

Data Path : Z:\HPCHEM1\BNA F\Data\BF040717\
 Data File : BF094275.D
 Acq On : 7 Apr 2017 16:14
 Operator : SJ/MA
 Sample : I2572-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2891

Quant Time: Apr 07 16:35:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

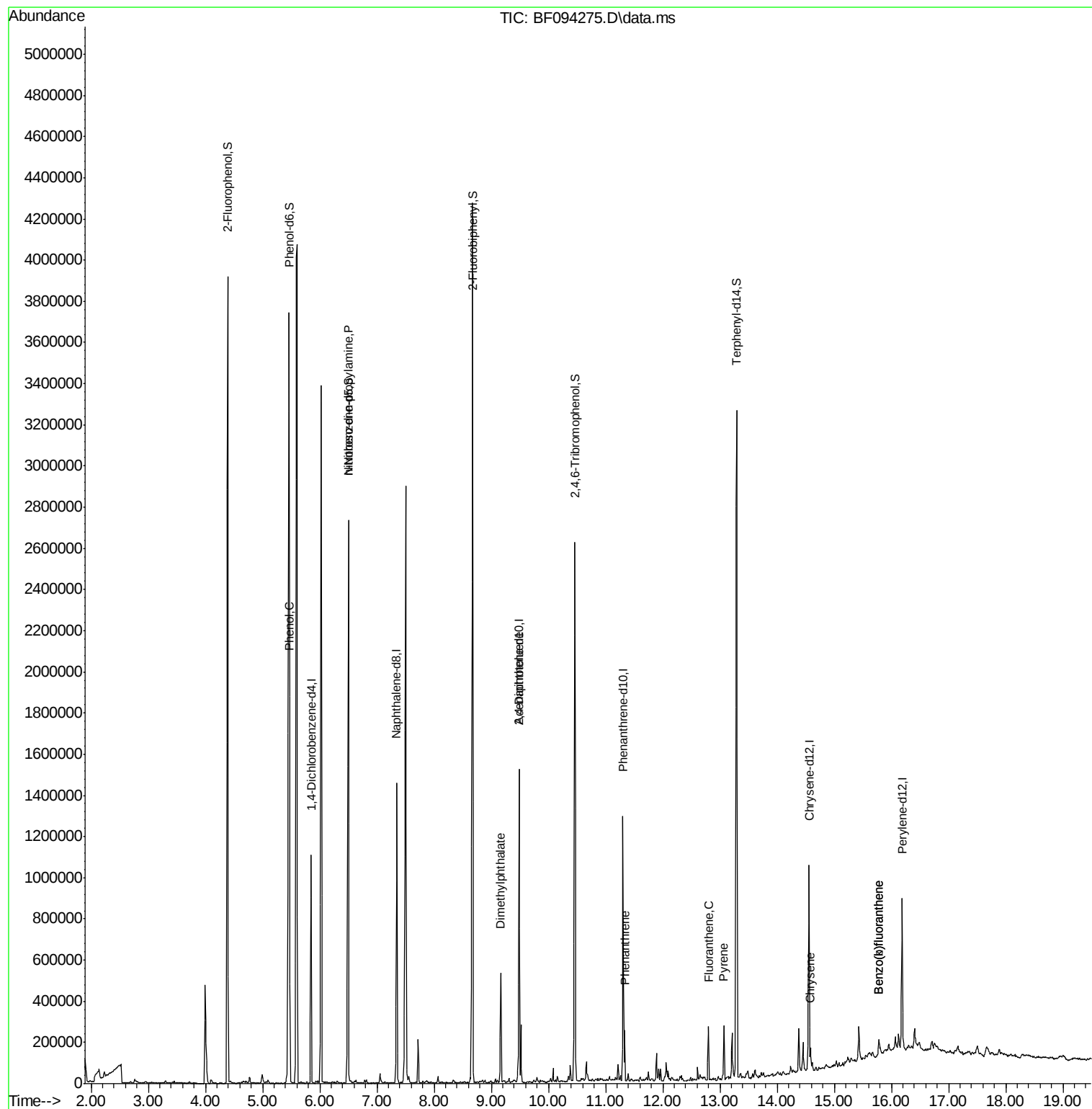
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.845	152	176679	20.00	ng	-0.01
21) Naphthalene-d8	7.345	136	705965	20.00	ng	-0.02
38) Acenaphthene-d10	9.486	164	319191	20.00	ng	-0.01
63) Phenanthrene-d10	11.310	188	535060	20.00	ng	-0.01
75) Chrysene-d12	14.557	240	346197	20.00	ng	-0.02
86) Perylene-d12	16.186	264	283766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.392	112	1434450	137.13	ng	0.00
7) Phenol-d6	5.463	99	1825523	141.07	ng	0.00
23) Nitrobenzene-d5	6.498	82	1146042	92.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.463	330	369285	146.41	ng	-0.01
44) 2-Fluorobiphenyl	8.675	172	1683633	80.45	ng	-0.01
78) Terphenyl-d14	13.292	244	1217842	78.85	ng	0.00
Target Compounds						
10) Phenol	5.475	94	133648	9.08	ng	Qvalue 84
19) n-Nitroso-di-n-propyla...	6.498	70	150968	18.15	ng	# 80
49) Dimethylphthalate	9.169	163	244477	10.77	ng	98
56) 2,4-Dinitrotoluene	9.486	165	40940	6.27	ng	# 33
70) Phenanthrene	11.333	178	90796	3.05	ng	97
74) Fluoranthene	12.798	202	113398	3.72	ng	98
77) Pyrene	13.074	202	112695	4.49	ng	98
82) Chrysene	14.586	228	39059	2.08	ng	95
87) Benzo(b)fluoranthene	15.780	252	53740	3.09	ng	# 92
88) Benzo(k)fluoranthene	15.780	252	53740	3.16	ng	96

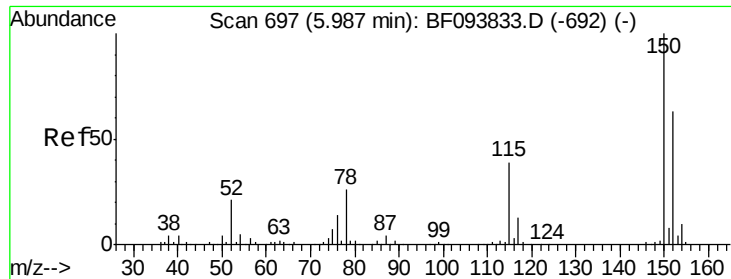
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.845 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

RT-2891

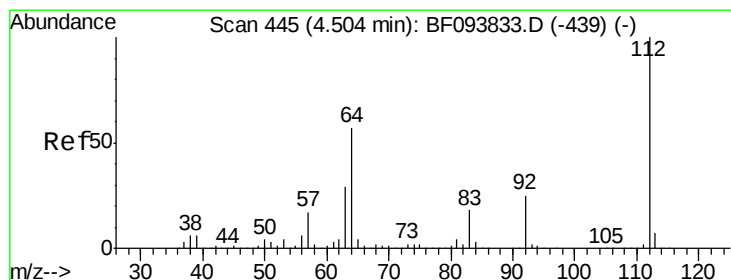
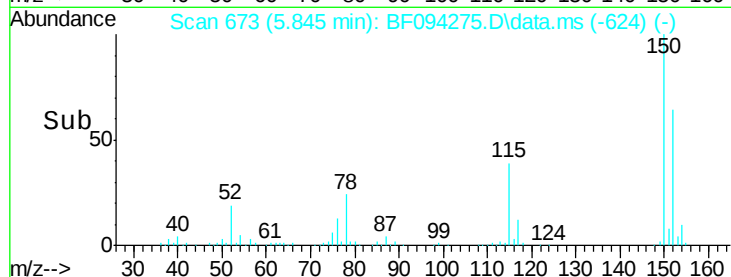
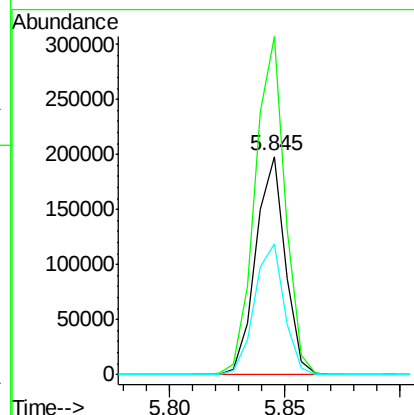
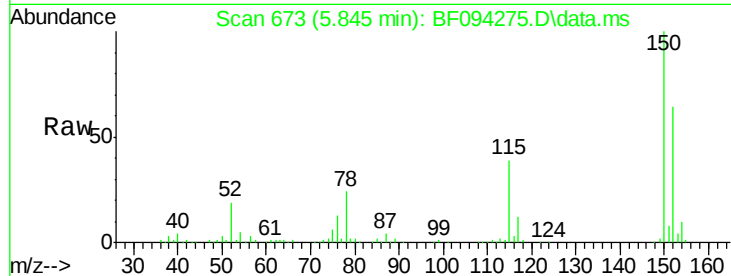
Tot Ion:152 Resp: 176679

