

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091088.D
 Acq On : 8 Nov 2016 18:07
 Operator : UM/SJ
 Sample : H5581-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM4

Quant Time: Nov 09 00:43:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

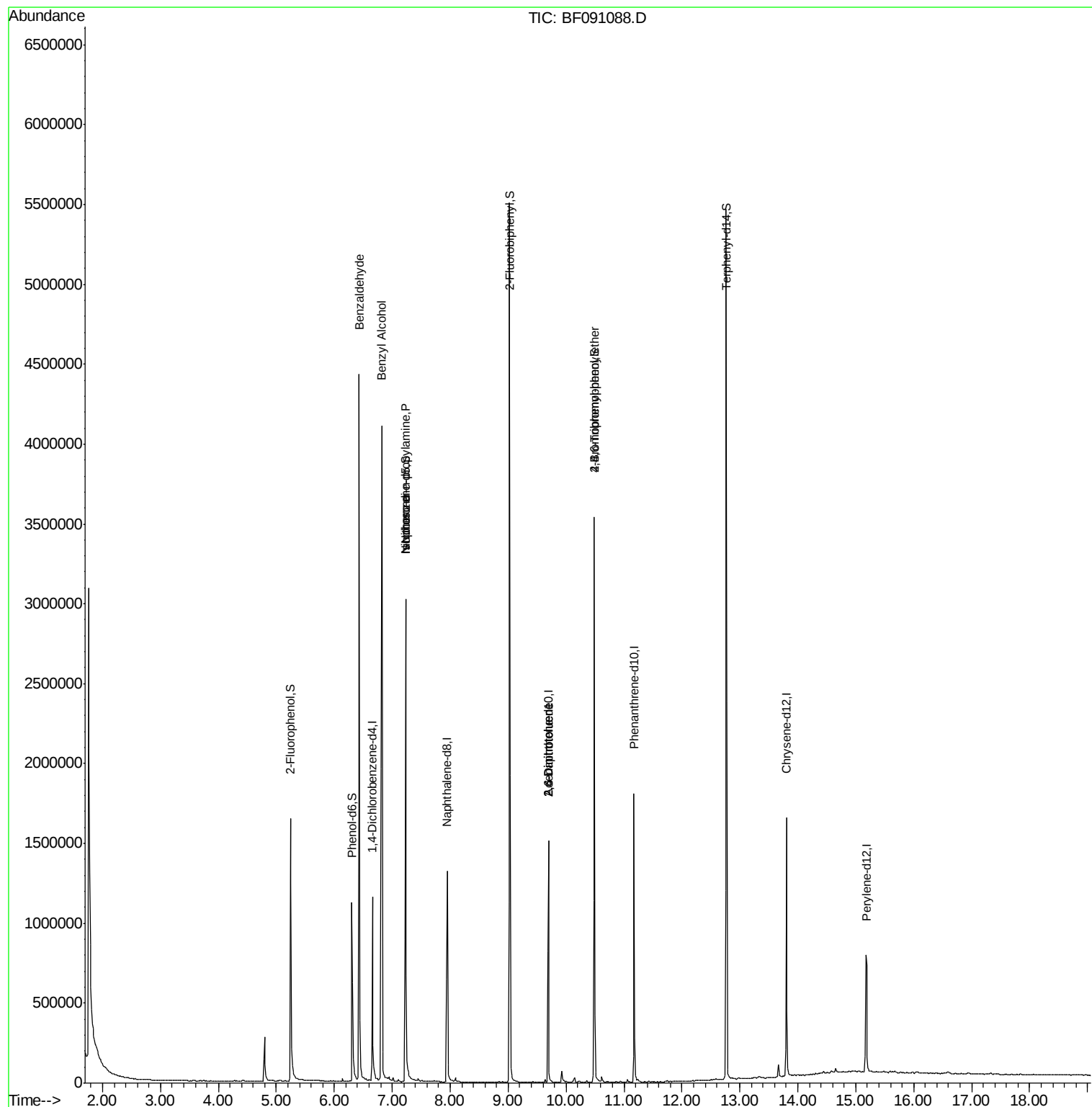
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181255	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	749101	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	384551	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	647988	20.00	ng	0.00
75) Chrysene-d12	13.80	240	528871	20.00	ng	-0.01
86) Perylene-d12	15.19	264	384822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	673569	61.37	ng	0.00
7) Phenol-d6	6.30	99	540059	36.25	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1246103	90.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	496375	142.78	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2026740	90.74	ng	-0.01
78) Terphenyl-d14	12.76	244	2123986	100.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	31648	3.83	ng	Qvalue 88
15) Benzyl Alcohol	6.82	79	23357	2.22	ng	# 50
19) n-Nitroso-di-n-propylamine	7.23	70	173844	16.84	ng	# 79
25) Isophorone	7.23	82	1011801	38.24	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	49161	9.10	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	49154	7.15	ng	# 25
66) 4-Bromophenyl-phenylether	10.49	248	32877	4.88	ng	# 1

