

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092181.D
 Acq On : 10 Jan 2017 14:54
 Operator : UM/SJ
 Sample : I1045-06RE 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4RE

Quant Time: Jan 10 15:41:25 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

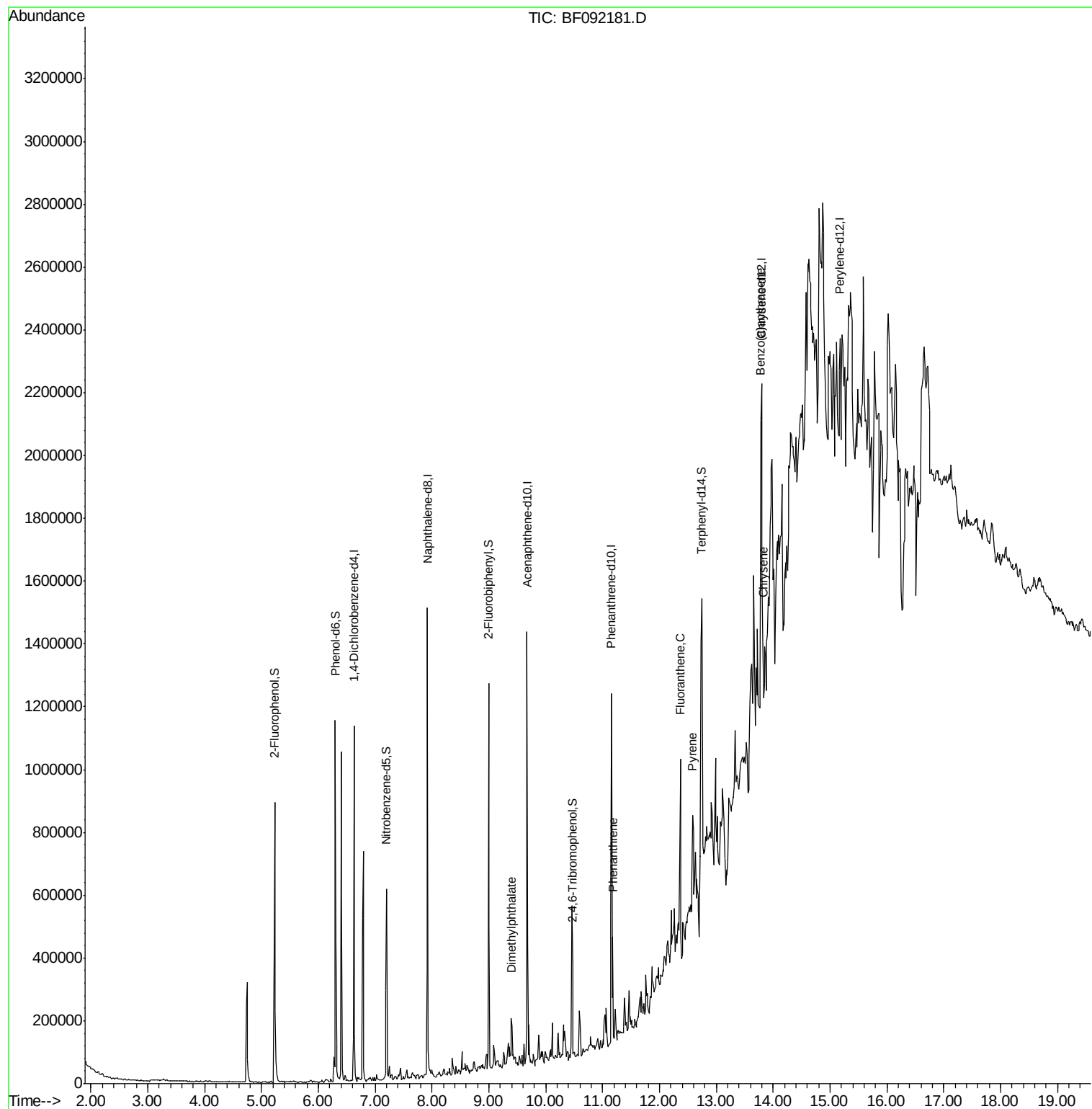
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	162787	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	650340	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	292572	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	438327	20.00	ng	0.00
75) Chrysene-d12	13.80	240	311568	20.00	ng	0.01
86) Perylene-d12	15.18	264	169373	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	334082	34.27	ng	0.00
7) Phenol-d6	6.30	99	445341	37.41	ng	-0.01
23) Nitrobenzene-d5	7.20	82	232063	19.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	66459	27.45	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	420561	19.51	ng	-0.01
78) Terphenyl-d14	12.74	244	377751	29.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	54936	2.94	ng	98
70) Phenanthrene	11.18	178	127987	5.38	ng	96
74) Fluoranthene	12.37	202	256425	9.26	ng	92
77) Pyrene	12.58	202	185814	8.13	ng	95
80) Benzo(a)anthracene	13.79	228	76445m	4.35	ng	
82) Chrysene	13.82	228	71732m	4.07	ng	

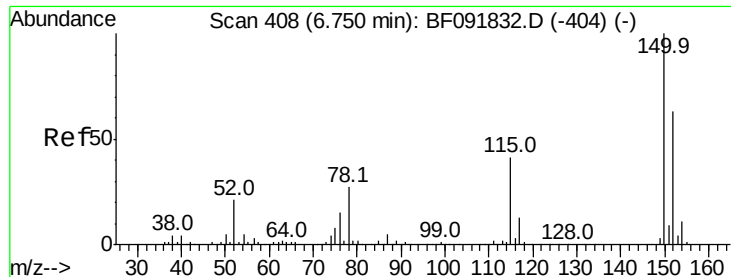
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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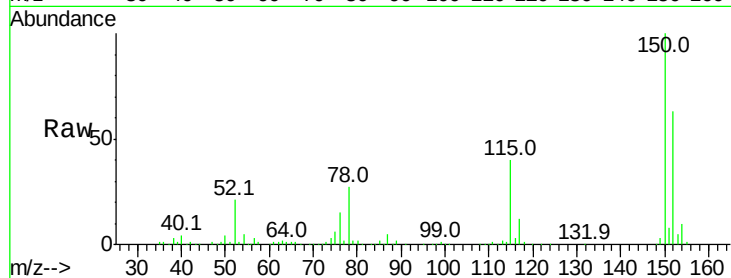


