

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086948.D
 Acq On : 12 May 2016 23:48
 Operator : UM/SJ
 Sample : H2994-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1767-00(0-2)

Quant Time: May 13 00:52:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	596220	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	262985	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	362713	20.00	ng	-0.08
75) Chrysene-d12	13.77	240	268926	20.00	ng	-0.07
86) Perylene-d12	15.13	264	310581	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	796122	0.00	ng	-0.07
7) Phenol-d6	6.28	99	1028887	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	791364	66.65	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	177479	63.75	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1039203	66.41	ng	-0.07
78) Terphenyl-d14	12.72	244	574026	45.29	ng	-0.08

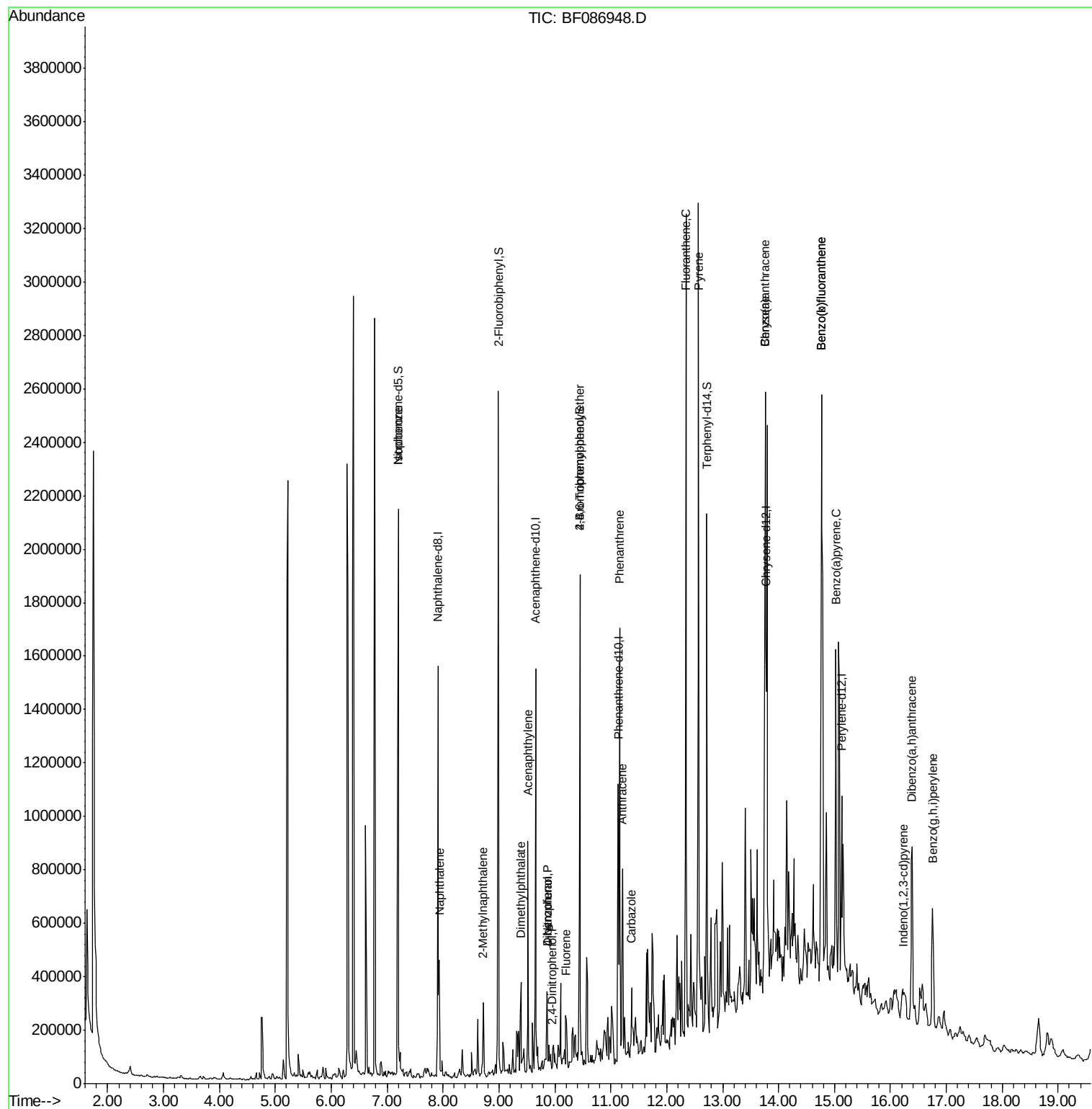
Target Compounds						Qvalue
25) Isophorone	7.20	82	761454	34.56	ng	# 68
31) Naphthalene	7.93	128	162462	5.44	ng	99
37) 2-Methylnaphthalene	8.72	142	68152	3.90	ng	97
