

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091597.D
 Acq On : 14 Dec 2016 21:13
 Operator : UM/SJ
 Sample : H6006-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13-10-15

Quant Time: Dec 15 01:27:05 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

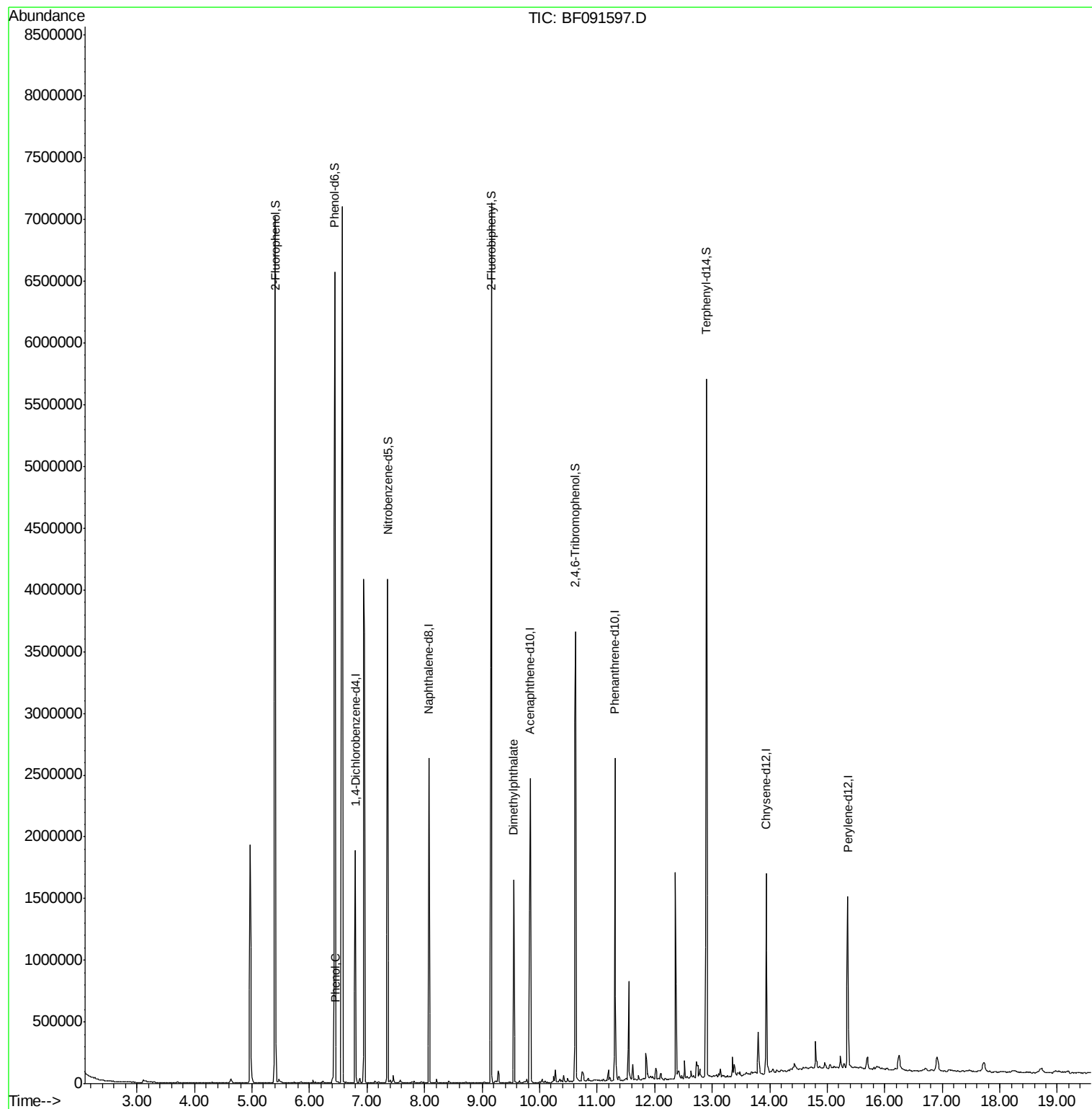
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	302641	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1181311	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	652684	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	938092	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	663850	20.00	ng	-0.02
86) Perylene-d12	15.36	264	626098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1978820	110.16	ng	-0.01
7) Phenol-d6	6.44	99	2826373	126.21	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1511297	71.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	586009	108.10	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2475359	65.53	ng	-0.02
78) Terphenyl-d14	12.90	244	1816938	62.11	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	91876	3.51	ng	Qvalue # 72
49) Dimethylphthalate	9.55	163	636376	15.40	ng	98

