

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091622.D
 Acq On : 15 Dec 2016 10:49
 Operator : UM/SJ
 Sample : H5974-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54THST-FB-1-120716

Quant Time: Dec 15 12:04:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	326039	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1268170	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	718937	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	1043401	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	816832	20.00	ng	-0.01
86) Perylene-d12	15.36	264	636801	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1213498	62.71	ng	-0.02
7) Phenol-d6	6.43	99	1105136	45.81	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1831888	80.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	653281	109.40	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	3011781	72.38	ng	-0.02
78) Terphenyl-d14	12.91	244	2986897	82.98	ng	-0.01

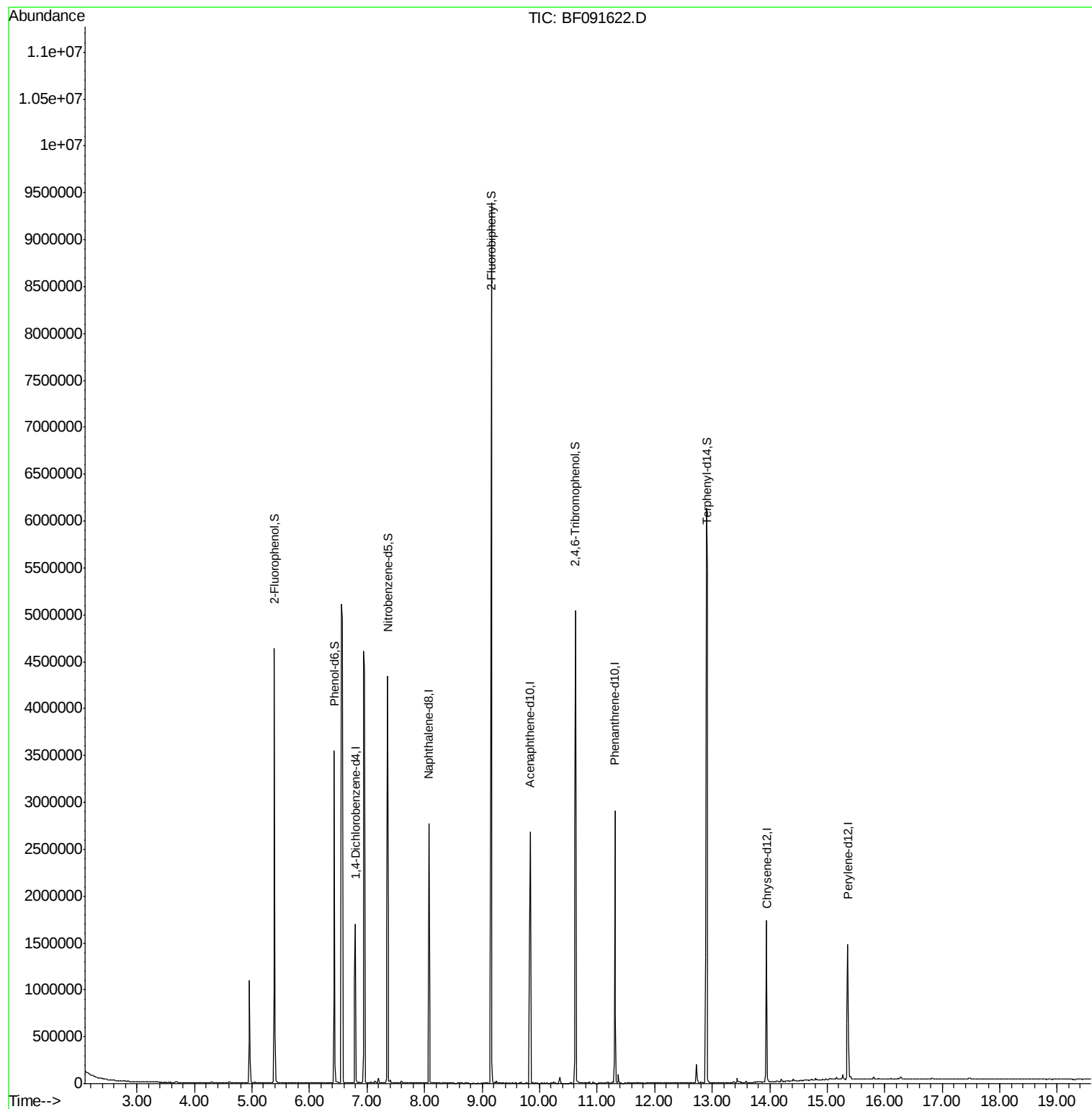
Target Compounds Qvalue

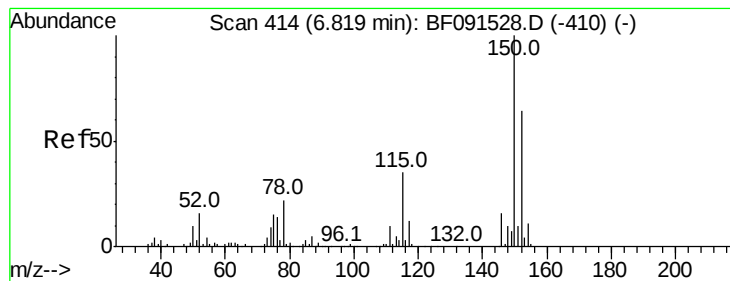
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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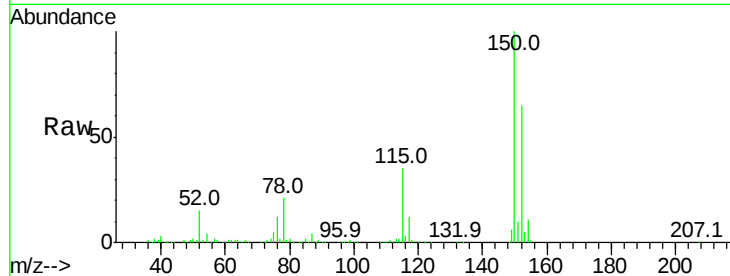


#1

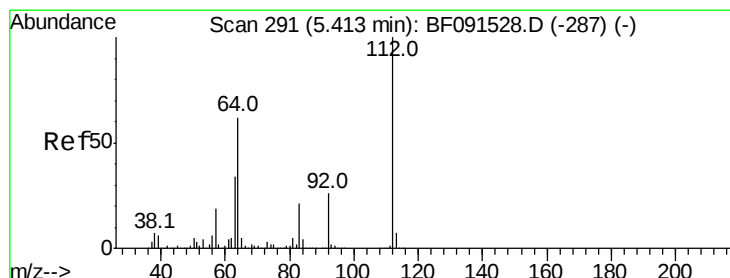
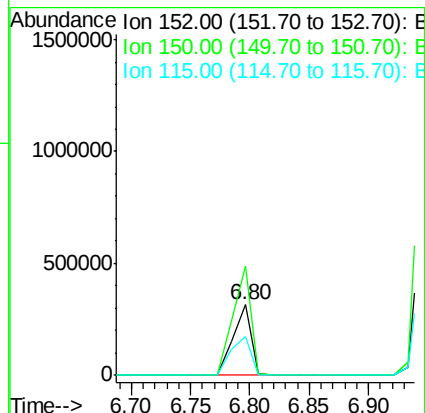
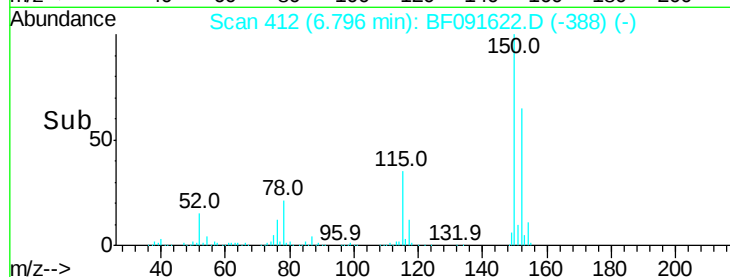
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091622.D
Acq: 15 Dec 2016 10:49

Instrument :
BNA_F
ClientSampleId :
54THST-FB-1-120716

Tot Ion:152 Resp: 326039
Ion Ratio Lower Upper
152 100
150 154.4 122.5 183.7
115 54.7 51.8 77.8



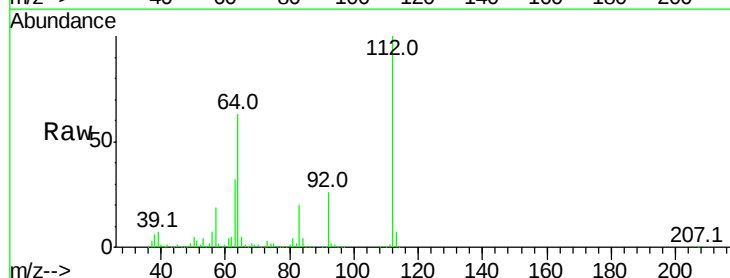
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



