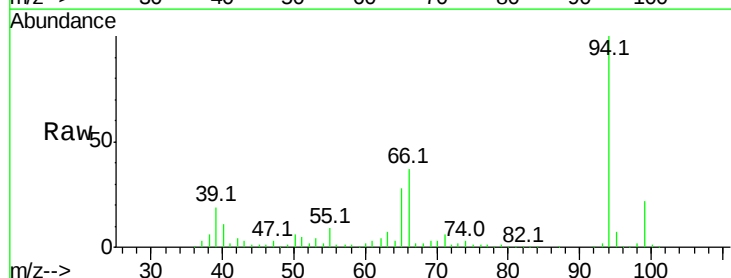
Tgt Ion: 94 Resp: 280365

Ion Ratio Lower Upper

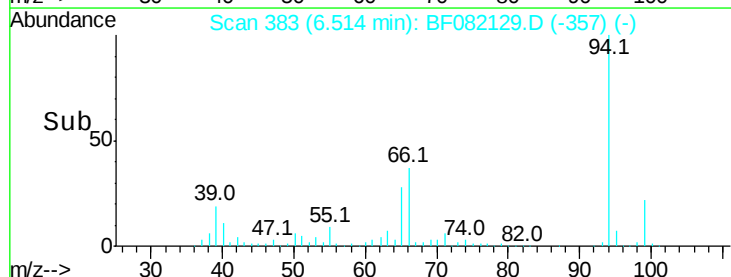
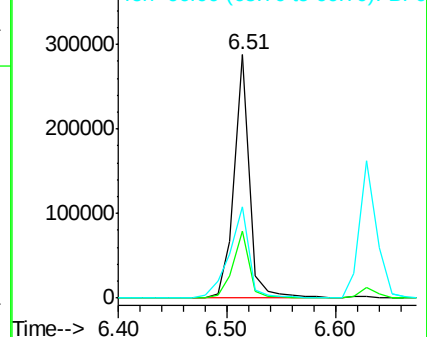
94 100

