

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 05:08:21 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

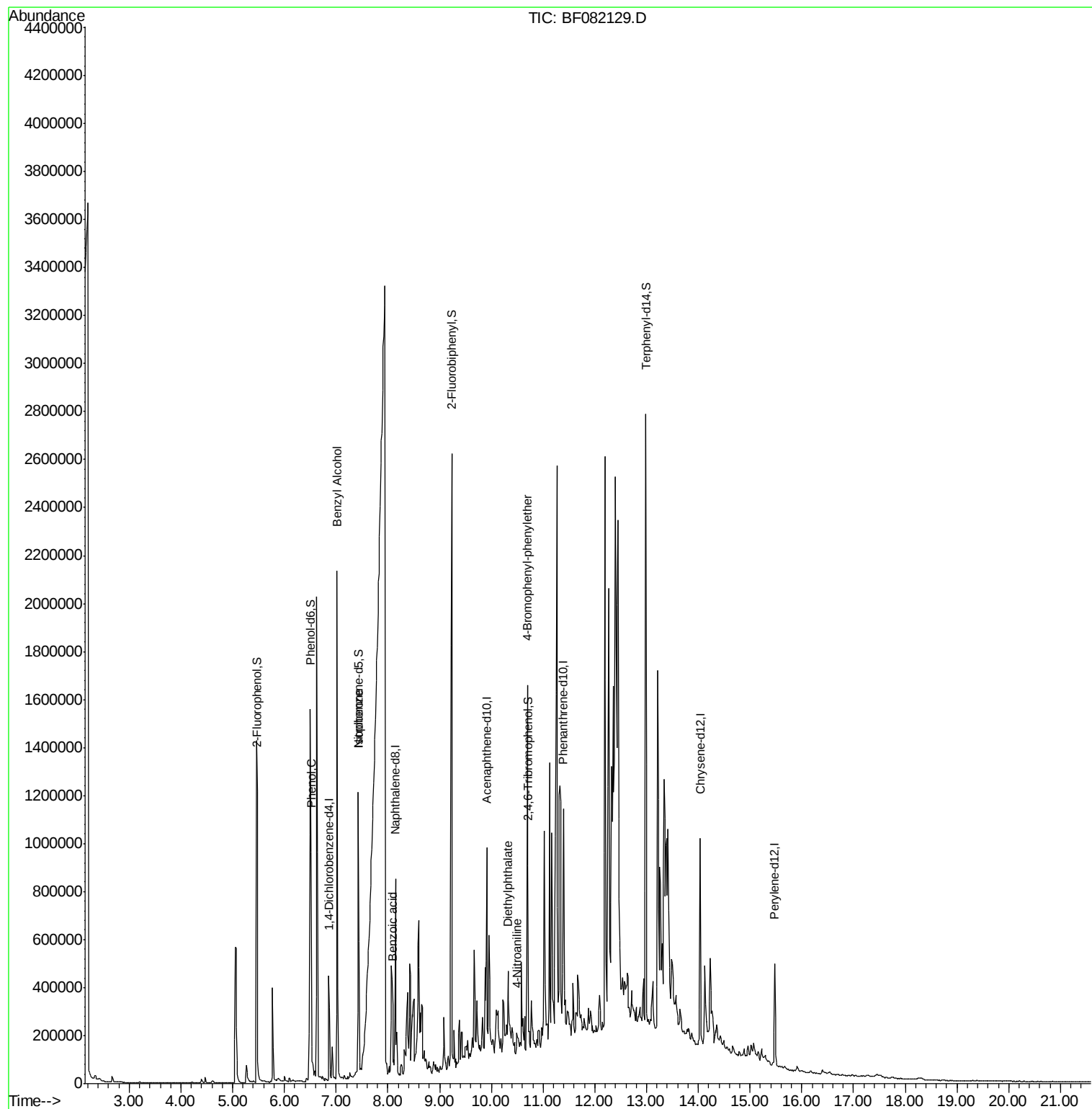
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.51	94	280365	41.93	ng	75
15) Benzyl Alcohol	7.02	79	13087	3.04	ng	# 38
25) Isophorone	7.43	82	442567	42.20	ng	# 59
32) Benzoic acid	8.09	122	66323	26.70	ng	# 80
57) Fluorene	10.42	166	416	Below Cal	#	1
59) Diethylphthalate	10.32	149	28670	2.50	ng	95
61) 4-Nitroaniline	10.49	138	15029	4.87	ng	# 60
66) 4-Bromophenyl-phenylether	10.70	248	15823	4.65	ng	# 1
70) Phenanthrene	11.42	178	1467	Below Cal	#	25
73) Di-n-butylphthalate	11.95	149	8595	Below Cal	#	81

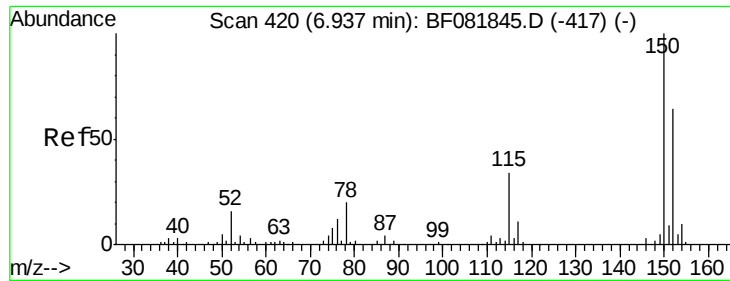
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

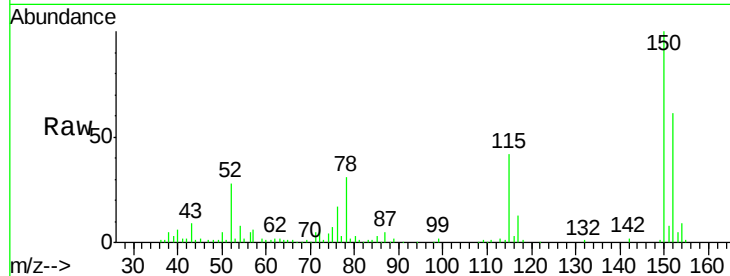
Tot Ion:152 Resp: 85990

Ion Ratio Lower Upper

152 100

150 164.4 124.7 187.1

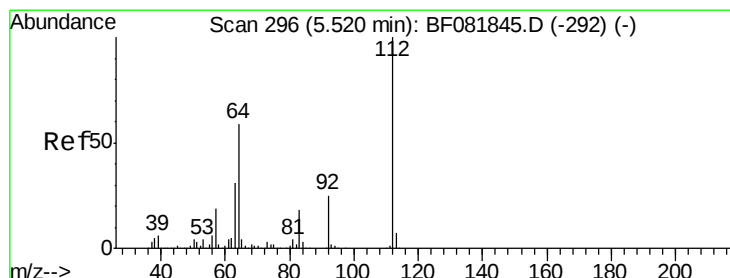
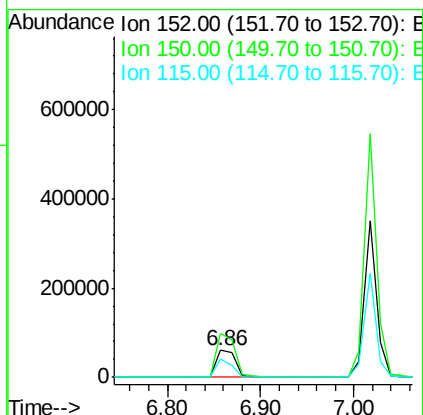
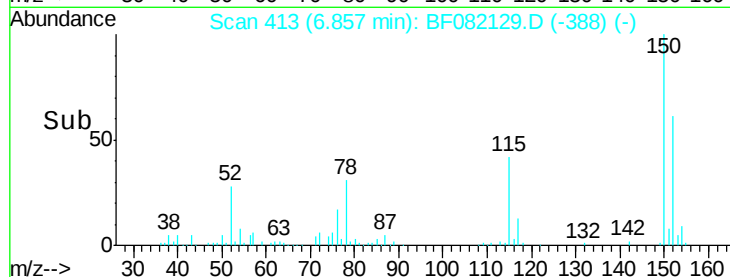
115 69.0 39.0 58.4#



