

Data Path : Z:\HPCHEM1\BNA F\Data\BF040717\
 Data File : BF094274.D
 Acq On : 7 Apr 2017 15:46
 Operator : SJ/MA
 Sample : I2572-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15-41

Quant Time: Apr 07 16:34:59 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

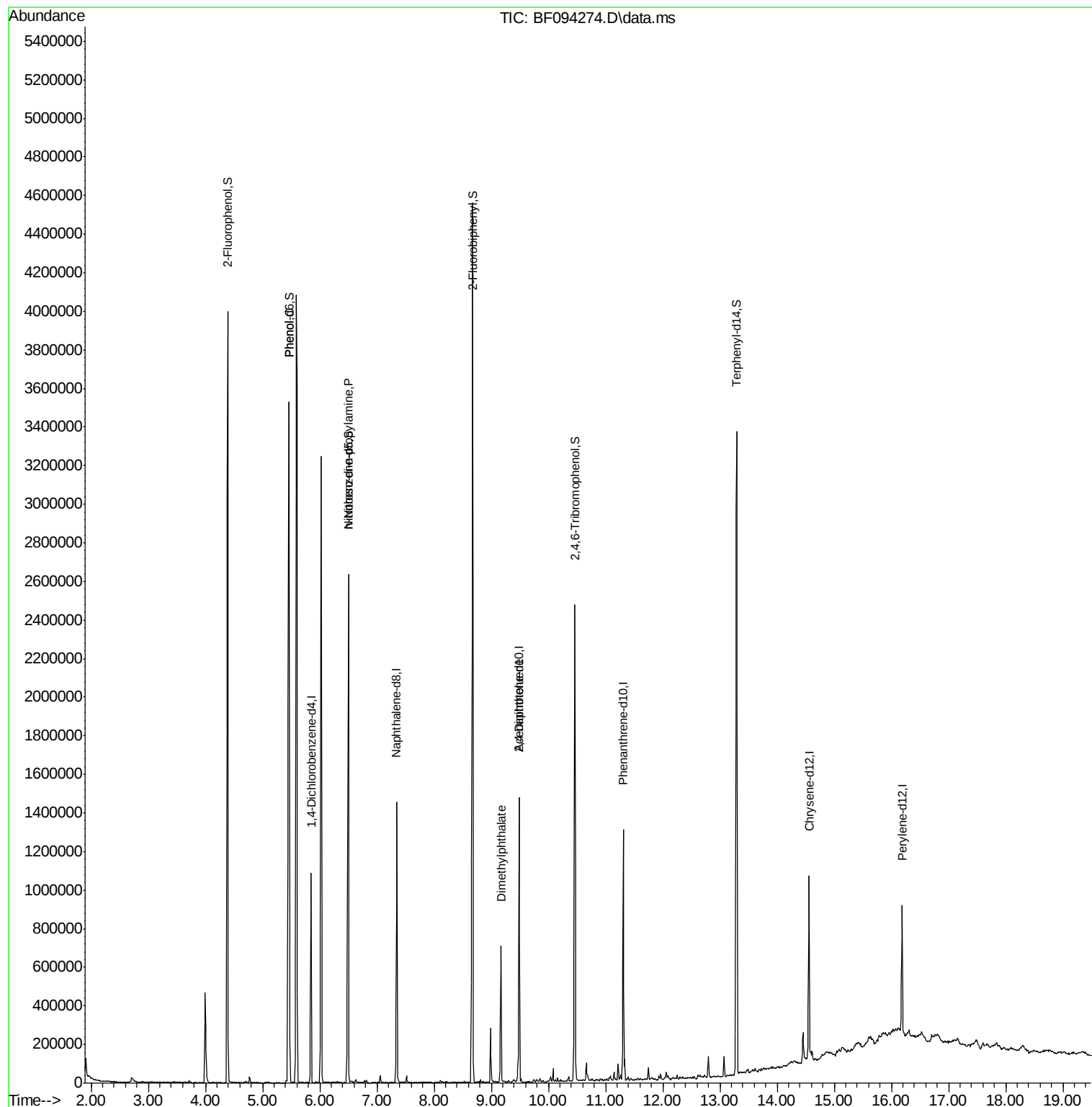
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.845	152	174519	20.00	ng	-0.01
21) Naphthalene-d8	7.345	136	714331	20.00	ng	-0.02
38) Acenaphthene-d10	9.486	164	320713	20.00	ng	-0.01
63) Phenanthrene-d10	11.310	188	530483	20.00	ng	-0.01
75) Chrysene-d12	14.557	240	342998	20.00	ng	-0.02
86) Perylene-d12	16.186	264	272113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.387	112	1381380	133.69	ng	0.00
7) Phenol-d6	5.463	99	1785806	139.71	ng	0.00
23) Nitrobenzene-d5	6.498	82	1121491	89.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.463	330	353341	139.42	ng	-0.01
44) 2-Fluorobiphenyl	8.675	172	1792714	85.26	ng	-0.01
78) Terphenyl-d14	13.292	244	1296388	84.72	ng	0.00
Target Compounds						
10) Phenol	5.469	94	132859	9.13	ng	92
19) n-Nitroso-di-n-propyla...	6.498	70	149236	18.17	ng	# 77
49) Dimethylphthalate	9.169	163	315504	13.84	ng	98
56) 2,4-Dinitrotoluene	9.486	165	40489	6.17	ng	# 33

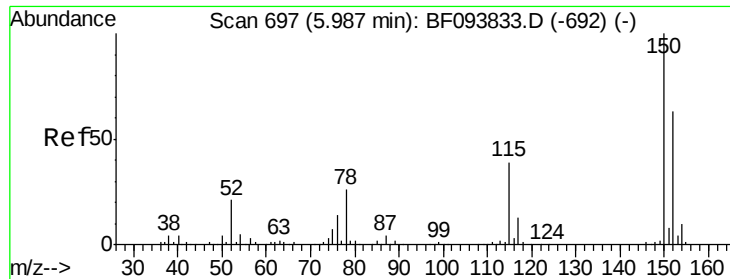
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.845 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_F

ClientSampleId :

