

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091135.D
 Acq On : 9 Nov 2016 20:18
 Operator : UM/SJ
 Sample : H5602-01DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 USTD

Quant Time: Nov 09 22:45:00 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	200373	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	768280	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	478499	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	719683	20.00	ng	0.00
75) Chrysene-d12	13.80	240	471345	20.00	ng	-0.01
86) Perylene-d12	15.17	264	366016	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	2369	0.20	ng	0.15
7) Phenol-d6	6.34	99	18255	1.11	ng	0.02
23) Nitrobenzene-d5	7.22	82	609120	43.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	246508	56.98	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1143986	41.16	ng	-0.01
78) Terphenyl-d14	12.75	244	790434	41.85	ng	-0.01

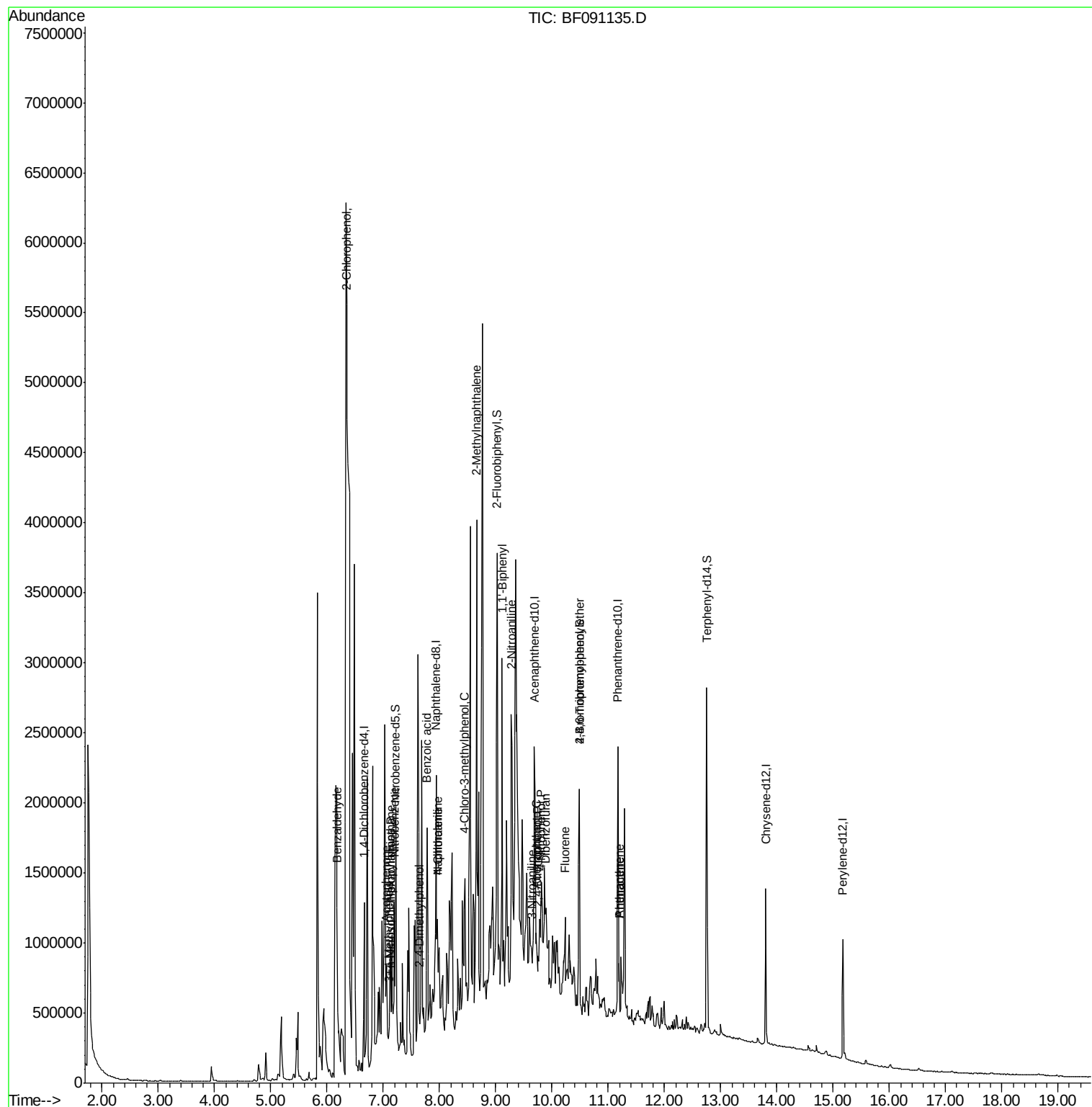
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) 2-Chlorophenol	6.34	128	169578	11.72	ng	# 32
9) Benzaldehyde	6.18	77	89471	9.79	ng	# 1
18) Hexachloroethane	7.13	117	40531	6.67	ng	# 1
19) n-Nitroso-di-n-propylamine	7.14	70	348847	30.57	ng	# 51
20) 3+4-Methylphenols	7.10	107	46072	3.35	ng	# 45
22) Acetophenone	7.06	105	181930	10.28	ng	# 72
24) Nitrobenzene	7.20	77	35143	2.26	ng	# 16
27) 2,4-Dimethylphenol	7.64	122	38210	3.51	ng	# 59
31) Naphthalene	7.96	128	258981	7.05	ng	# 95
32) Benzoic acid	7.78	122	31726	8.42	ng	# 33
33) 4-Chloroaniline	7.96	127	60797	3.98	ng	# 38
36) 4-Chloro-3-methylphenol	8.45	107	25657	2.23	ng	# 38
37) 2-Methylnaphthalene	8.66	142	1108014	46.91	ng	100
45) 1,1'-Biphenyl	9.12	154	116276	3.33	ng	89
47) 2-Nitroaniline	9.28	65	50191	5.10	ng	# 41
51) Acenaphthene	9.72	154	56994	2.20	ng	97
52) 3-Nitroaniline	9.64	138	84323	10.57	ng	# 9
53) 2,4-Dinitrophenol	9.73	184	845	6.47	ng	# 1
54) Dibenzofuran	9.89	168	79185	2.27	ng	# 87
55) 4-Nitrophenol	9.80	139	9502	7.39	ng	# 60
57) Fluorene	10.24	166	105855	3.71	ng	# 96
66) 4-Bromophenyl-phenylether	10.49	248	16758	2.24	ng	# 1
70) Phenanthrene	11.20	178	134902	3.53	ng	98
71) Anthracene	11.20	178	134902	3.32	ng	97

