

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093049.D
 Acq On : 21 Feb 2017 00:50
 Operator : SJ/MA
 Sample : I1913-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

Quant Time: Feb 21 03:05:00 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

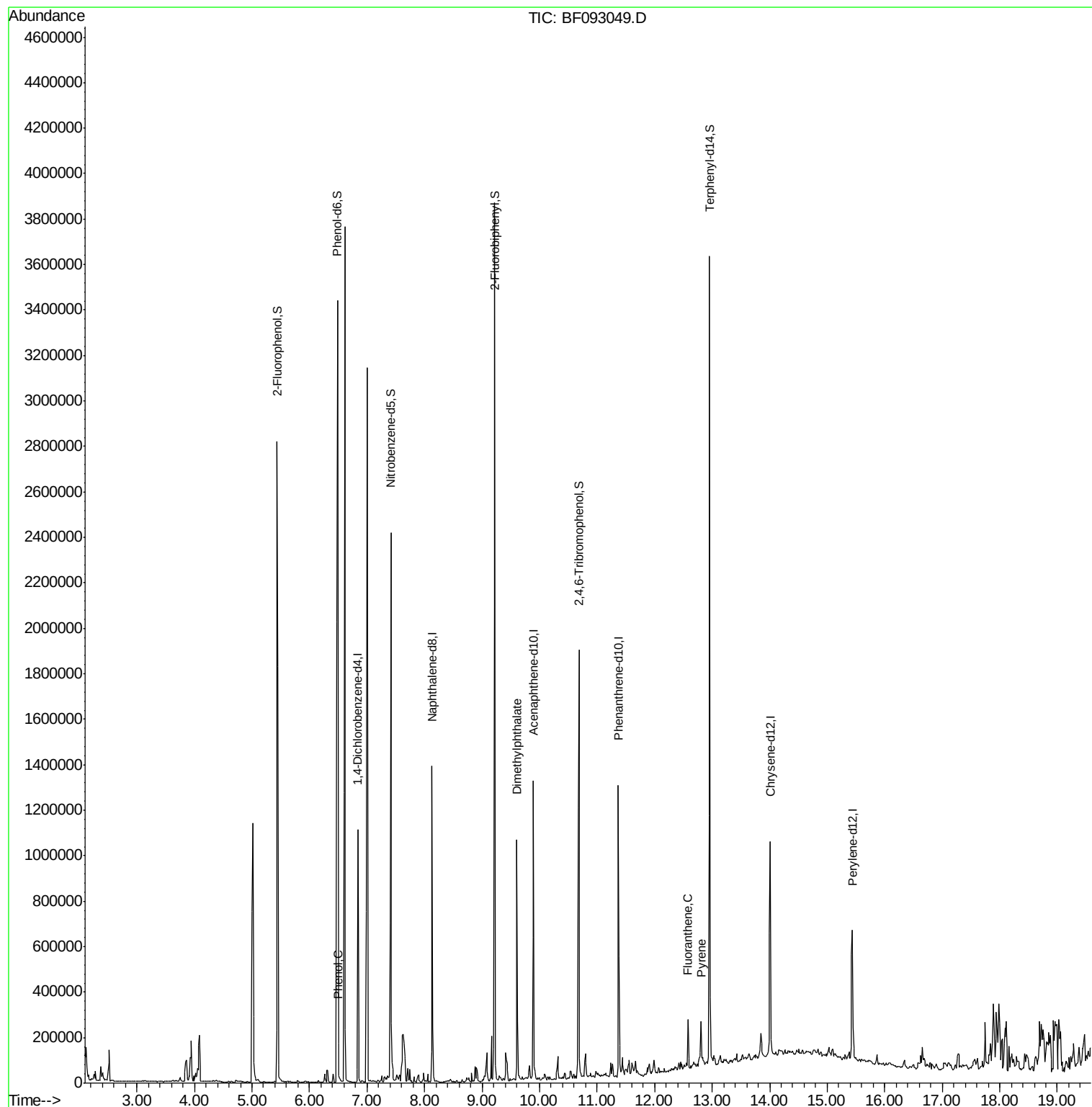
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158391	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	600700	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	291287	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	502663	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	368258	20.00	ng	-0.01
86) Perylene-d12	15.44	264	282507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	998377	108.14	ng	-0.01
7) Phenol-d6	6.49	99	1386189	116.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	768420	71.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	268431	127.41	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1434623	89.23	ng	0.00
78) Terphenyl-d14	12.96	244	1097215	70.01	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	33430	2.41	ng	Qvalue # 66
49) Dimethylphthalate	9.61	163	429386	21.89	ng	98
74) Fluoranthene	12.58	202	82343	2.77	ng	98
77) Pyrene	12.81	202	76145	2.76	ng	99

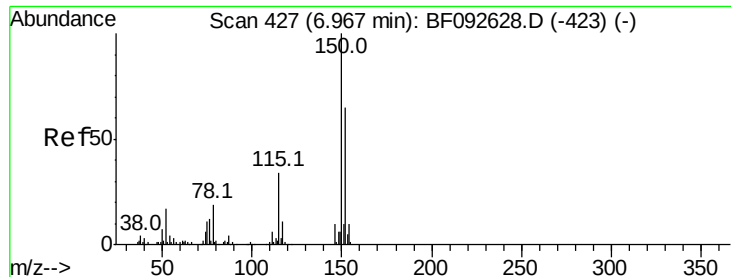
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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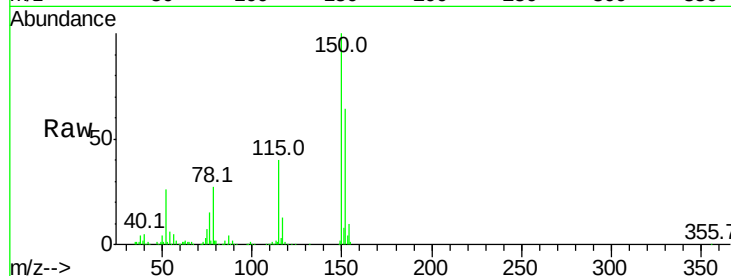