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

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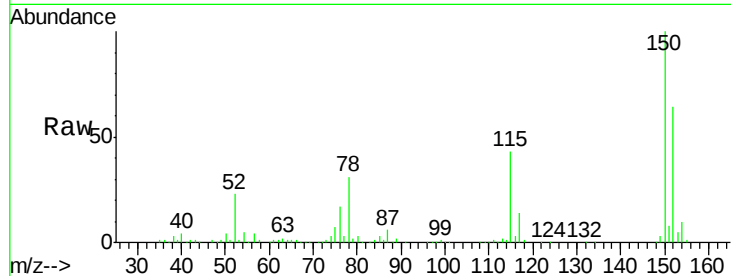


#1

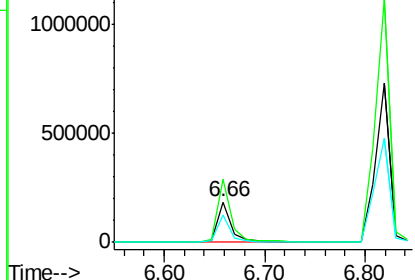
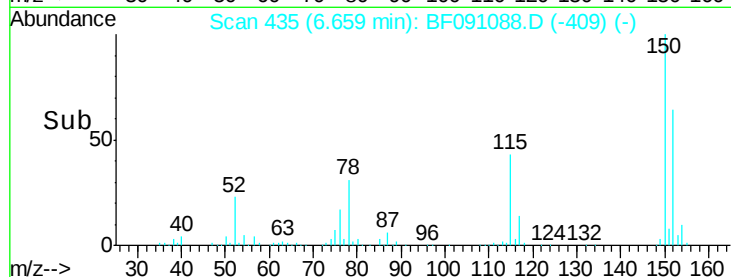
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Instrument :
BNA_F
ClientSampleId :
ERM4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.8	190.2
115	68.0	53.3	79.9



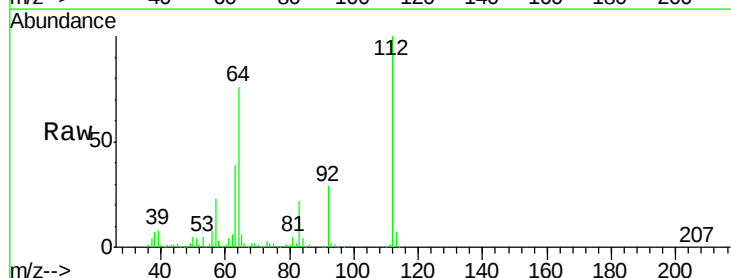
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



