

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092197.D
 Acq On : 10 Jan 2017 22:11
 Operator : UM/SJ
 Sample : I1050-02DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-29-20170105DL

Quant Time: Jan 11 01:04:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

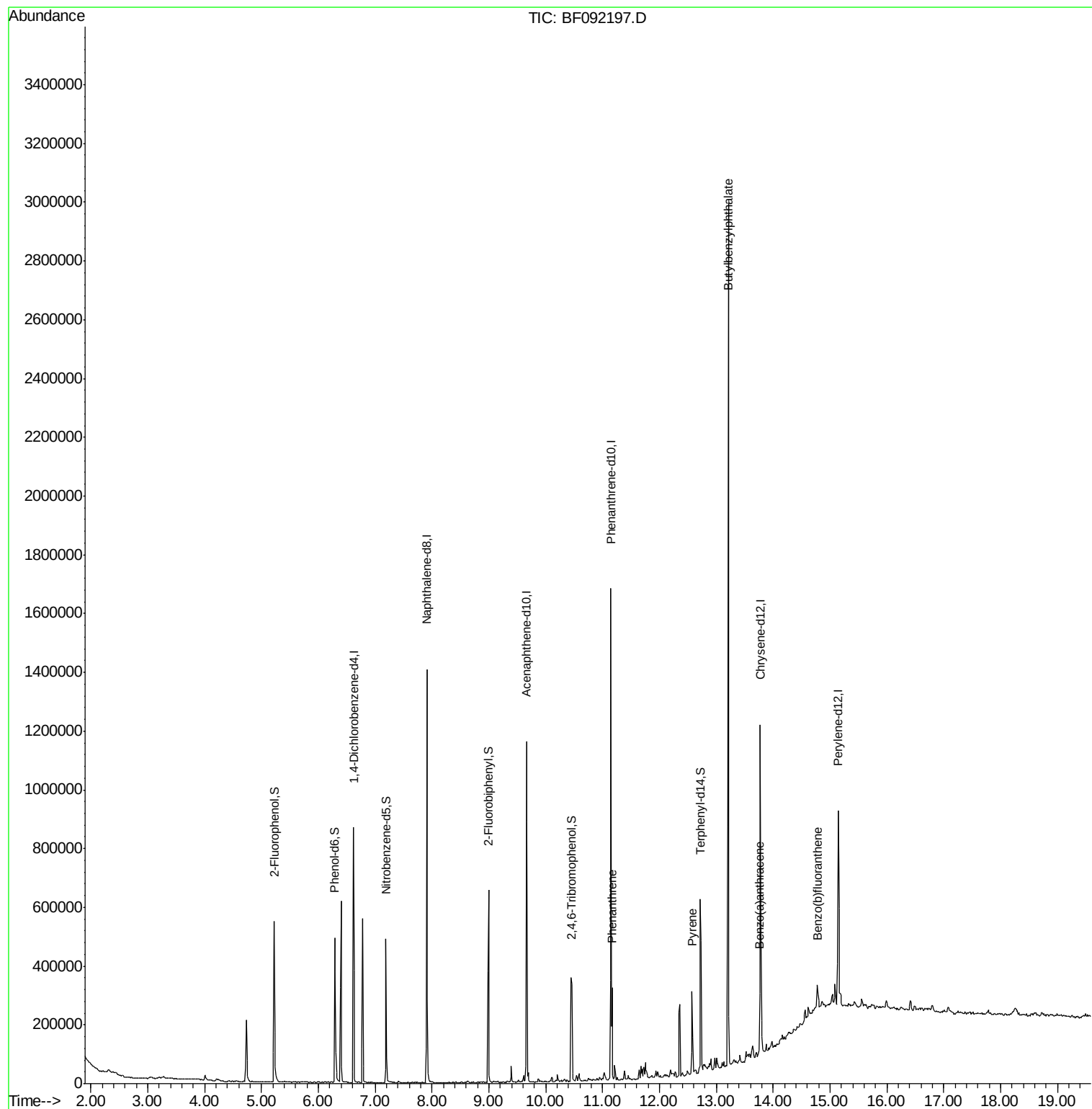
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	150691	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	632701	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	347935	20.00	ng	-0.02
63) Phenanthrene-d10	11.14	188	589612	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	386352	20.00	ng	-0.01
86) Perylene-d12	15.15	264	298907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	186172	20.63	ng	-0.01
7) Phenol-d6	6.29	99	251674	22.84	ng	-0.02
23) Nitrobenzene-d5	7.19	82	160961	14.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	60922	21.16	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	263903	3.11	ng	-0.01
78) Terphenyl-d14	12.72	244	244303	15.34	ng	-0.02
Target Compounds						
70) Phenanthrene	11.17	178	114327	3.58	ng	96
77) Pyrene	12.57	202	132437	4.67	ng	96
79) Butylbenzylphthalate	13.21	149	668805	51.88	ng	99
80) Benzo(a)anthracene	13.76	228	54726	2.51	ng	99
87) Benzo(b)fluoranthene	14.78	252	51976m	2.79	ng	

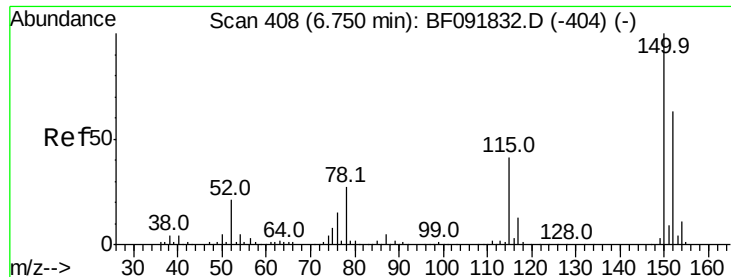
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

Instrument :

BNA_F

ClientSampleId :

