

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086332.D
 Acq On : 21 Apr 2016 2:27
 Operator : UM/SJ
 Sample : H2601-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)J

Quant Time: Apr 21 05:12:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

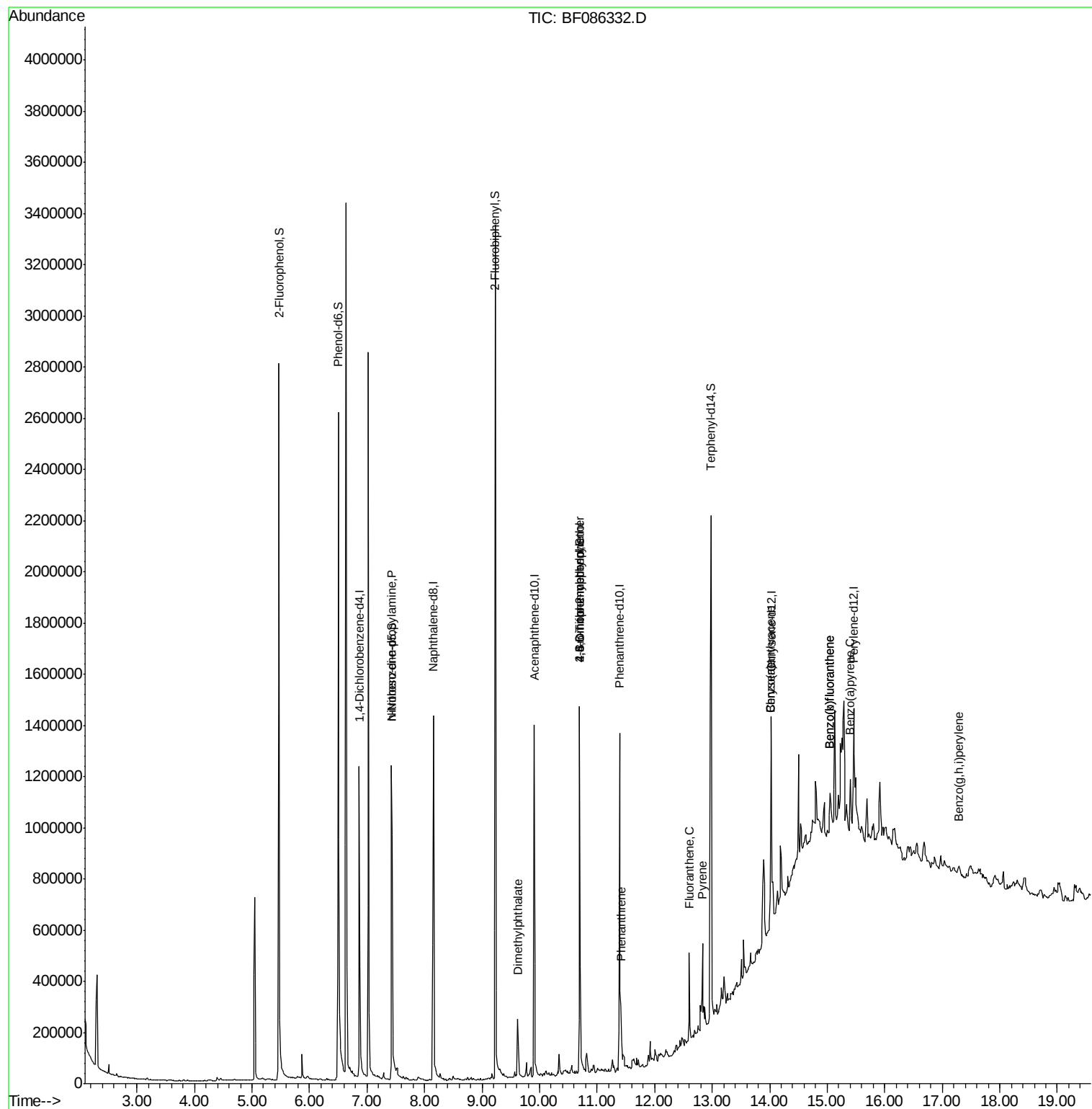
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	218878	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	805700	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	293919	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	524858	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	369735	20.00	ng	-0.02
86) Perylene-d12	15.46	264	255297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1037822	82.73	ng	-0.01
7) Phenol-d6	6.50	99	1223862	74.55	ng	-0.02
23) Nitrobenzene-d5	7.42	82	692490	49.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	187423	81.81	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1069397	65.90	ng	-0.03
78) Terphenyl-d14	12.98	244	822520	52.95	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	88713	8.92	ng	# 82
49) Dimethylphthalate	9.62	163	108817	4.86	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.69	198	392	6.27	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	11517	2.04	ng	# 1
70) Phenanthrene	11.41	178	75262	3.03	ng	97
74) Fluoranthene	12.60	202	157998	6.85	ng	96
77) Pyrene	12.83	202	157914	5.76	ng	98
80) Benzo(a)anthracene	14.02	228	83988	4.31	ng	# 85
82) Chrysene	14.02	228	83988	3.99	ng	# 89
87) Benzo(b)fluoranthene	15.05	252	87724	5.94	ng	# 77
88) Benzo(k)fluoranthene	15.05	252	87724	7.06	ng	# 73
89) Benzo(a)pyrene	15.40	252	46905	3.45	ng	# 83
91) Benzo(g,h,i)perylene	17.29	276	37365	3.28	ng	# 81