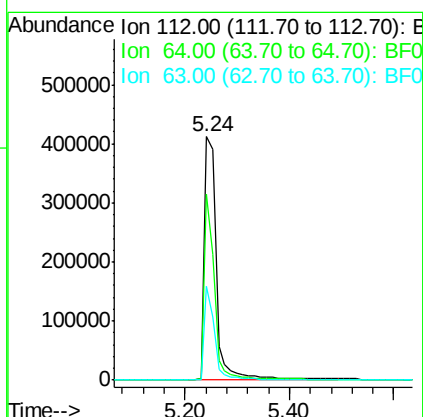
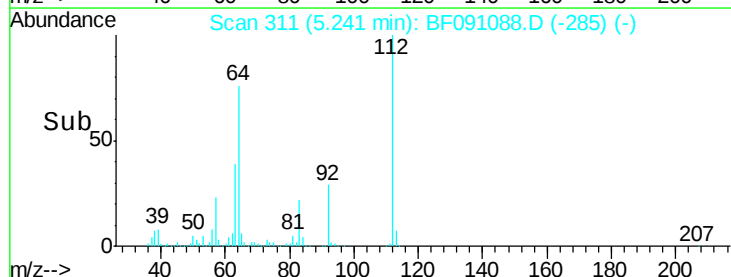
#5

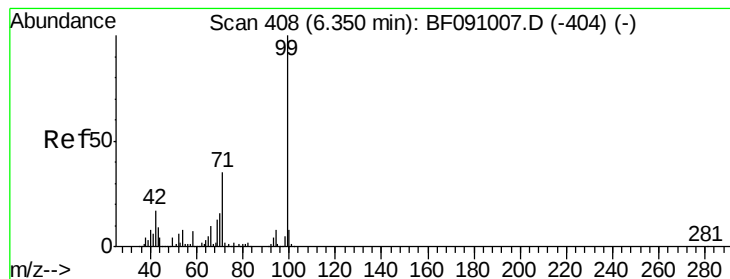
2-Fluorophenol
Concen: 61.37 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.4	55.8	83.6
63	38.6	28.0	42.0



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: 36.25 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091088.D

Acq: 8 Nov 2016 18:07

Instrument :

BNA_F

ClientSampleId :

ERM4

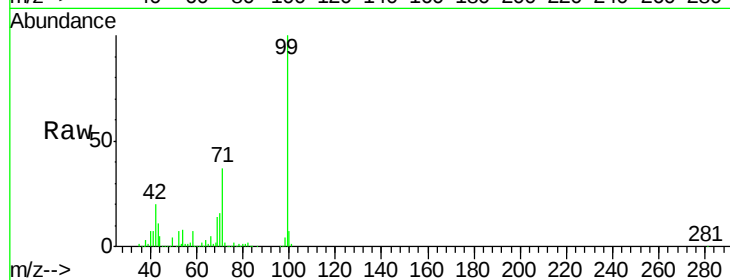
Tgt Ion: 99 Resp: 540059

Ion Ratio Lower Upper

99 100

42 19.9 13.9 20.9

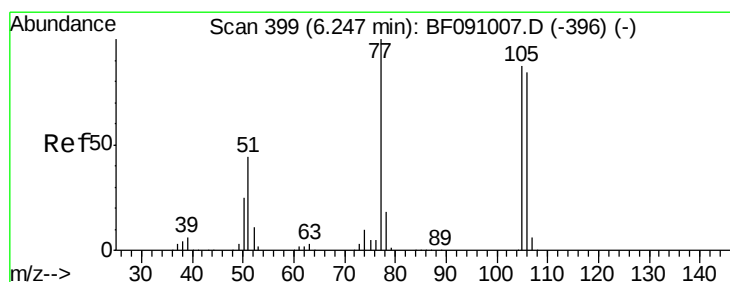
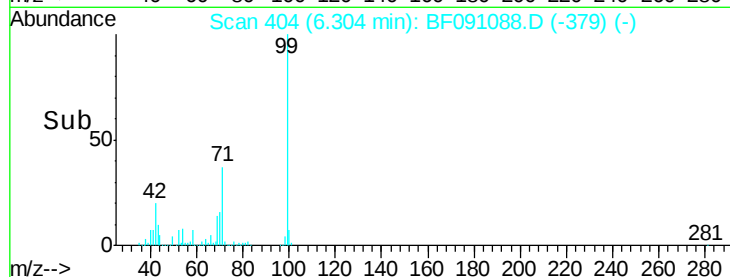
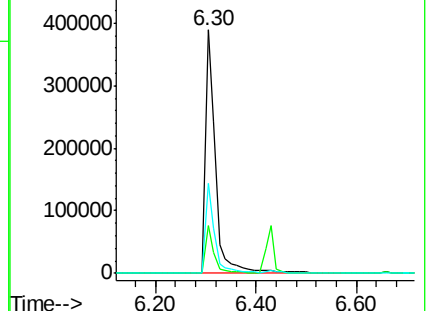
71 36.8 27.8 41.8



