

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091065.D
 Acq On : 7 Nov 2016 19:28
 Operator : UM/SJ
 Sample : H5543-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-111-1.0-1.5

Quant Time: Nov 07 23:57:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	190091	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	734484	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	293061	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	310541	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	217702	20.00	ng	0.03
86) Perylene-d12	15.29	264	270233	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1112241	96.63	ng	-0.02
7) Phenol-d6	6.33	99	1346903	86.22	ng	-0.02
23) Nitrobenzene-d5	7.24	82	679137	50.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	186058	70.22	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1321670	77.64	ng	-0.02
78) Terphenyl-d14	12.83	244	451541	51.76	ng	0.02

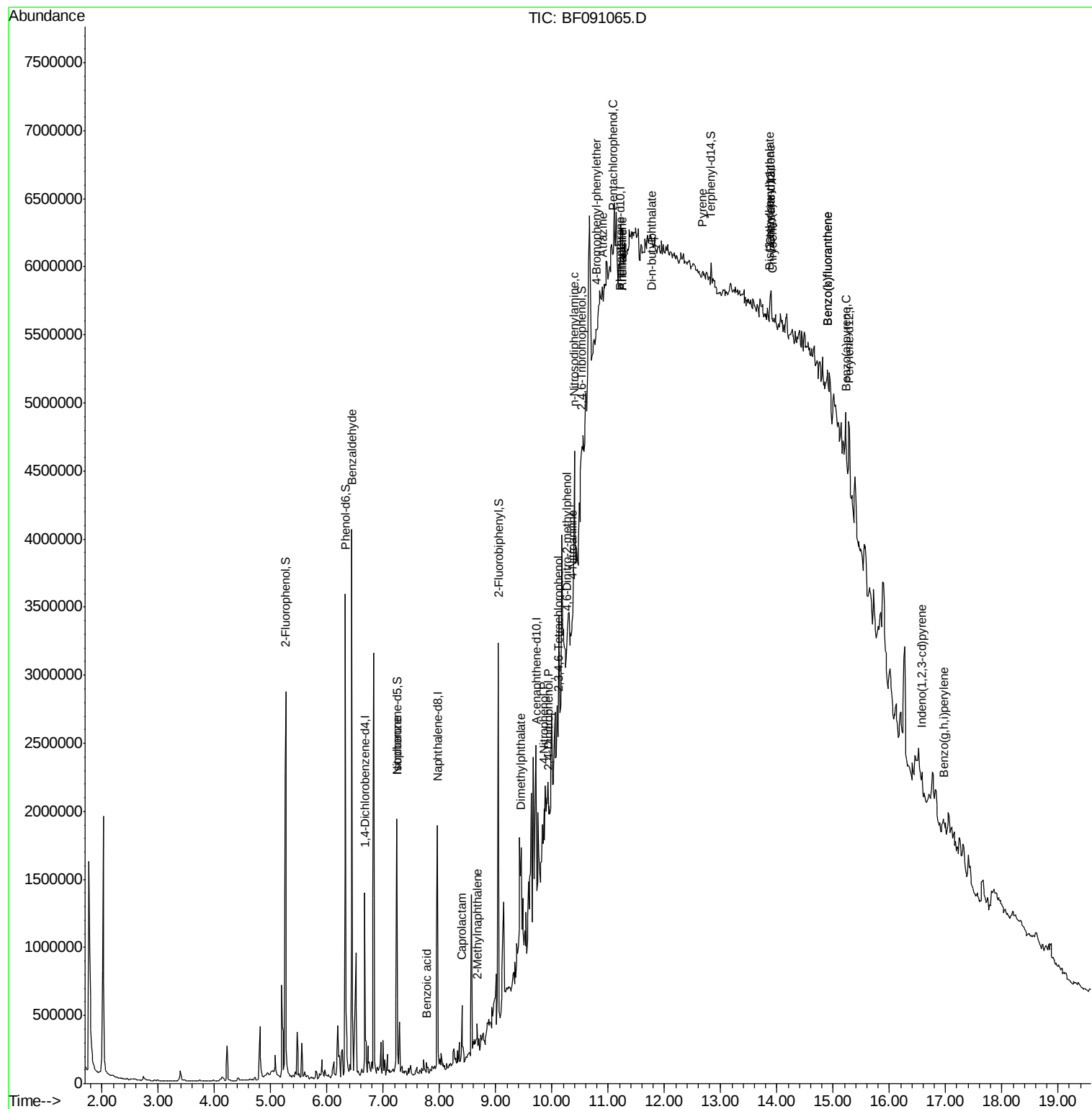
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	25942	2.99	ng	87
25) Isophorone	7.24	82	521902	20.12	ng	# 68
32) Benzoic acid	7.77	122	6225	5.76	ng	# 67
35) Caprolactam	8.40	113	8872	3.11	ng	# 1
37) 2-Methylnaphthalene	8.67	142	60386	2.67	ng	99
49) Dimethylphthalate	9.45	163	324232	16.87	ng	# 98
53) 2,4-Dinitrophenol	9.94	184	1313	6.80	ng	# 1
55) 4-Nitrophenol	9.86	139	15818	10.25	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.11	232	41823	10.54	ng	# 79
61) 4-Nitroaniline	10.36	138	12047	2.44	ng	# 40
64) 4,6-Dinitro-2-methylphenol	10.26	198	4951	2.60	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	72069	7.30	ng	# 55
66) 4-Bromophenyl-phenylether	10.78	248	15442	4.78	ng	# 1
68) Atrazine	10.91	200	7312	2.57	ng	# 1
69) Pentachlorophenol	11.08	266	3667	2.32	ng	# 6
70) Phenanthrene	11.24	178	178438	10.81	ng	# 66
71) Anthracene	11.24	178	178438	10.17	ng	# 64
73) Di-n-butylphthalate	11.77	149	63541	3.19	ng	# 46
77) Pyrene	12.68	202	77726	5.45	ng	# 64
80) Benzo(a)anthracene	13.88	228	46369	3.75	ng	# 48
82) Chrysene	13.92	228	45604	3.74	ng	# 55
83) Bis(2-ethylhexyl)phthalate	13.87	149	29010	3.14	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.58	276	38467	3.80	ng	95
87) Benzo(b)fluoranthene	14.90	252	80934	4.42	ng	# 1
88) Benzo(k)fluoranthene	14.90	252	78416	4.88	ng	# 1
89) Benzo(a)pyrene	15.23	252	39939	2.50	ng	# 1
91) Benzo(g,h,i)perylene	16.97	276	40423	3.24	ng	# 70

