

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092732.D
 Acq On : 2 Feb 2017 5:21
 Operator : SJ/MA
 Sample : I1615-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9

Quant Time: Feb 02 06:01:03 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

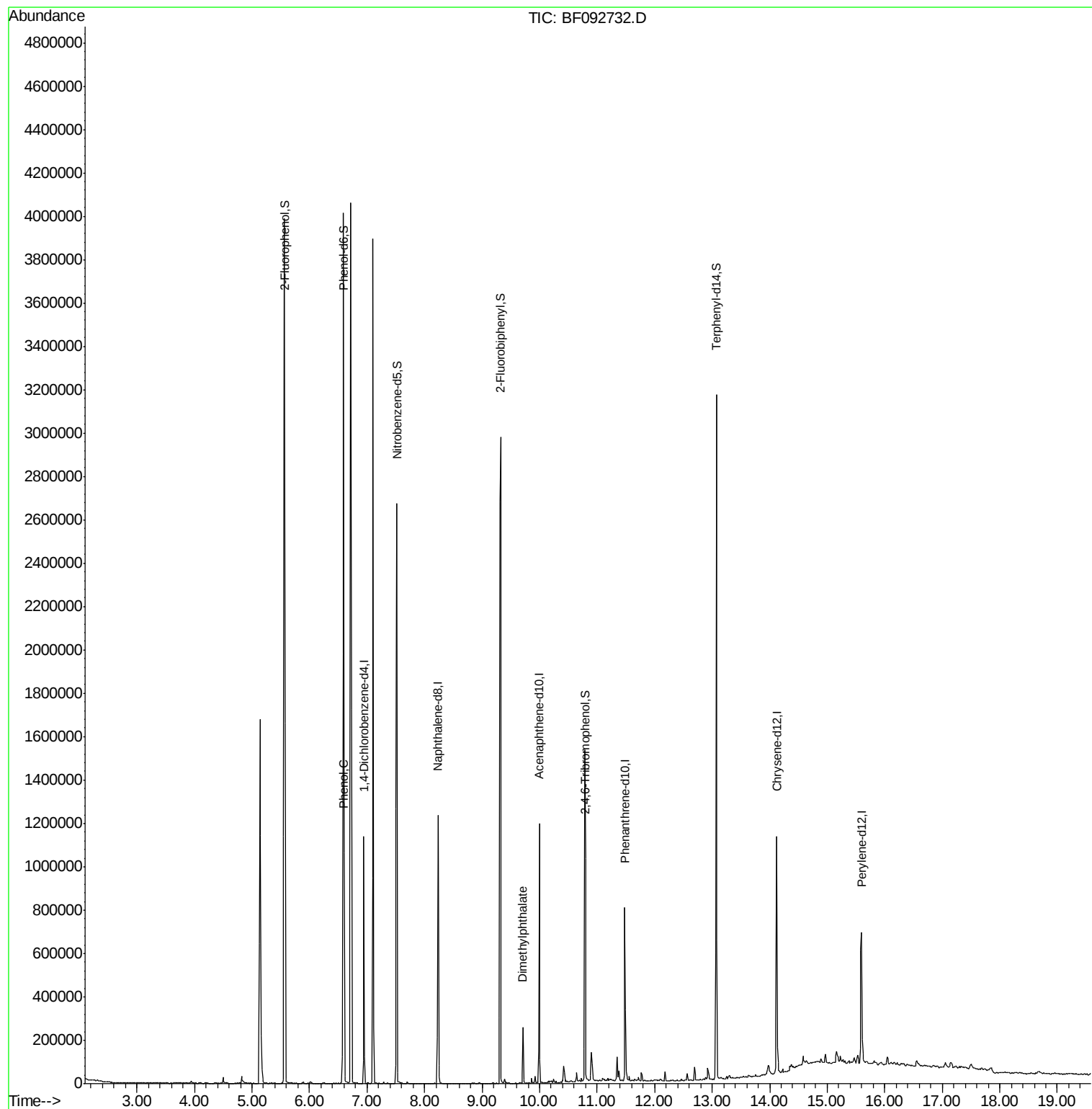
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	152215	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	527942	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	237361	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	323529	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	346259	20.00	ng	-0.02
86) Perylene-d12	15.60	264	317216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1346265	151.74	ng	-0.01
7) Phenol-d6	6.59	99	1552975	136.04	ng	-0.01
23) Nitrobenzene-d5	7.52	82	953128	100.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	242042	140.99	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1441356	110.01	ng	-0.01
78) Terphenyl-d14	13.07	244	987365	67.00	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	155198	11.62	ng	Qvalue # 72
49) Dimethylphthalate	9.71	163	98308	6.15	ng	100