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: 3.83 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091088.D

Acq: 8 Nov 2016 18:07

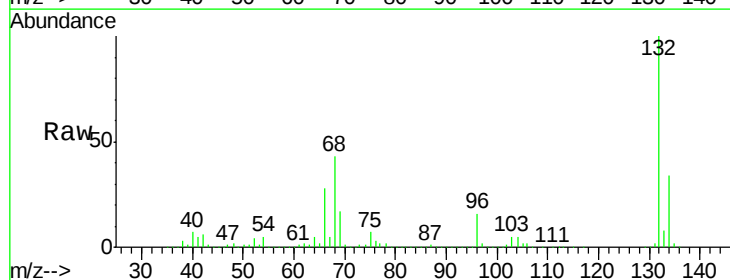
Tgt Ion: 77 Resp: 31648

Ion Ratio Lower Upper

77 100

105 77.3 66.8 106.8

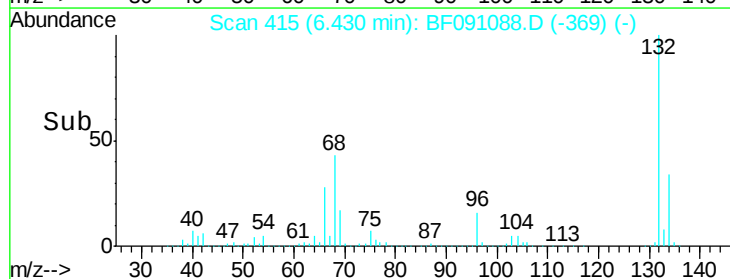
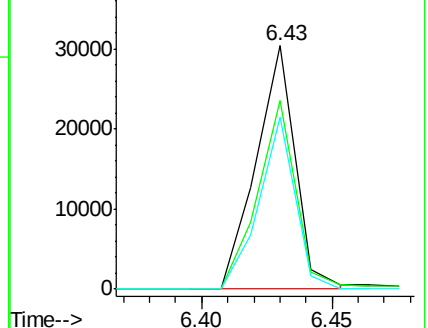
106 70.8 64.0 104.0

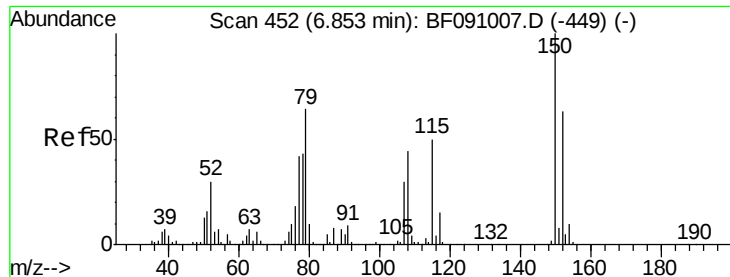


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091088.D

Acq: 8 Nov 2016 18:07

Instrument :

BNA_F

ClientSampleId :

