

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094663.D
 Acq On : 26 Apr 2017 22:38
 Operator : SJ/MA
 Sample : I2824-03 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-BASE

Quant Time: Apr 27 07:01:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	89851	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	274671	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	117109	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	210329	20.00	ng	0.01
75) Chrysene-d12	14.47	240	222703	20.00	ng	0.00
86) Perylene-d12	16.09	264	202388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	61144	11.29	ng	0.00
7) Phenol-d6	5.37	99	86045	13.48	ng	-0.02
23) Nitrobenzene-d5	6.40	82	98200	22.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	8196	8.95	ng	0.01
44) 2-Fluorobiphenyl	8.59	172	41008	5.15	ng	0.00
78) Terphenyl-d14	13.20	244	53183	6.38	ng	0.00

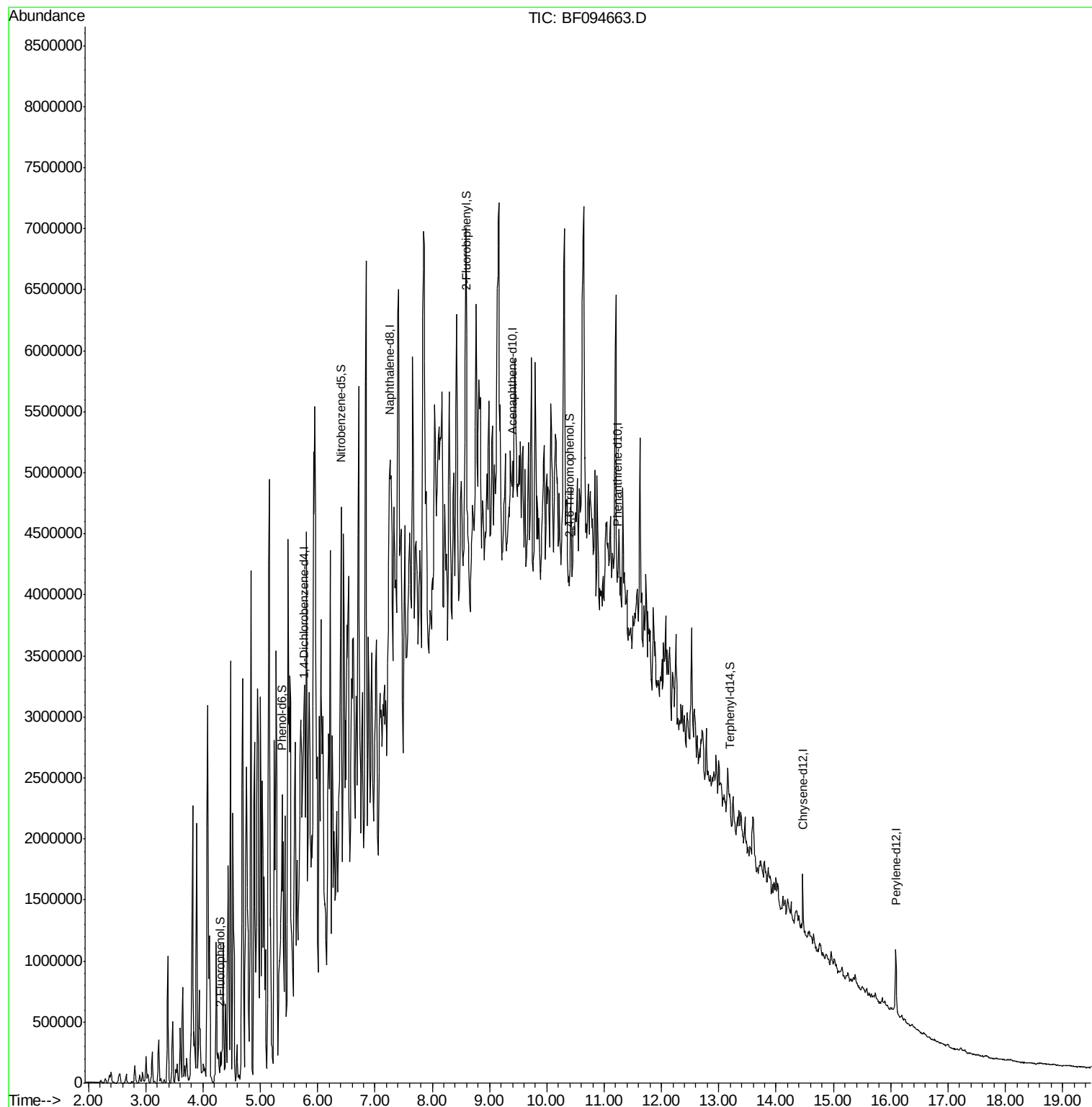
Target Compounds Qvalue

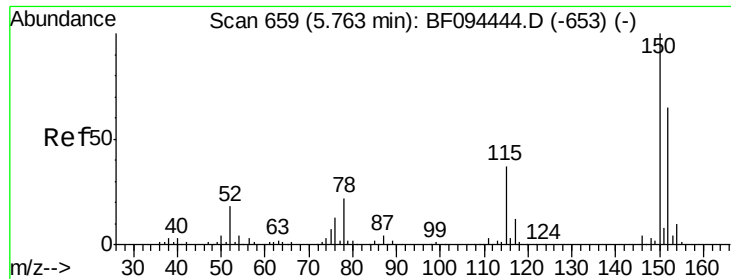
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

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BNA_F

ClientSampleId :

E2-W9-BASE

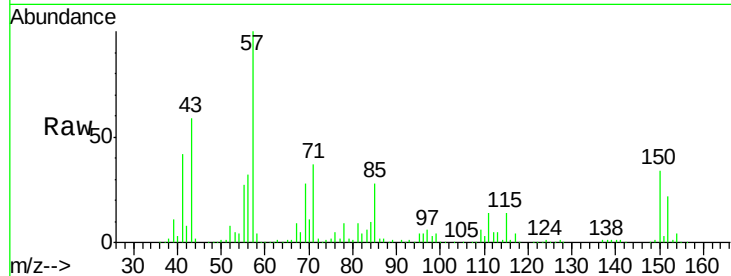
Tot Ion:152 Resp: 89851

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

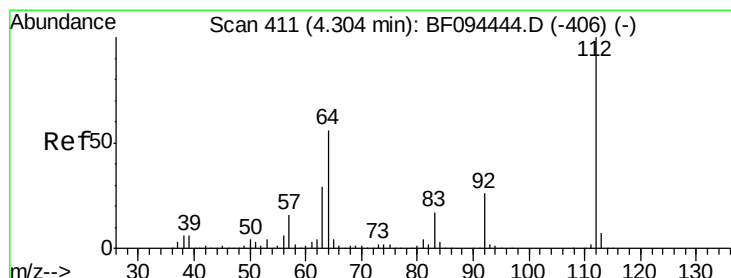
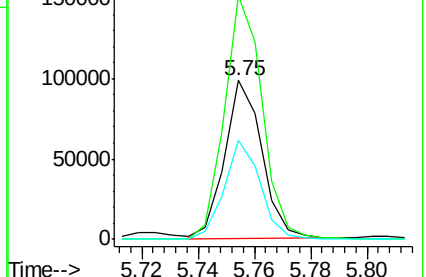
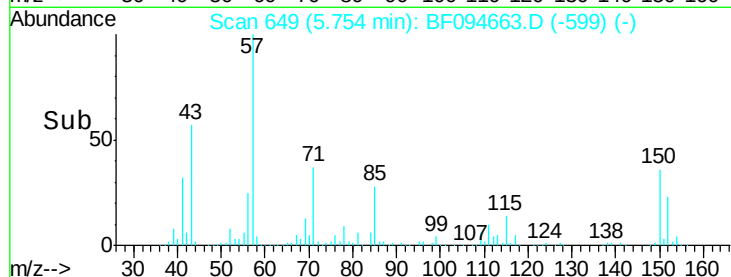
115 62.3 52.2 78.2