POSTEX-29-20170105DL

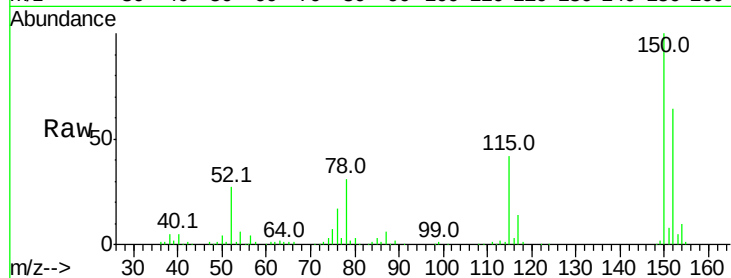
Tot Ion:152 Resp: 150691

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

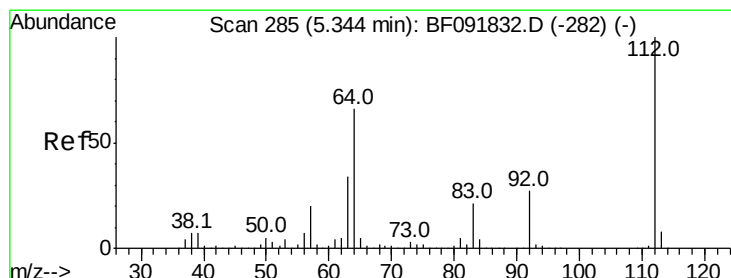
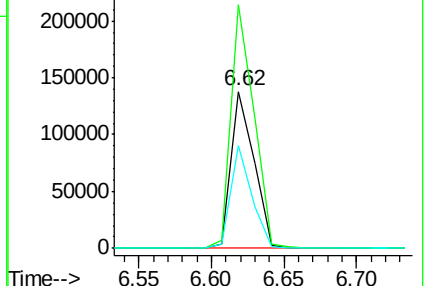
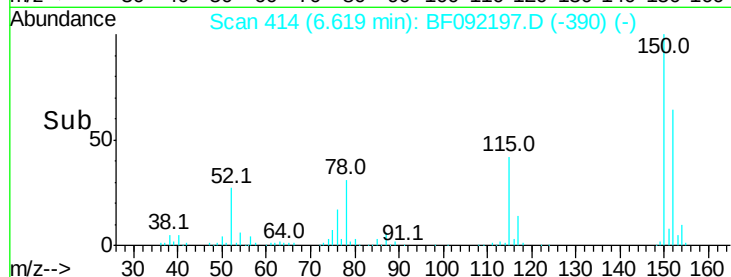
115 65.8 46.0 69.0



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: 20.63 ng

RT: 5.22 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

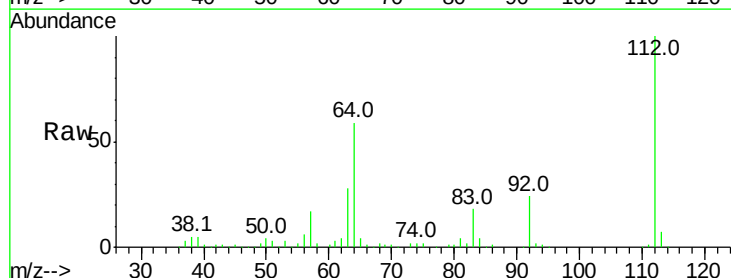
Tgt Ion:112 Resp: 186172

Ion Ratio Lower Upper

112 100

64 58.5 46.1 69.1

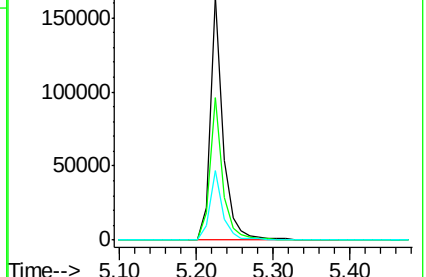
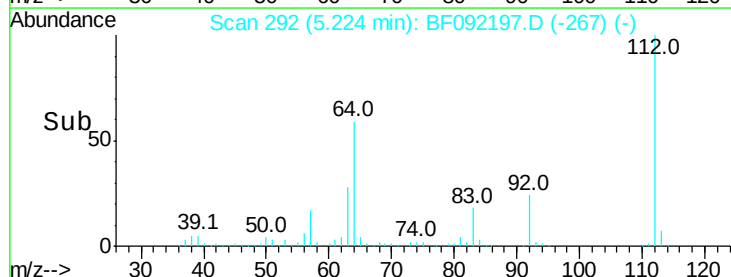
63 28.5 23.8 35.6

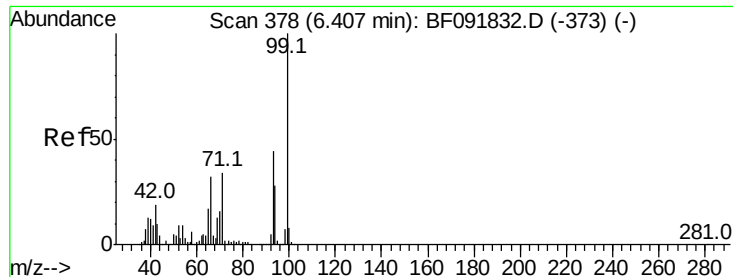


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.84 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

Instrument :

BNA_F

ClientSampleId :