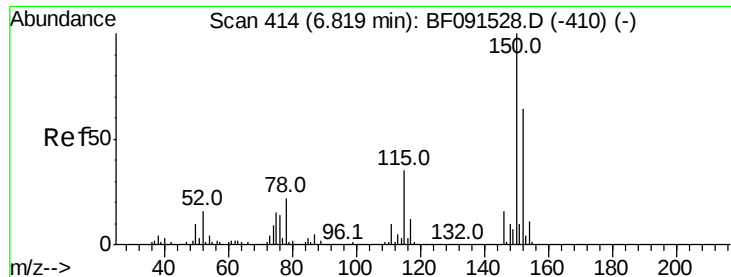
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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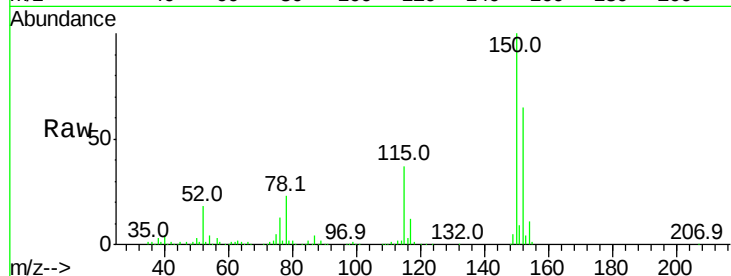


#1

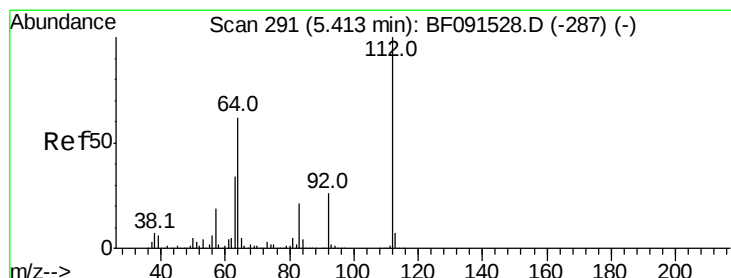
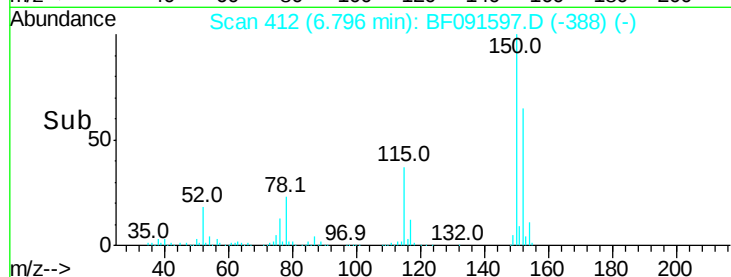
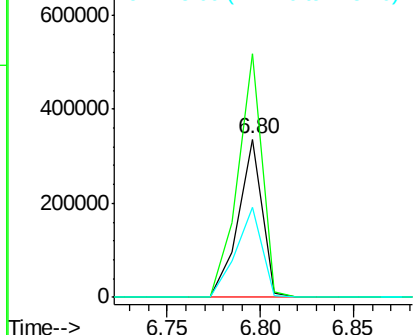
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

Instrument :
BNA_F
ClientSampleId :
WC-13-10-15

Tot Ion:152 Resp: 302641
Ion Ratio Lower Upper
152 100
150 153.7 122.5 183.7
115 57.0 51.8 77.8



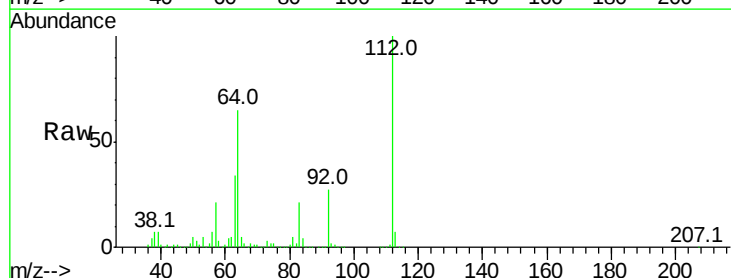
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



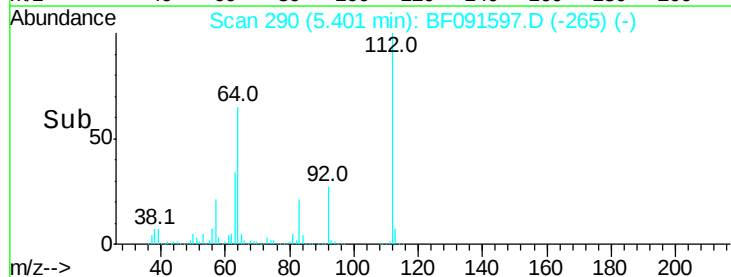
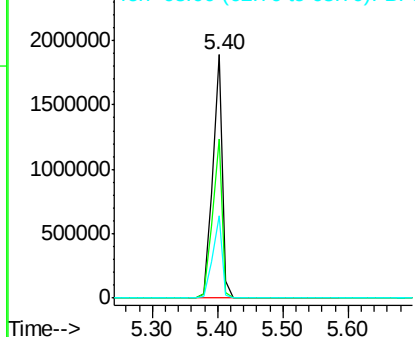
#5

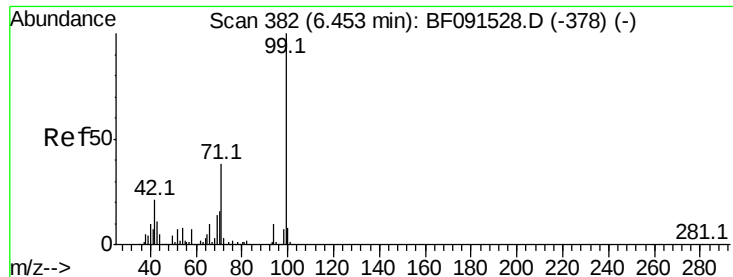
2-Fluorophenol
Concen: 110.16 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