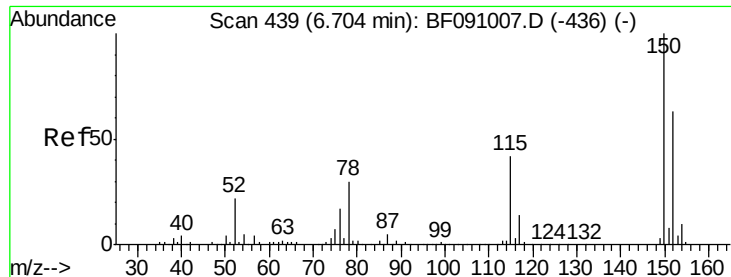
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleId :

USTDL

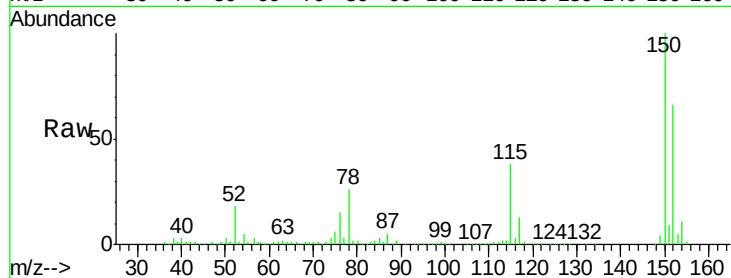
Tgt Ion:152 Resp: 200373

Ion Ratio Lower Upper

152 100

150 152.3 126.8 190.2

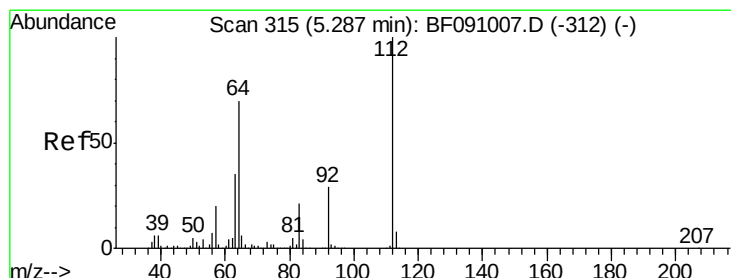
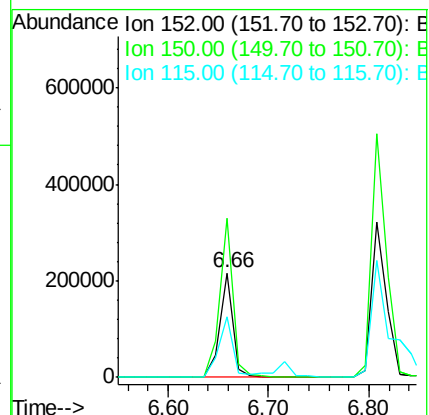
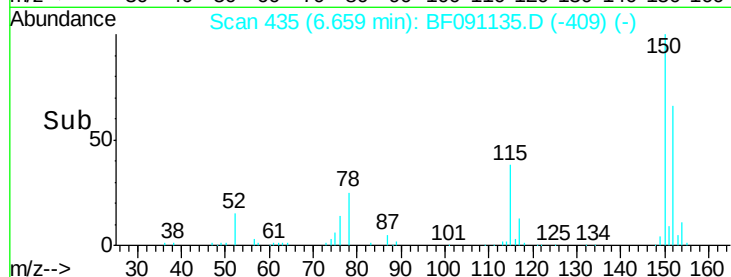
115 58.3 53.3 79.9