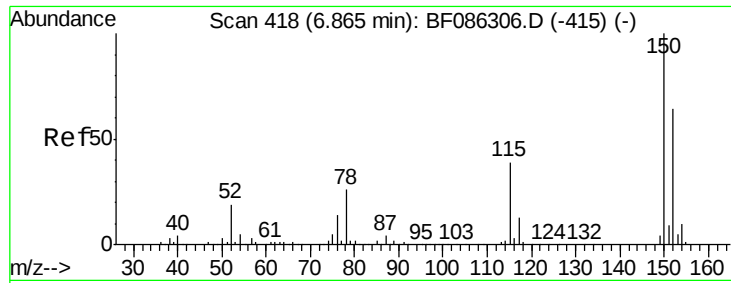
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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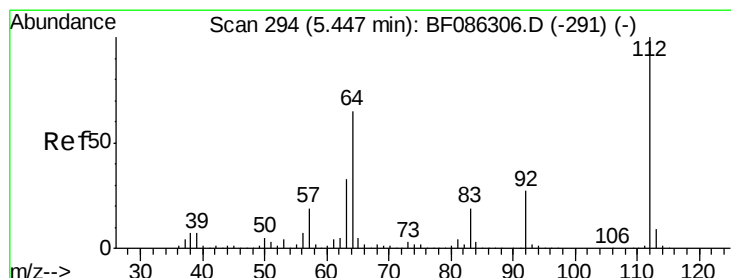
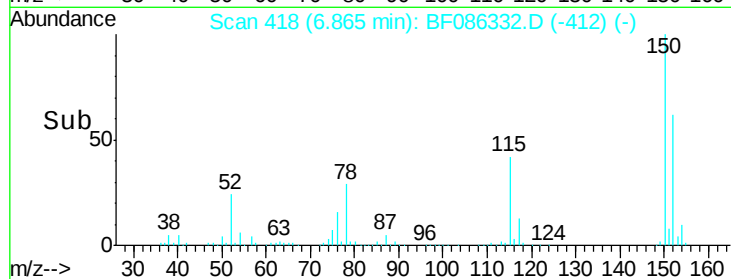
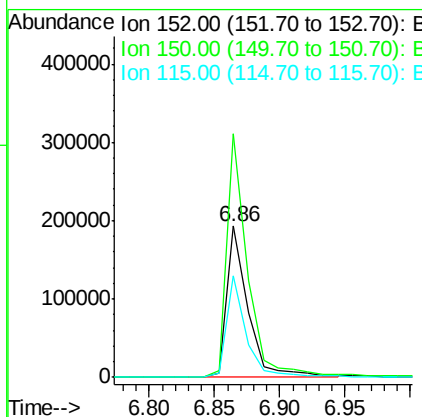
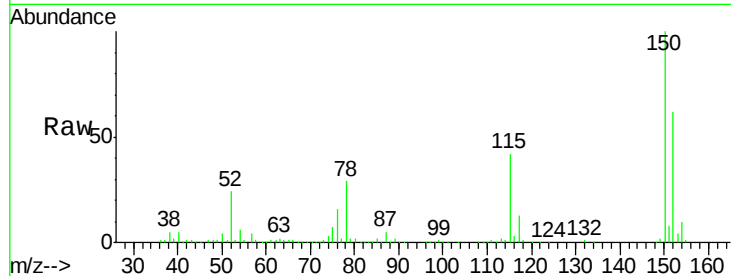




