

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093047.D
 Acq On : 20 Feb 2017 23:54
 Operator : SJ/MA
 Sample : I1913-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMP

Quant Time: Feb 21 00:25:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154900	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	617655	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	290855	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	544392	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	447835	20.00	ng	-0.01
86) Perylene-d12	15.43	264	151034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1150296	127.40	ng	0.01
7) Phenol-d6	6.49	99	1231997	106.05	ng	0.00
23) Nitrobenzene-d5	7.41	82	887229	79.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	323372	153.72	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1733796	107.99	ng	0.00
78) Terphenyl-d14	12.96	244	1391482	73.01	ng	-0.01

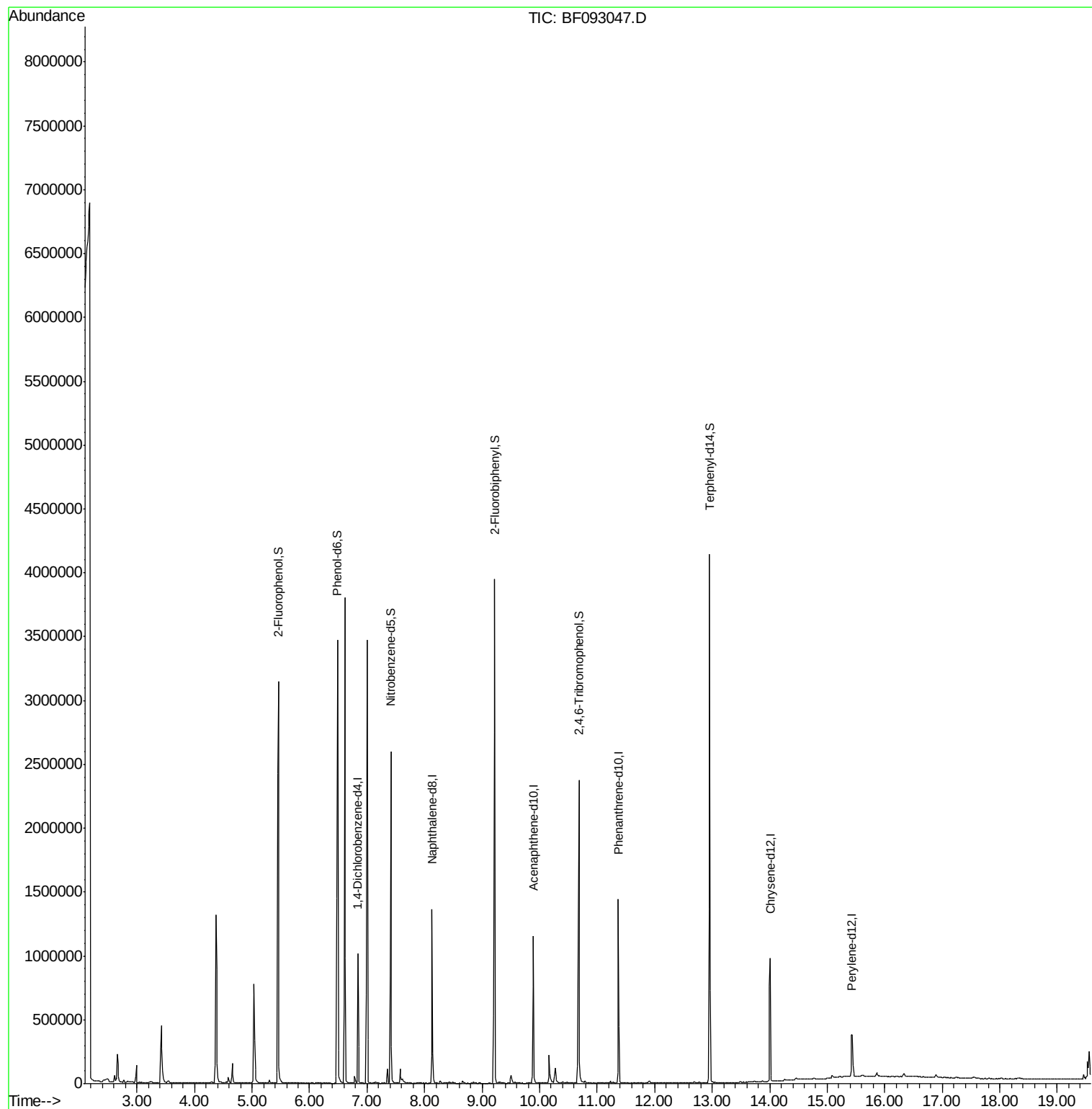
Target Compounds Qvalue

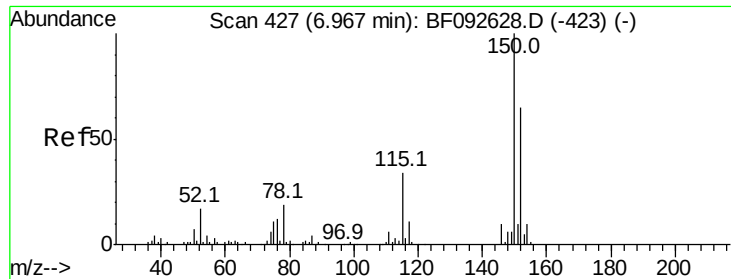
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093047.D

Acq: 20 Feb 2017 23:54

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMP

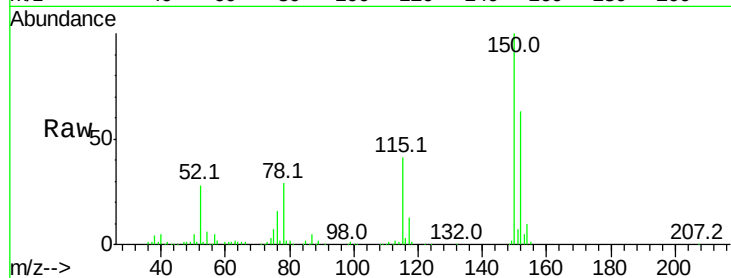
Tot Ion:152 Resp: 154900

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

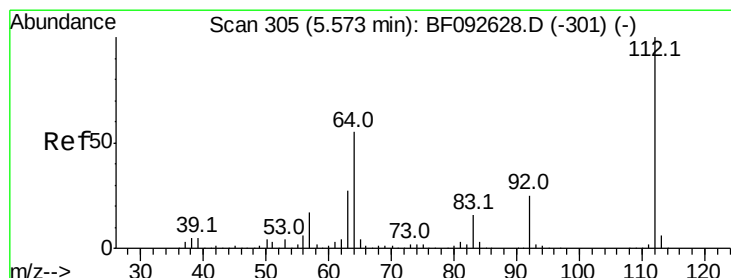
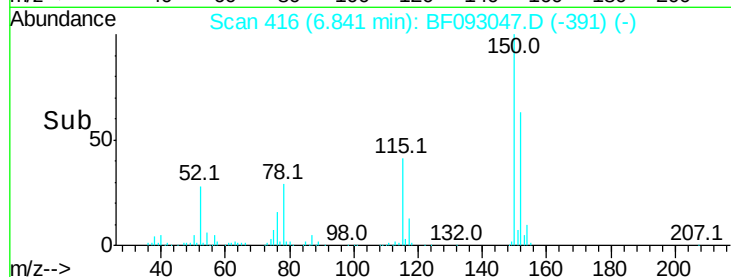
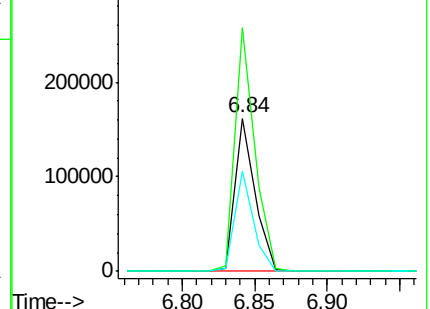
115 65.5 46.0 69.0



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: 127.40 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093047.D