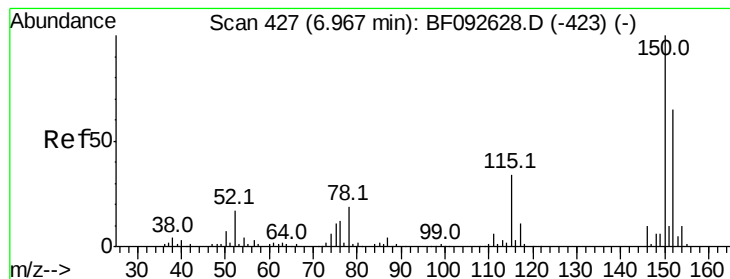
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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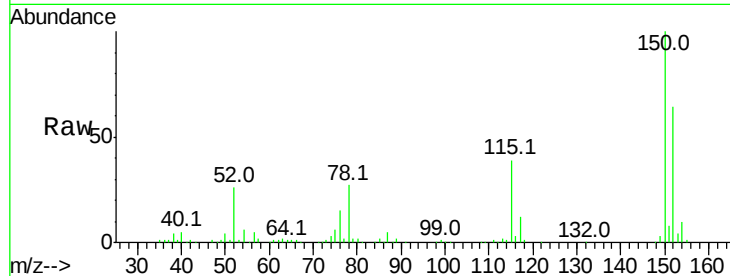


#1

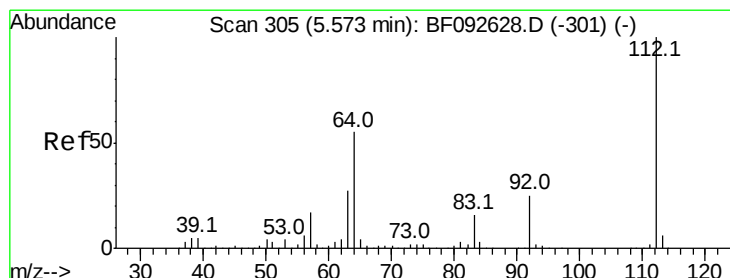
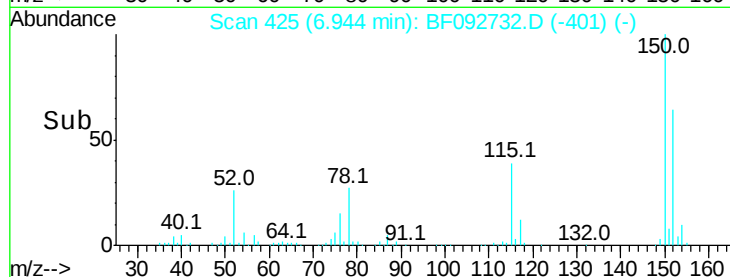
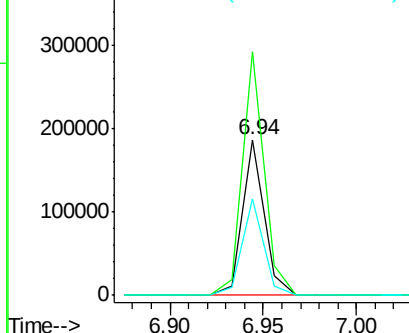
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Instrument :
BNA_F
ClientSampleId :
SS-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	61.7	46.0	69.0



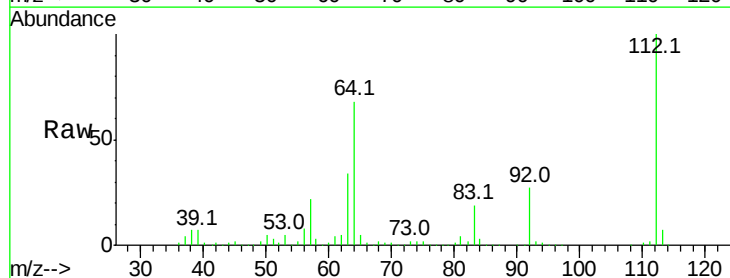
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



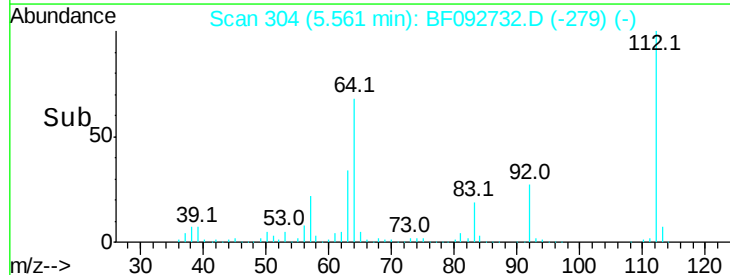
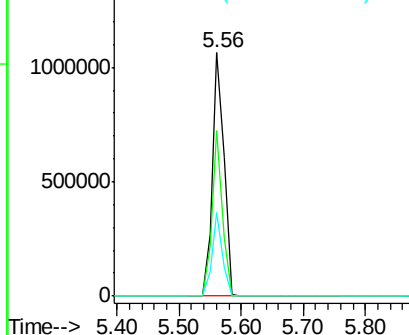
#5