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: 11.29 ng

RT: 4.30 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

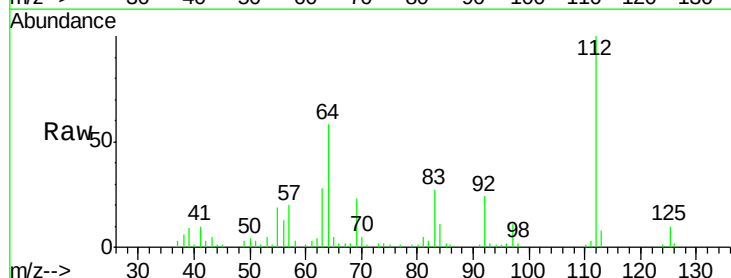
Tgt Ion:112 Resp: 61144

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

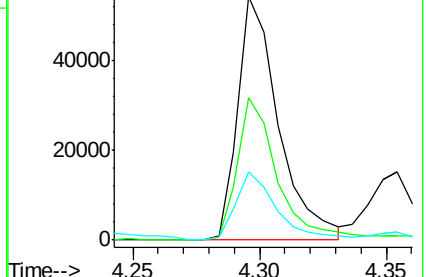
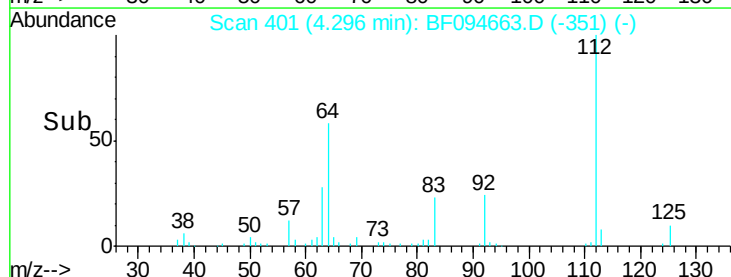
63 28.0 23.4 35.0

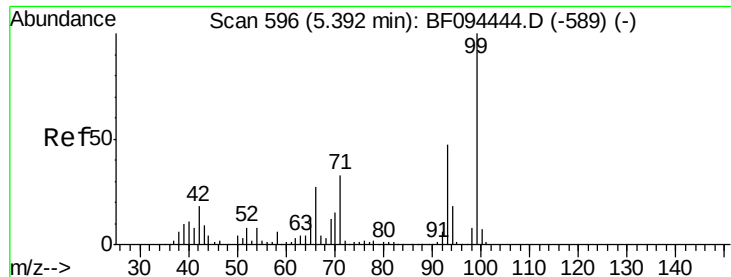


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.48 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Instrument :

BNA_F

ClientSampleId :

E2-W9-BASE

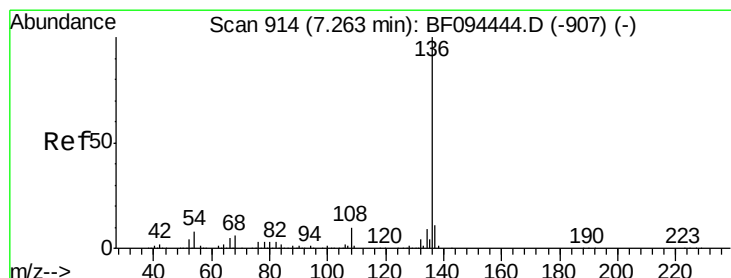
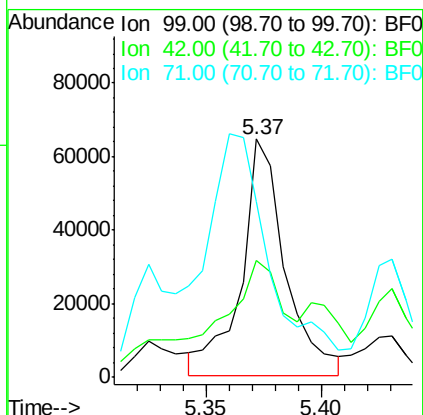
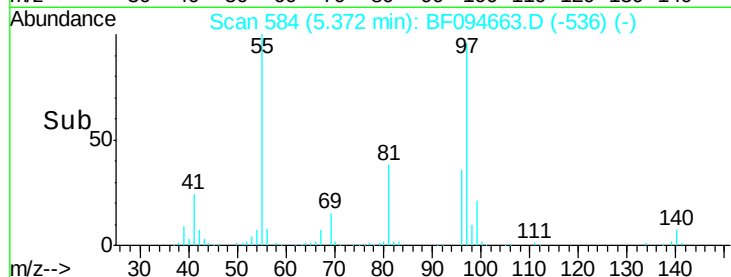
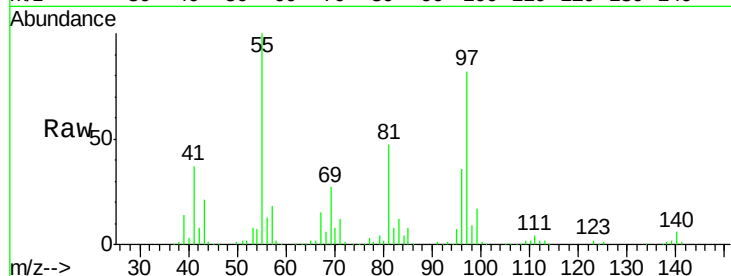
Tot Ion: 99 Resp: 86045