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

115 60.0 52.2 78.2



#5

2-Fluorophenol

Concen: 137.13 ng

RT: 4.392 min Scan# 426

Delta R.T. 0.006 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

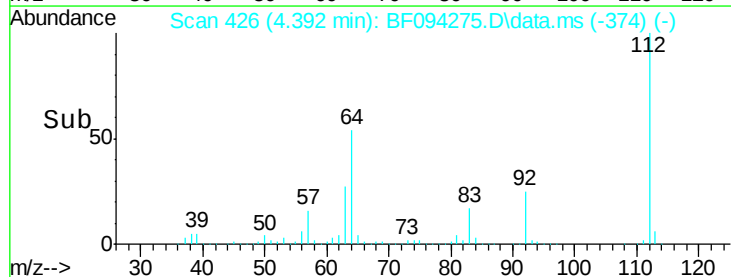
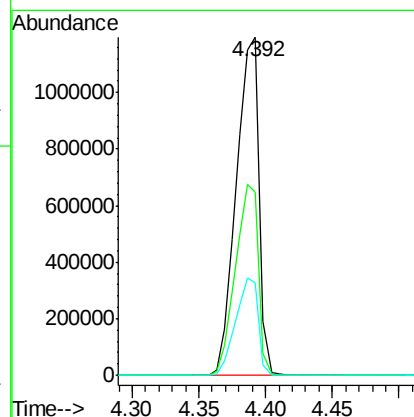
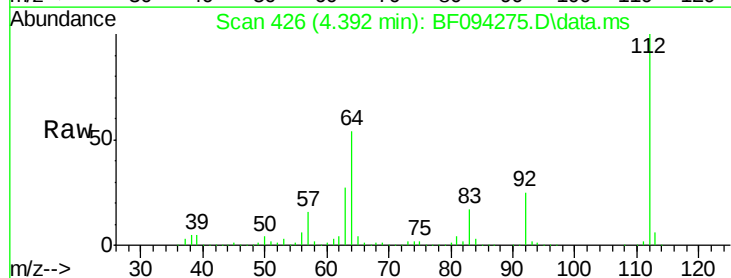
Tgt Ion:112 Resp: 1434450

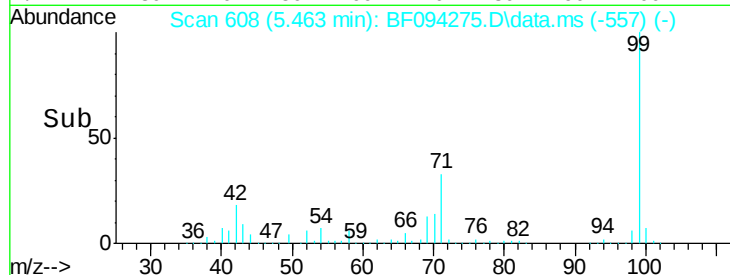
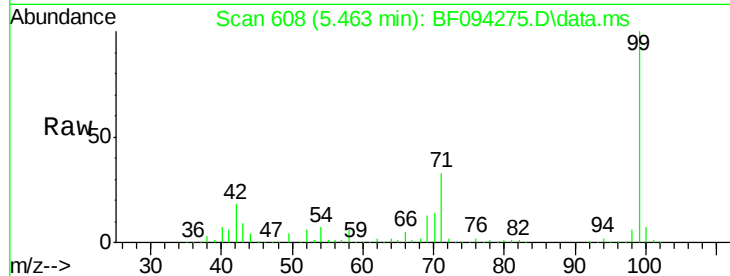
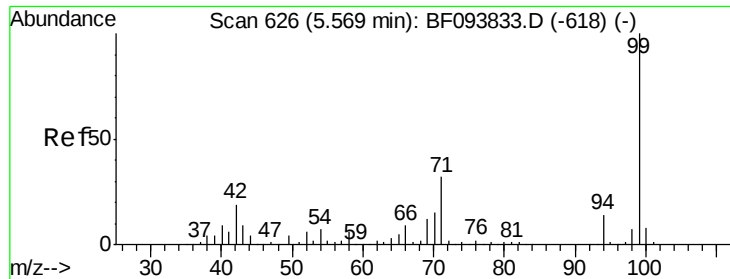
Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

63 27.3 23.4 35.0





#7

Phenol-d6

Concen: 141.07 ng

RT: 5.463 min Scan# 60

Delta R.T. -0.000 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

RT-2891

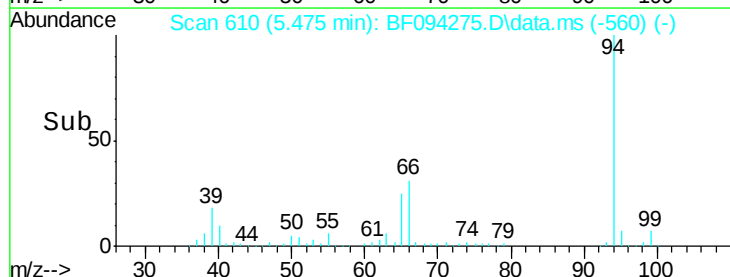
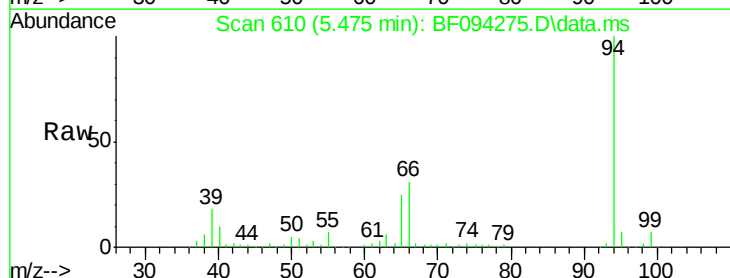
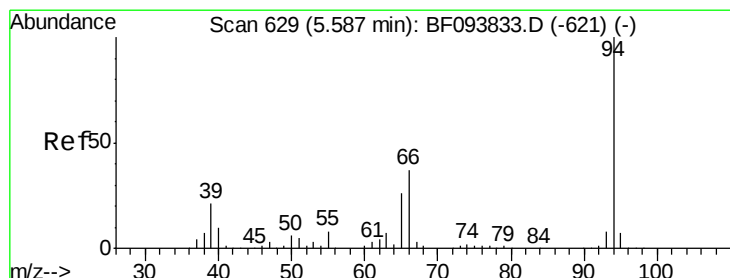
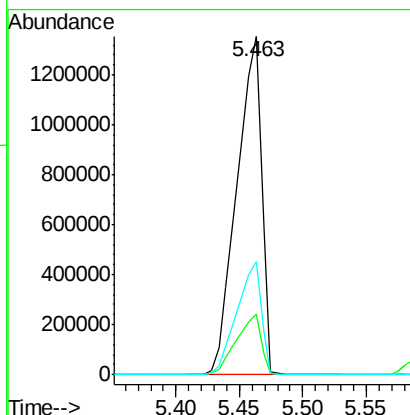
Tot Ion: 99 Resp: 1825523