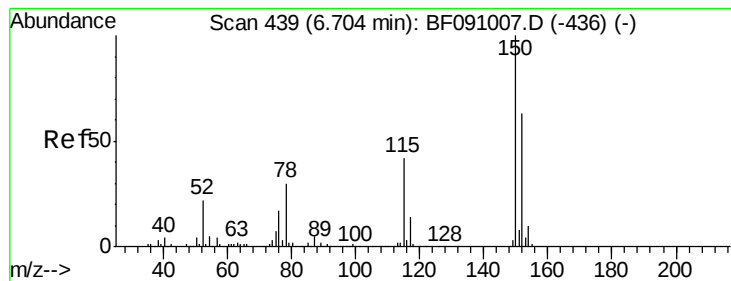
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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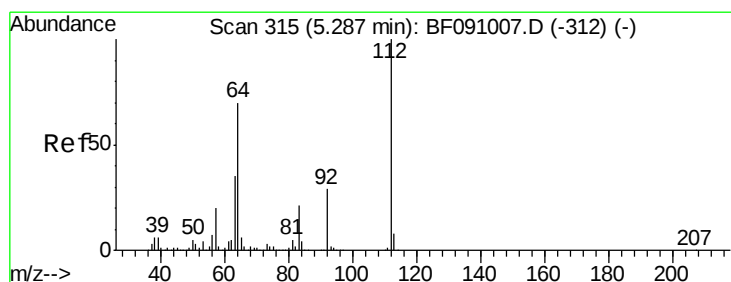
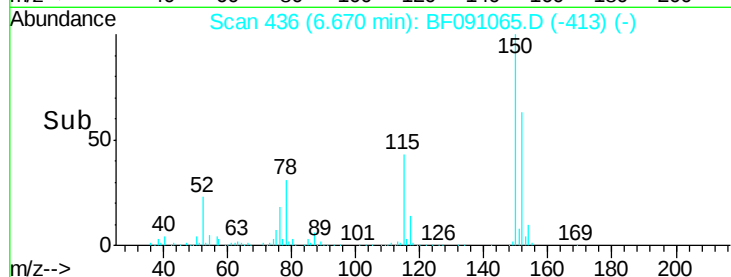
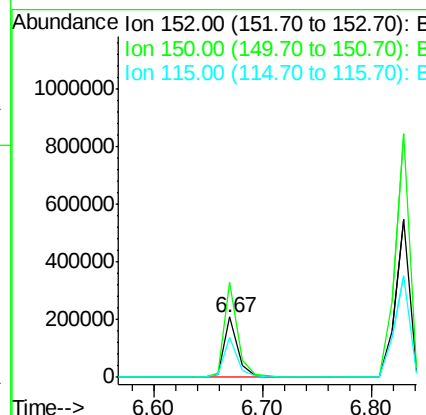
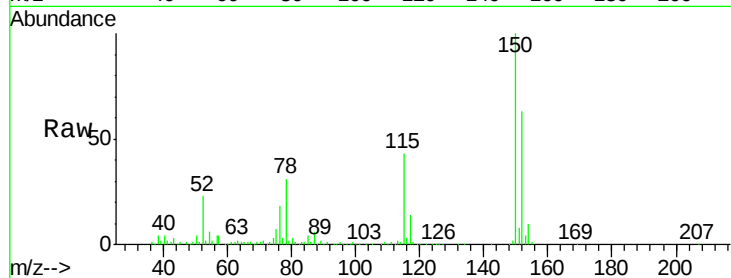