Tgt Ion:112 Resp: 1978820
Ion Ratio Lower Upper
112 100
64 65.1 61.5 92.3
63 33.8 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: 126.21 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091597.D

Acq: 14 Dec 2016 21:13

Instrument :

BNA_F

ClientSampleId :

WC-13-10-15

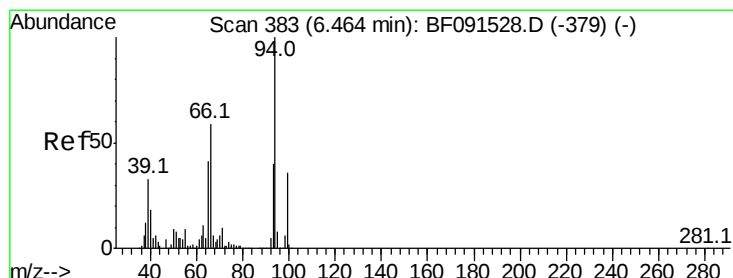
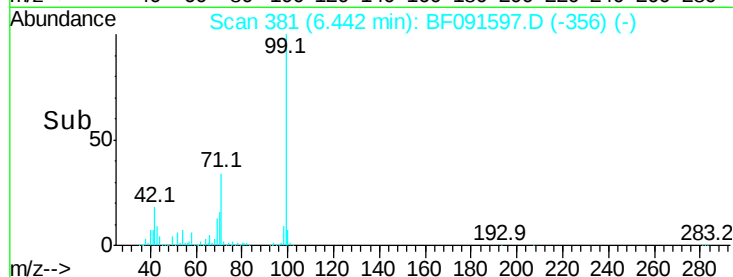
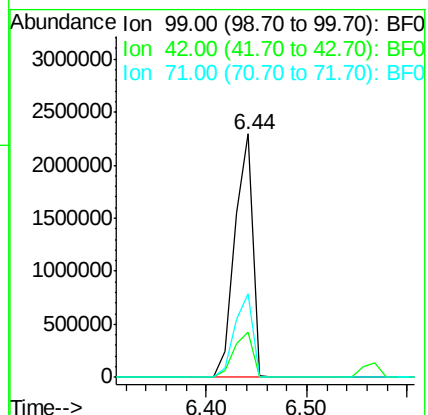
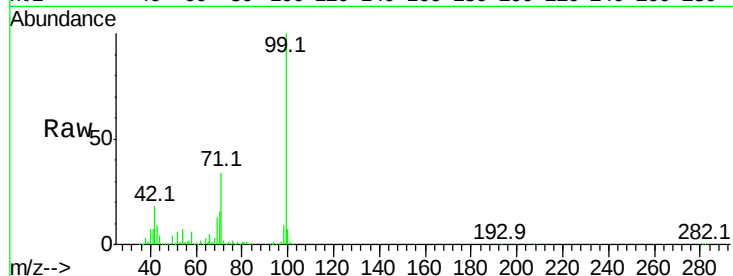
Tot Ion: 99 Resp: 2826373

Ion Ratio Lower Upper

99 100

42 18.4 20.6 31.0#

71 34.3 29.9 44.9



#10

Phenol

Concen: 3.51 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091597.D

Acq: 14 Dec 2016 21:13

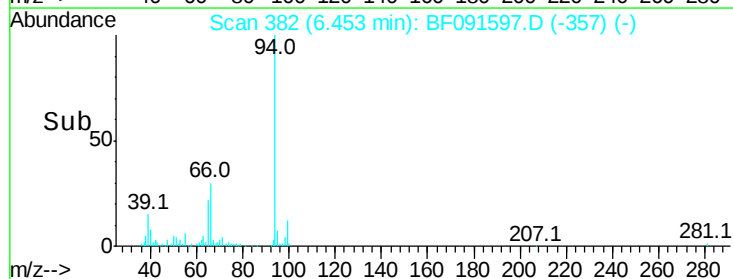
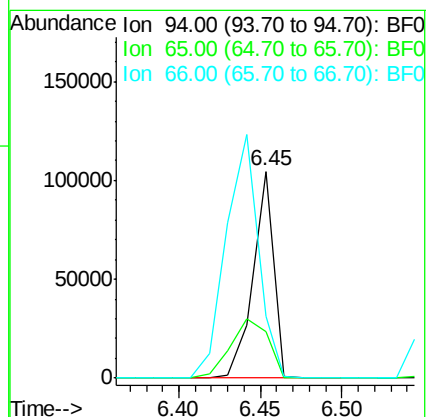
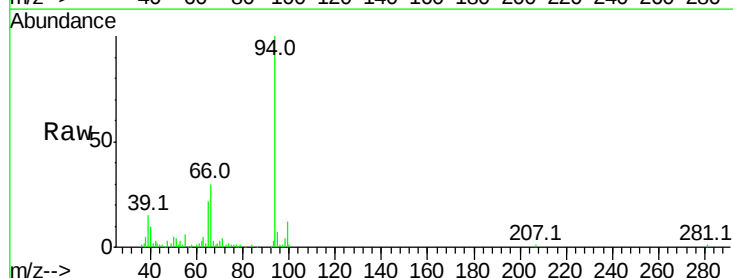
Tgt Ion: 94 Resp: 91876