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: 0.20 ng

RT: 5.39 min Scan# 324

Delta R.T. 0.15 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

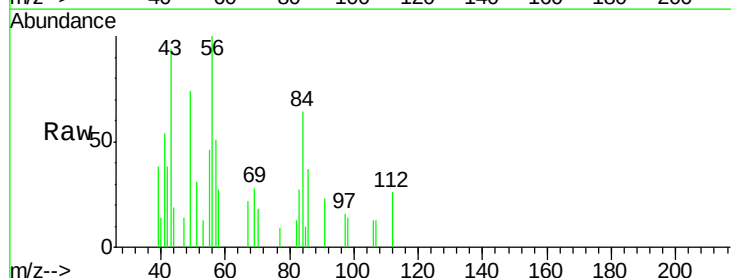
Tgt Ion:112 Resp: 2369

Ion Ratio Lower Upper

112 100

64 0.0 55.8 83.6#

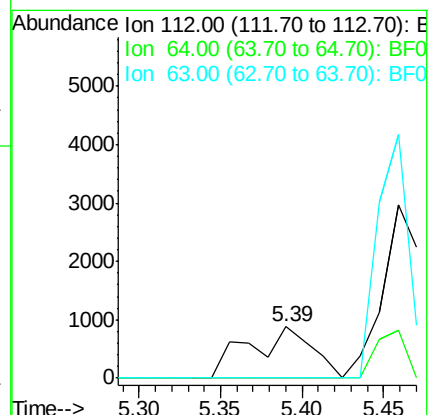
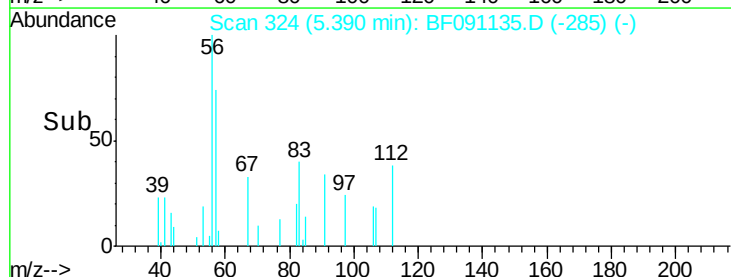
63 0.0 28.0 42.0#

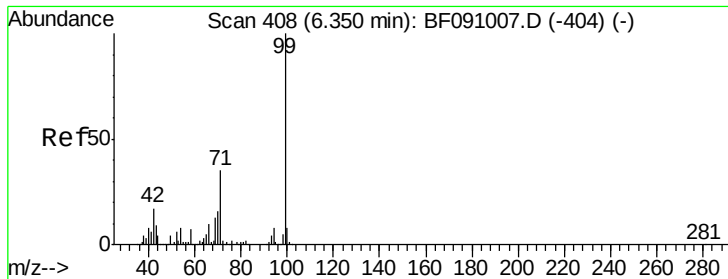


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.11 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.02 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleId :

USTDL

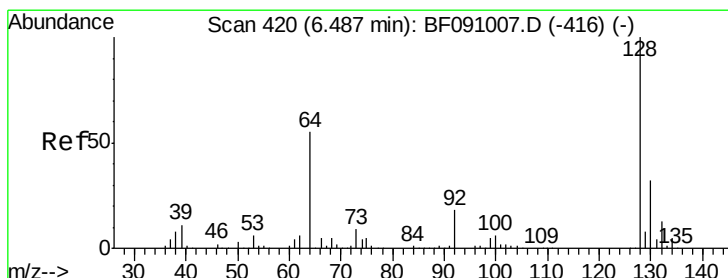
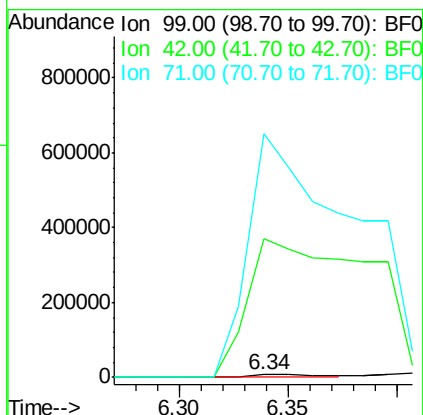
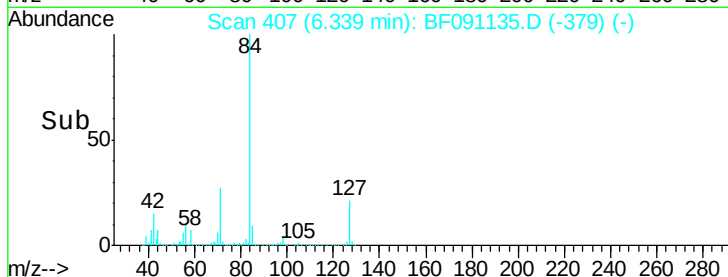
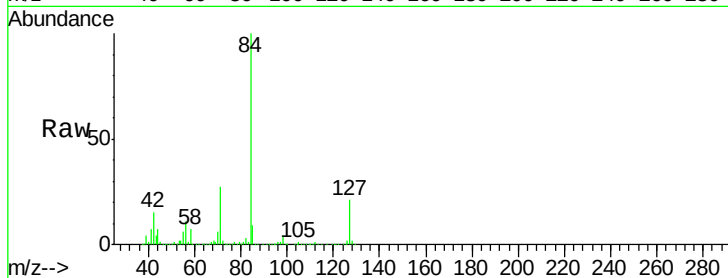
Tgt Ion: 99 Resp: 18255