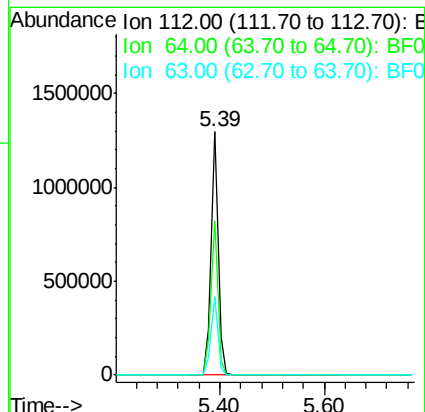
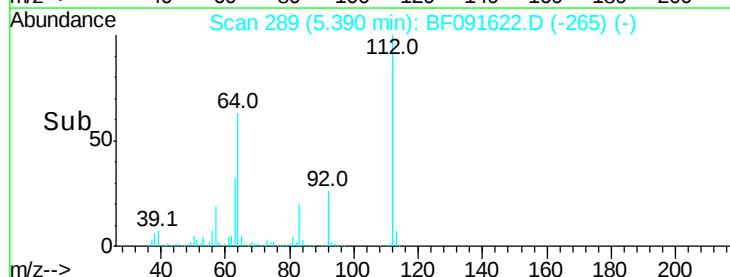
#5

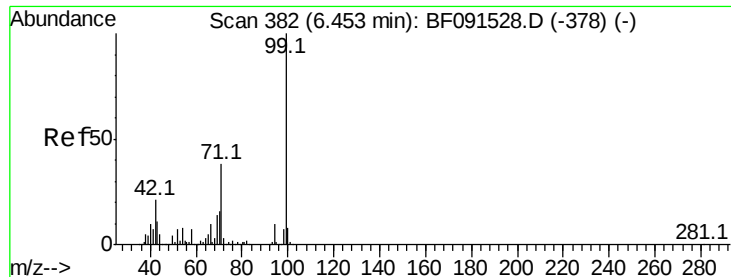
2-Fluorophenol
Concen: 62.71 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091622.D
Acq: 15 Dec 2016 10:49

Tgt Ion:112 Resp: 1213498
Ion Ratio Lower Upper
112 100
64 63.5 61.5 92.3
63 32.1 33.3 49.9#



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: 45.81 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091622.D

Acq: 15 Dec 2016 10:49

Instrument :

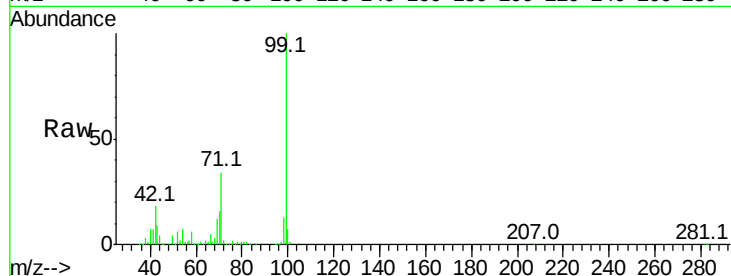
BNA_F

ClientSampleId :

54THST-FB-1-120716

Tot Ion: 99 Resp: 1105136

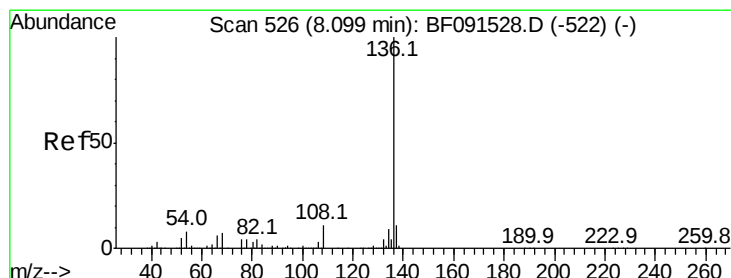
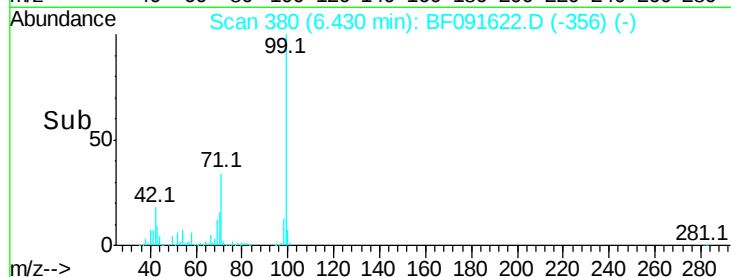
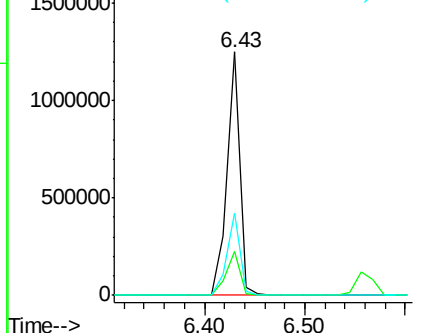
Ion	Ratio	Lower	Upper
99	100		
42	18.1	20.6	31.0#
71	33.8	29.9	44.9



