

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092726.D
 Acq On : 2 Feb 2017 2:36
 Operator : SJ/MA
 Sample : I1597-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Quant Time: Feb 02 03:59:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

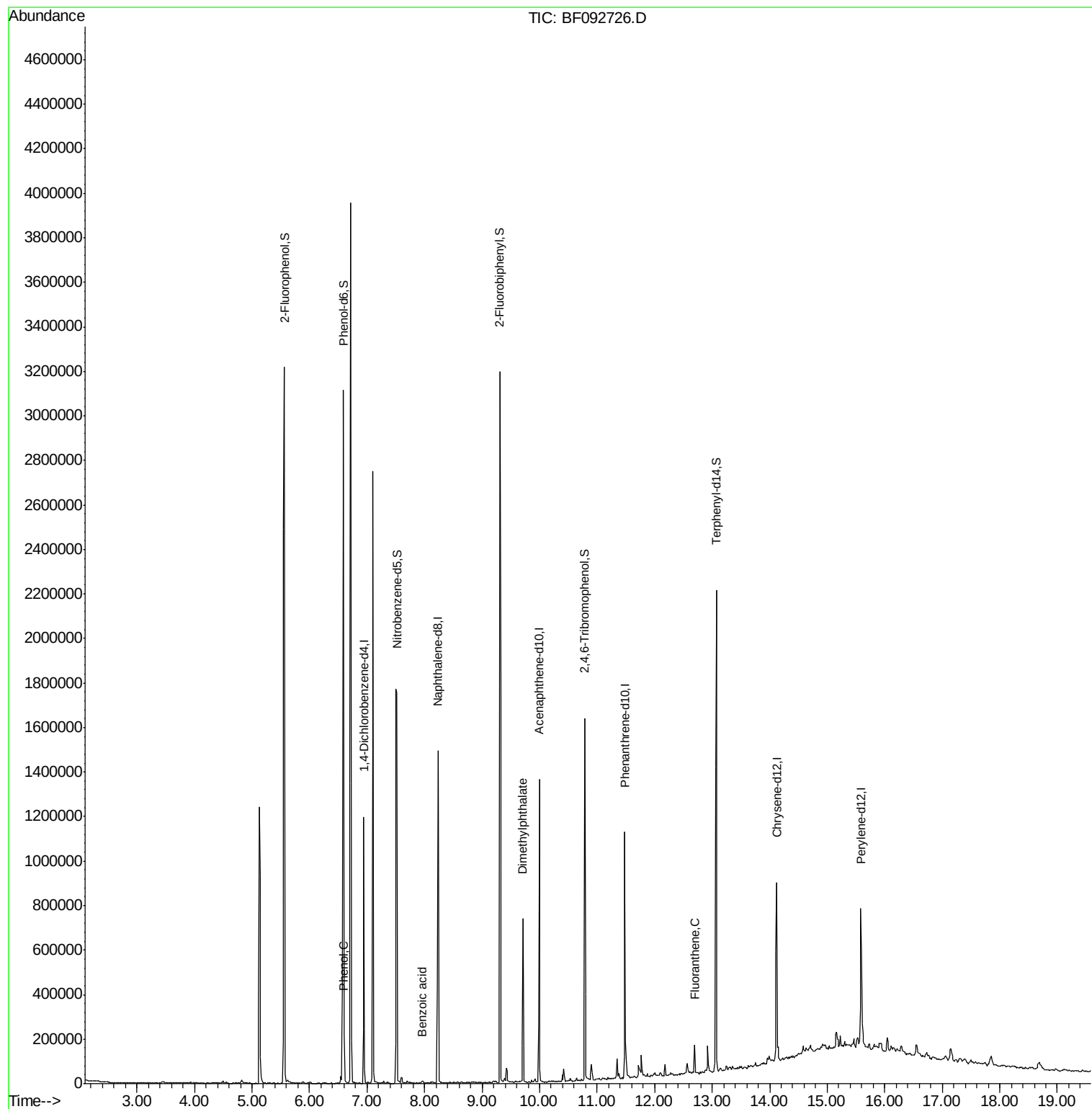
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	164661	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	659837	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	281133	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	376989	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	324391	20.00	ng	-0.02
86) Perylene-d12	15.59	264	306235	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1141860	118.97	ng	-0.01
7) Phenol-d6	6.59	99	1463590	118.52	ng	-0.01
23) Nitrobenzene-d5	7.52	82	871218	73.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	182532	89.77	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1267688	81.69	ng	-0.02
78) Terphenyl-d14	13.07	244	825128	59.77	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	76210	5.27	ng	Qvalue # 62
32) Benzoic acid	7.95	122	1485	7.39	ng	95
49) Dimethylphthalate	9.71	163	293008	15.47	ng	100
74) Fluoranthene	12.69	202	48825	2.19	ng	96

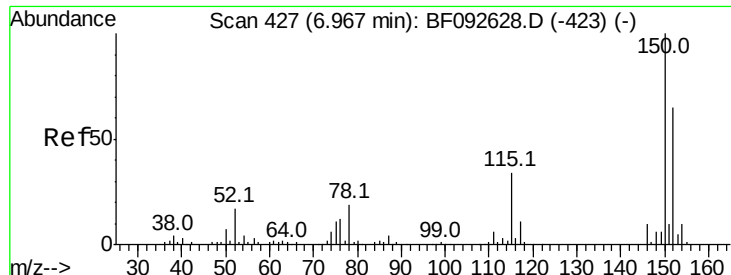
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