Acq: 20 Feb 2017 23:54

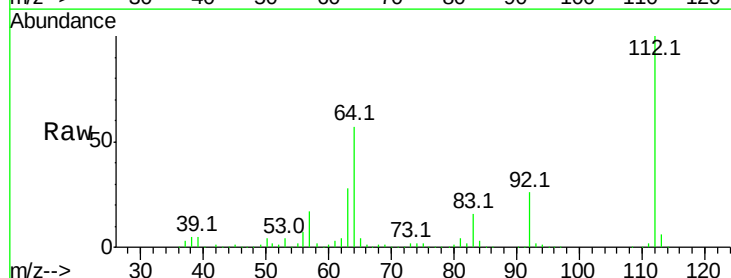
Tgt Ion:112 Resp: 1150296

Ion Ratio Lower Upper

112 100

64 56.6 46.1 69.1

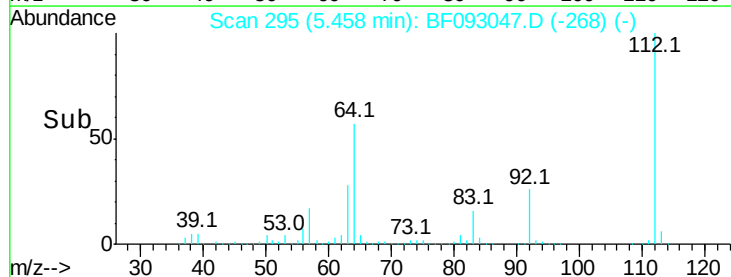
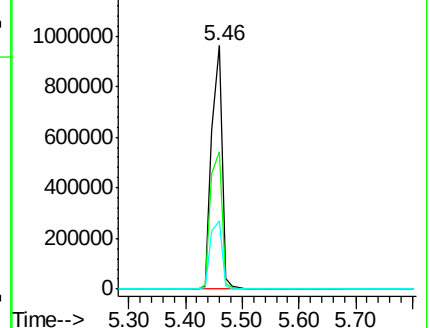
63 28.0 23.8 35.6

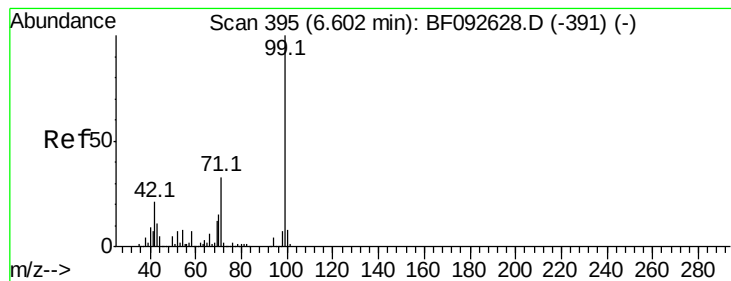


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.05 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093047.D

Acq: 20 Feb 2017 23:54

Instrument :

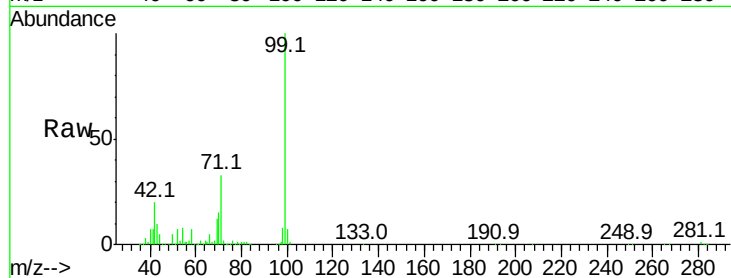
BNA_F

ClientSampleId :

SP-ABCD-COMP

Tot Ion: 99 Resp: 1231997

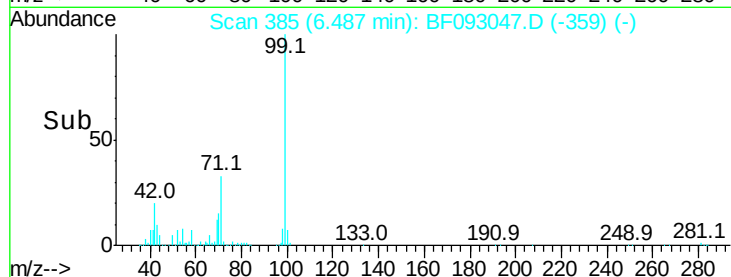
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	32.9	27.5	41.3



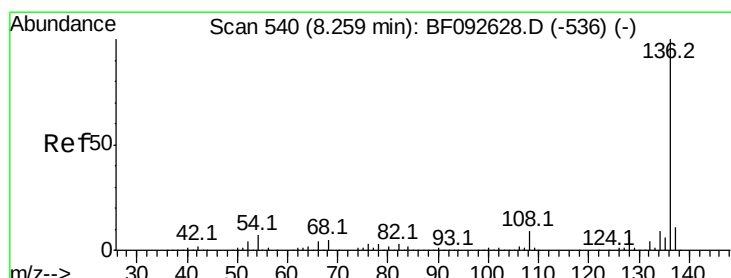
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

