

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092293.D
 Acq On : 16 Jan 2017 19:03
 Operator : UM/SJ
 Sample : I1196-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Quant Time: Jan 17 00:45:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

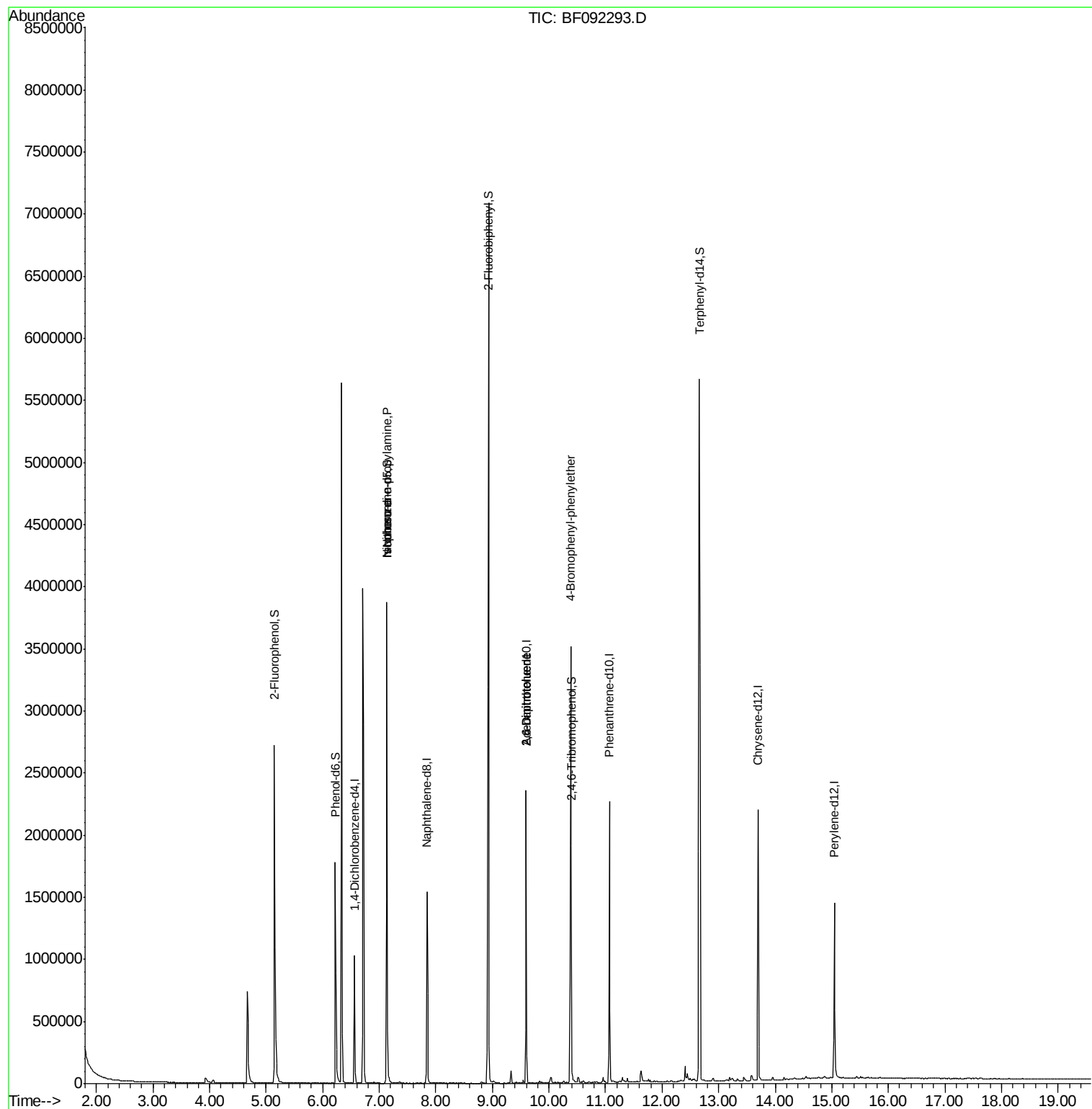
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	216200	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	848922	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	495295	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	849886	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	755997	20.00	ng	-0.09
86) Perylene-d12	15.05	264	589385	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	964211	74.47	ng	-0.09
7) Phenol-d6	6.22	99	797618	50.45	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1455104	95.31	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	609476	148.69	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2445126	104.04	ng	-0.08
78) Terphenyl-d14	12.66	244	2534906	81.32	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.22	77	1214	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	192375	18.29 ng	#	76
25) Isophorone	7.14	82	1451265	51.52 ng	#	65
50) 2,6-Dinitrotoluene	9.59	165	64204	9.26 ng	#	30
56) 2,4-Dinitrotoluene	9.59	165	64206	7.38 ng	#	19
66) 4-Bromophenyl-phenylether	10.38	248	34898	3.95 ng	#	1
71) Anthracene	11.15	178	341	Below Cal	#	59
73) Di-n-butylphthalate	11.65	149	17587	Below Cal	#	97
74) Fluoranthene	12.28	202	1149	Below Cal		60
76) Benzidine	12.66	184	30801	Below Cal		96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