Ion Ratio Lower Upper

99 100

42 4944.9 13.9 20.9#

71 8692.9 27.8 41.8#



#8

2-Chlorophenol

Concen: 11.72 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.11 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

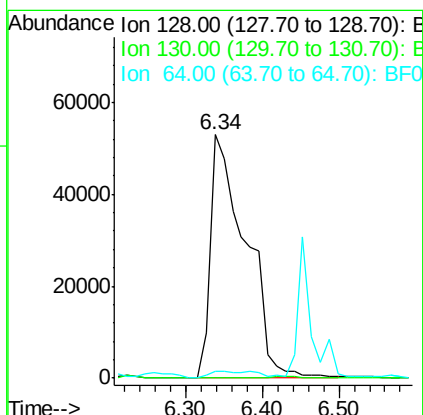
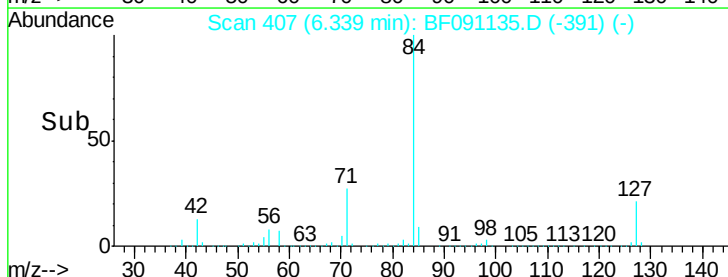
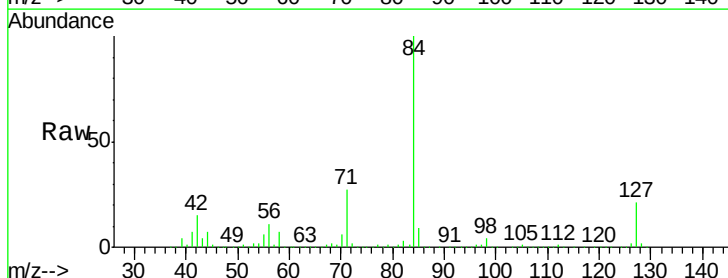
Tgt Ion: 128 Resp: 169578

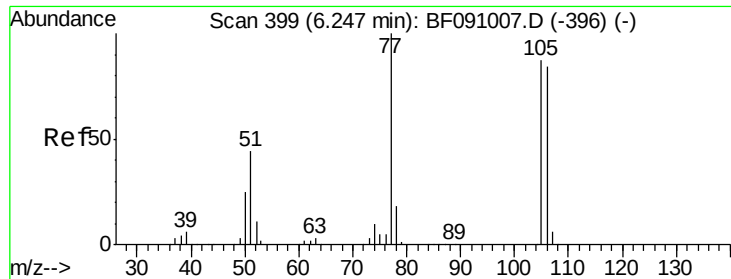
Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

64 2.7 37.2 77.2#





#9

Benzaldehyde

Concen: 9.79 ng

RT: 6.18 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleId :