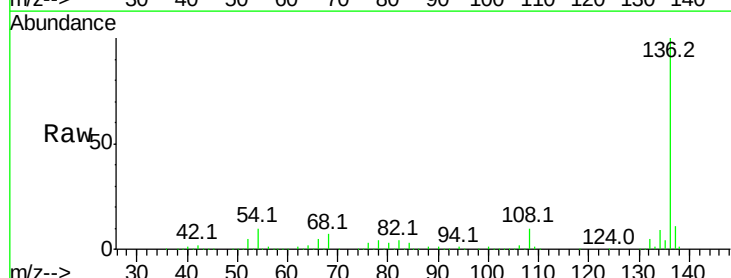
Delta R.T. -0.01 min

Lab File: BF093047.D

Acq: 20 Feb 2017 23:54

Tgt Ion: 136 Resp: 617655

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.2	4.5	6.7#
68	7.0	3.6	5.4#

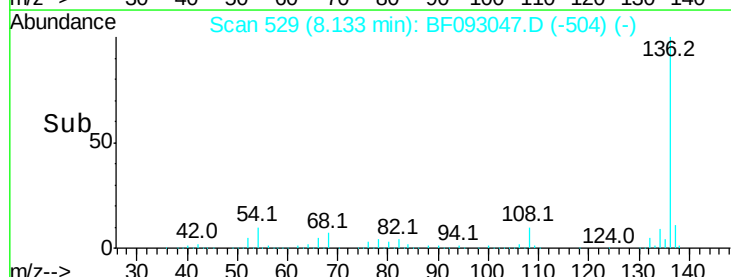


Abundance Ion 136.00 (135.70 to 136.70): E

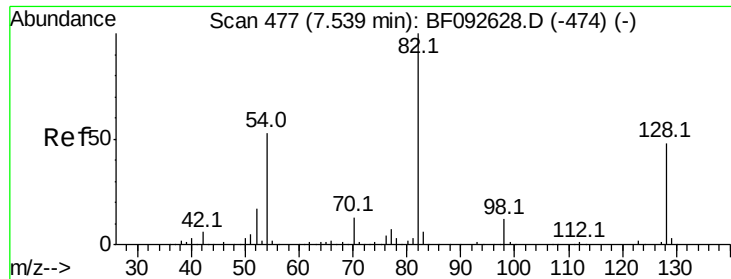
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



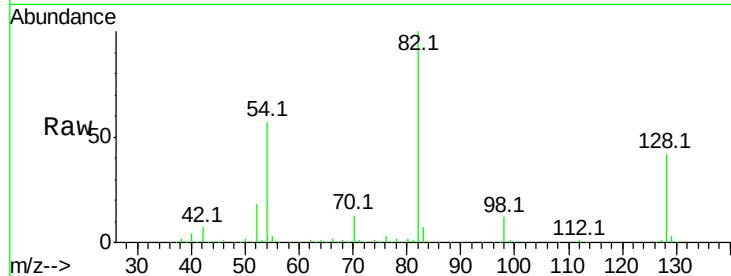
Time-->



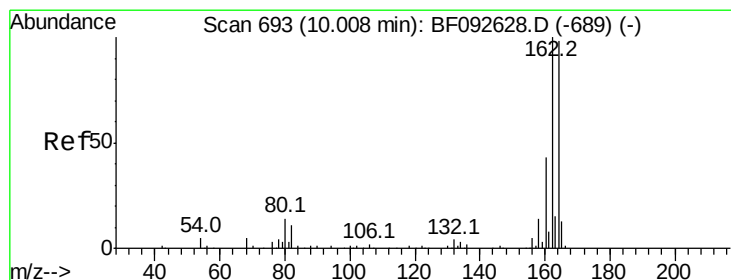
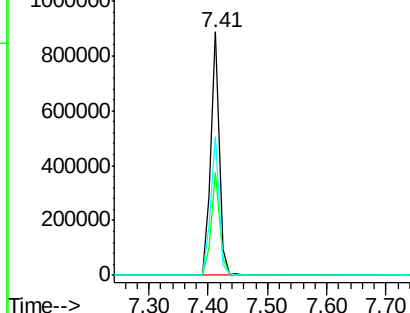
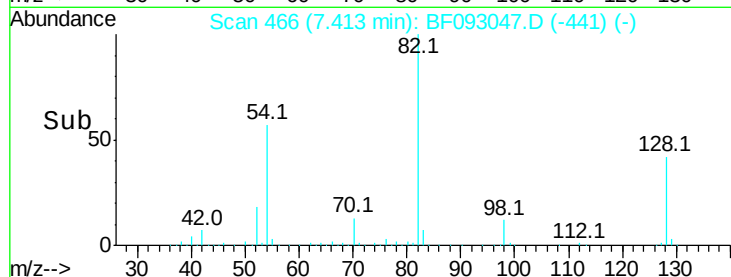
#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093047.D
 Acq: 20 Feb 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMP

Tot Ion	82	Resp	887229
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.6	52.0
54	57.1	39.5	59.3

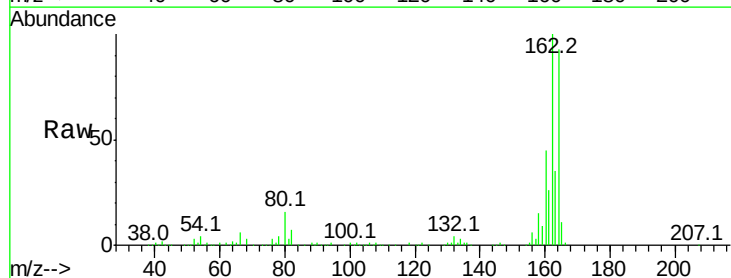


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

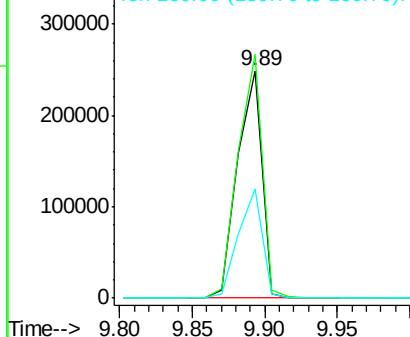
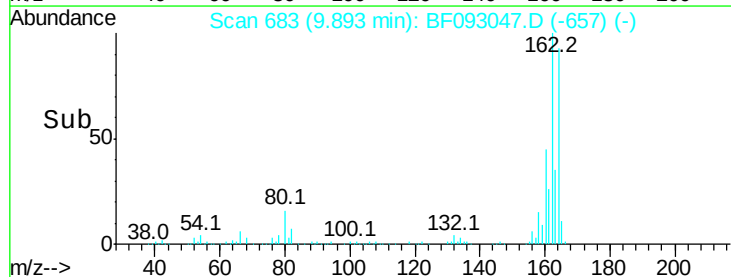


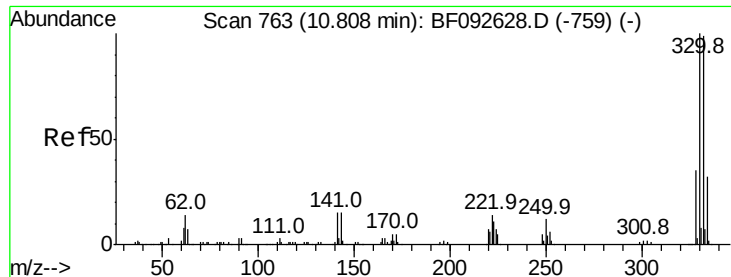
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093047.D
 Acq: 20 Feb 2017 23:54

Tgt Ion	164	Resp	290855
Ion Ratio	Lower	Upper	
164	100		
162	107.2	80.2	120.2
160	47.9	36.9	55.3