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ClientSampleId :

W-29

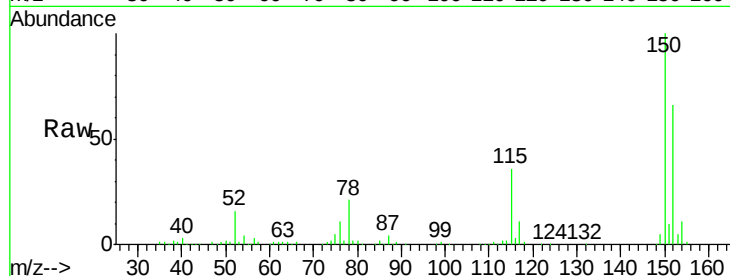
Tgt Ion:152 Resp: 216200

Ion Ratio Lower Upper

152 100

150 152.5 124.9 187.3

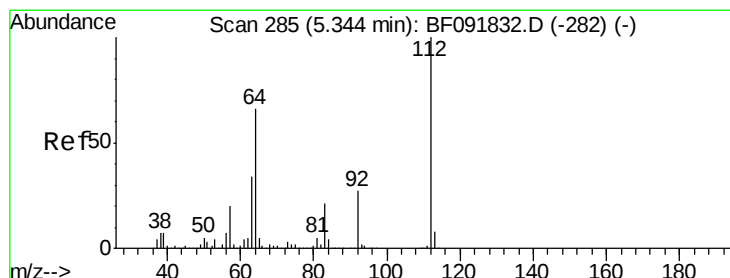
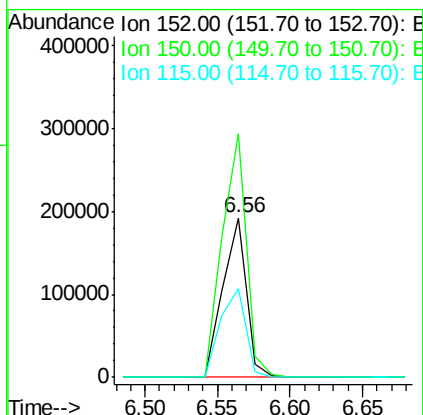
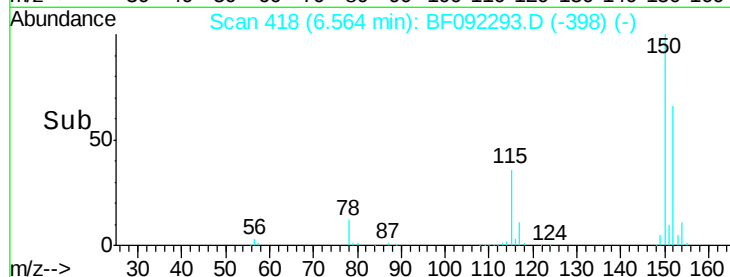
115 55.6 46.0 69.0



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: 74.47 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