POSTEX-29-20170105DL

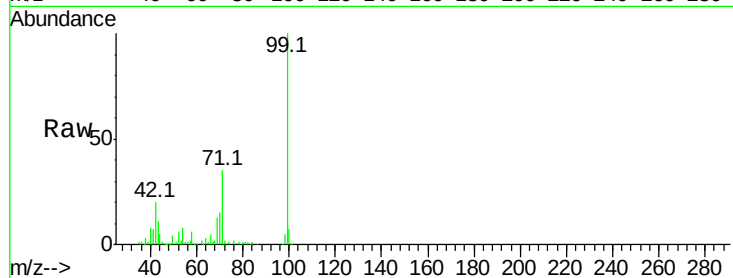
Tot Ion: 99 Resp: 251674

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

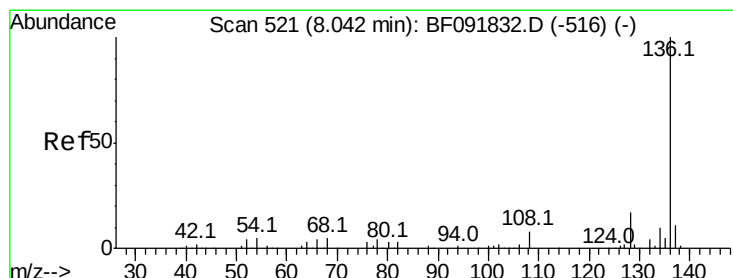
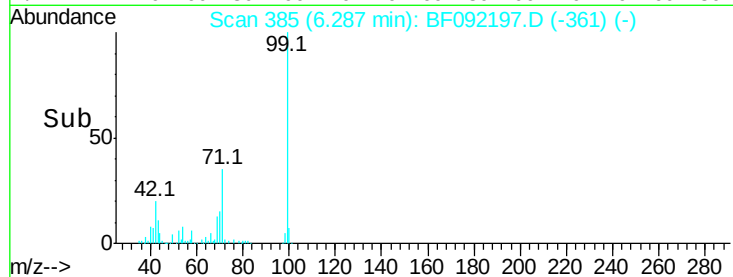
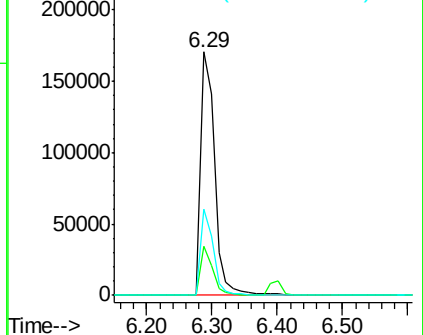
71 35.3 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

Tgt Ion: 136 Resp: 632701

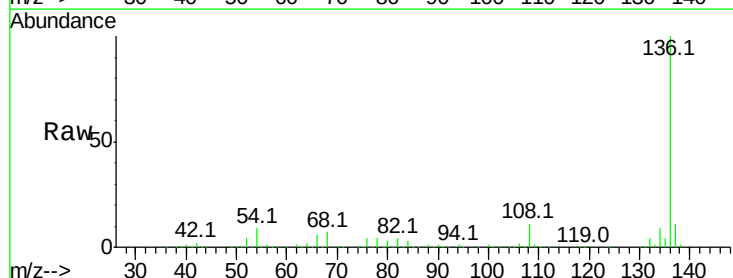
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 8.6 4.5 6.7#

68 6.5 3.6 5.4#

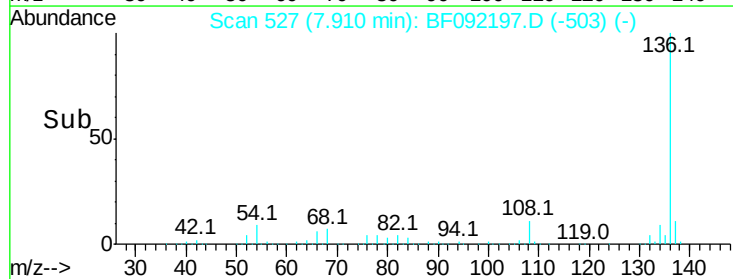
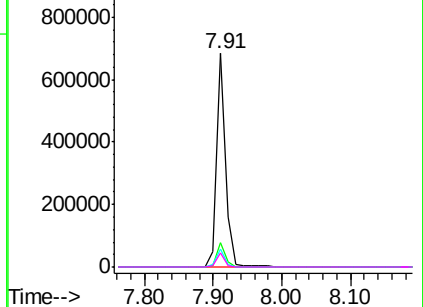


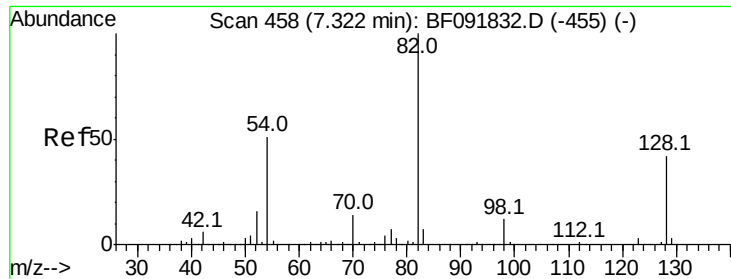
Abundance Ion 136.00 (135.70 to 136.70): E

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

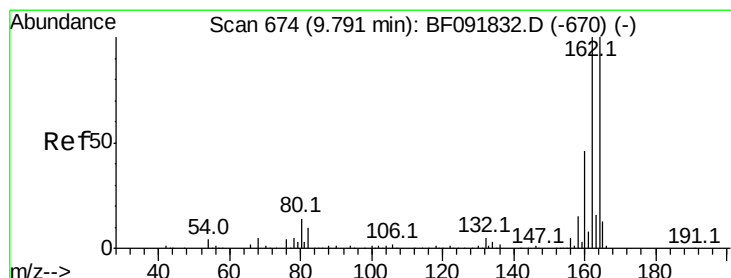
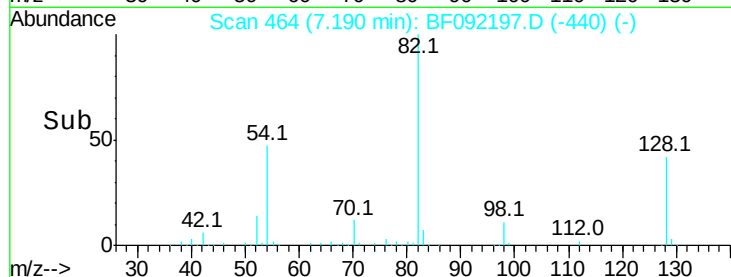
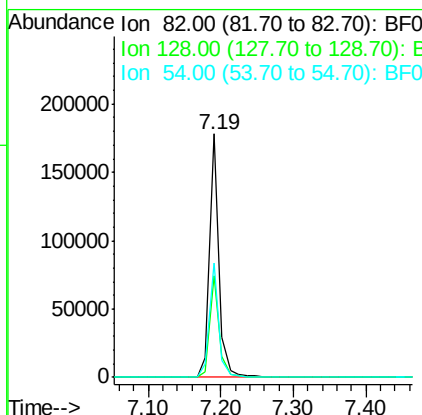
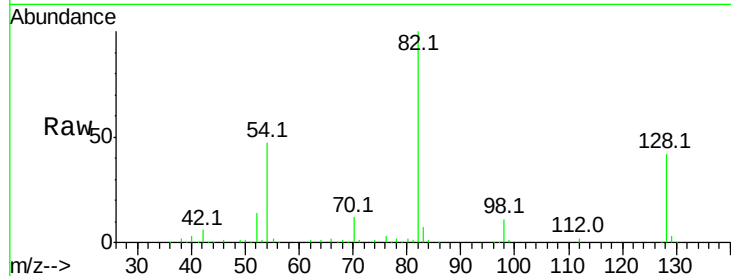