Ion Ratio Lower Upper

99 100

42 49.1 13.5 20.3#

71 73.6 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094663.D

Acq: 26 Apr 2017 22:38

Tgt Ion: 136 Resp: 274671

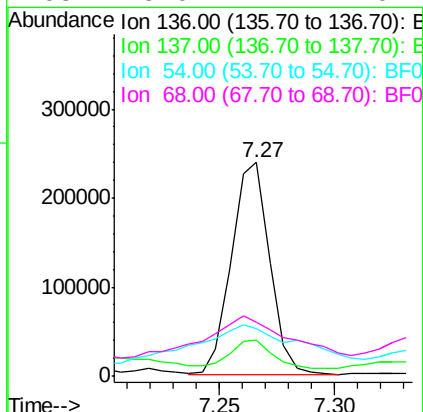
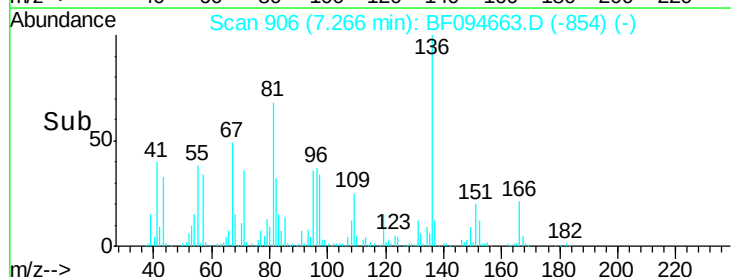
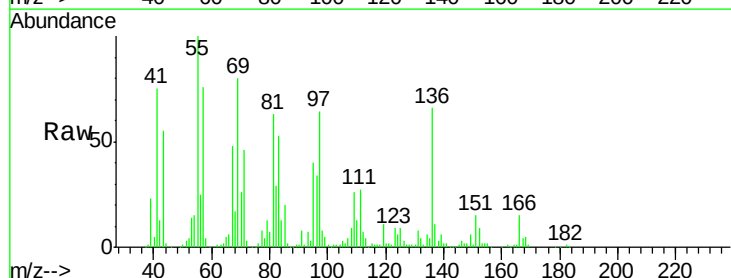
Ion Ratio Lower Upper

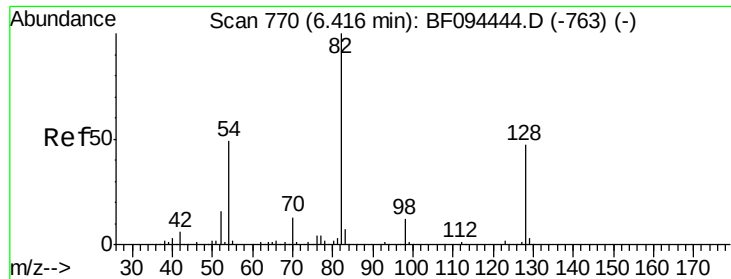
136 100

137 16.9 8.5 12.7#

54 22.1 4.9 7.3#

68 25.0 4.1 6.1#

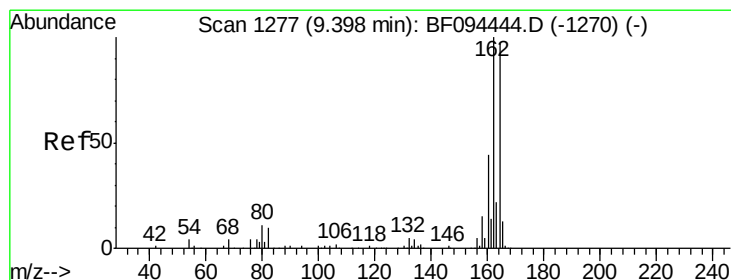
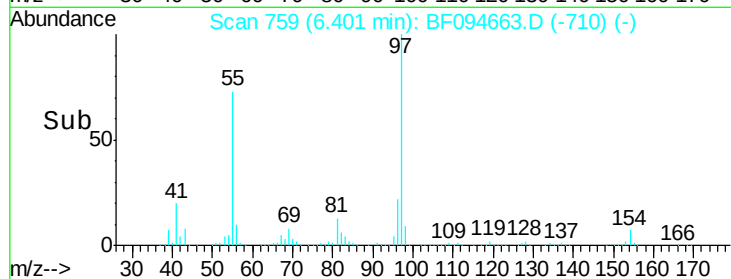
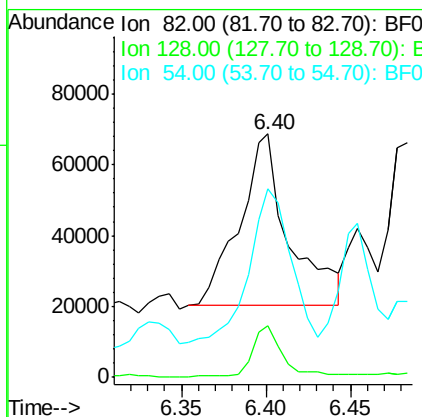
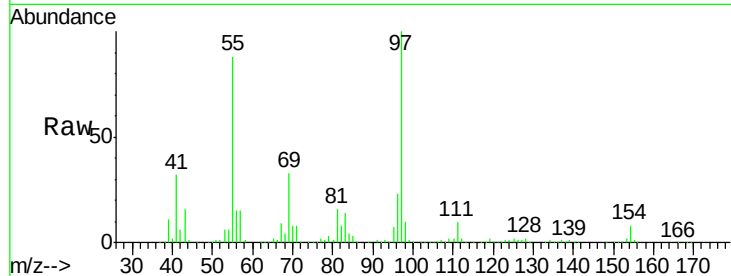




