

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093491.D
 Acq On : 9 Mar 2017 22:34
 Operator : SJ/MA
 Sample : I2195-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-TP-6-COMP-0-12FT

Quant Time: Mar 10 00:21:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

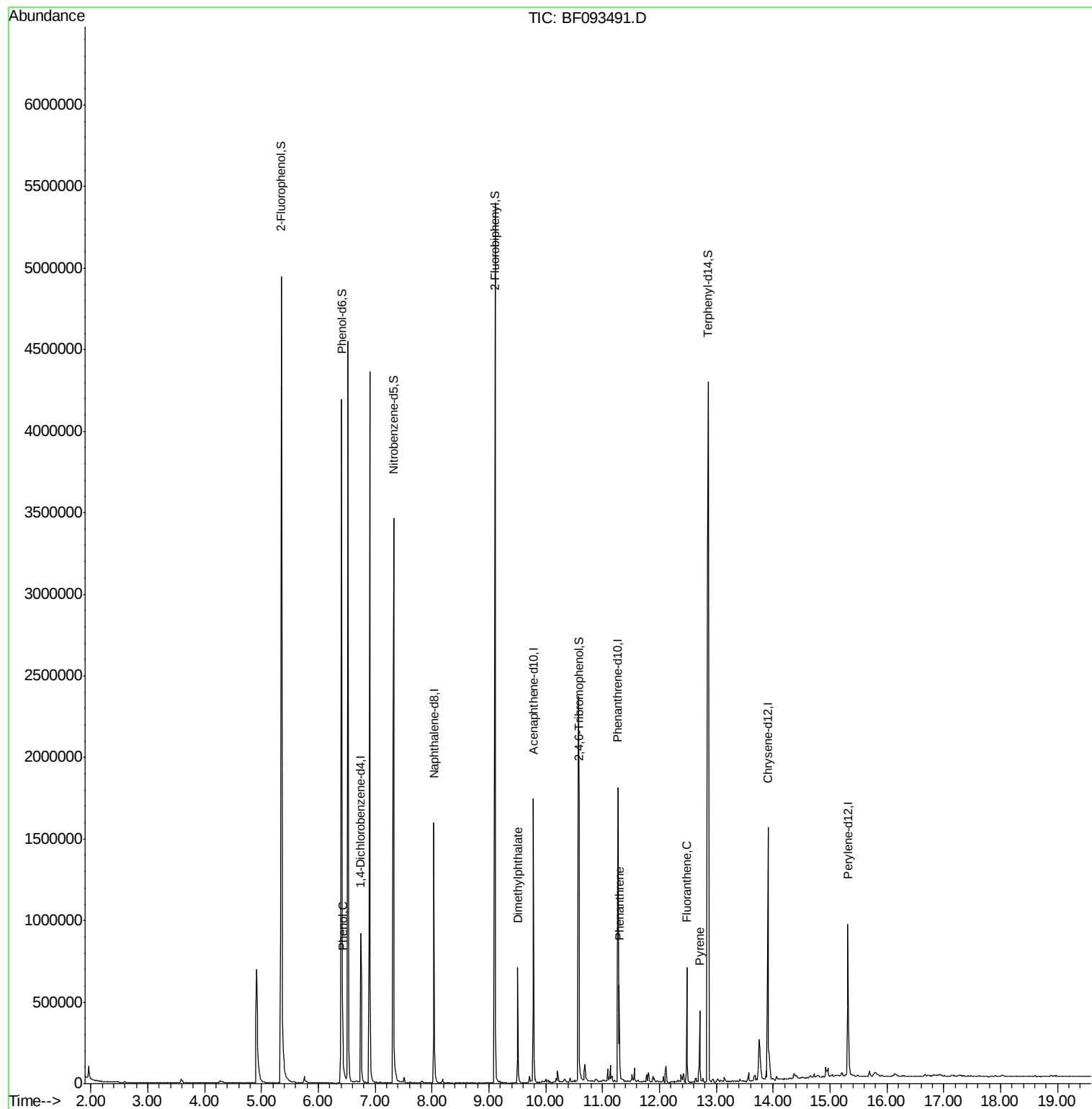
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	178894m	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	713568	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	337217	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	634967	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	561677	20.00	ng	-0.01
86) Perylene-d12	15.32	264	417001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1525157	141.89	ng	0.00
7) Phenol-d6	6.41	99	2169200	160.04	ng	0.00
23) Nitrobenzene-d5	7.33	82	1415624	110.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	379140	172.57	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1788454	98.65	ng	-0.02
78) Terphenyl-d14	12.86	244	1741167	80.60	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	107245m	6.46	ng	Qvalue
49) Dimethylphthalate	9.51	163	287771	12.87	ng	100
70) Phenanthrene	11.29	178	215882	5.96	ng	99
74) Fluoranthene	12.48	202	266339	7.61	ng	98
77) Pyrene	12.71	202	170631	4.18	ng	97

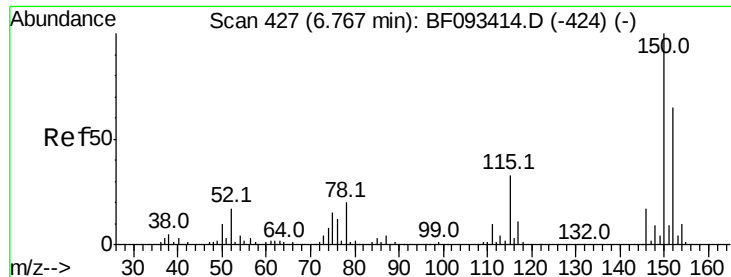
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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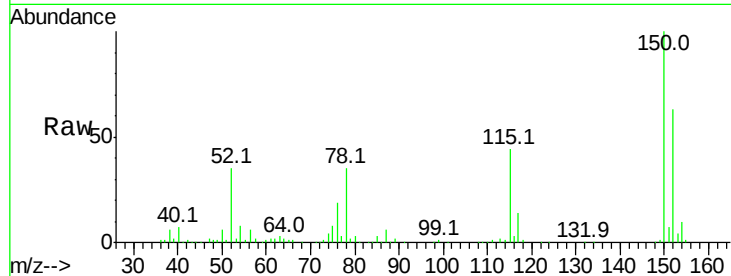