#23
 Nitrobenzene-d5
 Concen: 14.15 ng
 RT: 7.19 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF092197.D
 Acq: 10 Jan 2017 22:11

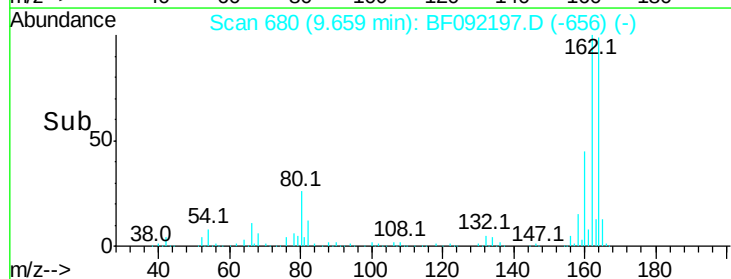
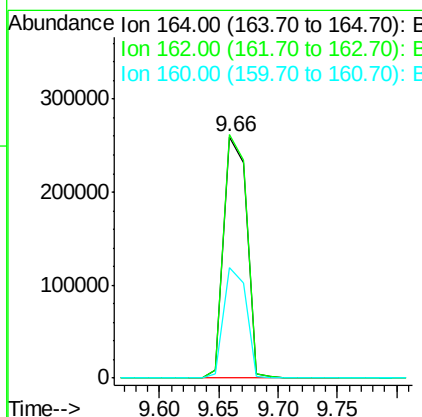
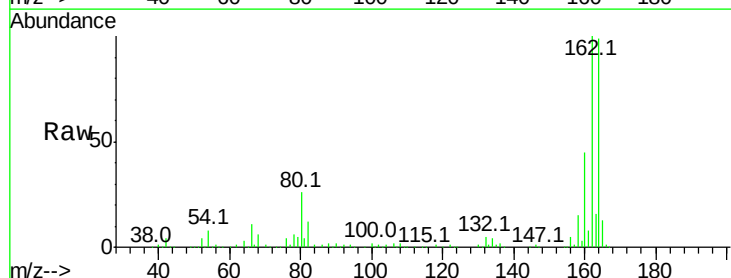
Instrument :
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 POSTEX-29-20170105DL

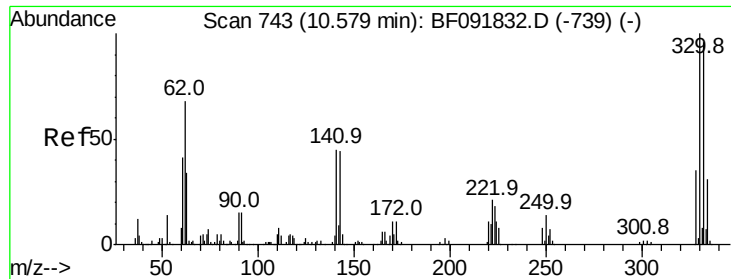
Tot Ion	82	Resp	160961
Ion Ratio	Lower	Upper	
82	100		
128	41.7	34.6	52.0
54	47.1	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF092197.D
 Acq: 10 Jan 2017 22:11

Tgt Ion	164	Resp	347935
Ion Ratio	Lower	Upper	
164	100		
162	100.9	80.2	120.2
160	45.9	36.9	55.3

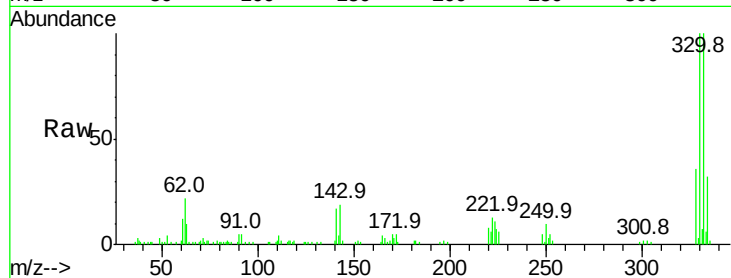




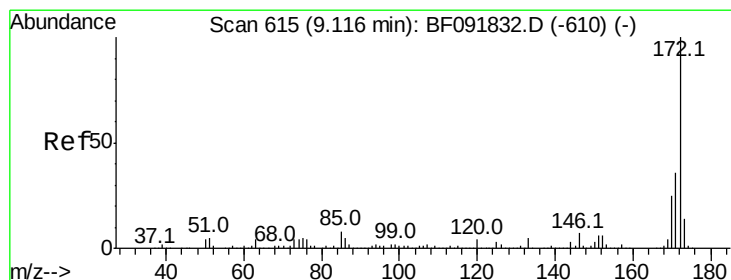
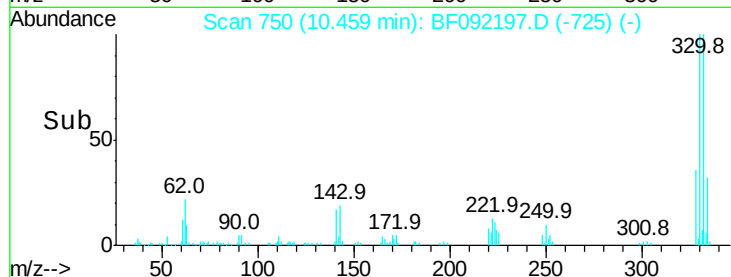
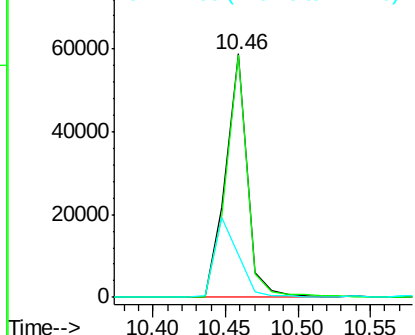
#41
 2,4,6-Tribromophenol
 Concen: 21.16 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092197.D
 Acq: 10 Jan 2017 22:11