#23
 Nitrobenzene-d5
 Concen: 22.08 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

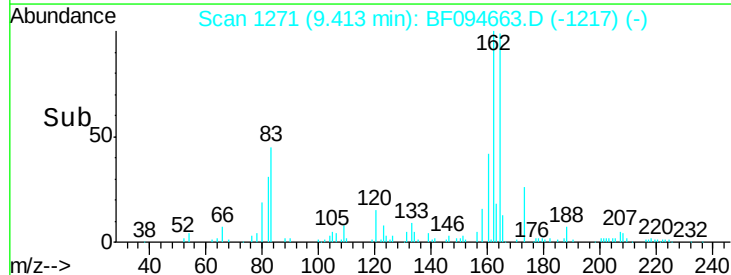
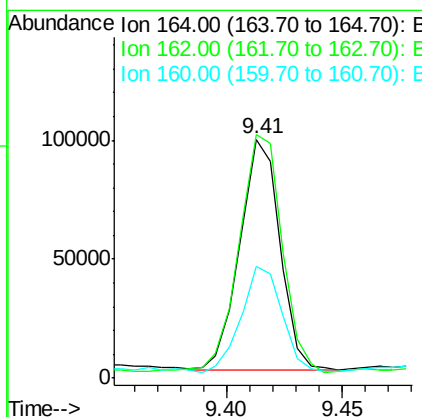
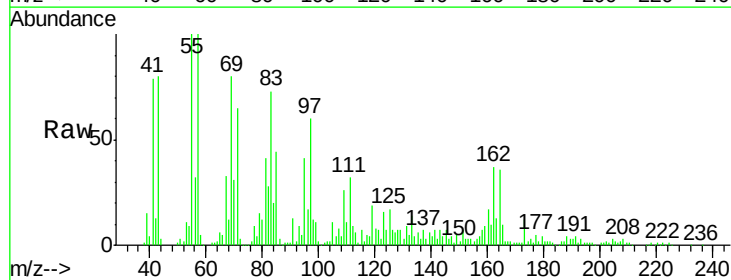
Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-BASE

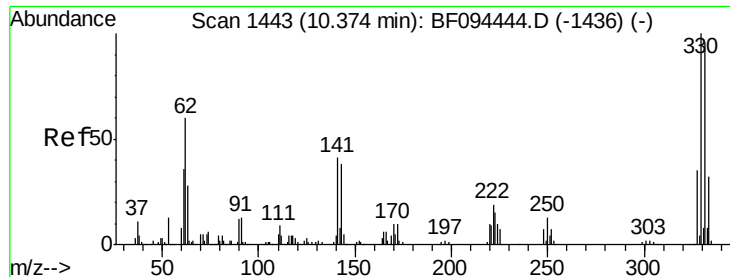
Tot Ion: 82 Resp: 98200
 Ion Ratio Lower Upper
 82 100
 128 21.0 34.0 51.0#
 54 77.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

Tgt Ion:164 Resp: 117109
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 47.1 36.2 54.2