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

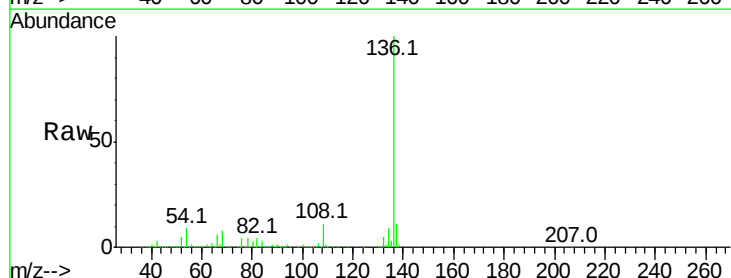
Delta R.T. -0.02 min

Lab File: BF091622.D

Acq: 15 Dec 2016 10:49

Tgt Ion: 136 Resp: 1268170

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.5	9.1	13.7
68	7.7	5.9	8.9

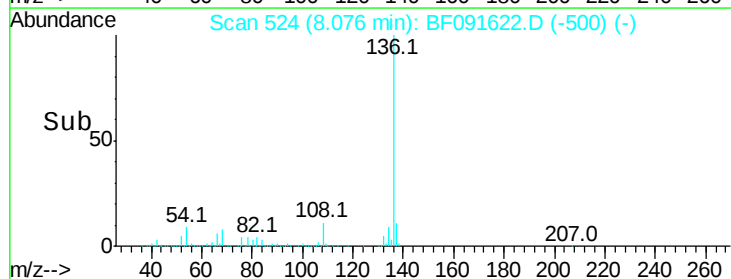
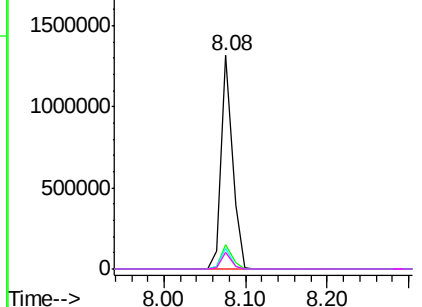


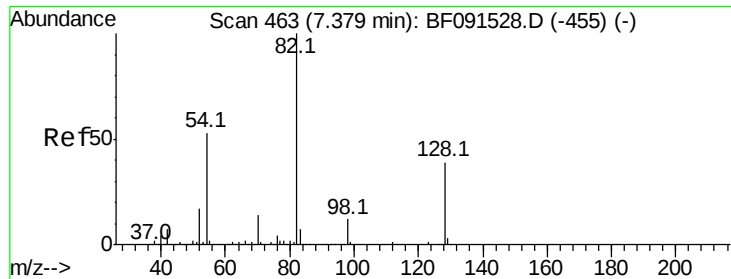
Abundance Ion 136.00 (135.70 to 136.70): E

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

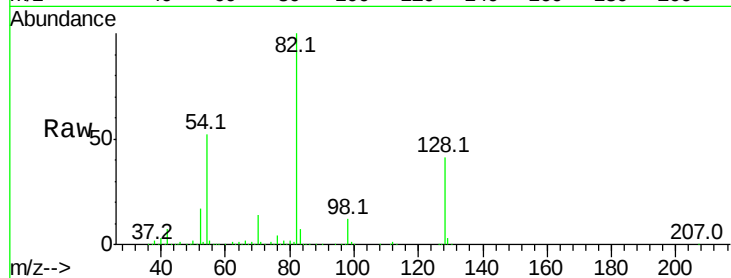




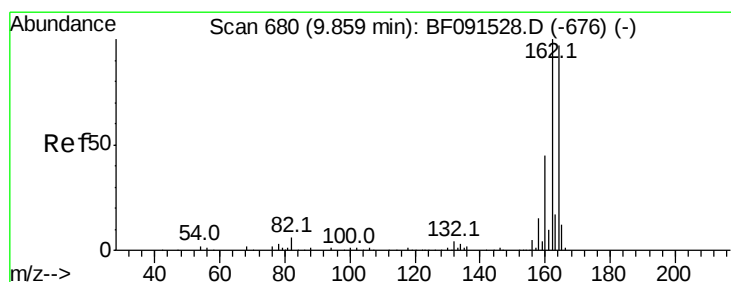
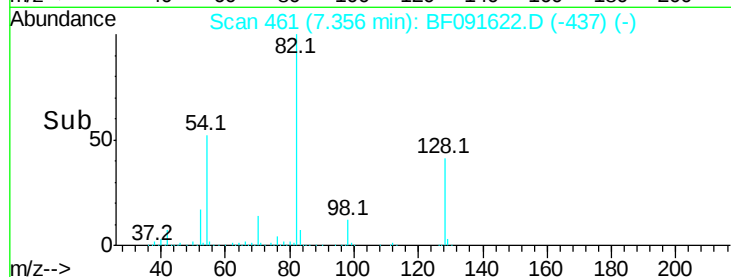
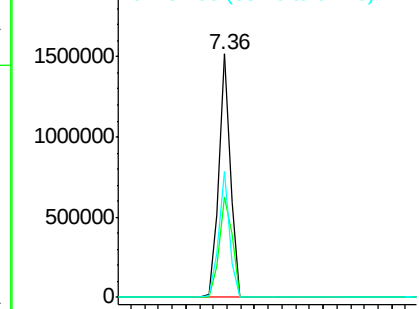
#23
 Nitrobenzene-d5
 Concen: 80.62 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091622.D
 Acq: 15 Dec 2016 10:49