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-29-20170105DL

Tot Ion:330 Resp: 60922
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 36.0 34.1 51.1

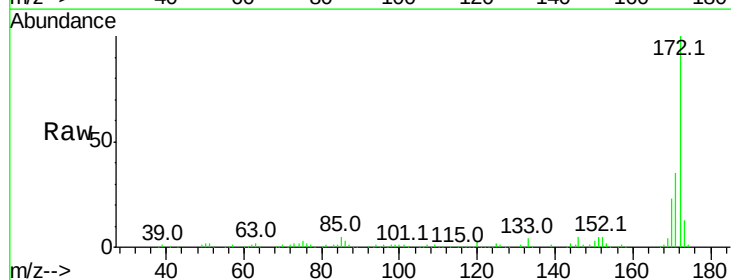


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

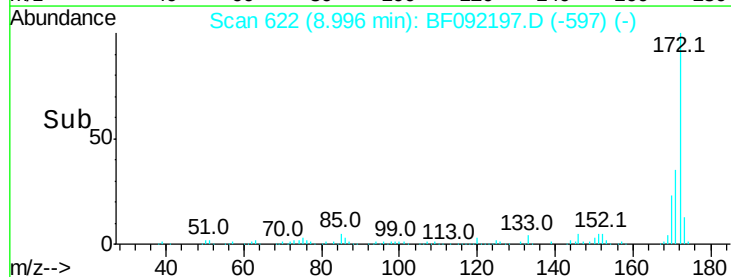
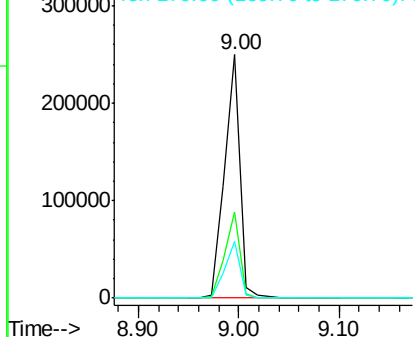


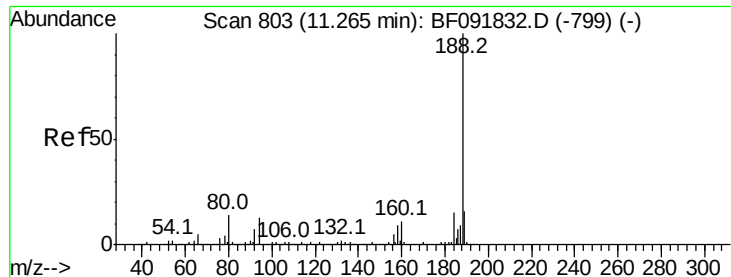
#44
 2-Fluorobiphenyl
 Concen: 3.11 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092197.D
 Acq: 10 Jan 2017 22:11

Tgt Ion:172 Resp: 263903
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.3 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

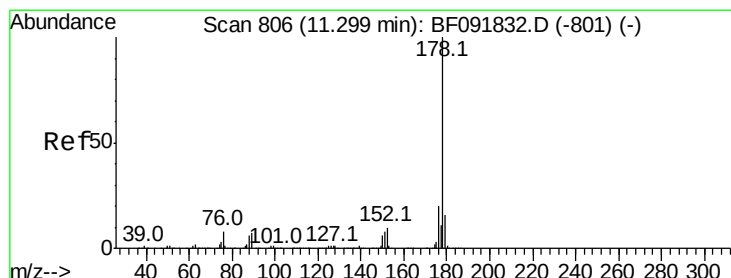
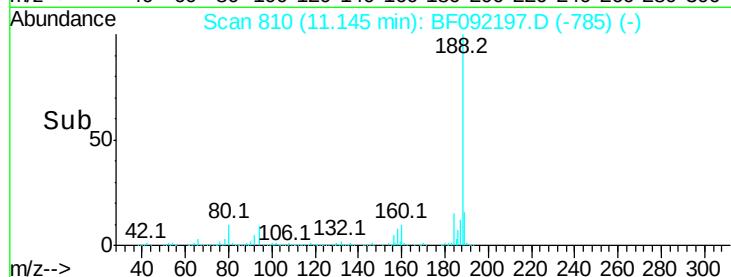
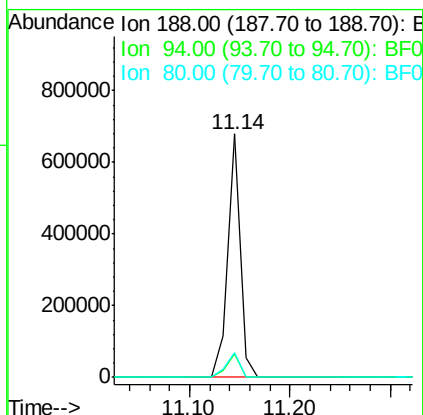
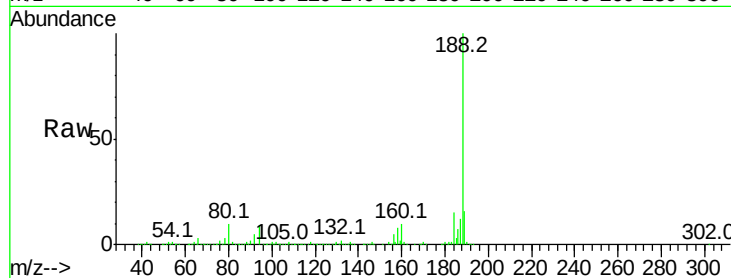