48) Acenaphthylene	9.52	152	341119	14.15	ng	99
49) Dimethylphthalate	9.39	163	99303	4.95	ng	99
53) 2,4-Dinitrophenol	9.94	184	535	7.92	ng	# 71
54) Dibenzofuran	9.86	168	75230	3.91	ng	# 98
55) 4-Nitrophenol	9.86	139	31781	14.67	ng	# 17
57) Fluorene	10.20	166	72620	4.42	ng	96
60) 4-Chlorophenyl-phenylether	10.01	204	647	Below Cal		# 50
66) 4-Bromophenyl-phenylether	10.44	248	11257	3.06	ng	# 1
70) Phenanthrene	11.15	178	645258	33.34	ng	99
71) Anthracene	11.21	178	324898	16.41	ng	99
72) Carbazole	11.37	167	96842	5.69	ng	98
74) Fluoranthene	12.34	202	1267913	63.69	ng	98
77) Pyrene	12.57	202	1277805	62.06	ng	99
80) Benzo(a)anthracene	13.76	228	901155	59.69	ng	# 92
82) Chrysene	13.76	228	901155	58.68	ng	94
85) Indeno(1,2,3-cd)pyrene	16.24	276	89012	6.97	ng	95
87) Benzo(b)fluoranthene	14.77	252	1705167	84.48	ng	97
88) Benzo(k)fluoranthene	14.77	252	1705167	103.17	ng	98
89) Benzo(a)pyrene	15.03	252	589360	33.85	ng	98
90) Dibenzo(a,h)anthracene	16.39	278	143510	9.78	ng	95
91) Benzo(g,h,i)perylene	16.75	276	332112	22.28	ng	95