#1

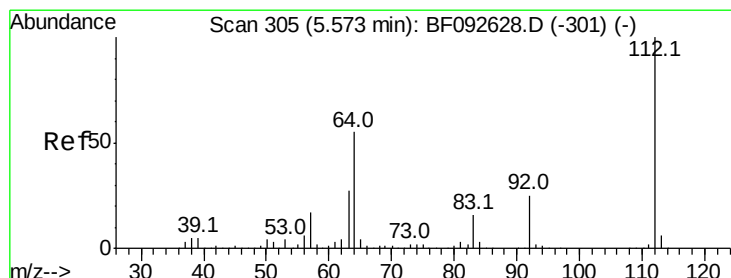
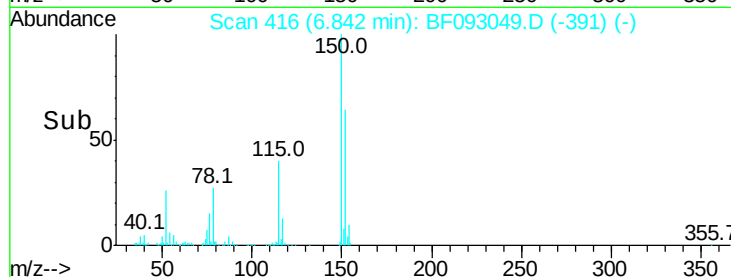
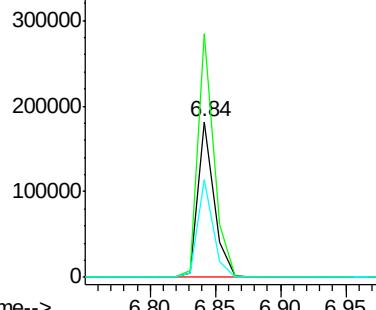
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	63.2	46.0	69.0



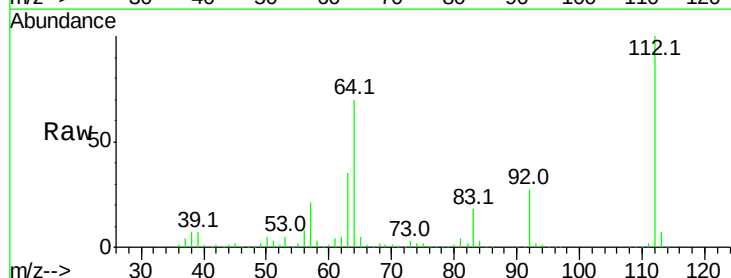
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



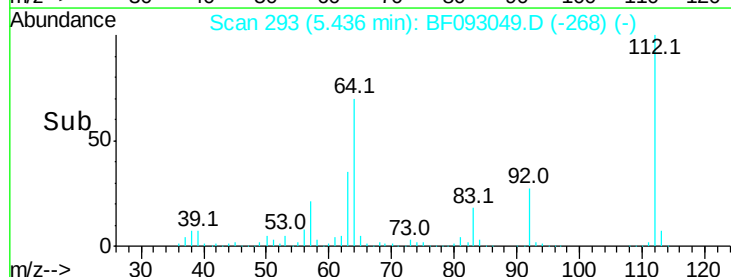
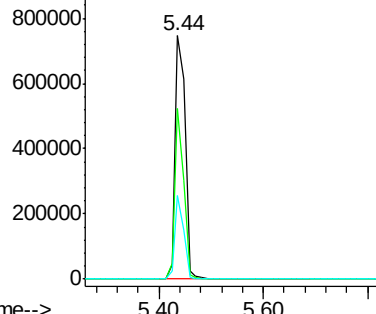
#5

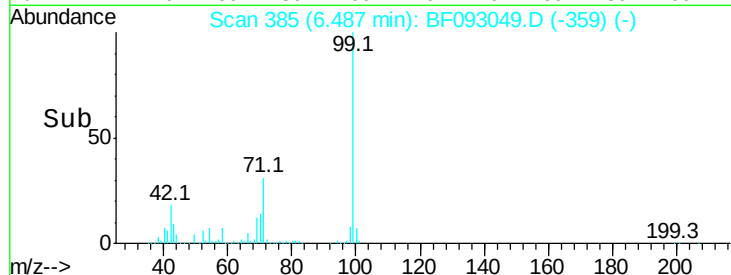
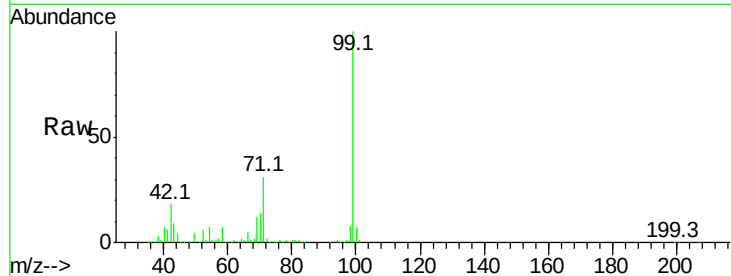
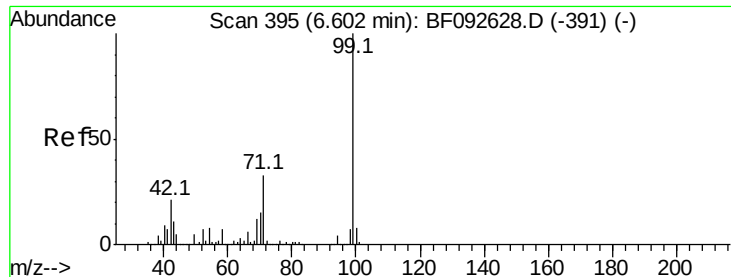
2-Fluorophenol
Concen: 108.14 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	46.1	69.1#
63	34.6	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: 116.69 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