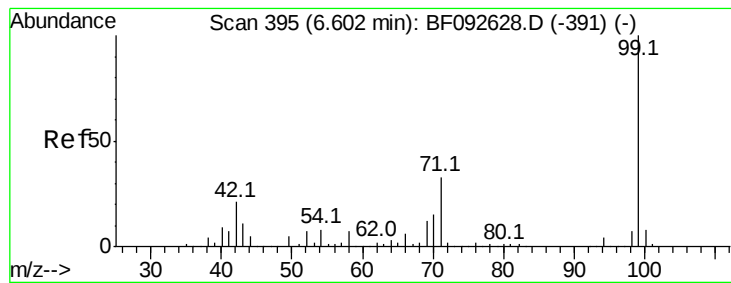
2-Fluorophenol
Concen: 151.74 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	46.1	69.1
63	34.4	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: 136.04 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Instrument :

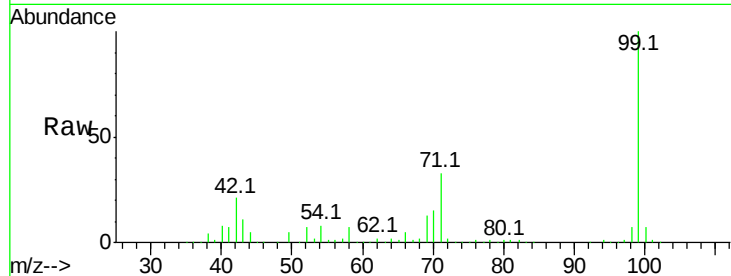
BNA_F

ClientSampleId :

SS-9

Tot Ion: 99 Resp: 1552975

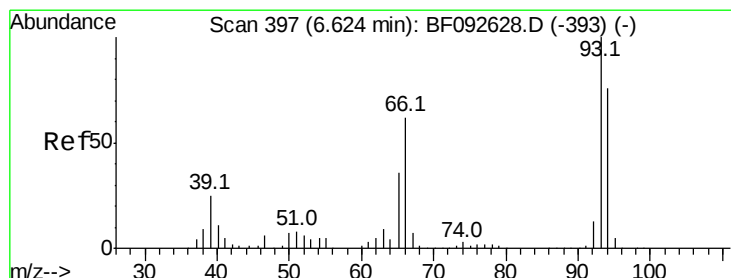
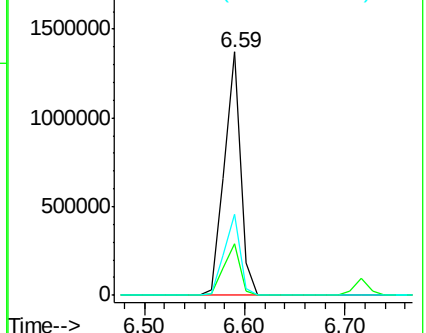
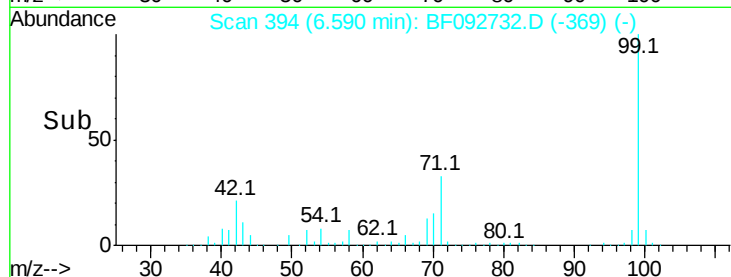
Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.6	23.4
71	33.4	27.5	41.3



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: 11.62 ng

RT: 6.60 min Scan# 395

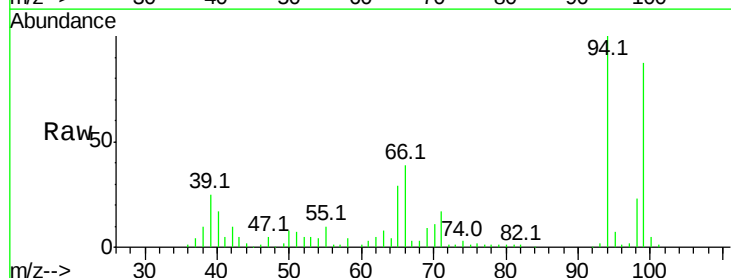
Delta R.T. -0.02 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Tgt Ion: 94 Resp: 155198