15-41

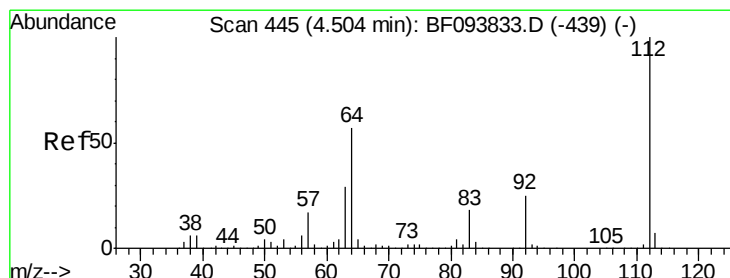
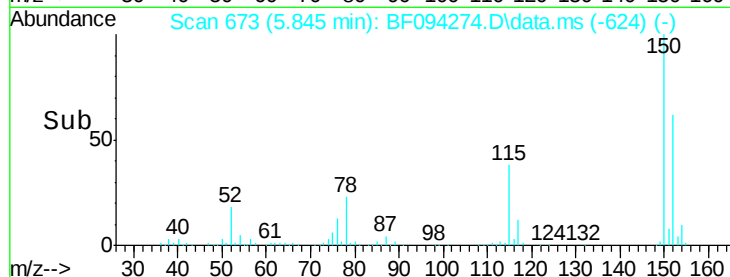
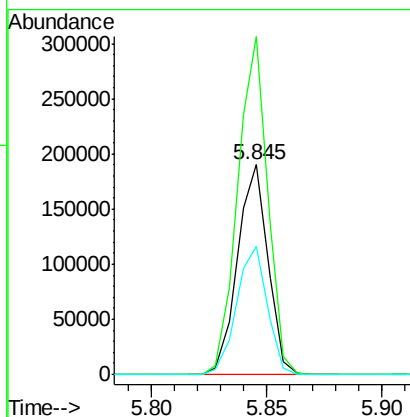
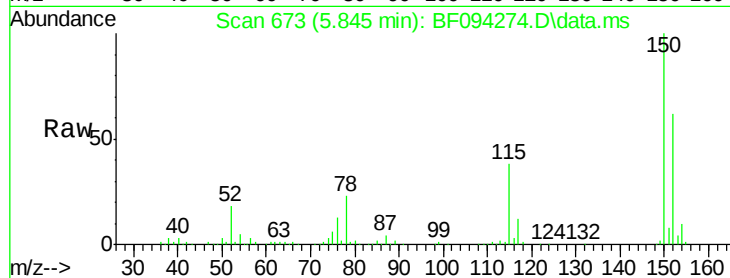
Tot Ion:152 Resp: 174519

Ion Ratio Lower Upper

152 100

150 161.1 126.2 189.2

115 61.1 52.2 78.2



#5

2-Fluorophenol

Concen: 133.69 ng

RT: 4.387 min Scan# 425

Delta R.T. -0.000 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

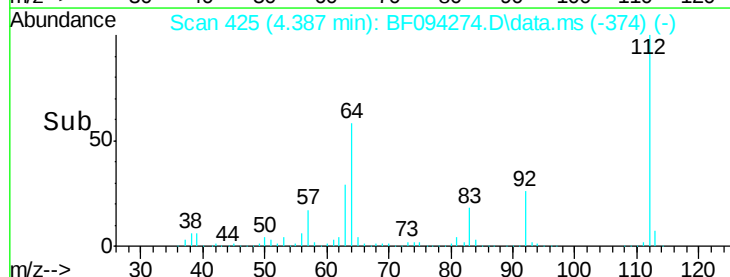
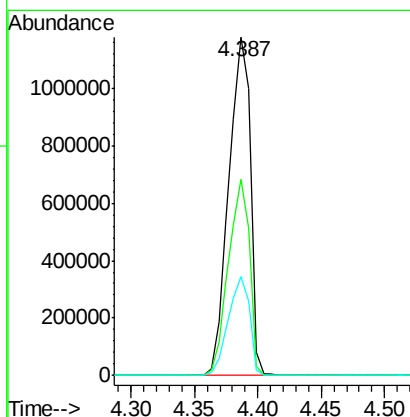
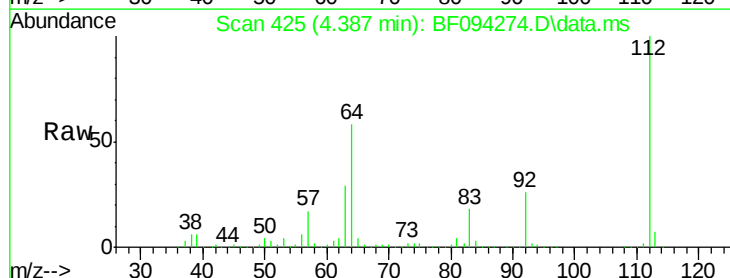
Tgt Ion:112 Resp: 1381380

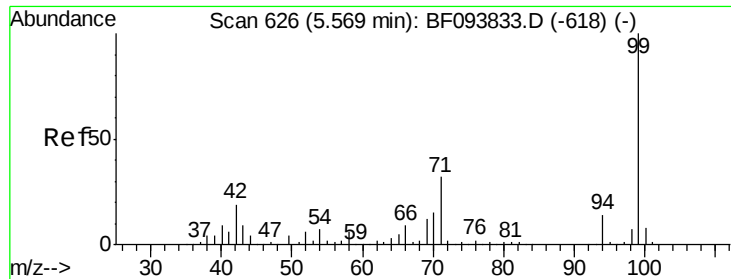
Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