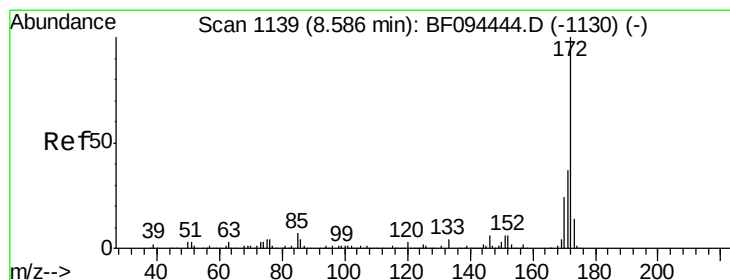
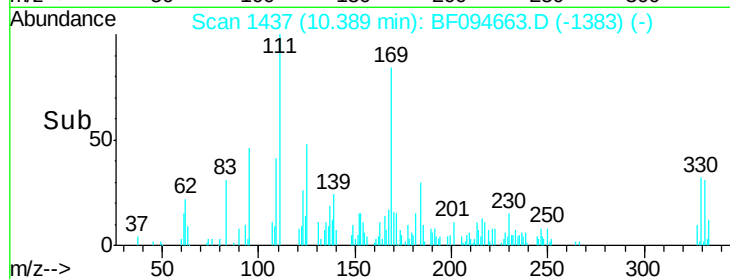
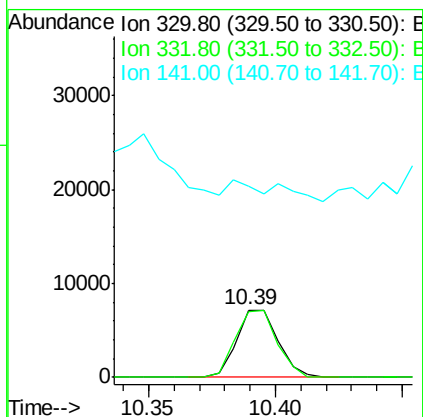
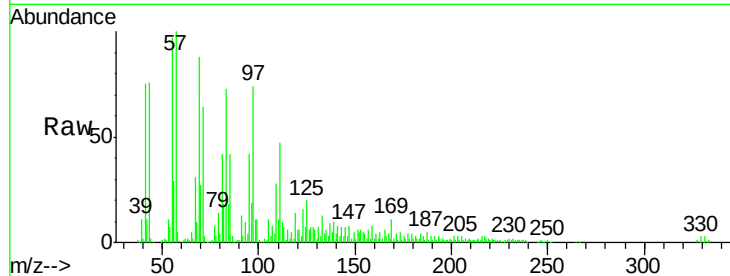




#41
 2,4,6-Tribromophenol
 Concen: 8.95 ng
 RT: 10.39 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

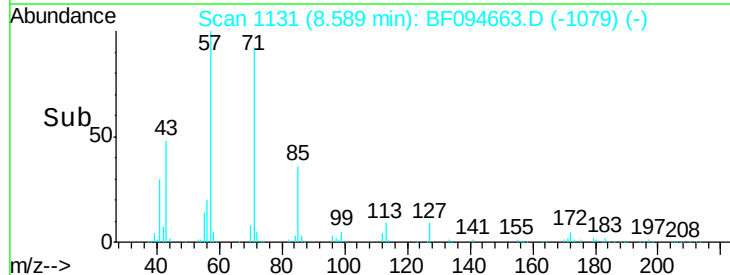
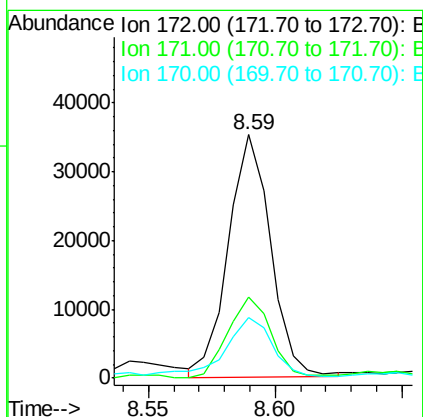
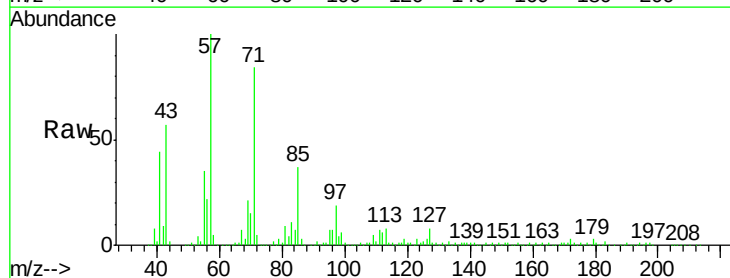
Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-BASE

