

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092294.D
 Acq On : 16 Jan 2017 19:32
 Operator : UM/SJ
 Sample : I1196-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-46

Quant Time: Jan 17 00:45:17 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

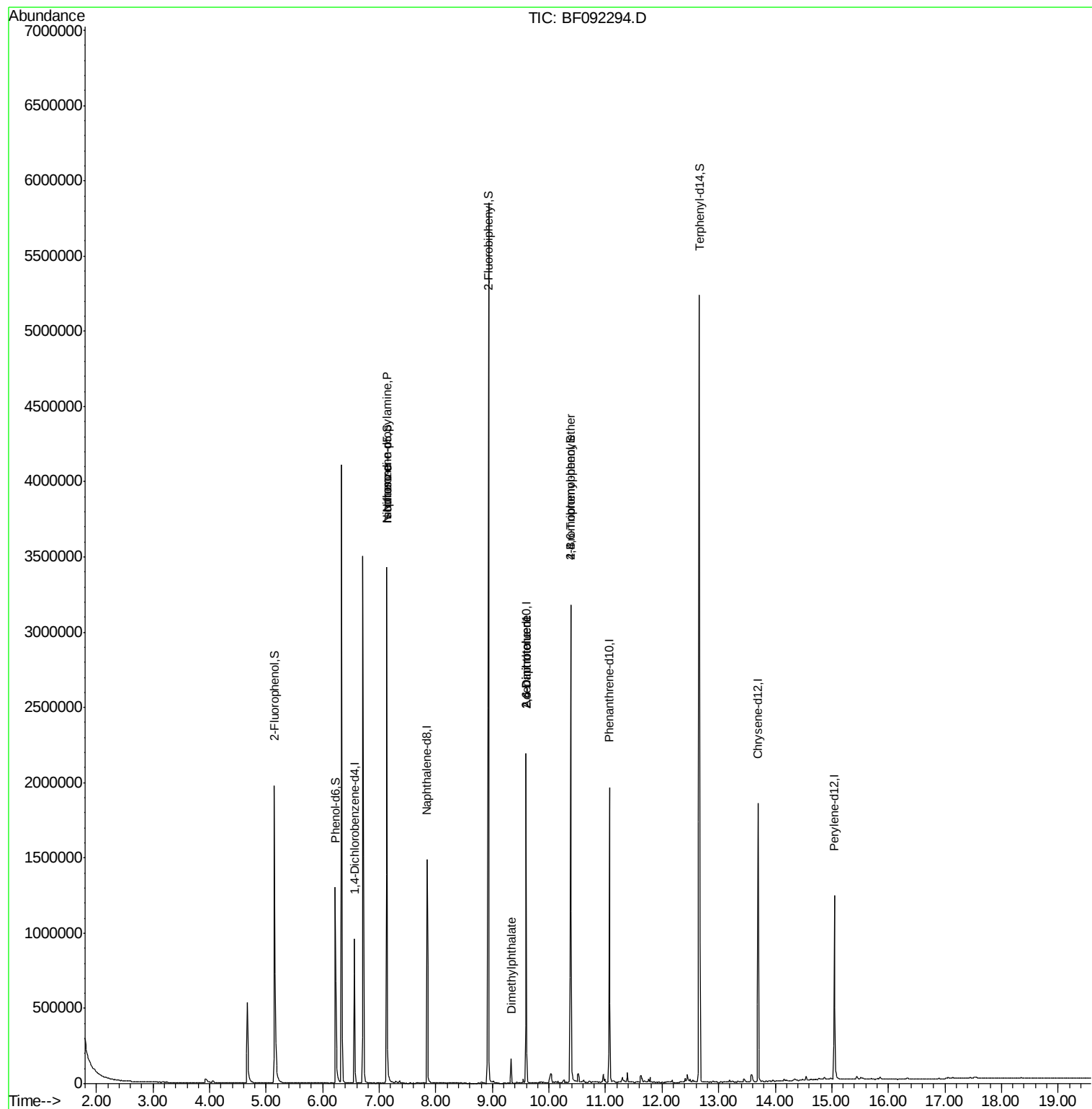
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	207321	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	842578	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	456810	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	742452	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	652838	20.00	ng	-0.09
86) Perylene-d12	15.05	264	506258	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	724252	58.33	ng	-0.09
7) Phenol-d6	6.22	99	601189	39.66	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1288928	85.06	ng	-0.08
41) 2,4,6-Tribromophenol	10.38	330	456290	120.70	ng	-0.09
44) 2-Fluorobiphenyl	8.93	172	1965132	88.70	ng	-0.08
78) Terphenyl-d14	12.66	244	1785074	66.31	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.22	77	1092	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	170721	16.93	ng	# 75
25) Isophorone	7.14	82	1286817	46.03	ng	# 65
49) Dimethylphthalate	9.33	163	69118	2.37	ng	# 99
50) 2,6-Dinitrotoluene	9.59	165	59545	9.31	ng	# 31
56) 2,4-Dinitrotoluene	9.59	165	59549	7.42	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	27279	3.53	ng	# 1
71) Anthracene	11.09	178	1027	Below Cal	#	59
73) Di-n-butylphthalate	11.65	149	11975	Below Cal		97
74) Fluoranthene	12.28	202	429	Below Cal		61
76) Benzydine	12.66	184	23690	Below Cal	#	96