#1

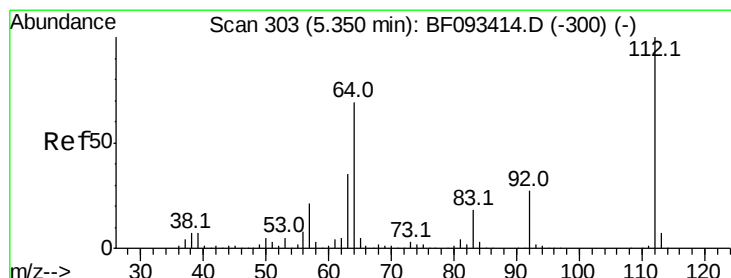
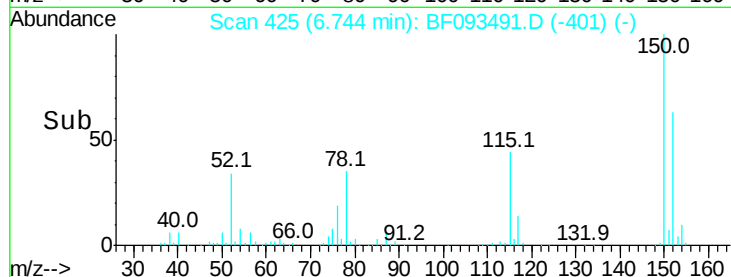
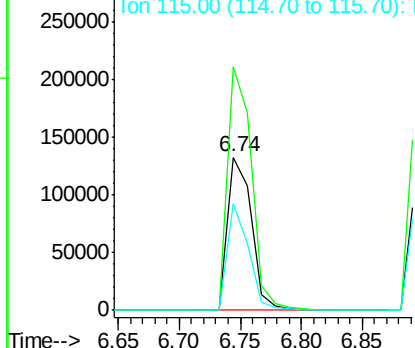
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Instrument :
BNA_F
ClientSampleId :
TP-7-TP-6-COMP-0-12FT

Tot Ion:152 Resp: 178894
Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 70.2 46.0 69.0#



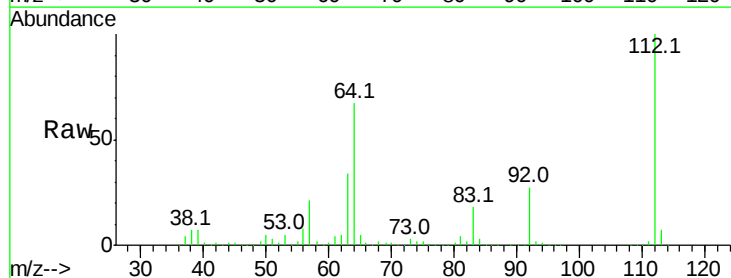
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



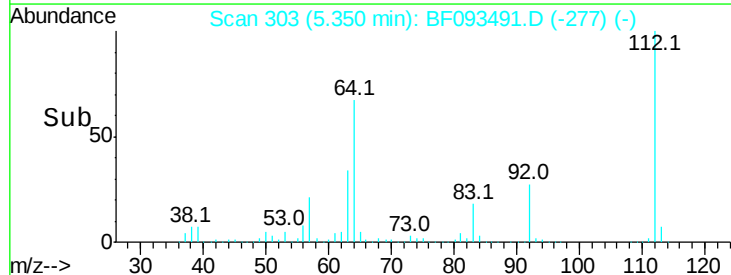
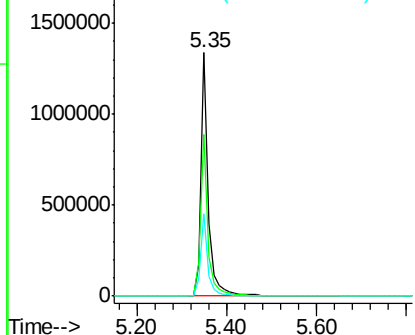
#5

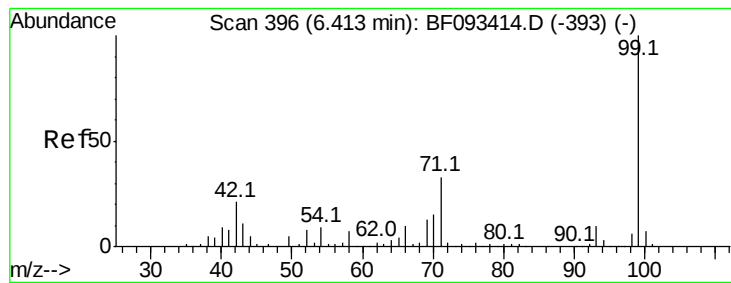
2-Fluorophenol
Concen: 141.89 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Tgt Ion:112 Resp: 1525157
Ion Ratio Lower Upper
112 100
64 66.6 46.1 69.1
63 34.0 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: 160.04 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

Instrument :

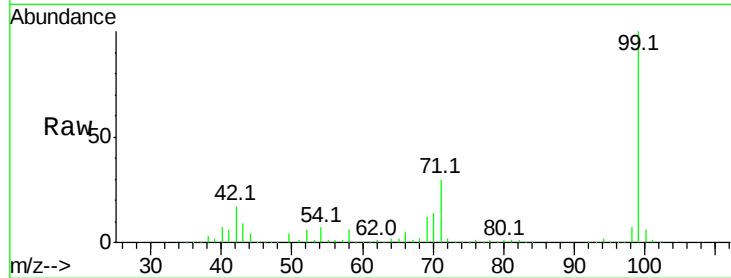
BNA_F

ClientSampleId :