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF091065.D
 Acq: 7 Nov 2016 19:28

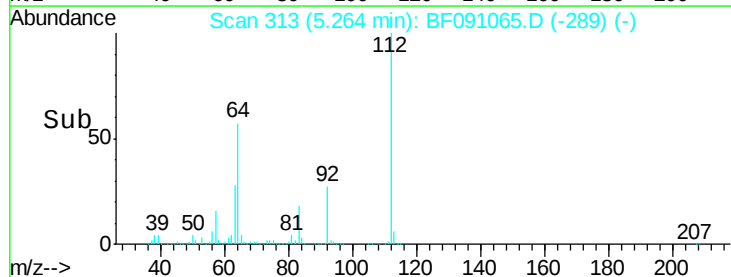
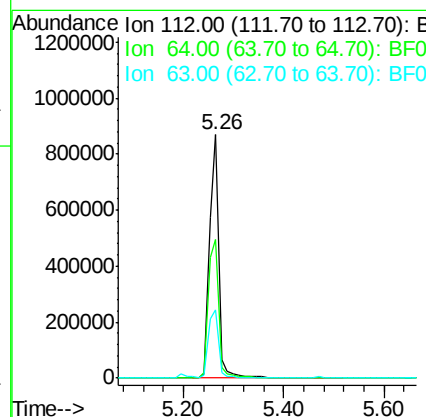
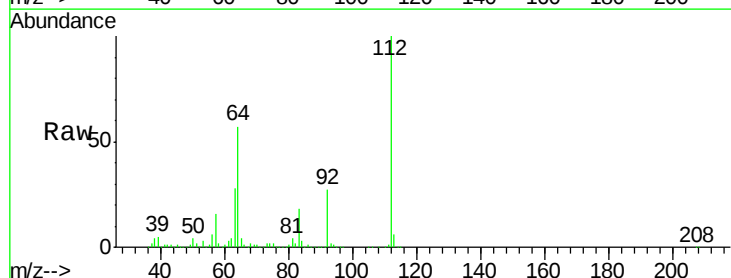
Instrument :
 BNA_F
 ClientSampleId :
 SB-111-1.0-1.5

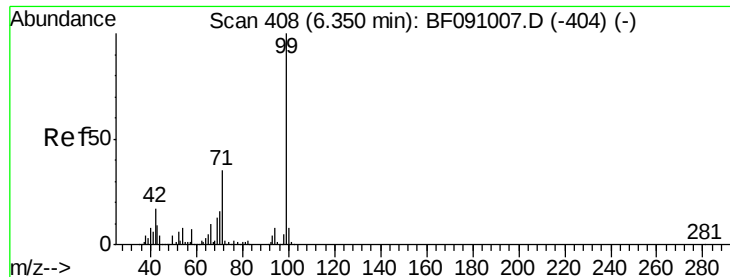
Tgt Ion:152 Resp: 190091
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.8 190.2
 115 67.2 53.3 79.9



#5
 2-Fluorophenol
 Concen: 96.63 ng
 RT: 5.26 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF091065.D
 Acq: 7 Nov 2016 19:28

Tgt Ion:112 Resp: 1112241
 Ion Ratio Lower Upper
 112 100
 64 56.9 55.8 83.6
 63 28.2 28.0 42.0





#7

Phenol-d6

Concen: 86.22 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

Instrument :

BNA_F

ClientSampleId :