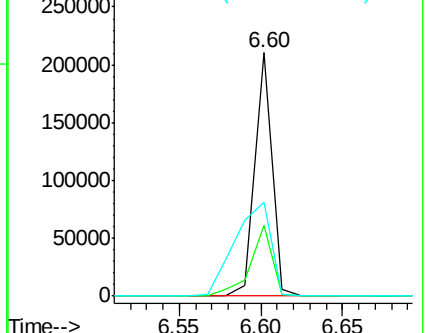
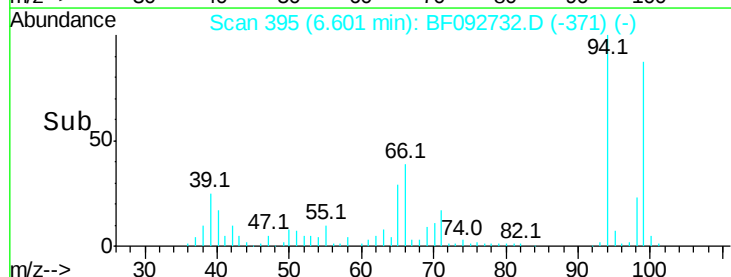
Ion	Ratio	Lower	Upper
94	100		
65	28.9	21.4	61.4
66	38.6	44.0	84.0#



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

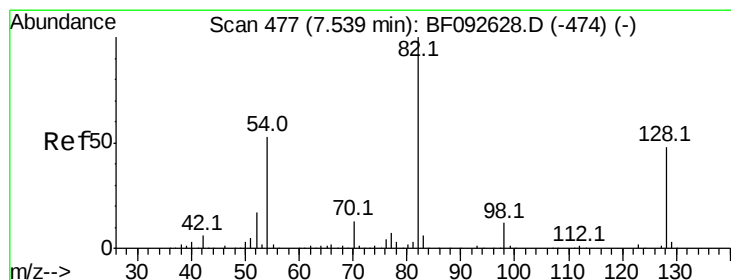
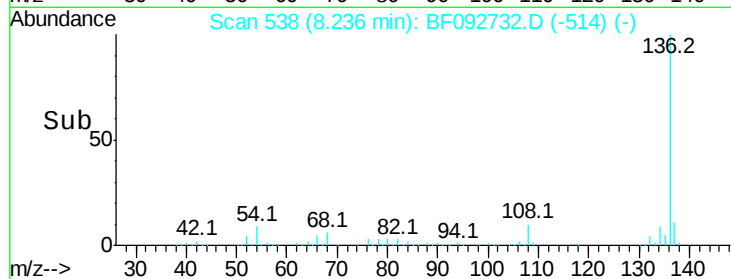
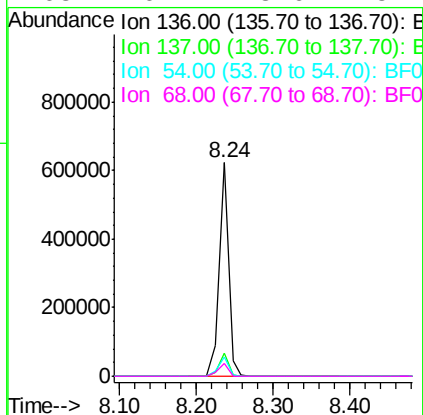
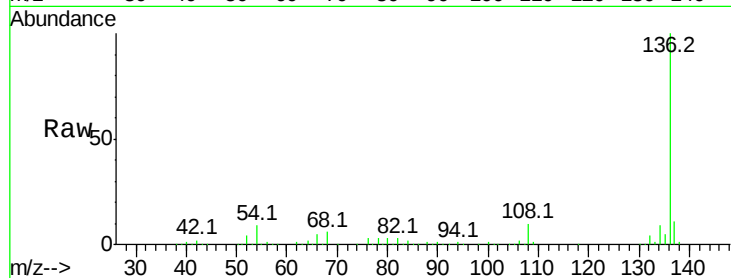




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

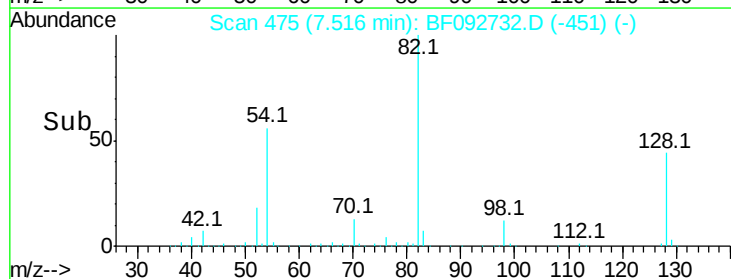
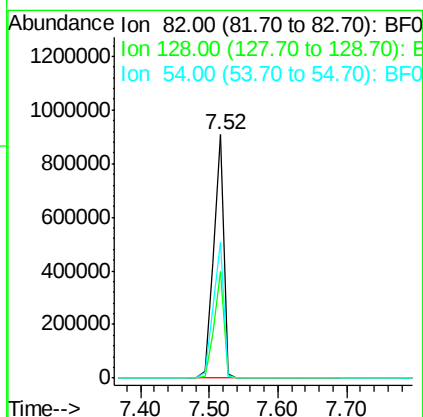
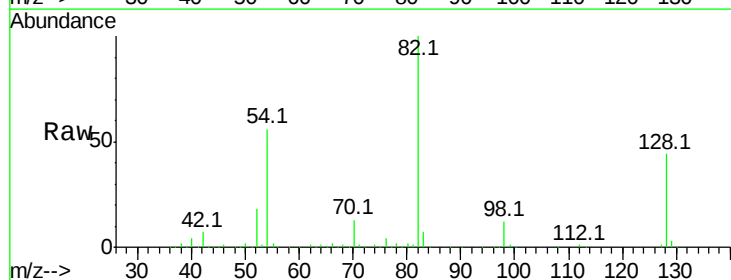
Instrument :
BNA_F
ClientSampleID :
SS-9