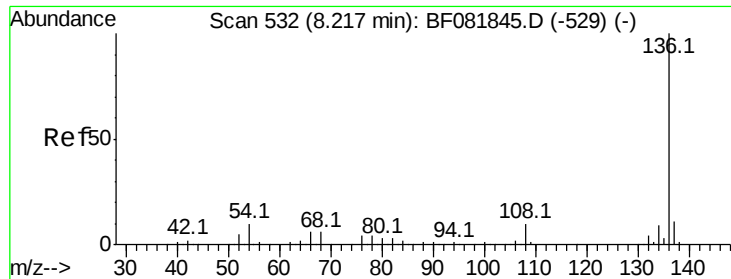
65 27.7 0.7 40.7

66 37.4 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

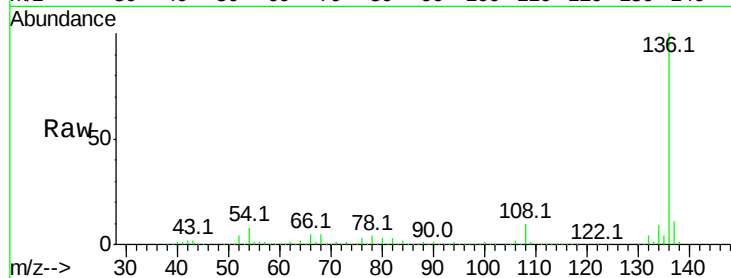




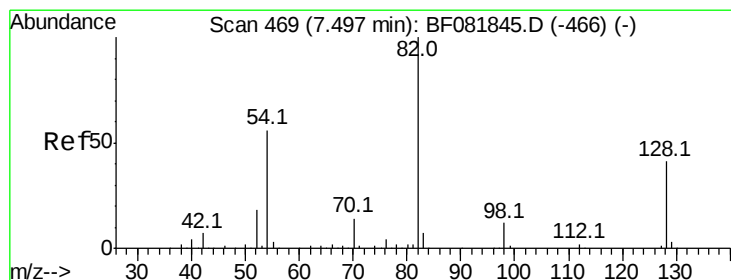
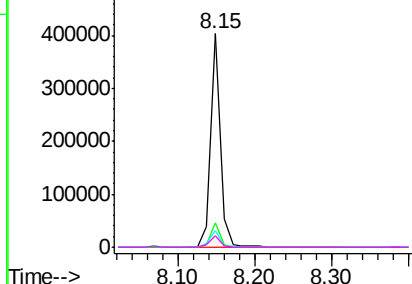
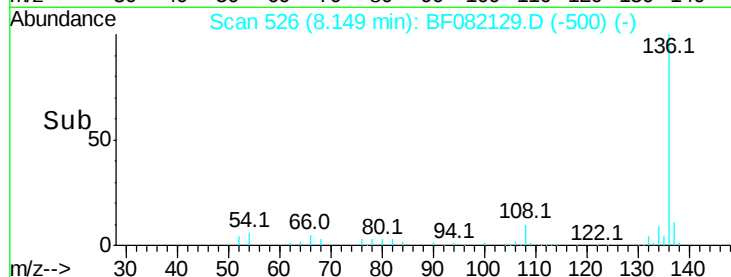
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tot Ion:	136	Resp:	352745
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.0	8.2	12.2#
68	5.2	5.8	8.6#

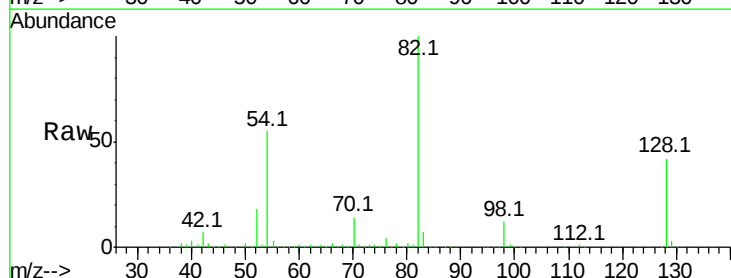


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

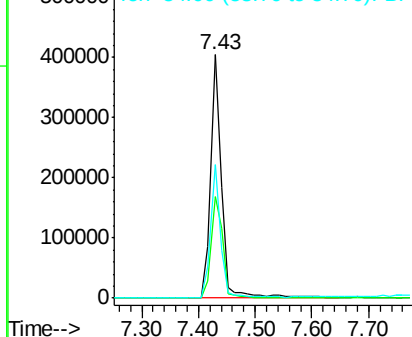
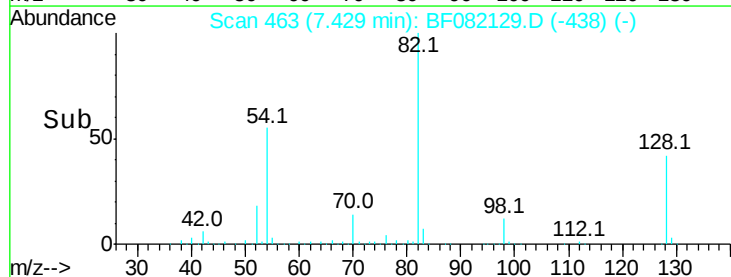


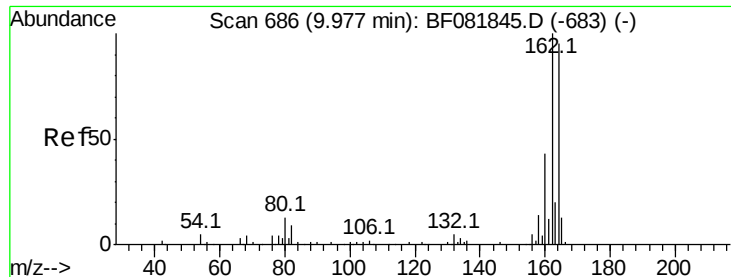
#23
Nitrobenzene-d5
Concen: 97.97 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:	82	Resp:	518425
Ion	Ratio	Lower	Upper
82	100		
128	41.6	51.0	76.6#
54	54.8	47.5	71.3