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 33.4 24.5 36.7



#10

Phenol

Concen: 9.08 ng

RT: 5.475 min Scan# 610

Delta R.T. -0.006 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

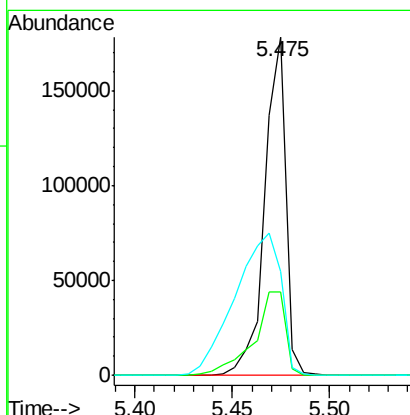
Tgt Ion: 94 Resp: 133648

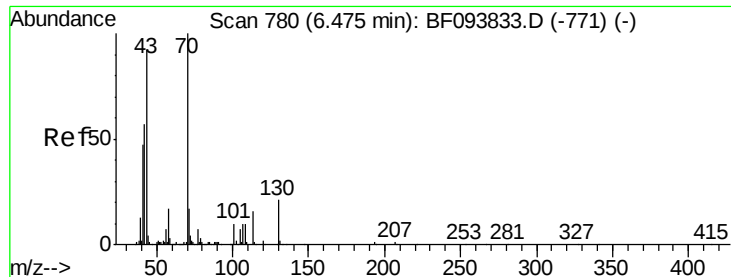
Ion Ratio Lower Upper

94 100

65 24.5 9.9 49.9

66 30.7 23.1 63.1

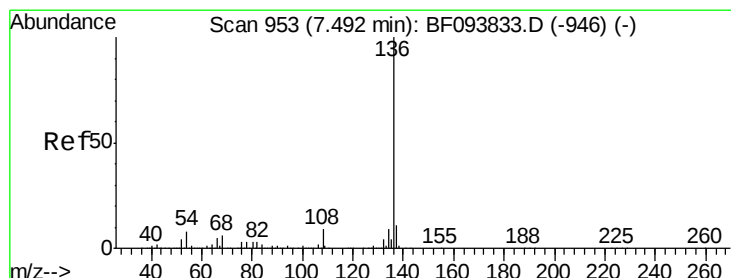
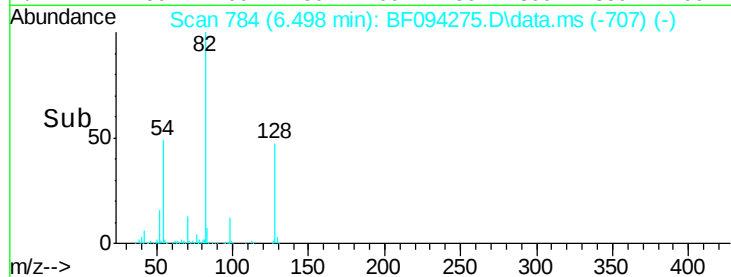
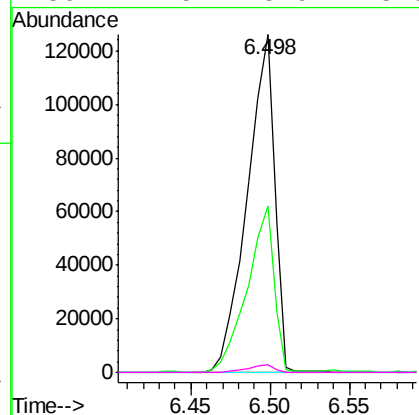
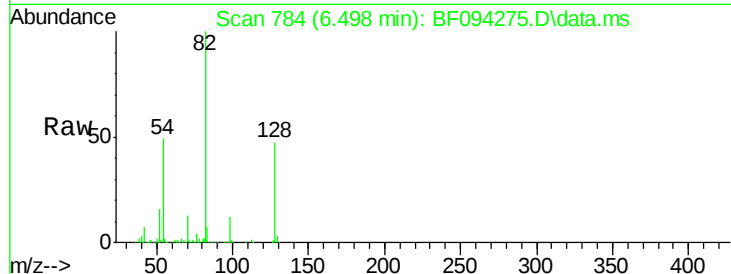




#19
n-Nitroso-di-n-propylamine
Concen: 18.15 ng
RT: 6.498 min Scan# 780
Delta R.T. 0.153 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

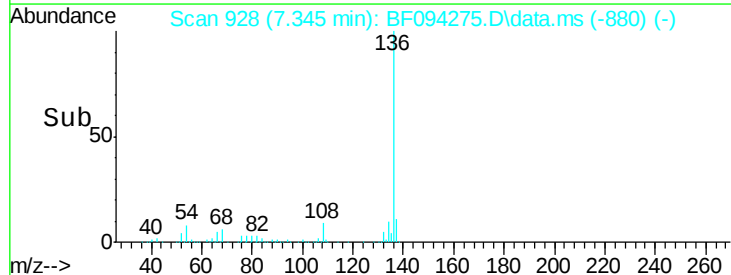
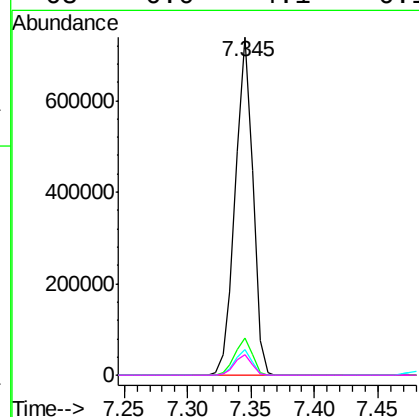
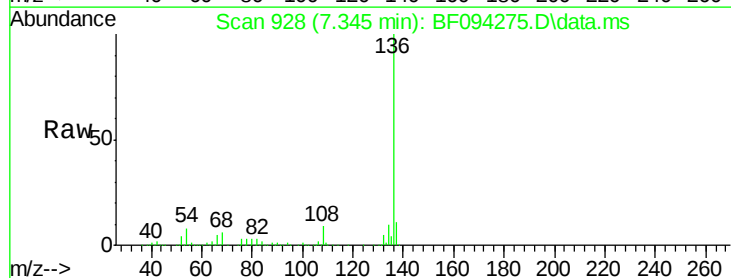
Instrument :
BNA_F
ClientSampleId :
RT-2891

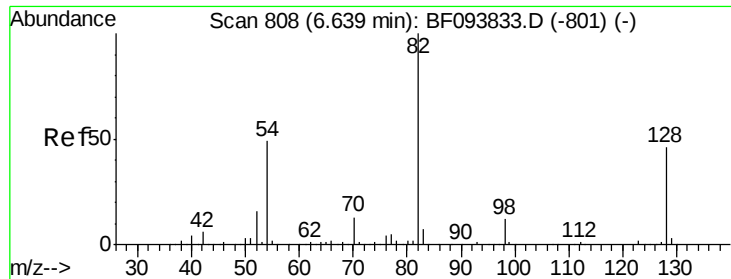
Tot Ion: 70 Resp: 150968
Ion Ratio Lower Upper
70 100
42 49.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.345 min Scan# 928
Delta R.T. -0.018 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion: 136 Resp: 705965
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.7 4.9 7.3#
68 6.0 4.1 6.1