TP-7-TP-6-COMP-0-12FT

Tot Ion: 99 Resp: 2169200

Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.6	23.4
71	30.0	27.5	41.3

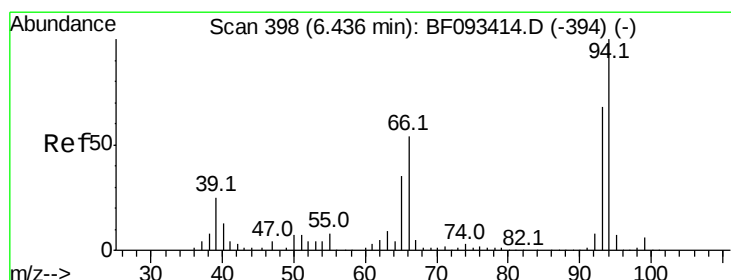
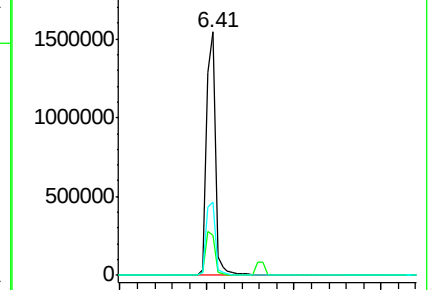
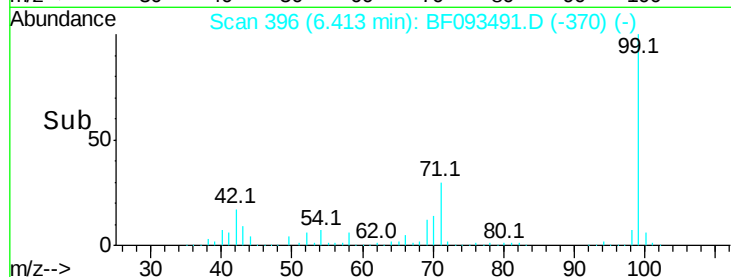


Abundance

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



#10

Phenol

Concen: 6.46 ng m

RT: 6.42 min Scan# 397

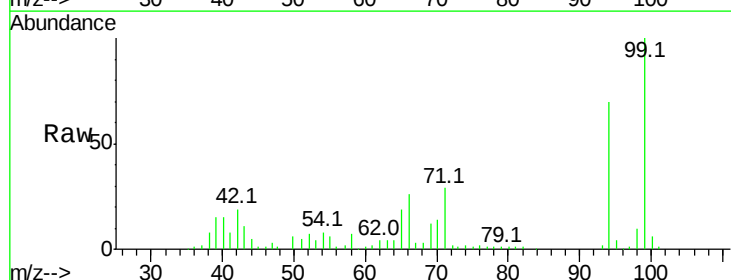
Delta R.T. -0.01 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

Tgt Ion: 94 Resp: 107245

Ion	Ratio	Lower	Upper
94	100		
65	27.0	21.4	61.4
66	36.8	44.0	84.0#

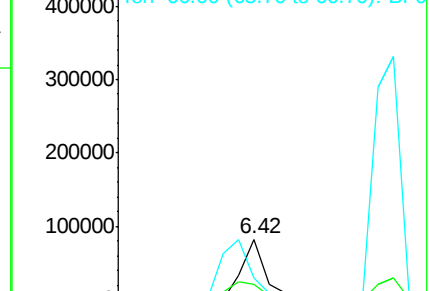
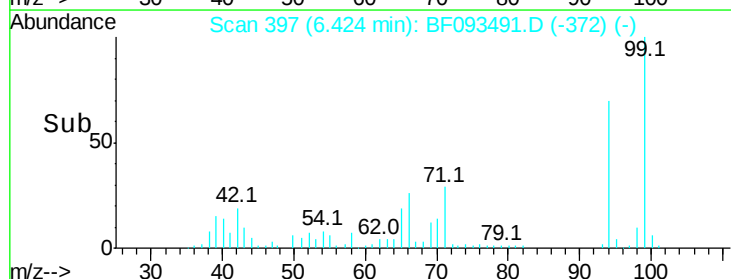


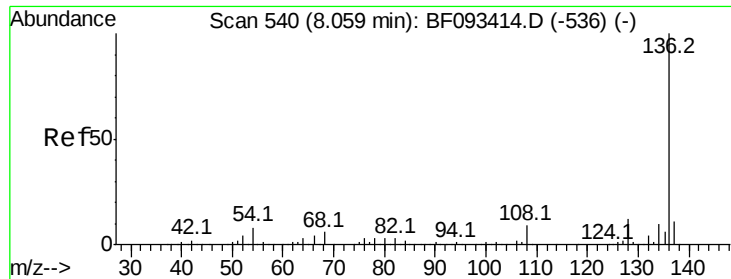
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

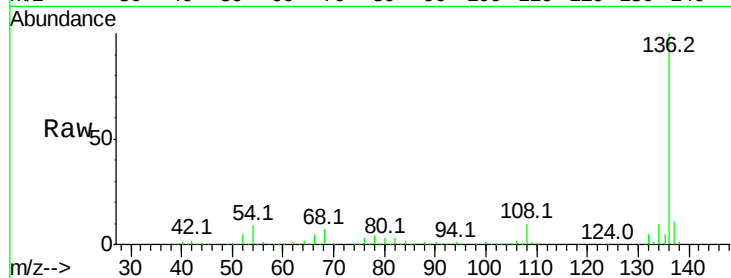




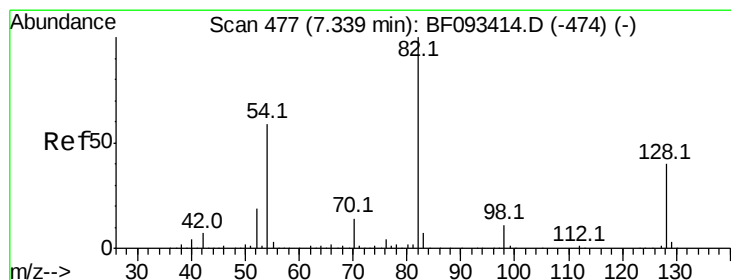
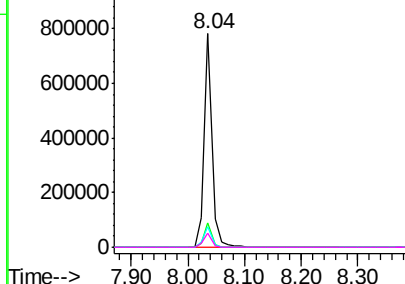
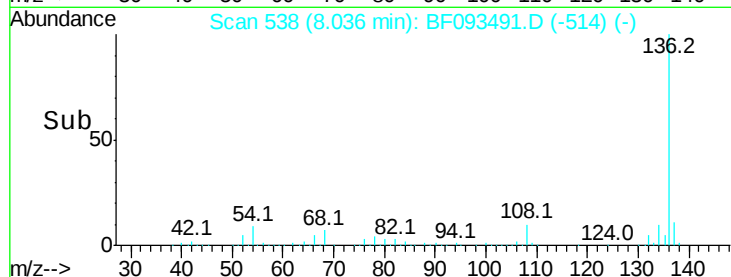
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Instrument :
BNA_F
ClientSampleId :
TP-7-TP-6-COMP-0-12FT