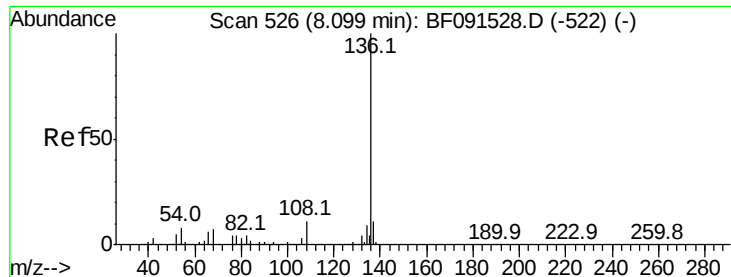
Ion Ratio Lower Upper

94 100

65 22.3 16.9 56.9

66 29.7 30.6 70.6#

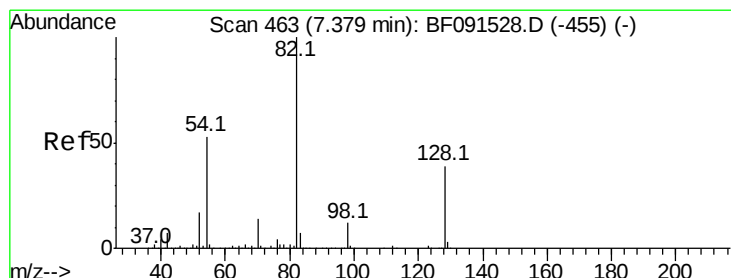
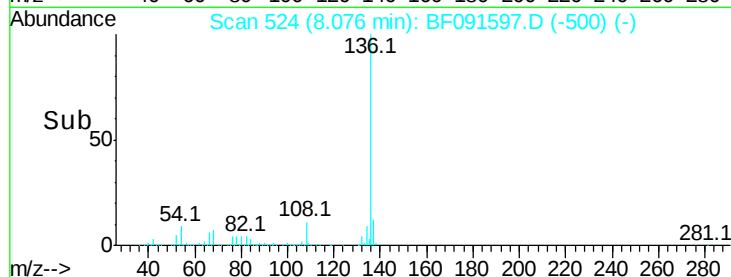
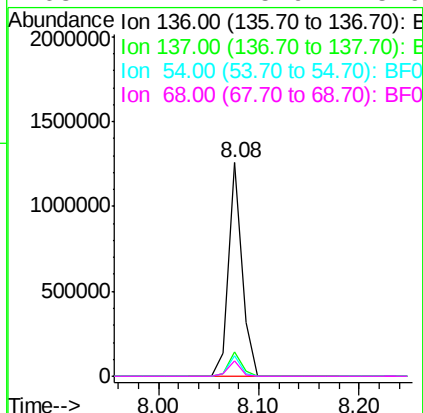
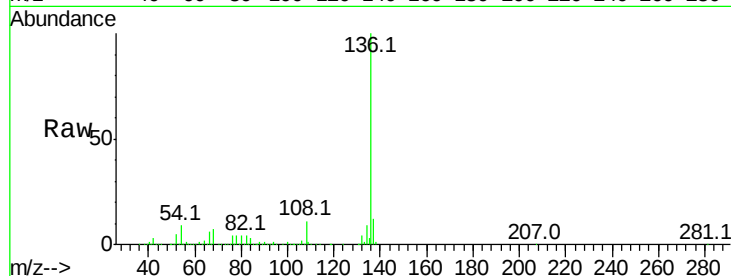




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

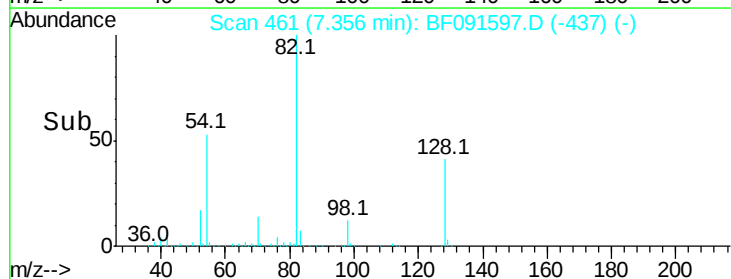
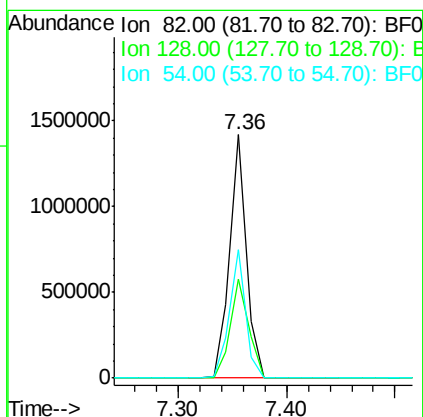
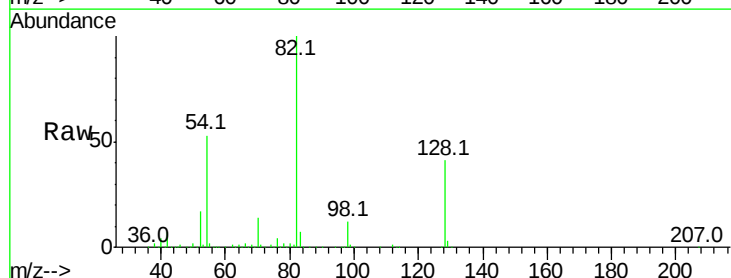
Instrument :
BNA_F
ClientSampleId :
WC-13-10-15