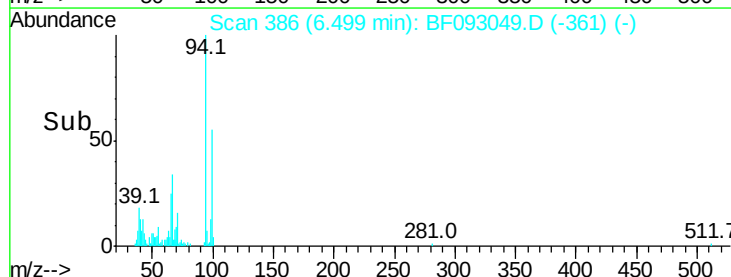
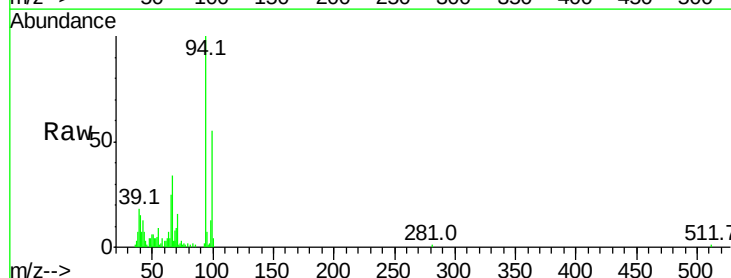
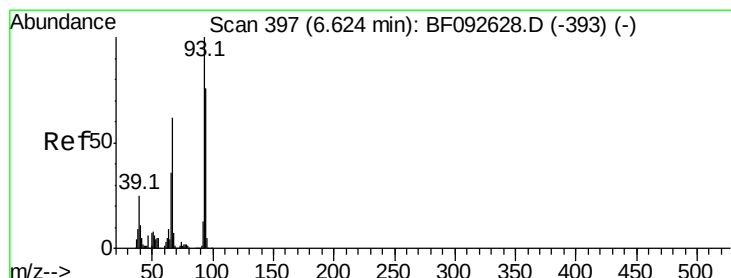
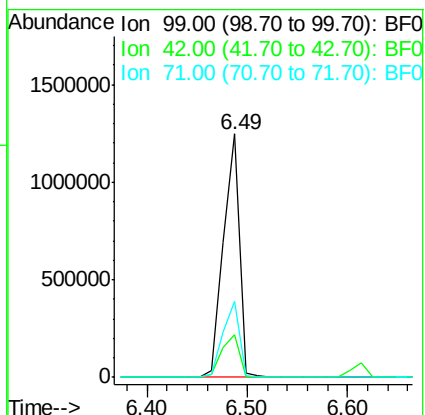
BNA_F

ClientSampleId :

SP-EFGH-COMP

Tot Ion: 99 Resp: 1386189

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.6	23.4
71	31.2	27.5	41.3



#10

Phenol

Concen: 2.41 ng

RT: 6.50 min Scan# 386

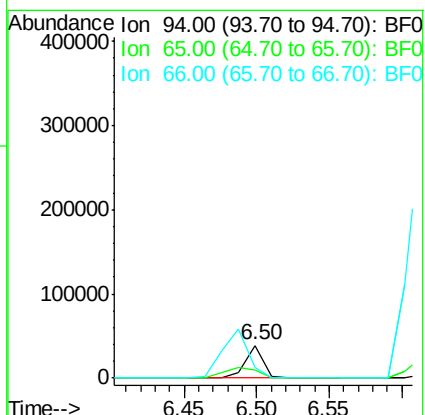
Delta R.T. -0.01 min

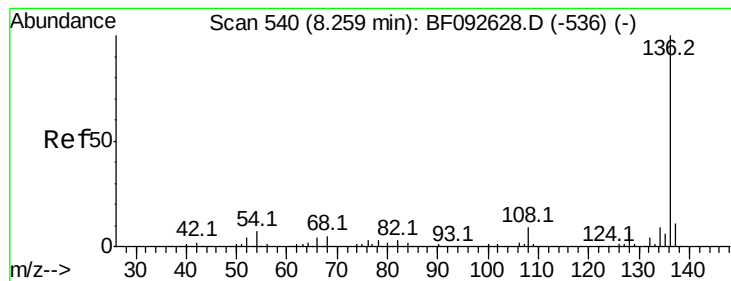
Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Tgt Ion: 94 Resp: 33430