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

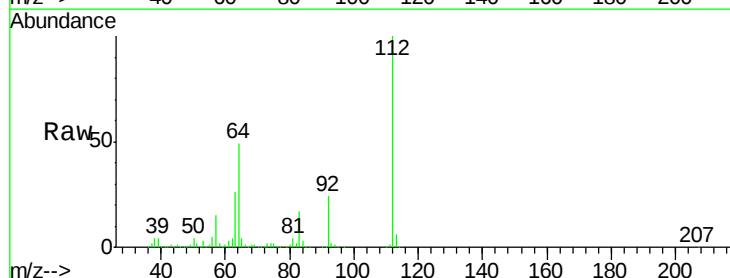
Tgt Ion:112 Resp: 611049

Ion Ratio Lower Upper

112 100

64 49.1 39.7 59.5

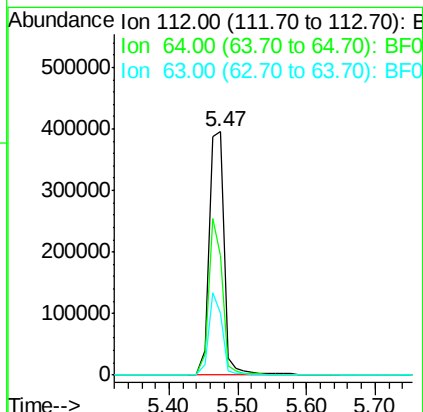
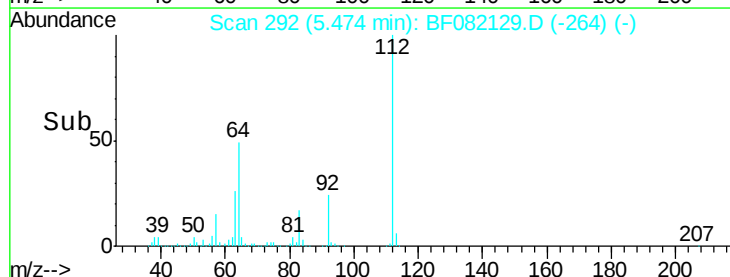
63 25.6 17.4 26.0

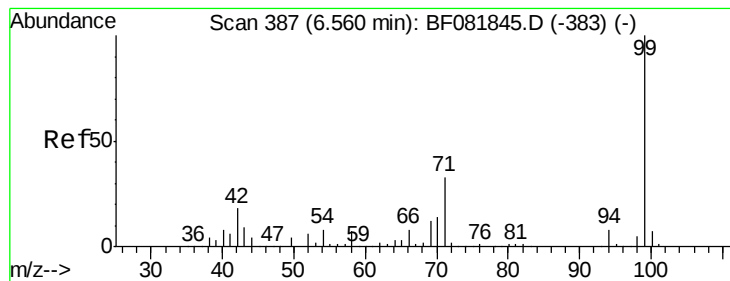


Abundance Ion 112.00 (111.70 to 112.70): E

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

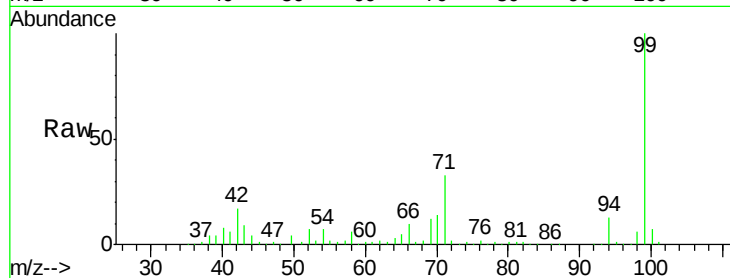
Tot Ion: 99 Resp: 706725

Ion Ratio Lower Upper

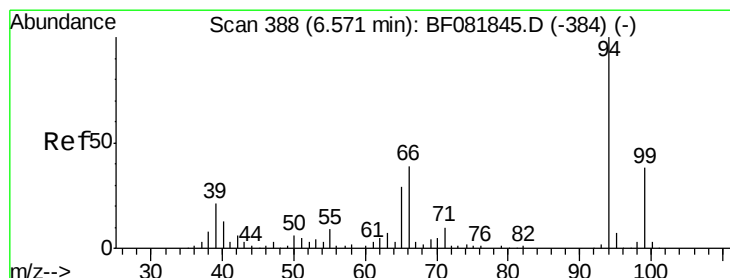
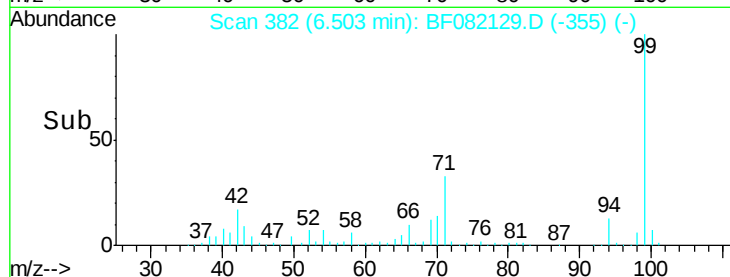
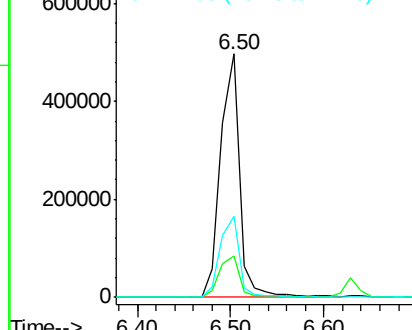
99 100