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

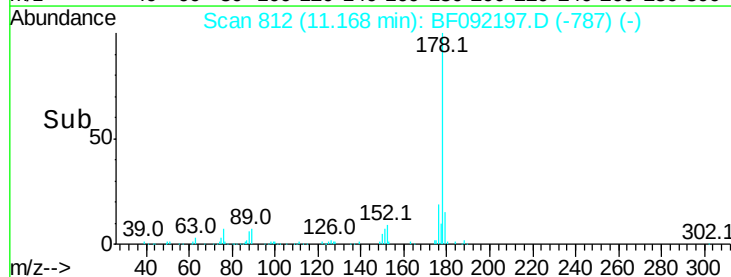
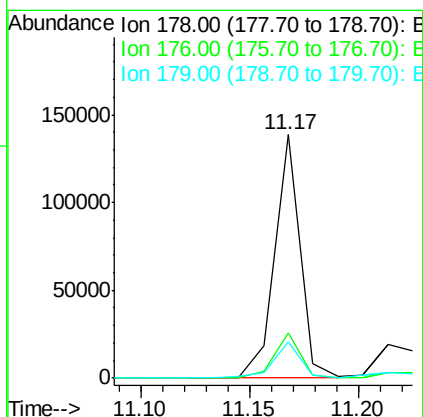
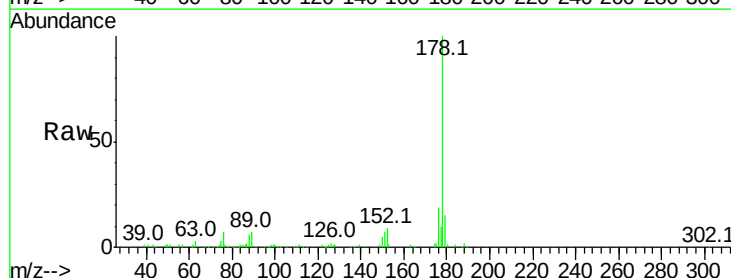
Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105DL

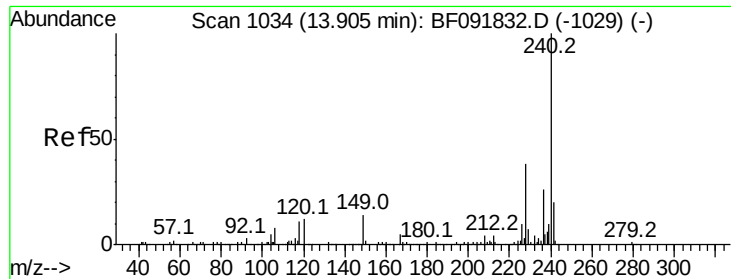
Tot Ion:188 Resp: 589612
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 10.3 11.2 16.8#



#70
Phenanthrene
Concen: 3.58 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092197.D
Acq: 10 Jan 2017 22:11

Tgt Ion:178 Resp: 114327
Ion Ratio Lower Upper
178 100
176 18.7 16.6 25.0
179 14.8 12.8 19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

Instrument :

BNA_F

ClientSampleId :

POSTEX-29-20170105DL

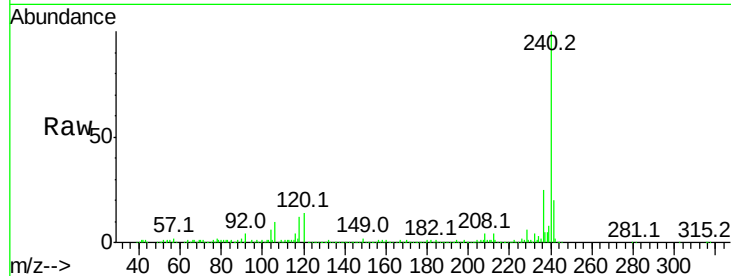
Tot Ion:240 Resp: 386352

Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.9	19.3
236	25.3	20.9	31.3

240 100

120 13.8 12.9 19.3

236 25.3 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

13.77

400000

300000

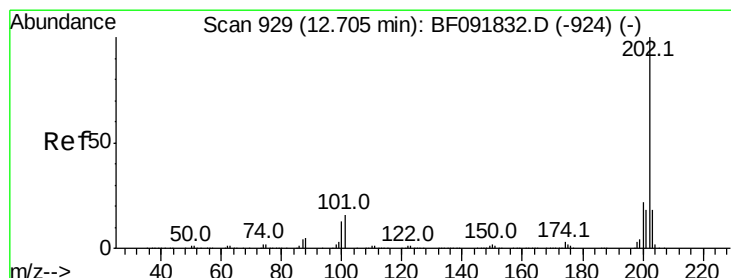
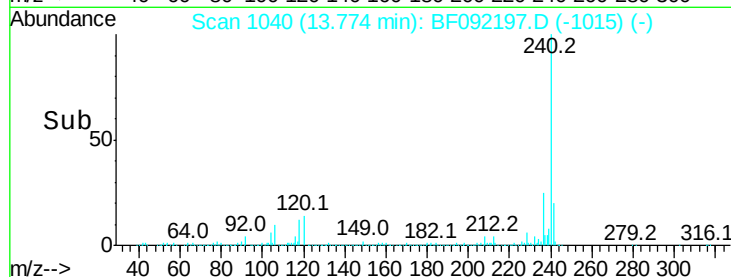
200000