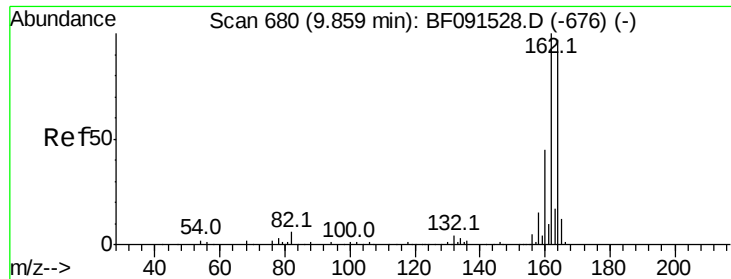
Tot Ion:136	Resp: 1181311
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 9.3	9.1 13.7
68 7.1	5.9 8.9



#23
Nitrobenzene-d5
Concen: 71.40 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

Tgt Ion: 82	Resp: 1511297
Ion Ratio	Lower Upper
82 100	
128 40.6	31.8 47.6
54 52.8	49.1 73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF091597.D

Acq: 14 Dec 2016 21:13

Instrument :

BNA_F

ClientSampleId :

WC-13-10-15

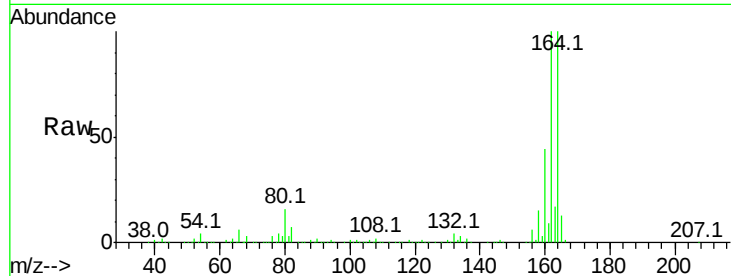
Tot Ion:164 Resp: 652684

Ion Ratio Lower Upper

164 100

162 99.8 82.6 124.0

160 44.0 36.7 55.1

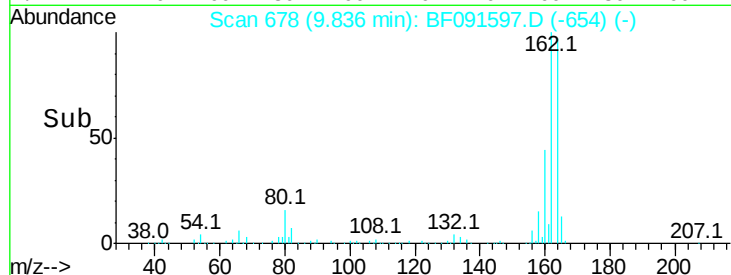


Abundance Ion 164.00 (163.70 to 164.70): E

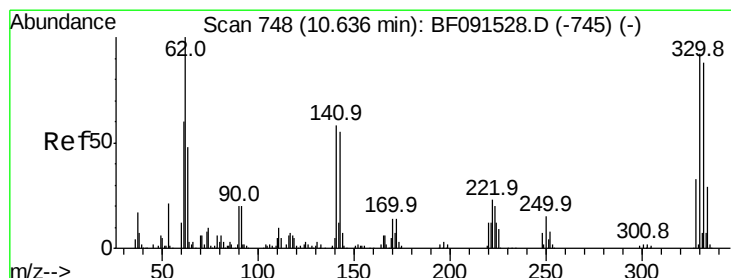
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.84