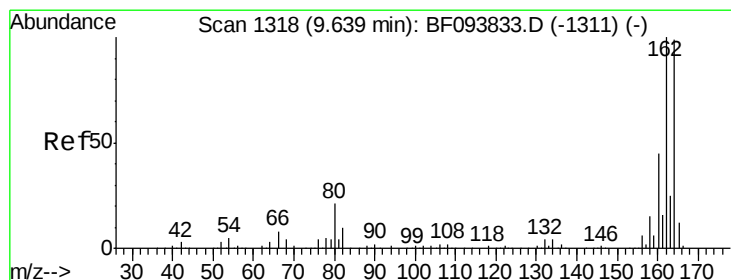
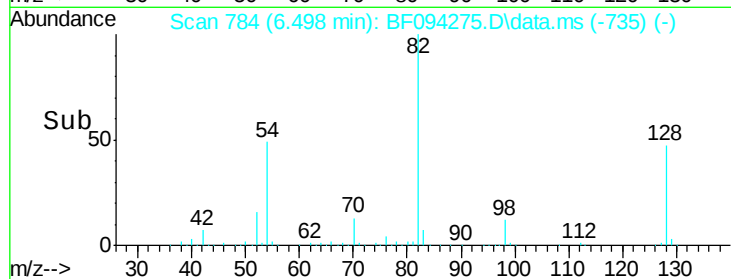
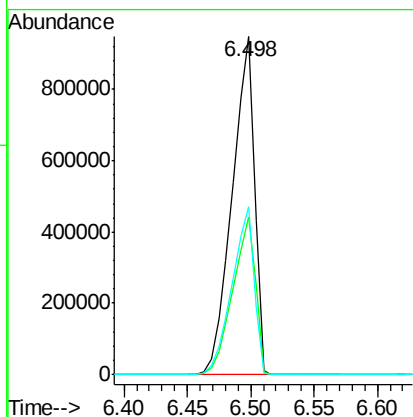
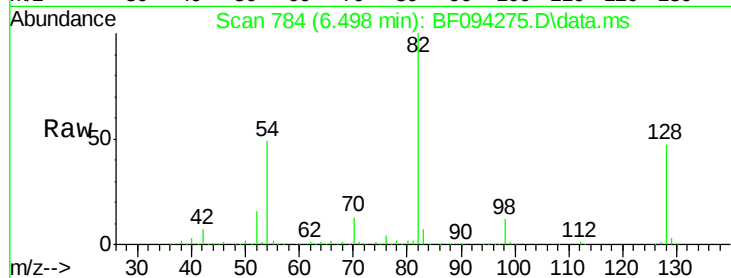




#23
 Nitrobenzene-d5
 Concen: 92.64 ng
 RT: 6.498 min Scan# 78
 Delta R.T. -0.012 min
 Lab File: BF094275.D
 Acq: 7 Apr 2017 16:14

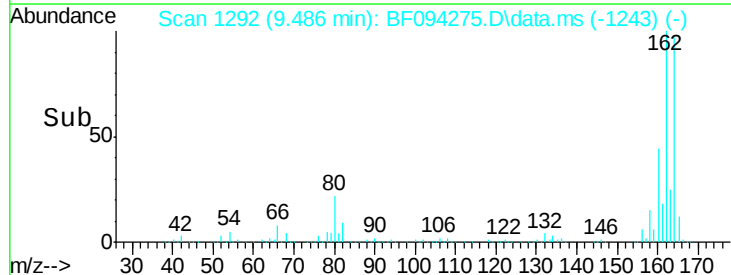
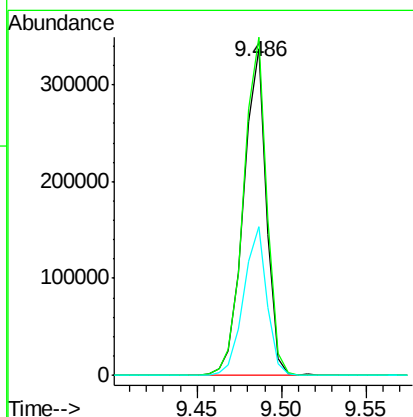
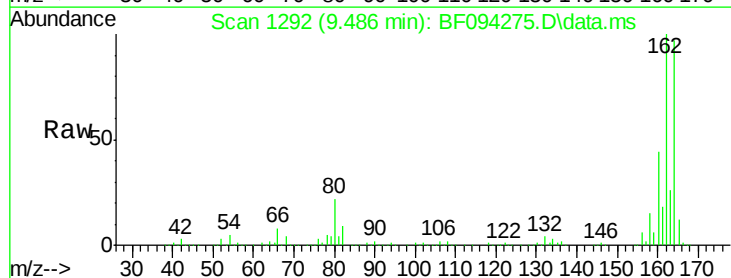
Instrument :
 BNA_F
 ClientSampleId :
 RT-2891

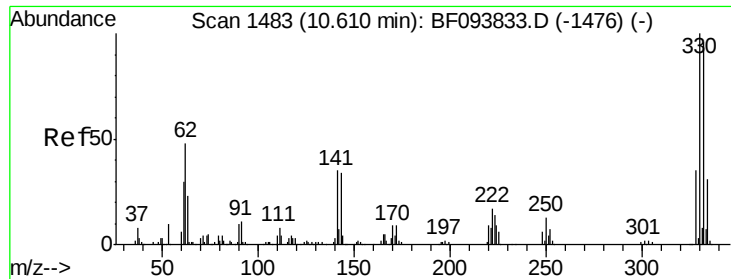
Tot Ion: 82 Resp: 1146042
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 49.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.486 min Scan# 1292
 Delta R.T. -0.012 min
 Lab File: BF094275.D
 Acq: 7 Apr 2017 16:14

Tgt Ion: 164 Resp: 319191
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.5 36.2 54.2

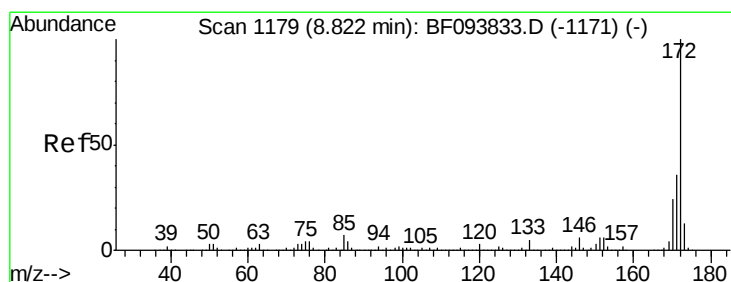
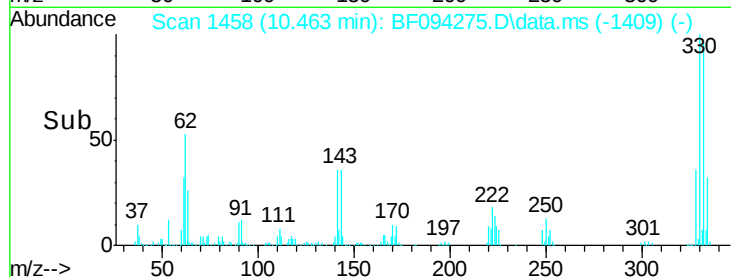
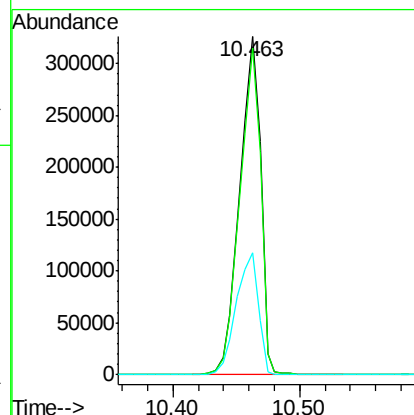
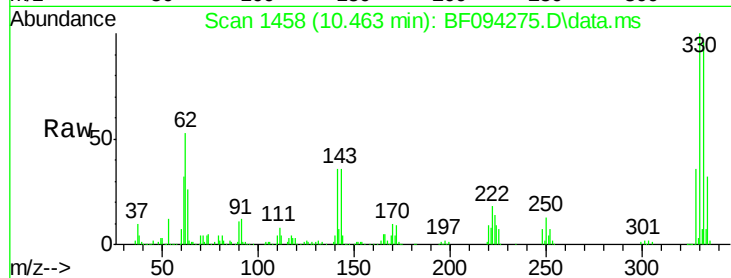




#41
 2,4,6-Tribromophenol
 Concen: 146.41 ng
 RT: 10.463 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: BF094275.D
 Acq: 7 Apr 2017 16:14

