

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095241.D
 Acq On : 19 May 2017 1:17
 Operator : SJ/MA
 Sample : I3189-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 04:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

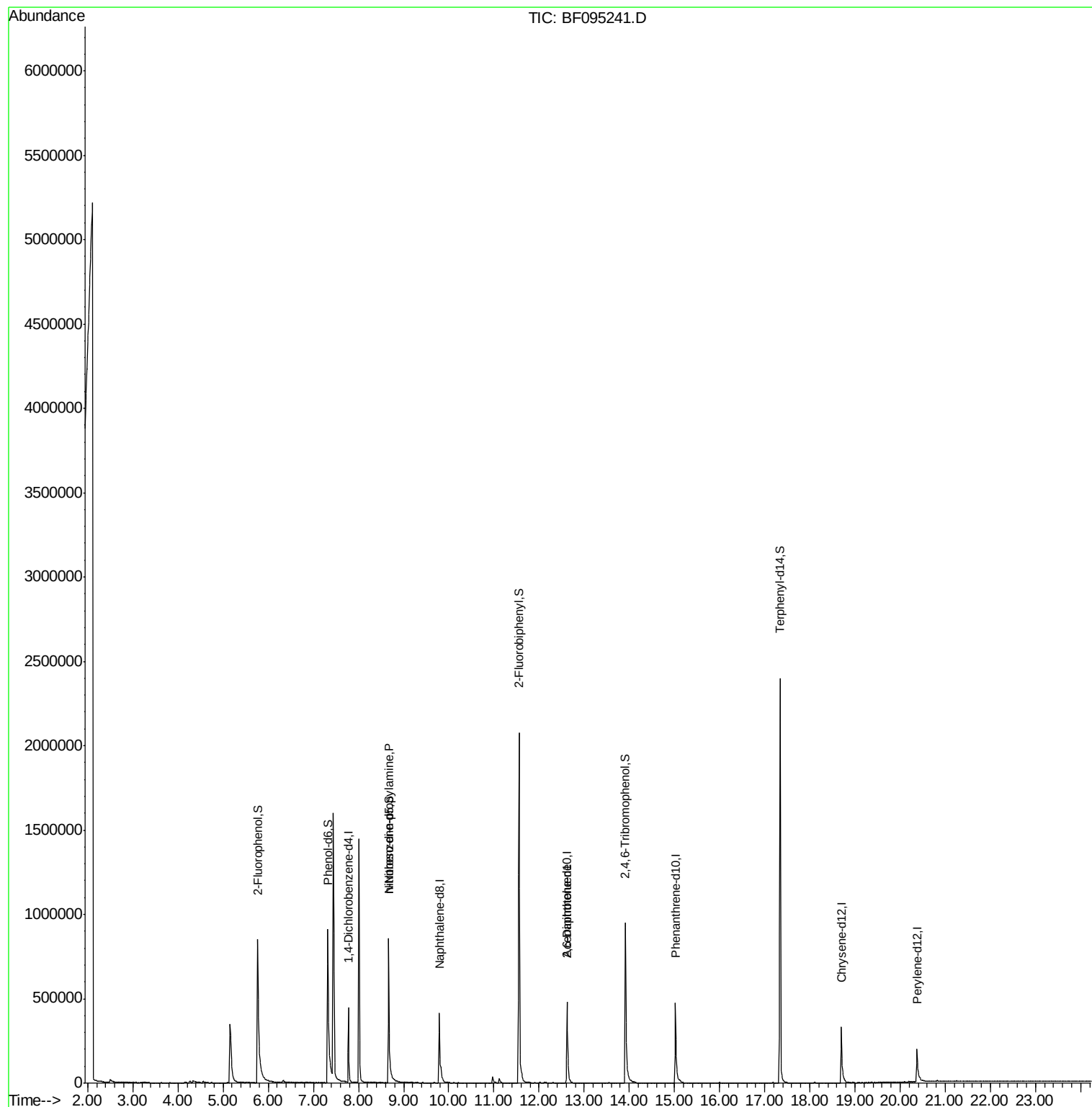
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	101339	20.00	ng	0.01
21) Naphthalene-d8	9.79	136	401710	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	193611	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	368383	20.00	ng	0.00
75) Chrysene-d12	18.69	240	243057	20.00	ng	0.00
86) Perylene-d12	20.38	264	151112	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	670036	110.23	ng	0.03
7) Phenol-d6	7.32	99	759349	104.12	ng	0.00
23) Nitrobenzene-d5	8.67	82	514439	80.75	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	220754	139.22	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1106332	82.25	ng	0.00
78) Terphenyl-d14	17.34	244	1032287	93.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	60789	12.32	ng	# 75
50) 2,6-Dinitrotoluene	12.62	165	19559	6.03	ng	# 33