#1

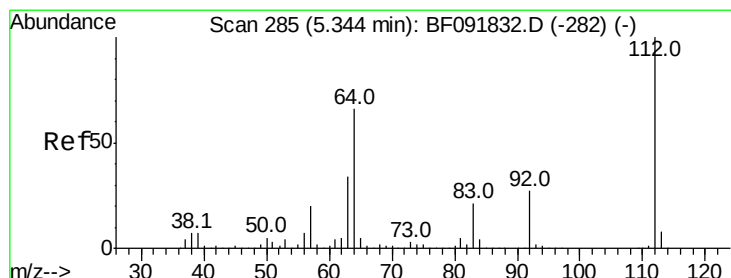
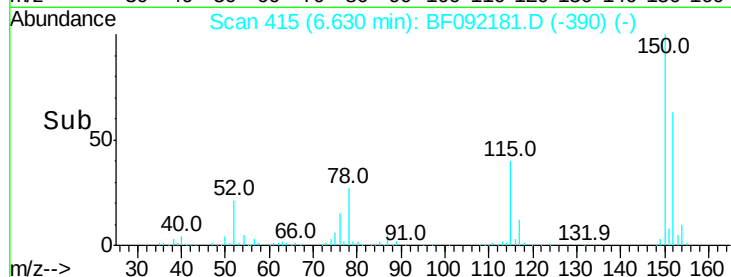
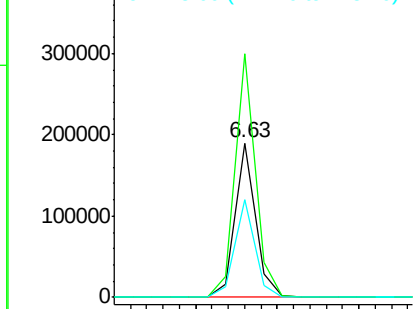
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

Instrument :
BNA_F
ClientSampleId :
RAP-SP4RE

Tot Ion:152 Resp: 162787
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 63.2 46.0 69.0



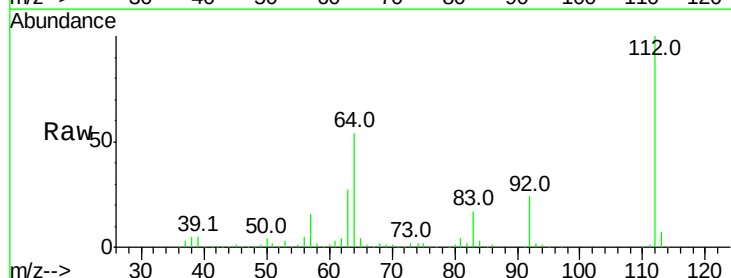
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



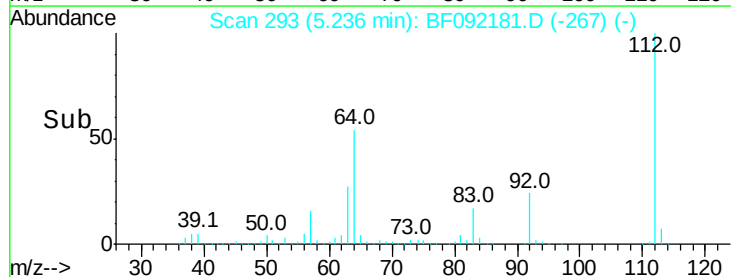
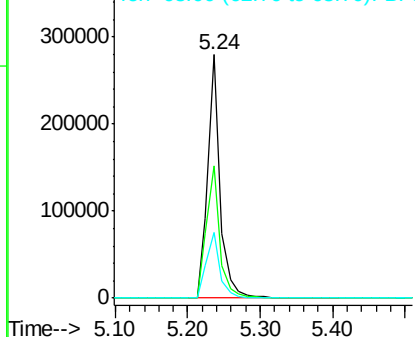
#5

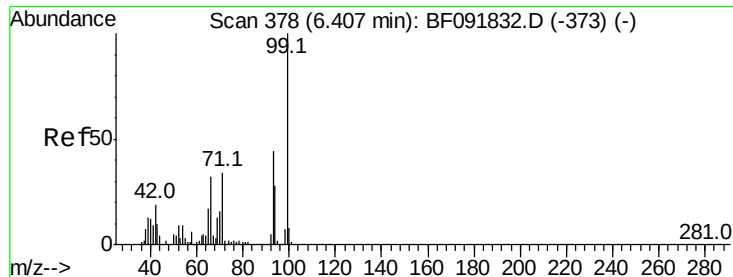
2-Fluorophenol
Concen: 34.27 ng
RT: 5.24 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

Tgt Ion:112 Resp: 334082
Ion Ratio Lower Upper
112 100
64 54.2 46.1 69.1
63 27.2 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: 37.41 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092181.D

Acq: 10 Jan 2017 14:54

Instrument :

BNA_F

ClientSampled :

RAP-SP4RE

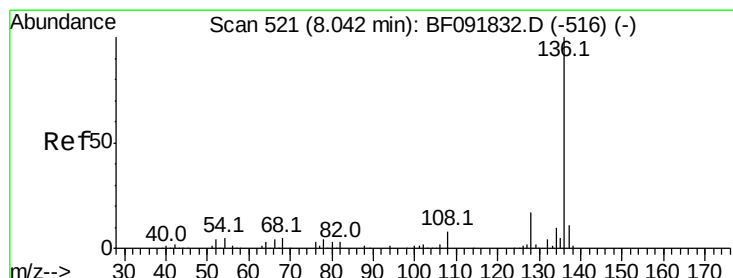
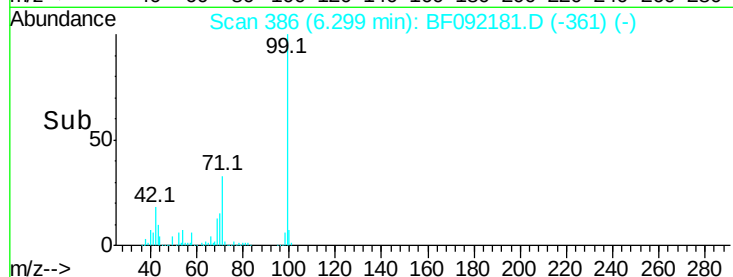
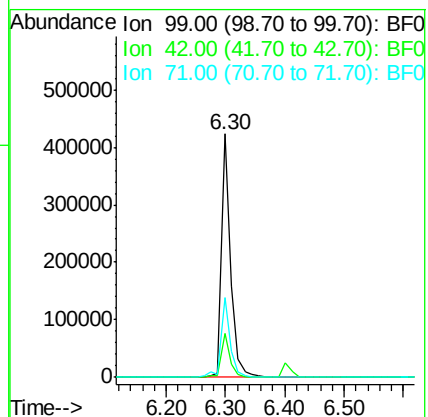
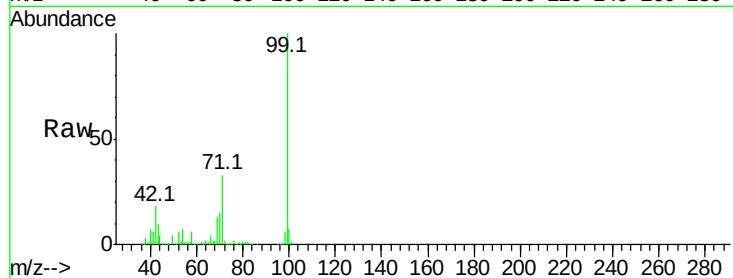
Tot Ion: 99 Resp: 445341