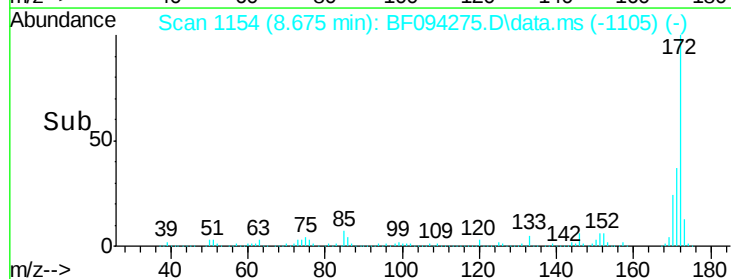
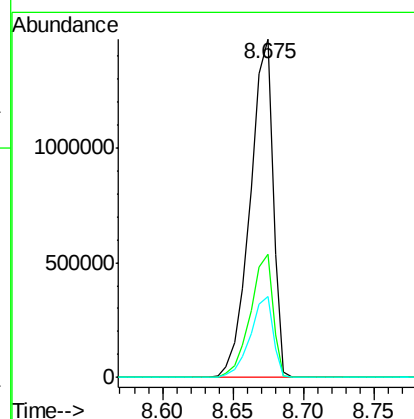
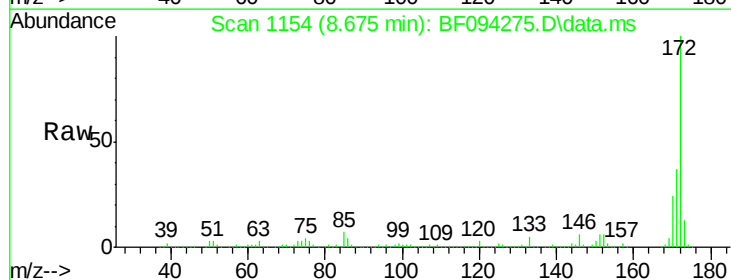
Instrument :
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 ClientSampleId :
 RT-2891

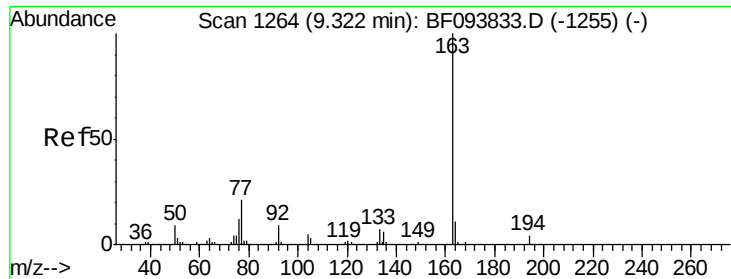
Tot Ion:330 Resp: 369285
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 80.45 ng
 RT: 8.675 min Scan# 1154
 Delta R.T. -0.012 min
 Lab File: BF094275.D
 Acq: 7 Apr 2017 16:14

Tgt Ion:172 Resp: 1683633
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.9 19.8 29.8





#49

Dimethylphthalate

Concen: 10.77 ng

RT: 9.169 min Scan# 12

Delta R.T. -0.024 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

RT-2891

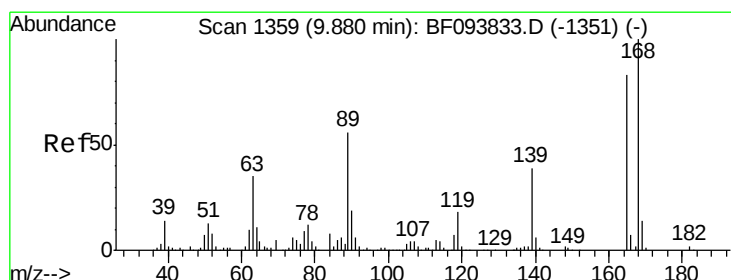
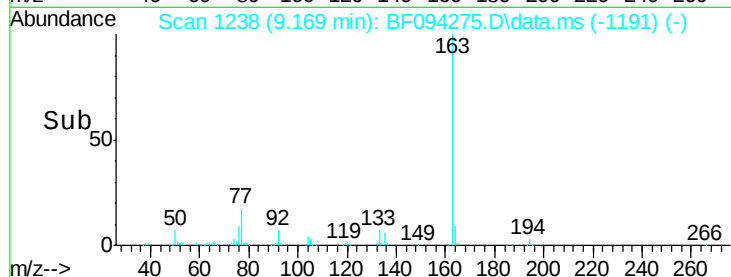
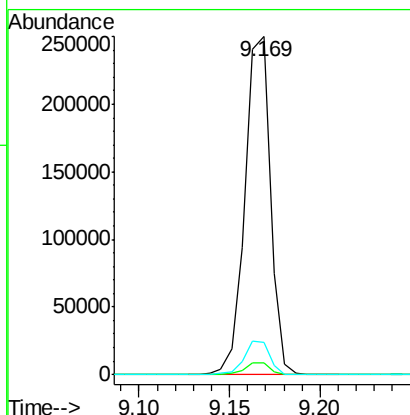
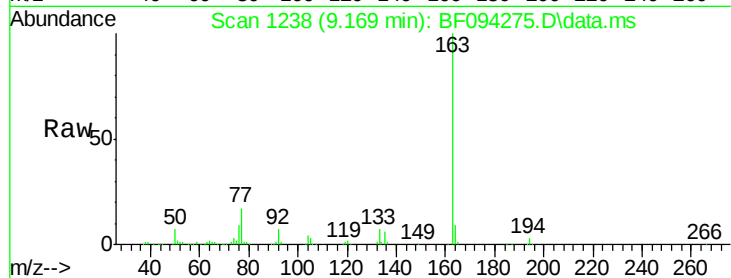
Tot Ion:163 Resp: 244477

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 9.5 8.4 12.6



#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 9.486 min Scan# 1292

Delta R.T. -0.265 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Tgt Ion:165 Resp: 40940

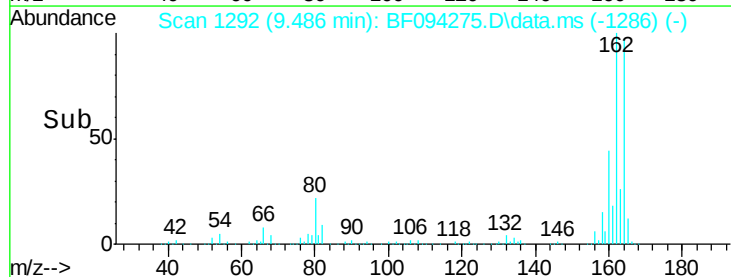
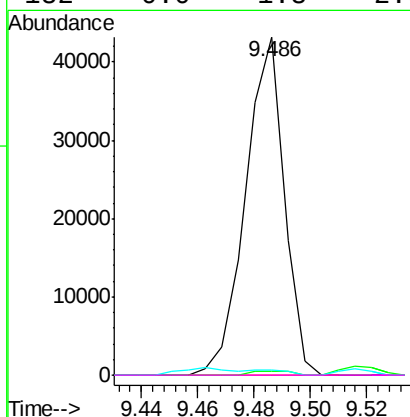
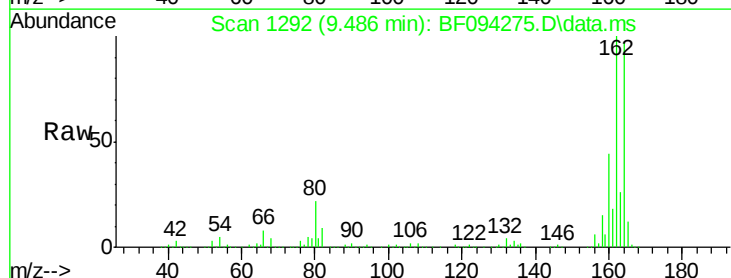
Ion Ratio Lower Upper