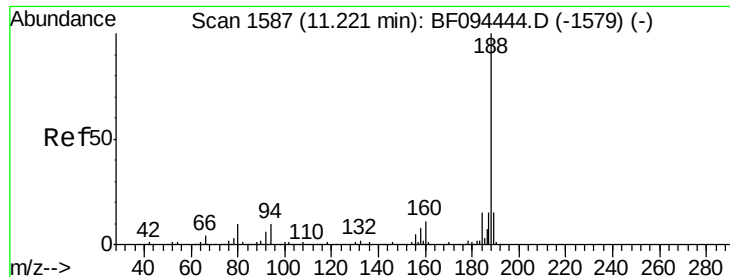
Tot Ion:330 Resp: 8196
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 0.0 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 5.15 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

Tgt Ion:172 Resp: 41008
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.6 44.4
 170 25.0 19.8 29.8

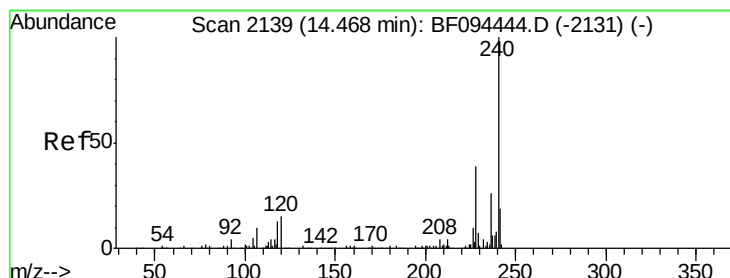
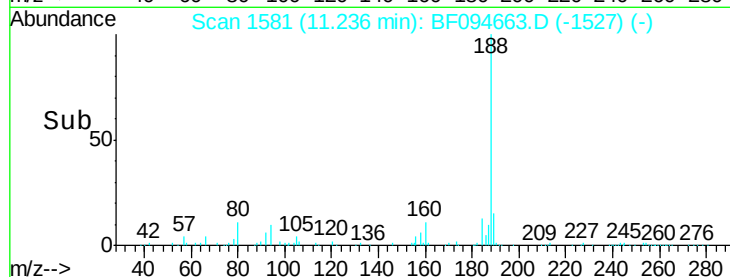
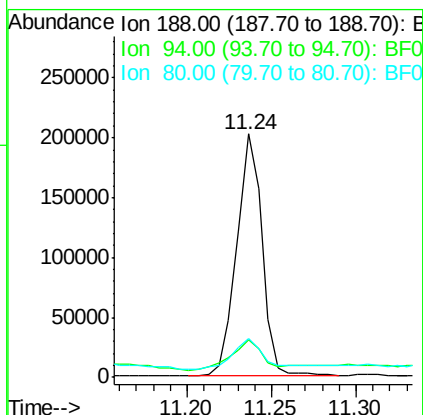
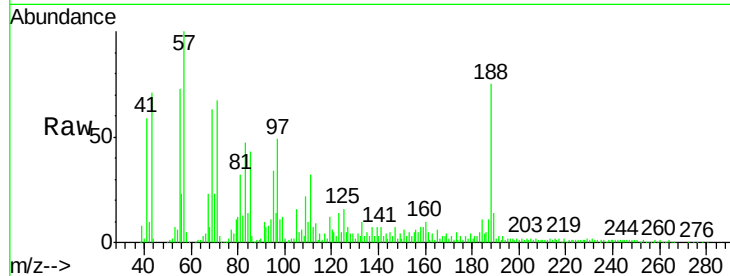




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF094663.D
Acq: 26 Apr 2017 22:38

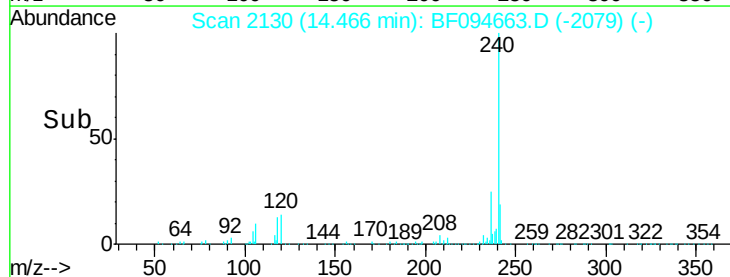
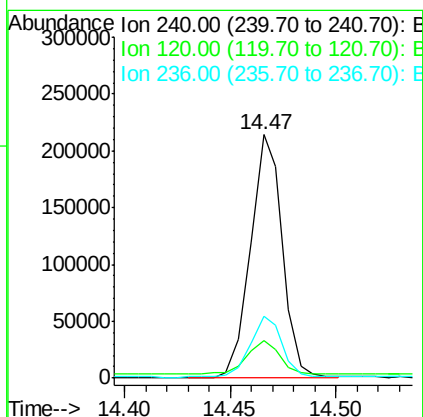
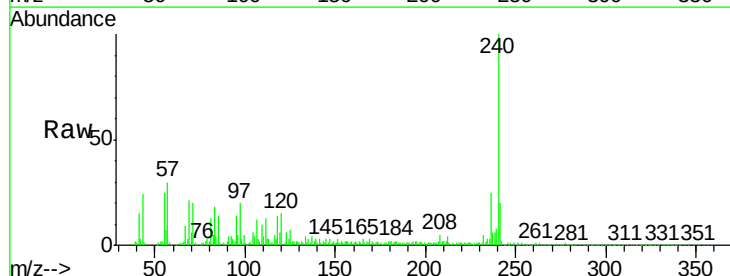
Instrument :
BNA_F
ClientSampleId :
E2-W9-BASE

