

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094595.D
 Acq On : 24 Apr 2017 19:49
 Operator : SJ/MA
 Sample : I2802-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Quant Time: Apr 25 06:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

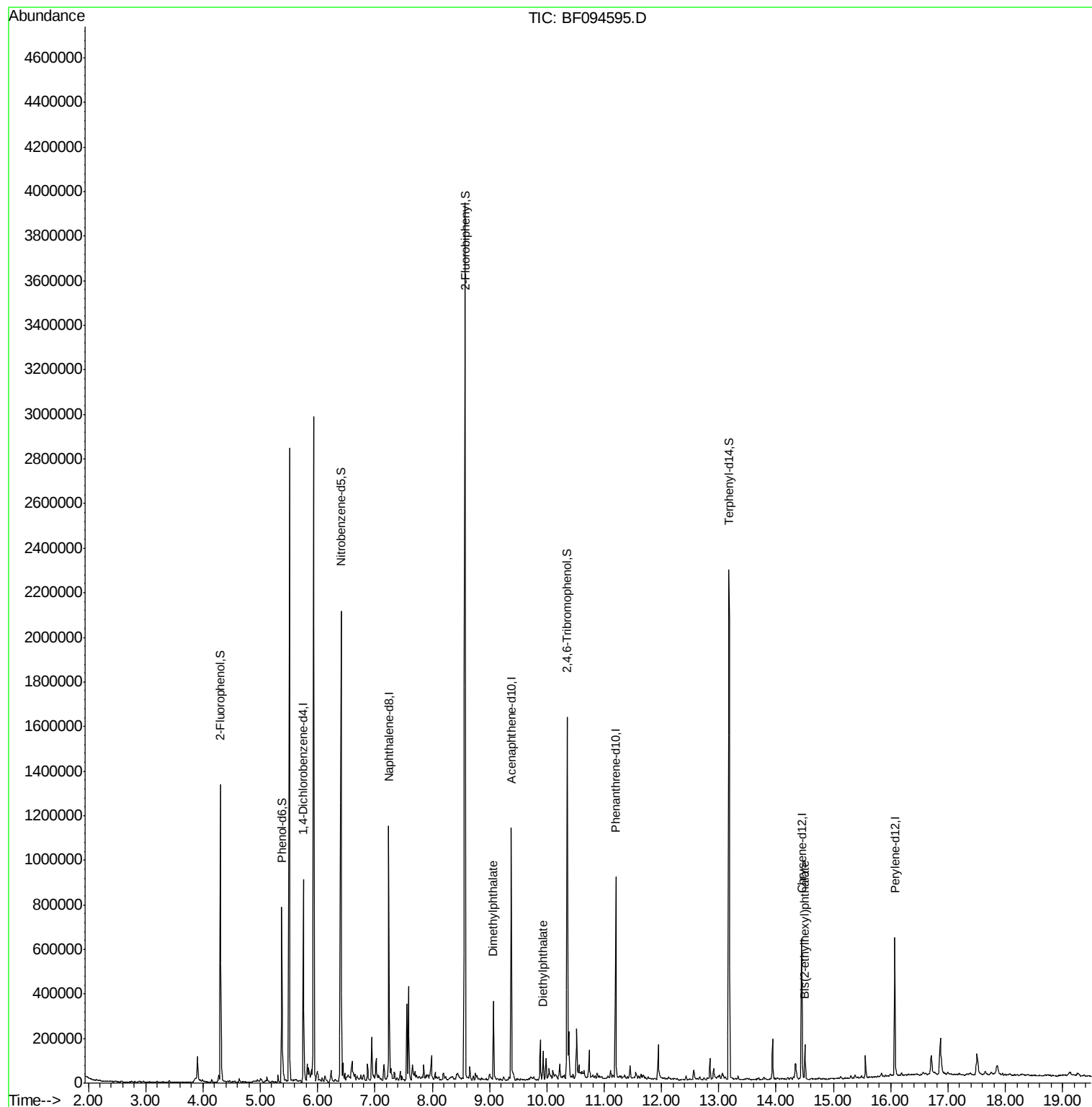
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	147013	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	559766	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	232576	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	366810	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	251204	20.00	ng	-0.02
86) Perylene-d12	16.07	264	234106	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	439177	49.56	ng	0.00
7) Phenol-d6	5.37	99	321670	30.79	ng	-0.02
23) Nitrobenzene-d5	6.41	82	794207	87.61	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	217242	119.42	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1407441	89.04	ng	-0.01
78) Terphenyl-d14	13.18	244	858402	91.34	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.07	163	145555	8.40	ng	99
59) Diethylphthalate	9.94	149	45236	2.77	ng	98
83) Bis(2-ethylhexyl)phthalate	14.51	149	51235	4.96	ng	# 99