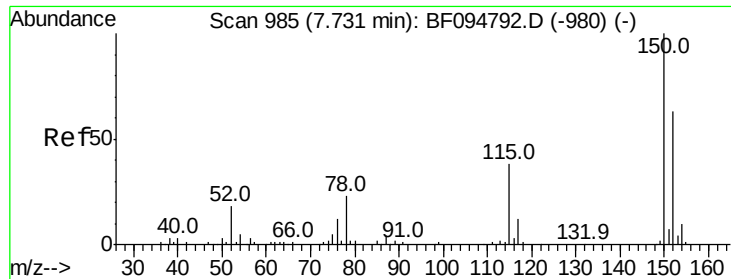
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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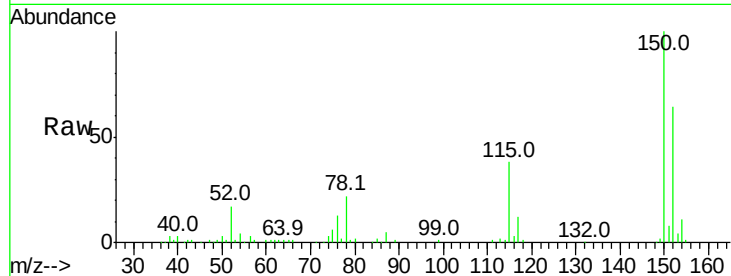


#1

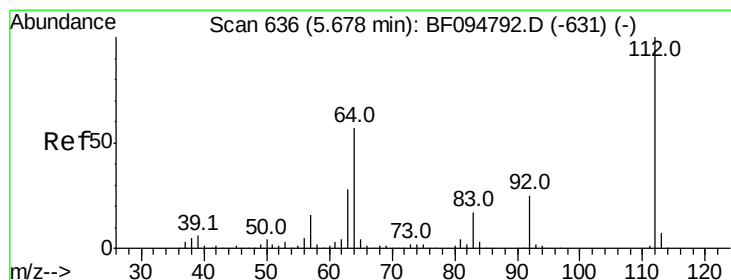
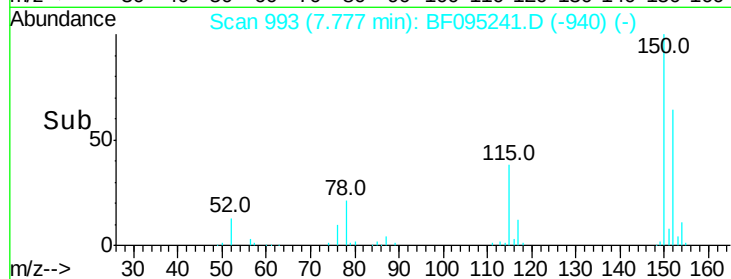
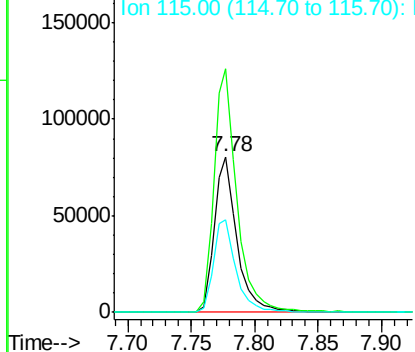
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101339
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 59.3 52.2 78.2



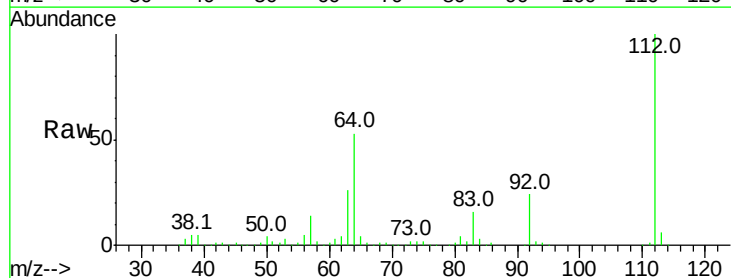
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



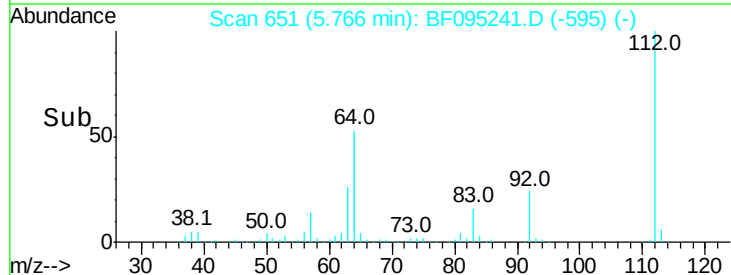
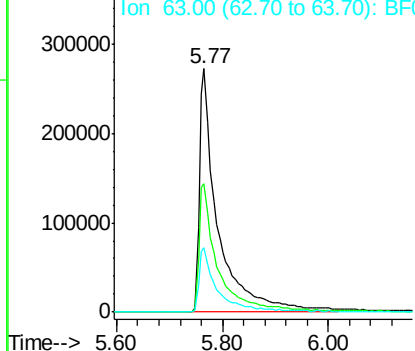
#5