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086332.D
 Acq: 21 Apr 2016 2:27

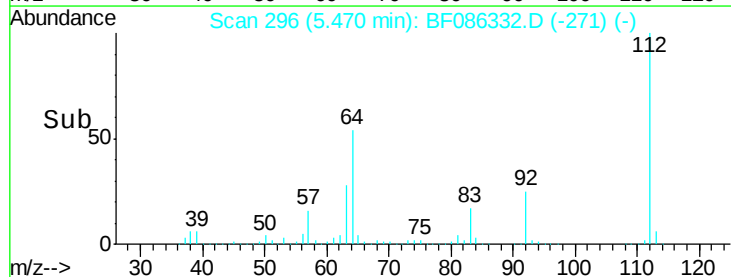
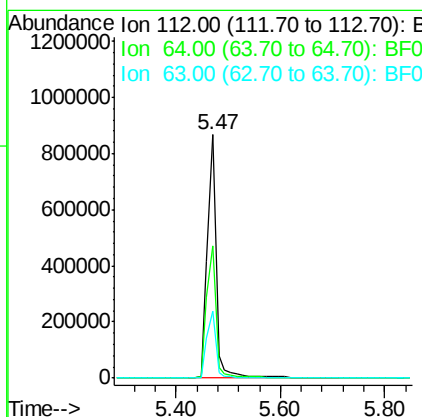
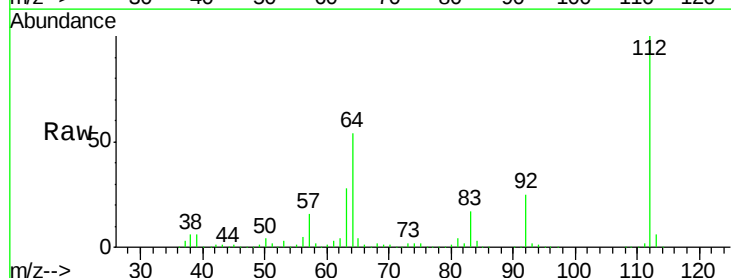
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)J

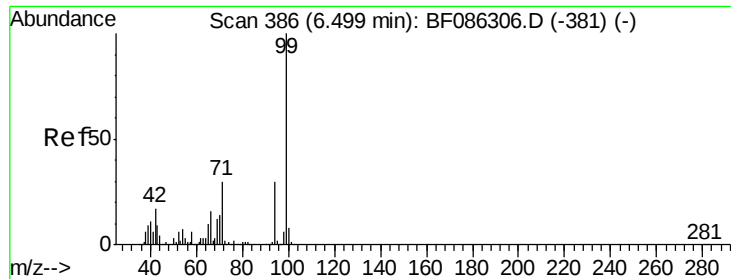
Tgt Ion:152 Resp: 218878
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.1 186.1
 115 67.6 43.9 65.9#



#5
 2-Fluorophenol
 Concen: 82.73 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF086332.D
 Acq: 21 Apr 2016 2:27