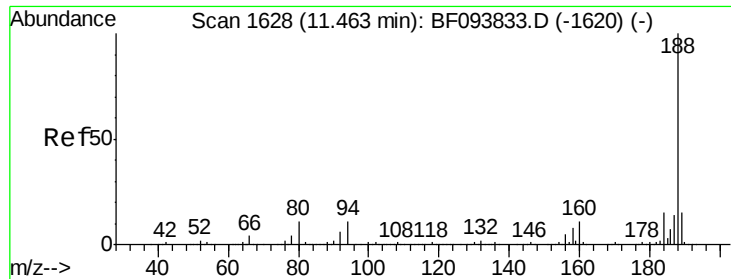
165 100

63 1.2 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

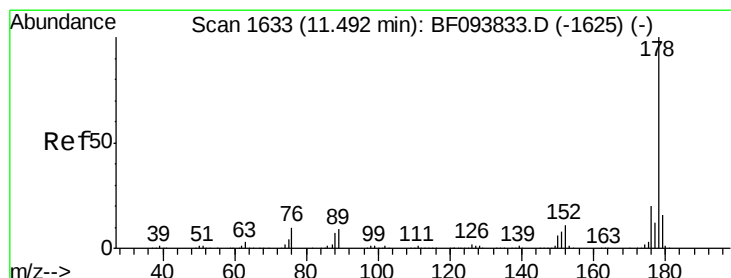
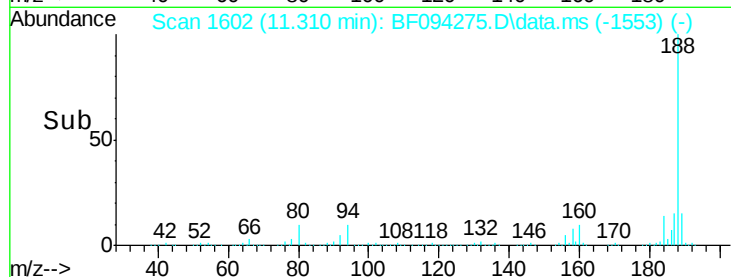
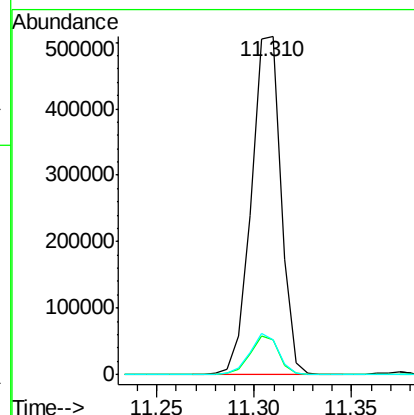
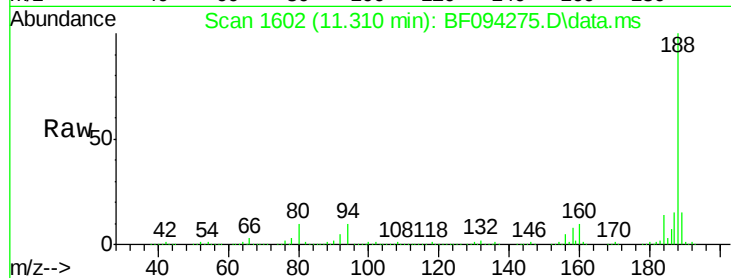




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.310 min Scan# 1602
 Delta R.T. -0.012 min
 Lab File: BF094275.D
 Acq: 7 Apr 2017 16:14

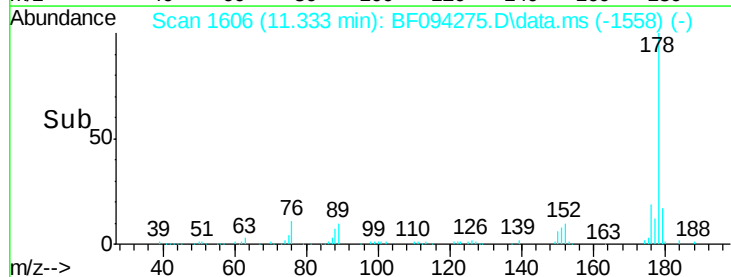
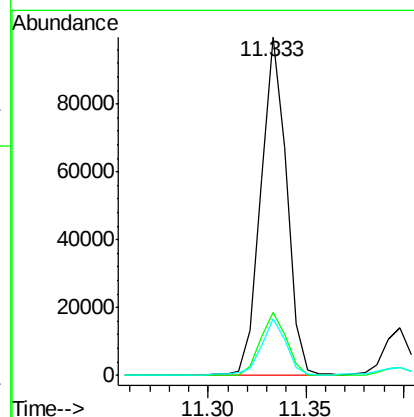
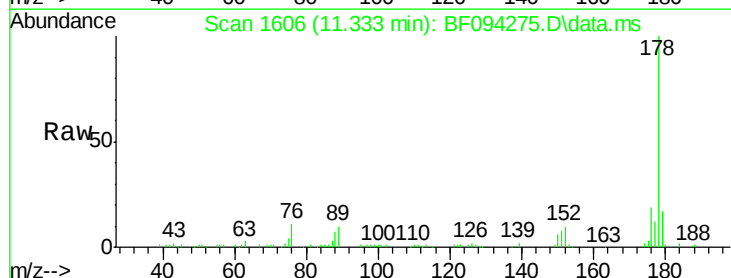
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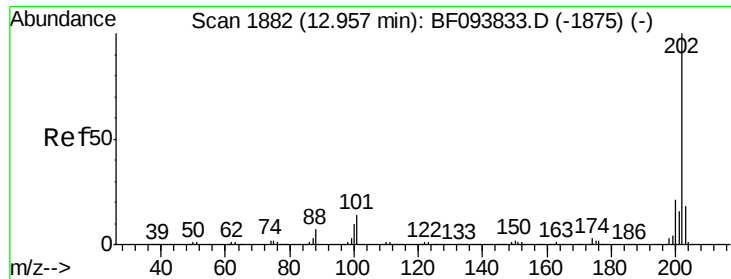
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.2	10.2	15.2



#70
 Phenanthrene
 Concen: 3.05 ng
 RT: 11.333 min Scan# 1606
 Delta R.T. -0.018 min
 Lab File: BF094275.D
 Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	16.8	12.6	19.0

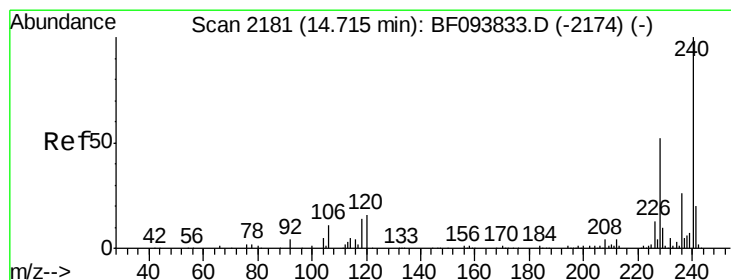
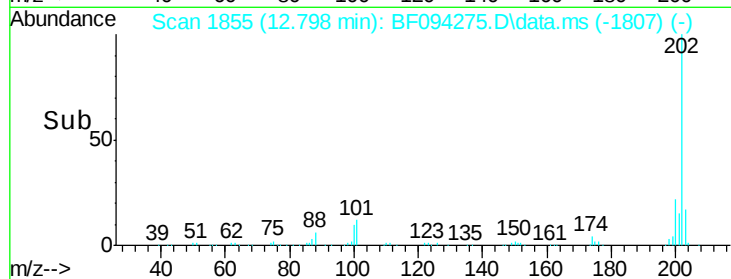
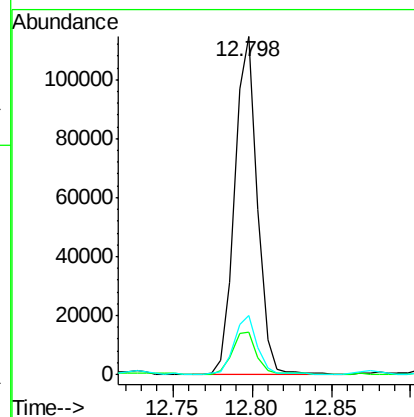
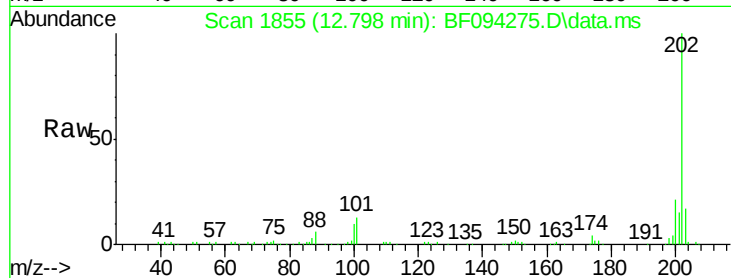




#74
Fluoranthene
Concen: 3.72 ng
RT: 12.798 min Scan# 18
Delta R.T. -0.018 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