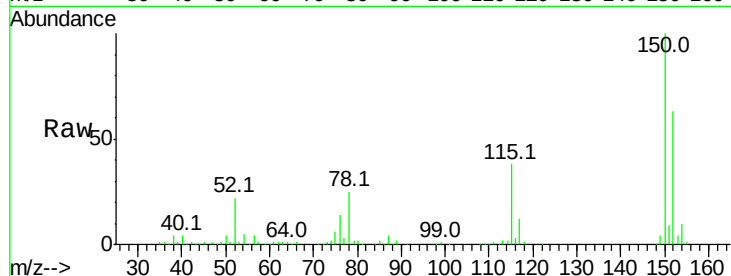
Tot Ion:152 Resp: 164661

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

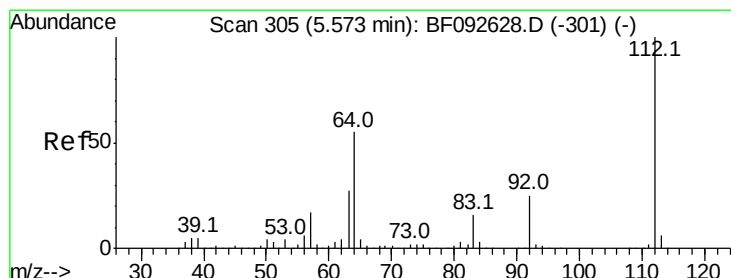
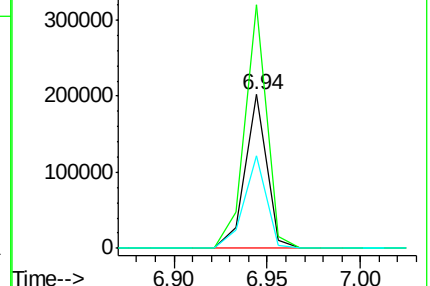
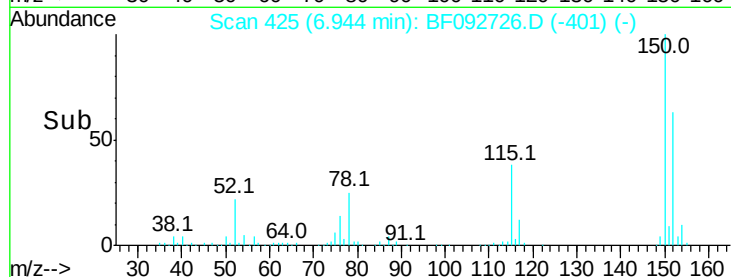
115 59.9 46.0 69.0



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: 118.97 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

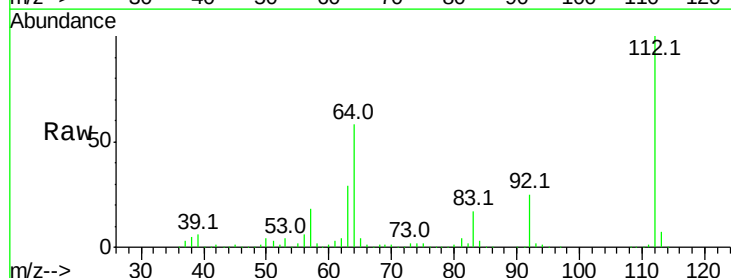
Tgt Ion:112 Resp: 1141860

Ion Ratio Lower Upper

112 100

64 57.6 46.1 69.1

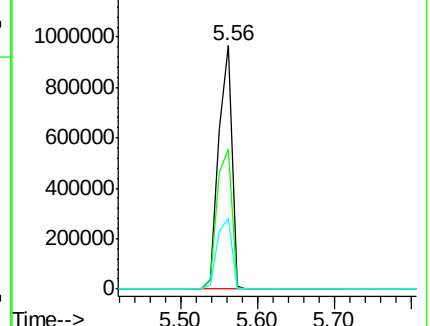
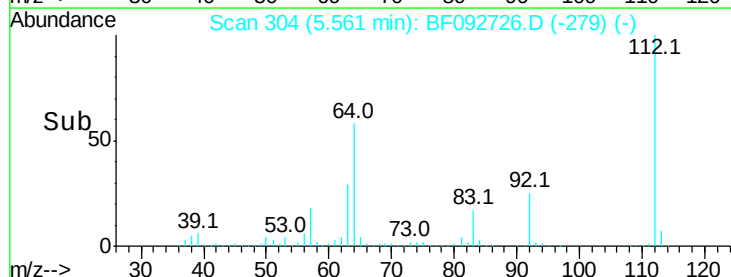
63 28.9 23.8 35.6

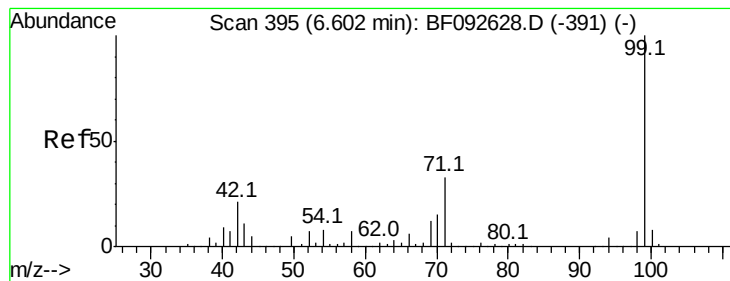


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.52 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