63 29.3 23.4 35.0





#7

Phenol-d6

Concen: 139.71 ng

RT: 5.463 min Scan# 608

Delta R.T. -0.000 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_F

ClientSampleId :
15-41

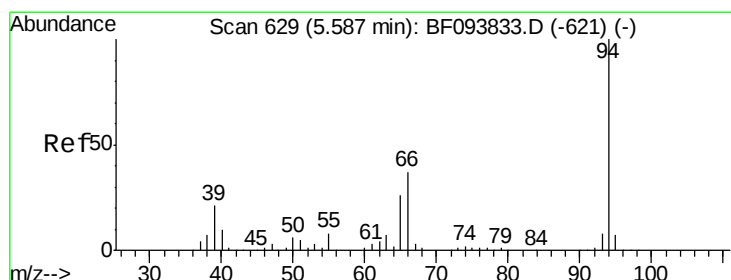
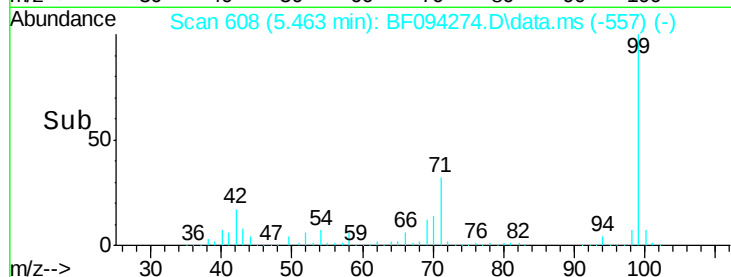
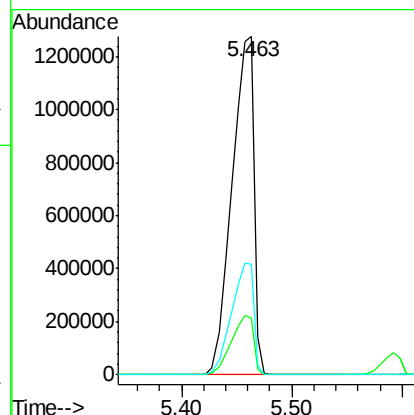
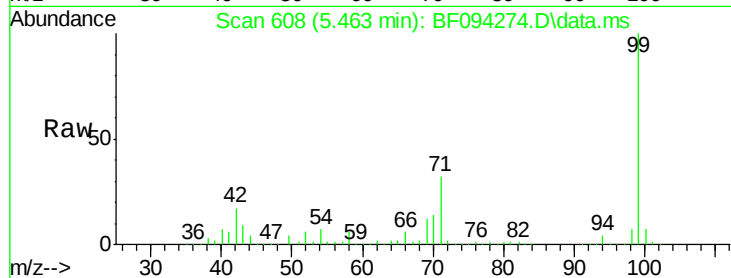
Tot Ion: 99 Resp: 1785806

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 32.4 24.5 36.7



#10

Phenol

Concen: 9.13 ng

RT: 5.469 min Scan# 609

Delta R.T. -0.012 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

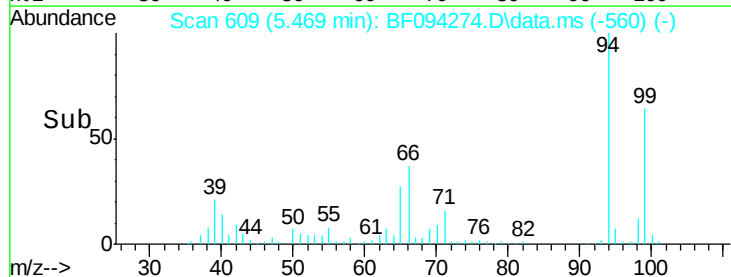
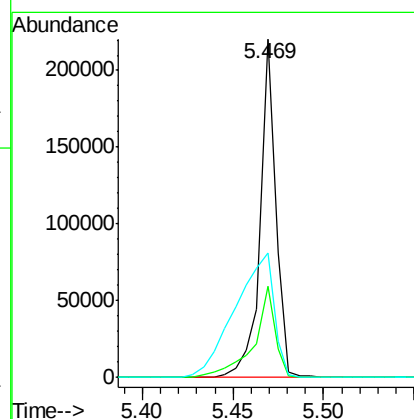
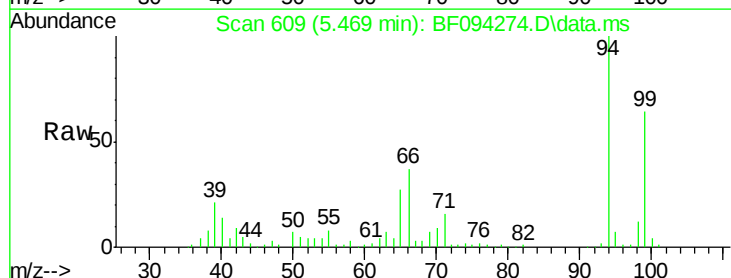
Tgt Ion: 94 Resp: 132859

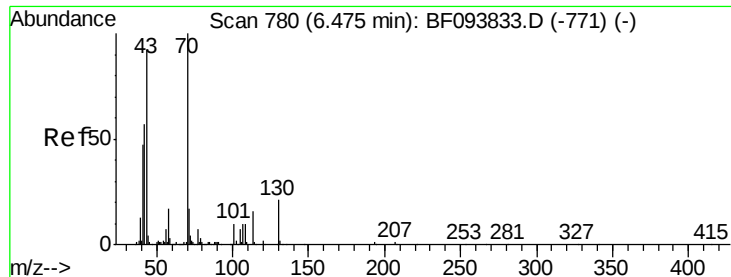
Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