Instrument :
 BNA_F
 ClientSampleId :
 54THST-FB-1-120716

Tot Ion: 82 Resp: 1831888
 Ion Ratio Lower Upper
 82 100
 128 41.3 31.8 47.6
 54 51.9 49.1 73.7

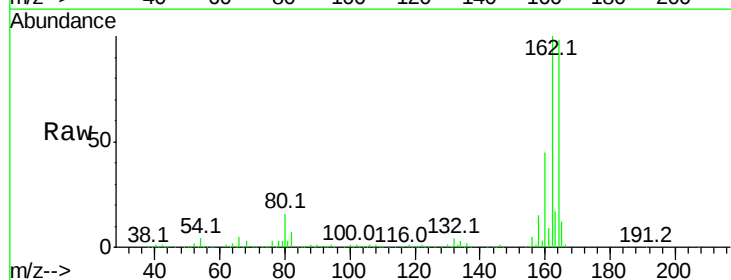


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

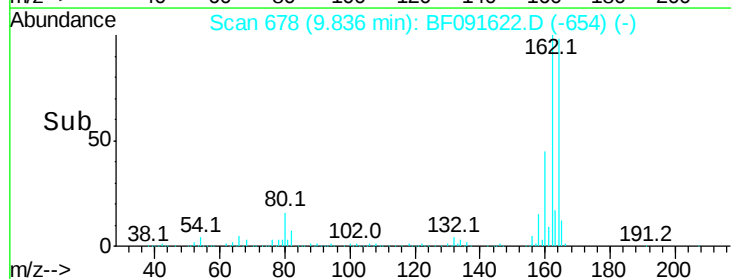
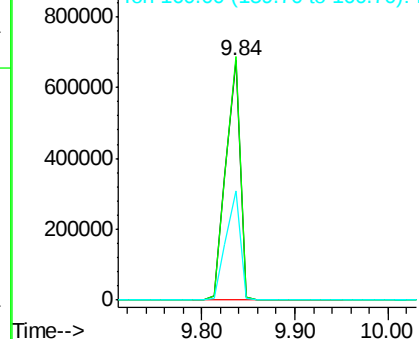


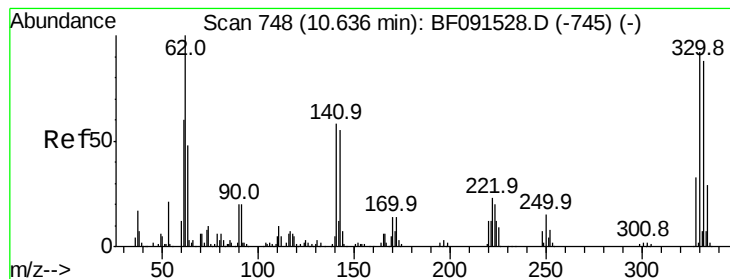
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF091622.D
 Acq: 15 Dec 2016 10:49

Tgt Ion: 164 Resp: 718937
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 124.0
 160 45.5 36.7 55.1



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: 109.40 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF091622.D

Acq: 15 Dec 2016 10:49

Instrument :

BNA_F

ClientSampleId :