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

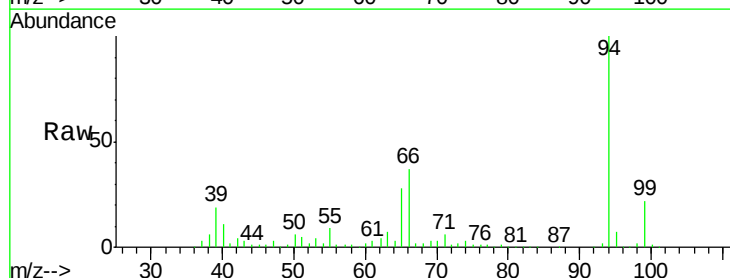
Tgt Ion: 94 Resp: 280365

Ion Ratio Lower Upper

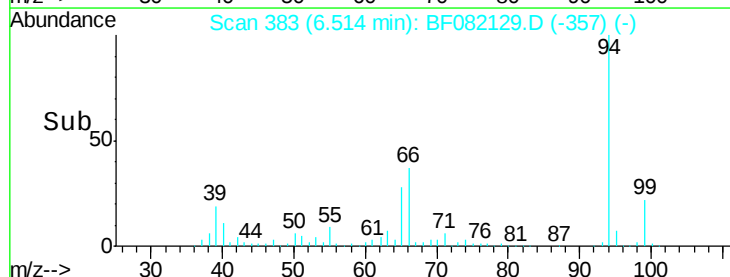
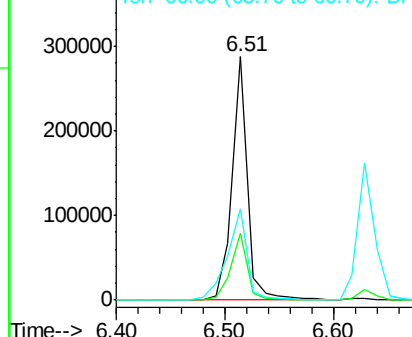
94 100

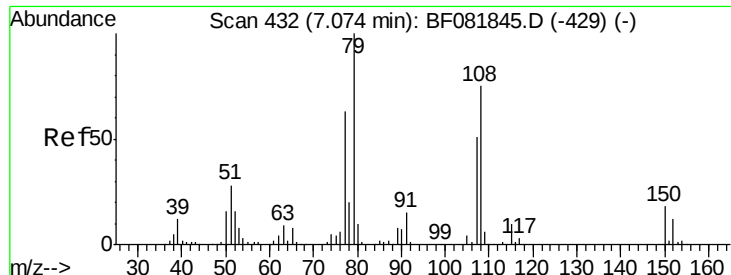
65 27.7 0.7 40.7

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





#15

Benzyl Alcohol

Concen: 3.04 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

Instrument :

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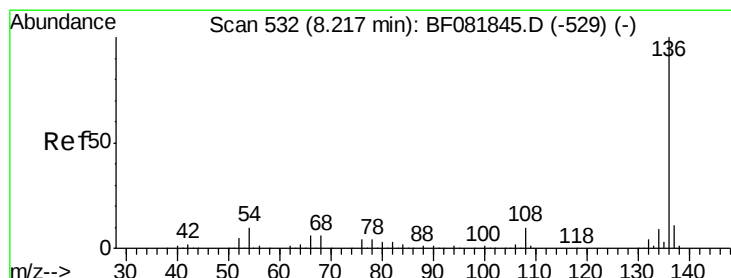
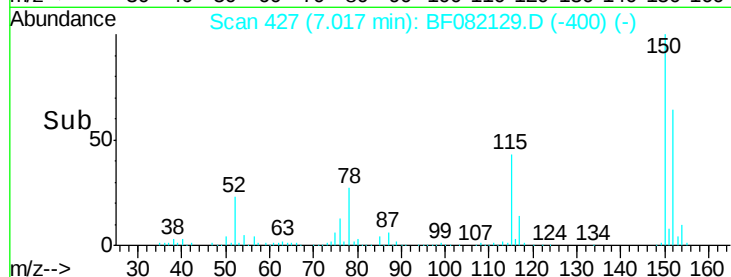
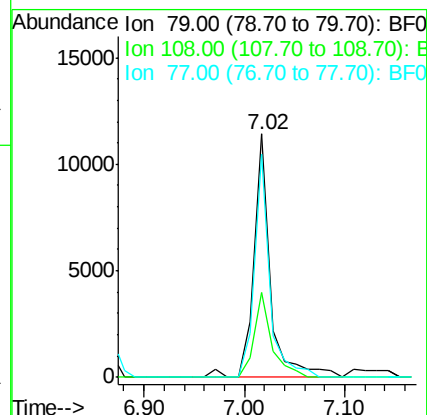
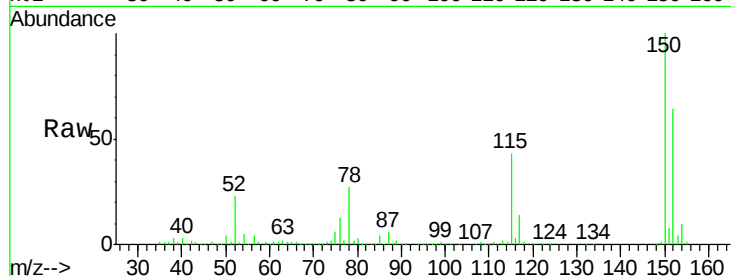
Tot Ion: 79 Resp: 13087

Ion Ratio Lower Upper

79 100

108 34.9 88.6 132.8#

77 91.8 47.0 70.4#



#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

Tgt Ion: 136 Resp: 352745

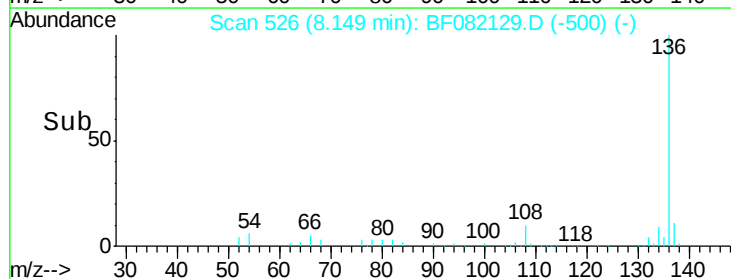
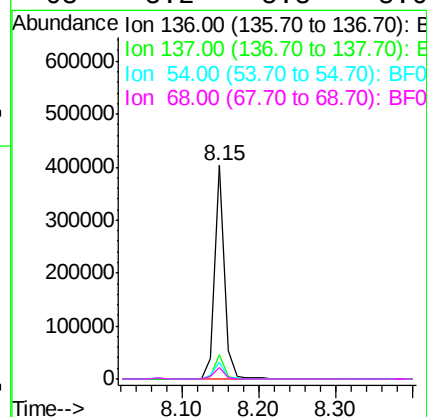
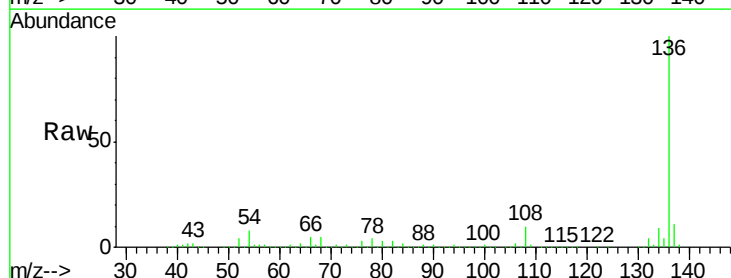
Ion Ratio Lower Upper