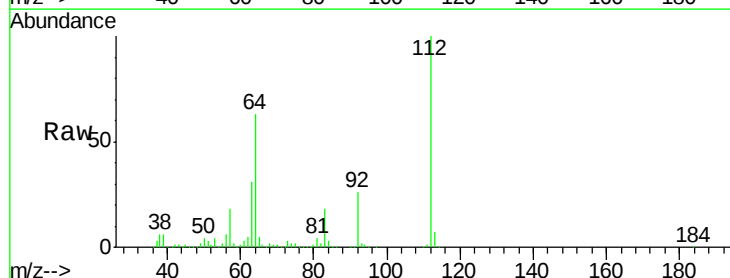
Tgt Ion:112 Resp: 964211

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

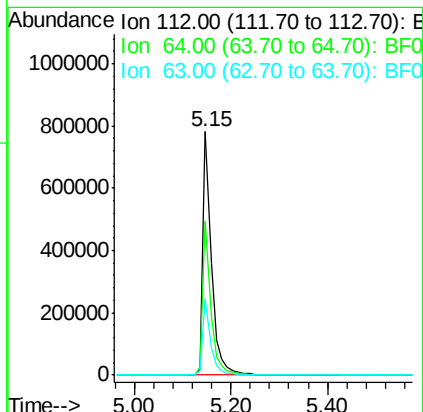
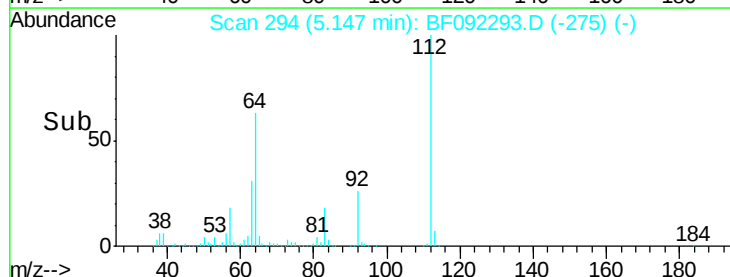
63 31.0 23.8 35.6



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: 50.45 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

W-29

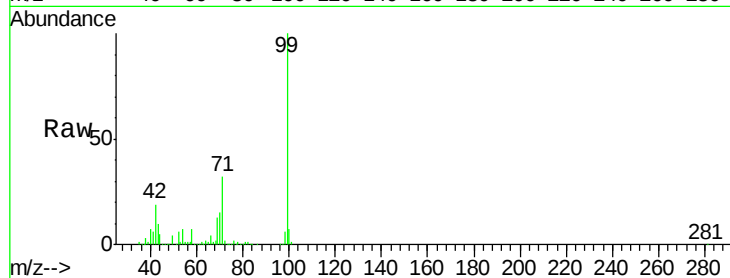
Tgt Ion: 99 Resp: 797618

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

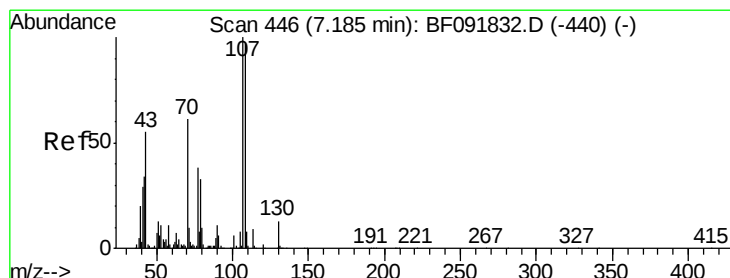
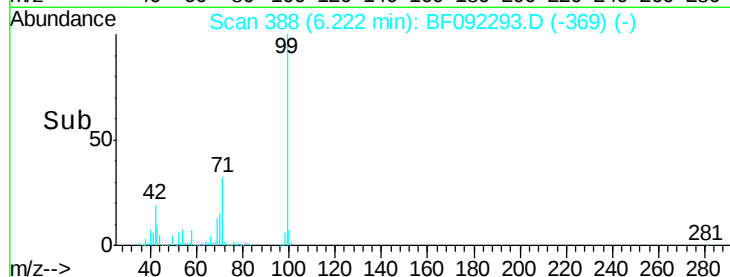
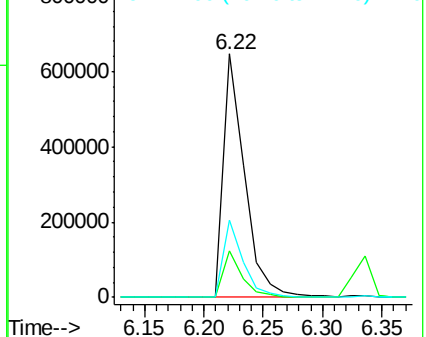
71 31.5 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.29 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