Tot Ion:136	Resp: 527942
Ion Ratio	Lower Upper
136 100	
137 10.9	8.4 12.6
54 9.1	4.5 6.7#
68 6.2	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 100.54 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Tgt Ion: 82	Resp: 953128
Ion Ratio	Lower Upper
82 100	
128 43.9	34.6 52.0
54 56.1	39.5 59.3

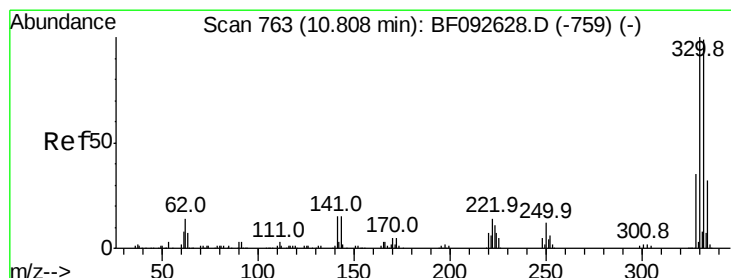
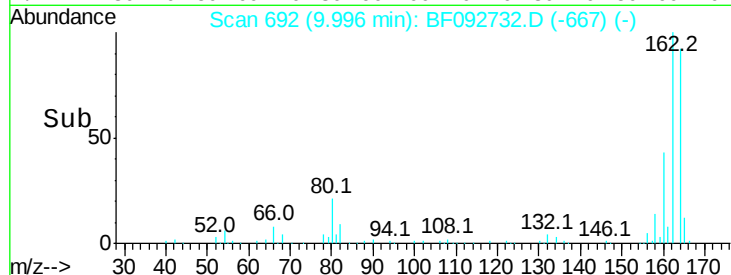
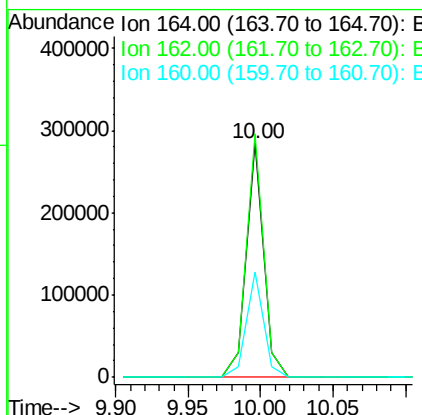
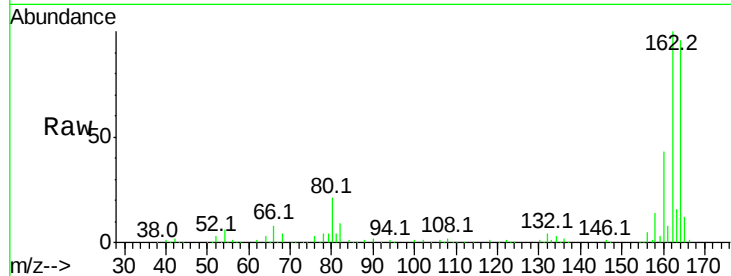




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

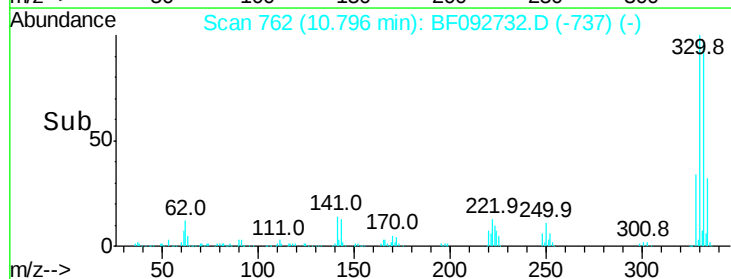
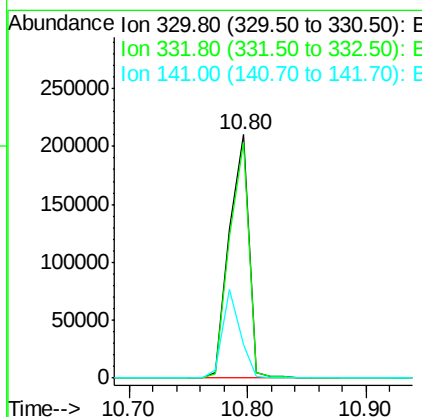
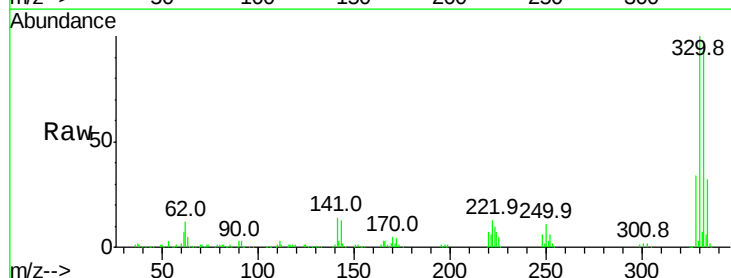
Instrument :
BNA_F
ClientSampleId :
SS-9