USTDL

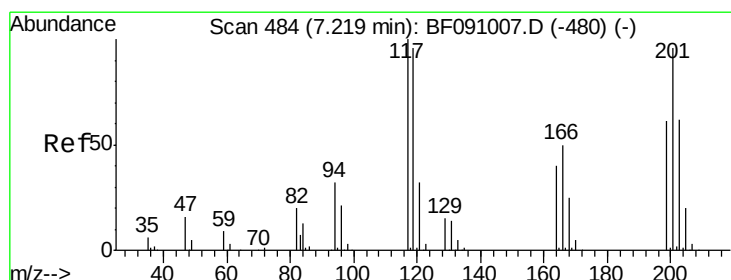
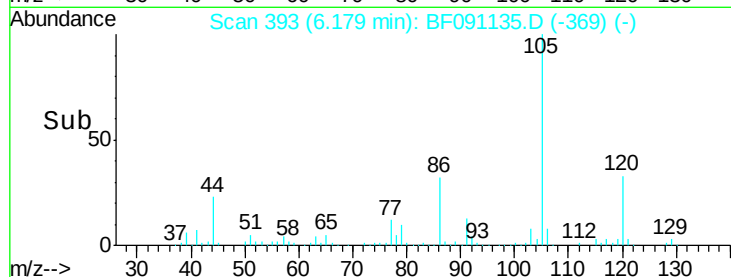
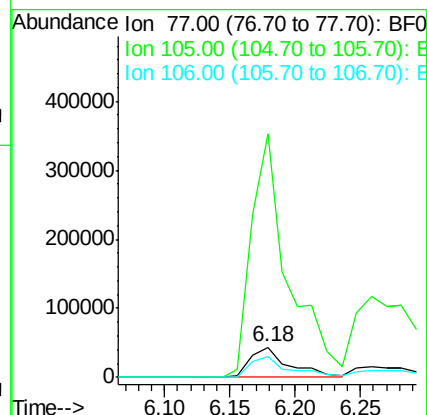
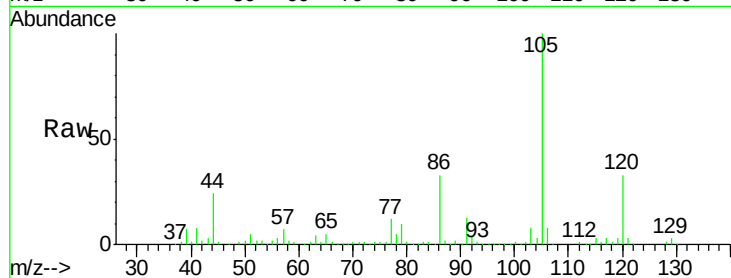
Tgt Ion: 77 Resp: 89471

Ion Ratio Lower Upper

77 100

105 804.1 66.8 106.8#

106 68.3 64.0 104.0



#18

Hexachloroethane

Concen: 6.67 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

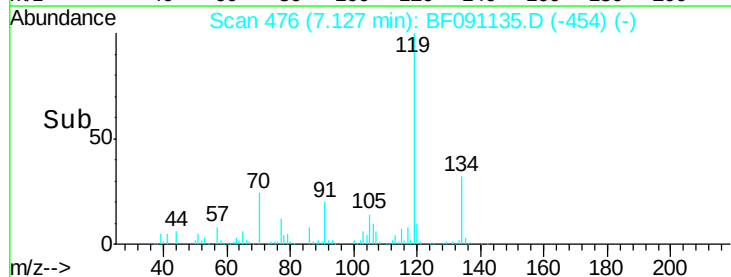
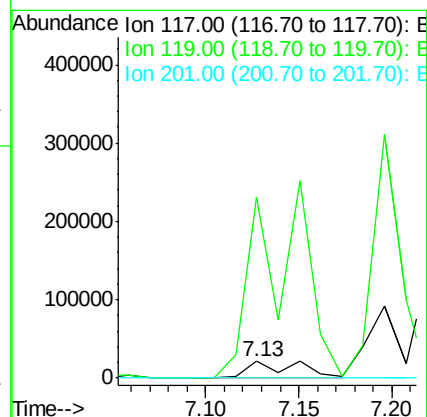
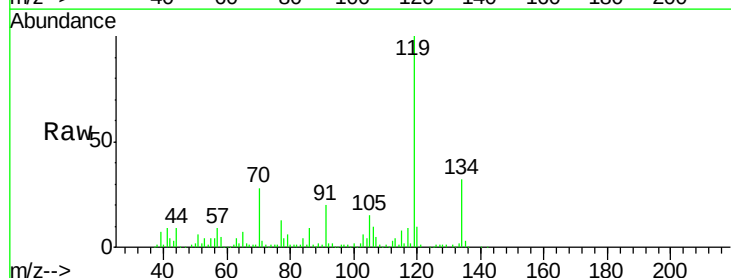
Tgt Ion: 117 Resp: 40531