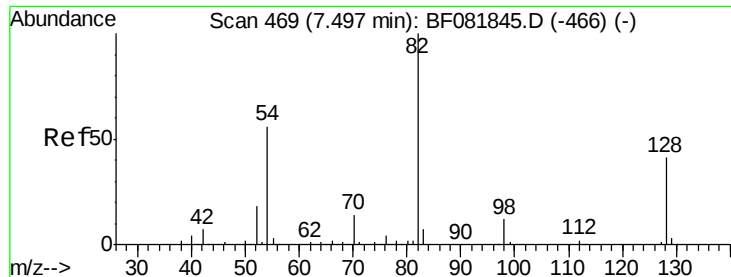
136 100

137 11.1 9.0 13.6

54 8.0 8.2 12.2#

68 5.2 5.8 8.6#

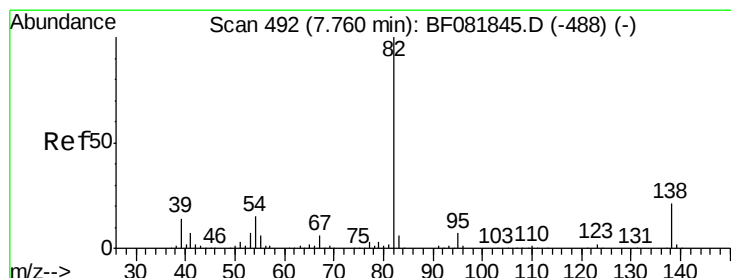
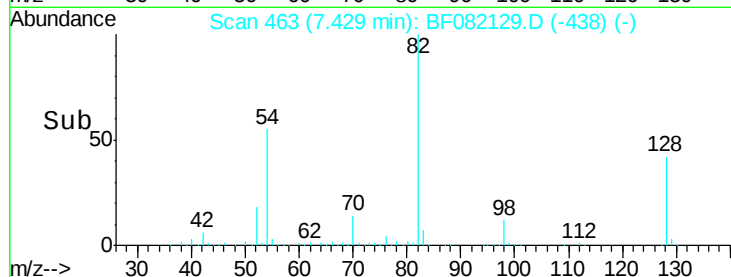
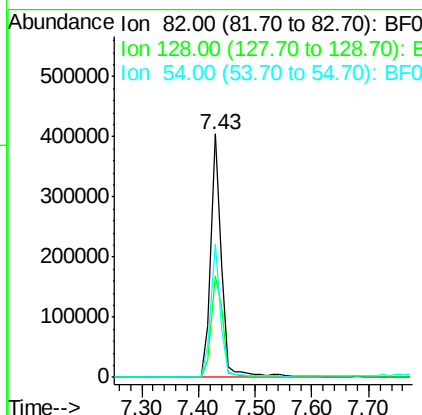
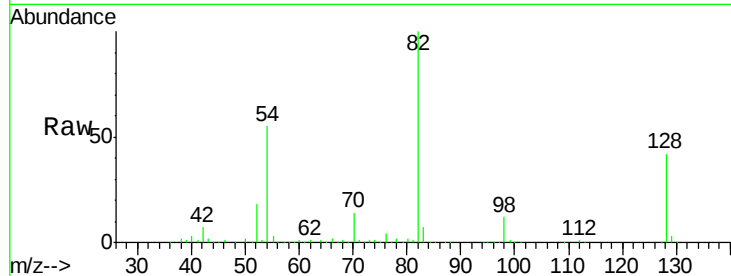




#23
 Nitrobenzene-d5
 Concen: 97.97 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

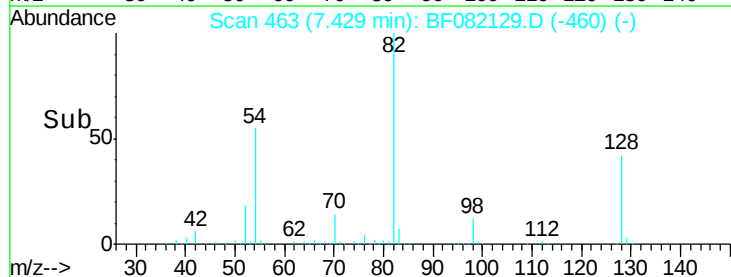
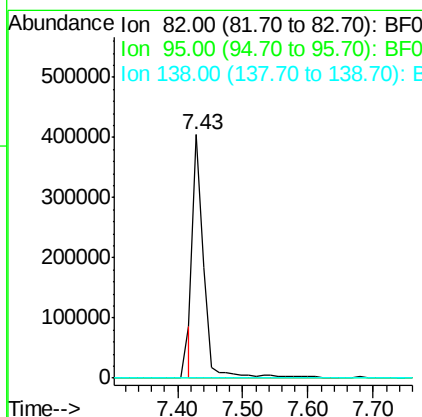
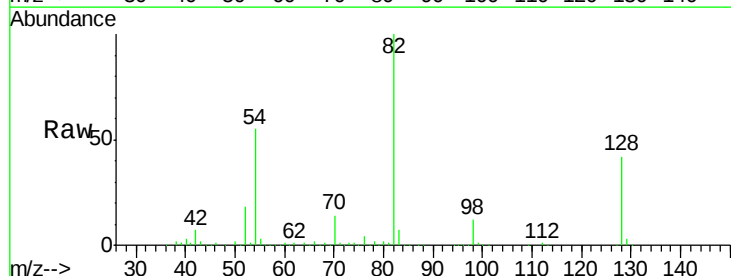
Instrument :
 BNA_F
 ClientSampleId :
 TBTA-QMT-WASTE-RAGS

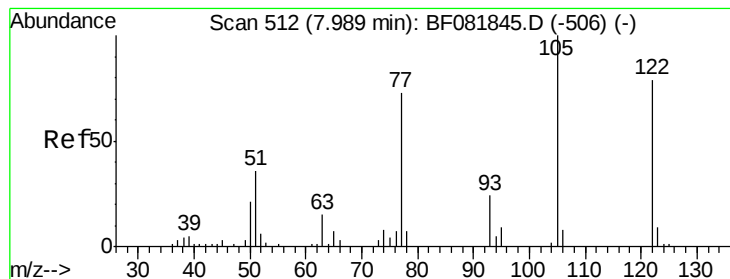
Tot Ion: 82 Resp: 518425
 Ion Ratio Lower Upper
 82 100
 128 41.6 51.0 76.6#
 54 54.8 47.5 71.3



#25
 Isophorone
 Concen: 42.20 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.26 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

Tgt Ion: 82 Resp: 442567
 Ion Ratio Lower Upper
 82 100
 95 0.1 4.0 6.0#
 138 0.0 18.3 27.5#