66 36.8 23.1 63.1

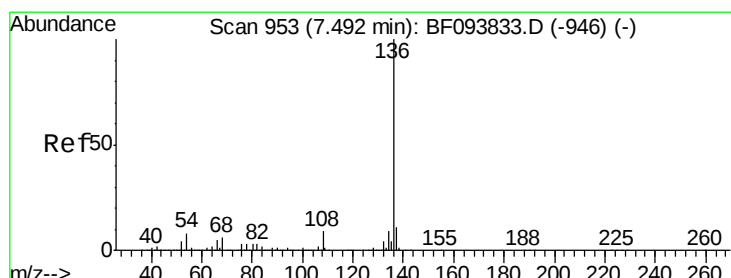
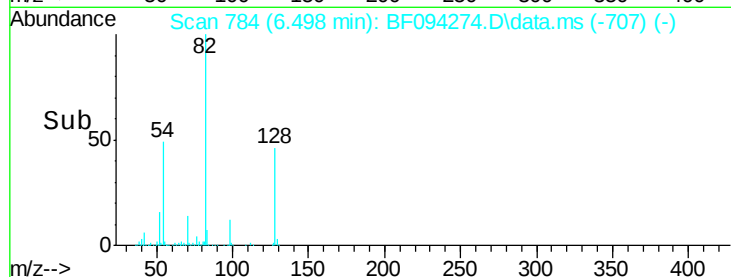
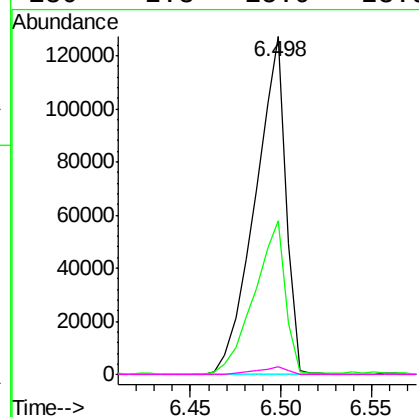
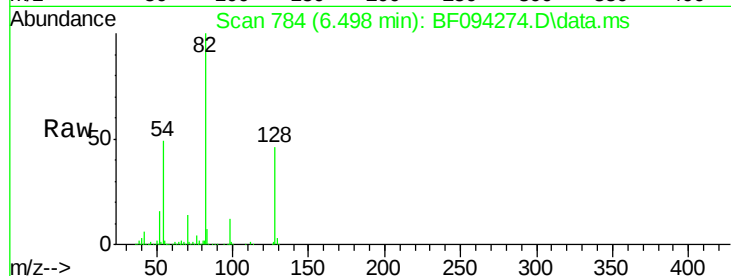




#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 6.498 min Scan# 780
Delta R.T. 0.153 min
Lab File: BF094274.D
Acq: 7 Apr 2017 15:46

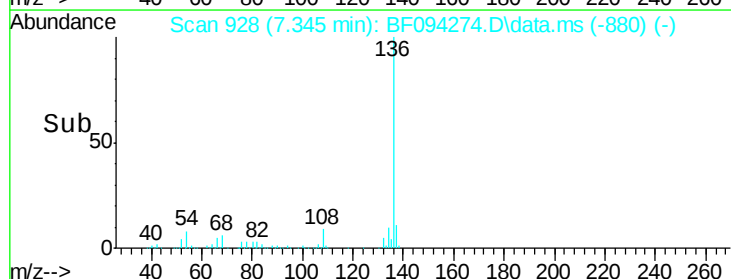
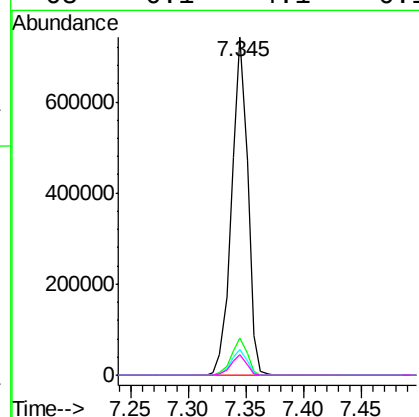
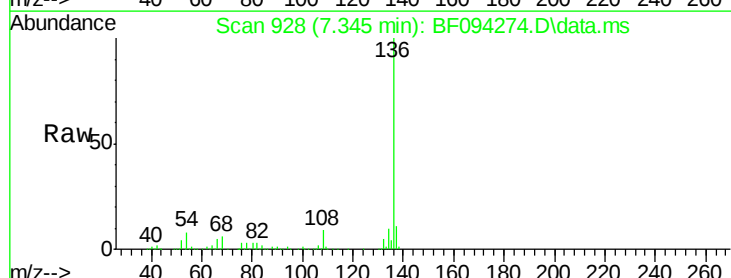
Instrument :
BNA_F
ClientSampleId :
15-41

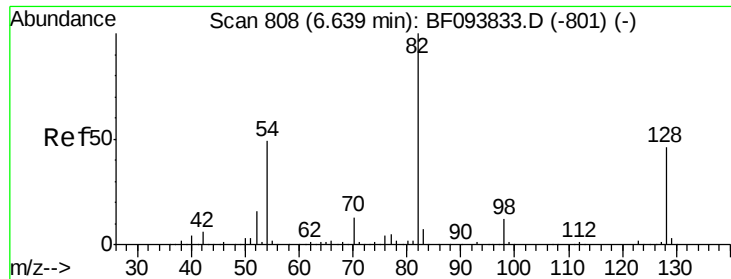
Tot Ion:	70	Resp:	149236
Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.345 min Scan# 928
Delta R.T. -0.018 min
Lab File: BF094274.D
Acq: 7 Apr 2017 15:46

Tgt Ion:	136	Resp:	714331
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.6	4.9	7.3#
68	6.1	4.1	6.1

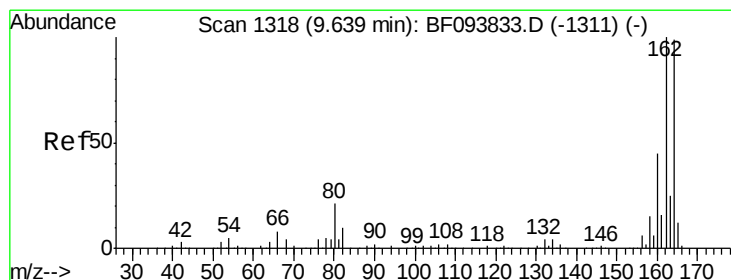
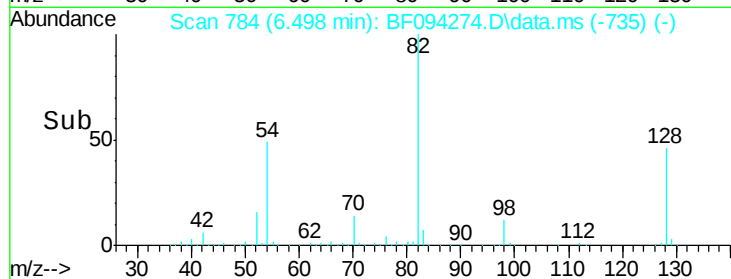
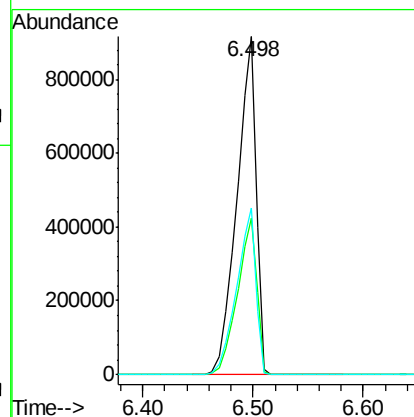
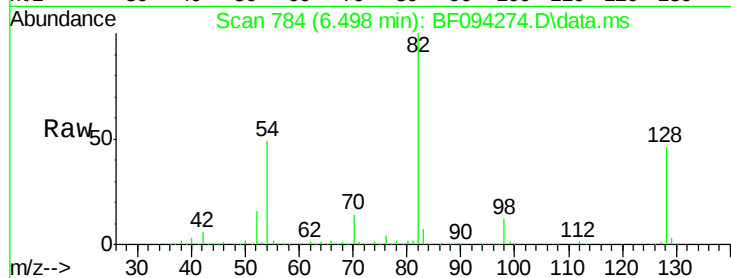