Tgt Ion:112 Resp: 1037822
 Ion Ratio Lower Upper
 112 100
 64 54.4 48.1 72.1
 63 27.6 25.5 38.3





#7

Phenol-d6

Concen: 74.55 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086332.D

Acq: 21 Apr 2016 2:27

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)J

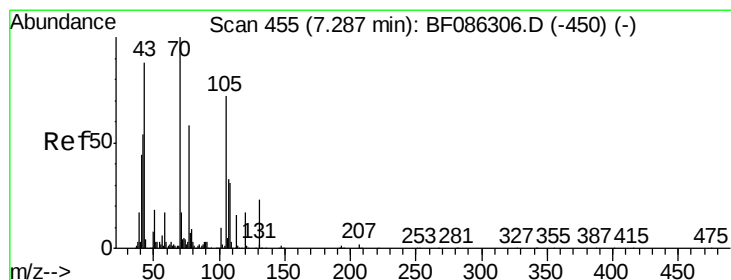
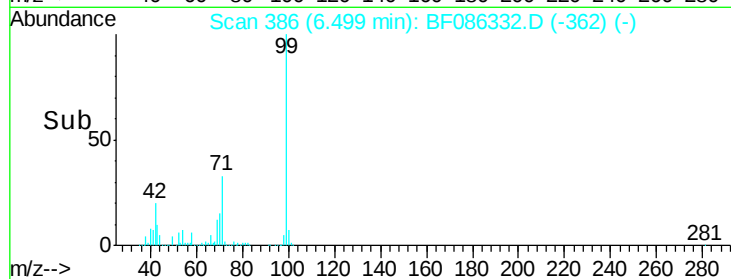
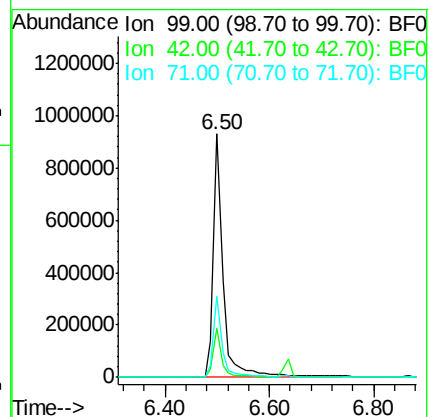
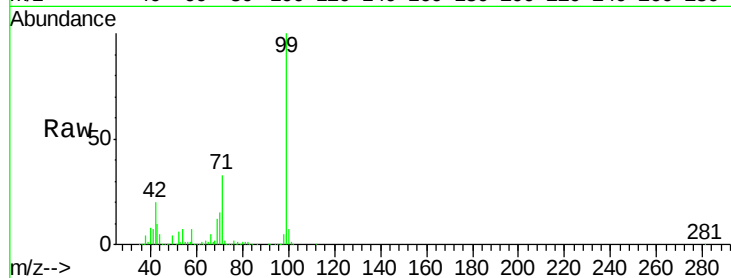
Tgt Ion: 99 Resp: 1223862

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.2

71 33.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 8.92 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF086332.D