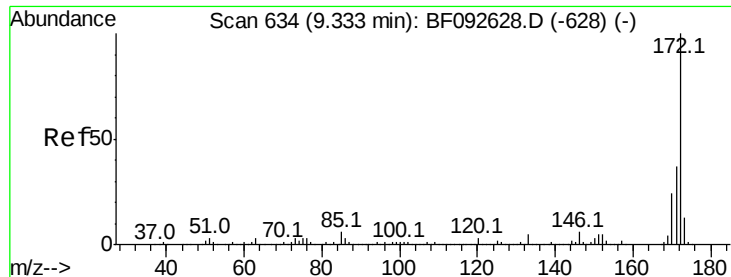
Tot Ion:164 Resp: 237361
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 45.0 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 140.99 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Tgt Ion:330 Resp: 242042
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 32.8 34.1 51.1#





#44

2-Fluorobiphenyl

Concen: 110.01 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Instrument :

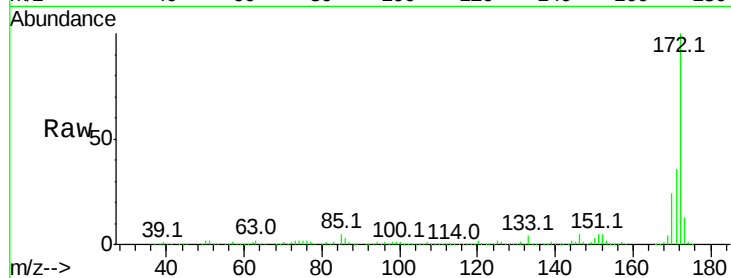
BNA_F

ClientSampleId :

SS-9

Tot Ion:172 Resp: 1441356

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.0	20.2	30.4

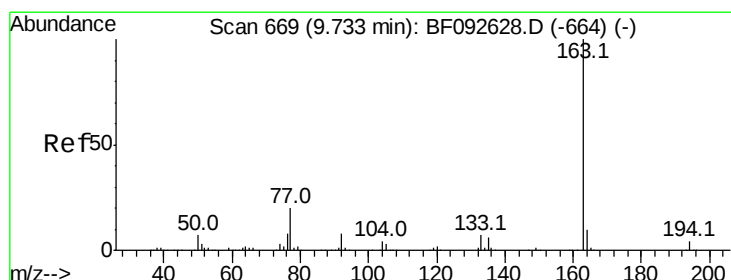
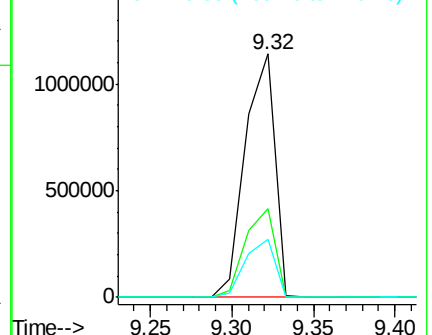
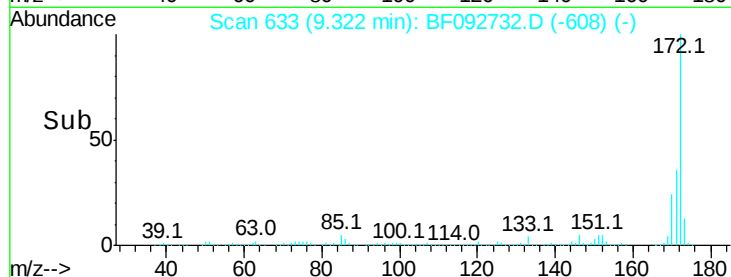


Abundance

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: 6.15 ng

RT: 9.71 min Scan# 667

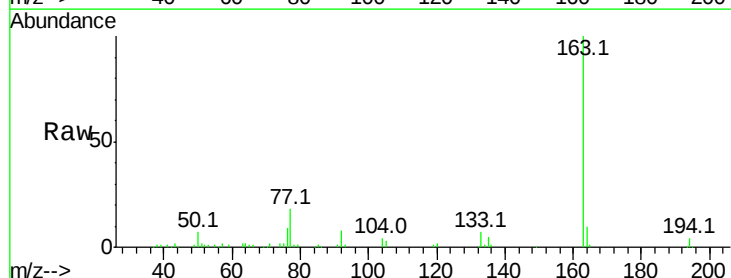
Delta R.T. -0.02 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Tgt Ion:163 Resp: 98308