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: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

TBTA-QMT-WASTE-RAGS

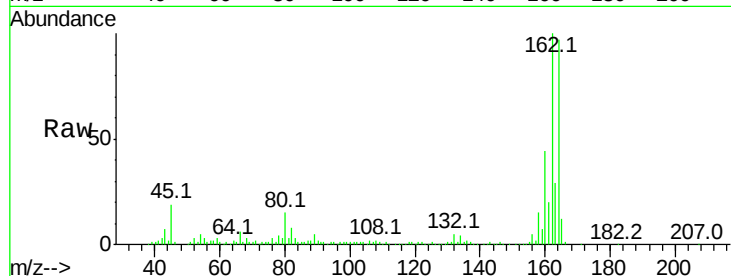
Tot Ion:164 Resp: 177573

Ion Ratio Lower Upper

164 100

162 102.8 75.2 112.8

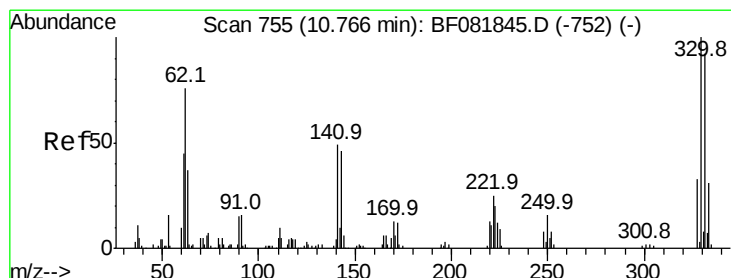
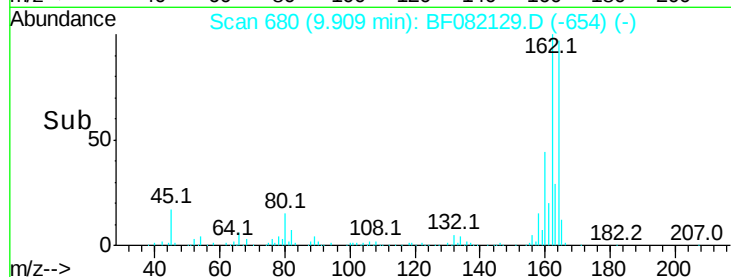
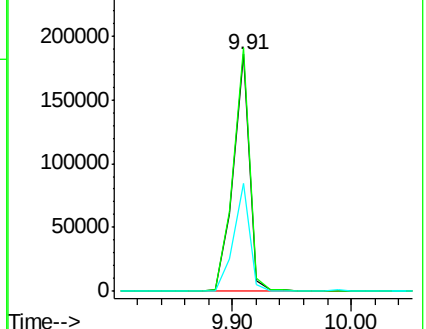
160 45.7 31.5 47.3