#23
 Nitrobenzene-d5
 Concen: 89.60 ng
 RT: 6.498 min Scan# 78
 Delta R.T. -0.012 min
 Lab File: BF094274.D
 Acq: 7 Apr 2017 15:46

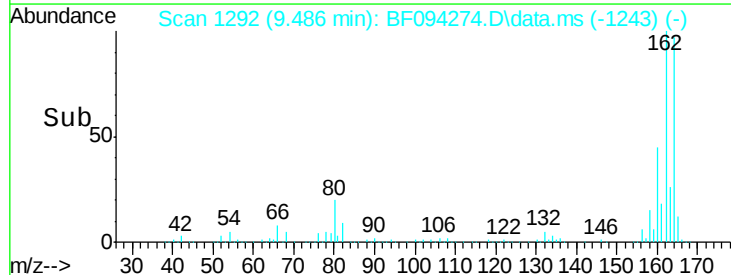
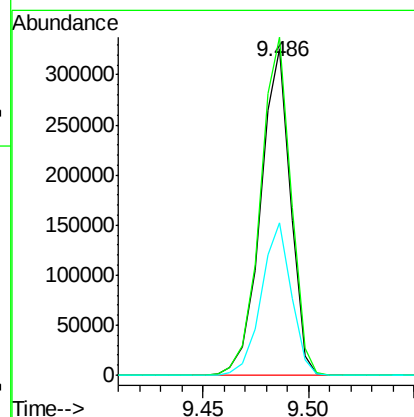
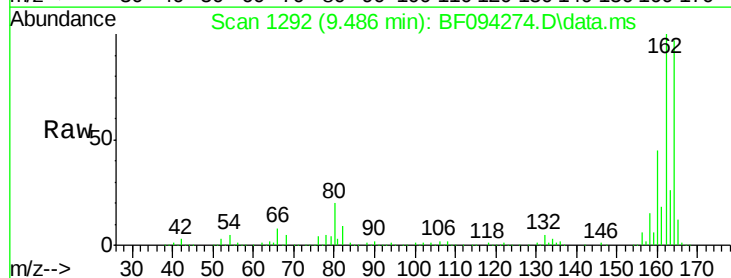
Instrument :
 BNA_F
 ClientSampleId :
 15-41

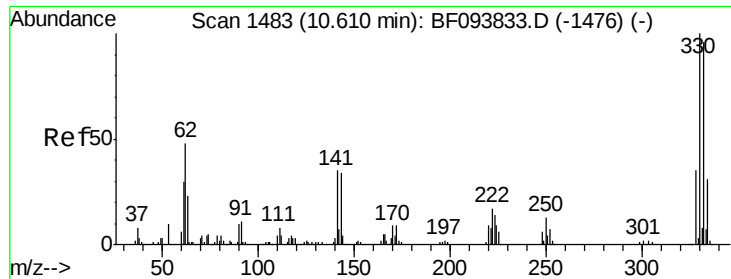
Tot Ion: 82 Resp: 1121491
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 49.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.486 min Scan# 1292
 Delta R.T. -0.012 min
 Lab File: BF094274.D
 Acq: 7 Apr 2017 15:46

Tgt Ion: 164 Resp: 320713
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 46.5 36.2 54.2

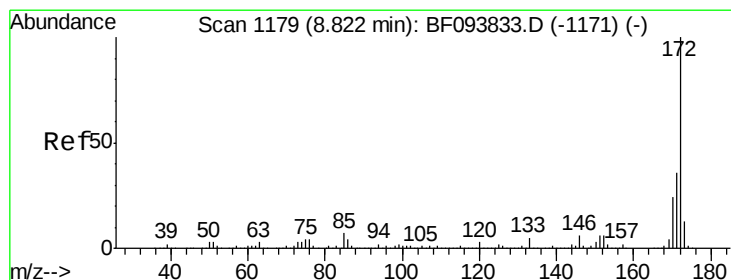
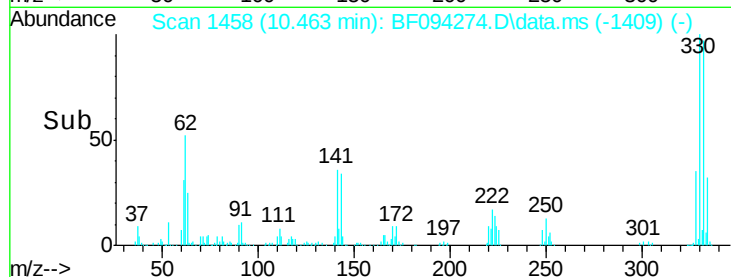
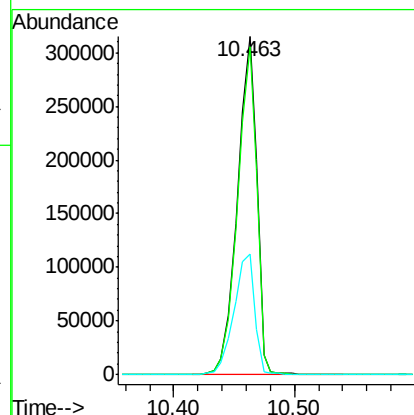
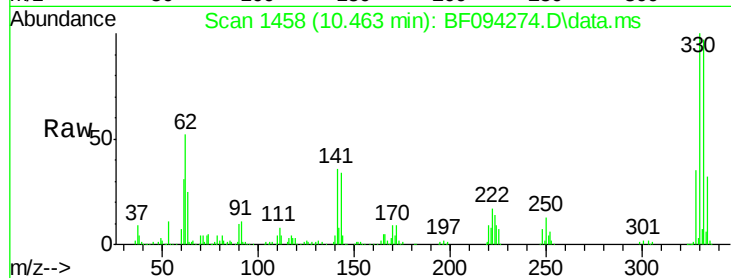