Tot Ion:	136	Resp:	713568
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.5	4.5	6.7#
68	6.8	3.6	5.4#

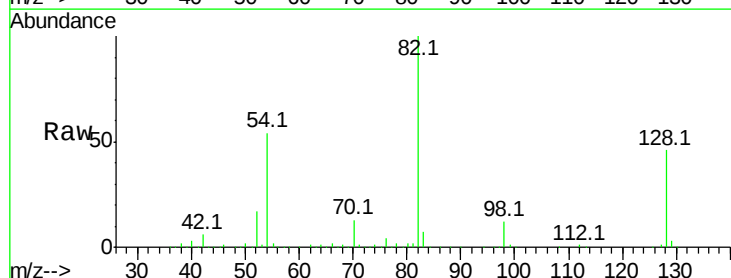


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

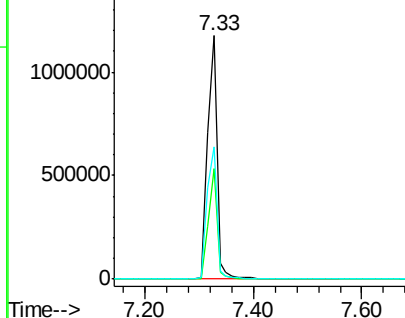
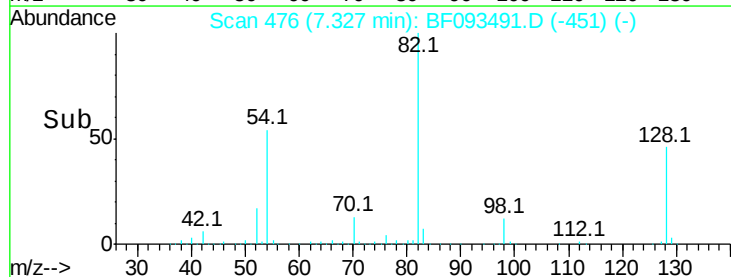


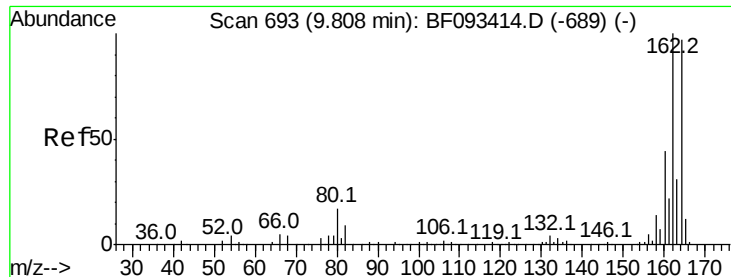
#23
Nitrobenzene-d5
Concen: 110.07 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Tgt Ion:	82	Resp:	1415624
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	54.2	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

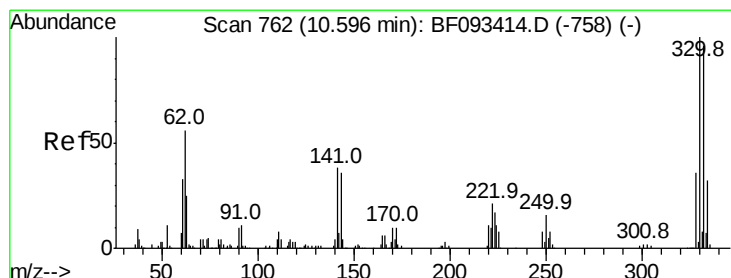
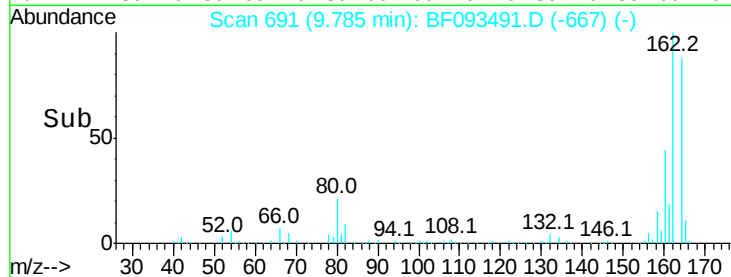
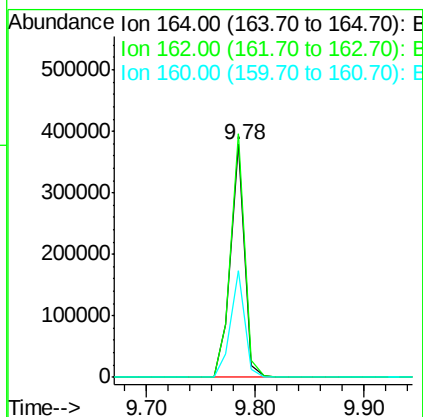
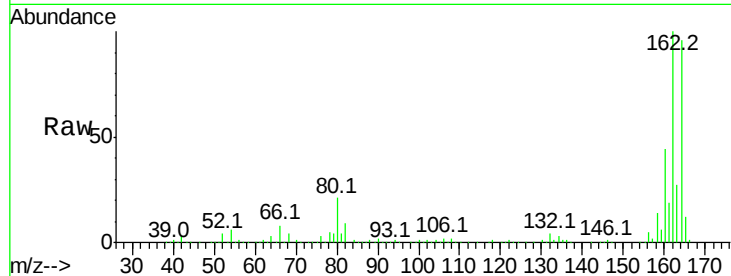