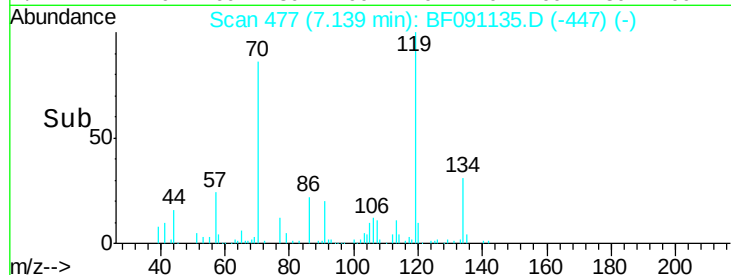
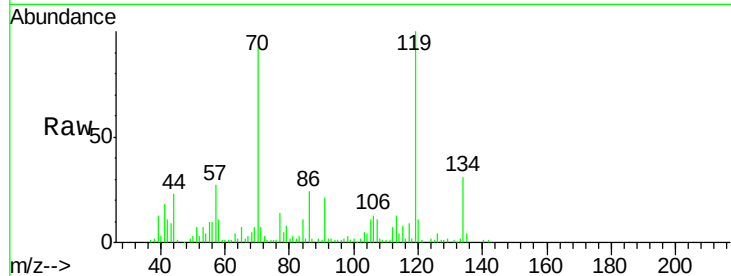
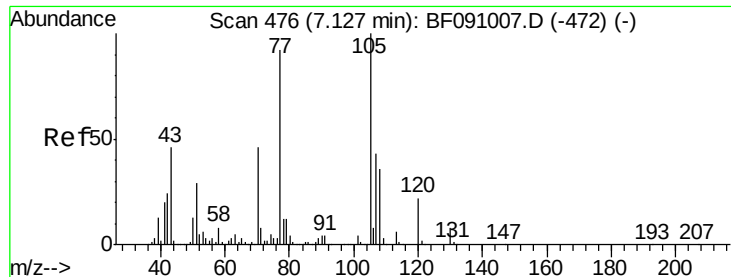
Ion Ratio Lower Upper

117 100

119 1082.6 76.6 115.0#

201 0.0 77.1 115.7#

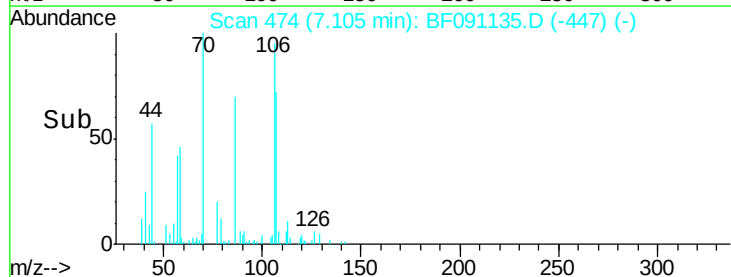
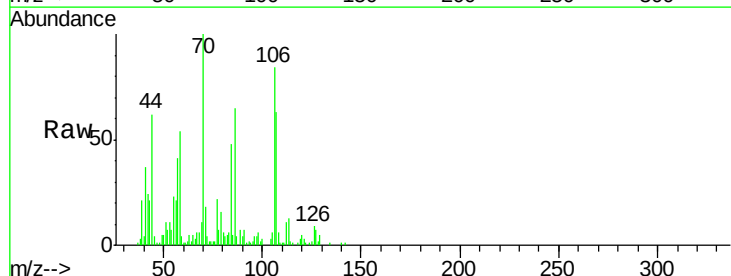
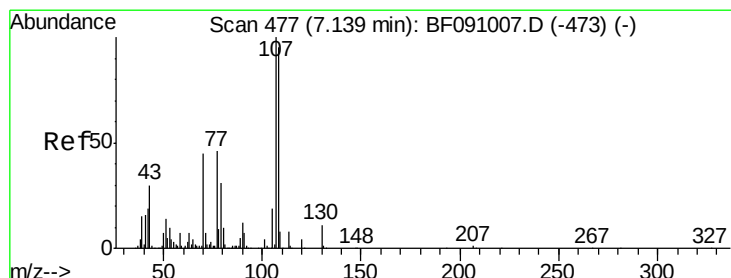
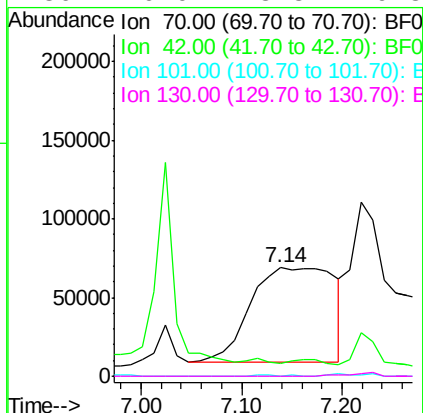




#19
n-Nitroso-di-n-propylamine
Concen: 30.57 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.05 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

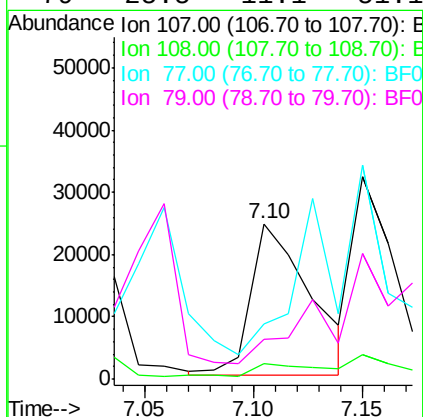
Instrument :
BNA_F
ClientSampleId :
USTDL