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 32.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092181.D

Acq: 10 Jan 2017 14:54

Tgt Ion: 136 Resp: 650340

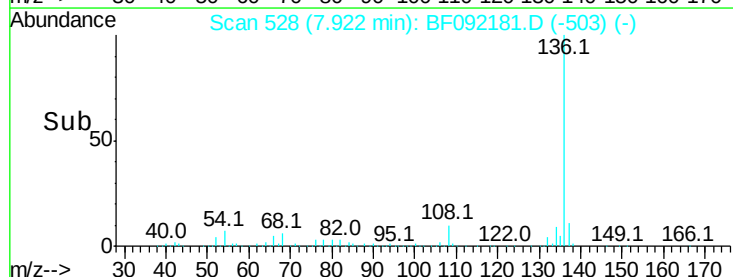
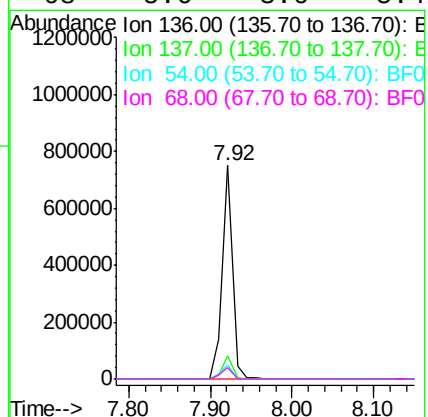
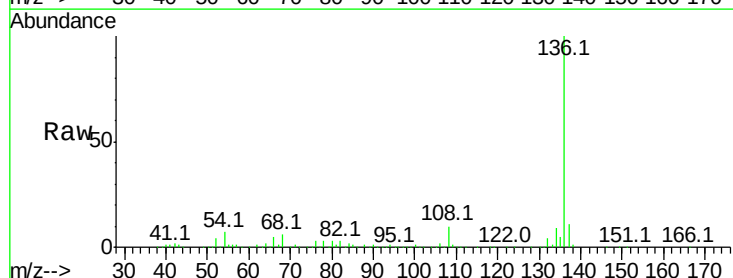
Ion Ratio Lower Upper

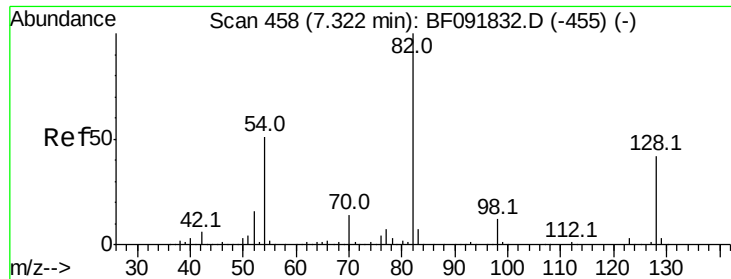
136 100

137 10.8 8.4 12.6

54 6.8 4.5 6.7#

68 5.6 3.6 5.4#

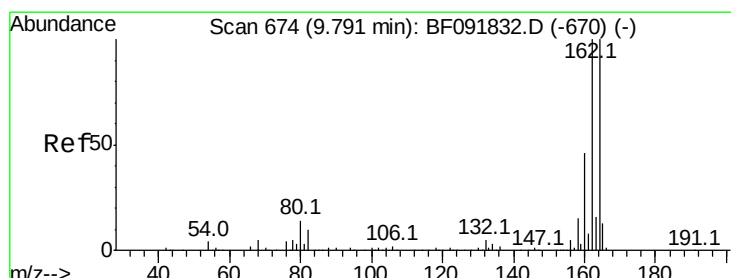
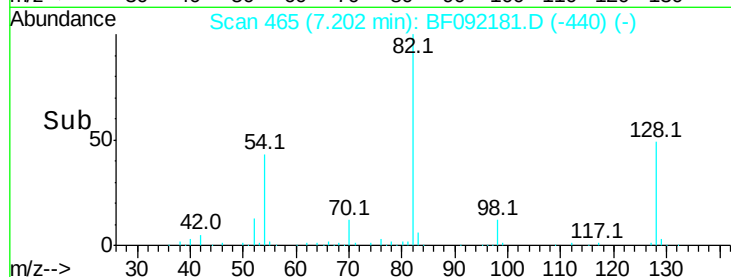
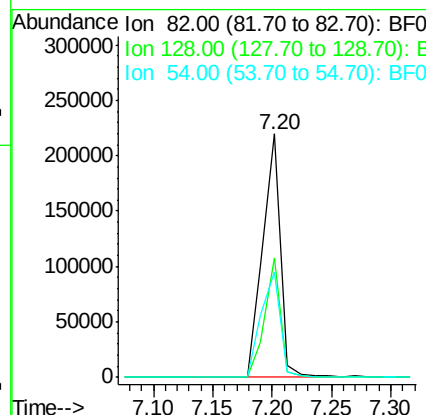
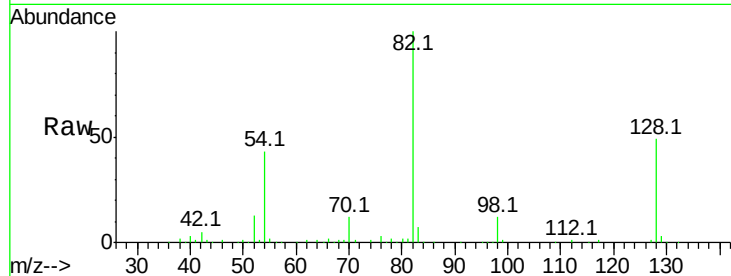




#23
Nitrobenzene-d5
Concen: 19.84 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