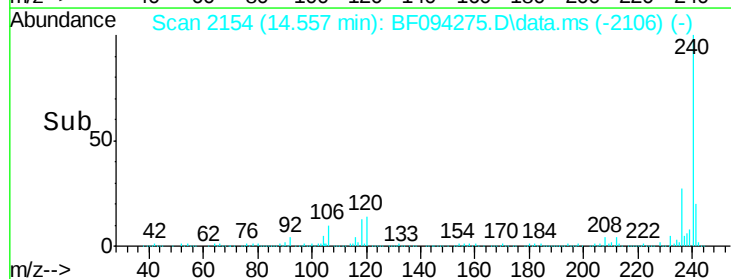
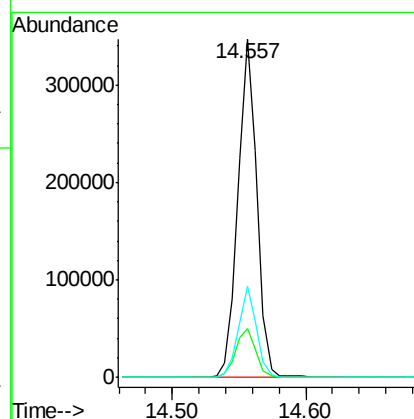
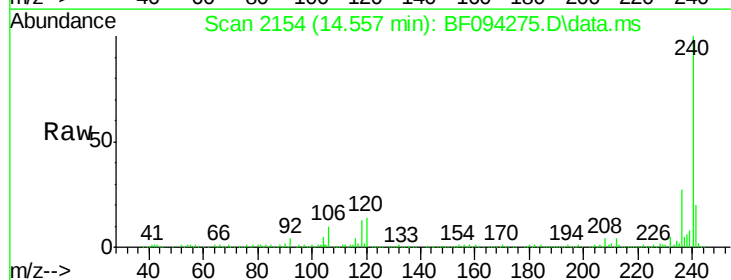
Instrument :
BNA_F
ClientSampleId :
RT-2891

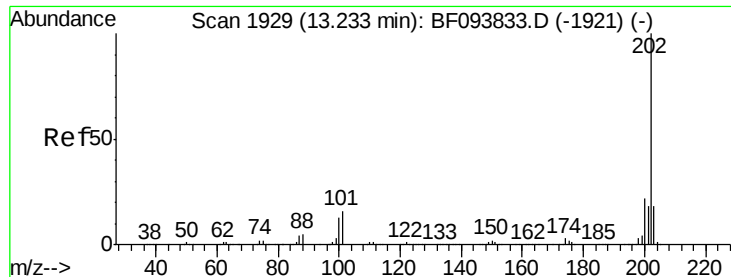
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.4	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.557 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	26.8	20.5	30.7

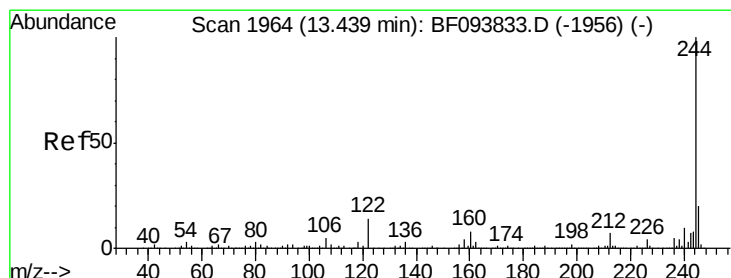
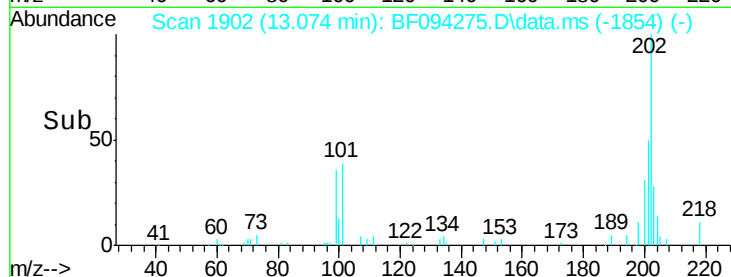
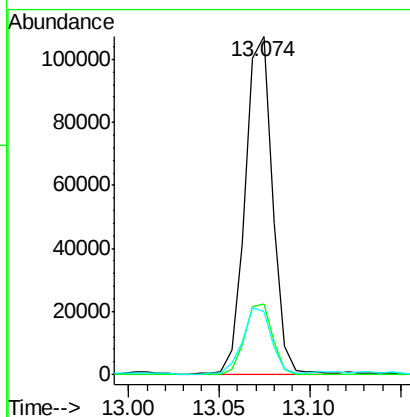
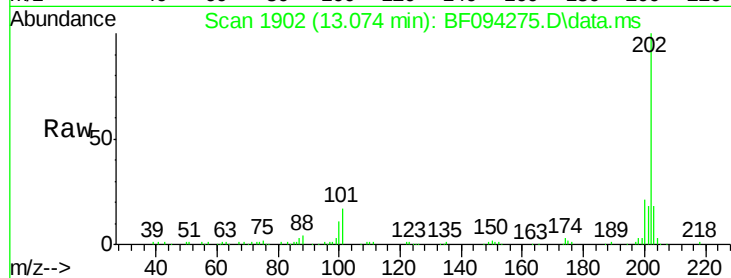




#77
Pvrene
Concen: 4.49 ng
RT: 13.074 min Scan# 1929
Delta R.T. -0.018 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

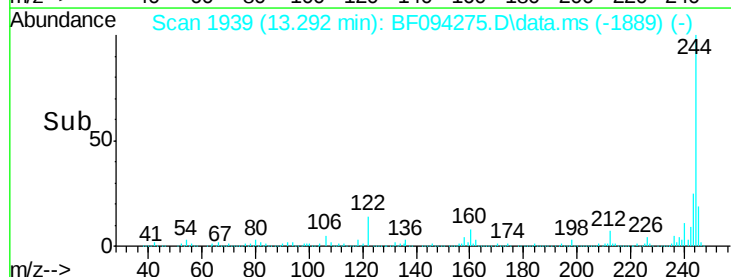
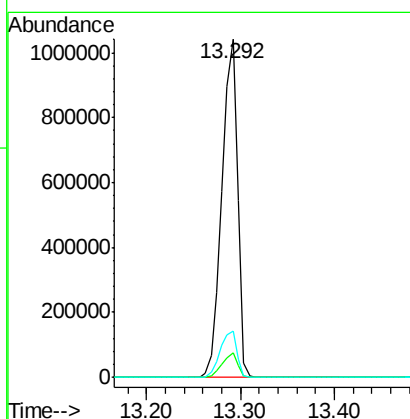
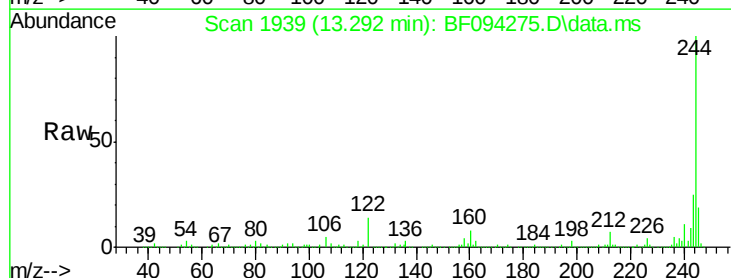
Instrument :
BNA_F
ClientSampleId :
RT-2891

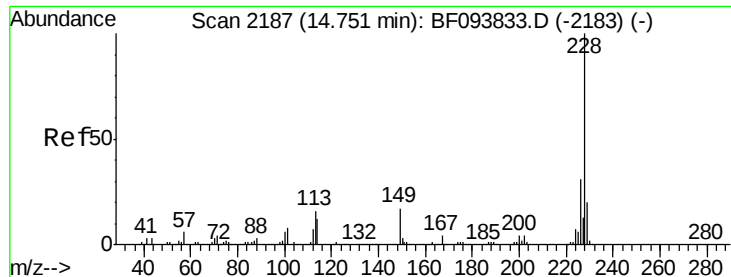
Tot Ion:202 Resp: 112695
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 18.5 14.4 21.6



#78
Terphenyl-d14
Concen: 78.85 ng
RT: 13.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion:244 Resp: 1217842
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.7 10.3 15.5





#82

Chrysene

Concen: 2.08 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

Instrument :

BNA_F

ClientSampleId :