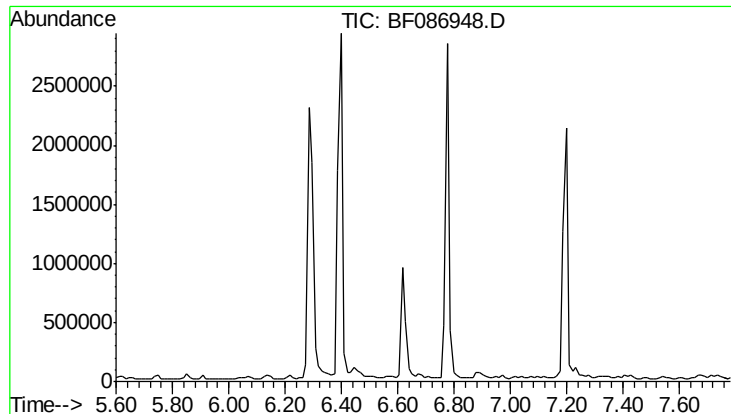
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086948.D

Acq: 12 May 2016 23:48

Instrument :

BNA_F

ClientSampleId :

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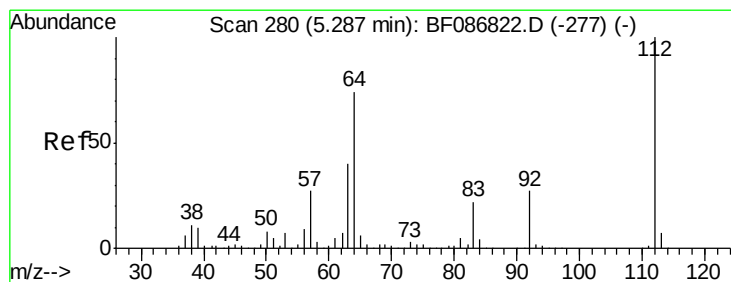
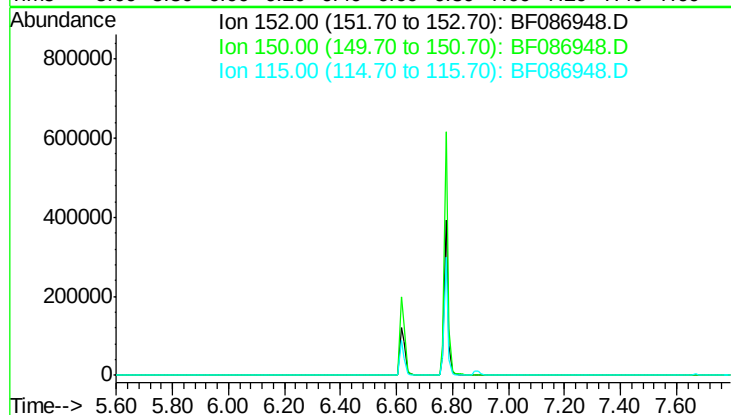
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086948.D

Acq: 12 May 2016 23:48

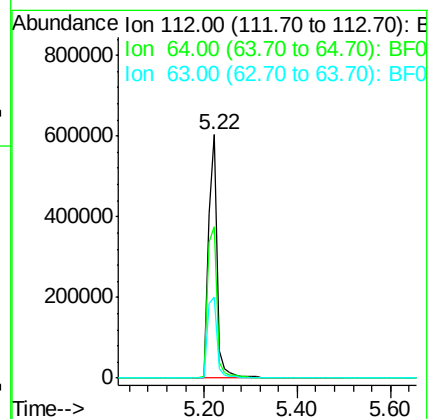
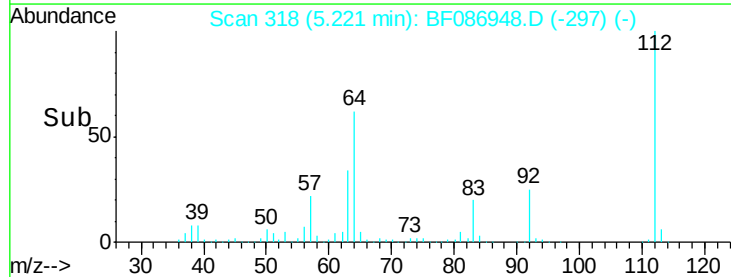
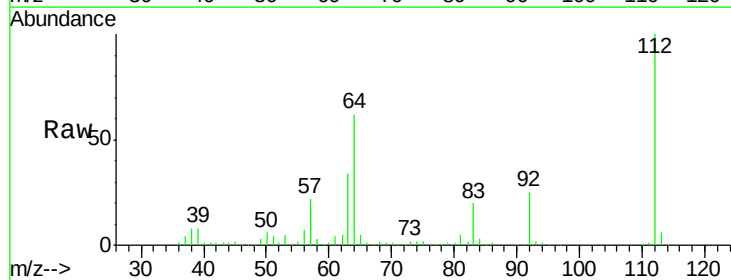
Tgt Ion: 112 Resp: 796122