#41
 2,4,6-Tribromophenol
 Concen: 139.42 ng
 RT: 10.463 min Scan# 141
 Delta R.T. -0.012 min
 Lab File: BF094274.D
 Acq: 7 Apr 2017 15:46

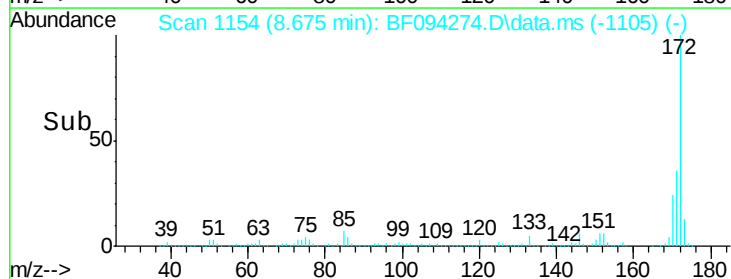
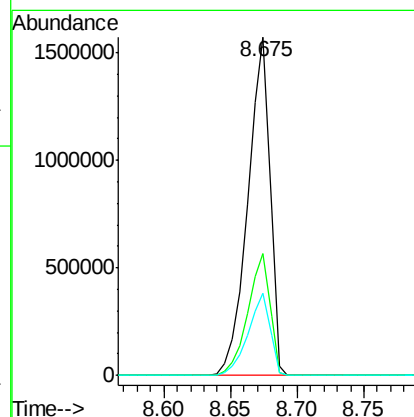
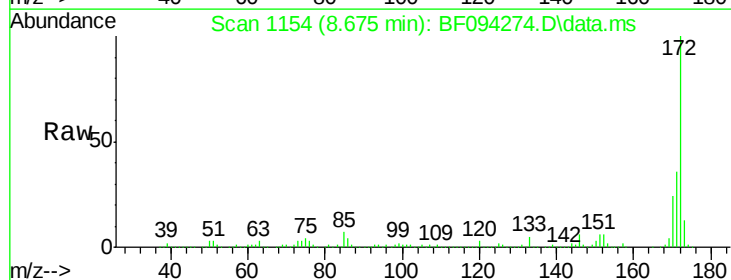
Instrument :
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 ClientSampleId :
 15-41

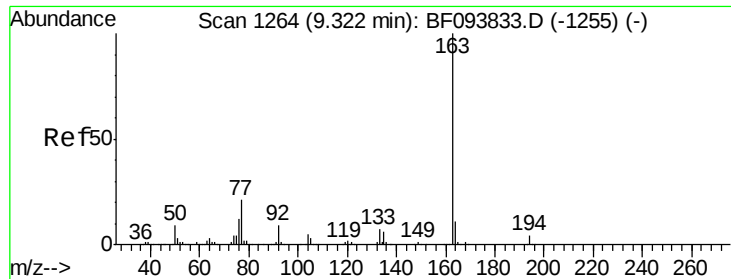
Tot Ion:330 Resp: 353341
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 85.26 ng
 RT: 8.675 min Scan# 1154
 Delta R.T. -0.012 min
 Lab File: BF094274.D
 Acq: 7 Apr 2017 15:46

Tgt Ion:172 Resp: 1792714
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.2 19.8 29.8





#49

Dimethylphthalate

Concen: 13.84 ng

RT: 9.169 min Scan# 12

Delta R.T. -0.024 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_F

ClientSampleId :

15-41

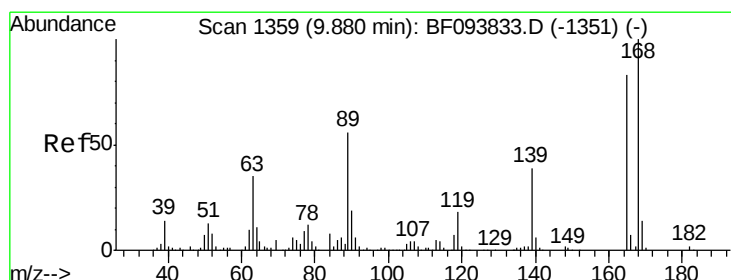
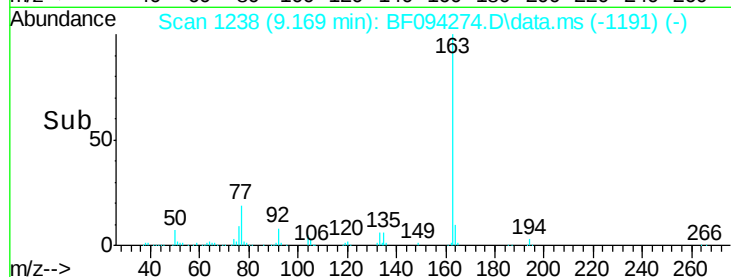
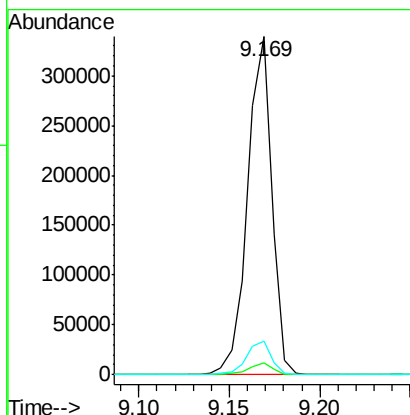
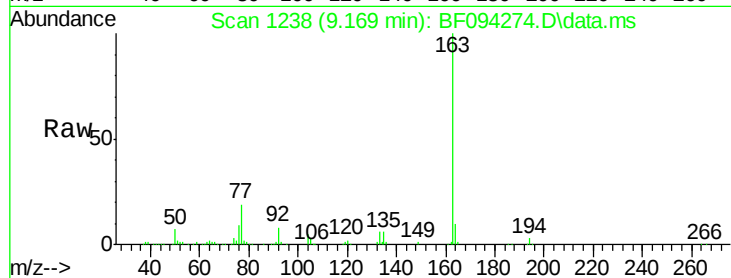
Tot Ion:163 Resp: 315504