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

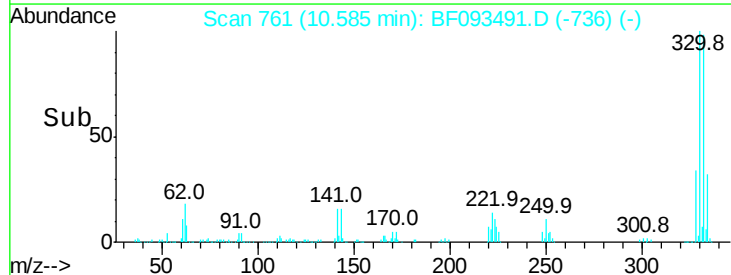
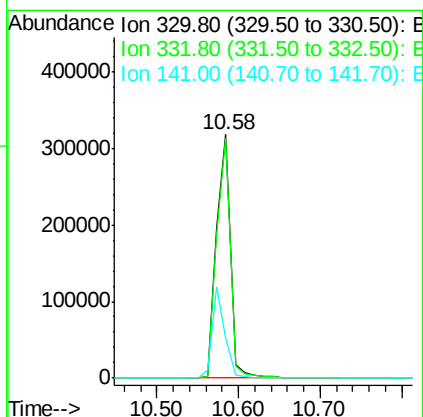
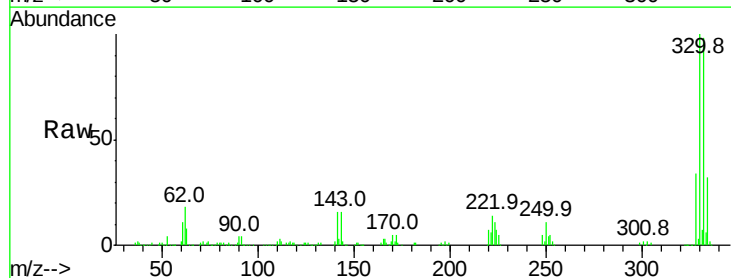
Instrument :
BNA_F
ClientSampleId :
TP-7-TP-6-COMP-0-12FT

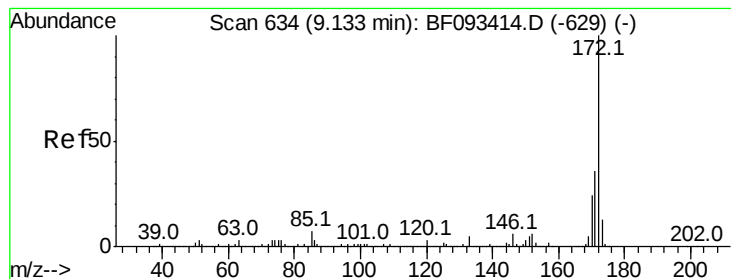
Tot Ion:164 Resp: 337217
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 45.5 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 172.57 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Tgt Ion:330 Resp: 379140
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 34.9 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 98.65 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-6-COMP-0-12FT

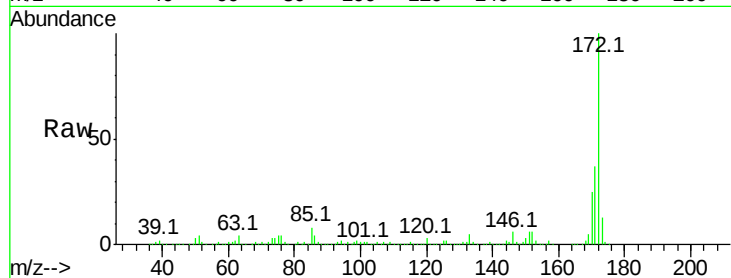
Tot Ion:172 Resp: 1788454

Ion Ratio Lower Upper

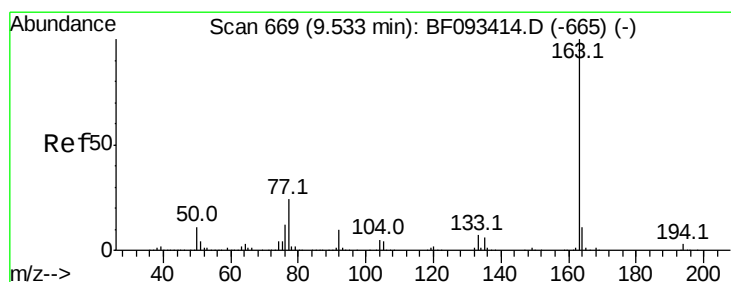
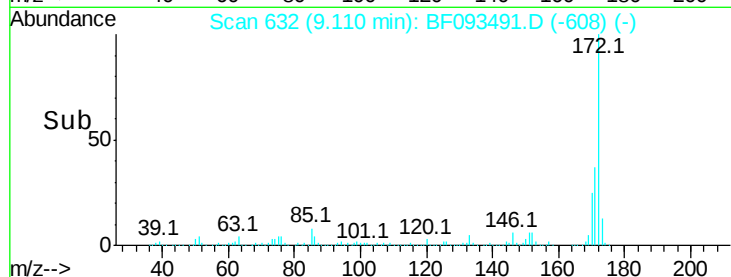
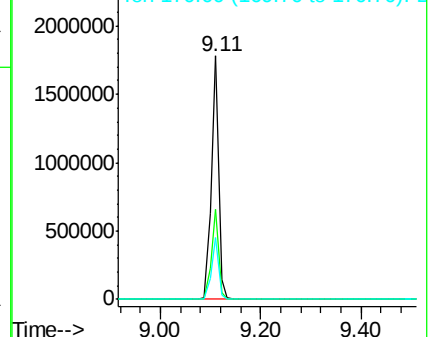
172 100