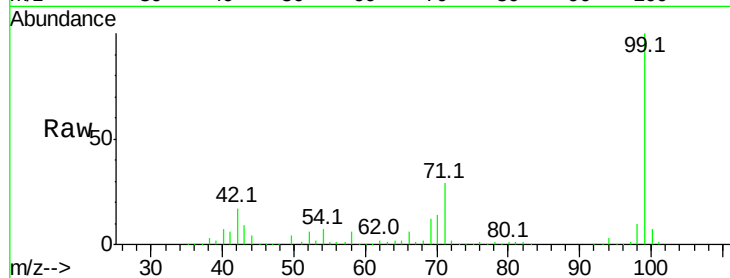
Tot Ion: 99 Resp: 1463590

Ion Ratio Lower Upper

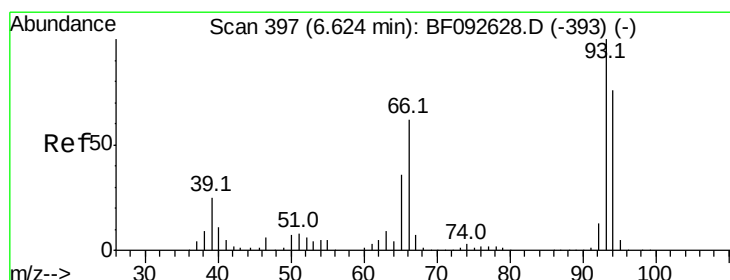
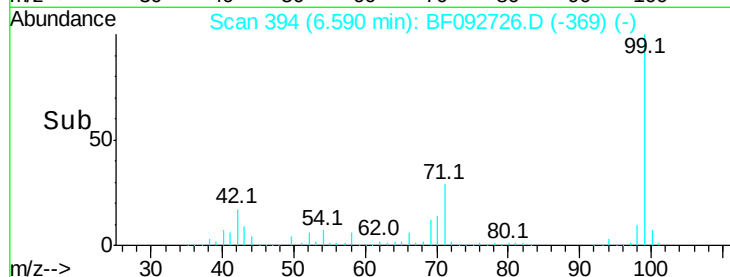
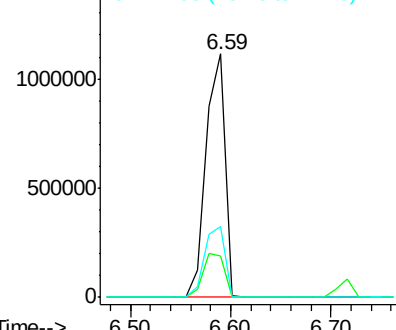
99 100

42 17.1 15.6 23.4

71 29.0 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: 5.27 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

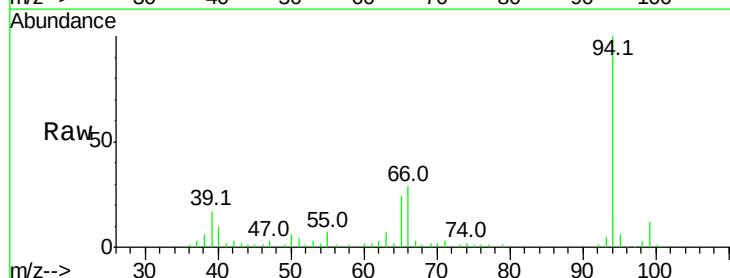
Tgt Ion: 94 Resp: 76210

Ion Ratio Lower Upper

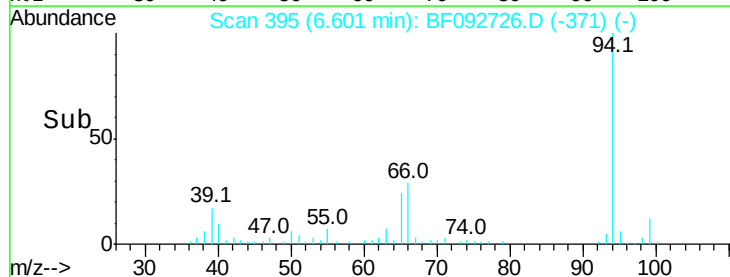
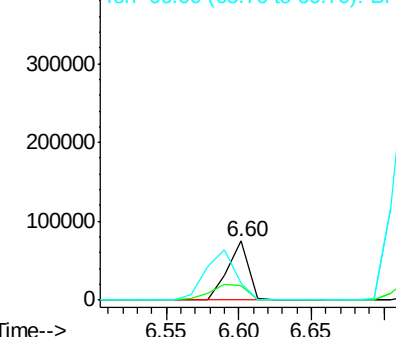
94 100