Tgt Ion: 70 Resp: 192375

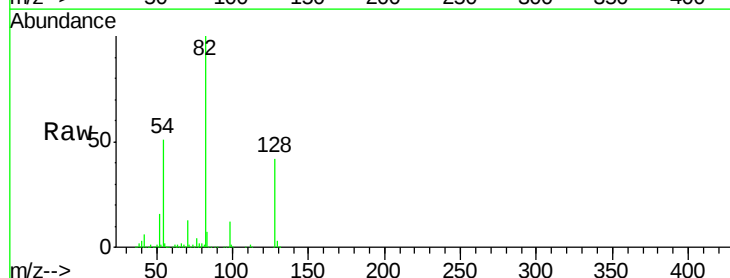
Ion Ratio Lower Upper

70 100

42 46.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

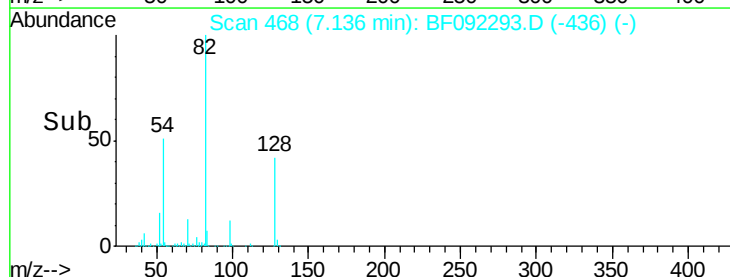
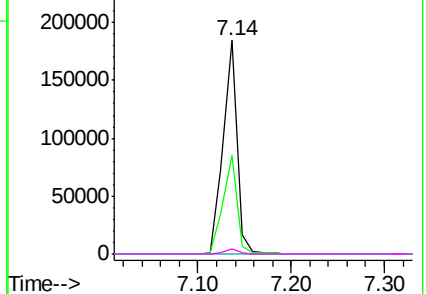


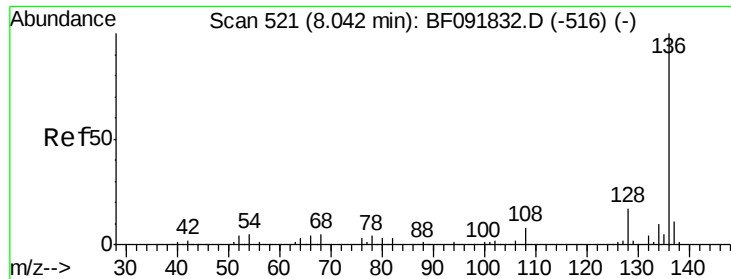
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