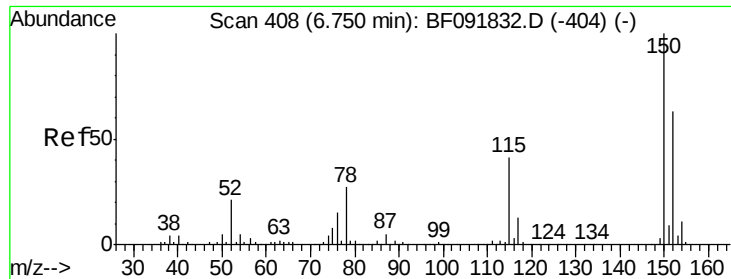
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092294.D

Acq: 16 Jan 2017 19:32

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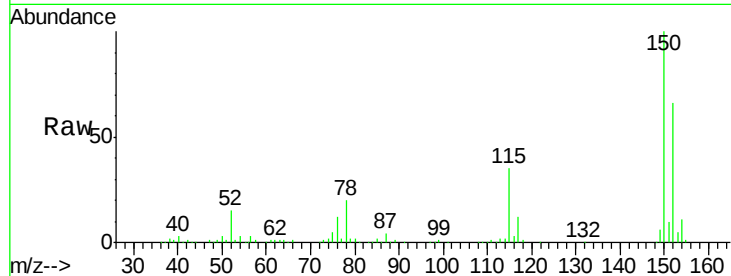
Tgt Ion:152 Resp: 207321

Ion Ratio Lower Upper

152 100

150 152.4 124.9 187.3

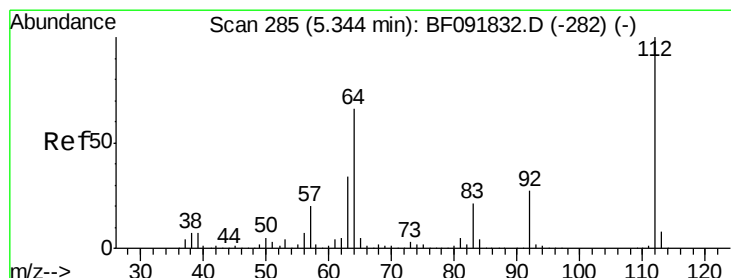
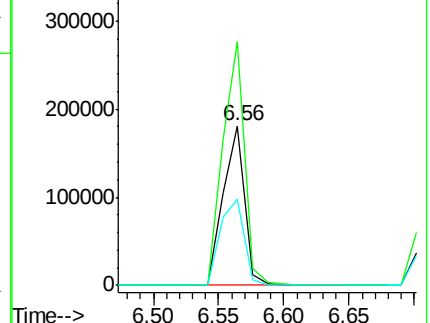
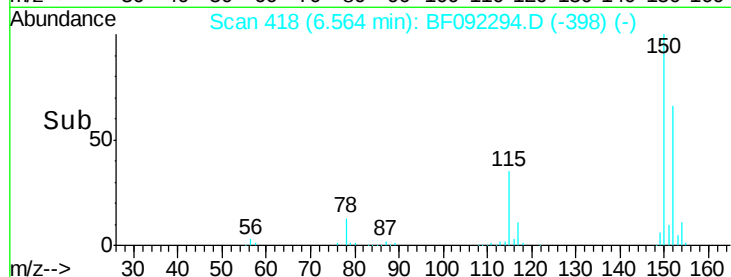
115 53.9 46.0 69.0