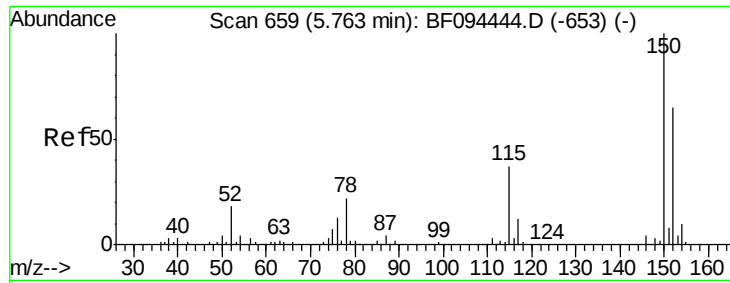
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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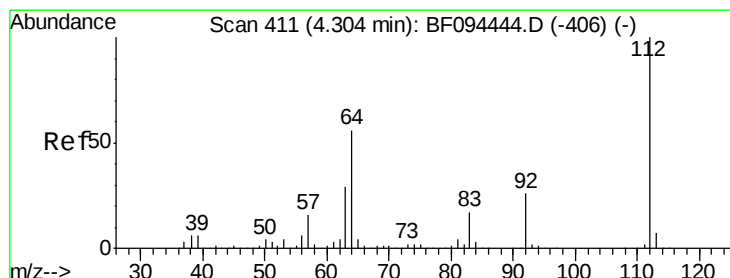
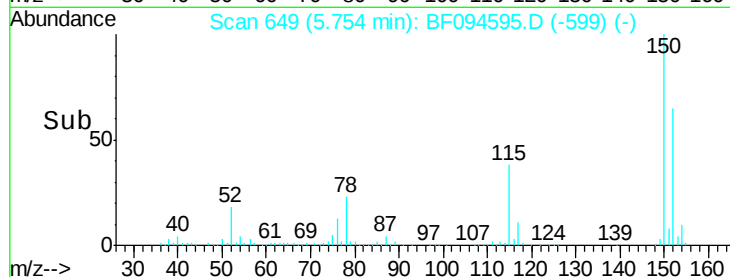
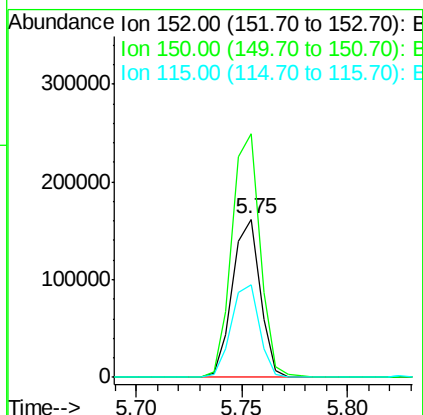
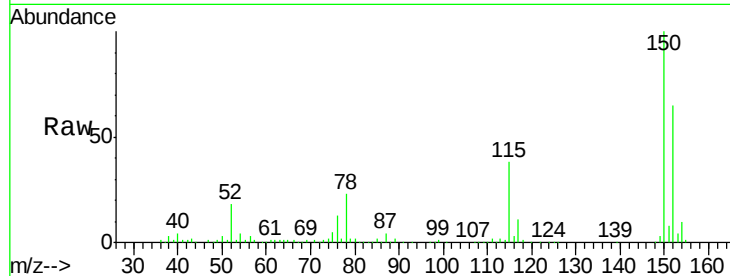


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :
MH-6

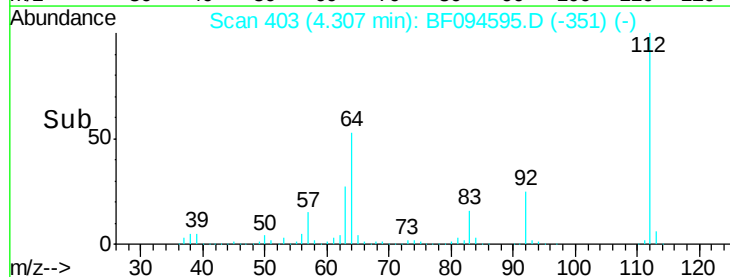
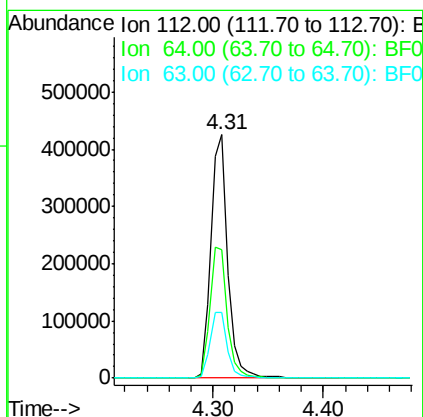
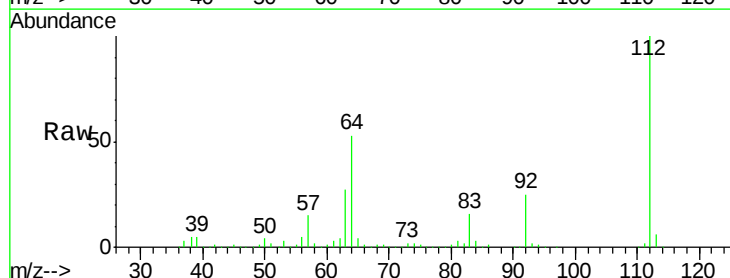
Tot Ion:152 Resp: 147013
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 58.3 52.2 78.2

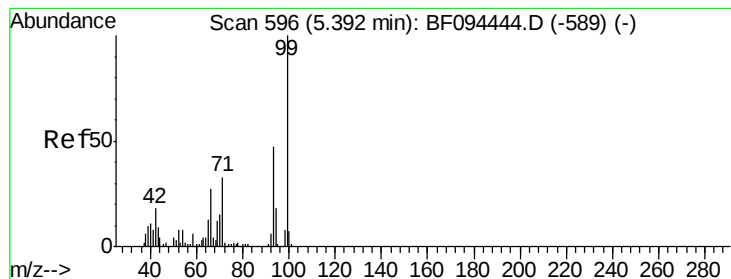


#5

2-Fluorophenol
Concen: 49.56 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Tgt Ion:112 Resp: 439177
Ion Ratio Lower Upper
112 100
64 52.9 46.0 69.0
63 26.7 23.4 35.0