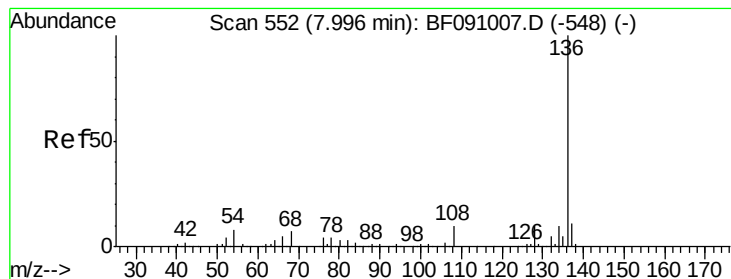
Tgt Ion: 70 Resp: 348847
Ion Ratio Lower Upper
70 100
42 12.3 41.7 62.5#
101 0.5 6.7 10.1#
130 0.0 13.8 20.8#



#20
3+4-Methylphenols
Concen: 3.35 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

Tgt Ion: 107 Resp: 46072
Ion Ratio Lower Upper
107 100
108 9.8 75.5 115.5#
77 35.1 26.4 66.4
79 25.5 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Instrument :

BNA_F

ClientSampleID :

USTDL

Tgt Ion:136 Resp: 768280

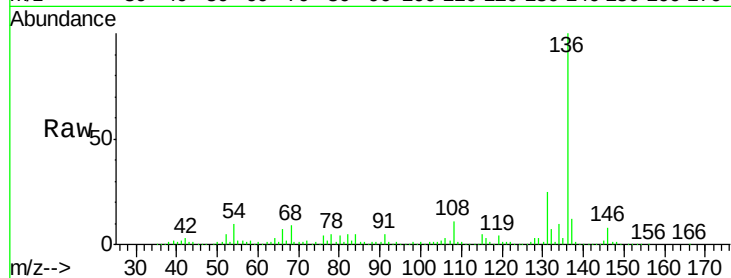
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.2 6.2 9.2#

68 8.9 5.5 8.3#

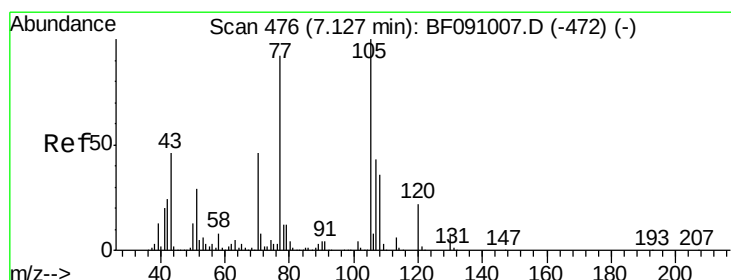
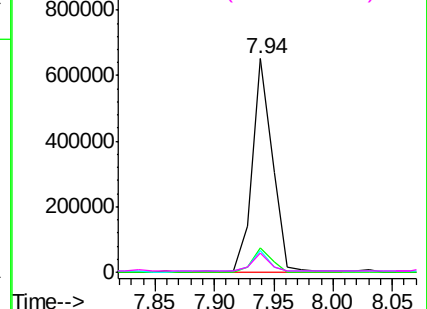
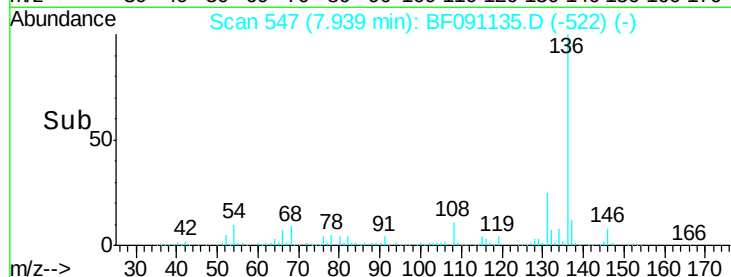


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 10.28 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091135.D