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: 141.19 ng

RT: 10.71 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

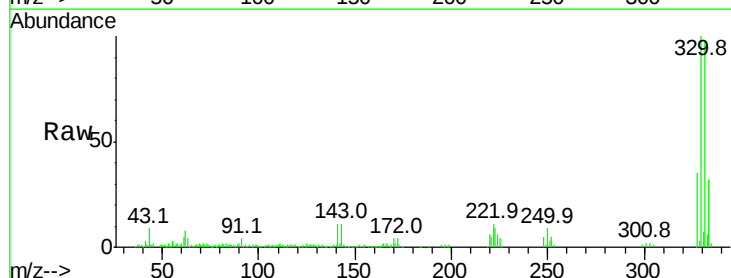
Tgt Ion:330 Resp: 253916

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

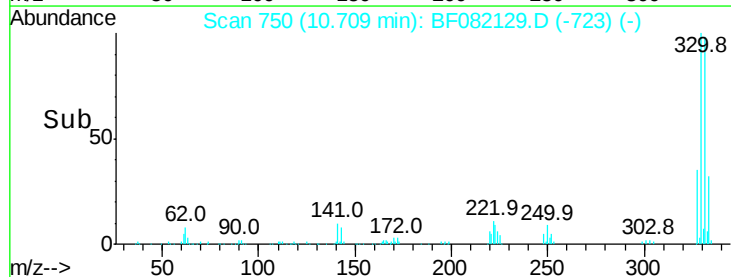
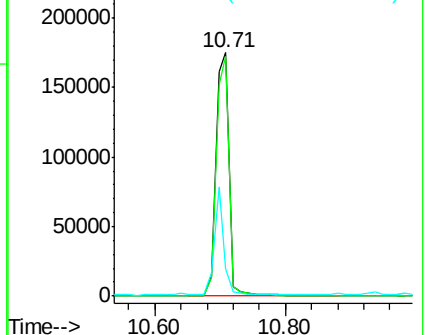
141 30.8 29.7 44.5

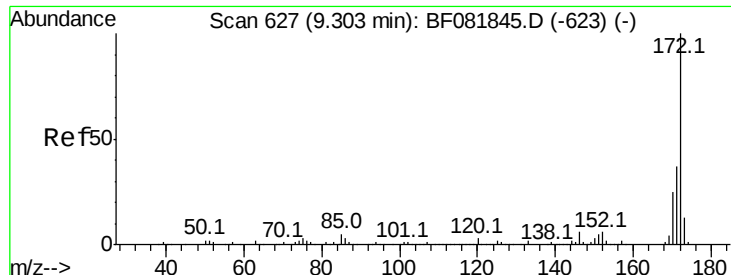


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

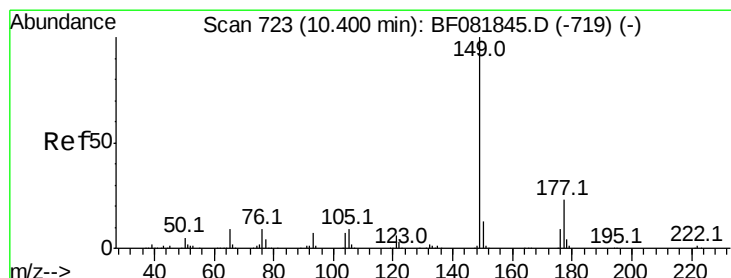
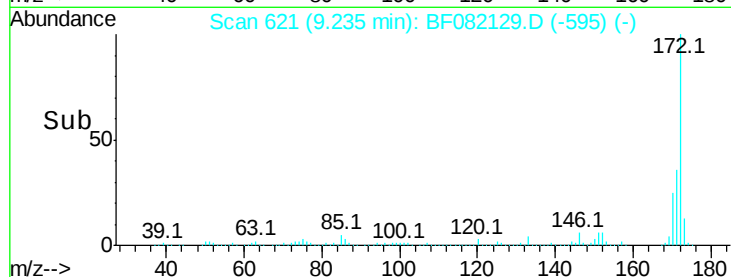
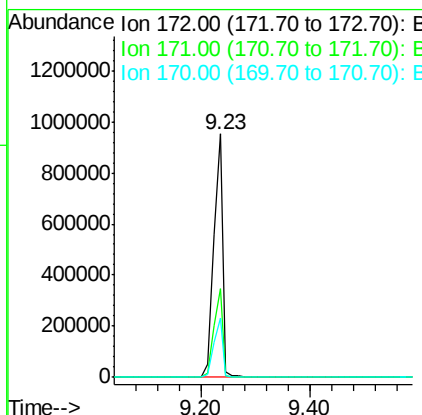
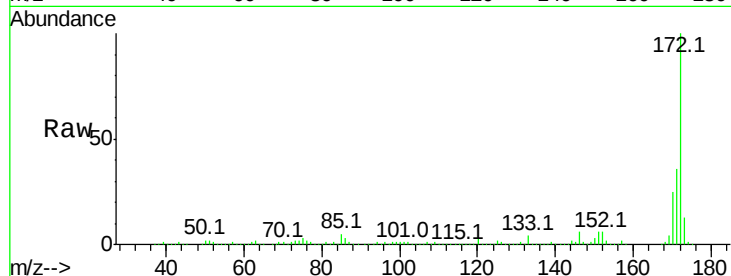