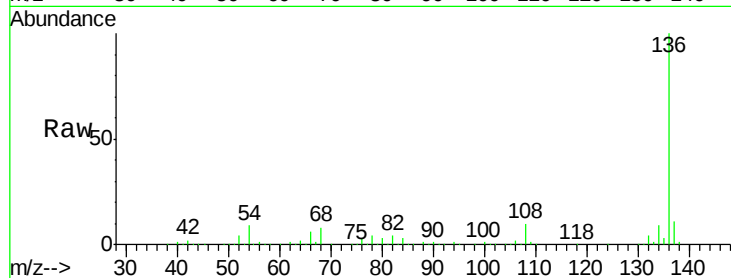




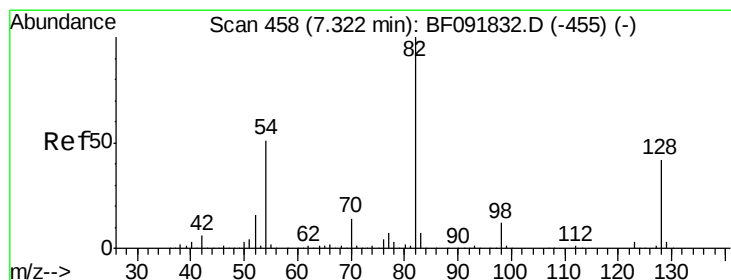
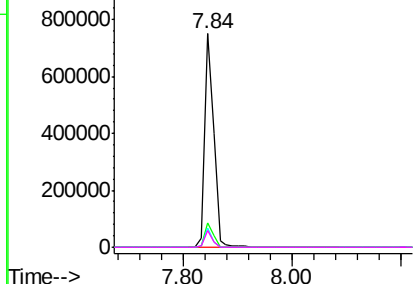
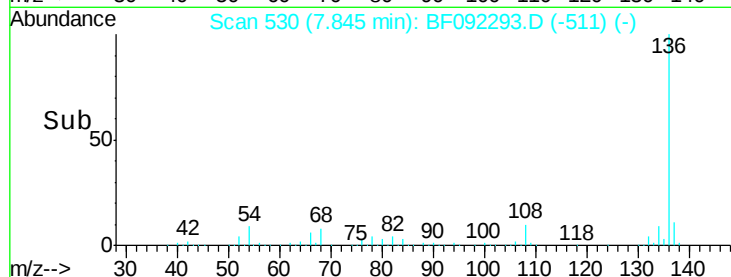
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092293.D
Acq: 16 Jan 2017 19:03

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion: 136 Resp: 848922
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.2 4.5 6.7#
68 7.6 3.6 5.4#

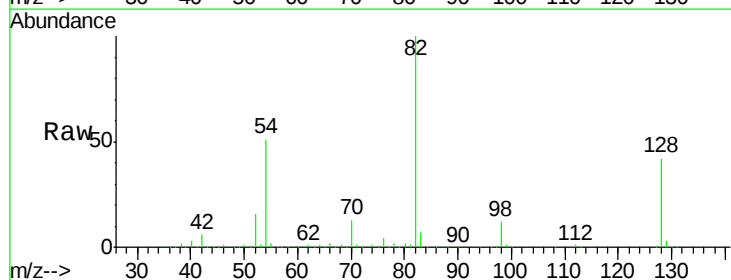


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

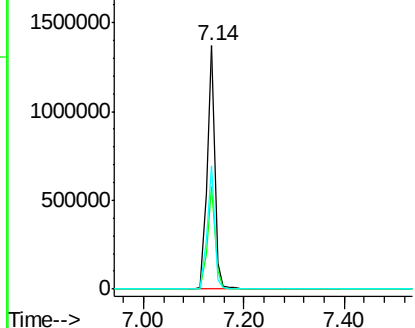
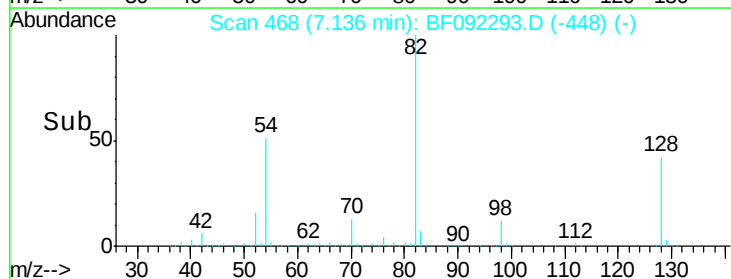


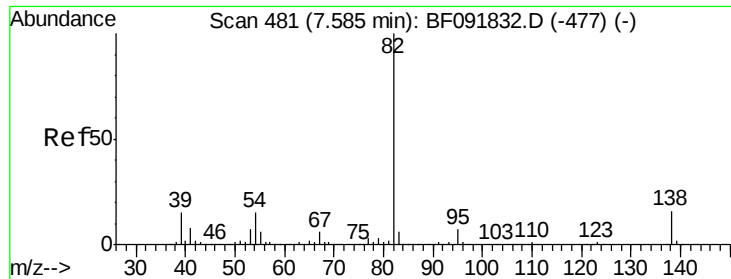
#23
Nitrobenzene-d5
Concen: 95.31 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092293.D
Acq: 16 Jan 2017 19:03

Tgt Ion: 82 Resp: 1455104
Ion Ratio Lower Upper
82 100
128 42.4 34.6 52.0
54 50.6 39.5 59.3