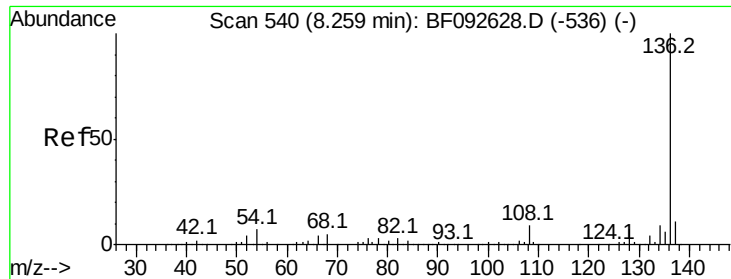
65 23.8 21.4 61.4

66 29.5 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

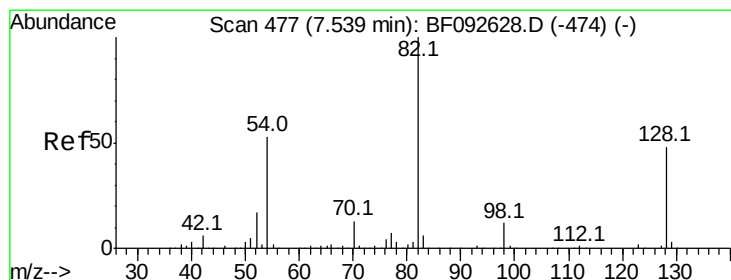
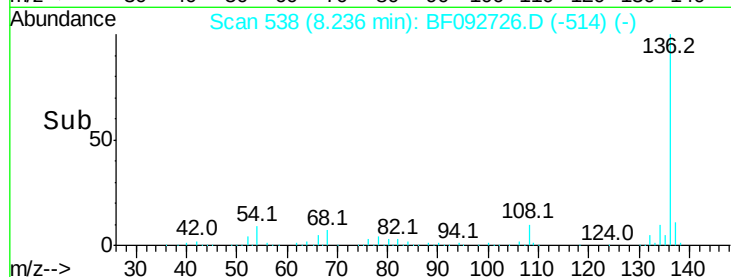
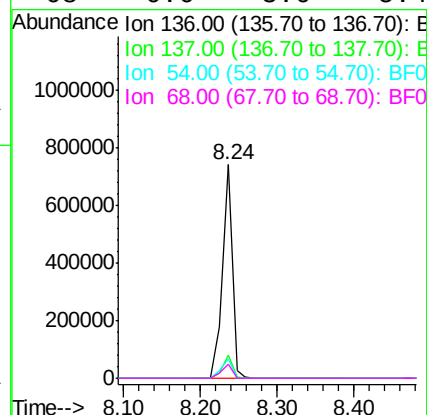
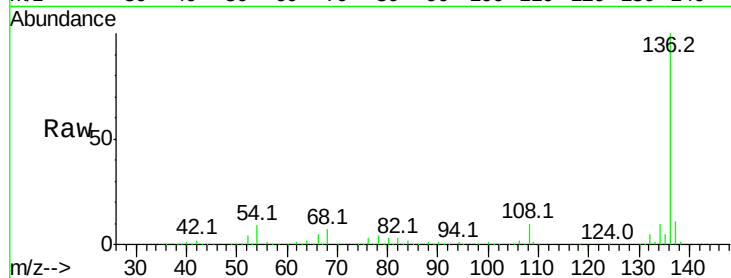




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

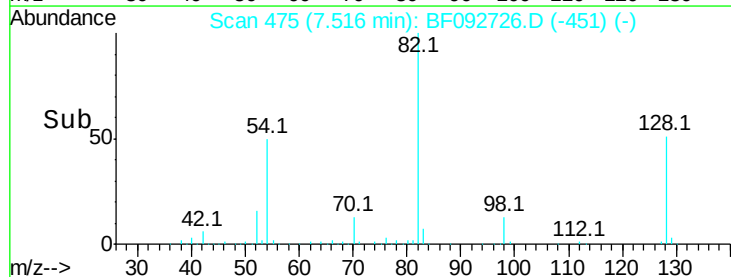
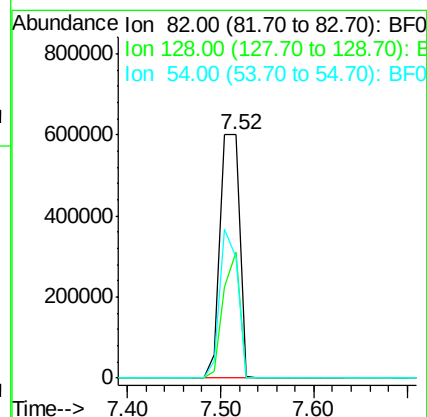
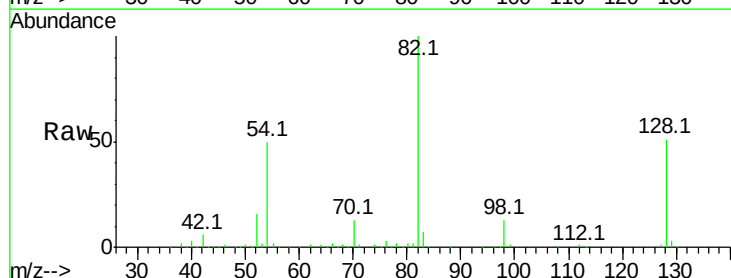
Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

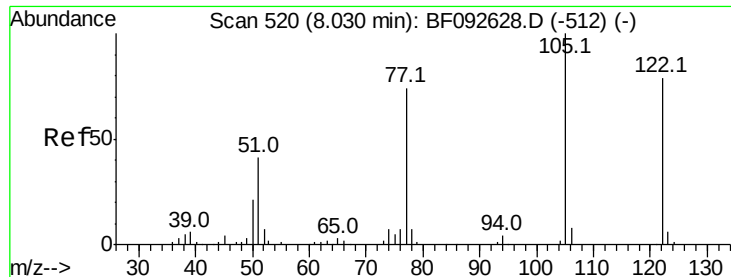
Tot Ion:	136	Resp:	659837
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.0	4.5	6.7#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 73.53 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

Tgt Ion:	82	Resp:	871218
Ion	Ratio	Lower	Upper
82	100		
128	51.5	34.6	52.0
54	49.8	39.5	59.3