#44
 2-Fluorobiphenyl
 Concen: 111.48 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

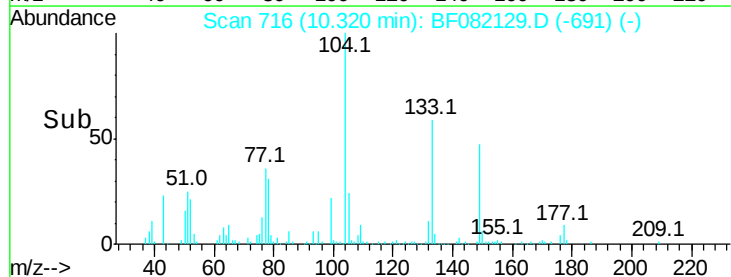
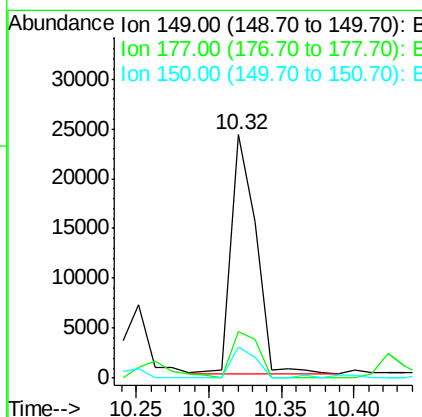
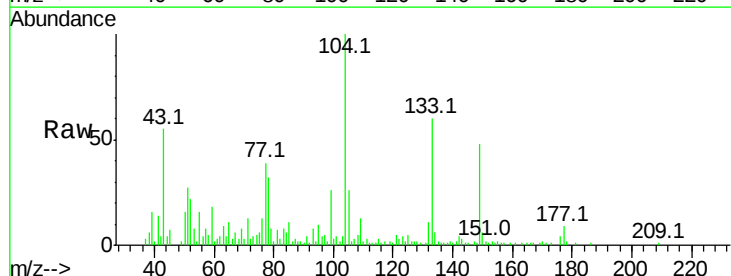
Instrument :
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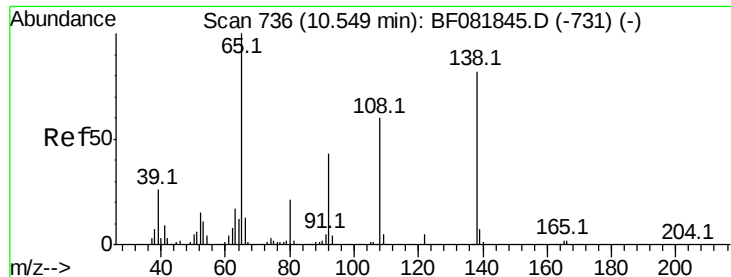
Tot Ion:172 Resp: 1112533
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.5 17.4 26.2



#59
 Diethylphthalate
 Concen: 2.50 ng
 RT: 10.32 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

Tgt Ion:149 Resp: 28670
 Ion Ratio Lower Upper
 149 100
 177 18.9 17.5 26.3
 150 12.8 9.4 14.2