Acq: 21 Apr 2016 2:27

Tgt Ion: 70 Resp: 88713

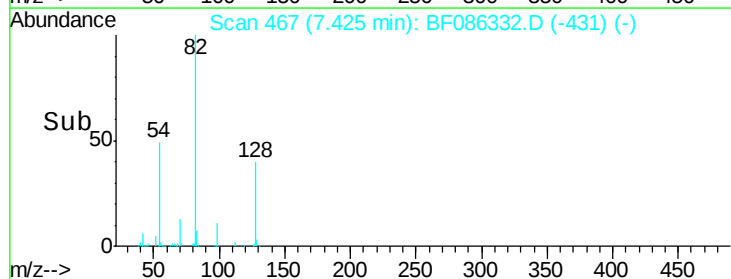
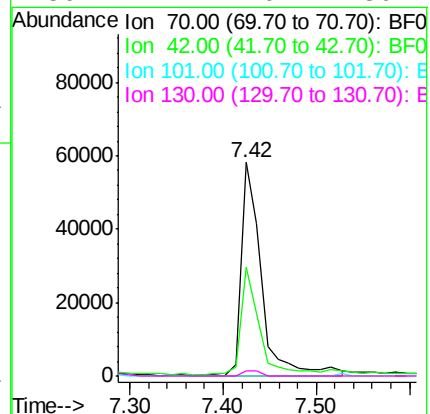
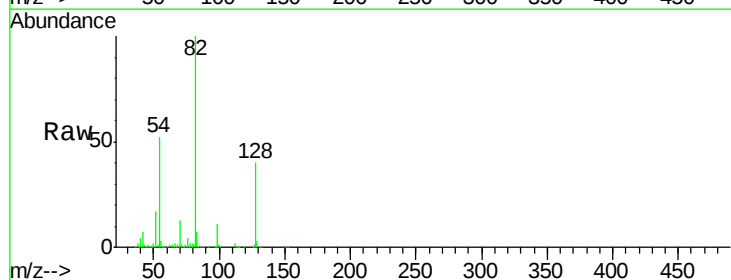
Ion Ratio Lower Upper

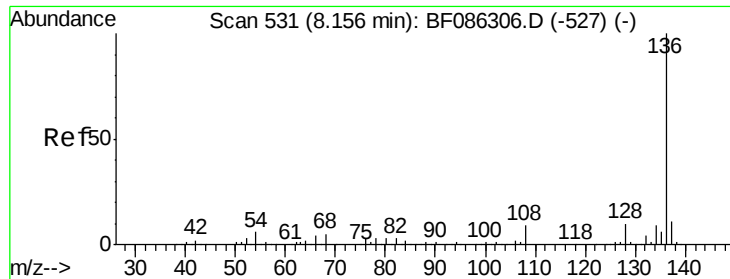
70 100

42 50.7 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#

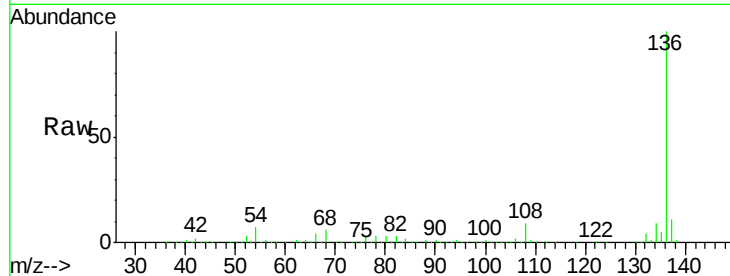




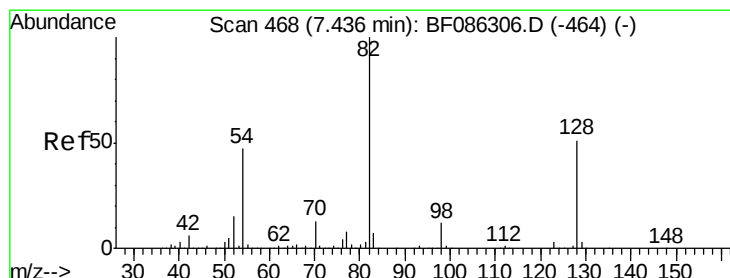
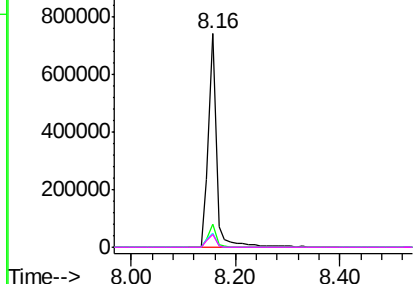
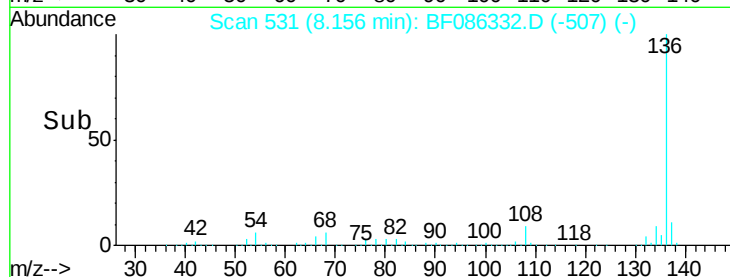
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086332.D
Acq: 21 Apr 2016 2:27