#32

Benzoic acid

Concen: 26.70 ng

RT: 8.09 min Scan# 521

Delta R.T. 0.16 min

Lab File: BF082129.D

Acq: 8 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

TBTA-QMT-WASTE-RAGS

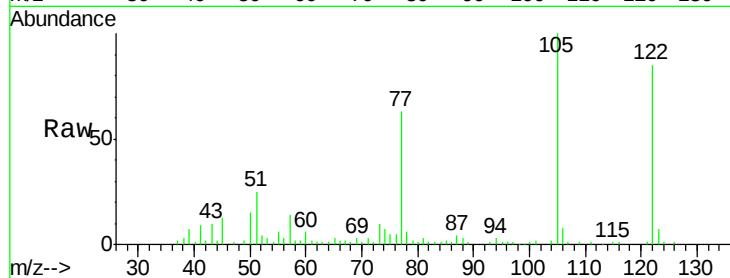
Tot Ion:122 Resp: 66323

Ion Ratio Lower Upper

122 100

105 117.0 76.1 116.1#

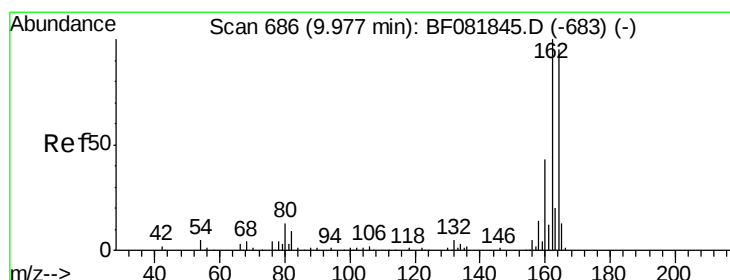
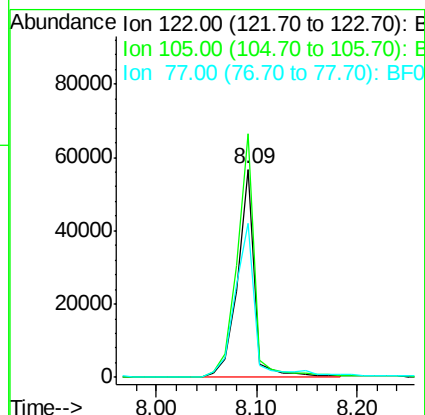
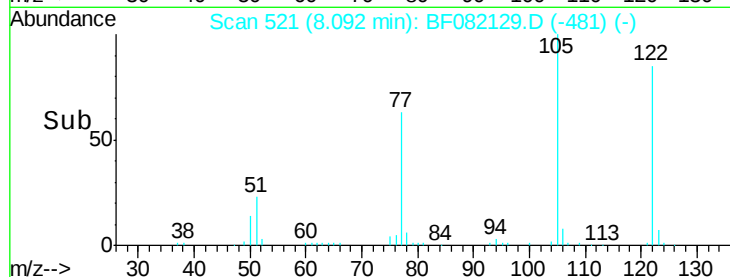
77 74.3 40.5 80.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): 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

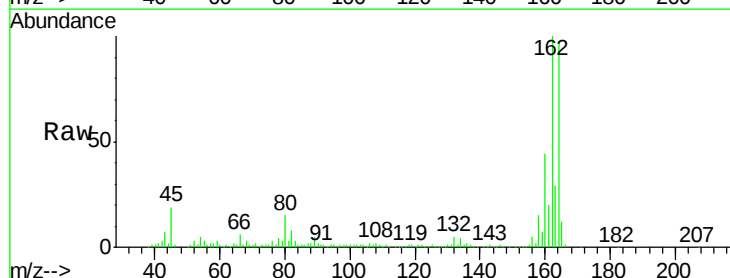
Tgt Ion:164 Resp: 177573

Ion Ratio Lower Upper

164 100

162 102.8 75.2 112.8

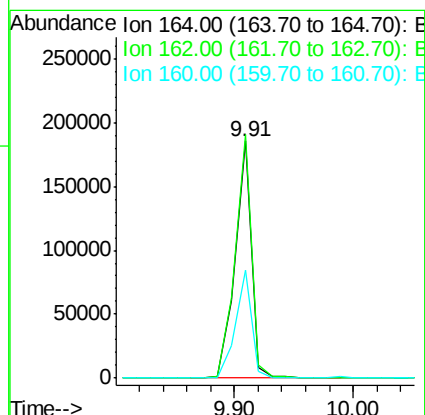
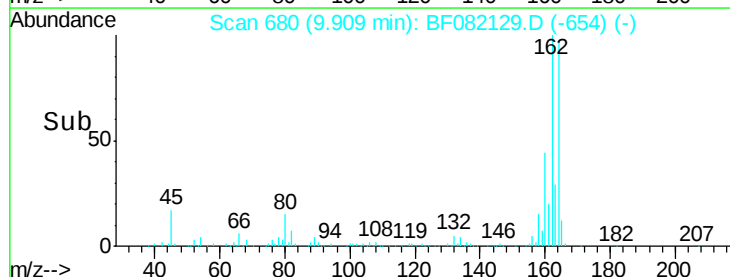
160 45.7 31.5 47.3

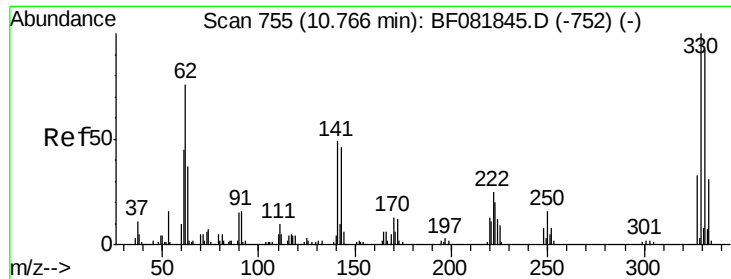


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

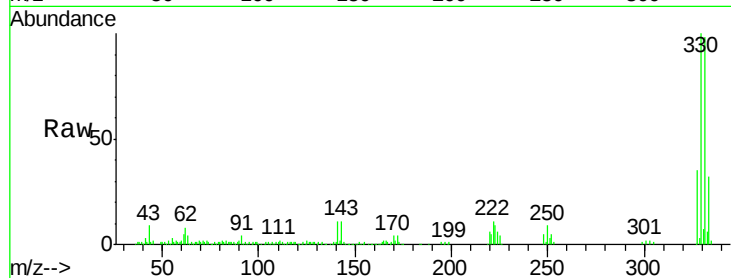




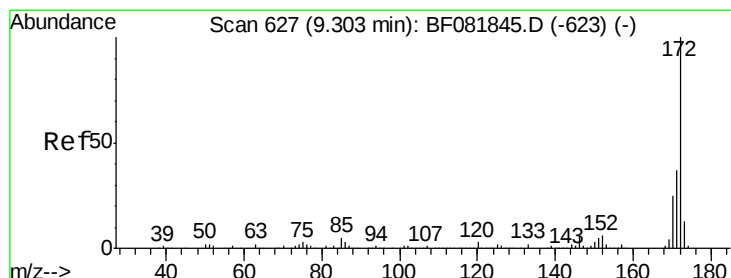
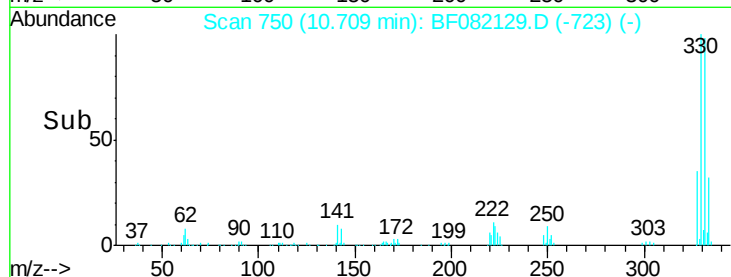
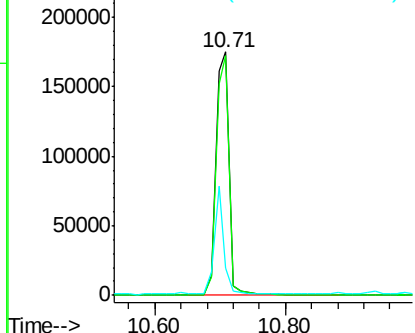
#41
 2,4,6-Tribromophenol
 Concen: 141.19 ng
 RT: 10.71 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