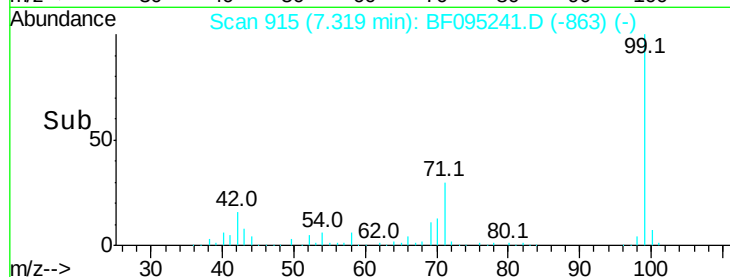
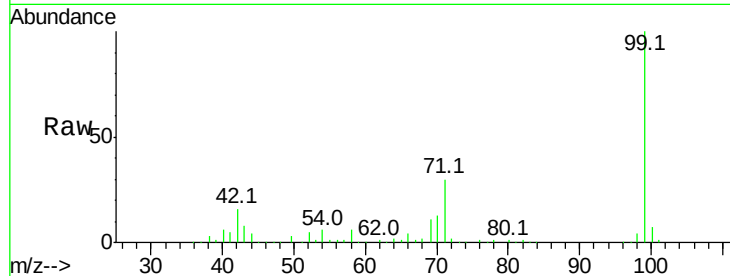
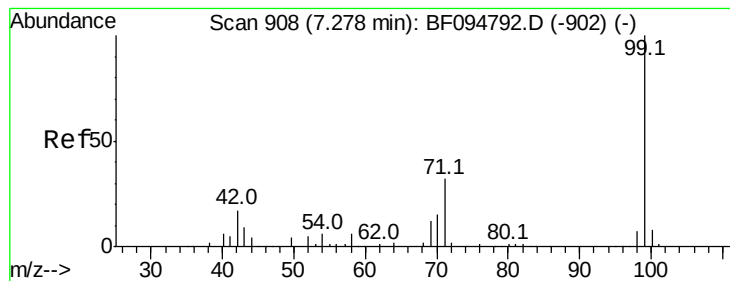
2-Fluorophenol
Concen: 110.23 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.03 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

Tgt Ion:112 Resp: 670036
Ion Ratio Lower Upper
112 100
64 52.7 46.0 69.0
63 26.4 23.4 35.0



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: 104.12 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095241.D

Acq: 19 May 2017 1:17

Instrument :

BNA_F

ClientSampled :

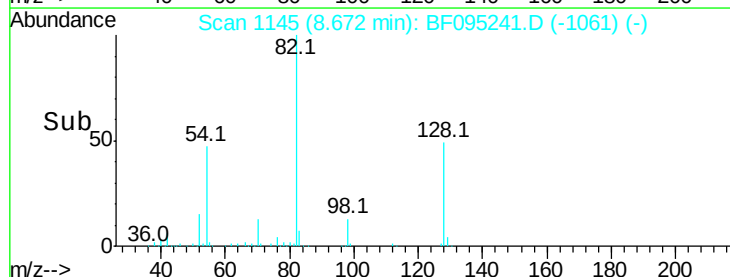
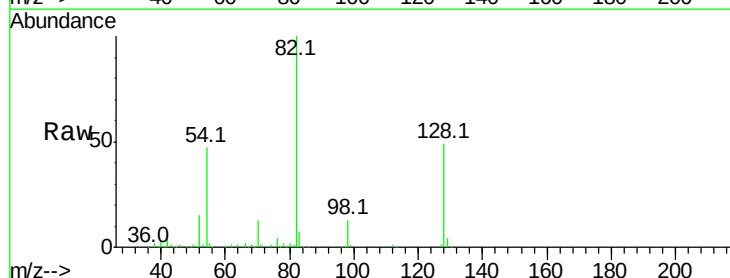
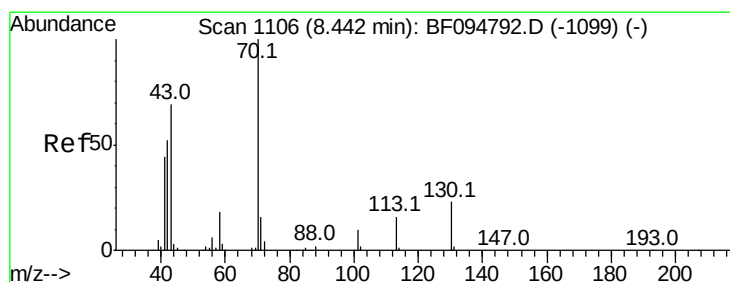
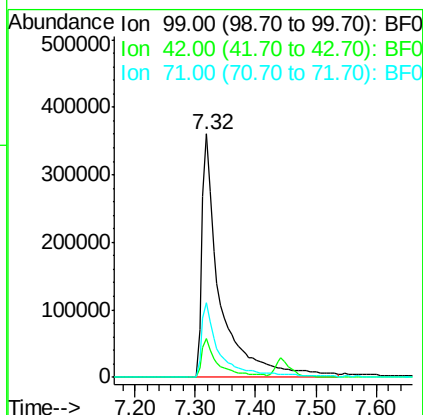
Tot Ion: 99 Resp: 759349

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 30.5 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.32 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.19 min