Ion	Ratio	Lower	Upper
94	100		
65	24.8	21.4	61.4
66	33.7	44.0	84.0#

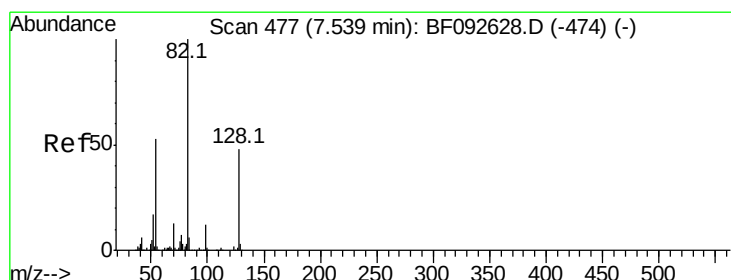
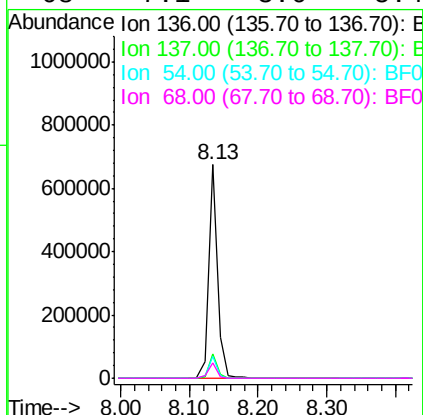
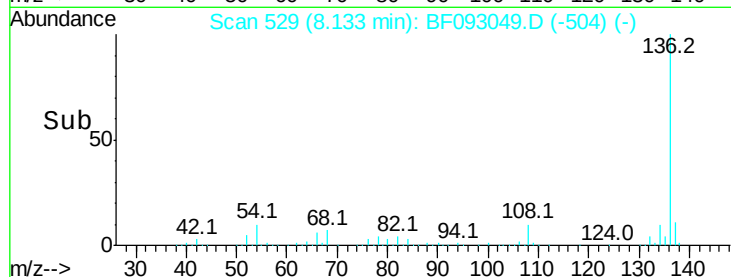
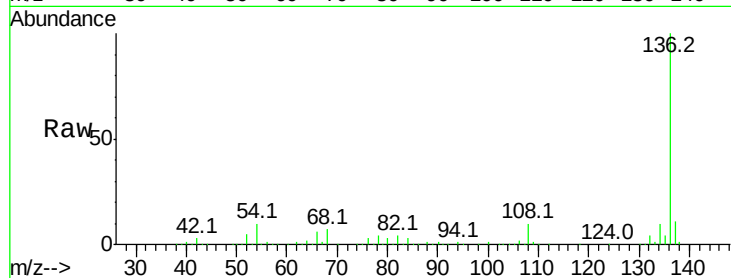




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

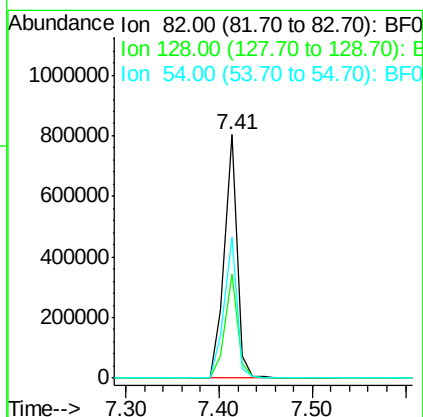
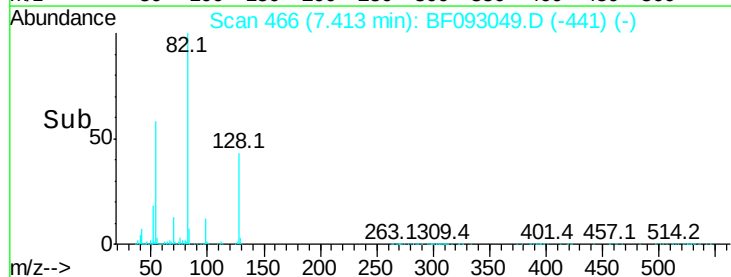
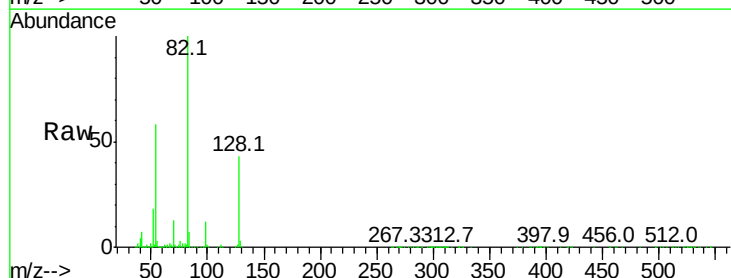
Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

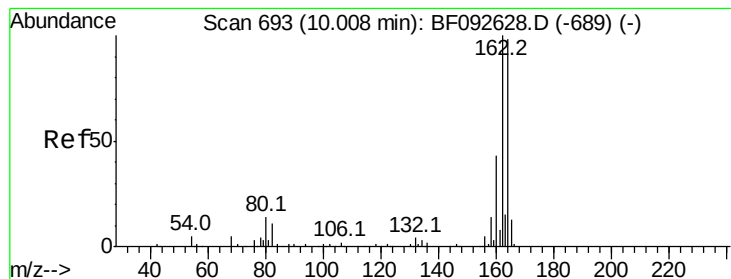
Tot Ion:	136	Resp:	600700
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.5	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 71.24 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

Tgt Ion:	82	Resp:	768420
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	57.9	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