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)J

Tgt Ion:	136	Resp:	805700
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	6.6	7.3	10.9#
68	5.9	5.7	8.5

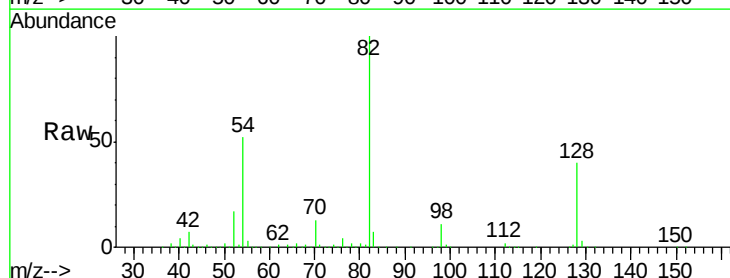


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

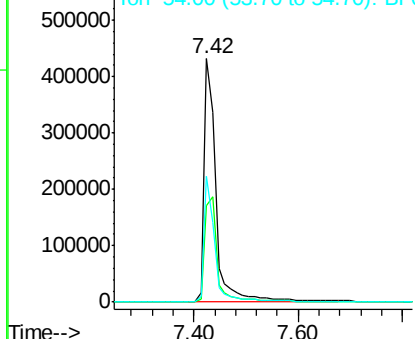
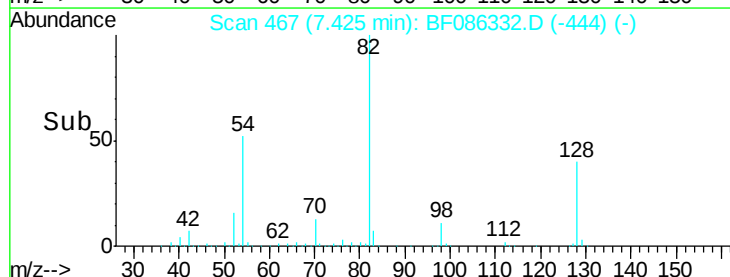


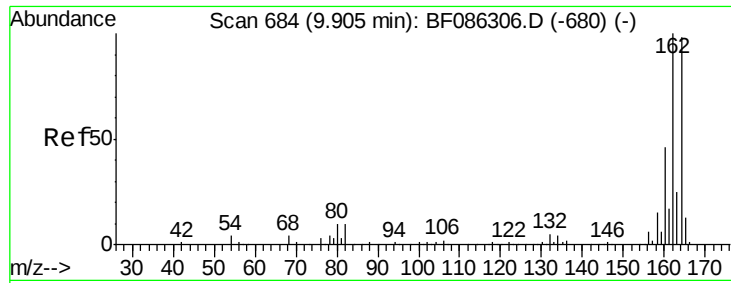
#23
Nitrobenzene-d5
Concen: 49.22 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF086332.D
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Tgt Ion:	82	Resp:	692490
Ion Ratio	Lower	Upper	
82	100		
128	39.6	35.4	53.2
54	51.9	43.4	65.0