Lab File: BF095241.D

Acq: 19 May 2017 1:17

Tgt Ion: 70 Resp: 60789

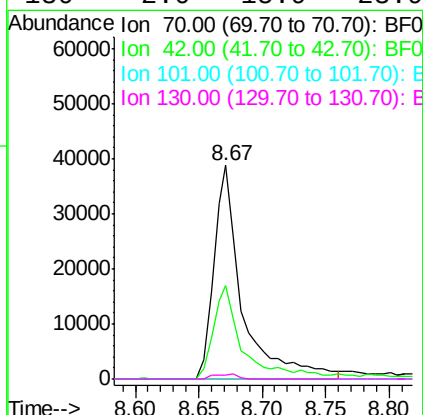
Ion Ratio Lower Upper

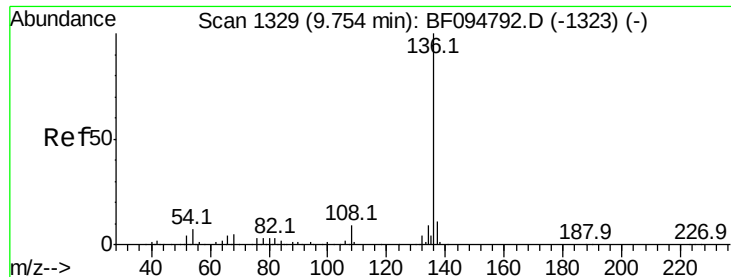
70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

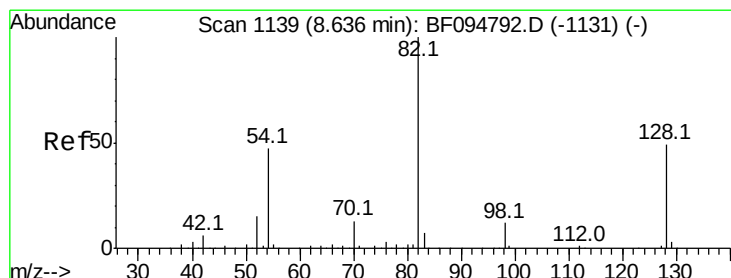
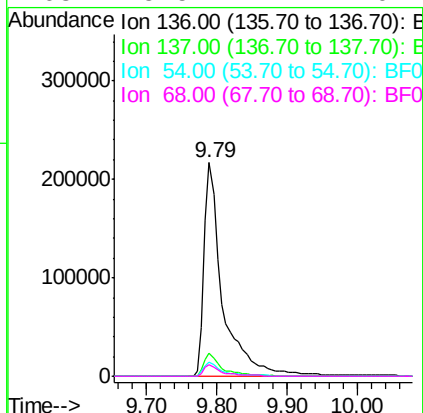
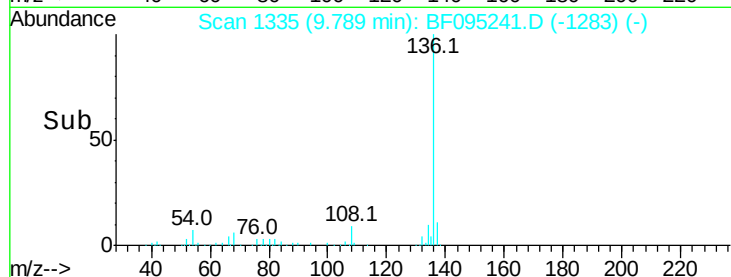
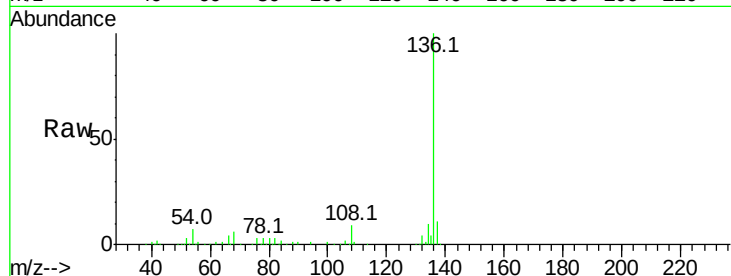




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

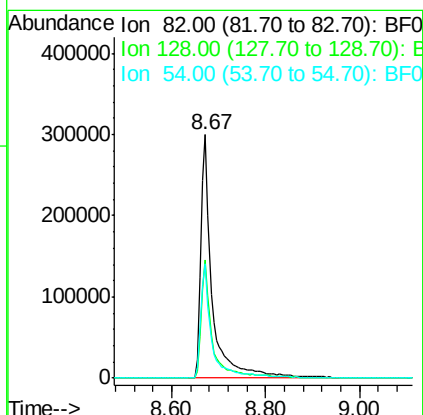
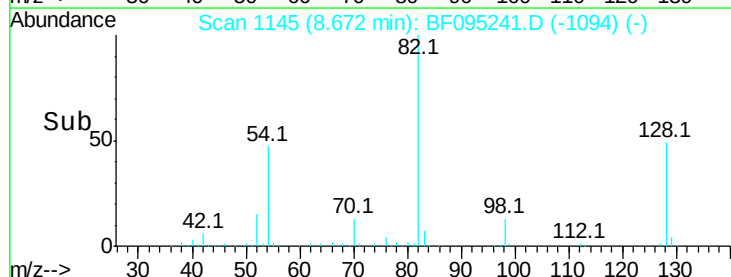
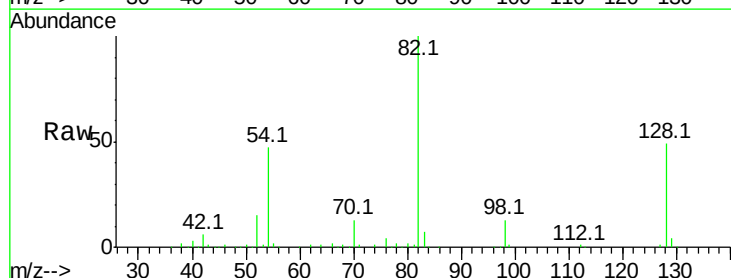
Instrument :
BNA_F
ClientSampleId :