#7

Phenol-d6

Concen: 30.79 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

Instrument :

BNA_F

ClientSampleId :

MH-6

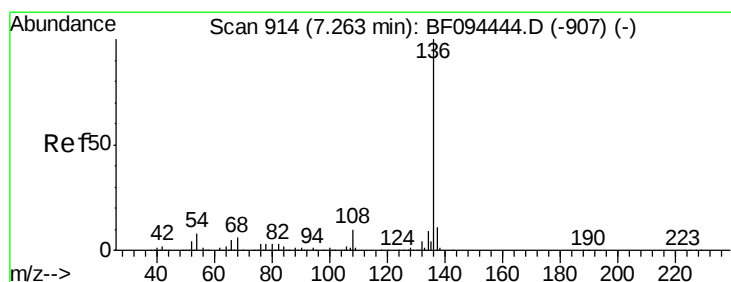
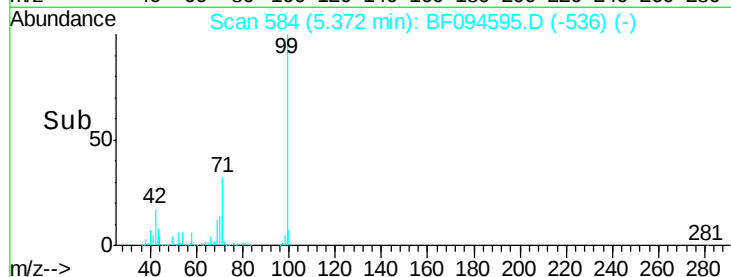
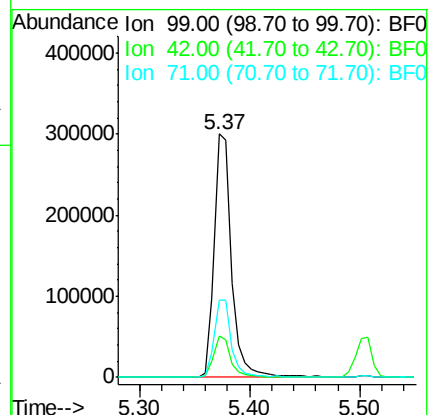
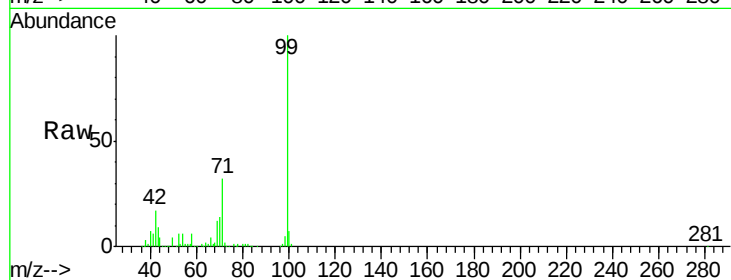
Tot Ion: 99 Resp: 321670

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 31.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094595.D

Acq: 24 Apr 2017 19:49

Tgt Ion: 136 Resp: 559766

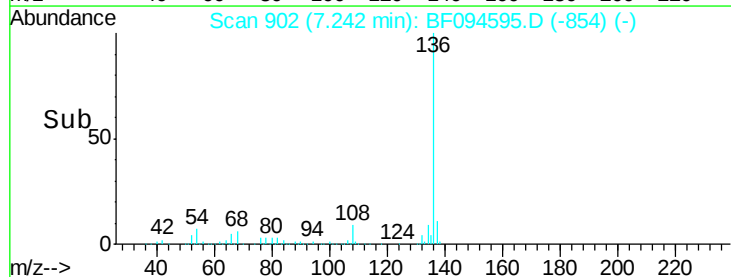
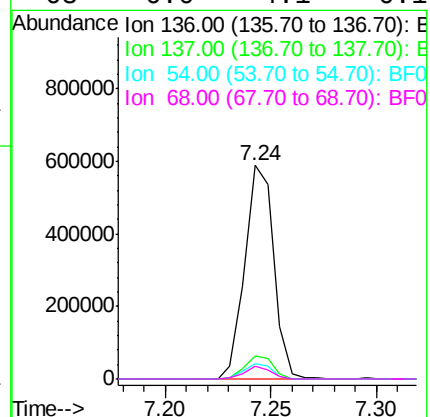
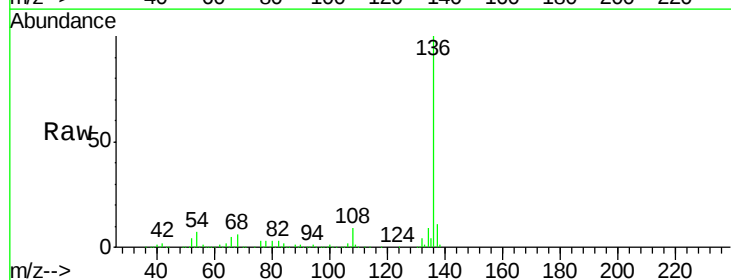
Ion Ratio Lower Upper