SB-111-1.0-1.5

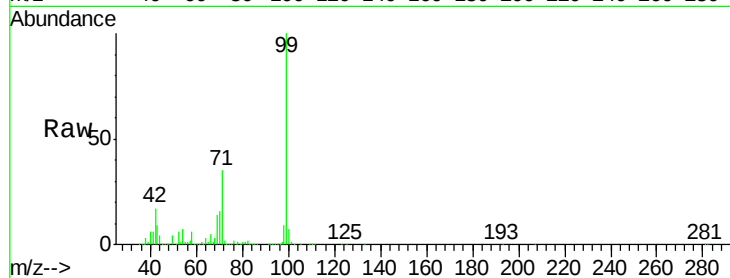
Tgt Ion: 99 Resp: 1346903

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

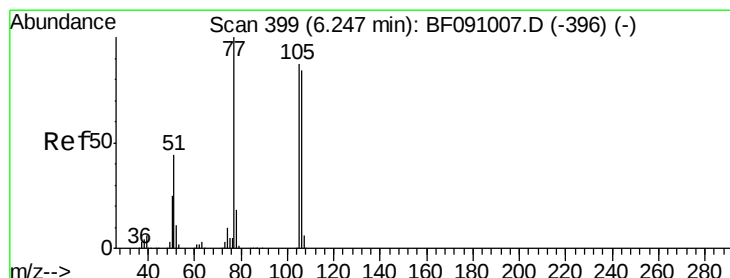
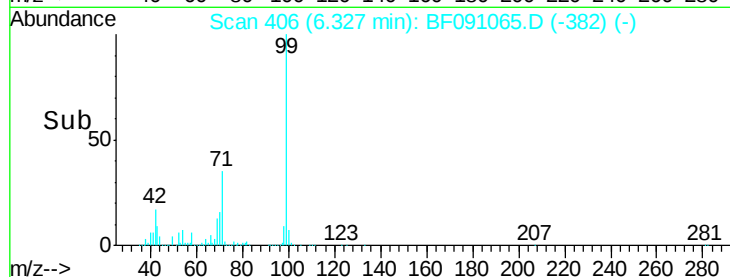
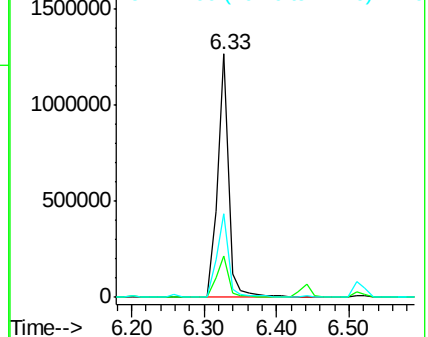
71 34.6 27.8 41.8



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



#9

Benzaldehyde

Concen: 2.99 ng

RT: 6.44 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

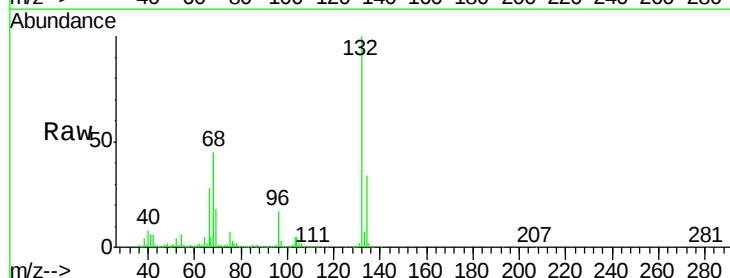
Tgt Ion: 77 Resp: 25942

Ion Ratio Lower Upper

77 100

105 78.0 66.8 106.8

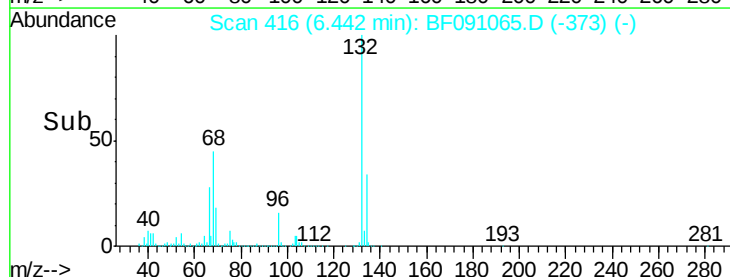
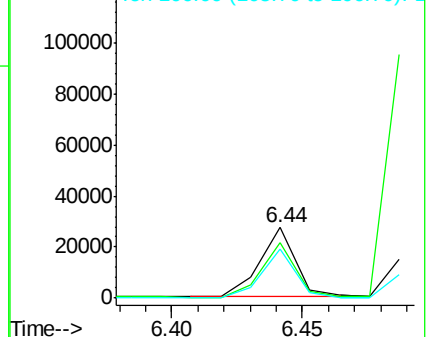
106 69.5 64.0 104.0