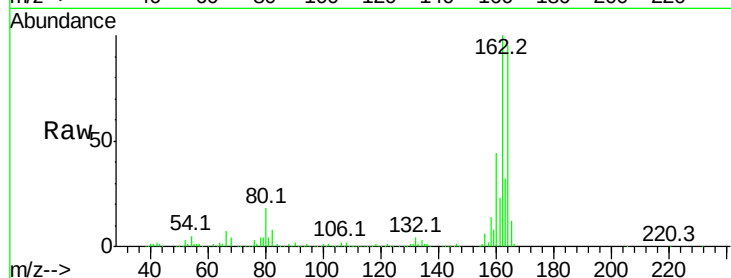
Tot Ion:164 Resp: 291287

Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.2

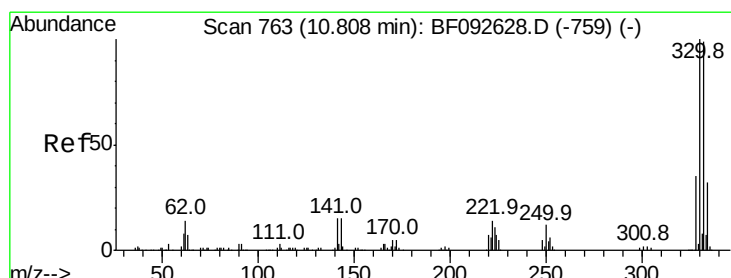
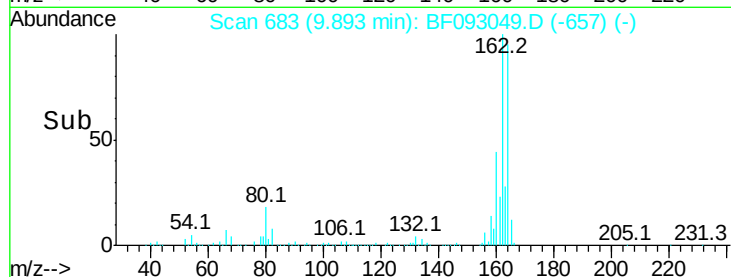
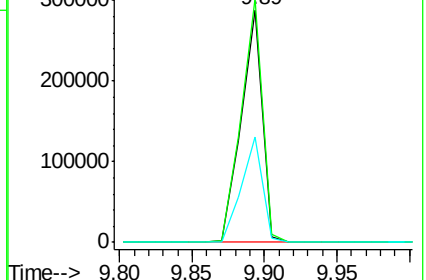
160 45.6 36.9 55.3



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: 127.41 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

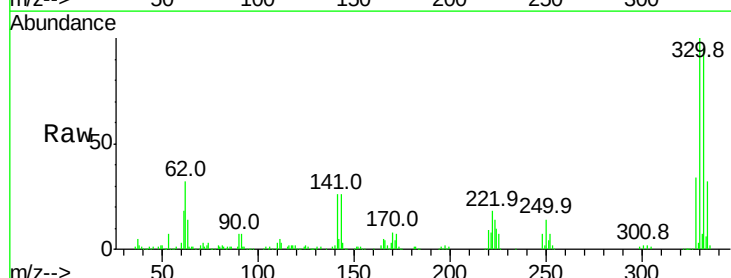
Tgt Ion:330 Resp: 268431

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

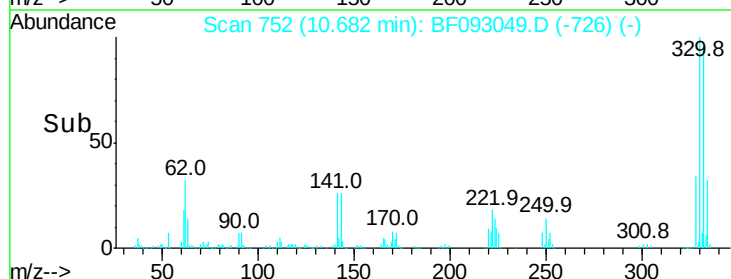
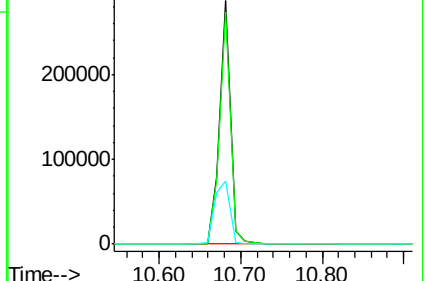
141 36.9 34.1 51.1

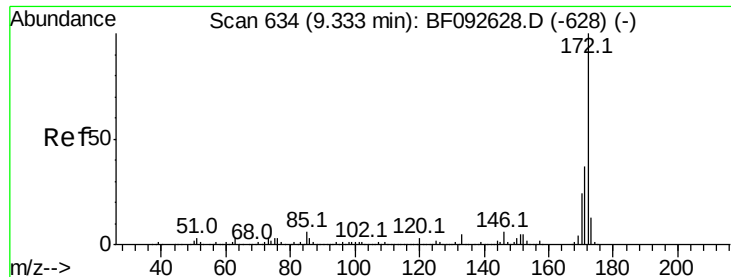


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.23 ng

RT: 9.22 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

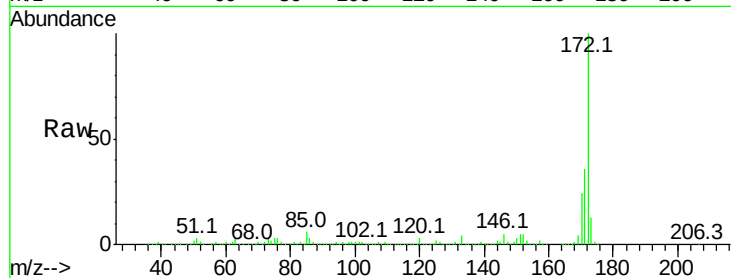
Tot Ion:172 Resp: 1434623

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

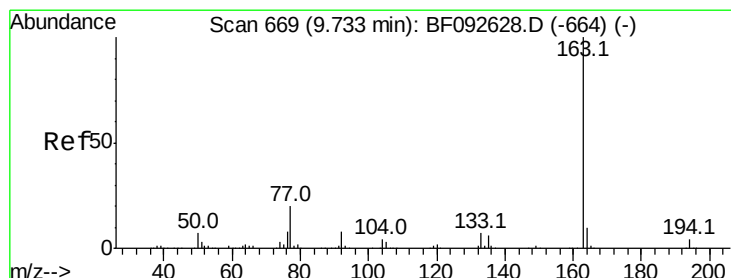
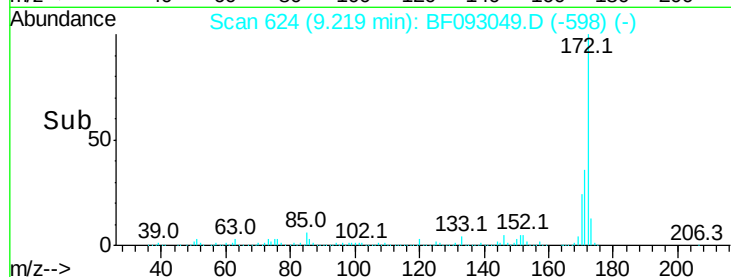
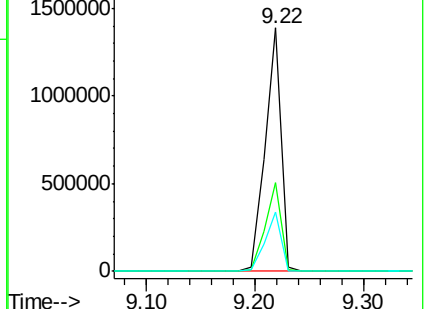
170 24.3 20.2 30.4