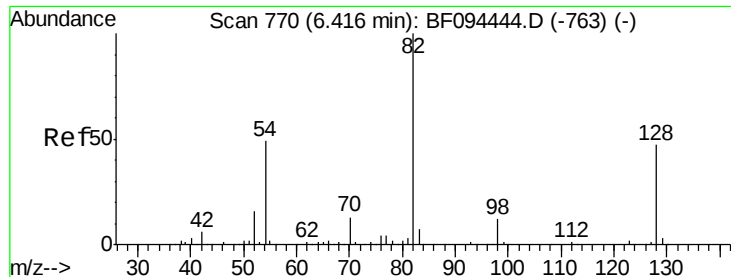
136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 6.0 4.1 6.1

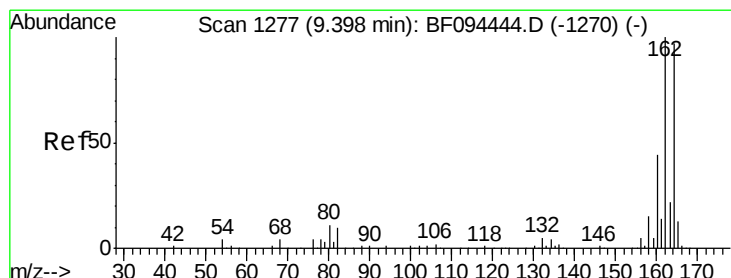
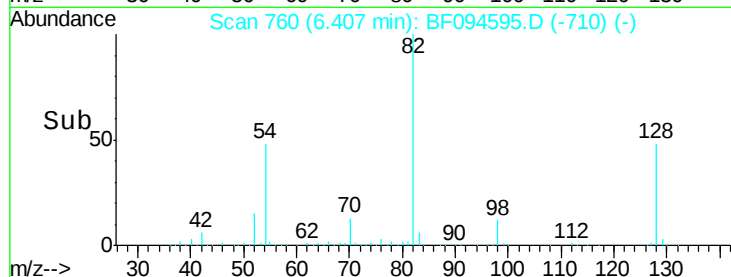
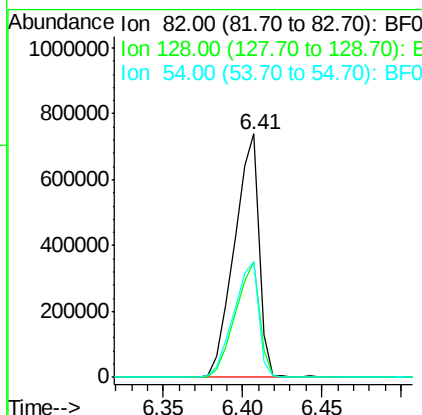
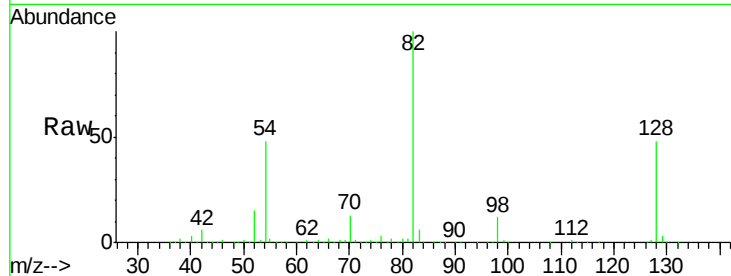




#23
 Nitrobenzene-d5
 Concen: 87.61 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

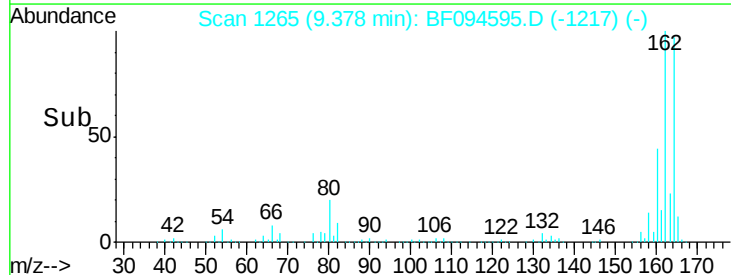
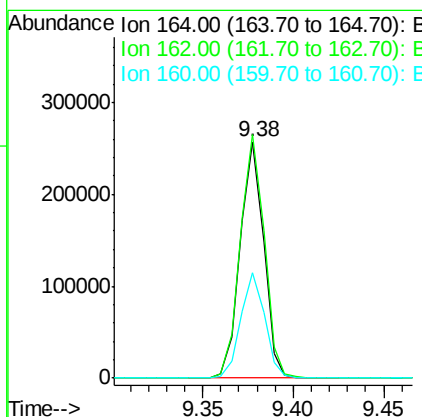
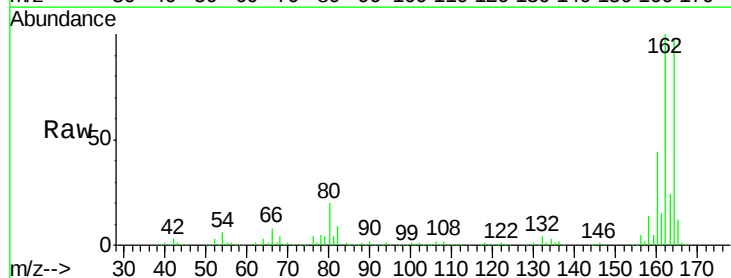
Instrument :
 BNA_F
 ClientSampleId :
 MH-6