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

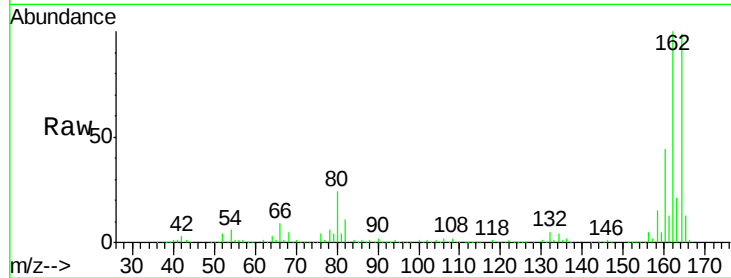




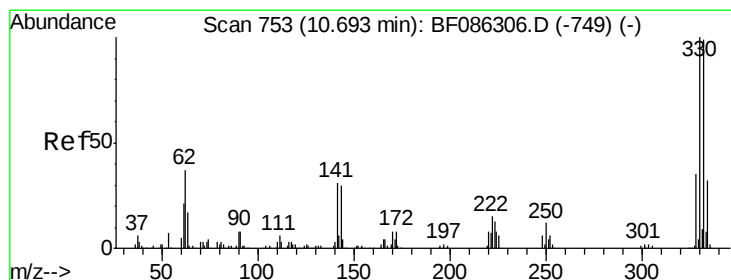
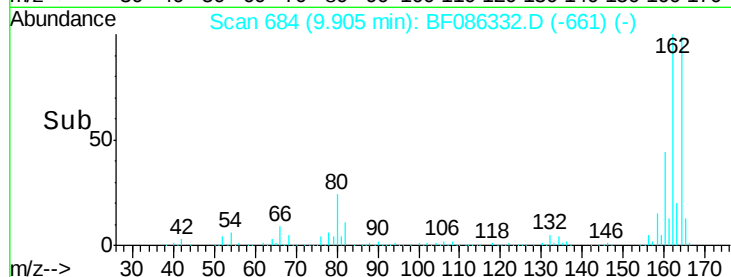
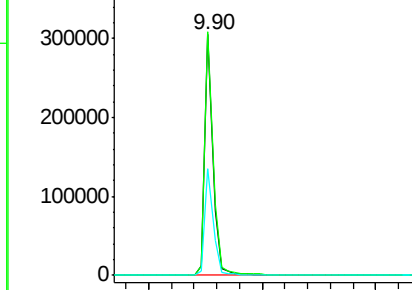
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086332.D
 Acq: 21 Apr 2016 2:27

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Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.8	124.2
160	44.5	38.9	58.3

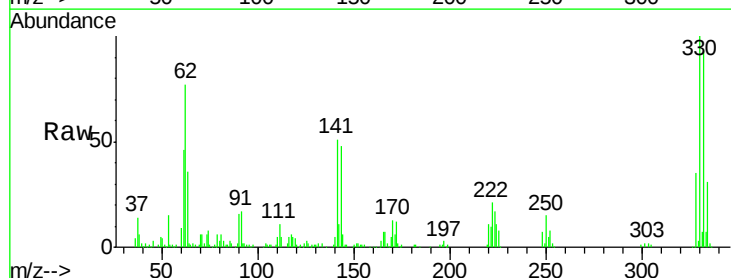


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

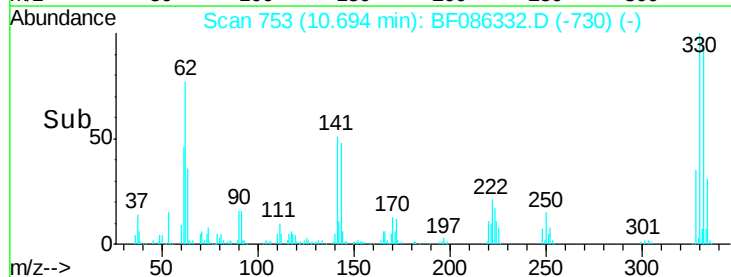
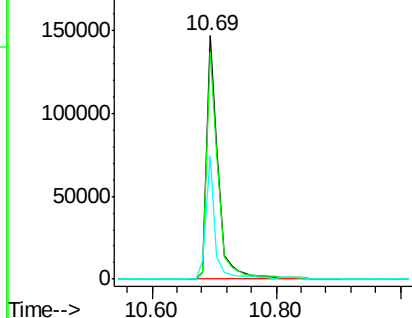