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 9.7 8.4 12.6



#56

2,4-Dinitrotoluene

Concen: 6.17 ng

RT: 9.486 min Scan# 1292

Delta R.T. -0.265 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

Tgt Ion:165 Resp: 40489

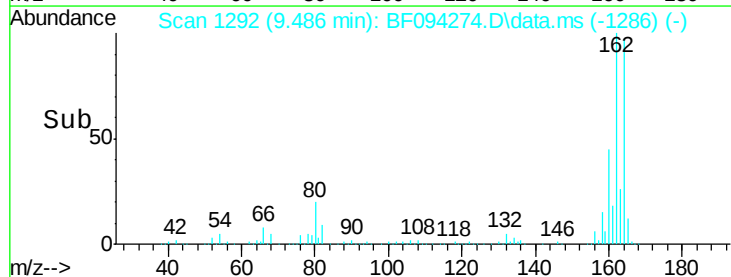
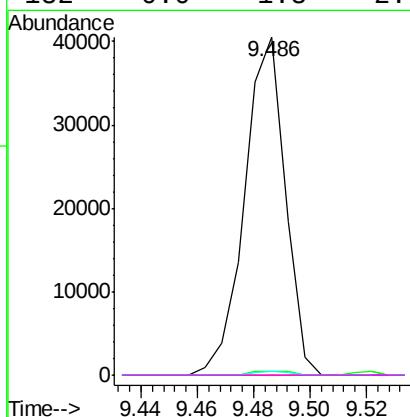
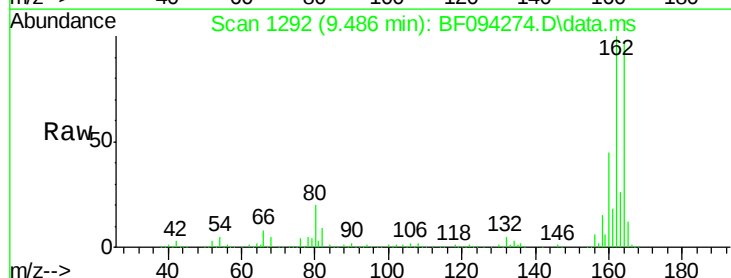
Ion Ratio Lower Upper

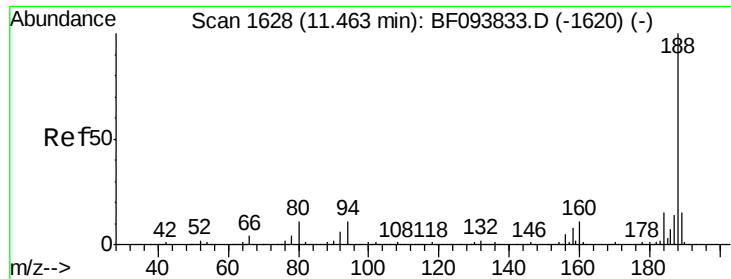
165 100

63 1.0 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

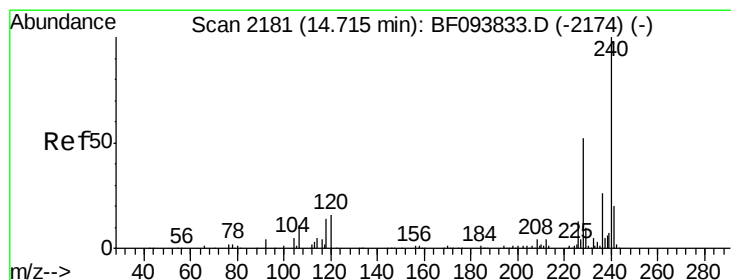
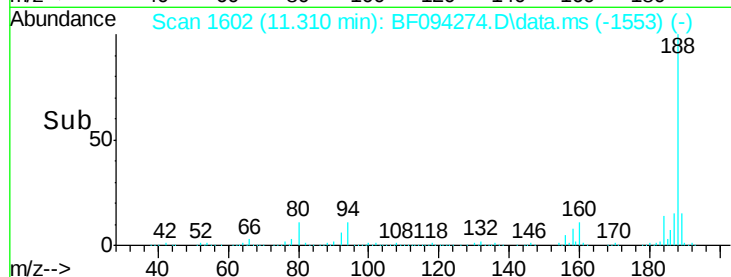
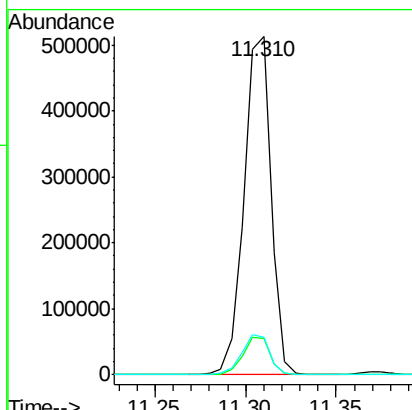
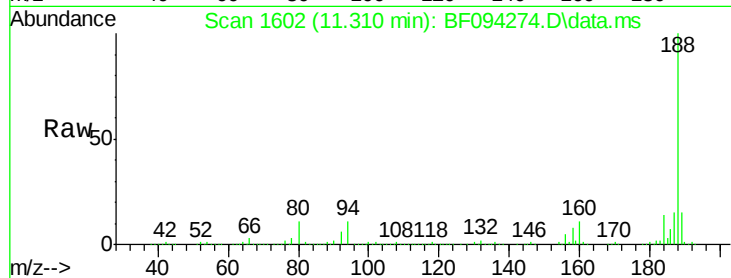