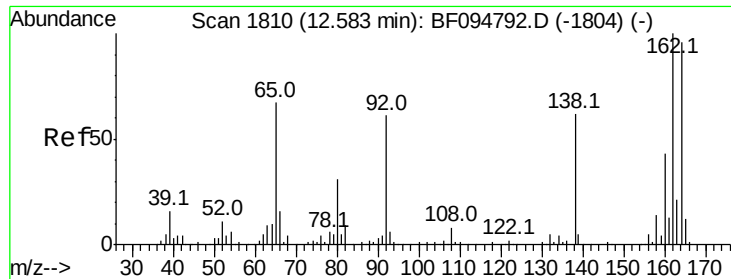
Tot Ion:136	Resp:	401710
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.7	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 80.75 ng
RT: 8.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

Tgt Ion: 82	Resp:	514439
Ion Ratio	Lower	Upper
82	100	
128	48.6	34.0 51.0
54	46.9	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BF095241.D

Acq: 19 May 2017 1:17

Instrument :

BNA_F

ClientSampleId :

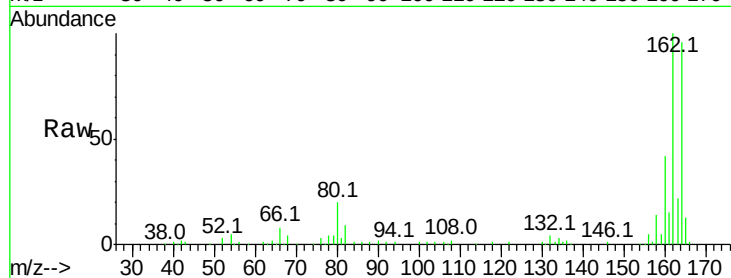
Tot Ion:164 Resp: 193611

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

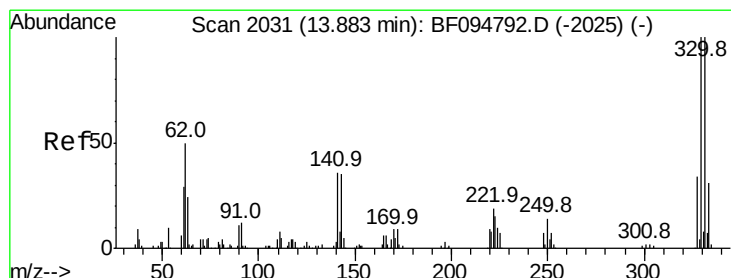
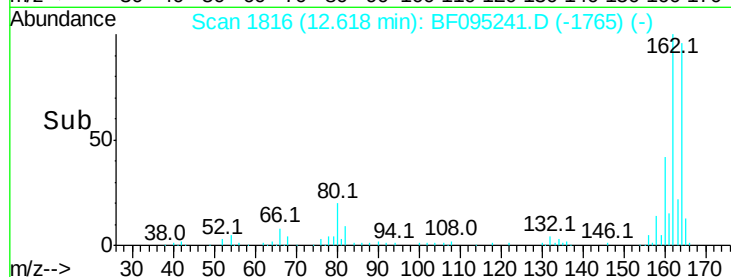
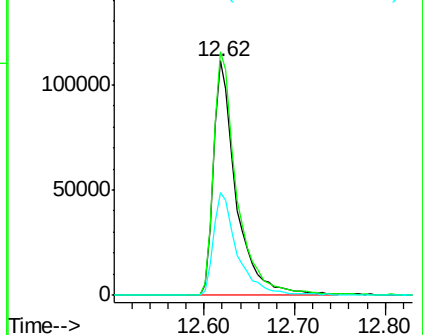
160 44.0 36.2 54.2