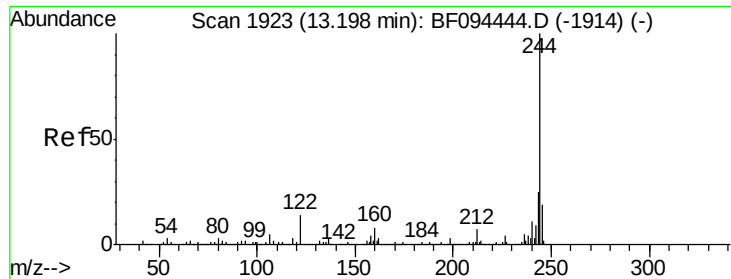
Tot Ion:188 Resp: 210329
Ion Ratio Lower Upper
188 100
94 15.2 9.4 14.2#
80 16.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094663.D
Acq: 26 Apr 2017 22:38

Tgt Ion:240 Resp: 222703
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 25.4 20.5 30.7

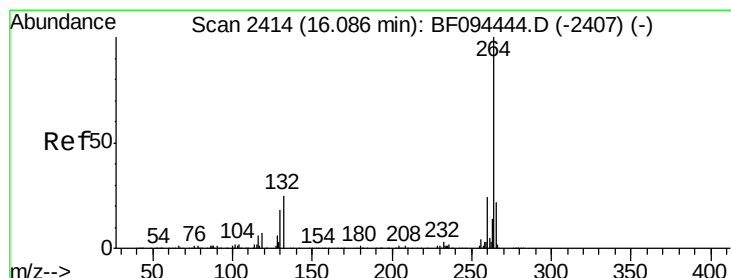
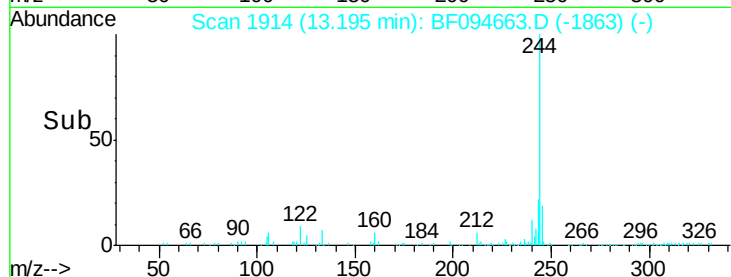
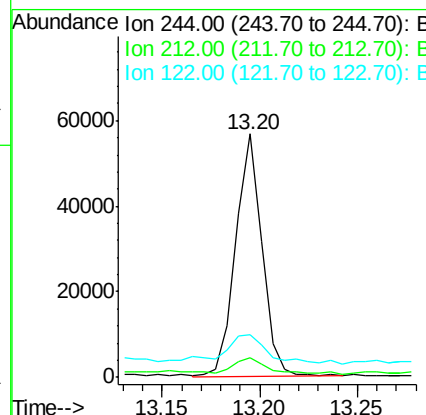
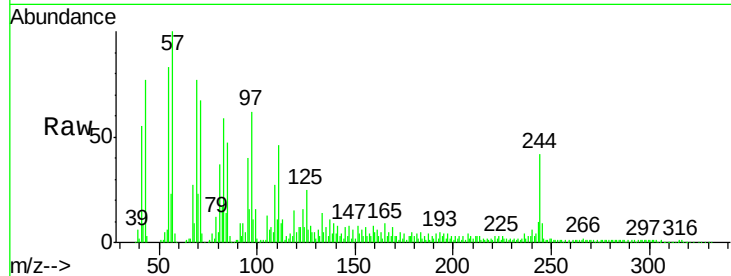




#78
 Terphenyl-d14
 Concen: 6.38 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	17.4	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094663.D
 Acq: 26 Apr 2017 22:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.8	17.2	25.8