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 16
Delta R.T. -0.012 min
Lab File: BF094274.D
Acq: 7 Apr 2017 15:46

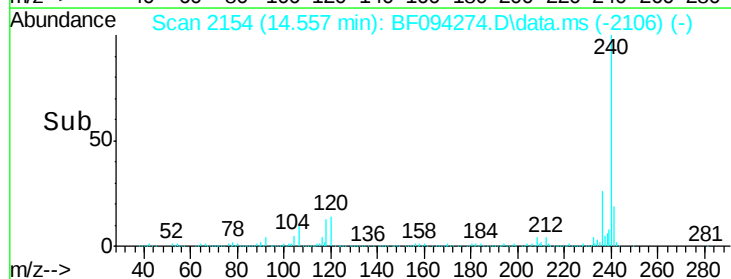
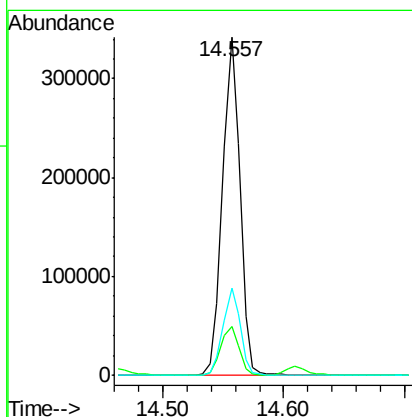
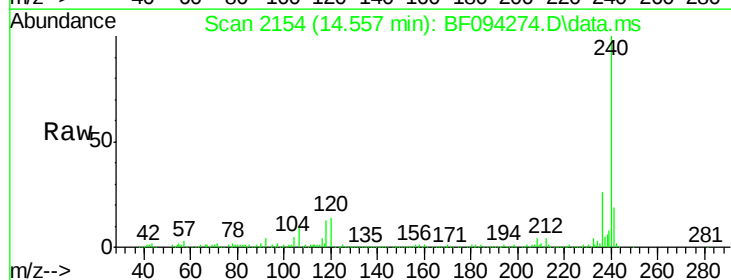
Instrument :
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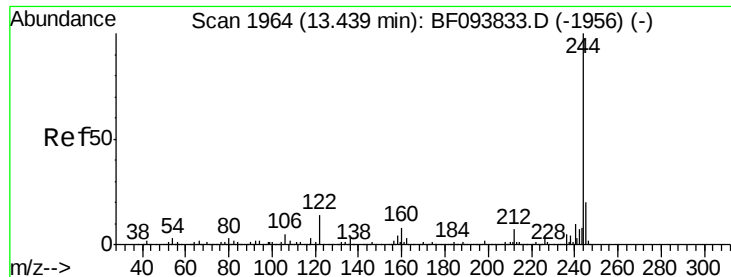
Tot Ion:188 Resp: 530483
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.557 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BF094274.D
Acq: 7 Apr 2017 15:46

Tgt Ion:240 Resp: 342998
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 84.72 ng

RT: 13.292 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

Instrument :

BNA_F

ClientSampleId :
15-41

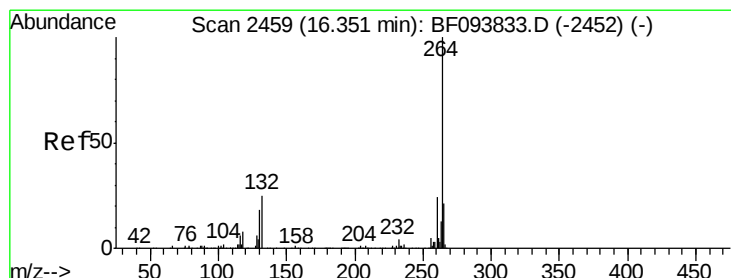
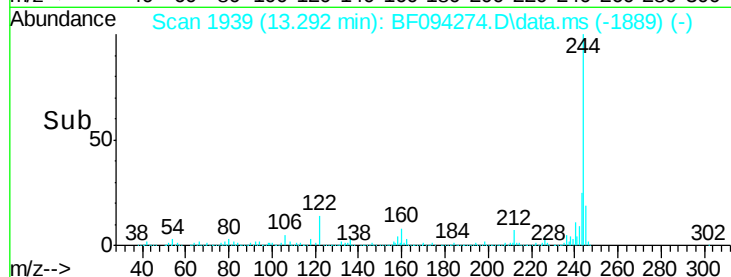
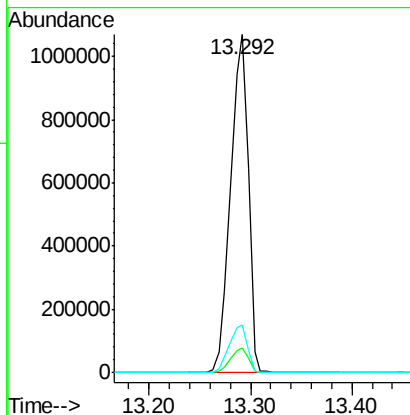
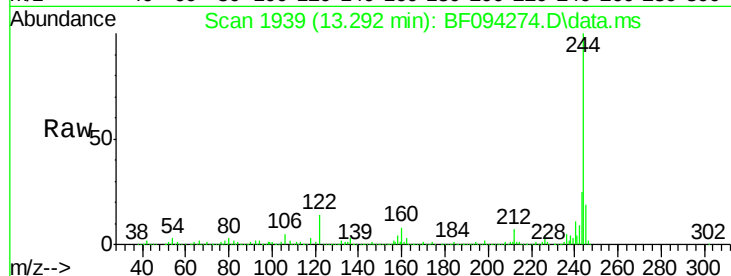
Tot Ion:244 Resp: 1296388

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: 16.186 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BF094274.D

Acq: 7 Apr 2017 15:46

Tgt Ion:264 Resp: 272113

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.6 17.2 25.8