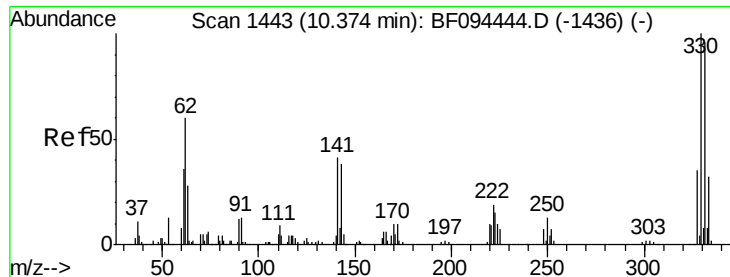
Tot Ion	82	Resp	794207
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	47.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Tgt Ion	164	Resp	232576
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.0	36.2	54.2

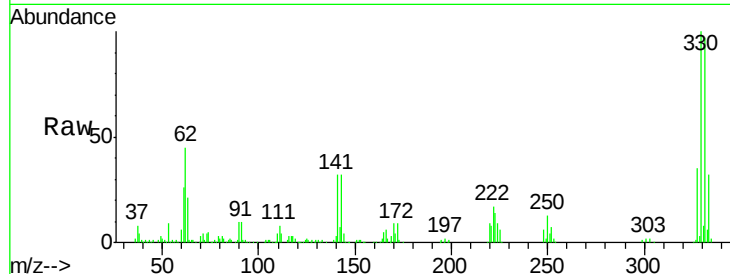




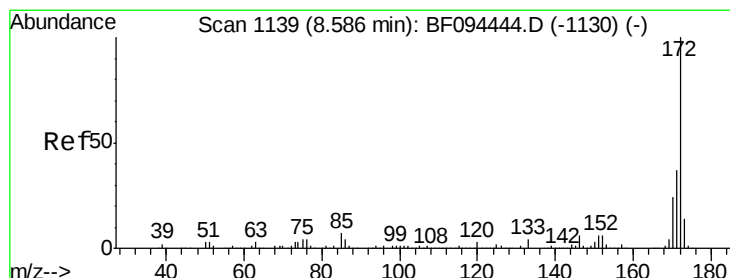
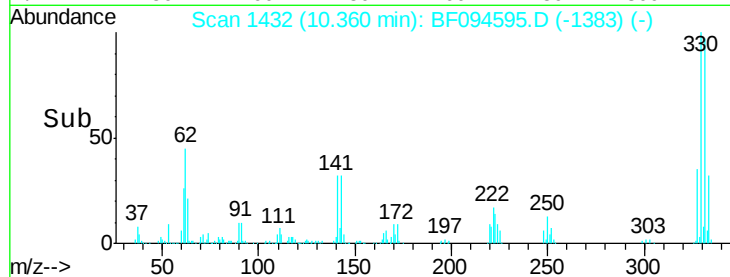
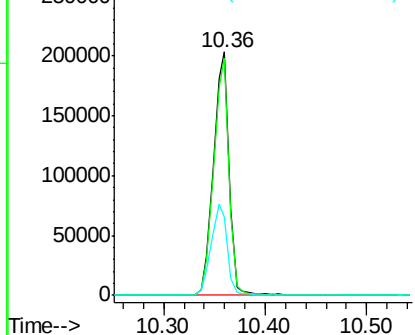
#41
 2,4,6-Tribromophenol
 Concen: 119.42 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Tot Ion:330 Resp: 217242
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 39.0 31.4 47.2

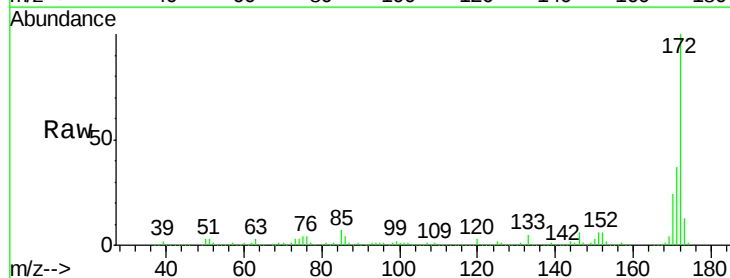


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

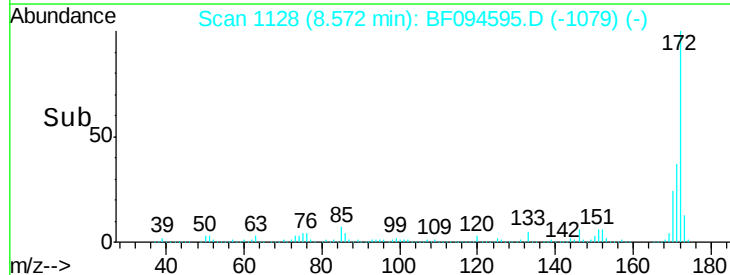
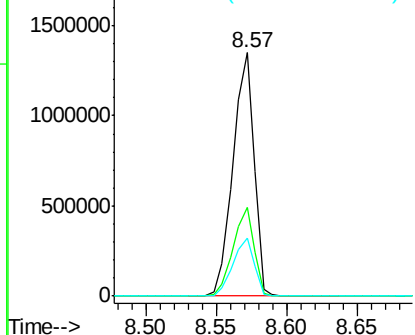


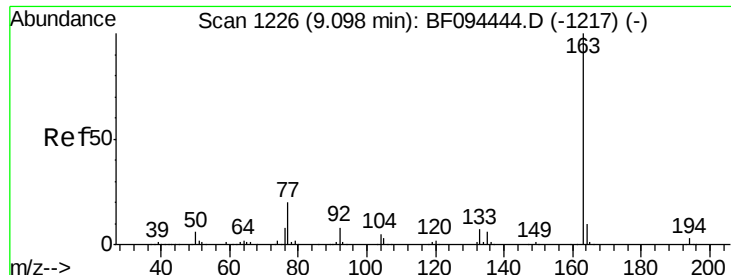
#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Tgt Ion:172 Resp: 1407441
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 19.8 29.8