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

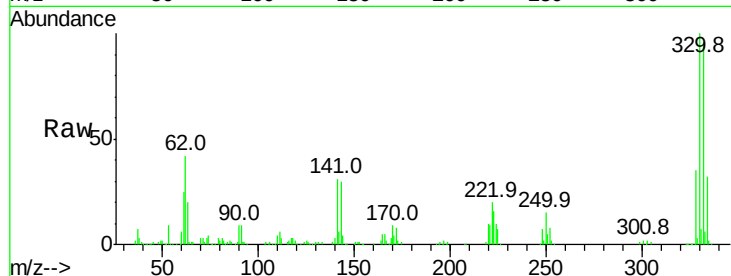




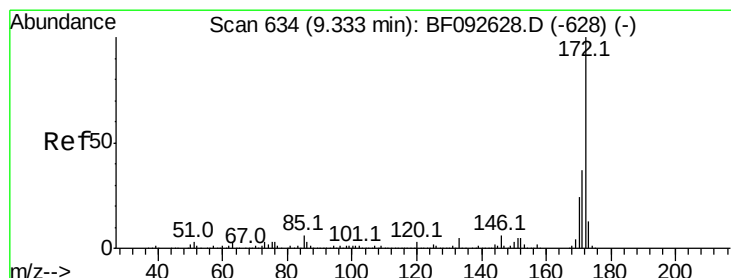
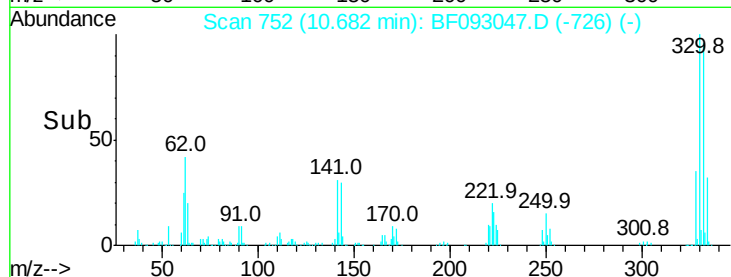
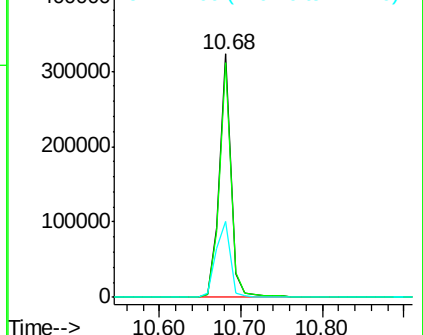
#41
 2,4,6-Tribromophenol
 Concen: 153.72 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093047.D
 Acq: 20 Feb 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMP

Tot Ion:330 Resp: 323372
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 39.1 34.1 51.1

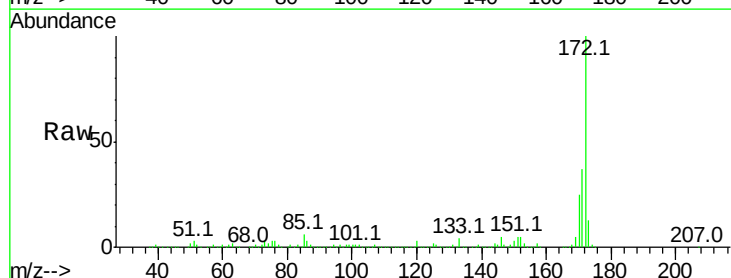


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

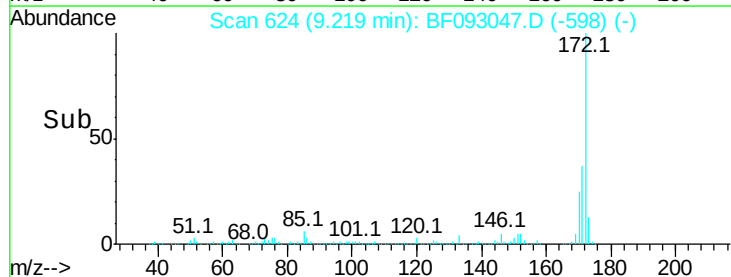
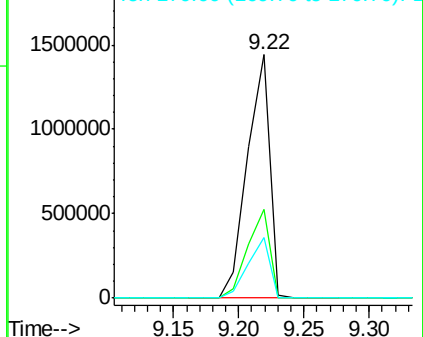


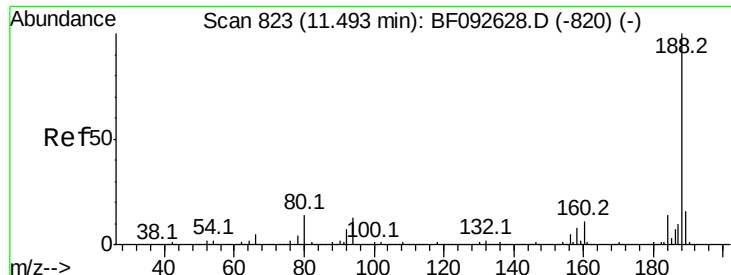
#44
 2-Fluorobiphenyl
 Concen: 107.99 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093047.D
 Acq: 20 Feb 2017 23:54

Tgt Ion:172 Resp: 1733796
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 20.2 30.4