#32

Benzoic acid

Concen: 7.39 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

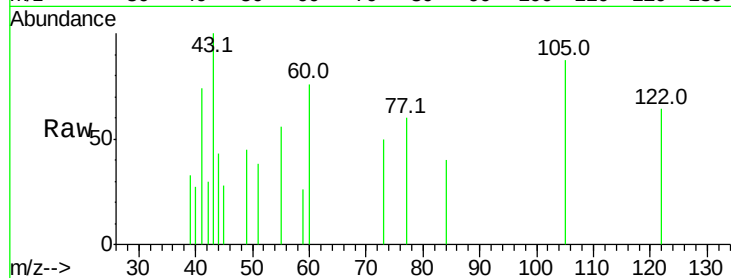
Tot Ion:122 Resp: 1485

Ion Ratio Lower Upper

122 100

105 135.4 107.2 147.2

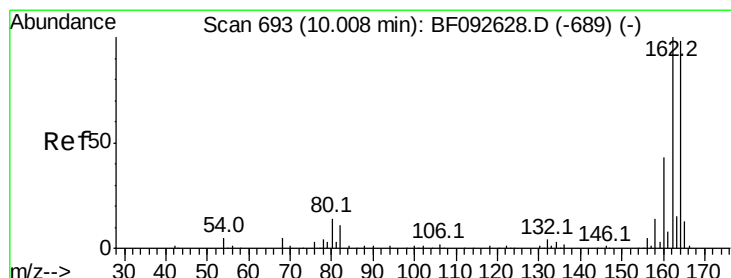
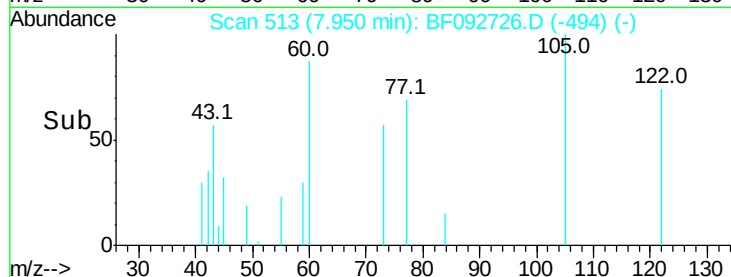
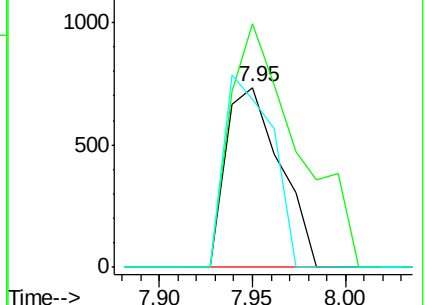
77 93.5 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

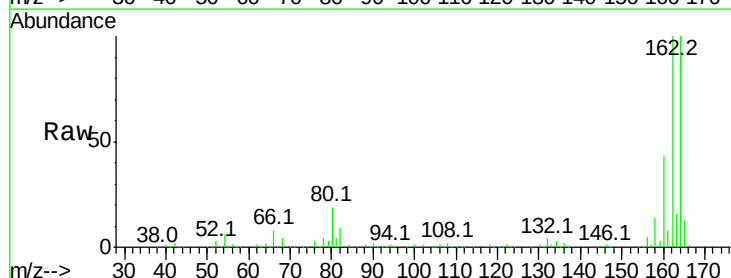
Tgt Ion:164 Resp: 281133

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

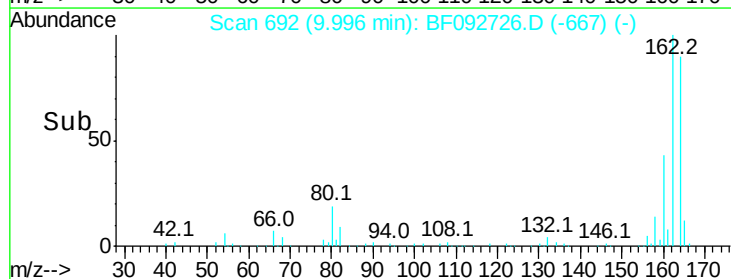
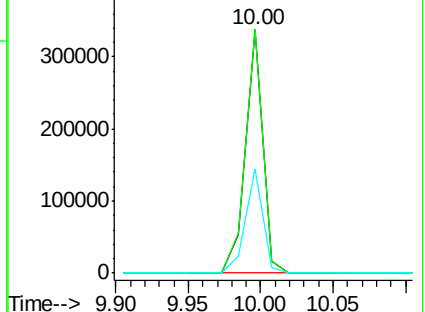
160 42.6 36.9 55.3