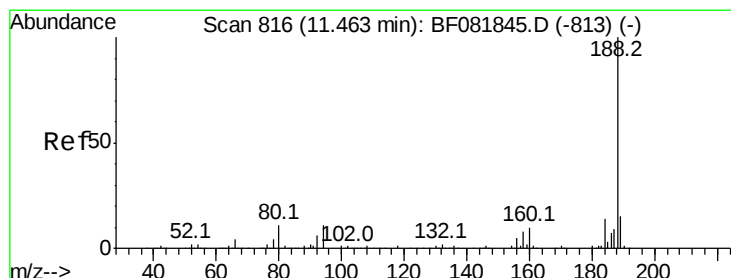
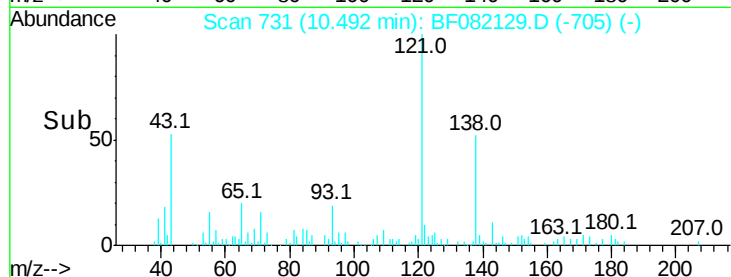
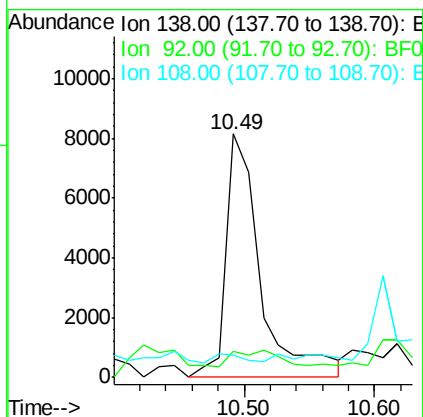
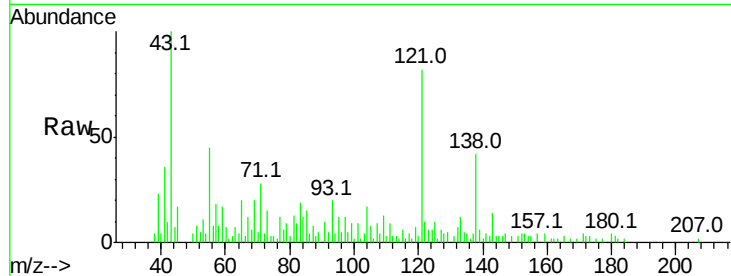




#61
4-Nitroaniline
Concen: 4.87 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