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

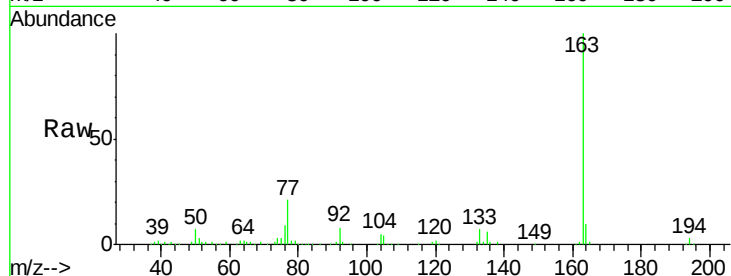




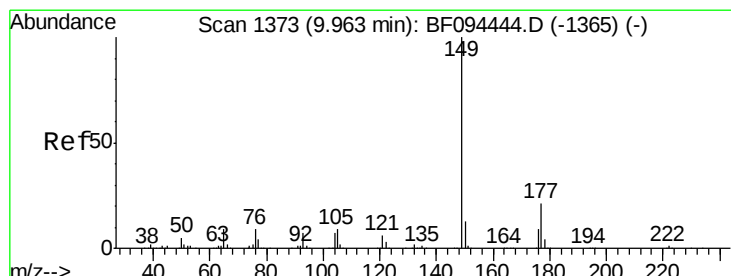
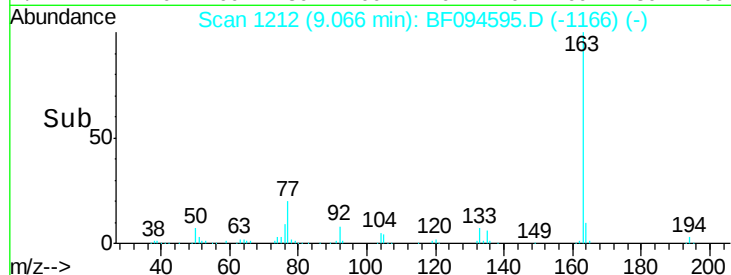
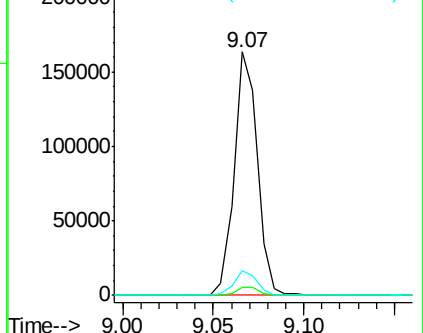
#49
Dimethylphthalate
Concen: 8.40 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :
MH-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.0	8.4	12.6

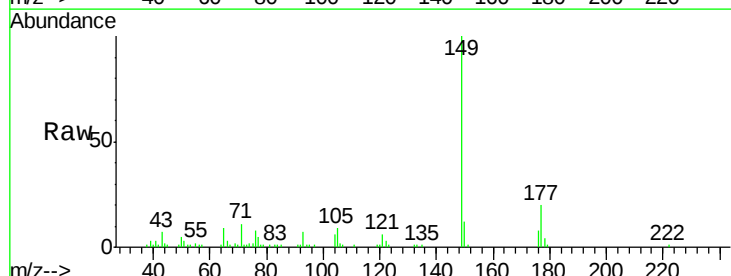


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

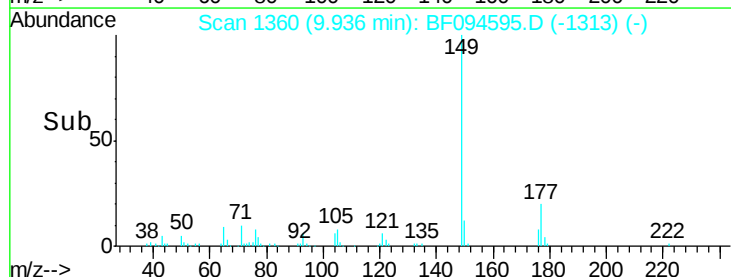
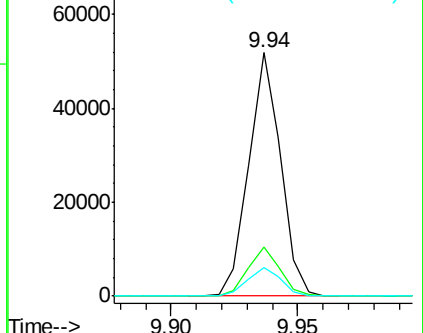


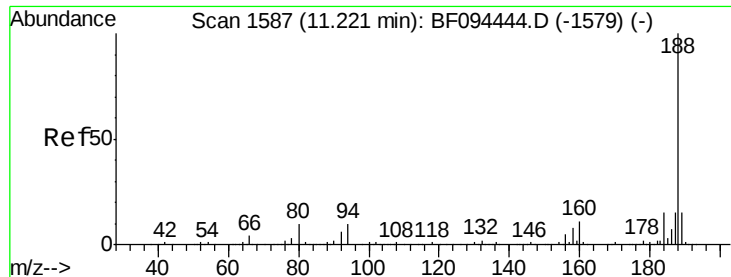
#59
Diethylphthalate
Concen: 2.77 ng
RT: 9.94 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.7	25.1
150	12.0	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