171 37.2 29.4 44.0

170 25.2 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



#49

Dimethylphthalate

Concen: 12.87 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

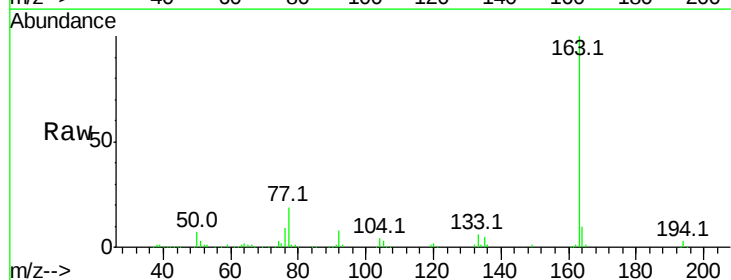
Tgt Ion:163 Resp: 287771

Ion Ratio Lower Upper

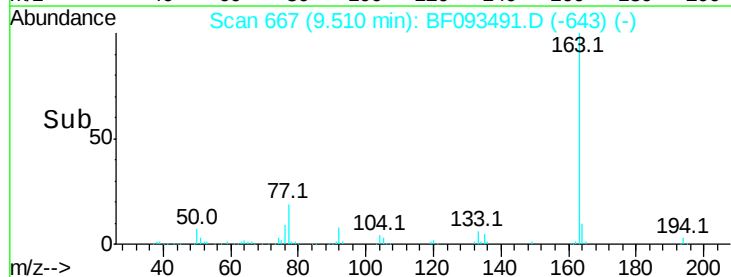
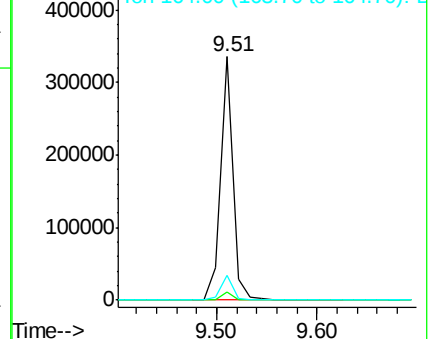
163 100

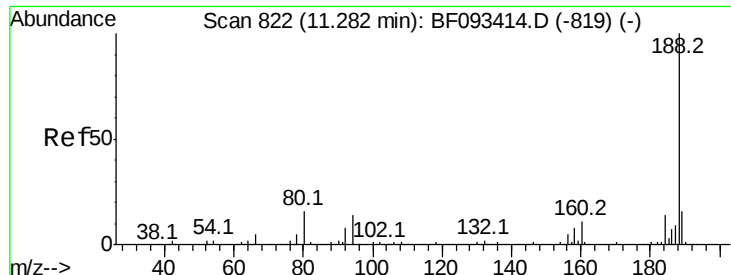
194 3.5 3.0 4.4

164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

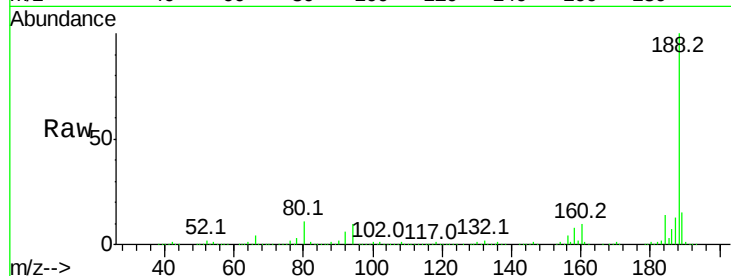




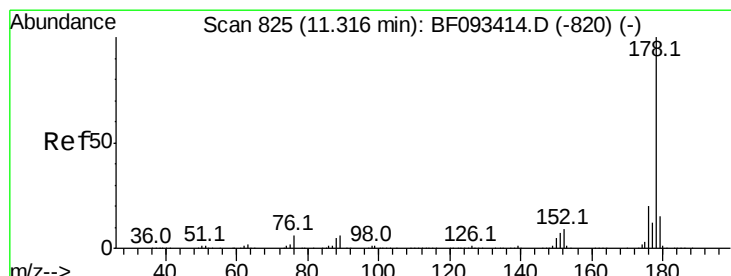
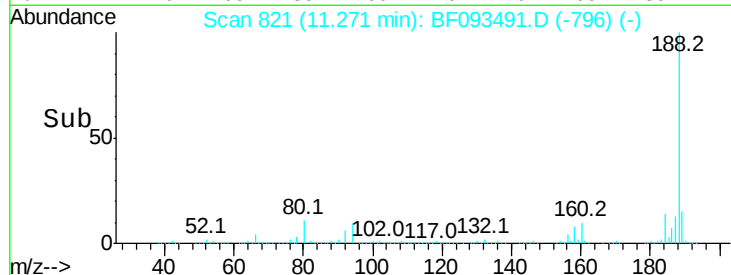
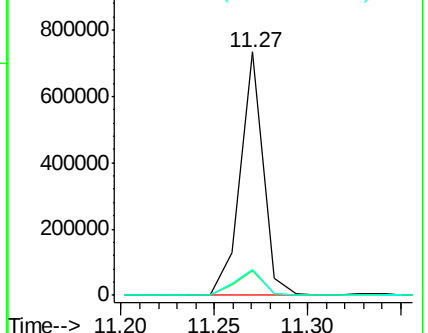
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Instrument :
BNA_F
ClientSampleId :
TP-7-TP-6-COMP-0-12FT

Tot Ion:188 Resp: 634967
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 10.6 11.2 16.8#

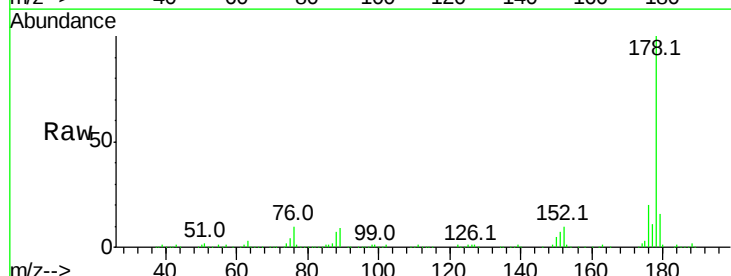


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

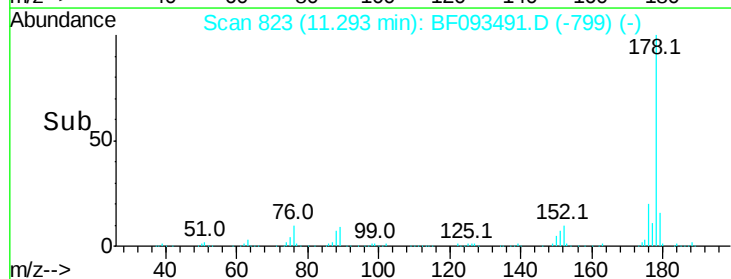
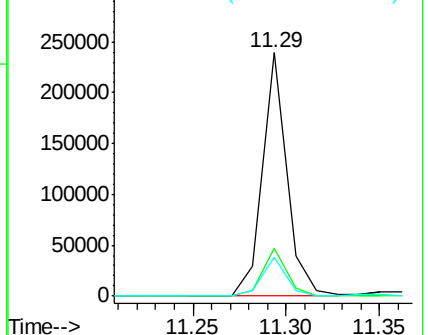