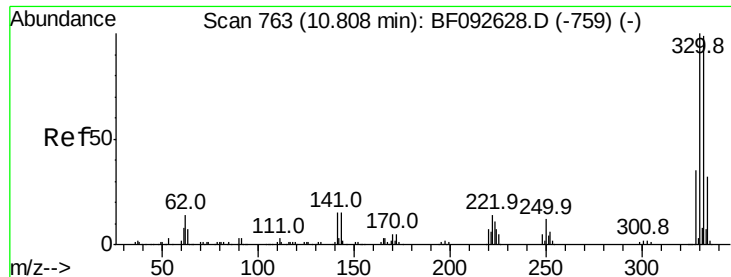


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

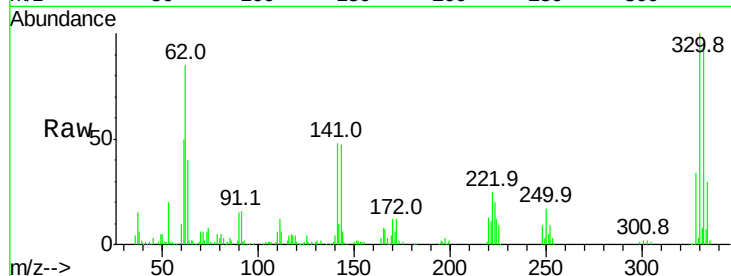




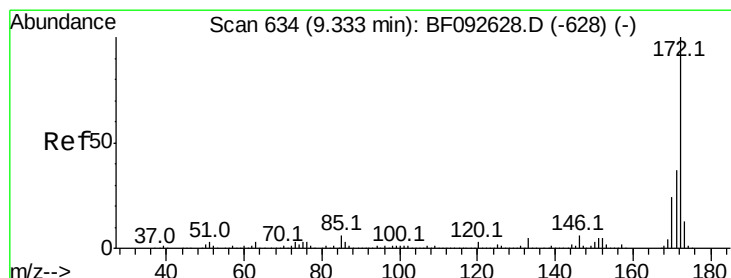
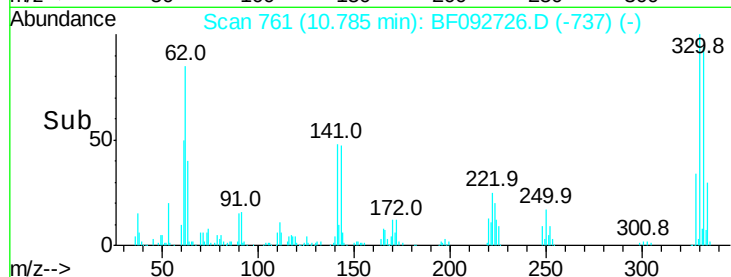
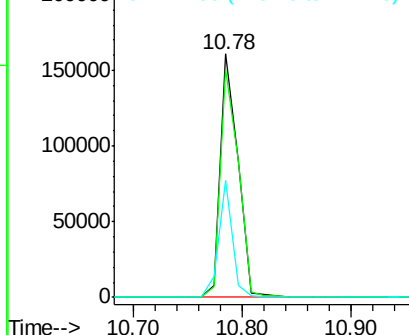
#41
 2,4,6-Tribromophenol
 Concen: 89.77 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	37.9	34.1	51.1

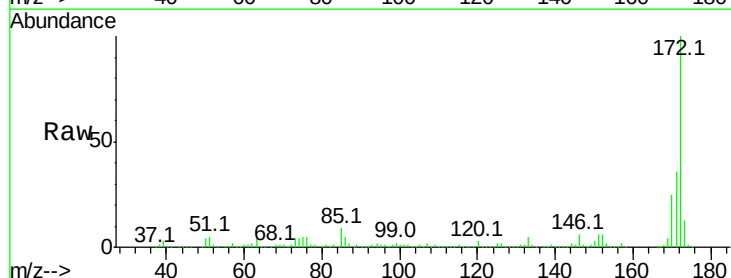


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

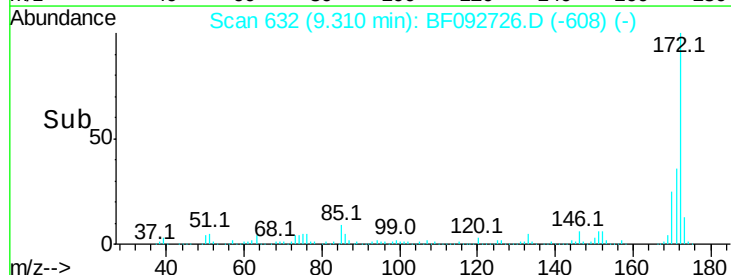
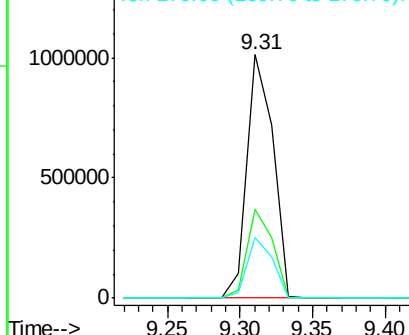


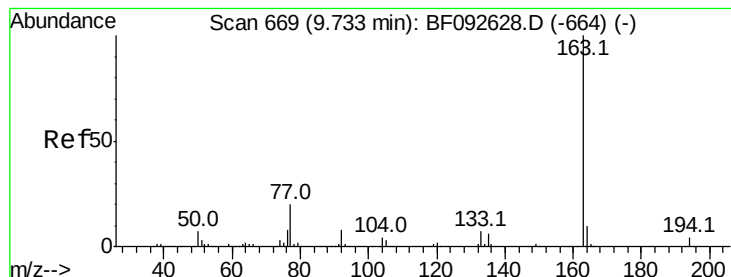
#44
 2-Fluorobiphenyl
 Concen: 81.69 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.8	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: 15.47 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

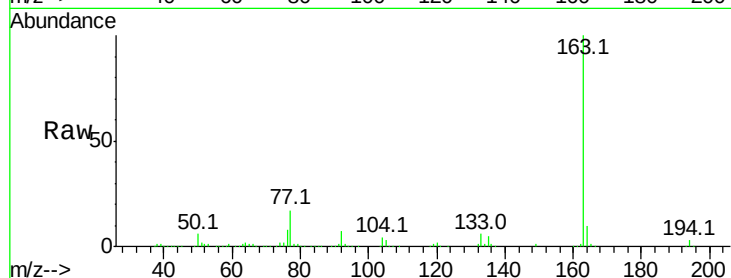
Tot Ion:163 Resp: 293008

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

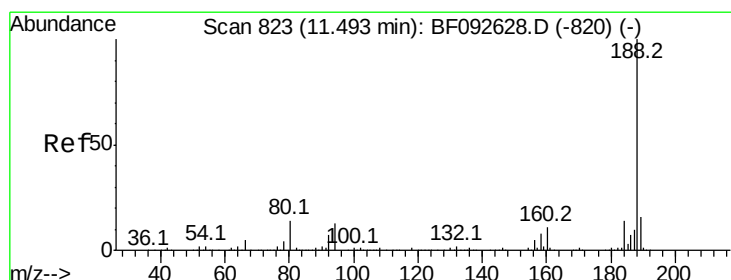
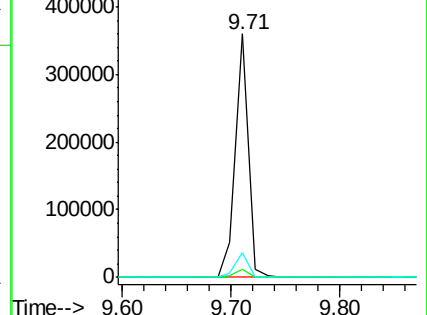
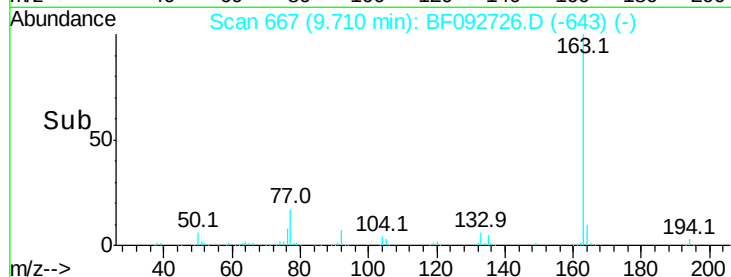
164 10.1 8.0 12.0