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: 58.33 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092294.D

Acq: 16 Jan 2017 19:32

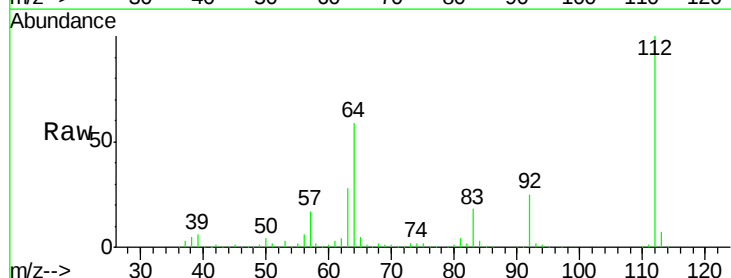
Tgt Ion:112 Resp: 724252

Ion Ratio Lower Upper

112 100

64 58.8 46.1 69.1

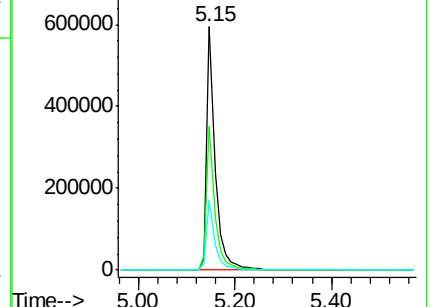
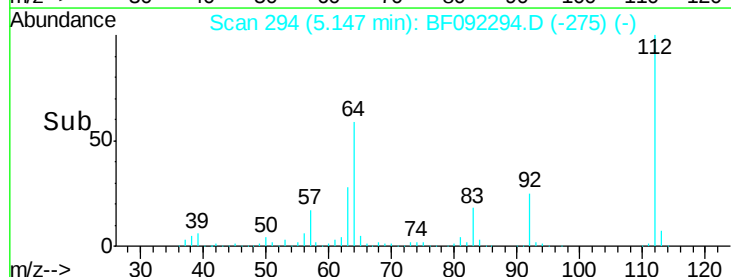
63 28.5 23.8 35.6



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: 39.66 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092294.D

Acq: 16 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

W-46

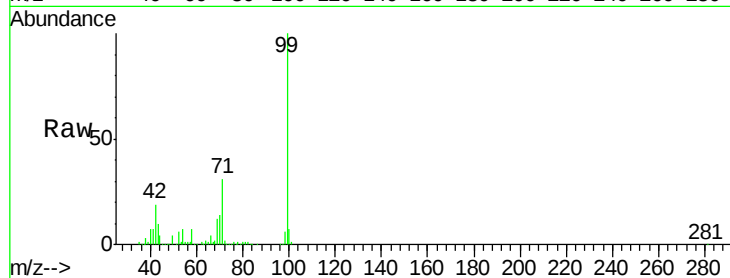
Tgt Ion: 99 Resp: 601189

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

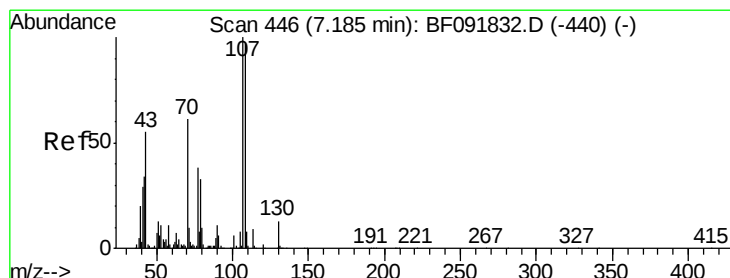
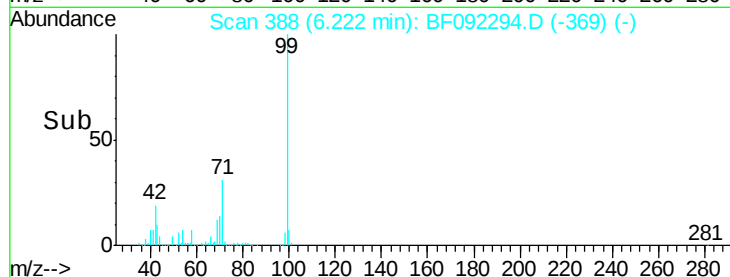
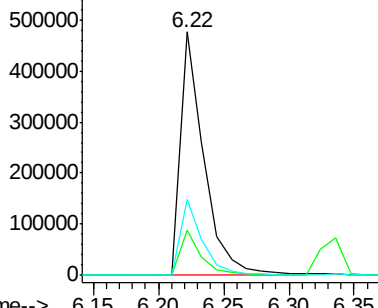
71 31.4 27.5 41.3