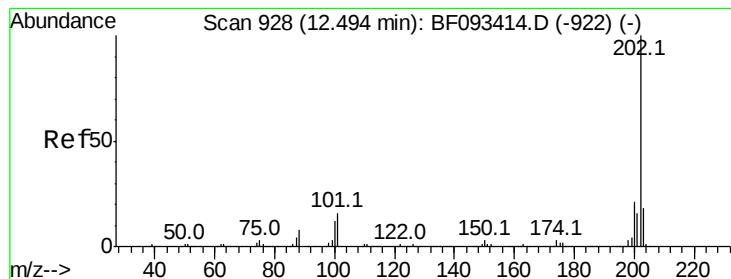
#70
Phenanthrene
Concen: 5.96 ng
RT: 11.29 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Tgt Ion:178 Resp: 215882
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 7.61 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-6-COMP-0-12FT

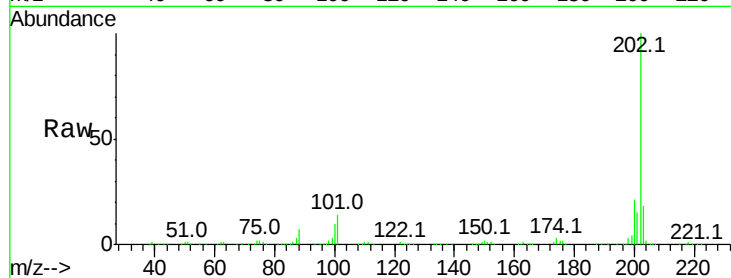
Tot Ion:202 Resp: 266339

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

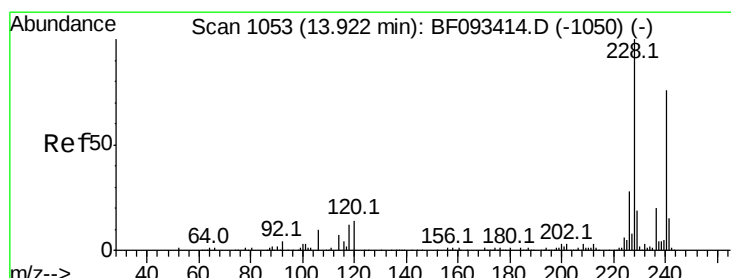
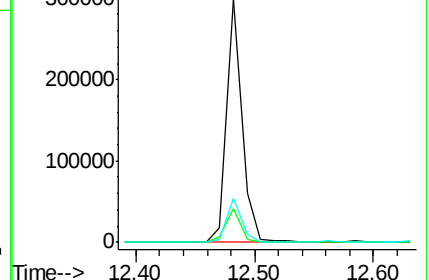
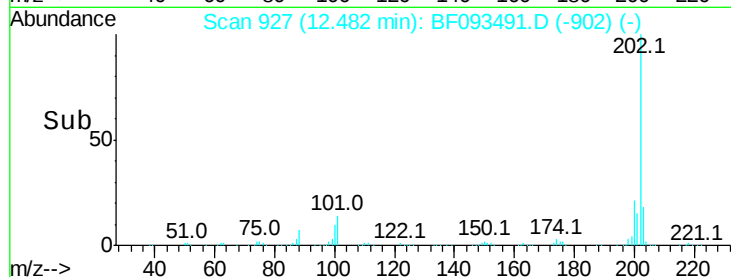
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

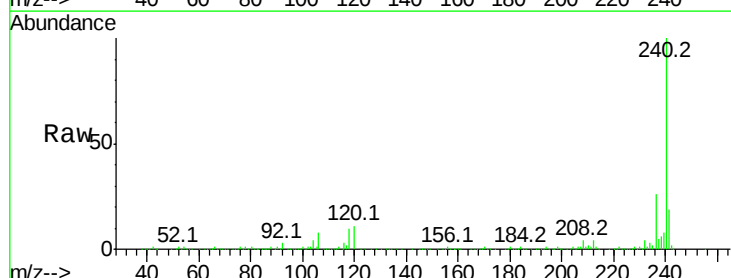
Tgt Ion:240 Resp: 561677

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

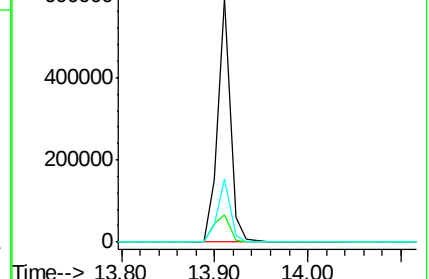
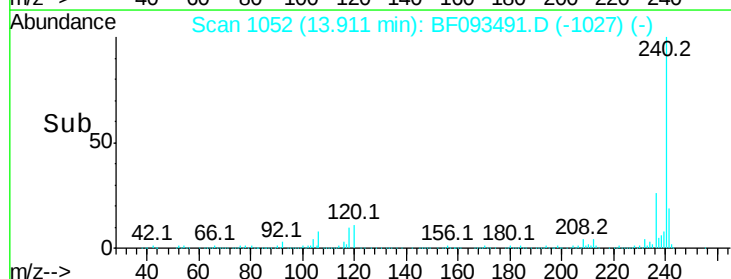
236 26.1 20.9 31.3

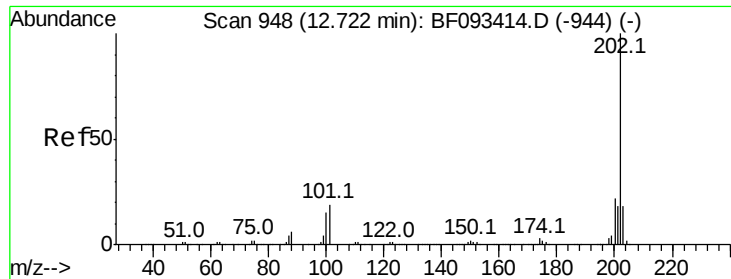


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.18 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

Instrument :

BNA_F

ClientSampleId :