Instrument :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	30.8	29.7	44.5

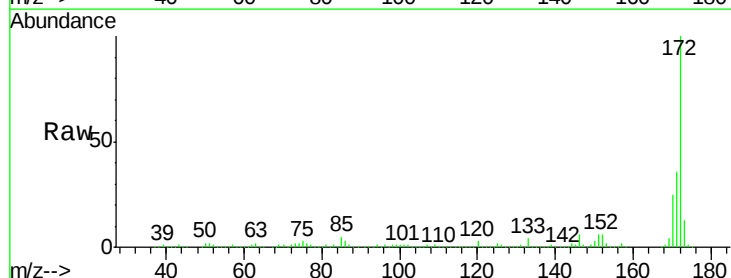


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

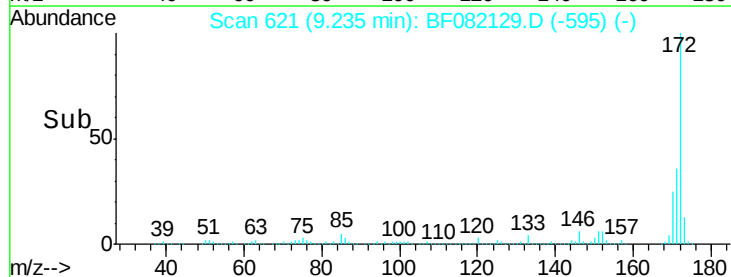
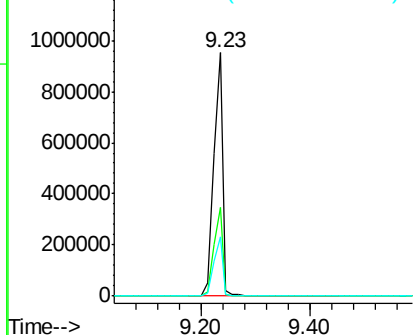


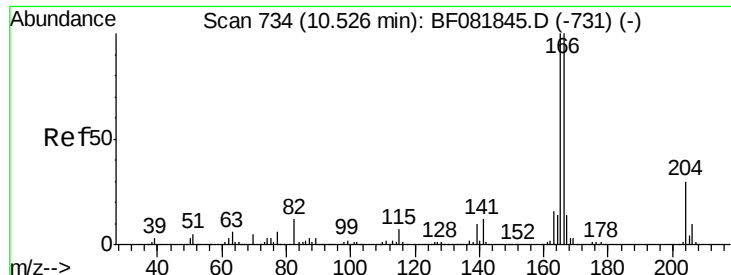
#44
 2-Fluorobiphenyl
 Concen: 111.48 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.5	17.4	26.2



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

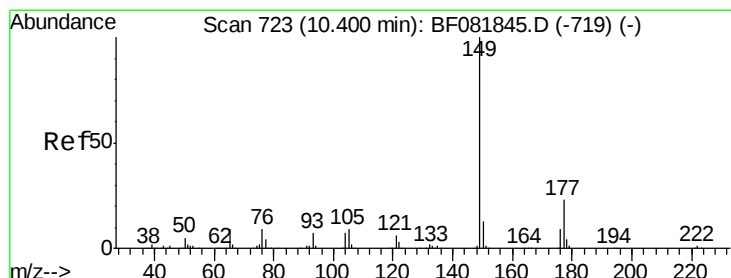
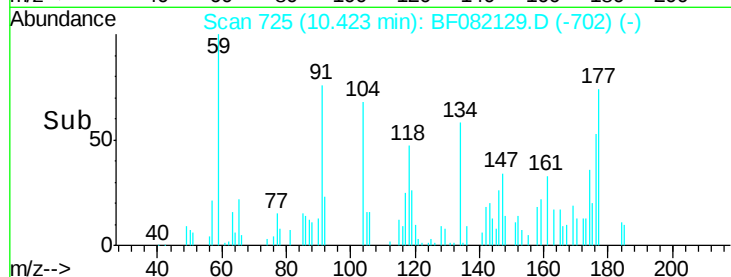
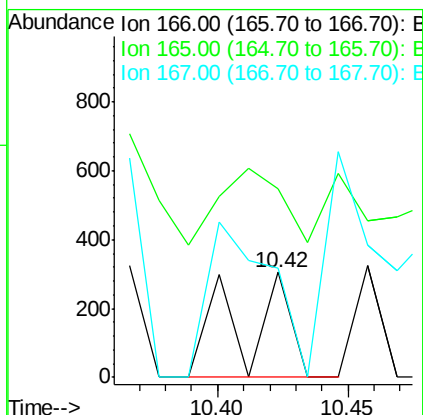
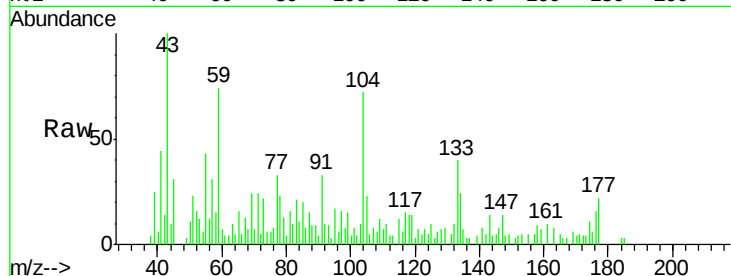




#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

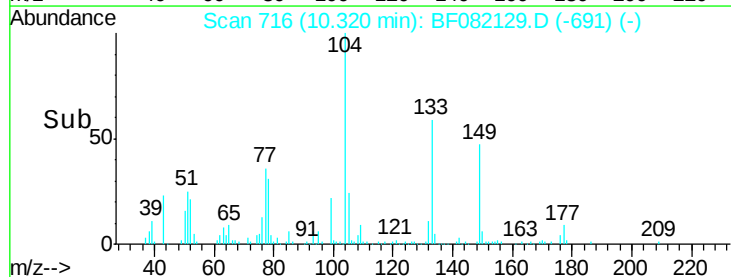
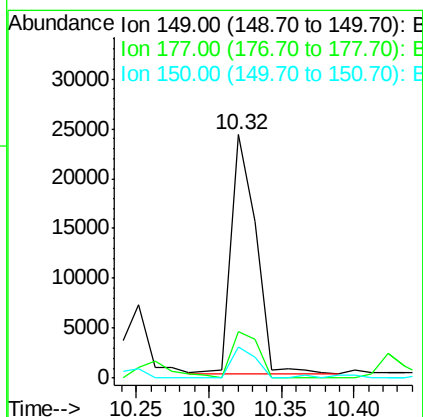
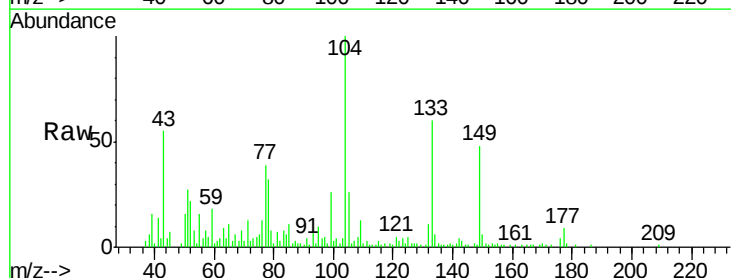
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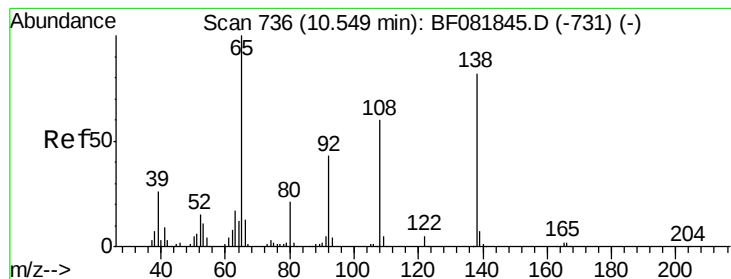
Tot Ion:166 Resp: 416
Ion Ratio Lower Upper
166 100
165 178.4 72.6 109.0#
167 104.2 10.6 16.0#