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: 16.93 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092294.D

Acq: 16 Jan 2017 19:32

Tgt Ion: 70 Resp: 170721

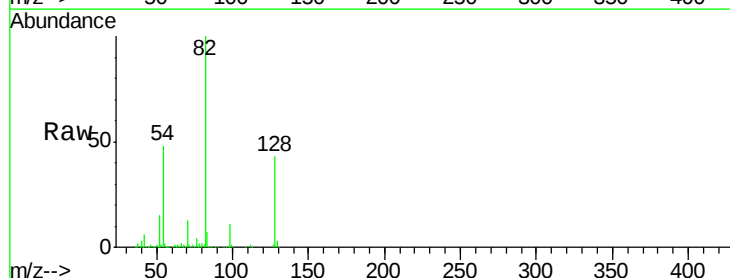
Ion Ratio Lower Upper

70 100

42 44.9 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

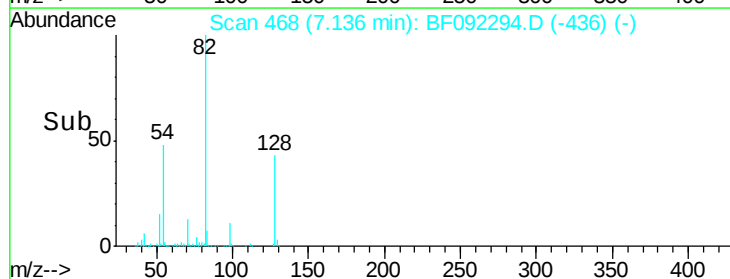
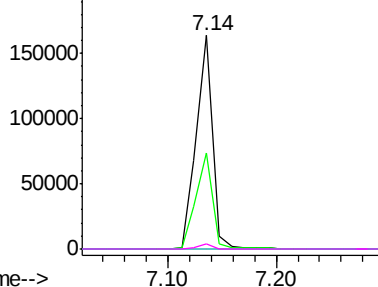


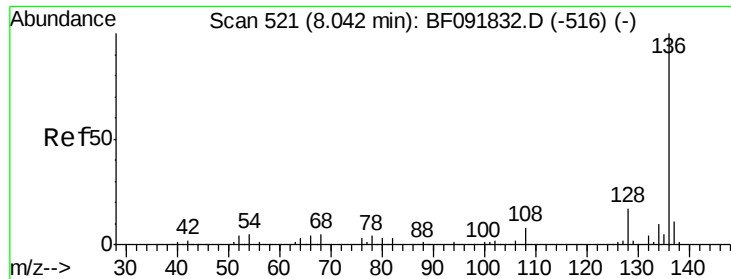
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