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.8	8.0	12.0

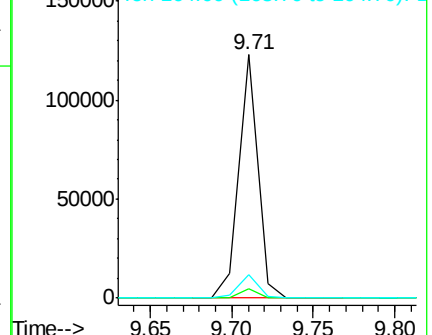
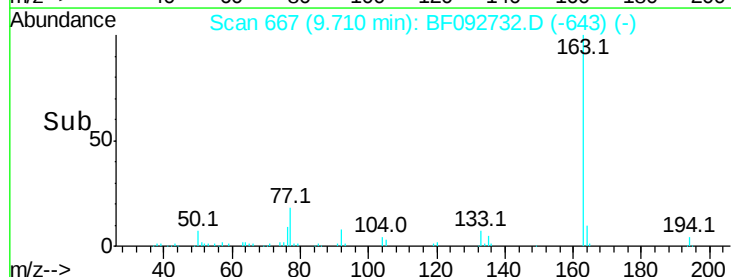


Abundance

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

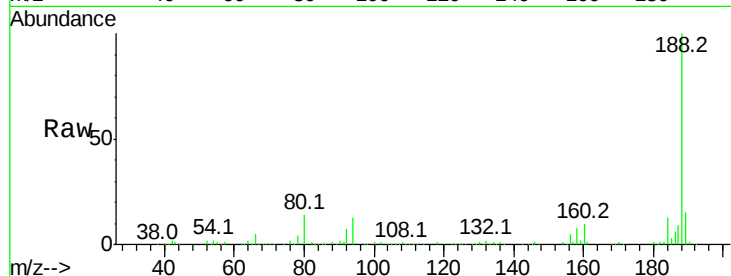




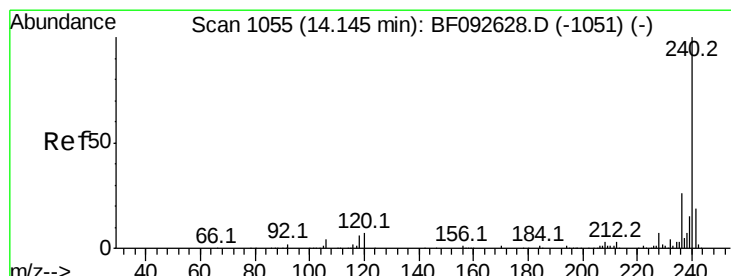
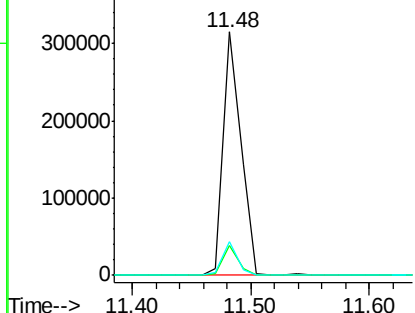
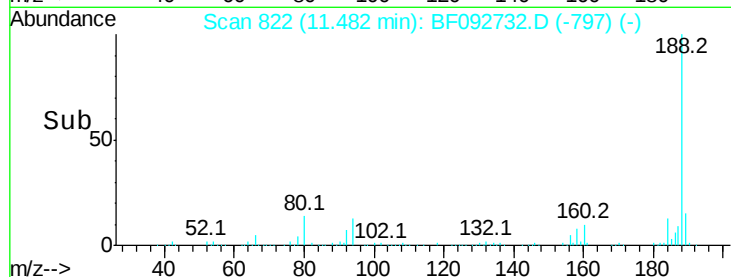
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Instrument :
BNA_F
ClientSampleId :
SS-9

Tot Ion:188 Resp: 323529
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 13.6 11.2 16.8

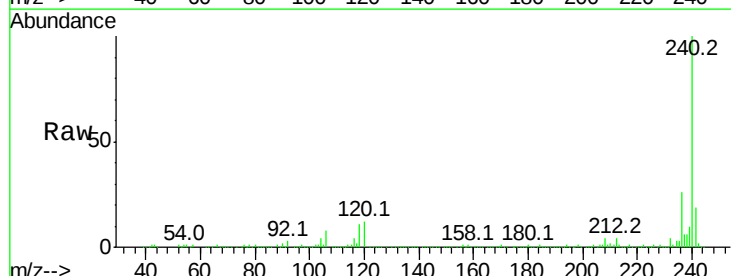


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

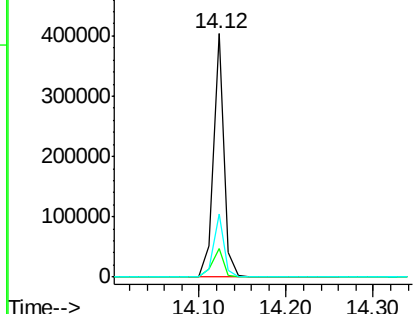
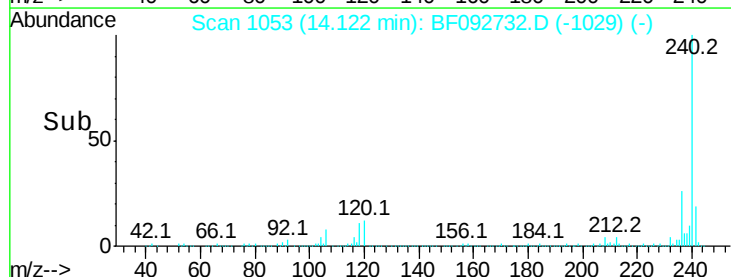