#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

Instrument :

BNA_F

ClientSampleId :

TBTA-QMT-WASTE-RAGS

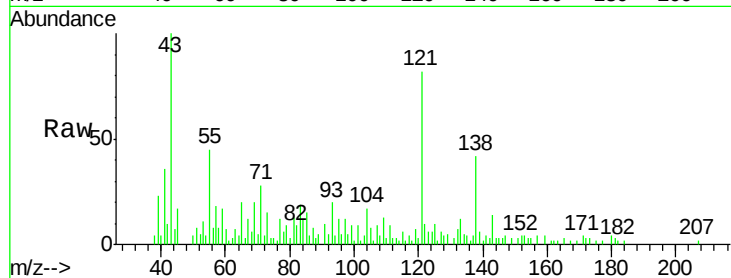
Tot Ion:138 Resp: 15029

Ion Ratio Lower Upper

138 100

92 10.6 12.6 52.6#

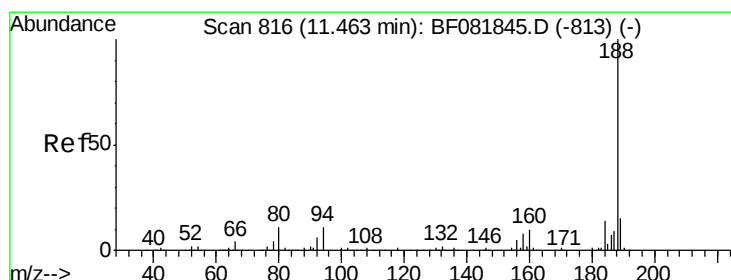
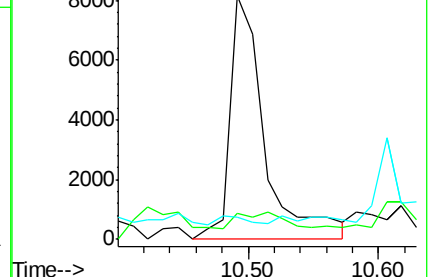
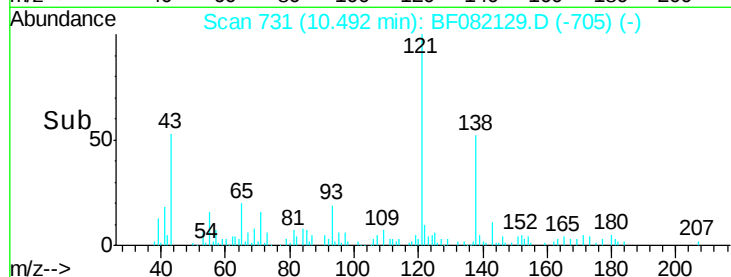
108 9.0 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#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

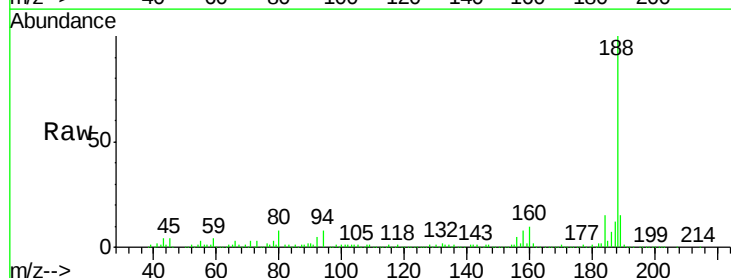
Tgt Ion:188 Resp: 337773

Ion Ratio Lower Upper

188 100

94 7.9 11.1 16.7#

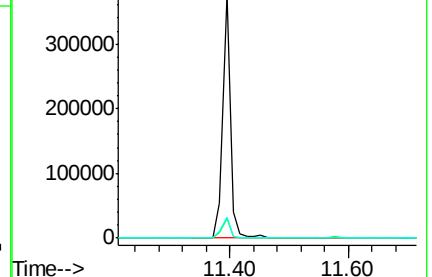
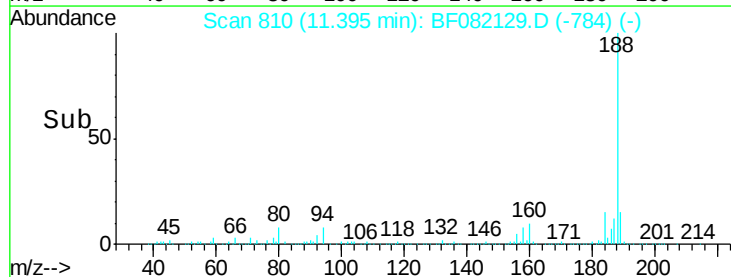
80 8.5 11.0 16.4#