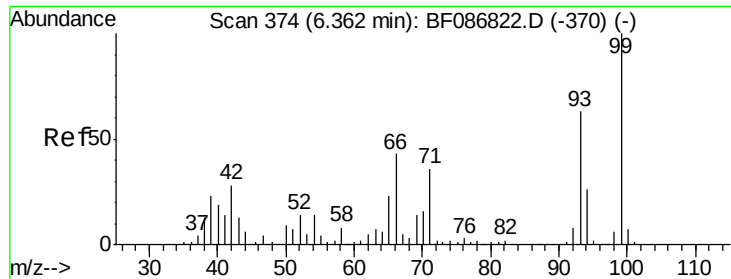
Ion Ratio Lower Upper

112 100

64 62.5 52.1 78.1

63 33.5 25.7 38.5





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086948.D

Acq: 12 May 2016 23:48

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)

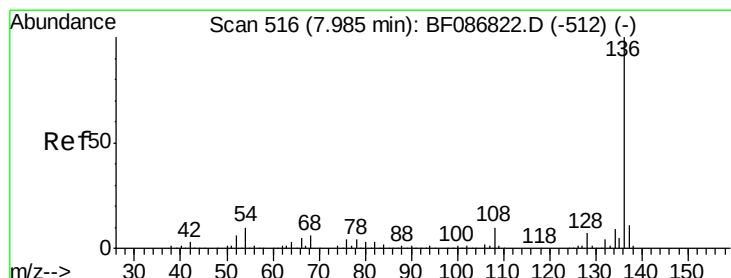
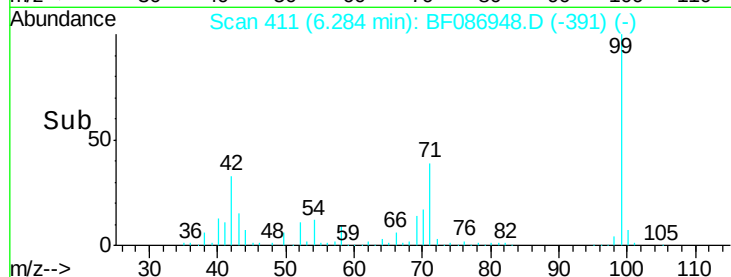
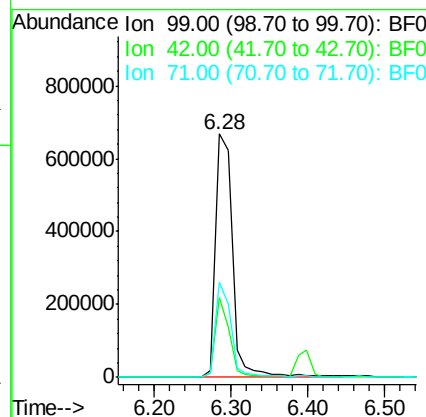
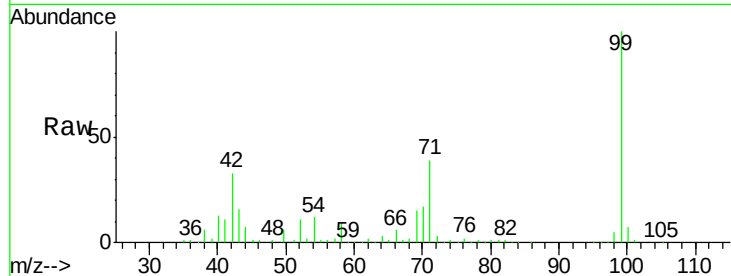
Tgt Ion: 99 Resp: 102887