54THST-FB-1-120716

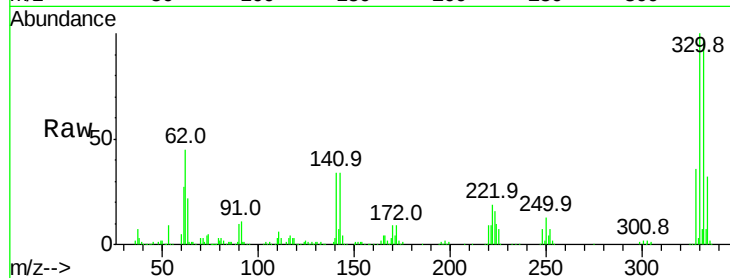
Tot Ion:330 Resp: 653281

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

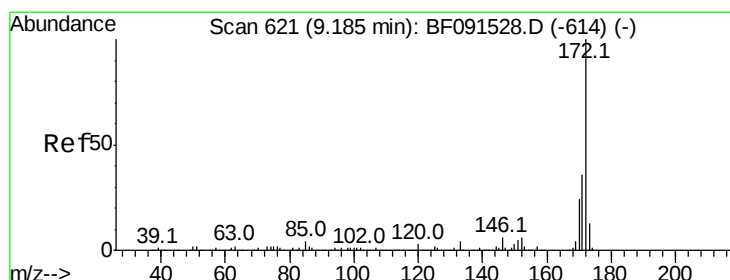
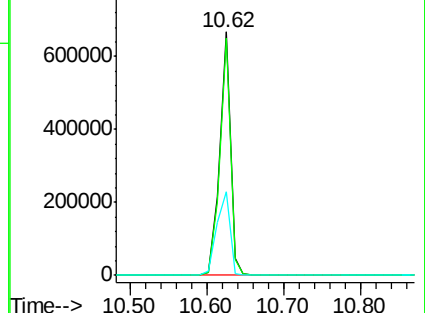
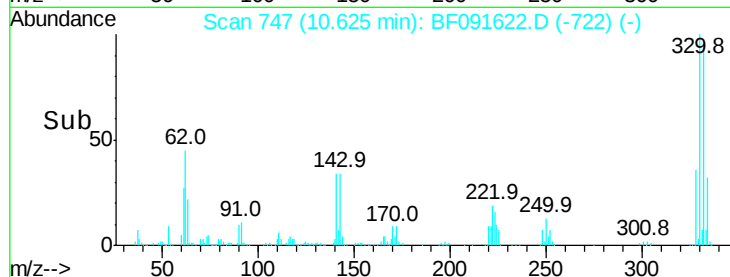
141 41.3 33.6 50.4



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: 72.38 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF091622.D

Acq: 15 Dec 2016 10:49

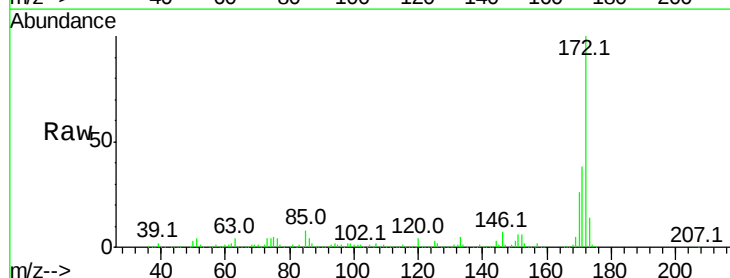
Tgt Ion:172 Resp: 3011781

Ion Ratio Lower Upper

172 100

171 37.7 29.4 44.0

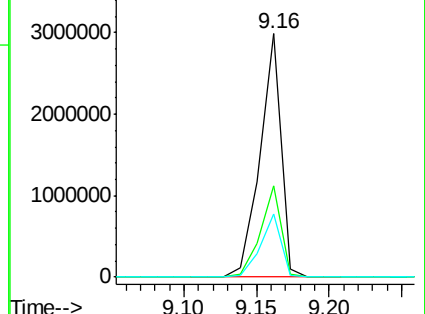
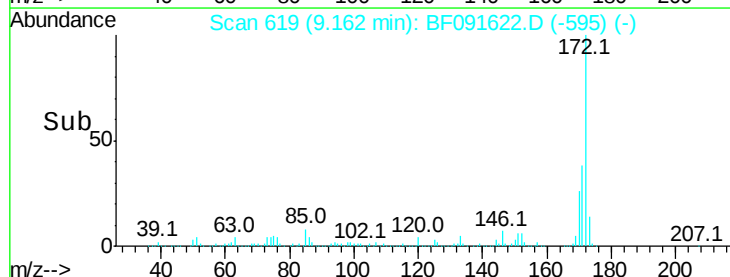
170 25.9 19.7 29.5