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

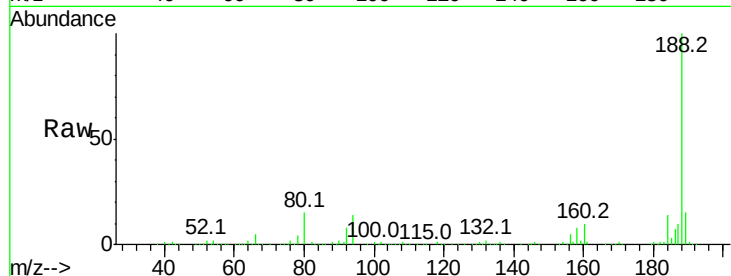




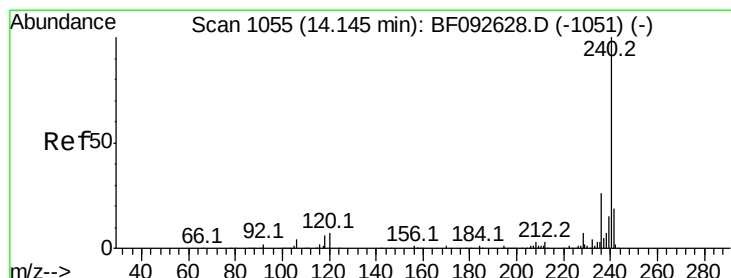
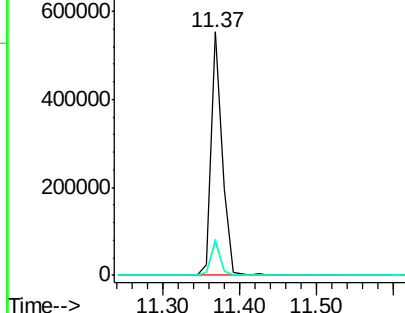
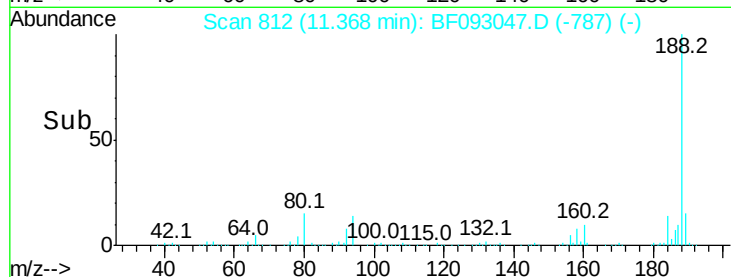
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093047.D
Acq: 20 Feb 2017 23:54

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMP

Tot Ion:188 Resp: 544392
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 14.8 11.2 16.8

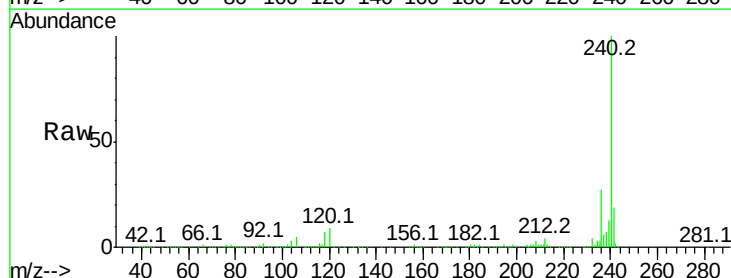


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

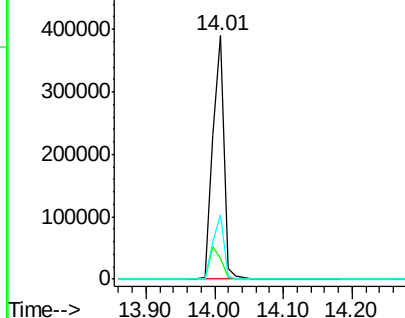
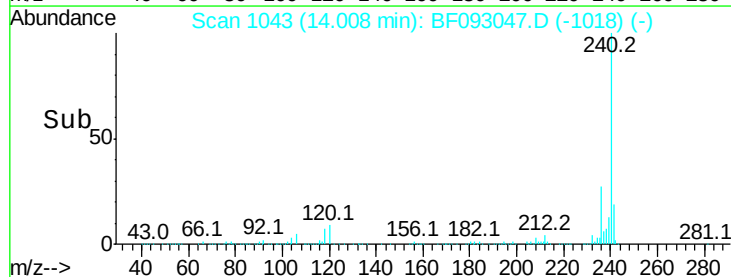