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: 21.89 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

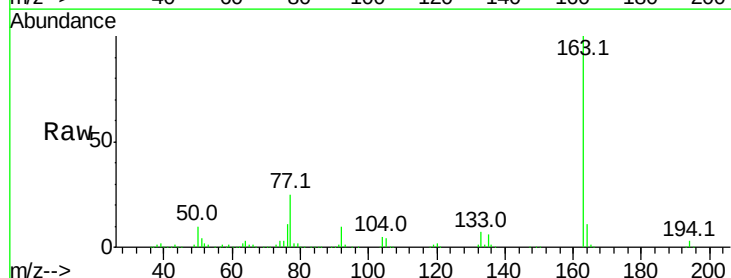
Tgt Ion:163 Resp: 429386

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

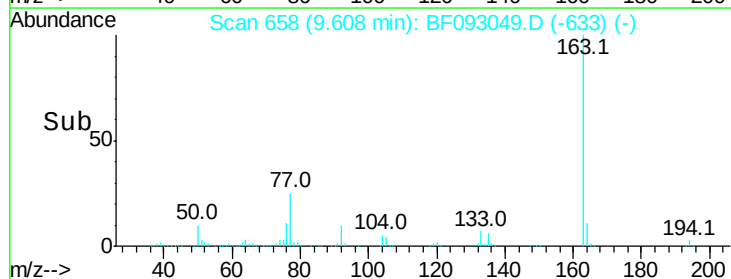
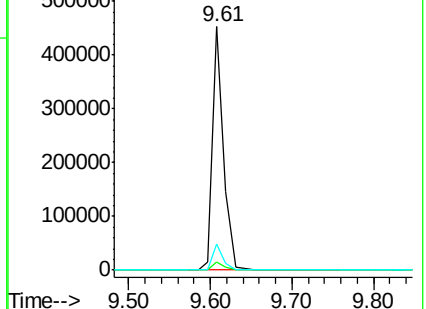
164 10.7 8.0 12.0

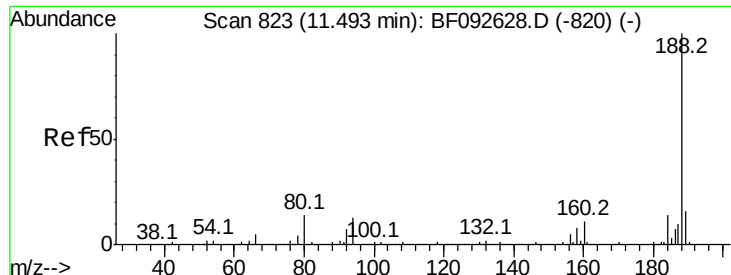


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

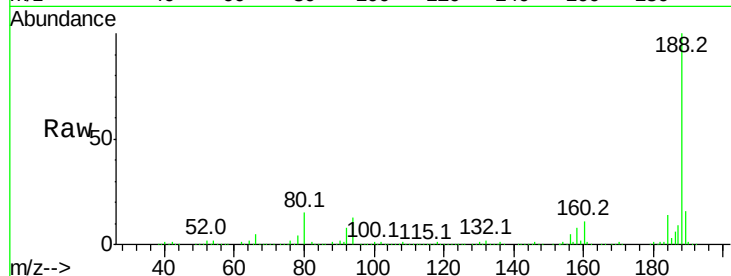




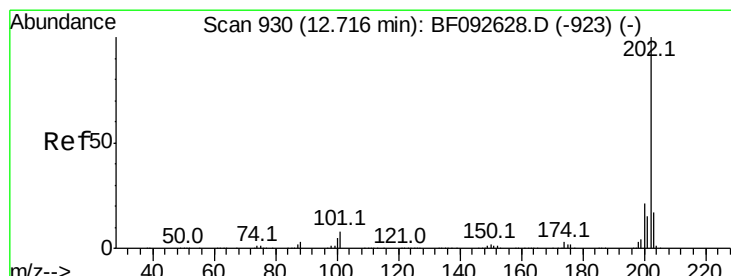
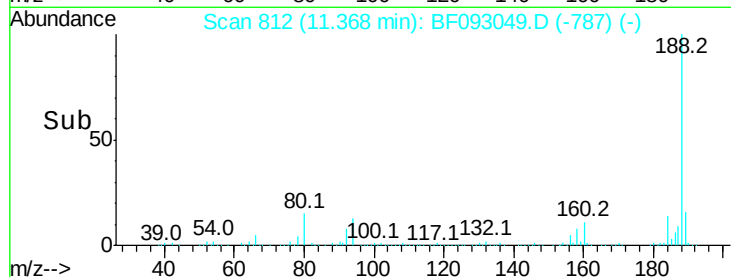
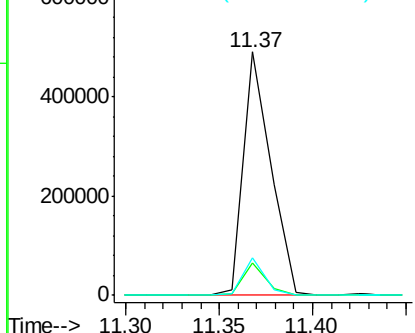
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

Tot Ion:188 Resp: 502663
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 15.3 11.2 16.8