100000

0

Time-->

13.70 13.80 13.90



#77

Pyrene

Concen: 4.67 ng

RT: 12.57 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

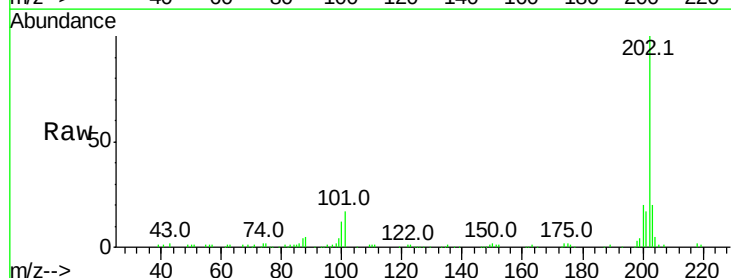
Tgt Ion:202 Resp: 132437

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.7	26.5
203	19.9	14.7	22.1

202 100

200 20.1 17.7 26.5

203 19.9 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

12.57

150000

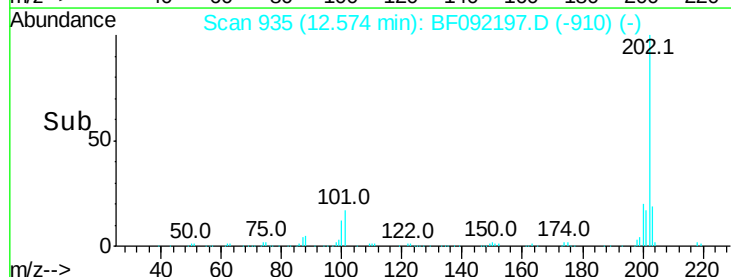
100000

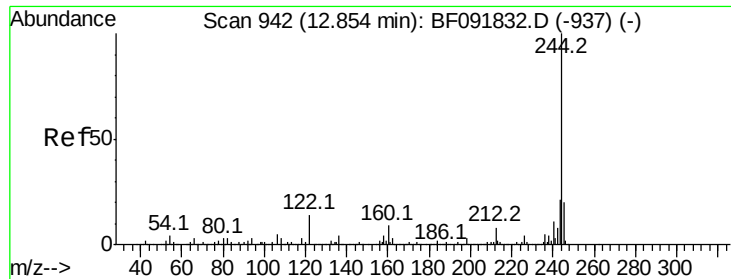
50000

0

Time-->

12.40 12.50 12.60 12.70

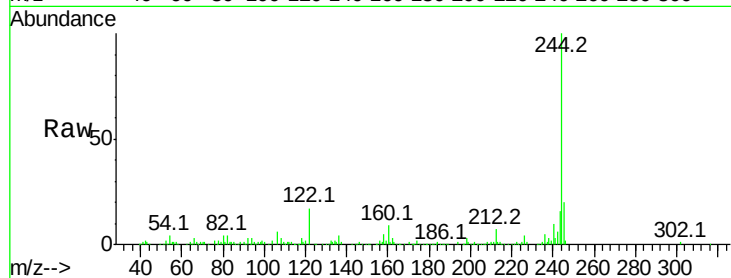




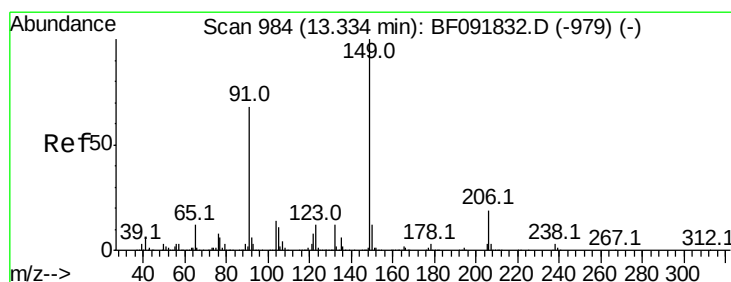
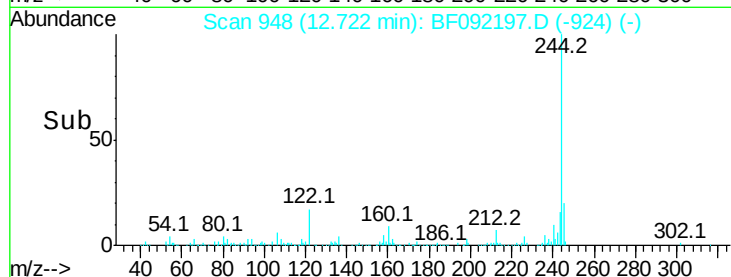
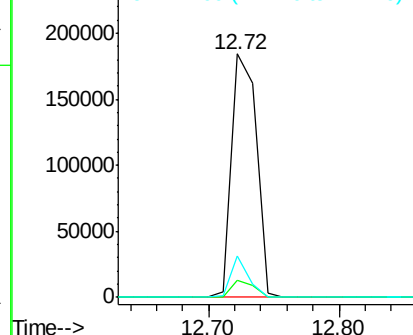
#78
 Terphenyl-d14
 Concen: 15.34 ng
 RT: 12.72 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BF092197.D
 Acq: 10 Jan 2017 22:11

Instrument :
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 POSTEX-29-20170105DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	16.8	11.4	17.2

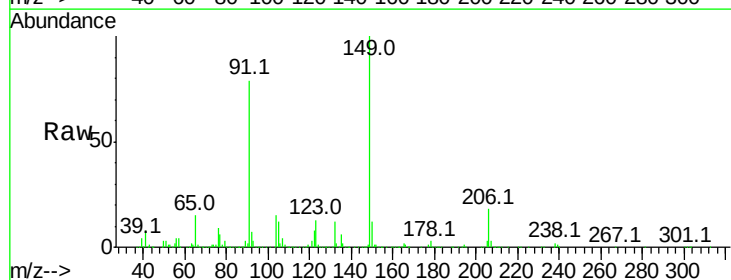


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

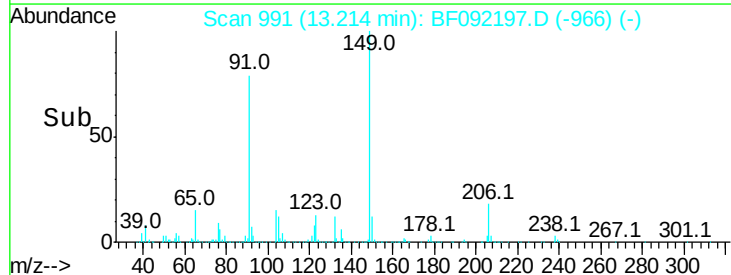
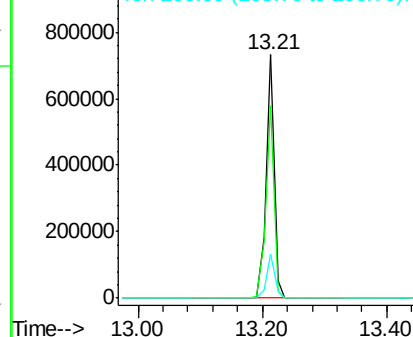


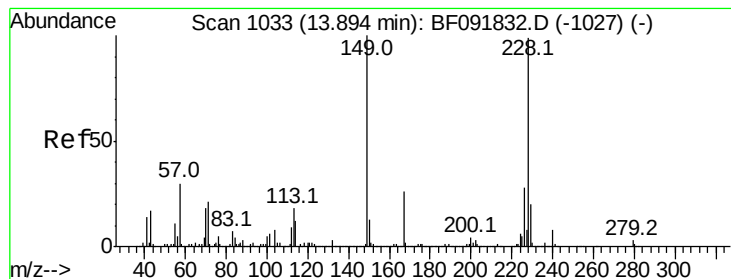
#79
 Butylbenzylphthalate
 Concen: 51.88 ng
 RT: 13.21 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF092197.D
 Acq: 10 Jan 2017 22:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	63.9	95.9
206	18.0	14.6	21.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.51 ng