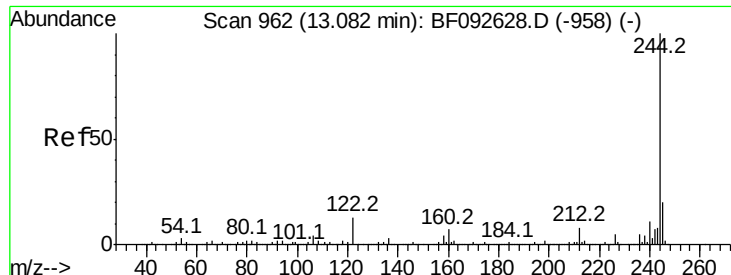
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093047.D
Acq: 20 Feb 2017 23:54

Tgt Ion:240 Resp: 447835
Ion Ratio Lower Upper
240 100
120 8.6 12.9 19.3#
236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

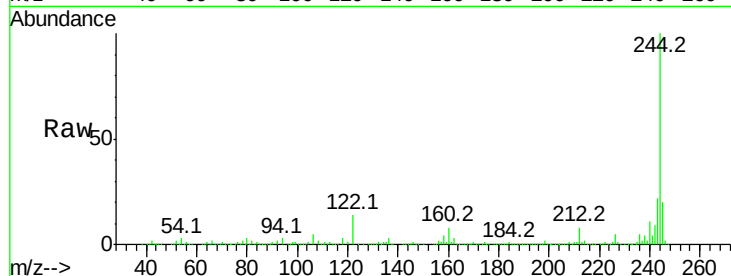




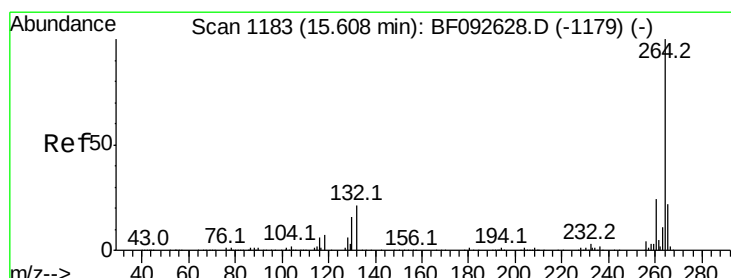
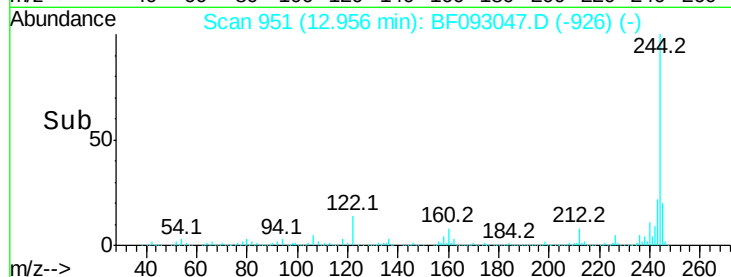
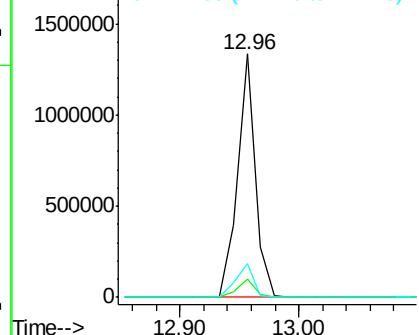
#78
 Terphenyl-d14
 Concen: 73.01 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093047.D
 Acq: 20 Feb 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMP

Tot Ion:244 Resp: 1391482
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.6 11.4 17.2

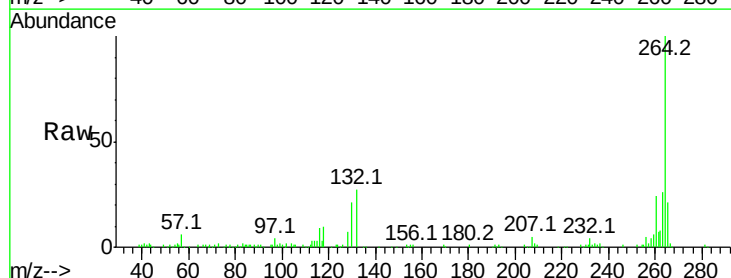


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093047.D
 Acq: 20 Feb 2017 23:54

Tgt Ion:264 Resp: 151034
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.5 17.4 26.0



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