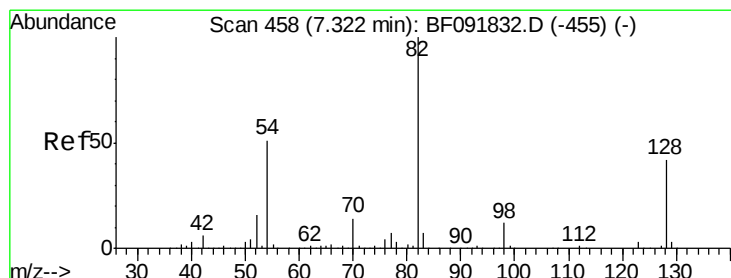
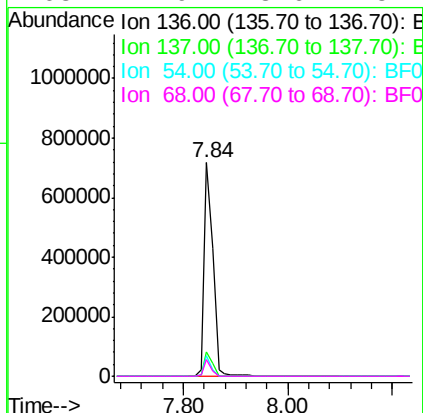
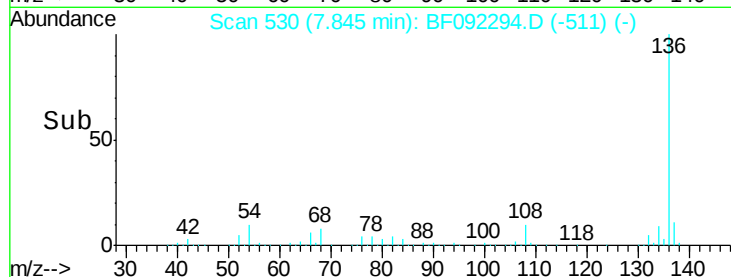
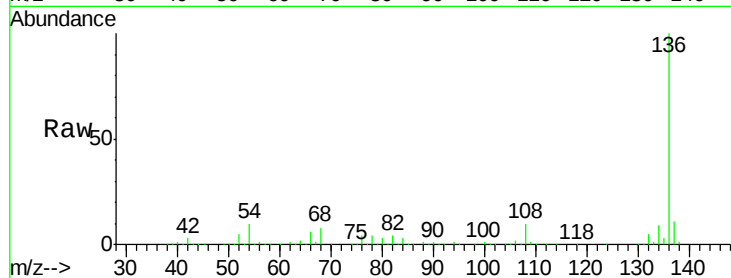




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092294.D
Acq: 16 Jan 2017 19:32

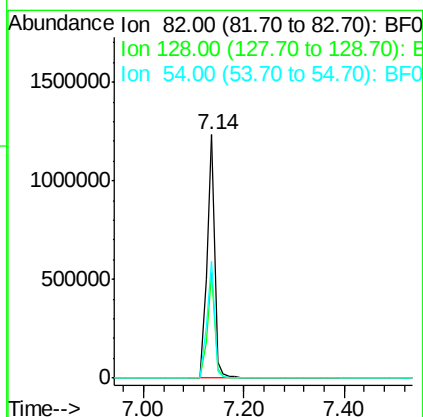
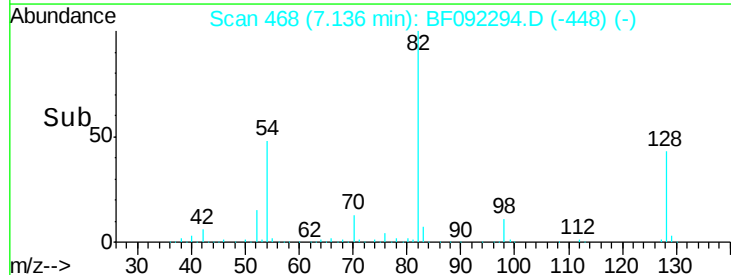
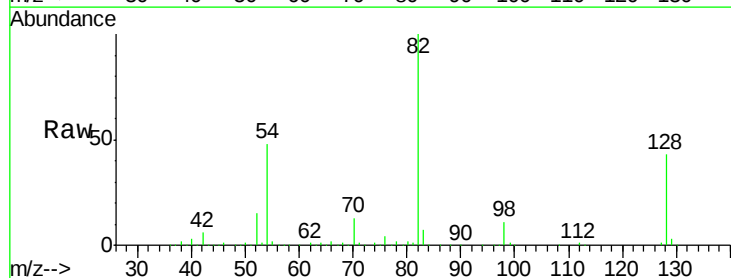
Instrument :
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W-46

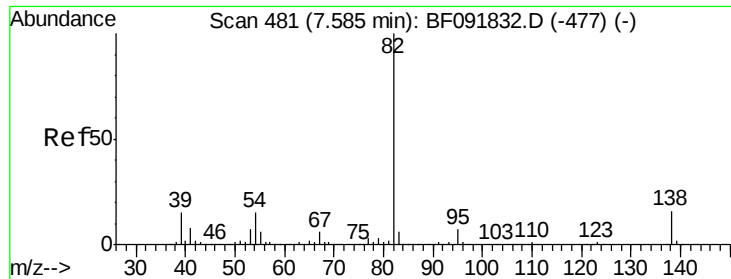
Tgt Ion:	136	Resp:	842578
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.7	4.5	6.7#
68	7.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 85.06 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092294.D
Acq: 16 Jan 2017 19:32