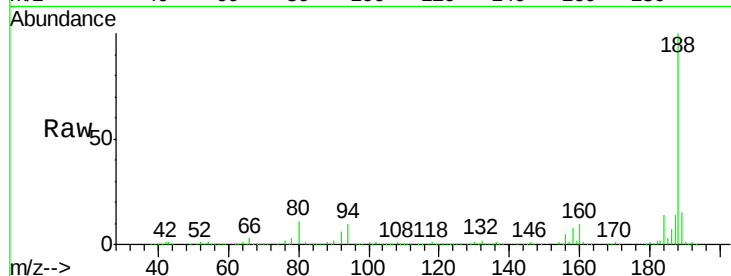




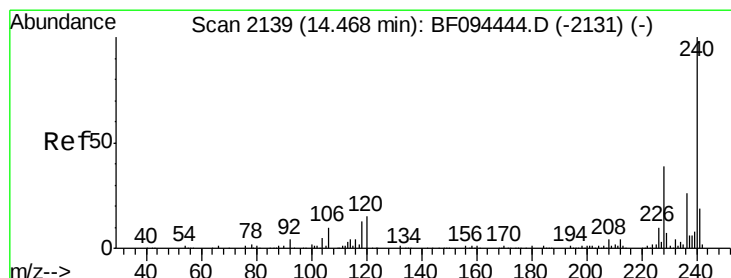
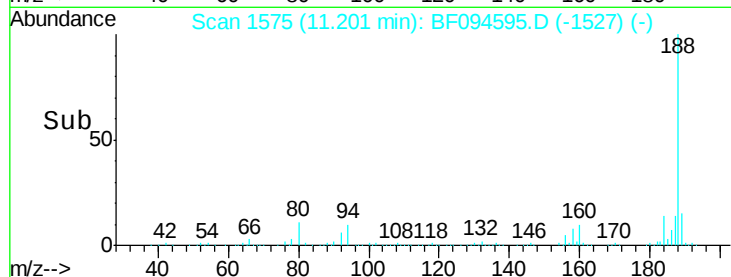
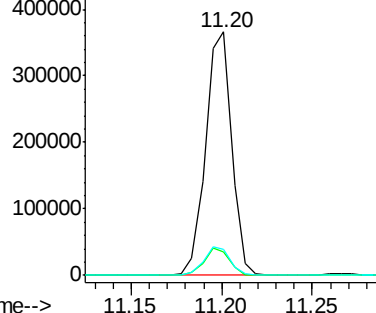
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:188 Resp: 366810
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.9 10.2 15.2

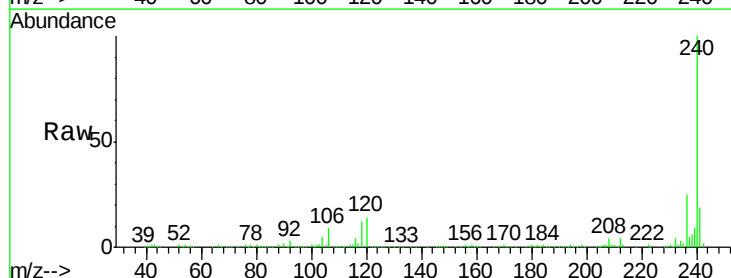


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

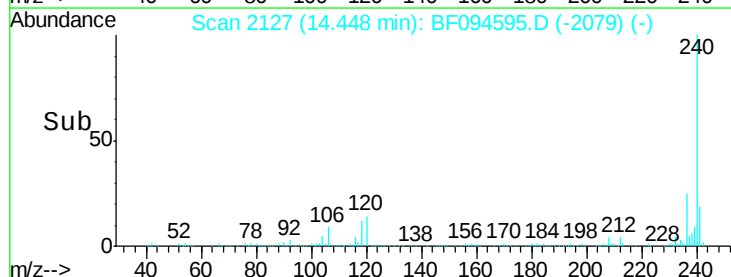
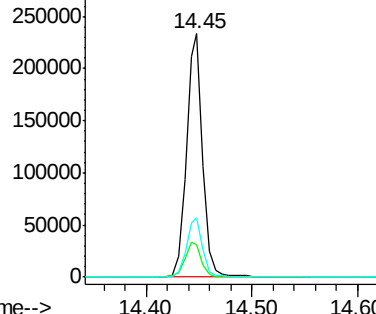


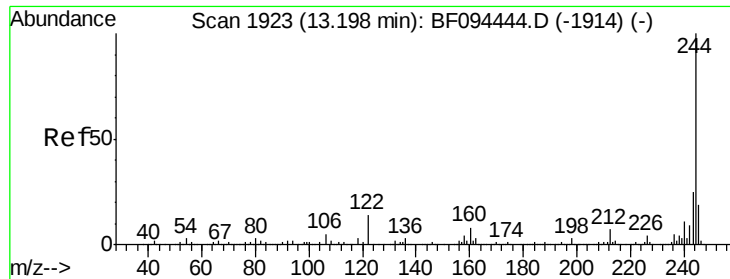
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Tgt Ion:240 Resp: 251204
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 24.6 20.5 30.7