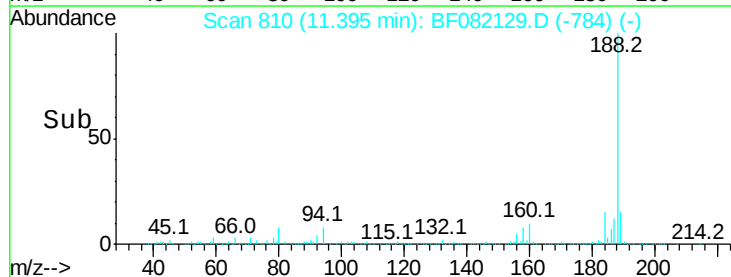
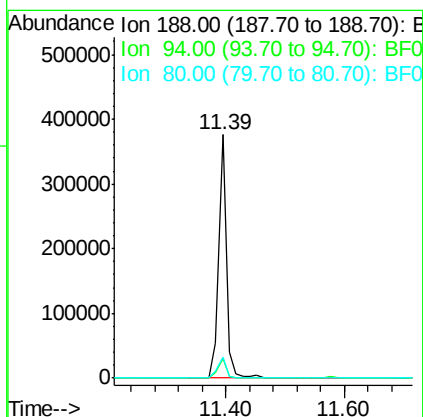
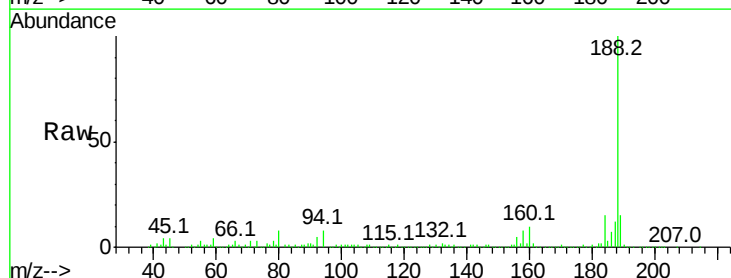
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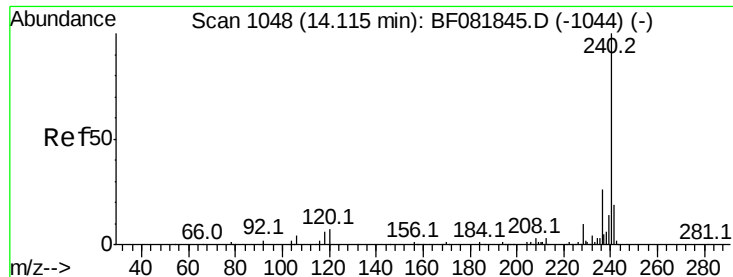
Tot Ion:138 Resp: 15029
Ion Ratio Lower Upper
138 100
92 10.6 12.6 52.6#
108 9.0 12.4 52.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:188 Resp: 337773
Ion Ratio Lower Upper
188 100
94 7.9 11.1 16.7#
80 8.5 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

TBTA-QMT-WASTE-RAGS

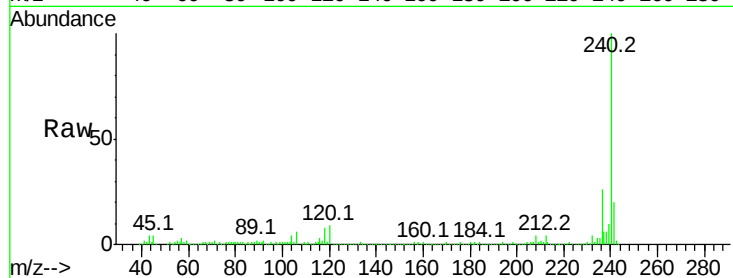
Tot Ion:240 Resp: 319434

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

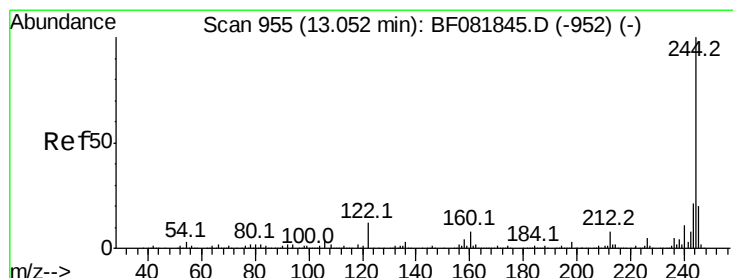
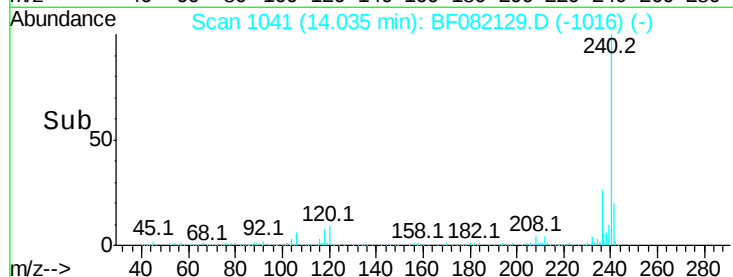
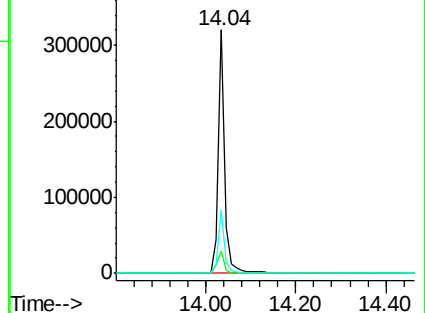
236 26.1 18.4 27.6