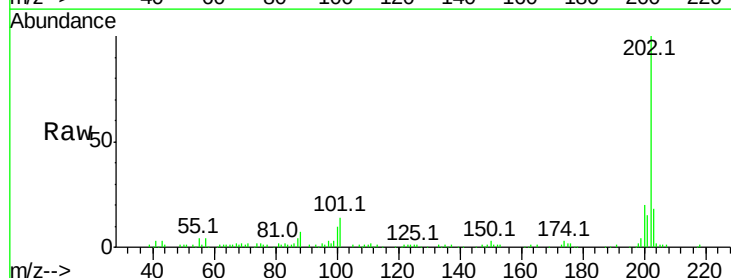


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

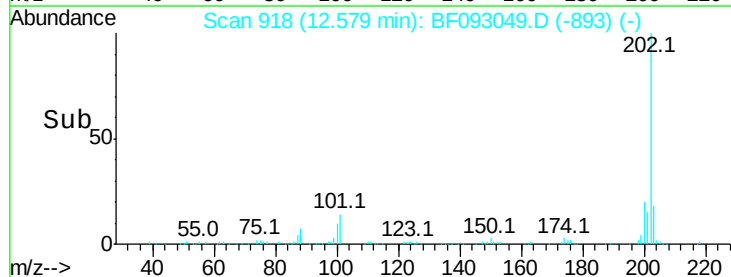
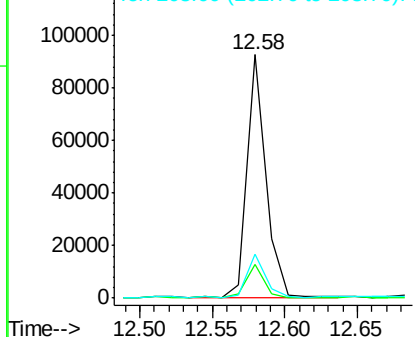


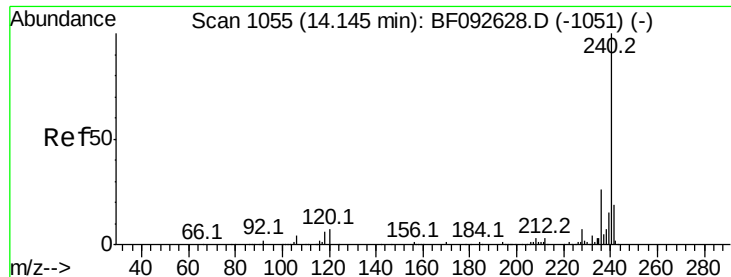
#74
Fluoranthene
Concen: 2.77 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093049.D
Acq: 21 Feb 2017 00:50

Tgt Ion:202 Resp: 82343
Ion Ratio Lower Upper
202 100
101 14.1 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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

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ClientSampleId :

SP-EFGH-COMP

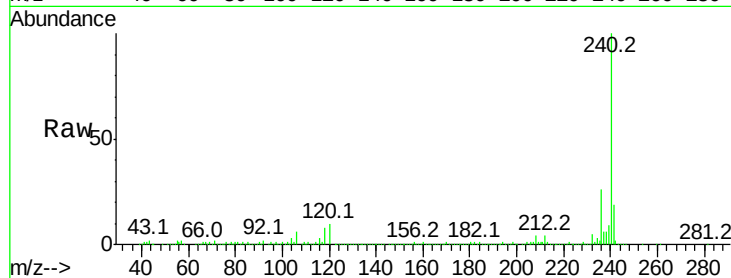
Tot Ion:240 Resp: 368258

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

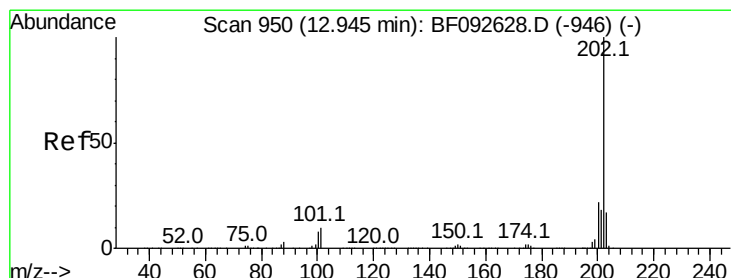
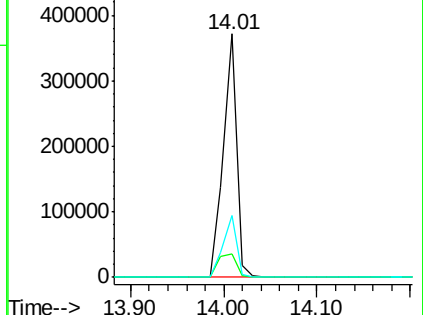
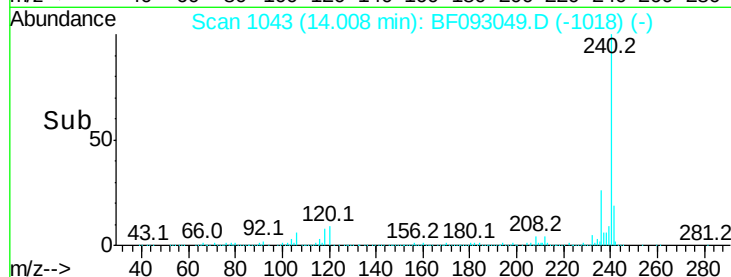
236 25.5 20.9 31.3