RT: 13.76 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

Instrument :

BNA_F

ClientSampleId :

POSTEX-29-20170105DL

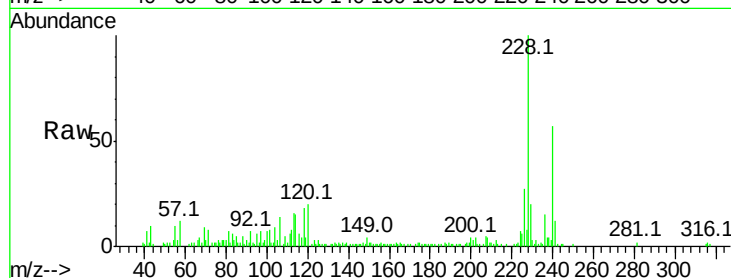
Tot Ion:228 Resp: 54726

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

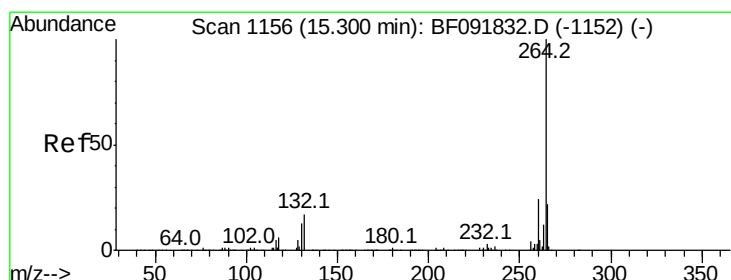
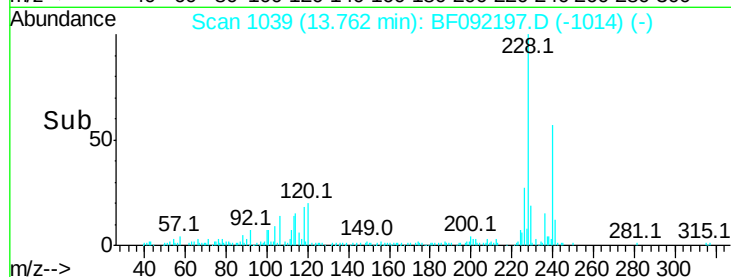
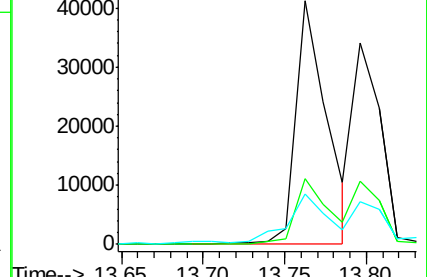
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

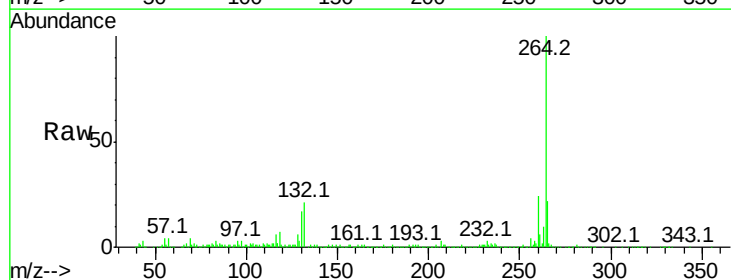
Tgt Ion:264 Resp: 298907

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

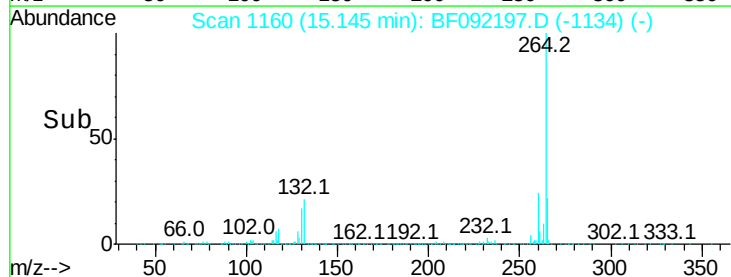
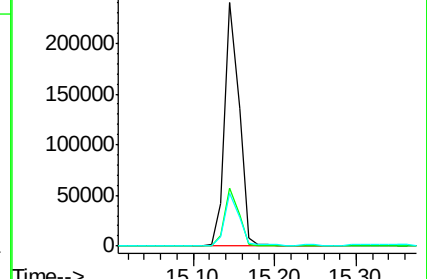
265 21.9 17.4 26.0

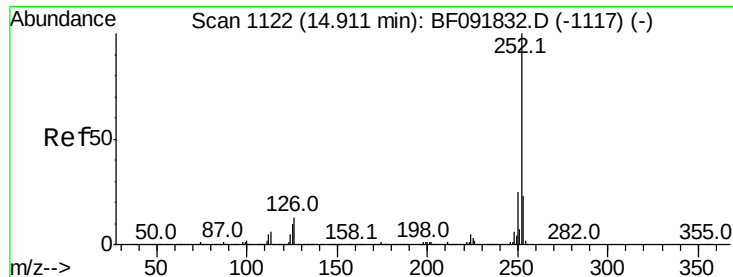


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.79 ng m

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092197.D

Acq: 10 Jan 2017 22:11

Instrument :

BNA_F

ClientSampleId :

POSTEX-29-20170105DL

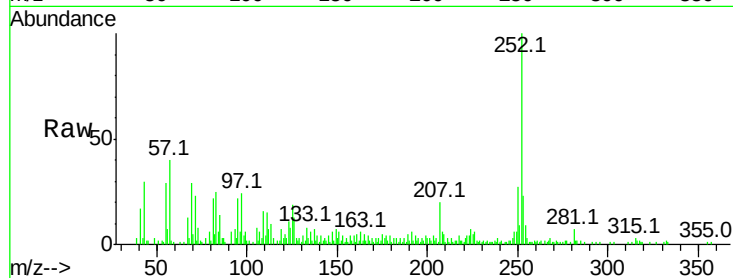
Tot Ion:252 Resp: 51976

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 18.8 9.8 14.6#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