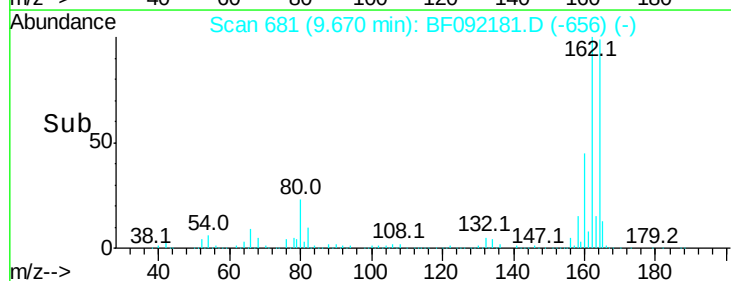
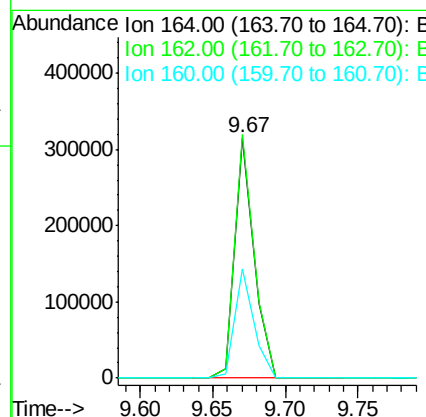
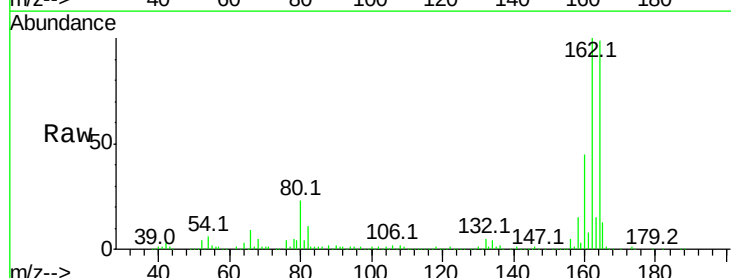
Instrument :
BNA_F
ClientSampleId :
RAP-SP4RE

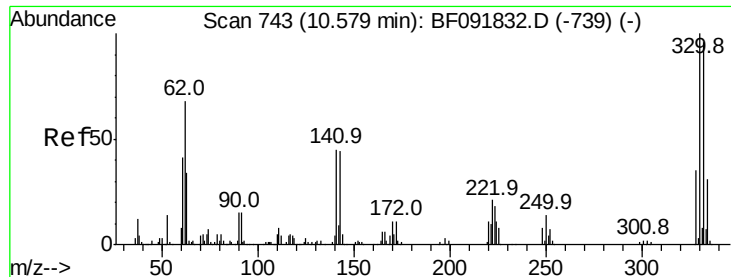
Tot Ion	82	Resp	232063
Ion Ratio	100		
Lower	34.6		
Upper	52.0		
54	43.2	39.5	59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

Tgt Ion	164	Resp	292572
Ion Ratio	100		
Lower	80.2		
Upper	120.2		
162	101.4	36.9	55.3

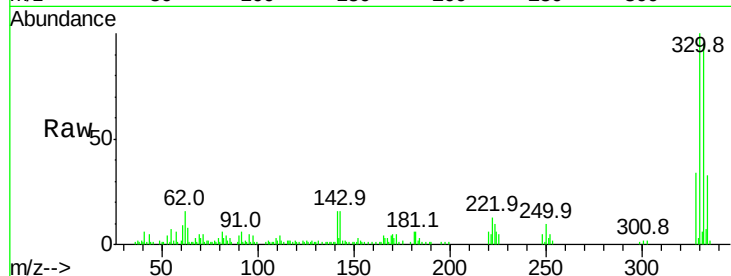




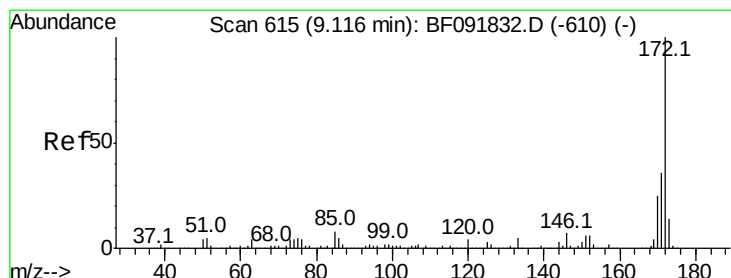
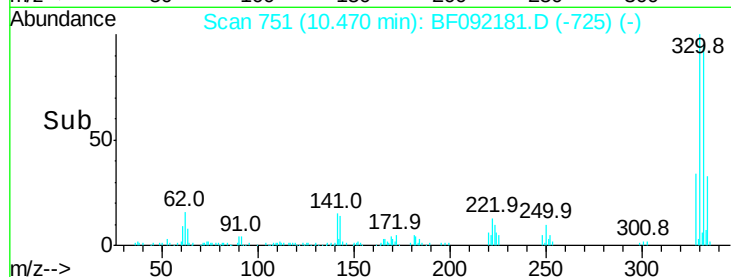
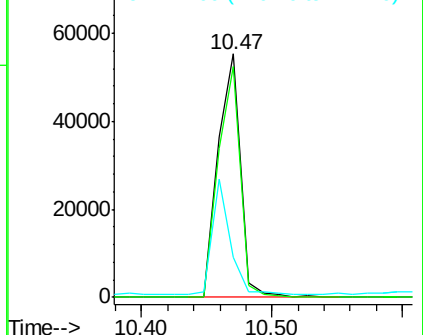
#41
 2,4,6-Tribromophenol
 Concen: 27.45 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092181.D
 Acq: 10 Jan 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4RE

Tot Ion:330 Resp: 66459
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.4 116.2
 141 38.8 34.1 51.1

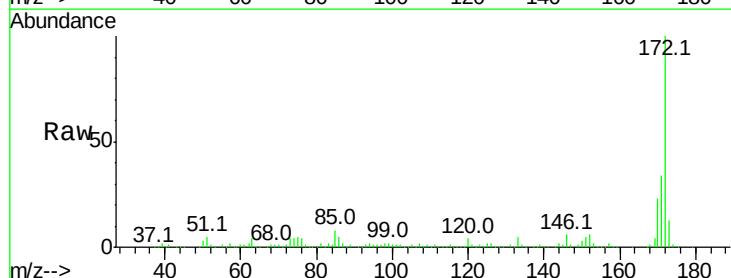


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

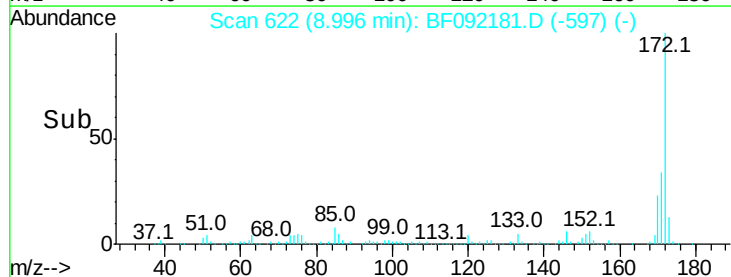
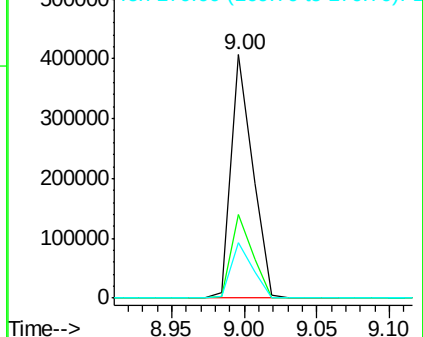