Time--> 9.75 9.80 9.85 9.90



#41

2,4,6-Tribromophenol

Concen: 108.10 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF091597.D

Acq: 14 Dec 2016 21:13

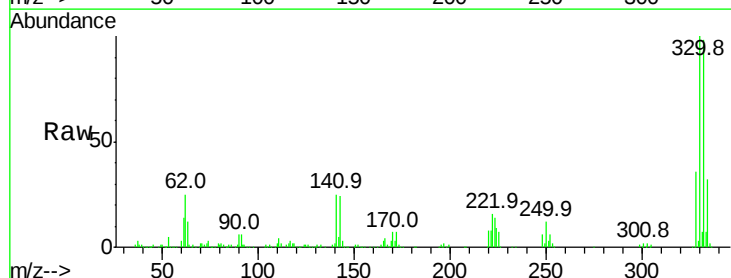
Tgt Ion:330 Resp: 586009

Ion Ratio Lower Upper

330 100

332 97.4 76.2 114.4

141 37.7 33.6 50.4

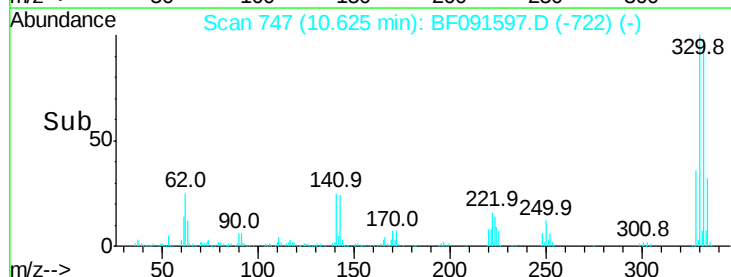


Abundance Ion 329.80 (329.50 to 330.50): E

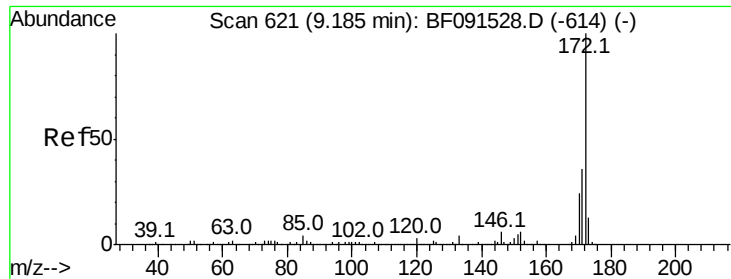
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.62



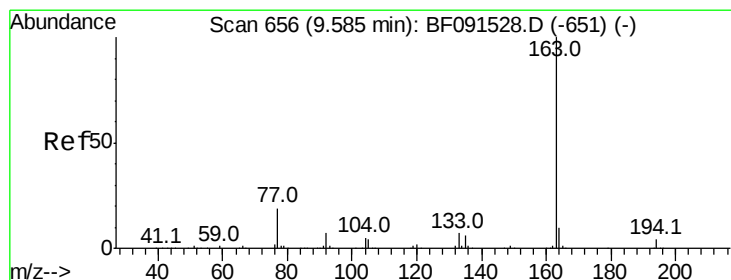
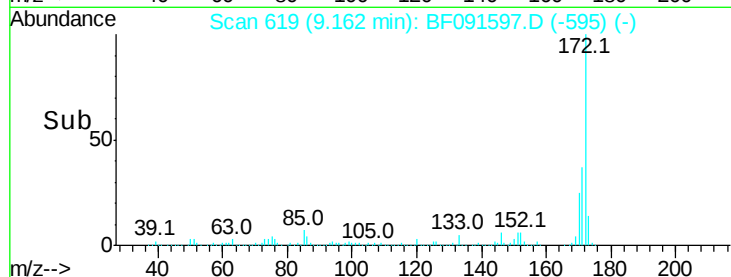
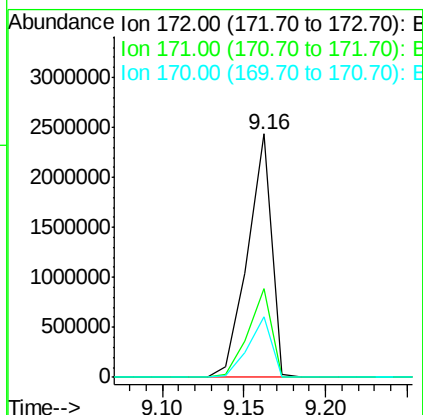
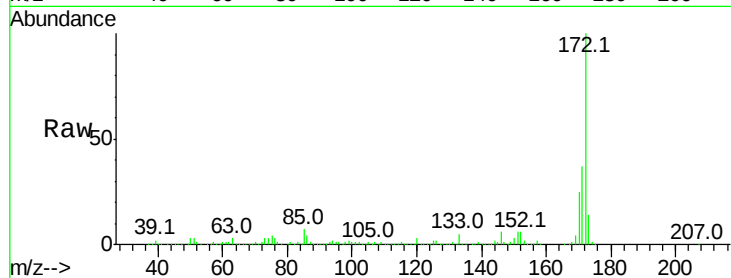
Time--> 10.50 10.60 10.70 10.80



#44
2-Fluorobiphenyl
Concen: 65.53 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

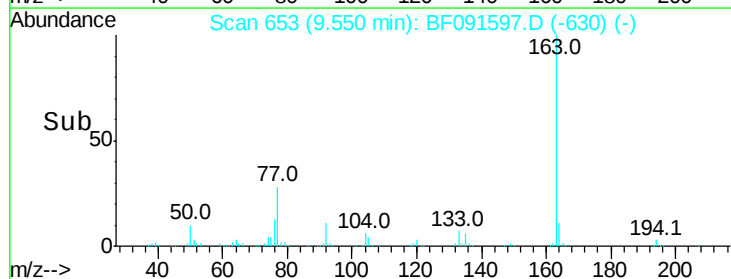
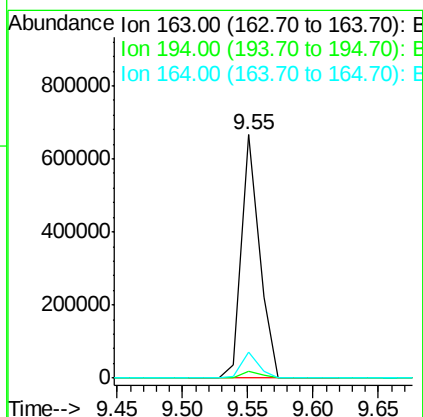
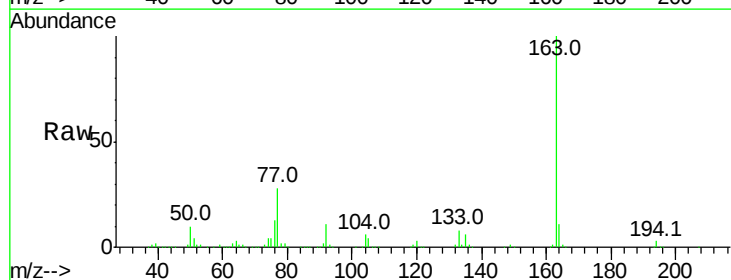
Instrument :
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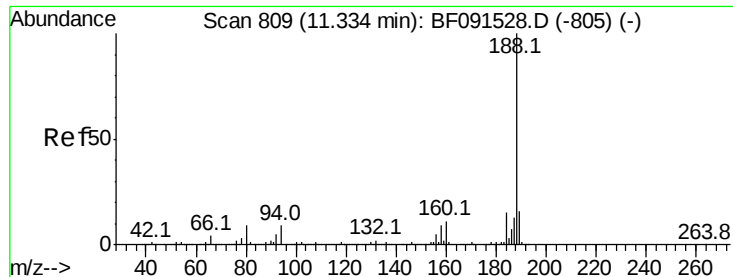
Tot Ion:172 Resp: 2475359
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 25.1 19.7 29.5