Tgt Ion:	82	Resp:	1288928
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	47.8	39.5	59.3





#25

Isophorone

Concen: 46.03 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092294.D

Acq: 16 Jan 2017 19:32

Instrument :

BNA_F

ClientSampleId :

W-46

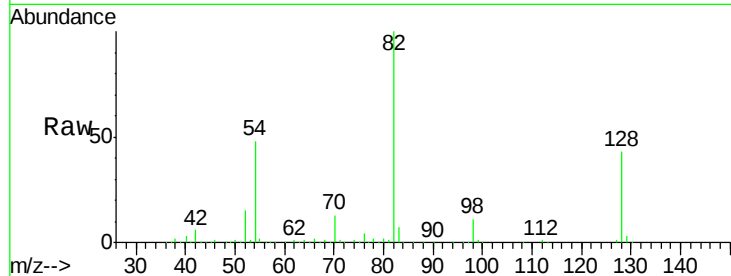
Tgt Ion: 82 Resp: 1286817

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

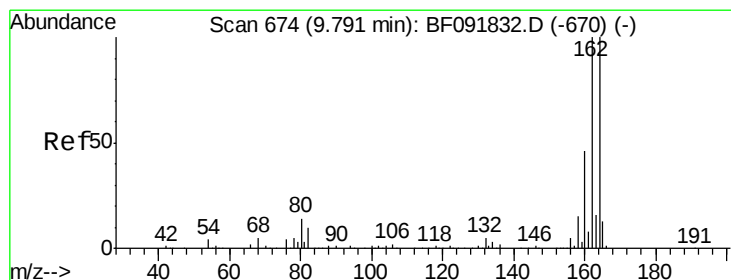
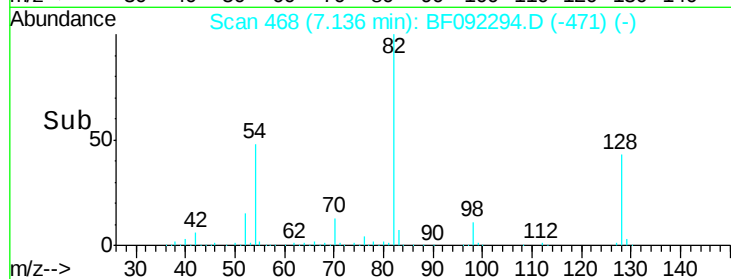
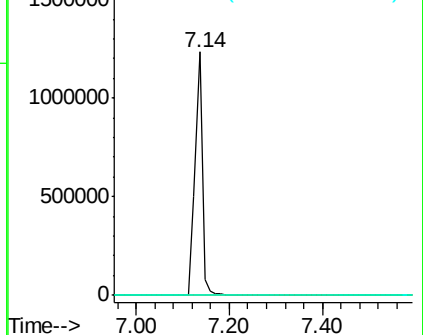
138 0.0 14.6 22.0#



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: BF092294.D

Acq: 16 Jan 2017 19:32

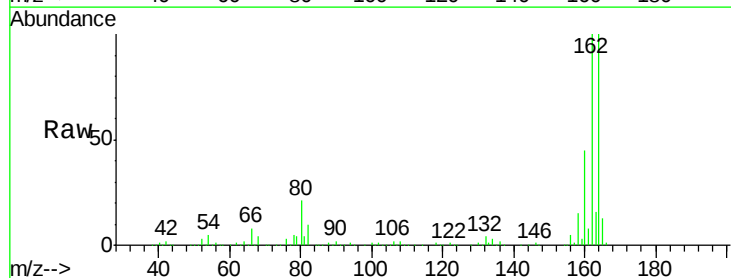
Tgt Ion: 164 Resp: 456810

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

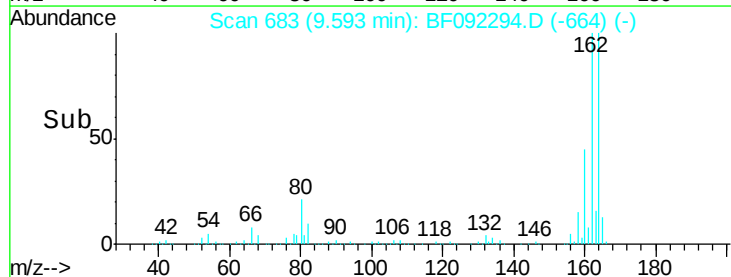
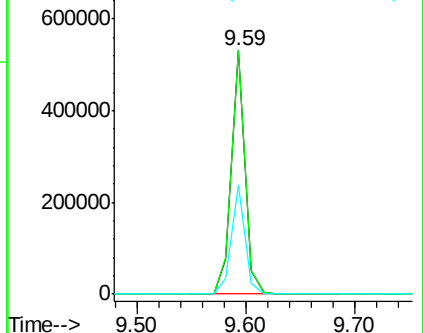
160 44.7 36.9 55.3