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: 139.22 ng

RT: 13.92 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF095241.D

Acq: 19 May 2017 1:17

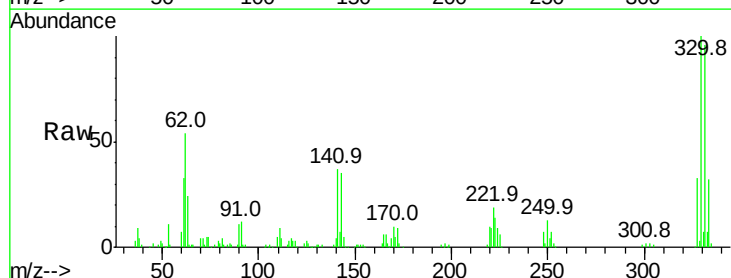
Tgt Ion:330 Resp: 220754

Ion Ratio Lower Upper

330 100

332 93.8 76.6 115.0

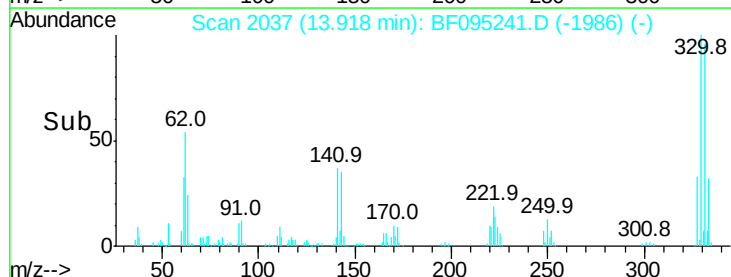
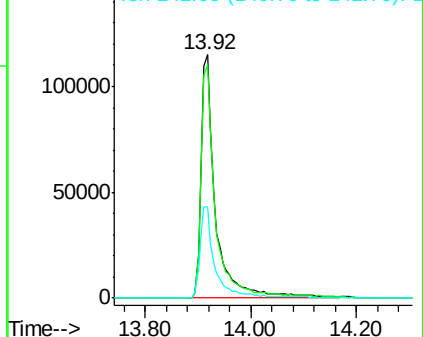
141 38.5 31.4 47.2

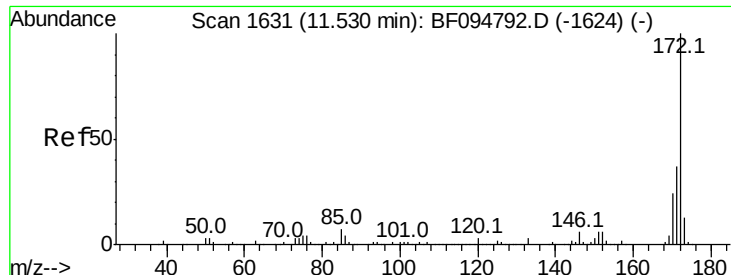


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

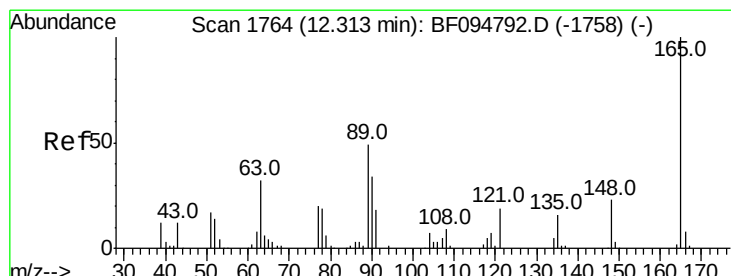
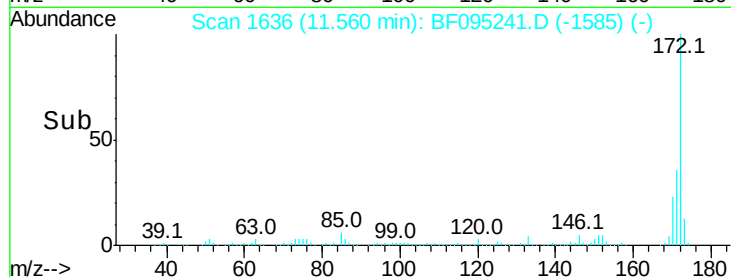
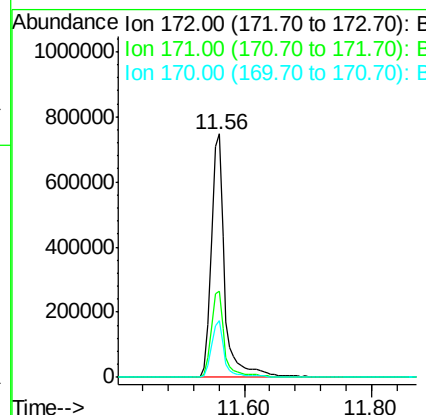
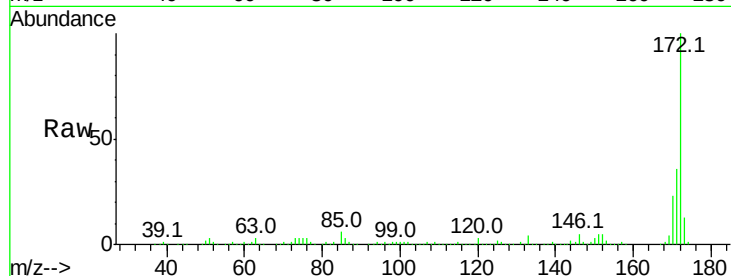




#44
2-Fluorobiphenyl
Concen: 82.25 ng
RT: 11.56 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