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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

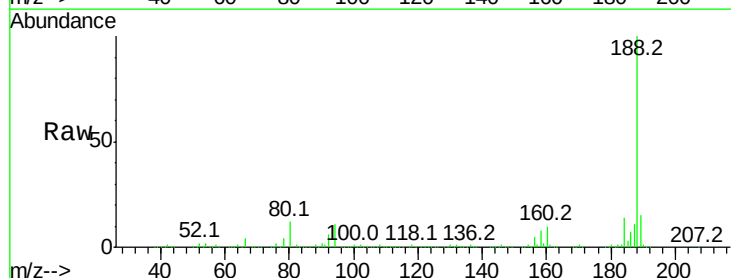
Tgt Ion:188 Resp: 376989

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

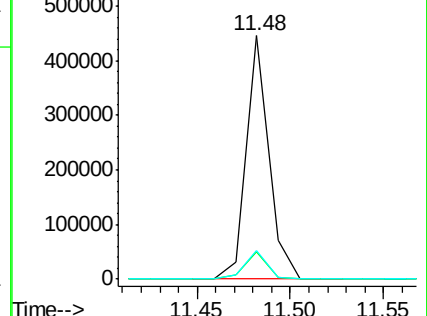
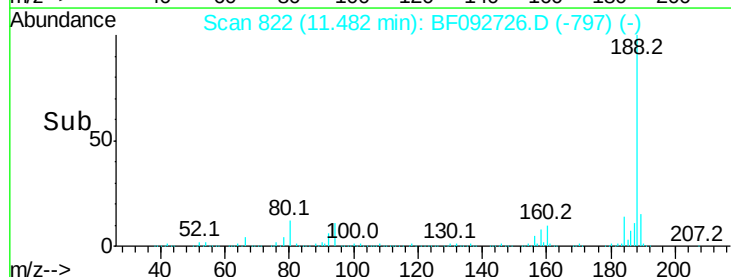
80 11.8 11.2 16.8

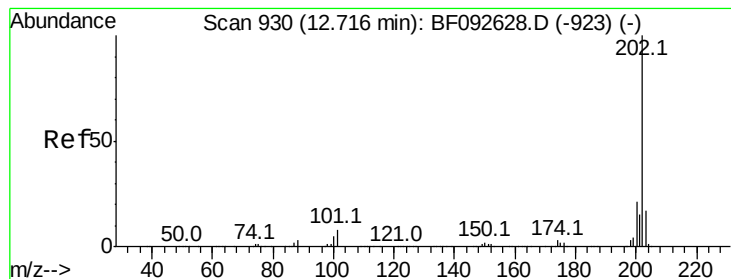


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.19 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

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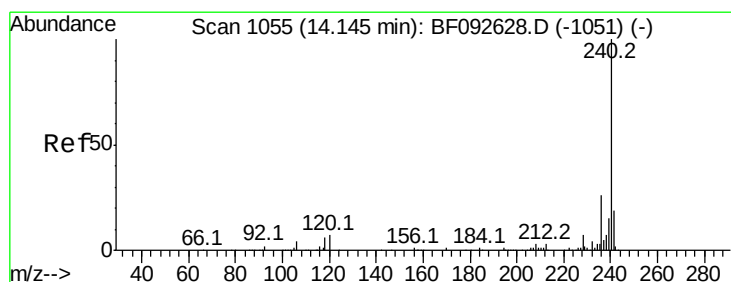
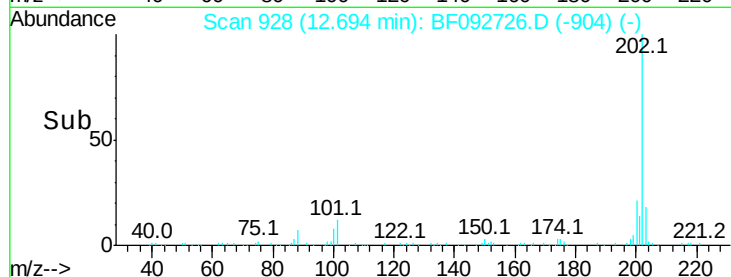
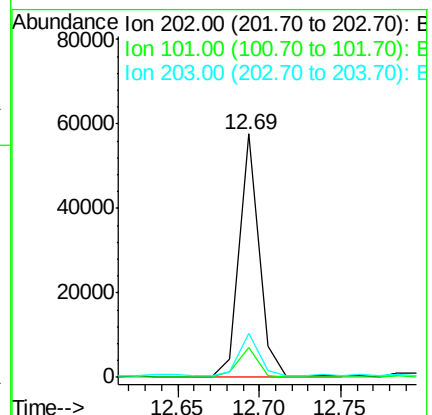
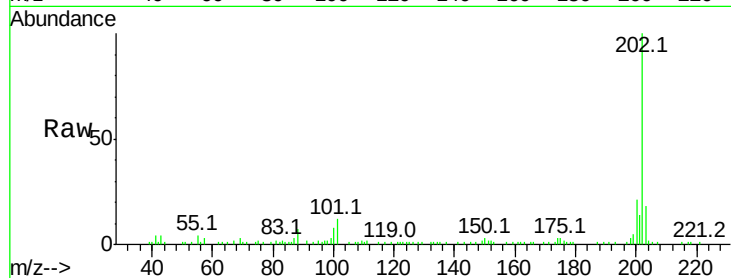
Tot Ion:202 Resp: 48825