#49
Dimethylphthalate
Concen: 15.40 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

Tgt Ion:163 Resp: 636376
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.8 7.8 11.8

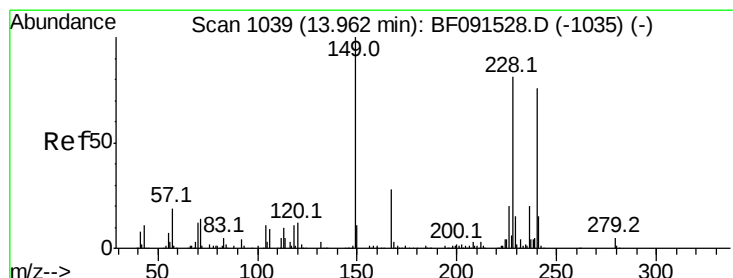
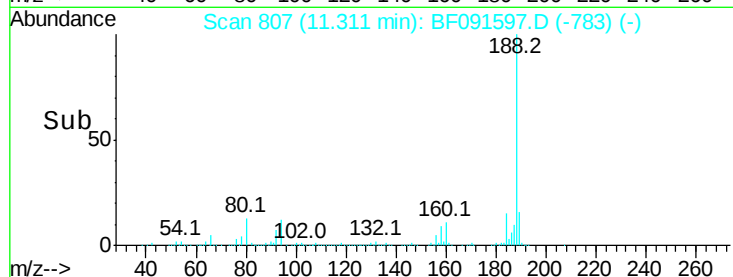
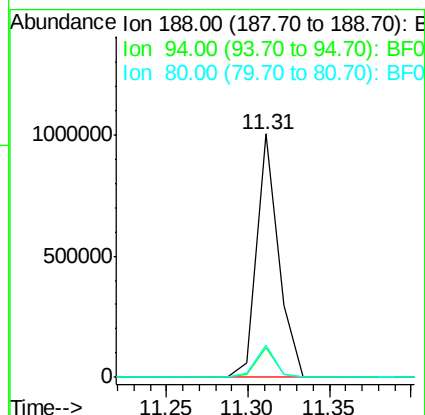
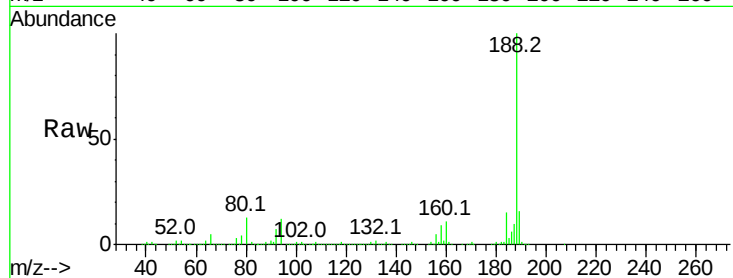




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

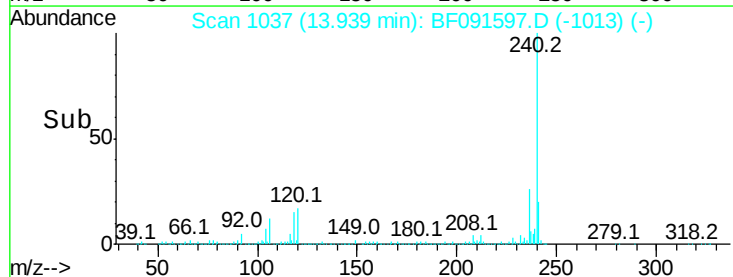
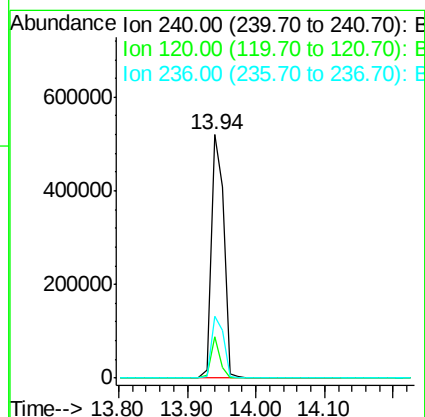
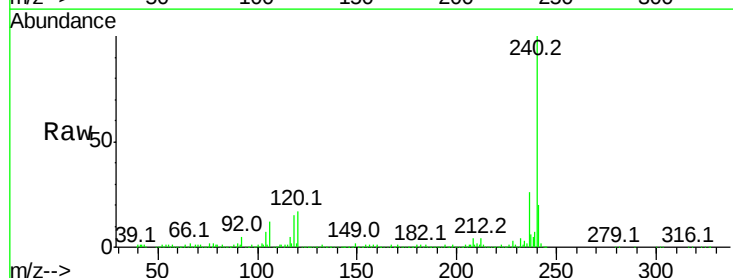
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WC-13-10-15