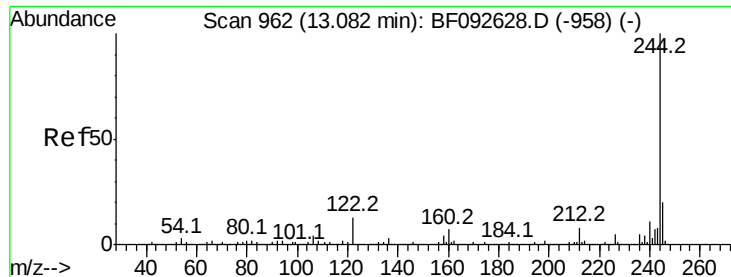
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Tgt Ion:240 Resp: 346259
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 25.9 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





#78

Terphenyl-d14

Concen: 67.00 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Instrument :

BNA_F

ClientSampleId :

SS-9

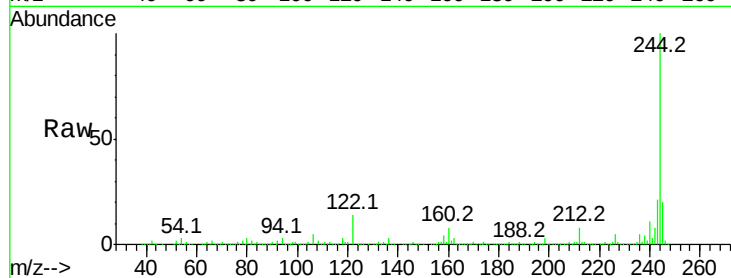
Tot Ion:244 Resp: 987365

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

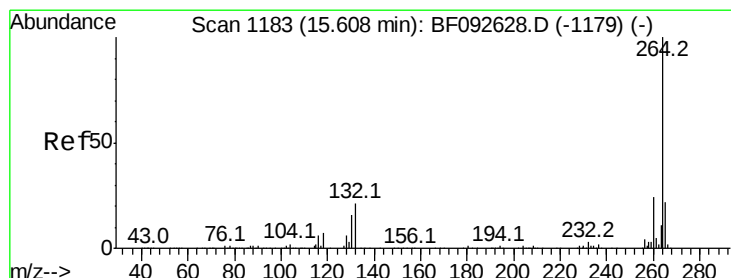
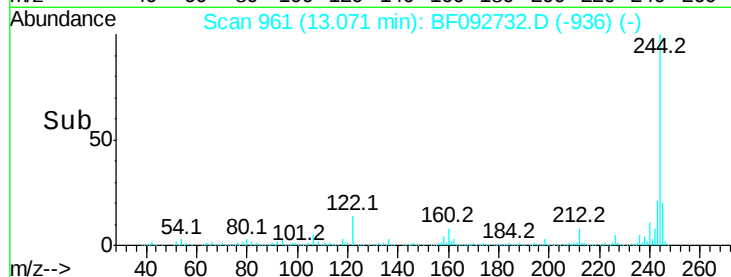
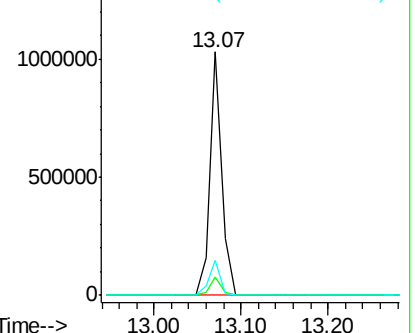
122 14.1 11.4 17.2



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: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

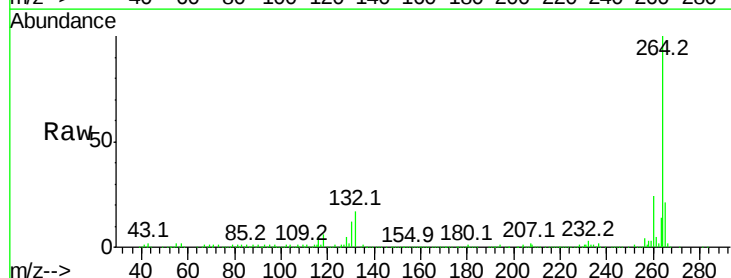
Tgt Ion:264 Resp: 317216

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