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

203 17.9 0.0 38.7



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

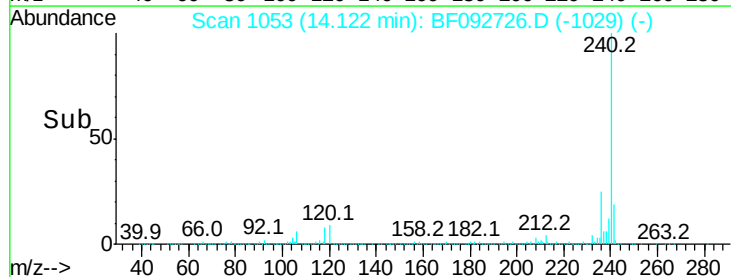
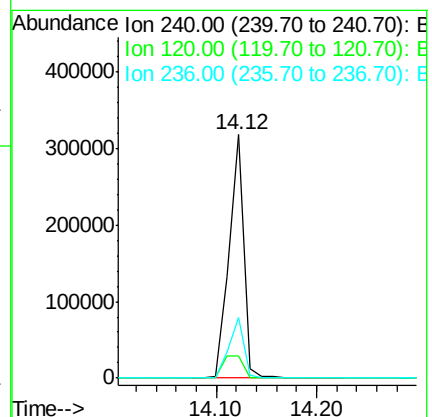
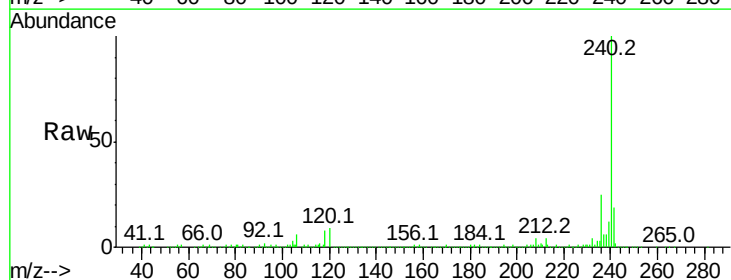
Tgt Ion:240 Resp: 324391

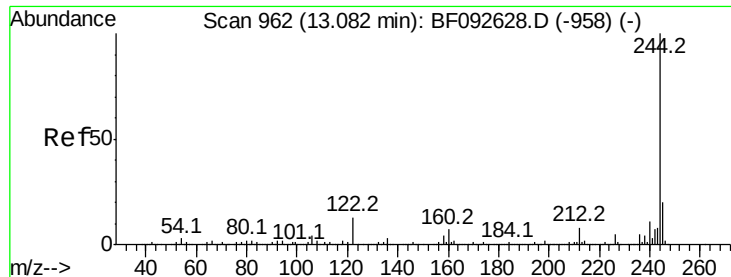
Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

236 25.1 20.9 31.3

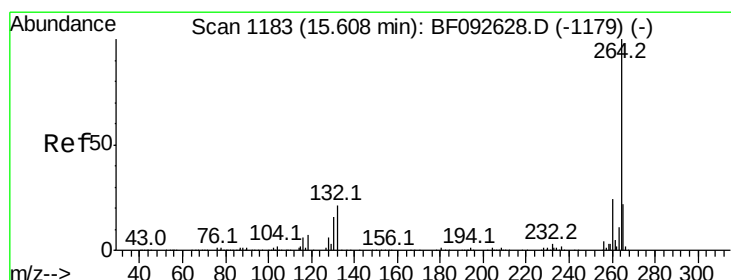
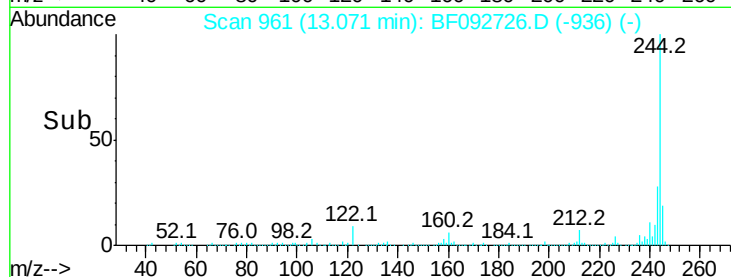
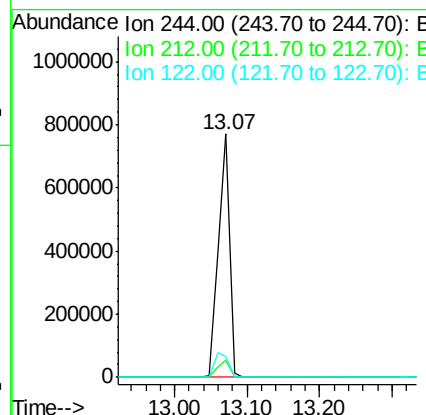
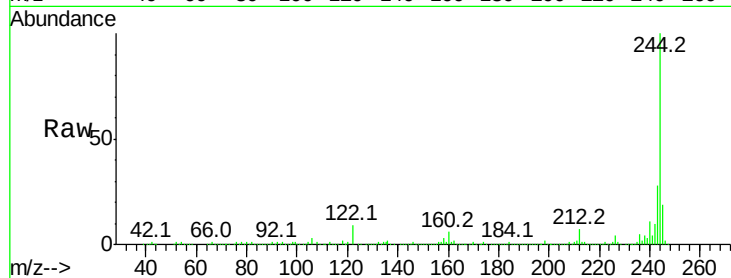




#78
 Terphenyl-d14
 Concen: 59.77 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Tot Ion:244 Resp: 825128
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.8 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Tgt Ion:264 Resp: 306235
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 20.9 17.4 26.0