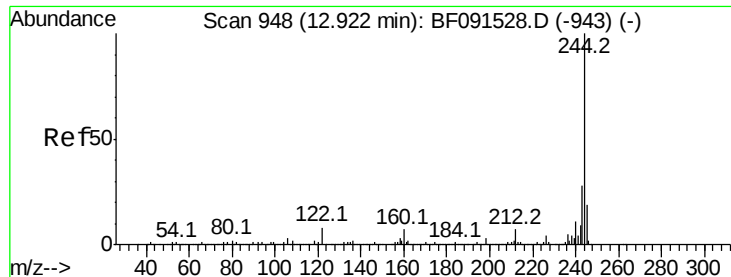
Tot Ion:188 Resp: 938092
Ion Ratio Lower Upper
188 100
94 12.1 9.2 13.8
80 13.2 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091597.D
Acq: 14 Dec 2016 21:13

Tgt Ion:240 Resp: 663850
Ion Ratio Lower Upper
240 100
120 17.1 12.1 18.1
236 25.7 21.0 31.6





#78

Terphenyl-d14

Concen: 62.11 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091597.D

Acq: 14 Dec 2016 21:13

Instrument :

BNA_F

ClientSampleId :

WC-13-10-15

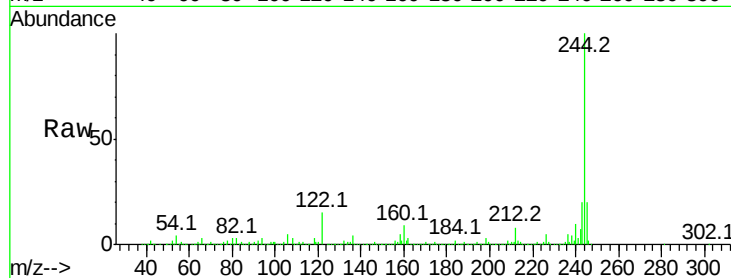
Tot Ion:244 Resp: 1816938

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

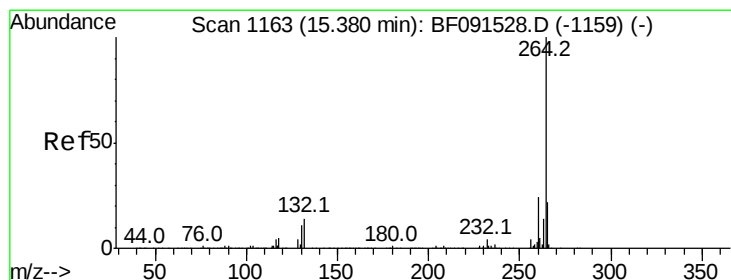
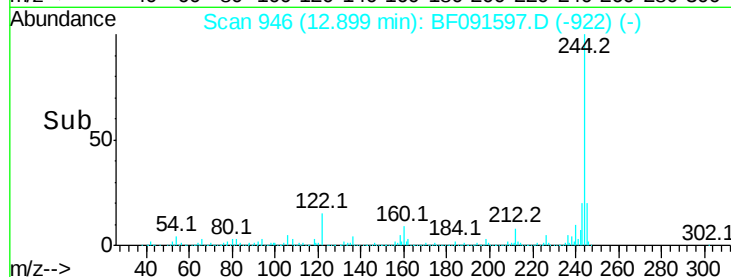
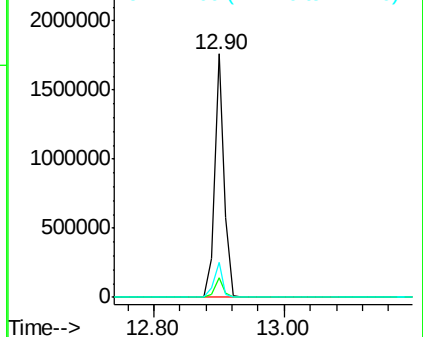
122 14.6 9.5 14.3#



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: BF091597.D

Acq: 14 Dec 2016 21:13

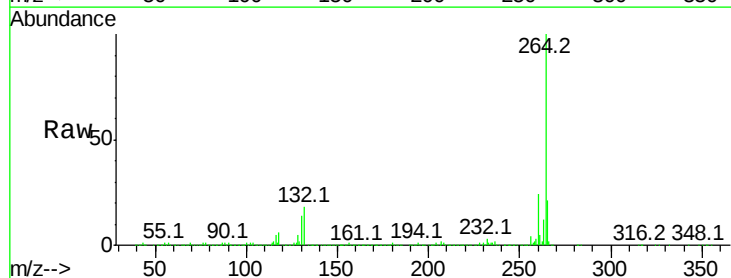
Tgt Ion:264 Resp: 626098

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.5 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