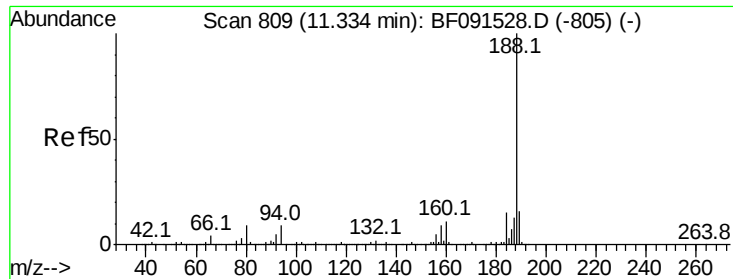


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

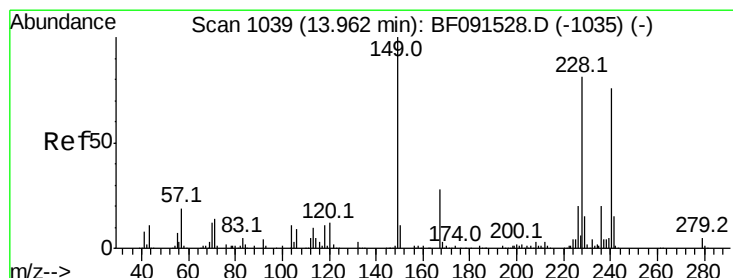
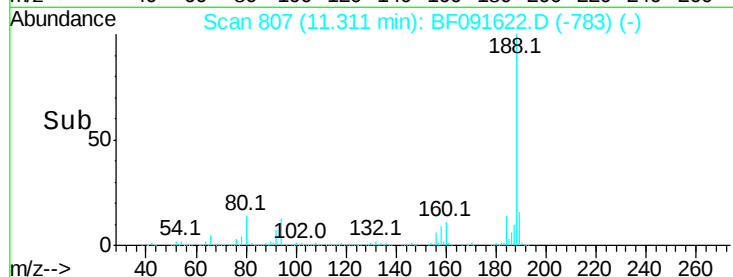
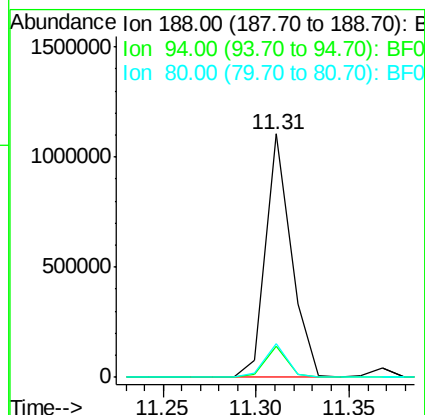
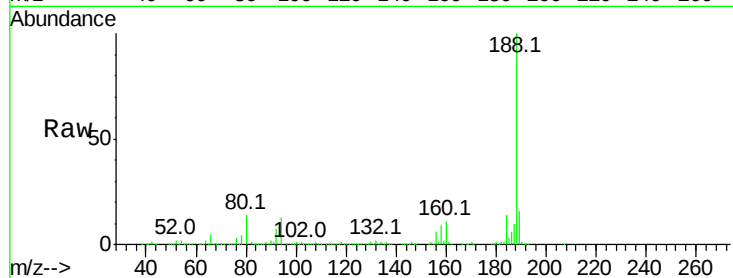




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091622.D
Acq: 15 Dec 2016 10:49

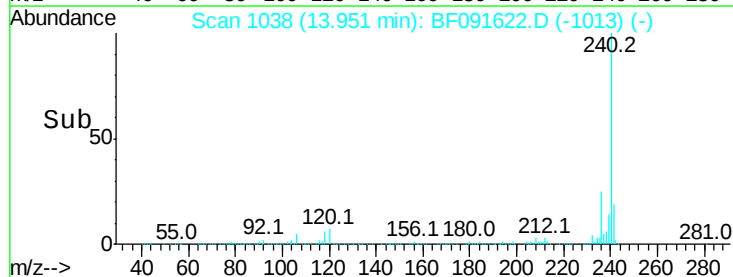
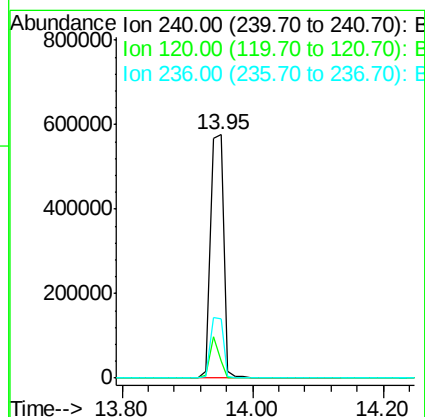
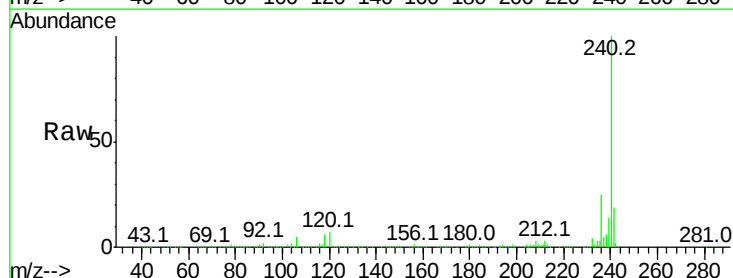
Instrument :
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54THST-FB-1-120716