RT-2891

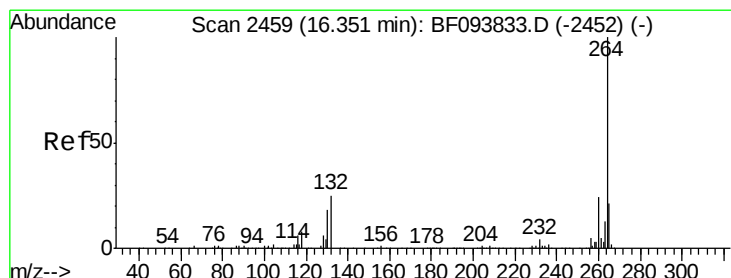
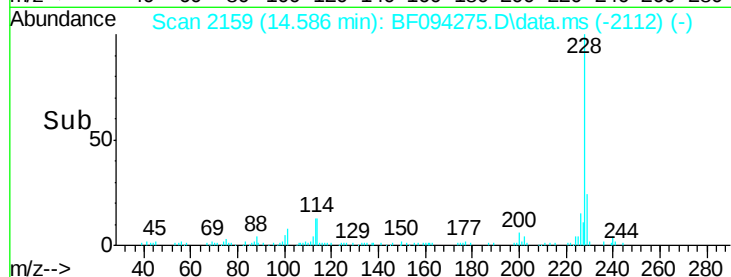
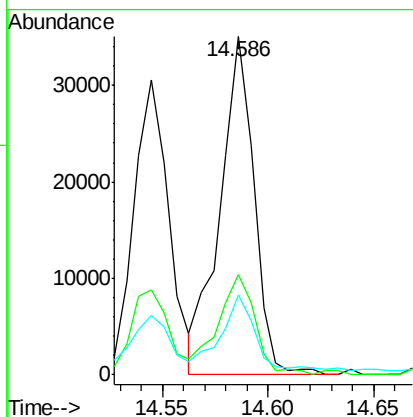
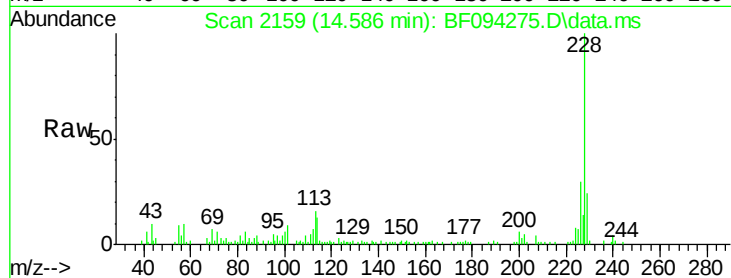
Tot Ion:228 Resp: 39059

Ion Ratio Lower Upper

228 100

226 29.7 24.9 37.3

229 23.6 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.186 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BF094275.D

Acq: 7 Apr 2017 16:14

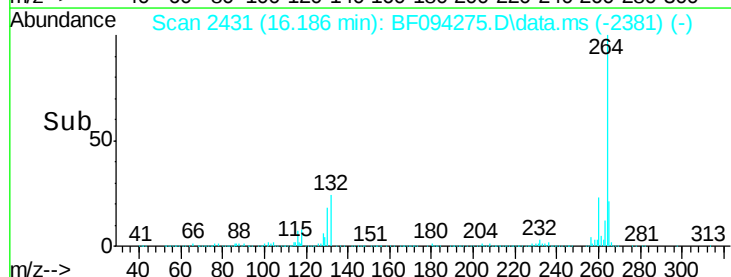
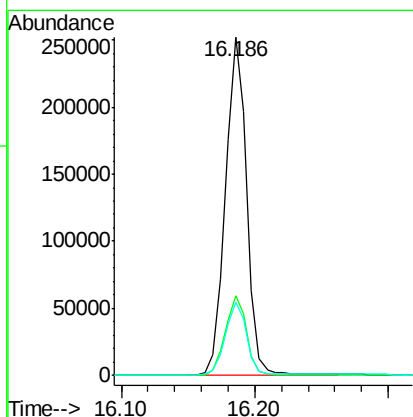
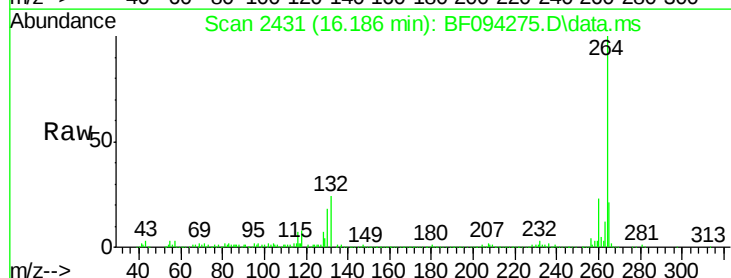
Tgt Ion:264 Resp: 283766

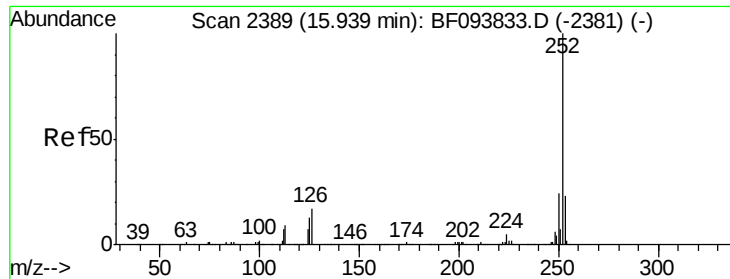
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.4 17.2 25.8

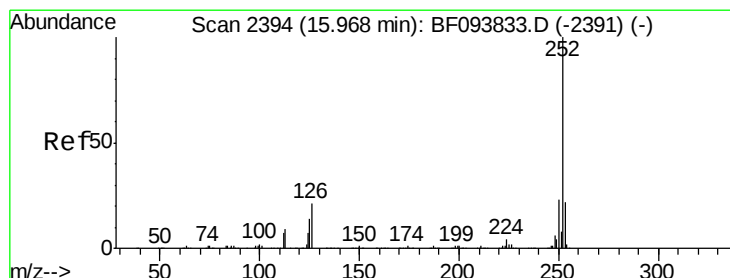
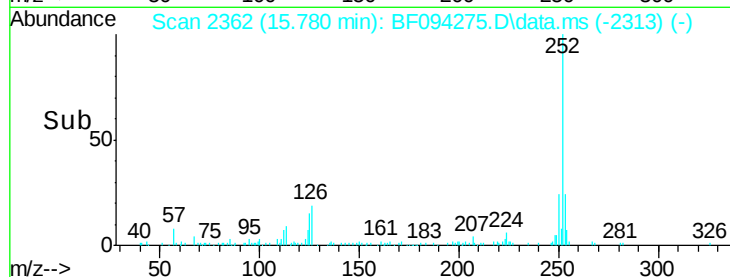
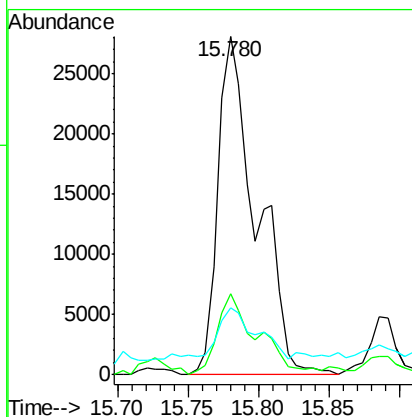
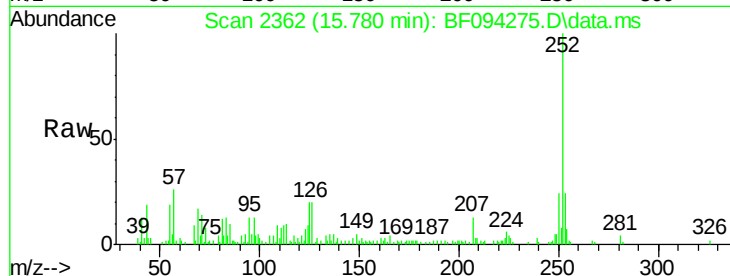




#87
Benzo(b)fluoranthene
Concen: 3.09 ng
RT: 15.780 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Instrument :
BNA_F
ClientSampleId :
RT-2891

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	19.6	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 3.16 ng
RT: 15.780 min Scan# 2362
Delta R.T. -0.047 min
Lab File: BF094275.D
Acq: 7 Apr 2017 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	19.6	13.1	19.7