Ion Ratio Lower Upper

99 100

42 32.8 13.6 20.4#

71 39.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086948.D

Acq: 12 May 2016 23:48

Tgt Ion: 136 Resp: 596220

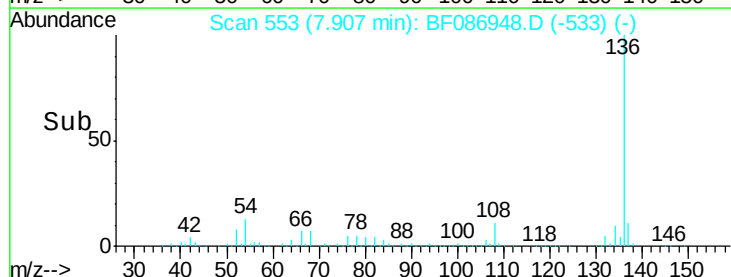
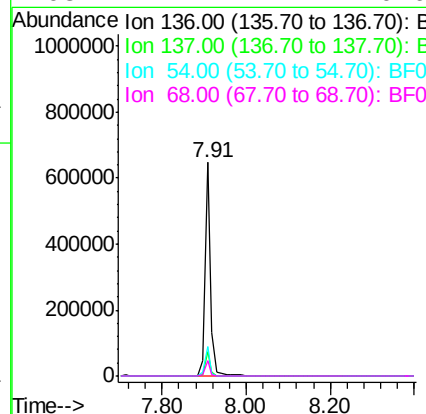
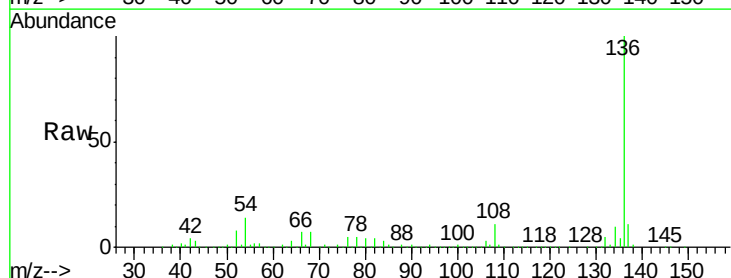
Ion Ratio Lower Upper

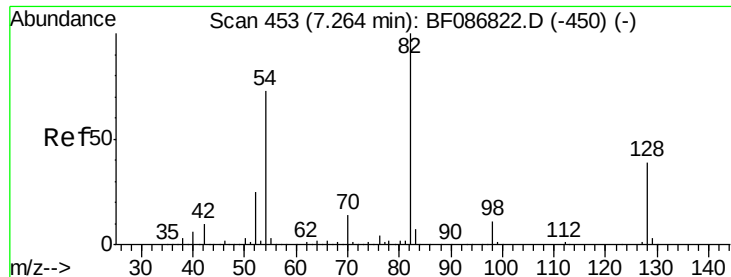
136 100

137 11.1 8.8 13.2

54 13.6 5.0 7.4#

68 7.1 4.4 6.6#

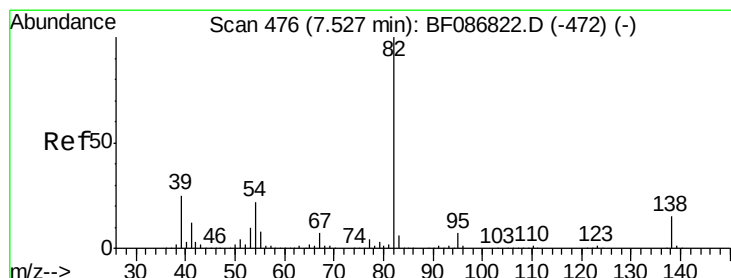
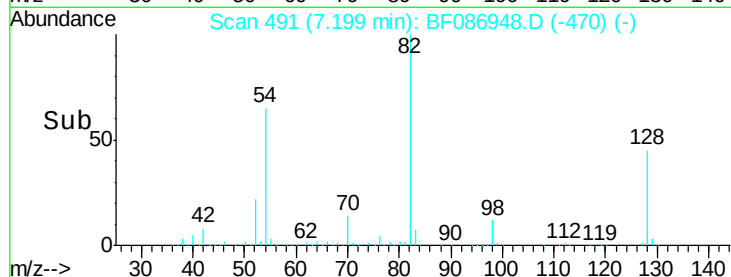
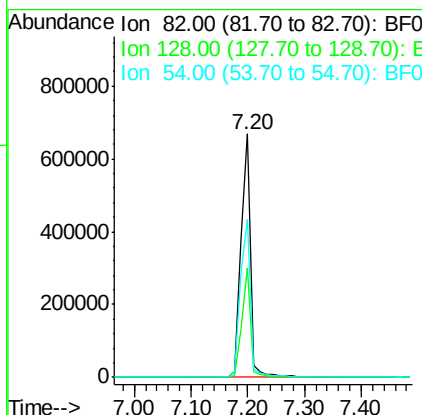
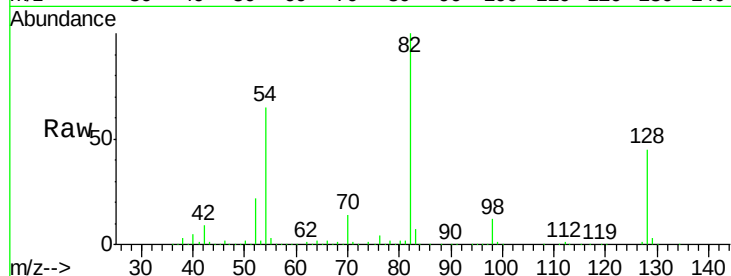