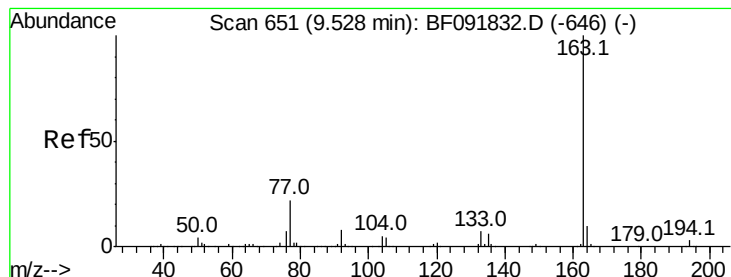
#44
 2-Fluorobiphenyl
 Concen: 19.51 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092181.D
 Acq: 10 Jan 2017 14:54

Tgt Ion:172 Resp: 420561
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.4 44.0
 170 22.9 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: 2.94 ng

RT: 9.40 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF092181.D

Acq: 10 Jan 2017 14:54

Instrument :

BNA_F

ClientSampleId :

RAP-SP4RE

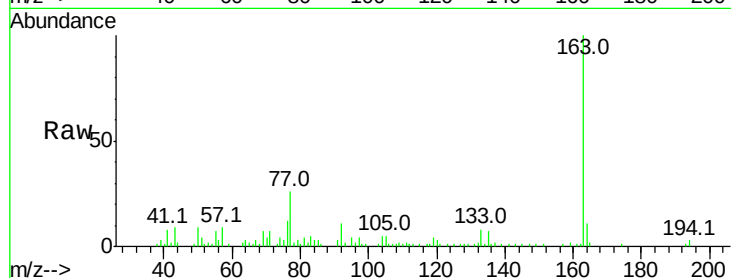
Tot Ion:163 Resp: 54936

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

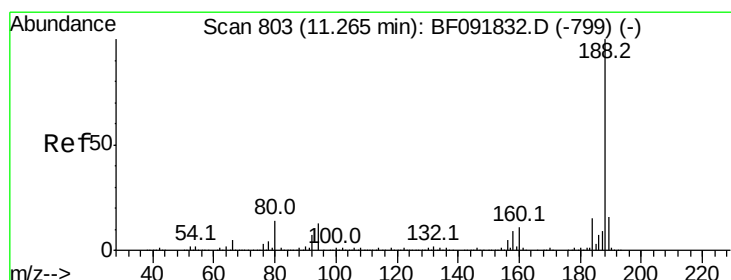
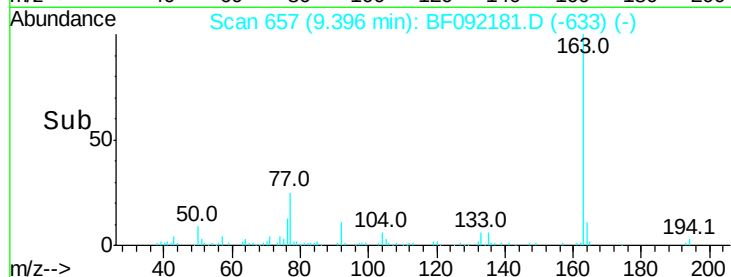
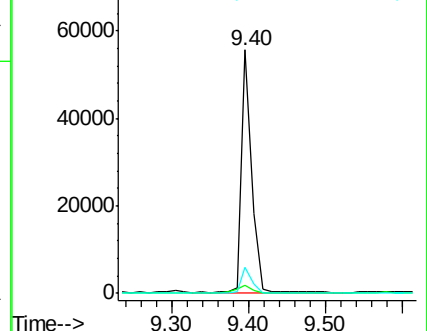
164 10.8 8.0 12.0



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: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092181.D

Acq: 10 Jan 2017 14:54

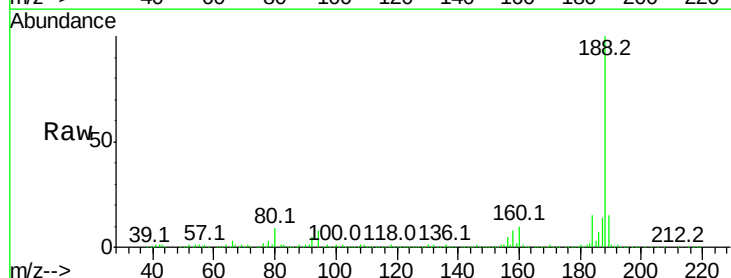
Tgt Ion:188 Resp: 438327

Ion Ratio Lower Upper

188 100

94 8.2 10.0 15.0#

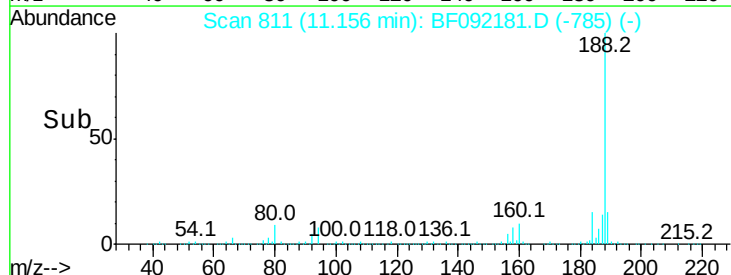
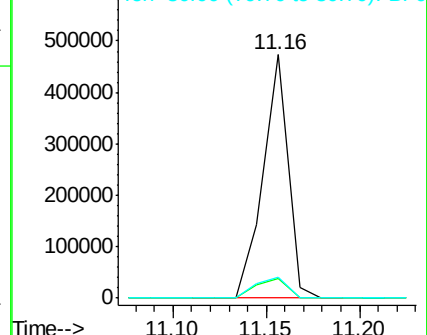
80 8.6 11.2 16.8#