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

Pyrene

Concen: 2.76 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

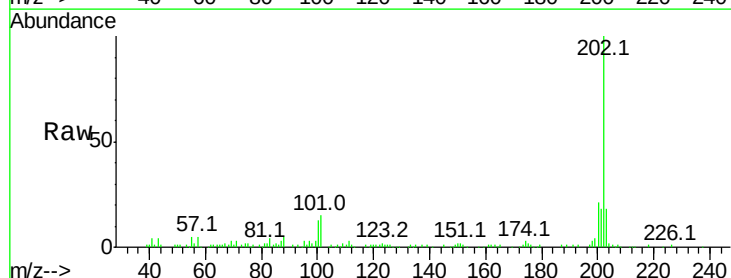
Tgt Ion:202 Resp: 76145

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

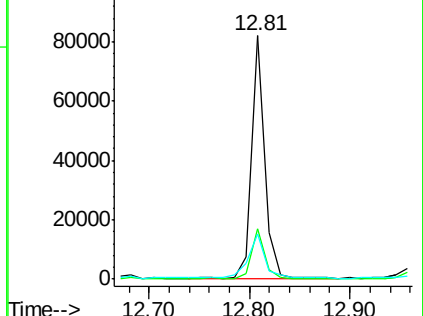
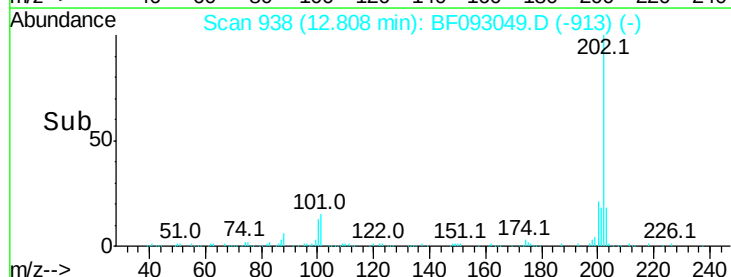
203 18.4 14.7 22.1

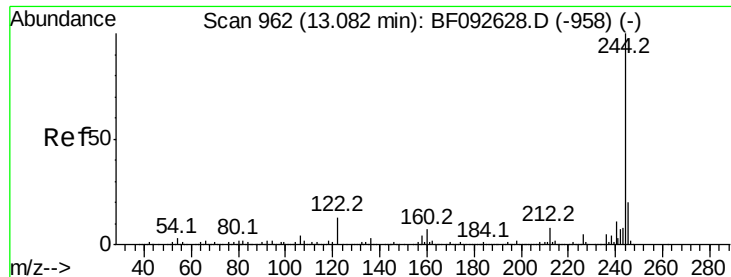


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.01 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

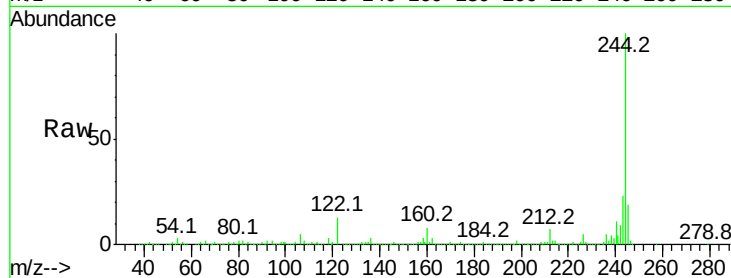
Tot Ion:244 Resp: 1097215

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

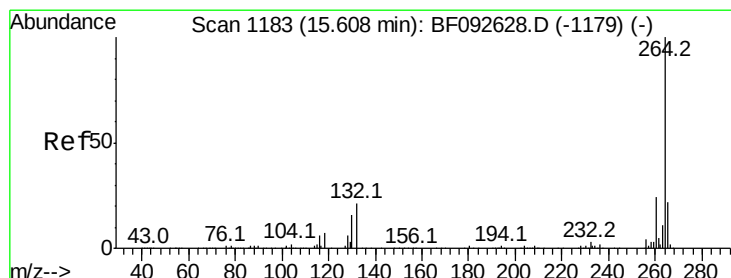
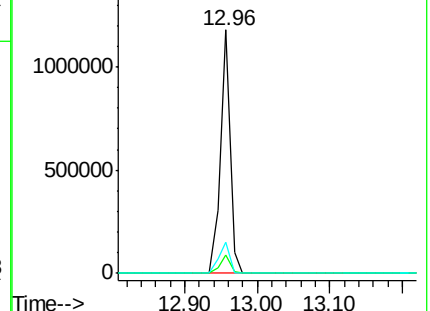
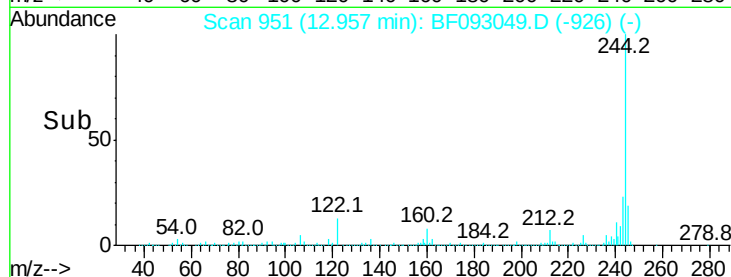
122 12.9 11.4 17.2



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093049.D

Acq: 21 Feb 2017 00:50

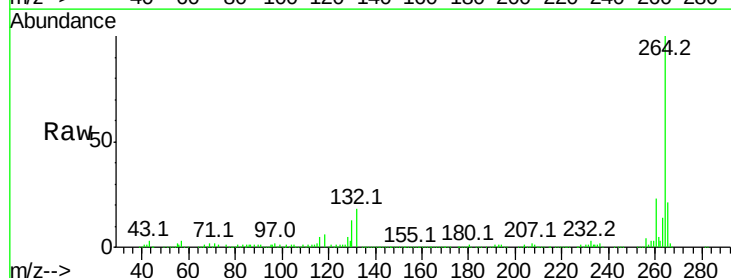
Tgt Ion:264 Resp: 282507

Ion Ratio Lower Upper

264 100

260 23.5 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