ERM4

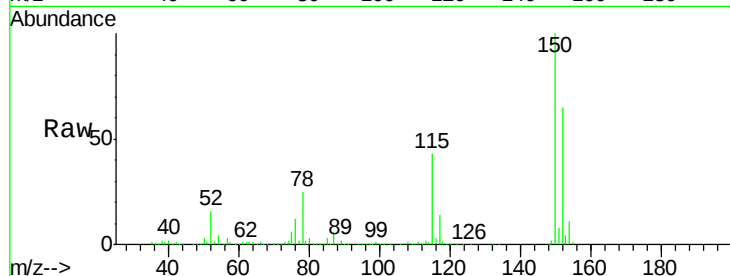
Tgt Ion: 79 Resp: 23357

Ion Ratio Lower Upper

79 100

108 32.0 55.7 83.5#

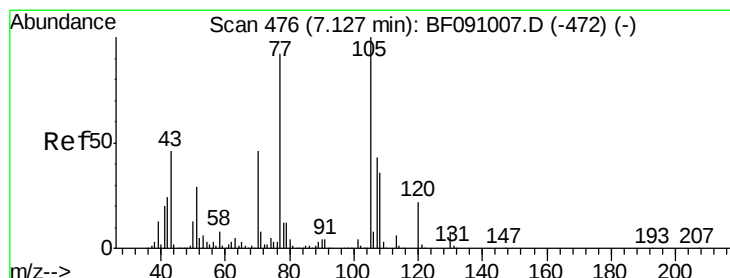
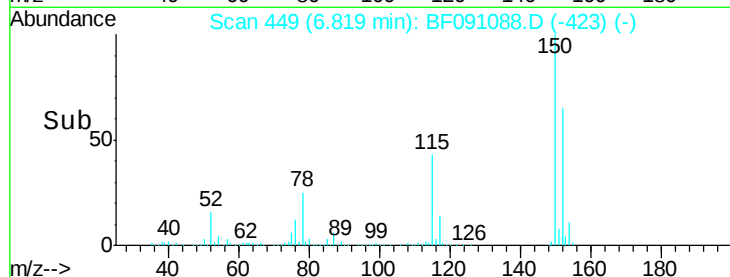
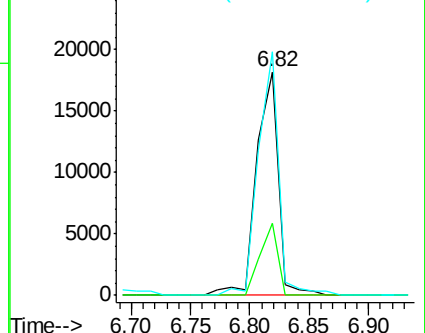
77 109.0 52.6 79.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.84 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091088.D

Acq: 8 Nov 2016 18:07

Tgt Ion: 70 Resp: 173844

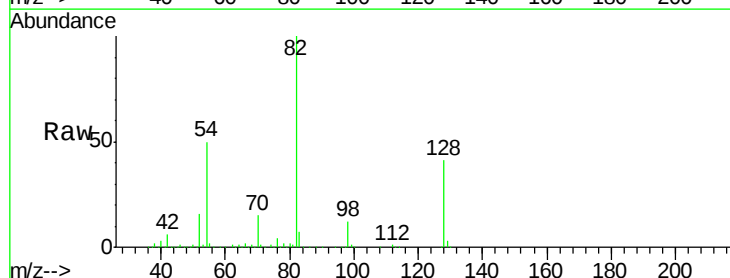
Ion Ratio Lower Upper

70 100

42 40.5 41.7 62.5#

101 0.0 6.7 10.1#

130 2.0 13.8 20.8#

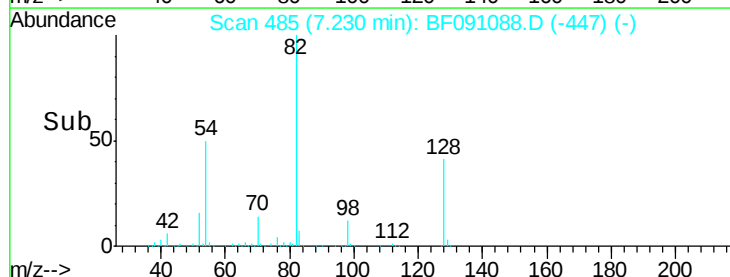
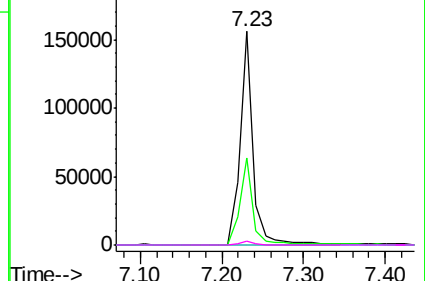