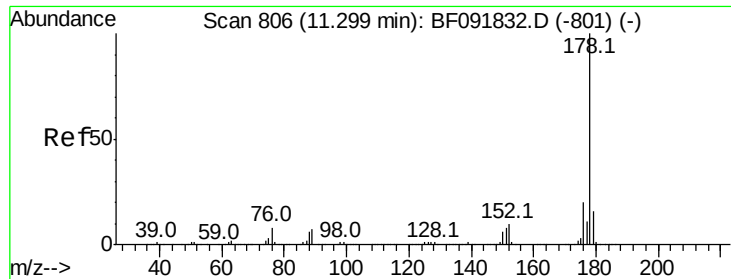


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

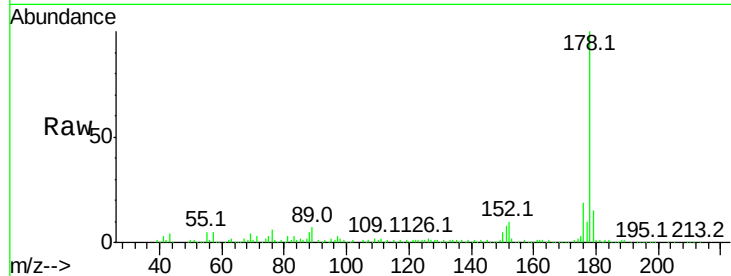




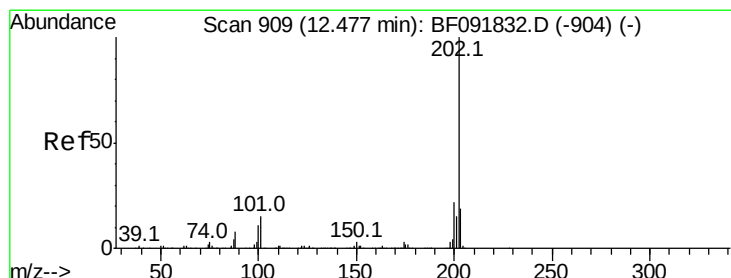
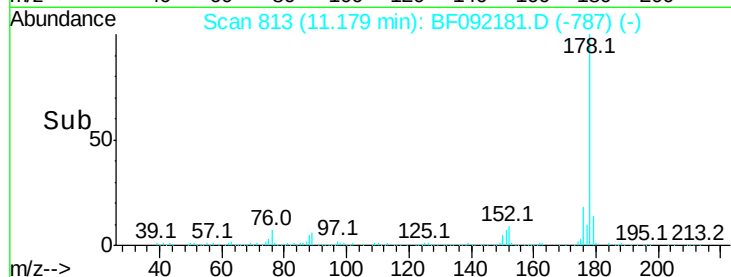
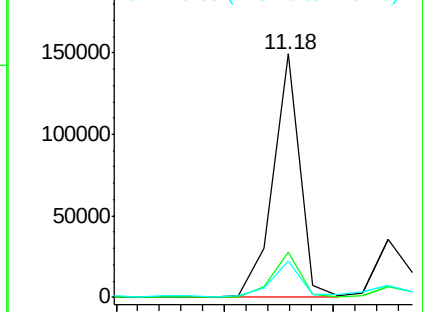
#70
Phenanthrene
Concen: 5.38 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

Instrument :
BNA_F
ClientSampleId :
RAP-SP4RE

Tot Ion:178 Resp: 127987
Ion Ratio Lower Upper
178 100
176 18.5 16.6 25.0
179 15.0 12.8 19.2

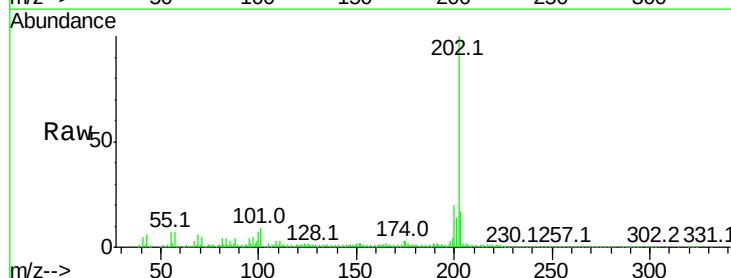


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

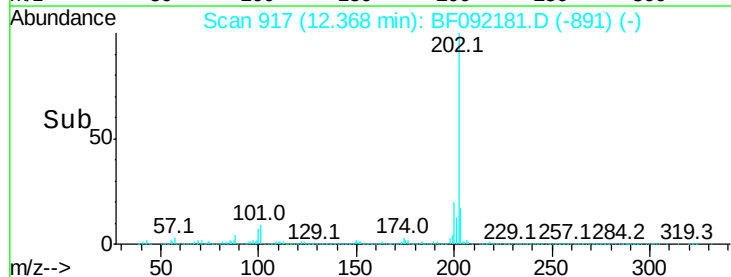
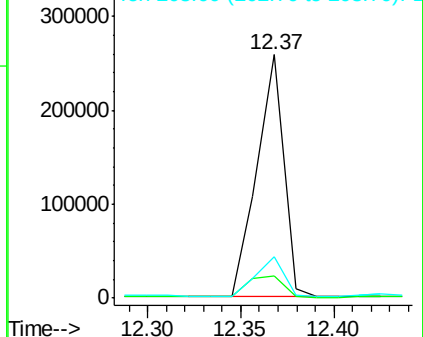


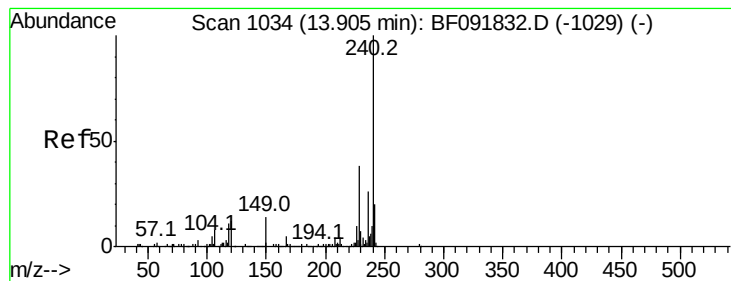
#74
Fluoranthene
Concen: 9.26 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

Tgt Ion:202 Resp: 256425
Ion Ratio Lower Upper
202 100
101 9.0 0.0 34.6
203 17.1 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