#23
 Nitrobenzene-d5
 Concen: 66.65 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086948.D
 Acq: 12 May 2016 23:48

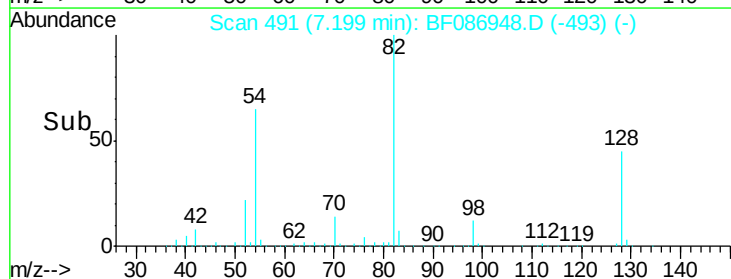
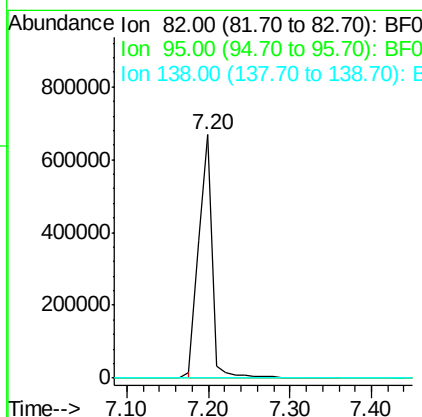
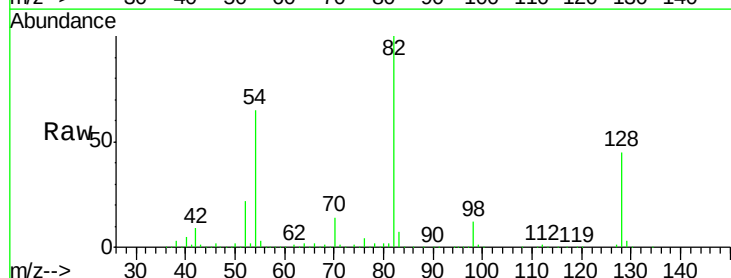
Instrument :
 BNA_F
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 CH-STA-1767-00(0-2)

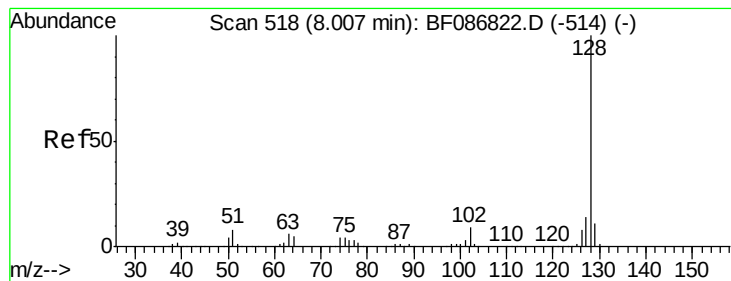
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	40.6	61.0
54	65.0	38.1	57.1#