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: 117.07 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

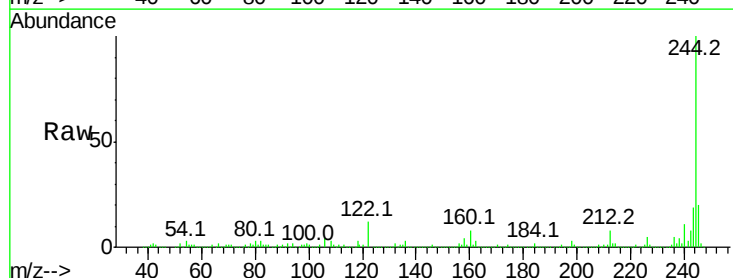
Tgt Ion:244 Resp: 1040269

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

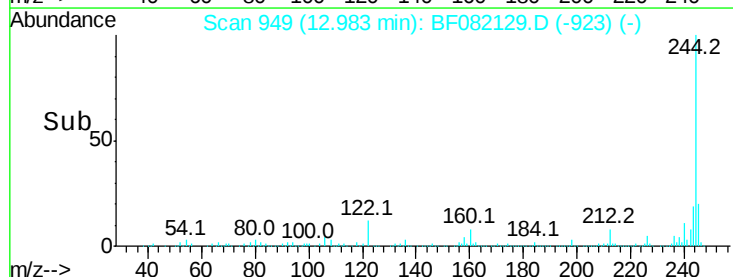
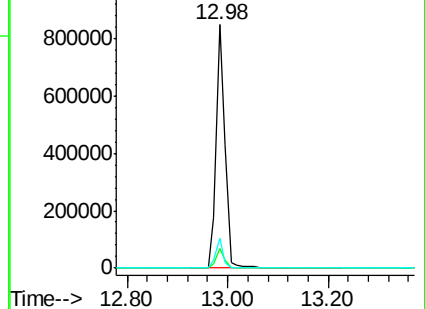
122 12.2 17.4 26.2#

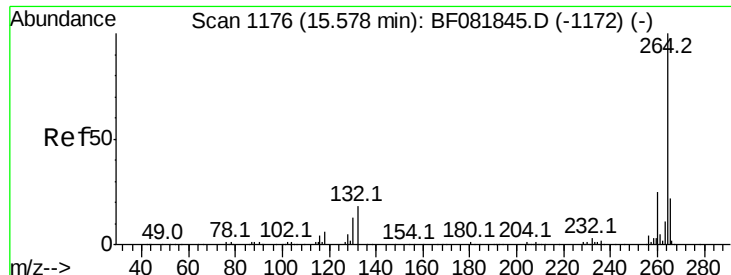


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

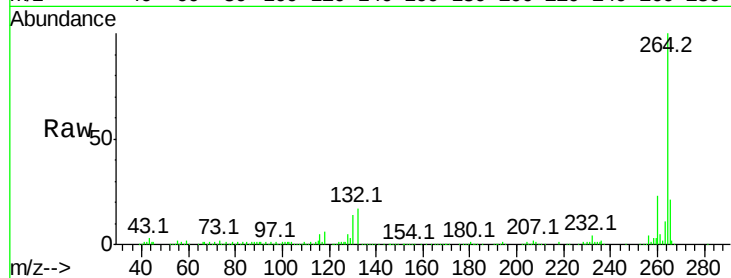




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-QMT-WASTE-RAGS

Tot Ion:264 Resp: 221250
 Ion Ratio Lower Upper
 264 100
 260 23.2 16.7 25.1
 265 21.1 17.2 25.8



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