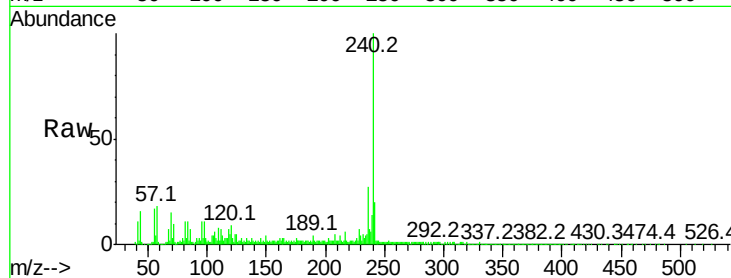




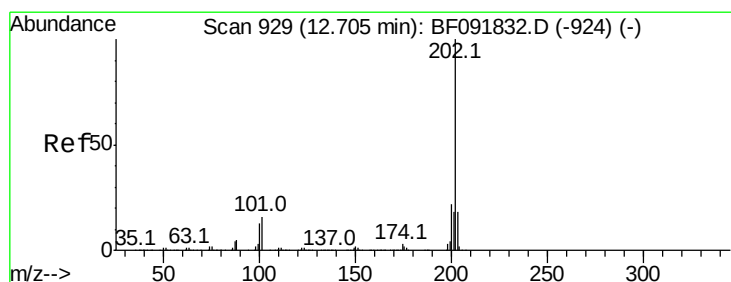
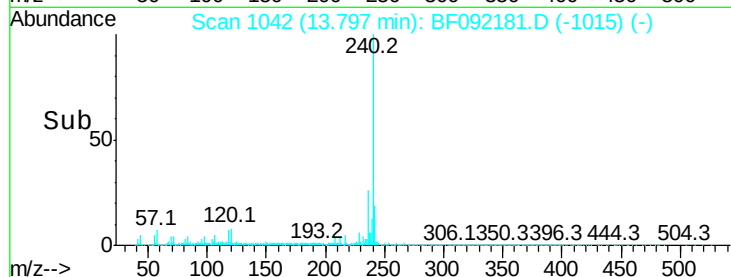
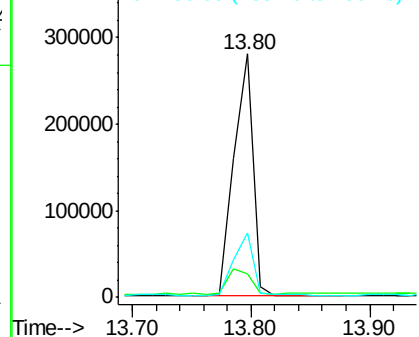
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

Instrument :
BNA_F
ClientSampleId :
RAP-SP4RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.9	19.3#
236	26.5	20.9	31.3

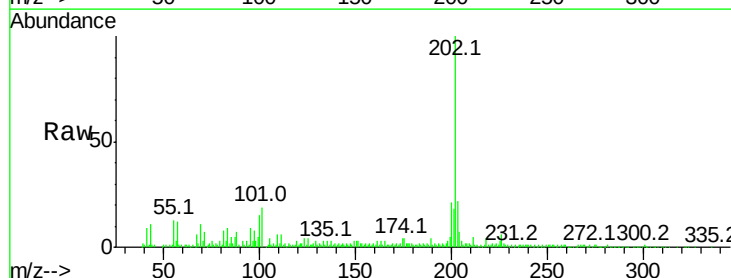


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

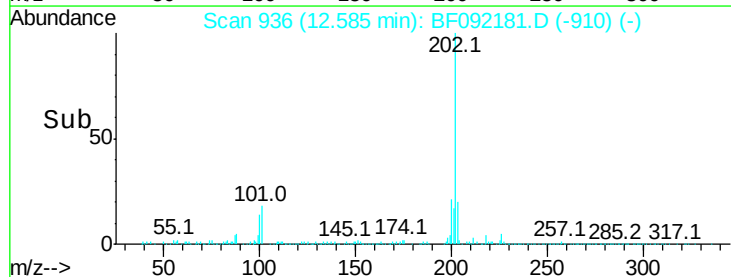
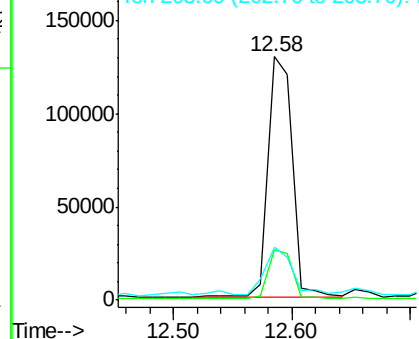


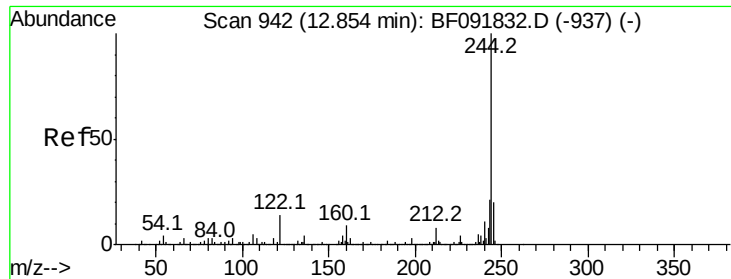
#77
Pyrene
Concen: 8.13 ng
RT: 12.58 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092181.D
Acq: 10 Jan 2017 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	21.7	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

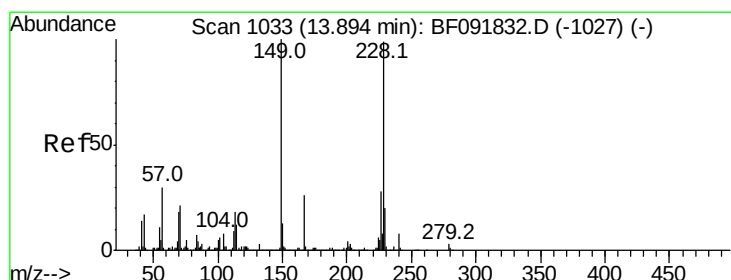
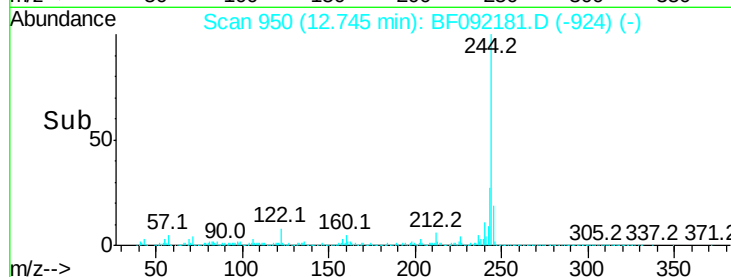
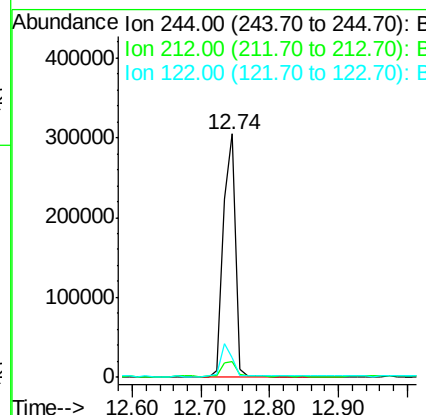
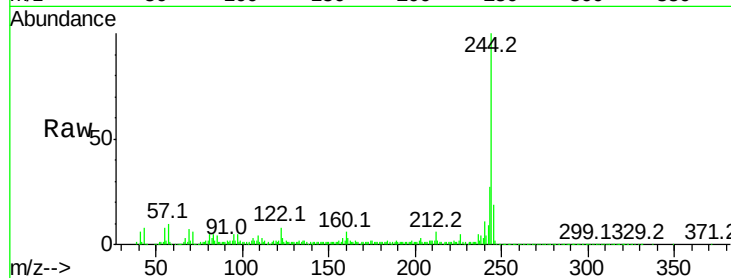




#78
 Terphenyl-d14
 Concen: 29.40 ng
 RT: 12.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092181.D
 Acq: 10 Jan 2017 14:54