#25
 Isophorone
 Concen: 34.56 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086948.D
 Acq: 12 May 2016 23:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#





#31

Naphthalene

Concen: 5.44 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.08 min

Lab File: BF086948.D

Acq: 12 May 2016 23:48

Instrument :

BNA_F

ClientSampleId :

CH-STA-1767-00(0-2)

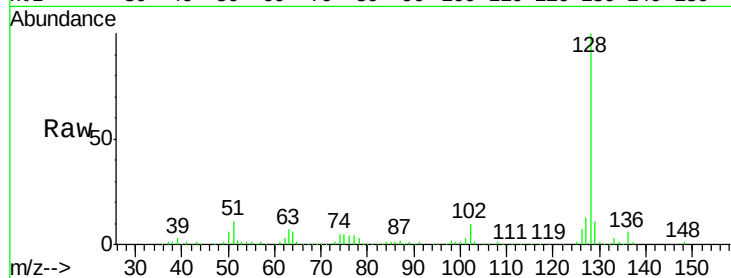
Tgt Ion:128 Resp: 162462

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

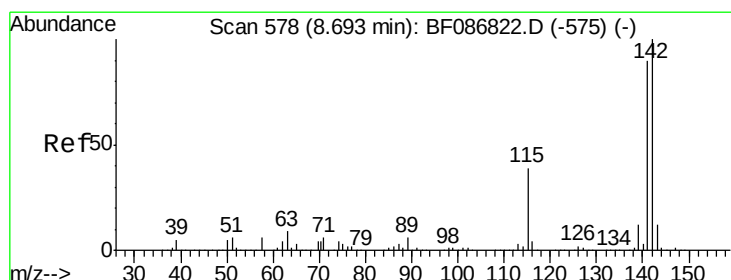
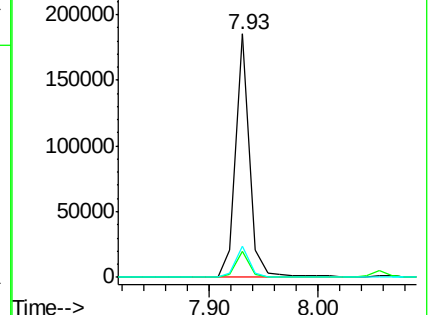
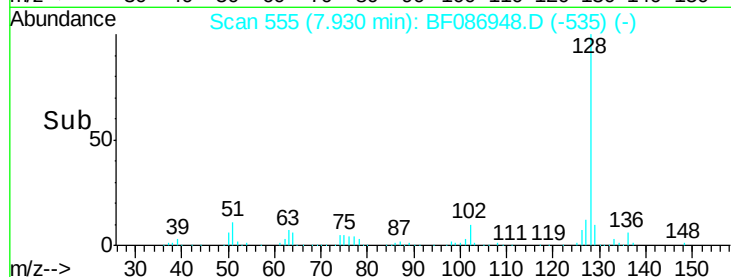
127 12.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 3.90 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.03 min

Lab File: BF086948.D

Acq: 12 May 2016 23:48

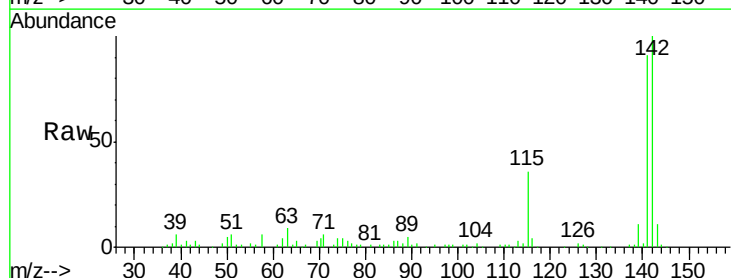
Tgt Ion:142 Resp: 68152

Ion Ratio Lower Upper

142 100

141 91.0 71.0 106.6

115 36.3 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