TP-7-TP-6-COMP-0-12FT

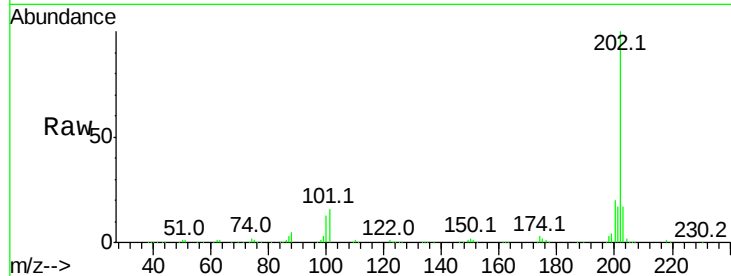
Tot Ion:202 Resp: 170631

Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

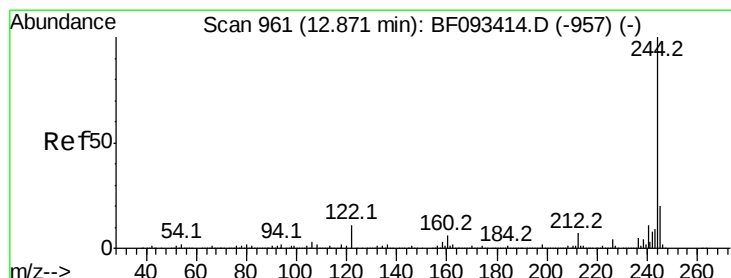
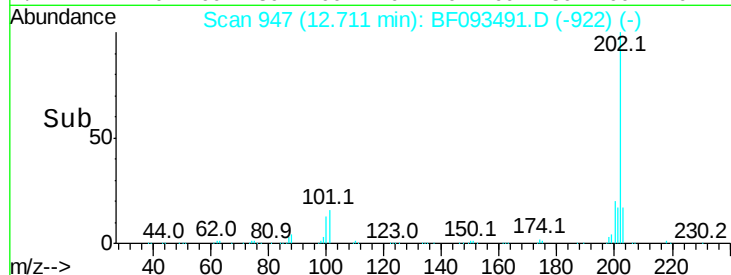
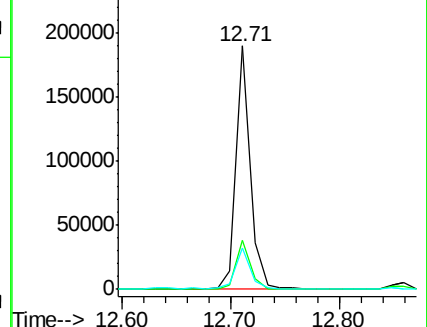
203 17.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.60 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093491.D

Acq: 9 Mar 2017 22:34

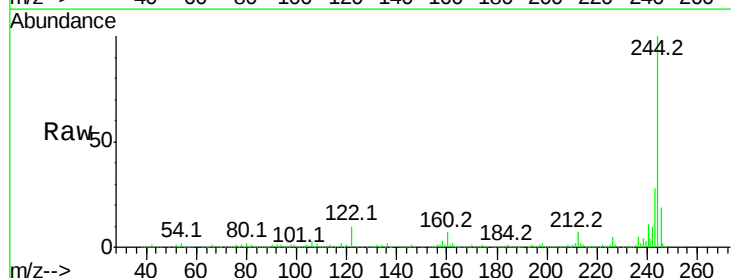
Tgt Ion:244 Resp: 1741167

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

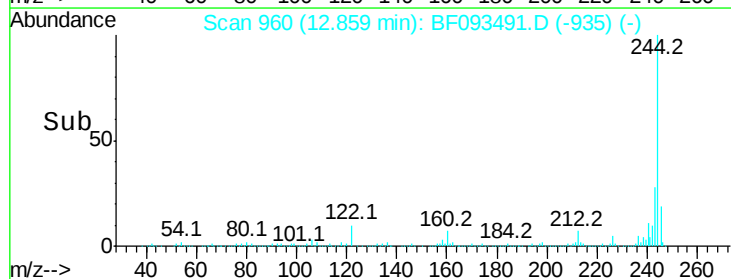
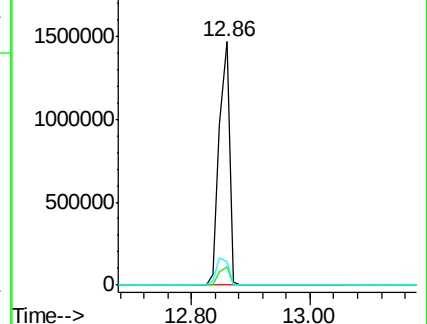
122 9.6 11.4 17.2#

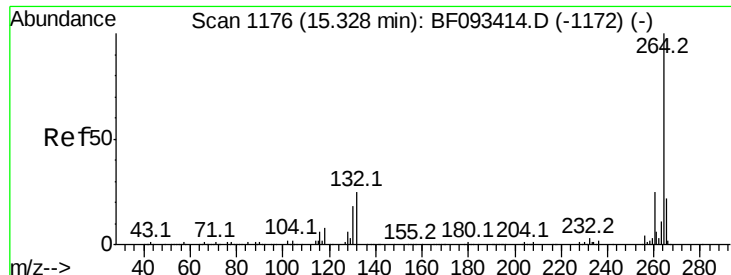


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

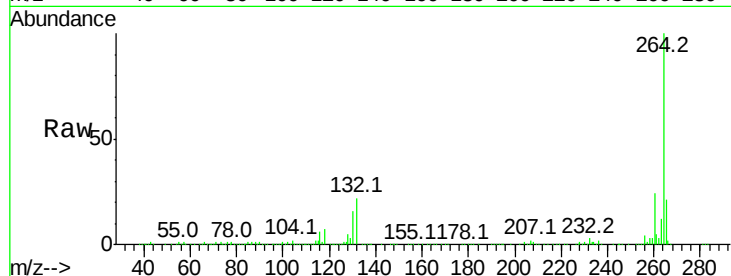




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093491.D
Acq: 9 Mar 2017 22:34

Instrument :
BNA_F
ClientSampleId :
TP-7-TP-6-COMP-0-12FT

Tot Ion: 264 Resp: 417001
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.4 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