Acq: 9 Nov 2016 20:18

Tgt Ion:105 Resp: 181930

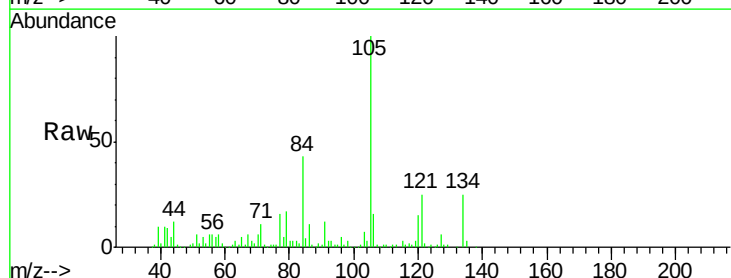
Ion Ratio Lower Upper

105 100

71 10.7 6.2 9.2#

51 5.9 23.3 34.9#

120 14.6 17.4 26.0#

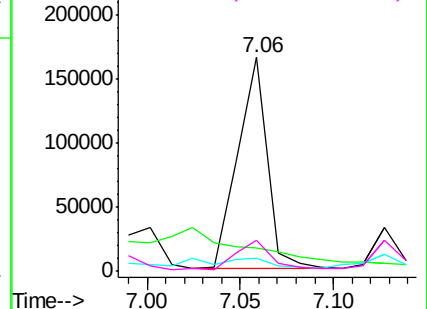
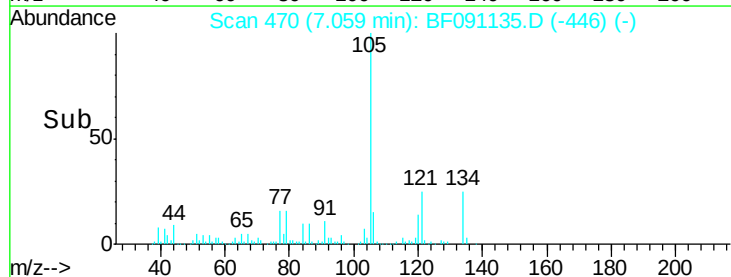


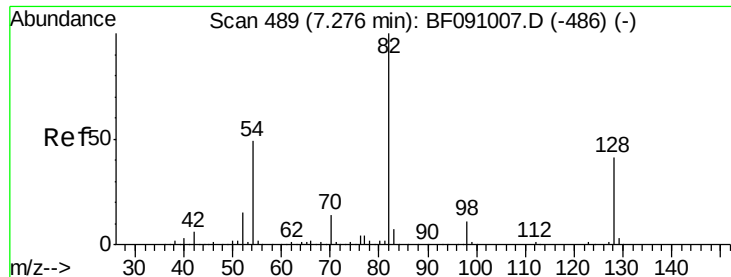
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

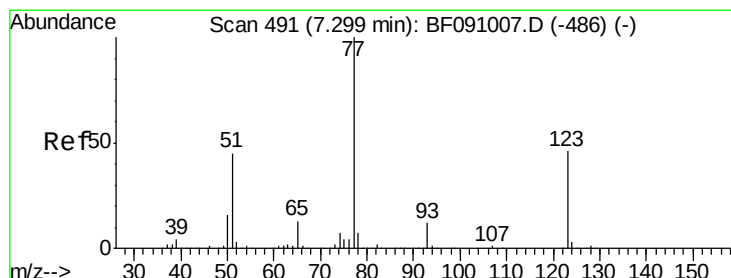
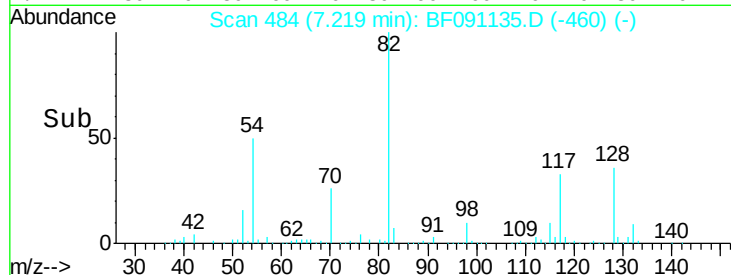
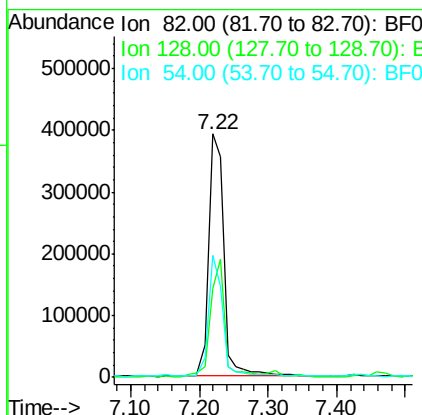
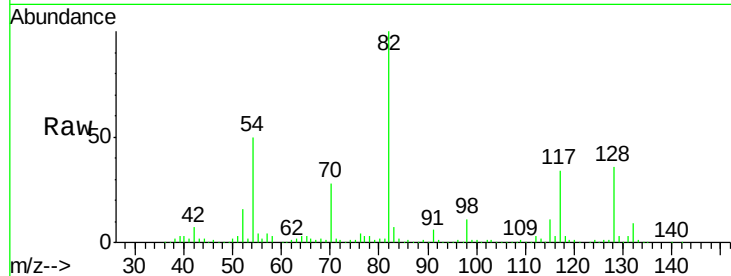




#23
Nitrobenzene-d5
Concen: 43.25 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

Instrument :
BNA_F
ClientSampled :
USTDL

Tgt Ion: 82 Resp: 609120
Ion Ratio Lower Upper
82 100
128 36.4 32.4 48.6
54 50.2 39.2 58.8



#24
Nitrobenzene
Concen: 2.26 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.06 min
Lab File: BF091135.D
Acq: 9 Nov 2016 20:18

Tgt Ion: 77 Resp: 35143
Ion Ratio Lower Upper
77 100
123 0.0 36.5 54.7#
65 66.6 10.7 16.1#