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

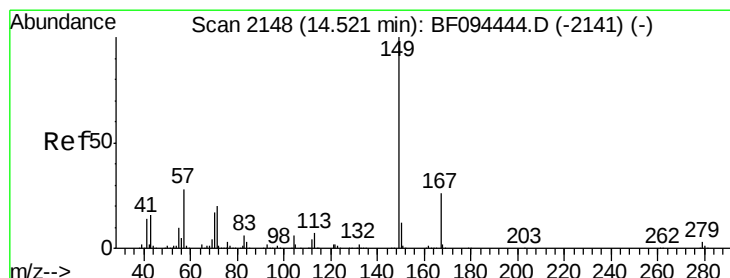
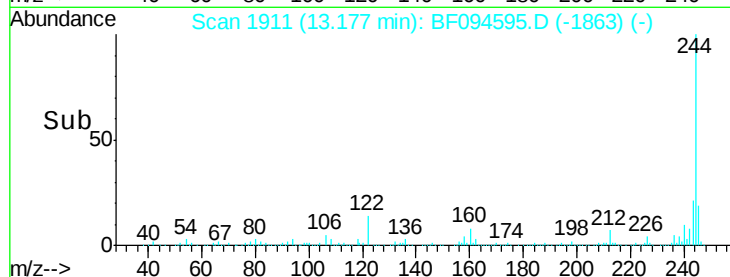
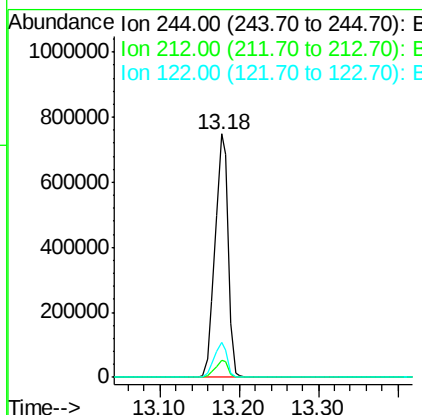
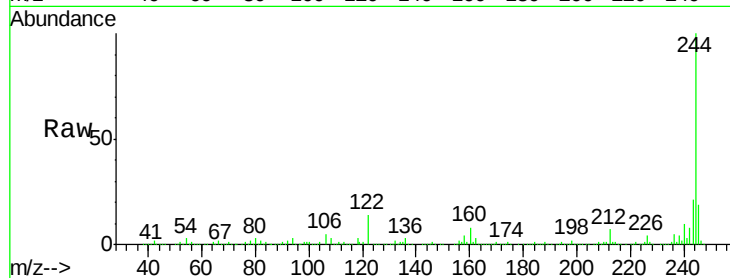




#78
 Terphenyl-d14
 Concen: 91.34 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

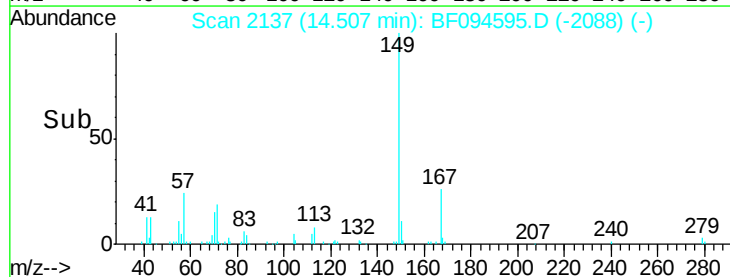
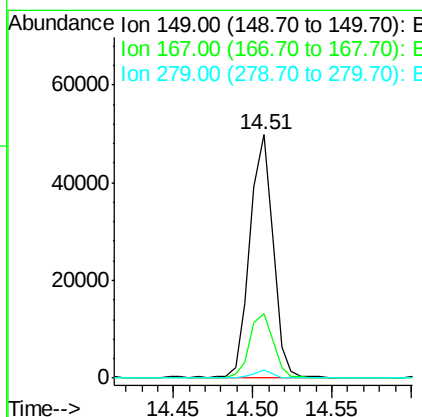
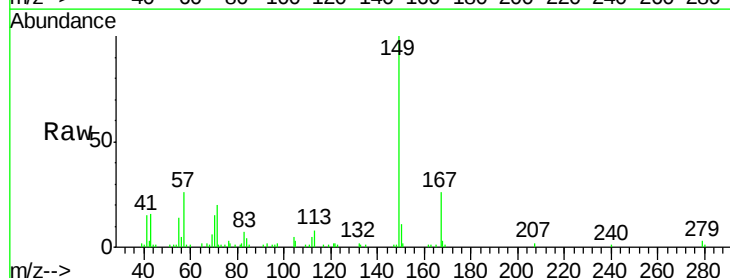
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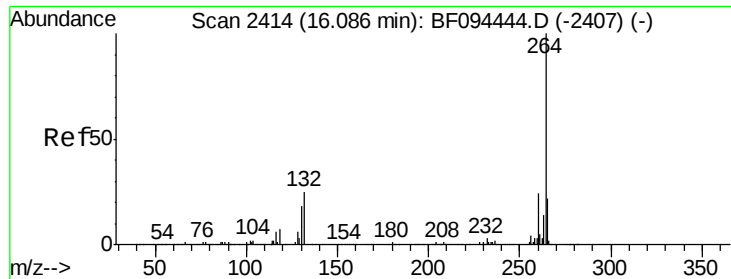
Tot Ion:244 Resp: 858402
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.5 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.96 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094595.D
 Acq: 24 Apr 2017 19:49

Tgt Ion:149 Resp: 51235
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.1 1.9 2.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094595.D
Acq: 24 Apr 2017 19:49

Instrument :
BNA_F
ClientSampleId :
MH-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.2	25.8