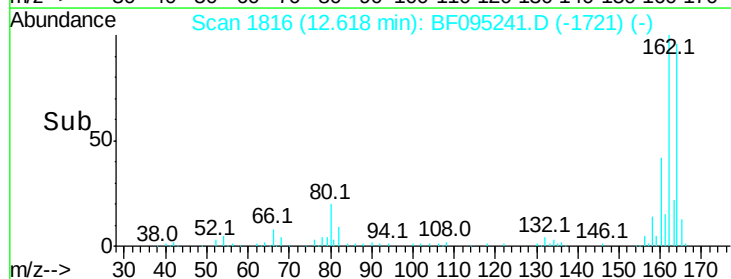
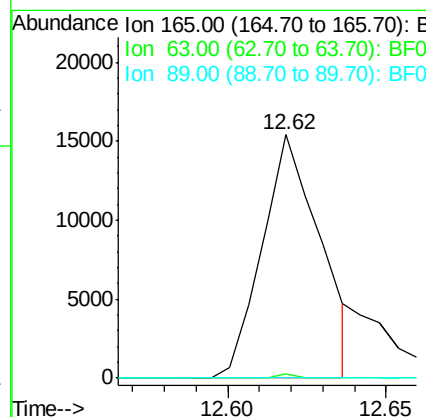
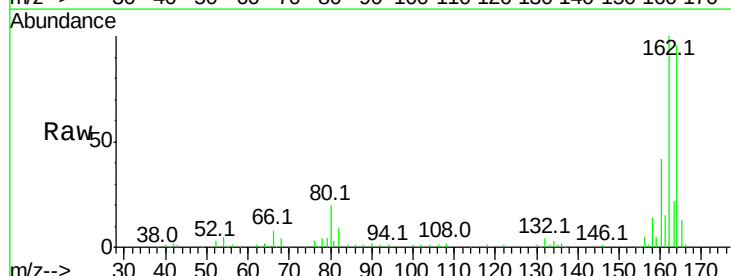
Instrument :
BNA_F
ClientSampled :

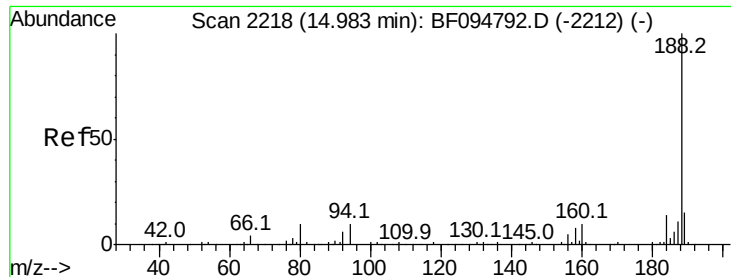
Tot Ion:172 Resp: 1106332
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.5 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 6.03 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.26 min
Lab File: BF095241.D
Acq: 19 May 2017 1:17

Tgt Ion:165 Resp: 19559
Ion Ratio Lower Upper
165 100
63 2.0 34.3 51.5#
89 0.0 37.1 55.7#

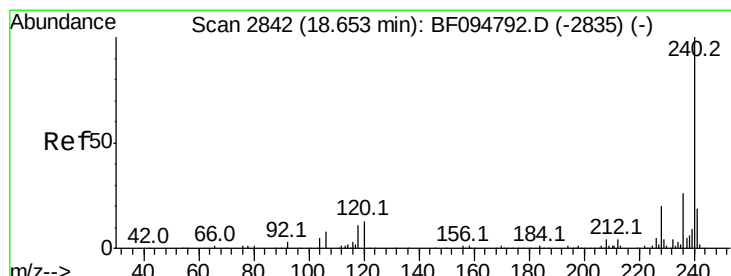
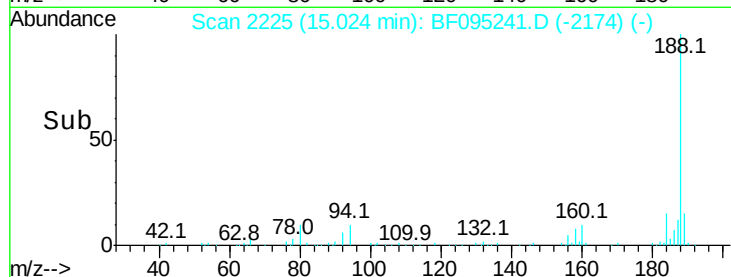
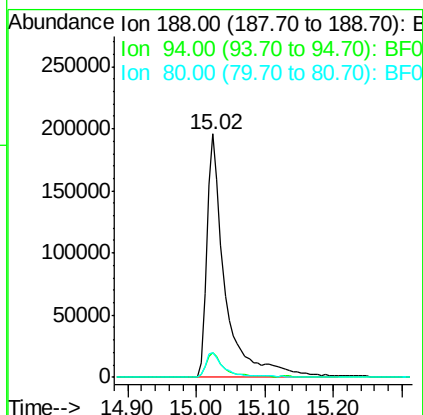
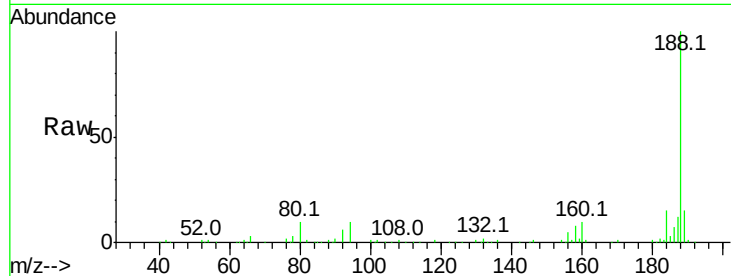