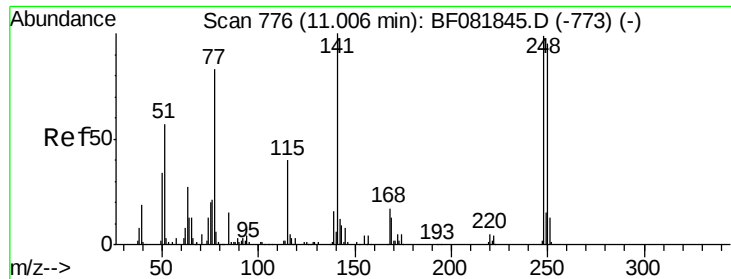


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

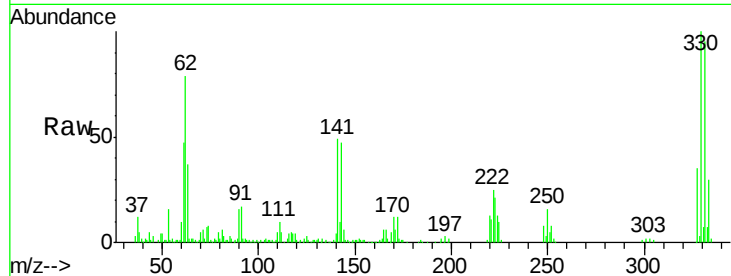




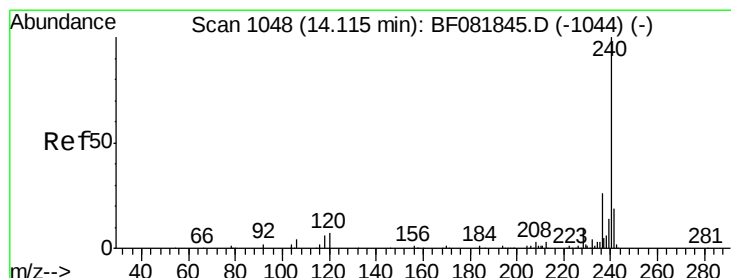
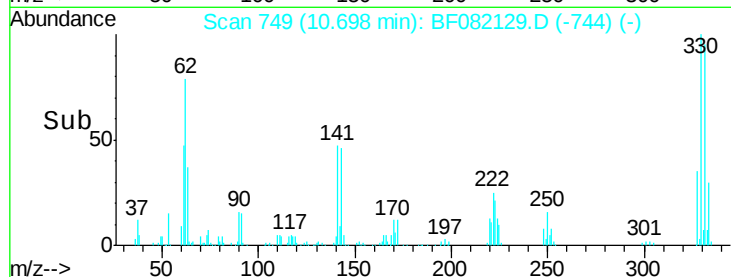
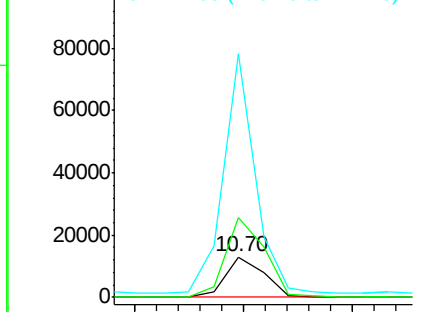
#66
 4-Bromophenyl-phenylether
 Concen: 4.65 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

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

Tot Ion:248 Resp: 15823
 Ion Ratio Lower Upper
 248 100
 250 196.1 78.5 117.7#
 141 602.0 59.0 88.6#

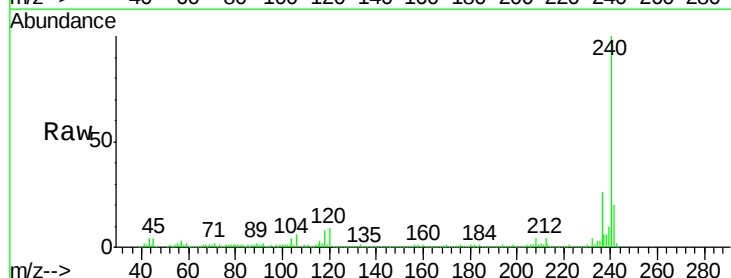


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

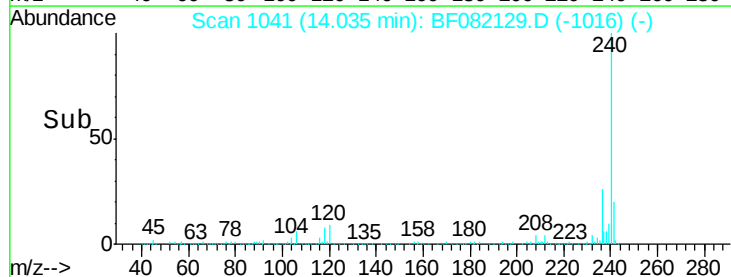
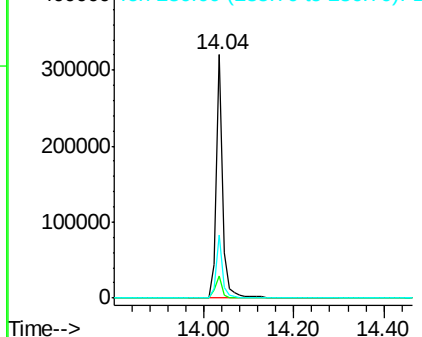


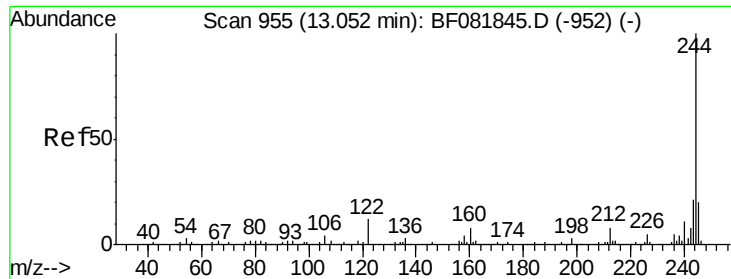
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

Tgt 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

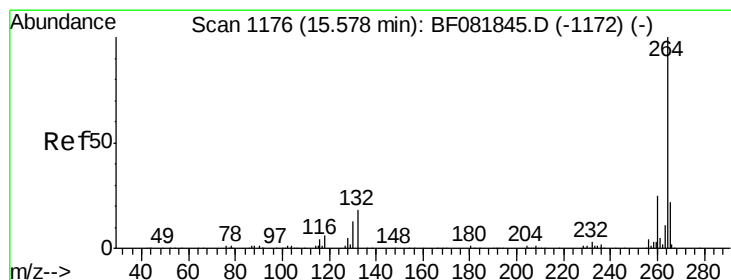
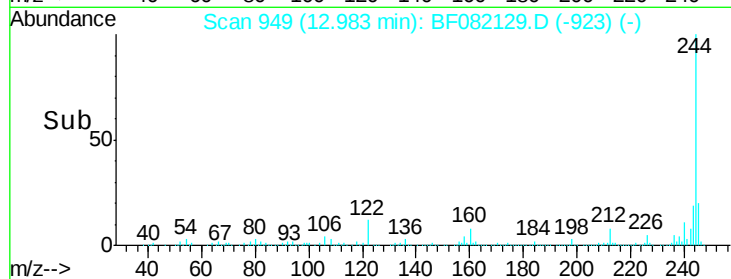
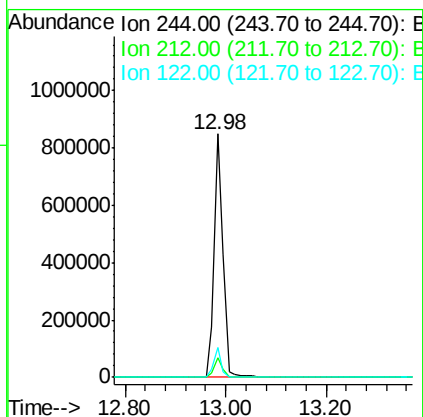
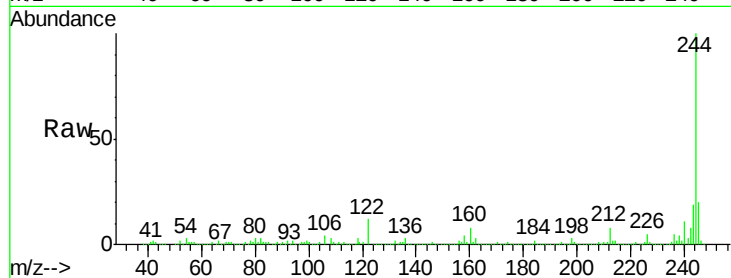




#78
 Terphenyl-d14
 Concen: 117.07 ng
 RT: 12.98 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF082129.D
 Acq: 8 Oct 2015 16:03

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

Tot Ion:244 Resp: 1040269
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 12.2 17.4 26.2#



#86
 Perylene-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

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