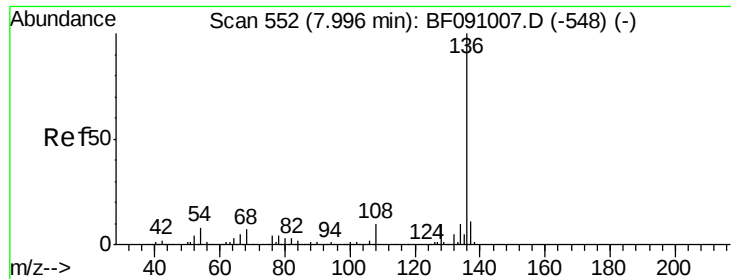


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

Instrument :

BNA_F

ClientSampleId :

SB-111-1.0-1.5

Tgt Ion:136 Resp: 734484

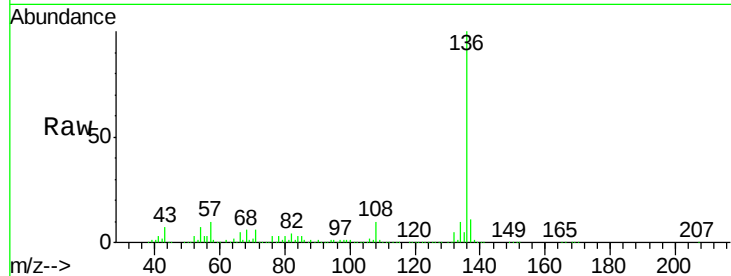
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.2 9.2

68 6.3 5.5 8.3

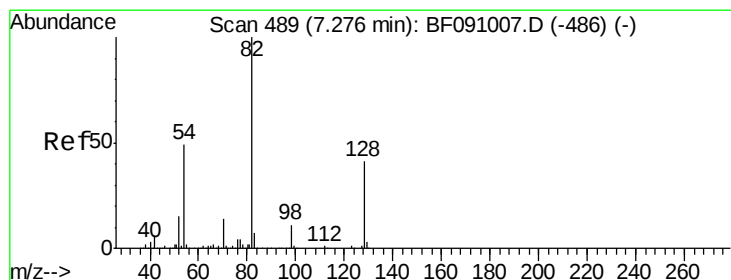
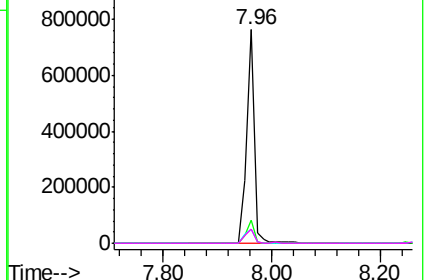
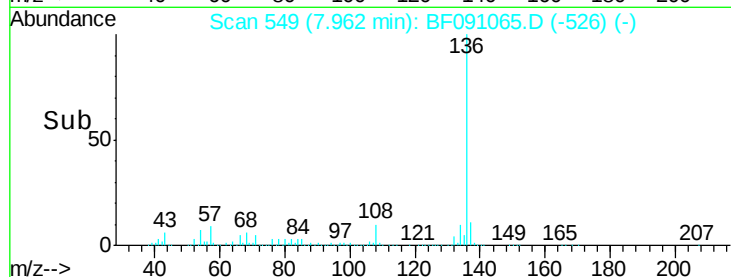


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.44 ng

RT: 7.24 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

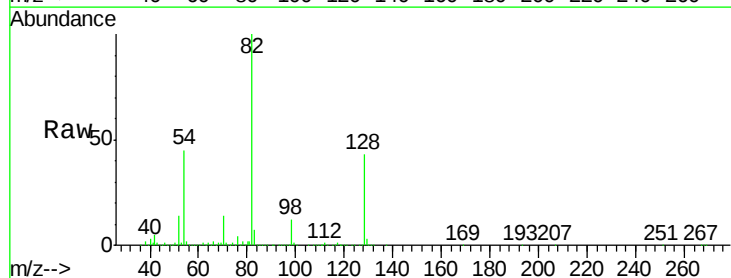
Tgt Ion: 82 Resp: 679137

Ion Ratio Lower Upper

82 100

128 43.4 32.4 48.6

54 45.5 39.2 58.8



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