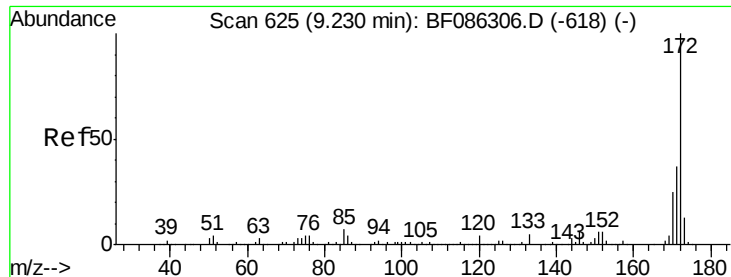
#41
 2,4,6-Tribromophenol
 Concen: 81.81 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086332.D
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.7	118.1
141	41.8	28.6	42.8



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

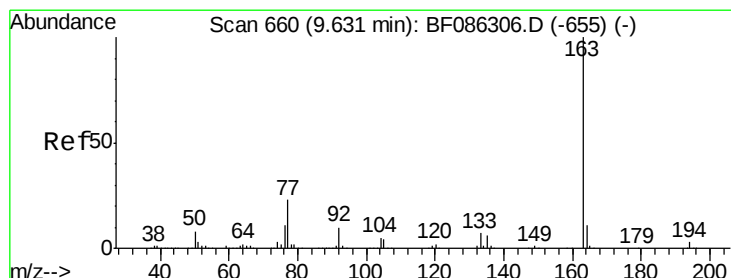
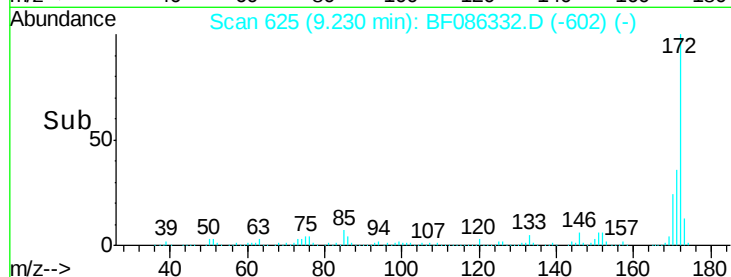
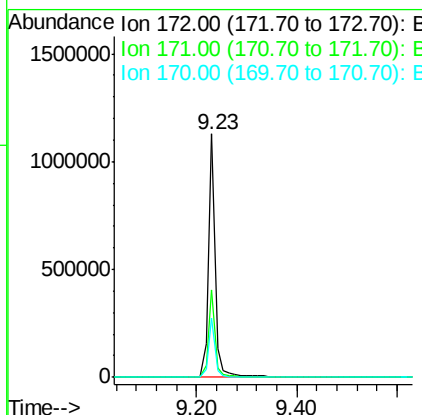
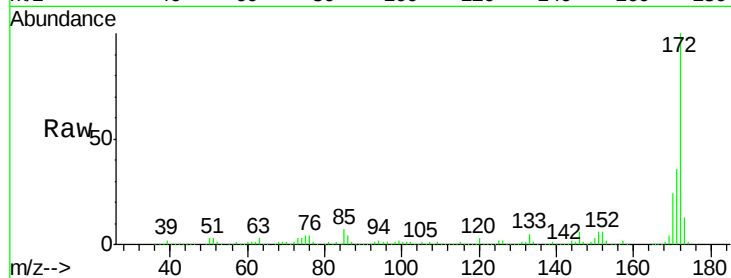




#44
 2-Fluorobiphenyl
 Concen: 65.90 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
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Tgt Ion:172 Resp: 1069397
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.1 43.7
 170 24.4 19.9 29.9



#49
 Dimethylphthalate
 Concen: 4.86 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.05 min
 Lab File: BF086332.D
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Tgt Ion:163 Resp: 108817
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.8 4.2#
 164 10.8 8.4 12.6