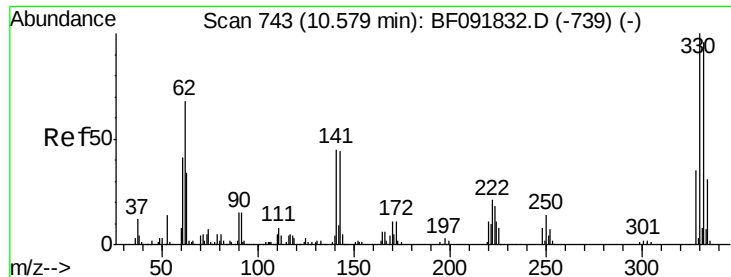


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

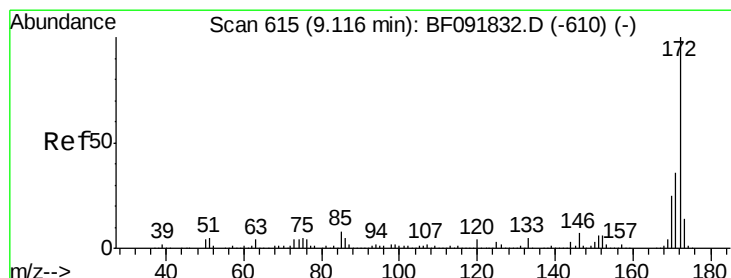
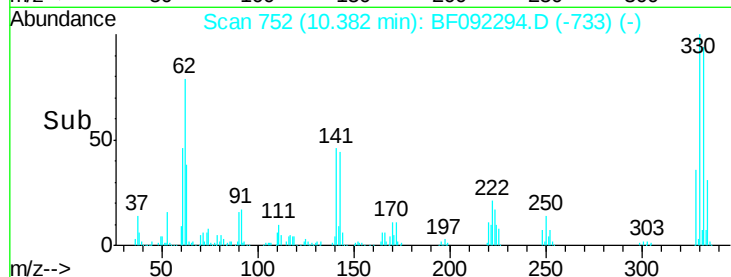
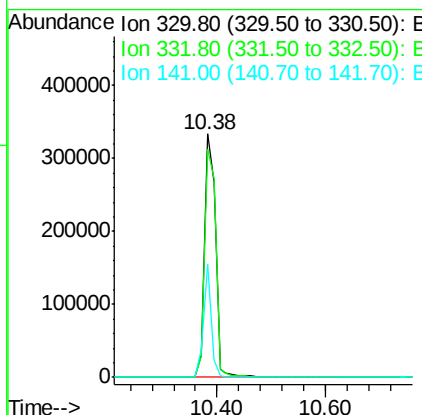
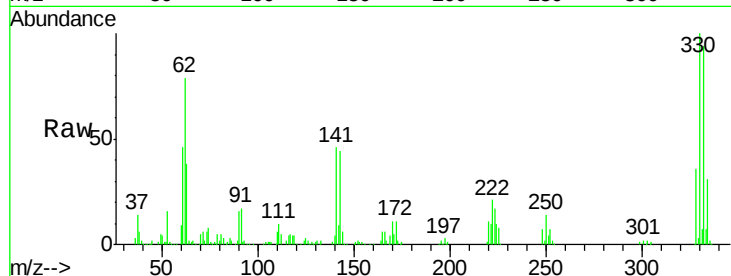




#41
 2,4,6-Tribromophenol
 Concen: 120.70 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092294.D
 Acq: 16 Jan 2017 19:32

Instrument :
 BNA_F
 ClientSampled :
 W-46

Tgt Ion:330 Resp: 456290
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 33.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 88.70 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092294.D
 Acq: 16 Jan 2017 19:32

Tgt Ion:172 Resp: 1965132
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 25.0 20.2 30.4