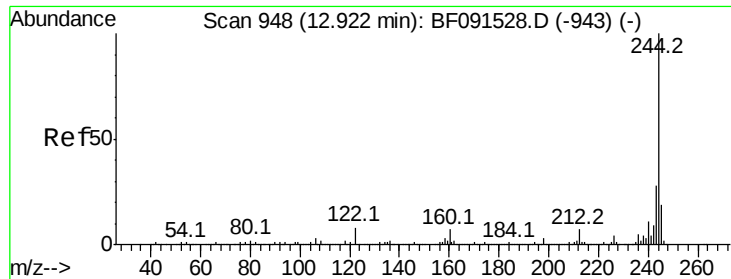
Tot Ion:188 Resp: 1043401
Ion Ratio Lower Upper
188 100
94 12.7 9.2 13.8
80 13.9 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091622.D
Acq: 15 Dec 2016 10:49

Tgt Ion:240 Resp: 816832
Ion Ratio Lower Upper
240 100
120 6.7 12.1 18.1#
236 24.6 21.0 31.6





#78

Terphenyl-d14

Concen: 82.98 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF091622.D

Acq: 15 Dec 2016 10:49

Instrument :

BNA_F

ClientSampleId :

54THST-FB-1-120716

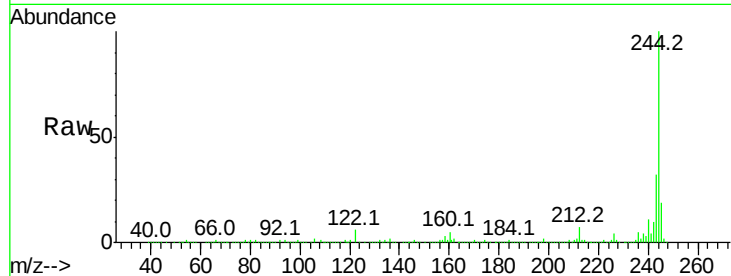
Tot Ion:244 Resp: 2986897

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

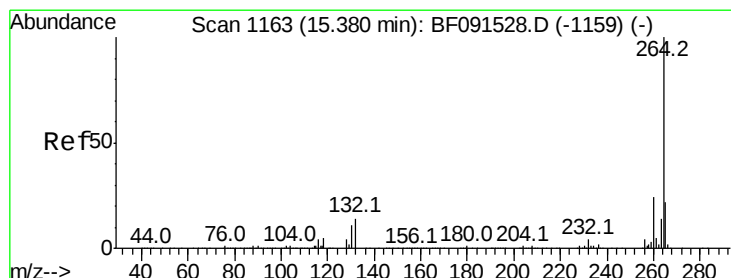
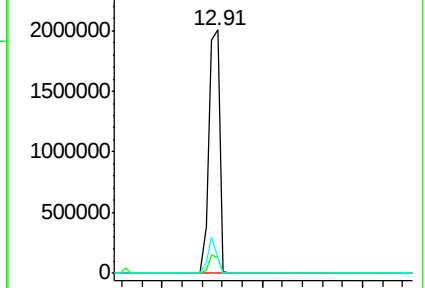
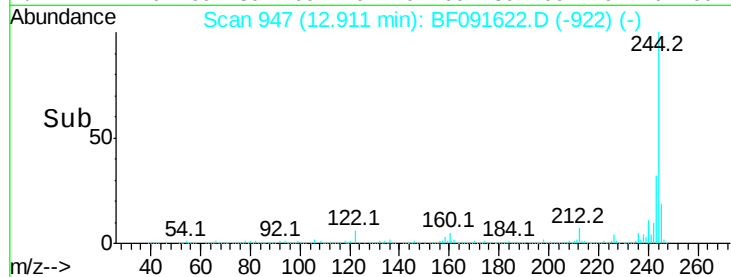
122 6.4 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF091622.D

Acq: 15 Dec 2016 10:49

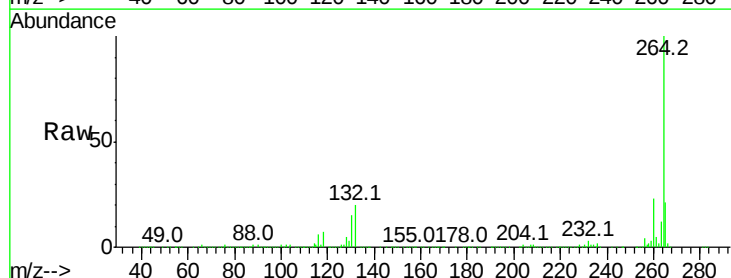
Tgt Ion:264 Resp: 636801

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.3 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