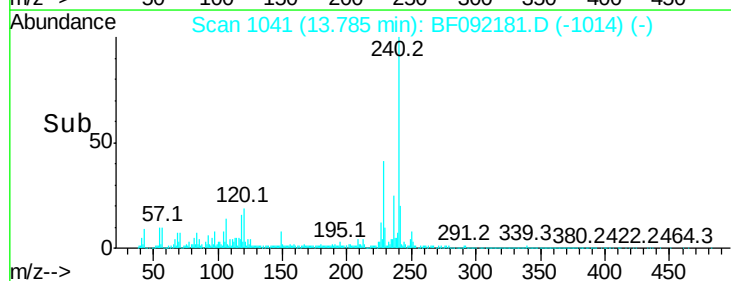
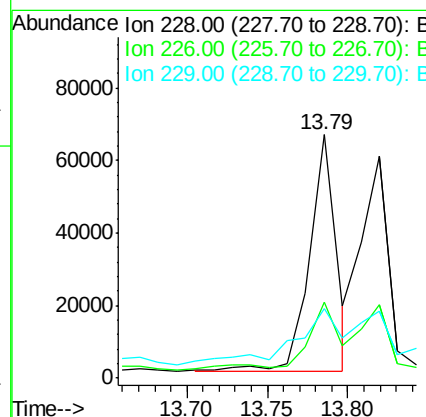
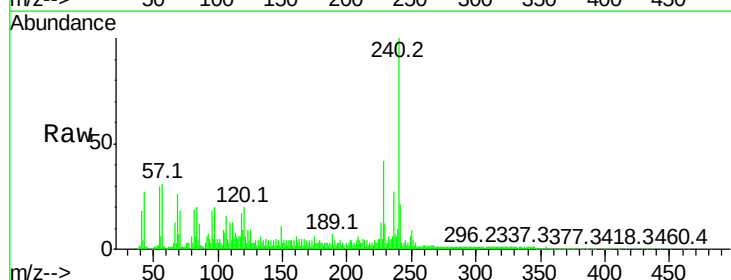
Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP4RE

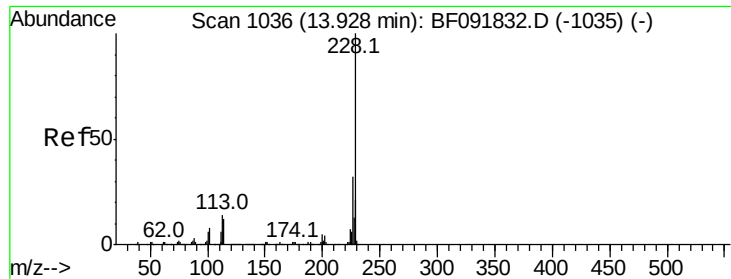
Tot Ion:244 Resp: 377751
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.2
 122 7.9 11.4 17.2#



#80
 Benzo(a)anthracene
 Concen: 4.35 ng m
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF092181.D
 Acq: 10 Jan 2017 14:54

Tgt Ion:228 Resp: 76445
 Ion Ratio Lower Upper
 228 100
 226 31.1 22.4 33.6
 229 28.4 16.2 24.4#





#82

Chrysene

Concen: 4.07 ng/mL

RT: 13.82 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF092181.D

Acq: 10 Jan 2017 14:54

Instrument:

BNA_F

ClientSampleID:

RAP-SP4RE

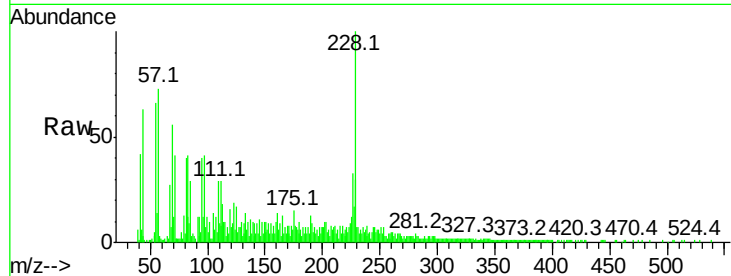
Tot Ion:228 Resp: 71732

Ion Ratio Lower Upper

228 100

226 33.0 25.4 38.0

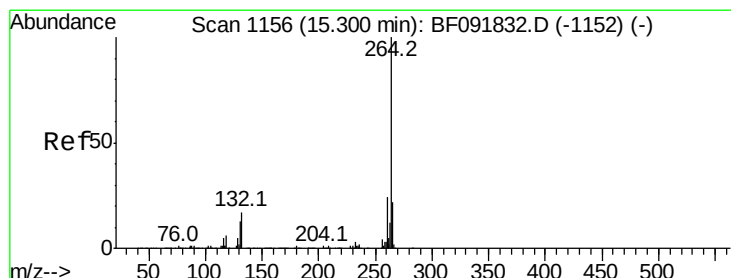
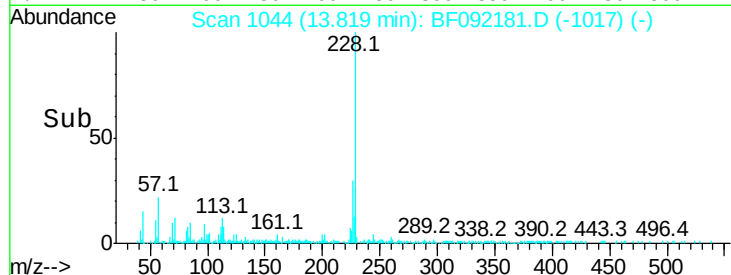
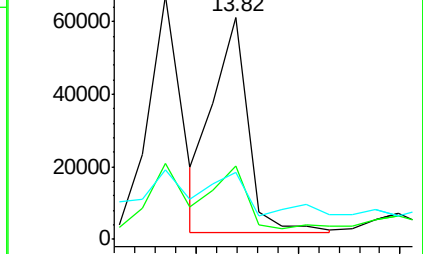
229 30.2 16.2 24.2#



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: 15.18 min Scan# 1163

Delta R.T. 0.03 min

Lab File: BF092181.D

Acq: 10 Jan 2017 14:54

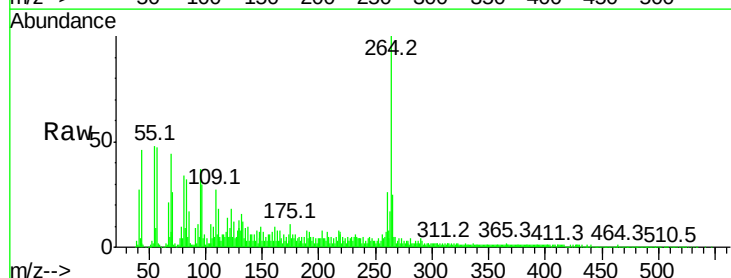
Tgt Ion:264 Resp: 169373

Ion Ratio Lower Upper

264 100

260 26.2 19.2 28.8

265 25.0 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