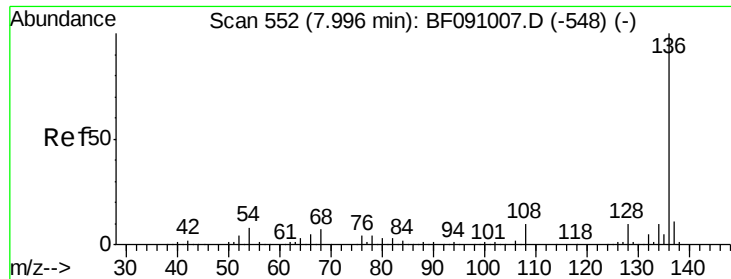
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

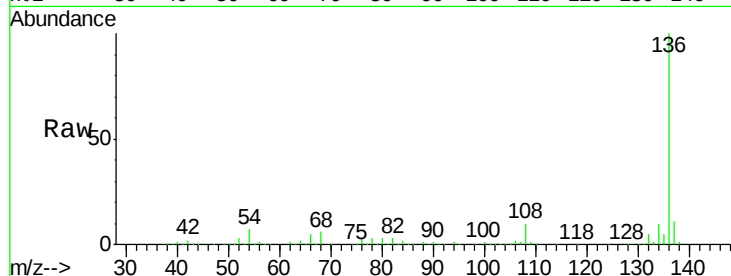




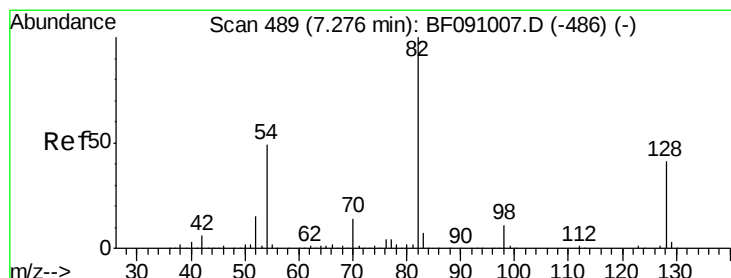
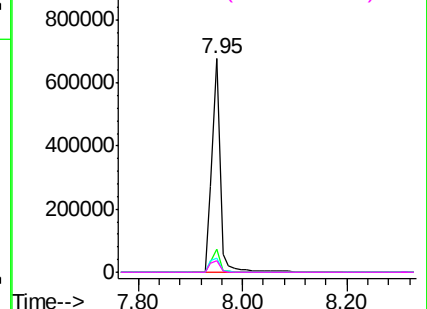
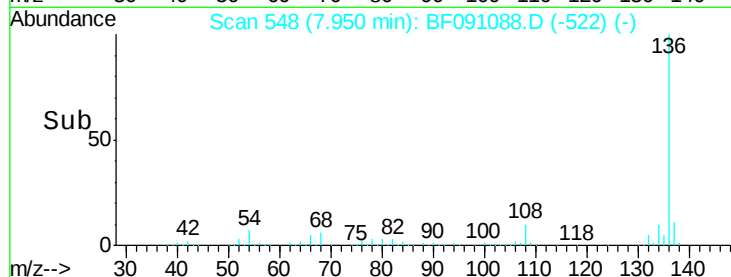
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Instrument :
BNA_F
ClientSampleId :
ERM4

Tgt Ion:	136	Resp:	749101
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.2	9.2
68	5.7	5.5	8.3

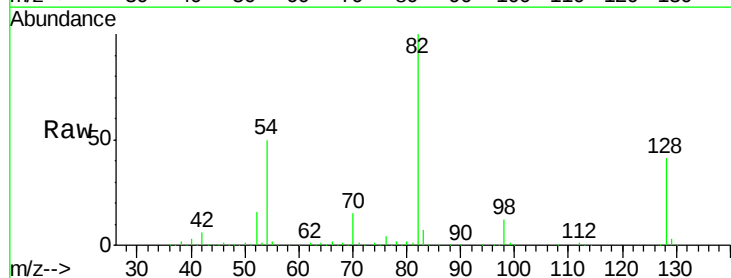


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 90.74 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Tgt Ion:	82	Resp:	1246103
Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.4	48.6
54	50.4	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