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

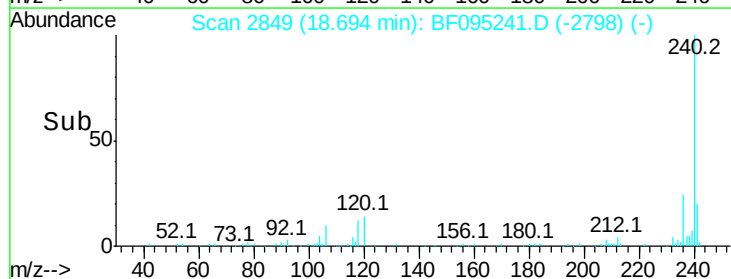
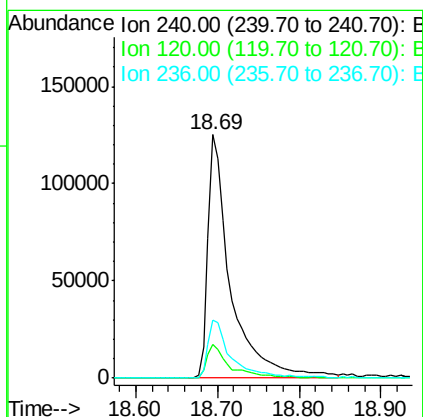
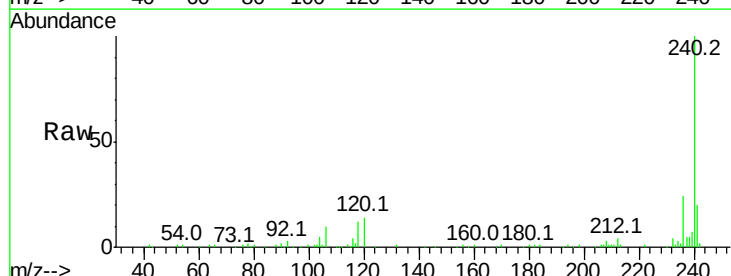
Instrument :
 BNA_F
 ClientSampleId :

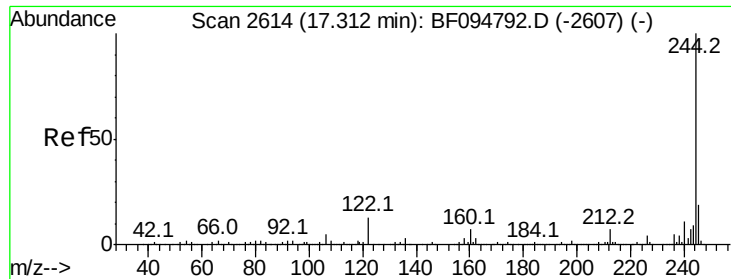
Tot Ion:188 Resp: 368383
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.4 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Tgt Ion:240 Resp: 243057
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 23.7 20.5 30.7



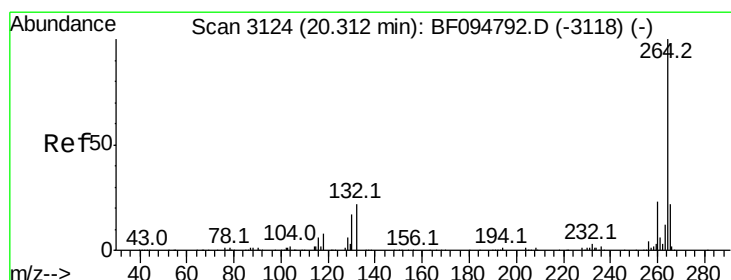
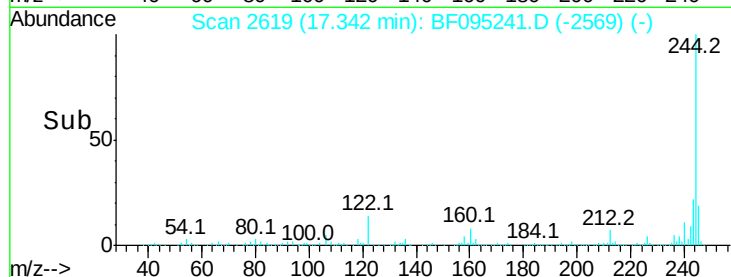
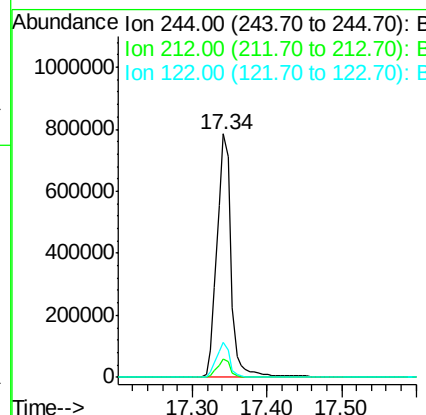
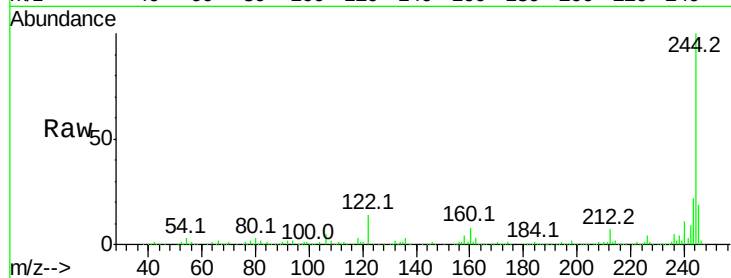


#78
 Terphenyl-d14
 Concen: 93.55 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1032287

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095241.D
 Acq: 19 May 2017 1:17

Tgt Ion:264 Resp: 151112

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.4	17.2	25.8