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





#25

Isophorone

Concen: 51.52 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

Instrument :

BNA_F

ClientSampleId :

W-29

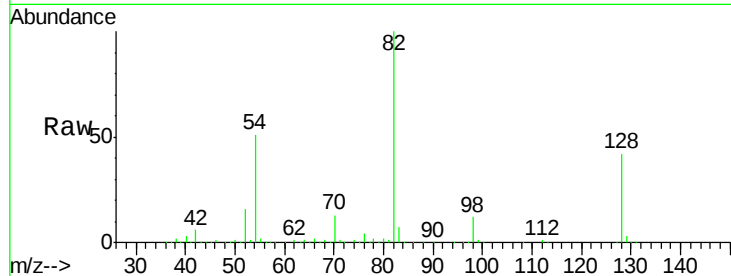
Tgt Ion: 82 Resp: 1451265

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

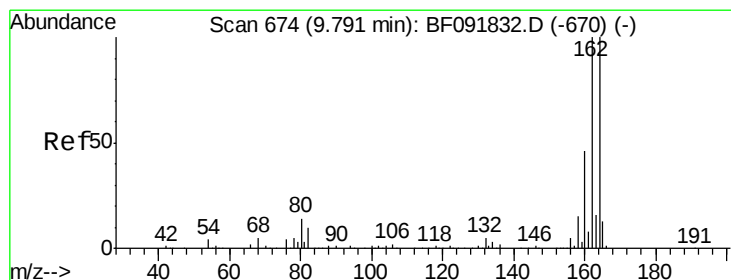
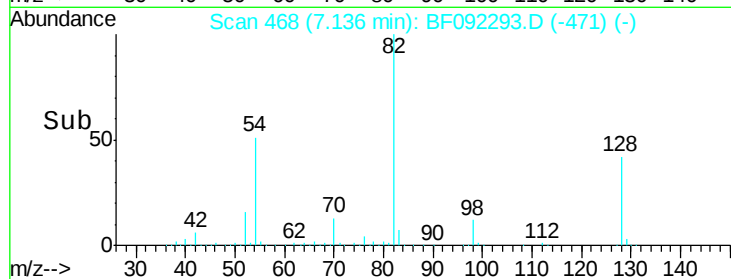
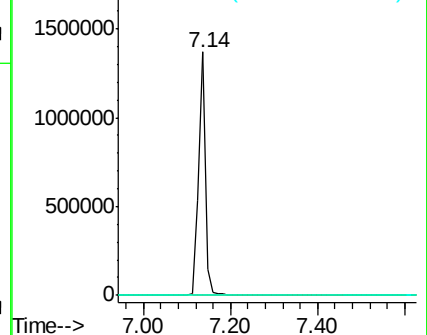
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092293.D

Acq: 16 Jan 2017 19:03

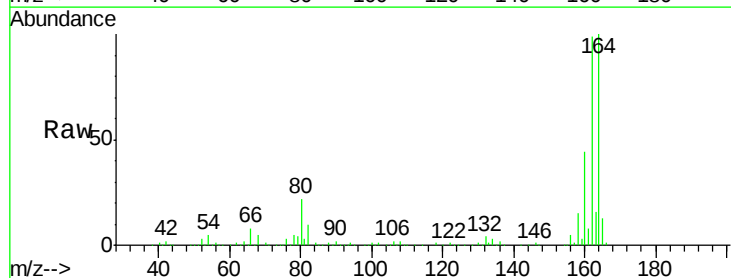
Tgt Ion: 164 Resp: 495295

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

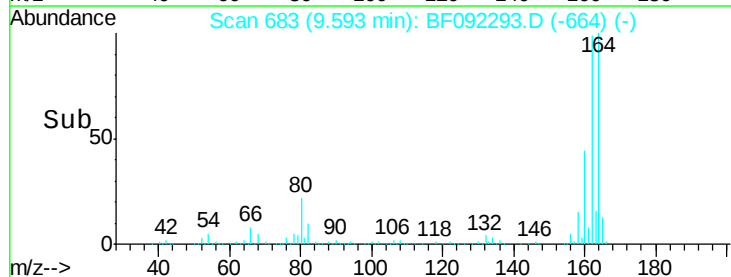
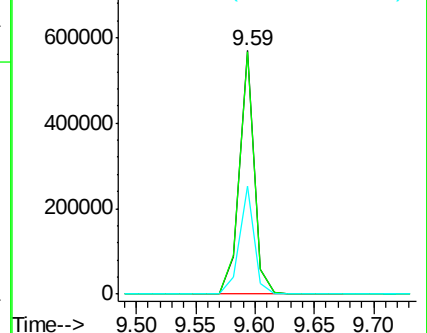
160 44.5 36.9 55.3

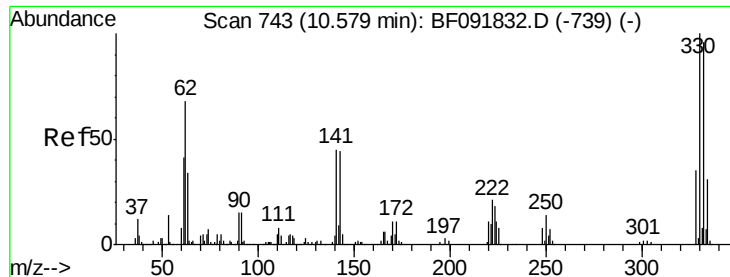


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

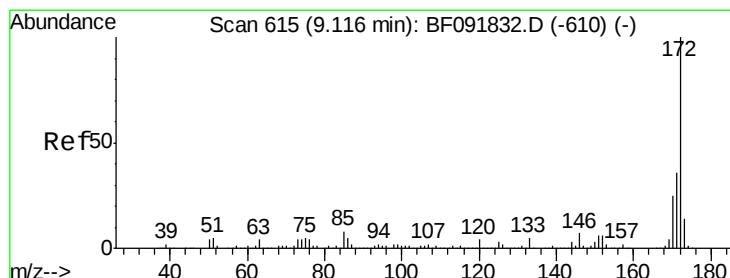
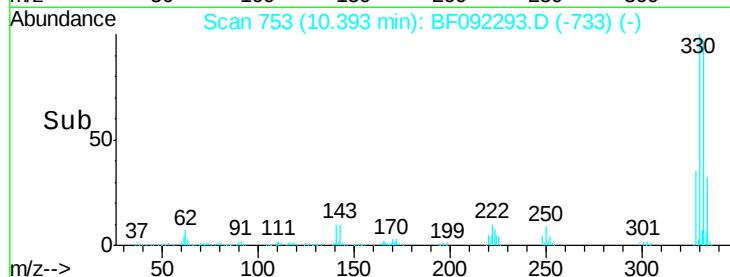
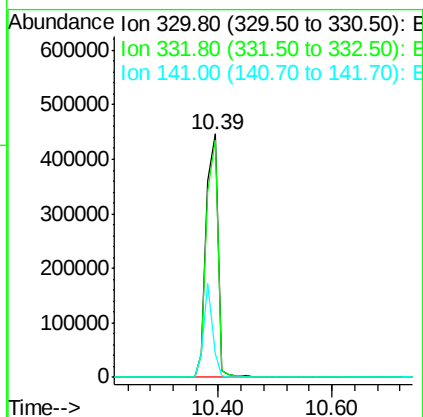
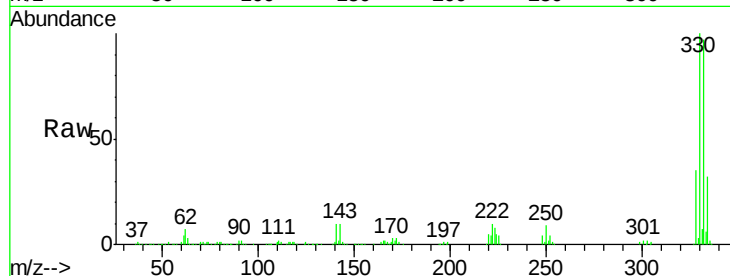




#41
 2,4,6-Tribromophenol
 Concen: 148.69 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tgt Ion:330 Resp: 609476
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 30.2 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 104.04 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092293.D
 Acq: 16 Jan 2017 19:03

Tgt Ion:172 Resp: 2445126
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.9 20.2 30.4

